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Job Order Contract Construction Task Catalog®

CSI Divisions 01 - 46 April 2023 GBJOC18

San Bernardino County General Building

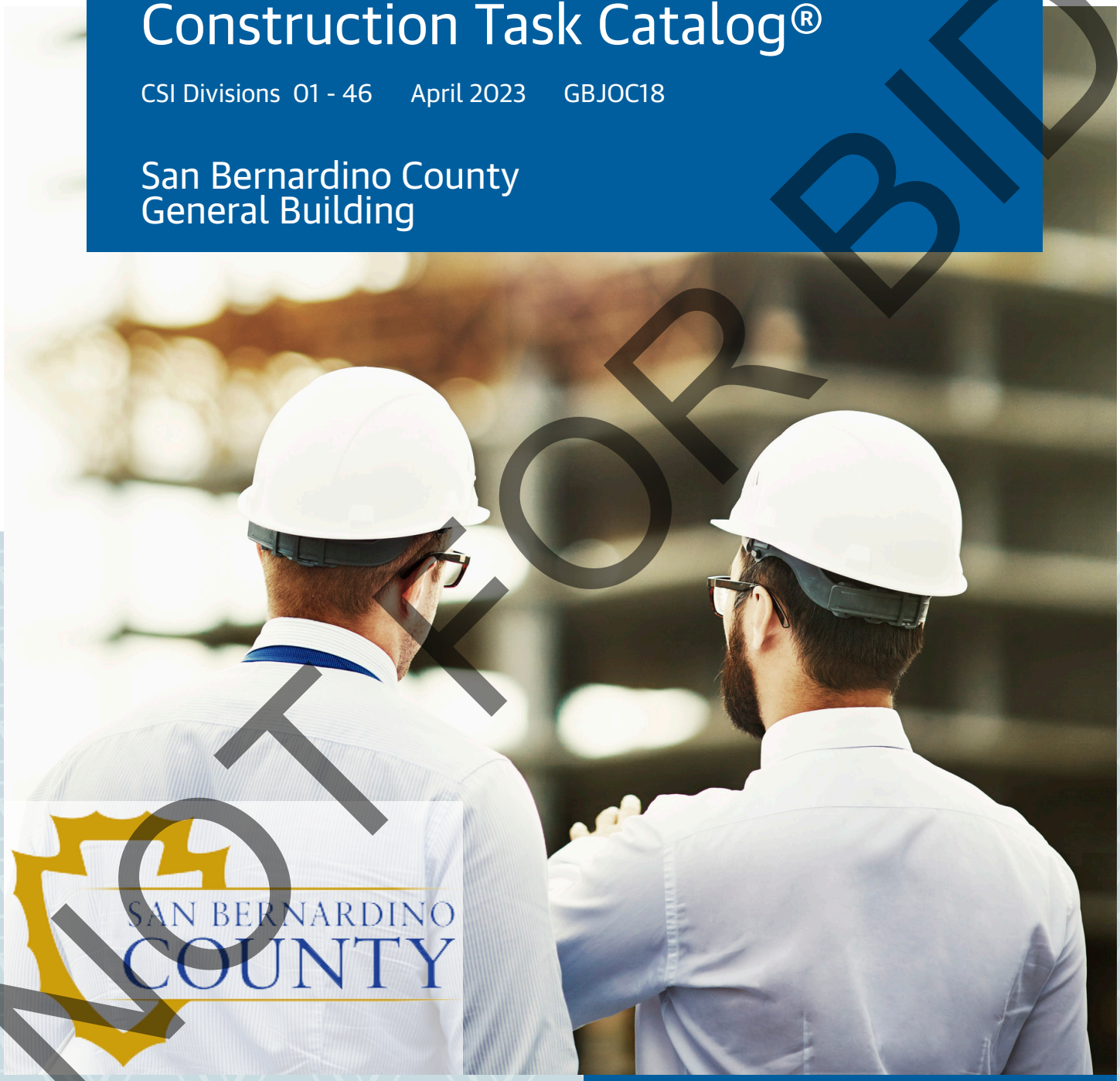

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About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **San Bernardino County**, priced locally using current labor, material and equipment costs, and published in April 2023.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **San Bernardino County**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

- ☑ The Tasks in this CTC are organized using CSI's *MasterFormat*.

CSI Building Knowledge Improving Project Delivery

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The Unit Prices Include:

Labor Costs:

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security, Medicare taxes, worker's compensation, unemployment insurance, and employee benefits.
- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the Task; disposal of excess material; and time for lunch and breaks.

Equipment Costs:

- ☑ Equipment costs include all equipment required to accomplish the Task.
- ☑ Mobilization is included for all equipment except large equipment (e.g. cranes, bulldozers, excavators, backhoes, bobcats etc.), which exclude mobilization.
- ☑ Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.

Material Costs:

- ☑ Material costs include the cost of the material, delivery, and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- ☑ Material costs for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.

The Adjustment Factors Include:

The Adjustment Factors include the following costs, unless specifically excluded by the terms of the Contract Documents:

Business Costs:

- ☑ Office overhead, including, but not limited to, office space, office equipment, office and management personnel, office supplies, and employee transportation.
- ☑ Insurance and bonding.
- ☑ Profit.

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- ☑ Job Order development services, Owner meetings, and other administrative services required by the Contract Documents.
- ☑ Subcontractor's overhead and profit.
- ☑ Cost of financing the work.
- ☑ Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

Project Related Costs:

- ☑ Project trailer, equipment and supplies, and portable toilets for Contractor's use.
- ☑ Project management and project supervision.
- ☑ Services required to complete project filings and obtain permits.
- ☑ Preparation and modification of sketches, drawings, submittals, as-built drawings, project photographs and other project records.
- ☑ Incidental engineering and architectural services.
- ☑ Gang boxes and storage containers for Contractor's tools, equipment and materials.
- ☑ Basic safety and warning signage, minor barricades (e.g., construction tape, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
- ☑ Meeting Owner's security requirements.
- ☑ All taxes for which a waiver is not available including material sales tax and equipment rental.
- ☑ Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, furnishings fastened to the wall or floor, safes and other furniture requiring disassembly).
- ☑ Sealing windows, doors and other openings with plastic to contain construction dust and debris within the work area, or to protect existing surfaces.
- ☑ Working in extreme temperatures (below or above normal) or adverse conditions such as rain, wind, sleet or snow.
- ☑ Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- ☑ Daily clean-up.
- ☑ Final professional clean-up.

Price Variations:

- ☑ Contractors may experience direct costs that are different than the unit prices set forth in the CTC. While diligent effort was made to provide accurate, unit prices, it is the Contractor's responsibility to review and analyze the unit prices, and to calculate, prior to bidding, the Adjustment Factors accordingly.

Summary:

- ☑ This list is not exhaustive and is intended to provide general examples of costs to be included in the Contractor's Adjustment Factors.
- ☑ The only compensation to be paid to the Contractor for Tasks will be:

Unit Price X Quantity X Adjustment Factor

- ☑ No additional payments of any kind whatsoever will be made.
- ☑ All costs in excess of the unit prices, must be included in the Adjustment Factors.

General Rules:

- ☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the Task as described in the CTC.
- ☑ All labor, material, equipment, spare parts, and documents required by a Technical Specification shall be considered included in the unit price, unless the Task description states otherwise.
- ☑ If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or

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other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than 2 stories, the Contractor will be paid for such crane or lifting equipment as a separate Task.

- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or for relocating or reinstalling existing material and equipment.
- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the Task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, roof flashing, pitch pockets, skylights, roof curbs, exterior trim, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibrating, balancing, start-up services and the like required to ensure proper installation, construction and performance of the work (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing of water lines, etc.). Contractor may be paid for testing, calibrating, balancing, start-up services and the like for Owner supplied materials and equipment, or when working on or tying into existing materials and equipment.
- ☑ For the purpose of calculating the quantity of a Task, quantities are calculated on a per project basis. The quantity so determined shall be used for the Task and all appropriate modifiers, unless the Task states otherwise.
- ☑ Whenever there are alternative Tasks that may be selected to complete work, the Contractor shall select the most practical and economical Tasks available (e.g. rental of equipment by weeks or months rather than days, or painting by roller or spray rather than brush).

Demolition:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 stories into a truck, dumpster, or to an Owner designated area, located within 125' of the project site.
- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition Task, unless the component must be demolished separately to accomplish the work (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the work; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The word "replace" includes removal of the existing item and installation of the new item.
- ☑ The words "remove and relocate" or "remove and reinstall" include removal, cleaning, and installation of the existing item in either the same location or another location.
- ☑ Salvageable materials are the property of the Owner and shall, if directed, be turned over to the Owner.

Working Height:

- ☑ Typical working height for work other than masonry is up to 14' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.
- ☑ Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for masonry work below 4'.

Field Engineering:

- ☑ Surveying Tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical control points. If the

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Owner provides horizontal and vertical control points within or adjacent to the project site, all other surveying required to complete the work shall be considered construction staking or layout, and the cost thereof is included in the appropriate Tasks.

Assemblies:

☑ Assembly Tasks take precedence over individual component Tasks.

Restricted and Confined Spaces:

☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories Tasks and for certain electrical conduit and conduit accessories Tasks. Only those Tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated Tasks. A Non-Prepriced Task will not be allowed because of Restricted Working Space for any Task.

☑ The Code of Federal Regulations (29 CFR part 1926, Subpart AA) define confined spaces and permit-required confined spaces for construction and set forth requirements, procedures and safety precautions for working in such spaces. If the Contractor must work in a confined space or a permit-required confined space and must provide ventilation equipment, air monitoring equipment and services, entry attendants, entry supervisors, site-specific training for workers, or other equipment and services required by the regulations, then the Contractor shall be paid for such equipment, services and training. Those costs shall not be included in the Adjustment Factors.

Or Equals:

☑ Whenever material, products, or equipment is identified in the CTC, or in the Technical Specifications, by reference to a manufacturer's name, make or model number, the identification is intended to establish a standard. Any material, product, or equipment of another manufacturer may be considered an or-equal provided that, in the opinion of the Owner, the material, product, or equipment so proposed is of equal quality, substance and function to the named item. The Contractor shall not install any proposed material, product, or equipment without the prior written approval of the Owner. The burden of proof, and all costs related thereto, concerning whether the proposed material, product, or equipment is an or-equal, shall be borne by the Contractor.

Useful Information:

Unit of Measure Definitions:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD** - Linear Feet Per Day, **LIT –** Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** - One

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Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

MATERIAL WEIGHTS:

EARTHEN MATERIAL

☑ The following engineering values for establishing shrink/swell factors shall be used unless otherwise directed by the Owner.

	Material Weight (Lbs Per CY)		
Material	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240
Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680
Gravel (Average)	3280	2730	3570
Limestone	4380	2690	3220
Riprap Rock (Average)	4500	2610	3150
Granite	4540	2640	3170
Basalt	4950	3020	3640
Clay	3220	2150	3570
Gneiss	4550	2720	3180

BULK FACTORS FOR DEMOLITION:

☑ The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.

- **Asphalt** = 1.25
- **Concrete** = 1.40

CONVERSIONS:

1 Acre = 43,560 Square Feet = 4046.8 Square Meters

1 Board Foot = 12” x 12” x 1” = 144 Cubic Inches

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

1 Square Foot = 144 Square Inches = .0929 Square Meters

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

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Sheet Metal Thickness (inches)				
Gage No.	Steel Sheet	Galvanized Steel Sheet	Stainless Steel Sheet	Aluminum Sheet
10	.135	.138	.141	
11	.120	.123	.125	
12	.105	.108	.109	
13	.090	.093	.094	.072
14	.075	.079	.078	.064
15	.067	.071	.070	.057
16	.060	.064	.063	.051
17	.054	.058	.056	.045
18	.048	.052	.050	.040
19	.042	.046	.044	.036
20	.036	.040	.038	.032
21	.033	.037	.034	.028
22	.030	.034	.031	.025
23	.027	.031	.028	.023
24	.024	.028	.025	.020
25	.021	.025	.022	.018
26	.018	.022	.019	.017

STANDARD GEOMETRY:

Circle

- Circumference = 2 π radius = π diameter
- Area = π radius^2 = π (diameter^2 / 4)

Cylinder

- Volume = (π radius^2) height
- Surface Area = 2 π radius^2+(2 π radius) height

Sphere

- Volume = (4 π radius^3) / 3
- Surface Area = 4 π radius^2

π = 3.14159

United Inch

- The industry standard for measuring windows is the United Inch or UI. The UI is determined by adding the width and the height in inches.

TRADEMARKS

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 General Requirements

01 20 Price and Payment Procedures *(01)*

01 22 Unit Prices *(01 20)*

01 22 16 Unit Price Payment *(01 22)*

01 22 16 00-0001 Reimbursable Fees *(01 22 16)*

Note: Reimbursable fees include but are not limited to permits, special inspections, special insurance, additional warranties, tolls, expedited shipping costs, etc, which are not included in a task or an Adjustment Factor as explained in the Contract or The Construction Task Catalog®.

01 22 16 00-0002	EA	Reimbursable Fees		1.00
		Note: Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.		

01 22 20 Wage Rates *(01 22)*

01 22 20 00-0001 Local Labor/Wage Rates *(01 22 20)*

Note: Welders receive the rate prescribed for the craft performing the operation to which the welding is incidental.

01 22 20 00-0002	HR	Asbestos Removal Worker		91.11
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-18.22*
01 22 20 00-0003	HR	Insulator		94.76
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-18.95*
01 22 20 00-0004	HR	Boilermaker		100.43
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-20.09*
01 22 20 00-0005	HR	Brick Layer		89.51
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-17.90*
01 22 20 00-0006	HR	Carpenter		99.26
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-19.85*
01 22 20 00-0007	HR	Carpenter, Bridge Builder		104.20
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-20.84*
		For Foreperson, Add		*5.21*
01 22 20 00-0008	HR	Carpet, Linoleum		83.25
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-16.65*
01 22 20 00-0009	HR	Cement Mason		87.06
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-17.41*
01 22 20 00-0010	HR	Drywall Finisher		96.04
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-19.21*
01 22 20 00-0011	HR	Electrician		120.19
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-24.04*
01 22 20 00-0012	HR	Electrician, Cable Splicer		124.66
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-24.93*
		For Foreperson, Add		*6.23*
01 22 20 00-0013	HR	Communication And System Technician		75.90
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-15.18*
01 22 20 00-0014	HR	Equipment Operator (Crane Group 8)		114.92
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-22.98*
		For Foreperson, Add		*5.75*
01 22 20 00-0015	HR	Equipment Operator (Crane Group 9)		115.16
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-23.03*
		For Foreperson, Add		*5.76*
01 22 20 00-0016	HR	Equipment Operator (Crane Group 10)		116.56
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-23.31*
01 22 20 00-0017	HR	Equipment Operator (Crane Group 11)		117.97
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-23.59*
		For Foreperson, Add		*5.90*
01 22 20 00-0018	HR	Equipment Operator (Crane Group 12)		119.37
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct		*-23.87*
		For Foreperson, Add		*5.97*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0019	HR	Equipment Operator (Crane Group 13)	120.77	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-24.15*	
		For Foreperson, Add	*6.04*	
01 22 20 00-0020	HR	Equipment Operator (Group 2)	111.55	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-22.31*	
		For Foreperson, Add	*5.58*	
01 22 20 00-0021	HR	Equipment Operator (Group 3)	111.96	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-22.39*	
		For Foreperson, Add	*5.60*	
01 22 20 00-0022	HR	Equipment Operator (Group 4)	114.05	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-22.81*	
01 22 20 00-0023	HR	Equipment Operator (Group 6)	114.36	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-22.87*	
		For Foreperson, Add	*5.72*	
01 22 20 00-0024	HR	Equipment Operator (Group 8)	114.51	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-22.90*	
01 22 20 00-0025	HR	Equipment Operator (Group 10)	114.68	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-22.94*	
		For Foreperson, Add	*5.73*	
01 22 20 00-0026	HR	Equipment Operator (Group 12)	114.92	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-22.98*	
		For Foreperson, Add	*5.75*	
01 22 20 00-0027	HR	Glazier	106.59	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-21.32*	
01 22 20 00-0028	HR	Laborer	88.90	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0029	HR	Lather	92.68	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-18.54*	
01 22 20 00-0030	HR	Marble Setter	89.51	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.90*	
01 22 20 00-0031	HR	Millwright	92.48	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-18.50*	
01 22 20 00-0032	HR	Mold Removal Worker	92.71	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-18.54*	
		For Foreperson, Add	*4.64*	
01 22 20 00-0033	HR	Painter, Ordinary	75.46	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-15.09*	
01 22 20 00-0034	HR	Painter, Structural Steel	80.36	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-16.07*	
01 22 20 00-0035	HR	Paperhanger	75.46	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-15.09*	
01 22 20 00-0036	HR	Pile Drivers	102.64	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.53*	
01 22 20 00-0037	HR	Plasterer	90.59	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-18.12*	
01 22 20 00-0038	HR	Plumber	107.06	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-21.41*	
01 22 20 00-0039	HR	Powderman	97.69	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-19.54*	
01 22 20 00-0040	HR	Rodman (Reinforcing)/Ornamental Steel Worker	99.92	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-19.98*	
01 22 20 00-0041	HR	Roofer, Composite	101.84	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.37*	
01 22 20 00-0042	HR	Roofer, Metal	127.39	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-25.48*	
		For Foreperson, Add	*6.37*	
01 22 20 00-0043	HR	Roofer, Tile/Slate	98.68	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-19.74*	
01 22 20 00-0044	HR	Sheet Metal Worker	106.85	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-21.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0045	HR	Sprinkler Installer	106.79	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-21.36*	
01 22 20 00-0046	HR	Steam / Pipe Fitter	107.06	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-21.41*	
01 22 20 00-0047	HR	Stone Mason	89.51	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.90*	
01 22 20 00-0048	HR	Structural Steel Worker	103.34	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-20.67*	
01 22 20 00-0049	HR	Tile Layer	85.52	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.10*	
01 22 20 00-0050	HR	Terrazzo Worker	80.95	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-16.19*	
01 22 20 00-0051	HR	Truck Driver (Group 2)	87.73	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.55*	
01 22 20 00-0052	HR	Truck Driver (Group 3)	87.91	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.58*	
		For Foreperson, Add	*4.40*	
01 22 20 00-0053	HR	Truck Driver (Group 4)	88.18	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.64*	
		For Foreperson, Add	*4.41*	
01 22 20 00-0054	HR	Truck Driver (Group 5)	88.23	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.65*	
		For Foreperson, Add	*4.41*	
01 22 20 00-0055	HR	Truck Driver (Group 6)	88.27	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.65*	
01 22 20 00-0056	HR	Truck Driver (Group 7)	88.63	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.73*	
01 22 20 00-0057	HR	Truck Driver (Group 8)	88.99	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.80*	
		For Foreperson, Add	*4.45*	
01 22 20 00-0058	HR	Truck Driver (Group 9)	89.27	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	*-17.85*	
		For Foreperson, Add	*4.46*	
01 22 20 00-0059	HR	Class I Diver	194.05	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0060	HR	Class III Diver Tender	109.07	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0061	HR	D1 Certified Welder	116.64	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		

01 22 20 00-0062 Rates For Services *(01 22 20)*

01 22 20 00-0063	HR	Watch/Guard Person, Unarmed	35.76	
01 22 20 00-0064	HR	Watch/Guard Person, Armed	45.20	
01 22 20 00-0065	HR	Senior Surveyor (Party Chief)	126.49	
01 22 20 00-0066	HR	Surveyor (Instrument person)	118.24	
01 22 20 00-0067	HR	Surveyor (Rod Person)	117.30	
01 22 20 00-0068	HR	On-Site Certified Materials Testing Technician	87.55	
01 22 20 00-0069	HR	Certified Industrial Hygienist	118.18	
01 22 20 00-0070	MI	Mileage For Professional Services (Engineering, Surveying, Etcetera)	0.66	
		Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.		
01 22 20 00-0071	HR	Fire Watch Laborer	88.90	
		Note: Fire watchers shall be required whenever welding or cutting is performed in locations where other than a minor fire might develop, or any of the following conditions exist: (1) Appreciable combustible material, in building construction or contents, closer than 35 feet (10.7 m) to the point of operation. (2) Appreciable combustibles are more than 35 feet (10.7 m) away but are easily ignited by sparks. (3) Wall or floor openings within a 35-foot (10.7 m) radius expose combustible material in adjacent areas including concealed spaces in walls or floors. (4) Combustible materials are adjacent to the opposite side of metal partitions, walls, ceilings, or roofs and are likely to be ignited by conduction or radiation.		

01 22 20 00-0072 Rates For Project Management Services *(01 22 20)*

01 22 20 00-0073	HR	Project Manager	161.25	

01 22 20 00-0074 Rates For Architectural And Engineering Services *(01 22 20)*

Note: For preparation of contract documents, structural and/or design drawings, special investigating requirements or services outside required architectural and engineering services.

01 22 20 00-0075	HR	Principal Architect	225.00	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0076	HR	Senior Architect	200.00	
01 22 20 00-0077	HR	Architect	150.00	
01 22 20 00-0078	HR	Principal Engineer	222.50	
01 22 20 00-0079	HR	Senior Engineer	172.50	
01 22 20 00-0080	HR	Engineer	135.00	
01 22 20 00-0081	HR	Draft Person	80.00	
01 22 20 00-0082		**Rates For Traffic Control** *(01 22 20)*		
01 22 20 00-0083	HR	Flagperson For Traffic Control	88.90	
01 22 20 00-0084		**Mobilize Equipment** *(01 22 20)*		
01 22 20 00-0085	HR	Escort Vehicle With Driver	100.16	
01 22 20 00-0086	HR	Transport Vehicle With Driver	132.93	
01 22 20 00-0087		**Diver Rates** *(01 22 20)*		
01 22 20 00-0088	DAY	Four Person Dive Team With No Decompression Chamber (Up To Fifty Feet) Note: Includes labor and equipment to perform the dive portion of the job. Excludes welding machines, underwater burning and welding rigs, generators, tools, underwater video equipment, air compressors, pumps, and boats.	4,856.91	
01 22 20 00-0089	DAY	Eight Person Dive Team With Decompression Chamber (Up To Two Hundred Feet) Note: Includes labor and equipment to perform the dive portion of the job. Excludes welding machines, underwater burning and welding rigs, generators, tools, underwater video equipment, air compressors, pumps, and boats.	9,052.81	
01 22 20 00-0090	DAY	Decompression Chamber And 5120 Air Compressor	1,409.16	
01 22 20 00-0091	DAY	Decompression Chamber Stand-By	640.52	
01 22 20 00-0092	NPP	HP Air Bottles (NPP To Be Billed At Cost Plus 15%)	0.00	
01 22 20 00-0093	NPP	Oxygen Bottles (NPP To Be Billed At Cost Plus 15%)	0.00	
01 22 20 00-0094	NPP	Nitrox Bottles (NPP To Be Billed At Cost Plus 15%)	0.00	
01 22 20 00-0095	DAY	Mixed Gas Console	128.10	
01 22 20 00-0096	DAY	Bail Out System	320.26	
01 22 20 00-0097	DAY	Explosive Meter	115.29	
01 22 20 00-0098	DAY	200 Amperes, Welding Machine With Leads	230.59	
01 22 20 00-0099	DAY	400 Amperes, Welding Machine With Leads	284.39	
01 22 20 00-0100	DAY	Topside Burning Rig	128.10	
01 22 20 00-0101	DAY	Underwater Burning Rig	230.59	
01 22 20 00-0102	DAY	Underwater Welding Rig	358.69	
01 22 20 00-0103	EA	Underwater Burning Rods	9.99	
01 22 20 00-0104	EA	Underwater Welding Rods	4.87	
01 22 20 00-0105	NPP	Oxygen / Acetylene (NPP To Be Billed At Cost Plus 15%)	0.00	
01 22 20 00-0106	DAY	2,000 Watt Generator	230.59	
01 22 20 00-0107	DAY	3,000 Watt Generator	320.26	
01 22 20 00-0108	DAY	50 KW Generator	384.32	
01 22 20 00-0109	DAY	Hydraulic Unit	256.21	
01 22 20 00-0110	DAY	Hydraulic Tools	102.48	
01 22 20 00-0111	DAY	Pneumatic Tools	64.05	
01 22 20 00-0112	NPP	Concrete Chain Saw Blades (NPP To Be Billed At Cost Plus 15%)	0.00	
01 22 20 00-0113	DAY	Roto Drill	102.48	
01 22 20 00-0114	DAY	Underwater Video Equipment And Monitor	501.46	
01 22 20 00-0115	DAY	Air Compressor <180 CFM	179.35	
01 22 20 00-0116	DAY	Air Compressor >180 CFM	256.21	
01 22 20 00-0117	DAY	3" Trash Pump	179.35	
01 22 20 00-0118	DAY	4" Submersible Pump	256.21	
01 22 20 00-0119	DAY	6" Submersible Pump	538.04	
01 22 20 00-0120	DAY	6" Diesel Pump	576.47	
01 22 20 00-0121	DAY	Lengths Of Suction Hose (Each)	51.24	
01 22 20 00-0122	DAY	Lengths Of Discharge Hose (Each)	51.24	
01 22 20 00-0123	DAY	4 Ton Flatbed Trailer With Sides	102.48	
01 22 20 00-0124	DAY	Equipment Storage Trailer	102.48	
01 22 20 00-0125	DAY	Equipment Vehicle	179.35	
01 22 20 00-0126	DAY	Dive Boat	1,024.84	
01 22 20 00-0127	DAY	Jon Boat	102.48	

01 22 23 Equipment Usage *(01 22)*

Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. See CSI section 01 22 20 00-0082 for traffic control (where required), 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.

01 22 23 00-0001 Aerial Equipment *(01 22 23)*

01 22 23 00-0002 Man Lifts *(01 22 23 00-0001)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-0003 Telescoping Boom Man Lifts With Platform *(01 22 23 00-0002)*

01 22 23 00-0004 Engine Powered, Telescoping Boom Man Lifts With Platform *(01 22 23 00-0003)*

Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0005	DAY	40' Engine Powered, Telescoping Boom Man Lift With Platform	443.76	
		For Four-Wheel Drive, Add	*99.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0006	WK	40' Engine Powered, Telescoping Boom Man Lift With Platform	1,116.57	
		For Four-Wheel Drive, Add	*251.23*	
01 22 23 00-0007	MO	40' Engine Powered, Telescoping Boom Man Lift With Platform	2,505.12	
		For Four-Wheel Drive, Add	*563.65*	
01 22 23 00-0008	DAY	60' Engine Powered, Telescoping Boom Man Lift With Platform	651.33	
		For Four-Wheel Drive, Add	*146.55*	
01 22 23 00-0009	WK	60' Engine Powered, Telescoping Boom Man Lift With Platform	1,553.18	
		For Four-Wheel Drive, Add	*349.47*	
01 22 23 00-0010	MO	60' Engine Powered, Telescoping Boom Man Lift With Platform	3,399.81	
		For Four-Wheel Drive, Add	*764.96*	
01 22 23 00-0011	DAY	80' Engine Powered, Telescoping Boom Man Lift With Platform	1,266.88	
		For Four-Wheel Drive, Add	*285.05*	
01 22 23 00-0012	WK	80' Engine Powered, Telescoping Boom Man Lift With Platform	3,070.57	
		For Four-Wheel Drive, Add	*690.88*	
01 22 23 00-0013	MO	80' Engine Powered, Telescoping Boom Man Lift With Platform	6,441.75	
		For Four-Wheel Drive, Add	*1,449.39*	
01 22 23 00-0014	DAY	110' Engine Powered, Telescoping Boom Man Lift With Platform	1,803.69	
		For Four-Wheel Drive, Add	*405.83*	
01 22 23 00-0015	WK	110' Engine Powered, Telescoping Boom Man Lift With Platform	4,343.17	
		For Four-Wheel Drive, Add	*977.21*	
01 22 23 00-0016	MO	110' Engine Powered, Telescoping Boom Man Lift With Platform	10,822.14	
		For Four-Wheel Drive, Add	*2,434.98*	
01 22 23 00-0017	DAY	120' Engine Powered, Telescoping Boom Man Lift With Platform	2,197.35	
		For Four-Wheel Drive, Add	*494.40*	
01 22 23 00-0018	WK	120' Engine Powered, Telescoping Boom Man Lift With Platform	5,604.32	
		For Four-Wheel Drive, Add	*1,260.97*	
01 22 23 00-0019	MO	120' Engine Powered, Telescoping Boom Man Lift With Platform	12,740.35	
		For Four-Wheel Drive, Add	*2,866.58*	

01 22 23 00-0020 Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0002)*

01 22 23 00-0021 Engine Powered, Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0020)*

Note: Diesel or dual fuel (gasoline or liquid propane gas). Four-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0022	DAY	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	429.06	
01 22 23 00-0023	WK	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,076.54	
01 22 23 00-0024	MO	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,589.93	
01 22 23 00-0025	DAY	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	546.07	
01 22 23 00-0026	WK	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,193.55	
01 22 23 00-0027	MO	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,962.82	
01 22 23 00-0028	DAY	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	702.09	
01 22 23 00-0029	WK	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,622.61	
01 22 23 00-0030	MO	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,627.46	
01 22 23 00-0031	DAY	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,224.76	
01 22 23 00-0032	WK	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,886.37	
01 22 23 00-0033	MO	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	7,019.34	
01 22 23 00-0034	DAY	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,379.30	
01 22 23 00-0035	WK	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	5,616.72	
01 22 23 00-0036	MO	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	13,729.76	

01 22 23 00-0037 Electric, Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0020)*

Note: For use on paved surfaces.

01 22 23 00-0038	DAY	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	429.06	
01 22 23 00-0039	WK	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,076.54	
01 22 23 00-0040	MO	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,589.93	
01 22 23 00-0041	DAY	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	429.06	
01 22 23 00-0042	WK	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,076.54	
01 22 23 00-0043	MO	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,589.93	
01 22 23 00-0044	DAY	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	530.47	
01 22 23 00-0045	WK	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,146.75	
01 22 23 00-0046	MO	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,847.36	
01 22 23 00-0047	DAY	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	530.47	
01 22 23 00-0048	WK	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,146.75	
01 22 23 00-0049	MO	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,847.36	

01 22 23 00-0050 Platform Lifts *(01 22 23 00-0001)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-0051 Electric, Scissor Platform Lifts *(01 22 23 00-0050)*

Note: For use on paved surfaces.

01 22 23 00-0052	DAY	17' Electric, Scissor Platform Lift	180.12	
01 22 23 00-0053	WK	17' Electric, Scissor Platform Lift	360.25	
01 22 23 00-0054	MO	17' Electric, Scissor Platform Lift	736.88	
01 22 23 00-0055	DAY	20' Electric, Scissor Platform Lift	196.50	
01 22 23 00-0056	WK	20' Electric, Scissor Platform Lift	393.00	
01 22 23 00-0057	MO	20' Electric, Scissor Platform Lift	786.00	
01 22 23 00-0058	DAY	25' Electric, Scissor Platform Lift	253.81	
01 22 23 00-0059	WK	25' Electric, Scissor Platform Lift	507.62	
01 22 23 00-0060	MO	25' Electric, Scissor Platform Lift	1,088.94	
01 22 23 00-0061	DAY	30' Electric, Scissor Platform Lift	327.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0062	WK	30' Electric, Scissor Platform Lift	646.81	
01 22 23 00-0063	MO	30' Electric, Scissor Platform Lift	1,432.81	
01 22 23 00-0064	DAY	33' Electric, Scissor Platform Lift	352.06	
01 22 23 00-0065	WK	33' Electric, Scissor Platform Lift	687.75	
01 22 23 00-0066	MO	33' Electric, Scissor Platform Lift	1,555.62	
01 22 23 00-0067	DAY	40' Electric, Scissor Platform Lift	458.50	
01 22 23 00-0068	WK	40' Electric, Scissor Platform Lift	1,138.06	
01 22 23 00-0069	MO	40' Electric, Scissor Platform Lift	3,168.56	

01 22 23 00-0070 Engine Powered, Scissor Platform Lifts *(01 22 23 00-0050)*

Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0071	DAY	25' Engine Powered, Scissor Platform Lift	431.82	
		For Four-Wheel Drive, Add	*86.36*	
01 22 23 00-0072	WK	25' Engine Powered, Scissor Platform Lift	844.45	
		For Four-Wheel Drive, Add	*168.89*	
01 22 23 00-0073	MO	25' Engine Powered, Scissor Platform Lift	2,063.14	
		For Four-Wheel Drive, Add	*412.63*	
01 22 23 00-0074	DAY	33' Engine Powered, Scissor Platform Lift	441.42	
		For Four-Wheel Drive, Add	*88.28*	
01 22 23 00-0075	WK	33' Engine Powered, Scissor Platform Lift	1,007.58	
		For Four-Wheel Drive, Add	*201.52*	
01 22 23 00-0076	MO	33' Engine Powered, Scissor Platform Lift	2,207.08	
		For Four-Wheel Drive, Add	*441.42*	
01 22 23 00-0077	DAY	40' Engine Powered, Scissor Platform Lift	489.40	
		For Four-Wheel Drive, Add	*97.88*	
01 22 23 00-0078	WK	40' Engine Powered, Scissor Platform Lift	1,122.73	
		For Four-Wheel Drive, Add	*224.55*	
01 22 23 00-0079	MO	40' Engine Powered, Scissor Platform Lift	2,494.96	
		For Four-Wheel Drive, Add	*498.99*	
01 22 23 00-0080	DAY	43' Engine Powered, Scissor Platform Lift	518.18	
		For Four-Wheel Drive, Add	*103.64*	
01 22 23 00-0081	WK	43' Engine Powered, Scissor Platform Lift	1,209.10	
		For Four-Wheel Drive, Add	*241.82*	
01 22 23 00-0082	MO	43' Engine Powered, Scissor Platform Lift	2,974.76	
		For Four-Wheel Drive, Add	*594.95*	
01 22 23 00-0083	DAY	50' Engine Powered, Scissor Platform Lift	969.20	
		For Four-Wheel Drive, Add	*193.84*	
01 22 23 00-0084	WK	50' Engine Powered, Scissor Platform Lift	2,130.31	
		For Four-Wheel Drive, Add	*426.06*	
01 22 23 00-0085	MO	50' Engine Powered, Scissor Platform Lift	5,239.42	
		For Four-Wheel Drive, Add	*1,047.88*	

01 22 23 00-0086 Personnel Lifts *(01 22 23 00-0001)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces.

01 22 23 00-0087	DAY	24', Push-Type, Electric Single Man Personnel Lift	132.50
01 22 23 00-0088	WK	24', Push-Type, Electric Single Man Personnel Lift	375.41
01 22 23 00-0089	MO	24', Push-Type, Electric Single Man Personnel Lift	758.18
01 22 23 00-0090	DAY	30', Push-Type, Electric Single Man Personnel Lift	184.02
01 22 23 00-0091	WK	30', Push-Type, Electric Single Man Personnel Lift	390.13
01 22 23 00-0092	MO	30', Push-Type, Electric Single Man Personnel Lift	1,324.98
01 22 23 00-0093	DAY	36', Push-Type, Electric Single Man Personnel Lift	309.16
01 22 23 00-0094	WK	36', Push-Type, Electric Single Man Personnel Lift	750.82
01 22 23 00-0095	MO	36', Push-Type, Electric Single Man Personnel Lift	2,193.58
01 22 23 00-0096	DAY	40', Push-Type, Electric Single Man Personnel Lift	331.24
01 22 23 00-0097	WK	40', Push-Type, Electric Single Man Personnel Lift	824.43
01 22 23 00-0098	MO	40', Push-Type, Electric Single Man Personnel Lift	2,480.66
01 22 23 00-0099	DAY	15', Self-Propelled, Electric Single Man Personnel Lift	176.66
01 22 23 00-0100	WK	15', Self-Propelled, Electric Single Man Personnel Lift	353.33
01 22 23 00-0101	MO	15', Self-Propelled, Electric Single Man Personnel Lift	706.66
01 22 23 00-0102	DAY	20', Self-Propelled, Electric Single Man Personnel Lift	176.66
01 22 23 00-0103	WK	20', Self-Propelled, Electric Single Man Personnel Lift	353.33
01 22 23 00-0104	MO	20', Self-Propelled, Electric Single Man Personnel Lift	734.63

01 22 23 00-0105 Bucket Trucks *(01 22 23 00-0001)*

Note: Includes full-time operator, delivery, and removal.

01 22 23 00-0106	DAY	29' Bucket Truck With Full-Time Operator	1,405.10	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-0107	WK	29' Bucket Truck With Full-Time Operator	5,627.60	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-0108	MO	29' Bucket Truck With Full-Time Operator	20,637.39	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-0109	DAY	38' Bucket Truck With Full-Time Operator	1,494.06	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-0110	WK	38' Bucket Truck With Full-Time Operator	5,913.53	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-0111	MO	38' Bucket Truck With Full-Time Operator	21,399.87	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-0112	DAY	48' Bucket Truck With Full-Time Operator	1,722.80	
		For Equipment Without Operator, Deduct	*-706.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0113	WK	48' Bucket Truck With Full-Time Operator	6,326.54	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-0114	MO	48' Bucket Truck With Full-Time Operator	22,289.43	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-0115	DAY	62' Bucket Truck With Full-Time Operator	2,231.12	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-0116	WK	62' Bucket Truck With Full-Time Operator	7,978.58	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-0117	MO	62' Bucket Truck With Full-Time Operator	26,737.23	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-0118	DAY	85' Bucket Truck With Full-Time Operator	2,485.28	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-0119	WK	85' Bucket Truck With Full-Time Operator	8,868.14	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-0120	MO	85' Bucket Truck With Full-Time Operator	29,914.23	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-0121	Day	105' Bucket Truck With Full-Time Operator	2,612.36	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-0122	WK	105' Bucket Truck With Full-Time Operator	9,249.38	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-0123	MO	105' Bucket Truck With Full-Time Operator	30,219.22	
		For Equipment Without Operator, Deduct	*-15,300.03*	

01 22 23 00-0124 Air Equipment *(01 22 23)*

01 22 23 00-0125 Air Compressors *(01 22 23 00-0124)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0126	DAY	100 CFM Diesel Powered Portable Air Compressor	164.24
01 22 23 00-0127	WK	100 CFM Diesel Powered Portable Air Compressor	492.73
01 22 23 00-0128	MO	100 CFM Diesel Powered Portable Air Compressor	1,368.69
01 22 23 00-0129	DAY	130 CFM Diesel Powered Portable Air Compressor	197.09
01 22 23 00-0130	WK	130 CFM Diesel Powered Portable Air Compressor	580.32
01 22 23 00-0131	MO	130 CFM Diesel Powered Portable Air Compressor	1,642.42
01 22 23 00-0132	DAY	185 CFM Diesel Powered Portable Air Compressor	262.79
01 22 23 00-0133	WK	185 CFM Diesel Powered Portable Air Compressor	591.27
01 22 23 00-0134	MO	185 CFM Diesel Powered Portable Air Compressor	1,302.99
01 22 23 00-0135	DAY	375 CFM Diesel Powered Portable Air Compressor	372.28
01 22 23 00-0136	WK	375 CFM Diesel Powered Portable Air Compressor	941.66
01 22 23 00-0137	MO	375 CFM Diesel Powered Portable Air Compressor	2,244.65
01 22 23 00-0138	DAY	600 CFM Diesel Powered Portable Air Compressor	827.78
01 22 23 00-0139	WK	600 CFM Diesel Powered Portable Air Compressor	1,992.81
01 22 23 00-0140	MO	600 CFM Diesel Powered Portable Air Compressor	4,966.69
01 22 23 00-0141	DAY	750 CFM Diesel Powered Portable Air Compressor	996.40
01 22 23 00-0142	WK	750 CFM Diesel Powered Portable Air Compressor	2,452.69
01 22 23 00-0143	MO	750 CFM Diesel Powered Portable Air Compressor	6,022.22
01 22 23 00-0144	DAY	825 CFM Diesel Powered Portable Air Compressor	996.40
01 22 23 00-0145	WK	825 CFM Diesel Powered Portable Air Compressor	2,452.69
01 22 23 00-0146	MO	825 CFM Diesel Powered Portable Air Compressor	6,022.22
01 22 23 00-0147	DAY	1,300 CFM Diesel Powered Portable Air Compressor	1,160.65
01 22 23 00-0148	WK	1,300 CFM Diesel Powered Portable Air Compressor	2,601.60
01 22 23 00-0149	MO	1,300 CFM Diesel Powered Portable Air Compressor	6,937.60
01 22 23 00-0150	DAY	1,600 CFM Diesel Powered Portable Air Compressor	1,445.33
01 22 23 00-0151	WK	1,600 CFM Diesel Powered Portable Air Compressor	3,252.00
01 22 23 00-0152	MO	1,600 CFM Diesel Powered Portable Air Compressor	8,672.00

01 22 23 00-0153 Portable Negative Air Machines *(01 22 23 00-0124)*

Note: A Negative Air Machine is used in a sealed containment area to filter air and exhaust the filtered air through ducting to a location outside the sealed containment area. Includes delivery to job site and pick-up when complete. Excludes all filters and duct.

01 22 23 00-0154	DAY	Up To 2,000 CFM, Portable Negative Air Machine	81.38
01 22 23 00-0155	WK	Up To 2,000 CFM, Portable Negative Air Machine	334.24
01 22 23 00-0156	MO	Up To 2,000 CFM, Portable Negative Air Machine	1,009.97
01 22 23 00-0157	EA	First Stage Pre-Filter For Portable Negative Air Machines	15.49
01 22 23 00-0158	EA	Second Stage Pre-Filter For Portable Negative Air Machines	36.20
01 22 23 00-0159	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Negative Air Machines	188.82
01 22 23 00-0160	LF	Flexible Exhaust Duct For Portable Negative Air Machines	2.38

01 22 23 00-0161 Portable Air Scrubbers *(01 22 23 00-0124)*

Note: A Portable Air Scrubber filters and recirculates the filtered air into the same space and does not use ducting to exhaust the filtered air to a different location. Includes delivery to job site and pick-up when complete. Excludes all filters.

01 22 23 00-0162	DAY	Up To 1,000 CFM, Portable Air Scrubber	90.48
01 22 23 00-0163	WK	Up To 1,000 CFM, Portable Air Scrubber	376.08
01 22 23 00-0164	MO	Up To 1,000 CFM, Portable Air Scrubber	1,041.05
01 22 23 00-0165	DAY	>1,000 to 2,000 CFM, Portable Air Scrubber	114.46
01 22 23 00-0166	WK	>1,000 to 2,000 CFM, Portable Air Scrubber	474.19
01 22 23 00-0167	MO	>1,000 to 2,000 CFM, Portable Air Scrubber	1,389.88
01 22 23 00-0168	DAY	>2,000 To 5,000 CFM, Portable Air Scrubber	147.16
01 22 23 00-0169	WK	>2,000 To 5,000 CFM, Portable Air Scrubber	626.81
01 22 23 00-0170	MO	>2,000 To 5,000 CFM, Portable Air Scrubber	1,755.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0171	EA	First Stage Pre-Filter For Portable Air Scrubbers	22.03	
01 22 23 00-0172	EA	Second Stage Pre-Filter For Portable Air Scrubbers	30.75	
01 22 23 00-0173	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Air Scrubbers	319.63	

01 22 23 00-0174 Mobile Ceiling Access Carts For Containment And Filtration(HEPACART HC74) *(01 22 23 00-0124)*

Note: A two person, end entry ceiling access cart with aluminum frame and caster, ICRA LEVEL I-IV compliant, HEPA filtered negative air machine, negative air indicator, 25' retractable extension cord, 10'-6" telescoping antimicrobial enclosure and LED lighting. Includes first and second stage pre-filters, HEPA filter, delivery to job site and pick-up when complete.

01 22 23 00-0175	DAY	750 CFM, Mobile Ceiling Access Cart For Containment And Filtration (HEPACART HC74)	269.53	
01 22 23 00-0176	WK	750 CFM, Mobile Ceiling Access Cart For Containment And Filtration (HEPACART HC74)	879.99	
01 22 23 00-0177	MO	750 CFM, Mobile Ceiling Access Cart For Containment And Filtration (HEPACART HC74)	2,879.55	

01 22 23 00-0178 Compaction And Paving Equipment *(01 22 23)*

01 22 23 00-0179 Pavers And Rollers *(01 22 23 00-0178)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0180 Pavers *(01 22 23 00-0179)*

01 22 23 00-0181	DAY	10' Wide Paving Machine With Full-Time Operator	4,194.37	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0182	WK	10' Wide Paving Machine With Full-Time Operator	17,693.60	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0183	MO	10' Wide Paving Machine With Full-Time Operator	66,682.12	
		For Equipment Without Operator, Deduct	*-19,848.71*	

01 22 23 00-0184 Ride-On Self-Propelled, Rubber Tire Rollers *(01 22 23 00-0179)*

01 22 23 00-0185	DAY	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	1,273.11	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0186	WK	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	5,660.30	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0187	MO	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	22,780.03	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0188	DAY	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	1,410.91	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0189	WK	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	6,685.01	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0190	MO	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	24,327.11	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0191	DAY	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	1,417.17	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0192	WK	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	6,277.88	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0193	MO	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	24,627.76	
		For Equipment Without Operator, Deduct	*-19,848.71*	

01 22 23 00-0194 Ride-On Self-Propelled, Padfoot Rollers *(01 22 23 00-0179)*

01 22 23 00-0195	DAY	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,329.48	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0196	WK	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,726.69	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0197	MO	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	23,162.10	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0198	DAY	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,592.55	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0199	WK	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,259.09	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0200	MO	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	24,840.72	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0201	DAY	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,655.18	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0202	WK	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,653.69	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0203	MO	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	25,943.10	
		For Equipment Without Operator, Deduct	*-19,848.71*	

01 22 23 00-0204 Towed, Padfoot Rollers *(01 22 23 00-0179)*

01 22 23 00-0205	DAY	48" Wide, 40" Diameter, Towed Padfoot Roller	119.01	
01 22 23 00-0206	WK	48" Wide, 40" Diameter, Towed Padfoot Roller	344.49	
01 22 23 00-0207	MO	48" Wide, 40" Diameter, Towed Padfoot Roller	1,014.69	
01 22 23 00-0208	DAY	60" Wide, 60" Diameter, Towed Padfoot Roller	150.32	
01 22 23 00-0209	WK	60" Wide, 60" Diameter, Towed Padfoot Roller	419.65	
01 22 23 00-0210	MO	60" Wide, 60" Diameter, Towed Padfoot Roller	1,785.10	

01 22 23 00-0211 Static Rollers *(01 22 23 00-0179)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0212	DAY	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	1,360.80	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0213	WK	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	5,996.02	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0214	MO	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	24,045.25	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0215	DAY	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	1,498.60	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0216	WK	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	6,371.83	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0217	MO	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	25,085.00	
		For Equipment Without Operator, Deduct	*-19,848.71*	

01 22 23 00-0218 Ride-On Self-Propelled, Smooth Drum Vibratory Rollers *(01 22 23 00-0179)*

01 22 23 00-0219	DAY	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,160.37	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0220	WK	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,294.51	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0221	MO	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	21,727.76	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0222	DAY	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,254.32	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0223	WK	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,576.37	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0224	MO	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	22,479.38	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0225	DAY	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,316.95	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0226	WK	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,764.27	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0227	MO	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	22,980.46	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0228	DAY	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,398.38	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0229	WK	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,002.28	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0230	MO	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	23,600.55	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0231	DAY	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,561.23	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0232	WK	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,478.31	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0233	MO	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	24,859.51	
		For Equipment Without Operator, Deduct	*-19,848.71*	

01 22 23 00-0234 Steel Roadway Plates *(01 22 23 00-0178)*

Note: 3 day minimum. Excludes delivery. See CSI section 01 71 13 00-0001 for material delivery on truck.

01 22 23 00-0235	EA	Placement And Removal Of Steel Roadway Plates	56.42
01 22 23 00-0236	DAY	1" x 4' x 8' Steel Plate	38.04
01 22 23 00-0237	WK	1" x 4' x 8' Steel Plate	89.83
01 22 23 00-0238	MO	1" x 4' x 8' Steel Plate	118.21
01 22 23 00-0239	DAY	1" x 4' x 10' Steel Plate	50.73
01 22 23 00-0240	WK	1" x 4' x 10' Steel Plate	114.13
01 22 23 00-0241	MO	1" x 4' x 10' Steel Plate	139.50
01 22 23 00-0242	DAY	1" x 5' x 10' Steel Plate	52.84
01 22 23 00-0243	WK	1" x 5' x 10' Steel Plate	119.42
01 22 23 00-0244	MO	1" x 5' x 10' Steel Plate	317.04
01 22 23 00-0245	DAY	1" x 6' x 8' Steel Plate	33.82
01 22 23 00-0246	WK	1" x 6' x 8' Steel Plate	76.09
01 22 23 00-0247	MO	1" x 6' x 8' Steel Plate	202.91
01 22 23 00-0248	DAY	1" x 6' x 10' Steel Plate	63.41
01 22 23 00-0249	WK	1" x 6' x 10' Steel Plate	83.49
01 22 23 00-0250	MO	1" x 6' x 10' Steel Plate	222.98
01 22 23 00-0251	DAY	1" x 6' x 12' Steel Plate	88.77
01 22 23 00-0252	WK	1" x 6' x 12' Steel Plate	113.61
01 22 23 00-0253	MO	1" x 6' x 12' Steel Plate	307.53
01 22 23 00-0254	DAY	1" x 8' x 10' Steel Plate	56.01
01 22 23 00-0255	WK	1" x 8' x 10' Steel Plate	125.76
01 22 23 00-0256	MO	1" x 8' x 10' Steel Plate	335.01
01 22 23 00-0257	DAY	1" x 8' x 12' Steel Plate	101.45
01 22 23 00-0258	WK	1" x 8' x 12' Steel Plate	125.76
01 22 23 00-0259	MO	1" x 8' x 12' Steel Plate	608.72
01 22 23 00-0260	DAY	1" x 8' x 16' Steel Plate	135.27
01 22 23 00-0261	WK	1" x 8' x 16' Steel Plate	304.36
01 22 23 00-0262	MO	1" x 8' x 16' Steel Plate	811.62
01 22 23 00-0263	DAY	1-1/4" x 8' x 10' Steel Plate	67.21
01 22 23 00-0264	WK	1-1/4" x 8' x 10' Steel Plate	150.91
01 22 23 00-0265	MO	1-1/4" x 8' x 10' Steel Plate	402.01
01 22 23 00-0266	DAY	1-1/2" x 8' x 15' Steel Plate	155.56
01 22 23 00-0267	WK	1-1/2" x 8' x 15' Steel Plate	350.01
01 22 23 00-0268	MO	1-1/2" x 8' x 15' Steel Plate	933.37

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0269	LF	Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate	2.49	1.09
01 22 23 00-0270	EA	Removal And Resetting Of Steel Roadway Plate	31.34	

01 22 23 00-0271 Street Sweepers *(01 22 23 00-0178)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0272	DAY	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	1,104.40	
		For Equipment Without Operator, Deduct	*-912.39*	
01 22 23 00-0273	WK	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	5,322.82	
		For Equipment Without Operator, Deduct	*-4,561.94*	
01 22 23 00-0274	MO	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	22,479.26	
		For Equipment Without Operator, Deduct	*-19,768.43*	
01 22 23 00-0275	DAY	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	1,833.80	
		For Equipment Without Operator, Deduct	*-912.39*	
01 22 23 00-0276	WK	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	8,252.68	
		For Equipment Without Operator, Deduct	*-4,561.94*	
01 22 23 00-0277	MO	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	32,939.78	
		For Equipment Without Operator, Deduct	*-19,768.43*	

01 22 23 00-0278 Earthmoving Equipment *(01 22 23)*

01 22 23 00-0279 Skid-Steer Loaders *(01 22 23 00-0278)*

Note: Includes full-time operator and combination bucket and dozer blade attachments. Add extra attachments where necessary. Excludes delivery, set-up, and removal.

01 22 23 00-0280	DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	1,332.29	
		For Equipment Without Operator, Deduct	*-912.39*	
01 22 23 00-0281	WK	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	5,663.52	
		For Equipment Without Operator, Deduct	*-4,561.94*	
01 22 23 00-0282	MO	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	22,421.35	
		For Equipment Without Operator, Deduct	*-19,768.43*	
01 22 23 00-0283	DAY	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	1,442.97	
		For Equipment Without Operator, Deduct	*-912.39*	
01 22 23 00-0284	WK	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	5,863.80	
		For Equipment Without Operator, Deduct	*-4,561.94*	
01 22 23 00-0285	MO	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	22,860.57	
		For Equipment Without Operator, Deduct	*-19,768.43*	
01 22 23 00-0286	DAY	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	1,474.60	
		For Equipment Without Operator, Deduct	*-912.39*	
01 22 23 00-0287	WK	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	6,151.93	
		For Equipment Without Operator, Deduct	*-4,561.94*	
01 22 23 00-0288	MO	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	23,624.83	
		For Equipment Without Operator, Deduct	*-19,768.43*	
01 22 23 00-0289	DAY	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,597.58	
		For Equipment Without Operator, Deduct	*-912.39*	
01 22 23 00-0290	WK	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	6,556.02	
		For Equipment Without Operator, Deduct	*-4,561.94*	
01 22 23 00-0291	MO	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	24,960.07	
		For Equipment Without Operator, Deduct	*-19,768.43*	
01 22 23 00-0292	DAY	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,808.41	
		For Equipment Without Operator, Deduct	*-912.39*	
01 22 23 00-0293	WK	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	7,355.41	
		For Equipment Without Operator, Deduct	*-4,561.94*	
01 22 23 00-0294	MO	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	26,927.80	
		For Equipment Without Operator, Deduct	*-19,768.43*	
01 22 23 00-0295	DAY	Hydraulic Hammer Attachment For Skid-Steer Loaders	351.38	
01 22 23 00-0296	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders	1,168.34	
01 22 23 00-0297	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders	3,109.71	
01 22 23 00-0298	DAY	Forklift Attachment For Skid-Steer Loaders	75.55	
01 22 23 00-0299	WK	Forklift Attachment For Skid-Steer Loaders	202.04	
01 22 23 00-0300	MO	Forklift Attachment For Skid-Steer Loaders	570.99	
01 22 23 00-0301	DAY	Backhoe Attachment For Skid-Steer Loaders	166.91	
01 22 23 00-0302	WK	Backhoe Attachment For Skid-Steer Loaders	400.57	
01 22 23 00-0303	MO	Backhoe Attachment For Skid-Steer Loaders	996.16	
01 22 23 00-0304	DAY	Broom Attachment For Skid-Steer Loaders	165.15	
01 22 23 00-0305	WK	Broom Attachment For Skid-Steer Loaders	448.01	
01 22 23 00-0306	MO	Broom Attachment For Skid-Steer Loaders	1,185.91	
01 22 23 00-0307	DAY	Concrete Pump Attachment For Skid-Steer Loaders	351.38	
01 22 23 00-0308	WK	Concrete Pump Attachment For Skid-Steer Loaders	1,168.34	
01 22 23 00-0309	MO	Concrete Pump Attachment For Skid-Steer Loaders	3,109.71	
01 22 23 00-0310	DAY	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	144.07	
01 22 23 00-0311	WK	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	397.06	
01 22 23 00-0312	MO	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	1,084.01	
01 22 23 00-0313	DAY	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	39.71	
01 22 23 00-0314	WK	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	103.89	
01 22 23 00-0315	MO	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	305.54	
01 22 23 00-0316	DAY	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	53.46	
01 22 23 00-0317	WK	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	132.91	
01 22 23 00-0318	MO	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	397.22	
01 22 23 00-0319	DAY	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	77.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0320	WK	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	236.81	
01 22 23 00-0321	MO	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	702.76	
01 22 23 00-0322	DAY	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	15.81	
01 22 23 00-0323	WK	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	36.89	
01 22 23 00-0324	MO	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	98.39	

01 22 23 00-0325 Bulldozers *(01 22 23 00-0278)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0326	DAY	70 HP, D3 Bulldozer With Full-Time Operator	1,229.80	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0327	WK	70 HP, D3 Bulldozer With Full-Time Operator	5,817.54	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0328	MO	70 HP, D3 Bulldozer With Full-Time Operator	23,518.49	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0329	DAY	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	1,377.77	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0330	WK	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	6,415.36	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0331	MO	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	25,353.38	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0332	DAY	140 HP, D6 Bulldozer With Full-Time Operator	1,798.02	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0333	WK	140 HP, D6 Bulldozer With Full-Time Operator	8,096.36	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0334	MO	140 HP, D6 Bulldozer With Full-Time Operator	30,384.53	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0335	DAY	200 HP, D7 Bulldozer With Full-Time Operator	2,170.92	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0336	WK	200 HP, D7 Bulldozer With Full-Time Operator	9,593.86	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0337	MO	200 HP, D7 Bulldozer With Full-Time Operator	34,882.97	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0338	DAY	335 HP, D8 Bulldozer With Full-Time Operator	2,614.84	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0339	WK	335 HP, D8 Bulldozer With Full-Time Operator	11,369.56	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0340	MO	335 HP, D8 Bulldozer With Full-Time Operator	40,210.07	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0341	DAY	460 HP, D9 Bulldozer With Full-Time Operator	2,863.44	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0342	WK	460 HP, D9 Bulldozer With Full-Time Operator	12,358.04	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0343	MO	460 HP, D9 Bulldozer With Full-Time Operator	43,169.57	
		For Equipment Without Operator, Deduct	*-19,848.71*	

01 22 23 00-0344 Motor Scraper *(01 22 23 00-0278)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0345	DAY	11 CY Motor Scraper-Hauler With Full-Time Operator	2,188.26	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0346	WK	11 CY Motor Scraper-Hauler With Full-Time Operator	9,669.15	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0347	MO	11 CY Motor Scraper-Hauler With Full-Time Operator	35,097.33	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0348	DAY	18 CY Motor Scraper-Hauler With Full-Time Operator	2,702.36	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0349	WK	18 CY Motor Scraper-Hauler With Full-Time Operator	11,725.54	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0350	MO	18 CY Motor Scraper-Hauler With Full-Time Operator	41,283.92	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0351	DAY	24 CY Motor Scraper-Hauler With Full-Time Operator	3,199.03	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0352	WK	24 CY Motor Scraper-Hauler With Full-Time Operator	13,703.50	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0353	MO	24 CY Motor Scraper-Hauler With Full-Time Operator	47,209.10	
		For Equipment Without Operator, Deduct	*-19,848.71*	

01 22 23 00-0354 Hydraulic Excavators *(01 22 23 00-0278)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0355	DAY	3/8 CY Hydraulic Excavator With Full-Time Operator	1,263.45	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0356	WK	3/8 CY Hydraulic Excavator With Full-Time Operator	5,809.08	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0357	MO	3/8 CY Hydraulic Excavator With Full-Time Operator	23,965.51	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0358	DAY	1/2 CY Hydraulic Excavator With Full-Time Operator	1,361.22	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0359	WK	1/2 CY Hydraulic Excavator With Full-Time Operator	6,240.05	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0360	MO	1/2 CY Hydraulic Excavator With Full-Time Operator	25,689.42	
		For Equipment Without Operator, Deduct	*-19,848.71*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0361	DAY	5/8 CY Hydraulic Excavator With Full-Time Operator	1,392.09	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0362	WK	5/8 CY Hydraulic Excavator With Full-Time Operator	6,400.87	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0363	MO	5/8 CY Hydraulic Excavator With Full-Time Operator	25,972.45	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0364	DAY	3/4 CY Hydraulic Excavator With Full-Time Operator	1,424.26	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0365	WK	3/4 CY Hydraulic Excavator With Full-Time Operator	6,548.81	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0366	MO	3/4 CY Hydraulic Excavator With Full-Time Operator	26,255.48	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0367	DAY	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	1,449.99	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0368	WK	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	6,703.19	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0369	MO	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	26,538.51	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0370	DAY	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	1,797.34	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0371	WK	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	8,086.18	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0372	MO	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	30,365.85	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0373	DAY	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	1,848.80	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0374	WK	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	8,311.32	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0375	MO	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	31,041.26	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0376	DAY	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	1,945.29	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0377	WK	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	8,697.27	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0378	MO	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	32,199.11	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0379	DAY	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	2,054.64	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0380	WK	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	9,128.25	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0381	MO	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	33,485.61	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0382	DAY	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	2,086.81	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0383	WK	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	9,256.90	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0384	MO	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	33,871.56	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0385	DAY	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	2,395.57	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0386	WK	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	10,498.37	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0387	MO	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	37,602.41	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0388	DAY	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	2,839.41	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0389	WK	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	12,260.87	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0390	MO	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	42,877.06	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0391	DAY	6 To 11 CY Hydraulic Excavator With Full-Time Operator	3,386.17	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0392	WK	6 To 11 CY Hydraulic Excavator With Full-Time Operator	14,447.93	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0393	MO	6 To 11 CY Hydraulic Excavator With Full-Time Operator	49,438.21	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0394	DAY	Up To 50' Depth, 50,000 LB Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator	1,971.02	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0395	WK	Up To 50' Depth, 50,000 LB Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator	8,787.33	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0396	MO	Up To 50' Depth, 50,000 LB Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator	32,456.41	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0397	DAY	Thumbs Or Grapple Attachment For Hydraulic Excavators	90.06	
01 22 23 00-0398	WK	Thumbs Or Grapple Attachment For Hydraulic Excavators	347.36	
01 22 23 00-0399	MO	Thumbs Or Grapple Attachment For Hydraulic Excavators	1,029.20	
01 22 23 00-0400	DAY	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	398.82	
01 22 23 00-0401	WK	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,054.93	
01 22 23 00-0402	MO	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	2,952.52	
01 22 23 00-0403	DAY	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	617.52	
01 22 23 00-0404	WK	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,575.96	
01 22 23 00-0405	MO	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	4,097.50	
01 22 23 00-0406	DAY	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	861.96	
01 22 23 00-0407	WK	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	2,322.13	
01 22 23 00-0408	MO	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	6,509.69	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0409	DAY	24" Compaction Wheel Attachment For Hydraulic Excavators	180.11	
01 22 23 00-0410	WK	24" Compaction Wheel Attachment For Hydraulic Excavators	720.44	
01 22 23 00-0411	MO	24" Compaction Wheel Attachment For Hydraulic Excavators	2,161.32	
01 22 23 00-0412	DAY	36" Compaction Wheel Attachment For Hydraulic Excavators	257.30	
01 22 23 00-0413	WK	36" Compaction Wheel Attachment For Hydraulic Excavators	1,029.20	
01 22 23 00-0414	MO	36" Compaction Wheel Attachment For Hydraulic Excavators	3,087.60	
01 22 23 00-0415	DAY	48" Compaction Wheel Attachment For Hydraulic Excavators	283.03	
01 22 23 00-0416	WK	48" Compaction Wheel Attachment For Hydraulic Excavators	1,119.26	
01 22 23 00-0417	MO	48" Compaction Wheel Attachment For Hydraulic Excavators	3,344.90	

01 22 23 00-0418 Mini-Excavators *(01 22 23 00-0278)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0419	DAY	2,000 LB Mini-Excavator With Full-Time Operator	1,186.25	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0420	WK	2,000 LB Mini-Excavator With Full-Time Operator	5,345.94	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0421	MO	2,000 LB Mini-Excavator With Full-Time Operator	21,534.03	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0422	DAY	3,500 LB Mini-Excavator With Full-Time Operator	1,192.69	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0423	WK	3,500 LB Mini-Excavator With Full-Time Operator	5,365.23	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0424	MO	3,500 LB Mini-Excavator With Full-Time Operator	21,939.27	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0425	DAY	6,000 LB Mini-Excavator With Full-Time Operator	1,224.85	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0426	WK	6,000 LB Mini-Excavator With Full-Time Operator	5,455.29	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0427	MO	6,000 LB Mini-Excavator With Full-Time Operator	21,997.17	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0428	DAY	7,500 LB Mini-Excavator With Full-Time Operator	1,237.71	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0429	WK	7,500 LB Mini-Excavator With Full-Time Operator	5,500.32	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0430	MO	7,500 LB Mini-Excavator With Full-Time Operator	22,022.89	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0431	DAY	9,500 LB Mini-Excavator With Full-Time Operator	1,314.91	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0432	WK	9,500 LB Mini-Excavator With Full-Time Operator	5,564.64	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0433	MO	9,500 LB Mini-Excavator With Full-Time Operator	22,769.07	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0434	DAY	11,000 LB Mini-Excavator With Full-Time Operator	1,321.34	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0435	WK	11,000 LB Mini-Excavator With Full-Time Operator	5,886.27	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0436	MO	11,000 LB Mini-Excavator With Full-Time Operator	22,801.23	
		For Equipment Without Operator, Deduct	*-19,848.71*	

01 22 23 00-0437 Telescopic Hydraulic Excavators (Gradall) *(01 22 23 00-0278)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0438	DAY	Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator	2,861.20	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0439	WK	Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator	12,352.23	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0440	MO	Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator	47,587.23	
		For Equipment Without Operator, Deduct	*-19,848.71*	

01 22 23 00-0441 Road Graders *(01 22 23 00-0278)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0442	DAY	60 HP Road Grader With Full-Time Operator	1,636.52	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0443	WK	60 HP Road Grader With Full-Time Operator	6,529.33	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0444	MO	60 HP Road Grader With Full-Time Operator	25,676.82	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0445	DAY	80 HP Road Grader With Full-Time Operator	1,848.96	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0446	WK	80 HP Road Grader With Full-Time Operator	7,120.46	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0447	MO	80 HP Road Grader With Full-Time Operator	27,468.67	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0448	DAY	130 HP Road Grader With Full-Time Operator	1,705.10	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0449	WK	130 HP Road Grader With Full-Time Operator	7,736.52	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0450	MO	130 HP Road Grader With Full-Time Operator	31,127.43	
		For Equipment Without Operator, Deduct	*-19,848.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0451		**Loader-Backhoes With Standard Bucket** *(01 22 23 00-0278)* Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0452	DAY	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	1,269.73	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0453	WK	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	5,420.37	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0454	MO	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	21,825.31	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0455	DAY	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	1,307.62	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0456	WK	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	5,552.98	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0457	MO	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	22,633.63	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0458	DAY	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	1,366.03	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0459	WK	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	5,698.23	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0460	MO	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	23,050.41	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0461	DAY	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	1,626.53	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0462	WK	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	6,474.97	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0463	MO	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	25,273.29	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0464		**Heavy Duty Construction Loaders** *(01 22 23 00-0278)* Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0465	DAY	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	1,408.63	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0466	WK	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	6,527.89	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0467	MO	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	25,683.39	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0468	DAY	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	1,817.81	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0469	WK	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	6,974.96	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0470	MO	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	25,910.71	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0471	DAY	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	1,908.74	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0472	WK	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	7,217.44	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0473	MO	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	26,516.91	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0474	DAY	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	2,158.80	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0475	WK	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	7,876.68	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0476	MO	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	28,183.96	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0477	DAY	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	2,802.89	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0478	WK	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	12,112.51	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0479	MO	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	42,429.66	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0480	DAY	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	7,046.21	
		For Equipment Without Operator, Deduct	*-916.09*	
01 22 23 00-0481	WK	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	24,486.35	
		For Equipment Without Operator, Deduct	*-4,580.47*	
01 22 23 00-0482	MO	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	74,097.62	
		For Equipment Without Operator, Deduct	*-19,848.71*	
01 22 23 00-0483		**Shoring** *(01 22 23 00-0278)* Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0484		**Aluminum Hydraulic Shoring** *(01 22 23 00-0483)* Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.		
01 22 23 00-0485	WK	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	112.57	
01 22 23 00-0486	MO	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	332.04	
01 22 23 00-0487	WK	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	151.01	
01 22 23 00-0488	MO	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	445.42	
01 22 23 00-0489	WK	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	280.02	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0490	MO	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	826.04	
01 22 23 00-0491	EA	Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores	27.97	
01 22 23 00-0492	EA	Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores	44.76	
01 22 23 00-0493	EA	Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores	74.59	

01 22 23 00-0494 Trench Boxes/Trench Shields *(01 22 23 00-0278)*

Note: Trenching tasks include moving the trench box in excavation as trenching proceeds. Includes delivery to job site and pick-up when complete. For stackable units, combine multiple units for depth required.

01 22 23 00-0495	WK	4' x 6' Trench Box With Up To 48" Spreaders	170.50	
01 22 23 00-0496	MO	4' x 6' Trench Box With Up To 48" Spreaders	511.50	
01 22 23 00-0497	WK	6' x 6' Trench Box With Up To 48" Spreaders	192.50	
01 22 23 00-0498	MO	6' x 6' Trench Box With Up To 48" Spreaders	577.50	
01 22 23 00-0499	WK	8' x 6' Trench Box With Up To 48" Spreaders	203.50	
01 22 23 00-0500	MO	8' x 6' Trench Box With Up To 48" Spreaders	610.50	
01 22 23 00-0501	WK	4' x 8' Trench Box With Up To 48" Spreaders	187.00	
01 22 23 00-0502	MO	4' x 8' Trench Box With Up To 48" Spreaders	561.00	
01 22 23 00-0503	WK	6' x 8' Trench Box With Up To 48" Spreaders	220.00	
01 22 23 00-0504	MO	6' x 8' Trench Box With Up To 48" Spreaders	660.00	
01 22 23 00-0505	WK	8' x 8' Trench Box With Up To 48" Spreaders	247.50	
01 22 23 00-0506	MO	8' x 8' Trench Box With Up To 48" Spreaders	742.50	
01 22 23 00-0507	WK	4' x 10' Trench Box With Up To 48" Spreaders	209.00	
01 22 23 00-0508	MO	4' x 10' Trench Box With Up To 48" Spreaders	627.00	
01 22 23 00-0509	WK	6' x 10' Trench Box With Up To 48" Spreaders	247.50	
01 22 23 00-0510	MO	6' x 10' Trench Box With Up To 48" Spreaders	742.50	
01 22 23 00-0511	WK	8' x 10' Trench Box With Up To 48" Spreaders	302.50	
01 22 23 00-0512	MO	8' x 10' Trench Box With Up To 48" Spreaders	902.00	
01 22 23 00-0513	WK	4' x 12' Trench Box With Up To 48" Spreaders	247.50	
01 22 23 00-0514	MO	4' x 12' Trench Box With Up To 48" Spreaders	742.50	
01 22 23 00-0515	WK	6' x 12' Trench Box With Up To 48" Spreaders	302.50	
01 22 23 00-0516	MO	6' x 12' Trench Box With Up To 48" Spreaders	907.50	
01 22 23 00-0517	WK	8' x 12' Trench Box With Up To 48" Spreaders	385.00	
01 22 23 00-0518	MO	8' x 12' Trench Box With Up To 48" Spreaders	1,155.00	
01 22 23 00-0519	WK	4' x 14' Trench Box With Up To 48" Spreaders	275.00	
01 22 23 00-0520	MO	4' x 14' Trench Box With Up To 48" Spreaders	825.00	
01 22 23 00-0521	WK	6' x 14' Trench Box With Up To 48" Spreaders	357.50	
01 22 23 00-0522	MO	6' x 14' Trench Box With Up To 48" Spreaders	1,072.50	
01 22 23 00-0523	WK	8' x 14' Trench Box With Up To 48" Spreaders	440.00	
01 22 23 00-0524	MO	8' x 14' Trench Box With Up To 48" Spreaders	1,320.00	
01 22 23 00-0525	WK	4' x 16' Trench Box With Up To 48" Spreaders	302.50	
01 22 23 00-0526	MO	4' x 16' Trench Box With Up To 48" Spreaders	907.50	
01 22 23 00-0527	WK	6' x 16' Trench Box With Up To 48" Spreaders	412.50	
01 22 23 00-0528	MO	6' x 16' Trench Box With Up To 48" Spreaders	1,237.50	
01 22 23 00-0529	WK	8' x 16' Trench Box With Up To 48" Spreaders	495.00	
01 22 23 00-0530	MO	8' x 16' Trench Box With Up To 48" Spreaders	1,485.00	
01 22 23 00-0531	WK	4' x 20' Trench Box With Up To 48" Spreaders	357.50	
01 22 23 00-0532	MO	4' x 20' Trench Box With Up To 48" Spreaders	1,072.50	
01 22 23 00-0533	WK	6' x 20' Trench Box With Up To 48" Spreaders	495.00	
01 22 23 00-0534	MO	6' x 20' Trench Box With Up To 48" Spreaders	1,485.00	
01 22 23 00-0535	WK	8' x 20' Trench Box With Up To 48" Spreaders	577.50	
01 22 23 00-0536	MO	8' x 20' Trench Box With Up To 48" Spreaders	1,732.50	
01 22 23 00-0537	WK	4' x 24' Trench Box With Up To 48" Spreaders	495.00	
01 22 23 00-0538	MO	4' x 24' Trench Box With Up To 48" Spreaders	1,485.00	
01 22 23 00-0539	WK	6' x 24' Trench Box With Up To 48" Spreaders	605.00	
01 22 23 00-0540	MO	6' x 24' Trench Box With Up To 48" Spreaders	1,815.00	
01 22 23 00-0541	WK	8' x 24' Trench Box With Up To 48" Spreaders	660.00	
01 22 23 00-0542	MO	8' x 24' Trench Box With Up To 48" Spreaders	1,980.00	
01 22 23 00-0543	WK	For Spreaders >48" To 84", Add	16.50	
01 22 23 00-0544	MO	For Spreaders >48" To 84", Add	49.50	
01 22 23 00-0545	WK	For Spreaders >84" To 120", Add	99.00	
01 22 23 00-0546	MO	For Spreaders >84" To 120", Add	297.00	
01 22 23 00-0547	WK	For Spreaders >120", Add	209.00	
01 22 23 00-0548	MO	For Spreaders >120", Add	627.00	
01 22 23 00-0549	WK	8' x 4' Manhole Box	259.88	
01 22 23 00-0550	MO	8' x 4' Manhole Box	779.63	
01 22 23 00-0551	WK	8' x 8' Manhole Box	371.25	
01 22 23 00-0552	MO	8' x 8' Manhole Box	1,113.75	

01 22 23 00-0553 Trenchers *(01 22 23 00-0278)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0554	DAY	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	1,296.49	
		For Equipment Without Operator, Deduct	*-912.39*	
01 22 23 00-0555	WK	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	5,870.27	
		For Equipment Without Operator, Deduct	*-4,561.94*	
01 22 23 00-0556	MO	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	23,369.33	
		For Equipment Without Operator, Deduct	*-19,768.43*	
01 22 23 00-0557	DAY	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	1,944.65	
		For Equipment Without Operator, Deduct	*-912.39*	
01 22 23 00-0558	WK	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	8,054.81	
		For Equipment Without Operator, Deduct	*-4,561.94*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0559	MO	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	29,370.83	
		For Equipment Without Operator, Deduct	*-19,768.43*	
01 22 23 00-0560		**Truck Mounted Vacuum Excavator** *(01 22 23 00-0278)*		
		Note: Includes driver, delivery, and removal.		
01 22 23 00-0561	DAY	Truck Mounted Vacuum Excavator With Full-time Operator	7,830.13	
01 22 23 00-0562		**Tractors** *(01 22 23 00-0278)*		
		Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-0563	DAY	20 To 29 HP Tractor	544.46	
01 22 23 00-0564	WK	20 To 29 HP Tractor	1,310.73	
01 22 23 00-0565	MO	20 To 29 HP Tractor	3,538.96	
01 22 23 00-0566	DAY	30 To 35 HP Tractor	564.14	
01 22 23 00-0567	WK	30 To 35 HP Tractor	1,452.36	
01 22 23 00-0568	MO	30 To 35 HP Tractor	4,021.00	
01 22 23 00-0569	DAY	40 To 45 HP Tractor	576.14	
01 22 23 00-0570	WK	40 To 45 HP Tractor	1,548.39	
01 22 23 00-0571	MO	40 To 45 HP Tractor	4,249.06	
01 22 23 00-0572	DAY	80 To 89 HP Tractor	741.79	
01 22 23 00-0573	WK	80 To 89 HP Tractor	2,103.65	
01 22 23 00-0574	MO	80 To 89 HP Tractor	6,023.35	
01 22 23 00-0575	DAY	60" Rotary Mower Attachment For Tractors	232.86	
01 22 23 00-0576	WK	60" Rotary Mower Attachment For Tractors	720.18	
01 22 23 00-0577	DAY	84" Rotary Mower Attachment For Tractors	254.46	
01 22 23 00-0578	WK	84" Rotary Mower Attachment For Tractors	780.20	
01 22 23 00-0579	DAY	Under Deck Rotary Mower Attachment For Tractors	38.43	
01 22 23 00-0580	WK	Under Deck Rotary Mower Attachment For Tractors	153.73	
01 22 23 00-0581		**Portable Sediment Tank** *(01 22 23 00-0278)*		
		Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0582	WK	Portable Sediment Tank	192.16	
01 22 23 00-0583	MO	Portable Sediment Tank	563.66	
01 22 23 00-0584		**Heavy Equipment (Ground Protection) Mats** *(01 22 23 00-0278)*		
		Note: Rental price per mat. Excludes placement, moving, mobilization and demobilization. See CSI section 01 22 23 00-0278 for equipment for offloading/reloading from delivery vehicle, placing, and moving mats, 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.		
01 22 23 00-0585	DAY	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	20.68	
01 22 23 00-0586	WK	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	49.23	
01 22 23 00-0587	MO	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	103.39	
01 22 23 00-0588	DAY	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	21.71	
01 22 23 00-0589	WK	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	51.70	
01 22 23 00-0590	MO	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	108.56	
01 22 23 00-0591	Day	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	17.58	
01 22 23 00-0592	WK	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	41.36	
01 22 23 00-0593	MO	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	87.88	
01 22 23 00-0594	Day	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	19.64	
01 22 23 00-0595	WK	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	46.53	
01 22 23 00-0596	MO	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	98.22	
01 22 23 00-0597	Day	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	21.71	
01 22 23 00-0598	WK	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	51.70	
01 22 23 00-0599	MO	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	108.56	
01 22 23 00-0600	Day	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	23.78	
01 22 23 00-0601	WK	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	56.62	
01 22 23 00-0602	MO	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	118.90	
01 22 23 00-0603	Day	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	18.61	
01 22 23 00-0604	WK	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	51.70	
01 22 23 00-0605	MO	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	93.05	
01 22 23 00-0606	Day	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	21.71	
01 22 23 00-0607	WK	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	51.70	
01 22 23 00-0608	MO	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	108.56	
01 22 23 00-0609	Day	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	25.85	
01 22 23 00-0610	WK	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	56.86	
01 22 23 00-0611	MO	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	129.24	
01 22 23 00-0612	Day	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	27.92	
01 22 23 00-0613	WK	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	66.46	
01 22 23 00-0614	MO	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	139.58	
01 22 23 00-0615	Day	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	29.98	
01 22 23 00-0616	WK	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	71.39	
01 22 23 00-0617	MO	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	149.92	
01 22 23 00-0618	Day	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	31.02	
01 22 23 00-0619	WK	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	73.85	
01 22 23 00-0620	MO	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	155.08	
01 22 23 00-0621	Day	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	9.95	
01 22 23 00-0622	WK	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	24.87	
01 22 23 00-0623	MO	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	74.60	
01 22 23 00-0624	Day	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	11.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0625	WK	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	29.72	
01 22 23 00-0626	MO	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	89.17	
01 22 23 00-0627	Day	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	13.58	
01 22 23 00-0628	WK	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	33.95	
01 22 23 00-0629	MO	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	101.84	
01 22 23 00-0630	Day	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.47	
01 22 23 00-0631	WK	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	36.19	
01 22 23 00-0632	MO	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	108.56	
01 22 23 00-0633	Day	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.54	
01 22 23 00-0634	WK	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	41.36	
01 22 23 00-0635	MO	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	124.07	
01 22 23 00-0636	Day	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.01	
01 22 23 00-0637	WK	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	47.52	
01 22 23 00-0638	MO	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	142.57	
01 22 23 00-0639	Day	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.63	
01 22 23 00-0640	WK	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	36.57	
01 22 23 00-0641	MO	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	109.70	
01 22 23 00-0642	Day	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.80	
01 22 23 00-0643	WK	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	49.51	
01 22 23 00-0644	MO	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	148.52	
01 22 23 00-0645	Day	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	17.12	
01 22 23 00-0646	WK	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	42.80	
01 22 23 00-0647	MO	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	128.41	
01 22 23 00-0648	Day	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	28.56	
01 22 23 00-0649	WK	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	71.39	
01 22 23 00-0650	MO	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	214.16	
01 22 23 00-0651	Day	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	30.44	
01 22 23 00-0652	WK	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	76.10	
01 22 23 00-0653	MO	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	228.29	

01 22 23 00-0654 Electrical Equipment *(01 22 23)*

01 22 23 00-0655 Tripod Mounted Floodlights *(01 22 23 00-0654)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0656	DAY	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	66.34	
01 22 23 00-0657	WK	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	156.96	
01 22 23 00-0658	MO	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	331.71	
01 22 23 00-0659	DAY	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	66.34	
01 22 23 00-0660	WK	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	194.17	
01 22 23 00-0661	MO	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	574.43	
01 22 23 00-0662	DAY	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	74.43	
01 22 23 00-0663	WK	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	202.26	
01 22 23 00-0664	MO	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	493.52	

01 22 23 00-0665 Trailer Mounted Floodlights *(01 22 23 00-0654)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0666	DAY	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	186.08	
01 22 23 00-0667	WK	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	412.62	
01 22 23 00-0668	MO	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	889.96	

01 22 23 00-0669 Generator Sets *(01 22 23 00-0654)*

01 22 23 00-0670 Portable, Gas Or Diesel Powered Generator Sets *(01 22 23 00-0669)*

Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0812 for reimbursable fuel fees.

01 22 23 00-0671	DAY	3.6 KW, 8 HP Gas Powered Generator Set	58.04	
		For LP Or NG Gas, Add	*7.26*	
		For >160 To 320 Hours Usage Per Month, Add	*29.02*	
01 22 23 00-0672	WK	3.6 KW, 8 HP Gas Powered Generator Set	209.22	
		For LP Or NG Gas, Add	*26.15*	
01 22 23 00-0673	MO	3.6 KW, 8 HP Gas Powered Generator Set	580.41	
		For LP Or NG Gas, Add	*72.55*	
01 22 23 00-0674	DAY	5 KW, 11 HP Gas Powered Generator Set	82.34	
		For LP Or NG Gas, Add	*10.29*	
01 22 23 00-0675	WK	5 KW, 11 HP Gas Powered Generator Set	263.21	
		For LP Or NG Gas, Add	*32.90*	
01 22 23 00-0676	MO	5 KW, 11 HP Gas Powered Generator Set	600.66	
		For LP Or NG Gas, Add	*75.08*	
01 22 23 00-0677	DAY	6.5 KW, 13 HP Gas Powered Generator Set	105.28	
		For LP Or NG Gas, Add	*13.16*	
01 22 23 00-0678	WK	6.5 KW, 13 HP Gas Powered Generator Set	283.46	
		For LP Or NG Gas, Add	*35.43*	
01 22 23 00-0679	MO	6.5 KW, 13 HP Gas Powered Generator Set	782.88	
		For LP Or NG Gas, Add	*97.86*	
01 22 23 00-0680	DAY	10 KW, 18 HP Gas Powered Generator Set	117.43	
		For LP Or NG Gas, Add	*14.68*	
01 22 23 00-0681	WK	10 KW, 18 HP Gas Powered Generator Set	317.20	
		For LP Or NG Gas, Add	*39.65*	
01 22 23 00-0682	MO	10 KW, 18 HP Gas Powered Generator Set	911.12	
		For LP Or NG Gas, Add	*113.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0683		**Towable, Diesel Powered Generator Sets** *(01 22 23 00-0669)* Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0812 for reimbursable fuel fees.		
01 22 23 00-0684	DAY	20 KW, 60 Hertz Towable Diesel Powered Generator Set. Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.	241.61	
		For >8 To 16 Hours Usage Per Day, Add	*120.81*	
		For >16 To 24 Hours Usage Per Day, Add	*241.61*	
01 22 23 00-0685	WK	20 KW, 60 Hertz Towable Diesel Powered Generator Set. Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.	631.71	
		For >40 To 80 Hours Usage Per Week, Add	*315.86*	
		For >80 Hours Usage Per Week, Add	*631.71*	
01 22 23 00-0686	MO	20 KW, 60 Hertz Towable Diesel Powered Generator Set. Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.	1,721.00	
		For >160 To 320 Hours Usage Per Month, Add	*860.50*	
		For >320 Hours Usage Per Month, Add	*1,721.00*	
01 22 23 00-0687	DAY	30 KW, 60 Hertz Towable Diesel Powered Generator Set. Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.	344.10	
		For >8 To 16 Hours Usage Per Day, Add	*172.05*	
		For >16 To 24 Hours Usage Per Day, Add	*344.10*	
01 22 23 00-0688	WK	30 KW, 60 Hertz Towable Diesel Powered Generator Set. Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.	1,021.20	
		For >40 To 80 Hours Usage Per Week, Add	*510.60*	
		For >80 Hours Usage Per Week, Add	*1,021.20*	
01 22 23 00-0689	MO	30 KW, 60 Hertz Towable Diesel Powered Generator Set. Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.	2,109.00	
		For >160 To 320 Hours Usage Per Month, Add	*1,054.50*	
		For >320 Hours Usage Per Month, Add	*2,109.00*	
01 22 23 00-0690	DAY	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set. Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.	377.40	
		For >8 To 16 Hours Usage Per Day, Add	*188.70*	
		For >16 To 24 Hours Usage Per Day, Add	*377.40*	
01 22 23 00-0691	WK	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set. Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.	1,054.50	
		For >40 To 80 Hours Usage Per Week, Add	*527.25*	
		For >80 Hours Usage Per Week, Add	*1,054.50*	
01 22 23 00-0692	MO	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set. Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.	2,331.00	
		For >160 To 320 Hours Usage Per Month, Add	*1,165.50*	
		For >320 Hours Usage Per Month, Add	*2,331.00*	
01 22 23 00-0693	DAY	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set. Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.	405.15	
		For >8 To 16 Hours Usage Per Day, Add	*202.58*	
		For >16 To 24 Hours Usage Per Day, Add	*405.15*	
01 22 23 00-0694	WK	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set. Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.	1,110.00	
		For >40 To 80 Hours Usage Per Week, Add	*555.00*	
		For >80 Hours Usage Per Week, Add	*1,110.00*	
01 22 23 00-0695	MO	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set. Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.	2,664.00	
		For >160 To 320 Hours Usage Per Month, Add	*1,332.00*	
		For >320 Hours Usage Per Month, Add	*2,664.00*	
01 22 23 00-0696	DAY	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set. Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.	444.00	
		For >8 To 16 Hours Usage Per Day, Add	*222.00*	
		For >16 To 24 Hours Usage Per Day, Add	*444.00*	
01 22 23 00-0697	WK	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set. Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.	1,259.85	
		For >40 To 80 Hours Usage Per Week, Add	*629.93*	
		For >80 Hours Usage Per Week, Add	*1,259.85*	
01 22 23 00-0698	MO	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set. Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.	2,997.00	
		For >160 To 320 Hours Usage Per Month, Add	*1,498.50*	
		For >320 Hours Usage Per Month, Add	*2,997.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0699	DAY	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.	499.50	
		For >8 To 16 Hours Usage Per Day, Add	*249.75*	
		For >16 To 24 Hours Usage Per Day, Add	*499.50*	
01 22 23 00-0700	WK	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.	1,332.00	
		For >40 To 80 Hours Usage Per Week, Add	*666.00*	
		For >80 Hours Usage Per Week, Add	*1,332.00*	
01 22 23 00-0701	MO	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.	3,330.00	
		For >160 To 320 Hours Usage Per Month, Add	*1,665.00*	
		For >320 Hours Usage Per Month, Add	*3,330.00*	
01 22 23 00-0702	DAY	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	516.15	
		For >8 To 16 Hours Usage Per Day, Add	*258.08*	
		For >16 To 24 Hours Usage Per Day, Add	*516.15*	
01 22 23 00-0703	WK	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	1,387.50	
		For >40 To 80 Hours Usage Per Week, Add	*693.75*	
		For >80 Hours Usage Per Week, Add	*1,387.50*	
01 22 23 00-0704	MO	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	3,774.00	
		For >160 To 320 Hours Usage Per Month, Add	*1,887.00*	
		For >320 Hours Usage Per Month, Add	*3,774.00*	
01 22 23 00-0705	DAY	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	582.75	
		For >8 To 16 Hours Usage Per Day, Add	*291.38*	
		For >16 To 24 Hours Usage Per Day, Add	*582.75*	
01 22 23 00-0706	WK	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	1,609.50	
		For >40 To 80 Hours Usage Per Week, Add	*804.75*	
		For >80 Hours Usage Per Week, Add	*1,609.50*	
01 22 23 00-0707	MO	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	4,329.00	
		For >160 To 320 Hours Usage Per Month, Add	*2,164.50*	
		For >320 Hours Usage Per Month, Add	*4,329.00*	
01 22 23 00-0708	DAY	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	610.50	
		For >8 To 16 Hours Usage Per Day, Add	*305.25*	
		For >16 To 24 Hours Usage Per Day, Add	*610.50*	
01 22 23 00-0709	WK	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	1,692.75	
		For >40 To 80 Hours Usage Per Week, Add	*846.38*	
		For >80 Hours Usage Per Week, Add	*1,692.75*	
01 22 23 00-0710	MO	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	4,773.00	
		For >160 To 320 Hours Usage Per Month, Add	*2,386.50*	
		For >320 Hours Usage Per Month, Add	*4,773.00*	
01 22 23 00-0711	DAY	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	638.25	
		For >8 To 16 Hours Usage Per Day, Add	*319.13*	
		For >16 To 24 Hours Usage Per Day, Add	*638.25*	
01 22 23 00-0712	WK	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	1,831.50	
		For >40 To 80 Hours Usage Per Week, Add	*915.75*	
		For >80 Hours Usage Per Week, Add	*1,831.50*	
01 22 23 00-0713	MO	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	4,995.00	
		For >160 To 320 Hours Usage Per Month, Add	*2,497.50*	
		For >320 Hours Usage Per Month, Add	*4,995.00*	
01 22 23 00-0714	DAY	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	666.00	
		For >8 To 16 Hours Usage Per Day, Add	*333.00*	
		For >16 To 24 Hours Usage Per Day, Add	*666.00*	
01 22 23 00-0715	WK	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	1,942.50	
		For >40 To 80 Hours Usage Per Week, Add	*971.25*	
		For >80 Hours Usage Per Week, Add	*1,942.50*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0716	MO	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	5,217.00	
		For >160 To 320 Hours Usage Per Month, Add	*2,608.50*	
		For >320 Hours Usage Per Month, Add	*5,217.00*	
01 22 23 00-0717	DAY	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	666.00	
		For >8 To 16 Hours Usage Per Day, Add	*333.00*	
		For >16 To 24 Hours Usage Per Day, Add	*666.00*	
01 22 23 00-0718	WK	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	1,942.50	
		For >40 To 80 Hours Usage Per Week, Add	*971.25*	
		For >80 Hours Usage Per Week, Add	*1,942.50*	
01 22 23 00-0719	MO	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	5,217.00	
		For >160 To 320 Hours Usage Per Month, Add	*2,608.50*	
		For >320 Hours Usage Per Month, Add	*5,217.00*	
01 22 23 00-0720	DAY	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	915.75	
		For >8 To 16 Hours Usage Per Day, Add	*457.88*	
		For >16 To 24 Hours Usage Per Day, Add	*915.75*	
01 22 23 00-0721	WK	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	2,275.50	
		For >40 To 80 Hours Usage Per Week, Add	*1,137.75*	
		For >80 Hours Usage Per Week, Add	*2,275.50*	
01 22 23 00-0722	MO	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	6,660.00	
		For >160 To 320 Hours Usage Per Month, Add	*3,330.00*	
		For >320 Hours Usage Per Month, Add	*6,660.00*	
01 22 23 00-0723	DAY	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.	971.25	
		For >8 To 16 Hours Usage Per Day, Add	*485.63*	
		For >16 To 24 Hours Usage Per Day, Add	*971.25*	
01 22 23 00-0724	WK	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.	2,331.00	
		For >40 To 80 Hours Usage Per Week, Add	*1,165.50*	
		For >80 Hours Usage Per Week, Add	*2,331.00*	
01 22 23 00-0725	MO	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.	6,882.00	
		For >160 To 320 Hours Usage Per Month, Add	*3,441.00*	
		For >320 Hours Usage Per Month, Add	*6,882.00*	
01 22 23 00-0726	DAY	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.	1,026.75	
		For >8 To 16 Hours Usage Per Day, Add	*513.38*	
		For >16 To 24 Hours Usage Per Day, Add	*1,026.75*	
01 22 23 00-0727	WK	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.	2,386.50	
		For >40 To 80 Hours Usage Per Week, Add	*1,193.25*	
		For >80 Hours Usage Per Week, Add	*2,386.50*	
01 22 23 00-0728	MO	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.	7,104.00	
		For >160 To 320 Hours Usage Per Month, Add	*3,552.00*	
		For >320 Hours Usage Per Month, Add	*7,104.00*	
01 22 23 00-0729	DAY	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.	1,060.05	
		For >8 To 16 Hours Usage Per Day, Add	*530.03*	
		For >16 To 24 Hours Usage Per Day, Add	*1,060.05*	
01 22 23 00-0730	WK	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.	2,553.00	
		For >40 To 80 Hours Usage Per Week, Add	*1,276.50*	
		For >80 Hours Usage Per Week, Add	*2,553.00*	
01 22 23 00-0731	MO	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.	7,548.00	
		For >160 To 320 Hours Usage Per Month, Add	*3,774.00*	
		For >320 Hours Usage Per Month, Add	*7,548.00*	
01 22 23 00-0732	DAY	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.	1,110.00	
		For >8 To 16 Hours Usage Per Day, Add	*555.00*	
		For >16 To 24 Hours Usage Per Day, Add	*1,110.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0733	WK	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.	2,886.00	
		For >40 To 80 Hours Usage Per Week, Add	*1,443.00*	
		For >80 Hours Usage Per Week, Add	*2,886.00*	
01 22 23 00-0734	MO	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.	8,325.00	
		For >160 To 320 Hours Usage Per Month, Add	*4,162.50*	
		For >320 Hours Usage Per Month, Add	*8,325.00*	
01 22 23 00-0735	DAY	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.	1,603.25	
		For >8 To 16 Hours Usage Per Day, Add	*801.63*	
		For >16 To 24 Hours Usage Per Day, Add	*1,603.25*	
01 22 23 00-0736	WK	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.	4,145.16	
		For >40 To 80 Hours Usage Per Week, Add	*2,072.58*	
		For >80 Hours Usage Per Week, Add	*4,145.16*	
01 22 23 00-0737	MO	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.	10,962.40	
		For >160 To 320 Hours Usage Per Month, Add	*5,481.20*	
		For >320 Hours Usage Per Month, Add	*10,962.40*	
01 22 23 00-0738	DAY	500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	2,055.45	
		For >8 To 16 Hours Usage Per Day, Add	*1,027.73*	
		For >16 To 24 Hours Usage Per Day, Add	*2,055.45*	
01 22 23 00-0739	WK	500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	5,344.17	
		For >40 To 80 Hours Usage Per Week, Add	*2,672.09*	
		For >80 Hours Usage Per Week, Add	*5,344.17*	
01 22 23 00-0740	MO	500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	12,332.70	
		For >160 To 320 Hours Usage Per Month, Add	*6,166.35*	
		For >320 Hours Usage Per Month, Add	*12,332.70*	
01 22 23 00-0741	DAY	640.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	2,541.91	
		For >8 To 16 Hours Usage Per Day, Add	*1,270.96*	
		For >16 To 24 Hours Usage Per Day, Add	*2,541.91*	
01 22 23 00-0742	WK	640.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	6,714.47	
		For >40 To 80 Hours Usage Per Week, Add	*3,357.24*	
		For >80 Hours Usage Per Week, Add	*6,714.47*	
01 22 23 00-0743	MO	640.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	16,443.60	
		For >160 To 320 Hours Usage Per Month, Add	*8,221.80*	
		For >320 Hours Usage Per Month, Add	*16,443.60*	
01 22 23 00-0744	DAY	750.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	2,747.45	
		For >8 To 16 Hours Usage Per Day, Add	*1,373.73*	
		For >16 To 24 Hours Usage Per Day, Add	*2,747.45*	
01 22 23 00-0745	WK	750.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	6,330.79	
		For >40 To 80 Hours Usage Per Week, Add	*3,165.40*	
		For >80 Hours Usage Per Week, Add	*6,330.79*	
01 22 23 00-0746	MO	750.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	18,992.36	
		For >160 To 320 Hours Usage Per Month, Add	*9,496.18*	
		For >320 Hours Usage Per Month, Add	*18,992.36*	
01 22 23 00-0747	EA	Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up	910.25	
01 22 23 00-0748	EA	350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up	1,487.49	

01 22 23 00-0749 Generator Accessories *(01 22 23 00-0669)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0750 Step Down Transformer *(01 22 23 00-0749)*

01 22 23 00-0751	WK	75 KVA, 480-208 Volt, Step Down Transformer	327.45	
01 22 23 00-0752	MO	75 KVA, 480-208 Volt, Step Down Transformer	915.75	
01 22 23 00-0753	WK	150 KVA, 480-208 Volt, Step Down Transformer	525.03	
01 22 23 00-0754	MO	150 KVA, 480-208 Volt, Step Down Transformer	1,573.98	
01 22 23 00-0755	WK	225 KVA, 480-208 Volt, Step Down Transformer	699.30	
01 22 23 00-0756	MO	225 KVA, 480-208 Volt, Step Down Transformer	2,097.90	
01 22 23 00-0757	WK	500 KVA, 480-208 Volt, Step Down Transformer	832.50	
01 22 23 00-0758	MO	500 KVA, 480-208 Volt, Step Down Transformer	2,497.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0759	WK	1,000 KVA, 4,160/480 Volt, Step Down Transformer	1,243.20	
01 22 23 00-0760	MO	1,000 KVA, 4,160/480 Volt, Step Down Transformer	3,712.95	
01 22 23 00-0761	WK	1,500 KVA, 4,160/480 Volt, Step Down Transformer	2,020.20	
01 22 23 00-0762	MO	1,500 KVA, 4,160/480 Volt, Step Down Transformer	6,055.05	
01 22 23 00-0763	WK	2,500 KVA, 480-13,800/4,160 Volt, Step Down Transformer	2,331.00	
01 22 23 00-0764	MO	2,500 KVA, 480-13,800/4,160 Volt, Step Down Transformer	6,993.00	
01 22 23 00-0765		**Portable Panel** *(01 22 23 00-0749)*		
01 22 23 00-0766	WK	100 Amperes, Portable Panel	260.85	
01 22 23 00-0767	MO	100 Amperes, Portable Panel	666.00	
01 22 23 00-0768	WK	200 Amperes, Portable Panel	311.91	
01 22 23 00-0769	MO	200 Amperes, Portable Panel	832.50	
01 22 23 00-0770	WK	400 Amperes, Portable Panel	333.00	
01 22 23 00-0771	MO	400 Amperes, Portable Panel	999.00	
01 22 23 00-0772		**Portable Fusible Disconnect** *(01 22 23 00-0749)*		
01 22 23 00-0773	WK	100 - 200 Amperes, Portable Fusible Disconnect	116.55	
01 22 23 00-0774	MO	100 - 200 Amperes, Portable Fusible Disconnect	349.65	
01 22 23 00-0775	WK	300 - 400 Amperes, Portable Fusible Disconnect	233.10	
01 22 23 00-0776	MO	300 - 400 Amperes, Portable Fusible Disconnect	699.30	
01 22 23 00-0777		**Portable Transfer Switch** *(01 22 23 00-0749)*		
01 22 23 00-0778	WK	100 Amperes, 480 Volt, Portable Transfer Switch	349.65	
01 22 23 00-0779	MO	100 Amperes, 480 Volt, Portable Transfer Switch	1,048.95	
01 22 23 00-0780	WK	200 Amperes, 480 Volt, Portable Transfer Switch	466.20	
01 22 23 00-0781	MO	200 Amperes, 480 Volt, Portable Transfer Switch	1,398.60	
01 22 23 00-0782	WK	400 Amperes, 480 Volt, Portable Transfer Switch	582.75	
01 22 23 00-0783	MO	400 Amperes, 480 Volt, Portable Transfer Switch	1,748.25	
01 22 23 00-0784		**Cabling For Generator Sets** *(01 22 23 00-0669)* Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0785	DAY	#1 Banded Cable, 50' With Camlock Ends For Generator Set	24.42	
01 22 23 00-0786	WK	#1 Banded Cable, 50' With Camlock Ends For Generator Set	42.74	
01 22 23 00-0787	MO	#1 Banded Cable, 50' With Camlock Ends For Generator Set	128.20	
01 22 23 00-0788	DAY	50', 4/0 Cable With Camlock Ends For Generator Set	12.21	
01 22 23 00-0789	WK	50', 4/0 Cable With Camlock Ends For Generator Set	35.52	
01 22 23 00-0790	MO	50', 4/0 Cable With Camlock Ends For Generator Set	98.79	
01 22 23 00-0791		**Resistive Load Banks For Generator Sets** *(01 22 23 00-0669)* Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0812 for reimbursable fuel fees.		
01 22 23 00-0792	DAY	100 KW A/C Resistive Load Bank	344.96	
01 22 23 00-0793	WK	100 KW A/C Resistive Load Bank	656.10	
01 22 23 00-0794	MO	100 KW A/C Resistive Load Bank	1,792.43	
01 22 23 00-0795	DAY	650 KW A/C Resistive Load Bank	704.84	
01 22 23 00-0796	WK	650 KW A/C Resistive Load Bank	1,884.92	
01 22 23 00-0797	MO	650 KW A/C Resistive Load Bank	4,805.76	
01 22 23 00-0798		**Sub-Distribution Panels (Spider Box) For Generator Sets** *(01 22 23 00-0669)* Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0799	DAY	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	59.94	
01 22 23 00-0800	WK	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	155.40	
01 22 23 00-0801	MO	50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	438.45	
01 22 23 00-0802		**Portable Distribution Panels For Generator Sets** *(01 22 23 00-0669)* Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0803	DAY	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	133.20	
01 22 23 00-0804	WK	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	360.75	
01 22 23 00-0805	MO	200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	1,010.10	
01 22 23 00-0806	DAY	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	108.78	
01 22 23 00-0807	WK	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	283.05	
01 22 23 00-0808	MO	100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	804.75	
01 22 23 00-0809	DAY	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	138.75	
01 22 23 00-0810	WK	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	349.65	
01 22 23 00-0811	MO	200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	949.05	
01 22 23 00-0812		**Fuel Reimbursement For Generators** *(01 22 23 00-0669)*		
01 22 23 00-0813	EA	Fuel Reimbursement For Generators Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is $1.00, quantity will adjust cost to actual purchase cost; i.e., quantity of 125 = $125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase.	1.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0814		**Welding Machines** *(01 22 23 00-0654)* Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0815		**CC/CV Inverter Welder** *(01 22 23 00-0814)* Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0812 for reimbursable fuel fees.		
01 22 23 00-0816	DAY	250 Amperes, CC Inverter Welder	38.23	
01 22 23 00-0817	WK	250 Amperes, CC Inverter Welder	83.30	
01 22 23 00-0818	MO	250 Amperes, CC Inverter Welder	252.62	
01 22 23 00-0819	DAY	300 Amperes, CC/CV Inverter Welder	43.70	
01 22 23 00-0820	WK	300 Amperes, CC/CV Inverter Welder	116.07	
01 22 23 00-0821	MO	300 Amperes, CC/CV Inverter Welder	307.24	
01 22 23 00-0822	DAY	350 Amperes, CC/CV Inverter Welder	45.06	
01 22 23 00-0823	WK	350 Amperes, CC/CV Inverter Welder	118.80	
01 22 23 00-0824	MO	350 Amperes, CC/CV Inverter Welder	334.55	
01 22 23 00-0825		**MIG Welder** *(01 22 23 00-0814)* Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0812 for reimbursable fuel fees.		
01 22 23 00-0826	DAY	115 Volt MIG Welder	65.54	
01 22 23 00-0827	WK	115 Volt MIG Welder	170.69	
01 22 23 00-0828	MO	115 Volt MIG Welder	464.27	
01 22 23 00-0829		**Diesel Powered Towable Welding Machines** *(01 22 23 00-0814)* Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0830	DAY	250 To 299 Amperes, Diesel Powered Towable Welding Machine	122.90	
01 22 23 00-0831	WK	250 To 299 Amperes, Diesel Powered Towable Welding Machine	300.41	
01 22 23 00-0832	MO	250 To 299 Amperes, Diesel Powered Towable Welding Machine	716.89	
01 22 23 00-0833	DAY	300 To 349 Amperes, Diesel Powered Towable Welding Machine	163.86	
01 22 23 00-0834	WK	300 To 349 Amperes, Diesel Powered Towable Welding Machine	320.89	
01 22 23 00-0835	MO	300 To 349 Amperes, Diesel Powered Towable Welding Machine	749.66	
01 22 23 00-0836	DAY	350 To 399 Amperes, Diesel Powered Towable Welding Machine	170.69	
01 22 23 00-0837	WK	350 To 399 Amperes, Diesel Powered Towable Welding Machine	341.38	
01 22 23 00-0838	MO	350 To 399 Amperes, Diesel Powered Towable Welding Machine	832.96	
01 22 23 00-0839		**General Equipment** *(01 22 23)*		
01 22 23 00-0840		**Torch Burning** *(01 22 23 00-0839)* Note: Includes delivery to job site, set-up, pick-up when complete and full time operator.		
01 22 23 00-0841	DAY	Torch Burning Package With Full Time Operator Note: Includes torch set, regulator, hoses, oxygen tank and acetylene tank.	870.60	
		For Equipment Without Operator, Deduct	*-836.46*	
01 22 23 00-0842	WK	Torch Burning Package With Full Time Operator Note: Includes torch set, regulator, hoses, oxygen tank and acetylene tank.	4,284.74	
		For Equipment Without Operator, Deduct	*-4,182.33*	
01 22 23 00-0843	MO	Torch Burning Package With Full Time Operator Note: Includes torch set, regulator, hoses, oxygen tank and acetylene tank.	18,430.65	
		For Equipment Without Operator, Deduct	*-18,123.41*	
01 22 23 00-0844		**Jacks And Bracing** *(01 22 23 00-0839)* Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0845		**Manual Hydraulic Jacks** *(01 22 23 00-0844)*		
01 22 23 00-0846	DAY	12 Ton Manual Hydraulic Bottle Jack	1.67	
01 22 23 00-0847	WK	12 Ton Manual Hydraulic Bottle Jack	7.93	
01 22 23 00-0848	MO	12 Ton Manual Hydraulic Bottle Jack	28.50	
01 22 23 00-0849	DAY	20 Ton Manual Hydraulic Bottle Jack	2.92	
01 22 23 00-0850	WK	20 Ton Manual Hydraulic Bottle Jack	9.18	
01 22 23 00-0851	MO	20 Ton Manual Hydraulic Bottle Jack	34.76	
01 22 23 00-0852	DAY	50 Ton Manual Hydraulic Bottle Jack	10.43	
01 22 23 00-0853	WK	50 Ton Manual Hydraulic Bottle Jack	40.49	
01 22 23 00-0854	MO	50 Ton Manual Hydraulic Bottle Jack	145.66	
01 22 23 00-0855	DAY	100 Ton Manual Hydraulic Bottle Jack	14.61	
01 22 23 00-0856	WK	100 Ton Manual Hydraulic Bottle Jack	58.43	
01 22 23 00-0857	MO	100 Ton Manual Hydraulic Bottle Jack	210.46	
01 22 23 00-0858		**Manual Screw Jacks** *(01 22 23 00-0844)*		
01 22 23 00-0859	DAY	10 To 20 Ton Manual Screw Jack	26.25	
01 22 23 00-0860	WK	10 To 20 Ton Manual Screw Jack	70.66	
01 22 23 00-0861	MO	10 To 20 Ton Manual Screw Jack	195.84	
01 22 23 00-0862		**Pressure Washers** *(01 22 23 00-0839)* Note: Includes delivery to job site, pick-up when complete and full time operator.		
01 22 23 00-0863	DAY	2,000 PSI Pressure Washer With Full-Time Operator	842.10	
		For Equipment Without Operator, Deduct	*-711.16*	
01 22 23 00-0864	WK	2,000 PSI Pressure Washer With Full-Time Operator	3,888.21	
		For Equipment Without Operator, Deduct	*-3,555.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0865	MO	2,000 PSI Pressure Washer With Full-Time Operator	16,254.65	
		For Equipment Without Operator, Deduct	*-15,408.56*	
01 22 23 00-0866	DAY	2,500 PSI Pressure Washer With Full-Time Operator	842.10	
		For Equipment Without Operator, Deduct	*-711.16*	
01 22 23 00-0867	WK	2,500 PSI Pressure Washer With Full-Time Operator	3,888.21	
		For Equipment Without Operator, Deduct	*-3,555.82*	
01 22 23 00-0868	MO	2,500 PSI Pressure Washer With Full-Time Operator	16,254.65	
		For Equipment Without Operator, Deduct	*-15,408.56*	
01 22 23 00-0869	DAY	3,000 PSI Pressure Washer With Full-Time Operator	842.10	
		For Equipment Without Operator, Deduct	*-711.16*	
01 22 23 00-0870	WK	3,000 PSI Pressure Washer With Full-Time Operator	3,888.21	
		For Equipment Without Operator, Deduct	*-3,555.82*	
01 22 23 00-0871	MO	3,000 PSI Pressure Washer With Full-Time Operator	16,254.65	
		For Equipment Without Operator, Deduct	*-15,408.56*	
01 22 23 00-0872	DAY	3,500 PSI Pressure Washer With Full-Time Operator	852.18	
		For Equipment Without Operator, Deduct	*-711.16*	
01 22 23 00-0873	WK	3,500 PSI Pressure Washer With Full-Time Operator	3,918.43	
		For Equipment Without Operator, Deduct	*-3,555.82*	
01 22 23 00-0874	MO	3,500 PSI Pressure Washer With Full-Time Operator	16,335.23	
		For Equipment Without Operator, Deduct	*-15,408.56*	
01 22 23 00-0875	DAY	4,000 PSI Pressure Washer With Full-Time Operator	892.46	
		For Equipment Without Operator, Deduct	*-711.16*	
01 22 23 00-0876	WK	4,000 PSI Pressure Washer With Full-Time Operator	4,049.37	
		For Equipment Without Operator, Deduct	*-3,555.82*	
01 22 23 00-0877	MO	4,000 PSI Pressure Washer With Full-Time Operator	16,788.49	
		For Equipment Without Operator, Deduct	*-15,408.56*	
01 22 23 00-0878	DAY	5,000 PSI Pressure Washer With Full-Time Operator	912.61	
		For Equipment Without Operator, Deduct	*-711.16*	
01 22 23 00-0879	WK	5,000 PSI Pressure Washer With Full-Time Operator	4,099.74	
		For Equipment Without Operator, Deduct	*-3,555.82*	
01 22 23 00-0880	MO	5,000 PSI Pressure Washer With Full-Time Operator	16,939.58	
		For Equipment Without Operator, Deduct	*-15,408.56*	

01 22 23 00-0881 Confined Space Entry Equipment *(01 22 23 00-0839)*

Note: Includes delivery to job site, set-up, and pick-up when complete.

01 22 23 00-0882	DAY	Ventilation Equipment For Confined Space	51.61	
		Note: Includes electric or gas blower and ventilation duct up to 25'.		
01 22 23 00-0883	WK	Ventilation Equipment For Confined Space	154.82	
		Note: Includes electric or gas blower and ventilation duct up to 25'.		
01 22 23 00-0884	MO	Ventilation Equipment For Confined Space	461.99	
		Note: Includes electric or gas blower and ventilation duct up to 25'.		
01 22 23 00-0885	DAY	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	61.40	
01 22 23 00-0886	WK	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	184.20	
01 22 23 00-0887	MO	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	552.61	
01 22 23 00-0888	DAY	Confined Space Air Monitor Personnel	912.39	
		Note: Per person day.		
01 22 23 00-0889	WK	15' Long Ventilation Hose For Confined Space	41.20	
01 22 23 00-0890	MO	15' Long Ventilation Hose For Confined Space	137.34	

01 22 23 00-0891 High Volume Vacuums *(01 22 23 00-0839)*

Note: Includes delivery to job site, set-up, pick-up when complete and full time operator.

01 22 23 00-0892	DAY	500 Gallon High Volume Vacuum With Full-Time Operator	1,457.39	
		For Equipment Without Operator, Deduct	*-912.39*	
01 22 23 00-0893	WK	500 Gallon High Volume Vacuum With Full-Time Operator	6,087.94	
		For Equipment Without Operator, Deduct	*-4,561.94*	
01 22 23 00-0894	MO	500 Gallon High Volume Vacuum With Full-Time Operator	25,000.43	
		For Equipment Without Operator, Deduct	*-19,768.43*	

01 22 23 00-0895 Portable Floor Drying Fans *(01 22 23 00-0839)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0896	DAY	2,250 CFM Portable Floor Drying Fan	17.96	
01 22 23 00-0897	WK	2,250 CFM Portable Floor Drying Fan	83.06	
01 22 23 00-0898	MO	2,250 CFM Portable Floor Drying Fan	274.99	

01 22 23 00-0899 Portable Dehumidifiers *(01 22 23 00-0839)*

Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.

01 22 23 00-0900	DAY	7.5 To 10 Gallons Per Day, Portable Dehumidifier	78.83	
01 22 23 00-0901	WK	7.5 To 10 Gallons Per Day, Portable Dehumidifier	257.99	
01 22 23 00-0902	MO	7.5 To 10 Gallons Per Day, Portable Dehumidifier	730.98	
01 22 23 00-0903	DAY	16 To 25 Gallons Per Day, Portable Dehumidifier	116.10	
01 22 23 00-0904	WK	16 To 25 Gallons Per Day, Portable Dehumidifier	372.66	
01 22 23 00-0905	MO	16 To 25 Gallons Per Day, Portable Dehumidifier	1,039.14	

01 22 23 00-0906 Portable Fume Extractors *(01 22 23 00-0839)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0907	DAY	Portable Fume Extractor	33.17	
01 22 23 00-0908	WK	Portable Fume Extractor	99.52	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0909		**Space Heaters** *(01 22 23 00-0839)*		
		Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.		
01 22 23 00-0910	DAY	150,000 BTU/Hour Space Heater	65.60	
01 22 23 00-0911	WK	150,000 BTU/Hour Space Heater	188.60	
01 22 23 00-0912	MO	150,000 BTU/Hour Space Heater	533.00	
01 22 23 00-0913	DAY	500,000 BTU/Hour Space Heater	139.40	
01 22 23 00-0914	WK	500,000 BTU/Hour Space Heater	344.40	
01 22 23 00-0915	MO	500,000 BTU/Hour Space Heater	870.84	
01 22 23 00-0916		**Mowers** *(01 22 23 00-0839)*		
		Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0917	DAY	21" Walk Behind Lawn Mower	89.82	
01 22 23 00-0918	WK	21" Walk Behind Lawn Mower	258.23	
01 22 23 00-0919	MO	21" Walk Behind Lawn Mower	527.69	
01 22 23 00-0920	DAY	32" Walk Behind Lawn Mower	112.28	
01 22 23 00-0921	WK	32" Walk Behind Lawn Mower	269.46	
01 22 23 00-0922	MO	32" Walk Behind Lawn Mower	561.38	
01 22 23 00-0923	DAY	36" To 48" Walk Behind Deck Mower	202.10	
01 22 23 00-0924	WK	36" To 48" Walk Behind Deck Mower	561.38	
01 22 23 00-0925	MO	36" To 48" Walk Behind Deck Mower	1,627.99	
01 22 23 00-0926	DAY	61" To 72" Walk Behind Deck Mower	202.10	
01 22 23 00-0927	WK	61" To 72" Walk Behind Deck Mower	561.38	
01 22 23 00-0928	MO	61" To 72" Walk Behind Deck Mower	1,627.99	
01 22 23 00-0929		**Marine Equipment** *(01 22 23)*		
01 22 23 00-0930		**Barge And Tug Boat Rental** *(01 22 23 00-0929)*		
01 22 23 00-0931	DAY	50' Deck Cargo Barge	1,109.64	
01 22 23 00-0932	DAY	90' Deck Cargo Barge	1,575.29	
01 22 23 00-0933	DAY	160' Deck Cargo Barge	2,318.36	
01 22 23 00-0934	DAY	200' Deck Cargo Barge	3,517.16	
01 22 23 00-0935	DAY	Barge Rental With Mounted Crane And Full-time Operator	2,553.91	
		Note: Including barge.		
01 22 23 00-0936	HR	250 HP Tug Boat With Operator	227.26	
01 22 23 00-0937	HR	400 HP Tug Boat With Operator	409.05	
01 22 23 00-0938	HR	500 To 800 HP Tug Boat With Operator	513.52	
01 22 23 00-0939	HR	16' Work Boat With Operator	124.08	
01 22 23 00-0940	HR	48' Work Boat With Operator	401.36	
01 22 23 00-0941		**Material Handling Equipment** *(01 22 23)*		
01 22 23 00-0942		**Truck Mounted Hydraulic Cranes** *(01 22 23 00-0941)*		
		Note: Includes full-time operator, delivery, set-up, rigging, and removal time in rental period. Excludes lattice boom extension.		
01 22 23 00-0943	DAY	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,387.07	
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-0944	WK	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,039.57	
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-0945	MO	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	24,348.68	
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0946	DAY	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,507.40	
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-0947	WK	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,397.22	
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-0948	MO	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	25,418.28	
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0949	DAY	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,627.73	
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-0950	WK	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,754.86	
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-0951	MO	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	26,487.88	
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0952	DAY	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,788.17	
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-0953	WK	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	7,236.18	
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-0954	MO	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	27,925.16	
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0955	DAY	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,935.24	
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-0956	WK	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	8,232.25	
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-0957	MO	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	30,910.68	
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0958	DAY	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,282.86	
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-0959	WK	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	9,475.66	
		For Equipment Without Operator, Deduct	*-4,662.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0960	MO	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	34,643.58	
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0961	DAY	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,503.47	
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-0962	WK	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	10,251.12	
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-0963	MO	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	36,975.31	
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0964	DAY	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,677.27	
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-0965	WK	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	10,879.51	
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-0966	MO	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	38,857.80	
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0967	DAY	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,851.09	
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-0968	WK	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	11,507.90	
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-0969	MO	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	40,740.30	
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0970	DAY	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,964.73	
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-0971	WK	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	11,895.63	
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-0972	MO	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	41,916.86	
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0973	DAY	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,118.49	
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-0974	WK	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	12,470.54	
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-0975	MO	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	43,628.22	
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0976	DAY	120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,613.17	
		For Equipment Without Operator, Deduct	*-932.49*	
		For Half Day Usage, Deduct	*-1,072.27*	
01 22 23 00-0977	WK	120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	14,044.86	
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-0978	MO	120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	48,351.17	
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0979	DAY	140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,954.11	
		For Equipment Without Operator, Deduct	*-932.49*	
		For Half Day Usage, Deduct	*-1,208.65*	
01 22 23 00-0980	WK	140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	15,238.13	
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-0981	MO	140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	51,930.99	
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0982	DAY	175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	4,569.13	
		For Equipment Without Operator, Deduct	*-932.49*	
		For Half Day Usage, Deduct	*-1,454.66*	
01 22 23 00-0983	WK	175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	17,390.70	
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-0984	MO	175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	58,388.70	
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0985	DAY	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	4,996.97	
		For Equipment Without Operator, Deduct	*-932.49*	
		For Half Day Usage, Deduct	*-1,625.79*	
01 22 23 00-0986	WK	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	18,888.14	
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-0987	MO	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	62,881.02	
		For Equipment Without Operator, Deduct	*-20,203.98*	

01 22 23 00-0988 Cable Controlled Lattice Boom, Mechanical Cranes *(01 22 23 00-0941)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01 71 13 00-0006 for lattice crane delivery.

01 22 23 00-0989	DAY	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	2,536.89	
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-0990	WK	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	10,384.82	
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-0991	MO	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	37,371.06	
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0992	DAY	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	3,773.61	
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-0993	WK	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	12,443.80	
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-0994	MO	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	43,548.00	
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0995	DAY	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	3,974.17	
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-0996	WK	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	13,907.82	
		For Equipment Without Operator, Deduct	*-4,662.46*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0997		MO	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	47,938.71	
			For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-0998		DAY	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	4,375.27	
			For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-0999		WK	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	15,371.83	
			For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-1000		MO	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator	52,324.07	
			For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-1001		DAY	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	4,565.79	
			For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-1002		WK	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	16,835.84	
			For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-1003		MO	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	56,720.12	
			For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-1004		DAY	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	4,756.31	
			For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-1005		WK	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	18,299.86	
			For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-1006		MO	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	61,116.18	
			For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-1007		DAY	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	5,384.70	
			For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-1008		WK	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	20,552.70	
			For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-1009		MO	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	67,865.36	
			For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-1010		DAY	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	9,248.63	
			For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-1011		WK	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	34,323.80	
			For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-1012		MO	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	109,194.70	
			For Equipment Without Operator, Deduct	*-20,203.98*	

01 22 23 00-1013 Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts *(01 22 23 00-0941)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-1014		DAY	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,423.11	
			For Equipment Without Operator, Deduct	*-912.39*	
01 22 23 00-1015		WK	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	5,811.86	
			For Equipment Without Operator, Deduct	*-4,561.94*	
01 22 23 00-1016		MO	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	22,456.43	
			For Equipment Without Operator, Deduct	*-19,768.43*	
01 22 23 00-1017		DAY	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,476.87	
			For Equipment Without Operator, Deduct	*-912.39*	
01 22 23 00-1018		WK	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	5,932.82	
			For Equipment Without Operator, Deduct	*-4,561.94*	
01 22 23 00-1019		MO	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	22,725.23	
			For Equipment Without Operator, Deduct	*-19,768.43*	
01 22 23 00-1020		DAY	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,463.43	
			For Equipment Without Operator, Deduct	*-912.39*	
01 22 23 00-1021		WK	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	5,993.30	
			For Equipment Without Operator, Deduct	*-4,561.94*	
01 22 23 00-1022		MO	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	23,128.43	
			For Equipment Without Operator, Deduct	*-19,768.43*	
01 22 23 00-1023		DAY	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,617.99	
			For Equipment Without Operator, Deduct	*-912.39*	
01 22 23 00-1024		WK	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	6,396.50	
			For Equipment Without Operator, Deduct	*-4,561.94*	
01 22 23 00-1025		MO	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	24,069.23	
			For Equipment Without Operator, Deduct	*-19,768.43*	

01 22 23 00-1026 Straight Mast, Rough Terrain Construction Forklifts *(01 22 23 00-0941)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-1027		DAY	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,244.36	
			For Equipment Without Operator, Deduct	*-912.39*	
			For Propane Instead Of Gas Or Diesel, Add	*66.39*	
01 22 23 00-1028		WK	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	5,468.47	
			For Equipment Without Operator, Deduct	*-4,561.94*	
			For Propane Instead Of Gas Or Diesel, Add	*181.31*	
01 22 23 00-1029		MO	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	21,843.23	
			For Equipment Without Operator, Deduct	*-19,768.43*	
			For Propane Instead Of Gas Or Diesel, Add	*414.96*	
01 22 23 00-1030		DAY	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,261.83	
			For Equipment Without Operator, Deduct	*-912.39*	
			For Propane Instead Of Gas Or Diesel, Add	*69.89*	
01 22 23 00-1031		WK	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	5,516.18	
			For Equipment Without Operator, Deduct	*-4,561.94*	
			For Propane Instead Of Gas Or Diesel, Add	*190.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1032	MO	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	21,952.43	
		For Equipment Without Operator, Deduct	*-19,768.43*	
		For Propane Instead Of Gas Or Diesel, Add	*436.80*	
01 22 23 00-1033	DAY	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,355.91	
		For Equipment Without Operator, Deduct	*-912.39*	
		For Propane Instead Of Gas Or Diesel, Add	*88.70*	
01 22 23 00-1034	WK	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	5,778.26	
		For Equipment Without Operator, Deduct	*-4,561.94*	
		For Propane Instead Of Gas Or Diesel, Add	*243.26*	
01 22 23 00-1035	MO	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	22,557.23	
		For Equipment Without Operator, Deduct	*-19,768.43*	
		For Propane Instead Of Gas Or Diesel, Add	*557.76*	
01 22 23 00-1036	DAY	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,407.72	
		For Equipment Without Operator, Deduct	*-912.39*	
		For Propane Instead Of Gas Or Diesel, Add	*99.07*	
01 22 23 00-1037	WK	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	5,755.82	
		For Equipment Without Operator, Deduct	*-4,561.94*	
		For Propane Instead Of Gas Or Diesel, Add	*238.78*	
01 22 23 00-1038	MO	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	22,740.42	
		For Equipment Without Operator, Deduct	*-19,768.43*	
		For Propane Instead Of Gas Or Diesel, Add	*594.40*	

01 22 23 00-1039 Straight Mast, Industrial Warehouse Forklifts *(01 22 23 00-0941)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-1040	DAY	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,194.63	
		For Equipment Without Operator, Deduct	*-912.39*	
		For Propane Instead Of Gas Or Diesel, Add	*56.45*	
01 22 23 00-1041	WK	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	5,207.06	
		For Equipment Without Operator, Deduct	*-4,561.94*	
		For Propane Instead Of Gas Or Diesel, Add	*129.02*	
01 22 23 00-1042	MO	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	21,314.03	
		For Equipment Without Operator, Deduct	*-19,768.43*	
		For Propane Instead Of Gas Or Diesel, Add	*309.12*	
01 22 23 00-1043	DAY	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,201.35	
		For Equipment Without Operator, Deduct	*-912.39*	
		For Propane Instead Of Gas Or Diesel, Add	*57.79*	
01 22 23 00-1044	WK	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	5,227.22	
		For Equipment Without Operator, Deduct	*-4,561.94*	
		For Propane Instead Of Gas Or Diesel, Add	*133.06*	
01 22 23 00-1045	MO	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	21,361.07	
		For Equipment Without Operator, Deduct	*-19,768.43*	
		For Propane Instead Of Gas Or Diesel, Add	*318.53*	
01 22 23 00-1046	DAY	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,342.47	
		For Equipment Without Operator, Deduct	*-912.39*	
		For Propane Instead Of Gas Or Diesel, Add	*86.02*	
01 22 23 00-1047	WK	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	5,536.34	
		For Equipment Without Operator, Deduct	*-4,561.94*	
		For Propane Instead Of Gas Or Diesel, Add	*194.88*	
01 22 23 00-1048	MO	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	22,120.43	
		For Equipment Without Operator, Deduct	*-19,768.43*	
		For Propane Instead Of Gas Or Diesel, Add	*470.40*	
01 22 23 00-1049	DAY	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,355.91	
		For Equipment Without Operator, Deduct	*-912.39*	
		For Propane Instead Of Gas Or Diesel, Add	*88.70*	
01 22 23 00-1050	WK	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	5,650.58	
		For Equipment Without Operator, Deduct	*-4,561.94*	
		For Propane Instead Of Gas Or Diesel, Add	*217.73*	
01 22 23 00-1051	MO	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	22,523.63	
		For Equipment Without Operator, Deduct	*-19,768.43*	
		For Propane Instead Of Gas Or Diesel, Add	*551.04*	
01 22 23 00-1052	DAY	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,476.87	
		For Equipment Without Operator, Deduct	*-912.39*	
		For Propane Instead Of Gas Or Diesel, Add	*112.90*	
01 22 23 00-1053	WK	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	5,845.46	
		For Equipment Without Operator, Deduct	*-4,561.94*	
		For Propane Instead Of Gas Or Diesel, Add	*256.70*	
01 22 23 00-1054	MO	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	22,859.63	
		For Equipment Without Operator, Deduct	*-19,768.43*	
		For Propane Instead Of Gas Or Diesel, Add	*618.24*	

01 22 23 00-1055 Chain Hoists *(01 22 23 00-0941)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-1056	DAY	1 Ton, 20' Lift, Manual Chain Hoist	12.52
01 22 23 00-1057	WK	1 Ton, 20' Lift, Manual Chain Hoist	32.55
01 22 23 00-1058	MO	1 Ton, 20' Lift, Manual Chain Hoist	96.40
01 22 23 00-1059	DAY	3 Ton, 20' Lift, Manual Chain Hoist	35.06
01 22 23 00-1060	WK	3 Ton, 20' Lift, Manual Chain Hoist	82.63
01 22 23 00-1061	MO	3 Ton, 20' Lift, Manual Chain Hoist	231.62
01 22 23 00-1062	DAY	5 Ton, 20' Lift, Manual Chain Hoist	45.07
01 22 23 00-1063	WK	5 Ton, 20' Lift, Manual Chain Hoist	121.44
01 22 23 00-1064	MO	5 Ton, 20' Lift, Manual Chain Hoist	338.04
01 22 23 00-1065	DAY	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	88.89
01 22 23 00-1066	WK	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	231.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1067	MO	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	626.00	
01 22 23 00-1068	DAY	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	90.14	
01 22 23 00-1069	WK	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	241.01	
01 22 23 00-1070	MO	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	657.30	
01 22 23 00-1071	DAY	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	92.65	
01 22 23 00-1072	WK	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	259.79	
01 22 23 00-1073	MO	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	719.90	
01 22 23 00-1074		**Roof Swing Hoist** *(01 22 23 00-0941)*		
		Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-1075	DAY	Up To 400#, Manual Swing Roof Hoist	95.98	
01 22 23 00-1076	WK	Up To 400#, Manual Swing Roof Hoist	335.95	
01 22 23 00-1077	MO	Up To 400#, Manual Swing Roof Hoist	1,151.82	
01 22 23 00-1078		**Truck Mounted Digger Derrick** *(01 22 23 00-0941)*		
		Note: Includes full-time operator, delivery, set-up, and removal time in rental period. Lifting capacity is reduced.		
01 22 23 00-1079	DAY	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	1,565.40	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-1080	WK	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	6,561.18	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-1081	MO	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	25,267.24	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-1082	DAY	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	1,695.49	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-1083	WK	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	6,951.45	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-1084	MO	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	26,307.96	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-1085	DAY	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	2,499.36	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-932.49*	
01 22 23 00-1086	WK	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	9,363.08	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-4,662.46*	
01 22 23 00-1087	MO	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	32,738.96	
		Note: Includes lifting boom, grapple arm and auger drill.		
		For Equipment Without Operator, Deduct	*-20,203.98*	
01 22 23 00-1088		**Pumping Equipment** *(01 22 23)*		
01 22 23 00-1089		**Gas Powered Portable Centrifugal Pumps** *(01 22 23 00-1088)*		
		Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-1113 for larger diameter pumps.		
01 22 23 00-1090	DAY	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	68.23	
01 22 23 00-1091	WK	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	153.52	
01 22 23 00-1092	MO	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	409.39	
01 22 23 00-1093	DAY	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	81.88	
01 22 23 00-1094	WK	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	184.23	
01 22 23 00-1095	MO	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	491.27	
01 22 23 00-1096		**Gas Powered Portable Diaphragm Pumps** *(01 22 23 00-1088)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1097	DAY	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	78.47	
01 22 23 00-1098	WK	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	221.75	
01 22 23 00-1099	MO	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	562.91	
01 22 23 00-1100	DAY	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	95.52	
01 22 23 00-1101	WK	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	255.87	
01 22 23 00-1102	MO	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	724.96	
01 22 23 00-1103		**Gas Powered Portable Trash Pumps** *(01 22 23 00-1088)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1104	DAY	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	98.94	
01 22 23 00-1105	WK	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	204.70	
01 22 23 00-1106	MO	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	614.09	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1107	DAY	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	98.94	
01 22 23 00-1108	WK	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	264.40	
01 22 23 00-1109	MO	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	724.96	
01 22 23 00-1110	DAY	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	156.93	
01 22 23 00-1111	WK	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	443.51	
01 22 23 00-1112	MO	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	1,287.88	

01 22 23 00-1113 Diesel Powered Portable Trash Pumps *(01 22 23 00-1088)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1114	DAY	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	307.04	
01 22 23 00-1115	WK	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	835.84	
01 22 23 00-1116	MO	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	3,641.88	
01 22 23 00-1117	DAY	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	469.10	
01 22 23 00-1118	WK	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,228.18	
01 22 23 00-1119	MO	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	3,266.61	
01 22 23 00-1120	DAY	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	637.97	
01 22 23 00-1121	WK	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,707.51	
01 22 23 00-1122	MO	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	4,568.13	
01 22 23 00-1123	DAY	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	825.61	
01 22 23 00-1124	WK	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	2,108.37	
01 22 23 00-1125	MO	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	6,192.05	

01 22 23 00-1126 Diesel Powered Portable High Head Trash Pumps *(01 22 23 00-1088)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1127	DAY	27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	409.39	
01 22 23 00-1128	WK	27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	921.13	
01 22 23 00-1129	MO	27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	2,456.35	
01 22 23 00-1130	DAY	90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	614.09	
01 22 23 00-1131	WK	90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	1,642.69	
01 22 23 00-1132	MO	90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	4,605.66	
01 22 23 00-1133	DAY	135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	750.55	
01 22 23 00-1134	WK	135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	1,688.74	
01 22 23 00-1135	MO	135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	4,503.31	

01 22 23 00-1136 Diesel Powered Portable Silenced Environmental Trash Pumps *(01 22 23 00-1088)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1137	DAY	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	438.39	
01 22 23 00-1138	WK	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	997.89	
01 22 23 00-1139	MO	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	3,111.38	
01 22 23 00-1140	DAY	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	537.33	
01 22 23 00-1141	WK	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,339.05	
01 22 23 00-1142	MO	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	3,641.88	
01 22 23 00-1143	DAY	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	648.20	
01 22 23 00-1144	WK	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,917.32	
01 22 23 00-1145	MO	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	5,347.68	
01 22 23 00-1146	DAY	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	975.72	
01 22 23 00-1147	WK	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,492.17	
01 22 23 00-1148	MO	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	7,317.88	

01 22 23 00-1149 3 Phase Electric Submersible Pumps *(01 22 23 00-1088)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-1150	DAY	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	170.58	
01 22 23 00-1151	WK	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	426.45	
01 22 23 00-1152	MO	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	1,279.35	
01 22 23 00-1153	DAY	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	225.17	
01 22 23 00-1154	WK	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	562.91	
01 22 23 00-1155	MO	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	1,688.74	

01 22 23 00-1156 Suction Hose With Couplings *(01 22 23 00-1088)*

Note: Includes delivery, set-up, and removal.

01 22 23 00-1157	DAY	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	6.00	
01 22 23 00-1158	WK	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	15.00	
01 22 23 00-1159	MO	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	46.00	
01 22 23 00-1160	DAY	3" Inside Diameter, 20' Length, Suction Hose With Couplings	16.00	
01 22 23 00-1161	WK	3" Inside Diameter, 20' Length, Suction Hose With Couplings	41.00	
01 22 23 00-1162	MO	3" Inside Diameter, 20' Length, Suction Hose With Couplings	125.00	
01 22 23 00-1163	DAY	4" Inside Diameter, 20' Length, Suction Hose With Couplings	24.00	
01 22 23 00-1164	WK	4" Inside Diameter, 20' Length, Suction Hose With Couplings	61.00	
01 22 23 00-1165	MO	4" Inside Diameter, 20' Length, Suction Hose With Couplings	185.00	
01 22 23 00-1166	DAY	6" Inside Diameter, 20' Length, Suction Hose With Couplings	30.00	
01 22 23 00-1167	WK	6" Inside Diameter, 20' Length, Suction Hose With Couplings	75.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1168	MO	6" Inside Diameter, 20' Length, Suction Hose With Couplings	220.00	
01 22 23 00-1169	DAY	10" Inside Diameter, 20' Length, Suction Hose With Couplings	70.00	
01 22 23 00-1170	WK	10" Inside Diameter, 20' Length, Suction Hose With Couplings	180.00	
01 22 23 00-1171	MO	10" Inside Diameter, 20' Length, Suction Hose With Couplings	530.00	
01 22 23 00-1172	DAY	12" Inside Diameter, 20' Length, Suction Hose With Couplings	94.00	
01 22 23 00-1173	WK	12" Inside Diameter, 20' Length, Suction Hose With Couplings	205.00	
01 22 23 00-1174	MO	12" Inside Diameter, 20' Length, Suction Hose With Couplings	615.00	
01 22 23 00-1175		Discharge Hose With Couplings *(01 22 23 00-1088)*		
		Note: Includes delivery, set-up, and removal.		
01 22 23 00-1176	DAY	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	6.00	
01 22 23 00-1177	WK	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	15.00	
01 22 23 00-1178	MO	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	46.00	
01 22 23 00-1179	DAY	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	7.00	
01 22 23 00-1180	WK	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	17.00	
01 22 23 00-1181	MO	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	53.00	
01 22 23 00-1182	DAY	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	8.00	
01 22 23 00-1183	WK	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	20.00	
01 22 23 00-1184	MO	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	61.00	
01 22 23 00-1185	DAY	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	21.00	
01 22 23 00-1186	WK	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	54.00	
01 22 23 00-1187	MO	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	155.00	
01 22 23 00-1188	DAY	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	26.00	
01 22 23 00-1189	WK	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	71.00	
01 22 23 00-1190	MO	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	195.00	
01 22 23 00-1191	DAY	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	20.00	
01 22 23 00-1192	WK	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	50.00	
01 22 23 00-1193	MO	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	150.00	
01 22 23 00-1194	DAY	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	51.00	
01 22 23 00-1195	WK	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	130.00	
01 22 23 00-1196	MO	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	385.00	
01 22 23 00-1197		Hydraulic Submersible Pumps *(01 22 23 00-1088)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1198		Hydraulic Submersible Pumps *(01 22 23 00-1197)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1199	DAY	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	112.58	
01 22 23 00-1200	WK	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	301.93	
01 22 23 00-1201	MO	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	844.37	
01 22 23 00-1202	DAY	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	143.29	
01 22 23 00-1203	WK	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	368.45	
01 22 23 00-1204	MO	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	1,125.83	
01 22 23 00-1205		Hydraulic Submersible Pump Diesel Power Packs *(01 22 23 00-1197)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1206	DAY	100 HP, Hydraulic Submersible Pump Diesel Power Pack	260.13	
01 22 23 00-1207	WK	100 HP, Hydraulic Submersible Pump Diesel Power Pack	776.14	
01 22 23 00-1208	MO	100 HP, Hydraulic Submersible Pump Diesel Power Pack	2,046.96	
01 22 23 00-1209		HDPE Pipe With Couplings *(01 22 23 00-1088)*		
		Note: Includes delivery, set-up, and removal.		
01 22 23 00-1210	DAY	4" x 20' HDPE Pipe With Couplings	15.71	
01 22 23 00-1211	WK	4" x 20' HDPE Pipe With Couplings	37.70	
01 22 23 00-1212	MO	4" x 20' HDPE Pipe With Couplings	116.25	
01 22 23 00-1213	DAY	6" x 20' HDPE Pipe With Couplings	25.14	
01 22 23 00-1214	WK	6" x 20' HDPE Pipe With Couplings	62.84	
01 22 23 00-1215	MO	6" x 20' HDPE Pipe With Couplings	191.66	
01 22 23 00-1216	DAY	8" x 20' HDPE Pipe With Couplings	40.85	
01 22 23 00-1217	WK	8" x 20' HDPE Pipe With Couplings	106.83	
01 22 23 00-1218	MO	8" x 20' HDPE Pipe With Couplings	317.34	
01 22 23 00-1219	DAY	10" x 20' HDPE Pipe With Couplings	50.27	
01 22 23 00-1220	WK	10" x 20' HDPE Pipe With Couplings	128.82	
01 22 23 00-1221	MO	10" x 20' HDPE Pipe With Couplings	392.75	
01 22 23 00-1222	DAY	12" x 10' HDPE Pipe With Couplings	37.70	
01 22 23 00-1223	WK	12" x 10' HDPE Pipe With Couplings	103.69	
01 22 23 00-1224	MO	12" x 10' HDPE Pipe With Couplings	314.20	
01 22 23 00-1225	DAY	4" Elbow For HDPE Pipe, Quick Connect	37.70	
01 22 23 00-1226	WK	4" Elbow For HDPE Pipe, Quick Connect	97.40	
01 22 23 00-1227	MO	4" Elbow For HDPE Pipe, Quick Connect	289.06	
01 22 23 00-1228	DAY	6" Elbow For HDPE Pipe, Quick Connect	43.99	
01 22 23 00-1229	WK	6" Elbow For HDPE Pipe, Quick Connect	113.11	
01 22 23 00-1230	MO	6" Elbow For HDPE Pipe, Quick Connect	345.62	
01 22 23 00-1231	DAY	8" Elbow For HDPE Pipe, Quick Connect	50.27	
01 22 23 00-1232	WK	8" Elbow For HDPE Pipe, Quick Connect	128.82	
01 22 23 00-1233	MO	8" Elbow For HDPE Pipe, Quick Connect	392.75	
01 22 23 00-1234	DAY	10" Elbow For HDPE Pipe, Quick Connect	62.84	
01 22 23 00-1235	WK	10" Elbow For HDPE Pipe, Quick Connect	160.24	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1236	MO	10" Elbow For HDPE Pipe, Quick Connect	487.01	
01 22 23 00-1237	DAY	12" Elbow For HDPE Pipe, Quick Connect	62.84	
01 22 23 00-1238	WK	12" Elbow For HDPE Pipe, Quick Connect	160.24	
01 22 23 00-1239	MO	12" Elbow For HDPE Pipe, Quick Connect	487.01	
01 22 23 00-1240	DAY	4" Tee For HDPE Pipe, Quick Connect	37.70	
01 22 23 00-1241	WK	4" Tee For HDPE Pipe, Quick Connect	97.40	
01 22 23 00-1242	MO	4" Tee For HDPE Pipe, Quick Connect	289.06	
01 22 23 00-1243	DAY	6" Tee For HDPE Pipe, Quick Connect	50.27	
01 22 23 00-1244	WK	6" Tee For HDPE Pipe, Quick Connect	128.82	
01 22 23 00-1245	MO	6" Tee For HDPE Pipe, Quick Connect	392.75	
01 22 23 00-1246	DAY	8" Tee For HDPE Pipe, Quick Connect	62.84	
01 22 23 00-1247	WK	8" Tee For HDPE Pipe, Quick Connect	160.24	
01 22 23 00-1248	MO	8" Tee For HDPE Pipe, Quick Connect	487.01	
01 22 23 00-1249	DAY	10" Tee For HDPE Pipe, Quick Connect	75.41	
01 22 23 00-1250	WK	10" Tee For HDPE Pipe, Quick Connect	191.66	
01 22 23 00-1251	MO	10" Tee For HDPE Pipe, Quick Connect	581.27	
01 22 23 00-1252	DAY	12" Tee For HDPE Pipe, Quick Connect	75.41	
01 22 23 00-1253	WK	12" Tee For HDPE Pipe, Quick Connect	191.66	
01 22 23 00-1254	MO	12" Tee For HDPE Pipe, Quick Connect	581.27	
01 22 23 00-1255	DAY	4" Cap For HDPE Pipe, Quick Connect	6.28	
01 22 23 00-1256	WK	4" Cap For HDPE Pipe, Quick Connect	18.85	
01 22 23 00-1257	MO	4" Cap For HDPE Pipe, Quick Connect	56.56	
01 22 23 00-1258	DAY	6" Cap For HDPE Pipe, Quick Connect	6.28	
01 22 23 00-1259	WK	6" Cap For HDPE Pipe, Quick Connect	18.85	
01 22 23 00-1260	MO	6" Cap For HDPE Pipe, Quick Connect	56.56	
01 22 23 00-1261	DAY	8" Cap For HDPE Pipe, Quick Connect	6.28	
01 22 23 00-1262	WK	8" Cap For HDPE Pipe, Quick Connect	18.85	
01 22 23 00-1263	MO	8" Cap For HDPE Pipe, Quick Connect	56.56	
01 22 23 00-1264	DAY	10" Cap For HDPE Pipe, Quick Connect	6.28	
01 22 23 00-1265	WK	10" Cap For HDPE Pipe, Quick Connect	18.85	
01 22 23 00-1266	MO	10" Cap For HDPE Pipe, Quick Connect	56.56	
01 22 23 00-1267	DAY	12" Cap For HDPE Pipe, Quick Connect	6.28	
01 22 23 00-1268	WK	12" Cap For HDPE Pipe, Quick Connect	18.85	
01 22 23 00-1269	MO	12" Cap For HDPE Pipe, Quick Connect	56.56	
01 22 23 00-1270	DAY	4" Wye For HDPE Pipe, Quick Connect	18.85	
01 22 23 00-1271	WK	4" Wye For HDPE Pipe, Quick Connect	47.13	
01 22 23 00-1272	MO	4" Wye For HDPE Pipe, Quick Connect	144.53	
01 22 23 00-1273	DAY	6" Wye For HDPE Pipe, Quick Connect	21.99	
01 22 23 00-1274	WK	6" Wye For HDPE Pipe, Quick Connect	56.56	
01 22 23 00-1275	MO	6" Wye For HDPE Pipe, Quick Connect	172.81	
01 22 23 00-1276	DAY	8" Wye For HDPE Pipe, Quick Connect	37.70	
01 22 23 00-1277	WK	8" Wye For HDPE Pipe, Quick Connect	97.40	
01 22 23 00-1278	MO	8" Wye For HDPE Pipe, Quick Connect	289.06	
01 22 23 00-1279	DAY	10" Wye For HDPE Pipe, Quick Connect	56.56	
01 22 23 00-1280	WK	10" Wye For HDPE Pipe, Quick Connect	144.53	
01 22 23 00-1281	MO	10" Wye For HDPE Pipe, Quick Connect	439.88	
01 22 23 00-1282	DAY	12" Wye For HDPE Pipe, Quick Connect	56.56	
01 22 23 00-1283	WK	12" Wye For HDPE Pipe, Quick Connect	144.53	
01 22 23 00-1284	MO	12" Wye For HDPE Pipe, Quick Connect	439.88	

01 22 23 00-1285 Temporary Building Services *(01 22 23)*

01 22 23 00-1286 Boilers *(01 22 23 00-1285)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-1287 Electric Boilers *(01 22 23 00-1286)*

01 22 23 00-1288	MO	40 MBH, 12 KW Electric Boiler Rental	2,596.99	
01 22 23 00-1289	MO	60 MBH, 20 KW Electric Boiler Rental	2,833.12	
01 22 23 00-1290	MO	95 MBH, 30 KW Electric Boiler Rental	2,951.18	
01 22 23 00-1291	MO	135 MBH, 40 KW Electric Boiler Rental	3,305.26	
01 22 23 00-1292	MO	165 MBH, 50 KW Electric Boiler Rental	4,603.76	
01 22 23 00-1293	MO	215 MBH, 60 KW Electric Boiler Rental	5,312.05	
01 22 23 00-1294	MO	365 MBH, 100 KW Electric Boiler Rental	6,964.74	
01 22 23 00-1295	MO	510 MBH, 150 KW Electric Boiler Rental	8,499.35	

01 22 23 00-1296 Oil/Gas Fired Boilers *(01 22 23 00-1286)*

01 22 23 00-1297	MO	Up To 100 HP, Gas/Oil Dual Fuel Boiler Rental	2,479.00	
		For >3 Months Rental, Deduct	*-371.85*	
01 22 23 00-1298	MO	>100 HP To 250 HP, Gas/Oil Dual Fuel Boiler Rental	3,222.70	
		For >3 Months Rental, Deduct	*-483.41*	
01 22 23 00-1299	MO	>250 HP To 500 HP, Gas/Oil Dual Fuel Boiler Rental	5,205.90	
		For >3 Months Rental, Deduct	*-780.89*	
01 22 23 00-1300	MO	>500 HP To 800 HP, Gas/Oil Dual Fuel Boiler Rental	7,189.10	
		For >3 Months Rental, Deduct	*-1,078.37*	

01 22 23 00-1301 Oil Fired Boilers *(01 22 23 00-1286)*

01 22 23 00-1302	MO	250 HP Oil Fired Boiler Rental	7,293.67	
01 22 23 00-1303	MO	350 HP Oil Fired Boiler Rental	9,724.90	
01 22 23 00-1304	MO	500 HP Oil Fired Boiler Rental	12,156.12	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1305	MO	600 HP Oil Fired Boiler Rental	13,371.73	
01 22 23 00-1306		**Boilers Setup** *(01 22 23 00-1286)*		
01 22 23 00-1307	EA	Setup Rental Boiler Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.	7,435.43	
01 22 23 00-1308		**Chillers** *(01 22 23 00-1285)* Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1309		**Air Cooled Chillers** *(01 22 23 00-1308)*		
01 22 23 00-1310	MO	25 Ton Air Cooled Chiller Rental	2,494.67	
		For >3 To 6 Month Rental, Deduct	*-374.20*	
		For >6 Month Rental, Deduct	*-623.67*	
01 22 23 00-1311	MO	40 Ton Air Cooled Chiller Rental	3,991.48	
		For >3 To 6 Month Rental, Deduct	*-598.72*	
		For >6 Month Rental, Deduct	*-997.87*	
01 22 23 00-1312	MO	60 Ton Air Cooled Chiller Rental	4,882.03	
		For >3 To 6 Month Rental, Deduct	*-732.30*	
		For >6 Month Rental, Deduct	*-1,220.51*	
01 22 23 00-1313	MO	80 Ton Air Cooled Chiller Rental	5,772.58	
		For >3 To 6 Month Rental, Deduct	*-865.89*	
		For >6 Month Rental, Deduct	*-1,443.15*	
01 22 23 00-1314	MO	100 Ton Air Cooled Chiller Rental	6,663.13	
		For >3 To 6 Month Rental, Deduct	*-999.47*	
		For >6 Month Rental, Deduct	*-1,665.78*	
01 22 23 00-1315	MO	125 Ton Air Cooled Chiller Rental	7,719.37	
		For >3 To 6 Month Rental, Deduct	*-1,157.91*	
		For >6 Month Rental, Deduct	*-1,929.84*	
01 22 23 00-1316	MO	155 Ton Air Cooled Chiller Rental	9,338.54	
		For >3 To 6 Month Rental, Deduct	*-1,400.78*	
		For >6 Month Rental, Deduct	*-2,334.64*	
01 22 23 00-1317	MO	170 Ton Air Cooled Chiller Rental	9,986.22	
		For >3 To 6 Month Rental, Deduct	*-1,497.93*	
		For >6 Month Rental, Deduct	*-2,496.56*	
01 22 23 00-1318	MO	200 Ton Air Cooled Chiller Rental	11,471.73	
		For >3 To 6 Month Rental, Deduct	*-1,720.76*	
		For >6 Month Rental, Deduct	*-2,867.93*	
01 22 23 00-1319	MO	250 Ton Air Cooled Chiller Rental	13,650.10	
		For >3 To 6 Month Rental, Deduct	*-2,047.52*	
		For >6 Month Rental, Deduct	*-3,412.53*	
01 22 23 00-1320	MO	300 Ton Air Cooled Chiller Rental Note: Includes trailer.	15,928.25	
		For >3 To 6 Month Rental, Deduct	*-2,389.24*	
		For >6 Month Rental, Deduct	*-3,982.06*	
01 22 23 00-1321	MO	400 Ton Air Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose.	21,011.74	
		For >3 To 6 Month Rental, Deduct	*-3,151.76*	
		For >6 Month Rental, Deduct	*-5,252.94*	
01 22 23 00-1322	MO	500 Ton Air Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose.	26,008.61	
		For >3 To 6 Month Rental, Deduct	*-3,901.29*	
		For >6 Month Rental, Deduct	*-6,502.15*	
01 22 23 00-1323	EA	Setup Air Cooled Chiller Rental Unit Note: Includes delivery, setup, installation, refrigerant charge, startup, commissioning, decommissioning, recovery of refrigerant and pickup. Excludes piping and electrical hookup. Excludes crane if off-loaded.	5,168.53	
01 22 23 00-1324		**Chiller Rental Accessories** *(01 22 23 00-1308)*		
01 22 23 00-1325	MO	4" x 25' Flexible Water Hose For Chiller Rental	44.45	
01 22 23 00-1326	MO	6" x 25' Flexible Water Hose For Chiller Rental	55.56	
01 22 23 00-1327		**Cooling Tower** *(01 22 23 00-1285)* Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1328	MO	100 Ton Cooling Tower Rental	2,289.28	
		For >3 To 6 Months Rental, Deduct	*-343.39*	
		For >6 Months Rental, Deduct	*-572.32*	
01 22 23 00-1329	MO	200 Ton Cooling Tower Rental	4,167.38	
		For >3 To 6 Months Rental, Deduct	*-625.11*	
		For >6 Months Rental, Deduct	*-1,041.85*	
01 22 23 00-1330	MO	250 Ton Cooling Tower Rental	4,719.36	
		For >3 To 6 Months Rental, Deduct	*-707.90*	
		For >6 Months Rental, Deduct	*-1,179.84*	
01 22 23 00-1331	MO	300 Ton Cooling Tower Rental	5,334.24	
		For >3 To 6 Months Rental, Deduct	*-800.14*	
		For >6 Months Rental, Deduct	*-1,333.56*	
01 22 23 00-1332	MO	400 Ton Cooling Tower Rental	6,667.80	
		For >3 To 6 Months Rental, Deduct	*-1,000.17*	
		For >6 Months Rental, Deduct	*-1,666.95*	
01 22 23 00-1333	MO	500 Ton Cooling Tower Rental	7,795.80	
		For >3 To 6 Months Rental, Deduct	*-1,169.37*	
		For >6 Months Rental, Deduct	*-1,948.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1334	MO	Setup Rental Cooling Tower Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.	5,168.53	
01 22 23 00-1335		**Emergency Cooler/Freezer** *(01 22 23 00-1285)* Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115 Volt or 230 Volt, freezer 208/230 Volt, combo 115 Volt or 230 Volt.		
01 22 23 00-1336	DAY	8 x 6 x 7 Emergency Cooler Rental	79.06	
01 22 23 00-1337	WK	8 x 6 x 7 Emergency Cooler Rental	421.64	
01 22 23 00-1338	DAY	10 x 7 x 7 Emergency Cooler Rental	158.12	
01 22 23 00-1339	WK	10 x 7 x 7 Emergency Cooler Rental	632.46	
01 22 23 00-1340	MO	10 x 7 x 7 Emergency Cooler Rental	1,581.15	
01 22 23 00-1341	DAY	10 x 7 x 7 Emergency Freezer Rental	184.47	
01 22 23 00-1342	WK	10 x 7 x 7 Emergency Freezer Rental	737.87	
01 22 23 00-1343	MO	10 x 7 x 7 Emergency Freezer Rental	1,897.38	
01 22 23 00-1344	DAY	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	210.82	
01 22 23 00-1345	WK	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	843.28	
01 22 23 00-1346	MO	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	2,108.20	
01 22 23 00-1347		**Fuel Oil Tank** *(01 22 23 00-1285)* Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes 0ff-road fuel costs. See CSI section 01 22 23 00-0812 for reimbursable fuel fees.		
01 22 23 00-1348	MO	100 Gallon Portable Double Wall Fuel Oil Tank Rental	416.54	
01 22 23 00-1349	MO	275 Gallon Portable Double Wall Fuel Oil Tank Rental	647.96	
01 22 23 00-1350	MO	500 Gallon Portable Double Wall Fuel Oil Tank Rental	1,619.89	
01 22 23 00-1351	MO	1,000 Gallon Portable Double Wall Fuel Oil Tank Rental	2,699.81	
01 22 23 00-1352	MO	2,300 Gallon Portable Double Wall Fuel Oil Tank Rental	3,563.75	
01 22 23 00-1353	MO	5,000 Gallon Portable Double Wall Fuel Oil Tank Rental	6,366.42	
01 22 23 00-1354		**Portable Spot Cooling Units** *(01 22 23 00-1285)* Note: Includes delivery to job site, up to 20' duct connection to existing system/exhaust and pick-up when complete. Excludes operator.		
01 22 23 00-1355	DAY	1 Ton Portable Spot Cooling Unit	171.41	
01 22 23 00-1356	WK	1 Ton Portable Spot Cooling Unit	371.39	
01 22 23 00-1357	MO	1 Ton Portable Spot Cooling Unit	877.94	
01 22 23 00-1358	DAY	1.5 Ton Portable Spot Cooling Unit	224.16	
01 22 23 00-1359	WK	1.5 Ton Portable Spot Cooling Unit	460.40	
01 22 23 00-1360	MO	1.5 Ton Portable Spot Cooling Unit	1,080.12	
01 22 23 00-1361	DAY	2 Ton Portable Spot Cooling Unit	302.17	
01 22 23 00-1362	WK	2 Ton Portable Spot Cooling Unit	631.81	
01 22 23 00-1363	MO	2 Ton Portable Spot Cooling Unit	1,170.22	
01 22 23 00-1364	DAY	3 Ton Portable Spot Cooling Unit	316.45	
01 22 23 00-1365	WK	3 Ton Portable Spot Cooling Unit	670.27	
01 22 23 00-1366	MO	3 Ton Portable Spot Cooling Unit	1,481.18	
01 22 23 00-1367	DAY	5 Ton Portable Spot Cooling Unit	494.46	
01 22 23 00-1368	WK	5 Ton Portable Spot Cooling Unit	999.91	
01 22 23 00-1369	MO	5 Ton Portable Spot Cooling Unit	2,077.83	
01 22 23 00-1370	DAY	10 To 12 Ton Portable Spot Cooling Unit	646.09	
01 22 23 00-1371	WK	10 To 12 Ton Portable Spot Cooling Unit	1,455.91	
01 22 23 00-1372	MO	10 To 12 Ton Portable Spot Cooling Unit	3,513.96	
01 22 23 00-1373	DAY	20 Ton Portable Spot Cooling Unit	741.69	
01 22 23 00-1374	WK	20 Ton Portable Spot Cooling Unit	1,703.14	
01 22 23 00-1375	MO	20 Ton Portable Spot Cooling Unit	4,746.82	
01 22 23 00-1376	DAY	25 Ton Portable Spot Cooling Unit	1,054.85	
01 22 23 00-1377	WK	25 Ton Portable Spot Cooling Unit	2,137.17	
01 22 23 00-1378	MO	25 Ton Portable Spot Cooling Unit	4,972.07	
01 22 23 00-1379		**Air Handling Unit (AHU)** *(01 22 23 00-1285)* Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1380		**Air Handling Unit (AHU)** *(01 22 23 00-1379)*		
01 22 23 00-1381	MO	5,000 CFM Air Handling Unit Rental	2,943.52	
01 22 23 00-1382	MO	10,000 CFM Air Handling Unit Rental	3,043.68	
01 22 23 00-1383	MO	25,000 CFM Air Handling Unit Rental	5,001.77	
01 22 23 00-1384		**Air Handling Unit Setup** *(01 22 23 00-1379)*		
01 22 23 00-1385	EA	Setup Rental Air Handling Unit Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.	1,039.07	
01 22 23 00-1386	MO	12" x 100' Flex Duct For AHU Rental Note: Includes four (4) 25' sections.	288.06	
01 22 23 00-1387	MO	20" x 100' Flex Duct For AHU Rental Note: Includes four (4) 25' sections.	348.31	
01 22 23 00-1388		**Truck And Trailer Equipment** *(01 22 23)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1389		**Trucks** *(01 22 23 00-1388)* Note: Includes driver, delivery, and removal.		
01 22 23 00-1390		**Flat Bed Trucks** *(01 22 23 00-1389)* Note: Includes hydraulic tilt bed.		
01 22 23 00-1391	DAY	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	957.13	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1392	WK	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	4,188.73	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1393	MO	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	16,961.87	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-1394	DAY	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,065.66	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1395	WK	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	4,466.83	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1396	MO	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	17,674.08	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-1397	DAY	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,143.53	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1398	WK	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	4,764.47	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1399	MO	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	18,806.84	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-1400		**Light Off-Road Utility Passenger Vehicles** *(01 22 23 00-1389)*		
01 22 23 00-1401	DAY	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	287.71	
01 22 23 00-1402	WK	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	665.33	
01 22 23 00-1403	MO	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	1,438.56	
01 22 23 00-1404	DAY	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	296.70	
01 22 23 00-1405	WK	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	692.31	
01 22 23 00-1406	MO	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	1,528.47	
01 22 23 00-1407		**Light Duty Trucks** *(01 22 23 00-1389)*		
01 22 23 00-1408	DAY	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	962.10	
		For Equipment Without Operator, Deduct	*-701.80*	
01 22 23 00-1409	WK	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	4,363.13	
		For Equipment Without Operator, Deduct	*-3,509.01*	
01 22 23 00-1410	MO	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	16,995.31	
		For Equipment Without Operator, Deduct	*-15,205.72*	
01 22 23 00-1411	DAY	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	1,010.91	
		For Equipment Without Operator, Deduct	*-701.80*	
01 22 23 00-1412	WK	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	4,509.55	
		For Equipment Without Operator, Deduct	*-3,509.01*	
01 22 23 00-1413	MO	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	17,320.69	
		For Equipment Without Operator, Deduct	*-15,205.72*	
01 22 23 00-1414		**Boom Trucks** *(01 22 23 00-1389)*		
01 22 23 00-1415	DAY	3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver	1,173.51	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1416	WK	3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver	4,747.65	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1417	MO	3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver	18,386.29	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-1418		**Rear Dump Trucks** *(01 22 23 00-1389)*		
01 22 23 00-1419	DAY	2.5 CY Rear Dump Truck With Full-Time Truck Driver	1,060.86	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1420	WK	2.5 CY Rear Dump Truck With Full-Time Truck Driver	4,467.64	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1421	MO	2.5 CY Rear Dump Truck With Full-Time Truck Driver	18,168.45	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-1422	DAY	4 CY Rear Dump Truck With Full-Time Truck Driver	1,178.45	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1423	WK	4 CY Rear Dump Truck With Full-Time Truck Driver	4,831.98	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1424	MO	4 CY Rear Dump Truck With Full-Time Truck Driver	18,673.51	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-1425	DAY	6 CY Rear Dump Truck With Full-Time Truck Driver	1,245.92	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1426	WK	6 CY Rear Dump Truck With Full-Time Truck Driver	4,976.56	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1427	MO	6 CY Rear Dump Truck With Full-Time Truck Driver	18,769.89	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-1428	DAY	13 CY Rear Dump Truck With Full-Time Truck Driver	2,045.91	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1429	WK	13 CY Rear Dump Truck With Full-Time Truck Driver	6,624.74	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1430	MO	13 CY Rear Dump Truck With Full-Time Truck Driver	23,396.37	
		For Equipment Without Operator, Deduct	*-15,300.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1431	DAY	18 CY Rear Dump Truck With Full-Time Truck Driver	2,179.89	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1432	WK	18 CY Rear Dump Truck With Full-Time Truck Driver	6,934.13	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1433	MO	18 CY Rear Dump Truck With Full-Time Truck Driver	24,206.00	
		For Equipment Without Operator, Deduct	*-15,300.03*	

01 22 23 00-1434 Under-Bridge Inspection Trucks *(01 22 23 00-1389)*

01 22 23 00-1435	DAY	40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	4,371.94	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1436	WK	40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	19,878.16	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1437	MO	40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	73,247.90	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-1438	DAY	50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	4,867.31	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1439	WK	50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	20,868.90	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1440	MO	50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	76,986.47	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-1441	DAY	60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	5,164.54	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1442	WK	60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	22,355.03	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1443	MO	60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	80,725.05	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-1444	DAY	75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	6,452.51	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1445	WK	75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	28,299.53	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1446	MO	75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	99,417.91	
		For Equipment Without Operator, Deduct	*-15,300.03*	

01 22 23 00-1447 Vacuum Trucks *(01 22 23 00-1389)*

01 22 23 00-1448	DAY	1,500 To 2,000 Gallon Vacuum Truck With Full-Time Truck Driver	1,094.47	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1449	WK	1,500 To 2,000 Gallon Vacuum Truck With Full-Time Truck Driver	4,688.11	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1450	MO	1,500 To 2,000 Gallon Vacuum Truck With Full-Time Truck Driver	18,718.72	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-1451	DAY	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	2,036.27	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1452	WK	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	7,536.54	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1453	MO	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	27,120.69	
		For Equipment Without Operator, Deduct	*-15,300.03*	

01 22 23 00-1454 Water Trucks *(01 22 23 00-1389)*

Note: Includes pump and 1-1/2" Diameter x 50' water hose. See CSI section 01 22 23 00-1175 for additional discharge hose, 01 22 23 00-1489 for water trailer.

01 22 23 00-1455	DAY	2,000 Gallon Water Truck With Full-Time Driver	1,391.42	
		For Equipment Without Operator, Deduct	*-706.16*	
		For Each 1,000 Gallon Of Purchased Water, Add	*13.89*	
01 22 23 00-1456	WK	2,000 Gallon Water Truck With Full-Time Driver	5,335.30	
		For Equipment Without Operator, Deduct	*-3,530.78*	
		For Each 1,000 Gallon Of Purchased Water, Add	*13.89*	
01 22 23 00-1457	MO	2,000 Gallon Water Truck With Full-Time Driver	19,563.87	
		For Equipment Without Operator, Deduct	*-15,300.03*	
		For Each 1,000 Gallon Of Purchased Water, Add	*13.89*	
01 22 23 00-1458	DAY	2,500 To 3,000 Gal Water Truck With Full-Time Operator	1,513.24	
		For Equipment Without Operator, Deduct	*-706.16*	
		For Each 1,000 Gallon Of Purchased Water, Add	*13.89*	
01 22 23 00-1459	WK	2,500 To 3,000 Gal Water Truck With Full-Time Operator	6,180.45	
		For Equipment Without Operator, Deduct	*-3,530.78*	
		For Each 1,000 Gallon Of Purchased Water, Add	*13.89*	
01 22 23 00-1460	MO	2,500 To 3,000 Gal Water Truck With Full-Time Operator	21,901.37	
		For Equipment Without Operator, Deduct	*-15,300.03*	
		For Each 1,000 Gallon Of Purchased Water, Add	*13.89*	
01 22 23 00-1461	DAY	3,700 To 4,000 Gallon Water Truck With Full-Time Driver	1,726.44	
		For Equipment Without Operator, Deduct	*-706.16*	
		For Each 1,000 Gallon Of Purchased Water, Add	*13.89*	
01 22 23 00-1462	WK	3,700 To 4,000 Gallon Water Truck With Full-Time Driver	6,340.35	
		For Equipment Without Operator, Deduct	*-3,530.78*	
		For Each 1,000 Gallon Of Purchased Water, Add	*13.89*	
01 22 23 00-1463	MO	3,700 To 4,000 Gallon Water Truck With Full-Time Driver	22,152.63	
		For Equipment Without Operator, Deduct	*-15,300.03*	
		For Each 1,000 Gallon Of Purchased Water, Add	*13.89*	

01 22 23 00-1464 Asphalt Distribution Trucks *(01 22 23 00-1389)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1465	DAY	3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver	1,868.77	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1466	WK	3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver	7,003.68	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1467	MO	3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver	25,566.78	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-1468		Traffic Control Truck With Mounted Impact Attenuators/Crash Cushions And Arrow Board *(01 22 23 00-1389)*		
01 22 23 00-1469	DAY	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	1,413.34	
		For Equipment Without Operator, Deduct	*-701.80*	
01 22 23 00-1470	WK	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	5,608.95	
		For Equipment Without Operator, Deduct	*-3,509.01*	
01 22 23 00-1471	MO	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	20,305.35	
		For Equipment Without Operator, Deduct	*-15,205.72*	
01 22 23 00-1472		Combination Jet/Vacuum Trucks *(01 22 23 00-1389)*		
01 22 23 00-1473	DAY	500 Gallon Water, 6 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	3,068.11	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1474	WK	500 Gallon Water, 6 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	14,587.55	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1475	DAY	1,000 Gallon Water, 10 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	3,480.26	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1476	WK	1,000 Gallon Water, 10 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	16,985.16	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1477	DAY	2,000 Gallon Water, 15 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	3,876.56	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1478	WK	2,000 Gallon Water, 15 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	19,382.78	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1479		Vacuum Sweeper Trucks For Bridge Decks *(01 22 23 00-1389)*		
01 22 23 00-1480	DAY	Vacuum Sweeper Truck, With Full-Time Truck Driver	2,036.27	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1481	WK	Vacuum Sweeper Truck, With Full-Time Truck Driver	7,536.54	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1482	MO	Vacuum Sweeper Truck, With Full-Time Truck Driver	27,120.69	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-1483		Truck Mounted Accessories *(01 22 23 00-1388)*		
		Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-1484		Truck Mounted Arrow Boards *(01 22 23 00-1483)*		
01 22 23 00-1485	DAY	Truck Mounted Arrow Board	55.92	
01 22 23 00-1486	WK	Truck Mounted Arrow Board	222.39	
01 22 23 00-1487	MO	Truck Mounted Arrow Board	792.98	
01 22 23 00-1488		Trailers *(01 22 23 00-1388)*		
		Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-1489		Water Trailers With Pump *(01 22 23 00-1488)*		
01 22 23 00-1490	DAY	500 To 600 Gallon Water Trailer With Pump	175.12	
01 22 23 00-1491	WK	500 To 600 Gallon Water Trailer With Pump	449.23	
01 22 23 00-1492	MO	500 To 600 Gallon Water Trailer With Pump	1,203.01	
01 22 23 00-1493		Refrigerated Trailers *(01 22 23 00-1488)*		
		Note: Excludes electrical supply and connection		
01 22 23 00-1494	MO	8' x 40' Refrigerated Container Trailer	2,005.92	
		Note: Requires 460 volt, 3 phase electrcial power connection. See CSI section 10 56 13 00-0000 for metal storage shelving, 26 05 00 00-0000 for electrical wiring.		
01 22 23 00-1495		Trailer Mounted Equipment *(01 22 23 00-1388)*		
01 22 23 00-1496		Trailer Mounted Under-Bridge Aerial Access Platform *(01 22 23 00-1495)*		
		Note: Includes full-time operator. Excludes truck.		
01 22 23 00-1497	DAY	Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator	2,759.71	
		For Equipment Without Operator, Deduct	*-706.16*	
01 22 23 00-1498	WK	Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator	9,691.44	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1499	MO	Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator	32,412.98	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-1500	DAY	Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator	2,965.07	
		For Equipment Without Operator, Deduct	*-706.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1501	WK	Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator	10,307.51	
		For Equipment Without Operator, Deduct	*-3,530.78*	
01 22 23 00-1502	MO	Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator	34,124.28	
		For Equipment Without Operator, Deduct	*-15,300.03*	
01 22 23 00-1503		Trailer Mounted Bridge Stripping Buggy *(01 22 23 00-1495)*		
01 22 23 00-1504	DAY	Trailer Mounted Bridge Overhang Stripping Buggy	233.02	
01 22 23 00-1505	WK	Trailer Mounted Bridge Overhang Stripping Buggy	699.10	
01 22 23 00-1506	MO	Trailer Mounted Bridge Overhang Stripping Buggy	1,941.87	
01 22 23 00-1507		Portable Trailer Mounted, CCTV Camera Systems *(01 22 23 00-1495)*		
		Note: Includes trailer. Excludes truck.		
01 22 23 00-1508	MO	Portable Trailer Mounted, Single Camera, CCTV Camera System	2,697.30	
01 22 23 00-1509	MO	Portable Trailer Mounted, Multi-Camera/Loud Speaker, CCTV Camera System	4,675.32	

01 30 Administrative Requirements *(01)*

01 35 Special Procedures *(01 30)*

01 35 29 Health, Safety, and Emergency Response Procedures *(01 35)*

See CSI section 02 90 00 00-0000 for disaster recovery task.

01 35 29 00-0001		Emergency Response *(01 35 29)*		
		See CSI section 01 22 20 00-0001 for labor services to load and unload shipping container, 01 22 20 00-0062 for security guards, 01 22 23 00-0000 for portable equipment usage (air compressors, generators, lighting, etc.), 01 52 13 00-0029 for container usage.		
01 35 29 00-0002	MI	Trucking Delivery Of 20' Shipping Container	2.51	
01 35 29 00-0003	MI	Trucking Delivery Of 40' Shipping Container	5.01	

01 35 33 Infection Control Procedures *(01 35)*

See CSI section 02 87 19 00-0000 for Bio-Hazard And Infectious Disease Control Remediation.

01 35 33 00-0001		Infection Prevention Inspection Reports *(01 35 33)*		
01 35 33 00-0002	HR	Infection Prevention Inspection Reports	105.00	

01 40 Quality Requirements *(01)*

01 45 Quality Control *(01 40)*

01 45 23 Testing and Inspecting Services *(01 45)*

Note: For application to existing materials/site conditions only. Includes acquisition and maintenance of sample (for laboratory tests) to include shipping as required, applicable equipment for field tests, and appropriate test reports.

01 45 23 00-0001		Soils/Aggregate Testing *(01 45 23)*		
01 45 23 00-0002		Field Soils Tests *(01 45 23 00-0001)*		
01 45 23 00-0003	EA	Plasticity Index Soils Test, ASTM D-4318, Field Soils Test	328.58	
01 45 23 00-0004	EA	4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	466.38	
01 45 23 00-0005	EA	6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	529.98	
01 45 23 00-0006	EA	Resistance (R) Value Soils Test, CA 301, Field Soils Test	423.98	
01 45 23 00-0007	EA	Soils Classification Test, ASTM D-2487, Field Soils Test	635.97	
01 45 23 00-0008	SET	Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test	1,271.51	
01 45 23 00-0009	EA	Moisture Content, Field Soils Test	47.68	
01 45 23 00-0010	EA	UBC Or Swell Test, Field Soils Test	127.19	
01 45 23 00-0011	EA	Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test	317.88	
01 45 23 00-0012	EA	Proctor Compaction 6" Standard Mold, Field Soils Test	397.35	
01 45 23 00-0013	EA	Density And Classification Test, Field Soils Test	96.82	
01 45 23 00-0014	EA	Percolation Test, Field Soils Test	242.05	
01 45 23 00-0015	EA	Infiltration Test, Field Soils Test	484.10	
01 45 23 00-0016		Aggregate Testing *(01 45 23 00-0001)*		
01 45 23 00-0017	EA	Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202	106.00	
01 45 23 00-0018	EA	Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202	190.79	
01 45 23 00-0019	EA	Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202	264.99	
01 45 23 00-0020	EA	Sieve Analysis, Pit Run, ASTM C136	157.33	
		Note: Includes wash.		
01 45 23 00-0021	EA	Specific Special Gravity, Course, ASTM C127	168.41	
		Note: Includes absorption test.		
01 45 23 00-0022	EA	Special Gravity, Fine, ASTM C127	150.99	
		Note: Includes absorption test.		
01 45 23 00-0023	EA	Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	224.55	
01 45 23 00-0024	EA	Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	211.99	
01 45 23 00-0025	EA	Aggregate Cleanness Value, ASTM C-128, CA 227	211.99	
01 45 23 00-0026	EA	Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217	158.99	
01 45 23 00-0027	EA	Fine Aggregate Durability Index, CA 229	169.59	
01 45 23 00-0028	EA	Sodium And Magnesium Soundness, ASTM C88	445.03	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0029	EA	Los Angeles Rattler, ASTM C-131, CA 211	339.18	
01 45 23 00-0030	EA	Los Angeles Rattler, ASTM C-535	339.18	
01 45 23 00-0031	EA	Unit Weight Of Aggregates, ASTM C29	95.40	
01 45 23 00-0032	EA	Organic Impurities In Sand, ASTM C40	95.36	
01 45 23 00-0033	EA	Crushed Particle, ASTM California Test Method	95.36	
01 45 23 00-0034	EA	Clay Lump And Friable Particles, ASTM C142	190.73	
01 45 23 00-0035		Permeability Tests *(01 45 23 00-0001)*		
01 45 23 00-0036		In-Place Tests *(01 45 23 00-0035)*		
01 45 23 00-0037	EA	Double Ring Infiltrometer Test, ASTM D3385	1,684.12	
01 45 23 00-0038	EA	Unconfined Compressive Strength (Pocket Penetrometer) Test	79.47	
01 45 23 00-0039		Lab Tests *(01 45 23 00-0035)*		
01 45 23 00-0040	EA	Falling Head Rigid Wall Consolidometer Technique CAE	785.92	
01 45 23 00-0041	EA	Falling Head Permeability Test EPA-9100	785.92	
01 45 23 00-0042	EA	Constant Head Permeability Test For Granular Soils, ASTM D2432	449.10	
01 45 23 00-0043		Concrete/Cement/Asphalt Testing *(01 45 23)*		
01 45 23 00-0044		Concrete Testing *(01 45 23 00-0043)*		
01 45 23 00-0045	EA	Prepare 6 x 12 Concrete Cylinder And Deliver To Lab	23.48	
01 45 23 00-0046	EA	6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633	67.36	
01 45 23 00-0047	EA	Concrete Cores Compression Test, ASTM C-42	137.79	
01 45 23 00-0048	EA	6 x 6 x 18 Concrete Flexural Test, ASTM C-78	201.39	
01 45 23 00-0049	EA	Unit Weight Of Concrete Cylinder, ASTM C-567	74.20	
01 45 23 00-0050	EA	Concrete Mix Design Review	402.78	
01 45 23 00-0051	EA	Trial Concrete Batch Prepared In Laboratory	953.96	
01 45 23 00-0052	EA	Concrete Shrinkage, ASTM C-157 Modified	741.96	
01 45 23 00-0053	EA	6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496	114.47	
01 45 23 00-0054	EA	Concrete Slump Test, ASTM C143	53.00	
01 45 23 00-0055	EA	Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231	53.00	
01 45 23 00-0056		Cement Testing *(01 45 23 00-0043)*		
01 45 23 00-0057	EA	Cement Grab Sample (CCR Title 24) Note: Includes sealing and storing 1 year.	53.00	
01 45 23 00-0058	EA	2" x 2" x 2" Cube Compression Test, All Type Materials	84.80	
01 45 23 00-0059		Asphaltic Concrete Testing *(01 45 23 00-0043)*		
01 45 23 00-0060	EA	Hveem Asphaltic Concrete Stability Test, CA 366	106.00	
01 45 23 00-0061	EA	Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927	275.59	
01 45 23 00-0062	EA	Stability Tests, Premixed, ASTM D1559	106.00	
01 45 23 00-0063	EA	Stability Tests, Lab. Mixed, ASTM D1559	275.59	
01 45 23 00-0064	EA	Swell Test, CA 305 Note: Includes compaction.	127.19	
01 45 23 00-0065	EA	% Asphalt Extraction Test, ASTM D-2172 B	317.98	
01 45 23 00-0066	EA	Gradation On Extracted Sample, ASTM D-5444	211.99	
01 45 23 00-0067	EA	Maximum Theoretical Unit Weight, ASTM C2041	202.10	
01 45 23 00-0068	EA	Unit Weight Sample Requiring Compaction, California Test Method 308	42.40	
01 45 23 00-0069	EA	Asphalt Unit Weight On Core Test, CA 308C	42.40	
01 45 23 00-0070	HR	Nuclear Field Density Testing, 4 Hour Minimum	218.35	
01 45 23 00-0071	EA	Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664	108.92	
01 45 23 00-0072	EA	Penetration, ASTM D5	153.12	
01 45 23 00-0073		Masonry/Concrete Block/Tile Testing *(01 45 23)*		
01 45 23 00-0074		Masonry Testing *(01 45 23 00-0073)*		
01 45 23 00-0075	EA	2" x 4" Cylinder Mortar Compression Test	69.96	
01 45 23 00-0076	EA	4" x 4" x 8" Grout Prisms Compression Test	69.96	
01 45 23 00-0077	EA	Masonry Cores Compression Test	137.79	
01 45 23 00-0078	EA	Composite Grouted Prism Compression Test	264.99	
01 45 23 00-0079		Concrete Block Testing (ASTM C140 Or CMA Per Specimen) *(01 45 23 00-0073)*		
01 45 23 00-0080	EA	Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140	169.59	
01 45 23 00-0081	EA	Absorption Test, Moisture Content And Unit Weight	116.59	
01 45 23 00-0082	EA	First Unit, Moisture Condition By Relative Humidity, ASTM C427	445.03	
01 45 23 00-0083	EA	Moisture Condition By Relative Humidity, ASTM C427, Additional Unit	222.51	
01 45 23 00-0084		Metals Testing *(01 45 23)*		
01 45 23 00-0085		Tank Tightness Testing *(01 45 23 00-0084)*		
01 45 23 00-0086	GAL	Up To 20 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	7.60	
01 45 23 00-0087	GAL	>20 To 120 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	6.51	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0088	EA	Up To 12,000 Gallons, Tank Volumetric Tightness Testing	1,953.45	
01 45 23 00-0089	EA	>12,000 To 29,999 Gallons, Tank Volumetric Tightness Testing	2,386.78	
01 45 23 00-0090	EA	>29,999 Gallons, Tank Volumetric Tightness Testing	3,039.67	
01 45 23 00-0091		Tank Line Tightness Testing *(01 45 23 00-0084)*		
01 45 23 00-0092	EA	Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing	412.19	
01 45 23 00-0093	EA	>12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing	457.69	
01 45 23 00-0094	EA	>29,999 Gallons, Tank Line Volumetric Tightness Testing	503.04	
01 45 23 00-0095		Other Testing *(01 45 23)*		
01 45 23 00-0096		Special Testing *(01 45 23 00-0095)*		
01 45 23 00-0097	EA	Asphalt Roofing Cut-out Samples, To Determine Unit Weight	158.94	
01 45 23 00-0098	EA	Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617	953.63	
01 45 23 00-0099	EA	Bacteria Test (Total Coliform Bacteria And E. Coli Bacteria)	49.54	
01 45 23 00-0100	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Caulk, Analysis Per Sample	205.48	
01 45 23 00-0101	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Soil, Analysis Per Sample	205.48	
01 45 23 00-0102	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) Using Wipe Sampling, Analysis Per Sample	205.48	
01 45 23 00-0103	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Air, Analysis Per Sample	1,130.14	
01 45 23 00-0104	EA	Testing And Certification Of Backflow Valves	505.65	
01 45 23 00-0105		Nondestructive Field Testing Services *(01 45 23 00-0095)*		
01 45 23 00-0106		Infrared Thermography *(01 45 23 00-0105)*		
		Note: The following tasks use certified infrared (IR) thermographers, such as Stockton Infrared Thermographic Services, Inc. and United Infrared, Inc., to scan for specific problems and produce a report on the findings. The contractor is entitled to the mobilization charge and the appropriate square foot or hourly task.		
01 45 23 00-0107		Roof Investigation And Moisture Survey Using Infrared Thermography *(01 45 23 00-0106)*		
		Note: For on the roof surveys.		
01 45 23 00-0108	EA	Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge	3,698.64	
01 45 23 00-0109	CSF	Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	6.16	
		For CADD Drawings, Add	*1.23*	
01 45 23 00-0110	CSF	>10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	4.11	
		For CADD Drawings, Add	*0.82*	
01 45 23 00-0111	CSF	>50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	3.08	
		For CADD Drawings, Add	*0.62*	
		For Elevated Infrared Thermography Roof Investigation, Add	*0.77*	
		For Aerial Infrared Thermography Roof Investigation, Add	*0.77*	
01 45 23 00-0112	CSF	>250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	2.05	
		For CADD Drawings, Add	*0.41*	
		For Elevated Infrared Thermography Roof Investigation, Add	*0.51*	
		For Aerial Infrared Thermography Roof Investigation, Add	*0.51*	
01 45 23 00-0113		Building Moisture Investigation Using Infrared Thermography *(01 45 23 00-0106)*		
		Note: For finding moisture in walls and windows.		
01 45 23 00-0114	EA	Building Moisture Investigation Using Infrared Thermography, Mobilization Charge	1,952.06	
01 45 23 00-0115	CSF	Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography	6.16	
		For Digital Or Analog Recording Of All Items, Add	*3.08*	
01 45 23 00-0116	CSF	>1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography	4.11	
		For Digital Or Analog Recording Of All Items, Add	*2.06*	
01 45 23 00-0117	CSF	>5,000 SF, Building Moisture Investigation Using Infrared Thermography	2.05	
		For Digital Or Analog Recording Of All Items, Add	*1.03*	
01 45 23 00-0118		General Building Investigation Using Infrared Thermography *(01 45 23 00-0106)*		
		Note: For finding missing or misplaced insulation, air leakage and delamination.		
01 45 23 00-0119	EA	General Building Investigation Using Infrared Thermography, Mobilization Charge	4,006.86	
01 45 23 00-0120	CSF	Up To 1,000 SF, General Building Investigation Using Infrared Thermography	6.16	
		For Digital Or Analog Recording Of All Items, Add	*3.08*	
01 45 23 00-0121	CSF	>1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography	4.11	
		For Digital Or Analog Recording Of All Items, Add	*2.06*	
01 45 23 00-0122	CSF	>5,000 SF, General Building Investigation Using Infrared Thermography	2.05	
		For Digital Or Analog Recording Of All Items, Add	*1.03*	
01 45 23 00-0123		Electrical /Mechanical Equipment Scanning Using Infrared Thermography *(01 45 23 00-0106)*		
		Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction.		
01 45 23 00-0124	EA	Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge	1,952.06	
01 45 23 00-0125	HR	Electrical /Mechanical Equipment Scanning Using Infrared Thermography	215.30	
		For Digital Or Analog Recording Of All Items, Add	*32.22*	
01 45 23 00-0126		Concrete Block Wall Investigation Using Infrared Thermography *(01 45 23 00-0106)*		
		Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0127	EA	Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge	1,952.06	
01 45 23 00-0128	CSF	Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	6.16	
		For Digital Or Analog Recording Of All Items, Add	*0.92*	
01 45 23 00-0129	CSF	>50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	4.11	
		For Digital Or Analog Recording Of All Items, Add	*0.62*	
01 45 23 00-0130		Other Nondestructive Field Testing Services *(01 45 23 00-0105)*		
01 45 23 00-0131	HR	ASNT Certified Level I NDT Consultant	86.75	
01 45 23 00-0132	HR	ASNT Certified Level II NDT Consultant	108.25	
01 45 23 00-0133	HR	ASNT Certified Level III NDT Consultant	124.28	
01 45 23 00-0134	HR	Certified Industrial Radiography Radiation Safety Personnel	107.65	

01 45 29 Testing Laboratory Services *(01 45)*

01 45 29 00-0001		Soil Borings Laboratory Tests *(01 45 29)*		
01 45 29 00-0002	EA	Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test	145.96	
01 45 29 00-0003	EA	Shrinkage Limit, Soil Borings Laboratory Test	46.57	
01 45 29 00-0004	EA	Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test	112.28	
01 45 29 00-0005	EA	Consolidation, Soil Borings Laboratory Test	785.92	
01 45 29 00-0006	EA	Swell Test, Soil Borings Laboratory Test	123.22	
01 45 29 00-0007	EA	In Place Density, Soil Borings Laboratory Test	33.68	
01 45 29 00-0008	EA	Moisture Content, ASTM D2216, Soil Borings Laboratory Test	20.92	
01 45 29 00-0009	EA	Hydrometer Analysis, Soil Borings Laboratory Test	270.16	
01 45 29 00-0010	EA	Specific Gravity, ASTM D854, Soil Borings Laboratory Test	94.19	
01 45 29 00-0011	EA	Partial Sieve Analysis, Soil Borings Laboratory Test	18.63	
01 45 29 00-0012	EA	Laboratory Permeability, Soil Borings Laboratory Test	931.32	
01 45 29 00-0013	EA	Sieve Analysis, ASTM D422, Soil Borings Laboratory Test	188.37	
01 45 29 00-0014	EA	Sulfate Soundness, Soil Borings Laboratory Test	232.83	
01 45 29 00-0015	EA	Los Angeles Abrasion, Soil Borings Laboratory Test	430.99	
01 45 29 00-0016	EA	Soil Bearing Ratio, ASTM D1883	476.98	
01 45 29 00-0017	EA	Compaction Test Subgrade, Soil Borings Laboratory Test	139.70	
01 45 29 00-0018	EA	Compaction Test Base Course, Soil Borings Laboratory Test	155.22	
01 45 29 00-0019	EA	In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test	333.14	
01 45 29 00-0020	EA	Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test	71.40	

01 50 Temporary Facilities and Controls *(01)*

Note: Tasks in this section shall be used as directed by owner.

01 51 Temporary Utilities *(01 50)*

01 51 13 Temporary Electricity *(01 51)*

01 51 13 00-0001		Temporary Power Pole Rentals *(01 51 13)* Note: Includes installation in ground and removal after use.		
01 51 13 00-0002	MON	17' To 35' Temporary Wood Power Pole Rental For 100 Amperes Service	86.96	
01 51 13 00-0003	MON	17' To 35' Temporary Wood Power Pole Rental For 200 Amperes Service	104.35	
01 51 13 00-0004	EA	Power Installation For 100 Amperes Service Note: One time fee	869.62	
01 51 13 00-0005	EA	Power Installation For 200 Amperes Service Note: One time fee	1,043.54	
01 51 13 00-0006		Temporary Service Switch And/Or Building Feeder Switch *(01 51 13)* Note: Includes all connections and removal after use.		
01 51 13 00-0007	EA	Temporary 100 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses	1,454.24	
01 51 13 00-0008	EA	Temporary 200 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses	2,266.22	
01 51 13 00-0009	EA	Temporary 400 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	4,121.28	
01 51 13 00-0010	EA	Temporary 600 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	6,669.79	
01 51 13 00-0011		Temporary 120/208 Volt Main Lug Panelboard Complete With Branch Fuses *(01 51 13)* Note: Includes mounting on wall and removal after use.		
01 51 13 00-0012	EA	Temporary 100 Amperes, Panelboard Complete With GFCI Circuit Breakers	1,467.31	
01 51 13 00-0013	EA	Temporary 200 Amperes, Panelboard Complete With GFCI Circuit Breakers	2,088.11	
01 51 13 00-0014	EA	Temporary 400 Amperes, Panelboard Complete With GFCI Circuit Breakers	3,256.49	
01 51 13 00-0015	EA	Temporary 600 Amperes, Panelboard Complete With GFCI Circuit Breakers	4,689.75	
01 51 13 00-0016		Temporary Conduit And Cable For Temporary Disconnect Switches And Temporary Panelboards *(01 51 13)* Note: Includes all connections, fittings, supports and removal after use.		
01 51 13 00-0017	LF	Temporary SER Cable (Conduit As Required) For Temporary Disconnect Switches And Temporary Panelboards	11.31	
01 51 13 00-0018	LF	Temporary Branch Circuit Conduit And Wiring For Temporary Disconnect Switches And Temporary Panelboards	12.40	

01 51 26 Temporary Lighting *(01 51)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 51 26 00-0001		Temporary Lighting Devices *(01 51 26)* Note: Includes removal after use.		
01 51 26 00-0002	EA	Temporary Exit Light	290.40	
01 51 26 00-0003	EA	Temporary 10 Light String With Cages	105.72	
01 51 26 00-0004	EA	Temporary High Bay Light	398.50	

01 52 Construction Facilities *(01 50)*

Note: Tasks in this section shall be used as directed by owner for owner's use. See CSI section 13 34 23 13-0030 for anchors for holding down portable buildings and structures where required.

01 52 13 Field Offices and Sheds *(01 52)*

01 52 13 00-0001		Field Offices and Office Trailers *(01 52 13)* Note: Excludes furniture, utility connections and service. Minimum 6 months rental.		
01 52 13 00-0002	MO	8' x 24' Mobile Office, With Toilet	184.67	
		For Each Delivery And Removal, Two Round Trips, Add	*1,231.01*	
		For Each Set-Up (Block And Level), Add	*430.60*	
		For Each Anchoring Into Dirt, Add	*131.31*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*196.96*	
		For Office Trailer Without Toilet, Deduct	*-36.93*	
01 52 13 00-0003	MO	8' x 32' Mobile Office, With Toilet	209.29	
		For Each Delivery And Removal, Two Round Trips, Add	*1,231.01*	
		For Each Set-Up (Block And Level), Add	*430.60*	
		For Each Anchoring Into Dirt, Add	*131.31*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*196.96*	
		For Office Trailer Without Toilet, Deduct	*-41.86*	
01 52 13 00-0004	MO	10' x 36' Mobile Office, With Toilet	283.16	
		For Each Delivery And Removal, Two Round Trips, Add	*1,846.51*	
		For Each Set-Up (Block And Level), Add	*702.55*	
		For Each Anchoring Into Dirt, Add	*131.31*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*196.96*	
		For Office Trailer Without Toilet, Deduct	*-56.63*	
01 52 13 00-0005	MO	10' x 40' Mobile Office, With Toilet	301.63	
		For Each Delivery And Removal, Two Round Trips, Add	*1,846.51*	
		For Each Set-Up (Block And Level), Add	*702.55*	
		For Each Anchoring Into Dirt, Add	*131.31*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*196.96*	
		For Office Trailer Without Toilet, Deduct	*-60.33*	
01 52 13 00-0006	MO	10' x 44' Mobile Office, With Toilet	332.40	
		For Each Delivery And Removal, Two Round Trips, Add	*1,846.51*	
		For Each Set-Up (Block And Level), Add	*702.55*	
		For Each Anchoring Into Dirt, Add	*131.31*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*196.96*	
01 52 13 00-0007	MO	10' x 50' Mobile Office, With Toilet	350.87	
		For Each Delivery And Removal, Two Round Trips, Add	*1,846.51*	
		For Each Set-Up (Block And Level), Add	*702.55*	
		For Each Anchoring Into Dirt, Add	*131.31*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*196.96*	
01 52 13 00-0008	MO	12' x 32' Mobile Office, With Toilet	271.46	
		For Each Anchoring Into Dirt, Add	*131.31*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*196.96*	
		For Each Delivery And Set-Up (Block And Level), Add	*1,028.23*	
		For Each Knock-Down And Pick-Up, Add	*833.23*	
01 52 13 00-0009	MO	12' x 44' Mobile Office, With Toilet	362.94	
		For Each Delivery And Removal, Two Round Trips, Add	*1,846.51*	
		For Each Set-Up (Block And Level), Add	*702.55*	
		For Each Anchoring Into Dirt, Add	*131.31*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*196.96*	
01 52 13 00-0010	MO	12' x 50' Mobile Office, With Toilet	412.43	
		For Each Delivery And Removal, Two Round Trips, Add	*1,846.51*	
		For Each Set-Up (Block And Level), Add	*702.55*	
		For Each Anchoring Into Dirt, Add	*131.31*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*196.96*	
01 52 13 00-0011	MO	12' x 60' Mobile Office, With Toilet	449.36	
		For Each Delivery And Removal, Two Round Trips, Add	*1,846.51*	
		For Each Set-Up (Block And Level), Add	*702.55*	
		For Each Anchoring Into Dirt, Add	*131.31*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*196.96*	
01 52 13 00-0012	MO	24' x 60' Modular Office, With Toilet	984.89	
		For Each Delivery And Removal, Two Round Trips, Add	*3,693.02*	
		For Each Set-Up (Block And Level), Add	*1,133.15*	
		For Each Anchoring Into Dirt, Add	*131.31*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*196.96*	
01 52 13 00-0013	MO	24' x 72' Modular Office, With Toilet	1,181.87	
		For Each Delivery And Removal, Two Round Trips, Add	*3,693.02*	
		For Each Set-Up (Block And Level), Add	*1,133.15*	
		For Each Anchoring Into Dirt, Add	*131.31*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*196.96*	
01 52 13 00-0014	MO	30' x 30' Modular Office, With Toilet	561.70	
		For Each Delivery And Removal, Two Round Trips, Add	*3,693.02*	
		For Each Set-Up (Block And Level), Add	*1,133.15*	
		For Each Anchoring Into Dirt, Add	*131.31*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*196.96*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 13 00-0015		**Accessories For Field Office Trailers** *(01 52 13)* Note: Costs includes installation or placement in trailer.		
01 52 13 00-0016	MO	Desk For Field Office Trailer	54.69	
01 52 13 00-0017	MO	Rolling Desk Chair For Field Office Trailer	34.18	
01 52 13 00-0018	MO	File Cabinet For Field Office Trailer	41.01	
01 52 13 00-0019	MO	Table For Field Office Trailer	27.34	
01 52 13 00-0020	MO	Folding Chair For Field Office Trailer	12.95	
01 52 13 00-0021	EA	Phone Hook-Up For Field Office Trailer	150.39	
01 52 13 00-0022	MO	Local Phone Service Per Phone Line For Field Office Trailer	95.70	
01 52 13 00-0023	MO	Security System With Monitoring For Field Office Trailer	172.31	
01 52 13 00-0024	LF	Perimeter Trailer Skirting For Field Office Trailer	15.76	
01 52 13 00-0025	LF	Insulated Perimeter Trailer Skirting For Field Office Trailer	37.33	
01 52 13 00-0026	MO	Fax Machine For Field Office Trailer	68.36	
01 52 13 00-0027	MO	Copier For Field Office Trailer	109.37	
01 52 13 00-0028	MO	Steps For Field Office Trailer	45.96	
01 52 13 00-0029		**Storage Containers** *(01 52 13)*		
01 52 13 00-0030	MO	8' x 8' x 10' Storage Container	252.35	
		For Each Delivery And Removal, Two Round Trips, Add	*184.77*	
		For >12 Months, Deduct	*-75.71*	
01 52 13 00-0031	MO	8' x 8' x 20' Storage Container	263.82	
		For Each Delivery And Removal, Two Round Trips, Add	*203.25*	
		For >12 Months, Deduct	*-79.15*	
01 52 13 00-0032	MO	8' x 8' x 40' Storage Container	312.00	
		For Each Delivery And Removal, Two Round Trips, Add	*409.33*	
		For >12 Months, Deduct	*-93.60*	
01 52 19		**Sanitary Facilities** *(01 52)*		
01 52 19 00-0001		**Portable Toilets** *(01 52 19)* Note: Includes set-up, servicing once per week (unless task states otherwise) and removal.		
01 52 19 00-0002	WK	Portable Chemical Toilet	71.66	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery, Add	*30.00*	
01 52 19 00-0003	MO	Portable Chemical Toilet	215.00	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery, Add	*30.00*	
01 52 19 00-0004	WK	Americans With Disabilities Act Compliant Portable Chemical Toilet	85.48	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery, Add	*30.00*	
01 52 19 00-0005	MO	Americans With Disabilities Act Compliant Portable Chemical Toilet	250.83	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery, Add	*30.00*	
01 52 19 00-0006	WK	Two Station Portable Handwash	52.40	
		For Each Delivery, Add	*30.00*	
01 52 19 00-0007	MO	Two Station Portable Handwash	158.94	
		For Each Delivery, Add	*30.00*	
01 52 19 00-0008	WK	Four Station Portable Handwash	61.64	
		For Each Delivery, Add	*30.00*	
01 52 19 00-0009	MO	Four Station Portable Handwash	186.99	
		For Each Delivery, Add	*30.00*	
01 52 19 00-0010	MO	6 Station, Portable Toilets, Multi Trailer Note: Includes women's room (3 toilets, 2 sinks) and men's room (1 toilet, 1 urinal and 1 sink)	4,346.16	
01 52 19 00-0011	WK	Service 6 Station Trailer Restrooms, 3 Times Per Week	2,191.88	
		For One Additonal Service Per Week, Add	*730.63*	
		Note: For one less service per week, UOM to be negative one (-1)		
01 52 19 00-0012	MO	34' Length, ADA Restroom Trailer With 950 Gal Waste Tank Note: Includes women's: 3 toilets, 2 sinks; men's: 1 toilet, 2 urinals, 2 sinks; ADA: 1 toilet, 1 sink. Requires 3/4" water source, and four 20 amperes/110 voltage dedicated circuits.	5,585.15	
		For Delivery, Setup, Removal, Add Once	*824.05*	
		For Weekly Service Of Toilet Trailer, Add Per Month	*835.80*	
01 53		**Temporary Construction** *(01 50)*		
01 53 16		**Temporary Decking** *(01 53)*		
01 53 16 00-0001		**Temporary Walkways And Railings** *(01 53 16)* Note: Includes removal after use.		
01 53 16 00-0002	SF	Temporary Wood Walkway, 3/4" Plywood On 2 x 6 Stringers	7.32	
01 53 16 00-0003	LF	Temporary Wooden Guardrail, 42" High, Posts, Handrail, And Intermediate Rail	28.81	
01 53 16 00-0004	LF	Temporary Wood Guardrail Base, 12" x 12" Timber Beam	14.19	
01 53 16 00-0005	RSR	Temporary Wood Stairs, Tread And Riser On 2" x 12" Stringers	23.95	
01 53 23		**Temporary Ramps** *(01 53)*		
01 53 23 00-0001		**Temporary Plywood For Wheel Barrow Access** *(01 53 23)* Note: Includes removal after use.		
01 53 23 00-0002	SF	Temporary Plywood For Wheel Barrow Access	1.41	0.43

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 54 Construction Aids *(01 50)*

01 54 09 Personnel Protection Equipment *(01 54)*

01 54 09 00-0001 Personnel Protection Equipment *(01 54 09)*

Note: Personnel Protection Equipment (PPE) for workers safety is considered as part of the Contractor's and Workers responisbility. Includes, but are not limited to; protective work gloves, hearing protection, protective clothing, reflective vests, safety glasses or face shields, dust masks, hard hats, appropriate foot protection (slip resistant, puncture-resistant soles, safety-toed), safety harnesses with lifeline, etc. Review JOC Note and specifications for requirements.

01 54 09 00-0002	NTE	Personnel Protection Equipment Note: For specification publishing. Review specifications for requirements.		0.00	

01 54 23 Temporary Scaffolding and Platforms *(01 54)*

01 54 23 00-0001 Scaffolding *(01 54 23)*

Note: Additional scaffolding rental for work above the normal working height.

01 54 23 00-0002 Scaffolding Rental - Rental Only *(01 54 23 00-0001)*

Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc. See CSI section 01 54 23 00-0006 for scaffolding erection and dismantling.

01 54 23 00-0003	CCF	Scaffolding With Bracing Accessories - Area Based On 5' Wide Sections (CCF / Month)		33.60	
		For Up To 25, Add		*13.44*	
		For >25 To 50, Add		*8.40*	
		For >50 To 150, Add		*3.36*	
01 54 23 00-0004	CCF	Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)		37.78	
		For Up To 25, Add		*15.11*	
		For >25 To 50, Add		*9.45*	
		For >50 To 150, Add		*3.78*	
01 54 23 00-0005	CCF	Scaffolding With Bracing Accessories - Area Based On 3' Wide Sections (CCF / Month)		50.40	
		For Up To 25, Add		*20.16*	
		For >25 To 50, Add		*12.60*	
		For >50 To 150, Add		*5.04*	

01 54 23 00-0006 Scaffolding Erection And Dismantling - Labor Only *(01 54 23 00-0001)*

Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0002 for scaffolding rental.

01 54 23 00-0007	CCF	Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories		48.62	
01 54 23 00-0008	CCF	>20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories		60.77	
01 54 23 00-0009	CCF	>40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories		72.92	
01 54 23 00-0010	CCF	>60' To 80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories		80.22	
01 54 23 00-0011	CCF	>80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories		92.37	
01 54 23 00-0012	CCF	Up To 20' Height Scaffolding Initial Erection And Final Dismantling Set Up On Stairs, Per CCF Of Scaffolding And Accessories		58.34	

01 54 23 00-0013 Heavy Duty Masonry Scaffolding Rental - Rental Only *(01 54 23 00-0001)*

Note: Monthly rental of actual scaffolding volume rented. For projects over 2 stories. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps, flat plate, connectors and building ties, etc. See CSI section 01 54 23 00-0019 for erection.

01 54 23 00-0014	CCF	Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)		65.40	
01 54 23 00-0015	CCF	Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 2' Wide Sections (CCF / Month)		119.90	
01 54 23 00-0016	LF	Aluminum Joists (LF / Month)		10.63	
01 54 23 00-0017	LF	Aluminum Stringers (LF / Month)		15.24	
01 54 23 00-0018	EA	Screw Jack With U-Plate For Stringers (EA / Month)		19.22	

01 54 23 00-0019 Heavy Duty Masonry Scaffolding Erection And Dismantling - Labor Only *(01 54 23 00-0001)*

Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0013 for scaffolding rental.

01 54 23 00-0020	CCF	Up To 20' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.		77.78	
01 54 23 00-0021	CCF	>20' To 40' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.		97.23	
01 54 23 00-0022	CCF	>40' To 60' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.		116.68	
01 54 23 00-0023	CCF	>60' To 80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.		126.40	
01 54 23 00-0024	CCF	>80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.		140.99	

01 54 23 00-0025 Scaffolding Accessories *(01 54 23 00-0001)*

See CSI section 01 54 23 00-0019 for erection.

01 54 23 00-0026	CSF	Netting for Exterior Building Scaffolding Note: Includes removal after use.		37.97	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 23 00-0027		**Mobile Mast Climbing Scaffolding** *(01 54 23)* Note: Per month.		
01 54 23 00-0028		**Fraco FRSM ACT Solution Single Mast, Mast Climbing Scaffolding Per Month** *(01 54 23 00-0027)*		
01 54 23 00-0029	MO	Single Mast Climber, 175' High Mast x 35' Wide Platform	3,300.00	
01 54 23 00-0030	EA	Delivery/Pick-up Fee For Single Mast Climber Note: Excludes erection or dismantle.	2,400.00	
01 54 23 00-0031	EA	Erection For Single Mast Climber	3,000.00	
01 54 23 00-0032	EA	Dismantle For Single Mast Climber	2,500.00	
01 54 23 00-0033	SF	Additional Scaffolding Planks, Wood, 2"	0.89	
01 54 23 00-0034		**Rolling Scaffolding** *(01 54 23)* Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.		
01 54 23 00-0035	DAY	>14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	12.60	
01 54 23 00-0036	WK	>14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	50.50	
01 54 23 00-0037	MO	>14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	201.97	
01 54 23 00-0038	DAY	>20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	21.09	
01 54 23 00-0039	WK	>20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	84.49	
01 54 23 00-0040	MO	>20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	338.00	
01 54 23 00-0041	EA	>14' To 20', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	111.81	
01 54 23 00-0042	EA	>20' To 40', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	139.75	
01 54 23 00-0043		**Shoring Posts** *(01 54 23)* Note: Includes moving to perform task and removal after use. No additional cost for relocating will be allowed.		
01 54 23 00-0044	DAY	6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	7.68	
01 54 23 00-0045	WK	6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	23.04	
01 54 23 00-0046	MO	6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	38.39	
01 54 23 00-0047	DAY	Up To 7', 1" Diameter, Steel Cross Brace	1.87	
01 54 23 00-0048	WK	Up To 7', 1" Diameter, Steel Cross Brace	3.73	
01 54 23 00-0049	MO	Up To 7', 1" Diameter, Steel Cross Brace	7.46	
01 54 23 00-0050	DAY	>7' To 10', 1" Diameter, Steel Cross Brace	2.70	
01 54 23 00-0051	WK	>7' To 10', 1" Diameter, Steel Cross Brace	5.39	
01 54 23 00-0052	MO	>7' To 10', 1" Diameter, Steel Cross Brace	10.79	
01 54 23 00-0053	MO	2' Wide Shoring Frame With Adjustable Screw Jacks	11.69	
01 54 23 00-0054	MO	4' Wide Shoring Frame With Adjustable Screw Jacks	15.28	
01 54 23 00-0055	LF	1-5/8" Diameter, Steel Tube And Clamp Bracing (Per LF/Month)	7.19	
01 54 23 00-0056	LF	6-1/2" Deep, Aluminum Joist Shoring (Per LF/Month)	4.66	
01 54 23 00-0057	LF	7-1/4" Deep, Aluminum Stringer Shoring (Per LF/Month)	4.66	
01 54 23 00-0058	CCF	Shoring Posts And Frames Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	53.48	
01 54 23 00-0059		**Temporary Lumber, Single Use** *(01 54 23)* Note: Includes removal after use.		
01 54 23 00-0060	SF	5/16" CD Grade Plywood, Temporary Lumber	2.28	
01 54 23 00-0061	SF	1/2" CD Grade Plywood, Temporary Lumber	2.69	
01 54 23 00-0062	SF	5/8" CD Grade Plywood, Temporary Lumber	2.91	
01 54 23 00-0063	SF	3/4" CD Grade Plywood, Temporary Lumber	3.25	
01 54 23 00-0064	SF	1" CD Grade Plywood, Temporary Lumber	4.90	
01 54 23 00-0065	LF	2" x 4" Temporary Lumber	3.02	
01 54 23 00-0066	LF	2" x 6" Temporary Lumber	3.90	
01 54 23 00-0067	LF	2" x 8" Temporary Lumber	4.78	
01 54 23 00-0068	LF	2" x 10" Temporary Lumber	5.67	
01 54 23 00-0069	LF	2" x 12" Temporary Lumber	6.54	
01 54 23 00-0070	LF	3" x 8" Temporary Lumber	6.54	
01 54 23 00-0071	LF	3" x 10" Temporary Lumber	7.85	
01 54 23 00-0072	LF	3" x 12" Temporary Lumber	9.18	
01 54 23 00-0073	LF	4" x 4" Temporary Lumber	4.29	
01 54 23 00-0074	LF	4" x 6" Temporary Lumber	6.25	
01 54 23 00-0075	LF	6" x 6" Temporary Lumber	8.23	
01 54 23 00-0076	LF	6" x 8" Temporary Lumber	10.73	
01 54 23 00-0077	LF	12" x 12" Temporary Lumber	27.20	
01 54 23 00-0078		**Temporary Precast Concrete Blocks** *(01 54 23)* Note: Includes removal after use.		
01 54 23 00-0079	EA	2' x 2' x 2' Temporary Precast Concrete (Ecology) Block Note: Includes removal after use.	118.67	
01 54 23 00-0080	EA	2' x 2' x 4' Temporary Precast Concrete (Ecology) Block Note: Includes removal after use.	148.34	
01 54 23 00-0081	EA	2' x 2' x 8' Temporary Precast Concrete (Ecology) Block Note: Includes removal after use.	194.25	

01 54 26 Temporary Swing Staging *(01 54)*

Note: Up to one month rental. Includes connection to existing electrical outlet on roof, all necessary safety equipment for personnel and anchoring to existing roof anchors. Excludes installing roof anchors.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 26 00-0001		**Swing Stage** *(01 54 26)* Note: Up to one month rental. Includes connection to existing electrical outlet on roof, and all necessary safety equipment for personnel. Excludes installing roof anchors.		
01 54 26 00-0002	MO	7' Swing Stage, Electric Operated	2,874.60	
01 54 26 00-0003	MO	10' Swing Stage, Electric Operated	3,018.33	
01 54 26 00-0004	MO	14' Swing Stage, Electric Operated	3,162.06	
01 54 26 00-0005	MO	20' Swing Stage, Electric Operated	3,305.79	
01 54 26 00-0006	MO	24' Swing Stage, Electric Operated	3,449.52	
01 54 26 00-0007	MO	30' Swing Stage, Electric Operated	3,593.25	
01 54 26 00-0008	MO	42' Swing Stage, Electric Operated	3,736.98	
01 54 26 00-0009	MO	12' Swing Stage, Manually Operated	828.92	
01 54 26 00-0010	MO	24' Swing Stage, Manually Operated	1,036.15	
01 54 26 00-0011	EA	Swing Stage Platform From Hooks, Erection And Dismantling Note: Includes both initial erection and final dismantling of platform. Excludes anchors or temporary roof mounted outrigger system.	4,766.41	
01 54 26 00-0012	EA	Swing Stage Platform And Temporary Roof Mounted Outrigger System Erection And Dismantling Note: Includes both initial erection and final dismantling of temporary roof mounted outrigger system.	6,623.74	
01 54 26 00-0013	EA	Move Swing Stage Platform From Hooks To Different Location At Same Roof	2,506.28	
01 54 26 00-0014	EA	Move Swing Stage Platform and Temporary Roof Mounted Outrigger System To Different Location At Same Roof	3,490.90	

01 55 Vehicular Access and Parking *(01 50)*

01 55 23 Temporary Roads *(01 55)*

01 55 23 00-0001		**Temporary Stabilized Construction Entrance** *(01 55 23)* Note: As per Caltrans detail.		
01 55 23 00-0002	SF	3" To 4" Rock Temporary Stabilized Construction Entrance Assembly Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	3.52	
01 55 23 00-0003	SF	>4" To 6" Rock Temporary Stabilized Construction Entrance Assembly Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	4.63	
01 55 23 00-0004		**Rumble Trench Plate** *(01 55 23)*		
01 55 23 00-0005	MO	8' x 10' Steel Rumble Trench Plate Rental	383.94	
01 55 23 00-0006	EA	Placement And Removal Of Rumble Plate Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	95.67	
01 55 23 00-0007	EA	Relocate And Adjust Location Of Rumble Plate Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	23.92	
01 55 23 00-0008		**Temporary Road Ramps (Godwin)** *(01 55 23)* Note: Excludes asphalt and gravel.		
01 55 23 00-0009	EA	4" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	4,721.33	215.46
01 55 23 00-0010	EA	6" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	6,429.11	323.19
01 55 23 00-0011	EA	8" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	8,883.05	430.91
01 55 23 00-0012	EA	12" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	18,425.51	538.64
01 55 23 00-0013	EA	24" Pipeline, 15' Passable Vehicle Width, Temporary Road Ramp (Godwin)	27,035.26	646.37

01 55 26 Traffic Control *(01 55)*

01 55 26 00-0001		**Temporary Removable Preformed Traffic Black Line Mask** *(01 55 26)* Note: Includes installation and removal after use.		
01 55 26 00-0002	LF	6" Removable Traffic Black Line Mask	5.08	
01 55 26 00-0003	LF	8" Removable Traffic Black Line Mask	6.12	
01 55 26 00-0004		**Temporary Preformed Traffic Line Tape** *(01 55 26)* Note: Includes installation and removal after use.		
01 55 26 00-0005	LF	4" Reflective Removable Traffic Line Tape	5.14	
01 55 26 00-0006	LF	6" Reflective Removable Traffic Line Tape	6.99	
01 55 26 00-0007	LF	8" Reflective Removable Traffic Line Tape	8.75	
01 55 26 00-0008		**Temporary Painted Traffic Lines** *(01 55 26)* Note: Includes installation and removal after use.		
01 55 26 00-0009	LF	4" Temporary Painted Traffic Lines	2.26	
		For Not Removed, Deduct	*-1.58*	
01 55 26 00-0010	LF	6" Temporary Painted Traffic Lines	2.99	
		For Not Removed, Deduct	*-2.15*	
01 55 26 00-0011	LF	8" Temporary Painted Traffic Lines	3.75	
		For Not Removed, Deduct	*-2.72*	
01 55 26 00-0012		**Temporary Pedestrian Traffic Control** *(01 55 26)*		
01 55 26 00-0013	CLF	1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	11.71	
01 55 26 00-0014	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	15.55	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0015	CLF	3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	8.81	
01 55 26 00-0016	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	10.92	
01 55 26 00-0017	CLF	3", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent	12.05	
01 55 26 00-0018	CLF	6", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent	16.95	
01 55 26 00-0019	CLF	1" Exterior Vinyl Tape (Warning Tape)	14.19	
01 55 26 00-0020	CLF	2" Exterior Vinyl Tape (Warning Tape)	20.27	
01 55 26 00-0021	CLF	3" Exterior Vinyl Tape (Warning Tape)	25.92	
01 55 26 00-0022	CLF	4" Exterior Vinyl Tape (Warning Tape)	30.35	
01 55 26 00-0023		Linear Delineation System, Temporary Or Permanent *(01 55 26)*		
		Note: High visibility reflective sheeting strips. Scotchlite as manufactured by 3M.		
01 55 26 00-0024	LF	4" Linear Delineation System	10.93	
01 55 26 00-0025	LF	6" Linear Delineation System	14.77	
01 55 26 00-0026		Temporary Traffic Protection *(01 55 26)*		
01 55 26 00-0027		Temporary Portable Traffic Control Device Usage *(01 55 26 00-0026)*		
		Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0118 for delivery, placing and removal.		
01 55 26 00-0028	DAY	28" Cone With Reflective Collar	0.82	
01 55 26 00-0029	WK	28" Cone With Reflective Collar	2.47	
01 55 26 00-0030	MO	28" Cone With Reflective Collar	7.42	
01 55 26 00-0031	DAY	36" Traffic Cone With Reflective Collar	1.03	
01 55 26 00-0032	WK	36" Traffic Cone With Reflective Collar	3.09	
01 55 26 00-0033	MO	36" Traffic Cone With Reflective Collar	9.28	
01 55 26 00-0034	DAY	Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post	1.94	
01 55 26 00-0035	WK	Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post	5.83	
01 55 26 00-0036	MO	Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post	17.48	
01 55 26 00-0037	DAY	Vertical Panel	2.49	
01 55 26 00-0038	WK	Vertical Panel	7.47	
01 55 26 00-0039	MO	Vertical Panel	22.41	
01 55 26 00-0040	DAY	Channelizer Drum	2.70	
01 55 26 00-0041	WK	Channelizer Drum	8.11	
01 55 26 00-0042	MO	Channelizer Drum	24.33	
01 55 26 00-0043	DAY	Stackable Channelizer Panel	1.28	
01 55 26 00-0044	WK	Stackable Channelizer Panel	3.84	
01 55 26 00-0045	MO	Stackable Channelizer Panel	11.51	
01 55 26 00-0046	DAY	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	1.77	
01 55 26 00-0047	WK	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	5.31	
01 55 26 00-0048	MO	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	15.93	
01 55 26 00-0049	DAY	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	3.92	
01 55 26 00-0050	WK	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	11.77	
01 55 26 00-0051	MO	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	35.31	
01 55 26 00-0052	DAY	Type III Barricade, Up To 5' Wide With Three Reflective Rails	4.47	
01 55 26 00-0053	WK	Type III Barricade, Up To 5' Wide With Three Reflective Rails	13.41	
01 55 26 00-0054	MO	Type III Barricade, Up To 5' Wide With Three Reflective Rails	40.24	
01 55 26 00-0055	DAY	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	8.18	
01 55 26 00-0056	WK	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	24.54	
01 55 26 00-0057	MO	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	73.61	
01 55 26 00-0058	DAY	Up To 10' Wide A Frame Barricade	4.49	
01 55 26 00-0059	WK	Up To 10' Wide A Frame Barricade	13.46	
01 55 26 00-0060	MO	Up To 10' Wide A Frame Barricade	40.37	
01 55 26 00-0061	DAY	Type A Or C Flasher	0.91	
01 55 26 00-0062	WK	Type A Or C Flasher	2.74	
01 55 26 00-0063	MO	Type A Or C Flasher	8.23	
01 55 26 00-0064	DAY	Type B Flasher (High Intensity)	4.96	
01 55 26 00-0065	WK	Type B Flasher (High Intensity)	14.88	
01 55 26 00-0066	MO	Type B Flasher (High Intensity)	44.64	
01 55 26 00-0067		Temporary Traffic Barriers Usage *(01 55 26 00-0026)*		
		Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0118 for delivery, placing and removal.		
01 55 26 00-0068	DAY	6' Long Portable Parking Curbs	2.14	
01 55 26 00-0069	WK	6' Long Portable Parking Curbs	6.41	
01 55 26 00-0070	MO	6' Long Portable Parking Curbs	19.23	
01 55 26 00-0071	DAY	6' Long Portable Speed Bumps	6.32	
01 55 26 00-0072	WK	6' Long Portable Speed Bumps	18.97	
01 55 26 00-0073	MO	6' Long Portable Speed Bumps	56.90	
01 55 26 00-0074	DAY	Up To 12.5' Concrete Traffic Barrier	15.19	
01 55 26 00-0075	WK	Up To 12.5' Concrete Traffic Barrier	45.56	
01 55 26 00-0076	MO	Up To 12.5' Concrete Traffic Barrier	136.69	
01 55 26 00-0077	DAY	>12.5' To 20' Concrete Traffic Barrier	30.38	
01 55 26 00-0078	WK	>12.5' To 20' Concrete Traffic Barrier	91.13	
01 55 26 00-0079	MO	>12.5' To 20' Concrete Traffic Barrier	273.39	
01 55 26 00-0080	DAY	6' x 32" Tall Plastic Water Barrier	18.14	
01 55 26 00-0081	WK	6' x 32" Tall Plastic Water Barrier	54.41	
01 55 26 00-0082	MO	6' x 32" Tall Plastic Water Barrier	163.24	
01 55 26 00-0083	DAY	6' x 46" Tall Plastic Water Barrier	25.90	
01 55 26 00-0084	WK	6' x 46" Tall Plastic Water Barrier	77.70	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0085	MO	6' x 46" Tall Plastic Water Barrier	233.09	
01 55 26 00-0086	DAY	Sand Filled Crash Attenuator Barrels	10.14	
01 55 26 00-0087	WK	Sand Filled Crash Attenuator Barrels	30.41	
01 55 26 00-0088	MO	Sand Filled Crash Attenuator Barrels	91.23	
01 55 26 00-0089	MO	Rolling Straight Concrete Barrier, Per Each Barrier Per Month	3,368.25	
01 55 26 00-0090	MO	Rolling Absorbing Concrete Barrier, Per Each Barrier Per Month	1,347.30	
01 55 26 00-0091	MO	Rolling Transition Concrete Barrier, Per Each Barrier Per Month	359.28	
01 55 26 00-0092	EA	2 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 2 (44 MPH), 24" Wide Note: Includes delivery, pickup and two months rental.	6,152.28	
01 55 26 00-0093	MO	2 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 2 (44 MPH), 24" Wide Note: Rental rate after 1st two months.	594.45	
01 55 26 00-0094	EA	5 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 3 (62 MPH), 24" Wide Note: Includes delivery, pickup and two months rental.	7,345.99	
01 55 26 00-0095	MO	5 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 3 (62 MPH), 24" Wide Note: Rental rate after 1st two months.	891.68	
01 55 26 00-0096	EA	8 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 3 (71 MPH), 24" Wide Note: Includes delivery, pickup and two months rental.	8,936.01	
01 55 26 00-0097	MO	8 Bay, Non-Gating, Redirective Crash Cushion System, 71 MPH, 24" Wide Note: Rental rate after 1st two months.	1,089.82	
01 55 26 00-0098	MO	24" Wide x 32" High x 32' Long, Anchorless Water Filler, Non Redirective, Bi-Directional Impact Attenuator (ABSORB 350® BARRIER) Note: Consists of 8 bays with nose piece at the front of the system.	1,438.56	

01 55 26 00-0099 Temporary Portable Signs And Message Displays Usage *(01 55 26 00-0026)*

Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0118 for delivery, placing and removal.

01 55 26 00-0100	DAY	Mesh Or Vinyl Roll-up Sign With Stand	7.96	
01 55 26 00-0101	WK	Mesh Or Vinyl Roll-up Sign With Stand	23.88	
01 55 26 00-0102	MO	Mesh Or Vinyl Roll-up Sign With Stand	71.63	
01 55 26 00-0103	DAY	Aluminum Sign And Post	3.96	
01 55 26 00-0104	WK	Aluminum Sign And Post	11.89	
01 55 26 00-0105	MO	Aluminum Sign And Post	35.66	
01 55 26 00-0106	DAY	Aluminum Sign And A Frame Stand	6.02	
01 55 26 00-0107	WK	Aluminum Sign And A Frame Stand	18.05	
01 55 26 00-0108	MO	Aluminum Sign And A Frame Stand	54.16	
01 55 26 00-0109	DAY	Trailer Mounted Flashing Arrow Board	165.00	
01 55 26 00-0110	WK	Trailer Mounted Flashing Arrow Board	456.69	
01 55 26 00-0111	MO	Trailer Mounted Flashing Arrow Board	1,208.02	
01 55 26 00-0112	DAY	Trailer Mounted Portable Variable Message Sign (PVMS)	316.98	
01 55 26 00-0113	WK	Trailer Mounted Portable Variable Message Sign (PVMS)	845.28	
01 55 26 00-0114	MO	Trailer Mounted Portable Variable Message Sign (PVMS)	1,690.56	
01 55 26 00-0115	DAY	Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	1,353.80	
01 55 26 00-0116	WK	Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	4,061.40	
01 55 26 00-0117	MO	Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	12,184.20	

01 55 26 00-0118 Place And Remove Temporary Traffic Protection Using Truck *(01 55 26 00-0026)*

Note: Includes delivery and return up to 15 miles. See CSI section 01 74 19 00-0048 for delivery >15 miles.

01 55 26 00-0119	EA	Placement And Removal Of Up To 250 Cones Using Truck	3.77	
01 55 26 00-0120	EA	Placement And Removal Of >250 Cones Using Truck	3.30	
01 55 26 00-0121	EA	Placement And Removal Of Up To 250 Panels/Channelizers Using Truck	6.21	
01 55 26 00-0122	EA	Placement And Removal Of >250 Panels/Channelizers Using Truck	5.19	
01 55 26 00-0123	EA	Placement And Removal Of Up To 250 Barricades Using Truck	9.42	
01 55 26 00-0124	EA	Placement And Removal Of >250 Barricades Using Truck	7.54	
01 55 26 00-0125	EA	Placement And Removal Of Curbs/Speed Bumps Using Truck	9.42	
01 55 26 00-0126	EA	Placement And Removal Of Portable Sign And Stand Using Truck	5.65	
01 55 26 00-0127	EA	Placement And Removal Of Aluminum Sign And Post Using Truck	23.56	
01 55 26 00-0128	EA	Placement And Removal Of Trailer Mounted Boards And Signals Using Truck	70.67	
01 55 26 00-0129	EA	Placement And Removal Of Up To 12.5' Concrete Traffic Barrier Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	95.67	
		For 1 Barrier, Add	*239.18*	
		For 2 Barriers, Add	*86.10*	
		For 3 Barriers, Add	*28.70*	
01 55 26 00-0130	EA	Placement And Removal Of >12.5' Concrete Traffic Barrier Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	143.51	
		For 1 Barrier, Add	*358.78*	
		For 2 Barriers, Add	*129.16*	
		For 3 Barriers, Add	*43.05*	
01 55 26 00-0131	EA	Placement And Removal Of Plastic Water Barrier Note: Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for Equipment Usage, 01 71 13 00-0000 for mobilization tasks.	54.77	
		For 1 Barrier, Add	*119.58*	
		For 2 Barriers, Add	*43.05*	
		For 3 Barriers, Add	*14.35*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0132	EA	Placement And Removal Of Crash Attenuator Barrels Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	71.76	
		For 1 Barrier, Add	*179.40*	
		For 2 Barriers, Add	*64.58*	
		For 3 Barriers, Add	*21.53*	
01 55 26 00-0133	EA	Placement And Removal Of 24" Wide x 32" High x 32' Long, Anchorless Water Filler, Non Redirective, Bi-Directional Impact Attenuator (ABSORB 350® BARRIER) Note: Consists of 8 bays with nose piece at the front of the system attached and anchored in accordance with the manufactures instructuions. Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.	526.19	
01 55 26 00-0134		Place And Remove Temporary Traffic Protection From Roadside (Daily) *(01 55 26 00-0026)*		
01 55 26 00-0135	EA	Placement And Removal Of Up To 250 Cones By Hand From Roadside	2.36	
01 55 26 00-0136	EA	Placement And Removal Of >250 Cones By Hand From Roadside	1.88	
01 55 26 00-0137	EA	Placement And Removal Of Up To 250 Panels/Channelizers By Hand From Roadside	3.14	
01 55 26 00-0138	EA	Placement And Removal Of >250 Panels/Channelizers By Hand From Roadside	2.50	
01 55 26 00-0139	EA	Placement And Removal Of Up To 250 Barricades By Hand From Roadside	4.71	
01 55 26 00-0140	EA	Placement And Removal Of >250 Barricades By Hand From Roadside	3.77	
01 55 26 00-0141	EA	Placement And Removal Of Portable Sign And Stand From Roadside	2.88	
01 55 26 00-0142	EA	Placement And Removal Of Trailer Mounted Boards And Signals From Roadside	35.34	
01 55 26 00-0143	EA	Roadside Relocation Of Concrete Traffic Barrier Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.	47.83	
01 55 26 00-0144		Place And Remove Temporary Signs For Detours *(01 55 26 00-0026)*		
01 55 26 00-0145		Temporary Reflectorized Signs For Detours *(01 55 26 00-0144)* Note: Excludes posts.		
01 55 26 00-0146		Temporary Aluminum Engineer Grade Stop Signs For Detours *(01 55 26 00-0145)*		
01 55 26 00-0147	EA	Temporary 18" x 18" Aluminum Engineer Grade Stop Sign For Detours	82.69	
		For Hi-Intensity Grade, Add	*6.68*	
		For Diamond Grade, Add	*12.69*	
01 55 26 00-0148	EA	Temporary 18" x 24" Aluminum Engineer Grade Stop Sign For Detours	92.89	
		For Hi-Intensity Grade, Add	*8.74*	
		For Diamond Grade, Add	*16.60*	
01 55 26 00-0149	EA	Temporary 24" x 24" Aluminum Engineer Grade Stop Sign For Detours	99.68	
		For Hi-Intensity Grade, Add	*13.34*	
		For Diamond Grade, Add	*21.15*	
01 55 26 00-0150	EA	Temporary 30" x 30" Aluminum Engineer Grade Stop Sign For Detours	112.17	
		For Hi-Intensity Grade, Add	*5.00*	
		For Diamond Grade, Add	*27.09*	
01 55 26 00-0151	EA	Temporary 36" x 36" Aluminum Engineer Grade Stop Sign For Detours	140.65	
		For Hi-Intensity Grade, Add	*14.70*	
		For Diamond Grade, Add	*46.09*	
01 55 26 00-0152		Other Temporary Reflectorized Traffic Signs For Detours *(01 55 26 00-0145)* Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.		
01 55 26 00-0153		Temporary Aluminum Engineer Grade Traffic Signs For Detours *(01 55 26 00-0152)*		
01 55 26 00-0154	EA	Temporary 6" x 12" Aluminum Engineer Grade Traffic Sign For Detours	59.23	
		For Hi-Intensity Grade, Add	*1.66*	
01 55 26 00-0155	EA	Temporary 6" x 18" Aluminum Engineer Grade Traffic Sign For Detours	61.98	
		For Hi-Intensity Grade, Add	*2.48*	
01 55 26 00-0156	EA	Temporary 9" x 12" Aluminum Engineer Grade Traffic Sign For Detours	61.98	
		For Hi-Intensity Grade, Add	*2.48*	
01 55 26 00-0157	EA	Temporary 9" x 15" Aluminum Engineer Grade Traffic Sign For Detours	64.05	
		For Hi-Intensity Grade, Add	*3.10*	
01 55 26 00-0158	EA	Temporary 9" x 18" Aluminum Engineer Grade Traffic Sign For Detours	66.12	
		For Hi-Intensity Grade, Add	*3.72*	
01 55 26 00-0159	EA	Temporary 9" x 24" Aluminum Engineer Grade Traffic Sign For Detours	73.61	
		For Hi-Intensity Grade, Add	*4.97*	
01 55 26 00-0160	EA	Temporary 9" x 48" Aluminum Engineer Grade Traffic Sign For Detours	90.16	
		For Hi-Intensity Grade, Add	*9.93*	
01 55 26 00-0161	EA	Temporary 12" x 12" Aluminum Engineer Grade Traffic Sign For Detours	64.74	
		For Hi-Intensity Grade, Add	*3.31*	
01 55 26 00-0162	EA	Temporary 12" x 18" Aluminum Engineer Grade Traffic Sign For Detours	73.61	
		For Hi-Intensity Grade, Add	*4.97*	
01 55 26 00-0163	EA	Temporary 12" x 24" Aluminum Engineer Grade Traffic Sign For Detours	79.12	
		For Hi-Intensity Grade, Add	*6.62*	
01 55 26 00-0164	EA	Temporary 12" x 30" Aluminum Engineer Grade Traffic Sign For Detours	84.64	
		For Hi-Intensity Grade, Add	*8.27*	
01 55 26 00-0165	EA	Temporary 12" x 36" Aluminum Engineer Grade Traffic Sign For Detours	90.16	
		For Hi-Intensity Grade, Add	*9.93*	
01 55 26 00-0166	EA	Temporary 18" x 18" Aluminum Engineer Grade Traffic Sign For Detours	81.88	
		For Hi-Intensity Grade, Add	*7.45*	
01 55 26 00-0167	EA	Temporary 18" x 24" Aluminum Engineer Grade Traffic Sign For Detours	90.16	
		For Hi-Intensity Grade, Add	*9.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0168	EA	Temporary 18" x 30" Aluminum Engineer Grade Traffic Sign For Detours	101.79	
		For Hi-Intensity Grade, Add	*12.41*	
01 55 26 00-0169	EA	Temporary 18" x 36" Aluminum Engineer Grade Traffic Sign For Detours	110.06	
		For Hi-Intensity Grade, Add	*14.89*	
01 55 26 00-0170	EA	Temporary 18" x 54" Aluminum Engineer Grade Traffic Sign For Detours	148.32	
		For Hi-Intensity Grade, Add	*22.34*	
01 55 26 00-0171	EA	Temporary 24" x 24" Aluminum Engineer Grade Traffic Sign For Detours	104.55	
		For Hi-Intensity Grade, Add	*13.24*	
01 55 26 00-0172	EA	Temporary 24" x 30" Aluminum Engineer Grade Traffic Sign For Detours	115.58	
		For Hi-Intensity Grade, Add	*16.55*	
01 55 26 00-0173	EA	Temporary 24" x 36" Aluminum Engineer Grade Traffic Sign For Detours	126.61	
		For Hi-Intensity Grade, Add	*19.86*	
01 55 26 00-0174	EA	Temporary 24" x 42" Aluminum Engineer Grade Traffic Sign For Detours	151.07	
		For Hi-Intensity Grade, Add	*23.17*	
01 55 26 00-0175	EA	Temporary 24" x 48" Aluminum Engineer Grade Traffic Sign For Detours	162.11	
		For Hi-Intensity Grade, Add	*26.48*	
01 55 26 00-0176	EA	Temporary 24" x 54" Aluminum Engineer Grade Traffic Sign For Detours	173.14	
		For Hi-Intensity Grade, Add	*29.79*	
01 55 26 00-0177	EA	Temporary 30" x 30" Aluminum Engineer Grade Traffic Sign For Detours	129.37	
		For Hi-Intensity Grade, Add	*20.69*	
01 55 26 00-0178	EA	Temporary 30" x 36" Aluminum Engineer Grade Traffic Sign For Detours	156.59	
		For Hi-Intensity Grade, Add	*24.82*	
01 55 26 00-0179	EA	Temporary 30" x 42" Aluminum Engineer Grade Traffic Sign For Detours	170.38	
		For Hi-Intensity Grade, Add	*28.96*	
01 55 26 00-0180	EA	Temporary 30" x 48" Aluminum Engineer Grade Traffic Sign For Detours	197.60	
		For Hi-Intensity Grade, Add	*33.10*	
01 55 26 00-0181	EA	Temporary 30" x 60" Aluminum Engineer Grade Traffic Sign For Detours	238.59	
		For Hi-Intensity Grade, Add	*41.37*	
01 55 26 00-0182	EA	Temporary 36" x 36" Aluminum Engineer Grade Traffic Sign For Detours	173.14	
		For Hi-Intensity Grade, Add	*29.79*	
01 55 26 00-0183	EA	Temporary 36" x 42" Aluminum Engineer Grade Traffic Sign For Detours	203.12	
		For Hi-Intensity Grade, Add	*34.75*	
01 55 26 00-0184	EA	Temporary 36" x 48" Aluminum Engineer Grade Traffic Sign For Detours	233.08	
		For Hi-Intensity Grade, Add	*39.72*	
01 55 26 00-0185	EA	Temporary 36" x 54" Aluminum Engineer Grade Traffic Sign For Detours	249.62	
		For Hi-Intensity Grade, Add	*44.68*	
01 55 26 00-0186	EA	Temporary 36" x 60" Aluminum Engineer Grade Traffic Sign For Detours	279.60	
		For Hi-Intensity Grade, Add	*49.64*	
01 55 26 00-0187	EA	Temporary 36" x 73" Aluminum Engineer Grade Traffic Sign For Detours	328.89	
		For Hi-Intensity Grade, Add	*60.40*	
01 55 26 00-0188	EA	Temporary 36" x 78" Aluminum Engineer Grade Traffic Sign For Detours	342.68	
		For Hi-Intensity Grade, Add	*64.54*	
01 55 26 00-0189	EA	Temporary 36" x 108" Aluminum Engineer Grade Traffic Sign For Detours	445.56	
		For Hi-Intensity Grade, Add	*89.36*	
01 55 26 00-0190	EA	Temporary 42" x 42" Aluminum Engineer Grade Traffic Sign For Detours	235.83	
		For Hi-Intensity Grade, Add	*40.54*	
01 55 26 00-0191	EA	Temporary 48" x 48" Aluminum Engineer Grade Traffic Sign For Detours	290.63	
		For Hi-Intensity Grade, Add	*52.95*	
01 55 26 00-0192	EA	Temporary 48" x 54" Aluminum Engineer Grade Traffic Sign For Detours	326.13	
		For Hi-Intensity Grade, Add	*59.57*	
01 55 26 00-0193	EA	Temporary 48" x 60" Aluminum Engineer Grade Traffic Sign For Detours	348.19	
		For Hi-Intensity Grade, Add	*66.19*	
01 55 26 00-0194	EA	Temporary 48" x 66" Aluminum Engineer Grade Traffic Sign For Detours	390.40	
		For Hi-Intensity Grade, Add	*72.81*	
01 55 26 00-0195	EA	Temporary 48" x 72" Aluminum Engineer Grade Traffic Sign For Detours	412.46	
		For Hi-Intensity Grade, Add	*79.43*	
01 55 26 00-0196	EA	Temporary 48" x 84" Aluminum Engineer Grade Traffic Sign For Detours	470.02	
		For Hi-Intensity Grade, Add	*92.67*	
01 55 26 00-0197	EA	Temporary 48" x 96" Aluminum Engineer Grade Traffic Sign For Detours	514.15	
		For Hi-Intensity Grade, Add	*105.91*	
01 55 26 00-0198	EA	Temporary 48" x 102" Aluminum Engineer Grade Traffic Sign For Detours	536.21	
		For Hi-Intensity Grade, Add	*112.53*	
01 55 26 00-0199	EA	Temporary 48" x 108" Aluminum Engineer Grade Traffic Sign For Detours	564.99	
		For Hi-Intensity Grade, Add	*119.15*	
01 55 26 00-0200	EA	Temporary 60" x 72" Aluminum Engineer Grade Traffic Sign For Detours	492.08	
		For Hi-Intensity Grade, Add	*99.29*	
01 55 26 00-0201	EA	Temporary 78" x 96" Aluminum Engineer Grade Traffic Sign For Detours	741.50	
		For Hi-Intensity Grade, Add	*172.10*	
01 55 26 00-0202		**Temporary Overhead Sign Structures For Detours** *(01 55 26 00-0144)*		
		Note: Including horizontal Z-bars.		
01 55 26 00-0203	SF	From 30 To 360 SF Signs For Temporary Overhead Sign Structures For Detours	22.50	
		For Over 10' High, Add	*13.00*	
01 55 26 00-0204		**Temporary Sign Posts For Detours** *(01 55 26 00-0144)*		
		Note: Excludes sign.		
01 55 26 00-0205		**Temporary U-Channel Sign Posts For Detours** *(01 55 26 00-0204)*		
		Note: Excludes digging and concrete.		
01 55 26 00-0206		**Temporary Baked Enamel U-Channel Sign Posts For Detours** *(01 55 26 00-0205)*		
01 55 26 00-0207	EA	Temporary 3' To 4' Baked Enamel U-Channel Sign Post Base For Detours	73.94	
01 55 26 00-0208	EA	Temporary 6' Baked Enamel U-Channel Sign Post For Detours	95.40	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0209	EA	Temporary 7' Baked Enamel U-Channel Sign Post For Detours	114.10	
01 55 26 00-0210	EA	Temporary 8' Baked Enamel U-Channel Sign Post For Detours	133.44	
01 55 26 00-0211	EA	Temporary 10' Baked Enamel U-Channel Sign Post For Detours	161.36	
01 55 26 00-0212	EA	Temporary 12' Baked Enamel U-Channel Sign Post For Detours	171.27	
01 55 26 00-0213		Temporary Galvanized Steel U-Channel Sign Posts For Detours *(01 55 26 00-0205)*		
01 55 26 00-0214	EA	Temporary 3' To 4' Galvanized Steel U-Channel Sign Post Base For Detours	77.86	
01 55 26 00-0215	EA	Temporary 6' Galvanized Steel U-Channel Sign Post For Detours	101.63	
01 55 26 00-0216	EA	Temporary 7' Galvanized Steel U-Channel Sign Post For Detours	128.19	
01 55 26 00-0217	EA	Temporary 8' Galvanized Steel U-Channel Sign Post For Detours	149.01	
01 55 26 00-0218	EA	Temporary 10' Galvanized Steel U-Channel Sign Post For Detours	172.70	
01 55 26 00-0219	EA	Temporary 12' Galvanized Steel U-Channel Sign Post For Detours	181.13	
01 55 26 00-0220		Temporary Fiberglass Or Composite Plastic U-Channel Sign Posts For Detours *(01 55 26 00-0205)*		
01 55 26 00-0221	EA	Temporary 3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base For Detours	73.01	
01 55 26 00-0222	EA	Temporary 6' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	93.39	
01 55 26 00-0223	EA	Temporary 7' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	111.68	
01 55 26 00-0224	EA	Temporary 8' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	130.54	
01 55 26 00-0225	EA	Temporary 10' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	156.11	
01 55 26 00-0226	EA	Temporary 12' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	168.16	
01 55 26 00-0227		Temporary Tubular Sign Posts For Detours *(01 55 26 00-0204)* Note: Excludes digging and concrete.		
01 55 26 00-0228		Temporary 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours *(01 55 26 00-0227)*		
01 55 26 00-0229	EA	Temporary 6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	102.27	
01 55 26 00-0230	EA	Temporary 7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	121.80	
01 55 26 00-0231	EA	Temporary 8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	143.30	
01 55 26 00-0232	EA	Temporary 10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	181.22	
01 55 26 00-0233	EA	Temporary 12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours	194.19	
01 55 26 00-0234		Temporary Square Sign Posts For Detours *(01 55 26 00-0204)* Note: Excludes digging and concrete.		
01 55 26 00-0235		Temporary Galvanized Steel Square Sign Posts For Detours *(01 55 26 00-0234)*		
01 55 26 00-0236	EA	Temporary 3' To 4' Galvanized Steel Square Sign Post Base For Detours	78.73	
01 55 26 00-0237	EA	Temporary 6' Galvanized Steel Square Sign Post For Detours	116.38	
01 55 26 00-0238	EA	Temporary 7' Galvanized Steel Square Sign Post For Detours	137.37	
01 55 26 00-0239	EA	Temporary 8' Galvanized Steel Square Sign Post For Detours	160.24	
01 55 26 00-0240	EA	Temporary 10' Galvanized Steel Square Sign Post For Detours	195.36	
01 55 26 00-0241	EA	Temporary 12' Galvanized Steel Square Sign Post For Detours	209.68	
01 55 26 00-0242		Temporary Breakaway Sign Posts And Bases For Detours *(01 55 26 00-0144)* Note: For breakaway post systems, base posts are driven in, sign posts bolted to base post using lap splice hardware kit. Excludes sign.		
01 55 26 00-0243		Temporary 2.5 LB/LF Breakaway Sign Posts And Base Posts For Detours *(01 55 26 00-0242)*		
01 55 26 00-0244		Temporary Base Posts, 2.5 LB/LF, For Breakaway Sign Posts For Detours *(01 55 26 00-0243)*		
01 55 26 00-0245	EA	Temporary Base Post for 2.5 LB/LF, Breakaway Sign Post For Detours	100.69	
01 55 26 00-0246	EA	Temporary Lap Splice Hardware For 2.5 LB/LF, Breakaway Sign Post For Detours	62.65	
01 55 26 00-0247		Temporary Breakaway Sign Posts, 2.5 LB/LF For Detours *(01 55 26 00-0243)*		
01 55 26 00-0248	LF	Temporary Breakaway Sign Post, 2.5 LB/LF For Detours	11.65	
01 55 26 00-0249		Temporary 4 LB/LF Breakaway Sign Posts And Base Posts For Detours *(01 55 26 00-0242)*		
01 55 26 00-0250		Temporary Base Posts, 4 LB/LF, For Breakaway Sign Posts For Detours *(01 55 26 00-0249)*		
01 55 26 00-0251	EA	Temporary Base Post for 4 LB/LF, Breakaway Sign Post For Detours	103.92	
01 55 26 00-0252	EA	Temporary Lap Splice Hardware for 4 LB/LF, Breakaway Sign Post For Detours	62.65	
01 55 26 00-0253		Temporary Breakaway Sign Posts, 4 LB/LF For Detours *(01 55 26 00-0249)*		
01 55 26 00-0254	LF	Temporary Breakaway Sign Post, 4 LB/LF For Detours	13.66	
01 55 26 00-0255		Temporary Driven Sign Posts For Detours *(01 55 26 00-0242)*		
01 55 26 00-0256		Temporary Driven Posts, 2.5 LB/LF For Detours *(01 55 26 00-0255)*		
01 55 26 00-0257	LF	Temporary Driven Post, 2.5 LB/LF For Detours	13.43	
		For Each Soil Plate, Add	*3.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0258		Temporary Driven Posts, 4 LB/LF For Detours *(01 55 26 00-0255)*		
01 55 26 00-0259	LF	Temporary Driven Post, 4 LB/LF For Detours	16.35	
		For Each Soil Plate, Add	*3.00*	
01 55 26 00-0260		Temporary Omni-Directional Breakaway System For Sign Posts And Light Poles For Detours *(01 55 26 00-0242)*		
01 55 26 00-0261		Temporary Omni-Directional Breakaway Systems For Signs For Detours *(01 55 26 00-0260)*		
		Note: Break-Safe as manufactured by Transpo Industries. Organized by post type and size. Includes hinges, anchors, all associated parts and drilling.		
01 55 26 00-0262	EA	Temporary Omni-Directional Breakaway System For 6" To 8" Wide Flange (Tramspo B525)	1,110.95	
01 55 26 00-0263	EA	Temporary Omni-Directional Breakaway System For 10" To 21" Wide Flange (Tramspo B650)	1,183.90	
01 55 26 00-0264	EA	Temporary Omni-Directional Breakaway System For Standard I Beam Or W6x9 Flange (Tramspo AI4 And AI6)	811.63	
01 55 26 00-0265	EA	Temporary Omni-Directional Breakaway System For 3" To 4.5" Outside Diameter Pipe (Tramspo A3 And A4.5)	710.88	
01 55 26 00-0266	EA	Temporary Omni-Directional Breakaway System For Square Tube (Tramspo AS3 And AS4)	806.04	
01 55 26 00-0267	EA	Temporary Omni-Directional Breakaway System For U-Channels (Tramspo AU4 To AU6)	766.85	
01 55 26 00-0268	EA	Temporary Omni-Directional Breakaway System For U-Channels Embedded (Tramspo AUX4 To AUX6)	717.83	
01 55 26 00-0269		Temporary Omni-Directional Breakaway Systems For Poles For Detours *(01 55 26 00-0260)*		
		Note: Pole-Safe As Manufactured By Transpo Industries. Organized by bolt size. Includes four couplings, all associated parts, drilling and can be for new or for retro-fitting existing poles.		
01 55 26 00-0270	EA	Temporary Omni-Directional Breakaway System For Poles With 5/8" Couplings	399.61	
01 55 26 00-0271	EA	Temporary Omni-Directional Breakaway System For Poles With 3/4" Couplings	419.00	
01 55 26 00-0272	EA	Temporary Omni-Directional Breakaway System For Poles With 1" Couplings	435.09	
01 55 26 00-0273	EA	Temporary Omni-Directional Breakaway System For Poles With 1 1/4" Couplings	660.65	
01 55 26 00-0274	EA	Temporary Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 10" To Less Than 15"	58.01	
01 55 26 00-0275	EA	Temporary Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 15" To 20"	77.35	
01 55 26 00-0276		Temporary Rumble Strips *(01 55 26)*		
		Note: Includes removal after use.		
01 55 26 00-0277	LF	1/4" High, 4" Wide, Polymer Tape Temporary Rumble Strip	13.04	
01 55 26 00-0278	LF	1/2" High, 3-1/2" Wide, Polycarbonate Temporary Rumble Strip	9.39	
01 56		**Temporary Barriers and Enclosures** *(01 50)*		
		Note: Includes removal after use.		
01 56 16		**Temporary Dust Barriers** *(01 56)*		
01 56 16 00-0001		Temporary Sheeting For Protection *(01 56 16)*		
		Note: Includes removal after use. See CSI section 02 89 00 00-0002 for Other barriers for infectious control.		
01 56 16 00-0002	SF	4 Mil, Plastic Sheeting, Applied To Floors	0.34	
01 56 16 00-0003	SF	4 Mil, Plastic Sheeting, Applied To Walls	0.45	
01 56 16 00-0004	SF	4 Mil, Plastic Sheeting, Applied To Ceilings	0.61	
01 56 16 00-0005	SF	4 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors	0.37	
01 56 16 00-0006	SF	4 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls	0.48	
01 56 16 00-0007	SF	4 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings	0.64	
01 56 16 00-0008	SF	6 Mil, Plastic Sheeting, Applied To Floors	0.38	
01 56 16 00-0009	SF	6 Mil, Plastic Sheeting, Applied To Walls	0.49	
01 56 16 00-0010	SF	6 Mil, Plastic Sheeting, Applied To Ceilings	0.65	
01 56 16 00-0011	SF	6 Mil, Plastic Sheeting, Applied To Scaffolding	0.64	
01 56 16 00-0012	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors	0.46	
01 56 16 00-0013	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls	0.57	
01 56 16 00-0014	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings	0.73	
01 56 16 00-0015	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Scaffolding	0.69	
01 56 16 00-0016	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Floors	0.49	
01 56 16 00-0017	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Walls	0.60	
01 56 16 00-0018	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Ceilings	0.76	
01 56 16 00-0019	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Scaffolding	0.72	
01 56 16 00-0020	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Floors	0.48	
01 56 16 00-0021	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Walls	0.59	
01 56 16 00-0022	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Ceilings	0.75	
01 56 16 00-0023	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.71	
01 56 16 00-0024	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Floors	0.55	
01 56 16 00-0025	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Walls	0.66	
01 56 16 00-0026	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Ceilings	0.82	
01 56 16 00-0027	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.78	
01 56 16 00-0028	SF	10 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.88	
01 56 16 00-0029		Temporary Canvas For Protection *(01 56 16)*		
		Note: Includes removal after use.		
01 56 16 00-0030	SF	Heavy Duty Woven Water Repellant Canvas, Applied To Walls	1.01	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0031		**Accessories For Temporary Sheeting** *(01 56 16)* Note: Includes removal after use.		
01 56 16 00-0032	EA	7' Zipper Door For Plastic Sheeting	19.72	
01 56 16 00-0033	LF	Zip Wall Kit And ICRA Dust Control Awareness Barrier (Per LF Of Wall) Note: Includes up to 12' long spring loaded poles, side clamps, foam rails and 6 mil poly barrier. Excludes zip doors.	8.47	
01 56 16 00-0034		**Temporary Critical Barriers For Protection** *(01 56 16)* Note: Includes removal after use. See CSI section 02 89 00 00-0002 for Other barriers for infectious control.		
01 56 16 00-0035	EA	Up To 1 SF Individual Critical Barriers Note: For Outlets And Receptacles	10.21	
01 56 16 00-0036	EA	>1 To 4 SF Individual Critical Barriers Note: For diffusers, ceiling speakers, return grilles, etc.	15.51	
01 56 16 00-0037	EA	>4 To 8 SF Individual Critical Barriers Note: For diffusers, return grilles, access doors, light fixtures, etc.	20.90	
01 56 16 00-0038	EA	>8 To 32 SF Individual Critical Barriers Note: For doors, windows, etc.	32.91	
01 56 16 00-0039		**Temporary Stud Wall** *(01 56 16)* Note: Includes removal after use.		
01 56 16 00-0040		**Temporary Stud Wall With Drywall** *(01 56 16 00-0039)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, drywall taped and finished and removal after use. Excludes paint.		
01 56 16 00-0041		**Temporary Stud Wall With Drywall** *(01 56 16 00-0040)*		
01 56 16 00-0042	SF	3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.47	
		For Metal Studs 24" On Center, Add/Deduct	*1.33*	
01 56 16 00-0043	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.47	
		For Metal Studs 24" On Center, Add/Deduct	*1.33*	
01 56 16 00-0044	SF	5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.58	
		For Metal Studs 24" On Center, Add/Deduct	*1.33*	
01 56 16 00-0045	SF	3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.64	
		For Metal Studs 24" On Center, Add/Deduct	*1.42*	
01 56 16 00-0046	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.64	
		For Metal Studs 24" On Center, Add/Deduct	*1.42*	
01 56 16 00-0047	SF	5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.86	
		For Metal Studs 24" On Center, Add/Deduct	*1.42*	
01 56 16 00-0048		**Temporary Stud Wall With Fire Rated Drywall** *(01 56 16 00-0040)*		
01 56 16 00-0049	SF	1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.59	
		For Metal Studs 24" On Center, Add/Deduct	*1.33*	
01 56 16 00-0050	SF	5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.63	
		For Metal Studs 24" On Center, Add/Deduct	*1.33*	
01 56 16 00-0051	SF	5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.56	
		For Metal Studs 24" On Center, Add/Deduct	*1.33*	
01 56 16 00-0052	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	6.40	
		For Metal Studs 24" On Center, Add/Deduct	*1.33*	
01 56 16 00-0053	SF	1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.88	
		For Metal Studs 24" On Center, Add/Deduct	*1.42*	
01 56 16 00-0054	SF	5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.96	
		For Metal Studs 24" On Center, Add/Deduct	*1.42*	
01 56 16 00-0055	SF	5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.83	
		For Metal Studs 24" On Center, Add/Deduct	*1.42*	
01 56 16 00-0056	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	9.51	
		For Metal Studs 24" On Center, Add/Deduct	*1.42*	
01 56 16 00-0057		**Temporary Stud Wall With Oriented Strand Board (OSB)** *(01 56 16 00-0039)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0058	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.43	
		For Metal Studs 24" On Center, Add/Deduct	*1.33*	
01 56 16 00-0059	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.49	
		For Metal Studs 24" On Center, Add/Deduct	*1.33*	
01 56 16 00-0060	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.65	
		For Metal Studs 24" On Center, Add/Deduct	*1.33*	
01 56 16 00-0061	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.75	
		For Metal Studs 24" On Center, Add/Deduct	*1.33*	
01 56 16 00-0062	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.56	
		For Metal Studs 24" On Center, Add/Deduct	*1.42*	
01 56 16 00-0063	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.68	
		For Metal Studs 24" On Center, Add/Deduct	*1.42*	
01 56 16 00-0064	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.01	
		For Metal Studs 24" On Center, Add/Deduct	*1.42*	
01 56 16 00-0065	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.20	
		For Metal Studs 24" On Center, Add/Deduct	*1.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0066		**Temporary Stud Wall With BC Plywood** *(01 56 16 00-0039)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0067	SF	3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.83	
		For Metal Studs 24" On Center, Add/Deduct	*1.33*	
01 56 16 00-0068	SF	1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.05	
		For Metal Studs 24" On Center, Add/Deduct	*1.33*	
01 56 16 00-0069	SF	5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.19	
		For Metal Studs 24" On Center, Add/Deduct	*1.33*	
01 56 16 00-0070	SF	3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.36	
		For Metal Studs 24" On Center, Add/Deduct	*1.33*	
01 56 16 00-0071	SF	3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.36	
		For Metal Studs 24" On Center, Add/Deduct	*1.42*	
01 56 16 00-0072	SF	1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.80	
		For Metal Studs 24" On Center, Add/Deduct	*1.42*	
01 56 16 00-0073	SF	5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	9.08	
		For Metal Studs 24" On Center, Add/Deduct	*1.42*	
01 56 16 00-0074	SF	3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	9.43	
		For Metal Studs 24" On Center, Add/Deduct	*1.42*	
01 56 16 00-0075		**Temporary Stud Wall With Plastic Sheeting** *(01 56 16 00-0039)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheeting, and removal after use.		
01 56 16 00-0076	SF	6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.08	
		For Metal Studs 24" On Center, Add/Deduct	*1.24*	
01 56 16 00-0077	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.16	
		For Metal Studs 24" On Center, Add/Deduct	*1.24*	
01 56 16 00-0078	SF	6 Mil, Fire Retardant, Anti-Static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.19	
		For Metal Studs 24" On Center, Add/Deduct	*1.24*	
01 56 16 00-0079	SF	6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.18	
		For Metal Studs 24" On Center, Add/Deduct	*1.24*	
01 56 16 00-0080	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.25	
		For Metal Studs 24" On Center, Add/Deduct	*1.24*	
01 56 16 00-0081		**14' High Temporary Stud Walls** *(01 56 16 00-0039)*		
01 56 16 00-0082	LF	14' High Temporary Stud Wall Note: Includes 2" x 4" wood studs 16" O.C., with 2" x 4" top and bottom stud, 3/4" plywood on one side, 5/8" gypsum board on one side, firetaped and finished, visqueen with 2' lap welded seams, R13 insulation and caulked at top and bottom.	140.05	
01 56 16 00-0083		**Temporary Doors** *(01 56 16 00-0039)* Note: For temporary stud walls. Includes removal after use.		
01 56 16 00-0084	EA	Temporary Metal Door And Frame Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.	588.55	
01 56 16 00-0085		**Temporary Floor Protection** *(01 56 16)* Note: Includes removal after use.		
01 56 16 00-0086	SF	1/8" Thick, Masonite For Temporary Floor Protection	1.54	
01 56 16 00-0087	SF	1/2" Thick, Plywood For Temporary Floor Protection	1.58	
01 56 16 00-0088	SF	3/4" Thick, Plywood For Temporary Floor Protection	1.86	
01 56 16 00-0089	LF	38" Wide, 46 Mil Fiberboard, Ram Board® For Temporary Floor Protection	1.02	
01 56 16 00-0090	LF	36" Wide, 9 Mil, Regular Weight Red Rosin Paper, For Temporary Floor Protection	0.33	
01 56 16 00-0091	CSF	3 Mil, Temporary Self-adhesive Carpet Protection Film	26.31	
01 56 16 00-0092	SF	Burlap For Temporary Floor Protection	0.72	
01 56 16 00-0093		**Sticky Mats** *(01 56 16)* Note: Includes removal after use.		
01 56 16 00-0094	EA	18" x 36", 30 Layer Sticky Mat	36.16	
		For 60 Layers Instead Of 30, Add	*23.76*	
01 56 16 00-0095	EA	18" x 46", 30 Layer Sticky Mat	41.43	
		For 60 Layers Instead Of 30, Add	*27.71*	
01 56 16 00-0096	EA	24" x 36", 30 Layer Sticky Mat	41.43	
		For 60 Layers Instead Of 30, Add	*27.71*	
01 56 16 00-0097	EA	25" x 45", 30 Layer Sticky Mat	54.63	
		For 60 Layers Instead Of 30, Add	*37.61*	
01 56 16 00-0098	EA	36" x 36", 30 Layer Sticky Mat	59.91	
		For 60 Layers Instead Of 30, Add	*41.57*	
01 56 16 00-0099	EA	36" x 46", 30 Layer Sticky Mat	65.19	
		For 60 Layers Instead Of 30, Add	*45.53*	
01 56 16 00-0100	EA	36" x 60", 30 Layer Sticky Mat	131.18	
		For 60 Layers Instead Of 30, Add	*95.03*	
01 56 16 00-0101	EA	36" x 72", 30 Layer Sticky Mat	156.52	
01 56 26		**Temporary Fencing** *(01 56)*		
01 56 26 00-0001		**Temporary Fencing** *(01 56 26)* Note: Per ASTM A392-06 Standards		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0002		Temporary Chain Link Fence *(01 56 26 00-0001)* Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0082 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
01 56 26 00-0003		Temporary Chain Link Fence, Up To 6 Months *(01 56 26 00-0002)*		
01 56 26 00-0004	LF	Temporary 4' High Chain Link Fence And Posts, Up To 6 Months	6.57	
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.30*	
		For >500, Deduct	*-0.45*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0005	LF	Temporary 6' High Chain Link Fence And Posts, Up To 6 Months	7.30	
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.34*	
		For >500, Deduct	*-0.51*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0006	LF	Temporary 8' High Chain Link Fence And Posts, Up To 6 Months	10.00	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.86*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0007	LF	Temporary 10' High Chain Link Fence And Posts, Up To 6 Months	21.70	
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.54*	
		For Each LF Shade Cloth, Add	*4.75*	
01 56 26 00-0008		Temporary Chain Link Fence, >6 To 12 Months *(01 56 26 00-0002)*		
01 56 26 00-0009	LF	Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months	6.88	
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.33*	
		For >500, Deduct	*-0.50*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0010	LF	Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months	7.64	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.37*	
		For >500, Deduct	*-0.56*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0011	LF	Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months	10.56	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.94*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0012	LF	Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months	23.39	
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.80*	
		For Each LF Shade Cloth, Add	*4.75*	
01 56 26 00-0013		Temporary Chain Link Fence, >12 To 18 Months *(01 56 26 00-0002)*		
01 56 26 00-0014	LF	Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months	7.21	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.36*	
		For >500, Deduct	*-0.54*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0015	LF	Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months	8.02	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.41*	
		For >500, Deduct	*-0.61*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0016	LF	Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months	11.20	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.04*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0017	LF	Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months	25.25	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-2.05*	
		For >500, Deduct	*-3.08*	
		For Each LF Shade Cloth, Add	*4.75*	
01 56 26 00-0018		Temporary Chain Link Fence, >18 Months *(01 56 26 00-0002)*		
01 56 26 00-0019	LF	Temporary 4' High Chain Link Fence And Posts, >18 Months	7.57	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.40*	
		For >500, Deduct	*-0.60*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0020	LF	Temporary 6' High Chain Link Fence And Posts, >18 Months	8.40	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.45*	
		For >500, Deduct	*-0.67*	
		For Each LF Shade Cloth, Add	*2.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0021	LF	Temporary 8' High Chain Link Fence And Posts, >18 Months	11.88	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.14*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0022	LF	Temporary 10' High Chain Link Fence And Posts, >18 Months	27.30	
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-3.38*	
		For Each LF Shade Cloth, Add	*4.75*	

01 56 26 00-0023 Temporary Chain Link Fence Gates *(01 56 26 00-0001)*

Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0082 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.

01 56 26 00-0024 Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0023)*

01 56 26 00-0025 4' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0026	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	257.68	
		For Each LF Shade Cloth, Add	*14.23*	
01 56 26 00-0027	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	439.61	
		For Each LF Shade Cloth, Add	*35.57*	
01 56 26 00-0028	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	491.80	
		For Each LF Shade Cloth, Add	*42.68*	
01 56 26 00-0029	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	560.10	
		For Each LF Shade Cloth, Add	*53.35*	
01 56 26 00-0030	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	670.29	
		For Each LF Shade Cloth, Add	*71.14*	
01 56 26 00-0031	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	746.76	
		For Each LF Shade Cloth, Add	*85.36*	

01 56 26 00-0032 6' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0033	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	276.19	
		For Each LF Shade Cloth, Add	*22.67*	
01 56 26 00-0034	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	475.46	
		For Each LF Shade Cloth, Add	*56.69*	
01 56 26 00-0035	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	533.15	
		For Each LF Shade Cloth, Add	*68.02*	
01 56 26 00-0036	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	618.61	
		For Each LF Shade Cloth, Add	*85.03*	
01 56 26 00-0037	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	747.42	
		For Each LF Shade Cloth, Add	*113.37*	
01 56 26 00-0038	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	849.51	
		For Each LF Shade Cloth, Add	*136.05*	

01 56 26 00-0039 8' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0040	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	308.63	
		For Each LF Shade Cloth, Add	*32.01*	
01 56 26 00-0041	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	545.84	
		For Shade Cloth, Add	*80.03*	
01 56 26 00-0042	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	609.92	
		For Shade Cloth, Add	*96.03*	
01 56 26 00-0043	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	698.73	
		For Shade Cloth, Add	*120.04*	
01 56 26 00-0044	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	853.94	
		For Shade Cloth, Add	*160.06*	
01 56 26 00-0045	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	993.48	
		For Shade Cloth, Add	*192.07*	

01 56 26 00-0046 10' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0047	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	373.36	
		For Each LF Shade Cloth, Add	*42.24*	
01 56 26 00-0048	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	653.44	
		For Each LF Shade Cloth, Add	*105.59*	
01 56 26 00-0049	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	731.66	
		For Each LF Shade Cloth, Add	*126.71*	
01 56 26 00-0050	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	836.93	
		For Each LF Shade Cloth, Add	*158.39*	
01 56 26 00-0051	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,023.11	
		For Each LF Shade Cloth, Add	*211.18*	
01 56 26 00-0052	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,184.77	
		For Each LF Shade Cloth, Add	*253.42*	

01 56 26 00-0053 Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0023)*

01 56 26 00-0054 4' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*

01 56 26 00-0055	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	267.21	
		For Each LF Shade Cloth, Add	*14.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0056	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	454.43	
		For Each LF Shade Cloth, Add	*35.57*	
01 56 26 00-0057	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	508.74	
		For Each LF Shade Cloth, Add	*42.68*	
01 56 26 00-0058	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	579.16	
		For Each LF Shade Cloth, Add	*53.35*	
01 56 26 00-0059	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	693.58	
		For Each LF Shade Cloth, Add	*71.14*	
01 56 26 00-0060	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	772.17	
		For Each LF Shade Cloth, Add	*85.36*	
01 56 26 00-0061		6' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*		
01 56 26 00-0062	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	286.15	
		For Each LF Shade Cloth, Add	*22.67*	
01 56 26 00-0063	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	490.95	
		For Each LF Shade Cloth, Add	*56.69*	
01 56 26 00-0064	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	550.86	
		For Each LF Shade Cloth, Add	*68.02*	
01 56 26 00-0065	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	638.53	
		For Each LF Shade Cloth, Add	*85.03*	
01 56 26 00-0066	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	771.77	
		For Each LF Shade Cloth, Add	*113.37*	
01 56 26 00-0067	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	876.07	
		For Each LF Shade Cloth, Add	*136.05*	
01 56 26 00-0068		8' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*		
01 56 26 00-0069	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	319.59	
		For Each LF Shade Cloth, Add	*32.01*	
01 56 26 00-0070	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	562.88	
		For Shade Cloth, Add	*80.03*	
01 56 26 00-0071	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	629.40	
		For Shade Cloth, Add	*96.03*	
01 56 26 00-0072	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	720.64	
		For Shade Cloth, Add	*120.04*	
01 56 26 00-0073	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	880.72	
		For Shade Cloth, Add	*160.06*	
01 56 26 00-0074	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,022.70	
		For Shade Cloth, Add	*192.07*	
01 56 26 00-0075		10' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*		
01 56 26 00-0076	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	387.05	
		For Each LF Shade Cloth, Add	*42.24*	
01 56 26 00-0077	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	674.74	
		For Each LF Shade Cloth, Add	*105.59*	
01 56 26 00-0078	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	756.01	
		For Each LF Shade Cloth, Add	*126.71*	
01 56 26 00-0079	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	864.32	
		For Each LF Shade Cloth, Add	*158.39*	
01 56 26 00-0080	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,056.58	
		For Each LF Shade Cloth, Add	*211.18*	
01 56 26 00-0081	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,221.30	
		For Each LF Shade Cloth, Add	*253.42*	
01 56 26 00-0082		Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0023)*		
01 56 26 00-0083		4' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*		
01 56 26 00-0084	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	277.21	
		For Each LF Shade Cloth, Add	*14.23*	
01 56 26 00-0085	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	469.99	
		For Each LF Shade Cloth, Add	*35.57*	
01 56 26 00-0086	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	526.52	
		For Each LF Shade Cloth, Add	*42.68*	
01 56 26 00-0087	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	599.16	
		For Each LF Shade Cloth, Add	*53.35*	
01 56 26 00-0088	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	718.03	
		For Each LF Shade Cloth, Add	*71.14*	
01 56 26 00-0089	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	798.85	
		For Each LF Shade Cloth, Add	*85.36*	
01 56 26 00-0090		6' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*		
01 56 26 00-0091	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	296.61	
		For Each LF Shade Cloth, Add	*22.67*	
01 56 26 00-0092	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	507.22	
		For Each LF Shade Cloth, Add	*56.69*	
01 56 26 00-0093	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	569.45	
		For Each LF Shade Cloth, Add	*68.02*	
01 56 26 00-0094	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	659.44	
		For Each LF Shade Cloth, Add	*85.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0095	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	797.33	
		For Each LF Shade Cloth, Add	*113.37*	
01 56 26 00-0096	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	903.95	
		For Each LF Shade Cloth, Add	*136.05*	
01 56 26 00-0097		**8' High, Temporary Chain Link Fence Gates, >12 To 18 Months** *(01 56 26 00-0082)*		
01 56 26 00-0098	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	331.09	
		For Each LF Shade Cloth, Add	*32.01*	
01 56 26 00-0099	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	580.78	
		For Shade Cloth, Add	*80.03*	
01 56 26 00-0100	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	649.85	
		For Shade Cloth, Add	*96.03*	
01 56 26 00-0101	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	743.65	
		For Shade Cloth, Add	*120.04*	
01 56 26 00-0102	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	908.84	
		For Shade Cloth, Add	*160.06*	
01 56 26 00-0103	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,053.38	
		For Shade Cloth, Add	*192.07*	
01 56 26 00-0104		**10' High, Temporary Chain Link Fence Gates, >12 To 18 Months** *(01 56 26 00-0082)*		
01 56 26 00-0105	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	401.43	
		For Each LF Shade Cloth, Add	*42.24*	
01 56 26 00-0106	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	697.11	
		For Each LF Shade Cloth, Add	*105.59*	
01 56 26 00-0107	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	781.57	
		For Each LF Shade Cloth, Add	*126.71*	
01 56 26 00-0108	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	893.08	
		For Each LF Shade Cloth, Add	*158.39*	
01 56 26 00-0109	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,091.73	
		For Each LF Shade Cloth, Add	*211.18*	
01 56 26 00-0110	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,259.64	
		For Each LF Shade Cloth, Add	*253.42*	
01 56 26 00-0111		**Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0023)*		
01 56 26 00-0112		**4' High, Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0111)*		
01 56 26 00-0113	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	287.21	
		For Each LF Shade Cloth, Add	*14.23*	
01 56 26 00-0114	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	485.55	
		For Each LF Shade Cloth, Add	*35.57*	
01 56 26 00-0115	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	544.31	
		For Each LF Shade Cloth, Add	*42.68*	
01 56 26 00-0116	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	619.17	
		For Each LF Shade Cloth, Add	*53.35*	
01 56 26 00-0117	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	742.48	
		For Each LF Shade Cloth, Add	*71.14*	
01 56 26 00-0118	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	825.52	
		For Each LF Shade Cloth, Add	*85.36*	
01 56 26 00-0119		**6' High, Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0111)*		
01 56 26 00-0120	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	307.07	
		For Each LF Shade Cloth, Add	*22.67*	
01 56 26 00-0121	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	523.49	
		For Each LF Shade Cloth, Add	*56.69*	
01 56 26 00-0122	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	588.04	
		For Each LF Shade Cloth, Add	*68.02*	
01 56 26 00-0123	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	680.36	
		For Each LF Shade Cloth, Add	*85.03*	
01 56 26 00-0124	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	822.90	
		For Each LF Shade Cloth, Add	*113.37*	
01 56 26 00-0125	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	931.84	
		For Each LF Shade Cloth, Add	*136.05*	
01 56 26 00-0126		**8' High, Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0111)*		
01 56 26 00-0127	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	342.60	
		For Each LF Shade Cloth, Add	*32.01*	
01 56 26 00-0128	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	598.67	
		For Shade Cloth, Add	*80.03*	
01 56 26 00-0129	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	670.31	
		For Shade Cloth, Add	*96.03*	
01 56 26 00-0130	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	766.66	
		For Shade Cloth, Add	*120.04*	
01 56 26 00-0131	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	936.96	
		For Shade Cloth, Add	*160.06*	
01 56 26 00-0132	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	1,084.05	
		For Shade Cloth, Add	*192.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0133		**10' High, Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0111)*		
01 56 26 00-0134	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	415.81	
		For Each LF Shade Cloth, Add	*42.24*	
01 56 26 00-0135	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	719.48	
		For Each LF Shade Cloth, Add	*105.59*	
01 56 26 00-0136	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	807.14	
		For Each LF Shade Cloth, Add	*126.71*	
01 56 26 00-0137	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	921.84	
		For Each LF Shade Cloth, Add	*158.39*	
01 56 26 00-0138	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,126.89	
		For Each LF Shade Cloth, Add	*211.18*	
01 56 26 00-0139	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,297.99	
		For Each LF Shade Cloth, Add	*253.42*	
01 56 26 00-0140		**Temporary Chain Link Fence Panels (Portable)** *(01 56 26 00-0001)*		
		Note: Includes delivery, set-up and removal. Excludes sandbags.		
01 56 26 00-0141		**Temporary Chain Link Fence Panels (Portable), Up To 6 Months** *(01 56 26 00-0140)*		
01 56 26 00-0142	LF	Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months	7.16	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.36*	
		For >500, Deduct	*-0.54*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0143	LF	Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months	7.94	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.40*	
		For >500, Deduct	*-0.60*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0144	LF	Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months	10.77	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.65*	
		For >500, Deduct	*-0.97*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0145		**Temporary Chain Link Fence Panels (Portable), >6 To 12 Months** *(01 56 26 00-0140)*		
01 56 26 00-0146	LF	Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months	7.47	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.39*	
		For >500, Deduct	*-0.58*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0147	LF	Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months	8.28	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.65*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0148	LF	Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months	11.33	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.05*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0149		**Temporary Chain Link Fence Panels (Portable), >12 To 18 Months** *(01 56 26 00-0140)*		
01 56 26 00-0150	LF	Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months	7.77	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.63*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0151	LF	Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months	8.66	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.47*	
		For >500, Deduct	*-0.71*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0152	LF	Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months	11.97	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.15*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0153		**Temporary Chain Link Fence Panels (Portable), >18 Months** *(01 56 26 00-0140)*		
01 56 26 00-0154	LF	Temporary 4' High Chain Link Fence Panels (Portable), >18 Months	8.16	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.46*	
		For >500, Deduct	*-0.69*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0155	LF	Temporary 6' High Chain Link Fence Panels (Portable), >18 Months	9.04	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.77*	
		For Each LF Shade Cloth, Add	*2.55*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	01 56 26 00-0156	LF	Temporary 8' High Chain Link Fence Panels (Portable), >18 Months	12.63	
			For >100 To 250, Deduct	*-0.42*	
			For >250 To 500, Deduct	*-0.83*	
			For >500, Deduct	*-1.25*	
			For Each LF Shade Cloth, Add	*3.60*	
	01 56 26 00-0157		Temporary Chain Link Fence Panels (Portable) Sandbags *(01 56 26 00-0140)*		
	01 56 26 00-0158	BAG	Temporary Chain Link Fence Panels (Portable) Sandbag	6.77	
			Note: Includes placement and removal.		
	01 56 26 00-0159		Relocate Chain Link Fence, Gates And Panels *(01 56 26 00-0001)*		
			Note: Excludes auguring/drilling for posts.		
	01 56 26 00-0160		Relocate Temporary Chain Link Fence On Site *(01 56 26 00-0159)*		
	01 56 26 00-0161	LF	Relocate Temporary 4' High Chain Link Fence And Posts	3.24	
	01 56 26 00-0162	LF	Relocate Temporary 6' High Chain Link Fence And Posts	4.86	
	01 56 26 00-0163	LF	Relocate Temporary 8' High Chain Link Fence And Posts	7.02	
	01 56 26 00-0164	LF	Relocate Temporary 10' High Chain Link Fence And Posts	8.64	
	01 56 26 00-0165		Relocate Temporary Chain Link Fence Panels On Site *(01 56 26 00-0159)*		
	01 56 26 00-0166	LF	Relocate Temporary 4' High Chain Link Fence Panel, Self Standing	0.89	
	01 56 26 00-0167	LF	Relocate Temporary 6' High Chain Link Fence Panel, Self Standing	1.07	
	01 56 26 00-0168	LF	Relocate Temporary 8' High Chain Link Fence Panel, Self Standing	1.20	
	01 56 26 00-0169		Relocate Temporary Chain Link Gates On Site *(01 56 26 00-0159)*		
	01 56 26 00-0170	EA	Relocate Temporary 4' High Chain Link Vehicle Gate And Posts	116.34	
	01 56 26 00-0171	EA	Relocate Temporary 6' High Chain Link Vehicle Gate And Posts	134.24	
	01 56 26 00-0172	EA	Relocate Temporary 8' High Chain Link Vehicle Gate And Posts	165.57	
	01 56 26 00-0173	EA	Relocate Temporary 10' High Chain Link Vehicle Gate And Posts	179.00	
	01 56 26 00-0174		Temporary Rail And Timber Structure *(01 56 26)*		
	01 56 26 00-0175	LF	4' High Temporary Rail And Timber Structure	219.02	
			Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps		
	01 56 26 00-0176	LF	6' High Temporary Rail And Timber Structure	312.39	
			Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps		
	01 56 26 00-0177	LF	8' High Temporary Rail And Timber Structure	405.76	
			Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps		
	01 56 26 00-0178	LF	10' High Temporary Rail And Timber Structure	518.96	
			Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps		
	01 56 26 00-0179	LF	12' High Temporary Rail And Timber Structure	603.37	
			Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps		
	01 56 26 00-0180	LF	15' High Temporary Rail And Timber Structure	692.27	
			Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps		
	01 56 26 00-0181		Temporary Safety Fence *(01 56 26)*		
			Note: Includes removal after use.		
	01 56 26 00-0182	LF	48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	3.39	
	01 56 29		**Temporary Protective Walkways** *(01 56)*		
	01 56 29 00-0001		Temporary Sidewalk Bridge Protection *(01 56 29)*		
	01 56 29 00-0002		Installation of Sidewalk Bridge *(01 56 29 00-0001)*		
	01 56 29 00-0003	LF	Installation of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	155.57	
			Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
			For 3 Post System, Add	*6.00*	
			For Each Additional Foot Over 8' Wide, Add	*3.00*	
			For Each Additional Foot Over 8' High, Add	*2.00*	
	01 56 29 00-0004	LF	Installation of Netting for Sidewalk Bridge	3.96	
	01 56 29 00-0005		Monthly Rental of Sidewalk Bridge *(01 56 29 00-0001)*		
	01 56 29 00-0006	LF	Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	14.39	
			Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
			For 3 Post System, Add	*2.16*	
	01 56 29 00-0007	LF	Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	16.20	
			Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
			For 3 Post System, Add	*2.43*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 29 00-0008	LF	Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	18.00	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*2.70*	
01 56 29 00-0009	LF	Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	18.00	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*2.70*	
01 56 29 00-0010	LF	Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	19.78	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*2.97*	
01 56 29 00-0011	LF	Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	23.41	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*3.51*	
01 56 29 00-0012	LF	Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	21.61	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*3.24*	
01 56 29 00-0013	LF	Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	25.21	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*3.78*	
01 56 29 00-0014	LF	Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	26.97	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*4.05*	
01 56 29 00-0015	LF	Monthly Rental of Netting for Sidewalk Bridge	2.70	
01 56 29 00-0016		Removal of Sidewalk Bridge *(01 56 29 00-0001)*		
01 56 29 00-0017	LF	Removal Of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	32.38	
		Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
		For 3 Post System, Add	*2.50*	
		For Each Additional Foot Over 8' Wide, Add	*1.25*	
		For Each Additional Foot Over 8' High, Add	*0.75*	
01 56 29 00-0018	LF	Removal Of Netting For Sidewalk Bridge	1.98	
01 56 29 00-0019		Temporary Safety Nets *(01 56 29)*		
		Note: Includes removal after use.		
01 56 29 00-0020	SF	Small Mesh Debris Netting	2.17	
		Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.		
01 56 33		**Temporary Security Barriers** *(01 56)*		
01 56 33 00-0001		Board-up Opening With Plywood *(01 56 33)*		
		Note: For use where directed by owner for boarding up door and window openings.		
01 56 33 00-0002	OPNG	Removal Of Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day	13.43	
01 56 33 00-0003	SF	5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening	7.43	
01 56 33 00-0004	SF	3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening	8.62	
01 56 33 00-0005		Temporary Pedestrian Barricade *(01 56 33)*		
		Note: Portable, interlocking galvanized steel fence with pivoting legs.		
01 56 33 00-0006	DAY	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	13.44	
01 56 33 00-0007	WK	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	32.63	
01 56 33 00-0008	MO	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	97.90	
01 56 39		**Temporary Tree and Plant Protection** *(01 56)*		
01 56 39 00-0001		Temporary Tree Guards *(01 56 39)*		
		Note: Includes digging holes and removal after use.		
01 56 39 00-0002	EA	Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	194.68	
01 56 39 00-0003	EA	4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	230.77	
01 56 39 00-0004	EA	6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	250.79	

01 57 Temporary Controls *(01 50)*

01 57 13 Temporary Erosion and Sediment Control *(01 57)*

See CSI section 31 25 00 00-0000 for temporary erosion and sediment control.

01 57 23 Temporary Storm Water Pollution Control *(01 57)*

See CSI section 31 25 00 00-0000 for temporary storm water pollution control.

01 57 23 00-0001 Temporary Drain Guard *(01 57 23)*

Note: Includes removal after use.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	01 57 23 00-0002	EA	36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227)	105.68	
	01 57 23 00-0003	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217) Note: Up to 0.87 gallons oil, up to 40 lbs sediment.	103.70	
	01 57 23 00-0004	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219) Note: Up to 1.38 gallons oil, up to 40 lbs sediment.	131.52	
	01 57 23 00-0005	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356) Note: Up to 1.55 gallons oil, up to 40 lbs sediment.	129.52	
	01 57 23 00-0006	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358) Note: Up to 2.06 gallons oil, up to 40 lbs sediment.	159.34	

01 57 26 Site Watering for Dust Control *(01 57)*

01 57 26 00-0001 Site Watering for Dust Control *(01 57 26)*

	01 57 26 00-0002	MSF	Apply Synthetic, Liquid Dust Suppression Fluid With GTL Technology (Soil Works Durasoil) Note: GTL (Gas-to-Liquid)	109.91	
	01 57 26 00-0003	MSF	Apply 2% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorrila-Snot)	41.00	
	01 57 26 00-0004	MSF	Apply 4% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorrila-Snot)	61.74	
	01 57 26 00-0005	MSF	Apply 8% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorrila-Snot)	103.22	
	01 57 26 00-0006	MSF	Apply 12% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorrila-Snot)	144.69	

01 58 Project Identification *(01 50)*

Note: Includes removal after use.

01 58 13 Temporary Project Signage *(01 58)*

01 58 13 00-0001 Project Sign *(01 58 13)*

01 58 13 00-0002 MDO Plywood Signs *(01 58 13 00-0001)*
Note: Excludes posts.

01 58 13 00-0003 Reflectorized, MDO Plywood Signs *(01 58 13 00-0002)*

01 58 13 00-0004 Engineer Grade, Reflectorized, MDO Plywood Signs *(01 58 13 00-0003)*

	01 58 13 00-0005	EA	Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	168.22	24.62
			For High-Intensity Grade, Add	*41.65*	
			For Diamond Grade, Add	*80.32*	
	01 58 13 00-0006	EA	>8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	289.46	25.73
			For High-Intensity Grade, Add	*83.30*	
			For Diamond Grade, Add	*160.64*	
	01 58 13 00-0007	EA	>16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	410.69	26.85
			For High-Intensity Grade, Add	*124.94*	
			For Diamond Grade, Add	*240.96*	
	01 58 13 00-0008	EA	>24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	531.92	27.97
			For High-Intensity Grade, Add	*166.59*	
			For Diamond Grade, Add	*321.28*	
	01 58 13 00-0009	SF	>32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	16.66	0.89
			For High-Intensity Grade, Add	*5.20*	
			For Diamond Grade, Add	*10.04*	

01 58 13 00-0010 Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0002)*

01 58 13 00-0011 One Or Two Color Design, Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0010)*

	01 58 13 00-0012	EA	Up To 8 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	210.67	24.62
	01 58 13 00-0013	EA	>8 To 16 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	251.45	25.73
	01 58 13 00-0014	EA	>16 To 24 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	315.14	26.85
	01 58 13 00-0015	EA	>24 To 32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	375.28	27.97
	01 58 13 00-0016	SF	>32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	11.77	0.89

01 58 13 00-0017 Full Color Design, Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0010)*

	01 58 13 00-0018	EA	Up To 8 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	215.22	24.62
	01 58 13 00-0019	EA	>8 To 16 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	275.95	25.73
	01 58 13 00-0020	EA	>16 To 24 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	340.04	26.85
	01 58 13 00-0021	EA	>24 To 32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	396.62	27.97
	01 58 13 00-0022	SF	>32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	12.44	0.89

01 58 13 00-0023 Fabricate And Install New Posts *(01 58 13 00-0001)*
Note: Includes excavation, backfill and compaction. Excludes core drilling.

	01 58 13 00-0024	LF	Galvanized Metal Channel Sign Posts	15.72	
	01 58 13 00-0025	LF	4" x 4" Pressure Treated Wood Sign Posts	11.50	
	01 58 13 00-0026	LF	4" x 6" Pressure Treated Wood Sign Posts	14.28	

01 58 13 00-0027 Owner Supplied Signs *(01 58 13 00-0001)*

	01 58 13 00-0028	EA	Installation And Removal Of Owner Supplied Project Sign	89.51	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 60 Product Requirements *(01)*

01 65 Product Delivery Requirements *(01 60)*

01 65 00 00-0001 Helicopter Lift *(01 65)*

Note: Includes Helcopter, Crew, Permits, Fuel And Clearances

01 65 00 00-0002	DAY	Helicopter Lift <3,500Lbs Note: Maximum of (3) Operations, Helicopter Crew, Helicopter, Rigging. Includes Day Permit for FAA Permit, Street Closure fees and Right of way. Signage , Safety Rigging Landing Plan. Clearing, Cleaning and Delineation of Landing Zone, Drop Zone, and Alternate landing Area. Delineation and closure of Ingress Egress routes.	34,309.66	
		For Weekend Day Usage, Add	*3,500.00*	

01 66 Product Storage and Handling Requirements *(01 60)*

01 66 19 Product Handling Requirements *(01 66)*

Note: Not for use in conjunction with other tasks when the distance is less than 2 stories or less than 125'.

01 66 19 00-0001 Transfer Delivered Materials Between Floors *(01 66 19)*

Note: For moving delivered, owner supplied or existing materials in a building.

01 66 19 00-0002	CY	Transfer Delivered Material Between Floors Via Stairs, Per Floor Note: Quantity equals volume of materials multiplied by number of floors traveled.	17.21	
01 66 19 00-0003	CY	Transfer Delivered Material Between Floors Via Elevator, Per Trip Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.	11.19	

01 66 19 00-0004 Transfer Delivered Materials Distances Greater Than 125' *(01 66 19)*

Note: For moving delivered, owner supplied or existing materials in a building.

01 66 19 00-0005	CY	Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125'	6.99	

01 66 19 00-0006 Transfer Demolition Debris Between Floors *(01 66 19)*

Note: Only for use with demolition tasks.

01 66 19 00-0007	CY	Transfer Demolition Debris Between Floors Via Stairs, Per Floor Note: Quantity equals material volume times bulk factor times number of floors traveled.	17.21	
01 66 19 00-0008	CY	Transfer Demolition Debris Between Floors Via Elevator, Per Trip Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.	11.19	

01 66 19 00-0009 Transfer Demolition Debris Distances Greater Than 125' *(01 66 19)*

Note: Only for use with demolition tasks.

01 66 19 00-0010	CY	Transfer Demolition Debris Distances Greater Than 125', Per CY Of Material Per 125'	6.99	

01 66 19 00-0011 Moving Furniture And Furnishings *(01 66 19)*

Note: To be used when contractor is required to move furniture and furnishings occupying 55% or more of the total floor space.

01 66 19 00-0012	SF	Removal, Transportation, Return And Reinstallation Of Office Furniture And Furnishings Note: Includes desks, tables, file cabinets, chairs, storage boxes, bookshelves, office equipment, computers, and other furniture and furnishings. Quantity equals total floor space.	1.11	

01 66 23 Off-Site Storage Facilities *(01 66)*

01 66 23 00-0001 Climate And Humidity Controlled Off-site Storage Facility *(01 66 23)*

01 66 23 00-0002	MO	5' x 10', Climate And Humidity Controlled Storage Facility	286.42	
01 66 23 00-0003	MO	10' x 10', Climate And Humidity Controlled Storage Facility	320.88	
01 66 23 00-0004	MO	10' x 20', Climate And Humidity Controlled Storage Facility	590.07	
01 66 23 00-0005	MO	15' x 15', Climate And Humidity Controlled Storage Facility	725.75	
01 66 23 00-0006	MO	10' x 30', Climate And Humidity Controlled Storage Facility	930.34	

01 70 Execution and Closeout Requirements *(01)*

01 71 Examination and Preparation *(01 70)*

01 71 13 Mobilization *(01 71)*

01 71 13 00-0001 Equipment Delivery, Pickup, Mobilization And Demobilization *(01 71 13)*

Note: Excludes flagman for traffic control where necessary.

01 71 13 00-0002	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.	451.75	
01 71 13 00-0003	MI	>25 Miles, Equipment Delivery And Pickup Using A Rollback Flatbed Truck Note: Excludes first 25 miles.	4.82	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 13 00-0004	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.	1,470.41	
01 71 13 00-0005	MI	>25 Miles, Equipment Delivery And Pickup Using A Tractor Trailer With Up To 53' Bed Note: Excludes first 25 miles.	11.76	

01 71 13 00-0006 Crane Delivery, Pickup, Mobilization And Demobilization *(01 71 13)*

Note: Includes delivery of equipment, off loading on site and rigging. Pick-up (return) includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.

01 71 13 00-0007	EA	Up To 20 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	481.87	
		For >30 To 60 Miles Radius, Add	*120.47*	
		For >60 To 100 Miles Radius, Add	*192.75*	
01 71 13 00-0008	EA	>20 To 40 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	783.03	
		For >30 To 60 Miles Radius, Add	*195.76*	
		For >60 To 100 Miles Radius, Add	*313.21*	
01 71 13 00-0009	EA	>40 To 70 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	1,084.21	
		For >30 To 60 Miles Radius, Add	*271.05*	
		For >60 To 100 Miles Radius, Add	*433.68*	
01 71 13 00-0010	EA	>70 To 110 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	1,746.77	
		For >30 To 60 Miles Radius, Add	*436.69*	
		For >60 To 100 Miles Radius, Add	*698.71*	
01 71 13 00-0011	EA	>110 To 125 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	2,192.50	
		For >30 To 60 Miles Radius, Add	*548.13*	
		For >60 To 100 Miles Radius, Add	*877.00*	
01 71 13 00-0012	EA	>125 To 150 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	2,728.58	
		For >30 To 60 Miles Radius, Add	*682.15*	
		For >60 To 100 Miles Radius, Add	*1,091.43*	
01 71 13 00-0013	EA	>150 To 185 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	3,144.19	
		For >30 To 60 Miles Radius, Add	*786.05*	
		For >60 To 100 Miles Radius, Add	*1,257.68*	
01 71 13 00-0014	EA	>185 To 210 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	3,517.64	
		For >30 To 60 Miles Radius, Add	*879.41*	
		For >60 To 100 Miles Radius, Add	*1,407.06*	
01 71 13 00-0015	EA	75 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	1,867.24	
		For >30 To 60 Miles Radius, Add	*466.81*	
		For >60 To 100 Miles Radius, Add	*746.90*	
01 71 13 00-0016	EA	100 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	2,951.44	
		For >30 To 60 Miles Radius, Add	*737.86*	
		For >60 To 100 Miles Radius, Add	*1,180.58*	
01 71 13 00-0017	EA	125 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	3,734.47	
		For >30 To 60 Miles Radius, Add	*933.62*	
		For >60 To 100 Miles Radius, Add	*1,493.79*	
01 71 13 00-0018	EA	150 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	4,637.98	
		For >30 To 60 Miles Radius, Add	*1,159.50*	
		For >60 To 100 Miles Radius, Add	*1,855.19*	
01 71 13 00-0019	EA	200 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	5,782.42	
		For >30 To 60 Miles Radius, Add	*1,445.61*	
		For >60 To 100 Miles Radius, Add	*2,312.97*	
01 71 13 00-0020	EA	250 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	6,746.16	
		For >30 To 60 Miles Radius, Add	*1,686.54*	
		For >60 To 100 Miles Radius, Add	*2,698.46*	
01 71 13 00-0021	EA	300 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	9,637.36	
		For >30 To 60 Miles Radius, Add	*2,409.34*	
		For >60 To 100 Miles Radius, Add	*3,854.94*	
01 71 13 00-0022	EA	500 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	13,215.23	
		For >30 To 60 Miles Radius, Add	*3,303.81*	
		For >60 To 100 Miles Radius, Add	*5,286.09*	

01 71 23 Field Engineering *(01 71)*

01 71 23 16 Construction Surveying *(01 71 23)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 23 16-0001		**Conventional Topographic Survey** *(01 71 23 16)* Note: The professional services include AutoCAD drafting and certification. The survey includes location of structures, walks, drives, parking, significant vegetation, utilities, etc. The area within building footprint is not to be considered as part of the acreage.		
01 71 23 16-0002	ACR	Conventional Topographic Survey Of Clear Area With Few To No Obstacles	1,255.76	
01 71 23 16-0003	ACR	Conventional Topographic Survey Of Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings)	3,533.18	
01 71 23 16-0004	ACR	Conventional Topographic Survey Of Clear Area With Few Structures, And/Or Wooded (5-25% Buildings)	5,073.97	
01 71 23 16-0005	ACR	Conventional Topographic Survey Of Developed Areas With Several Structures (25-65% Buildings)	7,628.67	
01 71 23 16-0006	ACR	Conventional Topographic Survey Of Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings)	9,550.41	
01 71 23 16-0007		**Property Lines Survey** *(01 71 23 16)* Note: Not to be added to tasks in the "Conventional Topographic Survey" section.		
01 71 23 16-0008	LF	Survey Property Lines On Cleared Land	2.80	
01 71 23 16-0009	LF	Survey Property Lines On Slightly Wooded Land	3.25	
01 71 23 16-0010	LF	Survey Property Lines On Wooded Land	3.81	
01 71 23 16-0011		**Survey Monument** *(01 71 23 16)*		
01 71 23 16-0012	EA	3' Precast Survey Monument	195.87	
		For Owner Furnished Monument, Deduct	*-79.30*	
01 71 23 16-0013	EA	Precast Survey Monument Box With Cast Iron Frame And Cover	292.87	
01 71 23 16-0014	EA	Riser Ring For Survey Monument	150.69	
01 71 23 16-0015	EA	Adjust Survey Monument Cover To Grade	237.89	
01 71 23 16-0016		**Facade Surveying** *(01 71 23 16)*		
01 71 23 16-0017	LF	Facade Survey And Reports (LF Of Facade x Number Of Floors)	7.76	
01 71 23 16-0018		**Utility Survey** *(01 71 23 16)* Note: This survey is only for the location of underground utilities.		
01 71 23 16-0019	ACR	Survey Clear Area For Underground Utilities	6,516.88	
01 71 23 16-0020		**GPR Bridge Deck And Pavement Inspection** *(01 71 23 16)*		
01 71 23 16-0021		**GPR Bridge Deck And Pavement Inspection Mobilization Fee** *(01 71 23 16-0020)* Note: One mobilization per project.		
01 71 23 16-0022	EA	GPR Bridge Deck And Pavement Inspection Mobilization Fee	3,730.80	
01 71 23 16-0023		**Bridge Deck Delamination Survey, GPR Bridge Deck Inspection** *(01 71 23 16-0020)* Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.		
01 71 23 16-0024	EA	Survey Fee, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	2,798.10	
01 71 23 16-0025	SF	Up To 5,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	1.18	
01 71 23 16-0026	SF	>5,000 To 10,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.93	
01 71 23 16-0027	SF	>10,000 To 25,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.75	
01 71 23 16-0028	SF	>25,000 To 50,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.56	
01 71 23 16-0029	SF	>50,000 To 100,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.45	
01 71 23 16-0030	SF	>100,000 To 250,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.35	
01 71 23 16-0031	SF	>250,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.26	
01 71 23 16-0032		**Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection** *(01 71 23 16-0020)* Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.		
01 71 23 16-0033	EA	Survey Fee, Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection	932.70	
01 71 23 16-0034	SF	Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection	0.06	
01 71 23 16-0035		**Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection** *(01 71 23 16-0020)* Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.		
01 71 23 16-0036	EA	Survey Fee, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	932.70	
01 71 23 16-0037	SF	Up To 5,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.43	
01 71 23 16-0038	SF	>5,000 To 10,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.34	
01 71 23 16-0039	SF	>10,000 To 25,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.26	
01 71 23 16-0040	SF	>25,000 To 50,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.21	
01 71 23 16-0041	SF	>50,000 To 100,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.17	
01 71 23 16-0042	SF	>100,000 To 250,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.13	
01 71 23 16-0043	SF	>250,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.09	
01 71 23 16-0044		**Pavement Structure And Thickness Measurement, GPR Pavement Inspection** *(01 71 23 16-0020)* Note: Each project will use one task for the length of the pavement surveyed.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 23 16-0045	LM	Up To 4 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	6,935.56	
01 71 23 16-0046	LM	>4 To 9 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	3,023.81	
01 71 23 16-0047	LM	>9 To 49 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	2,251.54	
01 71 23 16-0048	LM	>49 To 99 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	1,229.30	
01 71 23 16-0049	LM	>99 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	966.28	
01 71 23 16-0050		Pavement Thickness Contour (Mapping), GPR Pavement Inspection *(01 71 23 16-0020)*		
		Note: Each project will use one task for the length of the pavement surveyed.		
01 71 23 16-0051	LM	Up To 4 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	8,825.21	
01 71 23 16-0052	LM	>4 To 9 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	4,150.52	
01 71 23 16-0053	LM	>9 To 49 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	3,152.53	
01 71 23 16-0054	LM	>49 To 99 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	1,766.53	
01 71 23 16-0055	LM	>99 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	1,397.18	
01 71 23 16-0056		Pavement Void Detection (Mapping), GPR Pavement Inspection *(01 71 23 16-0020)*		
		Note: Each project will use one task for the length of the pavement surveyed.		
01 71 23 16-0057	LM	Up To 4 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	10,479.82	
01 71 23 16-0058	LM	>4 To 9 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	5,135.45	
01 71 23 16-0059	LM	>9 To 49 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	3,939.72	
01 71 23 16-0060	LM	>49 To 99 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	2,236.61	
01 71 23 16-0061	LM	>99 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	1,772.13	
01 71 23 16-0062		Drone Survey (Extreme Aerial Productions) *(01 71 23 16)*		
		Note: Thermographic services to electrical line grid inspections.		
01 71 23 16-0063		Mobilization For Drone Surveying *(01 71 23 16-0062)*		
01 71 23 16-0064	EA	Mobilization For Up To 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	250.74	
01 71 23 16-0065	EA	Mobilization For > 1000 Acres Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	626.85	
01 71 23 16-0066	EA	Mobilization For Up To 400 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Hexacopter	167.16	
01 71 23 16-0067	EA	Mobilization For Drone Road Survey For Topography/Progression/Inspection	334.32	
01 71 23 16-0068	EA	Mobilization For Drone Survey Stockpile	167.16	
01 71 23 16-0069	EA	Mobilization For Drone Inspection	167.16	
01 71 23 16-0070	EA	Mobilization For Qualitative Drone Thermal Inspection	334.32	
01 71 23 16-0071	EA	Mobilization For Quantitative Drone Thermal Inspection	417.90	
01 71 23 16-0072	EA	Mobilization For Drone Agricultural Multispectral Survey	668.64	
01 71 23 16-0073	EA	Mobilization For Drone Building Inspection/Scan/Thermal	501.48	
01 71 23 16-0074	EA	Mobilization For Drone 3D Modelling	417.90	
01 71 23 16-0075	EA	Mobilization For Drone Spraying Crops Or Sanitation	752.22	
01 71 23 16-0076	EA	Mobilization For Drone Video Progression/Marketing	167.16	
01 71 23 16-0077	EA	Mobilization For Drone Pictures Progression/Marketing	167.16	
01 71 23 16-0078	EA	Mobilization For Drone Training, Flying, Test Prep, Equipment Checks	167.16	
01 71 23 16-0079	EA	Mobilization For Drone Accident Reconstruction	167.16	
01 71 23 16-0080	EA	Mobilization For Drone Landfill Survey	250.74	
01 71 23 16-0081	EA	Mobilization For Drone Event Security Using Tethered Drones	334.32	
01 71 23 16-0082	EA	Mobilization For Drone Emergency Response	835.80	
01 71 23 16-0083	EA	Mobilization For Drone Cell Tower Inspection	250.74	
01 71 23 16-0084		Drone Surveying *(01 71 23 16-0062)*		
01 71 23 16-0085	HR	Up To 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	610.13	
		Note: 3 hour minimum		
		For Visual Observation, Add	*167.16*	
		For Additional Manpower, Add	*167.16*	
01 71 23 16-0086	HR	> 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	777.29	
		For Visual Observation, Add	*250.74*	
		For Additional Manpower, Add	*200.59*	
01 71 23 16-0087	HR	Up To 400 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Hexacopter	501.48	
		Note: 3 hour minimum		
		For Visual Observation, Add	*167.16*	
		For Additional Manpower, Add	*167.16*	
01 71 23 16-0088	HR	Drone Road Survey For Topography/Progression/Inspection	585.06	
		Note: 3 hour minimum		
		For Visual Observation, Add	*250.74*	
		For Additional Manpower, Add	*167.16*	
01 71 23 16-0089	HR	Drone Survey Stockpile	417.90	
		Note: 3 hour minimum		
		For Visual Observation, Add	*167.16*	
		For Additional Manpower, Add	*167.16*	
01 71 23 16-0090	HR	Drone Inspection	585.06	
		Note: 3 hour minimum		
		For Visual Observation, Add	*167.16*	
		For Additional Manpower, Add	*167.16*	
01 71 23 16-0091	HR	Qualitative Drone Thermal Inspection	668.64	
		Note: 5 hour minimum		
		For Visual Observation, Add	*250.74*	
		For Additional Manpower, Add	*167.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 23 16-0092	HR	Quantitative Drone Thermal Inspection	1,002.96	
		Note: 5 hour minimum		
		For Visual Observation, Add	*250.74*	
		For Additional Manpower, Add	*167.16*	
01 71 23 16-0093	HR	Drone Agricultural Multispectral Survey	752.22	
		Note: 6 hour minimum		
		For Visual Observation, Add	*167.16*	
		For Additional Manpower, Add	*167.16*	
01 71 23 16-0094	HR	Drone Building Inspection/Scan/Thermal	668.64	
		Note: 3 hour minimum		
		For Visual Observation, Add	*250.74*	
		For Additional Manpower, Add	*167.16*	
01 71 23 16-0095	HR	Drone 3D Modelling	501.48	
		Note: 3 hour minimum		
		For Visual Observation, Add	*250.74*	
		For Additional Manpower, Add	*167.16*	
01 71 23 16-0096	HR	Drone Spraying Crops Or Sanitation	668.64	
		Note: 3 hour minimum		
		For Visual Observation, Add	*208.95*	
		For Additional Manpower, Add	*167.16*	
01 71 23 16-0097	HR	Drone Video Progression/Marketing	334.32	
		Note: 2 hour minimum		
		For Visual Observation, Add	*167.16*	
		For Additional Manpower, Add	*167.16*	
01 71 23 16-0098	HR	Drone Pictures Progression/Marketing	250.74	
		Note: 2 hour minimum		
		For Visual Observation, Add	*167.16*	
		For Additional Manpower, Add	*167.16*	
01 71 23 16-0099	HR	Drone Training, Flying, Test Prep, Equipment Checks	501.48	
		Note: 3 hour minimum		
01 71 23 16-0100	HR	Drone Accident Reconstruction	752.22	
		Note: 2 hour minimum		
		For Visual Observation, Add	*167.16*	
		For Additional Manpower, Add	*167.16*	
01 71 23 16-0101	HR	Drone Landfill Survey	610.13	
		Note: 3 hour minimum		
		For Visual Observation, Add	*167.16*	
		For Additional Manpower, Add	*167.16*	
01 71 23 16-0102	HR	Drone Event Security Using Tethered Drones	417.90	
		Note: 3 hour minimum		
		For Visual Observation, Add	*167.16*	
		For Additional Manpower, Add	*167.16*	
01 71 23 16-0103	HR	Drone Emergency Response	417.90	
		Note: 3 hour minimum		
		For Visual Observation, Add	*250.74*	
		For Additional Manpower, Add	*167.16*	
01 71 23 16-0104	HR	Drone Cell Tower Inspection	417.90	
		Note: 3 hour minimum		
		For Visual Observation, Add	*208.95*	
		For Additional Manpower, Add	*167.16*	

01 71 23 16-0105 Utilization And Deliverables For Drone Surveying *(01 71 23 16-0062)*

01 71 23 16-0106	Day	Utilization Of GPS Ground Control For Drone Surveying	417.90	
01 71 23 16-0107	Day	Utilization Of GPS Base Station Per Day For Drone Surveying	417.90	
01 71 23 16-0108	HR	Processing And Data Deliverables And Reporting For Drone Surveying	167.16	
		Note: 2 hour minimum		
01 71 23 16-0109	HR	Processing And Data Deliverables And Reporting Of Thermal For Drone Surveying	334.32	
		Note: 3 hour minimum		

01 71 23 16-0110 Travel, Waivers, And Editing For Drone Surveying *(01 71 23 16-0062)*

01 71 23 16-0111	MI	Travel Over 100 Miles For Drone Surveying	0.96	
		Note: For additional miles over 100		
01 71 23 16-0112	EA	Overnight Stay Per Person For Drone Surveying	208.95	
01 71 23 16-0113	EA	Waiver Utilization B, C, D, And E For Drone Surveying	83.58	
		Note: Restricted airspace		
01 71 23 16-0114	EA	Night Waiver For Drone Surveying	108.65	
01 71 23 16-0115	EA	Flying Over People Waiver For Drone Surveying	167.16	
01 71 23 16-0116	EA	Beyond Visual Line Of Sight (BVLOS) Waiver For Drone Surveying	835.80	
01 71 23 16-0117	HR	Editing Video For Drone Surveying	167.16	
		Note: 2 hour minimum		
01 71 23 16-0118	HR	Editing Pictures For Drone Surveying	83.58	
		Note: 2 hour minimum		
01 71 23 16-0119	HR	Custom Post Processing For Drone Surveying	250.74	
		Note: 3 hour minimum		

01 71 36 Non-Destructive Concrete Examination *(01 71)*

01 71 36 00-0001 Electromagnetic Survey *(01 71 36)*

Note: To locate voids, prior to moving heavy machinery to an area of concern, to locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt, to locate underground utilities, underground storage tanks, etc. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR).

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 71 36 00-0002 Electromagnetic (SIR/GPR) Survey *(01 71 36 00-0001)*

01 71 36 00-0003	EA	Up To 1 Hour On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,078.92	
01 71 36 00-0004	EA	>1 To 4 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,618.38	
01 71 36 00-0005	EA	>4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	3,236.76	

01 71 36 00-0006 Reports And Mapping For Electromagnetic (SIR/GPR) Surveys *(01 71 36 00-0001)*

01 71 36 00-0007	EA	Standard Report For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes a detailed description of the scope of work, inspection methods, and equipment used. Also includes visuals such as site locations, images of data, and site photos.	359.64	
01 71 36 00-0008	EA	GPS Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes GPS coordinates of located items and reference items.	719.28	
01 71 36 00-0009	EA	CAD Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes additions to the owner provided CAD drawing.	1,618.38	

01 74 Cleaning and Waste Management *(01 70)*

01 74 13 Progress Cleaning *(01 74)*

Note: For use on existing areas other than where actual work is to be performed where ordered by the owner. Daily cleanup and final cleanup is included in the contractor's adjustment factor.

01 74 13 00-0001 General *(01 74 13)*

01 74 13 00-0002	CSF	Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent	22.40	
01 74 13 00-0003	CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed.	26.23	

01 74 16 Site Maintenance *(01 74)*

01 74 16 00-0001 Parking Lot, Roads And Pathway Maintenance *(01 74 16)*

Note: These tasks shall be used for maintenance of existing roads and walks only as requested by the owner. Tasks not to be used in conjunction with related installation/demolition tasks in the Construction Task Catalog®.

01 74 16 00-0002 Parking Lot, Road, And Street Sweeping *(01 74 16 00-0001)*

01 74 16 00-0003	MSF	Sweep Parking Lot, With Street Sweeper	23.06	
01 74 16 00-0004	MSF	Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads	27.67	

01 74 16 00-0005 Runway Sweeping *(01 74 16 00-0001)*

01 74 16 00-0006	MSF	Sweep Runway, With Street Sweep	34.58	

01 74 19 Construction Waste Management and Disposal *(01 74)*

Note: Tasks in this section shall be used as directed by owner.

01 74 19 00-0001 Debris Chutes *(01 74 19)*

Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.

01 74 19 00-0002 Steel Temporary Debris Chutes *(01 74 19 00-0001)*

01 74 19 00-0003	LF	18" Diameter, Steel Temporary Debris Chute	36.58	
01 74 19 00-0004	LF	30" Diameter, Steel Temporary Debris Chute	56.14	

01 74 19 00-0005 Plastic Temporary Debris Chutes *(01 74 19 00-0001)*

01 74 19 00-0006	LF	24" Diameter, Plastic Temporary Debris Chute	14.50	
		For Steel Liner, Add		*2.92*
01 74 19 00-0007	LF	30" Diameter, Plastic Temporary Debris Chute	16.63	
		For Steel Liner, Add		*3.35*
01 74 19 00-0008	LF	36" Diameter, Plastic Temporary Debris Chute	18.75	
		For Steel Liner, Add		*3.78*

01 74 19 00-0009 Wood Temporary Debris Chutes *(01 74 19 00-0001)*

01 74 19 00-0010	LF	4' x 4', Wood Temporary Debris Chute Note: Includes fabrication and installation.	29.47	

01 74 19 00-0011 Construction Dumpsters Rental *(01 74 19)*

Note: Includes service to delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Use modifier for excess tons up to legal state limit. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides and pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.

01 74 19 00-0012	EA	10 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	614.99	
01 74 19 00-0013	EA	15 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	662.49	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 19 00-0014	EA	20 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	720.00	
01 74 19 00-0015	EA	30 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	814.97	
01 74 19 00-0016	EA	40 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	914.97	
01 74 19 00-0017	EA	10 CY Low-Boy Dumpster "Concrete Or Asphalt Only" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.	802.56	
01 74 19 00-0018		Concrete Washout Service *(01 74 19)*		
01 74 19 00-0019	MO	Rampless Concrete Washout Bin Note: Includes delivery.	619.62	
01 74 19 00-0020	MO	Ramped Concrete Washout Bin Note: Includes delivery.	743.55	
01 74 19 00-0021	EA	Interim Vacuum Service, Concrete Washout Bin Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.	594.45	
01 74 19 00-0022	EA	Vacuum, Pickup, Swap And Dump, Concrete Washout Bin Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.	1,287.98	
01 74 19 00-0023		Debris Processing Fee *(01 74 19)*		
01 74 19 00-0024		Material Recycling Fees *(01 74 19 00-0023)* Note: Not to be used with Dumpster Tasks which includes the Landfill Dump Fee. Excludes hauling.		
01 74 19 00-0025	CY	Drop-Off Asphalt At Recycling Center	15.43	
01 74 19 00-0026	CY	Drop-Off Non Reinforced Concrete At Recycling Center	20.67	
01 74 19 00-0027	CY	Drop-Off Reinforced Concrete At Recycling Center	31.00	
01 74 19 00-0028	CY	Drop-Off Brick Or Block At Recycling Center	26.87	
01 74 19 00-0029	CY	Drop-Off Dirt At Recycling Center	29.97	
01 74 19 00-0030	CY	Drop-Off Dimensional Lumber At Recycling Center	28.94	
01 74 19 00-0031		Landfill Dump Fees *(01 74 19 00-0023)* Note: Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling.		
01 74 19 00-0032	CY	Traditional Building Construction Materials Landfill Dump Fee	13.75	
01 74 19 00-0033	TON	Traditional Building Construction Materials, Landfill Dump Fee	59.94	
01 74 19 00-0034	CY	Trees, Stumps And Brush, Landfill Dump Fee	16.56	
01 74 19 00-0035	CY	Hazardous Materials And Rubbish Landfill Dump Fee Note: Includes regulated waste such as paint cans, refrigerators/freezers, air conditioners, smoke detectors, batteries, etc.	39.48	
01 74 19 00-0036	TON	Dump, Transfer Station Fee For Mixed Material	97.25	
01 74 19 00-0037	CY	Non Reinforced Concrete And/Or Rock, 2" Minus	4.20	
01 74 19 00-0038	CY	Reinforced Concrete And/Or Rock, 2" Minus, Rebar Trimmed To 1"	5.85	
01 74 19 00-0039	CY	Reinforced Concrete not trimmed, 2" Minus	10.40	
01 74 19 00-0040	CY	Mixed Asphalt And Concrete, Sized And Trimmed	7.40	
01 74 19 00-0041	CY	Asphalt Or Asphalt And Dirt, Sized To 2" Minus	5.85	
01 74 19 00-0042	CY	Reinforced Concrete And Asphalt, Not Trimmed, 2" Minus	12.50	
01 74 19 00-0043	CY	Clean Dirt (No Grass, Weeds, Roots, Plants, Trash)	49.32	
01 74 19 00-0044	CY	Clay Loads, Expansive Materials	61.64	
01 74 19 00-0045	CY	Clean Asphalt, Sized 2" Minus, No Dirt	8.81	
01 74 19 00-0046	TON	General Refuse	73.97	
01 74 19 00-0047	EA	Tires	22.60	
01 74 19 00-0048		Hauling *(01 74 19)* Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM. Use both hauling tasks for distances greater than 15 miles. To haul 28 CY to a site 32 miles away, the quantity for the task to haul the first 15 miles is calculated: 15 miles x 28 CY = 420 CYM. The quantity for the additional hauling task over the first 15 miles is calculated: 32 total miles less 15 initial miles equals 17 miles x 28 CY = 476 CYM.		
01 74 19 00-0049	CYM	Hauling Up To 15 Miles	1.27	
01 74 19 00-0050	CYM	Hauling, Miles Over Initial 15 Miles	0.95	
01 74 23		**Final Cleaning** *(01 74)*		
01 74 23 00-0001		Cleaning Of Glass *(01 74 23)*		
01 74 23 00-0002	CSF	Cleaning Of Existing Glass Surfaces	30.44	

01 90 Life Cycle Activities *(01)*

01 91 Commissioning *(01 90)*

01 91 13 General Commissioning Requirements *(01 91)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 91 13 00-0001		Commissioning Of Systems *(01 91 13)* Note: For use with commissioning of mechanical and electrical systems.		
01 91 13 00-0002	HR	Commissioning - Fire Protection Sprinkler Systems	213.58	
01 91 13 00-0003	HR	Commissioning - Plumbing Systems	214.13	
01 91 13 00-0004	HR	Commissioning - HVAC/Mechanical Systems	240.89	
01 91 13 00-0005	HR	Commissioning - Electrical/Fire Alarms/Security Systems	240.37	

END OF SECTION 01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 Existing Conditions

02 20 Assessment *(02)*

02 25 Existing Material Assessment *(02 20)*

02 25 16 Existing Concrete, Masonry or Asphalt Assessment *(02 25)*

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 25 16 13 Concrete Assessment Drilling *(02 25 16)*

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 30 Subsurface Investigation *(02)*

02 32 Geotechnical Investigations *(02 30)*

02 32 13 Subsurface Drilling and Sampling *(02 32)*

See CSI section 01 45 23 00-0000 for testing and lab reports.

02 32 13 00-0001 Mobilization Of Drilling Crew *(02 32 13)*

02 32 13 00-0002	EA	Mobilization Of Drilling Crew	1,201.39

02 32 13 00-0003 Auger Borings *(02 32 13)*

02 32 13 00-0004	LF	Standard Auger Hole With Split Spoon Sample At 5' Intervals	36.19

02 32 13 00-0005 Cased Borings In Earth, With Samples *(02 32 13)*

Note: All types of soils.

02 32 13 00-0006	LF	2-1/2" Diameter Cased Borings In Earth, With Samples	92.29
02 32 13 00-0007	LF	4" Diameter Cased Borings In Earth, With Samples	157.83

02 32 13 00-0008 Drilling In Rock, BW Core (2.125") *(02 32 13)*

02 32 13 00-0009	LF	Drill In Rock, BW Core, With Casing Note: Includes sampling.	97.67
02 32 13 00-0010	EA	Drill In Rock, With BW Core Boxes	9.21

02 32 13 00-0011 Drilling In Rock, NW Core (2.98") *(02 32 13)*

02 32 13 00-0012	LF	Drill In Rock, NW Core, With Casing Note: Includes sampling.	126.29
02 32 13 00-0013	EA	Drill In Rock, With NW Core Boxes	10.59

02 32 13 00-0014 Test Pits For Boring Activities *(02 32 13)*

Note: Excludes backfill. See CSI section 31 23 16 36-0016 for backfill.

02 32 13 00-0015 Backhoe Dug Test Pits *(02 32 13 00-0014)*

02 32 13 00-0016	CY	Excavation For Test Pit, Light Material, Backhoe Excavation	68.92
02 32 13 00-0017	CY	Excavation For Test Pits, Medium Material, Backhoe Excavation	80.41
02 32 13 00-0018	CY	Excavation For Test Pit, Heavy Material, Backhoe Excavation	107.22

02 32 13 00-0019 Hand-Dug Test Pits *(02 32 13 00-0014)*

02 32 13 00-0020	CY	Excavation For Test Pit, Light Soil, Hand Excavation	198.88
02 32 13 00-0021	CY	Excavation For Test Pit, Heavy Soil, Hand Excavation	357.99

02 32 13 00-0022 Shelby Tube Sampling *(02 32 13)*

02 32 13 00-0023	EA	Shelby Tube Sampling	51.96
02 32 13 00-0024	EA	Penetration Test	42.33

02 32 13 00-0025 Grouting *(02 32 13)*

02 32 13 00-0026	VLF	Boreholes	9.85

02 32 19 Exploratory Excavations *(02 32)*

02 32 19 00-0001 Hydro Excavation *(02 32 19)*

Note: Assumes on-site disposal.

02 32 19 00-0002	EA	Hydro Excavation, Mobilization/Demobilization	170.58
02 32 19 00-0003	EA	Hydro Excavation, Minimum Charge Note: For projects where the total charge is less than the "Hydro Excavation Minimum" cost, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	682.33
02 32 19 00-0004	CY	Hydro Excavation, Normal Soil Conditions (Hydro-Vac Truck) Note: Normal soil conditions consist of silt, sand and gravel.	37.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 32 19 00-0005	CY	Hydro Excavation, Adverse Soil Conditions (Hydro-Vac Truck) Note: Adverse soil conditions consist of clay, glacial till and rocks.	60.65	

02 40 Demolition and Structure Moving *(02)*

02 41 Demolition *(02 40)*

02 41 13 Selective Site Demolition *(02 41)*

02 41 13 13 Paving Removal *(02 41 13)*

Note: Includes break-up of material, loading into truck or dumpster and clean-up. Salvage tasks include placement on pallets and storage on site.

02 41 13 13-0001 By Machine, Break-up And Leave In Place Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0059 for saw cutting.

02 41 13 13-0002	SY	Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving	7.22	
		For >500 To 1,000, Deduct		*-0.72*
		For >1,000 To 2,500, Deduct		*-1.30*
		For >2,500 To 5,000, Deduct		*-1.88*
		For >5,000 To 10,000, Deduct		*-2.45*
		For >10,000, Deduct		*-3.03*
02 41 13 13-0003	SY	>3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving	10.83	
		For >500 To 1,000, Deduct		*-1.08*
		For >1,000 To 2,500, Deduct		*-1.95*
		For >2,500 To 5,000, Deduct		*-2.82*
		For >5,000 To 10,000, Deduct		*-3.68*
		For >10,000, Deduct		*-4.55*
02 41 13 13-0004	SY	>6" To 8" By Machine, Break-up And Leave In Place Bituminous Paving	14.44	
		For >500 To 1,000, Deduct		*-1.44*
		For >1,000 To 2,500, Deduct		*-2.60*
		For >2,500 To 5,000, Deduct		*-3.75*
		For >5,000 To 10,000, Deduct		*-4.91*
		For >10,000, Deduct		*-6.06*
02 41 13 13-0005	SY	Up To 3" By Machine, Break-up And Leave In Place Concrete Paving	14.09	
		For >500 To 1,000, Deduct		*-1.41*
		For >1,000 To 2,500, Deduct		*-2.54*
		For >2,500 To 5,000, Deduct		*-3.66*
		For >5,000 To 10,000, Deduct		*-4.79*
		For >10,000, Deduct		*-5.92*
02 41 13 13-0006	SY	>3" To 6" By Machine, Break-up And Leave In Place Concrete Paving	19.90	
		For >500 To 1,000, Deduct		*-1.99*
		For >1,000 To 2,500, Deduct		*-3.58*
		For >2,500 To 5,000, Deduct		*-5.17*
		For >5,000 To 10,000, Deduct		*-6.77*
		For >10,000, Deduct		*-8.36*
02 41 13 13-0007	SY	>6" To 9" By Machine, Break-up And Leave In Place Concrete Paving	28.18	
		For >500 To 1,000, Deduct		*-2.82*
		For >1,000 To 2,500, Deduct		*-5.07*
		For >2,500 To 5,000, Deduct		*-7.33*
		For >5,000 To 10,000, Deduct		*-9.58*
		For >10,000, Deduct		*-11.84*
02 41 13 13-0008	SY	>9" To 14" By Machine, Break-up And Leave In Place Concrete Paving	39.78	
		For >500 To 1,000, Deduct		*-3.98*
		For >1,000 To 2,500, Deduct		*-7.16*
		For >2,500 To 5,000, Deduct		*-10.34*
		For >5,000 To 10,000, Deduct		*-13.53*
		For >10,000, Deduct		*-16.71*
02 41 13 13-0009	SY	>14" To 19" By Machine, Break-up And Leave In Place Concrete Paving	52.02	
		For >500 To 1,000, Deduct		*-5.20*
		For >1,000 To 2,500, Deduct		*-9.36*
		For >2,500 To 5,000, Deduct		*-13.53*
		For >5,000 To 10,000, Deduct		*-17.69*
		For >10,000, Deduct		*-21.85*
02 41 13 13-0010	SY	>19" To 24" By Machine, Break-up And Leave In Place Concrete Paving	67.63	
		For >500 To 1,000, Deduct		*-6.76*
		For >1,000 To 2,500, Deduct		*-12.17*
		For >2,500 To 5,000, Deduct		*-17.58*
		For >5,000 To 10,000, Deduct		*-22.99*
		For >10,000, Deduct		*-28.40*

02 41 13 13-0011 By Hand, Break-up And Leave In Place Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles with jackhammer and hand tools. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0036 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0059 for saw cutting.

02 41 13 13-0012	SF	Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving	1.81
02 41 13 13-0013	SF	>3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving	2.30
02 41 13 13-0014	SF	>6" To 8" By Hand, Break-up And Leave In Place Bituminous Paving	3.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0015	SF	Up To 3" By Hand, Break-up And Leave In Place Concrete Paving	2.27	
02 41 13 13-0016	SF	>3" To 6" By Hand, Break-up And Leave In Place Concrete Paving	2.89	
02 41 13 13-0017	SF	>6" To 8" By Hand, Break-up And Leave In Place Concrete Paving	3.80	

02 41 13 13-0018 By Machine, Break-up And Remove Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0059 for saw cutting.

02 41 13 13-0019	SY	Up To 3" By Machine, Break-up And Remove Bituminous Paving	15.73	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*4.72*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*7.87*	
		For >500 To 1,000, Deduct	*-1.57*	
		For >1,000 To 2,500, Deduct	*-2.83*	
		For >2,500 To 5,000, Deduct	*-4.09*	
		For >5,000 To 10,000, Deduct	*-5.35*	
		For >10,000, Deduct	*-6.61*	
02 41 13 13-0020	SY	>3" To 6" By Machine, Break-up And Remove Bituminous Paving	21.47	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*6.44*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*10.74*	
		For >500 To 1,000, Deduct	*-2.15*	
		For >1,000 To 2,500, Deduct	*-3.86*	
		For >2,500 To 5,000, Deduct	*-5.58*	
		For >5,000 To 10,000, Deduct	*-7.30*	
		For >10,000, Deduct	*-9.02*	
02 41 13 13-0021	SY	>6" To 9" By Machine, Break-up And Remove Bituminous Paving	29.79	
		For Elevated Slab, Add	*14.90*	
		For >500 To 1,000, Deduct	*-2.98*	
		For >1,000 To 2,500, Deduct	*-5.36*	
		For >2,500 To 5,000, Deduct	*-7.75*	
		For >5,000 To 10,000, Deduct	*-10.13*	
		For >10,000, Deduct	*-12.51*	
02 41 13 13-0022	SY	>9" To 12" By Machine, Break-up And Remove Bituminous Paving	38.87	
		For Elevated Slab, Add	*19.44*	
		For >500 To 1,000, Deduct	*-3.89*	
		For >1,000 To 2,500, Deduct	*-7.00*	
		For >2,500 To 5,000, Deduct	*-10.11*	
		For >5,000 To 10,000, Deduct	*-13.22*	
		For >10,000, Deduct	*-16.33*	
02 41 13 13-0023	SY	>12" To 15" By Machine, Break-up And Remove Bituminous Paving	54.11	
		For Elevated Slab, Add	*27.06*	
		For >500 To 1,000, Deduct	*-5.41*	
		For >1,000 To 2,500, Deduct	*-9.74*	
		For >2,500 To 5,000, Deduct	*-14.07*	
		For >5,000 To 10,000, Deduct	*-18.40*	
		For >10,000, Deduct	*-22.73*	
02 41 13 13-0024	SY	>15" To 18" By Machine, Break-up And Remove Bituminous Paving	74.40	
		For Elevated Slab, Add	*37.20*	
		For >500 To 1,000, Deduct	*-7.44*	
		For >1,000 To 2,500, Deduct	*-13.39*	
		For >2,500 To 5,000, Deduct	*-19.34*	
		For >5,000 To 10,000, Deduct	*-25.30*	
		For >10,000, Deduct	*-31.25*	
02 41 13 13-0025	SY	Up To 3" By Machine, Break-up And Remove Non Reinforced Concrete Paving	18.09	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*5.43*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*9.05*	
		For >500 To 1,000, Deduct	*-1.81*	
		For >1,000 To 2,500, Deduct	*-3.26*	
		For >2,500 To 5,000, Deduct	*-4.70*	
		For >5,000 To 10,000, Deduct	*-6.15*	
		For >10,000, Deduct	*-7.60*	
02 41 13 13-0026	SY	>3" To 6" By Machine, Break-up And Remove Non Reinforced Concrete Paving	23.67	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*7.10*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*11.84*	
		For >500 To 1,000, Deduct	*-2.37*	
		For >1,000 To 2,500, Deduct	*-4.26*	
		For >2,500 To 5,000, Deduct	*-6.15*	
		For >5,000 To 10,000, Deduct	*-8.05*	
		For >10,000, Deduct	*-9.94*	
02 41 13 13-0027	SY	Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	24.01	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*7.20*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*12.01*	
		For >500 To 1,000, Deduct	*-2.40*	
		For >1,000 To 2,500, Deduct	*-4.32*	
		For >2,500 To 5,000, Deduct	*-6.24*	
		For >5,000 To 10,000, Deduct	*-8.16*	
		For >10,000, Deduct	*-10.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0028	SY	>3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	31.11	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*9.33*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*15.56*	
		For >500 To 1,000, Deduct	*-3.11*	
		For >1,000 To 2,500, Deduct	*-5.60*	
		For >2,500 To 5,000, Deduct	*-8.09*	
		For >5,000 To 10,000, Deduct	*-10.58*	
		For >10,000, Deduct	*-13.07*	
02 41 13 13-0029	SY	>6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	51.57	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*15.47*	
		Note: (Around Existing Structures And Obstructions), Add		
		For Elevated Slab, Add	*25.79*	
		For >500 To 1,000, Deduct	*-5.16*	
		For >1,000 To 2,500, Deduct	*-9.28*	
		For >2,500 To 5,000, Deduct	*-13.41*	
		For >5,000 To 10,000, Deduct	*-17.53*	
		For >10,000, Deduct	*-21.66*	
02 41 13 13-0030	SY	Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	26.04	
		For Elevated Slab, Add	*13.02*	
		For >500 To 1,000, Deduct	*-2.60*	
		For >1,000 To 2,500, Deduct	*-4.69*	
		For >2,500 To 5,000, Deduct	*-6.77*	
		For >5,000 To 10,000, Deduct	*-8.85*	
		For >10,000, Deduct	*-10.94*	
02 41 13 13-0031	SY	>3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	33.48	
		For Elevated Slab, Add	*16.74*	
		For >500 To 1,000, Deduct	*-3.35*	
		For >1,000 To 2,500, Deduct	*-6.03*	
		For >2,500 To 5,000, Deduct	*-8.70*	
		For >5,000 To 10,000, Deduct	*-11.38*	
		For >10,000, Deduct	*-14.06*	
02 41 13 13-0032	SY	>6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	59.85	
		For Elevated Slab, Add	*29.93*	
		For >500 To 1,000, Deduct	*-5.99*	
		For >1,000 To 2,500, Deduct	*-10.77*	
		For >2,500 To 5,000, Deduct	*-15.56*	
		For >5,000 To 10,000, Deduct	*-20.35*	
		For >10,000, Deduct	*-25.14*	
02 41 13 13-0033	SY	>9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	78.12	
		For Elevated Slab, Add	*39.06*	
		For >500 To 1,000, Deduct	*-7.81*	
		For >1,000 To 2,500, Deduct	*-14.06*	
		For >2,500 To 5,000, Deduct	*-20.31*	
		For >5,000 To 10,000, Deduct	*-26.56*	
		For >10,000, Deduct	*-32.81*	
02 41 13 13-0034	SY	>14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	102.13	
		For Elevated Slab, Add	*51.07*	
		For >500 To 1,000, Deduct	*-10.21*	
		For >1,000 To 2,500, Deduct	*-18.38*	
		For >2,500 To 5,000, Deduct	*-26.55*	
		For >5,000 To 10,000, Deduct	*-34.72*	
		For >10,000, Deduct	*-42.89*	
02 41 13 13-0035	SY	>19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	123.94	
		For Elevated Slab, Add	*61.97*	
		For >500 To 1,000, Deduct	*-12.39*	
		For >1,000 To 2,500, Deduct	*-22.31*	
		For >2,500 To 5,000, Deduct	*-32.22*	
		For >5,000 To 10,000, Deduct	*-42.14*	
		For >10,000, Deduct	*-52.05*	

02 41 13 13-0036 By Hand, Break-up And Remove Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0059 for saw cutting.

02 41 13 13-0037	SF	Up To 3" By Hand, Break-up And Remove Bituminous Paving	4.05	
02 41 13 13-0038	SF	>3" To 6" By Hand, Break-up And Remove Bituminous Paving	5.32	
02 41 13 13-0039	SF	>6" To 8" By Hand, Break-up And Remove Bituminous Paving	6.92	
02 41 13 13-0040	SF	Up To 3" By Hand, Break-up And Remove Concrete Paving	5.05	
02 41 13 13-0041	SF	>3" To 6" By Hand, Break-up And Remove Concrete Paving	6.99	
02 41 13 13-0042	SF	>6" To 8" By Hand, Break-up And Remove Concrete Paving	8.94	
02 41 13 13-0043	SF	Up To 3" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	7.09	
02 41 13 13-0044	SF	>3" To 6" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	9.77	
02 41 13 13-0045	SF	>6" To 8" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving	12.52	

02 41 13 13-0046 Grind Concrete *(02 41 13 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0047	EA	Grind Existing Sidewalks, Up To 1/2" Depth, To Remove Ridges (Tripping Hazard) Note: For each location up to 5' wide, feather up to 12" each direction.	199.81	
		For >1/2" To 1" Depth Of Grinding, Add	*29.97*	
		For >1" To 1-1/2" Depth Of Grinding, Add	*49.95*	
		For Up To 5, Add	*39.96*	
		For >5 To 10, Add	*19.98*	
		For >25 To 50, Deduct	*-19.98*	
		For >50 To 250, Deduct	*-29.97*	
		For >250, Deduct	*-39.96*	
		For Sidewalks >5', Add	*19.98*	
		For Up To 12" Additional Feathering Per Side, Add	*19.98*	

02 41 13 15 Hydro Demolition *(02 41 13)*

02 41 13 15-0001 Hydro Demolition Of Concrete Pavement *(02 41 13 15)*

Note: Includes removal but excludes disposal of concrete.

02 41 13 15-0002	SF	Up To 2" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	7.84
02 41 13 15-0003	SF	>2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	9.79
02 41 13 15-0004	SF	>4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	13.10
02 41 13 15-0005	SF	>6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	26.08

02 41 16 Structure Demolition *(02 41)*

02 41 16 13 Building Demolition *(02 41 16)*

02 41 16 13-0001 Building Interior Demolition *(02 41 16 13)*

Note: Gutted and placed in truck or dumpsters. Based on overall floor area including space under demolished walls. Includes all soft stripping of materials (doors and frames, non-load bearing walls, carpet, moldings, drywall, tile, ceiling, ductwork, piping, light fixtures, etc.), accessible mechanical, electrical, plumbing, overhead sprinkler, fire protection and similar systems. Excludes lead, asbestos or other contaminates or load bearing walls, mechanical, plumbing or electrical equipment such as furnaces, water heaters, plumbing fixtures, sump pumps, switchgear or panel boards. Excludes hauling, dump fees, recycling charges, and/or salvage value.

02 41 16 13-0002	GSF	Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	7.88
02 41 16 13-0003	GSF	Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	11.92
02 41 16 13-0004	GSF	>2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	9.76
02 41 16 13-0005	GSF	>10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	8.68

02 41 16 13-0006 Commercial And Residential Structures Demolition *(02 41 16 13)*

Note: Complete demolition of structures. Includes site and building safety preparation, signage, dust control, scattered debris and other site clean-up, demolition equipment, and repair of any damaged adjacent property. Excludes (if required) utility disconnects and capping, underground or above ground storage tank removal, adjacent property protection, adjacent property cleanup, adjacent property work, site paving (asphalt or concrete), recycling fees, gutting/soft stripping (selective removal of materials for reuse) of building, site security, hazardous material abatement (including lead, asbestos, and PCBs), surveys, clearing and grubbing of site, cranes, traffic control, elevator removal, major mechanical equipment such as boilers, chillers, cooling towers, Etc., excavation or backfill, foundations, basement floor, slab-on grade, temporary fencing (installation and removal), hauling, disposal and dump fees for all debris (site and building), earthwork and erosion control. Pricing is by Hundred Cubic Foot (CCF) of complete building volume being demolished. For computing building volume, height is computed at actual floor-to-floor dimensions with attic and basement each computed at half-height, width and length are actual dimensions. Excludes salvage value.

02 41 16 13-0007 Steel Framed Building Demolition *(02 41 16 13-0006)*

Note: Includes masonry partitions and concrete decks.

02 41 16 13-0008	CCF	By Pneumatic Tools/Hand, Steel Framed Building Demolition	73.74
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-5.53*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-11.06*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-16.59*
		For Up To 500, Add	*22.12*
		For >500 To 1,000, Add	*14.75*
		For >1,000 To 2,000, Add	*7.37*
		For Volume Of Area Within 15' To An Adjacent Building, Add	*24.33*
		For No Interior Partitions, Deduct	*-18.44*
02 41 16 13-0009	CCF	By Machine, Steel Framed Building Demolition	46.21
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-3.47*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-6.93*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-10.40*
		For Up To 500, Add	*13.86*
		For >500 To 1,000, Add	*9.24*
		For >1,000 To 2,000, Add	*4.62*
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	*6.93*
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	*11.55*
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	*16.17*
		For Volume Of Area Within 15' To An Adjacent Building, Add	*15.25*
		For No Interior Partitions, Deduct	*-11.55*

02 41 16 13-0010 Reinforced Concrete Building Demolition *(02 41 16 13-0006)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0011	CCF	By Pneumatic Tools/Hand, Reinforced Concrete Building Demolition		92.53
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-6.94*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-13.88*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-20.82*
		For Up To 500, Add		*27.76*
		For >500 To 1,000, Add		*18.51*
		For >1,000 To 2,000, Add		*9.25*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*30.53*
		For No Interior Partitions, Deduct		*-23.13*
02 41 16 13-0012	CCF	By Machine, Reinforced Concrete Building Demolition		61.01
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-4.58*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-9.15*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-13.73*
		For Up To 500, Add		*18.30*
		For >500 To 1,000, Add		*12.20*
		For >1,000 To 2,000, Add		*6.10*
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add		*9.15*
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add		*15.25*
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add		*21.35*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*20.13*
		For No Interior Partitions, Deduct		*-15.25*

02 41 16 13-0013 Masonry Construction Building Demolition *(02 41 16 13-0006)*

02 41 16 13-0014	CCF	By Pneumatic Tools/Hand, Masonry Construction Building Demolition		65.02
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-4.88*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-9.75*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-14.63*
		For Up To 500, Add		*19.51*
		For >500 To 1,000, Add		*13.00*
		For >1,000 To 2,000, Add		*6.50*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*21.46*
		For No Interior Partitions, Deduct		*-16.26*
02 41 16 13-0015	CCF	By Machine, Masonry Construction Building Demolition		41.46
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-3.11*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-6.22*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-9.33*
		For Up To 500, Add		*12.44*
		For >500 To 1,000, Add		*8.29*
		For >1,000 To 2,000, Add		*4.15*
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add		*6.22*
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add		*10.37*
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add		*14.51*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*13.68*
		For No Interior Partitions, Deduct		*-10.37*

02 41 16 13-0016 Wood Frame Construction Building Demolition *(02 41 16 13-0006)*

02 41 16 13-0017	CCF	By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition		56.51
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-4.24*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-8.48*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-12.71*
		For Up To 500, Add		*16.95*
		For >500 To 1,000, Add		*11.30*
		For >1,000 To 2,000, Add		*5.65*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*18.65*
		For No Interior Partitions, Deduct		*-14.13*
02 41 16 13-0018	CCF	By Machine, Wood Frame Construction Building Demolition		35.48
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-2.66*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-5.32*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-7.98*
		For Up To 500, Add		*10.64*
		For >500 To 1,000, Add		*7.10*
		For >1,000 To 2,000, Add		*3.55*
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add		*5.32*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*11.71*
		For No Interior Partitions, Deduct		*-8.87*

02 41 16 13-0019 Sorting Of Material Debris For Recycling Prior To Hauling Off *(02 41 16 13-0006)*

Note: Per building volume.

02 41 16 13-0020	CCF	Sorting Of Material Debris For Recycling Prior To Hauling Off		9.83
		For Up To 500, Add		*2.95*
		For >500 To 1,000, Add		*1.97*
		For >1,000 To 2,000, Add		*0.98*

02 41 16 13-0021 Foundation Demolition *(02 41 16 13)*

Note: Excludes earthwork.

02 41 16 13-0022 Concrete Foundation Demolition *(02 41 16 13-0021)*

02 41 16 13-0023	CF	Non Reinforced Concrete Foundation Demolition		15.08
		For >135 To 405, Deduct		*-1.32*
		For >405 To 810, Deduct		*-2.64*
		For >810 To 2025, Deduct		*-3.77*
		For >2025, Deduct		*-6.03*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0024	CF	Reinforced Concrete Foundation Demolition		18.10
		For >135 To 405, Deduct		*-1.58*
		For >405 To 810, Deduct		*-3.17*
		For >810 To 2025, Deduct		*-4.53*
		For >2025, Deduct		*-7.24*
02 41 16 13-0025		**Concrete Foundation Wall Demolition** *(02 41 16 13-0021)*		
02 41 16 13-0026	SF	4" Thick Non Reinforced Concrete Foundation Wall Demolition		6.46
		For >500 To 2,000, Deduct		*-0.48*
		For >2,000 To 6,000, Deduct		*-1.29*
		For >6,000 To 8,000, Deduct		*-2.26*
		For >8,000, Deduct		*-3.55*
02 41 16 13-0027	SF	6" Thick Non Reinforced Concrete Foundation Wall Demolition		8.62
		For >500 To 2,000, Deduct		*-0.65*
		For >2,000 To 6,000, Deduct		*-1.72*
		For >6,000 To 8,000, Deduct		*-3.02*
		For >8,000, Deduct		*-4.74*
02 41 16 13-0028	SF	8" Thick Non Reinforced Concrete Foundation Wall Demolition		10.77
		For >500 To 2,000, Deduct		*-0.81*
		For >2,000 To 6,000, Deduct		*-2.15*
		For >6,000 To 8,000, Deduct		*-3.77*
		For >8,000, Deduct		*-5.92*
02 41 16 13-0029	SF	10" Thick Non Reinforced Concrete Foundation Wall Demolition		12.93
		For >500 To 2,000, Deduct		*-0.97*
		For >2,000 To 6,000, Deduct		*-2.59*
		For >6,000 To 8,000, Deduct		*-4.53*
		For >8,000, Deduct		*-7.11*
02 41 16 13-0030	SF	12" Thick Non Reinforced Concrete Foundation Wall Demolition		15.08
		For >500 To 2,000, Deduct		*-1.13*
		For >2,000 To 6,000, Deduct		*-3.02*
		For >6,000 To 8,000, Deduct		*-5.28*
		For >8,000, Deduct		*-8.29*
02 41 16 13-0031	SF	16" Thick Non Reinforced Concrete Foundation Wall Demolition		17.23
		For >500 To 2,000, Deduct		*-1.29*
		For >2,000 To 6,000, Deduct		*-3.45*
		For >6,000 To 8,000, Deduct		*-6.03*
		For >8,000, Deduct		*-9.48*
02 41 16 13-0032	SF	4" Thick Reinforced Concrete Foundation Wall Demolition		7.76
		For >500 To 2,000, Deduct		*-0.58*
		For >2,000 To 6,000, Deduct		*-1.55*
		For >6,000 To 8,000, Deduct		*-2.72*
		For >8,000, Deduct		*-4.27*
02 41 16 13-0033	SF	6" Thick Reinforced Concrete Foundation Wall Demolition		10.34
		For >500 To 2,000, Deduct		*-0.78*
		For >2,000 To 6,000, Deduct		*-2.07*
		For >6,000 To 8,000, Deduct		*-3.62*
		For >8,000, Deduct		*-5.69*
02 41 16 13-0034	SF	8" Thick Reinforced Concrete Foundation Wall Demolition		12.93
		For >500 To 2,000, Deduct		*-0.97*
		For >2,000 To 6,000, Deduct		*-2.59*
		For >6,000 To 8,000, Deduct		*-4.53*
		For >8,000, Deduct		*-7.11*
02 41 16 13-0035	SF	10" Thick Reinforced Concrete Foundation Wall Demolition		15.30
		For >500 To 2,000, Deduct		*-1.15*
		For >2,000 To 6,000, Deduct		*-3.06*
		For >6,000 To 8,000, Deduct		*-5.36*
		For >8,000, Deduct		*-8.42*
02 41 16 13-0036	SF	12" Thick Reinforced Concrete Foundation Wall Demolition		18.10
		For >500 To 2,000, Deduct		*-1.36*
		For >2,000 To 6,000, Deduct		*-3.62*
		For >6,000 To 8,000, Deduct		*-6.34*
		For >8,000, Deduct		*-9.96*
02 41 16 13-0037	SF	16" Thick Reinforced Concrete Foundation Wall Demolition		20.68
		For >500 To 2,000, Deduct		*-1.55*
		For >2,000 To 6,000, Deduct		*-4.14*
		For >6,000 To 8,000, Deduct		*-7.24*
		For >8,000, Deduct		*-11.37*
02 41 16 13-0038		**Concrete Block Foundation Wall Demolition** *(02 41 16 13-0021)*		
02 41 16 13-0039	SF	4" Thick Non Reinforced Concrete Block Foundation Wall Demolition		4.74
		For >500 To 2,000, Deduct		*-0.36*
		For >2,000 To 6,000, Deduct		*-0.95*
		For >6,000 To 8,000, Deduct		*-1.66*
		For >8,000, Deduct		*-2.61*
02 41 16 13-0040	SF	6" Thick Non Reinforced Concrete Block Foundation Wall Demolition		5.06
		For >500 To 2,000, Deduct		*-0.38*
		For >2,000 To 6,000, Deduct		*-1.01*
		For >6,000 To 8,000, Deduct		*-1.77*
		For >8,000, Deduct		*-2.78*
02 41 16 13-0041	SF	8" Thick Non Reinforced Concrete Block Foundation Wall Demolition		5.71
		For >500 To 2,000, Deduct		*-0.43*
		For >2,000 To 6,000, Deduct		*-1.14*
		For >6,000 To 8,000, Deduct		*-2.00*
		For >8,000, Deduct		*-3.14*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0042	SF	10" Thick Non Reinforced Concrete Block Foundation Wall Demolition		6.57
		For >500 To 2,000, Deduct		*-0.49*
		For >2,000 To 6,000, Deduct		*-1.31*
		For >6,000 To 8,000, Deduct		*-2.30*
		For >8,000, Deduct		*-3.61*
02 41 16 13-0043	SF	12" Thick Non Reinforced Concrete Block Foundation Wall Demolition		7.33
		For >500 To 2,000, Deduct		*-0.55*
		For >2,000 To 6,000, Deduct		*-1.47*
		For >6,000 To 8,000, Deduct		*-2.57*
		For >8,000, Deduct		*-4.03*
02 41 16 13-0044	SF	16" Thick Non Reinforced Concrete Block Foundation Wall Demolition		9.16
		For >500 To 2,000, Deduct		*-0.69*
		For >2,000 To 6,000, Deduct		*-1.83*
		For >6,000 To 8,000, Deduct		*-3.21*
		For >8,000, Deduct		*-5.04*
02 41 16 13-0045	SF	4" Thick Reinforced Concrete Block Foundation Wall Demolition		5.69
		For >500 To 2,000, Deduct		*-0.43*
		For >2,000 To 6,000, Deduct		*-1.14*
		For >6,000 To 8,000, Deduct		*-1.99*
		For >8,000, Deduct		*-3.13*
02 41 16 13-0046	SF	6" Thick Reinforced Concrete Block Foundation Wall Demolition		6.07
		For >500 To 2,000, Deduct		*-0.46*
		For >2,000 To 6,000, Deduct		*-1.21*
		For >6,000 To 8,000, Deduct		*-2.12*
		For >8,000, Deduct		*-3.34*
02 41 16 13-0047	SF	8" Thick Reinforced Concrete Block Foundation Wall Demolition		6.85
		For >500 To 2,000, Deduct		*-0.51*
		For >2,000 To 6,000, Deduct		*-1.37*
		For >6,000 To 8,000, Deduct		*-2.40*
		For >8,000, Deduct		*-3.77*
02 41 16 13-0048	SF	10" Thick Reinforced Concrete Block Foundation Wall Demolition		7.88
		For >500 To 2,000, Deduct		*-0.59*
		For >2,000 To 6,000, Deduct		*-1.58*
		For >6,000 To 8,000, Deduct		*-2.76*
		For >8,000, Deduct		*-4.33*
02 41 16 13-0049	SF	12" Thick Reinforced Concrete Block Foundation Wall Demolition		8.79
		For >500 To 2,000, Deduct		*-0.66*
		For >2,000 To 6,000, Deduct		*-1.76*
		For >6,000 To 8,000, Deduct		*-3.08*
		For >8,000, Deduct		*-4.83*
02 41 16 13-0050	SF	16" Thick Reinforced Concrete Block Foundation Wall Demolition		10.99
		For >500 To 2,000, Deduct		*-0.82*
		For >2,000 To 6,000, Deduct		*-2.20*
		For >6,000 To 8,000, Deduct		*-3.85*
		For >8,000, Deduct		*-6.04*

02 41 16 13-0051 Brick Foundation Wall Demolition *(02 41 16 13-0021)*

02 41 16 13-0052	SF	4" Thick Brick Foundation Wall Demolition		4.74
		For >500 To 2,000, Deduct		*-0.36*
		For >2,000 To 6,000, Deduct		*-0.95*
		For >6,000 To 8,000, Deduct		*-1.66*
		For >8,000, Deduct		*-2.61*
02 41 16 13-0053	SF	6" Thick Brick Foundation Wall Demolition		5.06
		For >500 To 2,000, Deduct		*-0.38*
		For >2,000 To 6,000, Deduct		*-1.01*
		For >6,000 To 8,000, Deduct		*-1.77*
		For >8,000, Deduct		*-2.78*
02 41 16 13-0054	SF	8" Thick Brick Foundation Wall Demolition		5.71
		For >500 To 2,000, Deduct		*-0.43*
		For >2,000 To 6,000, Deduct		*-1.14*
		For >6,000 To 8,000, Deduct		*-2.00*
		For >8,000, Deduct		*-3.14*
02 41 16 13-0055	SF	10" Thick Brick Foundation Wall Demolition		6.57
		For >500 To 2,000, Deduct		*-0.49*
		For >2,000 To 6,000, Deduct		*-1.31*
		For >6,000 To 8,000, Deduct		*-2.30*
		For >8,000, Deduct		*-3.61*
02 41 16 13-0056	SF	12" Thick Brick Foundation Wall Demolition		7.33
		For >500 To 2,000, Deduct		*-0.55*
		For >2,000 To 6,000, Deduct		*-1.47*
		For >6,000 To 8,000, Deduct		*-2.57*
		For >8,000, Deduct		*-4.03*
02 41 16 13-0057	SF	16" Thick Brick Foundation Wall Demolition		9.16
		For >500 To 2,000, Deduct		*-0.69*
		For >2,000 To 6,000, Deduct		*-1.83*
		For >6,000 To 8,000, Deduct		*-3.21*
		For >8,000, Deduct		*-5.04*

02 41 16 13-0058 Stone Foundation Demolition *(02 41 16 13-0021)*

02 41 16 13-0059	CF	Stone Footing Or Foundation Wall Demolition		15.08
		For >135 To 405, Deduct		*-1.32*
		For >405 To 810, Deduct		*-2.64*
		For >810 To 2025, Deduct		*-3.77*
		For >2025, Deduct		*-6.03*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 41 16 13-0060 Other Foundation Demolition *(02 41 16 13-0021)*

02 41 16 13-0061 CF Concrete Footing For Fence, Gate Or Playground Equipment Post, Etc. Demolition 15.69
Note: Includes excavation.
For >135 To 405, Deduct *-1.37*
For >405 To 810, Deduct *-2.75*
For >810 To 2025, Deduct *-3.92*
For >2025, Deduct *-6.28*

02 41 19 Selective Demolition *(02 41)*

02 41 19 13 Selective Building Demolition *(02 41 19)*

02 41 19 13-0001 Exterior Masonry Removal *(02 41 19 13)*

02 41 19 13-0002 Masonry Columns Removal (Interior And Exterior) *(02 41 19 13-0001)*

02 41 19 13-0003 VLF 8" x 8" Masonry Column Removal 15.03
02 41 19 13-0004 VLF 10" x 10" Masonry Column Removal 23.47
02 41 19 13-0005 VLF 12" x 12" Masonry Column Removal 30.08
02 41 19 13-0006 VLF 14" x 14" Masonry Column Removal 37.65
02 41 19 13-0007 VLF 16" x 16" Masonry Column Removal 46.24
02 41 19 13-0008 CF Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square 25.97

02 41 19 13-0009 Masonry Chimney Removal *(02 41 19 13-0001)*

02 41 19 13-0010 CF Up To 3 CF/VLF Chimney Removal, Per CF Of Masonry Removed 30.47
02 41 19 13-0011 CF >3 To 10 CF/VLF Chimney Removal, Per CF Of Masonry Removed 22.88
02 41 19 13-0012 CF >10 To 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed 17.50
02 41 19 13-0013 CF >20 CF/VLF Chimney Removal, Per CF Of Masonry Removed 12.13

02 41 19 13-0014 Remove And Reset Precast, Stone Or Masonry Coping *(02 41 19 13-0001)*
Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.
02 41 19 13-0015 LF Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping 19.59
02 41 19 13-0016 LF >8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping 29.10
02 41 19 13-0017 LF >12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping 55.25

02 41 19 13-0018 Facade Removal *(02 41 19 13-0001)*
Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.
02 41 19 13-0019 SF Stone Or Brick Veneer Facade Removal 5.71
For Cleaning and Storage For Reuse, Add *8.57*

02 41 19 13-0020 Exterior Masonry Removal *(02 41 19 13-0001)*
Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.
02 41 19 13-0021 SF Demolish 4" Thick Non Reinforced Concrete Block Exterior Wall 5.04
02 41 19 13-0022 SF Demolish 6" Thick Non Reinforced Concrete Block Exterior Wall 5.67
02 41 19 13-0023 SF Demolish 8" Thick Non Reinforced Concrete Block Exterior Wall 6.86
02 41 19 13-0024 SF Demolish 10" Thick Non Reinforced Concrete Block Exterior Wall 7.50
02 41 19 13-0025 SF Demolish 12" Thick Non Reinforced Concrete Block Exterior Wall 8.24
02 41 19 13-0026 SF Demolish 16" Thick Non Reinforced Concrete Block Exterior Wall 10.30
02 41 19 13-0027 SF Demolish 4" Thick Reinforced Concrete Block Exterior Wall 5.95
02 41 19 13-0028 SF Demolish 6" Thick Reinforced Concrete Block Exterior Wall 6.81
02 41 19 13-0029 SF Demolish 8" Thick Reinforced Concrete Block Exterior Wall 8.24
02 41 19 13-0030 SF Demolish 10" Thick Reinforced Concrete Block Exterior Wall 9.01
02 41 19 13-0031 SF Demolish 12" Thick Reinforced Concrete Block Exterior Wall 9.88
02 41 19 13-0032 SF Demolish 16" Thick Reinforced Concrete Block Exterior Wall 12.36
02 41 19 13-0033 SF Demolish 4" Thick Brick Exterior Wall 5.04
For Cleaning and Storage For Reuse, Add *7.56*
02 41 19 13-0034 SF Demolish 6" Thick Brick Exterior Wall 5.67
For Cleaning and Storage For Reuse, Add *8.51*
02 41 19 13-0035 SF Demolish 8" Thick Brick Exterior Wall 6.86
For Cleaning and Storage For Reuse, Add *10.29*
02 41 19 13-0036 SF Demolish 10" Thick Brick Exterior Wall 7.50
For Cleaning and Storage For Reuse, Add *11.25*
02 41 19 13-0037 SF Demolish 12" Thick Brick Exterior Wall 8.24
For Cleaning and Storage For Reuse, Add *12.36*
02 41 19 13-0038 SF Demolish 16" Thick Brick Exterior Wall 10.30
For Cleaning and Storage For Reuse, Add *15.45*
02 41 19 13-0039 CF Exterior Brick, Concrete Block Or Composite Removal 14.64
For Cleaning and Storage For Reuse, Add *21.96*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0040		**Lintel Removal** *(02 41 19 13-0001)* Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.		
02 41 19 13-0041	LF	Demolish Steel Lintel		11.89
02 41 19 13-0042	LF	Demolish Concrete Or Stone Lintel		15.86
02 41 19 13-0043	LF	Demolish Steel Shelf Angle		12.55
02 41 19 13-0044		**Reinstall Lintel** *(02 41 19 13-0001)* Note: Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.		
02 41 19 13-0045	LF	Clean, Prime And Paint Steel Shelf Angle Or Lintel		6.78
02 41 19 13-0046	LF	Reinstall Existing Concrete Or Stone Lintel		15.86
02 41 19 13-0047	LF	Reinstall Existing Steel Shelf Angle Note: Includes fasteners.		45.42
02 41 19 13-0048	LF	Reinstall Existing Steel Lintel		17.62
02 41 19 13-0049	LF	Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls		79.02
02 41 19 13-0050	LF	Removal And Replacement Of Steel Lintel Over Window Openings		151.92
02 41 19 13-0051		**Exterior Concrete Wall Removal** *(02 41 19 13)*		
02 41 19 13-0052	SF	Demolish 4" Thick Reinforced Concrete Exterior Wall		6.72
02 41 19 13-0053	SF	Demolish 6" Thick Reinforced Concrete Exterior Wall		12.17
02 41 19 13-0054	SF	Demolish 8" Thick Reinforced Concrete Exterior Wall		15.30
02 41 19 13-0055	SF	Demolish 10" Thick Reinforced Concrete Exterior Wall		18.05
02 41 19 13-0056	SF	Demolish 12" Thick Reinforced Concrete Exterior Wall		21.33
02 41 19 13-0057		**Elevated Concrete Removal** *(02 41 19 13)*		
02 41 19 13-0058	CF	Elevated Concrete Beam/Slab/Steps Removal, Reinforced		12.89
02 41 19 13-0059		**Saw Cutting** *(02 41 19 13)* Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0060	LF	Bituminous Paving Up To 4" Depth, Saw Cut		2.33
		For Each Additional Pass (Depth To 3"), Add		*0.91*
		For >250, Deduct		*-0.22*
02 41 19 13-0061	LF	Brick Masonry Up To 4" Depth, Saw Cut		8.81
		For Each Additional Pass (Depth To 3"), Add		*3.49*
		For >250, Deduct		*-0.87*
02 41 19 13-0062	LF	Concrete Block Up To 4" Depth, Saw Cut		7.96
		For Each Additional Pass (Depth To 3"), Add		*3.15*
		For >250, Deduct		*-0.78*
02 41 19 13-0063	LF	Non Reinforced Concrete Slab Or Paving Up To 4" Depth, Saw Cut		2.67
		For Each Additional Pass (Depth To 3"), Add		*1.03*
		For >250, Deduct		*-0.25*
02 41 19 13-0064	LF	Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut		3.52
		For Each Additional Pass (Depth To 3"), Add		*1.36*
		For >250, Deduct		*-0.34*
02 41 19 13-0065	LF	Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut		5.84
		For Each Additional Pass (Depth To 3"), Add		*2.29*
		For >250, Deduct		*-0.57*
02 41 19 13-0066	LF	Plain Concrete Walls Up To 4" Depth, Saw Cut		11.27
		For Each Additional Pass (Depth To 3"), Add		*4.47*
		For >250, Deduct		*-1.11*
02 41 19 13-0067	LF	Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth		15.14
		For Each Additional Pass (Depth To 3"), Add		*6.01*
		For >250, Deduct		*-1.50*
02 41 19 13-0068	LF	Concrete And Asphalt Up To 4" Depth, Saw Cut In Streets		3.05
		For Each Additional Pass (Depth To 3"), Add		*1.10*
		For >250, Deduct		*-0.27*
02 41 19 13-0069	LF	Igneous Stone Pavements Up To 4" Depth, Saw Cut		7.98
		For Each Additional Pass (Depth To 3"), Add		*3.15*
		For >250, Deduct		*-0.79*
02 41 19 13-0070	LF	Sedimentary Stone Pavements Up To 4" Depth, Saw Cut		7.98
		For Each Additional Pass (Depth To 3"), Add		*3.15*
		For >250, Deduct		*-0.79*
02 41 19 13-0071	LF	Metamorphic Stone Pavements Up To 4" Depth, Saw Cut		7.98
		For Each Additional Pass (Depth To 3"), Add		*3.15*
		For >250, Deduct		*-0.79*
02 41 19 13-0072	LF	Terrazzo Stone Pavements Up To 4" Depth, Saw Cut		7.98
		For Each Additional Pass (Depth To 3"), Add		*3.15*
		For >250, Deduct		*-0.79*
02 41 19 13-0073	EA	Saw Cut Minimum Charge Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		1,089.88

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0074		**Torch Cutting** *(02 41 19 13)* Note: Includes grinding edge		
02 41 19 13-0075	LF	Up To 1/2", Torch Cut Steel Plate	2.91	
02 41 19 13-0076	LF	>1/2" To 1" Thick, Torch Cut Steel Plate	5.83	
02 41 19 13-0077	LF	>1" To 1-1/2" Thick, Torch Cut Steel Plate	8.74	
02 41 19 13-0078	LF	>1-1/2" To 2" Thick, Torch Cut Steel Plate	11.64	
02 41 19 13-0079	LF	>2" To 2-1/2" Thick, Torch Cut Steel Plate	14.57	
02 41 19 13-0080	LF	>2-1/2" To 3" Thick, Torch Cut Steel Plate	17.48	
02 41 19 13-0081	EA	Torch Cutting Minimum Charge Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	959.72	
02 41 19 13-0082		**Drilling In Existing Materials** *(02 41 19 13)* Note: Includes drill bit wear, water, layout, set-up and clean-up.		
02 41 19 13-0083		**Concrete Core Drilling** *(02 41 19 13-0082)*		
02 41 19 13-0084		**Up To 4" Thick Concrete Core Drilling** *(02 41 19 13-0083)*		
02 41 19 13-0085	EA	Drill 1" Diameter Core In Up To 4" Concrete	43.20	
		For Horizontal Cores, Add	*8.54*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*17.08*	
02 41 19 13-0086	EA	Drill 1-1/2" Diameter Core In Up To 4" Concrete	47.93	
		For Horizontal Cores, Add	*9.49*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.97*	
02 41 19 13-0087	EA	Drill 2" Diameter Core In Up To 4" Concrete	53.21	
		For Horizontal Cores, Add	*10.54*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*21.08*	
02 41 19 13-0088	EA	Drill 3" Diameter Core In Up To 4" Concrete	75.98	
		For Horizontal Cores, Add	*15.06*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*30.12*	
02 41 19 13-0089	EA	Drill 4" Diameter Core In Up To 4" Concrete	101.80	
		For Horizontal Cores, Add	*20.18*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*40.36*	
02 41 19 13-0090	EA	Drill 6" Diameter Core In Up To 4" Concrete	114.10	
		For Horizontal Cores, Add	*22.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*45.18*	
02 41 19 13-0091	EA	Drill 8" Diameter Core In Up To 4" Concrete	182.29	
		For Horizontal Cores, Add	*36.14*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*72.29*	
02 41 19 13-0092	EA	Drill 10" Diameter Core In Up To 4" Concrete	228.04	
		For Horizontal Cores, Add	*45.18*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*90.36*	
02 41 19 13-0093	EA	Drill 12" Diameter Core In Up To 4" Concrete	266.12	
		For Horizontal Cores, Add	*52.71*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*105.42*	
02 41 19 13-0094	EA	Drill 14" Diameter Core In Up To 4" Concrete	304.23	
		For Horizontal Cores, Add	*60.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*120.47*	
02 41 19 13-0095	EA	Drill 18" Diameter Core In Up To 4" Concrete	342.73	
		For Horizontal Cores, Add	*67.76*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*135.52*	
02 41 19 13-0096		**>4" To 6" Thick Concrete Core Drilling** *(02 41 19 13-0083)*		
02 41 19 13-0097	EA	Drill 1" Diameter Core In >4" To 6" Concrete	61.75	
		For Horizontal Cores, Add	*12.20*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*24.39*	
02 41 19 13-0098	EA	Drill 1-1/2" Diameter Core In >4" To 6" Concrete	68.52	
		For Horizontal Cores, Add	*13.55*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.10*	
02 41 19 13-0099	EA	Drill 2" Diameter Core In >4" To 6" Concrete	76.05	
		For Horizontal Cores, Add	*15.06*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*30.11*	
02 41 19 13-0100	EA	Drill 3" Diameter Core In >4" To 6" Concrete	91.41	
		For Horizontal Cores, Add	*18.07*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.14*	
02 41 19 13-0101	EA	Drill 4" Diameter Core In >4" To 6" Concrete	114.35	
		For Horizontal Cores, Add	*22.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*45.18*	
02 41 19 13-0102	EA	Drill 6" Diameter Core In >4" To 6" Concrete	152.33	
		For Horizontal Cores, Add	*30.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*60.24*	
02 41 19 13-0103	EA	Drill 8" Diameter Core In >4" To 6" Concrete	228.27	
		For Horizontal Cores, Add	*45.18*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*90.36*	
02 41 19 13-0104	EA	Drill 10" Diameter Core In >4" To 6" Concrete	266.76	
		For Horizontal Cores, Add	*52.71*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*105.42*	
02 41 19 13-0105	EA	Drill 12" Diameter Core In >4" To 6" Concrete	305.02	
		For Horizontal Cores, Add	*60.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*120.47*	
02 41 19 13-0106	EA	Drill 14" Diameter Core In >4" To 6" Concrete	343.48	
		For Horizontal Cores, Add	*67.76*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*135.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0107	EA	Drill 18" Diameter Core In >4" To 6" Concrete	382.53	
		For Horizontal Cores, Add	*75.29*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*150.59*	
02 41 19 13-0108		**>6" To 8" Thick Concrete Core Drilling** *(02 41 19 13-0083)*		
02 41 19 13-0109	EA	Drill 1" Diameter Core In >6" To 8" Concrete	68.14	
		For Horizontal Cores, Add	*13.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*26.84*	
02 41 19 13-0110	EA	Drill 1-1/2" Diameter Core In >6" To 8" Concrete	75.60	
		For Horizontal Cores, Add	*14.91*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*29.82*	
02 41 19 13-0111	EA	Drill 2" Diameter Core In >6" To 8" Concrete	83.88	
		For Horizontal Cores, Add	*16.57*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.13*	
02 41 19 13-0112	EA	Drill 3" Diameter Core In >6" To 8" Concrete	99.33	
		For Horizontal Cores, Add	*19.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*39.16*	
02 41 19 13-0113	EA	Drill 4" Diameter Core In >6" To 8" Concrete	129.89	
		For Horizontal Cores, Add	*25.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*51.20*	
02 41 19 13-0114	EA	Drill 6" Diameter Core In >6" To 8" Concrete	183.06	
		For Horizontal Cores, Add	*36.14*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*72.29*	
02 41 19 13-0115	EA	Drill 8" Diameter Core In >6" To 8" Concrete	304.36	
		For Horizontal Cores, Add	*60.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*120.47*	
02 41 19 13-0116	EA	Drill 10" Diameter Core In >6" To 8" Concrete	343.07	
		For Horizontal Cores, Add	*67.76*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*135.52*	
02 41 19 13-0117	EA	Drill 12" Diameter Core In >6" To 8" Concrete	381.59	
		For Horizontal Cores, Add	*75.29*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*150.59*	
02 41 19 13-0118	EA	Drill 14" Diameter Core In >6" To 8" Concrete	420.33	
		For Horizontal Cores, Add	*82.81*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*165.62*	
02 41 19 13-0119	EA	Drill 18" Diameter Core In >6" To 8" Concrete	459.96	
		For Horizontal Cores, Add	*90.36*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*180.71*	
02 41 19 13-0120		**>8" To 10" Thick Concrete Core Drilling** *(02 41 19 13-0083)*		
02 41 19 13-0121	EA	Drill 1" Diameter Core In >8" To 10" Concrete	80.60	
		For Horizontal Cores, Add	*15.86*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.71*	
02 41 19 13-0122	EA	Drill 1-1/2" Diameter Core In >8" To 10" Concrete	89.42	
		For Horizontal Cores, Add	*17.62*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*35.24*	
02 41 19 13-0123	EA	Drill 2" Diameter Core In >8" To 10" Concrete	99.20	
		For Horizontal Cores, Add	*19.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*39.15*	
02 41 19 13-0124	EA	Drill 3" Diameter Core In >8" To 10" Concrete	114.77	
		For Horizontal Cores, Add	*22.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*45.18*	
02 41 19 13-0125	EA	Drill 4" Diameter Core In >8" To 10" Concrete	130.38	
		For Horizontal Cores, Add	*25.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*51.20*	
02 41 19 13-0126	EA	Drill 6" Diameter Core In >8" To 10" Concrete	183.65	
		For Horizontal Cores, Add	*36.14*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*72.29*	
02 41 19 13-0127	EA	Drill 8" Diameter Core In >8" To 10" Concrete	305.17	
		For Horizontal Cores, Add	*60.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*120.47*	
02 41 19 13-0128	EA	Drill 10" Diameter Core In >8" To 10" Concrete	344.13	
		For Horizontal Cores, Add	*67.76*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*135.52*	
02 41 19 13-0129	EA	Drill 12" Diameter Core In >8" To 10" Concrete	382.80	
		For Horizontal Cores, Add	*75.28*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*150.56*	
02 41 19 13-0130	EA	Drill 14" Diameter Core In >8" To 10" Concrete	421.94	
		For Horizontal Cores, Add	*82.81*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*165.62*	
02 41 19 13-0131	EA	Drill 18" Diameter Core In >8" To 10" Concrete	461.99	
		For Horizontal Cores, Add	*90.34*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*180.67*	
02 41 19 13-0132		**>10" To 12" Thick Concrete Core Drilling** *(02 41 19 13-0083)*		
02 41 19 13-0133	EA	Drill 1" Diameter Core In >10" To 12" Concrete	86.99	
		For Horizontal Cores, Add	*17.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*34.16*	
02 41 19 13-0134	EA	Drill 1-1/2" Diameter Core In >10" To 12" Concrete	96.48	
		For Horizontal Cores, Add	*18.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*37.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0135	EA	Drill 2" Diameter Core In >10" To 12" Concrete	107.02	
		For Horizontal Cores, Add	*21.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*42.17*	
02 41 19 13-0136	EA	Drill 3" Diameter Core In >10" To 12" Concrete	115.16	
		For Horizontal Cores, Add	*22.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*45.18*	
02 41 19 13-0137	EA	Drill 4" Diameter Core In >10" To 12" Concrete	153.46	
		For Horizontal Cores, Add	*30.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*60.24*	
02 41 19 13-0138	EA	Drill 6" Diameter Core In >10" To 12" Concrete	199.32	
		For Horizontal Cores, Add	*39.16*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*78.32*	
02 41 19 13-0139	EA	Drill 8" Diameter Core In >10" To 12" Concrete	321.04	
		For Horizontal Cores, Add	*63.25*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*126.50*	
02 41 19 13-0140	EA	Drill 10" Diameter Core In >10" To 12" Concrete	345.20	
		For Horizontal Cores, Add	*67.76*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*135.52*	
02 41 19 13-0141	EA	Drill 12" Diameter Core In >10" To 12" Concrete	399.24	
		For Horizontal Cores, Add	*78.31*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*156.63*	
02 41 19 13-0142		>12" Thick Concrete Core Drilling *(02 41 19 13-0083)*		
02 41 19 13-0143	IN	Drill 1" Diameter Core In >12" Concrete	10.57	
		For Horizontal Cores, Add	*2.09*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.18*	
02 41 19 13-0144	IN	Drill 1-1/2" Diameter Core In >12" Concrete	11.72	
		For Horizontal Cores, Add	*2.32*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.64*	
02 41 19 13-0145	IN	Drill 2" Diameter Core In >12" Concrete	13.02	
		For Horizontal Cores, Add	*2.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.16*	
02 41 19 13-0146	IN	Drill 3" Diameter Core In >12" Concrete	14.29	
		For Horizontal Cores, Add	*2.82*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.64*	
02 41 19 13-0147	IN	Drill 4" Diameter Core In >12" Concrete	19.06	
		For Horizontal Cores, Add	*3.76*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*7.53*	
02 41 19 13-0148	IN	Drill 6" Diameter Core In >12" Concrete	24.78	
		For Horizontal Cores, Add	*4.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*9.80*	
02 41 19 13-0149	IN	Drill 8" Diameter Core In >12" Concrete	39.96	
		For Horizontal Cores, Add	*7.91*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*15.82*	
02 41 19 13-0150	IN	Drill 10" Diameter Core In >12" Concrete	43.06	
		For Horizontal Cores, Add	*8.51*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*17.01*	
02 41 19 13-0151	IN	Drill 12" Diameter Core In >12" Concrete	49.61	
		For Horizontal Cores, Add	*9.79*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*19.59*	
02 41 19 13-0152		Brick/Concrete Block Core Drilling *(02 41 19 13-0082)*		
02 41 19 13-0153		Up To 4" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0152)*		
02 41 19 13-0154	EA	Drill 1" Diameter Core In Up To 4" Brick/Concrete Block	34.66	
		For Horizontal Cores, Add	*6.83*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*13.66*	
02 41 19 13-0155	EA	Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block	38.44	
		For Horizontal Cores, Add	*7.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*15.18*	
02 41 19 13-0156	EA	Drill 2" Diameter Core In Up To 4" Brick/Concrete Block	42.66	
		For Horizontal Cores, Add	*8.43*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*16.86*	
02 41 19 13-0157	EA	Drill 3" Diameter Core In Up To 4" Brick/Concrete Block	60.92	
		For Horizontal Cores, Add	*12.05*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*24.10*	
02 41 19 13-0158	EA	Drill 4" Diameter Core In Up To 4" Brick/Concrete Block	81.63	
		For Horizontal Cores, Add	*16.14*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*32.29*	
02 41 19 13-0159	EA	Drill 6" Diameter Core In Up To 4" Brick/Concrete Block	91.50	
		For Horizontal Cores, Add	*18.07*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.14*	
02 41 19 13-0160	EA	Drill 8" Diameter Core In Up To 4" Brick/Concrete Block	146.15	
		For Horizontal Cores, Add	*28.92*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*57.83*	
02 41 19 13-0161	EA	Drill 10" Diameter Core In Up To 4" Brick/Concrete Block	182.86	
		For Horizontal Cores, Add	*36.14*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*72.28*	
02 41 19 13-0162	EA	Drill 12" Diameter Core In Up To 4" Brick/Concrete Block	213.41	
		For Horizontal Cores, Add	*42.17*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*84.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0163	EA	Drill 14" Diameter Core In Up To 4" Brick/Concrete Block	243.99	
		For Horizontal Cores, Add	*48.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*96.37*	
02 41 19 13-0164	EA	Drill 18" Diameter Core In Up To 4" Brick/Concrete Block	274.97	
		For Horizontal Cores, Add	*54.21*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*108.42*	
02 41 19 13-0165		>4" To 6" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0152)*		
02 41 19 13-0166	EA	Drill 1" Diameter Core In >4" To 6" Brick/Concrete Block	49.56	
		For Horizontal Cores, Add	*9.76*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*19.52*	
02 41 19 13-0167	EA	Drill 1-1/2" Diameter Core In >4" To 6" Brick/Concrete Block	54.97	
		For Horizontal Cores, Add	*10.84*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*21.68*	
02 41 19 13-0168	EA	Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block	60.99	
		For Horizontal Cores, Add	*12.04*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*24.09*	
02 41 19 13-0169	EA	Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block	73.35	
		For Horizontal Cores, Add	*14.46*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.92*	
02 41 19 13-0170	EA	Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block	91.75	
		For Horizontal Cores, Add	*18.07*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.14*	
02 41 19 13-0171	EA	Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block	122.21	
		For Horizontal Cores, Add	*24.09*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*48.19*	
02 41 19 13-0172	EA	Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block	183.09	
		For Horizontal Cores, Add	*36.14*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*72.28*	
02 41 19 13-0173	EA	Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block	214.05	
		For Horizontal Cores, Add	*42.17*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*84.34*	
02 41 19 13-0174	EA	Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block	244.78	
		For Horizontal Cores, Add	*48.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*96.37*	
02 41 19 13-0175	EA	Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block	275.72	
		For Horizontal Cores, Add	*54.21*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*108.42*	
02 41 19 13-0176	EA	Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block	307.24	
		For Horizontal Cores, Add	*60.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*120.47*	
02 41 19 13-0177		>6" To 8" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0152)*		
02 41 19 13-0178	EA	Drill 1" Diameter Core In >6" To 8" Brick/Concrete Block	54.72	
		For Horizontal Cores, Add	*10.73*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*21.47*	
02 41 19 13-0179	EA	Drill 1-1/2" Diameter Core In >6" To 8" Brick/Concrete Block	60.68	
		For Horizontal Cores, Add	*11.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.85*	
02 41 19 13-0180	EA	Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block	67.31	
		For Horizontal Cores, Add	*13.25*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*26.50*	
02 41 19 13-0181	EA	Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block	79.75	
		For Horizontal Cores, Add	*15.66*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.32*	
02 41 19 13-0182	EA	Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block	104.29	
		For Horizontal Cores, Add	*20.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*40.96*	
02 41 19 13-0183	EA	Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block	146.92	
		For Horizontal Cores, Add	*28.92*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*57.83*	
02 41 19 13-0184	EA	Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block	244.12	
		For Horizontal Cores, Add	*48.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*96.37*	
02 41 19 13-0185	EA	Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block	275.31	
		For Horizontal Cores, Add	*54.21*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*108.42*	
02 41 19 13-0186	EA	Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block	306.30	
		For Horizontal Cores, Add	*60.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*120.47*	
02 41 19 13-0187	EA	Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block	337.53	
		For Horizontal Cores, Add	*66.25*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*132.50*	
02 41 19 13-0188	EA	Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block	369.61	
		For Horizontal Cores, Add	*72.29*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*144.57*	
02 41 19 13-0189		>8" To 10" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0152)*		
02 41 19 13-0190	EA	Drill 1" Diameter Core In >8" To 10" Brick/Concrete Block	64.75	
		For Horizontal Cores, Add	*12.69*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0191	EA	Drill 1-1/2" Diameter Core In >8" To 10" Brick/Concrete Block	71.79	
		For Horizontal Cores, Add	*14.09*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.19*	
02 41 19 13-0192	EA	Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block	79.62	
		For Horizontal Cores, Add	*15.66*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.32*	
02 41 19 13-0193	EA	Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block	92.17	
		For Horizontal Cores, Add	*18.07*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.14*	
02 41 19 13-0194	EA	Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block	104.78	
		For Horizontal Cores, Add	*20.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*40.96*	
02 41 19 13-0195	EA	Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block	147.51	
		For Horizontal Cores, Add	*28.92*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*57.83*	
02 41 19 13-0196	EA	Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block	244.93	
		For Horizontal Cores, Add	*48.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*96.37*	
02 41 19 13-0197	EA	Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block	276.37	
		For Horizontal Cores, Add	*54.21*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*108.42*	
02 41 19 13-0198	EA	Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block	307.52	
		For Horizontal Cores, Add	*60.22*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*120.45*	
02 41 19 13-0199	EA	Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block	339.14	
		For Horizontal Cores, Add	*66.25*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*132.50*	
02 41 19 13-0200	EA	Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block	371.65	
		For Horizontal Cores, Add	*72.27*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*144.54*	

02 41 19 13-0201 >10" To 12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0152)*

02 41 19 13-0202	EA	Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block	69.91	
		For Horizontal Cores, Add	*13.66*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.32*	
02 41 19 13-0203	EA	Drill 1-1/2" Diameter Core In >10" To 12" Brick/Concrete Block	77.50	
		For Horizontal Cores, Add	*15.18*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*30.36*	
02 41 19 13-0204	EA	Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block	85.93	
		For Horizontal Cores, Add	*16.87*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.73*	
02 41 19 13-0205	EA	Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block	92.56	
		For Horizontal Cores, Add	*18.07*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.14*	
02 41 19 13-0206	EA	Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block	123.34	
		For Horizontal Cores, Add	*24.09*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*48.19*	
02 41 19 13-0207	EA	Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block	160.15	
		For Horizontal Cores, Add	*31.32*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*62.65*	
02 41 19 13-0208	EA	Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block	257.79	
		For Horizontal Cores, Add	*50.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*101.20*	
02 41 19 13-0209	EA	Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block	277.44	
		For Horizontal Cores, Add	*54.21*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*108.42*	
02 41 19 13-0210	EA	Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block	320.93	
		For Horizontal Cores, Add	*62.65*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*125.30*	

02 41 19 13-0211 >12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0152)*

02 41 19 13-0212	IN	Drill 1" Diameter Core In >12" Brick/Concrete Block	8.48	
		For Horizontal Cores, Add	*1.67*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.34*	
02 41 19 13-0213	IN	Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block	9.41	
		For Horizontal Cores, Add	*1.86*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.71*	
02 41 19 13-0214	IN	Drill 2" Diameter Core In >12" Brick/Concrete Block	10.44	
		For Horizontal Cores, Add	*2.06*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.12*	
02 41 19 13-0215	IN	Drill 3" Diameter Core In >12" Brick/Concrete Block	11.47	
		For Horizontal Cores, Add	*2.26*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.52*	
02 41 19 13-0216	IN	Drill 4" Diameter Core In >12" Brick/Concrete Block	15.29	
		For Horizontal Cores, Add	*3.01*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*6.02*	
02 41 19 13-0217	IN	Drill 6" Diameter Core In >12" Brick/Concrete Block	19.88	
		For Horizontal Cores, Add	*3.92*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*7.84*	
02 41 19 13-0218	IN	Drill 8" Diameter Core In >12" Brick/Concrete Block	32.05	
		For Horizontal Cores, Add	*6.33*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*12.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0219	IN	Drill 10" Diameter Core In >12" Brick/Concrete Block	34.56	
		For Horizontal Cores, Add	*6.81*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*13.61*	
02 41 19 13-0220	IN	Drill 12" Diameter Core In >12" Brick/Concrete Block	39.82	
		For Horizontal Cores, Add	*7.84*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*15.67*	
02 41 19 13-0221		Asphalt Core Drilling *(02 41 19 13-0082)*		
02 41 19 13-0222		Up To 2" Thick Asphalt Core Drilling *(02 41 19 13-0221)*		
02 41 19 13-0223	EA	Drill 1" Diameter Core In Up To 2" Asphalt	20.72	
02 41 19 13-0224	EA	Drill 1-1/2" Diameter Core In Up To 2" Asphalt	25.90	
02 41 19 13-0225	EA	Drill 2" Diameter Core In Up To 2" Asphalt	32.38	
02 41 19 13-0226	EA	Drill 3" Diameter Core In Up To 2" Asphalt	40.16	
02 41 19 13-0227	EA	Drill 4" Diameter Core In Up To 2" Asphalt	50.54	
02 41 19 13-0228	EA	Drill 6" Diameter Core In Up To 2" Asphalt	63.50	
02 41 19 13-0229	EA	Drill 8" Diameter Core In Up To 2" Asphalt	79.10	
02 41 19 13-0230	EA	Drill 10" Diameter Core In Up To 2" Asphalt	98.49	
02 41 19 13-0231	EA	Drill 12" Diameter Core In Up To 2" Asphalt	123.10	
02 41 19 13-0232		>2" To 3" Thick Asphalt Core Drilling *(02 41 19 13-0221)*		
02 41 19 13-0233	EA	Drill 1" Diameter Core In >2" To 3" Asphalt	25.89	
02 41 19 13-0234	EA	Drill 1-1/2" Diameter Core In >2" To 3" Asphalt	33.66	
02 41 19 13-0235	EA	Drill 2" Diameter Core In >2" To 3" Asphalt	41.42	
02 41 19 13-0236	EA	Drill 3" Diameter Core In >2" To 3" Asphalt	51.80	
02 41 19 13-0237	EA	Drill 4" Diameter Core In >2" To 3" Asphalt	64.76	
02 41 19 13-0238	EA	Drill 6" Diameter Core In >2" To 3" Asphalt	81.59	
02 41 19 13-0239	EA	Drill 8" Diameter Core In >2" To 3" Asphalt	101.08	
02 41 19 13-0240	EA	Drill 10" Diameter Core In >2" To 3" Asphalt	126.94	
02 41 19 13-0241	EA	Drill 12" Diameter Core In >2" To 3" Asphalt	158.00	
02 41 19 13-0242		>3" To 4" Thick Asphalt Core Drilling *(02 41 19 13-0221)*		
02 41 19 13-0243	EA	Drill 1" Diameter Core In >3" To 4" Asphalt	33.67	
02 41 19 13-0244	EA	Drill 1-1/2" Diameter Core In >3" To 4" Asphalt	42.74	
02 41 19 13-0245	EA	Drill 2" Diameter Core In >3" To 4" Asphalt	53.10	
02 41 19 13-0246	EA	Drill 3" Diameter Core In >3" To 4" Asphalt	66.06	
02 41 19 13-0247	EA	Drill 4" Diameter Core In >3" To 4" Asphalt	82.95	
02 41 19 13-0248	EA	Drill 6" Diameter Core In >3" To 4" Asphalt	103.67	
02 41 19 13-0249	EA	Drill 8" Diameter Core In >3" To 4" Asphalt	129.66	
02 41 19 13-0250	EA	Drill 10" Diameter Core In >3" To 4" Asphalt	162.01	
02 41 19 13-0251	EA	Drill 12 Diameter Core In >3" To 4" Asphalt	202.14	
02 41 19 13-0252		>4" To 6" Thick Asphalt Core Drilling *(02 41 19 13-0221)*		
02 41 19 13-0253	EA	Drill 1" Diameter Core In >4" To 6" Asphalt	44.06	
02 41 19 13-0254	EA	Drill 1-1/2" Diameter Core In >4" To 6" Asphalt	54.45	
02 41 19 13-0255	EA	Drill 2" Diameter Core In >4" To 6" Asphalt	67.40	
02 41 19 13-0256	EA	Drill 3" Diameter Core In >4" To 6" Asphalt	85.59	
02 41 19 13-0257	EA	Drill 4" Diameter Core In >4" To 6" Asphalt	106.38	
02 41 19 13-0258	EA	Drill 6" Diameter Core In >4" To 6" Asphalt	132.33	
02 41 19 13-0259	EA	Drill 8" Diameter Core In >4" To 6" Asphalt	166.15	
02 41 19 13-0260	EA	Drill 10" Diameter Core In >4" To 6" Asphalt	207.57	
02 41 19 13-0261	EA	Drill 12" Diameter Core In >4" To 6" Asphalt	259.41	
02 41 19 13-0262		Manhole Core Drilling *(02 41 19 13-0082)*		
02 41 19 13-0263	EA	Drill 4" Diameter Core In 6" Brick Manhole	226.84	
02 41 19 13-0264	EA	Drill 5" Diameter Core In 6" Brick Manhole	259.23	
02 41 19 13-0265	EA	Drill 6" Diameter Core In 6" Brick Manhole	302.34	
02 41 19 13-0266	EA	Drill 8" Diameter Core In 6" Brick Manhole	453.37	
02 41 19 13-0267	EA	Drill 2" Diameter Core In 8" Concrete Manhole	303.92	
02 41 19 13-0268	EA	Drill 3" Diameter Core In 8" Concrete Manhole	323.64	
02 41 19 13-0269	EA	Drill 4" Diameter Core In 8" Concrete Manhole	356.30	
02 41 19 13-0270	EA	Drill 5" Diameter Core In 8" Concrete Manhole	382.30	
02 41 19 13-0271	EA	Drill 6" Diameter Core In 8" Concrete Manhole	453.42	
02 41 19 13-0272	EA	Drill 8" Diameter Core In 8" Concrete Manhole	647.58	
02 41 19 13-0273	EA	Drill 2" Diameter Core In Fiberglass Manhole	30.14	
02 41 19 13-0274	EA	Drill 3" Diameter Core In Fiberglass Manhole	34.79	
02 41 19 13-0275	EA	Drill 4" Diameter Core In Fiberglass Manhole	37.70	
02 41 19 13-0276	EA	Drill 5" Diameter Core In Fiberglass Manhole	41.13	
02 41 19 13-0277	EA	Drill 6" Diameter Core In Fiberglass Manhole	45.24	
02 41 19 13-0278	EA	Drill 8" Diameter Core In Fiberglass Manhole	50.28	
02 41 19 13-0279		Drilling In Concrete Per Inch Of Depth *(02 41 19 13-0082)*		
		Note: Includes layout.		
02 41 19 13-0280	IN	1/4" Diameter Drilling In Concrete Per Inch Of Depth	2.30	
02 41 19 13-0281	IN	3/8" Diameter Drilling In Concrete Per Inch Of Depth	2.42	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0282	IN	1/2" Diameter Drilling In Concrete Per Inch Of Depth	2.59	
02 41 19 13-0283	IN	5/8" Diameter Drilling In Concrete Per Inch Of Depth	2.76	
02 41 19 13-0284	IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth	3.03	
02 41 19 13-0285	IN	7/8" Diameter Drilling In Concrete Per Inch Of Depth	3.27	
02 41 19 13-0286	IN	1" Diameter Drilling In Concrete Per Inch Of Depth	3.44	
02 41 19 13-0287	IN	1-1/4" Diameter Drilling In Concrete Per Inch Of Depth	3.81	
02 41 19 13-0288	IN	1-1/2" Diameter Drilling In Concrete Per Inch Of Depth	4.31	
02 41 19 13-0289		Drilling In Brick/Concrete Block Per Inch Of Depth *(02 41 19 13-0082)*		
		Note: Includes layout.		
02 41 19 13-0290	IN	1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.92	
02 41 19 13-0291	IN	3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.02	
02 41 19 13-0292	IN	1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.16	
02 41 19 13-0293	IN	5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.30	
02 41 19 13-0294	IN	3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.52	
02 41 19 13-0295	IN	7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.73	
02 41 19 13-0296	IN	1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.87	
02 41 19 13-0297	IN	1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.18	
02 41 19 13-0298	IN	1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	4.24	
02 41 19 13-0299		Drilling In Wood Or Plastic Per Inch Of Depth *(02 41 19 13-0082)*		
		Note: Includes layout.		
02 41 19 13-0300	IN	1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.95	
02 41 19 13-0301	IN	3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.01	
02 41 19 13-0302	IN	1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.08	
02 41 19 13-0303	IN	5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.14	
02 41 19 13-0304	IN	3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.26	
02 41 19 13-0305	IN	7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.36	
02 41 19 13-0306	IN	1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.44	
02 41 19 13-0307	IN	1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.58	
02 41 19 13-0308	IN	1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.91	
02 41 19 13-0309		Limestone Core Drilling *(02 41 19 13-0082)*		
02 41 19 13-0310		10" To 14" Thick Limestone Core Drilling *(02 41 19 13-0309)*		
02 41 19 13-0311	EA	Drill 1" Diameter Core In 10" To 14" Limestone	65.10	
02 41 19 13-0312	EA	Drill 1-1/2" Diameter Core In 10" To 14" Limestone	78.19	
02 41 19 13-0313	EA	Drill 2" Diameter Core In 10" To 14" Limestone	84.82	
02 41 19 13-0314	EA	Drill 3" Diameter Core In 10" To 14" Limestone	98.12	
02 41 19 13-0315	EA	Drill 4" Diameter Core In 10" To 14" Limestone	111.42	
02 41 19 13-0316	EA	Drill 6" Diameter Core In 10" To 14" Limestone	157.01	
02 41 19 13-0317	EA	Drill 8" Diameter Core In 10" To 14" Limestone	260.96	
02 41 19 13-0318		15" To 18" Thick Limestone Core Drilling *(02 41 19 13-0309)*		
02 41 19 13-0319	EA	Drill 1" Diameter Core In 15" To 18" Limestone	71.69	
02 41 19 13-0320	EA	Drill 1-1/2" Diameter Core In 15" To 18" Limestone	84.80	
02 41 19 13-0321	EA	Drill 2" Diameter Core In 15" To 18" Limestone	91.49	
02 41 19 13-0322	EA	Drill 3" Diameter Core In 15" To 18" Limestone	98.42	
02 41 19 13-0323	EA	Drill 4" Diameter Core In 15" To 18" Limestone	131.16	
02 41 19 13-0324	EA	Drill 6" Diameter Core In 15" To 18" Limestone	170.34	
02 41 19 13-0325	EA	Drill 8" Diameter Core In 15" To 18" Limestone	274.59	
02 41 19 13-0326		19" To 24" Thick Limestone Core Drilling *(02 41 19 13-0309)*		
02 41 19 13-0327	EA	Drill 1" Diameter Core In 19" To 24" Limestone	78.25	
02 41 19 13-0328	EA	Drill 1-1/2" Diameter Core In 19" To 24" Limestone	91.40	
02 41 19 13-0329	EA	Drill 2" Diameter Core In 19" To 24" Limestone	98.13	
02 41 19 13-0330	EA	Drill 3" Diameter Core In 19" To 24" Limestone	111.55	
02 41 19 13-0331	EA	Drill 4" Diameter Core In 19" To 24" Limestone	157.30	
02 41 19 13-0332	EA	Drill 6" Diameter Core In 19" To 24" Limestone	196.57	
02 41 19 13-0333	EA	Drill 8" Diameter Core In 19" To 24" Limestone	294.69	
02 41 19 13-0334		Minimum Charge For Core Drilling *(02 41 19 13-0082)*		
02 41 19 13-0335	EA	Core Drill Minimum Charge	877.58	
		Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth" or "Drilling In Wood Or Plastic Per Inch Of Depth".		
02 41 19 13-0336		Cutouts *(02 41 19 13)*		
		Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF.		
02 41 19 13-0337		Reinforced Concrete Slab On Grade Cutouts *(02 41 19 13-0336)*		
02 41 19 13-0338	SF	4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	50.82	
02 41 19 13-0339	SF	6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	53.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0340	SF	8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF		56.97
02 41 19 13-0341	SF	10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF		60.06
02 41 19 13-0342	SF	12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF		61.60
02 41 19 13-0343		Reinforced Concrete Elevated Slab Cutouts *(02 41 19 13-0336)*		
		Note: Includes cutting and removing steel decking.		
02 41 19 13-0344	SF	4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF		61.94
02 41 19 13-0345	SF	6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF		65.69
02 41 19 13-0346	SF	8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF		69.44
02 41 19 13-0347	SF	10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF		73.19
02 41 19 13-0348	SF	12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF		75.07
02 41 19 13-0349		Reinforced Concrete Wall Cutouts *(02 41 19 13-0336)*		
02 41 19 13-0350	SF	4" Thick Reinforced Concrete Wall Cutouts, <24 SF		63.52
02 41 19 13-0351	SF	6" Thick Reinforced Concrete Wall Cutouts, <24 SF		67.38
02 41 19 13-0352	SF	8" Thick Reinforced Concrete Wall Cutouts, <24 SF		71.22
02 41 19 13-0353	SF	10" Thick Reinforced Concrete Wall Cutouts, <24 SF		75.07
02 41 19 13-0354	SF	12" Thick Reinforced Concrete Wall Cutouts, <24 SF		77.00
02 41 19 13-0355		Brick Wall Cutouts *(02 41 19 13-0336)*		
		Note: Excludes toothing.		
02 41 19 13-0356	SF	4" Thick Brick Wall Cutouts, <24 SF		19.25
02 41 19 13-0357	SF	6" Thick Brick Wall Cutouts, <24 SF		31.76
02 41 19 13-0358	SF	8" Thick Brick Wall Cutouts, <24 SF		44.23
02 41 19 13-0359	SF	10" Thick Brick Wall Cutouts, <24 SF		53.90
02 41 19 13-0360	SF	12" Thick Brick Wall Cutouts, <24 SF		64.48
02 41 19 13-0361	SF	16" Thick Brick Wall Cutouts, <24 SF		76.03
02 41 19 13-0362		Concrete Block Wall Cutouts *(02 41 19 13-0336)*		
		Note: Excludes toothing.		
02 41 19 13-0363	SF	4" Thick Concrete Block Wall Cutouts, <24 SF		31.84
02 41 19 13-0364	SF	6" Thick Concrete Block Wall Cutouts, <24 SF		33.72
02 41 19 13-0365	SF	8" Thick Concrete Block Wall Cutouts, <24 SF		35.61
02 41 19 13-0366	SF	10" Thick Concrete Block Wall Cutouts, <24 SF		37.54
02 41 19 13-0367	SF	12" Thick Concrete Block Wall Cutouts, <24 SF		38.50
02 41 19 13-0368	SF	16" Thick Concrete Block Wall Cutouts, <24 SF		40.42
02 41 19 13-0369		Limestone Cutouts *(02 41 19 13-0336)*		
02 41 19 13-0370	SF	2" Thick Limestone Cutouts, <24 SF		53.90
02 41 19 13-0371	SF	4" Thick Limestone Cutouts, <24 SF		65.44
02 41 19 13-0372	SF	6" Thick Limestone Cutouts, <24 SF		69.30
02 41 19 13-0373	SF	8" Thick Limestone Cutouts, <24 SF		73.15
02 41 19 13-0374	SF	10" Thick Limestone Cutouts, <24 SF		77.00
02 41 19 13-0375	SF	12" Thick Limestone Cutouts, <24 SF		80.84
02 41 19 13-0376		Toothing Masonry Cutouts *(02 41 19 13-0336)*		
		Note: For use where existing masonry must be removed in a toothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.		
02 41 19 13-0377	VLF	Brick, Soft Old Mortar, Toothing Masonry Cutouts		19.25
02 41 19 13-0378	VLF	Brick, Hard Mortar, Toothing Masonry Cutouts		25.98
02 41 19 13-0379	VLF	Concrete Block, Soft Old Mortar, Toothing Masonry Cutouts		11.55
02 41 19 13-0380	VLF	Concrete Block, Hard Mortar, Toothing Masonry Cutouts		15.40
02 41 19 13-0381		Minimum Charge For Cutouts *(02 41 19 13-0336)*		
		Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0382	EA	Cutouts Minimum Charge		384.99
02 41 19 16		**Selective Interior Demolition** *(02 41 19)*		
		Note: Includes break-up of material, loading into truck or dumpster and clean-up.		
02 41 19 16-0001		Floor Removal *(02 41 19 16)*		
02 41 19 16-0002		Scarify Concrete *(02 41 19 16-0001)*		
		Note: Up to 1/4" removal per pass.		
02 41 19 16-0003	SF	Scarify Concrete Floor		0.27
02 41 19 16-0004	SF	Scarify Concrete Tread And Riser		2.27
02 41 19 16-0005	SF	Scarify Concrete Wall		2.06
02 41 19 16-0006		Fireproofing Removal *(02 41 19 16)*		
02 41 19 16-0007	SF	Removal Of Fireproofing From Concrete Or Steel		1.27

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 16-0008		**Demolish Ceiling** *(02 41 19 16)*		
02 41 19 16-0009	SF	Demolish Drywall Ceiling		0.98
02 41 19 16-0010	SF	Demolish Furred Plastered Ceiling		2.29
02 41 19 16-0011	SF	Demolish Suspended Plastered Ceiling And Suspension System		1.76
02 41 19 16-0012		**Demolish Concrete Stair** *(02 41 19 16)*		
02 41 19 16-0013	CF	Demolish Interior Reinforced Concrete Stairs		8.24
02 41 19 16-0014	CF	Demolish Exterior Reinforced Concrete Stairs		7.00
02 41 19 16-0015		**Demolish Interior Partition/Wall** *(02 41 19 16)*		
		Note: Price includes knock down, loading, clean-up.		
02 41 19 16-0016		**Demolish Masonry And Concrete Interior Partition/Walls** *(02 41 19 16-0015)*		
		Note: Includes saw cutting, knock down, loading and clean-up.		
02 41 19 16-0017		**Demolish Concrete Block Interior Partition/Walls** *(02 41 19 16-0016)*		
02 41 19 16-0018	SF	Demolish 4" Thick Non Reinforced Concrete Block Interior Partition/Wall		5.33
02 41 19 16-0019	SF	Demolish 6" Thick Non Reinforced Concrete Block Interior Partition/Wall		5.69
02 41 19 16-0020	SF	Demolish 8" Thick Non Reinforced Concrete Block Interior Partition/Wall		6.42
02 41 19 16-0021	SF	Demolish 12" Thick Non Reinforced Concrete Block Interior Partition/Wall		8.25
02 41 19 16-0022	SF	Demolish 16" Thick Non Reinforced Concrete Block Interior Partition/Wall		10.31
02 41 19 16-0023	SF	Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall		6.40
02 41 19 16-0024	SF	Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall		6.84
02 41 19 16-0025	SF	Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall		7.71
02 41 19 16-0026	SF	Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall		9.89
02 41 19 16-0027	SF	Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall		12.36
02 41 19 16-0028		**Demolish Brick Interior Partition/Walls** *(02 41 19 16-0016)*		
02 41 19 16-0029	SF	Demolish 4" Thick Brick Interior Partition/Wall		5.33
02 41 19 16-0030	SF	Demolish 8" Thick Brick Interior Partition/Wall		6.42
02 41 19 16-0031	SF	Demolish 12" Thick Brick Interior Partition/Wall		8.24
02 41 19 16-0032	SF	Demolish 16" Thick Brick Interior Partition/Wall		10.30
02 41 19 16-0033		**Demolish Glass Block Interior Partition/Walls** *(02 41 19 16-0016)*		
02 41 19 16-0034	SF	Demolish Glass Block Interior Partition/Walls		4.58
02 41 19 16-0035		**Demolish Concrete Interior Partition/Walls** *(02 41 19 16-0016)*		
		See CSI section 02 41 16 13-0021 for concrete foundation demolition.		
02 41 19 16-0036	SF	Demolish 6" Thick Non Reinforced Concrete Interior Partition/Wall		9.69
02 41 19 16-0037	SF	Demolish 8" Thick Non Reinforced Concrete Interior Partition/Wall		12.13
02 41 19 16-0038	SF	Demolish 12" Thick Non Reinforced Concrete Interior Partition/Wall		16.98
02 41 19 16-0039	SF	Demolish 6" Thick Reinforced Concrete Interior Partition/Wall		11.64
02 41 19 16-0040	SF	Demolish 8" Thick Reinforced Concrete Interior Partition/Wall		14.64
02 41 19 16-0041	SF	Demolish 12" Thick Reinforced Concrete Interior Partition/Wall		20.36
02 41 19 16-0042		**Demolish Terra-Cotta Block Interior Partition/Walls** *(02 41 19 16-0016)*		
02 41 19 16-0043	SF	Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster		1.83
02 41 19 16-0044		**Demolish Stud Framed Interior Partition/Walls** *(02 41 19 16-0015)*		
		Note: Includes knock down, loading and clean-up. Includes demo of insulation if required.		
02 41 19 16-0045	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side		3.24
		For Heights >14' To 20', Add	*0.49*	
		For Heights >20', Add	*0.65*	
02 41 19 16-0046	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides		3.77
		For Heights >14' To 20', Add	*0.57*	
		For Heights >20', Add	*0.75*	
02 41 19 16-0047	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side		4.14
		For Heights >14' To 20', Add	*0.62*	
		For Heights >20', Add	*0.83*	
02 41 19 16-0048	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides		5.75
		For Heights >14' To 20', Add	*0.86*	
		For Heights >20', Add	*1.15*	
02 41 19 16-0049	SF	Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall		1.71
		For Heights >14' To 20', Add	*0.26*	
		For Heights >20', Add	*0.34*	
02 41 19 16-0050	SF	Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall		2.03
		For Heights >14' To 20', Add	*0.30*	
		For Heights >20', Add	*0.41*	

02 42 Removal and Salvage of Construction Materials *(02 40)*

02 42 21 Salvage of Construction Materials *(02 42)*

Note: Includes placement on pallets and storage on site.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 42 21 35 Roofing Salvage *(02 42 21)*

02 42 21 35-0001 Clay Tile Roof Remove And Salvage For Re-use *(02 42 21 35)*
Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.

02 42 21 35-0002	SQ	Removal Of Clay Roof Tile, Salvage For Re-use	298.07	

02 42 21 47 Flooring Salvage *(02 42 21)*

02 42 21 47-0001 Remove And Salvage For Re-Use *(02 42 21 47)*
Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.

02 42 21 47-0002	SF	Removal Of Brick Flooring And Salvage	2.71	
02 42 21 47-0003	SF	Removal Of Ceramic/Quarry Tile Floor And Salvage	2.71	
02 42 21 47-0004	SF	Removal Of Terrazzo Flooring And Salvage	3.75	
02 42 21 47-0005	SF	Removal Of Wood Strip Flooring And Salvage	2.19	
02 42 21 47-0006	SF	Removal Of Wood Parquet Flooring And Salvage	1.16	
02 42 21 47-0007	SF	Removal Of Resilient/Linoleum Flooring And Salvage	0.83	

02 43 Structure Moving *(02 40)*

02 43 13 Structure Relocation *(02 43)*

Note: Includes disconnection of utilities, moving of structure, one day move (excludes travel expenses and lodging), up to 24' wide. Reset on new foundations and hook up to utilities.

02 43 13 13 Building Relocation *(02 43 13)*

02 43 13 13-0001 Move Relocatable Structures (Trailer, Mobile Facilities, etc.), Complete *(02 43 13 13)*
Note: Includes disconnect portable from foundation, separate relocatable unit and attachments as needed for transport, secure all relocatable attachments (awnings, steps, ramps, railing, etc.) for transport, transport relocatable and attachments to new location, including permits and police escort, connect to foundation per approved specifications/details, including welding and/or hurricane anchoring as needed.

02 43 13 13-0002	SF	Up To 800 SF, Move Relocatable Metal Frame Building	36.47	
02 43 13 13-0003	SF	>800 To 920 SF, Move Relocatable Metal Frame Building	34.47	
02 43 13 13-0004	SF	>920 SF, Move Relocatable Metal Frame Building	32.26	
02 43 13 13-0005	SF	Up To 800 SF, Move Relocatable Wood Frame Building	29.26	
02 43 13 13-0006	SF	>800 To 920 SF, Move Relocatable Wood Frame Building	27.35	
02 43 13 13-0007	SF	>920 SF, Move Relocatable Wood Frame Building	24.20	
02 43 13 13-0008	SF	Up To 800 SF, Move Relocatable Wood/Metal Frame Building	35.44	
02 43 13 13-0009	SF	>800 To 920 SF, Move Relocatable Wood/Metal Frame Building	32.26	
02 43 13 13-0010	SF	>920 SF, Move Relocatable Wood/Metal Frame Building	27.35	

02 50 Site Remediation *(02)*

02 58 Snow Control *(02 50)*

02 58 13 Snow Fencing *(02 58)*

02 58 13 00-0001 Snow/Sand Fence On Steel Posts *(02 58 13)*

02 58 13 00-0002	LF	Steel Fence Post, 10' On Center With 4' Wood Snow/Sand Fence	7.68	2.16

02 60 Contaminated Site Material Removal *(02)*

02 61 Removal and Disposal of Contaminated Soils *(02 60)*

02 61 13 Excavation and Handling of Contaminated Material *(02 61)*

See CSI section 31 23 16 00-0000 for excavation.

02 61 13 00-0001 Excavate Petroleum Contaminated Soil *(02 61 13)*

02 61 13 00-0002	CY	Excavate Petroleum Contaminated Soil Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination.	13.74	
02 61 13 00-0003	CY	Load Excavated Petroleum Contaminated Soil	7.96	
02 61 13 00-0004	CY	Disposal Fees Of Petroleum Contaminated Soil	63.25	

02 61 13 00-0005 Accessories For Contaminated Soil Stockpile *(02 61 13)*
See CSI section 31 25 14 23-0001 for sand bags.

02 61 13 00-0006	SF	30 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	1.50	
02 61 13 00-0007	SF	10 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	0.90	

02 61 26 Removal and Disposal of Asbestos Contaminated Soils *(02 61)*

Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 61 26 00-0001 Removal and Disposal of Asbestos Contaminated Soils *(02 61 26)*

Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 61 26 00-0002	EA	Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal		1,174.01	
		For Work In Restricted Working Space, Add		*352.20*	
02 61 26 00-0003	CF	>10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal		77.82	
		For Work In Restricted Working Space, Add		*23.35*	
02 61 26 00-0004	CF	>100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal		51.89	
		For Work In Restricted Working Space, Add		*15.57*	
02 61 26 00-0005	CF	>250 To 500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal		38.97	
		For Work In Restricted Working Space, Add		*11.69*	
02 61 26 00-0006	CF	>500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal		31.13	
		For Work In Restricted Working Space, Add		*9.34*	
02 61 26 00-0007	CF	>2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal		26.46	
		For Work In Restricted Working Space, Add		*7.94*	
02 61 26 00-0008	CF	>10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal		23.80	
		For Work In Restricted Working Space, Add		*7.14*	

02 65 Underground Storage Tank Removal *(02 60)*

Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0048 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.

02 65 00 00-0001 Monitoring, Sampling, Testing And Analysis *(02 65)*

02 65 00 00-0002 Field Samples For Testing Underground Storage Tank *(02 65 00 00-0001)*

02 65 00 00-0003	EA	Collection Of Sludge Sample For Underground Storage Tank		23.91	
02 65 00 00-0004	EA	Collection Of Pumpable Liquids Sample For Underground Storage Tank		23.91	
02 65 00 00-0005	EA	Collection Of Contaminated Soil Sample		23.91	

02 65 00 00-0006 Lab Tests For Underground Storage Tank Removal *(02 65 00 00-0001)*

Note: Includes lab test fees, reports, shipping, handling, chain of custody documents and disposal of sample.

02 65 00 00-0007	EA	Benzene, Toluene, Ethylbenzene, Xylene 8020, Lab Test Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.		193.85	
02 65 00 00-0008	EA	Flashpoint, Lab Test Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.		75.39	
02 65 00 00-0009	EA	TOX 9020, Lab Test Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846.		181.35	
02 65 00 00-0010	EA	TPH 8015 Modified, Lab Test Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846.		193.85	
02 65 00 00-0011	EA	TRPH 418.1, Lab Test Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846.		150.77	
02 65 00 00-0012	EA	VOC, Lab Test Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846.		409.24	
02 65 00 00-0013	EA	Semi-Volatile Organic, Lab Test Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846.		753.86	
02 65 00 00-0014	EA	Oil And Grease 413.1, Lab Test Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846.		90.68	
02 65 00 00-0015	EA	TCLP (Extraction) - Metals, Lab Test Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.		161.54	
02 65 00 00-0016	EA	TCLP (Extraction) - Semi-Volatile Organic, Lab Test Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.		215.39	
02 65 00 00-0017	EA	Metals 6010 RCRA, Lab Test Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846.		241.24	
02 65 00 00-0018	EA	Metals (Arsenic) 7060, Lab Test Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846.		32.31	
02 65 00 00-0019	EA	Metals (Selenium) 7740, Lab Test Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846.		32.31	
02 65 00 00-0020	EA	Metals (Lead) 7421, Lab Test Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846.		32.31	
02 65 00 00-0021	EA	Metals (Mercury) 7470, Lab Test Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846.		60.31	
02 65 00 00-0022	EA	PNA/PAH 8100, Lab Test Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846.		344.62	
02 65 00 00-0023	EA	Fuel Id ASTM D3328-78, Lab Test Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78.		124.68	
02 65 00 00-0024	EA	pH, Lab Test		25.85	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0025	EA	Lab Test - Polychlorinated Biphenyl (PCB) In Wastewater	323.08	
02 65 00 00-0026	EA	Methyl Tertiary Butyl Ether (MTBE), Lab Test	193.85	
02 65 00 00-0027		**Tests, Surveys And Maintenance For Underground Storage Tank** *(02 65 00 00-0001)*		
02 65 00 00-0028	EA	Site Survey For AST/UST Location By Certified Tank Installer Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overfill performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.	1,089.31	
02 65 00 00-0029	EA	Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems Note: By Certified Technician. Write report of findings for action if needed	190.14	
02 65 00 00-0030	EA	Check And Report On Monitor Probes. Note: By Certified Technician	43.93	
02 65 00 00-0031	EA	Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc.	308.22	
02 65 00 00-0032	EA	Removal And Replacement Of Anode On Impressed System	166.11	
02 65 00 00-0033	EA	Removal And Replacement Of Power Converter On Impressed System On Underground Storage Tank	238.61	
02 65 00 00-0034	EA	Removal And Replacement Of Monitor Probes On Underground Storage Tank	325.58	
02 65 00 00-0035	EA	Ultrasonic Test On Underground Storage Tank	128.80	
02 65 00 00-0036		**Tests And Sampling Labor Hours** *(02 65 00 00-0001)*		
02 65 00 00-0037	HR	Certified Tank Installer For Underground Storage Tank	107.35	
02 65 00 00-0038	HR	Certified Geologist/Environmentalist	118.18	
02 65 00 00-0039	HR	Hourly Office Work For Reports Required For EPA On Underground Storage Tank Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.	126.81	
02 65 00 00-0040		**Remove Tank Contents** *(02 65)*		
02 65 00 00-0041		**Transfer Liquid** *(02 65 00 00-0040)* Note: For use to transfer liquids from one tank to another.		
02 65 00 00-0042	GAL	Transfer Reusable Liquid To Different Tank Note: Per gallon of material transferred.	0.75	
02 65 00 00-0043		**Remove And Dispose Of Liquid From Tank** *(02 65 00 00-0040)*		
02 65 00 00-0044	GAL	Removal and Disposal Of Hazardous Liquids From Tank	1.67	
02 65 00 00-0045	GAL	Removal and Disposal Of Non Hazardous Liquid From Tank	0.73	
02 65 00 00-0046		**Remove And Dispose Of Solids Or Sludge** *(02 65 00 00-0040)* Note: Includes scraping and solidifying agent.		
02 65 00 00-0047	GAL	Removal and Disposal Of Hazardous Solids Or Sludge From Tank	6.43	
02 65 00 00-0048	GAL	Removal and Disposal Of Non Hazardous Solids Or Sludge From Tank	1.41	
02 65 00 00-0049		**Purge Vapors, Open And Clean Tank** *(02 65)*		
02 65 00 00-0050		**Purge Vapors** *(02 65 00 00-0049)*		
02 65 00 00-0051	LB	Purge Tank Using Dry Ice Note: Approximately 1.5 To 3.0 LBS of dry ice per 100 Gals of tank volume.	4.72	
02 65 00 00-0052		**High Pressure Water Wash And Rinse Of Tank Interior** *(02 65 00 00-0049)* Note: Includes removal and disposal of rinse water.		
02 65 00 00-0053	EA	Up To 275 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	330.44	
02 65 00 00-0054	EA	>275 To 550 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	432.52	
02 65 00 00-0055	EA	>550 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	559.70	
02 65 00 00-0056	EA	>1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	754.05	
02 65 00 00-0057	EA	>2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,455.80	
02 65 00 00-0058	EA	>5,000 To 6,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,750.60	
02 65 00 00-0059	EA	>6,000 To 8,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	2,002.26	
02 65 00 00-0060	EA	>8,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	2,418.34	
02 65 00 00-0061	EA	>10,000 To 15,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	3,106.86	
02 65 00 00-0062	EA	>15,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	3,735.53	
02 65 00 00-0063	EA	>20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	4,728.01	
02 65 00 00-0064	EA	>30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	5,832.35	
02 65 00 00-0065	EA	>40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	7,152.84	
02 65 00 00-0066		**Scrape Clean Tank Exterior** *(02 65 00 00-0049)*		
02 65 00 00-0067	EA	Up To 275 Gallon Tank, Scrape Clean Tank Exterior	235.99	
02 65 00 00-0068	EA	>275 To 550 Gallon Tank, Scrape Clean Tank Exterior	314.25	
02 65 00 00-0069	EA	>550 To 1,000 Gallon Tank, Scrape Clean Tank Exterior	411.77	
02 65 00 00-0070	EA	>1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior	570.22	
02 65 00 00-0071	EA	>2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior	1,262.79	
02 65 00 00-0072	EA	>5,000 To 6,000 Gallon Tank, Scrape Clean Tank Exterior	1,598.94	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0073	EA	>6,000 To 8,000 Gallon Tank, Scrape Clean Tank Exterior	1,871.06	
02 65 00 00-0074	EA	>8,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior	2,352.19	
02 65 00 00-0075	EA	>10,000 To 15,000 Gallon Tank, Scrape Clean Tank Exterior	3,057.26	
02 65 00 00-0076	EA	>15,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior	3,837.47	
02 65 00 00-0077	EA	>20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior	4,996.70	
02 65 00 00-0078	EA	>30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior	5,996.05	
02 65 00 00-0079	EA	>40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior	7,495.06	

02 65 00 00-0080 Tank And Piping Removal *(02 65)*

Note: Excludes excavation.

02 65 00 00-0081 Removal And Disposal Of Piping *(02 65 00 00-0080)*

Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees.

02 65 00 00-0082	LF	Up To 4", Removal And Disposal Of Piping	19.03	
02 65 00 00-0083	LF	>4" To 8", Removal And Disposal Of Piping	25.37	

02 65 00 00-0084 Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement *(02 65 00 00-0080)*

Note: Excludes excavation or backfill.

02 65 00 00-0085	EA	Up To 275 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	685.74	
02 65 00 00-0086	EA	>275 To 550 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	832.69	
02 65 00 00-0087	EA	>550 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	979.64	
02 65 00 00-0088	EA	>1,000 To 2,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,224.55	
02 65 00 00-0089	EA	>2,000 To 5,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,714.36	
02 65 00 00-0090	EA	>5,000 To 6,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,155.20	
02 65 00 00-0091	EA	>6,000 To 8,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,449.09	
02 65 00 00-0092	EA	>8,000 To 10,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,938.91	
02 65 00 00-0093	EA	>10,000 To 15,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	3,918.54	
02 65 00 00-0094	EA	>15,000 To 20,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	4,697.46	
02 65 00 00-0095	EA	>20,000 To 30,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	5,504.46	
02 65 00 00-0096	EA	>30,000 To 40,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	6,439.75	
02 65 00 00-0097	EA	>40,000 To 50,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	8,049.68	

02 65 00 00-0098 Cut Tank Into Sections That Can Easily Be Transported And Disposed Of When Necessary *(02 65 00 00-0080)*

Note: Includes 1 lengthwise at every 4' on-center height wise.

02 65 00 00-0099	EA	>1,000 To 2,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	824.94	
02 65 00 00-0100	EA	>2,000 To 5,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,538.40	
02 65 00 00-0101	EA	>5,000 To 6,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,850.54	
02 65 00 00-0102	EA	>6,000 To 8,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,062.35	
02 65 00 00-0103	EA	>8,000 To 10,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,474.82	
02 65 00 00-0104	EA	>10,000 to 15,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	3,076.79	
02 65 00 00-0105	EA	>15,000 to 20,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	3,701.07	
02 65 00 00-0106	EA	>20,000 To 30,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	4,626.34	
02 65 00 00-0107	EA	>30,000 To 40,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	5,782.93	
02 65 00 00-0108	EA	>40,000 To 50,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	7,228.65	

02 65 00 00-0109 Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station *(02 65 00 00-0080)*

Note: Includes disposal fee.

02 65 00 00-0110	EA	Up To 275 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	285.26	
		For Each Additional Mile >15 Miles, Add	*4.58*	
02 65 00 00-0111	EA	>275 To 550 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	384.45	
		For Each Additional Mile >15 Miles, Add	*5.79*	
02 65 00 00-0112	EA	>550 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	602.15	
		For Each Additional Mile >15 Miles, Add	*8.69*	
02 65 00 00-0113	EA	>1,000 To 2,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	914.76	
		For Each Additional Mile >15 Miles, Add	*10.13*	
02 65 00 00-0114	EA	>2,000 To 5,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,614.15	
		For Each Additional Mile >15 Miles, Add	*17.86*	
02 65 00 00-0115	EA	>5,000 To 6,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,672.05	
		For Each Additional Mile >15 Miles, Add	*19.30*	
02 65 00 00-0116	EA	>6,000 To 8,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,768.57	
		For Each Additional Mile >15 Miles, Add	*21.72*	
02 65 00 00-0117	EA	>8,000 To 10,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	2,550.54	
		For Each Additional Mile >15 Miles, Add	*28.95*	
02 65 00 00-0118	EA	>10,000 To 15,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	3,520.16	
		For Each Additional Mile >15 Miles, Add	*43.43*	
02 65 00 00-0119	EA	>15,000 To 20,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	4,103.73	
		For Each Additional Mile >15 Miles, Add	*48.26*	
02 65 00 00-0120	EA	>20,000 To 30,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	5,067.10	
		For Each Additional Mile >15 Miles, Add	*57.91*	
02 65 00 00-0121	EA	>30,000 To 40,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	7,024.62	
		For Each Additional Mile >15 Miles, Add	*69.49*	
02 65 00 00-0122	EA	>40,000 To 50,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	8,460.36	
		For Each Additional Mile >15 Miles, Add	*79.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0123		Other Storage Tank Removals *(02 65 00 00-0080)*		
02 65 00 00-0124	GAL	Removal Of Cement Lining	0.59	
02 65 00 00-0125	GAL	Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams	0.22	
02 65 00 00-0126	GAL	Install Epoxy For Interior Corrosion Protection	1.11	
02 65 00 00-0127		Tank Closure Report *(02 65 00 00-0080)* Note: Excludes soils tests. See CSI section 02 65 00 00-0006 for soil tests.		
02 65 00 00-0128	EA	Prepare Tank Closure Report	3,896.80	
02 65 00 00-0129		Temporary Tanks *(02 65)*		
02 65 00 00-0130		Temporary Holding Tanks *(02 65 00 00-0129)*		
02 65 00 00-0131		Above Ground Temporary Holding Tanks, Monthly Rental *(02 65 00 00-0130)*		
02 65 00 00-0132	MO	550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	896.27	
02 65 00 00-0133	MO	630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	896.27	
02 65 00 00-0134	MO	630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,792.54	
02 65 00 00-0135	MO	4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,344.41	
02 65 00 00-0136	MO	4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental	3,136.95	
02 65 00 00-0137	MO	6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental	2,240.68	
02 65 00 00-0138	MO	21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	5,522.13	
02 65 00 00-0139	MO	21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	6,617.79	
02 65 00 00-0140	MO	21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental	11,175.74	
02 65 00 00-0141		Secondary Containment Berm *(02 65 00 00-0129)*		
02 65 00 00-0142	MO	Secondary Containment Berm Monthly Rental	1,941.92	

02 80 Facility Remediation *(02)*

02 81 Transportation and Disposal of Hazardous Materials *(02 80)*

02 81 00 00-0001		Equipment Oil Drain And Disposal *(02 81)*		
02 81 00 00-0002	TRIP	Drain Oil Filled Equipment, Place In Approved Container And Transport To Disposal Site Note: Excludes Disposal Cost.	629.37	
02 81 00 00-0003	DRM	Disposal Of Non-Polychlorinated Biphenyl (PCB) Oil In Normal Landfill, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	98.90	
02 81 00 00-0004	DRM	Disposal Of Non-Toxic Polychlorinated Biphenyl (PCB) Oil Into A Lined Landfill, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	449.55	
02 81 00 00-0005	DRM	Disposal of Toxic Polychlorinated Biphenyl (PCB) Oil By Incineration, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	809.19	
02 81 00 00-0006	CF	Hazardous Polychlorinated Biphenyl (PCB) Oil Filled Equipment Disposal At Approved Site Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal.	107.93	

02 82 Asbestos Remediation *(02 80)*

See CSI section 01 56 16 00-0039 for temporary stud walls, 01 74 19 00-0048 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0020 for decontamination chambers.

02 82 13 Asbestos Abatement *(02 82)*

02 82 13 00-0001		Air Monitoring And Bulk Sampling, Asbestos Testing *(02 82 13)* Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Polarizing Light Microscope (PLM), Phase Contrast Microscope (PCM), and Transmission Electron Microscope (TEM). Excludes sampling time.		
02 82 13 00-0002	HR	Certified Asbestos Air Sampling Technician For Bulk Sampling Or Air Monitoring	94.65	
02 82 13 00-0003	EA	48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	58.55	
02 82 13 00-0004	EA	Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	68.65	
02 82 13 00-0005	EA	Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	109.03	
02 82 13 00-0006	EA	48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing	187.77	
02 82 13 00-0007	EA	Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing	228.15	
02 82 13 00-0008	EA	48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing	46.44	
02 82 13 00-0009	EA	Next Day Turnaround, (Air) PCM Test, Asbestos Testing	56.53	
02 82 13 00-0010	EA	Same Day Turnaround, (Air) PCM Test, Asbestos Testing	76.72	
02 82 13 00-0011	EA	48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test	58.55	
02 82 13 00-0012	EA	Next Day Turnaround, (Air Point Counting) PLM Test	68.65	
02 82 13 00-0013	EA	Same Day Turnaround, (Air Point Counting) PLM Test	109.03	
02 82 13 00-0014	EA	48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing	187.77	
02 82 13 00-0015	EA	Next Day Turnaround, (Air) TEM Test, Asbestos Testing	216.03	
02 82 13 00-0016	EA	Same Day Turnaround, (Air) TEM Test, Asbestos Testing	300.83	

02 82 16 Engineering Control of Asbestos Containing Materials *(02 82)*

02 82 16 00-0001 Asbestos Encapsulation (Lock-Down) *(02 82 16)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 16 00-0002	SF	Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat	1.65	
02 82 16 00-0003	SF	Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound)	2.24	
02 82 16 00-0004	SF	Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®)	2.42	
02 82 16 00-0005	SF	Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®)	2.64	
02 82 16 00-0006	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®)	8.10	
02 82 16 00-0007	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®)	9.16	

02 82 33 Removal and Disposal of Asbestos Containing Materials *(02 82)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, lockdown encapsulant applied to surfaces, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. This does not apply to glove bag projects.

02 82 33 00-0001 Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0002 Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0001)*

Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.

02 82 33 00-0003 Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0004	SET	Up To 20 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,188.63	
		For Work In Restricted Working Space, Add	*352.20*	
02 82 33 00-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	40.76	
		For Work In Restricted Working Space, Add	*12.01*	
02 82 33 00-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	30.75	
		For Work In Restricted Working Space, Add	*9.01*	
02 82 33 00-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	23.24	
		For Work In Restricted Working Space, Add	*6.75*	
02 82 33 00-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	17.62	
		For Work In Restricted Working Space, Add	*5.07*	
02 82 33 00-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	15.41	
		For Work In Restricted Working Space, Add	*4.40*	

02 82 33 00-0010 >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0011	SET	Up To 20 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,203.25	
		For Work In Restricted Working Space, Add	*352.20*	
02 82 33 00-0012	LF	>20 To 250 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	47.49	
		For Work In Restricted Working Space, Add	*13.81*	
02 82 33 00-0013	LF	>250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	35.98	
		For Work In Restricted Working Space, Add	*10.36*	
02 82 33 00-0014	LF	>500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	27.35	
		For Work In Restricted Working Space, Add	*7.77*	
02 82 33 00-0015	LF	>2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	20.87	
		For Work In Restricted Working Space, Add	*5.82*	
02 82 33 00-0016	LF	>10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	18.35	
		For Work In Restricted Working Space, Add	*5.07*	

02 82 33 00-0017 >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0018	SET	Up To 20 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,217.87	
		For Work In Restricted Working Space, Add	*352.20*	
02 82 33 00-0019	LF	>20 To 250 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	63.32	
		For Work In Restricted Working Space, Add	*18.41*	
02 82 33 00-0020	LF	>250 To 500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	47.98	
		For Work In Restricted Working Space, Add	*13.81*	
02 82 33 00-0021	LF	>500 To 2,500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	36.47	
		For Work In Restricted Working Space, Add	*10.36*	
02 82 33 00-0022	LF	>2,500 To 10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	27.83	
		For Work In Restricted Working Space, Add	*7.76*	
02 82 33 00-0023	LF	>10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	24.46	
		For Work In Restricted Working Space, Add	*6.75*	

02 82 33 00-0024 >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0025	SET	Up To 20 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,232.50	
		For Work In Restricted Working Space, Add	*352.20*	
02 82 33 00-0026	LF	>20 To 250 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	87.08	
		For Work In Restricted Working Space, Add	*25.32*	
02 82 33 00-0027	LF	>250 To 500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	65.96	
		For Work In Restricted Working Space, Add	*18.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0028	LF	>500 To 2,500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	50.14	
		For Work In Restricted Working Space, Add	*14.24*	
02 82 33 00-0029	LF	>2,500 To 10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	38.26	
		For Work In Restricted Working Space, Add	*10.67*	
02 82 33 00-0030	LF	>10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal	33.64	
		For Work In Restricted Working Space, Add	*9.29*	

02 82 33 00-0031 Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.

02 82 33 00-0032	SET	Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal	761.64	
		For Work In Restricted Working Space, Add	*227.18*	
02 82 33 00-0033	LF	>3 To 20 LF Additional Glove Bag Work for Pipe Insulation	127.67	
		For Work In Restricted Working Space, Add	*37.86*	
02 82 33 00-0034	LF	>20 To 250 LF Additional Glove Bag Work for Pipe Insulation	50.46	
		For Work In Restricted Working Space, Add	*14.70*	
02 82 33 00-0035	LF	>250 To 500 LF Additional Glove Bag Work for Pipe Insulation	38.19	
		For Work In Restricted Working Space, Add	*11.02*	
02 82 33 00-0036	LF	>500 LF Additional Glove Bag Work for Pipe Insulation	29.02	
		For Work In Restricted Working Space, Add	*8.27*	

02 82 33 00-0037 Thermal Insulation, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0038 Calcium Block Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0037)*

02 82 33 00-0039	SET	Up To 10 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	1,181.32	
02 82 33 00-0040	SF	>10 To 500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	48.56	
02 82 33 00-0041	SF	>500 To 2,500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	40.07	
02 82 33 00-0042	SF	>2,500 To 10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	32.17	
02 82 33 00-0043	SF	>10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	26.27	

02 82 33 00-0044 Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0037)*

02 82 33 00-0045	SET	Up To 10 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	1,177.67	
02 82 33 00-0046	SF	>10 To 500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	42.74	
02 82 33 00-0047	SF	>500 To 2,500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	34.24	
02 82 33 00-0048	SF	>2,500 To 10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	26.35	
02 82 33 00-0049	SF	>10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	20.44	

02 82 33 00-0050 Fibrous Glass Board Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0037)*

02 82 33 00-0051	SET	Up To 10 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	1,176.45	
02 82 33 00-0052	SF	>10 To 500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	37.91	
02 82 33 00-0053	SF	>500 To 2,500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	29.41	
02 82 33 00-0054	SF	>2,500 To 10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	21.52	
02 82 33 00-0055	SF	>10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	15.61	

02 82 33 00-0056 Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal *(02 82 33 00-0037)*

Note: e.g., duct, boiler, tank, etc.

02 82 33 00-0057	SET	Up To 25 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	1,183.15	
02 82 33 00-0058	SF	>25 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	40.40	
02 82 33 00-0059	SF	>500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	31.90	
02 82 33 00-0060	SF	>2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	24.00	
02 82 33 00-0061	SF	>10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	18.10	

02 82 33 00-0062 Surfacing Material, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0063 Fireproofing, Asbestos Abatement And Disposal *(02 82 33 00-0062)*

Note: Exposed surface area, includes associated overspray. See CSI section 02 82 33 00-0102 for asbestos abatement for up to 1 sf sections to expose area for attachments.

02 82 33 00-0064	SET	Up To 25 SF, Fireproofing, Asbestos Abatement And Disposal	1,183.15	
02 82 33 00-0065	SF	>25 To 500 SF, Fireproofing, Asbestos Abatement And Disposal	48.39	
02 82 33 00-0066	SF	>500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal	36.38	
02 82 33 00-0067	SF	>2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal	27.37	
02 82 33 00-0068	SF	>10,000 SF, Fireproofing, Asbestos Abatement And Disposal	20.62	

02 82 33 00-0069 Acoustical Plaster, Asbestos Abatement And Disposal *(02 82 33 00-0062)*

Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.

02 82 33 00-0070	SET	Up To 25 SF, Acoustical Plaster, Asbestos Abatement And Disposal	1,180.10	
02 82 33 00-0071	SF	>25 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	20.29	
02 82 33 00-0072	SF	>500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	15.40	
02 82 33 00-0073	SF	>2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	11.49	
02 82 33 00-0074	SF	>10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	8.56	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0075		**Gypsum Wall Board, Asbestos Abatement And Disposal** *(02 82 33 00-0062)*		
02 82 33 00-0076	SET	Up To 50 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	1,186.20	
		For Additional Layer, Add	*322.85*	
02 82 33 00-0077	SF	>50 To 500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	15.65	
		For Additional Layer, Add	*4.24*	
02 82 33 00-0078	SF	>500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	11.49	
		For Additional Layer, Add	*3.09*	
02 82 33 00-0079	SF	>2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	9.04	
		For Additional Layer, Add	*2.42*	
02 82 33 00-0080	SF	>10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	7.08	
		For Additional Layer, Add	*1.88*	
02 82 33 00-0081	SF	>50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	5.62	
		For Additional Layer, Add	*1.48*	
02 82 33 00-0082	SF	>100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	4.55	
		For Additional Layer, Add	*1.19*	
02 82 33 00-0083		**Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal** *(02 82 33 00-0062)*		
02 82 33 00-0084	SET	Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	1,180.10	
02 82 33 00-0085	SF	>25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	29.49	
02 82 33 00-0086	SF	>500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	21.67	
02 82 33 00-0087	SF	>2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	16.97	
02 82 33 00-0088	SF	>10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	13.25	
02 82 33 00-0089	SF	>50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	9.53	
02 82 33 00-0090		**Stucco, Asbestos Abatement And Disposal** *(02 82 33 00-0062)*		
02 82 33 00-0091	SET	Up To 50 SF, Stucco, Asbestos Abatement And Disposal	1,186.20	
02 82 33 00-0092	SF	>50 To 500 SF, Stucco, Asbestos Abatement And Disposal	25.77	
02 82 33 00-0093	SF	>500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal	19.36	
02 82 33 00-0094	SF	>2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal	14.60	
02 82 33 00-0095	SF	>10,000 SF, Stucco, Asbestos Abatement And Disposal	11.00	
02 82 33 00-0096		**Spray On Acoustical Ceiling, Asbestos Abatement And Disposal** *(02 82 33 00-0062)*		
02 82 33 00-0097	SET	Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	1,186.20	
02 82 33 00-0098	SF	>50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	13.29	
02 82 33 00-0099	SF	>500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	10.27	
02 82 33 00-0100	SF	>2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	7.59	
02 82 33 00-0101	SF	>10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	5.74	
02 82 33 00-0102		**Fireproofing For Small Areas, Asbestos Abatement And Disposal** *(02 82 33 00-0062)* Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0063 for areas > 1 SF.		
02 82 33 00-0103	EA	Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.	196.04	
02 82 33 00-0104		**Plywood, Asbestos Abatement And Disposal** *(02 82 33 00-0062)*		
02 82 33 00-0105	SET	Up To 40 SF, Plywood, Asbestos Abatement And Disposal	1,183.76	
02 82 33 00-0106	SF	>50 To 500 SF, Plywood, Asbestos Abatement And Disposal	16.87	
02 82 33 00-0107	SF	>500 To 2,500 SF, Plywood, Asbestos Abatement And Disposal	8.25	
02 82 33 00-0108	SF	>2,500 To 10,000 SF, Plywood, Asbestos Abatement And Disposal	5.64	
02 82 33 00-0109	SF	>10,000 SF, Plywood, Asbestos Abatement And Disposal	4.84	
02 82 33 00-0110		**Flooring Material, Asbestos Abatement And Disposal** *(02 82 33)*		
02 82 33 00-0111		**Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal** *(02 82 33 00-0110)*		
02 82 33 00-0112		**Floor Tile, Asbestos Abatement And Disposal** *(02 82 33 00-0111)* Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0113	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	1,176.45	
		For Each Additional Layer, Add	*176.47*	
02 82 33 00-0114	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	8.25	
		For Each Additional Layer, Add	*1.24*	
02 82 33 00-0115	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	6.74	
		For Each Additional Layer, Add	*1.01*	
02 82 33 00-0116	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	5.37	
		For Each Additional Layer, Add	*0.81*	
02 82 33 00-0117	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	3.72	
		For Each Additional Layer, Add	*0.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 82 33 00-0118 Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal *(02 82 33 00-0111)*

Note: Single layer or first of multiple layers. Excludes mastic.

02 82 33 00-0119	SET	Up To 100 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	1,176.45	
		For Each Additional Layer, Add	*176.47*	
02 82 33 00-0120	SF	>100 To 500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	8.25	
		For Each Additional Layer, Add	*1.24*	
02 82 33 00-0121	SF	>500 To 2,500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	6.77	
		For Each Additional Layer, Add	*1.02*	
02 82 33 00-0122	SF	>2,500 To 10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	6.14	
		For Each Additional Layer, Add	*0.92*	
02 82 33 00-0123	SF	>10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	4.97	
		For Each Additional Layer, Add	*0.75*	

02 82 33 00-0124 Carpet, Asbestos Abatement And Disposal *(02 82 33 00-0111)*

02 82 33 00-0125	SET	Up To 100 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	1,176.45	
02 82 33 00-0126	SF	>100 To 500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	6.45	
02 82 33 00-0127	SF	>500 To 2,500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	5.22	
02 82 33 00-0128	SF	>2,500 To 10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	3.80	
02 82 33 00-0129	SF	>10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	2.90	

02 82 33 00-0130 Wall Or Cove Base, Asbestos Abatement And Disposal *(02 82 33 00-0111)*

Note: Up to 12".

02 82 33 00-0131	SET	Up To 25 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	394.39	
02 82 33 00-0132	LF	>25 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	5.34	
02 82 33 00-0133	LF	>100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	3.25	
02 82 33 00-0134	LF	>500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	2.08	
02 82 33 00-0135	LF	>2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	1.49	

02 82 33 00-0136 Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0110)*

Note: Applies to single layer or bottom layer only of multiple layers. Non hydrocarbon with pine, citrus or no odor.

02 82 33 00-0137	SET	Up To 100 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	1,180.11	
02 82 33 00-0138	SF	>100 To 500 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	2.99	
02 82 33 00-0139	SF	>500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	2.21	
02 82 33 00-0140	SF	>2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	1.72	
02 82 33 00-0141	SF	>10,000 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	1.39	

02 82 33 00-0142 Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal *(02 82 33 00-0110)*

Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.

02 82 33 00-0143	SET	Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	1,198.38	
02 82 33 00-0144	SF	>100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	9.49	
02 82 33 00-0145	SF	>500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	6.99	
02 82 33 00-0146	SF	>2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.52	
02 82 33 00-0147	SF	>10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	4.35	

02 82 33 00-0148 Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal *(02 82 33 00-0110)*

02 82 33 00-0149	SET	Up To 100 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	1,186.19	
02 82 33 00-0150	SF	>100 To 500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	10.59	
02 82 33 00-0151	SF	>500 To 2,500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	6.96	
02 82 33 00-0152	SF	>2,500 To 10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	5.50	
02 82 33 00-0153	SF	>10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	4.53	

02 82 33 00-0154 Roofing, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0155 Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0154)*

Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc.

02 82 33 00-0156 Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0155)*

02 82 33 00-0157	SET	Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,204.48	
02 82 33 00-0158	SF	>125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	7.75	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0159	SF	>1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	6.25	
02 82 33 00-0160	SF	>5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.04	
02 82 33 00-0161	SF	>10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.84	
02 82 33 00-0162	SF	>20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	2.94	
02 82 33 00-0163		>2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0155)*		
02 82 33 00-0164	SET	Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,227.62	
02 82 33 00-0165	SF	>110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	9.04	
02 82 33 00-0166	SF	>1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	7.30	
02 82 33 00-0167	SF	>5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.98	
02 82 33 00-0168	SF	>10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.60	
02 82 33 00-0169	SF	>20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.56	
02 82 33 00-0170		>5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0155)*		
02 82 33 00-0171	SET	Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,254.43	
02 82 33 00-0172	SF	>110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	10.22	
02 82 33 00-0173	SF	>1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	8.29	
02 82 33 00-0174	SF	>5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	6.83	
02 82 33 00-0175	SF	>10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.30	
02 82 33 00-0176	SF	>20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.14	
02 82 33 00-0177		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0154)*		
02 82 33 00-0178		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0177)*		
02 82 33 00-0179	SET	Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1,181.63	
02 82 33 00-0180	SF	>125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	7.57	
		For Each Additional Layer, Add	*1.51*	
02 82 33 00-0181	SF	>1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	6.07	
		For Each Additional Layer, Add	*1.21*	
02 82 33 00-0182	SF	>5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	4.86	
		For Each Additional Layer, Add	*0.97*	
02 82 33 00-0183	SF	>10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.66	
		For Each Additional Layer, Add	*0.73*	
02 82 33 00-0184	SF	>20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.76	
		For Each Additional Layer, Add	*0.55*	
02 82 33 00-0185		Roof Penetration Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0154)*		
02 82 33 00-0186	SET	Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	391.95	
02 82 33 00-0187	SF	>10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.99	
02 82 33 00-0188	SF	>50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.47	
02 82 33 00-0189	SF	>100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.00	
02 82 33 00-0190	SF	>250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	1.47	
02 82 33 00-0191		Roof Curb Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0154)*		
02 82 33 00-0192	SET	Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	391.95	
02 82 33 00-0193	LF	>10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	8.86	
02 82 33 00-0194	LF	>20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	7.11	
02 82 33 00-0195	LF	>50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	5.93	
02 82 33 00-0196	LF	>150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	4.28	
02 82 33 00-0197		Asbestos-Cement Products, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0198		Interior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0197)* Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0199	SET	Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1,186.19	
02 82 33 00-0200	SF	>100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	8.13	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0201	SF	>500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	4.12	
02 82 33 00-0202	SF	>2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	3.32	
02 82 33 00-0203	SF	>10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.90	
02 82 33 00-0204		Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0197)*		
02 82 33 00-0205	SET	Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	1,186.19	
02 82 33 00-0206	SF	>100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	7.07	
02 82 33 00-0207	SF	>500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.68	
02 82 33 00-0208	SF	>2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	2.96	
02 82 33 00-0209	SF	>10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	2.59	
02 82 33 00-0210		Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal *(02 82 33 00-0197)*		
02 82 33 00-0211	SET	Up To 10 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	992.97	
02 82 33 00-0212	LF	>10 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	41.49	
02 82 33 00-0213	LF	>100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	31.48	
02 82 33 00-0214	LF	>250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	23.97	
02 82 33 00-0215	LF	>500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	18.35	
02 82 33 00-0216	LF	>2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	14.12	
02 82 33 00-0217	LF	>10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	13.82	
02 82 33 00-0218		Exterior Transite Siding, Asbestos Abatement And Disposal *(02 82 33 00-0197)*		
02 82 33 00-0219	SET	Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1,194.66	
02 82 33 00-0220	SF	>125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	6.38	
02 82 33 00-0221	SF	>1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	5.12	
02 82 33 00-0222	SF	>5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	4.12	
02 82 33 00-0223	SF	>10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.12	
02 82 33 00-0224	SF	>20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.38	
02 82 33 00-0225		Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0226		Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82 33 00-0225)*		
02 82 33 00-0227	SET	Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	797.30	
		For Work In Restricted Working Space, Add	*234.80*	
02 82 33 00-0228	CF	>10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	79.28	
		For Work In Restricted Working Space, Add	*23.35*	
02 82 33 00-0229	CF	>100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	53.35	
		For Work In Restricted Working Space, Add	*15.57*	
02 82 33 00-0230	CF	>250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	40.43	
		For Work In Restricted Working Space, Add	*11.69*	
02 82 33 00-0231	CF	>500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	32.59	
		For Work In Restricted Working Space, Add	*9.34*	
02 82 33 00-0232	CF	>2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	27.92	
		For Work In Restricted Working Space, Add	*7.94*	
02 82 33 00-0233	CF	>10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	25.26	
		For Work In Restricted Working Space, Add	*7.14*	
02 82 33 00-0234		Other Asbestos Containing Materials, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0235		30" To 36" Fire Door, Asbestos Abatement And Disposal *(02 82 33 00-0234)*		
02 82 33 00-0236	SET	Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	397.92	
02 82 33 00-0237	EA	>1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	147.46	
02 82 33 00-0238	EA	>20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	133.38	
02 82 33 00-0239		HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal *(02 82 33 00-0234)*		
02 82 33 00-0240	SET	Up To 10 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	391.64	
02 82 33 00-0241	LF	>10 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	8.04	
02 82 33 00-0242	LF	>50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	6.03	
02 82 33 00-0243	LF	>100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	5.20	
02 82 33 00-0244	LF	>250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.47	
02 82 33 00-0245	LF	>1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.84	
02 82 33 00-0246	LF	>2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0247		**Grout, Asbestos Abatement And Disposal** *(02 82 33 00-0234)* Note: e.g. flue grout.		
02 82 33 00-0248	SET	Up To 10 LF, Grout, Asbestos Abatement And Disposal	391.54	
02 82 33 00-0249	LF	>10 To 50 LF, Grout, Asbestos Abatement And Disposal	15.43	
02 82 33 00-0250	LF	>50 To 100 LF, Grout, Asbestos Abatement And Disposal	10.63	
02 82 33 00-0251	LF	>100 To 250 LF, Grout, Asbestos Abatement And Disposal	9.11	
02 82 33 00-0252	LF	>250 To 1,000 LF, Grout, Asbestos Abatement And Disposal	7.83	
02 82 33 00-0253	LF	>1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal	6.75	
02 82 33 00-0254	LF	>2,500 LF, Grout, Asbestos Abatement And Disposal	5.78	
02 82 33 00-0255		**Gaskets, Asbestos Abatement And Disposal** *(02 82 33 00-0234)* Note: e.g. rope, web cloth, flat.		
02 82 33 00-0256	SET	Up To 10 LF, Gaskets, Asbestos Abatement And Disposal	391.64	
02 82 33 00-0257	LF	>10 To 50 LF, Gaskets, Asbestos Abatement And Disposal	20.79	
02 82 33 00-0258	LF	>50 To 250 LF, Gaskets, Asbestos Abatement And Disposal	15.59	
02 82 33 00-0259	LF	>250 To 500 LF, Gaskets, Asbestos Abatement And Disposal	13.29	
02 82 33 00-0260	LF	>500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal	11.96	
02 82 33 00-0261	LF	>1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal	10.76	
02 82 33 00-0262	LF	>2,500 LF, Gaskets, Asbestos Abatement And Disposal	10.23	
02 82 33 00-0263		**Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal** *(02 82 33 00-0234)* Note: e.g. grid, spline, or glued on.		
02 82 33 00-0264	SET	Up To 50 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	788.77	
02 82 33 00-0265	SF	>50 To 1,000 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	16.75	
02 82 33 00-0266	SF	>1,000 To 2,500 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	8.13	
02 82 33 00-0267	SF	>2,500 To 10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	5.52	
02 82 33 00-0268	SF	>10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	4.72	
02 82 33 00-0269		**Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal** *(02 82 33 00-0234)* Note: Includes ceiling tile, asbestos barrier paper, and furring strips.		
02 82 33 00-0270	SET	Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	785.97	
02 82 33 00-0271	SF	>50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	16.75	
02 82 33 00-0272	SF	>1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	8.13	
02 82 33 00-0273	SF	>2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.52	
02 82 33 00-0274	SF	>10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	4.72	
02 82 33 00-0275		**Caulking, Asbestos Abatement And Disposal** *(02 82 33 00-0234)*		
02 82 33 00-0276		**Non Friable Caulking, Asbestos Abatement And Disposal** *(02 82 33 00-0275)*		
02 82 33 00-0277	SET	Up To 10 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	391.54	
02 82 33 00-0278	LF	>10 To 50 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	11.57	
02 82 33 00-0279	LF	>50 To 100 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	8.16	
02 82 33 00-0280	LF	>100 To 250 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	6.07	
02 82 33 00-0281	LF	>250 To 1,000 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	4.57	
02 82 33 00-0282	LF	>1,000 To 2,500 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	3.62	
02 82 33 00-0283	LF	>2,500 LF, Non Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	3.14	
02 82 33 00-0284		**Wood Wall Joint Compound, Asbestos Abatement And Disposal** *(02 82 33 00-0234)*		
02 82 33 00-0285	SET	Up To 10 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal	783.29	
02 82 33 00-0286	SF	>10 To 500 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal	15.47	
02 82 33 00-0287	SF	>500 To 2,500 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal	11.31	
02 82 33 00-0288	SF	>2,500 To 10,000 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal	8.86	
02 82 33 00-0289	SF	>10,000 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal	6.90	
02 82 33 00-0290		**Chalk Board Mastic, Asbestos Abatement And Disposal** *(02 82 33 00-0234)*		
02 82 33 00-0291	SET	Up To 100 SF, Chalk Board Mastic, Asbestos Abatement And Disposal	397.44	
02 82 33 00-0292	SF	>100 To 1,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal	16.69	
02 82 33 00-0293	SF	>1,000 To 2,500 SF, Chalk Board Mastic, Asbestos Abatement And Disposal	8.07	
02 82 33 00-0294	SF	>2,500 To 10,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal	5.46	
02 82 33 00-0295	SF	>10,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal	4.66	
02 82 33 00-0296		**Tack Board Mastic, Asbestos Abatement And Disposal** *(02 82 33 00-0234)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0297	SET	Up To 100 SF, Tack Board Mastic, Asbestos Abatement And Disposal	397.44	
02 82 33 00-0298	SF	>100 To 1,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal	16.69	
02 82 33 00-0299	SF	>1,000 To 2,500 SF, Tack Board Mastic, Asbestos Abatement And Disposal	8.07	
02 82 33 00-0300	SF	>2,500 To 10,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal	5.46	
02 82 33 00-0301	SF	>10,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal	4.66	
02 82 33 00-0302		Dash Coat Over Wood Walls, Asbestos Abatement And Disposal *(02 82 33 00-0234)*		
02 82 33 00-0303	SET	Up To 10 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal	783.29	
02 82 33 00-0304	SF	>10 To 500 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal	17.18	
02 82 33 00-0305	SF	>500 To 2,500 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal	12.82	
02 82 33 00-0306	SF	>2,500 To 10,000 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal	9.63	
02 82 33 00-0307	SF	>10,000 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal	7.25	
02 82 33 00-0308		HEPA Vacuum, Asbestos Abatement And Disposal *(02 82 33 00-0234)* Note: For adjacent areas.		
02 82 33 00-0309	SF	High Efficiency Particulate Air (HEPA) Vacuum And Cleaning Of Contaminated Area	0.75	
02 82 33 00-0310		Window Putty, Asbestos Abatement And Disposal *(02 82 33 00-0234)*		
02 82 33 00-0311	SET	Up To 10 LF, Window Putty, Asbestos Abatement And Disposal	391.54	
02 82 33 00-0312	LF	>10 To 50 LF, Window Putty, Asbestos Abatement And Disposal	15.43	
02 82 33 00-0313	LF	>50 To 100 LF, Window Putty, Asbestos Abatement And Disposal	10.63	
02 82 33 00-0314	LF	>100 To 250 LF, Window Putty, Asbestos Abatement And Disposal	9.11	
02 82 33 00-0315	LF	>250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal	7.83	
02 82 33 00-0316	LF	>1,000 LF, Window Putty, Asbestos Abatement And Disposal	6.75	
02 82 33 00-0317		Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal *(02 82 33 00-0234)*		
02 82 33 00-0318	SET	Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	810.75	
02 82 33 00-0319	EA	>4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	77.06	
02 82 33 00-0320	EA	>40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	53.72	
02 82 33 00-0321	EA	>60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	42.10	
02 82 33 00-0322	EA	>125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	35.04	
02 82 33 00-0323	EA	>625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	30.83	
02 82 33 00-0324	EA	>1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	28.45	

02 83 Lead Remediation *(02 80)*

See CSI section 01 56 16 00-0039 for temporary stud walls, 01 74 19 00-0048 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0020 for decontamination chambers.

02 83 19 Lead-Based Paint Remediation *(02 83)*

02 83 19 13 Lead-Based Paint Abatement *(02 83 19)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 56 16 00-0039 for temporary stud walls, 01 74 19 00-0048 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting.

02 83 19 13-0001		Minimum Charge For Lead-Based Paint Remediation *(02 83 19 13)*		
02 83 19 13-0002	EA	Lead-Based Paint Remediation Minimum Show Up Charge Note: For projects where the total lead-based paint remediation charge is less than the minimum charge, use task "Minimum Charge For Lead-Based Paint Remediation" exclusively. Task "Minimum Charge For Lead-Based Paint Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.	1,221.80	
02 83 19 13-0003		Lead Sampling And Testing *(02 83 19 13)* Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Excludes sampling time.		
02 83 19 13-0004	HR	Certified Lead Sampling Technician For Bulk Sampling Or Air Monitoring	92.11	
02 83 19 13-0005	EA	X-Ray Fluorescence (XRF) Lead Testing Note: Including Technician, 3 Readings Per Surface And Lab Fee	69.60	
02 83 19 13-0006	EA	5 Day Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	66.63	
02 83 19 13-0007	EA	48 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	100.95	
02 83 19 13-0008	EA	24 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	141.33	
02 83 19 13-0009	EA	5 Day Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	26.25	
02 83 19 13-0010	EA	24 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	40.38	
02 83 19 13-0011	EA	8 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	50.48	
02 83 19 13-0012	EA	5 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	66.63	
02 83 19 13-0013	EA	3 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	100.95	
02 83 19 13-0014	EA	5 Day Turnaround Lead Wipe Samples And Lab Fee	11.10	
02 83 19 13-0015	EA	24 Hour Turnaround Lead Wipe Samples And Lab Fee	15.14	
02 83 19 13-0016	EA	8 Hour Turnaround Lead Wipe Samples And Lab Fee	22.21	
02 83 19 13-0017	EA	5 Day Turnaround Lead Bulk Samples And Lab Fee	11.10	
02 83 19 13-0018	EA	24 Hour Turnaround Lead Bulk Samples And Lab Fee	15.14	
02 83 19 13-0019	EA	8 Hour Turnaround Lead Bulk Samples And Lab Fee	22.21	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0020	EA	5 Day Turnaround Lead Air Samples And Lab Fee	11.10	
02 83 19 13-0021	EA	24 Hour Turnaround Lead Air Samples And Lab Fee	15.14	
02 83 19 13-0022	EA	8 Hour Turnaround Lead Air Samples And Lab Fee	22.21	
02 83 19 13-0023	EA	5 Day Turnaround Lead Water Test and Lab Fee	40.38	
02 83 19 13-0024	EA	24 Hour Turnaround Lead Water Test and Lab Fee	60.57	
02 83 19 13-0025	EA	8 Hour Turnaround Lead Water Test and Lab Fee	80.76	
02 83 19 13-0026	EA	5 Day Turnaround Lead Paint Chip Test and Lab Fee	41.76	
02 83 19 13-0027	EA	5 Day Turnaround Lead Soil Test and Lab Fee	83.52	

02 83 19 13-0028 Scrape And Sand Lead Paint *(02 83 19 13)*

02 83 19 13-0029	SF	Hand Scrape Lead Paint From Concrete Or Masonry Surfaces	1.33	
02 83 19 13-0030	SF	Scrape Lead Paint, Repair And Sand Severely Damaged Drywall Surfaces	1.38	
02 83 19 13-0031	SF	Hand Scrape Lead Paint From Wood Surfaces	1.82	
02 83 19 13-0032	SF	Hand Scraping And Sanding Lead Paint From Metal Surfaces	1.87	

02 83 19 13-0033 Chemical Stripping Of Lead Contaminated Material *(02 83 19 13)*

Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0034	SF	Balustrades, Chemical Stripping Of Lead Contaminated Material	35.30	
		For 0.025" (25 mil) Application, Add	*2.00*	
		For 0.03" (30 mil) Application, Add	*3.15*	
02 83 19 13-0035	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	52.36	
		For 0.025" (25 mil) Application, Add	*2.86*	
		For 0.03" (30 mil) Application, Add	*4.43*	
02 83 19 13-0036	LF	Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	15.17	
		For 0.025" (25 mil) Application, Add	*0.90*	
		For 0.03" (30 mil) Application, Add	*1.44*	
		For 0.125" (125 mil) Application, Add	*8.11*	
02 83 19 13-0037	LF	>6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	30.97	
		For 0.025" (25 mil) Application, Add	*1.69*	
		For 0.03" (30 mil) Application, Add	*2.63*	
		For 0.125" (125 mil) Application, Add	*12.06*	
02 83 19 13-0038	SF	Cornice, Chemical Stripping Of Lead Contaminated Material	16.48	
		For 0.025" (25 mil) Application, Add	*1.06*	
		For 0.03" (30 mil) Application, Add	*1.74*	
02 83 19 13-0039	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material	46.67	
		For 0.025" (25 mil) Application, Add	*2.57*	
		For 0.03" (30 mil) Application, Add	*4.01*	
02 83 19 13-0040	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material	10.17	
		For 0.025" (25 mil) Application, Add	*0.70*	
		For 0.03" (30 mil) Application, Add	*1.17*	
		For 0.125" (125 mil) Application, Add	*8.30*	
02 83 19 13-0041	SF	Cabinets, Chemical Stripping Of Lead Contaminated Material	29.52	
		For 0.025" (25 mil) Application, Add	*1.67*	
		For 0.03" (30 mil) Application, Add	*2.62*	
02 83 19 13-0042	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material	37.62	
		For 0.025" (25 mil) Application, Add	*2.07*	
		For 0.03" (30 mil) Application, Add	*3.23*	
02 83 19 13-0043	SF	Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material	14.02	
		For 0.025" (25 mil) Application, Add	*0.89*	
		For 0.03" (30 mil) Application, Add	*1.46*	
02 83 19 13-0044	SF	Columns, Chemical Stripping Of Lead Contaminated Material	13.48	
		For 0.025" (25 mil) Application, Add	*0.91*	
		For 0.03" (30 mil) Application, Add	*1.52*	
		For 0.125" (125 mil) Application, Add	*10.51*	
02 83 19 13-0045	SF	Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material	11.88	
		For 0.025" (25 mil) Application, Add	*0.79*	
		For 0.03" (30 mil) Application, Add	*1.30*	
02 83 19 13-0046	SF	Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material	14.59	
		For 0.025" (25 mil) Application, Add	*0.92*	
		For 0.03" (30 mil) Application, Add	*1.50*	
02 83 19 13-0047	SF	Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated	21.49	
		For 0.025" (25 mil) Application, Add	*1.31*	
		For 0.03" (30 mil) Application, Add	*2.12*	
02 83 19 13-0048	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material	61.43	
		For 0.025" (25 mil) Application, Add	*3.45*	
		For 0.03" (30 mil) Application, Add	*5.42*	
02 83 19 13-0049	LF	Door Frames, Chemical Stripping Of Lead Contaminated Material	15.24	
		For 0.025" (25 mil) Application, Add	*0.95*	
		For 0.03" (30 mil) Application, Add	*1.55*	
02 83 19 13-0050	SF	Wood Floors, Chemical Stripping Of Lead Contaminated Material	8.38	
		For 0.025" (25 mil) Application, Add	*0.61*	
		For 0.03" (30 mil) Application, Add	*1.04*	
02 83 19 13-0051	SF	HVAC Grilles, Chemical Stripping Of Lead Contaminated Material	31.55	
		For 0.025" (25 mil) Application, Add	*1.77*	
		For 0.03" (30 mil) Application, Add	*2.77*	
02 83 19 13-0052	SF	HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material	37.62	
		For 0.025" (25 mil) Application, Add	*2.07*	
		For 0.03" (30 mil) Application, Add	*3.23*	

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02 83 19 13-0053	EA	Hinges, Chemical Stripping Of Lead Contaminated Material	19.76	
		For 0.025" (25 mil) Application, Add	*1.27*	
		For 0.03" (30 mil) Application, Add	*2.09*	
02 83 19 13-0054	EA	Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material	24.34	
		For 0.025" (25 mil) Application, Add	*1.50*	
		For 0.03" (30 mil) Application, Add	*2.43*	
		For 0.125" (125 mil) Application, Add	*14.67*	
02 83 19 13-0055	LF	Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	6.80	
		For 0.025" (25 mil) Application, Add	*0.48*	
		For 0.03" (30 mil) Application, Add	*0.82*	
		For 0.125" (125 mil) Application, Add	*6.02*	
02 83 19 13-0056	LF	>2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	10.91	
		For 0.025" (25 mil) Application, Add	*0.69*	
		For 0.03" (30 mil) Application, Add	*1.12*	
		For 0.125" (125 mil) Application, Add	*7.05*	
02 83 19 13-0057	LF	>4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	19.52	
		For 0.025" (25 mil) Application, Add	*1.21*	
		For 0.03" (30 mil) Application, Add	*1.97*	
		For 0.125" (125 mil) Application, Add	*12.02*	
02 83 19 13-0058	LF	>8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	26.75	
		For 0.025" (25 mil) Application, Add	*1.62*	
		For 0.03" (30 mil) Application, Add	*2.61*	
		For 0.125" (125 mil) Application, Add	*15.27*	
02 83 19 13-0059	LF	>12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	47.98	
		For 0.025" (25 mil) Application, Add	*2.83*	
		For 0.03" (30 mil) Application, Add	*4.51*	
		For 0.125" (125 mil) Application, Add	*24.90*	
02 83 19 13-0060	SF	>16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area	14.33	
		For 0.025" (25 mil) Application, Add	*0.82*	
		For 0.03" (30 mil) Application, Add	*1.29*	
		For 0.125" (125 mil) Application, Add	*6.64*	
02 83 19 13-0061	EA	Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material	284.98	
		For 0.025" (25 mil) Application, Add	*15.64*	
		For 0.03" (30 mil) Application, Add	*24.32*	
02 83 19 13-0062	SF	Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material	19.96	
		For 0.025" (25 mil) Application, Add	*1.54*	
		For 0.03" (30 mil) Application, Add	*2.64*	
02 83 19 13-0063	SF	Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material	21.84	
		For 0.025" (25 mil) Application, Add	*1.63*	
		For 0.03" (30 mil) Application, Add	*2.78*	
02 83 19 13-0064	SF	Siding, Chemical Stripping Of Lead Contaminated Material	11.38	
		For 0.025" (25 mil) Application, Add	*0.81*	
		For 0.03" (30 mil) Application, Add	*1.36*	
		For 0.125" (125 mil) Application, Add	*9.99*	
02 83 19 13-0065	SF	Soffit, Chemical Stripping Of Lead Contaminated Material	23.88	
		For 0.025" (25 mil) Application, Add	*1.39*	
		For 0.03" (30 mil) Application, Add	*2.20*	
		For 0.125" (125 mil) Application, Add	*11.73*	
02 83 19 13-0066	SF	Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material	10.98	
		For 0.025" (25 mil) Application, Add	*0.74*	
		For 0.03" (30 mil) Application, Add	*1.23*	
		For 0.125" (125 mil) Application, Add	*8.51*	
02 83 19 13-0067	SF	Corrugated Steel, Chemical Stripping Of Lead Contaminated Material	12.48	
		For 0.025" (25 mil) Application, Add	*0.82*	
		For 0.03" (30 mil) Application, Add	*1.34*	
		For 0.125" (125 mil) Application, Add	*8.88*	
02 83 19 13-0068	SF	Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material	12.44	
		For 0.025" (25 mil) Application, Add	*0.81*	
		For 0.03" (30 mil) Application, Add	*1.34*	
		For 0.125" (125 mil) Application, Add	*8.87*	
02 83 19 13-0069	SF	Steel Trusses, Chemical Stripping Of Lead Contaminated Material	17.62	
		For 0.025" (25 mil) Application, Add	*1.07*	
		For 0.03" (30 mil) Application, Add	*1.73*	
		For 0.125" (125 mil) Application, Add	*10.17*	
02 83 19 13-0070	SF	Wood Surfaces, Chemical Stripping Of Lead Contaminated Material	12.44	
		For 0.025" (25 mil) Application, Add	*0.81*	
		For 0.03" (30 mil) Application, Add	*1.34*	
		For 0.125" (125 mil) Application, Add	*8.87*	
02 83 19 13-0071	SF	Windows (Sash, Sill, Jambs, Casing Trim), One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material	28.65	
		For 0.025" (25 mil) Application, Add	*1.62*	
		For 0.03" (30 mil) Application, Add	*2.56*	
02 83 19 13-0072	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material	31.36	
		For 0.025" (25 mil) Application, Add	*1.76*	
		For 0.03" (30 mil) Application, Add	*2.76*	
02 83 19 13-0073	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material	33.19	
		For 0.025" (25 mil) Application, Add	*1.85*	
		For 0.03" (30 mil) Application, Add	*2.90*	
02 83 19 13-0074	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material	35.03	
		For 0.025" (25 mil) Application, Add	*1.94*	
		For 0.03" (30 mil) Application, Add	*3.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0075	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material	36.86	
		For 0.025" (25 mil) Application, Add	*2.04*	
		For 0.03" (30 mil) Application, Add	*3.17*	
02 83 19 13-0076	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material	38.76	
		For 0.025" (25 mil) Application, Add	*2.13*	
		For 0.03" (30 mil) Application, Add	*3.32*	
02 83 19 13-0077	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material	40.54	
		For 0.025" (25 mil) Application, Add	*2.22*	
		For 0.03" (30 mil) Application, Add	*3.45*	
02 83 19 13-0078	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material	41.46	
		For 0.025" (25 mil) Application, Add	*2.27*	
		For 0.03" (30 mil) Application, Add	*3.52*	
02 83 19 13-0079	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material	42.39	
		For 0.025" (25 mil) Application, Add	*2.31*	
		For 0.03" (30 mil) Application, Add	*3.59*	
02 83 19 13-0080	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material	43.28	
		For 0.025" (25 mil) Application, Add	*2.36*	
		For 0.03" (30 mil) Application, Add	*3.65*	
02 83 19 13-0081	SF	Metal Stairs, Chemical Stripping Of Lead Contaminated Material	57.18	
		For 0.025" (25 mil) Application, Add	*3.24*	
		For 0.03" (30 mil) Application, Add	*5.10*	
		For 0.125" (125 mil) Application, Add	*25.76*	
02 83 19 13-0082	LF	Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material	9.93	
		For 0.025" (25 mil) Application, Add	*0.64*	
		For 0.03" (30 mil) Application, Add	*1.05*	
		For 0.125" (125 mil) Application, Add	*6.80*	
02 83 19 13-0083	SF	Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.	29.07	
		For 0.025" (25 mil) Application, Add	*1.74*	
		For 0.03" (30 mil) Application, Add	*2.79*	
		For 0.125" (125 mil) Application, Add	*15.85*	
02 83 19 13-0084	SF	Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material	31.78	
		For 0.025" (25 mil) Application, Add	*1.83*	
		For 0.03" (30 mil) Application, Add	*2.89*	
		For 0.125" (125 mil) Application, Add	*15.09*	
02 83 19 13-0085	LF	2" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	2.93	
		For 0.025" (25 mil) Application, Add	*0.18*	
		For 0.03" (30 mil) Application, Add	*0.29*	
02 83 19 13-0086	LF	3" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	4.38	
		For 0.025" (25 mil) Application, Add	*0.27*	
		For 0.03" (30 mil) Application, Add	*0.43*	
02 83 19 13-0087	LF	6" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	5.84	
		For 0.025" (25 mil) Application, Add	*0.36*	
		For 0.03" (30 mil) Application, Add	*0.57*	
02 83 19 13-0088	SF	Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	10.17	
		For 0.025" (25 mil) Application, Add	*0.70*	
		For 0.03" (30 mil) Application, Add	*1.17*	

02 83 19 13-0089 Demolish Lead Contaminated Material *(02 83 19 13)*

Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0090	SF	Demolish Ceiling Suspension System, Lead Contaminated Material		2.51
02 83 19 13-0091	SF	Demolish Up To 100 SF Gypsum Wall Board, Lead Contaminated Material		7.37
02 83 19 13-0092	SF	Demolish >100 To 500 SF Gypsum Wall Board, Lead Contaminated Material		5.30
02 83 19 13-0093	SF	Demolish >500 To 2,500 SF Gypsum Wall Board, Lead Contaminated Material		4.14
02 83 19 13-0094	SF	Demolish >2,500 SF Gypsum Wall Board, Lead Contaminated Material		3.22
02 83 19 13-0095	SF	Demolish Up To 100 SF Plaster/Stucco, Lead Contaminated Material		23.03
02 83 19 13-0096	SF	Demolish >100 To 500 SF Plaster/Stucco, Lead Contaminated Material		16.38
02 83 19 13-0097	SF	Demolish >500 To 2,500 SF Plaster/Stucco, Lead Contaminated Material		12.29
02 83 19 13-0098	SF	Demolish >2,500 To 10,000 SF Plaster/Stucco, Lead Contaminated Material		9.21
02 83 19 13-0099	SF	Demolish Suspended Ceiling System And Tile, Lead Contaminated Material		1.46
02 83 19 13-0100	SF	Demolish Acoustical Ceiling Tile, Lead Contaminated Material		0.94
02 83 19 13-0101	SF	Demolish Metal Pan Grid System, Lead Contaminated Material		1.45
02 83 19 13-0102	EA	Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material		70.14
02 83 19 13-0103	EA	Demolish >2' x 4' Light Fixtures, Lead Contaminated Material		93.04
02 83 19 13-0104	SF	Demolish Non Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material		10.39
02 83 19 13-0105	SF	Demolish Non Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material		5.82
02 83 19 13-0106	SF	Demolish Brick, Lead Contaminated Material		4.38
02 83 19 13-0107	SF	Demolish Concrete Block, Lead Contaminated Material		5.64
02 83 19 13-0108	SF	Demolish Tile, Lead Contaminated Material		4.25
02 83 19 13-0109	SF	Demolish Up To 6" Concrete, Lead Contaminated Material		6.38
02 83 19 13-0110	IN	Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth		4.97
02 83 19 13-0111	IN	Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth		6.61
02 83 19 13-0112	LF	Demolish Wood Balustrades And Railings, Lead Contaminated Material		7.27
02 83 19 13-0113	LF	Demolish Up To 6" Wide Baseboard, Lead Contaminated Material		1.89
02 83 19 13-0114	LF	Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material		2.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0115	LF	Demolish Base Shoe Molding, Lead Contaminated Material		1.54
02 83 19 13-0116	SF	Demolish Concrete, Lead Contaminated Material		14.46
02 83 19 13-0117	LF	Demolish Cabinets, Lead Contaminated Material		33.70
02 83 19 13-0118	SF	Demolish Ceilings, Gypsum Board, Lead Contaminated Material		1.90
02 83 19 13-0119	SF	Demolish Up To 12" Diameter Columns, Lead Contaminated Material		18.67
02 83 19 13-0120	SF	Demolish Cornice, Lead Contaminated Material		2.48
02 83 19 13-0121	EA	Demolish Doors, Lead Contaminated Material		73.10
02 83 19 13-0122	LF	Demolish Door And Window Trim Or Frames, Lead Contaminated Material		2.22
02 83 19 13-0123	EA	Demolish Electrical Devices, Lead Contaminated Material		22.43
02 83 19 13-0124	LF	Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material		2.88
02 83 19 13-0125	LF	Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material		4.79
02 83 19 13-0126	SF	Demolish Wood Floors, Lead Contaminated Material		3.45
02 83 19 13-0127	SF	Demolish Grilles, Lead Contaminated Material		4.06
02 83 19 13-0128	EA	Demolish Hinges, Lead Contaminated Material		8.15
02 83 19 13-0129	EA	Demolish Up To 6" Diameter Hangers, Lead Contaminated Material		17.52
02 83 19 13-0130	LF	Demolish Up To 2" Diameter Pipes, Lead Contaminated Material		7.18
02 83 19 13-0131	LF	Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material		10.48
02 83 19 13-0132	LF	Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material		15.83
02 83 19 13-0133	LF	Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material		29.21
02 83 19 13-0134	EA	Demolish Radiators, Lead Contaminated Material		126.18
02 83 19 13-0135	EA	Demolish Shutters, Lead Contaminated Material		49.17
02 83 19 13-0136	SF	Demolish Siding, Lead Contaminated Material		1.96
02 83 19 13-0137	SF	Demolish Soffit, Lead Contaminated Material		1.66
02 83 19 13-0138	SF	Demolish Flat Steel Surfaces, Lead Contaminated Material		4.54
02 83 19 13-0139	SF	Demolish Steel Beams, Lead Contaminated Material		5.35
02 83 19 13-0140	SF	Demolish Trusses, Lead Contaminated Material		7.02
02 83 19 13-0141	SF	Demolish Walls, Wood, Lead Contaminated Material		5.20
02 83 19 13-0142	SF	Demolish Windows, Lead Contaminated Material		17.46
02 83 19 13-0143	SF	Demolish Metal Stair, Lead Contaminated Material		8.35
02 83 19 13-0144	LF	Demolish Single Metal Hand Rail, Lead Contaminated Material		6.14
02 83 19 13-0145	LF	Demolish Metal Railing And Posts, Lead Contaminated Material		10.02
02 83 19 13-0146	SF	Demolish Metal Picket Fence, Lead Contaminated Material		2.76
02 83 19 13-0147	SF	Demolish Plywood, Lead Contaminated Material		7.54
02 83 19 13-0148	SF	Demolish Planks (Various Sizes), Lead Contaminated Material		3.68
02 83 19 13-0149	EA	Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material		23.03
02 83 19 13-0150	SF	Demolish Ceramic Tile Block, Lead Contaminated Material		5.03
02 83 19 13-0151	LF	Demolish Metal Guard Rails, Lead Contaminated Material		13.82
02 83 19 13-0152	LF	Demolish Roof Metal Trim, Lead Contaminated Material		2.95
02 83 19 13-0153	LF	Demolish Rain Gutters, Lead Contaminated Material		5.07
02 83 19 13-0154	LF	Demolish Downspouts, Lead Contaminated Material		4.14
02 83 19 13-0155	SF	Demolish Corrugated Metal Roofing, Lead Contaminated Material		5.11
02 83 19 13-0156	LF	Demolish Roof Metal Flashing, Lead Contaminated Material		2.95
02 83 19 13-0157	LF	Demolish Fascia Board Up To 12", Lead Contaminated Material		7.37
02 83 19 13-0158		**Wet Sanding/Scraping Of Lead Contaminated Material** *(02 83 19 13)*		
		Note: Remove loose, flaking lead-based paint to prepare for painting		
02 83 19 13-0159	SF	Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting		3.51
02 83 19 13-0160		**Mechanical Stripping Of Lead Contaminated Material** *(02 83 19 13)*		
		Note: Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring.		
02 83 19 13-0161	SF	Grind Flat Steel Surfaces, Mechanical Stripping Of Lead Contaminated Material		19.38
02 83 19 13-0162		**Lead Abatement Encapsulation** *(02 83 19 13)*		
		Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.		
02 83 19 13-0163	SF	Balustrades, Lead Abatement Encapsulation		6.36
02 83 19 13-0164	LF	Up To 6" Wide, Baseboard, Lead Abatement Encapsulation		6.30
02 83 19 13-0165	LF	>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation		8.55
02 83 19 13-0166	SF	Brick, Concrete Block, Concrete, Lead Abatement Encapsulation		4.08
02 83 19 13-0167	SF	Ornate Cabinets, Lead Abatement Encapsulation		9.20
02 83 19 13-0168	SF	Simple Design Cabinets, Lead Abatement Encapsulation		7.50
02 83 19 13-0169	SF	Drywall Ceilings, Lead Abatement Encapsulation		2.56
02 83 19 13-0170	SF	Wood Ceilings, Lead Abatement Encapsulation		3.11
02 83 19 13-0171	SF	Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation		2.88
02 83 19 13-0172	SF	Columns, Lead Abatement Encapsulation		4.93
02 83 19 13-0173	SF	Doors, Lead Abatement Encapsulation		9.42
02 83 19 13-0174	LF	Up To 2" Electrical Conduit, Lead Abatement Encapsulation		4.15
02 83 19 13-0175	SF	Picket Fence (Brush), Lead Abatement Encapsulation		2.94
02 83 19 13-0176	SF	Wood Floors (Roller), Lead Abatement Encapsulation		2.46
02 83 19 13-0177	SF	Grilles, Vents, Lead Abatement Encapsulation		6.85
02 83 19 13-0178	LF	Gutters And Downspouts, Lead Abatement Encapsulation		6.36
02 83 19 13-0179	EA	Hangers, Lead Abatement Encapsulation		54.16
02 83 19 13-0180	LF	Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation		3.85
02 83 19 13-0181	LF	>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation		5.54
02 83 19 13-0182	LF	>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation		8.61
02 83 19 13-0183	LF	>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation		12.69
02 83 19 13-0184	EA	Radiators, Lead Abatement Encapsulation		139.74

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0185	EA	Up To 6' Shutters, Lead Abatement Encapsulation	200.22	
02 83 19 13-0186	SF	Siding, Lead Abatement Encapsulation	3.51	
02 83 19 13-0187	SF	Up To 12" Soffit, Lead Abatement Encapsulation	4.93	
02 83 19 13-0188	SF	Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation	4.08	
02 83 19 13-0189	SF	Steel Beams And Metal Decks, Lead Abatement Encapsulation	5.34	
02 83 19 13-0190	SF	Trusses, Lead Abatement Encapsulation	5.34	
02 83 19 13-0191	SF	Drywall Walls, Lead Abatement Encapsulation	2.27	
02 83 19 13-0192	SF	Wood Walls, Lead Abatement Encapsulation	2.81	
02 83 19 13-0193	EA	Window Without Grille, Lead Abatement Encapsulation	118.29	
02 83 19 13-0194	EA	Window With Grille, Lead Abatement Encapsulation	152.13	
02 83 19 13-0195	LF	Wood Door Frames And Trim, Lead Abatement Encapsulation	3.63	
02 83 19 13-0196	LF	Steel Lintels, Lead Abatement Encapsulation	4.17	
02 83 19 13-0197	LF	Wood Fascia Boards, Lead Abatement Encapsulation	11.07	
02 83 19 13-0198	SF	Wood Eaves, Lead Abatement Encapsulation	11.07	
02 83 19 13-0199	LF	Wood Window Sill, Lead Abatement Encapsulation	3.32	
02 83 19 13-0200	LF	Wood Window Sash, Lead Abatement Encapsulation	4.27	
02 83 19 13-0201	LF	Wood Window Jamb And Trim, Lead Abatement Encapsulation	5.97	
02 83 19 13-0202	LF	Wood Doorway Threshold, Lead Abatement Encapsulation	4.00	
02 83 19 13-0203	LF	Up To 6" Wide, Crown Molding (Simple), Lead Abatement Encapsulation	6.30	
02 83 19 13-0204	LF	>6" To 12" Wide, Crown Molding (Simple), Lead Abatement Encapsulation	8.55	
02 83 19 13-0205	LF	Up To 6" Wide, Crown Molding (Ornate), Lead Abatement Encapsulation	7.81	
02 83 19 13-0206	LF	>6" To 12" Wide, Crown Molding (Ornate), Lead Abatement Encapsulation	10.57	
02 83 19 13-0207		Removal By Heat Gun Of Lead Contaminated Material *(02 83 19 13)*		
		Note: Remove of multi-layes of paint down to substrate		
02 83 19 13-0208	SF	Scrape And Removal Of Multi-layers Of Paint With Heat Gun	6.83	

02 83 33 Removal and Disposal of Material Containing Lead *(02 83)*

02 83 33 13 Lead-Based Paint Removal and Disposal *(02 83 33)*

02 83 33 13-0001		Remove Loose Dirt And Debris Containing Lead *(02 83 33 13)*		
02 83 33 13-0002	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Mild Detergent	0.29	
02 83 33 13-0003	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Tri-Sodium Phosphate	0.29	
02 83 33 13-0004	SF	High Efficiency Particulate Air (HEPA) Vacuum And Shampoo Cleaning Of Lead Contaminated Carpeting	1.45	

02 84 Polychlorinated Biphenyl Remediation *(02 80)*

02 84 16 Handling of Lighting Ballasts and Lamps Containing PBCs and Mercury *(02 84)*

02 84 16 00-0001		Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures *(02 84 16)*		
		Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.		
02 84 16 00-0002	EA	Removal Of TSCA-Exempt Polychlorinated Biphenyl (PCB) And Non-PCB Ballast From A Demolished Fixture For Recycling	9.69	
02 84 16 00-0003		Recycle TSCA-Exempt PCB And Non-PCB Ballasts *(02 84 16)*		
		Note: Non leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.		
02 84 16 00-0004	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	1.68	
02 84 16 00-0005	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	2.53	
02 84 16 00-0006	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	7.86	
02 84 16 00-0007	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	17.96	
02 84 16 00-0008		Disposal Of Leaking PCB And Non-PCB Ballasts *(02 84 16)*		
		Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.		
02 84 16 00-0009	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	4.21	
02 84 16 00-0010	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	6.32	
02 84 16 00-0011	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	11.79	
02 84 16 00-0012	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	26.95	

02 84 33 Removal and Disposal of Polychlorinated Biphenyls *(02 84)*

02 84 33 00-0001		Removal And Disposal Of Polychlorinated Biphenyls Oil Filled Transformers *(02 84 33)*		
		Note: Includes disposal in approved container, rigging, manifesting, hauling, etc.		
02 84 33 00-0002	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Non Polychlorinated Biphenyl (PCB)	4,244.19	
		Note: Includes disposal costs.		
02 84 33 00-0003	EA	Removal And Disposal Of Transformers 20 KVA, Non Polychlorinated Biphenyl (PCB)	6,680.16	
		Note: Includes disposal costs.		
02 84 33 00-0004	EA	Removal And Disposal Of Switch, Non Polychlorinated Biphenyl (PCB)	1,804.87	
02 84 33 00-0005	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Polychlorinated Biphenyl (PCB)	8,073.94	
		Note: Includes disposal costs.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 84 33 00-0006	EA	Removal And Disposal Of Switch, Polychlorinated Biphenyl (PCB)	3,219.68	
02 84 33 00-0007	EA	Removal And Disposal Of Transformers 20 KVA, Polychlorinated Biphenyl (PCB) Note: Includes disposal costs.	12,752.43	

02 86 Hazardous Waste Drum Handling *(02 80)*

02 86 00 00-0001 Hazardous Waste Packaging *(02 86)*

02 86 00 00-0002 Overpacks *(02 86 00 00-0001)*

02 86 00 00-0003 Steel Salvage Drums, 16 Gauge *(02 86 00 00-0002)*

02 86 00 00-0004	EA	110 Gallon, 30" Diameter X 41" High	541.26	
02 86 00 00-0005	EA	85 Gallon, 26" Diameter X 38" High	308.10	
02 86 00 00-0006	EA	83 Gallon, 26" Diameter X 36" High	297.36	
02 86 00 00-0007	EA	55 Gallon, DOT 17C, 18" Diameter X 34" High	186.04	
02 86 00 00-0008	EA	30 Gallon, DOT 17C, 18" Diameter X 28" High	146.56	
02 86 00 00-0009	EA	22 Gallon, 16" Diameter X 25" High	98.74	
02 86 00 00-0010	EA	15 Gallon, DOT 17C, 14" Diameter X 24" High	89.27	
02 86 00 00-0011	EA	10 Gallon, 13.8" Diameter X 15" High	78.67	

02 86 00 00-0012 Polyethylene Overpacks *(02 86 00 00-0002)*

02 86 00 00-0013	EA	95 Gallon, DOT E9618, Twist On Lid 31" Diameter X 41" High	611.38	
02 86 00 00-0014	EA	20 Gallon, Labpack, Twist On Lid 21" Diameter X 7.5" High	112.98	
02 86 00 00-0015	EA	85 Gallon, DOT E9775, Clamp Ring Lid, 27" Diameter X 41" High	553.22	

02 86 00 00-0016 Composite Overpacks *(02 86 00 00-0002)*

02 86 00 00-0017	EA	55 Gal, DOT 17C, Steel Drum Nested With 2-20 Gallon Fiber Drums	300.21	
02 86 00 00-0018	EA	55 Gal, DOT 17C, Steel Drum Nested With 4-10 Gallon Fiber Drums	411.97	
02 86 00 00-0019	EA	85 Gal, 16 Gauge Salvage Drum Nested With 3-20 Gallon Fiber Drums	558.79	

02 86 00 00-0020 DOT E-9168 Exempt Packaging *(02 86 00 00-0002)*

02 86 00 00-0021	EA	32 Oz Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	43.94	
02 86 00 00-0022	EA	950 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	46.36	
02 86 00 00-0023	EA	500 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	45.33	
02 86 00 00-0024	EA	250 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	22.44	
02 86 00 00-0025	EA	Can, Carton, Insert, Tape - Corrosive And Flammable - UPS	16.08	
02 86 00 00-0026	EA	16 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	13.57	
02 86 00 00-0027	EA	32 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	17.65	

02 86 00 00-0028 Steel Drums *(02 86 00 00-0001)*

02 86 00 00-0029 UN Rated Steel Drums *(02 86 00 00-0028)*

02 86 00 00-0030	EA	UN 1A2/X 320/S 55 Gallon, Open, 16 Gauge, Steel Drum	227.16	
02 86 00 00-0031	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (10-24)	795.71	
02 86 00 00-0032	EA	55 Gallon Reconditioned Steel 17h Drum (50+)	98.61	
02 86 00 00-0033	EA	8 Gallon, 17C, Open, Steel Drum	100.80	
02 86 00 00-0034	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (25-49)	986.08	
02 86 00 00-0035	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (50+)	934.75	
02 86 00 00-0036	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (10-24)	1,142.23	
02 86 00 00-0037	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (25-49)	780.74	
02 86 00 00-0038	EA	UN 1A2/X 320/S 55 Gallon, Closed, 16 Gauge, Steel Drum	214.70	
02 86 00 00-0039	EA	UN 1A2/Y 1.4/100 55 Gallon, Open, 16 Gauge, Steel Drum	174.09	
02 86 00 00-0040	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (50+)	703.73	
02 86 00 00-0041	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (25-49)	1,120.84	
02 86 00 00-0042	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (1-9)	1,033.14	
02 86 00 00-0043	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (50+)	1,009.61	
02 86 00 00-0044	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (10-24)	1,013.89	
02 86 00 00-0045	EA	UN 1A2/Y 1.4/100 55 Gallon, Closed, 16 Gauge, Steel Drum	137.19	
02 86 00 00-0046	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	663.09	
02 86 00 00-0047	EA	UN 1A2/X 160/S 30 Gallon, Open, 18 Gauge, Steel Drum	159.04	
02 86 00 00-0048	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	1,078.06	
02 86 00 00-0049	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	637.42	
02 86 00 00-0050	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (25-49)	913.36	
02 86 00 00-0051	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	609.62	
02 86 00 00-0052	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	1,052.39	
02 86 00 00-0053	EA	UN 1A2/Y 1.4/100 30 Gallon, Open, 18 Gauge, Steel Drum	135.18	
02 86 00 00-0054	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (50+)	866.30	
02 86 00 00-0055	EA	55 Gallon Reconditioned Steel 17h Drum (1-9)	144.63	
02 86 00 00-0056	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	588.23	
02 86 00 00-0057	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	1,033.14	
02 86 00 00-0058	EA	30 Gallon, 17E, Open, Steel Drum	98.07	
02 86 00 00-0059	EA	55 Gallon Reconditioned Steel 17h Drum (10-24)	128.19	
02 86 00 00-0060	EA	20 Gallon, 17C, Open, Steel Drum	137.83	
02 86 00 00-0061	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	930.47	
02 86 00 00-0062	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (1-9)	1,114.42	
02 86 00 00-0063	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (1-9)	814.96	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 86 00 00-0064	EA	55 Gallon Reconditioned Steel 17h Drum (25-49)	111.76	
02 86 00 00-0065	EA	20 Gallon, 17E, Open, Steel Drum	92.77	
02 86 00 00-0066	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (10-24)	1,093.03	

02 86 00 00-0067 Plastic Drums *(02 86 00 00-0001)*

02 86 00 00-0068 Polyethylene Closed Head Drums *(02 86 00 00-0067)*

Note: Closed head drums have standard NPS (National Pipe Standard) plug and drain vents. Primarily for liquids.

02 86 00 00-0069	EA	55 Gallon Polyethylene Closed Head Drums	142.60	
02 86 00 00-0070	EA	35 Gallon Polyethylene Closed Head Drums	109.47	
02 86 00 00-0071	EA	30 Gallon Polyethylene Closed Head Drums	99.40	
02 86 00 00-0072	EA	20 Gallon Polyethylene Closed Head Drums	69.45	
02 86 00 00-0073	EA	15 Gallon Polyethylene Closed Head Drums	68.12	

02 86 00 00-0074 Polyethylene Open Head Drums *(02 86 00 00-0067)*

Note: Open head drums are primarily used for solids and sludge.

02 86 00 00-0075	EA	55 Gallon Polyethylene Open Head Drums	180.24	
02 86 00 00-0076	EA	35 Gallon Polyethylene Open Head Drums	132.53	
02 86 00 00-0077	EA	30 Gallon Polyethylene Open Head Drums	125.90	
02 86 00 00-0078	EA	20 Gallon Polyethylene Open Head Drums	92.77	
02 86 00 00-0079	EA	15 Gallon Polyethylene Open Head Drums	79.52	

02 86 00 00-0080 Fiber Drums *(02 86 00 00-0001)*

02 86 00 00-0081 Steel Top/Fiber Bottom Drums, Hazardous *(02 86 00 00-0080)*

Note: Waste fiber drums have tubular rubber gaskets and caulked bottom seams.

02 86 00 00-0082	EA	30 Gallon Fiber Drum DOT-21C (1-9)	109.20	
02 86 00 00-0083	EA	30 Gallon Fiber Drum DOT-21C (10-24)	102.31	
02 86 00 00-0084	EA	30 Gallon Fiber Drum DOT-21C (25-49)	93.30	
02 86 00 00-0085	EA	30 Gallon Fiber Drum DOT-21C (50+)	92.24	
02 86 00 00-0086	EA	55 Gallon Fiber Drum DOT-21C (1-9)	112.38	
02 86 00 00-0087	EA	55 Gallon Fiber Drum DOT-21C (10-24)	106.02	
02 86 00 00-0088	EA	55 Gallon Fiber Drum DOT-21C (25-49)	98.07	
02 86 00 00-0089	EA	55 Gallon Fiber Drum DOT-21C (50-99)	94.89	
02 86 00 00-0090	EA	55 Gallon Fiber Drum DOT-21C (100+)	82.17	
02 86 00 00-0091	EA	10 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	69.98	
02 86 00 00-0092	EA	20 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	76.34	
02 86 00 00-0093	EA	20 Gallon, 23" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	89.06	

02 86 00 00-0094 Loading Hazardous Waste For Shipment *(02 86 00 00-0001)*

02 86 00 00-0095	EA	Load Drums On Disposal Truck	11.29	
02 86 00 00-0096	EA	Load Liquid Or Sludge Into 5,000 Gallon Bulk Tank Truck	1,193.02	

02 86 00 00-0097 Transport Drums To Landfill *(02 86 00 00-0001)*

Note: Includes transportation for up to 25 miles.

02 86 00 00-0098	EA	Transport Drum To Landfill	94.98	

Note: Includes transportation for up to 25 miles.

02 87 Bio-Hazard Material Remediation *(02 80)*

02 87 13 Mold Remediation *(02 87)*

Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which tasks apply. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 100 LF or SF (Up to 25 LF for Mold Abatement pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0039 for temporary stud walls, 01 74 19 00-0048 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0020 for decontamination chambers.

02 87 13 33 Removal and Disposal of Materials with Mold *(02 87 13)*

02 87 13 33-0001 Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal *(02 87 13 33)*

Note: Treat fittings as additional lf of insulation.

02 87 13 33-0002 Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0001)*

Note: Diameter is outer size of insulation.

02 87 13 33-0003 Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0002)*

Note: Excludes encased fittings.

02 87 13 33-0004	SET	Up To 20 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	789.99	
02 87 13 33-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	30.63	
02 87 13 33-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	23.06	
02 87 13 33-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	17.39	
02 87 13 33-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	13.14	
02 87 13 33-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	11.47	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0010		>6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0002)*		
02 87 13 33-0011	SET	Up To 20 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	811.92	
02 87 13 33-0012	LF	>20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	36.26	
02 87 13 33-0013	LF	>250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	27.56	
02 87 13 33-0014	LF	>500 To 2,500 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	21.04	
02 87 13 33-0015	LF	>2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	16.14	
02 87 13 33-0016	LF	>10,000 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	14.23	
02 87 13 33-0017		Thermal Insulation, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0018		Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal *(02 87 13 33-0017)*		
02 87 13 33-0019	SET	Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	800.96	
02 87 13 33-0020	SF	>50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	17.76	
02 87 13 33-0021	SF	>500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	13.42	
02 87 13 33-0022	SF	>2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal	10.15	
02 87 13 33-0023	SF	>10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	7.87	
02 87 13 33-0024		Surfacing Material, Mold Abatement And Disposal *(02 87 13 33)* Note: e.g. fireproofing, acoustical plaster, etc.		
02 87 13 33-0025		Stucco, Mold Abatement And Disposal *(02 87 13 33-0024)* Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0026	SET	Up To 50 SF, Stucco, Mold Abatement And Disposal	794.87	
02 87 13 33-0027	SF	>50 To 500 SF, Stucco, Mold Abatement And Disposal	17.63	
02 87 13 33-0028	SF	>500 To 2,500 SF, Stucco, Mold Abatement And Disposal	13.29	
02 87 13 33-0029	SF	>2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal	10.02	
02 87 13 33-0030	SF	>10,000 SF, Stucco, Mold Abatement And Disposal	7.60	
02 87 13 33-0031		Acoustical Plaster, Mold Abatement And Disposal *(02 87 13 33-0024)* Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0032	SET	Up To 50 SF, Acoustical Plaster, Mold Abatement And Disposal	794.87	
02 87 13 33-0033	SF	>50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal	17.63	
02 87 13 33-0034	SF	>500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal	13.29	
02 87 13 33-0035	SF	>2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	10.02	
02 87 13 33-0036	SF	>10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	7.60	
02 87 13 33-0037		Gypsum Board, Mold Abatement And Disposal *(02 87 13 33-0024)*		
02 87 13 33-0038	SET	Up To 100 SF, Gypsum Board, Mold Abatement And Disposal	807.05	
02 87 13 33-0039	SF	>100 To 500 SF, Gypsum Board, Mold Abatement And Disposal	5.86	
02 87 13 33-0040	SF	>500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal	4.65	
02 87 13 33-0041	SF	>2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal	3.66	
02 87 13 33-0042	SF	>10,000 SF, Gypsum Board, Mold Abatement And Disposal	2.69	
02 87 13 33-0043		Fireproofing, Mold Abatement And Disposal *(02 87 13 33-0024)* Note: Exposed surface area, includes associated overspray.		
02 87 13 33-0044	SET	Up To 50 SF, Fireproofing, Mold Abatement And Disposal	800.96	
02 87 13 33-0045	SF	>50 To 500 SF, Fireproofing, Mold Abatement And Disposal	24.34	
02 87 13 33-0046	SF	>500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal	18.37	
02 87 13 33-0047	SF	>2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal	13.88	
02 87 13 33-0048	SF	>10,000 SF, Fireproofing, Mold Abatement And Disposal	10.50	
02 87 13 33-0049		Flooring, Mold Abatement And Disposal *(02 87 13 33)* Note: Includes cove base.		
02 87 13 33-0050		Floor Tile Or Linoleum, Mold Abatement And Disposal *(02 87 13 33-0049)*		
02 87 13 33-0051		Floor Tile Or Linoleum, Mold Abatement And Disposal *(02 87 13 33-0050)* Note: Single layer or first of multiple layers.		
02 87 13 33-0052	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	807.05	
02 87 13 33-0053	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	5.83	
		For Each Additional Layer, Add	*1.46*	
02 87 13 33-0054	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	3.26	
		For Each Additional Layer, Add	*0.82*	
02 87 13 33-0055	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.87	
		For Each Additional Layer, Add	*0.47*	
02 87 13 33-0056	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.45	
		For Each Additional Layer, Add	*0.36*	
02 87 13 33-0057		Carpet, Mold Abatement And Disposal *(02 87 13 33-0049)*		
02 87 13 33-0058		Carpet, Glue Down, Mold Abatement And Disposal *(02 87 13 33-0057)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0059	SET	Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal	807.05	
02 87 13 33-0060	SF	>100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal	4.85	
02 87 13 33-0061	SF	>500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal	3.03	
02 87 13 33-0062	SF	>2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	2.02	
02 87 13 33-0063	SF	>10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.54	
02 87 13 33-0064		Carpet, Padded With Tack Strips, Mold Abatement And Disposal *(02 87 13 33-0057)*		
02 87 13 33-0065	SET	Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	807.05	
02 87 13 33-0066	SF	>100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	5.46	
02 87 13 33-0067	SF	>500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	3.97	
02 87 13 33-0068	SF	>2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	3.14	
02 87 13 33-0069	SF	>10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	2.41	
02 87 13 33-0070		Subflooring, Mold Abatement And Disposal *(02 87 13 33-0049)*		
02 87 13 33-0071	SET	Up To 75 SF, Subflooring, Mold Abatement And Disposal	800.96	
02 87 13 33-0072	SF	>75 To 500 SF, Subflooring, Mold Abatement And Disposal	6.71	
02 87 13 33-0073	SF	>500 To 2,500 SF, Subflooring, Mold Abatement And Disposal	4.28	
02 87 13 33-0074	SF	>2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal	2.58	
02 87 13 33-0075	SF	>10,000 SF, Subflooring, Mold Abatement And Disposal	1.64	
02 87 13 33-0076		Siding, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0077		Interior Paneling, Mold Abatement And Disposal *(02 87 13 33-0076)* Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0078	SET	Up To 100 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	807.05	
02 87 13 33-0079	SF	>100 To 500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	5.81	
02 87 13 33-0080	SF	>500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	4.08	
02 87 13 33-0081	SF	>2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.37	
02 87 13 33-0082	SF	>10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1.80	
02 87 13 33-0083		Exterior Siding, Mold Abatement And Disposal *(02 87 13 33-0076)*		
02 87 13 33-0084	SET	Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal	807.05	
02 87 13 33-0085	SF	>100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal	7.22	
02 87 13 33-0086	SF	>500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal	5.01	
02 87 13 33-0087	SF	>2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	3.37	
02 87 13 33-0088	SF	>10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	3.03	
02 87 13 33-0089		Contaminated Debris, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0090		Contaminated Debris, Mold Abatement And Disposal *(02 87 13 33-0089)*		
02 87 13 33-0091	SET	Up To 20 CF, Contaminated Debris, Mold Abatement And Disposal	811.92	
02 87 13 33-0092	CF	>20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal	28.53	
02 87 13 33-0093	CF	>100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal	19.51	
02 87 13 33-0094	CF	>250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal	15.00	
02 87 13 33-0095	CF	>500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal	12.29	
02 87 13 33-0096	CF	>2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal	7.37	
02 87 13 33-0097	CF	>10,000 CF, Contaminated Debris, Mold Abatement And Disposal	6.77	
02 87 13 33-0098		Other Mold Containing Materials, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0099		Wood Studs, Mold Abatement And Disposal *(02 87 13 33-0098)* Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.		
02 87 13 33-0100	SET	Up To 100 LF, Wood Studs, Mold Abatement And Disposal	403.52	
02 87 13 33-0101	LF	>100 To 500 LF, Wood Studs, Mold Abatement And Disposal	3.27	
02 87 13 33-0102	LF	>500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal	2.43	
02 87 13 33-0103	LF	>2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal	1.89	
02 87 13 33-0104	LF	>10,000 LF, Wood Studs, Mold Abatement And Disposal	1.44	
02 87 13 33-0105		Ceiling Tile, Mold Abatement And Disposal *(02 87 13 33-0098)* Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
02 87 13 33-0106	SET	Up To 100 SF, Ceiling Tile, Mold Abatement And Disposal	807.05	
02 87 13 33-0107	SF	>100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal	10.02	
02 87 13 33-0108	SF	>1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal	4.70	
02 87 13 33-0109	SF	>2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.37	
02 87 13 33-0110	SF	>10,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.03	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0111		**Caulking, Mold Abatement And Disposal** *(02 87 13 33-0098)*		
02 87 13 33-0112	SET	Up To 20 LF, Caulking, Mold Abatement And Disposal	196.07	
02 87 13 33-0113	LF	>20 To 50 LF, Caulking, Mold Abatement And Disposal	3.93	
02 87 13 33-0114	LF	>50 To 100 LF, Caulking, Mold Abatement And Disposal	2.81	
02 87 13 33-0115	LF	>100 To 250 LF, Caulking, Mold Abatement And Disposal	2.14	
02 87 13 33-0116	LF	>250 To 1,000 LF, Caulking, Mold Abatement And Disposal	1.58	
02 87 13 33-0117	LF	>1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal	1.28	
02 87 13 33-0118	LF	>2,500 LF, Caulking, Mold Abatement And Disposal	1.11	
02 87 13 33-0119		**Wipe Down Walls, Ceilings And Floors** *(02 87 13 33-0098)*		
02 87 13 33-0120	CSF	Wipe Down Floors With Mild Bleach Solution	21.76	
		For >25 To 50, Deduct	*-2.17*	
		For >50 To 200, Deduct	*-5.44*	
		For >200, Deduct	*-8.70*	
02 87 13 33-0121	CSF	Wipe Down Walls With Mild Bleach Solution	25.60	
		For >25 To 50, Deduct	*-2.56*	
		For >50 To 200, Deduct	*-6.40*	
		For >200, Deduct	*-10.23*	
02 87 13 33-0122	CSF	Wipe Down Ceilings With Mild Bleach Solution	29.12	
		For >25 To 50, Deduct	*-2.91*	
		For >50 To 200, Deduct	*-7.28*	
		For >200, Deduct	*-11.64*	
02 87 13 33-0123	CSF	Wipe Down Countertops With Mild Bleach Solution	23.74	
		For >25 To 50, Deduct	*-2.37*	
02 87 13 33-0124	CSF	Wipe Down Other Surfaces With Mild Bleach Solution	30.12	
		For >25 To 50, Deduct	*-3.01*	
		For >50 To 200, Deduct	*-7.53*	
		For >200, Deduct	*-12.04*	
02 87 13 33-0125		**Cabinets** *(02 87 13 33-0098)*		
02 87 13 33-0126	SET	Up To 10 LF, Base Cabinet, Mold Abatement And Disposal	844.98	
02 87 13 33-0127	LF	>10 To 20 LF, Base Cabinet, Mold Abatement And Disposal	89.23	
02 87 13 33-0128	LF	>20 LF, Base Cabinet, Mold Abatement And Disposal	65.57	
02 87 13 33-0129	SET	Up To 10 LF, Wall Cabinet, Mold Abatement And Disposal	801.11	
02 87 13 33-0130	LF	>10 To 20 LF, Wall Cabinet, Mold Abatement And Disposal	75.38	
02 87 13 33-0131	LF	>20 LF, Wall Cabinet, Mold Abatement And Disposal	51.72	

02 87 16 Excrement Removal *(02 87)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, disposal, personnel health monitoring, documentation and other associated costs necessary for the complete removal and disposal of the contaminated material in accordance with EPA and local regulations. The quantity of the entire project, not a particular work area, is to be used in determining which tasks apply. There is a task with a unit of measure of EA for a quantity of less than 10 SF, followed by a series of tasks for additional quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus each additional task in sequence to arrive at the total quantity for the entire project, not a particular work area.

02 87 16 13 Bird Excrement Removal *(02 87 16)*

02 87 16 13-0001 Bird Waste Removal *(02 87 16 13)*

Note: In addition to items listed the Bio-Hazard Material Remediation note above, includes wetting agents and disinfection of contaminated surfaces.

02 87 16 13-0002	EA	Up To 10 SF Bird Waste Removal, Up To 3" Thickness	782.68	
		For Work In Restricted Working Space, Add	*234.80*	
02 87 16 13-0003	SF	>10 To 500 SF Bird Waste Removal, Up To 3" Thickness	13.05	
		For Work In Restricted Working Space, Add	*3.92*	
02 87 16 13-0004	SF	>500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness	11.86	
		For Work In Restricted Working Space, Add	*3.56*	
02 87 16 13-0005	SF	>2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness	10.78	
		For Work In Restricted Working Space, Add	*3.23*	
02 87 16 13-0006	SF	>10,000 SF Bird Waste Removal, Up To 3" Thickness	9.80	
		For Work In Restricted Working Space, Add	*2.94*	

02 87 19 Bio-Hazard and Infectious Disease Control Remediation *(02 87)*

02 87 19 00-0001 Temporary Barriers *(02 87 19)*

02 87 19 00-0002 Adjustable Barrier Panel System For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*

Note: Panels are opal or transparent. Includes self leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.

02 87 19 00-0003	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	987.97
02 87 19 00-0004	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	937.82
02 87 19 00-0005	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	737.23
02 87 19 00-0006	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	854.24
02 87 19 00-0007	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	452.19
02 87 19 00-0008	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	485.63

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0009	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010) Note: Includes a hydraulic closer and a lever style lockset standard.	1,514.52	
02 87 19 00-0010	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003) Note: Includes a hydraulic closer and a lever style lockset standard.	1,681.68	
02 87 19 00-0011	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008) Note: Includes a hydraulic closer and a lever style lockset standard.	2,016.00	
02 87 19 00-0012	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	329.97	
02 87 19 00-0013	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	271.46	
02 87 19 00-0014	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	271.46	
02 87 19 00-0015	EA	Closure Strips (Edge Guard 3003) Note: To seal panels to existing walls	17.92	
02 87 19 00-0016	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005)	464.87	
02 87 19 00-0017		Temporary Sheeting For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)* Note: Includes removal and disposal in approved landfill after use.		
02 87 19 00-0018	SF	6 Mil Plastic Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control	0.52	
02 87 19 00-0019	SF	6 Mil Plastic Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.68	
02 87 19 00-0020	SF	6 Mil Plastic Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control	0.91	
02 87 19 00-0021	SF	6 Mil Plastic Fire Retardant, Anti Static Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control	0.63	
02 87 19 00-0022	SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.79	
02 87 19 00-0023	SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control	1.02	
02 87 19 00-0024		Temporary Floor Protection For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)* Note: Includes removal after use.		
02 87 19 00-0025	SF	1/8" Thick, Masonite Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	1.67	
02 87 19 00-0026	SF	1/2" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	1.71	
02 87 19 00-0027	SF	3/4" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	2.01	
02 87 19 00-0028		Temporary Stud Wall For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)* Note: Includes removal after use.		
02 87 19 00-0029	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	5.61	
02 87 19 00-0030	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	7.83	
02 87 19 00-0031	SF	5/8" Type Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	5.77	
02 87 19 00-0032	SF	5/8" Type Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	8.15	
02 87 19 00-0033	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	3.22	
02 87 19 00-0034		Isolation Barriers For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*		
02 87 19 00-0035	GSF	Tent Construction Utilizing Two Layers Of 6 Mil Fire Rated Plastic Sheeting For Bio-Hazard And Infectious Disease Control Note: Includes support frame of 2x4s or PVC piping (ground SF) up to 6' to construct stand-alone tents (floor, walls and ceiling) with airlock.	23.46	
02 87 19 00-0036	GSF	Relocate Tent Construction To Different Area	2.59	
02 87 19 00-0037		Plexiglass Barriers For Bio-Hazard And Infectious Disease Control *(02 87 19 00-0001)*		
02 87 19 00-0038	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	18.57	
02 87 19 00-0039	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	21.84	
02 87 19 00-0040	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	30.62	
02 87 19 00-0041	PR	Install Pair Of 8" Diameter Glove Iris Port In Barrier For Bio-Hazard And Infectious Disease Control Note: Excludes gloves.	1,403.92	
02 87 19 00-0042	PR	Pair Of 8" Diameter Economy Sleeved Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control Note: For installation in glove iris port.	503.57	
02 87 19 00-0043	PR	Pair Of 8" Diameter Bellows Type Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control Note: For installation in glove iris port.	805.76	
02 87 19 00-0044	EA	5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru In Barrier For Bio-Hazard And Infectious Disease Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	141.81	
02 87 19 00-0045		Temporary Portable And Mobile Trailers *(02 87 19)*		
02 87 19 00-0046		Trailer Delivery *(02 87 19 00-0045)*		
02 87 19 00-0047	EA	Deliver Trailer Within 25 Miles	1,184.62	

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0048			**Portable And Mobile Trailers, Purchase** *(02 87 19 00-0045)* Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, & phone jacks. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.		
02 87 19 00-0049		EA	8' x 24' Mobile Trailer With Toilet, Purchase	12,442.59	
			For Tie-Downs, Add	*123.78*	
02 87 19 00-0050		EA	8' x 32' Mobile Trailer With Toilet, Purchase	17,578.31	
			For Tie-Downs, Add	*123.78*	
02 87 19 00-0051		EA	10' x 36' Mobile Trailer With Toilet, Purchase	25,082.78	
			For Tie-Downs, Add	*123.78*	
02 87 19 00-0052		EA	10' x 44' Mobile Trailer With Toilet, Purchase	31,344.83	
			For Tie-Downs, Add	*123.78*	
02 87 19 00-0053		EA	10' x 50' Mobile Trailer With Toilet, Purchase	35,636.51	
			For Tie-Downs, Add	*123.78*	
02 87 19 00-0054		EA	12' x 50' Mobile Trailer With Toilet, Purchase	37,462.93	
			For Tie-Downs, Add	*123.78*	
02 87 19 00-0055		EA	12' x 60' Mobile Trailer With Toilet, Purchase	41,684.99	
			For Tie-Downs, Add	*123.78*	
02 87 19 00-0056			**Accessories For Portable And Mobile Trailers** *(02 87 19 00-0045)*		
02 87 19 00-0057			**Skirting** *(02 87 19 00-0056)* Note: Includes 2" x 4" wood framing 16" on center.		
02 87 19 00-0058		SF	1'-8" High Vinyl Covered Skirt	4.89	1.72
02 87 19 00-0059		SF	3' High Vinyl Covered Skirt	7.11	2.84
02 87 19 00-0060			**Aluminum Modular Access Ramp** *(02 87 19 00-0056)* Note: Includes picketed guardrails, inside grabrails, legs and hardware.		
02 87 19 00-0061		EA	Up To 35" High, Aluminum Modular Access Ramp	3,626.48	32.93
02 87 19 00-0062			**Aluminum Modular Stairs** *(02 87 19 00-0056)* Note: Excludes earthwork		
02 87 19 00-0063		EA	Aluminum Steps For Mobile Trailers	1,000.82	
02 87 19 00-0064			**Decontamination Chambers For Bio-Hazard And Infectious Disease Control** *(02 87 19)* Note: Includes removal after use.		
02 87 19 00-0065		EA	Portable Personnel Decontamination Wash Facility (3 Stage) For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	935.37	
02 87 19 00-0066		EA	Portable Personnel Decontamination Wash Facility (5 Stage) For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	1,101.72	
02 87 19 00-0067		EA	Portable Waste Decontamination Unit For Bio-Hazard And Infectious Disease Control Note: Includes connection to negative air system.	564.81	
02 87 19 00-0068			**Bio-Hazard And Infectious Disease Control Cleaning, Level 2** *(02 87 19)* Note: Includes worker personal protection equipment suites, gloves and masks. Level 1 Biohazard - Minor bacteria and viruses as well as non-infectious bacteria. Microbes are not known to cause disease in healthy hosts and pose minimal risk to workers and the environment. Level 2 Biohazard - Bacteria and viruses that cause mild disease or are difficult to contract. Microbes are typically indigenous and are associated with diseases of varying severity. They pose moderate risk to workers and the environment. Level 3 Biohazard - Microbes are indigenous or exotic and cause serious or potential lethal diseases through respiratory transmission. Disposal of materials used to wipe down surfaces in approved landfill after use. See CSI section 02 87 19 00-0138 for disposal of material into approved landfill.		
02 87 19 00-0069			**Bio-Hazard And Infectious Disease Control Cleaning Mobilization** *(02 87 19 00-0068)*		
02 87 19 00-0070		EA	Bio-Hazard And Infectious Disease Control Mobilization And Set-Up Note: Mobilization and set-up minimum for each site location.	340.36	
02 87 19 00-0071			**Bio-Hazard And Infectious Disease Control Cleaning Of Surfaces** *(02 87 19 00-0068)* Note: Includes electrostatic spraying of surfaces with mild bleach, wet mop/wipe, disinfect and high efficiency particulate air (HEPA) vacuum surfaces		
02 87 19 00-0072		CSF	Cleaning Of Floors For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	25.24	
			For >25 To 50, Deduct	*-2.52*	
			For >50 To 200, Deduct	*-5.04*	
			For >200, Deduct	*-7.56*	
			For Cleaning Surfaces With Goldshield® GS5, Add	*13.92*	
			For Level 1 Biohazard Cleaning, Deduct	*-5.04*	
			For Level 3 Biohazard Cleaning, Add	*8.32*	
02 87 19 00-0073		CSF	Cleaning Of Walls For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	29.69	
			For >25 To 50, Deduct	*-2.97*	
			For >50 To 200, Deduct	*-5.93*	
			For >200, Deduct	*-8.90*	
			For Cleaning Surfaces With Goldshield® GS5, Add	*13.92*	
			For Level 1 Biohazard Cleaning, Deduct	*-5.93*	
			For Level 3 Biohazard Cleaning, Add	*9.79*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0074	CSF	Cleaning Of Ceilings For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	33.77	
		For >25 To 50, Deduct	*-3.37*	
		For >50 To 200, Deduct	*-6.75*	
		For >200, Deduct	*-10.12*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*13.92*	
		For Level 1 Biohazard Cleaning, Deduct	*-6.75*	
		For Level 3 Biohazard Cleaning, Add	*11.13*	
02 87 19 00-0075	CSF	Cleaning Of Countertops For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	27.53	
		For Cleaning Surfaces With Goldshield® GS5, Add	*13.92*	
		For >5 To 10, Deduct	*-1.38*	
		For >10 To 50, Deduct	*-2.75*	
		For >50, Deduct	*-5.50*	
		For Level 1 Biohazard Cleaning, Deduct	*-5.50*	
		For Level 3 Biohazard Cleaning, Add	*9.08*	
02 87 19 00-0076	CSF	Cleaning Of Other Surfaces For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	34.94	
		For >25 To 50, Deduct	*-3.49*	
		For >50 To 200, Deduct	*-6.98*	
		For >200, Deduct	*-10.47*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*13.92*	
		For Level 1 Biohazard Cleaning, Deduct	*-6.98*	
		For Level 3 Biohazard Cleaning, Add	*11.52*	
02 87 19 00-0077		**Bio-Hazard And Infectious Disease Control Cleaning Of Equipment And Materials** *(02 87 19 00-0068)*		
		Note: Includes spraying of surfaces with mild bleach, wet mop/wipe and disinfect		
02 87 19 00-0078	EA	Cleaning Of Plumbing Fixture For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	65.23	
		For Level 1 Biohazard Cleaning, Deduct	*-13.04*	
		For Level 3 Biohazard Cleaning, Add	*21.52*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*6.96*	
02 87 19 00-0079	EA	Cleaning Of Restroom Accessory For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	29.94	
		For Level 1 Biohazard Cleaning, Deduct	*-5.98*	
		For Level 3 Biohazard Cleaning, Add	*9.87*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*4.64*	
02 87 19 00-0080	EA	Cleaning Of Kitchen Appliance For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	105.07	
		For Level 1 Biohazard Cleaning, Deduct	*-21.01*	
		For Level 3 Biohazard Cleaning, Add	*34.66*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*6.96*	
02 87 19 00-0081	EA	Cleaning Of Electrical Switch/Receptacle For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	6.48	
		For Level 1 Biohazard Cleaning, Deduct	*-1.29*	
		For Level 3 Biohazard Cleaning, Add	*2.13*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*1.39*	
02 87 19 00-0082	EA	Cleaning Of WorkStation, Exterior Wipe For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Clean-up	96.85	
		Note: Includes desk, chair, computer, monitor(s), keyboard, mouse, lamp, drawers		
		For Level 1 Biohazard Cleaning, Deduct	*-19.36*	
		For Level 3 Biohazard Cleaning, Add	*31.95*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*6.96*	
02 87 19 00-0083	EA	Cleaning Of Knobs, Latches, And Locks For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution Clean-up	10.36	
		For Level 1 Biohazard Cleaning, Deduct	*-2.07*	
		For Level 3 Biohazard Cleaning, Add	*3.41*	
		For Cleaning Surfaces With Goldshield® GS5, Add	*1.39*	
02 87 19 00-0084		**Bio-Hazard And Infectious Disease Control Cleaning Of Ductwork** *(02 87 19 00-0068)*		
02 87 19 00-0085	LF	Up To 2 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	3.81	
		For Level 1 Biohazard Cleaning, Deduct	*-0.76*	
		For Level 3 Biohazard Cleaning, Add	*1.25*	
02 87 19 00-0086	LF	>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	4.79	
		For Level 1 Biohazard Cleaning, Deduct	*-0.95*	
		For Level 3 Biohazard Cleaning, Add	*1.56*	
02 87 19 00-0087	LF	>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	6.43	
		For Level 1 Biohazard Cleaning, Deduct	*-1.26*	
		For Level 3 Biohazard Cleaning, Add	*2.08*	
02 87 19 00-0088	LF	>8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	9.10	
		For Level 1 Biohazard Cleaning, Deduct	*-1.77*	
		For Level 3 Biohazard Cleaning, Add	*2.93*	
02 87 19 00-0089	EA	Clean Duct Coil For Bio-Hazard And Infectious Disease Control Cleaning	170.21	
		For Level 1 Biohazard Cleaning, Deduct	*-34.04*	
		For Level 3 Biohazard Cleaning, Add	*56.16*	
02 87 19 00-0090	SF	Clean Duct Dampers And Vane Sets For Bio-Hazard And Infectious Disease Control Cleaning	11.85	
		For Level 1 Biohazard Cleaning, Deduct	*-2.36*	
		For Level 3 Biohazard Cleaning, Add	*3.90*	
02 87 19 00-0091	EA	Clean Fan Coil Unit (FCU) Or Variable Air Volume (VAV) Unit For Bio-Hazard And Infectious Disease Control Cleaning	113.48	
		For Level 1 Biohazard Cleaning, Deduct	*-22.69*	
		For Level 3 Biohazard Cleaning, Add	*37.44*	
02 87 19 00-0092	EA	Clean Air Handling Unit Fan And Coil For Bio-Hazard And Infectious Disease Control Cleaning	340.39	
		For Level 1 Biohazard Cleaning, Deduct	*-68.07*	
		For Level 3 Biohazard Cleaning, Add	*112.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0093	EA	Clean Grille/Diffuser/Register For Bio-Hazard And Infectious Disease Control Cleaning Note: Includes removal and reinstallation.	28.39	
		For Level 1 Biohazard Cleaning, Deduct	*-5.67*	
		For Level 3 Biohazard Cleaning, Add	*9.36*	
02 87 19 00-0094	SF	Apply Sporicidin Disinfectant To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning	0.52	
		For Level 1 Biohazard Cleaning, Deduct	*-0.09*	
		For Level 3 Biohazard Cleaning, Add	*0.15*	
02 87 19 00-0095	SF	Apply Goldshield® GS5 Antimicrobial Agent To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning	0.60	
		For Level 1 Biohazard Cleaning, Deduct	*-0.09*	
		For Level 3 Biohazard Cleaning, Add	*0.15*	
02 87 19 00-0096		**Bio-Hazard And Infectious Disease Control Equipment Rental** *(02 87 19)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0097	DAY	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	147.16	
02 87 19 00-0098	WK	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	626.81	
02 87 19 00-0099	MO	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	1,755.06	
02 87 19 00-0100	DAY	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up	149.19	
02 87 19 00-0101	WK	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up	410.27	
02 87 19 00-0102	MO	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up	1,118.93	
02 87 19 00-0103	DAY	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	43.88	
02 87 19 00-0104	WK	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	120.67	
02 87 19 00-0105	MO	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	329.10	
02 87 19 00-0106	DAY	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up	81.38	
02 87 19 00-0107	WK	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up	334.24	
02 87 19 00-0108	MO	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up	1,009.97	
02 87 19 00-0109	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Negative Air Machine For Bio-Hazard And Infectious Disease Control Clean-up Note: Required if over 800 hours operation.	179.87	
02 87 19 00-0110	DAY	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	416.12	
02 87 19 00-0111	WK	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	832.23	
02 87 19 00-0112	MO	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,664.46	
02 87 19 00-0113	DAY	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	554.82	
02 87 19 00-0114	WK	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,109.64	
02 87 19 00-0115	MO	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	2,219.28	
02 87 19 00-0116	DAY	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	936.76	
02 87 19 00-0117	WK	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,873.53	
02 87 19 00-0118	MO	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	3,747.06	
02 87 19 00-0119	DAY	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,249.02	
02 87 19 00-0120	WK	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	2,498.04	
02 87 19 00-0121	MO	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	4,996.08	
02 87 19 00-0122	DAY	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,561.27	
02 87 19 00-0123	WK	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	3,122.55	
02 87 19 00-0124	MO	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	6,245.10	
02 87 19 00-0125	EA	Set-Up 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	103.60	
02 87 19 00-0126	EA	Set-Up 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	207.20	
02 87 19 00-0127	EA	Set-Up 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	621.61	
02 87 19 00-0128	EA	Set-Up 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	1,243.20	
02 87 19 00-0129	EA	Set-Up 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up Note: Includes staking down tent.	2,072.00	
02 87 19 00-0130	DAY	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	90.99	
02 87 19 00-0131	WK	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	250.22	
02 87 19 00-0132	MO	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	682.43	
02 87 19 00-0133		**Bio-Hazard And Infectious Disease Control Hauling By Truck** *(02 87 19)* Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one-way mileage) using an appropriately sized truck.		
02 87 19 00-0134	EA	Hauling With 2-3 CY Pick-up Truck, Van Or Trailer, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up Note: Each first 15 miles per trip	102.68	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*1.28*	
02 87 19 00-0135	EA	Hauling With 6 To 8 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Control Clean Up Note: Each first 15 miles per trip	158.46	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*1.98*	
02 87 19 00-0136	EA	Hauling With 10 To 12 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up Note: Each first 15 miles per trip	164.03	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*2.05*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0137	EA	Hauling With 16' To 20', Box Or Flat Bed Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up Note: Each first 15 miles per trip	170.36	
		For Each Additional Mile Over First 15 Miles, Add Per Mile	*2.13*	

02 87 19 00-0138 Bio-Hazard And Infectious Disease Control Disposal *(02 87 19)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

02 87 19 00-0139	CY	Bio-Hazard And Infectious Disease Control Landfill Dump Fee	39.48	

02 87 19 00-0140 BLU-MED Response Systems® (BLU-MED) Deployable Medical Facilities™ and Emergency Shelters *(02 87 19)*

Note: Includes delivery and set-up of facility, electrical, lighting and HVAC. Excludes medical equipment.

02 87 19 00-0141	EA	20' x 32.5' Medical Shelter with 1-phase electrical, 60 Hertz (BLU-MED BM-2032.5-MS/1P)	43,043.69	
02 87 19 00-0142	EA	7' x 8' Entry Vestibule (BLU-MED BM-MS-VEST)	4,137.94	
02 87 19 00-0143	EA	Vestibule End Panel with Bump Thru Door (BLU-MED BM-7x8-VEP04)	6,846.62	
02 87 19 00-0144	SF	Sub Flooring For Medical Shelter (AKS-AB846)	6.36	
02 87 19 00-0145	EA	Upgrade To Large Roto-Mold Container, Blue (AK-ULC-5)	1,879.26	
02 87 19 00-0146	EA	Environmental Control Unit-5 Ton, 60 Hertz, Blue (AK-ECU-5T-5)	30,779.79	
02 87 19 00-0147	EA	3' ECU to Generator Pigtail, 60 Hertz (AKS-AC915)	1,072.85	
02 87 19 00-0148	EA	Negative Pressure Isolation (NPI) System (AK-NPIS-5) Note: Including: (1) Germicidal/high efficiency particulate air (HEPA) Filter Unit; (1) Monitor/Alarm with Motorized Damper; (1) Isolation Partition for 20'-Wide Shelter; (1) NPI Accessories Case	48,446.90	
02 87 19 00-0149	EA	6' Step Ladder (AKS-AC595)	290.52	
02 87 19 00-0150	EA	10 Lbs Sledgehammer (AKS-AA268)	89.10	

02 87 19 00-0151 Bio-Hazard And Infectious Disease Time And Material Tasks *(02 87 19)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

02 87 19 00-0152 Bio-Hazard And Infectious Disease Control Labor *(02 87 19 00-0151)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

02 87 19 00-0153	HR	General Laborer For Bio-Hazard And Infectious Disease Control Clean Up	106.67	
02 87 19 00-0154	HR	Skilled Tradesman For Bio-Hazard And Infectious Disease Control Clean Up	119.11	
02 87 19 00-0155	HR	Biohazard Technician For Bio-Hazard And Infectious Disease Control Clean Up	101.65	
02 87 19 00-0156	HR	Biohazard Supervisor For Bio-Hazard And Infectious Disease Control Clean Up	122.22	
02 87 19 00-0157	HR	Project Manager For Bio-Hazard And Infectious Disease Control Clean Up	134.42	

02 87 19 00-0158 Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment *(02 87 19 00-0151)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.

02 87 19 00-0159	EA	Tyvek Coveralls For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	14.53	
02 87 19 00-0160	EA	Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	22.62	
02 87 19 00-0161	PR	Polycarbonate Lens Safety Goggles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	14.66	
02 87 19 00-0162	EA	Dual Cartridge Half-Mask Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	120.24	
02 87 19 00-0163	EA	Cartridge - Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	50.75	
02 87 19 00-0164	EA	Full Face Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment Note: Respirator Connection Type: Bayonet, 4 pt. Full Face Suspension	366.83	
02 87 19 00-0165	EA	14-1/2" Width x 9" Height Polycarbonate Visor Faceshield For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment Note: Includes basic impact ratchet headgear and faceshield safety system. ANSI Z87.1-2010	50.15	
02 87 19 00-0166	EA	19" Width x 11" Height Polycarbonate Visor Attachment To Hardhat For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment Note: Includes clear polycarbonate crown and chin guard system for hardhat. The chin guard extends below the chin, the shield extends passed the ear, and the crown extends over the forehead to the front of the hardhat. ANSI Z87.1-2015. Excludes hardhat.	91.10	
02 87 19 00-0167	BOX	Box of 100, 5 Mil, Disposable Latex Gloves For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	26.33	
02 87 19 00-0168	EA	Gloves - Rubber (Heavy Duty) For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	22.48	
02 87 19 00-0169	EA	Belt-Mounted, Universal Mask, Powered Air Purifying Respirator (PAPR) System Kit For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment Note: Kit includes NIOSH Approved with Draeger DHR 7000, C420 Blower, Single-Speed Toggle, Battery - LiSO2 (BA5800/U), C420 Breathing Tube Assembly with 75 Degrees Swivel, Decon Belt Assembly 70" x 2", C420 Airflow Indicator (Afl), Micronel Safety M95 Cartridge (2), Molded Case, Black, CBRN Breathing Tube Assembly	2,451.99	

02 87 19 00-0170 Bio-Hazard And Infectious Disease Control Expendables *(02 87 19 00-0151)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections. See CSI section 01 56 16 00-0001 for temporary sheeting, 01 56 16 00-0039 for temporary walls.

02 87 19 00-0171	GAL	Bleach For Bio-Hazard And Infectious Disease Control Clean-up	11.33	
02 87 19 00-0172	EA	N95 Masks For Bio-Hazard And Infectious Disease Control Clean-up	4.03	
02 87 19 00-0173	GAL	Disinfectant/Antimicrobial For Bio-Hazard And Infectious Disease Control Clean Up	110.97	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0174		GAL	Goldshield® GS5 Antimicrobial Concentrate For Bio-Hazard And Infectious Disease Control Clean-up Note: Mix 1 gallon in 5 gallons of water to produce 6 gallons of ready-to-use product. Use on any surface for bacterial inhibition up to 30 days	334.11	
02 87 19 00-0175		QT	Hand Sanitizer For Bio-Hazard And Infectious Disease Control Clean-up	11.19	
02 87 19 00-0176		EA	Sponges - Dry For Bio-Hazard And Infectious Disease Control Clean-up	5.75	
02 87 19 00-0177		ROL	Tape - Duct, 2" x 50 YD For Bio-Hazard And Infectious Disease Control Clean-up	14.44	
02 87 19 00-0178		EA	UV Mini Light, Handheld For Bio-Hazard And Infectious Disease Control Clean-up	73.00	
02 87 19 00-0179		ROL	Visqueen 1 Mil, 12' x 400', For Bio-Hazard And Infectious Disease Control Clean-up	58.21	
02 87 19 00-0180		LB	Wipes, Terry Cloth 14" x 17" For Bio-Hazard And Infectious Disease Control Clean-up	8.16	
02 87 19 00-0181		EA	Wyp-Alls, Case, 160 Wipes For Bio-Hazard And Infectious Disease Control Clean-up	17.98	
02 87 19 00-0182		ROL	6 Mil, 55 Gallon Trash Bags, 50/Roll For Bio-Hazard And Infectious Disease Control Clean Up	179.20	

02 89 Hazmat Ancillary Tasks and Support *(02 80)*

02 89 00 00-0001 Barriers And Protection *(02 89)*

Note: Includes removal and disposal after use.

02 89 00 00-0002 Isolation Barriers *(02 89 00 00-0001)*

See CSI section 01 56 16 00-0039 for temporary stud walls.

02 89 00 00-0003 Hazmat Containment Construction Plastic Sheeting *(02 89 00 00-0001)*

02 89 00 00-0004		SF	6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction	0.47	
02 89 00 00-0005		SF	6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction	0.63	
02 89 00 00-0006		SF	6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction	0.83	
02 89 00 00-0007		SF	6 Mil Plastic Fire Retardant, Anti Static Sheeting, Applied To Floors, Hazmat Containment Construction	0.62	
02 89 00 00-0008		SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Walls, Hazmat Containment Construction	0.77	
02 89 00 00-0009		SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction	1.00	
02 89 00 00-0010		EA	Up To 36 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction	136.91	
02 89 00 00-0011		EA	>36 To 72 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction	266.60	
02 89 00 00-0012		EA	>72 To 144 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction	523.15	
02 89 00 00-0013		LF	Caulk Seams With Latex, Hazmat Containment Construction	4.30	
02 89 00 00-0014		SF	2 Layers 6 Mil Poly, Protect Carpeted Area, Hazmat Containment Construction	1.84	

02 89 00 00-0015 Cleaning Surfaces *(02 89 00 00-0001)*

Note: Other surfaces outside contamination area but not contaminated by, or part of removal.

02 89 00 00-0016		SF	Up To 100 SF, Clean Non-Asbestos Surface	1.92	
02 89 00 00-0017		SF	>100 To 500 SF, Clean Non-Asbestos Surface	1.35	
02 89 00 00-0018		SF	>500 To 1,000 SF, Clean Non-Asbestos Surface	0.88	
02 89 00 00-0019		SF	>1,000 SF, Clean Non-Asbestos Surface	0.69	

02 89 00 00-0020 Decontamination Chambers *(02 89)*

Note: Includes removal after use.

02 89 00 00-0021		EA	3 Stage Portable Personnel Decontamination Wash Facility Note: Includes connection to negative air system.	925.64	
02 89 00 00-0022		EA	5 Stage Portable Personnel Decontamination Wash Facility Note: Includes connection to negative air system.	1,090.02	
02 89 00 00-0023		EA	Portable Waste Decontamination Unit Note: Includes connection to negative air system.	557.03	
			For Dismantling And Relocation To A Different Area, Add	*342.96*	

02 90 Disaster Recovery *(02)*

Note: The tasks in this division are only to be used when specifically requested by the Owner and are not to be combined with tasks from other divisions of this or other Construction Task Catalogs® unless specifically requested by the Owner.

02 90 50 Cleaning and Disaster Clean-up *(02 90)*

02 90 50 00-0001 Non-Mold Contaminated Wet Material Removal *(02 90 50)*

Note: For materials not requiring mold abatement.

02 90 50 00-0002		SY	Wet Broadloom Carpet Removal For Disaster Clean-up	26.31	
02 90 50 00-0003		SY	Wet Carpet Tile Removal For Disaster Clean-up	6.40	
02 90 50 00-0004		SF	Wet Batt Insulation Removal For Disaster Clean-up	0.53	
02 90 50 00-0005		SF	Wet Ceiling Tile Removal For Disaster Clean-up	0.64	
02 90 50 00-0006		SF	Single Layer, Wet Gypsum Board Removal For Disaster Clean-up	0.62	
02 90 50 00-0007		SF	Double Layer, Wet Gypsum Board Removal For Disaster Clean-up	0.98	

02 90 50 00-0008 Cleaning *(02 90 50)*

Note: Use "Light Clean" when soot or dust is barely evident. Use "Medium Clean" when paint color can be seen through the soot or dust. Use "Heavy Clean" when paint color cannot be seen. Includes all man power, equipment and expendables required

02 90 50 00-0009 Clean Furnishings *(02 90 50 00-0008)*

02 90 50 00-0010		EA	Office Equipment, Exterior Wipe For Disaster Clean-up	27.90	
			For Medium Clean, Add	*11.72*	
			For Heavy Clean, Add	*36.27*	
02 90 50 00-0011		SF	Bookcase (Per SF Of Face Area), Light Clean For Disaster Clean-up	1.55	
			For Medium Clean, Add	*0.65*	
			For Heavy Clean, Add	*2.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0012	LF	Shelving, Light Clean For Disaster Clean-up	2.79	
		For Medium Clean, Add	*1.17*	
		For Heavy Clean, Add	*3.63*	
02 90 50 00-0013	EA	Plastic Or Metal Chair, Light Clean For Disaster Clean-up	8.06	
		For Medium Clean, Add	*3.39*	
		For Heavy Clean, Add	*10.48*	
02 90 50 00-0014	EA	Upholstered Chair, Light Clean For Disaster Clean-up	26.04	
		For Medium Clean, Add	*10.94*	
		For Heavy Clean, Add	*33.85*	
02 90 50 00-0015	EA	Upholstered Sofa, Light Clean For Disaster Clean-up	160.56	
		For Medium Clean, Add	*67.44*	
		For Heavy Clean, Add	*208.73*	
02 90 50 00-0016	EA	Desk, Light Clean For Disaster Clean-up	32.86	
		For Medium Clean, Add	*13.80*	
		For Heavy Clean, Add	*42.72*	
02 90 50 00-0017	EA	Table, Light Clean For Disaster Clean-up	31.00	
		For Medium Clean, Add	*13.02*	
		For Heavy Clean, Add	*40.30*	
02 90 50 00-0018	EA	Two Drawer File Cabinet, Light Clean For Disaster Clean-up	6.80	
		For Medium Clean, Add	*2.86*	
		For Heavy Clean, Add	*8.84*	
02 90 50 00-0019	EA	Four Drawer File Cabinet, Light Clean For Disaster Clean-up	8.69	
		For Medium Clean, Add	*3.65*	
		For Heavy Clean, Add	*11.30*	
02 90 50 00-0020	LF	Base Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up	7.13	
		For Medium Clean, Add	*2.99*	
		For Heavy Clean, Add	*9.27*	
02 90 50 00-0021	LF	Base Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	13.95	
		For Medium Clean, Add	*5.86*	
		For Heavy Clean, Add	*18.14*	
02 90 50 00-0022	LF	Wall Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up	7.13	
		For Medium Clean, Add	*2.99*	
		For Heavy Clean, Add	*9.27*	
02 90 50 00-0023	LF	Wall Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	12.40	
		For Medium Clean, Add	*5.21*	
		For Heavy Clean, Add	*16.12*	
02 90 50 00-0024	EA	Picture Frame, Glass And Back, Light Clean For Disaster Clean-up	2.97	
		For Medium Clean, Add	*1.25*	
		For Heavy Clean, Add	*3.86*	

02 90 50 00-0025 Clean Hard Surfaces *(02 90 50 00-0008)*

02 90 50 00-0026	LF	Wood, Vinyl Or Rubber Baseboard, Light Clean For Disaster Clean-up	0.41	
		For Medium Clean, Add	*0.17*	
		For Heavy Clean, Add	*0.53*	
02 90 50 00-0027	EA	Door And Hardware (Per Side), Light Clean For Disaster Clean-up	5.27	
		For Medium Clean, Add	*2.21*	
		For Heavy Clean, Add	*6.85*	
02 90 50 00-0028	EA	Detailed Door And Hardware (Per Side), Light Clean For Disaster Clean-up	5.97	
		For Medium Clean, Add	*2.51*	
		For Heavy Clean, Add	*7.76*	
02 90 50 00-0029	SF	Overhead Door, Light Clean For Disaster Clean-up	0.42	
		For Medium Clean, Add	*0.18*	
		For Heavy Clean, Add	*0.55*	
02 90 50 00-0030	SF	Mirror, Light Clean For Disaster Clean-up	0.31	
		For Medium Clean, Add	*0.13*	
		For Heavy Clean, Add	*0.40*	
02 90 50 00-0031	SF	Window, Light Clean For Disaster Clean-up	0.91	
		For Medium Clean, Add	*0.38*	
		For Heavy Clean, Add	*1.18*	
02 90 50 00-0032	LF	Handrail, Light Clean For Disaster Clean-up	0.81	
		For Medium Clean, Add	*0.34*	
		For Heavy Clean, Add	*1.05*	
02 90 50 00-0033	LF	Bumper Rail, Light Clean For Disaster Clean-up	0.44	
		For Medium Clean, Add	*0.18*	
		For Heavy Clean, Add	*0.57*	
02 90 50 00-0034	SF	Hard Floor, Light Clean For Disaster Clean-up	0.36	
		For Medium Clean, Add	*0.15*	
		For Heavy Clean, Add	*0.47*	
02 90 50 00-0035	SF	Carpet, Light Clean For Disaster Clean-up	0.37	
		For Medium Clean, Add	*0.16*	
		For Heavy Clean, Add	*0.48*	
02 90 50 00-0036	SF	Hard Ceiling, Light Clean For Disaster Clean-up	0.28	
		For Medium Clean, Add	*0.12*	
		For Heavy Clean, Add	*0.36*	
02 90 50 00-0037	SF	Suspended Ceiling, Tile And Grid, Light Clean For Disaster Clean-up	0.31	
		For Medium Clean, Add	*0.13*	
		For Heavy Clean, Add	*0.40*	
02 90 50 00-0038	SF	Ceramic Tile Wall, Light Clean For Disaster Clean-up	0.26	
		For Medium Clean, Add	*0.11*	
		For Heavy Clean, Add	*0.34*	
02 90 50 00-0039	SF	Wall, Light Clean For Disaster Clean-up	0.19	
		For Medium Clean, Add	*0.08*	
		For Heavy Clean, Add	*0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0040	SF	Masonry Wall, Light Clean For Disaster Clean-up	0.26	
		For Medium Clean, Add	*0.11*	
		For Heavy Clean, Add	*0.34*	
02 90 50 00-0041	EA	Up To 24 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up Note: Includes removal from site, cleaning, and return.	65.38	
		For Medium Clean, Add	*27.46*	
		For Heavy Clean, Add	*84.99*	
02 90 50 00-0042	EA	>24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up Note: Includes removal from site, cleaning, and return.	81.72	
		For Medium Clean, Add	*34.32*	
		For Heavy Clean, Add	*106.24*	
02 90 50 00-0043	EA	>96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up Note: Includes removal from site, cleaning, and return.	98.06	
		For Medium Clean, Add	*41.19*	
		For Heavy Clean, Add	*127.48*	
02 90 50 00-0044	EA	>140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up	114.41	
		For Medium Clean, Add	*48.05*	
		For Heavy Clean, Add	*148.73*	
02 90 50 00-0045		**Clean Window Treatments** *(02 90 50 00-0008)*		
02 90 50 00-0046	SF	Window Blind, Light Clean For Disaster Clean-up	0.71	
		For Medium Clean, Add	*0.30*	
		For Heavy Clean, Add	*0.92*	
02 90 50 00-0047	EA	Up To 6' Long Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.45	
		For Medium Clean, Add	*0.61*	
		For Heavy Clean, Add	*1.89*	
02 90 50 00-0048	EA	Up To 6' Long Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.68	
		For Medium Clean, Add	*0.71*	
		For Heavy Clean, Add	*2.18*	
02 90 50 00-0049	EA	>6' To 8' Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.52	
		For Medium Clean, Add	*0.64*	
		For Heavy Clean, Add	*1.98*	
02 90 50 00-0050	EA	>6' To 8' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.75	
		For Medium Clean, Add	*0.74*	
		For Heavy Clean, Add	*2.28*	
02 90 50 00-0051	EA	>8' To 10' Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.87	
		For Medium Clean, Add	*0.79*	
		For Heavy Clean, Add	*2.43*	
02 90 50 00-0052	EA	>8' To 10' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	2.15	
		For Medium Clean, Add	*0.90*	
		For Heavy Clean, Add	*2.80*	
02 90 50 00-0053		**Clean Appliances** *(02 90 50 00-0008)*		
02 90 50 00-0054	EA	Microwave Oven, Outside, Light Clean For Disaster Clean-up	12.84	
		For Medium Clean, Add	*5.39*	
		For Heavy Clean, Add	*16.69*	
02 90 50 00-0055	EA	Refrigerator, Outside, Light Clean For Disaster Clean-up	30.26	
		For Medium Clean, Add	*12.71*	
		For Heavy Clean, Add	*39.34*	
02 90 50 00-0056	EA	Range, Outside, Light Clean For Disaster Clean-up	26.15	
		For Medium Clean, Add	*10.98*	
		For Heavy Clean, Add	*34.00*	
02 90 50 00-0057		**Clean Plumbing** *(02 90 50 00-0008)*		
02 90 50 00-0058	EA	Water Heater, Light Clean For Disaster Clean-up	18.60	
		For Medium Clean, Add	*7.81*	
		For Heavy Clean, Add	*24.18*	
02 90 50 00-0059	EA	Plumbing Fixture, Light Clean For Disaster Clean-up	18.78	
		For Medium Clean, Add	*7.89*	
		For Heavy Clean, Add	*24.41*	
02 90 50 00-0060	EA	Restroom Accessory, Light Clean For Disaster Clean-up	8.62	
		For Medium Clean, Add	*3.62*	
		For Heavy Clean, Add	*11.21*	
02 90 50 00-0061		**Clean HVAC** *(02 90 50 00-0008)*		
02 90 50 00-0062	LF	Baseboard Heater, Light Clean For Disaster Clean-up	5.55	
		For Medium Clean, Add	*2.33*	
		For Heavy Clean, Add	*7.22*	
02 90 50 00-0063	LF	Ductwork, Exterior Wipe, Light Clean For Disaster Clean-up	15.50	
		For Medium Clean, Add	*6.51*	
		For Heavy Clean, Add	*20.15*	
02 90 50 00-0064	EA	Ductwork, Interior (Per Grille/Register), Light Clean For Disaster Clean-up	59.52	
		For Medium Clean, Add	*25.00*	
		For Heavy Clean, Add	*77.38*	
02 90 50 00-0065	EA	Grille/Register, Light Clean For Disaster Clean-up	5.58	
		For Medium Clean, Add	*2.34*	
		For Heavy Clean, Add	*7.25*	
02 90 50 00-0066	EA	Air Handling Unit, Exterior Wipe, Light Clean For Disaster Clean-up	38.64	
		For Medium Clean, Add	*16.23*	
		For Heavy Clean, Add	*50.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0067	EA	Furnace, Exterior Wipe, Light Clean For Disaster Clean-up	34.41	
		For Medium Clean, Add	*14.45*	
		For Heavy Clean, Add	*44.73*	
02 90 50 00-0068		**Clean Electrical** *(02 90 50 00-0008)*		
02 90 50 00-0069	EA	Electric Fan, Light Clean For Disaster Clean-up	22.94	
		For Medium Clean, Add	*9.63*	
		For Heavy Clean, Add	*29.82*	
02 90 50 00-0070	EA	Ceiling Fan, Light Clean For Disaster Clean-up	24.80	
		For Medium Clean, Add	*10.42*	
		For Heavy Clean, Add	*32.24*	
02 90 50 00-0071	EA	Ceiling Fan And Light, Light Clean For Disaster Clean-up	32.24	
		For Medium Clean, Add	*13.54*	
		For Heavy Clean, Add	*41.91*	
02 90 50 00-0072	EA	Ceiling Exhaust Fan, Light Clean For Disaster Clean-up	22.63	
		For Medium Clean, Add	*9.50*	
		For Heavy Clean, Add	*29.42*	
02 90 50 00-0073	EA	2' x 4' Light Fixture, Light Clean For Disaster Clean-up	14.88	
		For Medium Clean, Add	*6.25*	
		For Heavy Clean, Add	*19.34*	
02 90 50 00-0074	EA	Light Fixture, Light Clean For Disaster Clean-up	6.82	
		For Medium Clean, Add	*2.86*	
		For Heavy Clean, Add	*8.87*	
02 90 50 00-0075	EA	Smoke Detector, Light Clean For Disaster Clean-up	5.27	
		For Medium Clean, Add	*2.21*	
		For Heavy Clean, Add	*6.85*	
02 90 50 00-0076	EA	Thermostat, Light Clean For Disaster Clean-up	1.86	
		For Medium Clean, Add	*0.78*	
		For Heavy Clean, Add	*2.42*	
02 90 50 00-0077		**Thermal Fog** *(02 90 50 00-0008)*		
02 90 50 00-0078	CF	Clean And Deodorize Building With Thermal Fog For Disaster Clean-up	0.02	
02 90 50 00-0079		**Contents Manipulation** *(02 90 50)*		
02 90 50 00-0080	SF	Cover Contents With 6 Mil Plastic Sheeting For Disaster Clean-up	0.24	
02 90 50 00-0081	SF	Floor Protection, Adhesive Film For Disaster Clean-up	0.29	
02 90 50 00-0082	SF	Move Contents Out And Later Reset For Disaster Clean-up	0.49	
02 90 50 00-0083	MO	20' Long Job Site Storage Trailer For Disaster Clean-up	184.68	
02 90 50 00-0084	MO	40' Long Job Site Storage Trailer For Disaster Clean-up	244.91	
02 90 50 00-0085	EA	Delivery Or Pickup Job Site Storage Trailer For Disaster Clean-up	144.20	
02 90 50 00-0086		**Water Disaster Clean-up** *(02 90 50)*		
02 90 50 00-0087	LF	Detach Baseboard For Disaster Clean-up	0.67	
02 90 50 00-0088	LF	Detach And Later Reset Baseboard For Disaster Clean-up	1.19	
02 90 50 00-0089	EA	Block And Pad Furniture (Per Piece Of Furniture) For Disaster Clean-up	4.40	
02 90 50 00-0090	SF	Water Extraction From Floor For Disaster Clean-up	0.45	
02 90 50 00-0091	SF	Gray Water Extraction From Floor For Disaster Clean-up	0.74	
02 90 50 00-0092	SF	Black Water Extraction From Floor For Disaster Clean-up	1.16	
02 90 50 00-0093	SF	Tear Out Wet Non Salvageable Carpet For Disaster Clean-up	0.36	
02 90 50 00-0094	SF	Tear Out Wet Non Salvageable Carpet, Black Water For Disaster Clean-up	0.43	
02 90 50 00-0095	SF	Tear Out Wet Non Salvageable Glue Down Carpet For Disaster Clean-up	0.65	
02 90 50 00-0096	SF	Tear Out Wet Non Salvageable Glue Down Carpet, Black Water For Disaster Clean-up	0.95	
02 90 50 00-0097	SF	Tear Out Vinyl Flooring For Disaster Clean-up	0.89	
02 90 50 00-0098	SF	Tear Out Vinyl Flooring, Black Water For Disaster Clean-up	1.32	
02 90 50 00-0099	SF	Tear Out Wood Flooring, Black Water For Disaster Clean-up	3.41	
02 90 50 00-0100	SF	Tear Out Laminated Wood Flooring For Disaster Clean-up	1.67	
02 90 50 00-0101	SF	Tear Out Laminated Wood Flooring, Black Water For Disaster Clean-up	2.46	
02 90 50 00-0102	SF	Tear Out Wet Ceiling Tile For Disaster Clean-up	0.28	
02 90 50 00-0103	SF	Tear Out Batt Insulation For Disaster Clean-up	0.28	
02 90 50 00-0104	SF	Tear Out Wet Gypsum Board For Disaster Clean-up	0.48	
02 90 50 00-0105	SF	Apply Antimicrobial Agent For Disaster Clean-up	0.28	
02 90 50 00-0106	SF	High Efficiency Particulate Air (HEPA) Vacuuming For Disaster Clean-up	0.36	
02 90 50 00-0107		**Board Up And Tarp Up** *(02 90 50)*		
02 90 50 00-0108	SF	Polyethylene Tarp On Roof For Disaster Clean-up	0.27	
02 90 50 00-0109	SF	1/2" Temporary Plywood On Roof For Disaster Clean-up	1.66	
02 90 50 00-0110	SF	5/8" Temporary Plywood On Roof For Disaster Clean-up	1.82	
02 90 50 00-0111	SF	3/4" Temporary Plywood On Roof For Disaster Clean-up	1.98	
02 90 50 00-0112	SF	1/2" Temporary Plywood On Wall Or Windows For Disaster Clean-up	2.03	
02 90 50 00-0113	SF	5/8" Temporary Plywood On Wall Or Windows For Disaster Clean-up	2.19	
02 90 50 00-0114	SF	3/4" Temporary Plywood On Wall Or Windows For Disaster Clean-up	2.35	
02 90 50 00-0115		**Minimum Charges** *(02 90 50)*		
02 90 50 00-0116	EA	Disaster Cleaning Minimum Charge	1,344.13	
02 90 50 00-0117	EA	Disaster Water Extraction Minimum Charge	278.72	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0118	EA	Disaster Carpet Cleaning Minimum Charge	237.78	
02 90 50 00-0119		Document Restoration *(02 90 50)*		
02 90 50 00-0120	EA	Book Rebinding, Each For Document Restoration	122.79	
02 90 50 00-0121	EA	Book Recasing, Each For Document Restoration	61.39	
02 90 50 00-0122	EA	Boxes-MCS, 1.2 CF For Document Restoration	8.74	
02 90 50 00-0123	EA	Boxes-MCS, 2.0 CF For Document Restoration	9.64	
02 90 50 00-0124	EA	Boxes Bankers For Document Restoration	19.62	
02 90 50 00-0125	EA	Boxes Standard Packout For Document Restoration	5.59	
02 90 50 00-0126	EA	Boxes X Ray For Document Restoration	12.29	
02 90 50 00-0127	EA	CD Scanning and Diagnostics, Each For Document Restoration	12.29	
02 90 50 00-0128	EA	Cleaning Antique Books, Each For Document Restoration	368.36	
02 90 50 00-0129	EA	Cleaning Catheter Roll, Per Roll For Document Restoration	49.10	
02 90 50 00-0130	EA	Cleaning CD And DVD, Per Disc For Document Restoration	4.93	
02 90 50 00-0131	EA	Cleaning Level 1 - Blue Prints, Each For Document Restoration	3.91	
02 90 50 00-0132	CF	Cleaning Level 1 - Document Per CF For Document Restoration	121.05	
02 90 50 00-0133	EA	Cleaning Level 1 - Linen, Each For Document Restoration	3.91	
02 90 50 00-0134	EA	Cleaning Level 1 - Mylar, Each For Document Restoration	3.91	
02 90 50 00-0135	EA	Cleaning Level 2 - Blue Print, Each For Document Restoration	4.85	
02 90 50 00-0136	CF	Cleaning Level 2 - Document Per CF For Document Restoration	181.41	
02 90 50 00-0137	EA	Cleaning Level 2 - Linen, Each For Document Restoration	4.85	
02 90 50 00-0138	EA	Cleaning Level 2 - Mylar, Each For Document Restoration	4.85	
02 90 50 00-0139	EA	Cleaning Level 3 - Blue Prints, Each For Document Restoration	6.88	
02 90 50 00-0140	CF	Cleaning Level 3 - Document Per CF For Document Restoration	242.06	
02 90 50 00-0141	EA	Cleaning Level 3 - Linen, Each For Document Restoration	6.88	
02 90 50 00-0142	EA	Cleaning Level 3 - Mylar, Each For Document Restoration	6.88	
02 90 50 00-0143	EA	Cleaning Level 4 - All Fire-Blue Print, Each For Document Restoration	9.65	
02 90 50 00-0144	EA	Cleaning Level 4 - All Fire-Linen, Each For Document Restoration	9.65	
02 90 50 00-0145	EA	Cleaning Level 4 - All Fire-Mylar, Each For Document Restoration	9.65	
02 90 50 00-0146	CF	Cleaning Level 4 - Light Fire-Document Per CF For Document Restoration	302.52	
02 90 50 00-0147	EA	Cleaning Level 5 - Severe Fire-Blue Print, Each For Document Restoration	10.70	
02 90 50 00-0148	CF	Cleaning Level 5 - Severe Fire-Document Per CF For Document Restoration	453.91	
02 90 50 00-0149	EA	Cleaning Level 5 - Severe Fire-Linen, Each For Document Restoration	10.70	
02 90 50 00-0150	EA	Cleaning Level 5 - Severe Fire-Mylar, Each For Document Restoration	10.70	
02 90 50 00-0151	EA	Cleaning Microfiche Sheets, Each For Document Restoration	3.79	
02 90 50 00-0152	EA	Cleaning Microfiche Strips, Each For Document Restoration	0.88	
02 90 50 00-0153	EA	Cleaning Microfilm Rolls (In House), Per Roll For Document Restoration	122.79	
02 90 50 00-0154	EA	Cleaning Microfilm Rolls (Outside), Per Roll For Document Restoration	171.91	
02 90 50 00-0155	EA	Cleaning Photographs Negatives, Per Negative For Document Restoration	3.79	
02 90 50 00-0156	EA	Cleaning Photographs, Each For Document Restoration	0.88	
02 90 50 00-0157	EA	Cleaning Record Albums, Each For Document Restoration	4.93	
02 90 50 00-0158	EA	Cleaning VHS And Beta Tapes-In House, Each For Document Restoration	12.29	
02 90 50 00-0159	EA	Cleaning VHS And Beta Tapes-Outside, Each For Document Restoration	49.10	
02 90 50 00-0160	EA	Cleaning X Ray 1-1,000, Per Film For Document Restoration	5.18	
02 90 50 00-0161	EA	Cleaning X Ray 1K-5K, Per Film For Document Restoration	4.42	
02 90 50 00-0162	EA	Cleaning X Ray 5K-Up, Per Film For Document Restoration	3.47	
02 90 50 00-0163	EA	Copying Clean Water, Per Page For Document Restoration	0.50	
02 90 50 00-0164	EA	Copying Greywater Fire, Per Page For Document Restoration	1.33	
02 90 50 00-0165	CF	Deodorization, Vapor Tech For Document Restoration	8.88	
02 90 50 00-0166	CF	Disinfectant-Fogging For Document Restoration	17.22	
02 90 50 00-0167	EA	Document Disposal In House No Shredding For Document Restoration	68.97	
02 90 50 00-0168	EA	Document Disposal In House With Shredding For Document Restoration	18.82	
02 90 50 00-0169	CF	Up To 150 CF, Drying-MCS Center For Document Restoration	221.02	
02 90 50 00-0170	CF	>150 To 500 CF, Drying-MCS Center For Document Restoration	171.91	
02 90 50 00-0171	CF	>500 CF, Drying-MCS Center For Document Restoration	147.34	
02 90 50 00-0172	CF	>50 To 150 CF, Drying-MCS Center For Document Restoration	196.47	
02 90 50 00-0173	CF	Up To 500 CF, Drying-Onsite For Document Restoration	368.36	
02 90 50 00-0174	CF	>500 CF, Drying-Onsite For Document Restoration	225.97	
02 90 50 00-0175	EA	Drying Antique Books, Each For Document Restoration	49.10	
02 90 50 00-0176	EA	Drying Blue Prints, Each For Document Restoration	6.14	
02 90 50 00-0177	EA	DVD Scanning And Diagnostics, Each For Document Restoration	12.29	
02 90 50 00-0178	EA	Freeze Drying (In House) For Document Restoration	125.87	
02 90 50 00-0179	EA	Freeze Drying (Outside) For Document Restoration	107.89	
02 90 50 00-0180	EA	Up To 48 CF, Irradiation - Gamma (Minimum Charge) For Document Restoration	2,967.03	
02 90 50 00-0181	CF	>48 CF, Irradiation - Gamma (Per CF Charge) For Document Restoration	26.97	
02 90 50 00-0182	EA	Minimal Drying Jobs For Document Restoration	1,249.75	
02 90 50 00-0183	EA	Monthly Storage For Document Restoration	224.78	
02 90 50 00-0184	EA	Mylar Prints For Document Restoration	12.29	
02 90 50 00-0185	CF	Ozoning For Document Restoration	7.97	
02 90 50 00-0186	CF	Stabilization Freezer Storage, Per Cubic Foot Per Month For Document Restoration	10.86	
02 90 50 00-0187	MO	Stabilization Freezer Storage, Per Page-Per Month For Document Restoration	0.12	
02 90 50 00-0188	EA	Wood Pallets, Each For Document Restoration	30.19	

02 90 55 Emergency Clean-up *(02 90)*

02 90 55 00-0001 Emergency Clean-up *(02 90 55)*

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0002		**Emergency Clean-up Labor** *(02 90 55 00-0001)* Note: Used in the performance of time and material projects. Not to be used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 55 00-0003	HR	Skilled Tradesman For Emergency Clean Up	60.96	
02 90 55 00-0004	HR	Restoration / Document Laborer For Emergency Clean Up	42.67	
02 90 55 00-0005	HR	Restoration / Document Supervisor For Emergency Clean Up	58.67	
02 90 55 00-0006	HR	Restoration / Document Project Manager For Emergency Clean Up	96.01	
02 90 55 00-0007	HR	Assistant Project Manager For Emergency Clean Up	80.01	
02 90 55 00-0008	HR	Senior Project Manager For Emergency Clean Up	112.01	
02 90 55 00-0009	HR	Project Director / Document Consultant / Account Manager For Emergency Clean Up	160.02	
02 90 55 00-0010	HR	Equipment Technician For Emergency Clean Up	117.35	
02 90 55 00-0011	HR	Mold Remediation Laborer For Emergency Clean Up	58.42	
02 90 55 00-0012	HR	Mold Remediation Supervisor For Emergency Clean Up	80.01	
02 90 55 00-0013	HR	Administrative Personnel For Emergency Clean Up	37.34	
02 90 55 00-0014	HR	Project Accountant For Emergency Clean Up	60.96	
02 90 55 00-0015	HR	Biohazard Technician For Emergency Clean Up	84.71	
02 90 55 00-0016	HR	Biohazard Supervisor For Emergency Clean Up	101.85	
02 90 55 00-0017	HR	Health And Safety Officer For Emergency Clean Up	91.44	
02 90 55 00-0018	HR	Resource And Logistics Coordinator For Emergency Clean Up	66.04	
02 90 55 00-0019	HR	Loss Control Specialist For Emergency Clean Up	64.01	
02 90 55 00-0020	HR	Moisture Control Specialist For Emergency Clean Up	52.83	
02 90 55 00-0021	HR	Mobilzation Support For Emergency Clean Up	32.51	
02 90 55 00-0022		**Emergency Clean-up Equipment** *(02 90 55 00-0001)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 55 00-0023		**General Emergency Clean-up Equipment** *(02 90 55 00-0022)*		
02 90 55 00-0024	DAY	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	147.16	
02 90 55 00-0025	WK	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	561.40	
02 90 55 00-0026	MO	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up	1,537.04	
02 90 55 00-0027	DAY	13" Floor Buffer Rental For Emergency Clean-up	52.66	
02 90 55 00-0028	WK	13" Floor Buffer Rental For Emergency Clean-up	140.69	
02 90 55 00-0029	MO	13" Floor Buffer Rental For Emergency Clean-up	388.37	
02 90 55 00-0030	DAY	17" Floor Buffer Rental For Emergency Clean-up	97.09	
02 90 55 00-0031	WK	17" Floor Buffer Rental For Emergency Clean-up	247.69	
02 90 55 00-0032	MO	17" Floor Buffer Rental For Emergency Clean-up	584.54	
02 90 55 00-0033	DAY	Walk Behind Floor Scrubber Rental For Emergency Clean-up	535.00	
02 90 55 00-0034	WK	Walk Behind Floor Scrubber Rental For Emergency Clean-up	1,436.59	
02 90 55 00-0035	MO	Walk Behind Floor Scrubber Rental For Emergency Clean-up	4,002.63	
02 90 55 00-0036	DAY	Ride-On Floor Scrubber Rental For Emergency Clean-up	1,208.72	
02 90 55 00-0037	WK	Ride-On Floor Scrubber Rental For Emergency Clean-up	3,190.22	
02 90 55 00-0038	MO	Ride-On Floor Scrubber Rental For Emergency Clean-up	8,599.71	
02 90 55 00-0039	DAY	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	87.19	
02 90 55 00-0040	WK	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	247.69	
02 90 55 00-0041	MO	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	852.04	
02 90 55 00-0042	DAY	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	81.24	
02 90 55 00-0043	WK	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	217.96	
02 90 55 00-0044	MO	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	564.73	
02 90 55 00-0045	DAY	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	129.99	
02 90 55 00-0046	WK	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	370.94	
02 90 55 00-0047	MO	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	1,036.72	
02 90 55 00-0048	DAY	Truck Mounted Extractor Rental For Emergency Clean-up	923.37	
02 90 55 00-0049	WK	Truck Mounted Extractor Rental For Emergency Clean-up	2,770.12	
02 90 55 00-0050	MO	Truck Mounted Extractor Rental For Emergency Clean-up	8,310.36	
02 90 55 00-0051	DAY	16" Chain Saw Rental For Emergency Clean-up	95.11	
02 90 55 00-0052	WK	16" Chain Saw Rental For Emergency Clean-up	214.00	
02 90 55 00-0053	MO	16" Chain Saw Rental For Emergency Clean-up	570.67	
02 90 55 00-0054	DAY	20" Chain Saw Rental For Emergency Clean-up	118.89	
02 90 55 00-0055	WK	20" Chain Saw Rental For Emergency Clean-up	267.50	
02 90 55 00-0056	MO	20" Chain Saw Rental For Emergency Clean-up	713.34	
02 90 55 00-0057	EA	Cleaning Kit With Mop, Broom And Bucket For Emergency Clean-up	89.17	
02 90 55 00-0058	DAY	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	126.82	
02 90 55 00-0059	WK	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	346.76	
02 90 55 00-0060	MO	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up	970.94	
02 90 55 00-0061	DAY	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	154.56	
02 90 55 00-0062	WK	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	525.10	
02 90 55 00-0063	MO	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	1,000.66	
02 90 55 00-0064	DAY	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	149.19	
02 90 55 00-0065	WK	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	410.27	
02 90 55 00-0066	MO	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	1,118.93	
02 90 55 00-0067	DAY	Extension Cords - 220 Volt For Emergency Clean-up	49.54	
02 90 55 00-0068	DAY	Extension Cords - 220 Volt Converter Box For Emergency Clean-up	29.72	
02 90 55 00-0069	DAY	Demolition Cart, 1 Yard For Emergency Clean-up	79.26	
02 90 55 00-0070	WK	Demolition Cart, 1 Yard For Emergency Clean-up	217.96	
02 90 55 00-0071	MO	Demolition Cart, 1 Yard For Emergency Clean-up	594.45	
02 90 55 00-0072	DAY	Demolition Cart, 1-1/2 Yard For Emergency Clean-up	99.08	
02 90 55 00-0073	WK	Demolition Cart, 1-1/2 Yard For Emergency Clean-up	272.46	
02 90 55 00-0074	MO	Demolition Cart, 1-1/2 Yard For Emergency Clean-up	743.06	
02 90 55 00-0075	EA	Demolition Kit With Wheel Barrow, Shovel And Broom For Emergency Clean-up	148.61	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0076	DAY	Dry-Ice Blasting System For Emergency Clean-up	1,750.55	
02 90 55 00-0077	DAY	Fogger - Mist For Emergency Clean-up	43.88	
02 90 55 00-0078	WK	Fogger - Mist For Emergency Clean-up	120.67	
02 90 55 00-0079	MO	Fogger - Mist For Emergency Clean-up	329.10	
02 90 55 00-0080	DAY	Fogger - Electric Thermal For Emergency Clean-up	63.19	
02 90 55 00-0081	WK	Fogger - Electric Thermal For Emergency Clean-up	173.76	
02 90 55 00-0082	MO	Fogger - Electric Thermal For Emergency Clean-up	473.90	
02 90 55 00-0083	DAY	Fogger - Gas Power Thermal For Emergency Clean-up	182.76	
02 90 55 00-0084	WK	Fogger - Gas Power Thermal For Emergency Clean-up	502.60	
02 90 55 00-0085	MO	Fogger - Gas Power Thermal For Emergency Clean-up	1,370.72	
02 90 55 00-0086	EA	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	208.95	
02 90 55 00-0087	WK	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	574.61	
02 90 55 00-0088	MO	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	1,567.12	
02 90 55 00-0089	DAY	Hand Trucks/Dollies For Emergency Clean-up	23.78	
02 90 55 00-0090	WK	Hand Trucks/Dollies For Emergency Clean-up	65.39	
02 90 55 00-0091	MO	Hand Trucks/Dollies For Emergency Clean-up	178.34	
02 90 55 00-0092	DAY	Heat Gun - Shrink Wrap For Emergency Clean-up	134.86	
02 90 55 00-0093	WK	Heat Gun - Shrinkwrap For Emergency Clean-up	370.88	
02 90 55 00-0094	MO	Heat Gun - Shrinkwrap For Emergency Clean-up	1,011.49	
02 90 55 00-0095	DAY	High Efficiency Particulate Air (HEPA) Negative Air Machine For Emergency Clean-up Note: Includes all filters.	183.88	
02 90 55 00-0096	DAY	Ladder For Emergency Clean-up	33.69	
02 90 55 00-0097	DAY	Lights - Demo, Drop, Stand, String For Emergency Clean-up	31.59	
02 90 55 00-0098	DAY	Lights - Wobble For Emergency Clean-up	38.61	
02 90 55 00-0099	DAY	Moisture Meter For Emergency Clean-up	52.66	
02 90 55 00-0100	WK	Moisture Meter For Emergency Clean-up	144.80	
02 90 55 00-0101	MO	Moisture Meter For Emergency Clean-up	394.92	
02 90 55 00-0102	DAY	Nail Gun For Emergency Clean-up	89.17	
02 90 55 00-0103	WK	Nail Gun For Emergency Clean-up	245.21	
02 90 55 00-0104	MO	Nail Gun For Emergency Clean-up	668.76	
02 90 55 00-0105	DAY	Ozone Generator For Emergency Clean-up	219.40	
02 90 55 00-0106	DAY	PPE (Personal Protective Equipment) Mold Remediation Related For Emergency Clean-up	118.89	
02 90 55 00-0107	DAY	Portable Generator, Up To 7,500 Watt For Emergency Clean-up	175.52	
02 90 55 00-0108	DAY	Pressure Washer, Hot For Emergency Clean-up	263.28	
02 90 55 00-0109	DAY	Pressure Washer, Cold For Emergency Clean-up	175.52	
02 90 55 00-0110	DAY	Scaffolding - Per Section For Emergency Clean-up	128.80	
02 90 55 00-0111	DAY	Small Tools - Tool Box For Emergency Clean-up	49.54	
02 90 55 00-0112	DAY	Soda Blasting Equipment For Emergency Clean-up	1,737.06	
02 90 55 00-0113	DAY	Sprayer - Hudson For Emergency Clean-up	15.85	
02 90 55 00-0114	WK	Sprayer - Hudson For Emergency Clean-up	43.59	
02 90 55 00-0115	MO	Sprayer - Hudson For Emergency Clean-up	118.89	
02 90 55 00-0116	DAY	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	146.55	
02 90 55 00-0117	WK	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	315.06	
02 90 55 00-0118	MO	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	1,078.37	
02 90 55 00-0119	DAY	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	211.15	
02 90 55 00-0120	WK	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	497.71	
02 90 55 00-0121	MO	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	1,387.57	
02 90 55 00-0122	DAY	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	226.23	
02 90 55 00-0123	WK	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	565.58	
02 90 55 00-0124	MO	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	1,523.30	
02 90 55 00-0125	DAY	Storage Space (Per SF Per Day) For Emergency Clean-up	4.35	
02 90 55 00-0126	DAY	Submersible Pump For Emergency Clean-up	43.88	
02 90 55 00-0127	DAY	Trash Pump - 2" Gas Powered For Emergency Clean-up	249.95	
02 90 55 00-0128	DAY	Vehicle, Pick-up, SUV, Car For Emergency Clean-up	124.08	
02 90 55 00-0129	DAY	Vehicle, Van For Emergency Clean-up	202.30	
02 90 55 00-0130	DAY	16' Or 24' Box Truck Vehicle For Emergency Clean-up Note: Includes Mileage	253.84	
02 90 55 00-0131	DAY	Trailer - Refrigerated 40' Storage For Emergency Clean-up	268.83	
02 90 55 00-0132	DAY	Utility Trailer For Emergency Clean-up Note: Includes Mileage	223.88	
02 90 55 00-0133	DAY	Truck Mount, Per Wand Extraction For Emergency Clean-up	1,009.69	
02 90 55 00-0134	DAY	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	43.88	
02 90 55 00-0135	WK	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	120.67	
02 90 55 00-0136	MO	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	329.10	
02 90 55 00-0137	DAY	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	149.19	
02 90 55 00-0138	WK	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	410.27	
02 90 55 00-0139	MO	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	1,118.93	
02 90 55 00-0140	DAY	Vacuum - Upright For Emergency Clean-up	29.67	
02 90 55 00-0141	WK	Vacuum - Upright For Emergency Clean-up	81.59	
02 90 55 00-0142	MO	Vacuum - Upright For Emergency Clean-up	222.53	
02 90 55 00-0143	DAY	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	61.43	
02 90 55 00-0144	WK	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	152.58	
02 90 55 00-0145	MO	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	366.58	
02 90 55 00-0146	DAY	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	61.43	
02 90 55 00-0147	WK	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	152.58	
02 90 55 00-0148	MO	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	386.39	
02 90 55 00-0149	DAY	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	140.69	
02 90 55 00-0150	WK	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	376.48	
02 90 55 00-0151	MO	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	1,050.20	
02 90 55 00-0152	DAY	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	43.88	
02 90 55 00-0153	WK	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	120.67	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0154	MO	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	329.10	
02 90 55 00-0155	DAY	10' x 10' Canopy For Emergency Clean-up	124.83	
02 90 55 00-0156	WK	10' x 10' Canopy For Emergency Clean-up	249.67	
02 90 55 00-0157	MO	10' x 10' Canopy For Emergency Clean-up	499.34	
02 90 55 00-0158	DAY	10' x 20' Canopy For Emergency Clean-up	249.67	
02 90 55 00-0159	WK	10' x 20' Canopy For Emergency Clean-up	499.34	
02 90 55 00-0160	MO	10' x 20' Canopy For Emergency Clean-up	998.68	
02 90 55 00-0161	DAY	16' x 16' Canopy For Emergency Clean-up	313.08	
02 90 55 00-0162	WK	16' x 16' Canopy For Emergency Clean-up	626.15	
02 90 55 00-0163	MO	16' x 16' Canopy For Emergency Clean-up	1,252.31	
02 90 55 00-0164	DAY	20' x 20' Canopy For Emergency Clean-up	416.12	
02 90 55 00-0165	WK	20' x 20' Canopy For Emergency Clean-up	832.23	
02 90 55 00-0166	MO	20' x 20' Canopy For Emergency Clean-up	1,664.46	
02 90 55 00-0167	DAY	20' x 30' Canopy For Emergency Clean-up	475.56	
02 90 55 00-0168	WK	20' x 30' Canopy For Emergency Clean-up	951.12	
02 90 55 00-0169	MO	20' x 30' Canopy For Emergency Clean-up	1,902.24	
02 90 55 00-0170	DAY	20' x 40' Canopy For Emergency Clean-up	554.82	
02 90 55 00-0171	WK	20' x 40' Canopy For Emergency Clean-up	1,109.64	
02 90 55 00-0172	MO	20' x 40' Canopy For Emergency Clean-up	2,219.28	
02 90 55 00-0173	DAY	First Aid Station For Emergency Clean-up	299.60	
02 90 55 00-0174	WK	First Aid Station For Emergency Clean-up	823.91	
02 90 55 00-0175	MO	First Aid Station For Emergency Clean-up	2,247.02	
02 90 55 00-0176	DAY	Portable Eyewash Station For Emergency Clean-up	90.99	
02 90 55 00-0177	WK	Portable Eyewash Station For Emergency Clean-up	250.22	
02 90 55 00-0178	MO	Portable Eyewash Station For Emergency Clean-up	682.43	
02 90 55 00-0179	DAY	2 Way Radio For Emergency Clean-up	37.76	
02 90 55 00-0180		Technical/Electronics Restoration Equipment *(02 90 55 00-0022)*		
02 90 55 00-0181	DAY	Computer - Diagnostic For Emergency Clean-up	49.54	
02 90 55 00-0182	WK	Computer - Diagnostic For Emergency Clean-up	136.23	
02 90 55 00-0183	MO	Computer - Diagnostic For Emergency Clean-up	371.53	
02 90 55 00-0184	DAY	Convection Oven - Large For Emergency Clean-up	784.91	
02 90 55 00-0185	WK	Convection Oven - Large For Emergency Clean-up	2,158.51	
02 90 55 00-0186	MO	Convection Oven - Large For Emergency Clean-up	5,886.86	
02 90 55 00-0187	DAY	Convection Oven - Small For Emergency Clean-up	178.34	
02 90 55 00-0188	WK	Convection Oven - Small For Emergency Clean-up	490.42	
02 90 55 00-0189	MO	Convection Oven - Small For Emergency Clean-up	1,337.51	
02 90 55 00-0190	DAY	Convection Oven - Vacuum For Emergency Clean-up	1,120.28	
02 90 55 00-0191	WK	Convection Oven - Vacuum For Emergency Clean-up	3,080.77	
02 90 55 00-0192	MO	Convection Oven - Vacuum For Emergency Clean-up	8,402.09	
02 90 55 00-0193	DAY	Decontamination Booth For Emergency Clean-up	926.07	
02 90 55 00-0194	WK	Decontamination Booth For Emergency Clean-up	2,546.70	
02 90 55 00-0195	MO	Decontamination Booth For Emergency Clean-up	6,945.55	
02 90 55 00-0196	DAY	DI Water System For Emergency Clean-up	71.93	
02 90 55 00-0197	WK	DI Water System For Emergency Clean-up	197.80	
02 90 55 00-0198	MO	DI Water System For Emergency Clean-up	539.46	
02 90 55 00-0199	DAY	ESD Bench Workstation For Emergency Clean-up	44.06	
02 90 55 00-0200	WK	ESD Bench Workstation For Emergency Clean-up	121.15	
02 90 55 00-0201	MO	ESD Bench Workstation For Emergency Clean-up	330.42	
02 90 55 00-0202	DAY	Heater/Enclosure Control System For Emergency Clean-up	29.72	
02 90 55 00-0203	WK	Heater/Enclosure Control System For Emergency Clean-up	81.74	
02 90 55 00-0204	MO	Heater/Enclosure Control System For Emergency Clean-up	222.92	
02 90 55 00-0205	DAY	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	113.29	
02 90 55 00-0206	WK	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	311.54	
02 90 55 00-0207	MO	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	849.65	
02 90 55 00-0208	DAY	Micro-Blaster/Dust Collector For Emergency Clean-up	445.84	
02 90 55 00-0209	WK	Micro-Blaster/Dust Collector For Emergency Clean-up	1,226.05	
02 90 55 00-0210	MO	Micro-Blaster/Dust Collector For Emergency Clean-up	3,343.78	
02 90 55 00-0211	DAY	Mobile Laboratory For Emergency Clean-up	1,238.44	
02 90 55 00-0212	WK	Mobile Laboratory For Emergency Clean-up	3,405.70	
02 90 55 00-0213	MO	Mobile Laboratory For Emergency Clean-up	9,288.28	
02 90 55 00-0214	DAY	Nitrogen Enclosure Cabinet For Emergency Clean-up	23.78	
02 90 55 00-0215	WK	Nitrogen Enclosure Cabinet For Emergency Clean-up	65.39	
02 90 55 00-0216	MO	Nitrogen Enclosure Cabinet For Emergency Clean-up	178.34	
02 90 55 00-0217	DAY	Odell Cleaning Station For Emergency Clean-up	693.52	
02 90 55 00-0218	WK	Odell Cleaning Station For Emergency Clean-up	1,907.19	
02 90 55 00-0219	MO	Odell Cleaning Station For Emergency Clean-up	5,201.44	
02 90 55 00-0220	DAY	Parts Washer For Emergency Clean-up	49.54	
02 90 55 00-0221	WK	Parts Washer For Emergency Clean-up	136.23	
02 90 55 00-0222	MO	Parts Washer For Emergency Clean-up	371.53	
02 90 55 00-0223	DAY	Ultrasonic Cleaning System For Emergency Clean-up	337.16	
02 90 55 00-0224	WK	Ultrasonic Cleaning System For Emergency Clean-up	927.20	
02 90 55 00-0225	MO	Ultrasonic Cleaning System For Emergency Clean-up	2,528.72	
02 90 55 00-0226	DAY	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	149.19	
02 90 55 00-0227	WK	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	410.27	
02 90 55 00-0228	MO	Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	1,118.93	
02 90 55 00-0229		Drying/Dehumidification Equipment *(02 90 55 00-0022)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0230	DAY	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.	219.40	
02 90 55 00-0231	WK	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.	603.34	
02 90 55 00-0232	MO	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.	1,645.48	
02 90 55 00-0233	DAY	2,200 CFM Centrifugal Air Mover For Emergency Clean-up	55.12	
02 90 55 00-0234	WK	2,200 CFM Centrifugal Air Mover For Emergency Clean-up	151.58	
02 90 55 00-0235	MO	2,200 CFM Centrifugal Air Mover For Emergency Clean-up	413.39	
02 90 55 00-0236	DAY	3,000 CFM Axial Air Mover For Emergency Clean-up	91.86	
02 90 55 00-0237	WK	3,000 CFM Axial Air Mover For Emergency Clean-up	252.63	
02 90 55 00-0238	MO	3,000 CFM Axial Air Mover For Emergency Clean-up	688.99	
02 90 55 00-0239	DAY	Injectidry System For Emergency Clean-up	272.05	
02 90 55 00-0240	WK	Injectidry System For Emergency Clean-up	748.15	
02 90 55 00-0241	MO	Injectidry System For Emergency Clean-up	2,040.40	
02 90 55 00-0242	DAY	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	175.52	
02 90 55 00-0243	WK	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	482.67	
02 90 55 00-0244	MO	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,316.38	
02 90 55 00-0245	DAY	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	247.69	
02 90 55 00-0246	WK	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	681.14	
02 90 55 00-0247	MO	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,857.66	
02 90 55 00-0248	DAY	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	242.38	
02 90 55 00-0249	WK	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	666.55	
02 90 55 00-0250	MO	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,817.86	
02 90 55 00-0251	DAY	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	259.10	
02 90 55 00-0252	WK	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	712.52	
02 90 55 00-0253	MO	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	1,943.24	
02 90 55 00-0254	DAY	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	259.10	
02 90 55 00-0255	WK	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	712.52	
02 90 55 00-0256	MO	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	1,943.24	
02 90 55 00-0257	DAY	D-500 Desiccant Dehumidifier For Emergency Clean-up	292.53	
02 90 55 00-0258	WK	D-500 Desiccant Dehumidifier For Emergency Clean-up	804.46	
02 90 55 00-0259	MO	D-500 Desiccant Dehumidifier For Emergency Clean-up	2,193.98	
02 90 55 00-0260	DAY	D-750 Desiccant Dehumidifier For Emergency Clean-up	614.31	
02 90 55 00-0261	WK	D-750 Desiccant Dehumidifier For Emergency Clean-up	1,689.36	
02 90 55 00-0262	MO	D-750 Desiccant Dehumidifier For Emergency Clean-up	4,607.35	
02 90 55 00-0263	DAY	D-1000 Desiccant Dehumidifier For Emergency Clean-up	1,053.11	
02 90 55 00-0264	WK	D-1000 Desiccant Dehumidifier For Emergency Clean-up	2,896.05	
02 90 55 00-0265	MO	D-1000 Desiccant Dehumidifier For Emergency Clean-up	7,898.31	
02 90 55 00-0266	DAY	D-1500 Desiccant Dehumidifier For Emergency Clean-up	1,621.45	
02 90 55 00-0267	WK	D-1500 Desiccant Dehumidifier For Emergency Clean-up	4,458.99	
02 90 55 00-0268	MO	D-1500 Desiccant Dehumidifier For Emergency Clean-up	12,160.89	
02 90 55 00-0269	DAY	D-2000 Desiccant Dehumidifier For Emergency Clean-up	1,621.45	
02 90 55 00-0270	WK	D-2000 Desiccant Dehumidifier For Emergency Clean-up	4,458.99	
02 90 55 00-0271	MO	D-2000 Desiccant Dehumidifier For Emergency Clean-up	12,160.89	
02 90 55 00-0272	DAY	D-2250 Desiccant Dehumidifier For Emergency Clean-up	1,693.33	
02 90 55 00-0273	WK	D-2250 Desiccant Dehumidifier For Emergency Clean-up	4,656.66	
02 90 55 00-0274	MO	D-2250 Desiccant Dehumidifier For Emergency Clean-up	12,699.98	
02 90 55 00-0275	DAY	D-3000 Desiccant Dehumidifier For Emergency Clean-up	2,106.22	
02 90 55 00-0276	WK	D-3000 Desiccant Dehumidifier For Emergency Clean-up	5,792.09	
02 90 55 00-0277	MO	D-3000 Desiccant Dehumidifier For Emergency Clean-up	15,796.62	
02 90 55 00-0278	DAY	D-4500 Desiccant Dehumidifier For Emergency Clean-up	2,369.49	
02 90 55 00-0279	WK	D-4500 Desiccant Dehumidifier For Emergency Clean-up	6,516.11	
02 90 55 00-0280	MO	D-4500 Desiccant Dehumidifier For Emergency Clean-up	17,771.20	
02 90 55 00-0281	DAY	D-5000 Desiccant Dehumidifier For Emergency Clean-up	2,545.01	
02 90 55 00-0282	WK	D-5000 Desiccant Dehumidifier For Emergency Clean-up	6,998.78	
02 90 55 00-0283	MO	D-5000 Desiccant Dehumidifier For Emergency Clean-up	19,087.58	
02 90 55 00-0284	DAY	D-9000 Desiccant Dehumidifier For Emergency Clean-up	3,343.20	
02 90 55 00-0285	WK	D-9000 Desiccant Dehumidifier For Emergency Clean-up	9,193.80	
02 90 55 00-0286	MO	D-9000 Desiccant Dehumidifier For Emergency Clean-up	25,074.00	
02 90 55 00-0287	DAY	D-10500 Desiccant Dehumidifier For Emergency Clean-up	3,510.36	
02 90 55 00-0288	WK	D-10500 Desiccant Dehumidifier For Emergency Clean-up	9,653.49	
02 90 55 00-0289	MO	D-10500 Desiccant Dehumidifier For Emergency Clean-up	26,327.70	
02 90 55 00-0290	DAY	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	613.64	
02 90 55 00-0291	WK	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,687.50	
02 90 55 00-0292	MO	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	4,602.27	
02 90 55 00-0293	DAY	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	849.65	
02 90 55 00-0294	WK	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,336.54	
02 90 55 00-0295	MO	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	6,372.37	
02 90 55 00-0296	DAY	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,053.11	
02 90 55 00-0297	WK	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,896.05	
02 90 55 00-0298	MO	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	7,898.31	
02 90 55 00-0299	DAY	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,404.14	
02 90 55 00-0300	WK	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	3,861.40	
02 90 55 00-0301	MO	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	10,531.08	
02 90 55 00-0302	DAY	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,369.49	
02 90 55 00-0303	WK	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	6,516.11	
02 90 55 00-0304	MO	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	17,771.20	
02 90 55 00-0305	DAY	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,632.77	
02 90 55 00-0306	WK	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	7,240.12	
02 90 55 00-0307	MO	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	19,745.78	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0308	DAY	25' Flex Duct For Emergency Clean-up	35.10	
02 90 55 00-0309	WK	25' Flex Duct For Emergency Clean-up	96.53	
02 90 55 00-0310	MO	25' Flex Duct For Emergency Clean-up	263.28	
02 90 55 00-0311	DAY	Hygrothermograph For Emergency Clean-up	49.54	
02 90 55 00-0312	WK	Hygrothermograph For Emergency Clean-up	136.23	
02 90 55 00-0313	MO	Hygrothermograph For Emergency Clean-up	371.53	
02 90 55 00-0314	DAY	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	8,884.31	
02 90 55 00-0315	WK	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	24,431.86	
02 90 55 00-0316	MO	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	66,632.34	
02 90 55 00-0317		**Power Equipment** *(02 90 55 00-0022)*		
02 90 55 00-0318	WK	Up to 65 KVA Generator For Emergency Clean-up	1,168.83	
02 90 55 00-0319	WK	>65 to 125 KVA Generator For Emergency Clean-up	1,978.02	
02 90 55 00-0320	WK	>125 to 250 KVA Generator For Emergency Clean-up	1,929.16	
02 90 55 00-0321	WK	>250 to 375 KVA Generator For Emergency Clean-up	3,326.67	
02 90 55 00-0322	WK	>375 Up to 440 KVA Generator For Emergency Clean-up	4,495.50	
02 90 55 00-0323	WK	>440 to 625 KVA Generator For Emergency Clean-up	6,769.00	
02 90 55 00-0324	WK	>625 to 800 KVA Generator For Emergency Clean-up	6,923.07	
02 90 55 00-0325	WK	>800 to 1,000 KVA Generator For Emergency Clean-up	9,260.73	
02 90 55 00-0326	WK	>1,000 to 1,500 KVA Generator For Emergency Clean-up	13,936.05	
02 90 55 00-0327	EA	Generator Cable/Pigtails (Per Section) For Emergency Clean-up	30.21	
02 90 55 00-0328	EA	Sub-Distribution Panel (Spider Box) For Emergency Clean-up	144.76	
02 90 55 00-0329	EA	Electrical Distribution Panel For Emergency Clean-up	337.16	
02 90 55 00-0330	EA	Quad Box Strings (25' Sections) For Emergency Clean-up	54.40	
02 90 55 00-0331	EA	50' Power Cord For Spider Box For Emergency Clean-up	50.35	
02 90 55 00-0332	EA	Pig Tails (Per Each) For Emergency Clean-up	4.95	
02 90 55 00-0333		**Freight Charges** *(02 90 55 00-0022)*		
02 90 55 00-0334	MI	Freight Up To 1 Ton Pick Up Truck For Emergency Clean-up Equipment	2.48	
02 90 55 00-0335	MI	Freight >1 Ton Pick Up Truck For Emergency Clean-up Equipment	4.46	
02 90 55 00-0336	MI	Freight 16' Or 24' Box Truck For Emergency Clean-up Equipment	4.46	
02 90 55 00-0337	MI	Freight Tractor Trailer For Emergency Clean-up Equipment	6.44	
02 90 55 00-0338		**Emergency Clean-up Personal Protection Equipment** *(02 90 55 00-0001)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 55 00-0339	EA	Tyvek Coveralls For Emergency Clean-up Personal Protection Equipment	14.53	
02 90 55 00-0340	EA	Tyvek Coveralls With Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	17.12	
02 90 55 00-0341	EA	Tyvek Coveralls With Hood, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	17.94	
02 90 55 00-0342	EA	Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	22.62	
02 90 55 00-0343	EA	Disposable Dual Cartridge Half-Mask Respirator For Emergency Clean-up Personal Protection Equipment	120.24	
02 90 55 00-0344	EA	N95 Respirator For Emergency Clean-up Personal Protection Equipment	5.04	
02 90 55 00-0345	EA	N95 Respirator With Valve For Emergency Clean-up Personal Protection Equipment	7.17	
02 90 55 00-0346	PR	3M Respirator Cartridges For Emergency Clean-up Personal Protection Equipment	48.06	
02 90 55 00-0347	EA	Respirator Cleaning Wipes, Per Box 100 For Emergency Clean-up Personal Protection Equipment	38.46	
02 90 55 00-0348	PR	P100 Respirator Cartridges For Emergency Clean-up Personal Protection Equipment	48.06	
02 90 55 00-0349	EA	Respirator Cartridge For Emergency Clean-up Personal Protection Equipment	50.75	
02 90 55 00-0350	BOX	Dust Mask, Box of 50, For Emergency Clean-up Personal Protection Equipment	56.58	
02 90 55 00-0351	PR	Cotton Canvas Gloves For Emergency Clean-up Personal Protection Equipment	4.05	
02 90 55 00-0352	BOX	5 Mil, Disposable Latex Gloves, Box of 100, For Emergency Clean-up Personal Protection Equipment	26.33	
02 90 55 00-0353	PR	4 Mil, Disposable Nitrile Gloves For Emergency Clean-up Personal Protection Equipment	0.54	
02 90 55 00-0354	PR	5 Mil, Disposable Vinyl Gloves For Emergency Clean-up Personal Protection Equipment	0.45	
02 90 55 00-0355	PR	17 Mil, Latex Gloves For Emergency Clean-up Personal Protection Equipment	2.14	
02 90 55 00-0356	PR	15 Mil, Nitrile Gloves For Emergency Clean-up Personal Protection Equipment	5.09	
02 90 55 00-0357	PR	Vinyl Coated Gloves With Knit Lining For Emergency Clean-up Personal Protection Equipment	6.97	
02 90 55 00-0358	PR	30 Mil, Polyvinyl Chloride (PVC) And Polyvinyl Chloride (PVC) Blend Gloves For Emergency Clean-up Personal Protection Equipment	7.82	
02 90 55 00-0359	PR	Leather Gloves For Emergency Clean-up Personal Protection Equipment	13.17	
02 90 55 00-0360	EA	Heavy Duty, Rubber Gloves For Emergency Clean-up Personal Protection Equipment	22.48	
02 90 55 00-0361	PR	Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	14.66	
02 90 55 00-0362	PR	Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	24.18	
02 90 55 00-0363	PR	Plastic Safety Glasses For Emergency Clean-up Personal Protection Equipment	6.42	
02 90 55 00-0364	EA	Safety Harness (Per Person/Day) For Emergency Clean-up Personal Protection Equipment	8.78	
02 90 55 00-0365		**Emergency Clean-up Expendables** *(02 90 55 00-0001)* Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 55 00-0366		**General Materials** *(02 90 55 00-0365)*		
02 90 55 00-0367	GAL	Adhesive Remover For Emergency Clean-up	105.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0368	GAL	Bioside-HS Cleaning Solution For Emergency Clean-up	33.78	
02 90 55 00-0369	GAL	Biocide Mold Cleaning Solution For Emergency Clean-up	43.10	
02 90 55 00-0370	EA	10" x 12" x 15" Cardboard Storage Box For Emergency Clean-up	5.55	
02 90 55 00-0371	EA	10" x 12" x 24" Cardboard Storage Box For Emergency Clean-up	8.42	
02 90 55 00-0372	EA	10" x 15" x 24" Cardboard Storage Box For Emergency Clean-up	8.42	
02 90 55 00-0373	GAL	Bleach For Emergency Clean-up	11.33	
02 90 55 00-0374	EA	Small Stainless Brush For Emergency Clean-up	7.19	
02 90 55 00-0375	EA	2-1/2 Gallon Buckets For Emergency Clean-up	8.37	
02 90 55 00-0376	EA	5 Gallon Bucket For Emergency Clean-up	12.68	
02 90 55 00-0377	GAL	Carpet Defoamer For Emergency Clean-up	32.62	
02 90 55 00-0378	GAL	Carpet Pre-treat For Emergency Clean-up	26.61	
02 90 55 00-0379	GAL	Carpet Spotter For Emergency Clean-up	44.60	
02 90 55 00-0380	GAL	Carpet/Upholstery Cleaner For Emergency Clean-up	35.96	
02 90 55 00-0381	ROL	Carpet Masking/Shield For Emergency Clean-up	103.51	
02 90 55 00-0382	EA	Chemical Sponge For Emergency Clean-up	4.15	
02 90 55 00-0383	GAL	Clear Seal For Emergency Clean-up	141.59	
02 90 55 00-0384	GAL	Coil Cleaner For Emergency Clean-up	71.26	
02 90 55 00-0385	EA	Decontamination Chamber For Emergency Clean-up	309.65	
02 90 55 00-0386	GAL	All Purpose Degreaser For Emergency Clean-up	46.34	
02 90 55 00-0387	GAL	Heavy Duty Degreaser For Emergency Clean-up	53.10	
02 90 55 00-0388	GAL	De-Foamer Liquid For Emergency Clean-up	60.90	
02 90 55 00-0389	EA	Deodorization Membrane For Emergency Clean-up	113.60	
02 90 55 00-0390	GAL	9-D-9 Smoke Deodorizer For Emergency Clean-up	182.04	
02 90 55 00-0391	LB	Deodorizing Gel For Emergency Clean-up	42.77	
02 90 55 00-0392	GAL	Deodorizing Liquid For Emergency Clean-up	60.24	
02 90 55 00-0393	PAIL	Deodorizing Block For Emergency Clean-up	10.75	
02 90 55 00-0394	GAL	Disinfectant/Antimicrobial For Emergency Clean-up	110.97	
02 90 55 00-0395	GAL	BruClean Disinfectant For Emergency Clean-up	36.25	
02 90 55 00-0396	GAL	Dryclean For Emergency Clean-up	47.33	
02 90 55 00-0397	GAL	Duct Sealant Spray For Emergency Clean-up	71.33	
02 90 55 00-0398	GAL	Antifungal Duct Sealant For Emergency Clean-up	103.04	
02 90 55 00-0399	GAL	Microbial Encapsulant (Fosters 20 - 40) For Emergency Clean-up	164.16	
02 90 55 00-0400	PR	Ear Plugs For Emergency Clean-up Personal Protection Equipment	0.64	
02 90 55 00-0401	GAL	Encapsulant For Emergency Clean-up	117.96	
02 90 55 00-0402	GAL	Aftershock Fiberlocke For Emergency Clean-up	103.58	
02 90 55 00-0403	GAL	IAQ 2500 Fiberlocke For Emergency Clean-up	122.35	
02 90 55 00-0404	GAL	IAS 6000 Fiberlocke For Emergency Clean-up	125.83	
02 90 55 00-0405	ROL	Filter Material For Emergency Clean-up	277.71	
02 90 55 00-0406	EA	Blue Paper Collection Bag Filter For Emergency Clean-up	7.48	
02 90 55 00-0407	EA	CVAC Filter For High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	593.98	
02 90 55 00-0408	EA	Pre-Filter For Negative Air Machine For Emergency Clean-up	2.85	
02 90 55 00-0409	EA	Pleated Filter For Negative Air Machine For Emergency Clean-up	12.69	
02 90 55 00-0410	EA	Charcoal Filter For Negative Air Machine For Emergency Clean-up	45.17	
02 90 55 00-0411	EA	High Efficiency Particulate Air (HEPA) Filter For Negative Air Machine For Emergency Clean-up	429.61	
02 90 55 00-0412	EA	Pleated Dehumidifier Filter For Emergency Clean-up	11.34	
02 90 55 00-0413	GAL	Floor Stripper For Emergency Clean-up	22.19	
02 90 55 00-0414	GAL	Floor Wax For Emergency Clean-up	31.70	
02 90 55 00-0415	GAL	Fogger (Thermal) For Emergency Clean-up	193.08	
02 90 55 00-0416	BOX	Furniture Blocks For Emergency Clean-up	155.51	
02 90 55 00-0417	EA	Furniture Polish, Per 10 Oz Can For Emergency Clean-up	20.96	
02 90 55 00-0418	GAL	Glass Cleaner For Emergency Clean-up	13.97	
02 90 55 00-0419	EA	Goof Off Spray, 12 Oz For Emergency Clean-up	17.98	
02 90 55 00-0420	EA	Halogen Light Bulbs For Emergency Clean-up	22.64	
02 90 55 00-0421	QT	Hand Sanitizer For Emergency Clean-up	11.19	
02 90 55 00-0422	EA	Hard Hats For Emergency Clean-up Personal Protection Equipment	9.21	
02 90 55 00-0423	BOX	Hog Rings, Box Of 2,500 For Emergency Clean-up	21.91	
02 90 55 00-0424	GAL	HVAC Coal Cleaner For Emergency Clean-up	68.69	
02 90 55 00-0425	BOX	Inventory Tag, Box Of 1,000 For Emergency Clean-up	154.11	
02 90 55 00-0426	EA	Utility Knives For Emergency Clean-up	17.44	
02 90 55 00-0427	ROL	13" Lay Flat Tubing (250' Roll) For Emergency Clean-up	132.20	
02 90 55 00-0428	ROL	20" Lay Flat Tubing (250' Roll) For Emergency Clean-up	139.57	
02 90 55 00-0429	ROL	29" Lay Flat Tubing (250' Roll) For Emergency Clean-up	277.89	
02 90 55 00-0430	ROL	39" Lay Flat Tubing (250' Roll) For Emergency Clean-up	401.66	
02 90 55 00-0431	GAL	Lemon Oil For Emergency Clean-up	56.17	
02 90 55 00-0432	GAL	LPS 1/Mecca Lube For Emergency Clean-up	57.61	
02 90 55 00-0433	GAL	LPS 2 For Emergency Clean-up	60.97	
02 90 55 00-0434	GAL	LPS Contact Cleaner For Emergency Clean-up	60.68	
02 90 55 00-0435	GAL	Light Lubricant Preserve For Emergency Clean-up	160.87	
02 90 55 00-0436	GAL	Heavy Lubricant Preserver For Emergency Clean-up	31.70	
02 90 55 00-0437	GAL	Machinery Cleaning Solvent For Emergency Clean-up	268.90	
02 90 55 00-0438	GAL	Metal Polishing Paste For Emergency Clean-up	29.78	
02 90 55 00-0439	GAL	MediClean® Disinfectant For Emergency Clean-up	64.07	
02 90 55 00-0440	GAL	Dri-Eaz Milgo Plus Sanitizer For Emergency Clean-up	78.64	
02 90 55 00-0441	EA	Mop Heads For Emergency Clean-up	9.98	
02 90 55 00-0442	EA	Nylon Scouring Pads For Emergency Clean-up	1.74	
02 90 55 00-0443	GAL	Odor Neutralizer For Emergency Clean-up	44.60	
02 90 55 00-0444	EA	Packing Paper, 25 LB Bundle For Emergency Clean-up	80.14	
02 90 55 00-0445	EA	Paint Brushes For Emergency Clean-up	7.93	
02 90 55 00-0446	ROL	Corrugated/Craft Paper, 48" x 250' For Emergency Clean-up	186.90	
02 90 55 00-0447	EA	Putty Knives For Emergency Clean-up	7.18	
02 90 55 00-0448	ROL	Red Resin Paper, 200' Roll For Emergency Clean-up	40.78	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0449	GAL	Reodorant For Emergency Clean-up	134.74	
02 90 55 00-0450	GAL	Restoracide For Emergency Clean-up	63.20	
02 90 55 00-0451	GAL	Rust Remover For Emergency Clean-up	98.29	
02 90 55 00-0452	EA	Saltesmo Test Samples For Emergency Clean-up	9.13	
02 90 55 00-0453	EA	Sand Bag For Emergency Clean-up Note: Excludes sand material	2.39	
02 90 55 00-0454	EA	Scotch-Brite 7447, Per Box 50 For Emergency Clean-up	32.09	
02 90 55 00-0455	EA	Small Scrub Brushes For Emergency Clean-up	16.54	
02 90 55 00-0456	GAL	Clear Soot Sealant For Emergency Clean-up	113.99	
02 90 55 00-0457	GAL	Pigmented Soot Sealant For Emergency Clean-up	307.41	
02 90 55 00-0458	ROL	Shrinkwrap Plastic For Emergency Clean-up	70.77	
02 90 55 00-0459	EA	Dry Sponges For Emergency Clean-up	5.75	
02 90 55 00-0460	EA	Spray Adhesive, Per Can For Emergency Clean-up	7.38	
02 90 55 00-0461	EA	Spray Bot./Trigger For Emergency Clean-up	6.12	
02 90 55 00-0462	GAL	Stain Remover For Emergency Clean-up	40.28	
02 90 55 00-0463	GAL	Stainless Steel Cleaner For Emergency Clean-up	13.91	
02 90 55 00-0464	EA	Stainless Steel Polish, Per Can For Emergency Clean-up	18.25	
02 90 55 00-0465	LB	Sweeping Compound For Emergency Clean-up	0.66	
02 90 55 00-0466	ROL	Duct Tape, 2" x 50 YD For Emergency Clean-up	14.44	
02 90 55 00-0467	ROL	Environmental (Teal) Tape, 3/4" x 1,440' For Emergency Clean-up	13.59	
02 90 55 00-0468	ROL	HVAC (Aluminum) Tape, 2" x 75' For Emergency Clean-up	34.87	
02 90 55 00-0469	ROL	Blue Masking (Painters) Tape, 1-1/2" x 198' For Emergency Clean-up	19.34	
02 90 55 00-0470	ROL	Poly Box Tape, 2" x 110 YD For Emergency Clean-up	5.96	
02 90 55 00-0471	LB	Terry Towels For Emergency Clean-up	8.16	
02 90 55 00-0472	GAL	Thermal Fog For Emergency Clean-up	90.63	
02 90 55 00-0473	ROL	1.7 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	44.93	
02 90 55 00-0474	ROL	3 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	105.02	
02 90 55 00-0475	ROL	4 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	134.74	
02 90 55 00-0476	ROL	6 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	179.20	
02 90 55 00-0477	EA	Trisodium Phosphate, 20 LB Pail For Emergency Clean-up	57.84	
02 90 55 00-0478	EA	Backpack Vacuum Bags For Emergency Clean-up	1.95	
02 90 55 00-0479	EA	Upright Vacuum Bags For Emergency Clean-up	2.60	
02 90 55 00-0480	GAL	Vinyl And Leather Cleaner For Emergency Clean-up	35.96	
02 90 55 00-0481	ROL	1 Mil Visqueen, 12' x 400', For Emergency Clean-up	58.21	
02 90 55 00-0482	ROL	4 Mil Visqueen, 32' x 100', For Emergency Clean-up	158.07	
02 90 55 00-0483	ROL	6 Mil Visqueen, 32' x 400', For Emergency Clean-up	215.68	
02 90 55 00-0484	LB	Wipes, Cotton Cloth For Emergency Clean-up	6.11	
02 90 55 00-0485	ROL	12" x 750', Wrap, Bubble/Anti-Static For Emergency Clean-up	177.52	
02 90 55 00-0486	EA	Wyp-Alls, Case Of 160 Wipes For Emergency Clean-up	17.98	
02 90 55 00-0487	EA	Zip Wall Zippers For Emergency Clean-up	26.95	
02 90 55 00-0488	EA	Absorbent Matt Roll For Oil And Other Liquids - 15" Wide x 50' Roll Note: 3.3 gallon volume absorption capacity per roll	32.80	
02 90 55 00-0489	EA	Oil Only Sorbent Pads - 15" x 19", Light, Package Of 100 Note: 26 OZ volume absorption capacity per pad	49.21	
02 90 55 00-0490	EA	Oil Only Sorbent Pads - 15" x 19", Medium, Package Of 100 Note: 33 OZ volume absorption capacity per pad	51.85	
02 90 55 00-0491	EA	Oil Only Sorbent Pads - 15" x 19", Heavy, Package Of 100 Note: 45 OZ volume absorption capacity per pad	84.66	

02 90 55 00-0492 Technical/Electronics Restoration Materials *(02 90 55 00-0365)*

02 90 55 00-0493	EA	Brush - Brass For Emergency Clean-up	5.94	
02 90 55 00-0494	EA	1" Brush, Natural Bristle For Emergency Clean-up	1.90	
02 90 55 00-0495	EA	1/2" Brush, Natural Bristle For Emergency Clean-up	1.59	
02 90 55 00-0496	EA	1/4" Brush, Natural Bristle For Emergency Clean-up	1.35	
02 90 55 00-0497	EA	Brush - Parts For Emergency Clean-up	8.24	
02 90 55 00-0498	EA	Brush - Plastic For Emergency Clean-up	4.28	
02 90 55 00-0499	EA	Brush - Wire Grout For Emergency Clean-up	9.44	
02 90 55 00-0500	EA	Brushing Tool For Emergency Clean-up	18.21	
02 90 55 00-0501	EA	Cleaning Swabs, Cotton For Emergency Clean-up	0.40	
02 90 55 00-0502	EA	Cleaning Swabs, Foam Tip For Emergency Clean-up	0.48	
02 90 55 00-0503	EA	Contact Restorer, Per Can For Emergency Clean-up	36.04	
02 90 55 00-0504	EA	Contact Spray, Per Can For Emergency Clean-up	24.52	
02 90 55 00-0505	UNT	Corrosion Inhibitor Emitter - 1 CF For Emergency Clean-up	3.80	
02 90 55 00-0506	UNT	Corrosion Inhibitor Emitter - 5 CF For Emergency Clean-up	10.90	
02 90 55 00-0507	UNT	Corrosion Inhibitor Emitter - 10 CF For Emergency Clean-up	14.12	
02 90 55 00-0508	LB	Cotton Cleaning Cloths For Emergency Clean-up	22.29	
02 90 55 00-0509	EA	12" x 17" Dust Cloths For Emergency Clean-up	0.35	
02 90 55 00-0510	EA	24" x 24" Dust Cloths For Emergency Clean-up	0.98	
02 90 55 00-0511	EA	Deoxidizing Agent, Per Can For Emergency Clean-up	17.46	
02 90 55 00-0512	GAL	Electronic Grade Detergent For Emergency Clean-up	40.46	
02 90 55 00-0513	SHT	Inventory Labels For Emergency Clean-up	0.22	
02 90 55 00-0514	GAL	Isopropyl Alcohol For Emergency Clean-up	107.22	
02 90 55 00-0515	GAL	Lubrication/Penetrating Oil, Per Can For Emergency Clean-up	162.21	
02 90 55 00-0516	GAL	PC Board Detergent For Emergency Clean-up	101.80	
02 90 55 00-0517	GAL	Rust Inhibitor, Regular Duty For Emergency Clean-up	173.76	
02 90 55 00-0518	GAL	Rust Inhibitor, Moderate Duty For Emergency Clean-up	175.07	
02 90 55 00-0519	GAL	Rust Inhibitor, Severe Duty For Emergency Clean-up	187.13	
02 90 55 00-0520	LB	Wipes, Lint Free Cloths For Emergency Clean-up	7.07	
02 90 55 00-0521	EA	Wire Marker Card For Emergency Clean-up	2.77	
02 90 55 00-0522	EA	Steel Wool, 16 Pad Sleeve For Emergency Clean-up	1.52	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

END OF SECTION 02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 Concrete

03 01 Maintenance of Concrete *(03)*

03 01 20 Maintenance of Concrete Reinforcing *(03 01)*

03 01 20 00-0001 Rebar Coating *(03 01 20)*

03 01 20 00-0002	SF	20 Mil Thick, Cementitious Epoxy Resin Compensated 3-Component, Solvent-Free, Coating Material With Corrosion Inhibitor, And Reinforcement Corrosion Protection - Per Coat (Sika® Armatec®-110 EpoCem)	2.39	

03 01 30 Maintenance of Cast-In-Place Concrete *(03 01)*

03 01 30 51 Cleaning of Cast-In-Place Concrete *(03 01 30)*

03 01 30 51-0001 Abrasive Blasting *(03 01 30 51)*

Note: Includes containment and clean-up of all material. Includes steel ball media.

03 01 30 51-0002	SF	Concrete Floors, Abrasive Shot (Bead) Blasting	3.71	
		For Up To 100, Add	*3.04*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.38*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000, Deduct	*-0.15*	
03 01 30 51-0003	SF	Concrete Walls, Abrasive Shot (Bead) Blasting	5.24	
		For Up To 100, Add	*6.10*	
		For >100 To 250, Add	*1.53*	
		For >250 To 500, Add	*0.76*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000, Deduct	*-0.31*	

03 01 30 71 Rehabilitation of Cast-In-Place Concrete *(03 01 30)*

03 01 30 71-0001 Concrete Resurfacing/Repair *(03 01 30 71)*

See CSI section 09 01 90 52-0002 for surface preparation as required.

03 01 30 71-0002 Concrete Repair *(03 01 30 71-0001)*

03 01 30 71-0003 Decks Or Floors *(03 01 30 71-0002)*

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0004	SF	Patch Decks Or Floors With 1/8" To 1/4" Thick Cementitious Mortar	6.29
03 01 30 71-0005	SF	Patch Decks Or Floors With 1/8" To 1/4" Thick Epoxy Cementitious Mortar	20.05
03 01 30 71-0006	SF	Patch Decks Or Floors With White Aluminum Oxide Grit (Non Slip Aggregate)	0.56

03 01 30 71-0007 Verticals Or Overheads *(03 01 30 71-0002)*

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0008	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Cementitious Mortar	9.41
03 01 30 71-0009	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Epoxy Cementitious Mortar	27.32
03 01 30 71-0010	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Latex Cementitious Mortar	30.80
03 01 30 71-0011	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Elastomeric Compound	8.55
03 01 30 71-0012	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Copolymer Cementitious Compound Note: Rapid Set - WunderFixx	15.17

03 01 30 71-0013 Circular Piers *(03 01 30 71-0002)*

03 01 30 71-0014	SF	Patch Circular Piers With 1/8" To 1/4" Elastomeric Patching Compound	11.84
03 01 30 71-0015	SF	Patch Circular Piers With 1/8" To 1/4" Copolymer Cementitious Compound Note: Rapid Set - WunderFixx	20.43

03 01 30 71-0016 Soffit Repair *(03 01 30 71-0002)*

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0017	LF	Up To 16" Wide Concrete Soffit Repair	19.40
03 01 30 71-0018	LF	>16" To 20" Wide Concrete Soffit Repair	20.30
03 01 30 71-0019	LF	>20" To 24" Wide Concrete Soffit Repair	22.20
03 01 30 71-0020	LF	>24" To 30" Wide Concrete Soffit Repair	24.20
03 01 30 71-0021	LF	>30" To 36" Wide Concrete Soffit Repair	25.74

03 01 30 71-0022 Edge Repair *(03 01 30 71-0002)*

Note: Includes mesh. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0023	LF	2" Spall Concrete Edge Repair	20.00
03 01 30 71-0024	LF	3" Spall Concrete Edge Repair	20.96
03 01 30 71-0025	LF	4" Spall Concrete Edge Repair	21.59
03 01 30 71-0026	LF	6" Spall Concrete Edge Repair	22.29
03 01 30 71-0027	LF	8" Spall Concrete Edge Repair	23.54
03 01 30 71-0028	LF	9" Spall Concrete Edge Repair	26.43
03 01 30 71-0029	CF	Patch Edge, Portland Cement Based Repair Material	166.53
03 01 30 71-0030	CF	Patch Edge, Rapid Setting Concrete Repair Material	228.77
03 01 30 71-0031	CF	Patch Edge, Rapid Setting Polymer Concrete Methyl Methacrylate	234.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0032	CF	Patch Edge, SSI Flex Patch (Other Than Specified)	467.37	
03 01 30 71-0033		**Concrete Materials** *(03 01 30 71-0002)*		
		Note: Excludes saw cutting, sand blasting and forming.		
03 01 30 71-0034	SF	Sika Ferroguard® 903	1.57	
03 01 30 71-0035	SF	Sika-Guard 701W	1.79	
03 01 30 71-0036	SF	Sika 550W Pearl Ash	1.02	
03 01 30 71-0037	SF	Sika Top 144 Gray	2.59	
03 01 30 71-0038		**Bridge Deck Treatment** *(03 01 30 71-0002)*		
03 01 30 71-0039	SF	Sweep Bridge Deck	0.02	
03 01 30 71-0040	SF	Clean Bridge Deck	0.02	
03 01 30 71-0041	SF	Treat Bridge Deck With Methacrylate Resin Sealant	2.14	
03 01 30 71-0042		**Concrete Finishes** *(03 01 30 71-0001)*		
03 01 30 71-0043		**Concrete Patching** *(03 01 30 71-0042)*		
03 01 30 71-0044		**Walls** *(03 01 30 71-0043)*		
03 01 30 71-0045	BAG	Sika Top 111 Plus	166.08	
		Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar. Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 lbs. of 3/8" pea gravel).		
		For Up To 10, Add	*61.11*	
		For >10 To 25, Add	*36.66*	
		For >25 To 50, Add	*24.44*	
		For >50 To 75, Add	*12.22*	
03 01 30 71-0046	BAG	Sika Grout 212, 50 LB Bag	113.94	
		Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.		
		For Up To 10, Add	*38.69*	
		For >10 To 25, Add	*23.21*	
		For >25 To 50, Add	*15.48*	
		For >50 To 75, Add	*7.74*	
03 01 30 71-0047	EA	Sika Flex 1A, 10.3 Ounce Tube	38.30	
		Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.		
03 01 30 71-0048	BAG	Pea Gravel	29.16	
03 01 30 71-0049	BAG	Sika Top 123, 44 LB Bag	169.19	
03 01 30 71-0050	BAG	Sika Top 121 Plus Kit	162.03	
		Note: SikaTop 121 PLUS is a two component, polymer-modified, leveling and pore sealing mortar. Yield: 0.4 cu. ft./unit.		
03 01 30 71-0051	BAG	Sika Top 122 Plus Kit	179.68	
		Note: SikaTop 122 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, trowel-grade mortar. Yield: 0.51 cu. ft./ unit mortar; 0.75 cu. ft./unit concrete; (SikaTop 122 + 42 lbs. 3/8" pea gravel).		
03 01 30 71-0052	BAG	Sika Top 123 Plus Kit	176.50	
		Note: SikaTop 123 PLUS is a two-component, polymer-modified, portland cement, fast-setting, non-sag mortar. Yield: 0.39 cu. ft./unit.		
03 01 30 71-0053		**Crack Repair For Concrete** *(03 01 30 71-0001)*		
03 01 30 71-0054		**Non Structural Crack Repair For Concrete** *(03 01 30 71-0053)*		
03 01 30 71-0055		**Surface Applied, Non Structural Crack Repair For Concrete** *(03 01 30 71-0054)*		
		Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.		
03 01 30 71-0056	LF	Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)	6.46	
		For V-Grooving Crack With Grinder, Add	*5.16*	
03 01 30 71-0057	LF	>1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)	8.45	
		For V-Grooving Crack With Grinder, Add	*5.04*	
03 01 30 71-0058	LF	Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	6.59	
		For V-Grooving Crack With Grinder, Add	*5.16*	
03 01 30 71-0059	LF	>1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	8.72	
		For V-Grooving Crack With Grinder, Add	*5.04*	
03 01 30 71-0060	LF	Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	7.07	
		For V-Grooving Crack With Grinder, Add	*5.16*	
03 01 30 71-0061	LF	>1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	9.69	
		For V-Grooving Crack With Grinder, Add	*5.04*	
03 01 30 71-0062	LF	Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	7.43	
		For V-Grooving Crack With Grinder, Add	*5.16*	
03 01 30 71-0063	LF	>1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	10.39	
		For V-Grooving Crack With Grinder, Add	*5.04*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0064	LF	Up To 1/4" Wide x 1/2" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21)	5.59	
		For V-Grooving Crack With Grinder, Add	*4.42*	
03 01 30 71-0065	LF	Up To 1/4" Wide x 1" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21)	6.71	
		For V-Grooving Crack With Grinder, Add	*5.16*	
03 01 30 71-0066	LF	>1/4" To 1/2" Wide x 1/2" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21)	6.71	
		For V-Grooving Crack With Grinder, Add	*5.16*	
03 01 30 71-0067	LF	>1/4" To 1/2" Wide x 1" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21)	8.96	
		For V-Grooving Crack With Grinder, Add	*6.64*	
03 01 30 71-0068		**Pressure Injected, Non Structural Crack Repair For Concrete** *(03 01 30 71-0054)*		
		Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.		
03 01 30 71-0069	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570)	29.08	
		For Cracks Accessible From Both Sides, Add	*5.92*	
03 01 30 71-0070		**Structural Crack Repair For Concrete** *(03 01 30 71-0053)*		
03 01 30 71-0071		**Surface Applied, Structural Crack Repair For Concrete** *(03 01 30 71-0070)*		
		Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.		
03 01 30 71-0072	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	7.52	
		For V-Grooving Crack With Grinder, Add	*5.16*	
03 01 30 71-0073	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	10.57	
		For V-Grooving Crack With Grinder, Add	*5.04*	
03 01 30 71-0074	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52)	7.33	
		For V-Grooving Crack With Grinder, Add	*5.16*	
03 01 30 71-0075	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52)	10.19	
		For V-Grooving Crack With Grinder, Add	*5.04*	
03 01 30 71-0076	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	8.90	
		For V-Grooving Crack With Grinder, Add	*5.16*	
03 01 30 71-0077	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	13.36	
		For V-Grooving Crack With Grinder, Add	*5.04*	
03 01 30 71-0078		**Pressure Injected, Structural Crack Repair For Concrete** *(03 01 30 71-0070)*		
		Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.		
03 01 30 71-0079	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35)	25.29	
		For Cracks Accessible From Both Sides, Add	*5.92*	
03 01 30 71-0080	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52)	25.10	
		For Cracks Accessible From Both Sides, Add	*5.92*	
03 01 30 71-0081		**Surface Applied Polyurethane Elastomeric Sealant (Sikaflex®-2c NS EZ Mix)** *(03 01 30 71-0053)*		
		Note: Includes removing all debris and contaminants accessible within the crack using hand tools, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, etc.		
03 01 30 71-0082	LF	1/4" x 1/4" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	2.59	
03 01 30 71-0083	LF	3/8" x 1/4" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	2.75	
03 01 30 71-0084	LF	1/2" x 1/4" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	2.95	
03 01 30 71-0085	LF	3/8" x 3/8" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	3.01	
03 01 30 71-0086	LF	1/2" x 3/8" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	3.27	
03 01 30 71-0087	LF	3/4" x 3/8" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	4.47	
03 01 30 71-0088	LF	1/2" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	3.67	
03 01 30 71-0089	LF	3/4" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	4.19	
03 01 30 71-0090	LF	1" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	4.73	
03 01 30 71-0091	LF	1-1/4" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	5.26	
03 01 30 71-0092	LF	1-1/2" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix)	5.88	
03 01 30 71-0093		**Carbon Fiber Strengthening System** *(03 01 30 71-0001)*		
		Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.		
03 01 30 71-0094	SF	Carbon Fiber Strengthening System For Concrete Beams, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	74.53	
03 01 30 71-0095	SF	Carbon Fiber Strengthening System For Concrete Columns, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	66.42	
03 01 30 71-0096	SF	Carbon Fiber Strengthening System For Concrete Ceiling Slabs, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	61.86	
03 01 30 71-0097	SF	Carbon Fiber Strengthening System For Walls, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	59.33	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0098		High Modulus Carbon Fiber Fabric (V-Wrap™ C200HM) *(03 01 30 71-0001)* Note: V-Wrap C200HM is a unidirectional carbon fiber fabric with fiber oriented in the 0° direction. V-Wrap C200HM system is field laminated using two-part 100% solids and high strength structural adhesives.		
03 01 30 71-0099	SF	17.7 Oz/SY, Uni-Directional, High Modulus Carbon Fiber Fabric For Columns	65.86	
03 01 30 71-0100	SF	17.7 Oz/SY, Uni-Directional, High Modulus Carbon Fiber Fabric For Ceiling Slabs	61.98	
03 01 30 71-0101	SF	17.7 Oz/SY, Uni-Directional, High Modulus Carbon Fiber Fabric For Walls	59.82	
03 01 30 71-0102		Carbon Fiber Strengthening Fabric (SikaWrap) *(03 01 30 71-0001)*		
03 01 30 71-0103	SF	18 Oz/SY, Uni-Directional, ICC Listed, Carbon Fiber Fabric For Columns (SikaWrap® Hex-103 C)	56.49	
03 01 30 71-0104	SF	18 Oz/SY, Uni-Directional, ICC Listed, Carbon Fiber Fabric For Ceiling Slabs (SikaWrap® Hex-103 C)	52.61	
03 01 30 71-0105	SF	18 Oz/SY, Uni-Directional, ICC Listed, Carbon Fiber Fabric For Walls (SikaWrap® Hex-103 C)	50.45	
03 01 30 71-0106	SF	5 Mil Thick, Water Dispersed, Acrylic, Protective, Anti-Carbonation Coating (Sikagard®-670 W) Note: Adhesive for Carbon fiber warp application	1.36	
03 01 30 71-0107		Concrete Rehabilitation *(03 01 30 71)*		
03 01 30 71-0108		Corrosive Inhibitor *(03 01 30 71-0107)*		
03 01 30 71-0109	SF	Corrosive Inhibitor	5.76	
03 01 30 71-0110		Remove Cracked Or Damaged Concrete Surfacing Material *(03 01 30 71)*		
03 01 30 71-0111	SF	Removal Of Concrete <3/4" Deep On Vertical Wall Surfaces Note: Excludes patching materials	17.95	
03 01 30 71-0112	SF	Removal Of Concrete 3/4" To 1-1/2" Deep On Vertical Wall Surfaces Note: Excludes patching materials.	23.78	
03 01 30 71-0113	SF	Removal Of Concrete >1-1/2" To 3" Deep On Vertical Wall Surfaces Note: Excludes patching materials.	29.61	
03 01 30 71-0114	SF	Removal Of Concrete >3" To 4" Deep On Vertical Wall Surfaces Note: Excludes patching materials.	39.48	
03 01 30 71-0115	SF	Removal Of Concrete <3/4" Deep On Overhead Surfaces Note: Excludes patching materials	35.89	
03 01 30 71-0116	SF	Removal Of Concrete 3/4" To 1-1/2" Deep On Overhead Surfaces Note: Excludes patching materials.	47.55	
03 01 30 71-0117	SF	Removal Of Concrete >1-1/2" To 3" Deep On Overhead Surfaces Note: Excludes patching materials.	59.22	
03 01 30 71-0118	SF	Removal Of Concrete >3" To 4" Deep On Overhead Surfaces Note: Excludes patching materials.	78.97	
03 01 30 72		**Strengthening Of Cast-in-Place Concrete** *(03 01 30)*		
03 01 30 72-0001		Concrete Surface Repairs *(03 01 30 72)*		
03 01 30 72-0002	SF	Sound The Concrete Surface To Locate Delaminated Areas	0.36	

03 05 Common Work Results For Concrete *(03)*

03 05 13 Concrete Admixtures *(03 05)*

03 05 13 00-0001		Concrete Admixtures *(03 05 13)*		
03 05 13 00-0002	CY	Low Range Water Reducing (LRWR), Type A Concrete Admixture	7.20	
03 05 13 00-0003	CY	Set Retarding, Type B Concrete Admixture	4.98	
03 05 13 00-0004	CY	1% Calcium Chloride Accelerating, Type C Concrete Admixture	7.75	
03 05 13 00-0005	CY	2% Calcium Chloride Accelerating, Type C Concrete Admixture	15.51	
03 05 13 00-0006	CY	1% Non-Chloride Accelerating, Type C Concrete Admixture	13.85	
03 05 13 00-0007	CY	2% Non-Chloride Accelerating, Type C Concrete Admixture	27.69	
03 05 13 00-0008	CY	1% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	5.98	
03 05 13 00-0009	CY	2% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	11.66	
03 05 13 00-0010	CY	1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	8.31	
03 05 13 00-0011	CY	2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	16.61	
03 05 13 00-0012	CY	Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture	5.54	
03 05 13 00-0013	CY	High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture	13.29	
03 05 13 00-0014	CY	1 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	11.81	
03 05 13 00-0015	CY	1-1/2 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	17.72	
03 05 13 00-0016	CY	25 LB/CY Steel Fibers, Concrete Admixture	42.22	
03 05 13 00-0017	CY	10% Microsilica (Silica Fume), Concrete Admixture	88.61	
03 05 13 00-0018	CY	Corrosion Inhibiting Concrete Admixture	33.23	
03 05 13 00-0019	CY	Winter Service Or Heat, Concrete Add	17.72	
03 05 13 00-0020	CY	Chilled Water, Concrete Add	17.72	
03 05 13 00-0021	CY	Subtle Color (See Davis Colors Color Card), Concrete Admixture	42.70	
03 05 13 00-0022	CY	Standard Color (See Davis Colors Color Card), Concrete Admixture	71.17	
03 05 13 00-0023	CY	Premium Color (See Davis Colors Color Card), Concrete Admixture	136.64	
03 05 13 00-0024	CY	Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture	189.78	

03 10 Concrete Forming and Accessories *(03)*

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CSI		UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 11 Concrete Forming *(03 10)*

03 11 13 Structural Cast-In-Place Concrete Forming *(03 11)*

Note: Per square foot of formwork.

03 11 13 00-0001 Wood Formwork *(03 11 13)*

Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

03 11 13 00-0002 Foundation Wood Formwork *(03 11 13 00-0001)*

Note: For foundation work below or at grade.

03 11 13 00-0003	SF		Continuous Footings Foundation Wood Formwork		7.41	
			For <1,000, Add		*1.39*	
			For Foundations >8' Below Grade, Add		*1.35*	
			For Curved Formwork, Add		*2.69*	
03 11 13 00-0004	SF		Pile Cap, Pier Or Spread Footings Foundation Wood Formwork		8.83	
			For <1,000, Add		*1.67*	
			For Foundations >8' Below Grade, Add		*1.62*	
			For Curved Formwork, Add		*3.25*	
03 11 13 00-0005	SF		Mat Foundation Wood Formwork		10.35	
			For <1,000, Add		*1.97*	
			For Foundations >8' Below Grade, Add		*1.92*	
			For Curved Formwork, Add		*3.84*	
03 11 13 00-0006	SF		Grade Beams Or Duct Bank Foundation Wood Formwork		8.60	
			For <1,000, Add		*1.62*	
			For Foundations >8' Below Grade, Add		*1.57*	
			For Curved Formwork, Add		*3.14*	
03 11 13 00-0007	SF		Below Grade Walls Foundation Wood Formwork		12.14	
			Note: Excludes footing			
			For <1,000, Add		*2.29*	
			For Foundations >8' Below Grade, Add		*2.22*	
			For Curved Formwork, Add		*4.43*	

03 11 13 00-0008 Slab Edge And Block-Out Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0009	LF		Up To 6" High Slab Edge and Block-Out Wood Formwork		5.73	
			For Foundations >8' Below Grade, Add		*1.07*	
			For Curved Formwork, Add		*2.15*	
			For Up To 250, Add		*1.10*	
03 11 13 00-0010	LF		>6" To 12" High Slab Edge and Block-Out Wood Formwork		8.19	
			For Foundations >8' Below Grade, Add		*1.50*	
			For Curved Formwork, Add		*2.99*	
			For Up To 250, Add		*1.54*	
03 11 13 00-0011	SF		>12" High Slab Edge and Block-Out Wood Formwork		10.65	
			For Foundations >8' Below Grade, Add		*1.94*	
			For Curved Formwork, Add		*3.89*	
			For <1,000, Add		*2.01*	

03 11 13 00-0012 Column Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0013	LF		Up To 8" Square Column Wood Formwork		44.19	
03 11 13 00-0014	LF		>8" To 12" Square Column Wood Formwork		64.75	
03 11 13 00-0015	LF		>12" To 18" Square Column Wood Formwork		81.61	
03 11 13 00-0016	LF		>18" To 24" Square Column Wood Formwork		117.16	
03 11 13 00-0017	LF		>24" To 36" Square Column Wood Formwork		168.27	
03 11 13 00-0018	LF		>36" To 48" Square Column Wood Formwork		222.51	

03 11 13 00-0019 Above Grade Wall Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0020	SF		Up To 8' High Above Grade Wall Wood Formwork		13.57	
			For Curved Formwork, Add		*5.01*	
			For <1,000, Add		*2.57*	
03 11 13 00-0021	SF		>8' High Above Grade Wall Wood Formwork		16.04	
			For Curved Formwork, Add		*5.94*	
			For <1,000, Add		*3.05*	

03 11 13 00-0022 Elevated Beam Wood Formwork *(03 11 13 00-0001)*

Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.

03 11 13 00-0023	SF		Bottom of Elevated Beam Wood Formwork		17.91	
			For Curved Formwork, Add		*6.54*	
			For <1,000, Add		*3.37*	
03 11 13 00-0024	SF		Vertical Sides of Elevated Beam Wood Formwork		11.28	
			For Curved Formwork, Add		*4.17*	
			For <1,000, Add		*2.14*	

03 11 13 00-0025 Elevated Slab Wood Formwork *(03 11 13 00-0001)*

Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.

03 11 13 00-0026	SF		Elevated Slab Wood Formwork		10.64	
			For <1,000, Add		*1.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0027		**Metal Framed Formwork** *(03 11 13)*		
		Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
03 11 13 00-0028		**Foundation Metal Framed Formwork** *(03 11 13 00-0027)*		
		Note: For foundation work below or at grade.		
03 11 13 00-0029	SF	Continuous Footings Foundation Metal Framed Formwork	7.00	
		For <1,000, Add	*1.28*	
		For Foundations >8' Below Grade, Add	*1.21*	
		For Curved Formwork, Add	*2.43*	
03 11 13 00-0030	SF	Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork	7.75	
		For <1,000, Add	*1.42*	
		For Foundations >8' Below Grade, Add	*1.36*	
		For Curved Formwork, Add	*2.72*	
03 11 13 00-0031	SF	Mat Foundation Metal Framed Formwork	8.70	
		For <1,000, Add	*1.58*	
		For Foundations >8' Below Grade, Add	*1.50*	
		For Curved Formwork, Add	*3.01*	
03 11 13 00-0032	SF	Grade Beams Or Duct Bank Foundation Metal Framed Formwork	7.34	
		For <1,000, Add	*1.33*	
		For Foundations >8' Below Grade, Add	*1.26*	
		For Curved Formwork, Add	*2.53*	
03 11 13 00-0033	SF	Below Grade Walls Foundation Metal Framed Formwork	11.15	
		Note: Excludes footing.		
		For <1,000, Add	*2.06*	
		For Foundations >8' Below Grade, Add	*1.98*	
		For Curved Formwork, Add	*3.95*	
03 11 13 00-0034		**Slab Edge And Block-Out Metal Framed Formwork** *(03 11 13 00-0027)*		
03 11 13 00-0035	LF	Up To 6" High Slab Edge and Block-Out Metal Framed Formwork	5.01	
		For Foundations >8' Below Grade, Add	*0.98*	
		For Curved Formwork, Add	*1.95*	
		For <250, Add	*0.98*	
03 11 13 00-0036	LF	>6" To 12" High Slab Edge and Block-Out Metal Framed Formwork	6.29	
		For Foundations >8' Below Grade, Add	*1.21*	
		For Curved Formwork, Add	*2.43*	
		For <250, Add	*1.23*	
03 11 13 00-0037	SF	>12" High Slab Edge and Block-Out Metal Framed Formwork	6.97	
		For Foundations >8' Below Grade, Add	*1.34*	
		For Curved Formwork, Add	*2.68*	
		For <1,000, Add	*1.36*	
03 11 13 00-0038		**Column Metal Framed Formwork** *(03 11 13 00-0027)*		
03 11 13 00-0039		**Square Columns** *(03 11 13 00-0038)*		
03 11 13 00-0040	LF	Up To 12" Square Column Metal Framed Formwork	43.52	
03 11 13 00-0041	LF	>12" To 16" Square Column Metal Framed Formwork	52.63	
03 11 13 00-0042	LF	>16" To 20" Square Column Metal Framed Formwork	61.77	
03 11 13 00-0043	LF	>20" To 24" Square Column Metal Framed Formwork	73.79	
03 11 13 00-0044	LF	>24" To 30" Square Column Metal Framed Formwork	88.92	
03 11 13 00-0045	LF	>30" To 36" Square Column Metal Framed Formwork	106.81	
03 11 13 00-0046	LF	>36" To 48" Square Column Metal Framed Formwork	137.08	
03 11 13 00-0047	LF	>48" To 60" Square Column Metal Framed Formwork	169.14	
03 11 13 00-0048		**Round Columns** *(03 11 13 00-0038)*		
03 11 13 00-0049	LF	Up To 12" Diameter Column Metal Formwork	43.99	
03 11 13 00-0050	LF	>12" To 16" Diameter Column Metal Formwork	48.84	
03 11 13 00-0051	LF	>16" To 20" Diameter Column Metal Formwork	55.96	
03 11 13 00-0052	LF	>20" To 24" Diameter Column Metal Formwork	65.05	
03 11 13 00-0053	LF	>24" To 30" Diameter Column Metal Formwork	76.68	
03 11 13 00-0054	LF	>30" To 36" Diameter Column Metal Formwork	87.74	
03 11 13 00-0055	LF	>36" To 48" Diameter Column Metal Formwork	114.20	
03 11 13 00-0056	LF	>48" To 60" Diameter Column Metal Formwork	150.17	
03 11 13 00-0057		**Above Grade Wall Metal Framed Formwork** *(03 11 13 00-0027)*		
03 11 13 00-0058	SF	Up to 8' High Above Grade Wall Metal Framed Formwork	6.92	
		For Curved Formwork, Add	*2.26*	
		For <1,000, Add	*1.22*	
03 11 13 00-0059	SF	>8' High Above Grade Wall Metal Framed Formwork	8.46	
		For Curved Formwork, Add	*2.73*	
		For <1,000, Add	*1.47*	
03 11 13 00-0060		**Elevated Beam Metal Framed Formwork** *(03 11 13 00-0027)*		
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0061	SF	Bottom of Elevated Beam Metal Framed Formwork	7.01	
		For Curved Formwork, Add	*2.13*	
		For <1,000, Add	*1.18*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0062		SF	Vertical Sides of Elevated Beam Metal Framed Formwork	5.17	
			For Curved Formwork, Add	*1.66*	
			For <1,000, Add	*0.90*	
03 11 13 00-0063			**Elevated Slab Metal Framed Formwork** *(03 11 13 00-0027)*		
			Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0064		SF	Elevated Slab Metal Framed Formwork	9.85	
			For <1,000, Add	*1.46*	
03 11 13 00-0065			**Fiber Tube Formwork** *(03 11 13)*		
			Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.		
03 11 13 00-0066			**Round Column Fiber Tube Formwork** *(03 11 13 00-0065)*		
03 11 13 00-0067		LF	6" Diameter Round Fiber Tube Formwork	17.70	
			For Plastic Lined, Add	*0.67*	
			For Columns >12' In Length, Add	*1.77*	
03 11 13 00-0068		LF	8" Diameter Round Fiber Tube Formwork	18.68	
			For Plastic Lined, Add	*0.79*	
			For Columns >12' In Length, Add	*1.87*	
03 11 13 00-0069		LF	10" Diameter Round Fiber Tube Formwork	20.63	
			For Plastic Lined, Add	*0.91*	
			For Columns >12' In Length, Add	*2.06*	
03 11 13 00-0070		LF	12" Diameter Round Fiber Tube Formwork	24.36	
			For Plastic Lined, Add	*1.30*	
			For Columns >12' In Length, Add	*2.44*	
03 11 13 00-0071		LF	14" Diameter Round Fiber Tube Formwork	27.54	
			For Plastic Lined, Add	*1.76*	
			For Columns >12' In Length, Add	*2.75*	
03 11 13 00-0072		LF	16" Diameter Round Fiber Tube Formwork	29.88	
			For Plastic Lined, Add	*2.24*	
			For Columns >12' In Length, Add	*2.99*	
03 11 13 00-0073		LF	18" Diameter Round Fiber Tube Formwork	31.40	
			For Plastic Lined, Add	*2.43*	
			For Columns >12' In Length, Add	*3.14*	
03 11 13 00-0074		LF	20" Diameter Round Fiber Tube Formwork	34.27	
			For Plastic Lined, Add	*3.03*	
			For Columns >12' In Length, Add	*3.43*	
03 11 13 00-0075		LF	22" Diameter Round Fiber Tube Formwork	37.56	
			For Plastic Lined, Add	*3.65*	
			For Columns >12' In Length, Add	*3.76*	
03 11 13 00-0076		LF	24" Diameter Round Fiber Tube Formwork	40.86	
			For Plastic Lined, Add	*4.28*	
			For Columns >12' In Length, Add	*4.09*	
03 11 13 00-0077		LF	26" Diameter Round Fiber Tube Formwork	42.63	
			For Plastic Lined, Add	*4.67*	
			For Columns >12' In Length, Add	*4.26*	
03 11 13 00-0078		LF	28" Diameter Round Fiber Tube Formwork	45.40	
			For Plastic Lined, Add	*5.35*	
			For Columns >12' In Length, Add	*4.54*	
03 11 13 00-0079		LF	30" Diameter Round Fiber Tube Formwork	48.37	
			For Plastic Lined, Add	*6.10*	
			For Columns >12' In Length, Add	*4.84*	
03 11 13 00-0080		LF	36" Diameter Round Fiber Tube Formwork	58.88	
			For Plastic Lined, Add	*8.73*	
			For Columns >12' In Length, Add	*5.89*	
03 11 13 00-0081		LF	42" Diameter Round Fiber Tube Formwork	80.46	
			For Plastic Lined, Add	*14.83*	
			For Columns >12' In Length, Add	*8.05*	
03 11 13 00-0082		LF	48" Diameter Round Fiber Tube Formwork	95.98	
			For Plastic Lined, Add	*19.11*	
			For Columns >12' In Length, Add	*9.60*	
03 11 13 00-0083		LF	54" Diameter Round Fiber Tube Formwork	159.97	
			For Plastic Lined, Add	*37.70*	
			For Columns >12' In Length, Add	*16.00*	
03 11 13 00-0084		LF	60" Diameter Round Fiber Tube Formwork	177.84	
			For Plastic Lined, Add	*42.59*	
			For Columns >12' In Length, Add	*17.78*	
03 11 13 00-0085			**Accessories For Formwork** *(03 11 13)*		
03 11 13 00-0086			**Keyway Forms, All Materials** *(03 11 13 00-0085)*		
03 11 13 00-0087		LF	2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials	2.00	
03 11 13 00-0088			**Chamfer Strips, All Materials** *(03 11 13 00-0085)*		
03 11 13 00-0089		LF	1/2" Wide Chamfer Strips for Concrete Formwork, All Materials	2.12	
03 11 13 00-0090		LF	3/4" Wide Chamfer Strips for Concrete Formwork, All Materials	2.45	
03 11 13 00-0091		LF	1" Wide Chamfer Strips for Concrete Formwork, All Materials	2.83	
03 11 13 00-0092			**Strip Out Reglets For Concrete Formwork** *(03 11 13 00-0085)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0093	LF	24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork	11.06	

03 11 13 00-0094 Sleeves And Chases, Plastic Or Sheet Metal *(03 11 13 00-0085)*

03 11 13 00-0095	EA	2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	14.41	
03 11 13 00-0096	EA	4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	18.56	
03 11 13 00-0097	EA	6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	22.57	
03 11 13 00-0098	EA	8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	27.70	
03 11 13 00-0099	EA	12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	36.29	
03 11 13 00-0100	EA	18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	96.16	

03 11 16 Architectural Cast-In-Place Concrete Forming *(03 11)*

03 11 16 13 Concrete Form Liners *(03 11 16)*

03 11 16 13-0001 Concrete Form Liners *(03 11 16 13)*

03 11 16 13-0002	SF	Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork	5.22	
03 11 16 13-0003	SF	Beveled Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	6.84	
03 11 16 13-0004	SF	Square Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	8.97	

03 11 23 Permanent Stair Forming *(03 11)*

03 11 23 00-0001 Stairway Wood Formwork *(03 11 23)*

03 11 23 00-0002	SF	Cast On Grade Stairway Wood Formwork	17.20	
		For Curved Formwork, Add		*6.65*
		For <1,000, Add		*3.36*
03 11 23 00-0003	SF	Elevated Stairway Wood Formwork	34.32	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add		*12.94*
		For <1,000, Add		*6.60*

03 11 23 00-0004 Stairway Metal Framed Formwork *(03 11 23)*

03 11 23 00-0005	SF	Cast On Grade Stairway Metal Framed Formwork	14.45	
		For Curved Formwork, Add		*5.43*
		For <1,000, Add		*2.77*
03 11 23 00-0006	SF	Elevated Stairway Metal Framed Formwork	26.80	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add		*10.09*
		For <1,000, Add		*5.15*

03 15 Concrete Accessories *(03 10)*

03 15 13 Waterstops *(03 15)*

03 15 13 13 Non-Expanding Waterstops *(03 15 13)*

03 15 13 13-0001 Polyvinyl Chloride (PVC) Waterstops *(03 15 13 13)*

03 15 13 13-0002	LF	3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	9.33	
03 15 13 13-0003	LF	3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	10.84	
03 15 13 13-0004	LF	3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	13.90	
03 15 13 13-0005	LF	3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	15.69	
03 15 13 13-0006	LF	1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	27.26	
03 15 13 13-0007	LF	3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	12.28	
03 15 13 13-0008	LF	3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	14.74	
03 15 13 13-0009	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop	30.46	
03 15 13 13-0010	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb	22.51	

03 15 13 13-0011 Rubber Waterstops *(03 15 13 13)*

03 15 13 13-0012	LF	3/8" Thick x 6" Wide Rubber Dumbbell Waterstop	9.20	
03 15 13 13-0013	LF	3/8" Thick x 9" Wide Rubber Dumbbell Waterstop	10.65	
03 15 13 13-0014	LF	1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb	9.87	
03 15 13 13-0015	LF	1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb	13.81	
03 15 13 13-0016	LF	3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb	11.17	
03 15 13 13-0017	LF	3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb	14.54	

03 15 13 16 Expanding Waterstops *(03 15 13)*

03 15 13 16-0001 Bentonite Waterstops *(03 15 13 16)*

03 15 13 16-0002	LF	3/4" x 3/8" Bentonite Waterstop	8.96	
03 15 13 16-0003	LF	1-1/4" x 1/2" Bentonite Waterstop	14.85	
03 15 13 16-0004	LF	1" x 3/4" Bentonite Waterstop	16.98	
03 15 13 16-0005	LF	1" x 1" Bentonite Waterstop	19.83	

03 15 16 Concrete Construction Joints *(03 15)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0001		**Poured Expansion Joint** *(03 15 16)*		
03 15 16 00-0002	LF	1/2" x 1" Plain Asphalt Expansion Joint, Poured	3.22	0.89
		For Installation In Walls, Add	*1.49*	
03 15 16 00-0003	LF	1" x 2" Plain Asphalt Expansion Joint, Poured	7.21	0.89
		For Installation In Walls, Add	*1.68*	
03 15 16 00-0004	LF	1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied	3.13	0.89
		For Installation In Walls, Add	*1.49*	
03 15 16 00-0005	LF	1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied	6.81	0.89
		For Installation In Walls, Add	*1.68*	
03 15 16 00-0006	LF	1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts	4.35	0.89
		For Installation In Walls, Add	*1.68*	
03 15 16 00-0007	LF	1" x 2" Polyurethane Expansion Joint, Poured, Poured, 2 Parts	7.83	0.89
		For Installation In Walls, Add	*2.72*	
03 15 16 00-0008	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied	3.58	0.89
		For Installation In Walls, Add	*1.49*	
03 15 16 00-0009	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	4.40	0.89
		For Installation In Walls, Add	*1.49*	
03 15 16 00-0010	LF	1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	11.45	0.89
		For Installation In Walls, Add	*1.68*	
03 15 16 00-0011		**Premolded Expansion Joints** *(03 15 16)*		
03 15 16 00-0012		**Asphalt Saturated Fiber, Premolded Expansion Joints** *(03 15 16 00-0011)*		
03 15 16 00-0013	LF	1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.21	1.01
03 15 16 00-0014	LF	1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.58	1.06
03 15 16 00-0015	LF	1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.78	1.11
03 15 16 00-0016	LF	1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.01	1.16
03 15 16 00-0017	LF	3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.45	1.01
03 15 16 00-0018	LF	3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.76	1.06
03 15 16 00-0019	LF	3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.13	1.11
03 15 16 00-0020	LF	3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.67	1.16
03 15 16 00-0021	LF	1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint	2.20	0.96
03 15 16 00-0022	LF	1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.41	1.01
03 15 16 00-0023	LF	1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.67	1.06
03 15 16 00-0024	LF	1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.87	1.11
03 15 16 00-0025	LF	1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.13	1.16
03 15 16 00-0026	LF	1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.51	1.21
03 15 16 00-0027	LF	1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint	3.79	1.26
03 15 16 00-0028	LF	1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	4.30	1.31
03 15 16 00-0029	LF	3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.69	1.06
03 15 16 00-0030	LF	3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.11	1.11
03 15 16 00-0031	LF	3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.86	1.21
03 15 16 00-0032	SF	1" Asphalt Saturated Fiber, Premolded Expansion Joint	6.85	1.66
03 15 16 00-0033		**Cork, Premolded Expansion Joints** *(03 15 16 00-0011)*		
03 15 16 00-0034	LF	1/2" x 4" Cork, Premolded Expansion Joint	4.03	1.06
03 15 16 00-0035	LF	1/2" x 6" Cork, Premolded Expansion Joint	4.53	1.16
03 15 16 00-0036	LF	1/2" x 8" Cork, Premolded Expansion Joint	4.94	1.21
03 15 16 00-0037	LF	1/2" x 10" Cork, Premolded Expansion Joint	7.09	1.26
03 15 16 00-0038	LF	1/2" x 12" Cork, Premolded Expansion Joint	7.56	1.31
03 15 16 00-0039	SF	1/2" Cork, Premolded Expansion Joint	8.27	1.66
03 15 16 00-0040	SF	3/4" Cork, Premolded Expansion Joint	9.69	1.66
03 15 16 00-0041	SF	1" Cork, Premolded Expansion Joint	10.34	1.66
03 15 16 00-0042		**Flexible Polyethylene Foam, Premolded Expansion Joints** *(03 15 16 00-0011)*		
03 15 16 00-0043	LF	1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.42	1.06
03 15 16 00-0044	LF	1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.51	1.11
03 15 16 00-0045	LF	1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.65	1.16
03 15 16 00-0046	LF	1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.13	1.21
03 15 16 00-0047	LF	1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.50	1.06
03 15 16 00-0048	LF	1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.60	1.11
03 15 16 00-0049	LF	1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.71	1.16
03 15 16 00-0050	LF	1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.00	1.21
03 15 16 00-0051		**Zip Strip, Premolded Expansion Joints** *(03 15 16 00-0011)*		
03 15 16 00-0052	LF	1" Zip Strip, Premolded Expansion Joint	2.45	1.06
03 15 16 00-0053	LF	1-1/2" Zip Strip, Premolded Expansion Joint	2.68	1.11
03 15 16 00-0054	LF	2" Zip Strip, Premolded Expansion Joint	2.99	1.21
03 15 16 00-0055		**Sponge Rubber, Premolded Expansion Joints** *(03 15 16 00-0011)*		
03 15 16 00-0056	LF	1/2" x 4" Sponge Rubber, Premolded Expansion Joint	4.42	1.01
03 15 16 00-0057	LF	1/2" x 6" Sponge Rubber, Premolded Expansion Joint	5.30	1.01
03 15 16 00-0058		**Asphalt Felt Control Joints Or Bond Breaker** *(03 15 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0059	SF	Asphalt Felt Control Joint, 30 LB Felt Bond Breaker	1.19	0.76
		>1,250, Deduct	*-0.06*	
03 15 16 00-0060	SF	Asphalt Felt Control Joint, 15 LB Felt Bond Breaker	1.10	0.76
		>1,250, Deduct	*-0.06*	
03 15 16 00-0061		Keyed Cold Expansion And Control Joints *(03 15 16)*		
03 15 16 00-0062		24 Gauge Galvanized Steel With Stakes *(03 15 16 00-0061)*		
03 15 16 00-0063	LF	24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint	5.77	
03 15 16 00-0064	LF	24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint	5.88	
03 15 16 00-0065	LF	24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint	6.09	
03 15 16 00-0066	LF	24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint	6.46	
03 15 16 00-0067	LF	24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint	8.09	
03 15 16 00-0068		Expansion Control Systems *(03 15 16)*		
03 15 16 00-0069		Wabo Jeene "FW" Traffic Series Expansion Control System *(03 15 16 00-0068)*		
		Note: Jeene® is a patented structural sealing joint system comprised of a neoprene profile, which is air-pressurized and bonded in place with a specially formulated epoxy adhesive. Complete adhesion of the epoxy to the profile and joint wall is achieved due to the air inflation during installation.		
03 15 16 00-0070	LF	1" x 1-1/4" Jeene "FW" Expansion Joint System	87.06	6.08
		Note: Jeene 25FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.		
03 15 16 00-0071	LF	1-5/8" x 2" Jeene "FW" Expansion Joint System	107.78	6.89
		Note: Jeene 40FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.		
03 15 16 00-0072	LF	2" x 2-1/2" Jeene "FW" Expansion Joint System	125.09	7.60
		Note: Jeene 50FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.		
03 15 16 00-0073	LF	2-1/2" x 3-1/4" Jeene "FW" Expansion Joint System	149.34	8.41
		Note: Jeene 65FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.		
03 15 16 00-0074	LF	3" x 3-3/4" Jeene "FW" Expansion Joint System	188.18	9.22
		Note: Jeene 75FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.		
03 15 16 00-0075	LF	3-7/8" x 5" Jeene "FW" Expansion Joint System	222.85	9.93
		Note: Jeene 100FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.		
03 15 16 00-0076	LF	5" x 6-1/8" Jeene "FW" Expansion Joint System	365.93	10.74
		Note: Jeene 125FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.		
03 15 16 00-0077		Wabo ElastoFlex "EFJ" High Impact Load Expansion Joint System *(03 15 16 00-0068)*		
		Note: Wabo®ElastoFlex is a watertight continuous membrane system for joints with movements up to four inches in parking decks, loading docks, elevated roadways and other vehicle and forklift traffic. It uses mechanically fastened ethylene propylene diene monomer (EPDM) anchor blocks with molded-in steel inserts to support heavy duty and high impact loads. The winged flap of the durable elastomeric seal is locked between the anchor block and concrete slab. An epoxy paste bedding adhesive is applied between the winged flap and concrete slab to enhance the product's watertightness. The exposed surfaces are non-metallic and skid resistant while resisting UV deterioration and most chemicals.		
03 15 16 00-0078	LF	1-1/2" ElastoFlex "EFJ" Expansion Joint System	165.86	8.04
		Note: ElastoFlex EFJ-225 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.		
03 15 16 00-0079	LF	2-1/2" ElastoFlex "EFJ" Expansion Joint System	206.13	10.06
		Note: ElastoFlex EFJ-400 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.		
03 15 16 00-0080	LF	3-3/4" ElastoFlex "EFJ" Expansion Joint System	259.00	12.06
		Note: ElastoFlex EFJ-600 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.		
03 15 16 00-0081	LF	1-1/2" ElastoFlex "EFJ-C" Expansion Joint System	126.09	8.04
		Note: ElastoFlex EFJ-225C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.		
03 15 16 00-0082	LF	2-1/2" ElastoFlex "EFJ-C" Expansion Joint System	164.03	10.06
		Note: ElastoFlex EFJ-400C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.		
03 15 16 00-0083	LF	3-3/4" ElastoFlex "EFJ-C" Expansion Joint System	219.23	12.06
		Note: ElastoFlex EFJ-600C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.		
03 15 16 00-0084		Emseal Seismic Colorseal Expansion Joint System *(03 15 16 00-0068)*		
		Note: For high-movement and seismic structural expansion joints, panel joints, window perimeter joints, joints around other penetrations of the building envelope such as store-fronts, curtain walls, EIFS panel joints etc, seal shall be silicone pre-coated, preformed, pre-compressed, self-expanding, sealant system. Seal shall combine factory-applied, 15 Shore-A hardness, low-modulus silicone, and a backing of acrylic-impregnated expanding foam into a unified binary sealant system.		
03 15 16 00-0085	LF	1" Seismic Colorseal Expansion Joint System	54.72	4.05
		Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.		
03 15 16 00-0086	LF	1-1/2" Seismic Colorseal Expansion Joint System	81.40	4.66
		Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0087	LF	2" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	112.85	5.27
03 15 16 00-0088	LF	2-1/2" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	140.04	5.77
03 15 16 00-0089	LF	3" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	172.68	6.38
03 15 16 00-0090	LF	3-1/2" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	213.04	6.99
03 15 16 00-0091	LF	4" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	255.77	7.60
03 15 16 00-0092	LF	4-1/2" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	294.25	8.10
03 15 16 00-0093	LF	5" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	334.59	8.71

03 15 16 00-0094 Emseal Thermaflex Watertight Expansion Joint System *(03 15 16 00-0068)*

Note: Thermaflex consists of extruded thermo-plastic Santoprene rubber sealing glands with punched flanges embedded in a high-strength, flexible, impact-absorbing elastomeric concrete nosing. The thermo-plastic Santoprene sealing glands are heat-weldable making transitions through changes in direction and plane not only practical but watertight. The elastomeric concrete is two-part polyurethane reinforced with silica sand and fiberglass.

03 15 16 00-0095	LF	1-1/2" Thermaflex TM Expansion Joint System Note: Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.	93.12	6.04
03 15 16 00-0096	LF	2-1/2" Thermaflex TM Expansion Joint System Note: Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.	99.33	7.03
03 15 16 00-0097	EA	Thermaflex TM Fittings Expansion Joint System Note: For direction changes, tees and crosses. Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.	479.45	20.10

03 15 19 Cast-In Concrete Anchors *(03 15)*

03 15 19 00-0001 Cast In Place Anchors *(03 15 19)*

Note: For cast in place installations. Includes nut and washer.

03 15 19 00-0002 J-Type Anchor Bolts *(03 15 19 00-0001)*

See CSI section 03 11 13 00-0002 for template.

03 15 19 00-0003 1/2" And 5/8" Diameter *(03 15 19 00-0002)*

03 15 19 00-0004	EA	1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	9.40
		For Galvanized, Add	*1.85*
		For Stainless Steel, Add	*12.92*
		For >10 To 50, Deduct	*-0.29*
		For >50 To 100, Deduct	*-0.66*
		For >100, Deduct	*-1.33*
03 15 19 00-0005	EA	1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	10.85
		For Galvanized, Add	*2.35*
		For Stainless Steel, Add	*16.45*
		For >10 To 50, Deduct	*-0.31*
		For >50 To 100, Deduct	*-0.73*
		For >100, Deduct	*-1.47*
03 15 19 00-0006	EA	1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	13.14
		For Galvanized, Add	*3.24*
		For Stainless Steel, Add	*22.68*
		For >10 To 50, Deduct	*-0.33*
		For >50 To 100, Deduct	*-0.83*
		For >100, Deduct	*-1.66*
03 15 19 00-0007	EA	5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	15.12
		For Galvanized, Add	*4.23*
		For Stainless Steel, Add	*29.61*
		For >10 To 50, Deduct	*-0.33*
		For >50 To 100, Deduct	*-0.88*
		For >100, Deduct	*-1.76*
03 15 19 00-0008	EA	5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	18.57
		For Galvanized, Add	*5.65*
		For Stainless Steel, Add	*39.52*
		For >10 To 50, Deduct	*-0.36*
		For >50 To 100, Deduct	*-1.01*
		For >100, Deduct	*-2.02*
03 15 19 00-0009	EA	5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	20.91
		For Galvanized, Add	*6.46*
		For Stainless Steel, Add	*45.19*
		For >10 To 50, Deduct	*-0.40*
		For >50 To 100, Deduct	*-1.12*
		For >100, Deduct	*-2.25*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0010		**3/4" And 7/8" Diameter** *(03 15 19 00-0002)*		
03 15 19 00-0011	EA	3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	20.82	
		For Galvanized, Add	*6.41*	
		For Stainless Steel, Add	*44.87*	
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.24*	
03 15 19 00-0012	EA	3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	23.83	
		For Galvanized, Add	*7.47*	
		For Stainless Steel, Add	*52.29*	
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-1.26*	
		For >100, Deduct	*-2.53*	
03 15 19 00-0013	EA	3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	29.13	
		For Galvanized, Add	*9.57*	
		For Stainless Steel, Add	*66.96*	
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.96*	
03 15 19 00-0014	EA	3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	35.31	
		For Galvanized, Add	*12.06*	
		For Stainless Steel, Add	*84.39*	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.72*	
		For >100, Deduct	*-3.45*	
03 15 19 00-0015	EA	7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	27.52	
		For Galvanized, Add	*8.76*	
		For Stainless Steel, Add	*61.32*	
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.44*	
		For >100, Deduct	*-2.88*	
03 15 19 00-0016	EA	7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	32.41	
		For Galvanized, Add	*10.49*	
		For Stainless Steel, Add	*73.43*	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.67*	
		For >100, Deduct	*-3.34*	
03 15 19 00-0017	EA	7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	41.29	
		For Galvanized, Add	*13.98*	
		For Stainless Steel, Add	*97.86*	
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-2.03*	
		For >100, Deduct	*-4.06*	
03 15 19 00-0018		**1" And 1-1/8" Diameter** *(03 15 19 00-0002)*		
03 15 19 00-0019	EA	1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	34.09	
		For Galvanized, Add	*11.33*	
		For Stainless Steel, Add	*79.31*	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.71*	
		For >100, Deduct	*-3.42*	
03 15 19 00-0020	EA	1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	40.60	
		For Galvanized, Add	*13.64*	
		For Stainless Steel, Add	*95.45*	
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-2.01*	
		For >100, Deduct	*-4.03*	
03 15 19 00-0021	EA	1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	50.17	
		For Galvanized, Add	*17.09*	
		For Stainless Steel, Add	*119.63*	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-2.45*	
		For >100, Deduct	*-4.91*	
03 15 19 00-0022	EA	1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	61.76	
		For Galvanized, Add	*20.89*	
		For Stainless Steel, Add	*146.20*	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-3.04*	
		For >100, Deduct	*-6.09*	
03 15 19 00-0023	EA	1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	40.88	
		For Galvanized, Add	*14.17*	
		For Stainless Steel, Add	*99.16*	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.96*	
		For >100, Deduct	*-3.93*	
03 15 19 00-0024	EA	1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	48.72	
		For Galvanized, Add	*17.05*	
		For Stainless Steel, Add	*119.32*	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-2.32*	
		For >100, Deduct	*-4.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0025	EA	1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	60.29	
		For Galvanized, Add	*21.37*	
		For Stainless Steel, Add	*149.56*	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.82*	
		For >100, Deduct	*-5.65*	
03 15 19 00-0026	EA	1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	74.16	
		For Galvanized, Add	*26.11*	
		For Stainless Steel, Add	*182.74*	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-3.50*	
		For >100, Deduct	*-7.00*	
03 15 19 00-0027		1-1/4" And 1-1/2" Diameter *(03 15 19 00-0002)*		
03 15 19 00-0028	EA	1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	49.30	
		For Galvanized, Add	*17.70*	
		For Stainless Steel, Add	*123.90*	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-2.28*	
		For >100, Deduct	*-4.55*	
03 15 19 00-0029	EA	1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	58.82	
		For Galvanized, Add	*21.31*	
		For Stainless Steel, Add	*149.17*	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.69*	
		For >100, Deduct	*-5.37*	
03 15 19 00-0030	EA	1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	72.88	
		For Galvanized, Add	*26.72*	
		For Stainless Steel, Add	*187.01*	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-3.28*	
		For >100, Deduct	*-6.56*	
03 15 19 00-0031	EA	1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	89.56	
		For Galvanized, Add	*32.63*	
		For Stainless Steel, Add	*228.38*	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-4.06*	
		For >100, Deduct	*-8.12*	
03 15 19 00-0032	EA	1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	59.84	
		For Galvanized, Add	*22.13*	
		For Stainless Steel, Add	*154.91*	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-2.66*	
		For >100, Deduct	*-5.33*	
03 15 19 00-0033	EA	1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	71.45	
		For Galvanized, Add	*26.64*	
		For Stainless Steel, Add	*186.45*	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-3.15*	
		For >100, Deduct	*-6.30*	
03 15 19 00-0034	EA	1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	88.62	
		For Galvanized, Add	*33.40*	
		For Stainless Steel, Add	*233.80*	
		For >10 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-3.85*	
		For >100, Deduct	*-7.70*	
03 15 19 00-0035	EA	1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	108.83	
		For Galvanized, Add	*40.79*	
		For Stainless Steel, Add	*285.50*	
		For >10 To 50, Deduct	*-1.36*	
		For >50 To 100, Deduct	*-4.77*	
		For >100, Deduct	*-9.53*	
03 15 19 00-0036		L-Type Anchor Bolts *(03 15 19 00-0001)*		
		See CSI section 03 11 13 00-0002 for template.		
03 15 19 00-0037		3/4" And 7/8" Diameter *(03 15 19 00-0036)*		
03 15 19 00-0038	EA	3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	18.69	
		For Galvanized, Add	*4.90*	
		For Stainless Steel, Add	*34.30*	
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-1.13*	
		For >100, Deduct	*-2.27*	
03 15 19 00-0039	EA	3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	22.10	
		For Galvanized, Add	*6.05*	
		For Stainless Steel, Add	*42.35*	
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.30*	
		For >100, Deduct	*-2.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0040	EA	3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	25.31	
		For Galvanized, Add	*6.94*	
		For Stainless Steel, Add	*48.58*	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.49*	
		For >100, Deduct	*-2.98*	
03 15 19 00-0041	EA	3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	27.74	
		For Galvanized, Add	*7.21*	
		For Stainless Steel, Add	*50.44*	
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.69*	
		For >100, Deduct	*-3.39*	
03 15 19 00-0042	EA	3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	31.11	
		For Galvanized, Add	*7.56*	
		For Stainless Steel, Add	*52.92*	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.98*	
		For >100, Deduct	*-3.95*	
03 15 19 00-0043	EA	7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	22.15	
		For Galvanized, Add	*6.08*	
		For Stainless Steel, Add	*42.53*	
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.30*	
		For >100, Deduct	*-2.61*	
03 15 19 00-0044	EA	7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	25.58	
		For Galvanized, Add	*7.08*	
		For Stainless Steel, Add	*49.53*	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-2.99*	
03 15 19 00-0045	EA	7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	29.56	
		For Galvanized, Add	*8.12*	
		For Stainless Steel, Add	*56.81*	
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.74*	
		For >100, Deduct	*-3.48*	
03 15 19 00-0046	EA	7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	32.84	
		For Galvanized, Add	*8.43*	
		For Stainless Steel, Add	*58.98*	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-2.02*	
		For >100, Deduct	*-4.04*	
03 15 19 00-0047	EA	7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	37.69	
		For Galvanized, Add	*8.85*	
		For Stainless Steel, Add	*61.95*	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.44*	
		For >100, Deduct	*-4.88*	
03 15 19 00-0048		1" And 1-1/8" Diameter *(03 15 19 00-0036)*		
03 15 19 00-0049	EA	1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	27.01	
		For Galvanized, Add	*7.79*	
		For Stainless Steel, Add	*54.53*	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.53*	
		For >100, Deduct	*-3.07*	
03 15 19 00-0050	EA	1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	30.85	
		For Galvanized, Add	*8.76*	
		For Stainless Steel, Add	*61.32*	
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.77*	
		For >100, Deduct	*-3.54*	
03 15 19 00-0051	EA	1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	35.58	
		For Galvanized, Add	*9.80*	
		For Stainless Steel, Add	*68.57*	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-2.09*	
		For >100, Deduct	*-4.18*	
03 15 19 00-0052	EA	1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	37.89	
		For Galvanized, Add	*10.26*	
		For Stainless Steel, Add	*71.79*	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.25*	
		For >100, Deduct	*-4.50*	
03 15 19 00-0053	EA	1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	41.47	
		For Galvanized, Add	*10.74*	
		For Stainless Steel, Add	*75.18*	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.54*	
		For >100, Deduct	*-5.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0054	EA	1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	47.11	
		For Galvanized, Add	*12.45*	
		For Stainless Steel, Add	*87.12*	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-2.84*	
		For >100, Deduct	*-5.69*	
03 15 19 00-0055	EA	1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	55.80	
		For Galvanized, Add	*14.57*	
		For Stainless Steel, Add	*101.99*	
		For >10 To 50, Deduct	*-1.33*	
		For >50 To 100, Deduct	*-3.39*	
		For >100, Deduct	*-6.79*	
03 15 19 00-0056	EA	1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	33.82	
		For Galvanized, Add	*10.25*	
		For Stainless Steel, Add	*71.72*	
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.85*	
		For >100, Deduct	*-3.69*	
03 15 19 00-0057	EA	1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	38.92	
		For Galvanized, Add	*11.47*	
		For Stainless Steel, Add	*80.26*	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-2.17*	
		For >100, Deduct	*-4.34*	
03 15 19 00-0058	EA	1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	41.38	
		For Galvanized, Add	*12.00*	
		For Stainless Steel, Add	*84.00*	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.34*	
		For >100, Deduct	*-4.68*	

03 15 19 00-0059 1-1/4" And 1-3/8" Diameter *(03 15 19 00-0036)*

03 15 19 00-0060	EA	1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	40.77	
		For Galvanized, Add	*12.39*	
		For Stainless Steel, Add	*86.73*	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-2.22*	
		For >100, Deduct	*-4.44*	
03 15 19 00-0061	EA	1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	48.99	
		For Galvanized, Add	*14.50*	
		For Stainless Steel, Add	*101.50*	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.72*	
		For >100, Deduct	*-5.45*	
03 15 19 00-0062	EA	1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	53.90	
		For Galvanized, Add	*16.43*	
		For Stainless Steel, Add	*114.98*	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-2.93*	
		For >100, Deduct	*-5.85*	
03 15 19 00-0063	EA	1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	59.31	
		For Galvanized, Add	*18.55*	
		For Stainless Steel, Add	*129.82*	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-3.15*	
		For >100, Deduct	*-6.30*	
03 15 19 00-0064	EA	1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	65.33	
		For Galvanized, Add	*20.17*	
		For Stainless Steel, Add	*141.19*	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.51*	
		For >100, Deduct	*-7.02*	
03 15 19 00-0065	EA	1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	71.76	
		For Galvanized, Add	*21.60*	
		For Stainless Steel, Add	*151.20*	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.94*	
		For >100, Deduct	*-7.87*	
03 15 19 00-0066	EA	1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	79.56	
		For Galvanized, Add	*23.12*	
		For Stainless Steel, Add	*161.84*	
		For >10 To 50, Deduct	*-1.67*	
		For >50 To 100, Deduct	*-4.49*	
		For >100, Deduct	*-8.98*	
03 15 19 00-0067	EA	1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	91.11	
		For Galvanized, Add	*25.56*	
		For Stainless Steel, Add	*178.92*	
		For >10 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-5.28*	
		For >100, Deduct	*-10.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0068	EA	1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	46.97	
		For Galvanized, Add	*15.49*	
		For Stainless Steel, Add	*108.43*	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-2.37*	
		For >100, Deduct	*-4.75*	
03 15 19 00-0069	EA	1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	56.25	
		For Galvanized, Add	*18.13*	
		For Stainless Steel, Add	*126.91*	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.91*	
		For >100, Deduct	*-5.81*	
03 15 19 00-0070	EA	1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	62.10	
		For Galvanized, Add	*20.53*	
		For Stainless Steel, Add	*143.68*	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-3.13*	
		For >100, Deduct	*-6.26*	
03 15 19 00-0071	EA	1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	68.57	
		For Galvanized, Add	*23.18*	
		For Stainless Steel, Add	*162.23*	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-3.38*	
		For >100, Deduct	*-6.76*	
03 15 19 00-0072	EA	1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	75.42	
		For Galvanized, Add	*25.22*	
		For Stainless Steel, Add	*176.51*	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.76*	
		For >100, Deduct	*-7.52*	
03 15 19 00-0073	EA	1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	82.57	
		For Galvanized, Add	*27.01*	
		For Stainless Steel, Add	*189.04*	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-4.21*	
		For >100, Deduct	*-8.41*	
03 15 19 00-0074	EA	1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	91.59	
		For Galvanized, Add	*29.14*	
		For Stainless Steel, Add	*203.95*	
		For >10 To 50, Deduct	*-1.67*	
		For >50 To 100, Deduct	*-4.79*	
		For >100, Deduct	*-9.58*	
03 15 19 00-0075	EA	1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	103.91	
		For Galvanized, Add	*31.96*	
		For Stainless Steel, Add	*223.72*	
		For >10 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-5.60*	
		For >100, Deduct	*-11.19*	
03 15 19 00-0076		1-1/2", 1-3/4", And 2" Diameter *(03 15 19 00-0036)*		
03 15 19 00-0077	EA	1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	61.12	
		For Galvanized, Add	*21.47*	
		For Stainless Steel, Add	*150.29*	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.89*	
		For >100, Deduct	*-5.78*	
03 15 19 00-0078	EA	1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	66.09	
		For Galvanized, Add	*22.52*	
		For Stainless Steel, Add	*157.64*	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-3.23*	
		For >100, Deduct	*-6.46*	
03 15 19 00-0079	EA	1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	73.08	
		For Galvanized, Add	*24.78*	
		For Stainless Steel, Add	*173.46*	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-3.59*	
		For >100, Deduct	*-7.18*	
03 15 19 00-0080	EA	1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	79.13	
		For Galvanized, Add	*27.07*	
		For Stainless Steel, Add	*189.49*	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.85*	
		For >100, Deduct	*-7.71*	
03 15 19 00-0081	EA	1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	85.39	
		For Galvanized, Add	*29.37*	
		For Stainless Steel, Add	*205.56*	
		For >10 To 50, Deduct	*-1.33*	
		For >50 To 100, Deduct	*-4.13*	
		For >100, Deduct	*-8.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0082	EA	1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	93.93	
		For Galvanized, Add	*31.58*	
		For Stainless Steel, Add	*221.06*	
		For >10 To 50, Deduct	*-1.54*	
		For >50 To 100, Deduct	*-4.66*	
		For >100, Deduct	*-9.31*	
03 15 19 00-0083	EA	1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	104.68	
		For Galvanized, Add	*34.16*	
		For Stainless Steel, Add	*239.12*	
		For >10 To 50, Deduct	*-1.82*	
		For >50 To 100, Deduct	*-5.34*	
		For >100, Deduct	*-10.69*	
03 15 19 00-0084	EA	1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	120.20	
		For Galvanized, Add	*37.89*	
		For Stainless Steel, Add	*265.20*	
		For >10 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-6.34*	
		For >100, Deduct	*-12.67*	
03 15 19 00-0085	EA	1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	84.60	
		For Galvanized, Add	*32.31*	
		For Stainless Steel, Add	*226.14*	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-3.61*	
		For >100, Deduct	*-7.23*	
03 15 19 00-0086	EA	1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	88.24	
		For Galvanized, Add	*33.01*	
		For Stainless Steel, Add	*231.07*	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-3.87*	
		For >100, Deduct	*-7.75*	
03 15 19 00-0087	EA	1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	90.60	
		For Galvanized, Add	*33.54*	
		For Stainless Steel, Add	*234.78*	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-4.03*	
		For >100, Deduct	*-8.06*	
03 15 19 00-0088	EA	1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	102.46	
		For Galvanized, Add	*38.74*	
		For Stainless Steel, Add	*271.15*	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-4.44*	
		For >100, Deduct	*-8.87*	
03 15 19 00-0089	EA	1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	117.99	
		For Galvanized, Add	*44.72*	
		For Stainless Steel, Add	*313.01*	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-5.09*	
		For >100, Deduct	*-10.18*	
03 15 19 00-0090	EA	1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	123.93	
		For Galvanized, Add	*45.31*	
		For Stainless Steel, Add	*317.14*	
		For >10 To 50, Deduct	*-1.67*	
		For >50 To 100, Deduct	*-5.60*	
		For >100, Deduct	*-11.19*	
03 15 19 00-0091	EA	1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	137.84	
		For Galvanized, Add	*48.93*	
		For Stainless Steel, Add	*342.48*	
		For >10 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-6.45*	
		For >100, Deduct	*-12.89*	
03 15 19 00-0092	EA	1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	155.36	
		For Galvanized, Add	*52.69*	
		For Stainless Steel, Add	*368.83*	
		For >10 To 50, Deduct	*-2.50*	
		For >50 To 100, Deduct	*-7.63*	
		For >100, Deduct	*-15.27*	
03 15 19 00-0093	EA	2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	121.87	
		For Galvanized, Add	*49.18*	
		For Stainless Steel, Add	*344.23*	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-4.81*	
		For >100, Deduct	*-9.62*	
03 15 19 00-0094	EA	2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	132.99	
		For Galvanized, Add	*53.17*	
		For Stainless Steel, Add	*372.16*	
		For >10 To 50, Deduct	*-1.33*	
		For >50 To 100, Deduct	*-5.32*	
		For >100, Deduct	*-10.65*	
03 15 19 00-0095	EA	2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	146.67	
		For Galvanized, Add	*57.95*	
		For Stainless Steel, Add	*405.65*	
		For >10 To 50, Deduct	*-1.54*	
		For >50 To 100, Deduct	*-5.97*	
		For >100, Deduct	*-11.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0096	EA	2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	159.10	
		For Galvanized, Add	*61.37*	
		For Stainless Steel, Add	*429.59*	
		For >10 To 50, Deduct	*-1.82*	
		For >50 To 100, Deduct	*-6.70*	
		For >100, Deduct	*-13.41*	
03 15 19 00-0097	EA	2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	171.88	
		For Galvanized, Add	*65.95*	
		For Stainless Steel, Add	*461.62*	
		For >10 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-7.30*	
		For >100, Deduct	*-14.59*	
03 15 19 00-0098	EA	2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	185.27	
		For Galvanized, Add	*70.42*	
		For Stainless Steel, Add	*492.94*	
		For >10 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-7.96*	
		For >100, Deduct	*-15.93*	
03 15 19 00-0099	EA	2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	208.38	
		For Galvanized, Add	*75.63*	
		For Stainless Steel, Add	*529.38*	
		For >10 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-9.49*	
		For >100, Deduct	*-18.99*	
03 15 19 00-0100	EA	2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	223.41	
		For Galvanized, Add	*83.14*	
		For Stainless Steel, Add	*581.98*	
		For >10 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-9.87*	
		For >100, Deduct	*-19.74*	
03 15 19 00-0101	EA	2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	251.49	
		For Galvanized, Add	*92.42*	
		For Stainless Steel, Add	*646.94*	
		For >10 To 50, Deduct	*-3.33*	
		For >50 To 100, Deduct	*-11.29*	
		For >100, Deduct	*-22.57*	

03 15 19 00-0102 2-1/2" And 2-3/4" Diameter *(03 15 19 00-0036)*

03 15 19 00-0103	EA	2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	242.03	
		For Galvanized, Add	*109.26*	
		For Stainless Steel, Add	*764.79*	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-7.81*	
		For >100, Deduct	*-15.63*	
03 15 19 00-0104	EA	2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	255.06	
		For Galvanized, Add	*114.20*	
		For Stainless Steel, Add	*799.40*	
		For >10 To 50, Deduct	*-1.33*	
		For >50 To 100, Deduct	*-8.38*	
		For >100, Deduct	*-16.75*	
03 15 19 00-0105	EA	2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	278.47	
		For Galvanized, Add	*123.85*	
		For Stainless Steel, Add	*866.95*	
		For >10 To 50, Deduct	*-1.54*	
		For >50 To 100, Deduct	*-9.27*	
		For >100, Deduct	*-18.54*	
03 15 19 00-0106	EA	2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	297.40	
		For Galvanized, Add	*130.52*	
		For Stainless Steel, Add	*913.64*	
		For >10 To 50, Deduct	*-1.82*	
		For >50 To 100, Deduct	*-10.16*	
		For >100, Deduct	*-20.32*	
03 15 19 00-0107	EA	2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	315.02	
		For Galvanized, Add	*137.52*	
		For Stainless Steel, Add	*962.61*	
		For >10 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-10.87*	
		For >100, Deduct	*-21.75*	
03 15 19 00-0108	EA	2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	335.14	
		For Galvanized, Add	*145.36*	
		For Stainless Steel, Add	*1,017.49*	
		For >10 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-11.71*	
		For >100, Deduct	*-23.42*	
03 15 19 00-0109	EA	2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	363.88	
		For Galvanized, Add	*153.38*	
		For Stainless Steel, Add	*1,073.63*	
		For >10 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-13.38*	
		For >100, Deduct	*-26.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0110	EA	2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	272.36	
		For Galvanized, Add	*123.69*	
		For Stainless Steel, Add	*865.80*	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-8.68*	
		For >100, Deduct	*-17.37*	
03 15 19 00-0111	EA	2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	293.17	
		For Galvanized, Add	*132.31*	
		For Stainless Steel, Add	*926.14*	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-9.47*	
		For >100, Deduct	*-18.94*	
03 15 19 00-0112	EA	2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	315.34	
		For Galvanized, Add	*141.01*	
		For Stainless Steel, Add	*987.07*	
		For >10 To 50, Deduct	*-1.67*	
		For >50 To 100, Deduct	*-10.38*	
		For >100, Deduct	*-20.77*	
03 15 19 00-0113	EA	2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	337.68	
		For Galvanized, Add	*148.85*	
		For Stainless Steel, Add	*1,041.92*	
		For >10 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-11.44*	
		For >100, Deduct	*-22.88*	
03 15 19 00-0114	EA	2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	359.25	
		For Galvanized, Add	*157.41*	
		For Stainless Steel, Add	*1,101.87*	
		For >10 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-12.31*	
		For >100, Deduct	*-24.63*	
03 15 19 00-0115	EA	2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	389.11	
		For Galvanized, Add	*169.57*	
		For Stainless Steel, Add	*1,186.96*	
		For >10 To 50, Deduct	*-2.50*	
		For >50 To 100, Deduct	*-13.48*	
		For >100, Deduct	*-26.95*	
03 15 19 00-0116	EA	2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	424.43	
		For Galvanized, Add	*178.89*	
		For Stainless Steel, Add	*1,252.23*	
		For >10 To 50, Deduct	*-3.33*	
		For >50 To 100, Deduct	*-15.61*	
		For >100, Deduct	*-31.22*	

03 20 Concrete Reinforcing *(03)*

Note: Includes cutting or torching to size, bending where necessary and tie wires.

03 21 Reinforcement Bars *(03 20)*

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lbs./LF, #3 - 0.376 Lbs./LF, #4 - 0.668 Lbs./LF, #5 - 1.043 Lbs./LF, #6 - 1.502 Lbs./LF, #7 - 2.044 Lbs./LF, #8 - 2.670 Lbs./LF, #9 - 3.400 Lbs./LF, #10 - 4.303 Lbs./LF, #11 - 5.313 Lbs./LF, #14 - 7.650 Lbs./LF, #18 - 13.600 Lbs./LF.

03 21 11 Plain Steel Reinforcement Bars *(03 21)*

03 21 11 00-0001 Beams And Girders, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0002	LF	#3, Grade 40, Beams And Girders, Steel Reinforcement Bar	0.66	
		For Up To 100, Add	*0.43*	
		For >100 To 200, Add	*0.23*	
		For >200 To 500, Add	*0.09*	
03 21 11 00-0003	LF	#4, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.12	
		For Up To 100, Add	*0.74*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 11 00-0004	LF	#5, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.67	
		For Up To 100, Add	*1.12*	
		For >100 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.24*	
03 21 11 00-0005	LF	#6, Grade 40, Beams And Girders, Steel Reinforcement Bar	2.31	
		For Up To 100, Add	*1.58*	
		For >100 To 200, Add	*0.85*	
		For >200 To 500, Add	*0.34*	
03 21 11 00-0006	LF	#3, Grade 50, Beams And Girders, Steel Reinforcement Bar	0.68	
		For Up To 100, Add	*0.45*	
		For >100 To 200, Add	*0.24*	
		For >200 To 500, Add	*0.10*	
03 21 11 00-0007	LF	#4, Grade 50, Beams And Girders, Steel Reinforcement Bar	1.14	
		For Up To 100, Add	*0.76*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.17*	
03 21 11 00-0008	LF	#5, Grade 50, Beams And Girders, Steel Reinforcement Bar	1.71	
		For Up To 100, Add	*1.16*	
		For >100 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0009	LF	#6, Grade 50, Beams And Girders, Steel Reinforcement Bar	2.36	
		For Up To 100, Add	*1.63*	
		For >100 To 200, Add	*0.88*	
		For >200 To 500, Add	*0.35*	
03 21 11 00-0010	LF	#3, Grade 60, Beams And Girders, Steel Reinforcement Bar	0.70	
		For Up To 100, Add	*0.47*	
		For >100 To 200, Add	*0.25*	
		For >200 To 500, Add	*0.10*	
03 21 11 00-0011	LF	#4, Grade 60, Beams And Girders, Steel Reinforcement Bar	1.18	
		For Up To 100, Add	*0.80*	
		For >100 To 200, Add	*0.43*	
		For >200 To 500, Add	*0.17*	
03 21 11 00-0012	LF	#5, Grade 60, Beams And Girders, Steel Reinforcement Bar	1.77	
		For Up To 100, Add	*1.22*	
		For >100 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
03 21 11 00-0013	LF	#6, Grade 60, Beams And Girders, Steel Reinforcement Bar	2.45	
		For Up To 100, Add	*1.72*	
		For >100 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.37*	
03 21 11 00-0014	LF	#7, Grade 60, Beams And Girders, Steel Reinforcement Bar	3.18	
		For Up To 100, Add	*1.79*	
		For >100 To 200, Add	*1.05*	
		For >200 To 400, Add	*0.49*	
03 21 11 00-0015	LF	#8, Grade 60, Beams And Girders, Steel Reinforcement Bar	3.96	
		For Up To 100, Add	*2.27*	
		For >100 To 200, Add	*1.32*	
		For >200 To 400, Add	*0.62*	
03 21 11 00-0016	LF	#9, Grade 60, Beams And Girders, Steel Reinforcement Bar	4.86	
		For Up To 100, Add	*2.82*	
		For >100 To 200, Add	*1.64*	
		For >200 To 400, Add	*0.77*	
03 21 11 00-0017	LF	#10, Grade 60, Beams And Girders, Steel Reinforcement Bar	5.93	
		For Up To 100, Add	*2.84*	
		For >100 To 200, Add	*1.54*	
		For >200 To 300, Add	*0.77*	
03 21 11 00-0018	LF	#11, Grade 60, Beams And Girders, Steel Reinforcement Bar	7.05	
		For Up To 100, Add	*3.43*	
		For >100 To 200, Add	*1.85*	
		For >200 To 300, Add	*0.92*	
03 21 11 00-0019	LF	#14, Grade 60, Beams And Girders, Steel Reinforcement Bar	9.76	
		For Up To 100, Add	*4.82*	
		For >100 To 200, Add	*2.58*	
		For >200 To 300, Add	*1.29*	
03 21 11 00-0020	LF	#18, Grade 60, Beams And Girders, Steel Reinforcement Bar	16.68	
		For Up To 100, Add	*8.36*	
		For >100 To 200, Add	*4.46*	
		For >200 To 300, Add	*2.23*	
03 21 11 00-0021	LF	#6, Grade 75, Beams And Girders, Steel Reinforcement Bar	2.53	
		For Up To 100, Add	*1.80*	
		For >100 To 200, Add	*0.96*	
		For >200 To 500, Add	*0.39*	
03 21 11 00-0022	LF	#7, Grade 75, Beams And Girders, Steel Reinforcement Bar	3.29	
		For Up To 100, Add	*1.87*	
		For >100 To 200, Add	*1.09*	
		For >200 To 400, Add	*0.51*	
03 21 11 00-0023	LF	#8, Grade 75, Beams And Girders, Steel Reinforcement Bar	4.10	
		For Up To 100, Add	*2.37*	
		For >100 To 200, Add	*1.38*	
		For >200 To 400, Add	*0.64*	
03 21 11 00-0024	LF	#9, Grade 75, Beams And Girders, Steel Reinforcement Bar	5.04	
		For Up To 100, Add	*2.96*	
		For >100 To 200, Add	*1.71*	
		For >200 To 400, Add	*0.80*	
03 21 11 00-0025	LF	#10, Grade 75, Beams And Girders, Steel Reinforcement Bar	6.17	
		For Up To 100, Add	*2.99*	
		For >100 To 200, Add	*1.61*	
		For >200 To 300, Add	*0.81*	
03 21 11 00-0026	LF	#11, Grade 75, Beams And Girders, Steel Reinforcement Bar	7.34	
		For Up To 100, Add	*3.60*	
		For >100 To 200, Add	*1.93*	
		For >200 To 300, Add	*0.97*	
03 21 11 00-0027	LF	#14, Grade 75, Beams And Girders, Steel Reinforcement Bar	10.18	
		For Up To 100, Add	*5.07*	
		For >100 To 200, Add	*2.71*	
		For >200 To 300, Add	*1.35*	
03 21 11 00-0028	LF	#18, Grade 75, Beams And Girders, Steel Reinforcement Bar	17.42	
		For Up To 100, Add	*8.81*	
		For >100 To 200, Add	*4.68*	
		For >200 To 300, Add	*2.34*	
03 21 11 00-0029	LF	#3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.71	
		For Up To 100, Add	*0.48*	
		For >100 To 200, Add	*0.26*	
		For >200 To 500, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0030	LF	#4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.21	
		For Up To 100, Add	*0.83*	
		For >100 To 200, Add	*0.45*	
		For >200 To 500, Add	*0.18*	
03 21 11 00-0031	LF	#5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.81	
		For Up To 100, Add	*1.26*	
		For >100 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
03 21 11 00-0032	LF	#6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.51	
		For Up To 100, Add	*1.78*	
		For >100 To 200, Add	*0.95*	
		For >200 To 500, Add	*0.38*	
03 21 11 00-0033	LF	#7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.27	
		For Up To 100, Add	*1.85*	
		For >100 To 200, Add	*1.08*	
		For >200 To 400, Add	*0.50*	
03 21 11 00-0034	LF	#8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	4.07	
		For Up To 100, Add	*2.35*	
		For >100 To 200, Add	*1.36*	
		For >200 To 400, Add	*0.64*	
03 21 11 00-0035	LF	#9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	5.00	
		For Up To 100, Add	*2.93*	
		For >100 To 200, Add	*1.69*	
		For >200 To 400, Add	*0.79*	
03 21 11 00-0036	LF	#10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	6.11	
		For Up To 100, Add	*2.95*	
		For >100 To 200, Add	*1.59*	
		For >200 To 300, Add	*0.80*	
03 21 11 00-0037	LF	#11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	7.27	
		For Up To 100, Add	*3.56*	
		For >100 To 200, Add	*1.91*	
		For >200 To 300, Add	*0.96*	
03 21 11 00-0038	LF	#14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	10.08	
		For Up To 100, Add	*5.01*	
		For >100 To 200, Add	*2.68*	
		For >200 To 300, Add	*1.34*	
03 21 11 00-0039	LF	#18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	17.24	
		For Up To 100, Add	*8.70*	
		For >100 To 200, Add	*4.62*	
		For >200 To 300, Add	*2.31*	

03 21 11 00-0040 Columns, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0041	LF	#3, Grade 40, Columns, Steel Reinforcement Bar	0.69	
		For Up To 100, Add	*0.44*	
		For >100 To 200, Add	*0.24*	
		For >200 To 500, Add	*0.10*	
03 21 11 00-0042	LF	#4, Grade 40, Columns, Steel Reinforcement Bar	1.19	
		For Up To 100, Add	*0.77*	
		For >100 To 200, Add	*0.42*	
		For >200 To 500, Add	*0.17*	
03 21 11 00-0043	LF	#5, Grade 40, Columns, Steel Reinforcement Bar	1.76	
		For Up To 100, Add	*1.16*	
		For >100 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	
03 21 11 00-0044	LF	#6, Grade 40, Columns, Steel Reinforcement Bar	2.44	
		For Up To 100, Add	*1.64*	
		For >100 To 200, Add	*0.89*	
		For >200 To 500, Add	*0.35*	
03 21 11 00-0045	LF	#3, Grade 50, Columns, Steel Reinforcement Bar	0.71	
		For Up To 100, Add	*0.46*	
		For >100 To 200, Add	*0.25*	
		For >200 To 500, Add	*0.10*	
03 21 11 00-0046	LF	#4, Grade 50, Columns, Steel Reinforcement Bar	1.21	
		For Up To 100, Add	*0.79*	
		For >100 To 200, Add	*0.43*	
		For >200 To 500, Add	*0.17*	
03 21 11 00-0047	LF	#5, Grade 50, Columns, Steel Reinforcement Bar	1.80	
		For Up To 100, Add	*1.20*	
		For >100 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.26*	
03 21 11 00-0048	LF	#6, Grade 50, Columns, Steel Reinforcement Bar	2.49	
		For Up To 100, Add	*1.69*	
		For >100 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.36*	
03 21 11 00-0049	LF	#3, Grade 60, Columns, Steel Reinforcement Bar	0.73	
		For Up To 100, Add	*0.48*	
		For >100 To 200, Add	*0.26*	
		For >200 To 500, Add	*0.10*	
03 21 11 00-0050	LF	#4, Grade 60, Columns, Steel Reinforcement Bar	1.25	
		For Up To 100, Add	*0.83*	
		For >100 To 200, Add	*0.45*	
		For >200 To 500, Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0051	LF	#5, Grade 60, Columns, Steel Reinforcement Bar	1.86	
		For Up To 100, Add	*1.26*	
		For >100 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
03 21 11 00-0052	LF	#6, Grade 60, Columns, Steel Reinforcement Bar	2.58	
		For Up To 100, Add	*1.78*	
		For >100 To 200, Add	*0.96*	
		For >200 To 500, Add	*0.38*	
03 21 11 00-0053	LF	#7, Grade 60, Columns, Steel Reinforcement Bar	3.33	
		For Up To 100, Add	*1.84*	
		For >100 To 200, Add	*1.08*	
		For >200 To 400, Add	*0.50*	
03 21 11 00-0054	LF	#8, Grade 60, Columns, Steel Reinforcement Bar	4.13	
		For Up To 100, Add	*2.33*	
		For >100 To 200, Add	*1.36*	
		For >200 To 400, Add	*0.63*	
03 21 11 00-0055	LF	#9, Grade 60, Columns, Steel Reinforcement Bar	5.06	
		For Up To 100, Add	*2.89*	
		For >100 To 200, Add	*1.69*	
		For >200 To 400, Add	*0.79*	
03 21 11 00-0056	LF	#10, Grade 60, Columns, Steel Reinforcement Bar	6.16	
		For Up To 100, Add	*2.97*	
		For >100 To 200, Add	*1.59*	
		For >200 To 300, Add	*0.79*	
03 21 11 00-0057	LF	#11, Grade 60, Columns, Steel Reinforcement Bar	7.31	
		For Up To 100, Add	*3.50*	
		For >100 To 200, Add	*1.90*	
		For >200 To 300, Add	*0.95*	
03 21 11 00-0058	LF	#14, Grade 60, Columns, Steel Reinforcement Bar	10.12	
		For Up To 100, Add	*4.92*	
		For >100 To 200, Add	*2.65*	
		For >200 To 300, Add	*1.33*	
03 21 11 00-0059	LF	#18, Grade 60, Columns, Steel Reinforcement Bar	17.23	
		For Up To 100, Add	*8.53*	
		For >100 To 200, Add	*4.57*	
		For >200 To 300, Add	*2.28*	
03 21 11 00-0060	LF	#6, Grade 75, Columns, Steel Reinforcement Bar	2.66	
		For Up To 100, Add	*1.86*	
		For >100 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.40*	
03 21 11 00-0061	LF	#7, Grade 75, Columns, Steel Reinforcement Bar	3.44	
		For Up To 100, Add	*1.92*	
		For >100 To 200, Add	*1.13*	
		For >200 To 400, Add	*0.52*	
03 21 11 00-0062	LF	#8, Grade 75, Columns, Steel Reinforcement Bar	4.27	
		For Up To 100, Add	*2.43*	
		For >100 To 200, Add	*1.42*	
		For >200 To 400, Add	*0.66*	
03 21 11 00-0063	LF	#9, Grade 75, Columns, Steel Reinforcement Bar	5.24	
		For Up To 100, Add	*3.03*	
		For >100 To 200, Add	*1.76*	
		For >200 To 400, Add	*0.82*	
03 21 11 00-0064	LF	#10, Grade 75, Columns, Steel Reinforcement Bar	6.40	
		For Up To 100, Add	*3.05*	
		For >100 To 200, Add	*1.66*	
		For >200 To 300, Add	*0.83*	
03 21 11 00-0065	LF	#11, Grade 75, Columns, Steel Reinforcement Bar	7.60	
		For Up To 100, Add	*3.68*	
		For >100 To 200, Add	*1.99*	
		For >200 To 300, Add	*0.99*	
03 21 11 00-0066	LF	#14, Grade 75, Columns, Steel Reinforcement Bar	10.54	
		For Up To 100, Add	*5.18*	
		For >100 To 200, Add	*2.78*	
		For >200 To 300, Add	*1.39*	
03 21 11 00-0067	LF	#18, Grade 75, Columns, Steel Reinforcement Bar	17.97	
		For Up To 100, Add	*8.97*	
		For >100 To 200, Add	*4.79*	
		For >200 To 300, Add	*2.39*	
03 21 11 00-0068	LF	#3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	0.74	
		For Up To 100, Add	*0.49*	
		For >100 To 200, Add	*0.27*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0069	LF	#4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.28	
		For Up To 100, Add	*0.86*	
		For >100 To 200, Add	*0.47*	
		For >200 To 500, Add	*0.19*	
03 21 11 00-0070	LF	#5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.90	
		For Up To 100, Add	*1.30*	
		For >100 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
03 21 11 00-0071	LF	#6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	2.64	
		For Up To 100, Add	*1.84*	
		For >100 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0072	LF	#7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	3.42	
		For Up To 100, Add	*1.91*	
		For >100 To 200, Add	*1.12*	
		For >200 To 400, Add	*0.52*	
03 21 11 00-0073	LF	#8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	4.24	
		For Up To 100, Add	*2.41*	
		For >100 To 200, Add	*1.41*	
		For >200 To 400, Add	*0.66*	
03 21 11 00-0074	LF	#9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	5.20	
		For Up To 100, Add	*3.00*	
		For >100 To 200, Add	*1.74*	
		For >200 To 400, Add	*0.81*	
03 21 11 00-0075	LF	#10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	6.34	
		For Up To 100, Add	*3.02*	
		For >100 To 200, Add	*1.64*	
		For >200 To 300, Add	*0.82*	
03 21 11 00-0076	LF	#11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	7.53	
		For Up To 100, Add	*3.64*	
		For >100 To 200, Add	*1.97*	
		For >200 To 300, Add	*0.98*	
03 21 11 00-0077	LF	#14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	10.44	
		For Up To 100, Add	*5.12*	
		For >100 To 200, Add	*2.75*	
		For >200 To 300, Add	*1.37*	
03 21 11 00-0078	LF	#18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	17.79	
		For Up To 100, Add	*8.86*	
		For >100 To 200, Add	*4.73*	
		For >200 To 300, Add	*2.37*	

03 21 11 00-0079 Footings, Steel Reinforcement Bar *(03-21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0080	LF	#3, Grade 40, Footings, Steel Reinforcement Bar	0.60	
		For Up To 100, Add	*0.40*	
		For >100 To 200, Add	*0.22*	
		For >200 To 500, Add	*0.09*	
03 21 11 00-0081	LF	#4, Grade 40, Footings, Steel Reinforcement Bar	1.03	
		For Up To 100, Add	*0.71*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 11 00-0082	LF	#5, Grade 40, Footings, Steel Reinforcement Bar	1.54	
		For Up To 100, Add	*1.07*	
		For >100 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.23*	
03 21 11 00-0083	LF	#6, Grade 40, Footings, Steel Reinforcement Bar	2.13	
		For Up To 100, Add	*1.51*	
		For >100 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.32*	
03 21 11 00-0084	LF	#3, Grade 50, Footings, Steel Reinforcement Bar	0.62	
		For Up To 100, Add	*0.42*	
		For >100 To 200, Add	*0.23*	
		For >200 To 500, Add	*0.09*	
03 21 11 00-0085	LF	#4, Grade 50, Footings, Steel Reinforcement Bar	1.05	
		For Up To 100, Add	*0.73*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.16*	
03 21 11 00-0086	LF	#5, Grade 50, Footings, Steel Reinforcement Bar	1.58	
		For Up To 100, Add	*1.11*	
		For >100 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.24*	
03 21 11 00-0087	LF	#6, Grade 50, Footings, Steel Reinforcement Bar	2.18	
		For Up To 100, Add	*1.56*	
		For >100 To 200, Add	*0.83*	
		For >200 To 500, Add	*0.33*	
03 21 11 00-0088	LF	#3, Grade 60, Footings, Steel Reinforcement Bar	0.64	
		For Up To 100, Add	*0.44*	
		For >100 To 200, Add	*0.24*	
		For >200 To 500, Add	*0.10*	
03 21 11 00-0089	LF	#4, Grade 60, Footings, Steel Reinforcement Bar	1.09	
		For Up To 100, Add	*0.77*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.16*	
03 21 11 00-0090	LF	#5, Grade 60, Footings, Steel Reinforcement Bar	1.64	
		For Up To 100, Add	*1.17*	
		For >100 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	
03 21 11 00-0091	LF	#6, Grade 60, Footings, Steel Reinforcement Bar	2.27	
		For Up To 100, Add	*1.65*	
		For >100 To 200, Add	*0.88*	
		For >200 To 500, Add	*0.35*	
03 21 11 00-0092	LF	#7, Grade 60, Footings, Steel Reinforcement Bar	2.96	
		For Up To 100, Add	*1.71*	
		For >100 To 200, Add	*0.99*	
		For >200 To 400, Add	*0.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0093	LF	#8, Grade 60, Footings, Steel Reinforcement Bar	3.70	
		For Up To 100, Add	*2.18*	
		For >100 To 200, Add	*1.26*	
		For >200 To 400, Add	*0.59*	
03 21 11 00-0094	LF	#9, Grade 60, Footings, Steel Reinforcement Bar	4.55	
		For Up To 100, Add	*2.71*	
		For >100 To 200, Add	*1.56*	
		For >200 To 400, Add	*0.74*	
03 21 11 00-0095	LF	#10, Grade 60, Footings, Steel Reinforcement Bar	5.57	
		For Up To 100, Add	*3.37*	
		For >100 To 200, Add	*1.92*	
		For >200 To 400, Add	*0.91*	
		For Up To 100, Add	*2.73*	
		For >100 To 200, Add	*1.47*	
		For >200 To 300, Add	*0.73*	
03 21 11 00-0096	LF	#11, Grade 60, Footings, Steel Reinforcement Bar	6.65	
		For Up To 100, Add	*4.08*	
		For >100 To 200, Add	*2.32*	
		For >200 To 400, Add	*1.10*	
		For Up To 100, Add	*3.31*	
		For >100 To 200, Add	*1.77*	
		For >200 To 300, Add	*0.88*	
03 21 11 00-0097	LF	#14, Grade 60, Footings, Steel Reinforcement Bar	9.24	
		For Up To 100, Add	*5.75*	
		For >100 To 200, Add	*3.25*	
		For >200 To 400, Add	*1.55*	
		For Up To 100, Add	*4.66*	
		For >100 To 200, Add	*2.48*	
		For >200 To 300, Add	*1.24*	
03 21 11 00-0098	LF	#18, Grade 60, Footings, Steel Reinforcement Bar	15.85	
		For Up To 100, Add	*10.02*	
		For >100 To 200, Add	*5.64*	
		For >200 To 400, Add	*2.70*	
		For Up To 100, Add	*8.11*	
		For >100 To 200, Add	*4.29*	
		For >200 To 300, Add	*2.14*	
03 21 11 00-0099	LF	#6, Grade 75, Footings, Steel Reinforcement Bar	2.35	
		For Up To 100, Add	*1.73*	
		For >100 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.37*	
		For Up To 100, Add	*1.35*	
		For >100 To 200, Add	*0.79*	
		For >200 To 400, Add	*0.37*	
03 21 11 00-0100	LF	#7, Grade 75, Footings, Steel Reinforcement Bar	3.07	
		For Up To 100, Add	*1.79*	
		For >100 To 200, Add	*1.04*	
		For >200 To 400, Add	*0.49*	
03 21 11 00-0101	LF	#8, Grade 75, Footings, Steel Reinforcement Bar	3.84	
		For Up To 100, Add	*2.28*	
		For >100 To 200, Add	*1.31*	
		For >200 To 400, Add	*0.62*	
03 21 11 00-0102	LF	#9, Grade 75, Footings, Steel Reinforcement Bar	4.73	
		For Up To 100, Add	*2.85*	
		For >100 To 200, Add	*1.63*	
		For >200 To 400, Add	*0.77*	
03 21 11 00-0103	LF	#10, Grade 75, Footings, Steel Reinforcement Bar	5.81	
		For Up To 100, Add	*2.88*	
		For >100 To 200, Add	*1.54*	
		For >200 To 300, Add	*0.77*	
03 21 11 00-0104	LF	#11, Grade 75, Footings, Steel Reinforcement Bar	6.94	
		For Up To 100, Add	*3.48*	
		For >100 To 200, Add	*1.85*	
		For >200 To 300, Add	*0.93*	
03 21 11 00-0105	LF	#14, Grade 75, Footings, Steel Reinforcement Bar	9.66	
		For Up To 100, Add	*4.91*	
		For >100 To 200, Add	*2.60*	
		For >200 To 300, Add	*1.30*	
03 21 11 00-0106	LF	#18, Grade 75, Footings, Steel Reinforcement Bar	16.59	
		For Up To 100, Add	*8.56*	
		For >100 To 200, Add	*4.51*	
		For >200 To 300, Add	*2.26*	
03 21 11 00-0107	LF	#3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	0.65	
		For Up To 100, Add	*0.45*	
		For >100 To 200, Add	*0.24*	
		For >200 To 500, Add	*0.10*	
03 21 11 00-0108	LF	#4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.12	
		For Up To 100, Add	*0.80*	
		For >100 To 200, Add	*0.43*	
		For >200 To 500, Add	*0.17*	
03 21 11 00-0109	LF	#5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.68	
		For Up To 100, Add	*1.21*	
		For >100 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.26*	
03 21 11 00-0110	LF	#6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.33	
		For Up To 100, Add	*1.71*	
		For >100 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.36*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0111	LF	#7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.05	
		For Up To 100, Add	*1.78*	
		For >100 To 200, Add	*1.03*	
		For >200 To 400, Add	*0.48*	
03 21 11 00-0112	LF	#8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.81	
		For Up To 100, Add	*2.26*	
		For >100 To 200, Add	*1.30*	
		For >200 To 400, Add	*0.61*	
03 21 11 00-0113	LF	#9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	4.69	
		For Up To 100, Add	*2.82*	
		For >100 To 200, Add	*1.61*	
		For >200 To 400, Add	*0.76*	
03 21 11 00-0114	LF	#10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	5.75	
		For Up To 100, Add	*2.84*	
		For >100 To 200, Add	*1.52*	
		For >200 To 300, Add	*0.76*	
03 21 11 00-0115	LF	#11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	6.87	
		For Up To 100, Add	*3.44*	
		For >100 To 200, Add	*1.83*	
		For >200 To 300, Add	*0.92*	
03 21 11 00-0116	LF	#14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	9.56	
		For Up To 100, Add	*4.85*	
		For >100 To 200, Add	*2.57*	
		For >200 To 300, Add	*1.29*	
03 21 11 00-0117	LF	#18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	16.41	
		For Up To 100, Add	*8.45*	
		For >100 To 200, Add	*4.46*	
		For >200 To 300, Add	*2.23*	

03 21 11 00-0118 Slab On Grade, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0119	LF	#3, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.58	
		For Up To 100, Add	*0.39*	
		For >100 To 200, Add	*0.21*	
		For >200 To 500, Add	*0.09*	
03 21 11 00-0120	LF	#4, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.00	
		For Up To 100, Add	*0.69*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 11 00-0121	LF	#5, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.49	
		For Up To 100, Add	*1.05*	
		For >100 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.23*	
03 21 11 00-0122	LF	#6, Grade 40, Slab On Grade, Steel Reinforcement Bar	2.06	
		For Up To 100, Add	*1.48*	
		For >100 To 200, Add	*0.79*	
		For >200 To 500, Add	*0.32*	
03 21 11 00-0123	LF	#3, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.60	
		For Up To 100, Add	*0.41*	
		For >100 To 200, Add	*0.22*	
		For >200 To 500, Add	*0.09*	
03 21 11 00-0124	LF	#4, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.02	
		For Up To 100, Add	*0.71*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 11 00-0125	LF	#5, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.53	
		For Up To 100, Add	*1.09*	
		For >100 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.23*	
03 21 11 00-0126	LF	#6, Grade 50, Slab On Grade, Steel Reinforcement Bar	2.11	
		For Up To 100, Add	*1.53*	
		For >100 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
03 21 11 00-0127	LF	#3, Grade 60, Slab On Grade, Steel Reinforcement Bar	0.62	
		For Up To 100, Add	*0.43*	
		For >100 To 200, Add	*0.23*	
		For >200 To 500, Add	*0.09*	
03 21 11 00-0128	LF	#4, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.06	
		For Up To 100, Add	*0.75*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 11 00-0129	LF	#5, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.59	
		For Up To 100, Add	*1.15*	
		For >100 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.25*	
03 21 11 00-0130	LF	#6, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.20	
		For Up To 100, Add	*1.62*	
		For >100 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.34*	
03 21 11 00-0131	LF	#7, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.89	
		For Up To 100, Add	*1.68*	
		For >100 To 200, Add	*0.97*	
		For >200 To 400, Add	*0.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0132	LF	#8, Grade 60, Slab On Grade, Steel Reinforcement Bar	3.61	
		For Up To 100, Add	*2.14*	
		For >100 To 200, Add	*1.23*	
		For >200 To 400, Add	*0.58*	
03 21 11 00-0133	LF	#9, Grade 60, Slab On Grade, Steel Reinforcement Bar	4.45	
		For Up To 100, Add	*2.68*	
		For >100 To 200, Add	*1.53*	
		For >200 To 400, Add	*0.73*	
03 21 11 00-0134	LF	#10, Grade 60, Slab On Grade, Steel Reinforcement Bar	5.45	
		For Up To 100, Add	*2.70*	
		For >100 To 200, Add	*1.44*	
		For >200 To 300, Add	*0.72*	
03 21 11 00-0135	LF	#11, Grade 60, Slab On Grade, Steel Reinforcement Bar	6.52	
		For Up To 100, Add	*3.27*	
		For >100 To 200, Add	*1.74*	
		For >200 To 300, Add	*0.87*	
03 21 11 00-0136	LF	#14, Grade 60, Slab On Grade, Steel Reinforcement Bar	9.06	
		For Up To 100, Add	*4.61*	
		For >100 To 200, Add	*2.44*	
		For >200 To 300, Add	*1.22*	
03 21 11 00-0137	LF	#18, Grade 60, Slab On Grade, Steel Reinforcement Bar	15.58	
		For Up To 100, Add	*8.03*	
		For >100 To 200, Add	*4.24*	
		For >200 To 300, Add	*2.12*	
03 21 11 00-0138	LF	#6, Grade 75, Slab On Grade, Steel Reinforcement Bar	2.28	
		For Up To 100, Add	*1.70*	
		For >100 To 200, Add	*0.90*	
		For >200 To 500, Add	*0.36*	
03 21 11 00-0139	LF	#7, Grade 75, Slab On Grade, Steel Reinforcement Bar	3.00	
		For Up To 100, Add	*1.77*	
		For >100 To 200, Add	*1.02*	
		For >200 To 400, Add	*0.48*	
03 21 11 00-0140	LF	#8, Grade 75, Slab On Grade, Steel Reinforcement Bar	3.75	
		For Up To 100, Add	*2.25*	
		For >100 To 200, Add	*1.29*	
		For >200 To 400, Add	*0.61*	
03 21 11 00-0141	LF	#9, Grade 75, Slab On Grade, Steel Reinforcement Bar	4.63	
		For Up To 100, Add	*2.81*	
		For >100 To 200, Add	*1.60*	
		For >200 To 400, Add	*0.76*	
03 21 11 00-0142	LF	#10, Grade 75, Slab On Grade, Steel Reinforcement Bar	5.69	
		For Up To 100, Add	*2.84*	
		For >100 To 200, Add	*1.52*	
		For >200 To 300, Add	*0.76*	
03 21 11 00-0143	LF	#11, Grade 75, Slab On Grade, Steel Reinforcement Bar	6.81	
		For Up To 100, Add	*3.44*	
		For >100 To 200, Add	*1.83*	
		For >200 To 300, Add	*0.91*	
03 21 11 00-0144	LF	#14, Grade 75, Slab On Grade, Steel Reinforcement Bar	9.48	
		For Up To 100, Add	*4.86*	
		For >100 To 200, Add	*2.57*	
		For >200 To 300, Add	*1.28*	
03 21 11 00-0145	LF	#18, Grade 75, Slab On Grade, Steel Reinforcement Bar	16.32	
		For Up To 100, Add	*8.48*	
		For >100 To 200, Add	*4.46*	
		For >200 To 300, Add	*2.23*	
03 21 11 00-0146	LF	#3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	0.63	
		For Up To 100, Add	*0.44*	
		For >100 To 200, Add	*0.24*	
		For >200 To 500, Add	*0.10*	
03 21 11 00-0147	LF	#4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.09	
		For Up To 100, Add	*0.78*	
		For >100 To 200, Add	*0.42*	
		For >200 To 500, Add	*0.17*	
03 21 11 00-0148	LF	#5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.63	
		For Up To 100, Add	*1.19*	
		For >100 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	
03 21 11 00-0149	LF	#6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.26	
		For Up To 100, Add	*1.68*	
		For >100 To 200, Add	*0.89*	
		For >200 To 500, Add	*0.36*	
03 21 11 00-0150	LF	#7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.98	
		For Up To 100, Add	*1.75*	
		For >100 To 200, Add	*1.01*	
		For >200 To 400, Add	*0.48*	
03 21 11 00-0151	LF	#8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	3.72	
		For Up To 100, Add	*2.23*	
		For >100 To 200, Add	*1.28*	
		For >200 To 400, Add	*0.60*	
03 21 11 00-0152	LF	#9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	4.59	
		For Up To 100, Add	*2.78*	
		For >100 To 200, Add	*1.59*	
		For >200 To 400, Add	*0.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0153	LF	#10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	5.63	
		For Up To 100, Add	*2.81*	
		For >100 To 200, Add	*1.50*	
		For >200 To 300, Add	*0.75*	
03 21 11 00-0154	LF	#11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	6.74	
		For Up To 100, Add	*3.40*	
		For >100 To 200, Add	*1.81*	
		For >200 To 300, Add	*0.90*	
03 21 11 00-0155	LF	#14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	9.38	
		For Up To 100, Add	*4.80*	
		For >100 To 200, Add	*2.54*	
		For >200 To 300, Add	*1.27*	
03 21 11 00-0156	LF	#18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	16.14	
		For Up To 100, Add	*8.37*	
		For >100 To 200, Add	*4.40*	
		For >200 To 300, Add	*2.20*	

03 21 11 00-0157 Elevated Slabs, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0158	LF	#3, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.54	
		For Up To 100, Add	*0.38*	
		For >100 To 200, Add	*0.20*	
		For >200 To 500, Add	*0.08*	
03 21 11 00-0159	LF	#4, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.93	
		For Up To 100, Add	*0.67*	
		For >100 To 200, Add	*0.36*	
		For >200 To 500, Add	*0.14*	
03 21 11 00-0160	LF	#5, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.40	
		For Up To 100, Add	*1.02*	
		For >100 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0161	LF	#6, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.94	
		For Up To 100, Add	*1.44*	
		For >100 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.30*	
03 21 11 00-0162	LF	#3, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.56	
		For Up To 100, Add	*0.40*	
		For >100 To 200, Add	*0.21*	
		For >200 To 500, Add	*0.09*	
03 21 11 00-0163	LF	#4, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.95	
		For Up To 100, Add	*0.69*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 11 00-0164	LF	#5, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.44	
		For Up To 100, Add	*1.06*	
		For >100 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0165	LF	#6, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.99	
		For Up To 100, Add	*1.49*	
		For >100 To 200, Add	*0.79*	
		For >200 To 500, Add	*0.31*	
03 21 11 00-0166	LF	#3, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.58	
		For Up To 100, Add	*0.42*	
		For >100 To 200, Add	*0.22*	
		For >200 To 500, Add	*0.09*	
03 21 11 00-0167	LF	#4, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.99	
		For Up To 100, Add	*0.73*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.15*	
03 21 11 00-0168	LF	#5, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.50	
		For Up To 100, Add	*1.12*	
		For >100 To 200, Add	*0.59*	
		For >200 To 500, Add	*0.24*	
03 21 11 00-0169	LF	#6, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.08	
		For Up To 100, Add	*1.58*	
		For >100 To 200, Add	*0.83*	
		For >200 To 500, Add	*0.33*	
03 21 11 00-0170	LF	#7, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.73	
		For Up To 100, Add	*1.63*	
		For >100 To 200, Add	*0.93*	
		For >200 To 400, Add	*0.44*	
03 21 11 00-0171	LF	#8, Grade 60, Elevated Slabs, Steel Reinforcement Bar	3.43	
		For Up To 100, Add	*2.08*	
		For >100 To 200, Add	*1.19*	
		For >200 To 400, Add	*0.56*	
03 21 11 00-0172	LF	#9, Grade 60, Elevated Slabs, Steel Reinforcement Bar	4.25	
		For Up To 100, Add	*2.61*	
		For >100 To 200, Add	*1.48*	
		For >200 To 400, Add	*0.71*	
03 21 11 00-0173	LF	#10, Grade 60, Elevated Slabs, Steel Reinforcement Bar	5.22	
		For Up To 100, Add	*2.63*	
		For >100 To 200, Add	*1.40*	
		For >200 To 300, Add	*0.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0174	LF	#11, Grade 60, Elevated Slabs, Steel Reinforcement Bar	6.25	
		For Up To 100, Add	*3.19*	
		For >100 To 200, Add	*1.69*	
		For >200 To 300, Add	*0.84*	
03 21 11 00-0175	LF	#14, Grade 60, Elevated Slabs, Steel Reinforcement Bar	8.72	
		For Up To 100, Add	*4.50*	
		For >100 To 200, Add	*2.37*	
		For >200 To 300, Add	*1.19*	
03 21 11 00-0176	LF	#18, Grade 60, Elevated Slabs, Steel Reinforcement Bar	15.04	
		For Up To 100, Add	*7.87*	
		For >100 To 200, Add	*4.13*	
		For >200 To 300, Add	*2.06*	
03 21 11 00-0177	LF	#6, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.16	
		For Up To 100, Add	*1.66*	
		For >100 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.35*	
03 21 11 00-0178	LF	#7, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.84	
		For Up To 100, Add	*1.71*	
		For >100 To 200, Add	*0.98*	
		For >200 To 400, Add	*0.46*	
03 21 11 00-0179	LF	#8, Grade 75, Elevated Slabs, Steel Reinforcement Bar	3.57	
		For Up To 100, Add	*2.19*	
		For >100 To 200, Add	*1.24*	
		For >200 To 400, Add	*0.59*	
03 21 11 00-0180	LF	#9, Grade 75, Elevated Slabs, Steel Reinforcement Bar	4.43	
		For Up To 100, Add	*2.74*	
		For >100 To 200, Add	*1.55*	
		For >200 To 400, Add	*0.74*	
03 21 11 00-0181	LF	#10, Grade 75, Elevated Slabs, Steel Reinforcement Bar	5.46	
		For Up To 100, Add	*2.77*	
		For >100 To 200, Add	*1.47*	
		For >200 To 300, Add	*0.74*	
03 21 11 00-0182	LF	#11, Grade 75, Elevated Slabs, Steel Reinforcement Bar	6.54	
		For Up To 100, Add	*3.36*	
		For >100 To 200, Add	*1.77*	
		For >200 To 300, Add	*0.89*	
03 21 11 00-0183	LF	#14, Grade 75, Elevated Slabs, Steel Reinforcement Bar	9.14	
		For Up To 100, Add	*4.76*	
		For >100 To 200, Add	*2.50*	
		For >200 To 300, Add	*1.25*	
03 21 11 00-0184	LF	#18, Grade 75, Elevated Slabs, Steel Reinforcement Bar	15.78	
		For Up To 100, Add	*8.31*	
		For >100 To 200, Add	*4.35*	
		For >200 To 300, Add	*2.17*	
03 21 11 00-0185	LF	#3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	0.59	
		For Up To 100, Add	*0.43*	
		For >100 To 200, Add	*0.23*	
		For >200 To 500, Add	*0.09*	
03 21 11 00-0186	LF	#4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.02	
		For Up To 100, Add	*0.76*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 11 00-0187	LF	#5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.54	
		For Up To 100, Add	*1.16*	
		For >100 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.24*	
03 21 11 00-0188	LF	#6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.14	
		For Up To 100, Add	*1.64*	
		For >100 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.34*	
03 21 11 00-0189	LF	#7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.82	
		For Up To 100, Add	*1.70*	
		For >100 To 200, Add	*0.97*	
		For >200 To 400, Add	*0.46*	
03 21 11 00-0190	LF	#8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	3.54	
		For Up To 100, Add	*2.16*	
		For >100 To 200, Add	*1.23*	
		For >200 To 400, Add	*0.59*	
03 21 11 00-0191	LF	#9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	4.39	
		For Up To 100, Add	*2.71*	
		For >100 To 200, Add	*1.54*	
		For >200 To 400, Add	*0.73*	
03 21 11 00-0192	LF	#10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	5.40	
		For Up To 100, Add	*2.74*	
		For >100 To 200, Add	*1.45*	
		For >200 To 300, Add	*0.73*	
03 21 11 00-0193	LF	#11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	6.47	
		For Up To 100, Add	*3.32*	
		For >100 To 200, Add	*1.75*	
		For >200 To 300, Add	*0.88*	
03 21 11 00-0194	LF	#14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	9.04	
		For Up To 100, Add	*4.70*	
		For >100 To 200, Add	*2.47*	
		For >200 To 300, Add	*1.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0195	LF	#18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	15.60	
		For Up To 100, Add	*8.21*	
		For >100 To 200, Add	*4.30*	
		For >200 To 300, Add	*2.15*	

03 21 11 00-0196 Walls, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0197	LF	#3, Grade 40, Walls, Steel Reinforcement Bar	0.52	
		For Up To 100, Add	*0.37*	
		For >100 To 200, Add	*0.20*	
		For >200 To 500, Add	*0.08*	
03 21 11 00-0198	LF	#4, Grade 40, Walls, Steel Reinforcement Bar	0.90	
		For Up To 100, Add	*0.65*	
		For >100 To 200, Add	*0.35*	
		For >200 To 500, Add	*0.14*	
03 21 11 00-0199	LF	#5, Grade 40, Walls, Steel Reinforcement Bar	1.35	
		For Up To 100, Add	*1.00*	
		For >100 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.21*	
03 21 11 00-0200	LF	#6, Grade 40, Walls, Steel Reinforcement Bar	1.88	
		For Up To 100, Add	*1.41*	
		For >100 To 200, Add	*0.75*	
		For >200 To 500, Add	*0.30*	
03 21 11 00-0201	LF	#3, Grade 50, Walls, Steel Reinforcement Bar	0.54	
		For Up To 100, Add	*0.39*	
		For >100 To 200, Add	*0.21*	
		For >200 To 500, Add	*0.08*	
03 21 11 00-0202	LF	#4, Grade 50, Walls, Steel Reinforcement Bar	0.92	
		For Up To 100, Add	*0.67*	
		For >100 To 200, Add	*0.36*	
		For >200 To 500, Add	*0.14*	
03 21 11 00-0203	LF	#5, Grade 50, Walls, Steel Reinforcement Bar	1.39	
		For Up To 100, Add	*1.04*	
		For >100 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.22*	
03 21 11 00-0204	LF	#6, Grade 50, Walls, Steel Reinforcement Bar	1.93	
		For Up To 100, Add	*1.46*	
		For >100 To 200, Add	*0.77*	
		For >200 To 500, Add	*0.31*	
03 21 11 00-0205	LF	#3, Grade 60, Walls, Steel Reinforcement Bar	0.56	
		For Up To 100, Add	*0.41*	
		For >100 To 200, Add	*0.22*	
		For >200 To 500, Add	*0.09*	
03 21 11 00-0206	LF	#4, Grade 60, Walls, Steel Reinforcement Bar	0.96	
		For Up To 100, Add	*0.71*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 11 00-0207	LF	#5, Grade 60, Walls, Steel Reinforcement Bar	1.45	
		For Up To 100, Add	*1.10*	
		For >100 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.23*	
03 21 11 00-0208	LF	#6, Grade 60, Walls, Steel Reinforcement Bar	2.02	
		For Up To 100, Add	*1.55*	
		For >100 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
03 21 11 00-0209	LF	#7, Grade 60, Walls, Steel Reinforcement Bar	2.64	
		For Up To 100, Add	*1.60*	
		For >100 To 200, Add	*0.91*	
		For >200 To 400, Add	*0.43*	
03 21 11 00-0210	LF	#8, Grade 60, Walls, Steel Reinforcement Bar	3.34	
		For Up To 100, Add	*2.05*	
		For >100 To 200, Add	*1.17*	
		For >200 To 400, Add	*0.55*	
03 21 11 00-0211	LF	#9, Grade 60, Walls, Steel Reinforcement Bar	4.15	
		For Up To 100, Add	*2.57*	
		For >100 To 200, Add	*1.46*	
		For >200 To 400, Add	*0.70*	
03 21 11 00-0212	LF	#10, Grade 60, Walls, Steel Reinforcement Bar	5.10	
		For Up To 100, Add	*2.59*	
		For >100 To 200, Add	*1.37*	
		For >200 To 300, Add	*0.69*	
03 21 11 00-0213	LF	#11, Grade 60, Walls, Steel Reinforcement Bar	6.12	
		For Up To 100, Add	*3.15*	
		For >100 To 200, Add	*1.66*	
		For >200 To 300, Add	*0.83*	
03 21 11 00-0214	LF	#14, Grade 60, Walls, Steel Reinforcement Bar	8.55	
		For Up To 100, Add	*4.45*	
		For >100 To 200, Add	*2.34*	
		For >200 To 300, Add	*1.17*	
03 21 11 00-0215	LF	#18, Grade 60, Walls, Steel Reinforcement Bar	14.76	
		For Up To 100, Add	*7.79*	
		For >100 To 200, Add	*4.07*	
		For >200 To 300, Add	*2.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0216	LF	#6, Grade 75, Walls, Steel Reinforcement Bar	2.10	
		For Up To 100, Add	*1.63*	
		For >100 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.34*	
03 21 11 00-0217	LF	#7, Grade 75, Walls, Steel Reinforcement Bar	2.75	
		For Up To 100, Add	*1.68*	
		For >100 To 200, Add	*0.96*	
		For >200 To 400, Add	*0.45*	
03 21 11 00-0218	LF	#8, Grade 75, Walls, Steel Reinforcement Bar	3.48	
		For Up To 100, Add	*2.15*	
		For >100 To 200, Add	*1.22*	
		For >200 To 400, Add	*0.58*	
03 21 11 00-0219	LF	#9, Grade 75, Walls, Steel Reinforcement Bar	4.33	
		For Up To 100, Add	*2.71*	
		For >100 To 200, Add	*1.53*	
		For >200 To 400, Add	*0.73*	
03 21 11 00-0220	LF	#10, Grade 75, Walls, Steel Reinforcement Bar	5.34	
		For Up To 100, Add	*2.74*	
		For >100 To 200, Add	*1.45*	
		For >200 To 300, Add	*0.72*	
03 21 11 00-0221	LF	#11, Grade 75, Walls, Steel Reinforcement Bar	6.41	
		For Up To 100, Add	*3.32*	
		For >100 To 200, Add	*1.75*	
		For >200 To 300, Add	*0.87*	
03 21 11 00-0222	LF	#14, Grade 75, Walls, Steel Reinforcement Bar	8.97	
		For Up To 100, Add	*4.70*	
		For >100 To 200, Add	*2.47*	
		For >200 To 300, Add	*1.23*	
03 21 11 00-0223	LF	#18, Grade 75, Walls, Steel Reinforcement Bar	15.50	
		For Up To 100, Add	*8.23*	
		For >100 To 200, Add	*4.29*	
		For >200 To 300, Add	*2.15*	
03 21 11 00-0224	LF	#3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.57	
		For Up To 100, Add	*0.42*	
		For >100 To 200, Add	*0.22*	
		For >200 To 500, Add	*0.09*	
03 21 11 00-0225	LF	#4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.99	
		For Up To 100, Add	*0.74*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.16*	
03 21 11 00-0226	LF	#5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.49	
		For Up To 100, Add	*1.14*	
		For >100 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.24*	
03 21 11 00-0227	LF	#6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.08	
		For Up To 100, Add	*1.61*	
		For >100 To 200, Add	*0.85*	
		For >200 To 500, Add	*0.34*	
03 21 11 00-0228	LF	#7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.73	
		For Up To 100, Add	*1.66*	
		For >100 To 200, Add	*0.95*	
		For >200 To 400, Add	*0.45*	
03 21 11 00-0229	LF	#8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	3.45	
		For Up To 100, Add	*2.13*	
		For >100 To 200, Add	*1.21*	
		For >200 To 400, Add	*0.58*	
03 21 11 00-0230	LF	#9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	4.29	
		For Up To 100, Add	*2.68*	
		For >100 To 200, Add	*1.51*	
		For >200 To 400, Add	*0.72*	
03 21 11 00-0231	LF	#10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	5.28	
		For Up To 100, Add	*2.70*	
		For >100 To 200, Add	*1.43*	
		For >200 To 300, Add	*0.71*	
03 21 11 00-0232	LF	#11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	6.34	
		For Up To 100, Add	*3.28*	
		For >100 To 200, Add	*1.73*	
		For >200 To 300, Add	*0.86*	
03 21 11 00-0233	LF	#14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	8.87	
		For Up To 100, Add	*4.64*	
		For >100 To 200, Add	*2.44*	
		For >200 To 300, Add	*1.22*	
03 21 11 00-0234	LF	#18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	15.32	
		For Up To 100, Add	*8.12*	
		For >100 To 200, Add	*4.24*	
		For >200 To 300, Add	*2.12*	

03 21 11 00-0235 Mechanical Joint Connection *(03 21 11)*

03 21 11 00-0236 Thermal Type Mechanical Joint Connection *(03 21 11 00-0235)*

03 21 11 00-0237	EA	Thermal Type Mechanical Joint Connection, Add Per Splice	222.55

03 21 11 00-0238 Screwed Type Mechanical Joint Connection *(03 21 11 00-0235)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0239	EA	Screwed Type Mechanical Joint Connection, Add Per Splice	121.66	
03 21 11 00-0240		**Deformed Straight Dowels** *(03 21 11)*		
		Note: Excludes drilling. See CSI section 02 41 19 13-0279 for drilling in concrete.		
03 21 11 00-0241	EA	3/8" Diameter x 24" Long, Deformed Straight Dowel	2.64	
		For Up To 12" Length, Deduct	*-0.35*	
		For >12" To <24" Length, Deduct	*-0.18*	
03 21 11 00-0242	EA	1/2" Diameter x 24" Long, Deformed Straight Dowel	3.18	
		For Up To 12" Length, Deduct	*-0.46*	
		For >12" To <24" Length, Deduct	*-0.23*	
03 21 11 00-0243	EA	5/8" Diameter x 24" Long, Deformed Straight Dowel	3.94	
		For Up To 12" Length, Deduct	*-0.73*	
		For >12" To <24" Length, Deduct	*-0.36*	
03 21 11 00-0244	EA	3/4" Diameter x 24" Long, Deformed Straight Dowel	4.87	
		For Up To 12" Length, Deduct	*-1.05*	
		For >12" To <24" Length, Deduct	*-0.53*	
03 21 11 00-0245	EA	7/8" Diameter x 24" Long, Deformed Straight Dowel	5.83	
		For Up To 12" Length, Deduct	*-1.46*	
		For >12" To <24" Length, Deduct	*-0.73*	
03 21 11 00-0246	EA	1" Diameter x 24" Long, Deformed Straight Dowel	7.38	
		For Up To 12" Length, Deduct	*-1.88*	
		For >12" To <24" Length, Deduct	*-0.94*	
03 21 11 00-0247	EA	1-1/8" Diameter x 24" Long, Deformed Straight Dowel	8.73	
		For Up To 12" Length, Deduct	*-2.32*	
		For >12" To <24" Length, Deduct	*-1.16*	
03 21 11 00-0248	EA	1-1/4" Diameter x 24" Long, Deformed Straight Dowel	10.78	
		For Up To 12" Length, Deduct	*-3.03*	
		For >12" To <24" Length, Deduct	*-1.51*	
03 21 11 00-0249	EA	1-3/8" Diameter x 24" Long, Deformed Straight Dowel	12.87	
		For Up To 12" Length, Deduct	*-3.74*	
		For >12" To <24" Length, Deduct	*-1.87*	
03 21 11 00-0250		**Spirals, Reinforcing Steel** *(03 21 11)*		
03 21 11 00-0251	TON	Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel	3,494.32	
		For Grade 75, Add	*138.00*	
03 21 11 00-0252	TON	>15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel	3,454.61	
		For Grade 75, Add	*138.00*	
03 21 11 00-0253	TON	>24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel	3,424.33	
		For Grade 75, Add	*138.00*	
03 21 11 00-0254	TON	>36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel	3,374.80	
		For Grade 75, Add	*138.00*	
03 21 11 00-0255	TON	>48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel	3,307.82	
		For Grade 75, Add	*138.00*	
03 21 11 00-0256	TON	>64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel	3,286.84	
		For Grade 75, Add	*141.39*	
03 21 11 00-0257	TON	>84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel	3,230.77	
		For Grade 75, Add	*141.39*	
03 21 11 00-0258		**Dowel Or Hairpin, Drilled And Epoxy Into Concrete** *(03 21 11)*		
03 21 11 00-0259	EA	Dowels Or Hairpin, 1/2" x 30" Length, Drilled And Epoxy In Concrete, 6" Embedment	24.58	
03 21 11 00-0260	EA	Dowels Or Hairpin, 1/2" x 36" Length, Drilled And Epoxy In Concrete, >6" To 12" Embedment	25.75	
03 21 11 00-0261		**Accessories For Reinforcing Steel** *(03 21 11)*		
03 21 11 00-0262		**Reinforcing Steel Lap-Weld Splice** *(03 21 11 00-0261)*		
03 21 11 00-0263	EA	Up To #6 Reinforcing Steel Lap-Weld Splice	58.60	
03 21 11 00-0264	EA	>#6 Reinforcing Steel Lap-Weld Splice	93.32	
03 21 11 00-0265		**Reinforcing Steel Sleeve And Wedge Splice Joint** *(03 21 11 00-0261)*		
03 21 11 00-0266	EA	Up To #4 Reinforcing Steel, Sleeve And Wedge Splice Joint	31.85	
03 21 11 00-0267	EA	#5 Reinforcing Steel, Sleeve And Wedge Splice Joint	48.46	
03 21 11 00-0268	EA	#6 Reinforcing Steel, Sleeve And Wedge Splice Joint	72.11	
03 21 13		**Galvanized Reinforcement Steel Bars** *(03 21)*		
03 21 13 00-0001		**Beams And Girders, Galvanized Steel Reinforcement Bar** *(03 21 13)*		
		Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0002	LF	#3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	0.81	
		For Up To 100, Add	*0.58*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 13 00-0003	LF	#4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.37	
		For Up To 100, Add	*0.99*	
		For >100 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0004	LF	#5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	2.06	
		For Up To 100, Add	*1.51*	
		For >100 To 200, Add	*0.80*	
		For >200 To 500, Add	*0.32*	
03 21 13 00-0005	LF	#6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	2.87	
		For Up To 100, Add	*2.14*	
		For >100 To 200, Add	*1.13*	
		For >200 To 500, Add	*0.45*	
03 21 13 00-0006	LF	#3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	0.82	
		For Up To 100, Add	*0.59*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.13*	
03 21 13 00-0007	LF	#4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	1.39	
		For Up To 100, Add	*1.01*	
		For >100 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.22*	
03 21 13 00-0008	LF	#5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	2.10	
		For Up To 100, Add	*1.55*	
		For >100 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
03 21 13 00-0009	LF	#6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	2.92	
		For Up To 100, Add	*2.19*	
		For >100 To 200, Add	*1.16*	
		For >200 To 500, Add	*0.46*	
03 21 13 00-0010	LF	#3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	0.84	
		For Up To 100, Add	*0.61*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 13 00-0011	LF	#4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.43	
		For Up To 100, Add	*1.05*	
		For >100 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
03 21 13 00-0012	LF	#5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	2.16	
		For Up To 100, Add	*1.61*	
		For >100 To 200, Add	*0.85*	
		For >200 To 500, Add	*0.34*	
03 21 13 00-0013	LF	#6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	3.01	
		For Up To 100, Add	*2.28*	
		For >100 To 200, Add	*1.20*	
		For >200 To 500, Add	*0.48*	
03 21 13 00-0014	LF	#7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	3.95	
		For Up To 100, Add	*2.36*	
		For >100 To 200, Add	*1.36*	
		For >200 To 400, Add	*0.64*	
03 21 13 00-0015	LF	#8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	4.96	
		For Up To 100, Add	*3.02*	
		For >100 To 200, Add	*1.72*	
		For >200 To 400, Add	*0.82*	
03 21 13 00-0016	LF	#9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	6.13	
		For Up To 100, Add	*3.77*	
		For >100 To 200, Add	*2.14*	
		For >200 To 400, Add	*1.02*	
03 21 13 00-0017	LF	#10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	7.54	
		For Up To 100, Add	*3.81*	
		For >100 To 200, Add	*2.02*	
		For >200 To 300, Add	*1.01*	
03 21 13 00-0018	LF	#11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	9.04	
		For Up To 100, Add	*4.62*	
		For >100 To 200, Add	*2.44*	
		For >200 To 300, Add	*1.22*	
03 21 13 00-0019	LF	#14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	12.63	
		For Up To 100, Add	*6.54*	
		For >100 To 200, Add	*3.44*	
		For >200 To 300, Add	*1.72*	
03 21 13 00-0020	LF	#18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	21.77	
		For Up To 100, Add	*11.42*	
		For >100 To 200, Add	*5.98*	
		For >200 To 300, Add	*2.99*	
03 21 13 00-0021	LF	#6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	3.09	
		For Up To 100, Add	*2.36*	
		For >100 To 200, Add	*1.24*	
		For >200 To 500, Add	*0.50*	
03 21 13 00-0022	LF	#7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	4.06	
		For Up To 100, Add	*2.45*	
		For >100 To 200, Add	*1.40*	
		For >200 To 400, Add	*0.66*	
03 21 13 00-0023	LF	#8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	5.10	
		For Up To 100, Add	*3.12*	
		For >100 To 200, Add	*1.78*	
		For >200 To 400, Add	*0.84*	
03 21 13 00-0024	LF	#9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	6.31	
		For Up To 100, Add	*3.91*	
		For >100 To 200, Add	*2.22*	
		For >200 To 400, Add	*1.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0025	LF	#10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	7.77	
		For Up To 100, Add	*3.95*	
		For >100 To 200, Add	*2.09*	
		For >200 To 300, Add	*1.05*	
03 21 13 00-0026	LF	#11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	9.33	
		For Up To 100, Add	*4.79*	
		For >100 To 200, Add	*2.53*	
		For >200 To 300, Add	*1.27*	
03 21 13 00-0027	LF	#14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	13.04	
		For Up To 100, Add	*6.78*	
		For >100 To 200, Add	*3.57*	
		For >200 To 300, Add	*1.78*	
03 21 13 00-0028	LF	#18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	22.51	
		For Up To 100, Add	*11.86*	
		For >100 To 200, Add	*6.20*	
		For >200 To 300, Add	*3.10*	

03 21 13 00-0029 Columns, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0030	LF	#3, Grade 40, Columns, Galvanized Steel Reinforcement Bar	0.84	
		For Up To 100, Add	*0.59*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 13 00-0031	LF	#4, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.44	
		For Up To 100, Add	*1.02*	
		For >100 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.22*	
03 21 13 00-0032	LF	#5, Grade 40, Columns, Galvanized Steel Reinforcement Bar	2.15	
		For Up To 100, Add	*1.55*	
		For >100 To 200, Add	*0.83*	
		For >200 To 500, Add	*0.33*	
03 21 13 00-0033	LF	#6, Grade 40, Columns, Galvanized Steel Reinforcement Bar	3.00	
		For Up To 100, Add	*2.20*	
		For >100 To 200, Add	*1.17*	
		For >200 To 500, Add	*0.47*	
03 21 13 00-0034	LF	#3, Grade 50, Columns, Galvanized Steel Reinforcement Bar	0.85	
		For Up To 100, Add	*0.60*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 13 00-0035	LF	#4, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.46	
		For Up To 100, Add	*1.04*	
		For >100 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
03 21 13 00-0036	LF	#5, Grade 50, Columns, Galvanized Steel Reinforcement Bar	2.19	
		For Up To 100, Add	*1.59*	
		For >100 To 200, Add	*0.85*	
		For >200 To 500, Add	*0.34*	
03 21 13 00-0037	LF	#6, Grade 50, Columns, Galvanized Steel Reinforcement Bar	3.05	
		For Up To 100, Add	*2.25*	
		For >100 To 200, Add	*1.19*	
		For >200 To 500, Add	*0.48*	
03 21 13 00-0038	LF	#3, Grade 60, Columns, Galvanized Steel Reinforcement Bar	0.87	
		For Up To 100, Add	*0.62*	
		For >100 To 200, Add	*0.33*	
		For >200 To 500, Add	*0.13*	
03 21 13 00-0039	LF	#4, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.50	
		For Up To 100, Add	*1.08*	
		For >100 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.23*	
03 21 13 00-0040	LF	#5, Grade 60, Columns, Galvanized Steel Reinforcement Bar	2.25	
		For Up To 100, Add	*1.65*	
		For >100 To 200, Add	*0.88*	
		For >200 To 500, Add	*0.35*	
03 21 13 00-0041	LF	#6, Grade 60, Columns, Galvanized Steel Reinforcement Bar	3.14	
		For Up To 100, Add	*2.34*	
		For >100 To 200, Add	*1.24*	
		For >200 To 500, Add	*0.49*	
03 21 13 00-0042	LF	#7, Grade 60, Columns, Galvanized Steel Reinforcement Bar	4.10	
		For Up To 100, Add	*2.42*	
		For >100 To 200, Add	*1.39*	
		For >200 To 400, Add	*0.66*	
03 21 13 00-0043	LF	#8, Grade 60, Columns, Galvanized Steel Reinforcement Bar	5.13	
		For Up To 100, Add	*3.08*	
		For >100 To 200, Add	*1.76*	
		For >200 To 400, Add	*0.83*	
03 21 13 00-0044	LF	#9, Grade 60, Columns, Galvanized Steel Reinforcement Bar	6.33	
		For Up To 100, Add	*3.84*	
		For >100 To 200, Add	*2.19*	
		For >200 To 400, Add	*1.04*	
03 21 13 00-0045	LF	#10, Grade 60, Columns, Galvanized Steel Reinforcement Bar	7.77	
		For Up To 100, Add	*3.88*	
		For >100 To 200, Add	*2.07*	
		For >200 To 300, Add	*1.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0046	LF	#11, Grade 60, Columns, Galvanized Steel Reinforcement Bar	9.30	
		For Up To 100, Add	*4.70*	
		For >100 To 200, Add	*2.50*	
		For >200 To 300, Add	*1.25*	
03 21 13 00-0047	LF	#14, Grade 60, Columns, Galvanized Steel Reinforcement Bar	12.99	
		For Up To 100, Add	*6.65*	
		For >100 To 200, Add	*3.51*	
		For >200 To 300, Add	*1.76*	
03 21 13 00-0048	LF	#18, Grade 60, Columns, Galvanized Steel Reinforcement Bar	22.32	
		For Up To 100, Add	*11.58*	
		For >100 To 200, Add	*6.09*	
		For >200 To 300, Add	*3.05*	
03 21 13 00-0049	LF	#6, Grade 75, Columns, Galvanized Steel Reinforcement Bar	3.22	
		For Up To 100, Add	*2.42*	
		For >100 To 200, Add	*1.28*	
		For >200 To 500, Add	*0.51*	
03 21 13 00-0050	LF	#7, Grade 75, Columns, Galvanized Steel Reinforcement Bar	4.21	
		For Up To 100, Add	*2.50*	
		For >100 To 200, Add	*1.44*	
		For >200 To 400, Add	*0.68*	
03 21 13 00-0051	LF	#8, Grade 75, Columns, Galvanized Steel Reinforcement Bar	5.27	
		For Up To 100, Add	*3.18*	
		For >100 To 200, Add	*1.82*	
		For >200 To 400, Add	*0.86*	
03 21 13 00-0052	LF	#9, Grade 75, Columns, Galvanized Steel Reinforcement Bar	6.51	
		For Up To 100, Add	*3.98*	
		For >100 To 200, Add	*2.27*	
		For >200 To 400, Add	*1.08*	
03 21 13 00-0053	LF	#10, Grade 75, Columns, Galvanized Steel Reinforcement Bar	8.00	
		For Up To 100, Add	*4.01*	
		For >100 To 200, Add	*2.14*	
		For >200 To 300, Add	*1.07*	
03 21 13 00-0054	LF	#11, Grade 75, Columns, Galvanized Steel Reinforcement Bar	9.59	
		For Up To 100, Add	*4.87*	
		For >100 To 200, Add	*2.58*	
		For >200 To 300, Add	*1.29*	
03 21 13 00-0055	LF	#14, Grade 75, Columns, Galvanized Steel Reinforcement Bar	13.40	
		For Up To 100, Add	*6.89*	
		For >100 To 200, Add	*3.64*	
		For >200 To 300, Add	*1.82*	
03 21 13 00-0056	LF	#18, Grade 75, Columns, Galvanized Steel Reinforcement Bar	23.06	
		For Up To 100, Add	*12.02*	
		For >100 To 200, Add	*6.31*	
		For >200 To 300, Add	*3.16*	

03 21 13 00-0057 Footings, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0058	LF	#3, Grade 40, Footings, Galvanized Steel Reinforcement Bar	0.75	
		For Up To 100, Add	*0.55*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.12*	
03 21 13 00-0059	LF	#4, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.28	
		For Up To 100, Add	*0.96*	
		For >100 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.20*	
03 21 13 00-0060	LF	#5, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.93	
		For Up To 100, Add	*1.46*	
		For >100 To 200, Add	*0.77*	
		For >200 To 500, Add	*0.31*	
03 21 13 00-0061	LF	#6, Grade 40, Footings, Galvanized Steel Reinforcement Bar	2.69	
		For Up To 100, Add	*2.07*	
		For >100 To 200, Add	*1.09*	
		For >200 To 500, Add	*0.44*	
03 21 13 00-0062	LF	#3, Grade 50, Footings, Galvanized Steel Reinforcement Bar	0.76	
		For Up To 100, Add	*0.56*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 13 00-0063	LF	#4, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.30	
		For Up To 100, Add	*0.98*	
		For >100 To 200, Add	*0.52*	
		For >200 To 500, Add	*0.21*	
03 21 13 00-0064	LF	#5, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.97	
		For Up To 100, Add	*1.50*	
		For >100 To 200, Add	*0.79*	
		For >200 To 500, Add	*0.32*	
03 21 13 00-0065	LF	#6, Grade 50, Footings, Galvanized Steel Reinforcement Bar	2.74	
		For Up To 100, Add	*2.12*	
		For >100 To 200, Add	*1.11*	
		For >200 To 500, Add	*0.45*	
03 21 13 00-0066	LF	#3, Grade 60, Footings, Galvanized Steel Reinforcement Bar	0.78	
		For Up To 100, Add	*0.58*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0067	LF	#4, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.34	
		For Up To 100, Add	*1.02*	
		For >100 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.21*	
03 21 13 00-0068	LF	#5, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.03	
		For Up To 100, Add	*1.56*	
		For >100 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
03 21 13 00-0069	LF	#6, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.83	
		For Up To 100, Add	*2.21*	
		For >100 To 200, Add	*1.16*	
		For >200 To 500, Add	*0.46*	
03 21 13 00-0070	LF	#7, Grade 60, Footings, Galvanized Steel Reinforcement Bar	3.73	
		For Up To 100, Add	*2.29*	
		For >100 To 200, Add	*1.30*	
		For >200 To 400, Add	*0.62*	
03 21 13 00-0071	LF	#8, Grade 60, Footings, Galvanized Steel Reinforcement Bar	4.70	
		For Up To 100, Add	*2.93*	
		For >100 To 200, Add	*1.66*	
		For >200 To 400, Add	*0.79*	
03 21 13 00-0072	LF	#9, Grade 60, Footings, Galvanized Steel Reinforcement Bar	5.82	
		For Up To 100, Add	*3.67*	
		For >100 To 200, Add	*2.07*	
		For >200 To 400, Add	*0.99*	
03 21 13 00-0073	LF	#10, Grade 60, Footings, Galvanized Steel Reinforcement Bar	7.18	
		For Up To 100, Add	*3.70*	
		For >100 To 200, Add	*1.95*	
		For >200 To 300, Add	*0.98*	
03 21 13 00-0074	LF	#11, Grade 60, Footings, Galvanized Steel Reinforcement Bar	8.64	
		For Up To 100, Add	*4.50*	
		For >100 To 200, Add	*2.36*	
		For >200 To 300, Add	*1.18*	
03 21 13 00-0075	LF	#14, Grade 60, Footings, Galvanized Steel Reinforcement Bar	12.11	
		For Up To 100, Add	*6.38*	
		For >100 To 200, Add	*3.34*	
		For >200 To 300, Add	*1.67*	
03 21 13 00-0076	LF	#18, Grade 60, Footings, Galvanized Steel Reinforcement Bar	20.94	
		For Up To 100, Add	*11.17*	
		For >100 To 200, Add	*5.82*	
		For >200 To 300, Add	*2.91*	
03 21 13 00-0077	LF	#6, Grade 75, Footings, Galvanized Steel Reinforcement Bar	2.91	
		For Up To 100, Add	*2.29*	
		For >100 To 200, Add	*1.20*	
		For >200 To 500, Add	*0.48*	
03 21 13 00-0078	LF	#7, Grade 75, Footings, Galvanized Steel Reinforcement Bar	3.84	
		For Up To 100, Add	*2.37*	
		For >100 To 200, Add	*1.34*	
		For >200 To 400, Add	*0.64*	
03 21 13 00-0079	LF	#8, Grade 75, Footings, Galvanized Steel Reinforcement Bar	4.84	
		For Up To 100, Add	*3.03*	
		For >100 To 200, Add	*1.71*	
		For >200 To 400, Add	*0.82*	
03 21 13 00-0080	LF	#9, Grade 75, Footings, Galvanized Steel Reinforcement Bar	6.00	
		For Up To 100, Add	*3.80*	
		For >100 To 200, Add	*2.14*	
		For >200 To 400, Add	*1.03*	
03 21 13 00-0081	LF	#10, Grade 75, Footings, Galvanized Steel Reinforcement Bar	7.41	
		For Up To 100, Add	*3.84*	
		For >100 To 200, Add	*2.02*	
		For >200 To 300, Add	*1.01*	
03 21 13 00-0082	LF	#11, Grade 75, Footings, Galvanized Steel Reinforcement Bar	8.93	
		For Up To 100, Add	*4.67*	
		For >100 To 200, Add	*2.45*	
		For >200 To 300, Add	*1.23*	
03 21 13 00-0083	LF	#14, Grade 75, Footings, Galvanized Steel Reinforcement Bar	12.52	
		For Up To 100, Add	*6.63*	
		For >100 To 200, Add	*3.46*	
		For >200 To 300, Add	*1.73*	
03 21 13 00-0084	LF	#18, Grade 75, Footings, Galvanized Steel Reinforcement Bar	21.68	
		For Up To 100, Add	*11.61*	
		For >100 To 200, Add	*6.04*	
		For >200 To 300, Add	*3.02*	

03 21 13 00-0085 Slab On Grade, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0086	LF	#3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.73	
		For Up To 100, Add	*0.54*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.12*	
03 21 13 00-0087	LF	#4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.25	
		For Up To 100, Add	*0.94*	
		For >100 To 200, Add	*0.50*	
		For >200 To 500, Add	*0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0088	LF	#5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.88	
		For Up To 100, Add	*1.44*	
		For >100 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.30*	
03 21 13 00-0089	LF	#6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	2.62	
		For Up To 100, Add	*2.04*	
		For >100 To 200, Add	*1.07*	
		For >200 To 500, Add	*0.43*	
03 21 13 00-0090	LF	#3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	0.74	
		For Up To 100, Add	*0.55*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.12*	
03 21 13 00-0091	LF	#4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.27	
		For Up To 100, Add	*0.96*	
		For >100 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.20*	
03 21 13 00-0092	LF	#5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.92	
		For Up To 100, Add	*1.48*	
		For >100 To 200, Add	*0.78*	
		For >200 To 500, Add	*0.31*	
03 21 13 00-0093	LF	#6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	2.67	
		For Up To 100, Add	*2.09*	
		For >100 To 200, Add	*1.10*	
		For >200 To 500, Add	*0.44*	
03 21 13 00-0094	LF	#3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	0.76	
		For Up To 100, Add	*0.57*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 13 00-0095	LF	#4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.31	
		For Up To 100, Add	*1.00*	
		For >100 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.21*	
03 21 13 00-0096	LF	#5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.98	
		For Up To 100, Add	*1.54*	
		For >100 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.32*	
03 21 13 00-0097	LF	#6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	2.76	
		For Up To 100, Add	*2.18*	
		For >100 To 200, Add	*1.14*	
		For >200 To 500, Add	*0.46*	
03 21 13 00-0098	LF	#7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	3.66	
		For Up To 100, Add	*2.26*	
		For >100 To 200, Add	*1.28*	
		For >200 To 400, Add	*0.61*	
03 21 13 00-0099	LF	#8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	4.61	
		For Up To 100, Add	*2.89*	
		For >100 To 200, Add	*1.63*	
		For >200 To 400, Add	*0.78*	
03 21 13 00-0100	LF	#9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	5.72	
		For Up To 100, Add	*3.63*	
		For >100 To 200, Add	*2.04*	
		For >200 To 400, Add	*0.98*	
03 21 13 00-0101	LF	#10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	7.06	
		For Up To 100, Add	*3.66*	
		For >100 To 200, Add	*1.93*	
		For >200 To 300, Add	*0.96*	
03 21 13 00-0102	LF	#11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	8.51	
		For Up To 100, Add	*4.46*	
		For >100 To 200, Add	*2.34*	
		For >200 To 300, Add	*1.17*	
03 21 13 00-0103	LF	#14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	11.93	
		For Up To 100, Add	*6.33*	
		For >100 To 200, Add	*3.30*	
		For >200 To 300, Add	*1.65*	
03 21 13 00-0104	LF	#18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	20.67	
		For Up To 100, Add	*11.09*	
		For >100 To 200, Add	*5.76*	
		For >200 To 300, Add	*2.88*	
03 21 13 00-0105	LF	#6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	2.84	
		For Up To 100, Add	*2.26*	
		For >100 To 200, Add	*1.18*	
		For >200 To 500, Add	*0.47*	
03 21 13 00-0106	LF	#7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	3.77	
		For Up To 100, Add	*2.34*	
		For >100 To 200, Add	*1.33*	
		For >200 To 400, Add	*0.63*	
03 21 13 00-0107	LF	#8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	4.75	
		For Up To 100, Add	*3.00*	
		For >100 To 200, Add	*1.69*	
		For >200 To 400, Add	*0.81*	
03 21 13 00-0108	LF	#9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	5.90	
		For Up To 100, Add	*3.77*	
		For >100 To 200, Add	*2.11*	
		For >200 To 400, Add	*1.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0109	LF	#10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	7.29	
		For Up To 100, Add	*3.80*	
		For >100 To 200, Add	*2.00*	
		For >200 To 300, Add	*1.00*	
03 21 13 00-0110	LF	#11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	8.80	
		For Up To 100, Add	*4.64*	
		For >100 To 200, Add	*2.43*	
		For >200 To 300, Add	*1.21*	
03 21 13 00-0111	LF	#14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	12.34	
		For Up To 100, Add	*6.57*	
		For >100 To 200, Add	*3.43*	
		For >200 To 300, Add	*1.71*	
03 21 13 00-0112	LF	#18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	21.41	
		For Up To 100, Add	*11.53*	
		For >100 To 200, Add	*5.98*	
		For >200 To 300, Add	*2.99*	

03 21 13 00-0113 Elevated Slabs, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0114	LF	#3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.69	
		For Up To 100, Add	*0.53*	
		For >100 To 200, Add	*0.28*	
		For >200 To 500, Add	*0.11*	
03 21 13 00-0115	LF	#4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.18	
		For Up To 100, Add	*0.92*	
		For >100 To 200, Add	*0.48*	
		For >200 To 500, Add	*0.19*	
03 21 13 00-0116	LF	#5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.79	
		For Up To 100, Add	*1.41*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.29*	
03 21 13 00-0117	LF	#6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.50	
		For Up To 100, Add	*2.00*	
		For >100 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.42*	
03 21 13 00-0118	LF	#3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.70	
		For Up To 100, Add	*0.54*	
		For >100 To 200, Add	*0.28*	
		For >200 To 500, Add	*0.11*	
03 21 13 00-0119	LF	#4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.20	
		For Up To 100, Add	*0.94*	
		For >100 To 200, Add	*0.49*	
		For >200 To 500, Add	*0.20*	
03 21 13 00-0120	LF	#5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.83	
		For Up To 100, Add	*1.45*	
		For >100 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.30*	
03 21 13 00-0121	LF	#6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.55	
		For Up To 100, Add	*2.05*	
		For >100 To 200, Add	*1.07*	
		For >200 To 500, Add	*0.43*	
03 21 13 00-0122	LF	#3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.72	
		For Up To 100, Add	*0.56*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.12*	
03 21 13 00-0123	LF	#4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.24	
		For Up To 100, Add	*0.98*	
		For >100 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.20*	
03 21 13 00-0124	LF	#5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.89	
		For Up To 100, Add	*1.51*	
		For >100 To 200, Add	*0.79*	
		For >200 To 500, Add	*0.31*	
03 21 13 00-0125	LF	#6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.64	
		For Up To 100, Add	*2.14*	
		For >100 To 200, Add	*1.11*	
		For >200 To 500, Add	*0.44*	
03 21 13 00-0126	LF	#7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.50	
		For Up To 100, Add	*2.21*	
		For >100 To 200, Add	*1.24*	
		For >200 To 400, Add	*0.60*	
03 21 13 00-0127	LF	#8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.43	
		For Up To 100, Add	*2.83*	
		For >100 To 200, Add	*1.59*	
		For >200 To 400, Add	*0.76*	
03 21 13 00-0128	LF	#9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.52	
		For Up To 100, Add	*3.56*	
		For >100 To 200, Add	*1.99*	
		For >200 To 400, Add	*0.96*	
03 21 13 00-0129	LF	#10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	6.83	
		For Up To 100, Add	*3.59*	
		For >100 To 200, Add	*1.88*	
		For >200 To 300, Add	*0.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0130	LF	#11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	8.24	
		For Up To 100, Add	*4.38*	
		For >100 To 200, Add	*2.28*	
		For >200 To 300, Add	*1.14*	
03 21 13 00-0131	LF	#14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	11.59	
		For Up To 100, Add	*6.23*	
		For >100 To 200, Add	*3.23*	
		For >200 To 300, Add	*1.62*	
03 21 13 00-0132	LF	#18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	20.13	
		For Up To 100, Add	*10.92*	
		For >100 To 200, Add	*5.65*	
		For >200 To 300, Add	*2.83*	
03 21 13 00-0133	LF	#6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.72	
		For Up To 100, Add	*2.22*	
		For >100 To 200, Add	*1.15*	
		For >200 To 500, Add	*0.46*	
03 21 13 00-0134	LF	#7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.61	
		For Up To 100, Add	*2.29*	
		For >100 To 200, Add	*1.29*	
		For >200 To 400, Add	*0.62*	
03 21 13 00-0135	LF	#8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.57	
		For Up To 100, Add	*2.94*	
		For >100 To 200, Add	*1.64*	
		For >200 To 400, Add	*0.79*	
03 21 13 00-0136	LF	#9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.70	
		For Up To 100, Add	*3.70*	
		For >100 To 200, Add	*2.06*	
		For >200 To 400, Add	*1.00*	
03 21 13 00-0137	LF	#10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.06	
		For Up To 100, Add	*3.73*	
		For >100 To 200, Add	*1.95*	
		For >200 To 300, Add	*0.98*	
03 21 13 00-0138	LF	#11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	8.53	
		For Up To 100, Add	*4.55*	
		For >100 To 200, Add	*2.37*	
		For >200 To 300, Add	*1.19*	
03 21 13 00-0139	LF	#14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	12.00	
		For Up To 100, Add	*6.47*	
		For >100 To 200, Add	*3.36*	
		For >200 To 300, Add	*1.68*	
03 21 13 00-0140	LF	#18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	20.87	
		For Up To 100, Add	*11.37*	
		For >100 To 200, Add	*5.88*	
		For >200 To 300, Add	*2.94*	

03 21 13 00-0141 Walls, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0142	LF	#3, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.67	
		For Up To 100, Add	*0.52*	
		For >100 To 200, Add	*0.27*	
		For >200 To 500, Add	*0.11*	
03 21 13 00-0143	LF	#4, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.15	
		For Up To 100, Add	*0.90*	
		For >100 To 200, Add	*0.47*	
		For >200 To 500, Add	*0.19*	
03 21 13 00-0144	LF	#5, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.74	
		For Up To 100, Add	*1.39*	
		For >100 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.29*	
03 21 13 00-0145	LF	#6, Grade 40, Walls, Galvanized Steel Reinforcement Bar	2.44	
		For Up To 100, Add	*1.97*	
		For >100 To 200, Add	*1.03*	
		For >200 To 500, Add	*0.41*	
03 21 13 00-0146	LF	#3, Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.68	
		For Up To 100, Add	*0.53*	
		For >100 To 200, Add	*0.28*	
		For >200 To 500, Add	*0.11*	
03 21 13 00-0147	LF	#4, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.17	
		For Up To 100, Add	*0.92*	
		For >100 To 200, Add	*0.48*	
		For >200 To 500, Add	*0.19*	
03 21 13 00-0148	LF	#5, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.78	
		For Up To 100, Add	*1.43*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.30*	
03 21 13 00-0149	LF	#6, Grade 50, Walls, Galvanized Steel Reinforcement Bar	2.49	
		For Up To 100, Add	*2.02*	
		For >100 To 200, Add	*1.05*	
		For >200 To 500, Add	*0.42*	
03 21 13 00-0150	LF	#3, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.70	
		For Up To 100, Add	*0.55*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0151	LF	#4, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.21	
		For Up To 100, Add	*0.96*	
		For >100 To 200, Add	*0.50*	
		For >200 To 500, Add	*0.20*	
03 21 13 00-0152	LF	#5, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.84	
		For Up To 100, Add	*1.49*	
		For >100 To 200, Add	*0.77*	
		For >200 To 500, Add	*0.31*	
03 21 13 00-0153	LF	#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.58	
		For Up To 100, Add	*2.11*	
		For >100 To 200, Add	*1.10*	
		For >200 To 500, Add	*0.44*	
03 21 13 00-0154	LF	#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar	3.41	
		For Up To 100, Add	*2.17*	
		For >100 To 200, Add	*1.22*	
		For >200 To 400, Add	*0.59*	
03 21 13 00-0155	LF	#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar	4.34	
		For Up To 100, Add	*2.80*	
		For >100 To 200, Add	*1.57*	
		For >200 To 400, Add	*0.75*	
03 21 13 00-0156	LF	#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar	5.42	
		For Up To 100, Add	*3.53*	
		For >100 To 200, Add	*1.97*	
		For >200 To 400, Add	*0.95*	
03 21 13 00-0157	LF	#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar	6.71	
		For Up To 100, Add	*3.56*	
		For >100 To 200, Add	*1.86*	
		For >200 To 300, Add	*0.93*	
03 21 13 00-0158	LF	#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar	8.11	
		For Up To 100, Add	*4.34*	
		For >100 To 200, Add	*2.26*	
		For >200 To 300, Add	*1.13*	
03 21 13 00-0159	LF	#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar	11.42	
		For Up To 100, Add	*6.17*	
		For >100 To 200, Add	*3.20*	
		For >200 To 300, Add	*1.60*	
03 21 13 00-0160	LF	#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar	19.85	
		For Up To 100, Add	*10.84*	
		For >100 To 200, Add	*5.60*	
		For >200 To 300, Add	*2.80*	
03 21 13 00-0161	LF	#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar	2.66	
		For Up To 100, Add	*2.19*	
		For >100 To 200, Add	*1.14*	
		For >200 To 500, Add	*0.45*	
03 21 13 00-0162	LF	#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar	3.52	
		For Up To 100, Add	*2.26*	
		For >100 To 200, Add	*1.26*	
		For >200 To 400, Add	*0.61*	
03 21 13 00-0163	LF	#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar	4.48	
		For Up To 100, Add	*2.90*	
		For >100 To 200, Add	*1.62*	
		For >200 To 400, Add	*0.78*	
03 21 13 00-0164	LF	#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar	5.60	
		For Up To 100, Add	*3.66*	
		For >100 To 200, Add	*2.04*	
		For >200 To 400, Add	*0.99*	
03 21 13 00-0165	LF	#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar	6.94	
		For Up To 100, Add	*3.70*	
		For >100 To 200, Add	*1.93*	
		For >200 To 300, Add	*0.96*	
03 21 13 00-0166	LF	#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar	8.40	
		For Up To 100, Add	*4.52*	
		For >100 To 200, Add	*2.35*	
		For >200 To 300, Add	*1.17*	
03 21 13 00-0167	LF	#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar	11.83	
		For Up To 100, Add	*6.42*	
		For >100 To 200, Add	*3.32*	
		For >200 To 300, Add	*1.66*	
03 21 13 00-0168	LF	#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar	20.59	
		For Up To 100, Add	*11.28*	
		For >100 To 200, Add	*5.82*	
		For >200 To 300, Add	*2.91*	

03 21 16 Epoxy-Coated Reinforcement Steel Bars *(03 21)*

03 21 16 00-0001 Beams And Girders, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0002	LF	#3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.79	
		For Up To 100, Add	*0.56*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 16 00-0003	LF	#4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.34	
		For Up To 100, Add	*0.96*	
		For >100 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0004	LF	#5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.02	
		For Up To 100, Add	*1.47*	
		For >100 To 200, Add	*0.78*	
		For >200 To 500, Add	*0.31*	
03 21 16 00-0005	LF	#6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.81	
		For Up To 100, Add	*2.08*	
		For >100 To 200, Add	*1.10*	
		For >200 To 500, Add	*0.44*	
03 21 16 00-0006	LF	#3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.80	
		For Up To 100, Add	*0.57*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 16 00-0007	LF	#4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.37	
		For Up To 100, Add	*0.99*	
		For >100 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.21*	
03 21 16 00-0008	LF	#5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.06	
		For Up To 100, Add	*1.51*	
		For >100 To 200, Add	*0.80*	
		For >200 To 500, Add	*0.32*	
03 21 16 00-0009	LF	#6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.86	
		For Up To 100, Add	*2.13*	
		For >100 To 200, Add	*1.13*	
		For >200 To 500, Add	*0.45*	
03 21 16 00-0010	LF	#3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.82	
		For Up To 100, Add	*0.59*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.13*	
03 21 16 00-0011	LF	#4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.40	
		For Up To 100, Add	*1.02*	
		For >100 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.22*	
03 21 16 00-0012	LF	#5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.12	
		For Up To 100, Add	*1.57*	
		For >100 To 200, Add	*0.83*	
		For >200 To 500, Add	*0.33*	
03 21 16 00-0013	LF	#6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.95	
		For Up To 100, Add	*2.22*	
		For >100 To 200, Add	*1.17*	
		For >200 To 500, Add	*0.47*	
03 21 16 00-0014	LF	#7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.86	
		For Up To 100, Add	*2.30*	
		For >100 To 200, Add	*1.32*	
		For >200 To 400, Add	*0.62*	
03 21 16 00-0015	LF	#8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.85	
		For Up To 100, Add	*2.93*	
		For >100 To 200, Add	*1.68*	
		For >200 To 400, Add	*0.79*	
03 21 16 00-0016	LF	#9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.99	
		For Up To 100, Add	*3.67*	
		For >100 To 200, Add	*2.09*	
		For >200 To 400, Add	*0.99*	
03 21 16 00-0017	LF	#10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	7.36	
		For Up To 100, Add	*3.70*	
		For >100 To 200, Add	*1.97*	
		For >200 To 300, Add	*0.98*	
03 21 16 00-0018	LF	#11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	8.82	
		For Up To 100, Add	*4.49*	
		For >100 To 200, Add	*2.38*	
		For >200 To 300, Add	*1.19*	
03 21 16 00-0019	LF	#14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	12.31	
		For Up To 100, Add	*6.35*	
		For >100 To 200, Add	*3.35*	
		For >200 To 300, Add	*1.67*	
03 21 16 00-0020	LF	#18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	21.21	
		For Up To 100, Add	*11.08*	
		For >100 To 200, Add	*5.81*	
		For >200 To 300, Add	*2.91*	
03 21 16 00-0021	LF	#6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.03	
		For Up To 100, Add	*2.30*	
		For >100 To 200, Add	*1.21*	
		For >200 To 500, Add	*0.49*	
03 21 16 00-0022	LF	#7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.97	
		For Up To 100, Add	*2.38*	
		For >100 To 200, Add	*1.36*	
		For >200 To 400, Add	*0.64*	
03 21 16 00-0023	LF	#8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.99	
		For Up To 100, Add	*3.04*	
		For >100 To 200, Add	*1.73*	
		For >200 To 400, Add	*0.82*	
03 21 16 00-0024	LF	#9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.18	
		For Up To 100, Add	*3.81*	
		For >100 To 200, Add	*2.16*	
		For >200 To 400, Add	*1.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0025	LF	#10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	7.60	
		For Up To 100, Add	*3.84*	
		For >100 To 200, Add	*2.04*	
		For >200 To 300, Add	*1.02*	
03 21 16 00-0026	LF	#11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	9.11	
		For Up To 100, Add	*4.66*	
		For >100 To 200, Add	*2.47*	
		For >200 To 300, Add	*1.23*	
03 21 16 00-0027	LF	#14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	12.73	
		For Up To 100, Add	*6.60*	
		For >100 To 200, Add	*3.47*	
		For >200 To 300, Add	*1.74*	
03 21 16 00-0028	LF	#18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	21.96	
		For Up To 100, Add	*11.53*	
		For >100 To 200, Add	*6.04*	
		For >200 To 300, Add	*3.02*	

03 21 16 00-0029 Columns, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0030	LF	#3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	0.82	
		For Up To 100, Add	*0.57*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 16 00-0031	LF	#4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.41	
		For Up To 100, Add	*0.99*	
		For >100 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.21*	
03 21 16 00-0032	LF	#5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.11	
		For Up To 100, Add	*1.51*	
		For >100 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.32*	
03 21 16 00-0033	LF	#6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.94	
		For Up To 100, Add	*2.14*	
		For >100 To 200, Add	*1.14*	
		For >200 To 500, Add	*0.45*	
03 21 16 00-0034	LF	#3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	0.83	
		For Up To 100, Add	*0.58*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 16 00-0035	LF	#4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.44	
		For Up To 100, Add	*1.02*	
		For >100 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.22*	
03 21 16 00-0036	LF	#5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.15	
		For Up To 100, Add	*1.55*	
		For >100 To 200, Add	*0.83*	
		For >200 To 500, Add	*0.33*	
03 21 16 00-0037	LF	#6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.99	
		For Up To 100, Add	*2.19*	
		For >100 To 200, Add	*1.16*	
		For >200 To 500, Add	*0.46*	
03 21 16 00-0038	LF	#3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	0.85	
		For Up To 100, Add	*0.60*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 16 00-0039	LF	#4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.47	
		For Up To 100, Add	*1.05*	
		For >100 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
03 21 16 00-0040	LF	#5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	2.21	
		For Up To 100, Add	*1.61*	
		For >100 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.34*	
03 21 16 00-0041	LF	#6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	3.08	
		For Up To 100, Add	*2.28*	
		For >100 To 200, Add	*1.21*	
		For >200 To 500, Add	*0.48*	
03 21 16 00-0042	LF	#7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	4.01	
		For Up To 100, Add	*2.35*	
		For >100 To 200, Add	*1.36*	
		For >200 To 400, Add	*0.64*	
03 21 16 00-0043	LF	#8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	5.02	
		For Up To 100, Add	*2.99*	
		For >100 To 200, Add	*1.72*	
		For >200 To 400, Add	*0.81*	
03 21 16 00-0044	LF	#9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	6.19	
		For Up To 100, Add	*3.74*	
		For >100 To 200, Add	*2.14*	
		For >200 To 400, Add	*1.01*	
03 21 16 00-0045	LF	#10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	7.59	
		For Up To 100, Add	*3.77*	
		For >100 To 200, Add	*2.02*	
		For >200 To 300, Add	*1.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0046	LF	#11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	9.08	
		For Up To 100, Add	*4.57*	
		For >100 To 200, Add	*2.43*	
		For >200 To 300, Add	*1.22*	
03 21 16 00-0047	LF	#14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	12.67	
		For Up To 100, Add	*6.45*	
		For >100 To 200, Add	*3.42*	
		For >200 To 300, Add	*1.71*	
03 21 16 00-0048	LF	#18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	21.76	
		For Up To 100, Add	*11.24*	
		For >100 To 200, Add	*5.92*	
		For >200 To 300, Add	*2.96*	
03 21 16 00-0049	LF	#6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	3.16	
		For Up To 100, Add	*2.36*	
		For >100 To 200, Add	*1.25*	
		For >200 To 500, Add	*0.50*	
03 21 16 00-0050	LF	#7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	4.12	
		For Up To 100, Add	*2.43*	
		For >100 To 200, Add	*1.40*	
		For >200 To 400, Add	*0.66*	
03 21 16 00-0051	LF	#8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	5.16	
		For Up To 100, Add	*3.10*	
		For >100 To 200, Add	*1.77*	
		For >200 To 400, Add	*0.84*	
03 21 16 00-0052	LF	#9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	6.38	
		For Up To 100, Add	*3.88*	
		For >100 To 200, Add	*2.21*	
		For >200 To 400, Add	*1.05*	
03 21 16 00-0053	LF	#10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	7.83	
		For Up To 100, Add	*3.91*	
		For >100 To 200, Add	*2.09*	
		For >200 To 300, Add	*1.04*	
03 21 16 00-0054	LF	#11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	9.37	
		For Up To 100, Add	*4.74*	
		For >100 To 200, Add	*2.52*	
		For >200 To 300, Add	*1.26*	
03 21 16 00-0055	LF	#14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	13.09	
		For Up To 100, Add	*6.71*	
		For >100 To 200, Add	*3.54*	
		For >200 To 300, Add	*1.77*	
03 21 16 00-0056	LF	#18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	22.51	
		For Up To 100, Add	*11.69*	
		For >100 To 200, Add	*6.15*	
		For >200 To 300, Add	*3.07*	

03 21 16 00-0057 Footings, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0058	LF	#3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	0.73	
		For Up To 100, Add	*0.53*	
		For >100 To 200, Add	*0.28*	
		For >200 To 500, Add	*0.11*	
03 21 16 00-0059	LF	#4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	1.25	
		For Up To 100, Add	*0.93*	
		For >100 To 200, Add	*0.49*	
		For >200 To 500, Add	*0.20*	
03 21 16 00-0060	LF	#5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	1.89	
		For Up To 100, Add	*1.42*	
		For >100 To 200, Add	*0.75*	
		For >200 To 500, Add	*0.30*	
03 21 16 00-0061	LF	#6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	2.63	
		For Up To 100, Add	*2.01*	
		For >100 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.42*	
03 21 16 00-0062	LF	#3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	0.74	
		For Up To 100, Add	*0.54*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.12*	
03 21 16 00-0063	LF	#4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.28	
03 21 16 00-0064	LF	#5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.93	
		For Up To 100, Add	*1.46*	
		For >100 To 200, Add	*0.77*	
		For >200 To 500, Add	*0.31*	
03 21 16 00-0065	LF	#6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	2.68	
		For Up To 100, Add	*2.06*	
		For >100 To 200, Add	*1.08*	
		For >200 To 500, Add	*0.43*	
03 21 16 00-0066	LF	#3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	0.76	
		For Up To 100, Add	*0.56*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 16 00-0067	LF	#4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.31	
		For Up To 100, Add	*0.99*	
		For >100 To 200, Add	*0.52*	
		For >200 To 500, Add	*0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0068	LF	#5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.99	
		For Up To 100, Add	*1.52*	
		For >100 To 200, Add	*0.80*	
		For >200 To 500, Add	*0.32*	
03 21 16 00-0069	LF	#6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	2.77	
		For Up To 100, Add	*2.15*	
		For >100 To 200, Add	*1.13*	
		For >200 To 500, Add	*0.45*	
03 21 16 00-0070	LF	#7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	3.64	
		For Up To 100, Add	*2.22*	
		For >100 To 200, Add	*1.26*	
		For >200 To 400, Add	*0.60*	
03 21 16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	4.59	
		For Up To 100, Add	*2.84*	
		For >100 To 200, Add	*1.61*	
		For >200 To 400, Add	*0.77*	
03 21 16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	5.68	
		For Up To 100, Add	*3.56*	
		For >100 To 200, Add	*2.01*	
		For >200 To 400, Add	*0.96*	
03 21 16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	7.00	
		For Up To 100, Add	*3.59*	
		For >100 To 200, Add	*1.90*	
		For >200 To 300, Add	*0.95*	
03 21 16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	8.42	
		For Up To 100, Add	*4.37*	
		For >100 To 200, Add	*2.30*	
		For >200 To 300, Add	*1.15*	
03 21 16 00-0075	LF	#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	11.79	
		For Up To 100, Add	*6.19*	
		For >100 To 200, Add	*3.24*	
		For >200 To 300, Add	*1.62*	
03 21 16 00-0076	LF	#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	20.38	
		For Up To 100, Add	*10.83*	
		For >100 To 200, Add	*5.65*	
		For >200 To 300, Add	*2.82*	
03 21 16 00-0077	LF	#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	2.85	
		For Up To 100, Add	*2.23*	
		For >100 To 200, Add	*1.17*	
		For >200 To 500, Add	*0.47*	
03 21 16 00-0078	LF	#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	3.75	
		For Up To 100, Add	*2.30*	
		For >100 To 200, Add	*1.31*	
		For >200 To 400, Add	*0.62*	
03 21 16 00-0079	LF	#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	4.73	
		For Up To 100, Add	*2.95*	
		For >100 To 200, Add	*1.67*	
		For >200 To 400, Add	*0.80*	
03 21 16 00-0080	LF	#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	5.87	
		For Up To 100, Add	*3.70*	
		For >100 To 200, Add	*2.09*	
		For >200 To 400, Add	*1.00*	
03 21 16 00-0081	LF	#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	7.24	
		For Up To 100, Add	*3.74*	
		For >100 To 200, Add	*1.97*	
		For >200 To 300, Add	*0.98*	
03 21 16 00-0082	LF	#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	8.71	
		For Up To 100, Add	*4.54*	
		For >100 To 200, Add	*2.39*	
		For >200 To 300, Add	*1.19*	
03 21 16 00-0083	LF	#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	12.21	
		For Up To 100, Add	*6.44*	
		For >100 To 200, Add	*3.37*	
		For >200 To 300, Add	*1.68*	
03 21 16 00-0084	LF	#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	21.13	
		For Up To 100, Add	*11.28*	
		For >100 To 200, Add	*5.87*	
		For >200 To 300, Add	*2.94*	

03 21 16 00-0085 Slab On Grade, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0086	LF	#3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.71	
		For Up To 100, Add	*0.52*	
		For >100 To 200, Add	*0.28*	
		For >200 To 500, Add	*0.11*	
03 21 16 00-0087	LF	#4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.22	
		For Up To 100, Add	*0.91*	
		For >100 To 200, Add	*0.48*	
		For >200 To 500, Add	*0.19*	
03 21 16 00-0088	LF	#5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.84	
		For Up To 100, Add	*1.40*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0089	LF	#6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.56	
		For Up To 100, Add	*1.98*	
		For >100 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.42*	
03 21 16 00-0090	LF	#3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.72	
		For Up To 100, Add	*0.53*	
		For >100 To 200, Add	*0.28*	
		For >200 To 500, Add	*0.11*	
03 21 16 00-0091	LF	#4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.25	
		For Up To 100, Add	*0.94*	
		For >100 To 200, Add	*0.50*	
		For >200 To 500, Add	*0.20*	
03 21 16 00-0092	LF	#5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.88	
		For Up To 100, Add	*1.44*	
		For >100 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.30*	
03 21 16 00-0093	LF	#6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.61	
		For Up To 100, Add	*2.03*	
		For >100 To 200, Add	*1.07*	
		For >200 To 500, Add	*0.43*	
03 21 16 00-0094	LF	#3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.74	
		For Up To 100, Add	*0.55*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.12*	
03 21 16 00-0095	LF	#4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.28	
		For Up To 100, Add	*0.97*	
		For >100 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.21*	
03 21 16 00-0096	LF	#5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.94	
		For Up To 100, Add	*1.50*	
		For >100 To 200, Add	*0.79*	
		For >200 To 500, Add	*0.32*	
03 21 16 00-0097	LF	#6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.70	
		For Up To 100, Add	*2.12*	
		For >100 To 200, Add	*1.11*	
		For >200 To 500, Add	*0.44*	
03 21 16 00-0098	LF	#7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.57	
		For Up To 100, Add	*2.19*	
		For >100 To 200, Add	*1.25*	
		For >200 To 400, Add	*0.59*	
03 21 16 00-0099	LF	#8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.50	
		For Up To 100, Add	*2.81*	
		For >100 To 200, Add	*1.59*	
		For >200 To 400, Add	*0.76*	
03 21 16 00-0100	LF	#9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	5.58	
		For Up To 100, Add	*3.53*	
		For >100 To 200, Add	*1.98*	
		For >200 To 400, Add	*0.95*	
03 21 16 00-0101	LF	#10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	6.88	
		For Up To 100, Add	*3.56*	
		For >100 To 200, Add	*1.87*	
		For >200 To 300, Add	*0.94*	
03 21 16 00-0102	LF	#11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	8.29	
		For Up To 100, Add	*4.33*	
		For >100 To 200, Add	*2.27*	
		For >200 To 300, Add	*1.14*	
03 21 16 00-0103	LF	#14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	11.61	
		For Up To 100, Add	*6.14*	
		For >100 To 200, Add	*3.21*	
		For >200 To 300, Add	*1.60*	
03 21 16 00-0104	LF	#18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	20.11	
		For Up To 100, Add	*10.75*	
		For >100 To 200, Add	*5.59*	
		For >200 To 300, Add	*2.80*	
03 21 16 00-0105	LF	#6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.78	
		For Up To 100, Add	*2.20*	
		For >100 To 200, Add	*1.15*	
		For >200 To 500, Add	*0.46*	
03 21 16 00-0106	LF	#7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.68	
		For Up To 100, Add	*2.28*	
		For >100 To 200, Add	*1.29*	
		For >200 To 400, Add	*0.62*	
03 21 16 00-0107	LF	#8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.64	
		For Up To 100, Add	*2.92*	
		For >100 To 200, Add	*1.64*	
		For >200 To 400, Add	*0.79*	
03 21 16 00-0108	LF	#9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	5.77	
		For Up To 100, Add	*3.67*	
		For >100 To 200, Add	*2.06*	
		For >200 To 400, Add	*0.99*	
03 21 16 00-0109	LF	#10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	7.12	
		For Up To 100, Add	*3.70*	
		For >100 To 200, Add	*1.95*	
		For >200 To 300, Add	*0.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0110	LF	#11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	8.58	
		For Up To 100, Add	*4.50*	
		For >100 To 200, Add	*2.36*	
		For >200 To 300, Add	*1.18*	
03 21 16 00-0111	LF	#14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	12.03	
		For Up To 100, Add	*6.39*	
		For >100 To 200, Add	*3.33*	
		For >200 To 300, Add	*1.67*	
03 21 16 00-0112	LF	#18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	20.86	
		For Up To 100, Add	*11.20*	
		For >100 To 200, Add	*5.82*	
		For >200 To 300, Add	*2.91*	

03 21 16 00-0113 Elevated Slabs, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0114	LF	#3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.67	
		For Up To 100, Add	*0.51*	
		For >100 To 200, Add	*0.27*	
		For >200 To 500, Add	*0.11*	
03 21 16 00-0115	LF	#4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.15	
		For Up To 100, Add	*0.89*	
		For >100 To 200, Add	*0.47*	
		For >200 To 500, Add	*0.19*	
03 21 16 00-0116	LF	#5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.75	
		For Up To 100, Add	*1.37*	
		For >100 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.29*	
03 21 16 00-0117	LF	#6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.44	
		For Up To 100, Add	*1.94*	
		For >100 To 200, Add	*1.01*	
		For >200 To 500, Add	*0.40*	
03 21 16 00-0118	LF	#3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.68	
		For Up To 100, Add	*0.52*	
		For >100 To 200, Add	*0.27*	
		For >200 To 500, Add	*0.11*	
03 21 16 00-0119	LF	#4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.18	
		For Up To 100, Add	*0.92*	
		For >100 To 200, Add	*0.48*	
		For >200 To 500, Add	*0.19*	
03 21 16 00-0120	LF	#5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.79	
		For Up To 100, Add	*1.41*	
		For >100 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.29*	
03 21 16 00-0121	LF	#6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.49	
		For Up To 100, Add	*1.99*	
		For >100 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.41*	
03 21 16 00-0122	LF	#3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.70	
		For Up To 100, Add	*0.54*	
		For >100 To 200, Add	*0.28*	
		For >200 To 500, Add	*0.11*	
03 21 16 00-0123	LF	#4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.21	
		For Up To 100, Add	*0.95*	
		For >100 To 200, Add	*0.50*	
		For >200 To 500, Add	*0.20*	
03 21 16 00-0124	LF	#5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.85	
		For Up To 100, Add	*1.47*	
		For >100 To 200, Add	*0.77*	
		For >200 To 500, Add	*0.31*	
03 21 16 00-0125	LF	#6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.58	
		For Up To 100, Add	*2.08*	
		For >100 To 200, Add	*1.08*	
		For >200 To 500, Add	*0.43*	
03 21 16 00-0126	LF	#7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.41	
		For Up To 100, Add	*2.14*	
		For >100 To 200, Add	*1.21*	
		For >200 To 400, Add	*0.58*	
03 21 16 00-0127	LF	#8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.32	
		For Up To 100, Add	*2.75*	
		For >100 To 200, Add	*1.54*	
		For >200 To 400, Add	*0.74*	
03 21 16 00-0128	LF	#9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	5.38	
		For Up To 100, Add	*3.46*	
		For >100 To 200, Add	*1.93*	
		For >200 To 400, Add	*0.93*	
03 21 16 00-0129	LF	#10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	6.65	
		For Up To 100, Add	*3.49*	
		For >100 To 200, Add	*1.83*	
		For >200 To 300, Add	*0.91*	
03 21 16 00-0130	LF	#11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	8.02	
		For Up To 100, Add	*4.25*	
		For >100 To 200, Add	*2.22*	
		For >200 To 300, Add	*1.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0131	LF	#14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	11.27	
		For Up To 100, Add	*6.03*	
		For >100 To 200, Add	*3.14*	
		For >200 To 300, Add	*1.57*	
03 21 16 00-0132	LF	#18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	19.57	
		For Up To 100, Add	*10.59*	
		For >100 To 200, Add	*5.49*	
		For >200 To 300, Add	*2.74*	
03 21 16 00-0133	LF	#6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.66	
		For Up To 100, Add	*2.16*	
		For >100 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.45*	
03 21 16 00-0134	LF	#7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.52	
		For Up To 100, Add	*2.22*	
		For >100 To 200, Add	*1.25*	
		For >200 To 400, Add	*0.60*	
03 21 16 00-0135	LF	#8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.46	
		For Up To 100, Add	*2.85*	
		For >100 To 200, Add	*1.60*	
		For >200 To 400, Add	*0.77*	
03 21 16 00-0136	LF	#9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	5.57	
		For Up To 100, Add	*3.60*	
		For >100 To 200, Add	*2.01*	
		For >200 To 400, Add	*0.97*	
03 21 16 00-0137	LF	#10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	6.89	
		For Up To 100, Add	*3.63*	
		For >100 To 200, Add	*1.90*	
		For >200 To 300, Add	*0.95*	
03 21 16 00-0138	LF	#11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	8.31	
		For Up To 100, Add	*4.42*	
		For >100 To 200, Add	*2.31*	
		For >200 To 300, Add	*1.15*	
03 21 16 00-0139	LF	#14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	11.69	
		For Up To 100, Add	*6.29*	
		For >100 To 200, Add	*3.26*	
		For >200 To 300, Add	*1.63*	
03 21 16 00-0140	LF	#18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	20.32	
		For Up To 100, Add	*11.04*	
		For >100 To 200, Add	*5.71*	
		For >200 To 300, Add	*2.86*	

03 21 16 00-0141 Walls, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0142	LF	#3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	0.65	
		For Up To 100, Add	*0.50*	
		For >100 To 200, Add	*0.26*	
		For >200 To 500, Add	*0.11*	
03 21 16 00-0143	LF	#4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	1.12	
		For Up To 100, Add	*0.87*	
		For >100 To 200, Add	*0.46*	
		For >200 To 500, Add	*0.18*	
03 21 16 00-0144	LF	#5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	1.70	
		For Up To 100, Add	*1.35*	
		For >100 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
03 21 16 00-0145	LF	#6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	2.38	
		For Up To 100, Add	*1.91*	
		For >100 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.40*	
03 21 16 00-0146	LF	#3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	0.66	
		For Up To 100, Add	*0.51*	
		For >100 To 200, Add	*0.27*	
		For >200 To 500, Add	*0.11*	
03 21 16 00-0147	LF	#4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	1.15	
		For Up To 100, Add	*0.90*	
		For >100 To 200, Add	*0.47*	
		For >200 To 500, Add	*0.19*	
03 21 16 00-0148	LF	#5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	1.74	
		For Up To 100, Add	*1.39*	
		For >100 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.29*	
03 21 16 00-0149	LF	#6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	2.43	
		For Up To 100, Add	*1.96*	
		For >100 To 200, Add	*1.02*	
		For >200 To 500, Add	*0.41*	
03 21 16 00-0150	LF	#3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	0.68	
		For Up To 100, Add	*0.53*	
		For >100 To 200, Add	*0.28*	
		For >200 To 500, Add	*0.11*	
03 21 16 00-0151	LF	#4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	1.18	
		For Up To 100, Add	*0.93*	
		For >100 To 200, Add	*0.49*	
		For >200 To 500, Add	*0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0152	LF	#5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	1.80	
		For Up To 100, Add	*1.45*	
		For >100 To 200, Add	*0.75*	
		For >200 To 500, Add	*0.30*	
03 21 16 00-0153	LF	#6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	2.52	
		For Up To 100, Add	*2.05*	
		For >100 To 200, Add	*1.07*	
		For >200 To 500, Add	*0.43*	
03 21 16 00-0154	LF	#7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	3.32	
		For Up To 100, Add	*2.11*	
		For >100 To 200, Add	*1.18*	
		For >200 To 400, Add	*0.57*	
03 21 16 00-0155	LF	#8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	4.23	
		For Up To 100, Add	*2.72*	
		For >100 To 200, Add	*1.52*	
		For >200 To 400, Add	*0.73*	
03 21 16 00-0156	LF	#9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	5.28	
		For Up To 100, Add	*3.42*	
		For >100 To 200, Add	*1.91*	
		For >200 To 400, Add	*0.92*	
03 21 16 00-0157	LF	#10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	6.53	
		For Up To 100, Add	*3.45*	
		For >100 To 200, Add	*1.80*	
		For >200 To 300, Add	*0.90*	
03 21 16 00-0158	LF	#11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	7.89	
		For Up To 100, Add	*4.21*	
		For >100 To 200, Add	*2.19*	
		For >200 To 300, Add	*1.10*	
03 21 16 00-0159	LF	#14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	11.10	
		For Up To 100, Add	*5.98*	
		For >100 To 200, Add	*3.10*	
		For >200 To 300, Add	*1.55*	
03 21 16 00-0160	LF	#18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	19.29	
		For Up To 100, Add	*10.50*	
		For >100 To 200, Add	*5.43*	
		For >200 To 300, Add	*2.72*	
03 21 16 00-0161	LF	#6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	2.60	
		For Up To 100, Add	*2.13*	
		For >100 To 200, Add	*1.11*	
		For >200 To 500, Add	*0.44*	
03 21 16 00-0162	LF	#7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	3.43	
		For Up To 100, Add	*2.19*	
		For >100 To 200, Add	*1.23*	
		For >200 To 400, Add	*0.59*	
03 21 16 00-0163	LF	#8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	4.37	
		For Up To 100, Add	*2.82*	
		For >100 To 200, Add	*1.58*	
		For >200 To 400, Add	*0.76*	
03 21 16 00-0164	LF	#9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	5.47	
		For Up To 100, Add	*3.56*	
		For >100 To 200, Add	*1.99*	
		For >200 To 400, Add	*0.96*	
03 21 16 00-0165	LF	#10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	6.77	
		For Up To 100, Add	*3.59*	
		For >100 To 200, Add	*1.88*	
		For >200 To 300, Add	*0.94*	
03 21 16 00-0166	LF	#11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	8.18	
		For Up To 100, Add	*4.38*	
		For >100 To 200, Add	*2.28*	
		For >200 To 300, Add	*1.14*	
03 21 16 00-0167	LF	#14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	11.52	
		For Up To 100, Add	*6.23*	
		For >100 To 200, Add	*3.23*	
		For >200 To 300, Add	*1.62*	
03 21 16 00-0168	LF	#18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	20.04	
		For Up To 100, Add	*10.95*	
		For >100 To 200, Add	*5.66*	
		For >200 To 300, Add	*2.83*	

03 21 16 00-0169 Epoxy Coated Deformed Straight Dowels *(03 21 16)*

Note: Excludes drilling. See CSI section 02 41 19 13-0279 for drilling in concrete.

03 21 16 00-0170	EA	3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	4.34	
		For Up To 12" Length, Deduct	*-0.49*	
		For >12" To <24" Length, Deduct	*-0.25*	
03 21 16 00-0171	EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	5.18	
		For Up To 12" Length, Deduct	*-0.74*	
		For >12" To <24" Length, Deduct	*-0.37*	
03 21 16 00-0172	EA	5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	6.49	
		For Up To 12" Length, Deduct	*-1.11*	
		For >12" To <24" Length, Deduct	*-0.55*	
03 21 16 00-0173	EA	3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	8.10	
		For Up To 12" Length, Deduct	*-1.47*	
		For >12" To <24" Length, Deduct	*-0.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0174	EA	7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	9.84	
		For Up To 12" Length, Deduct	*-2.00*	
		For >12" To <24" Length, Deduct	*-1.00*	
03 21 16 00-0175	EA	1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	11.50	
		For Up To 12" Length, Deduct	*-2.47*	
		For >12" To <24" Length, Deduct	*-1.23*	
03 21 16 00-0176	EA	1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	13.61	
		For Up To 12" Length, Deduct	*-2.99*	
		For >12" To <24" Length, Deduct	*-1.49*	
03 21 16 00-0177	EA	1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	16.39	
		For Up To 12" Length, Deduct	*-3.62*	
		For >12" To <24" Length, Deduct	*-1.81*	

03 22 Fabric and Grid Reinforcing *(03 20)*

03 22 11 Plain Steel Welded Wire Fabric Reinforcing *(03 22)*

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

03 22 11 00-0001 Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 11)*

Note: Includes bar chairs. Under 5 tons. ASTM A-185

03 22 11 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.98	
		For >5 Ton, Deduct	*-0.14*	
03 22 11 00-0003	SF	6" x 6" x #8, 30 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.13	
		For >5 Ton, Deduct	*-0.16*	
03 22 11 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.32	
		For >5 Ton, Deduct	*-0.18*	
03 22 11 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.62	
		For >5 Ton, Deduct	*-0.21*	
03 22 11 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.21	
		For >5 Ton, Deduct	*-0.17*	
03 22 11 00-0007	SF	4" x 4" x #8, 44 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.39	
		For >5 Ton, Deduct	*-0.19*	
03 22 11 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.87	
		For >5 Ton, Deduct	*-0.24*	
03 22 11 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	2.22	
		For >5 Ton, Deduct	*-0.28*	
03 22 11 00-0010	SF	2" x 2" x #12, 37 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W0.9 x W0.9)	2.16	
		For >5 Ton, Deduct	*-0.26*	

03 22 13 Galvanized Welded Wire Fabric Reinforcing *(03 22)*

03 22 13 00-0001 Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 13)*

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.14	
		For >5 Ton, Deduct	*-0.15*	
03 22 13 00-0003	SF	6" x 6" x #8, 29 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.33	
		For >5 Ton, Deduct	*-0.18*	
03 22 13 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.57	
		For >5 Ton, Deduct	*-0.21*	
03 22 13 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.98	
		For >5 Ton, Deduct	*-0.25*	
03 22 13 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.44	
		For >5 Ton, Deduct	*-0.19*	
03 22 13 00-0007	SF	4" x 4" x #8, 43 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.67	
		For >5 Ton, Deduct	*-0.22*	
03 22 13 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	2.32	
		For >5 Ton, Deduct	*-0.28*	
03 22 13 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	2.79	
		For >5 Ton, Deduct	*-0.34*	

03 22 13 00-0010 Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns *(03 22 13)*

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0011	SF	2" x 2" x #14, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns (W0.5 x W0.5)	3.65	
		For >5 Ton, Deduct	*-0.54*	

03 22 16 Epoxy-Coated Welded Wire Fabric Reinforcing *(03 22)*

03 22 16 00-0001 Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 16)*

Note: Includes bar chairs. Under 5 tons.

03 22 16 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.12	
		For >5 Ton, Deduct	*-0.15*	
03 22 16 00-0003	SF	6" x 6" x #8, 29 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.30	
		For >5 Ton, Deduct	*-0.18*	
03 22 16 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.54	
		For >5 Ton, Deduct	*-0.20*	
03 22 16 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.93	
		For >5 Ton, Deduct	*-0.24*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 22 16 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.41	
		For >5 Ton, Deduct	*-0.19*	
03 22 16 00-0007	SF	4" x 4" x #8, 43 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.64	
		For >5 Ton, Deduct	*-0.21*	
03 22 16 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	2.27	
		For >5 Ton, Deduct	*-0.28*	
03 22 16 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	2.72	
		For >5 Ton, Deduct	*-0.33*	

03 22 23 Stainless Steel Welded Wire Fabric Reinforcing *(03 22)*

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

03 22 23 00-0001 Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 23)*

03 22 23 00-0002	SF	6" x 6" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	2.20
03 22 23 00-0003	SF	4" x 4" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs	2.90

03 30 Cast-In-Place Concrete *(03)*

See CSI section 01 74 19 00-0048 for hauling over 15 miles.

03 30 53 Miscellaneous Cast-in-Place Concrete *(03 30)*

03 30 53 00-0001 Place Concrete Duct Bank *(03 30 53)*

03 30 53 00-0002	CY	Direct Chute, Place 3,000 PSI Concrete Duct Bank	193.79
		For 2,000 PSI Concrete, Deduct	*-8.61*
		For 2,500 PSI Concrete, Deduct	*-4.31*
		For 3,500 PSI Concrete, Add	*7.98*
		For 3,750 PSI Concrete, Add	*10.85*
		For 4,000 PSI Concrete, Add	*13.72*
		For 4,500 PSI Concrete, Add	*15.95*
		For 5,000 PSI Concrete, Add	*18.18*
		For 6,000 PSI Concrete, Add	*43.07*
		For White Cement Concrete, Add	*19.14*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*
		For Lightweight Aggregate, ASTM C330, Add	*55.83*
		For Up To 20, Add	*13.72*
		For >20 To 50, Add	*5.14*
		For >100 To 200, Deduct	*-3.88*
		For >200 To 400, Deduct	*-7.75*
		For >400, Deduct	*-11.63*

03 30 53 00-0003 Place Concrete Thrust Blocks And Backfill *(03 30 53)*

03 30 53 00-0004	CY	Direct Chute, Place 3,000 PSI Concrete Thrust Blocks	236.92
		For 2,000 PSI Concrete, Deduct	*-8.61*
		For 2,500 PSI Concrete, Deduct	*-4.31*
		For 3,500 PSI Concrete, Add	*7.98*
		For 3,750 PSI Concrete, Add	*10.85*
		For 4,000 PSI Concrete, Add	*13.72*
		For 4,500 PSI Concrete, Add	*15.95*
		For 5,000 PSI Concrete, Add	*18.18*
		For 6,000 PSI Concrete, Add	*43.07*
		For White Cement Concrete, Add	*19.14*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*
		For Lightweight Aggregate, ASTM C330, Add	*55.83*
		For Up To 20, Add	*30.97*
		For >20 To 50, Add	*11.61*
		For >100 To 200, Deduct	*-4.74*
		For >200 To 400, Deduct	*-9.48*
		For >400, Deduct	*-14.22*
03 30 53 00-0005	CY	Concrete Pump, Place 3,000 PSI Concrete Thrust Blocks Note: Excludes pumping equipment.	236.55
		For 2,000 PSI Concrete, Deduct	*-9.33*
		For 2,500 PSI Concrete, Deduct	*-4.67*
		For 3,500 PSI Concrete, Add	*8.64*
		For 3,750 PSI Concrete, Add	*11.75*
		For 4,000 PSI Concrete, Add	*14.86*
		For 4,500 PSI Concrete, Add	*17.28*
		For 5,000 PSI Concrete, Add	*19.70*
		For 6,000 PSI Concrete, Add	*46.65*
		For White Cement Concrete, Add	*20.73*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*
		For Lightweight Aggregate, ASTM C330, Add	*60.48*

03 30 53 00-0006 Place Concrete Slurry *(03 30 53)*

03 30 53 00-0007	CY	Direct Chute, Place Two Sack Cement, Concrete Slurry Note: Two 94# sack cement per CY.	180.55

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 30 53 00-0008	CY	Concrete Pump, Place Two Sack Cement, Concrete Slurry Note: Two 94# sack cement per CY. Excludes pumping equipment.	173.72	
03 30 53 00-0009	CY	Direct Chute, Place One Sack Cement, Concrete Slurry Note: One 94# sack cement per CY.	159.07	
03 30 53 00-0010	CY	Concrete Pump, Place One Sack Cement, Concrete Slurry Note: One 94# sack cement per CY. Excludes pumping equipment.	152.24	

03 30 53 00-0011 Hand Mix And Place Concrete *(03 30 53)*

03 30 53 00-0012	CF	Hand Mix And Place Concrete Note: For use where conventional equipment access is limited or when directed by the owner. Includes local aggregate, sand, bagged cement (Type I) and water.	18.52	
		For Up To 25 CF, Add	*2.19*	
		For 2,000 PSI Concrete, Deduct	*-0.37*	
		For 2,500 PSI Concrete, Deduct	*-0.18*	
		For 3,500 PSI Concrete, Add	*0.34*	
		For 3,750 PSI Concrete, Add	*0.46*	
		For 4,000 PSI Concrete, Add	*0.59*	
		For 4,500 PSI Concrete, Add	*0.68*	
		For 5,000 PSI Concrete, Add	*0.78*	
		For 6,000 PSI Concrete, Add	*1.84*	
		For White Cement Concrete, Add	*0.82*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*0.89*	
		For High Early Strength, Type 3 ASTM C150, Add	*0.68*	
		For Lightweight Aggregate, ASTM C330, Add	*2.39*	

03 31 Structural Concrete *(03 30)*

03 31 13 Heavyweight Structural Concrete *(03 31)*

Note: Includes delivery, fuel charge and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 13 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 31 13 00-0086 for small concrete purchases (short load), 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

03 31 13 00-0001 Concrete Slab Assemblies *(03 31 13)*

03 31 13 00-0002 3,000 PSI Slab On Grade Concrete Slabs Assemblies *(03 31 13 00-0001)*

Note: Includes forms, welded wire reinforcement (where necessary), #3 to #6 reinforcing rods at 12" on center each way with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 13 00-0001 for color additive alternative, 03 37 16 00-0001 for concrete pumping equipment.

03 31 13 00-0003	SF	4" 3,000 PSI Slab On Grade Concrete Slabs Assembly	7.79	
		For 2,000 PSI Concrete, Deduct	*-0.21*	
		For 2,500 PSI Concrete, Deduct	*-0.10*	
		For 3,500 PSI Concrete, Add	*0.07*	
		For 4,000 PSI Concrete, Add	*0.24*	
		For 4,500 PSI Concrete, Add	*0.31*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.41*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.61*	
		For Up To 500, Add	*3.13*	
		For >500 To 1,000, Add	*2.15*	
		For >1,000 To 2,000, Add	*1.17*	
		For >2,000 To 5,000, Add	*0.59*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000 To 35,000, Deduct	*-0.39*	
		For >35,000 To 50,000, Deduct	*-0.58*	
		For >50,000 To 70,000, Deduct	*-0.78*	
		For >70,000, Deduct	*-0.97*	
03 31 13 00-0004	SF	5" 3,000 PSI Slab On Grade Concrete Slabs Assembly	8.50	
		For 2,000 PSI Concrete, Deduct	*-0.24*	
		For 2,500 PSI Concrete, Deduct	*-0.12*	
		For 3,500 PSI Concrete, Add	*0.08*	
		For 4,000 PSI Concrete, Add	*0.28*	
		For 4,500 PSI Concrete, Add	*0.35*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.41*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.61*	
		For Up To 500, Add	*3.34*	
		For >500 To 1,000, Add	*2.30*	
		For >1,000 To 2,000, Add	*1.26*	
		For >2,000 To 5,000, Add	*0.63*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000 To 35,000, Deduct	*-0.43*	
		For >35,000 To 50,000, Deduct	*-0.65*	
		For >50,000 To 70,000, Deduct	*-0.86*	
		For >70,000, Deduct	*-1.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0005	SF	6" 3,000 PSI Slab On Grade Concrete Slabs Assembly	9.51	
		For 2,000 PSI Concrete, Deduct	*-0.28*	
		For 2,500 PSI Concrete, Deduct	*-0.14*	
		For 3,500 PSI Concrete, Add	*0.10*	
		For 4,000 PSI Concrete, Add	*0.32*	
		For 4,500 PSI Concrete, Add	*0.41*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.41*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.61*	
		For Up To 500, Add	*3.65*	
		For >500 To 1,000, Add	*2.52*	
		For >1,000 To 2,000, Add	*1.39*	
		For >2,000 To 5,000, Add	*0.69*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000 To 35,000, Deduct	*-0.49*	
		For >35,000 To 50,000, Deduct	*-0.73*	
		For >50,000 To 70,000, Deduct	*-0.97*	
		For >70,000, Deduct	*-1.21*	
03 31 13 00-0006	SF	7" 3,000 PSI Slab On Grade Concrete Slabs Assembly	10.46	
		For 2,000 PSI Concrete, Deduct	*-0.32*	
		For 2,500 PSI Concrete, Deduct	*-0.16*	
		For 3,500 PSI Concrete, Add	*0.11*	
		For 4,000 PSI Concrete, Add	*0.37*	
		For 4,500 PSI Concrete, Add	*0.47*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.41*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.61*	
		For Up To 500, Add	*3.91*	
		For >500 To 1,000, Add	*2.71*	
		For >1,000 To 2,000, Add	*1.50*	
		For >2,000 To 5,000, Add	*0.75*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000 To 35,000, Deduct	*-0.56*	
		For >35,000 To 50,000, Deduct	*-0.82*	
		For >50,000 To 70,000, Deduct	*-1.08*	
		For >70,000, Deduct	*-1.34*	
03 31 13 00-0007	SF	8" 3,000 PSI Slab On Grade Concrete Slabs Assembly	11.29	
		For 2,000 PSI Concrete, Deduct	*-0.35*	
		For 2,500 PSI Concrete, Deduct	*-0.18*	
		For 3,500 PSI Concrete, Add	*0.12*	
		For 4,000 PSI Concrete, Add	*0.41*	
		For 4,500 PSI Concrete, Add	*0.52*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.41*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.61*	
		For Up To 500, Add	*4.15*	
		For >500 To 1,000, Add	*2.88*	
		For >1,000 To 2,000, Add	*1.60*	
		For >2,000 To 5,000, Add	*0.80*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000 To 35,000, Deduct	*-0.61*	
		For >35,000 To 50,000, Deduct	*-0.89*	
		For >50,000 To 70,000, Deduct	*-1.17*	
		For >70,000, Deduct	*-1.46*	
03 31 13 00-0008	SF	10" 3,000 PSI Slab On Grade Concrete Slabs Assembly	13.38	
		For 2,000 PSI Concrete, Deduct	*-0.45*	
		For 2,500 PSI Concrete, Deduct	*-0.22*	
		For 3,500 PSI Concrete, Add	*0.16*	
		For 4,000 PSI Concrete, Add	*0.52*	
		For 4,500 PSI Concrete, Add	*0.65*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.41*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.61*	
		For Up To 500, Add	*4.72*	
		For >500 To 1,000, Add	*3.28*	
		For >1,000 To 2,000, Add	*1.85*	
		For >2,000 To 5,000, Add	*0.92*	
		For >10,000 To 20,000, Deduct	*-0.41*	
		For >20,000 To 35,000, Deduct	*-0.75*	
		For >35,000 To 50,000, Deduct	*-1.08*	
		For >50,000 To 70,000, Deduct	*-1.42*	
		For >70,000, Deduct	*-1.75*	
03 31 13 00-0009	SF	12" 3,000 PSI Slab On Grade Concrete Slabs Assembly	14.99	
		For 2,000 PSI Concrete, Deduct	*-0.51*	
		For 2,500 PSI Concrete, Deduct	*-0.26*	
		For 3,500 PSI Concrete, Add	*0.18*	
		For 4,000 PSI Concrete, Add	*0.60*	
		For 4,500 PSI Concrete, Add	*0.75*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.41*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.61*	
		For Up To 500, Add	*5.18*	
		For >500 To 1,000, Add	*3.61*	
		For >1,000 To 2,000, Add	*2.05*	
		For >2,000 To 5,000, Add	*1.02*	
		For >10,000 To 20,000, Deduct	*-0.48*	
		For >20,000 To 35,000, Deduct	*-0.85*	
		For >35,000 To 50,000, Deduct	*-1.23*	
		For >50,000 To 70,000, Deduct	*-1.60*	
		For >70,000, Deduct	*-1.98*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0010		**Concrete Delivery And Placement** *(03 31 13)* Note: Includes cleaning out equipment and standard concrete placement tests.		
03 31 13 00-0011		**Place Concrete By Method Indicated** *(03 31 13 00-0010)* Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 37 16 00-0001 for concrete pumping equipment.		
03 31 13 00-0012		**Place Concrete Pile Caps** *(03 31 13 00-0011)*		
03 31 13 00-0013	CY	Crane And Bucket, Place 3,000 PSI Concrete Pile Caps	287.68	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*51.27*	
		For >20 To 50, Add	*19.23*	
		For >100 To 200, Deduct	*-5.75*	
		For >200 To 400, Deduct	*-11.51*	
		For >400, Deduct	*-17.26*	
03 31 13 00-0014	CY	Direct Chute, Place 3,000 PSI Concrete Pile Caps	216.42	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*22.77*	
		For >20 To 50, Add	*8.54*	
		For >100 To 200, Deduct	*-4.33*	
		For >200 To 400, Deduct	*-8.66*	
		For >400, Deduct	*-12.99*	
03 31 13 00-0015	CY	Concrete Pump, Place 3,000 PSI Concrete Pile Caps Note: Excludes pumping equipment.	227.01	
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*21.69*	
		For >20 To 50, Add	*8.13*	
		For >100 To 200, Deduct	*-4.54*	
		For >200 To 400, Deduct	*-9.08*	
		For >400, Deduct	*-13.62*	
03 31 13 00-0016		**Place Concrete Continuous Footings** *(03 31 13 00-0011)*		
03 31 13 00-0017	CY	Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings	273.44	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*45.58*	
		For >20 To 50, Add	*17.09*	
		For >100 To 200, Deduct	*-5.47*	
		For >200 To 400, Deduct	*-10.94*	
		For >400, Deduct	*-16.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0018	CY	Direct Chute, Place 3,000 PSI Concrete Continuous Footings	210.11	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*20.24*	
		For >20 To 50, Add	*7.59*	
		For >100 To 200, Deduct	*-4.20*	
		For >200 To 400, Deduct	*-8.40*	
		For >400, Deduct	*-12.61*	
03 31 13 00-0019	CY	Concrete Pump, Place 3,000 PSI Concrete Continuous Footings Note: Excludes pumping equipment.	220.99	
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*19.28*	
		For >20 To 50, Add	*7.23*	
		For >100 To 200, Deduct	*-4.42*	
		For >200 To 400, Deduct	*-8.84*	
		For >400, Deduct	*-13.26*	
03 31 13 00-0020		Place Concrete Spread Footings *(03 31 13 00-0011)*		
03 31 13 00-0021	CY	Crane And Bucket, Place 3,000 PSI Concrete Spread Footings	351.77	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*76.91*	
		For >20 To 50, Add	*28.84*	
		For >100 To 200, Deduct	*-7.04*	
		For >200 To 400, Deduct	*-14.07*	
		For >400, Deduct	*-21.11*	
03 31 13 00-0022	CY	Direct Chute, Place 3,000 PSI Concrete Spread Footings	244.89	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*34.16*	
		For >20 To 50, Add	*12.81*	
		For >100 To 200, Deduct	*-4.90*	
		For >200 To 400, Deduct	*-9.80*	
		For >400, Deduct	*-14.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0023	CY	Concrete Pump, Place 3,000 PSI Concrete Spread Footings Note: Excludes pumping equipment.	254.12	
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*32.53*	
		For >20 To 50, Add	*12.20*	
		For >100 To 200, Deduct	*-5.08*	
		For >200 To 400, Deduct	*-10.16*	
		For >400, Deduct	*-15.25*	
03 31 13 00-0024		Place Concrete Mat Foundation *(03 31 13 00-0011)*		
03 31 13 00-0025	CY	Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation	193.68	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*13.67*	
		For >20 To 50, Add	*5.13*	
		For >100 To 200, Deduct	*-3.87*	
		For >200 To 400, Deduct	*-7.75*	
		For >400, Deduct	*-11.62*	
03 31 13 00-0026	CY	Direct Chute, Place 3,000 PSI Concrete Mat Foundation	174.68	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*6.07*	
		For >20 To 50, Add	*2.28*	
		For >100 To 200, Deduct	*-3.49*	
		For >200 To 400, Deduct	*-6.99*	
		For >400, Deduct	*-10.48*	
03 31 13 00-0027	CY	Concrete Pump, Place 3,000 PSI Concrete Mat Foundation Note: Excludes pumping equipment.	185.44	
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*5.06*	
		For >20 To 50, Add	*1.90*	
		For >100 To 200, Deduct	*-3.71*	
		For >200 To 400, Deduct	*-7.42*	
		For >400, Deduct	*-11.13*	
03 31 13 00-0028		Place Concrete Grade Beams *(03 31 13 00-0011)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0029	CY	Crane And Bucket, Place 3,000 PSI Concrete Grade Beams	250.65	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*36.46*	
		For >20 To 50, Add	*13.67*	
		For >100 To 200, Deduct	*-5.01*	
		For >200 To 400, Deduct	*-10.03*	
		For >400, Deduct	*-15.04*	
03 31 13 00-0030	CY	Direct Chute, Place 3,000 PSI Concrete Grade Beams	199.98	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*16.19*	
		For >20 To 50, Add	*6.07*	
		For >100 To 200, Deduct	*-4.00*	
		For >200 To 400, Deduct	*-8.00*	
		For >400, Deduct	*-12.00*	
03 31 13 00-0031	CY	Concrete Pump, Place 3,000 PSI Concrete Grade Beams Note: Excludes pumping equipment.	211.35	
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*15.42*	
		For >20 To 50, Add	*5.78*	
		For >100 To 200, Deduct	*-4.23*	
		For >200 To 400, Deduct	*-8.45*	
		For >400, Deduct	*-12.68*	

03 31 13 00-0032 Place Concrete Slab On Grade *(03 31 13 00-0011)*

03 31 13 00-0033	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	252.80	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*37.32*	
		For >20 To 50, Add	*14.00*	
		For >100 To 200, Deduct	*-5.06*	
		For >200 To 400, Deduct	*-10.11*	
		For >400, Deduct	*-15.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0034	CY	>6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	230.29	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*28.32*	
		For >20 To 50, Add	*10.62*	
		For >100 To 200, Deduct	*-4.61*	
		For >200 To 400, Deduct	*-9.21*	
		For >400, Deduct	*-13.82*	
03 31 13 00-0035	CY	Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	200.93	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*16.57*	
		For >20 To 50, Add	*6.21*	
		For >100 To 200, Deduct	*-4.02*	
		For >200 To 400, Deduct	*-8.04*	
		For >400, Deduct	*-12.06*	
03 31 13 00-0036	CY	>6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	190.93	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*12.57*	
		For >20 To 50, Add	*4.71*	
		For >100 To 200, Deduct	*-3.82*	
		For >200 To 400, Deduct	*-7.64*	
		For >400, Deduct	*-11.46*	
03 31 13 00-0037	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade	207.32	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*13.81*	
		For >20 To 50, Add	*5.18*	
		For >100 To 200, Deduct	*-4.15*	
		For >200 To 400, Deduct	*-8.29*	
		For >400, Deduct	*-12.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0038	CY	>6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade Note: Excludes pumping equipment.	198.99	
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*10.48*	
		For >20 To 50, Add	*3.93*	
		For >100 To 200, Deduct	*-3.98*	
		For >200 To 400, Deduct	*-7.96*	
		For >400, Deduct	*-11.94*	
03 31 13 00-0039		Place Concrete Stairs *(03 31 13 00-0011)*		
03 31 13 00-0040	CY	Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs	579.25	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*167.90*	
		For >20 To 50, Add	*62.96*	
		For >100 To 200, Deduct	*-11.59*	
		For >200 To 400, Deduct	*-23.17*	
		For >400, Deduct	*-34.76*	
03 31 13 00-0041	CY	Direct Chute, Place 3,000 PSI On Grade Concrete Stairs	345.96	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*74.58*	
		For >20 To 50, Add	*27.97*	
		For >100 To 200, Deduct	*-6.92*	
		For >200 To 400, Deduct	*-13.84*	
		For >400, Deduct	*-20.76*	
03 31 13 00-0042	CY	Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs Note: Excludes pumping equipment.	328.18	
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*62.16*	
		For >20 To 50, Add	*23.31*	
		For >100 To 200, Deduct	*-6.56*	
		For >200 To 400, Deduct	*-13.13*	
		For >400, Deduct	*-19.69*	
03 31 13 00-0043		Place Concrete Superstructure By Method Indicated *(03 31 13 00-0010)* See CSI section 03 37 16 00-0001 for concrete pump truck.		
03 31 13 00-0044		Place Elevated Concrete Beams *(03 31 13 00-0043)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0045	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams	387.38	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*91.15*	
		For >20 To 50, Add	*34.18*	
		For >100 To 200, Deduct	*-7.75*	
		For >200 To 400, Deduct	*-15.50*	
		For >400, Deduct	*-23.24*	
03 31 13 00-0046	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Beams	269.18	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*38.56*	
		For >20 To 50, Add	*14.46*	
		For >100 To 200, Deduct	*-5.38*	
		For >200 To 400, Deduct	*-10.77*	
		For >400, Deduct	*-16.15*	

03 31 13 00-0047 Place Elevated Concrete Slab *(03 31 13 00-0048)*

03 31 13 00-0048	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	266.79	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*42.92*	
		For >20 To 50, Add	*16.09*	
		For >100 To 200, Deduct	*-5.34*	
		For >200 To 400, Deduct	*-10.67*	
		For >400, Deduct	*-16.01*	
03 31 13 00-0049	CY	>6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	240.90	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*32.56*	
		For >20 To 50, Add	*12.21*	
		For >100 To 200, Deduct	*-4.82*	
		For >200 To 400, Deduct	*-9.64*	
		For >400, Deduct	*-14.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0050	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab	218.17	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*18.15*	
		For >20 To 50, Add	*6.81*	
		For >100 To 200, Deduct	*-4.36*	
		For >200 To 400, Deduct	*-8.73*	
		For >400, Deduct	*-13.09*	
03 31 13 00-0051	CY	>6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab	207.22	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*13.77*	
		For >20 To 50, Add	*5.16*	
		For >100 To 200, Deduct	*-4.14*	
		For >200 To 400, Deduct	*-8.29*	
		For >400, Deduct	*-12.43*	

03 31 13 00-0052 Place Concrete Columns *(03 31 13 00-0043)*

03 31 13 00-0053	CY	12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	405.61	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*98.44*	
		For >20 To 50, Add	*36.92*	
		For >100 To 200, Deduct	*-8.11*	
		For >200 To 400, Deduct	*-16.22*	
		For >400, Deduct	*-24.34*	
03 31 13 00-0054	CY	18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	338.38	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*71.55*	
		For >20 To 50, Add	*26.83*	
		For >100 To 200, Deduct	*-6.77*	
		For >200 To 400, Deduct	*-13.54*	
		For >400, Deduct	*-20.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0055	CY	24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	290.30	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*52.32*	
		For >20 To 50, Add	*19.62*	
		For >100 To 200, Deduct	*-5.81*	
		For >200 To 400, Deduct	*-11.61*	
		For >400, Deduct	*-17.42*	
03 31 13 00-0056	CY	36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	268.88	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*43.75*	
		For >20 To 50, Add	*16.41*	
		For >100 To 200, Deduct	*-5.38*	
		For >200 To 400, Deduct	*-10.76*	
		For >400, Deduct	*-16.13*	
03 31 13 00-0057	CY	12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	276.90	
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*41.64*	
		For >20 To 50, Add	*15.62*	
		For >100 To 200, Deduct	*-5.54*	
		For >200 To 400, Deduct	*-11.08*	
		For >400, Deduct	*-16.61*	
03 31 13 00-0058	CY	18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	248.46	
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*30.27*	
		For >20 To 50, Add	*11.35*	
		For >100 To 200, Deduct	*-4.97*	
		For >200 To 400, Deduct	*-9.94*	
		For >400, Deduct	*-14.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0059	CY	24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	228.11	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*22.13*	
		For >20 To 50, Add	*8.30*	
		For >100 To 200, Deduct	*-4.56*	
		For >200 To 400, Deduct	*-9.12*	
		For >400, Deduct	*-13.69*	
03 31 13 00-0060	CY	36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	219.05	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*18.50*	
		For >20 To 50, Add	*6.94*	
		For >100 To 200, Deduct	*-4.38*	
		For >200 To 400, Deduct	*-8.76*	
		For >400, Deduct	*-13.14*	
03 31 13 00-0061		Place Concrete Walls *(03 31 13 00-0043)*		
03 31 13 00-0062	CY	Up To 8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	390.22	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*92.29*	
		For >20 To 50, Add	*34.61*	
		For >100 To 200, Deduct	*-7.80*	
		For >200 To 400, Deduct	*-15.61*	
		For >400, Deduct	*-23.41*	
03 31 13 00-0063	CY	12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	371.10	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*84.64*	
		For >20 To 50, Add	*31.74*	
		For >100 To 200, Deduct	*-7.42*	
		For >200 To 400, Deduct	*-14.84*	
		For >400, Deduct	*-22.27*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0064	CY	15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	321.01	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*64.60*	
		For >20 To 50, Add	*24.23*	
		For >100 To 200, Deduct	*-6.42*	
		For >200 To 400, Deduct	*-12.84*	
		For >400, Deduct	*-19.26*	
03 31 13 00-0065	CY	Up To 8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	261.97	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*40.99*	
		For >20 To 50, Add	*15.37*	
		For >100 To 200, Deduct	*-5.24*	
		For >200 To 400, Deduct	*-10.48*	
		For >400, Deduct	*-15.72*	
03 31 13 00-0066	CY	12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	241.48	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*32.79*	
		For >20 To 50, Add	*12.30*	
		For >100 To 200, Deduct	*-4.83*	
		For >200 To 400, Deduct	*-9.66*	
		For >400, Deduct	*-14.49*	
03 31 13 00-0067	CY	15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	231.23	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*28.69*	
		For >20 To 50, Add	*10.76*	
		For >100 To 200, Deduct	*-4.62*	
		For >200 To 400, Deduct	*-9.25*	
		For >400, Deduct	*-13.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0068	CY	Up To 8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	270.38	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*39.04*	
		For >20 To 50, Add	*14.64*	
		For >100 To 200, Deduct	*-5.41*	
		For >200 To 400, Deduct	*-10.82*	
		For >400, Deduct	*-16.22*	
03 31 13 00-0069	CY	12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	250.85	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*31.22*	
		For >20 To 50, Add	*11.71*	
		For >100 To 200, Deduct	*-5.02*	
		For >200 To 400, Deduct	*-10.03*	
		For >400, Deduct	*-15.05*	
03 31 13 00-0070	CY	15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	241.10	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*27.32*	
		For >20 To 50, Add	*10.25*	
		For >100 To 200, Deduct	*-4.82*	
		For >200 To 400, Deduct	*-9.64*	
		For >400, Deduct	*-14.47*	
03 31 13 00-0071		Place Elevated Concrete Stairs *(03 31 13 00-0043)*		
03 31 13 00-0072	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs	625.94	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*186.58*	
		For >20 To 50, Add	*69.97*	
		For >100 To 200, Deduct	*-12.52*	
		For >200 To 400, Deduct	*-25.04*	
		For >400, Deduct	*-37.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0073	CY	Direct Chute, Place 3,000 PSI Elevated Concrete Stairs	366.66	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*82.86*	
		For >20 To 50, Add	*31.07*	
		For >100 To 200, Deduct	*-7.33*	
		For >200 To 400, Deduct	*-14.67*	
		For >400, Deduct	*-22.00*	
03 31 13 00-0074	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs Note: Excludes pumping equipment.	345.43	
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*69.06*	
		For >20 To 50, Add	*25.90*	
		For >100 To 200, Deduct	*-6.91*	
		For >200 To 400, Deduct	*-13.82*	
		For >400, Deduct	*-20.73*	

03 31 13 00-0075 Place Concrete Coping *(03 31 13 00-0043)*

03 31 13 00-0076	CY	Crane And Bucket, Place 3,000 PSI Concrete Coping	642.07	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*193.03*	
		For >20 To 50, Add	*72.39*	
		For >100 To 200, Deduct	*-12.84*	
		For >200 To 400, Deduct	*-25.68*	
		For >400, Deduct	*-38.52*	
03 31 13 00-0077	CY	Direct Chute, Place 3,000 PSI Concrete Coping	365.26	
		For 2,000 PSI Concrete, Deduct	*-8.61*	
		For 2,500 PSI Concrete, Deduct	*-4.31*	
		For 3,500 PSI Concrete, Add	*7.98*	
		For 3,750 PSI Concrete, Add	*10.85*	
		For 4,000 PSI Concrete, Add	*13.72*	
		For 4,500 PSI Concrete, Add	*15.95*	
		For 5,000 PSI Concrete, Add	*18.18*	
		For 6,000 PSI Concrete, Add	*43.07*	
		For White Cement Concrete, Add	*19.14*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.74*	
		For High Early Strength, Type 3 ASTM C150, Add	*15.95*	
		For Lightweight Aggregate, ASTM C330, Add	*55.83*	
		For Up To 20, Add	*82.30*	
		For >20 To 50, Add	*30.86*	
		For >100 To 200, Deduct	*-7.31*	
		For >200 To 400, Deduct	*-14.61*	
		For >400, Deduct	*-21.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0078	CY	Concrete Pump, Place 3,000 PSI Concrete Coping	484.45	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-9.33*	
		For 2,500 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Add	*8.64*	
		For 3,750 PSI Concrete, Add	*11.75*	
		For 4,000 PSI Concrete, Add	*14.86*	
		For 4,500 PSI Concrete, Add	*17.28*	
		For 5,000 PSI Concrete, Add	*19.70*	
		For 6,000 PSI Concrete, Add	*46.65*	
		For White Cement Concrete, Add	*20.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*22.46*	
		For High Early Strength, Type 3 ASTM C150, Add	*17.28*	
		For Lightweight Aggregate, ASTM C330, Add	*60.48*	
		For Up To 20, Add	*124.66*	
		For >20 To 50, Add	*46.75*	
		For >100 To 200, Deduct	*-9.69*	
		For >200 To 400, Deduct	*-19.38*	
		For >400, Deduct	*-29.07*	
03 31 13 00-0079		Concrete Carts *(03 31 13 00-0010)*		
		Note: Used to place concrete were necessary.		
03 31 13 00-0080	CY	50' Haul, Non Motorized, Concrete Buggy	25.06	
03 31 13 00-0081	CY	150' Haul, Non Motorized, Concrete Buggy	33.56	
03 31 13 00-0082	CY	250' Haul, Non Motorized, Concrete Buggy	44.76	
03 31 13 00-0083	CY	50' Haul, Motorized, Concrete Buggy	11.19	
03 31 13 00-0084	CY	150' Haul, Motorized, Concrete Buggy	15.01	
03 31 13 00-0085	CY	250' Haul, Motorized, Concrete Buggy	20.00	
03 31 13 00-0086		Delivery Fee For Small Concrete Purchases (Short Load) *(03 31 13)*		
03 31 13 00-0087	CY	Delivery Fee For Small Concrete Purchases (Short Load) Per CY For Each CY Less Than 9 CY	31.80	
		Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.		
03 31 13 00-0088		Equipment Pads *(03 31 13)*		
03 31 13 00-0089		Small Concrete Equipment Housekeeping Pad Assemblies *(03 31 13 00-0088)*		
		Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project. See CSI section 03 31 13 00-0002 for >50 SF concrete pads.		
03 31 13 00-0090	SF	4" Equipment Pad With Welded Wire Reinforcement	18.09	
		For >5 To 20 Pads, Deduct	*-2.22*	
		For >20 To 50 Pads, Deduct	*-4.07*	
		For >50 Pads, Deduct	*-5.92*	
03 31 13 00-0091	SF	4" Equipment Pad With Rebar	22.39	
		For >5 To 20 Pads, Deduct	*-2.56*	
		For >20 To 50 Pads, Deduct	*-4.70*	
		For >50 Pads, Deduct	*-6.84*	
03 31 13 00-0092	SF	6" Equipment Pad With Rebar	28.12	
		For >5 To 20 Pads, Deduct	*-3.22*	
		For >20 To 50 Pads, Deduct	*-5.91*	
		For >50 Pads, Deduct	*-8.59*	
03 31 13 00-0093	SF	8" Equipment Pad With Rebar	35.26	
		For >5 To 20 Pads, Deduct	*-4.09*	
		For >20 To 50 Pads, Deduct	*-7.50*	
		For >50 Pads, Deduct	*-10.92*	
03 31 16		**Lightweight Structural Concrete** *(03 31)*		
03 31 16 00-0001		Low Density Cellular / Foam Concrete Fill *(03 31 16)*		
03 31 16 00-0002	CY	Lightweight Low Density Pervious Cellular/Foam Concrete, 100 To 120 PCF Density Range	288.00	
03 35		**Concrete Finishing** *(03 30)*		
03 35 13		**High-Tolerance Concrete Floor Finishing** *(03 35)*		
03 35 13 00-0001		Floor Finishes *(03 35 13)*		
		Note: Task is for final finish type and includes all required prior finishes.		
03 35 13 00-0002	SF	Screed, Concrete Floor Finish	0.97	
		For Up To 100, Add	*1.94*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.24*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.10*	
03 35 13 00-0003	SF	Darby, Concrete Floor Finish	1.17	
		For Up To 100, Add	*2.34*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.29*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000, Deduct	*-0.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 13 00-0004	SF	Broom, Concrete Floor Finish	1.29	
		For Up To 100, Add	*2.58*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.32*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000, Deduct	*-0.13*	
03 35 13 00-0005	SF	Final Float, Concrete Floor Finish	1.50	
		For Up To 100, Add	*3.00*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.38*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000, Deduct	*-0.15*	
03 35 13 00-0006	SF	Steel Trowel, Concrete Floor Finish	1.69	
		For Up To 100, Add	*3.38*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.42*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000, Deduct	*-0.17*	
03 35 13 00-0007	SF	Concrete Floor Finishes, Machine	1.50	
		For Up To 100, Add	*3.00*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.38*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000, Deduct	*-0.15*	

03 35 16 Heavy-Duty Concrete Floor Finishing *(03 35)*

03 35 16 00-0001 Shake On Floor Hardeners *(03 35 16)*

03 35 16 00-0002	SF	0.3 LB/SF, Metallic, Shake On Floor Hardener	1.20
03 35 16 00-0003	SF	0.65 LB/SF, Metallic, Shake On Floor Hardener	1.84
03 35 16 00-0004	SF	0.3 LB/SF, Non Metallic, Shake On Floor Hardener	1.14
03 35 16 00-0005	SF	0.65 LB/SF, Non Metallic, Shake On Floor Hardener	1.37

03 35 19 Colored Concrete Finishing *(03 35)*

03 35 19 00-0001 Concrete Surface Treatments *(03 35 19)*

03 35 19 00-0002	SF	Acrylic Latex Bonding Agent	0.55
03 35 19 00-0003	SF	Epoxy Resin Bonding Agent	3.19
03 35 19 00-0004	SF	Clear Acrylic Sealer, Hardener And Dustproofer	0.38
03 35 19 00-0005	SF	Colored Acrylic Sealer, Hardener And Dustproofer	0.40

03 35 23 Exposed Aggregate Concrete Finishing *(03 35)*

03 35 23 00-0001 Exposed Aggregate, Concrete Finish *(03 35 23)*

03 35 23 00-0002	SF	Exposed Aggregate, Concrete Floor Finish	3.17

03 35 26 Grooved Concrete Surface Finishing *(03 35)*

03 35 26 00-0001 Ramp, Grooved Concrete Surface Finishing *(03 35 26)*

03 35 26 00-0002	SF	Ramp, Grooved Concrete Surface Finishing	4.49

03 35 29 Tooled Concrete Finishing *(03 35)*

03 35 29 00-0001 Solid Board Concrete Finish *(03 35 29)*

03 35 29 00-0002	SF	Solid Board Concrete, Non Uniform Finish, 1 Use, Add To Formwork	14.90

03 35 29 00-0003 Marblecrete Finishes *(03 35 29)*

03 35 29 00-0004	SF	2" Thick Marblecrete And Finish	38.63
03 35 29 00-0005	SF	4" Thick Marblecrete And Finish	51.80

03 35 33 Stamped Concrete Finishing *(03 35)*

03 35 33 00-0001 Stamped Concrete Finishes *(03 35 33)*

03 35 33 00-0002	SF	Up To 2,500 SF Stamped Concrete Finish	3.91
03 35 33 00-0003	SF	>2,500 To 10,000 SF Stamped Concrete Finish	3.55
03 35 33 00-0004	SF	>10,000 SF Stamped Concrete Finish	3.39

03 35 43 Polished Concrete Finishing *(03 35)*

03 35 43 00-0001 Concrete Floor Polishing System *(03 35 43)*

Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0002	SF	Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels	1.83	
		For Up To 500, Add	*3.47*	
		For >500 To 1,000, Add	*3.22*	
		For >1,000 To 2,500, Add	*2.13*	
		For >2,500 To 4,000, Add	*1.11*	
		For >8,000 To 15,000, Deduct	*-0.43*	
		For >15,000 To 25,000, Deduct	*-0.55*	
		For >25,000, Deduct	*-0.77*	
03 35 43 00-0003	SF	Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels	1.48	
		For Up To 500, Add	*2.79*	
		For >500 To 1,000, Add	*2.59*	
		For >1,000 To 2,500, Add	*1.71*	
		For >2,500 To 4,000, Add	*0.89*	
		For >8,000 To 15,000, Deduct	*-0.35*	
		For >15,000 To 25,000, Deduct	*-0.44*	
		For >25,000, Deduct	*-0.62*	
03 35 43 00-0004	SF	Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels	1.24	
		For Up To 500, Add	*2.33*	
		For >500 To 1,000, Add	*2.16*	
		For >1,000 To 2,500, Add	*1.43*	
		For >2,500 To 4,000, Add	*0.74*	
		For >8,000 To 15,000, Deduct	*-0.29*	
		For >15,000 To 25,000, Deduct	*-0.37*	
		For >25,000, Deduct	*-0.52*	
03 35 43 00-0005	SF	Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels	1.15	
		For Up To 500, Add	*2.15*	
		For >500 To 1,000, Add	*2.00*	
		For >1,000 To 2,500, Add	*1.32*	
		For >2,500 To 4,000, Add	*0.69*	
		For >8,000 To 15,000, Deduct	*-0.27*	
		For >15,000 To 25,000, Deduct	*-0.34*	
		For >25,000, Deduct	*-0.48*	
03 35 43 00-0006	SF	Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels	1.06	
		For Up To 500, Add	*1.98*	
		For >500 To 1,000, Add	*1.84*	
		For >1,000 To 2,500, Add	*1.21*	
		For >2,500 To 4,000, Add	*0.63*	
		For >8,000 To 15,000, Deduct	*-0.24*	
		For >15,000 To 25,000, Deduct	*-0.31*	
		For >25,000, Deduct	*-0.44*	
03 35 43 00-0007	SF	Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels	1.06	
		For Up To 500, Add	*1.98*	
		For >500 To 1,000, Add	*1.84*	
		For >1,000 To 2,500, Add	*1.21*	
		For >2,500 To 4,000, Add	*0.63*	
		For >8,000 To 15,000, Deduct	*-0.24*	
		For >15,000 To 25,000, Deduct	*-0.31*	
		For >25,000, Deduct	*-0.44*	
03 35 43 00-0008	SF	Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels	1.06	
		For Up To 500, Add	*1.98*	
		For >500 To 1,000, Add	*1.84*	
		For >1,000 To 2,500, Add	*1.21*	
		For >2,500 To 4,000, Add	*0.63*	
		For >8,000 To 15,000, Deduct	*-0.24*	
		For >15,000 To 25,000, Deduct	*-0.31*	
		For >25,000, Deduct	*-0.44*	
03 35 43 00-0009	SF	Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels	1.06	
		For Up To 500, Add	*1.98*	
		For >500 To 1,000, Add	*1.84*	
		For >1,000 To 2,500, Add	*1.21*	
		For >2,500 To 4,000, Add	*0.63*	
		For >8,000 To 15,000, Deduct	*-0.24*	
		For >15,000 To 25,000, Deduct	*-0.31*	
		For >25,000, Deduct	*-0.44*	
03 35 43 00-0010	SF	High Speed Burnish Concrete Floor With Diamond Pads	0.26	
		For Up To 500, Add	*0.43*	
		For >500 To 1,000, Add	*0.40*	
		For >1,000 To 2,500, Add	*0.26*	
		For >2,500 To 4,000, Add	*0.14*	
		For >8,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 25,000, Deduct	*-0.07*	
		For >25,000, Deduct	*-0.09*	
03 35 43 00-0011	SF	Apply 1 Coat Of Concrete Densifier For Concrete Floor Polishing	0.50	
		For Up To 500, Add	*0.54*	
		For >500 To 1,000, Add	*0.50*	
		For >1,000 To 2,500, Add	*0.33*	
		For >2,500 To 4,000, Add	*0.17*	
		For >8,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 25,000, Deduct	*-0.09*	
		For >25,000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0012	SF	Apply 2 Coats Of Concrete Densifier With Stain Protector For Concrete Floor Polishing	0.86	
		For Up To 500, Add	*0.80*	
		For >500 To 1,000, Add	*0.74*	
		For >1,000 To 2,500, Add	*0.49*	
		For >2,500 To 4,000, Add	*0.25*	
		For >8,000 To 15,000, Deduct	*-0.10*	
		For >15,000 To 25,000, Deduct	*-0.13*	
		For >25,000, Deduct	*-0.18*	
03 35 43 00-0013	SF	Concrete Floor Polishing Final Clean Up	0.14	
		For Up To 500, Add	*0.27*	
		For >500 To 1,000, Add	*0.25*	
		For >1,000 To 2,500, Add	*0.17*	
		For >2,500 To 4,000, Add	*0.09*	
		For >8,000 To 15,000, Deduct	*-0.03*	
		For >15,000 To 25,000, Deduct	*-0.04*	
		For >25,000, Deduct	*-0.06*	

03 35 63 Slip-Resistant Floor Finishing *(03 35)*

03 35 63 00-0001 Slip-Resistant Floor Finishing *(03 35 63)*

03 35 63 00-0002	SF	Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF	1.56	
		For Up To 100, Add	*1.86*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.23*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.09*	
03 35 63 00-0003	SF	Silicone Carbide Abrasive Floor Finish 0.25 LB/SF	1.28	
		For Up To 100, Add	*1.86*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.23*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.09*	

03 35 66 Acid Etch Floor Finishing *(03 35)*

03 35 66 00-0001 Acid Etch Floor *(03 35 66)*

03 35 66 00-0002	SF	Concrete Floor Finishes, Etch With Acid And Rinse	0.96	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.11*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000, Deduct	*-0.05*	

03 35 83 Concrete Wall Finishing *(03 35)*

03 35 83 00-0001 Wall Finishes *(03 35 83)*

03 35 83 00-0002	SF	Burlap Rub With Grout, New Concrete Wall Finishes	1.72	
		For Up To 100, Add	*3.26*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.41*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000, Deduct	*-0.16*	
03 35 83 00-0003	SF	1/16" Float Finish, New Concrete Wall Finishes	2.58	
		For Up To 100, Add	*4.88*	
		For >100 To 250, Add	*1.22*	
		For >250 To 500, Add	*0.61*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000, Deduct	*-0.24*	
03 35 83 00-0004	SF	Etch With Acid And Rinse, New Concrete Wall Finishes	1.05	
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.14*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000, Deduct	*-0.05*	
03 35 83 00-0005	SF	Bush Hammer Green Concrete, New Concrete Wall Finishes	5.21	
		For Up To 100, Add	*10.32*	
		For >100 To 250, Add	*2.58*	
		For >250 To 500, Add	*1.29*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000, Deduct	*-0.52*	
03 35 83 00-0006	SF	Bush Hammer Cured Concrete, New Concrete Wall Finishes	8.07	
		For Up To 100, Add	*15.96*	
		For >100 To 250, Add	*3.99*	
		For >250 To 500, Add	*2.00*	
		For >5,000 To 10,000, Deduct	*-0.40*	
		For >10,000, Deduct	*-0.80*	
03 35 83 00-0007	SF	Break Ties And Patch, New Concrete Wall Finishes	0.99	
		For Up To 100, Add	*1.74*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.22*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000, Deduct	*-0.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 83 00-0008	SF	Carborundum Dry Rub, New Concrete Wall Finishes	3.37	
		For Up To 100, Add	*6.50*	
		For >100 To 250, Add	*1.63*	
		For >250 To 500, Add	*0.81*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000, Deduct	*-0.33*	
03 35 83 00-0009	SF	Carborundum Wet Rub, New Concrete Wall Finishes	5.14	
		For Up To 100, Add	*10.04*	
		For >100 To 250, Add	*2.51*	
		For >250 To 500, Add	*1.26*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000, Deduct	*-0.50*	
03 35 83 00-0010	SF	Up To 1/4" Penetration Abrasive Media Blasting, New Concrete Wall Finishes Note: 4.5 Lbs of sand or abrasive media material per SF	5.41	
		For Up To 100, Add	*8.62*	
		For >100 To 250, Add	*2.16*	
		For >250 To 500, Add	*1.08*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000, Deduct	*-0.43*	
03 35 83 00-0011	SF	>1/4" To 1/2" Penetration Abrasive Media Blasting, New Concrete Wall Finishes Note: 9 Lbs of sand abrasive media material per SF	10.83	
		For Up To 100, Add	*17.28*	
		For >100 To 250, Add	*4.32*	
		For >250 To 500, Add	*2.16*	
		For >5,000 To 10,000, Deduct	*-0.43*	
		For >10,000, Deduct	*-0.86*	

03 37 Specialty Placed Concrete *(03 30)*

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

03 37 13 Shotcrete *(03 37)*

03 37 13 00-0001 Shotcrete, Fiber Reinforced, Structural Repair *(03 37 13)*

03 37 13 00-0002	SF	1" Thick Shotcrete, Fiber Reinforced	3.43	
		For Up To 25, Add	*0.65*	
		For >25 To 50, Add	*0.38*	
		For >50 To 150, Add	*0.15*	
03 37 13 00-0003	SF	2" Thick Shotcrete, Fiber Reinforced	6.45	
		For Up To 25, Add	*1.20*	
		For >25 To 50, Add	*0.69*	
		For >50 To 150, Add	*0.28*	
03 37 13 00-0004	SF	3" Thick Shotcrete, Fiber Reinforced	9.12	
		For Up To 25, Add	*1.66*	
		For >25 To 50, Add	*0.95*	
		For >50 To 150, Add	*0.37*	
03 37 13 00-0005	SF	4" Thick Shotcrete, Fiber Reinforced	11.50	
		For Up To 25, Add	*2.05*	
		For >25 To 50, Add	*1.17*	
		For >50 To 150, Add	*0.45*	
03 37 13 00-0006	SF	6" Thick Shotcrete, Fiber Reinforced	15.55	
		For Up To 25, Add	*2.64*	
		For >25 To 50, Add	*1.50*	
		For >50 To 150, Add	*0.54*	

03 37 13 00-0007 Gunite (Dry Mix Shotcrete), Sprayed *(03 37 13)*

See CSI section 03 22 11 00-0001 for wire mesh reinforcing.

03 37 13 00-0008	SF	1" Thick Gunite (Dry Mix Shotcrete), Sprayed	3.76	
		For Radius Or Irregular Surface, Add	*1.13*	
		For Up To 25, Add	*0.80*	
		For >25 To 50, Add	*0.47*	
		For >50 To 150, Add	*0.21*	
03 37 13 00-0009	SF	2" Thick Gunite (Dry Mix Shotcrete), Sprayed	6.95	
		For Radius Or Irregular Surface, Add	*2.03*	
		For Up To 25, Add	*1.46*	
		For >25 To 50, Add	*0.85*	
		For >50 To 150, Add	*0.38*	
03 37 13 00-0010	SF	3" Thick Gunite (Dry Mix Shotcrete), Sprayed	9.67	
		For Radius Or Irregular Surface, Add	*2.74*	
		For Up To 25, Add	*1.99*	
		For >25 To 50, Add	*1.17*	
		For >50 To 150, Add	*0.51*	
03 37 13 00-0011	SF	4" Thick Gunite (Dry Mix Shotcrete), Sprayed	11.99	
		For Radius Or Irregular Surface, Add	*3.29*	
		For Up To 25, Add	*2.43*	
		For >25 To 50, Add	*1.42*	
		For >50 To 150, Add	*0.62*	
03 37 13 00-0012	SF	5" Thick Gunite (Dry Mix Shotcrete), Sprayed	13.95	
		For Radius Or Irregular Surface, Add	*3.70*	
		For Up To 25, Add	*2.78*	
		For >25 To 50, Add	*1.62*	
		For >50 To 150, Add	*0.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 37 13 00-0013	SF	6" Thick Gunite (Dry Mix Shotcrete), Sprayed	15.62	
		For Radius Or Irregular Surface, Add	*3.99*	
		For Up To 25, Add	*3.06*	
		For >25 To 50, Add	*1.78*	
		For >50 To 150, Add	*0.75*	
03 37 13 00-0014	SF	8" Thick Gunite (Dry Mix Shotcrete), Sprayed	19.50	
		For Radius Or Irregular Surface, Add	*4.79*	
		For Up To 25, Add	*3.75*	
		For >25 To 50, Add	*2.17*	
		For >50 To 150, Add	*0.90*	
03 37 13 00-0015	SF	10" Thick Gunite (Dry Mix Shotcrete), Sprayed	22.89	
		For Radius Or Irregular Surface, Add	*5.39*	
		For Up To 25, Add	*4.31*	
		For >25 To 50, Add	*2.49*	
		For >50 To 150, Add	*1.01*	
03 37 13 00-0016	SF	12" Thick Gunite (Dry Mix Shotcrete), Sprayed	25.84	
		For Radius Or Irregular Surface, Add	*5.82*	
		For Up To 25, Add	*4.77*	
		For >25 To 50, Add	*2.75*	
		For >50 To 150, Add	*1.09*	

03 37 16 Pumped Concrete *(03 37)*

03 37 16 00-0001 Concrete Pumping With Boom Truck *(03 37 16)*

Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach. See CSI section 03 31 13 00-0010 for concrete placement.

03 37 16 00-0002	HR	55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating)	243.91	
03 37 16 00-0003	HR	70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	264.87	
03 37 16 00-0004	HR	90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	340.59	
03 37 16 00-0005	HR	105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	387.72	
03 37 16 00-0006	HR	120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	436.36	
03 37 16 00-0007	HR	135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	539.37	
03 37 16 00-0008	HR	148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	600.83	
03 37 16 00-0009	HR	170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating)	749.69	
03 37 16 00-0010	HR	35 CY/HR, 66 HP Trailer Mounted Concrete Pump Note: Includes hoses	169.72	

03 39 Concrete Curing *(03 30)*

03 39 13 Water Concrete Curing *(03 39)*

03 39 13 00-0001 Water Concrete Curing *(03 39 13)*

03 39 13 00-0002	SF	Water Based Curing, Sealing, Hardening And Dustproofing Compound Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.	0.35	

03 39 23 Membrane Concrete Curing *(03 39)*

03 39 23 23 Sheet Membrane Concrete Curing *(03 39 23)*

03 39 23 23-0001 Warm Weather Concrete Curing Blankets *(03 39 23 23)*

03 39 23 23-0002	CSF	Warm Weather Concrete Curing Blankets	32.89	

03 39 23 23-0003 Cold Weather Concrete Curing Blankets *(03 39 23 23)*

03 39 23 23-0004	CSF	Electric, Cold Weather Concrete Curing Blanket	295.66	
03 39 23 23-0005	CSF	Non-Electric, Cold Weather Concrete Curing Blanket	37.39	

03 40 Precast Concrete *(03)*

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Includes the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

03 41 Precast Structural Concrete *(03 40)*

03 41 16 Precast Concrete Slabs *(03 41)*

03 41 16 00-0001 Flat Floor Slab/Floor Plank *(03 41 16)*

03 41 16 00-0002 Erection Costs For Using A 90 Ton Crawler Crane *(03 41 16 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0003	EA	Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane	349.55	279.66
03 41 16 00-0004	EA	Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	388.57	310.80
03 41 16 00-0005	EA	Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	412.61	330.06
03 41 16 00-0006	EA	Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane	437.41	349.96
03 41 16 00-0007	EA	Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	468.11	374.47
03 41 16 00-0008	EA	Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	500.29	400.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 16 00-0009	EA	Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	537.22	429.74
03 41 16 00-0010	EA	Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	584.28	467.39
03 41 16 00-0011	EA	Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane	635.29	508.29
03 41 16 00-0012		Material Cost *(03 41 16 00-0001)*		
		Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.		
03 41 16 00-0013	SF	4" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	30.09	
		For 3,500 PSI Concrete, Add	*0.60*	
		For 4,000 PSI Concrete, Add	*0.90*	
		For 4,500 PSI Concrete, Add	*1.20*	
		For 5,000 PSI Concrete, Add	*1.81*	
03 41 16 00-0014	SF	5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	36.11	
		For 3,500 PSI Concrete, Add	*0.72*	
		For 4,000 PSI Concrete, Add	*1.08*	
		For 4,500 PSI Concrete, Add	*1.44*	
		For 5,000 PSI Concrete, Add	*2.17*	
03 41 16 00-0015	SF	6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	44.13	
		For 3,500 PSI Concrete, Add	*0.88*	
		For 4,000 PSI Concrete, Add	*1.32*	
		For 4,500 PSI Concrete, Add	*1.77*	
		For 5,000 PSI Concrete, Add	*2.65*	
03 41 16 00-0016	SF	8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	58.58	
		For 3,500 PSI Concrete, Add	*1.17*	
		For 4,000 PSI Concrete, Add	*1.76*	
		For 4,500 PSI Concrete, Add	*2.34*	
		For 5,000 PSI Concrete, Add	*3.51*	
03 41 16 00-0017		Floor Units, Combination Beam And Slab *(03 41 16)*		
03 41 16 00-0018		Erection Costs For Using 90 Ton Crawler Crane *(03 41 16 00-0017)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 16 00-0019	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane	429.15	343.30
03 41 16 00-0020	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane	467.75	374.24
03 41 16 00-0021	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane	516.99	413.54
03 41 16 00-0022	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane	574.06	459.21
03 41 16 00-0023	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane	645.29	516.18
03 41 16 00-0024		Erection Costs Using A 125 Ton Crawler Crane *(03 41 16 00-0017)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 16 00-0025	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane	545.47	436.40
03 41 16 00-0026	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane	594.53	475.59
03 41 16 00-0027	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane	657.11	525.74
03 41 16 00-0028	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane	729.65	583.74
03 41 16 00-0029	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane	820.19	656.22
03 41 16 00-0030	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane	891.80	713.38
03 41 16 00-0031	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane	985.67	788.54
03 41 16 00-0032	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane	1,090.94	872.81
03 41 16 00-0033	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane	1,234.80	987.84
03 41 16 00-0034		Material Cost *(03 41 16 00-0017)*		
		Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation.		
03 41 16 00-0035		4" Slab *(03 41 16 00-0034)*		
03 41 16 00-0036	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	3,169.44	
		For 3,500 PSI Concrete, Add	*63.39*	
		For 4,000 PSI Concrete, Add	*95.08*	
		For 4,500 PSI Concrete, Add	*126.78*	
		For 5,000 PSI Concrete, Add	*190.17*	
03 41 16 00-0037	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	3,209.56	
		For 3,500 PSI Concrete, Add	*64.19*	
		For 4,000 PSI Concrete, Add	*96.29*	
		For 4,500 PSI Concrete, Add	*128.38*	
		For 5,000 PSI Concrete, Add	*192.57*	
03 41 16 00-0038	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	3,610.76	
		For 3,500 PSI Concrete, Add	*72.22*	
		For 4,000 PSI Concrete, Add	*108.32*	
		For 4,500 PSI Concrete, Add	*144.43*	
		For 5,000 PSI Concrete, Add	*216.65*	
03 41 16 00-0039		5" Slab *(03 41 16 00-0034)*		
03 41 16 00-0040	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	3,249.68	
		For 3,500 PSI Concrete, Add	*64.99*	
		For 4,000 PSI Concrete, Add	*97.49*	
		For 4,500 PSI Concrete, Add	*129.99*	
		For 5,000 PSI Concrete, Add	*194.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 16 00-0041	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	3,370.04	
		For 3,500 PSI Concrete, Add	*67.40*	
		For 4,000 PSI Concrete, Add	*101.10*	
		For 4,500 PSI Concrete, Add	*134.80*	
		For 5,000 PSI Concrete, Add	*202.20*	
03 41 16 00-0042	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	4,292.79	
		For 3,500 PSI Concrete, Add	*85.86*	
		For 4,000 PSI Concrete, Add	*128.78*	
		For 4,500 PSI Concrete, Add	*171.71*	
		For 5,000 PSI Concrete, Add	*257.57*	

03 41 16 00-0043 6" Slab *(03 41 16 00-0034)*

03 41 16 00-0044	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	3,370.04	
		For 3,500 PSI Concrete, Add	*67.40*	
		For 4,000 PSI Concrete, Add	*101.10*	
		For 4,500 PSI Concrete, Add	*134.80*	
		For 5,000 PSI Concrete, Add	*202.20*	
03 41 16 00-0045	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	4,011.95	
		For 3,500 PSI Concrete, Add	*80.24*	
		For 4,000 PSI Concrete, Add	*120.36*	
		For 4,500 PSI Concrete, Add	*160.48*	
		For 5,000 PSI Concrete, Add	*240.72*	
03 41 16 00-0046	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	4,894.58	
		For 3,500 PSI Concrete, Add	*97.89*	
		For 4,000 PSI Concrete, Add	*146.84*	
		For 4,500 PSI Concrete, Add	*195.78*	
		For 5,000 PSI Concrete, Add	*293.67*	

03 41 19 Precast Concrete Wall Panels *(03 41)*

03 41 19 00-0001 Structural Wall Panels *(03 41 19)*

Note: Gray, smooth form or board finish one side.

03 41 19 00-0002 Erection Cost Using 50 Ton Hydraulic Crane *(03 41 19 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0003	EA	Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	344.53	275.64
03 41 19 00-0004	EA	Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	382.99	306.34
03 41 19 00-0005	EA	Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	431.13	344.93
03 41 19 00-0006	EA	Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	461.39	369.09
03 41 19 00-0007	EA	Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	493.11	394.48
03 41 19 00-0008	EA	Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	529.50	423.57
03 41 19 00-0009	EA	Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	575.89	460.68
03 41 19 00-0010	EA	Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	626.17	500.99

03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane *(03 41 19 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0012	EA	Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	386.04	308.81
03 41 19 00-0013	EA	Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	429.15	343.30
03 41 19 00-0014	EA	Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	483.09	386.52
03 41 19 00-0015	EA	Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	516.99	413.54
03 41 19 00-0016	EA	Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	552.53	442.02
03 41 19 00-0017	EA	Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	593.32	474.68
03 41 19 00-0018	EA	Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	645.29	516.18
03 41 19 00-0019	EA	Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	701.62	561.25
03 41 19 00-0020	EA	Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	775.47	620.43
03 41 19 00-0021	EA	Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	858.29	686.60
03 41 19 00-0022	EA	Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	971.48	777.22
03 41 19 00-0023	EA	Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,105.05	884.04
03 41 19 00-0024	EA	Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane	1,281.22	1,025.00

03 41 19 00-0025 Material Cost *(03 41 19 00-0001)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

03 41 19 00-0026	SF	4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	40.12	
		For 3,500 PSI Concrete, Add	*0.80*	
		For 4,000 PSI Concrete, Add	*1.20*	
		For 4,500 PSI Concrete, Add	*1.60*	
		For 5,000 PSI Concrete, Add	*2.41*	
		For White Facing, Add	*8.02*	
		For Solid White Through Thickness, Add	*8.02*	
		For Broken Rib Finish, Add	*4.01*	
		For Fluted Surface, Add	*4.01*	
		For Exposed Aggregate, Add	*8.02*	
		For Sandblasting Of Surface, Add	*4.01*	
		For 2" Polystyrene Insulation, Add	*2.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0027	SF	5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	49.35	
		For 3,500 PSI Concrete, Add	*0.99*	
		For 4,000 PSI Concrete, Add	*1.48*	
		For 4,500 PSI Concrete, Add	*1.97*	
		For 5,000 PSI Concrete, Add	*2.96*	
		For White Facing, Add	*9.87*	
		For Solid White Through Thickness, Add	*9.87*	
		For Broken Rib Finish, Add	*4.94*	
		For Fluted Surface, Add	*4.94*	
		For Exposed Aggregate, Add	*9.87*	
		For Sandblasting Of Surface, Add	*4.94*	
		For 2" Polystyrene Insulation, Add	*2.15*	
03 41 19 00-0028	SF	6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	59.38	
		For 3,500 PSI Concrete, Add	*1.19*	
		For 4,000 PSI Concrete, Add	*1.78*	
		For 4,500 PSI Concrete, Add	*2.38*	
		For 5,000 PSI Concrete, Add	*3.56*	
		For White Facing, Add	*11.88*	
		For Solid White Through Thickness, Add	*11.88*	
		For Broken Rib Finish, Add	*5.94*	
		For Fluted Surface, Add	*5.94*	
		For Exposed Aggregate, Add	*11.88*	
		For Sandblasting Of Surface, Add	*5.94*	
		For 2" Polystyrene Insulation, Add	*2.15*	
03 41 19 00-0029	SF	8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	78.23	
		For 3,500 PSI Concrete, Add	*1.56*	
		For 4,000 PSI Concrete, Add	*2.35*	
		For 4,500 PSI Concrete, Add	*3.13*	
		For 5,000 PSI Concrete, Add	*4.69*	
		For White Facing, Add	*15.65*	
		For Solid White Through Thickness, Add	*15.65*	
		For Broken Rib Finish, Add	*7.82*	
		For Fluted Surface, Add	*7.82*	
		For Exposed Aggregate, Add	*15.65*	
		For Sandblasting Of Surface, Add	*7.82*	
		For 2" Polystyrene Insulation, Add	*2.15*	

03 41 19 00-0030 Partition Panels *(03 41 19)*

03 41 19 00-0031 Erection Costs Using 20 Ton Hydraulic Crane *(03 41 19 00-0030)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0032	EA	Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane	273.51	218.77
03 41 19 00-0033	EA	Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane	304.04	243.26
03 41 19 00-0034	EA	Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane	342.26	273.79
03 41 19 00-0035	EA	Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane	391.46	313.16
03 41 19 00-0036	EA	Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane	420.36	336.32
03 41 19 00-0037	EA	Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane	457.17	365.73
03 41 19 00-0038	EA	Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane	497.09	397.72
03 41 19 00-0039	EA	Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane	549.41	439.55

03 41 19 00-0040 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0030)*

Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0041	EA	Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	344.53	275.64
03 41 19 00-0042	EA	Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane	382.99	306.34
03 41 19 00-0043	EA	Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	431.13	344.93
03 41 19 00-0044	EA	Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	493.11	394.48
03 41 19 00-0045	EA	Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	529.50	423.57
03 41 19 00-0046	EA	Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	575.89	460.68
03 41 19 00-0047	EA	Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	626.17	500.99
03 41 19 00-0048	EA	Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	692.07	553.63
03 41 19 00-0049	EA	Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane	765.99	612.81
03 41 19 00-0050	EA	Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane	867.00	693.55
03 41 19 00-0051	EA	Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane	986.21	788.97
03 41 19 00-0052	EA	Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane	1,143.43	914.70

03 41 19 00-0053 Material Cost *(03 41 19 00-0030)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

03 41 19 00-0054	SF	4" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	38.11	
		For 4,000 PSI Concrete, Add	*1.14*	
		For 4,500 PSI Concrete, Add	*1.52*	
		For 5,000 PSI Concrete, Add	*2.29*	
		For White Facing, Add	*7.62*	
		For Solid White Through Thickness, Add	*7.62*	
		For Broken Rib Finish, Add	*3.81*	
		For Fluted Surface, Add	*3.81*	
		For Exposed Aggregate, Add	*7.62*	
		For Sandblasting Of Surface, Add	*3.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0055	SF	5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	46.94	
		For 4,000 PSI Concrete, Add	*1.41*	
		For 4,500 PSI Concrete, Add	*1.88*	
		For 5,000 PSI Concrete, Add	*2.82*	
		For White Facing, Add	*9.39*	
		For Solid White Through Thickness, Add	*9.39*	
		For Broken Rib Finish, Add	*4.69*	
		For Fluted Surface, Add	*4.69*	
		For Exposed Aggregate, Add	*9.39*	
		For Sandblasting Of Surface, Add	*4.69*	
03 41 19 00-0056	SF	6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	56.17	
		For 4,000 PSI Concrete, Add	*1.69*	
		For 4,500 PSI Concrete, Add	*2.25*	
		For 5,000 PSI Concrete, Add	*3.37*	
		For White Facing, Add	*11.23*	
		For Solid White Through Thickness, Add	*11.23*	
		For Broken Rib Finish, Add	*5.62*	
		For Fluted Surface, Add	*5.62*	
		For Exposed Aggregate, Add	*11.23*	
		For Sandblasting Of Surface, Add	*5.62*	
03 41 19 00-0057	SF	8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	74.22	
		For 4,000 PSI Concrete, Add	*2.23*	
		For 4,500 PSI Concrete, Add	*2.97*	
		For 5,000 PSI Concrete, Add	*4.45*	
		For White Facing, Add	*14.84*	
		For Solid White Through Thickness, Add	*14.84*	
		For Broken Rib Finish, Add	*7.42*	
		For Fluted Surface, Add	*7.42*	
		For Exposed Aggregate, Add	*14.84*	
		For Sandblasting Of Surface, Add	*7.42*	

03 41 19 00-0058 Cladding Panels *(03 41 19)*

03 41 19 00-0059 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0058)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0060	EA	Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	363.58	290.81
03 41 19 00-0061	EA	Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	406.69	325.32
03 41 19 00-0062	EA	Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	461.39	369.09
03 41 19 00-0063	EA	Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	493.11	394.48
03 41 19 00-0064	EA	Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	529.50	423.57
03 41 19 00-0065	EA	Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	575.89	460.68
03 41 19 00-0066	EA	Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	626.17	500.99
03 41 19 00-0067	EA	Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	692.07	553.63

03 41 19 00-0068 Erection Costs Using 90 Ton Crawler Crane *(03 41 19 00-0058)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0069	EA	Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	407.39	325.87
03 41 19 00-0070	EA	Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	455.69	364.54
03 41 19 00-0071	EA	Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	516.99	413.54
03 41 19 00-0072	EA	Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	552.53	442.02
03 41 19 00-0073	EA	Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	593.32	474.68
03 41 19 00-0074	EA	Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	645.29	516.18
03 41 19 00-0075	EA	Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane	701.62	561.25
03 41 19 00-0076	EA	Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	775.47	620.43
03 41 19 00-0077	EA	Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	858.29	686.60
03 41 19 00-0078	EA	Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	971.48	777.22
03 41 19 00-0079	EA	Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	1,105.05	884.04
03 41 19 00-0080	EA	Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,281.22	1,025.00

03 41 19 00-0081 Material Cost *(03 41 19 00-0058)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

03 41 19 00-0082	SF	4" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	38.11	
		For 3,500 PSI Concrete, Add	*0.76*	
		For 4,000 PSI Concrete, Add	*1.14*	
		For 4,500 PSI Concrete, Add	*1.52*	
		For 5,000 PSI Concrete, Add	*2.29*	
		For White Facing, Add	*7.62*	
		For Solid White Through Thickness, Add	*7.62*	
		For Broken Rib Finish, Add	*3.81*	
		For Fluted Surface, Add	*3.81*	
		For Exposed Aggregate, Add	*7.62*	
		For Sandblasting Of Surface, Add	*3.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0083	SF	5" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	46.94	
		For 3,500 PSI Concrete, Add	*0.94*	
		For 4,000 PSI Concrete, Add	*1.41*	
		For 4,500 PSI Concrete, Add	*1.88*	
		For 5,000 PSI Concrete, Add	*2.82*	
		For White Facing, Add	*9.39*	
		For Solid White Through Thickness, Add	*9.39*	
		For Broken Rib Finish, Add	*4.69*	
		For Fluted Surface, Add	*4.69*	
		For Exposed Aggregate, Add	*9.39*	
		For Sandblasting Of Surface, Add	*4.69*	
03 41 19 00-0084	SF	6" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	56.17	
		For 3,500 PSI Concrete, Add	*1.12*	
		For 4,000 PSI Concrete, Add	*1.69*	
		For 4,500 PSI Concrete, Add	*2.25*	
		For 5,000 PSI Concrete, Add	*3.37*	
		For White Facing, Add	*11.23*	
		For Solid White Through Thickness, Add	*11.23*	
		For Broken Rib Finish, Add	*5.62*	
		For Fluted Surface, Add	*5.62*	
		For Exposed Aggregate, Add	*11.23*	
		For Sandblasting Of Surface, Add	*5.62*	
03 41 19 00-0085	SF	8" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	74.22	
		For 3,500 PSI Concrete, Add	*1.48*	
		For 4,000 PSI Concrete, Add	*2.23*	
		For 4,500 PSI Concrete, Add	*2.97*	
		For 5,000 PSI Concrete, Add	*4.45*	
		For White Facing, Add	*14.84*	
		For Solid White Through Thickness, Add	*14.84*	
		For Broken Rib Finish, Add	*7.42*	
		For Fluted Surface, Add	*7.42*	
		For Exposed Aggregate, Add	*14.84*	
		For Sandblasting Of Surface, Add	*7.42*	
03 41 19 00-0086		**Sandwich Panel** *(03 41 19)*		
03 41 19 00-0087		**Erection Costs Using 50 Ton Hydraulic Crane** *(03 41 19 00-0086)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0088	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	363.58	290.81
03 41 19 00-0089	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	406.69	325.32
03 41 19 00-0090	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	461.39	369.09
03 41 19 00-0091	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	493.11	394.48
03 41 19 00-0092	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	529.50	423.57
03 41 19 00-0093	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	575.89	460.68
03 41 19 00-0094	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	626.17	500.99
03 41 19 00-0095	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	692.07	553.63
03 41 19 00-0096		**Erection Costs Using 90 Ton Crawler Crane** *(03 41 19 00-0086)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0097	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	368.87	295.04
03 41 19 00-0098	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	412.61	330.06
03 41 19 00-0099	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	468.11	374.47
03 41 19 00-0100	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	500.29	400.23
03 41 19 00-0101	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	537.22	429.74
03 41 19 00-0102	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	584.28	467.39
03 41 19 00-0103	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	635.29	508.29
03 41 19 00-0104	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	702.16	561.69
03 41 19 00-0105	EA	Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	777.15	621.74
03 41 19 00-0106	EA	Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	879.63	703.65
03 41 19 00-0107	EA	Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	1,000.58	800.46
03 41 19 00-0108	EA	Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,160.08	928.03
03 41 19 00-0109		**Material Cost** *(03 41 19 00-0086)*		
		Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.		
03 41 19 00-0110	SF	4" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	52.16	
		For 3,500 PSI Concrete, Add	*1.04*	
		For 4,000 PSI Concrete, Add	*1.56*	
		For 4,500 PSI Concrete, Add	*2.09*	
		For 5,000 PSI Concrete, Add	*3.13*	
		For White Facing, Add	*10.43*	
		For Solid White Through Thickness, Add	*10.43*	
		For Broken Rib Finish, Add	*5.22*	
		For Fluted Surface, Add	*5.22*	
		For Exposed Aggregate, Add	*10.43*	
		For Sandblasting Of Surface, Add	*5.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0111	SF	5" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	61.38	
		For 3,500 PSI Concrete, Add	*1.23*	
		For 4,000 PSI Concrete, Add	*1.84*	
		For 4,500 PSI Concrete, Add	*2.46*	
		For 5,000 PSI Concrete, Add	*3.68*	
		For White Facing, Add	*12.28*	
		For Solid White Through Thickness, Add	*12.28*	
		For Broken Rib Finish, Add	*6.14*	
		For Fluted Surface, Add	*6.14*	
		For Exposed Aggregate, Add	*12.28*	
		For Sandblasting Of Surface, Add	*6.14*	
03 41 19 00-0112	SF	6" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	71.41	
		For 3,500 PSI Concrete, Add	*1.43*	
		For 4,000 PSI Concrete, Add	*2.14*	
		For 4,500 PSI Concrete, Add	*2.86*	
		For 5,000 PSI Concrete, Add	*4.28*	
		For White Facing, Add	*14.28*	
		For Solid White Through Thickness, Add	*14.28*	
		For Broken Rib Finish, Add	*7.14*	
		For Fluted Surface, Add	*7.14*	
		For Exposed Aggregate, Add	*14.28*	
		For Sandblasting Of Surface, Add	*7.14*	
03 41 19 00-0113	SF	8" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	90.27	
		For 3,500 PSI Concrete, Add	*1.81*	
		For 4,000 PSI Concrete, Add	*2.71*	
		For 4,500 PSI Concrete, Add	*3.61*	
		For 5,000 PSI Concrete, Add	*5.42*	
		For White Facing, Add	*18.05*	
		For Solid White Through Thickness, Add	*18.05*	
		For Broken Rib Finish, Add	*9.03*	
		For Fluted Surface, Add	*9.03*	
		For Exposed Aggregate, Add	*18.05*	
		For Sandblasting Of Surface, Add	*9.03*	

03 41 23 Precast Concrete Stairs *(03 41)*

03 41 23 00-0001 Erection Costs Using A 50 Ton Hydraulic Crane *(03 41 23)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0002	EA	Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane	382.99	306.34
03 41 23 00-0003	EA	Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	406.69	325.32
03 41 23 00-0004	EA	Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	431.13	344.93
03 41 23 00-0005	EA	Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	461.39	369.09
03 41 23 00-0006	EA	Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	493.11	394.48
03 41 23 00-0007	EA	Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	529.50	423.57
03 41 23 00-0008	EA	Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	575.89	460.68
03 41 23 00-0009	EA	Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	626.17	500.99

03 41 23 00-0010 Erection Costs Using A 90 Ton Crawler Crane *(03 41 23)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0011	EA	Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane	382.99	306.34
03 41 23 00-0012	EA	Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	406.69	325.32
03 41 23 00-0013	EA	Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	431.13	344.93
03 41 23 00-0014	EA	Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	461.39	369.09
03 41 23 00-0015	EA	Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	493.11	394.48
03 41 23 00-0016	EA	Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	529.50	423.57
03 41 23 00-0017	EA	Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	575.89	460.68
03 41 23 00-0018	EA	Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	626.17	500.99

03 41 23 00-0019 Material Cost *(03 41 23)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.

03 41 23 00-0020	EA	3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser	804.04	
		For 3,500 PSI Concrete, Add	*104.93*	
		For 4,000 PSI Concrete, Add	*197.15*	
		For 4,500 PSI Concrete, Add	*289.78*	
		For 5,000 PSI Concrete, Add	*394.22*	

03 41 26 Precast Concrete Structural Sections *(03 41)*

03 41 26 00-0001 Precast Beams, Girder And Joists *(03 41 26)*

03 41 26 00-0002 Erection Costs Using A 90 Ton Crawler Crane *(03 41 26 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 26 00-0003	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane	483.09	386.52
03 41 26 00-0004	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane	516.99	413.54
03 41 26 00-0005	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane	552.53	442.02
03 41 26 00-0006	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane	593.32	474.68

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0007		**Erection Costs Using A 125 Ton Crawler Crane** *(03 41 26 00-0001)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0008	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane	614.02	491.18
03 41 26 00-0009	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane	657.11	525.74
03 41 26 00-0010	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane	702.29	561.84
03 41 26 00-0011	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane	754.14	603.27
03 41 26 00-0012	EA	Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane	820.19	656.22
03 41 26 00-0013	EA	Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane	891.80	713.38
03 41 26 00-0014	EA	Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 30' Maximum Radius, 125 Ton Crane	985.67	788.54
03 41 26 00-0015	EA	Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane	1,090.94	872.81
03 41 26 00-0016		**Material Cost** *(03 41 26 00-0001)* Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.		
03 41 26 00-0017		**1,000 LB/LF Live Load** *(03 41 26 00-0016)*		
03 41 26 00-0018	LF	Precast Structural Sections, 1,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI	160.78	
		For 3,500 PSI Concrete, Add	*4.39*	
		For 4,000 PSI Concrete, Add	*6.59*	
		For 4,500 PSI Concrete, Add	*8.78*	
		For 5,000 PSI Concrete, Add	*13.18*	
03 41 26 00-0019	LF	Precast Structural Sections, 1,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI	200.98	
		For 3,500 PSI Concrete, Add	*5.49*	
		For 4,000 PSI Concrete, Add	*8.24*	
		For 4,500 PSI Concrete, Add	*10.97*	
		For 5,000 PSI Concrete, Add	*16.48*	
03 41 26 00-0020	LF	Precast Structural Sections, 1,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI	241.18	
		For 3,500 PSI Concrete, Add	*6.58*	
		For 4,000 PSI Concrete, Add	*9.89*	
		For 4,500 PSI Concrete, Add	*13.17*	
		For 5,000 PSI Concrete, Add	*19.78*	
03 41 26 00-0021		**3,000 LB/LF Live Load** *(03 41 26 00-0016)*		
03 41 26 00-0022	LF	Precast Structural Sections, 3,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI	200.98	
		For 3,500 PSI Concrete, Add	*5.49*	
		For 4,000 PSI Concrete, Add	*8.24*	
		For 4,500 PSI Concrete, Add	*10.97*	
		For 5,000 PSI Concrete, Add	*16.48*	
03 41 26 00-0023	LF	Precast Structural Sections, 3,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI	241.18	
		For 3,500 PSI Concrete, Add	*6.58*	
		For 4,000 PSI Concrete, Add	*9.89*	
		For 4,500 PSI Concrete, Add	*13.17*	
		For 5,000 PSI Concrete, Add	*19.78*	
03 41 26 00-0024	LF	Precast Structural Sections, 3,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI	321.57	
		For 3,500 PSI Concrete, Add	*8.78*	
		For 4,000 PSI Concrete, Add	*13.18*	
		For 4,500 PSI Concrete, Add	*17.56*	
		For 5,000 PSI Concrete, Add	*26.37*	
03 41 26 00-0025		**5,000 LB/LF Live Load** *(03 41 26 00-0016)*		
03 41 26 00-0026	LF	Precast Structural Sections, 5,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI	281.37	
		For 3,500 PSI Concrete, Add	*7.68*	
		For 4,000 PSI Concrete, Add	*11.54*	
		For 4,500 PSI Concrete, Add	*15.36*	
		For 5,000 PSI Concrete, Add	*23.07*	
03 41 26 00-0027	LF	Precast Structural Sections, 5,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI	321.57	
		For 3,500 PSI Concrete, Add	*8.78*	
		For 4,000 PSI Concrete, Add	*13.18*	
		For 4,500 PSI Concrete, Add	*17.56*	
		For 5,000 PSI Concrete, Add	*26.37*	
03 41 26 00-0028	LF	Precast Structural Sections, 5,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI	401.96	
		For 3,500 PSI Concrete, Add	*10.97*	
		For 4,000 PSI Concrete, Add	*16.48*	
		For 4,500 PSI Concrete, Add	*21.95*	
		For 5,000 PSI Concrete, Add	*32.96*	
03 41 26 00-0029		**Precast Concrete Columns** *(03 41 26)*		
03 41 26 00-0030		**Erection Costs Using A 90 Ton Crawler Crane** *(03 41 26 00-0029)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0031	EA	Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	279.88	223.88
03 41 26 00-0032	EA	Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	297.57	238.01
03 41 26 00-0033	EA	Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	318.91	255.14
03 41 26 00-0034	EA	Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	342.08	273.66
03 41 26 00-0035	EA	Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	368.87	295.04
03 41 26 00-0036	EA	Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	400.23	320.19
03 41 26 00-0037	EA	Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	437.41	349.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0038		Material Cost *(03 41 26 00-0029)*		
		Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations.		
03 41 26 00-0039		12" x 12" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0040	CY	12" x 12" Precast Column, Tied, Average Reinforced 351 LB/CY	832.19	
		For 3,500 PSI Concrete, Add	*62.41*	
		For 4,000 PSI Concrete, Add	*117.34*	
		For 4,500 PSI Concrete, Add	*173.10*	
		For 5,000 PSI Concrete, Add	*235.51*	
03 41 26 00-0041		16" x 16" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0042	CY	16" x 16" Precast Column, Tied, Average Reinforced 368 LB/CY	852.74	
		For 3,500 PSI Concrete, Add	*63.96*	
		For 4,000 PSI Concrete, Add	*120.24*	
		For 4,500 PSI Concrete, Add	*177.37*	
		For 5,000 PSI Concrete, Add	*241.33*	
03 41 26 00-0043		20" x 20" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0044	CY	20" x 20" Precast Column, Tied, Average Reinforced 357 LB/CY	854.38	
		For 3,500 PSI Concrete, Add	*64.08*	
		For 4,000 PSI Concrete, Add	*120.47*	
		For 4,500 PSI Concrete, Add	*177.71*	
		For 5,000 PSI Concrete, Add	*241.79*	
03 41 26 00-0045		24" x 24" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0046	CY	24" x 24" Precast Column, Tied, Average Reinforced 365 LB/CY	854.38	
		For 3,500 PSI Concrete, Add	*64.08*	
		For 4,000 PSI Concrete, Add	*120.47*	
		For 4,500 PSI Concrete, Add	*177.71*	
		For 5,000 PSI Concrete, Add	*241.79*	
03 41 26 00-0047		28" x 28" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0048	CY	28" x 28" Precast Column, Tied, Average Reinforced 347 LB/CY	854.38	
		For 3,500 PSI Concrete, Add	*64.08*	
		For 4,000 PSI Concrete, Add	*120.47*	
		For 4,500 PSI Concrete, Add	*177.71*	
		For 5,000 PSI Concrete, Add	*241.79*	
03 41 26 00-0049		32" x 32" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0050	CY	32" x 32" Precast Column, Tied, Average Reinforced 351 LB/CY	852.74	
		For 3,500 PSI Concrete, Add	*63.96*	
		For 4,000 PSI Concrete, Add	*120.24*	
		For 4,500 PSI Concrete, Add	*177.37*	
		For 5,000 PSI Concrete, Add	*241.33*	
03 41 26 00-0051		36" x 36" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0052	CY	36" x 36" Precast Column, Tied, Average Reinforced 278 LB/CY	854.38	
		For 3,500 PSI Concrete, Add	*64.08*	
		For 4,000 PSI Concrete, Add	*120.47*	
		For 4,500 PSI Concrete, Add	*177.71*	
		For 5,000 PSI Concrete, Add	*241.79*	
03 41 33		**Precast Structural Pretensioned Concrete** *(03 41)*		
03 41 33 00-0001		Slabs, Roof And Floor Members *(03 41 33)*		
03 41 33 00-0002	SF	4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor	17.07	2.27
03 41 33 00-0003	SF	6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor	21.25	2.27
03 41 33 00-0004	SF	8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor	25.45	2.38
03 41 33 00-0005	SF	10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor	29.66	2.50
03 41 33 00-0006		Tee Members *(03 41 33)*		
03 41 33 00-0007		Multiple Tee, Roof And Floor *(03 41 33 00-0006)*		
03 41 33 00-0008	SF	Prestressed Multiple Tee, Roof And Floor Members	38.28	2.94
03 41 33 00-0009		Double Tee Wall Member *(03 41 33 00-0006)*		
03 41 33 00-0010	SF	Prestressed Double Tee Wall Members Precast Concrete, <40' Span	54.29	8.04
03 41 33 00-0011		Single Tee, Short Span, Roof Members *(03 41 33 00-0006)*		
03 41 33 00-0012	SF	Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span	45.05	4.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0013		**Single Tee, Long Span, Roof Members** *(03 41 33 00-0006)*		
03 41 33 00-0014	SF	Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span	54.00	4.19
03 41 33 00-0015		**Prestressed Concrete Items** *(03 41 33)*		
03 41 33 00-0016		**Prestressed Quad Tee** *(03 41 33 00-0015)*		
03 41 33 00-0017	SF	Tees, Prestressed Quad Tee, Short Spans, Roof	27.68	0.91
03 41 33 00-0018	SF	Tees, Prestressed Quad Tee, Short Spans, Floor	28.89	0.91
03 41 33 00-0019		**Prestressed Double Tee** *(03 41 33 00-0015)*		
03 41 33 00-0020	SF	Tees, Double Tee, Floor Members , 60' Span	46.00	0.79
03 41 33 00-0021	SF	Tees, Double Tee, Floor Members , 80' Span	63.33	0.79
03 41 33 00-0022	SF	Tees, Double Tee, Roof Members, 30' Span	31.41	1.36
03 41 33 00-0023	SF	Tees, Double Tee, Roof Members, 50' Span	48.64	0.91
03 41 33 00-0024	SF	Tees, Double Tee, Wall Members, Up To 55' High	34.05	1.81
03 41 33 00-0025		**Prestressed Single Tee** *(03 41 33 00-0015)*		
03 41 33 00-0026	SF	Tees, Single Tee Roof Members, 40' Span	54.47	2.04
03 41 33 00-0027	SF	Tees, Single Tee Roof Members, 80' Span	63.06	1.25
03 41 33 00-0028	SF	Tees, Single Tee Roof Members, 100' Span	83.41	1.13
03 41 33 00-0029	SF	Tees, Single Tee Roof Members, 120' Span	87.83	1.13
03 41 33 00-0030		**Prestressed Double Tee Floor Members** *(03 41 33 00-0015)*		
03 41 33 00-0031	EA	Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45'	14,076.59	326.42
03 41 33 00-0032	EA	Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'	15,327.93	362.69
03 41 33 00-0033	EA	Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60'	25,635.92	408.02
03 41 33 00-0034	EA	Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'	5,516.80	296.84
03 41 33 00-0035	EA	Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'	7,242.33	326.42
03 41 33 00-0036	EA	Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35'	9,252.41	326.42
03 41 33 00-0037	EA	Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'	10,302.74	362.69
03 41 33 00-0038	EA	Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'	13,173.45	408.02
03 41 33 00-0039	EA	Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'	23,698.98	466.51
03 41 33 00-0040		**Prestressed Double Tee Roof Members** *(03 41 33 00-0015)*		
03 41 33 00-0041	EA	Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'	11,061.47	326.42
03 41 33 00-0042	EA	Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'	14,523.90	362.69
03 41 33 00-0043	EA	Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'	23,826.85	408.02
03 41 33 00-0044	EA	Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'	7,406.28	296.84
03 41 33 00-0045	EA	Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'	7,805.15	326.42
03 41 33 00-0046	EA	Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'	8,649.38	326.42
03 41 33 00-0047	EA	Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'	8,895.69	362.69
03 41 33 00-0048	EA	Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'	11,766.40	408.02
03 41 33 00-0049	EA	Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'	20,281.85	466.51
03 41 33 00-0050		**Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab** *(03 41 33)*		
03 41 33 00-0051	SF	Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete	29.24	
03 41 33 00-0052	SF	Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete	30.44	
03 41 33 00-0053	SF	Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete	31.87	
03 41 33 00-0054	SF	Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete	32.93	
03 41 33 00-0055	SF	Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete	35.19	
03 41 33 00-0056		**Double And Single Tees** *(03 41 33)*		
03 41 33 00-0057		**Double And Single Tees With 16" Roof And Floor Loading** *(03 41 33 00-0056)*		
03 41 33 00-0058	SF	Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	35.35	
03 41 33 00-0059	SF	Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	34.50	
03 41 33 00-0060	SF	Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	32.60	
03 41 33 00-0061	SF	Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	35.35	
03 41 33 00-0062	SF	Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	35.23	
03 41 33 00-0063	SF	Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	54.16	
03 41 33 00-0064	SF	Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	52.96	
03 41 33 00-0065	SF	Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	49.60	
03 41 33 00-0066	SF	Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	54.16	
03 41 33 00-0067	SF	Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	50.79	
03 41 33 00-0068		**Double And Single Tees With 24" Roof And Floor Loading** *(03 41 33 00-0056)*		
03 41 33 00-0069	SF	Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	36.43	
03 41 33 00-0070	SF	Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	35.59	
03 41 33 00-0071	SF	Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	34.40	
03 41 33 00-0072	SF	Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	36.43	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0073	SF	Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	35.23	
03 41 33 00-0074	SF	Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	55.61	
03 41 33 00-0075	SF	Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	54.40	
03 41 33 00-0076	SF	Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	52.50	
03 41 33 00-0077	SF	Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	55.61	
03 41 33 00-0078	SF	Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	54.04	
03 41 33 00-0079		Double And Single Tees With 32" Roof And Floor Loading *(03 41 33 00-0056)*		
03 41 33 00-0080	SF	Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	38.41	
03 41 33 00-0081	SF	Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	37.21	
03 41 33 00-0082	SF	Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	35.99	
03 41 33 00-0083	SF	Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	59.04	
03 41 33 00-0084	SF	Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	57.11	
03 41 33 00-0085	SF	Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	54.81	

03 48 Precast Concrete Specialties *(03 40)*

03 48 16 Precast Concrete Splash Blocks *(03 48)*

03 48 16 00-0001 Precast Concrete Splash Blocks *(03 48 16)*

03 48 16 00-0002	EA	Precast Concrete Splash Blocks, 20" x 12" x 3"	38.11	4.02

03 48 21 Precast Concrete Handrails *(03 48)*

03 48 21 00-0001 Installation Cost *(03 48 21)*

Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.

03 48 21 00-0002	EA	Install Precast Handrails, 0-2 Ton/Handrail	155.95	70.21
03 48 21 00-0003	EA	Install Precast Handrails, Over 2 Ton/Handrail	187.03	84.14

03 48 21 00-0004 Material Cost *(03 48 21)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.

03 48 21 00-0005	CY	4" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,176.03
		For 3,500 PSI Concrete, Add	*207.24*
		For 4,000 PSI Concrete, Add	*389.38*
		For 4,500 PSI Concrete, Add	*572.32*
		For 5,000 PSI Concrete, Add	*778.60*
03 48 21 00-0006	CY	5" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,296.63
		For 3,500 PSI Concrete, Add	*215.11*
		For 4,000 PSI Concrete, Add	*404.17*
		For 4,500 PSI Concrete, Add	*594.05*
		For 5,000 PSI Concrete, Add	*808.17*
03 48 21 00-0007	CY	6" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,417.24
		For 3,500 PSI Concrete, Add	*222.97*
		For 4,000 PSI Concrete, Add	*418.95*
		For 4,500 PSI Concrete, Add	*615.79*
		For 5,000 PSI Concrete, Add	*837.74*
03 48 21 00-0008	CY	8" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,578.05
		For 3,500 PSI Concrete, Add	*233.47*
		For 4,000 PSI Concrete, Add	*438.67*
		For 4,500 PSI Concrete, Add	*644.76*
		For 5,000 PSI Concrete, Add	*877.16*

03 48 22 Precast Concrete Sun Screen and Trellis *(03 48)*

03 48 22 00-0001 Sun Screen Blades *(03 48 22)*

03 48 22 00-0002 Installation Cost *(03 48 22 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.

03 48 22 00-0003	EA	Install Precast Sun Screen Blade, 0-1 Ton/Each	77.97	35.10
03 48 22 00-0004	EA	Install Precast Sun Screen Blade, 1-2 Ton/Each	93.68	42.13
03 48 22 00-0005	EA	Install Precast Sun Screen Blade, 2-3 Ton/Each	117.05	52.71

03 48 22 00-0006 Material Cost *(03 48 22 00-0001)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 22 00-0007	CY	4" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,377.04
		For 3,500 PSI Concrete, Add	*220.35*
		For 4,000 PSI Concrete, Add	*414.03*
		For 4,500 PSI Concrete, Add	*608.54*
		For 5,000 PSI Concrete, Add	*827.88*
03 48 22 00-0008	CY	5" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,497.65
		For 3,500 PSI Concrete, Add	*228.22*
		For 4,000 PSI Concrete, Add	*428.81*
		For 4,500 PSI Concrete, Add	*630.28*
		For 5,000 PSI Concrete, Add	*857.45*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 22 00-0009	CY	6" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,658.46	
		For 3,500 PSI Concrete, Add	*238.71*	
		For 4,000 PSI Concrete, Add	*448.53*	
		For 4,500 PSI Concrete, Add	*659.25*	
		For 5,000 PSI Concrete, Add	*896.87*	
03 48 22 00-0010	CY	8" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,819.27	
		For 3,500 PSI Concrete, Add	*249.21*	
		For 4,000 PSI Concrete, Add	*468.24*	
		For 4,500 PSI Concrete, Add	*688.23*	
		For 5,000 PSI Concrete, Add	*936.29*	
03 48 22 00-0011		Sun Screen/Trellis Units *(03 48 22)*		
03 48 22 00-0012		Installation Cost Using A 50 Ton Hydraulic Crane *(03 48 22 00-0011)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.		
03 48 22 00-0013	EA	Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane	363.58	163.58
03 48 22 00-0014	EA	Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane	406.69	183.07
03 48 22 00-0015	EA	Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane	461.39	207.60
03 48 22 00-0016	EA	Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane	493.11	221.90
03 48 22 00-0017		Material Cost *(03 48 22 00-0011)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 22 00-0018	CY	4" Thick 3,000 PSI Concrete Precast Trellises Blades	3,899.68	
		For 3,500 PSI Concrete, Add	*254.45*	
		For 4,000 PSI Concrete, Add	*478.10*	
		For 4,500 PSI Concrete, Add	*702.72*	
		For 5,000 PSI Concrete, Add	*956.01*	
03 48 22 00-0019	CY	5" Thick 3,000 PSI Concrete Precast Trellises Blades	4,020.28	
		For 3,500 PSI Concrete, Add	*262.32*	
		For 4,000 PSI Concrete, Add	*492.89*	
		For 4,500 PSI Concrete, Add	*724.45*	
		For 5,000 PSI Concrete, Add	*985.57*	
03 48 22 00-0020	CY	6" Thick 3,000 PSI Concrete Precast Trellises Blades	4,181.10	
		For 3,500 PSI Concrete, Add	*272.82*	
		For 4,000 PSI Concrete, Add	*512.60*	
		For 4,500 PSI Concrete, Add	*753.43*	
		For 5,000 PSI Concrete, Add	*1,025.00*	
03 48 22 00-0021	CY	8" Thick 3,000 PSI Concrete Precast Trellises Blades	4,382.11	
		For 3,500 PSI Concrete, Add	*285.93*	
		For 4,000 PSI Concrete, Add	*537.25*	
		For 4,500 PSI Concrete, Add	*789.66*	
		For 5,000 PSI Concrete, Add	*1,074.27*	
03 48 24		**Precast Minaret Segments** *(03 48)*		
03 48 24 00-0001		Installation Costs Using A 50 Ton Hydraulic Crane *(03 48 24)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 24 00-0002		L - Shaped Segments *(03 48 24 00-0001)*		
03 48 24 00-0003	EA	Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	353.80	283.04
03 48 24 00-0004	EA	Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	396.47	317.19
03 48 24 00-0005	EA	Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	448.27	358.61
03 48 24 00-0006	EA	Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	478.16	382.53
03 48 24 00-0007		O - Shaped Segments *(03 48 24 00-0001)*		
03 48 24 00-0008	EA	Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	373.92	299.19
03 48 24 00-0009	EA	Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	419.67	335.68
03 48 24 00-0010	EA	Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	475.28	380.18
03 48 24 00-0011	EA	Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	509.02	407.18
03 48 24 00-0012		Platform Segment *(03 48 24 00-0001)*		
03 48 24 00-0013	EA	Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	717.24	573.85
03 48 24 00-0014	EA	Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	867.00	693.55
03 48 24 00-0015	EA	Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	962.15	769.74
03 48 24 00-0016	EA	Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	1,080.78	864.66
03 48 24 00-0017		Cap Segment *(03 48 24 00-0001)*		
03 48 24 00-0018	EA	Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	392.52	313.98
03 48 24 00-0019	EA	Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	438.31	350.60
03 48 24 00-0020	EA	Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	499.35	399.41
03 48 24 00-0021	EA	Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	533.08	426.41
03 48 24 00-0022		Installation Costs Using A 90 Ton Crawler Crane *(03 48 24)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.		
03 48 24 00-0023		L - Shaped Segments *(03 48 24 00-0022)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 24 00-0024	EA	Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	358.95	287.16
03 48 24 00-0025	EA	Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	402.24	321.81
03 48 24 00-0026	EA	Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	454.80	363.83
03 48 24 00-0027	EA	Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	485.13	388.10
03 48 24 00-0028		O - Shaped Segment *(03 48 24 00-0022)*		
03 48 24 00-0029	EA	Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	379.36	303.55
03 48 24 00-0030	EA	Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	425.78	340.57
03 48 24 00-0031	EA	Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	482.20	385.72
03 48 24 00-0032	EA	Install Minaret, O-Shaped Segments, 5-7 Ton/Each 795' Maximum Radius With 90 Ton Crane	516.43	413.11
03 48 24 00-0033		Platform Segment *(03 48 24 00-0022)*		
03 48 24 00-0034	EA	Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	580.04	464.02
03 48 24 00-0035	EA	Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	702.16	561.69
03 48 24 00-0036	EA	Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	777.15	621.74
03 48 24 00-0037	EA	Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	879.63	703.65
03 48 24 00-0038		Cap Segment *(03 48 24 00-0022)*		
03 48 24 00-0039	EA	Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	398.24	318.56
03 48 24 00-0040	EA	Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	444.70	355.70
03 48 24 00-0041	EA	Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	506.62	405.23
03 48 24 00-0042	EA	Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	540.85	432.62
03 48 24 00-0043		Material Costs *(03 48 24)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 24 00-0044	CY	Precast Concrete Minaret, L-Shaped Segments, 3,000 PSI Concrete	9,648.15	
		Note: Including Post Tension Cost		
03 48 24 00-0045	CY	Precast Concrete Minaret, O-Shaped Segments, 3,000 PSI Concrete	9,648.15	
		Note: Including Post Tension Cost		
03 48 24 00-0046	CY	Precast Concrete Minaret, Platform Segments, 3,000 PSI Concrete	9,648.15	
		Note: Including Post Tension Cost		
03 48 24 00-0047	CY	Precast Concrete Minaret, Cap Segments, 3,000 PSI Concrete	9,648.15	
		Note: Including Post Tension Cost		
03 48 29		**Precast Accessories** *(03 48)*		
		Note: Includes installation labor, material and equipment.		
03 48 29 00-0001		Bearing Pads For Precast Members *(03 48 29)*		
03 48 29 00-0002		Continuous 2" Wide Strips *(03 48 29 00-0001)*		
03 48 29 00-0003	LF	Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips	1.58	
		Note: For precast members		
03 48 29 00-0004	LF	Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips	2.33	
		Note: For precast members.		
03 48 29 00-0005	LF	Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips	3.96	
		Note: For precast members		
03 48 29 00-0006	LF	Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips	5.62	
		Note: For precast members		
03 48 29 00-0007	LF	Bearing Pads, Continuous 2" Wide x 1" Thick Strips	7.34	
		Note: For precast members		
03 48 29 00-0008	LF	Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips	10.61	
		Note: For precast members		
03 48 29 00-0009		Bearing Pad Pipe Supports *(03 48 29)*		
03 48 29 00-0010	LF	8" Diameter Precast Balustrade, Decorative Shapes	89.24	
03 48 29 00-0011	LF	Precast Rail Cap, <1 SF Cross Section	57.23	
03 48 29 00-0012	LF	4" x 4" Precast Pipe Support	10.24	
03 48 46		**Precast Skylight Shells** *(03 48)*		
03 48 46 00-0001		Installation Cost Using A 90 Ton Crawler Crane *(03 48 46)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 46 00-0002	EA	Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane	516.99	232.67
03 48 46 00-0003	EA	Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane	574.06	258.34
03 48 46 00-0004	EA	Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane	645.29	290.38
03 48 46 00-0005		Material Cost *(03 48 46)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 46 00-0006	CY	3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius	4,036.48	
03 48 49		**Precast Landings** *(03 48)*		
03 48 49 00-0001	SF	3" Thick Precast Landing	100.86	
03 48 49 00-0002	SF	4" Thick Precast Landing	117.60	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 49 00-0003	SF	5" Thick Precast Landing	133.61	
03 48 49 00-0004	SF	6" Thick Precast Landing	154.03	

03 48 54 Precast Concrete Blocks *(03 48)*

03 48 54 00-0001 Precast Interlocking Concrete Blocks *(03 48 54)*
Note: Includes lifting loop

03 48 54 00-0002	EA	2' x 2' x 2' Precast Interlocking Concrete (Ecology) Block	145.95	43.09
03 48 54 00-0003	EA	2' x 2' x 3' Precast Interlocking Concrete (Ecology) Block	174.30	48.48
03 48 54 00-0004	EA	2' x 2' x 4' Precast Interlocking Concrete (Ecology) Block	202.64	53.87
03 48 54 00-0005	EA	2' x 2' x 6' Precast Interlocking Concrete (Ecology) Block	274.20	59.25
03 48 54 00-0006	EA	2' x 2' x 8' Precast Interlocking Concrete (Ecology) Block	329.61	64.64

03 50 Cast Decks and Underlayment *(03)*

03 51 Cast Roof Decks *(03 50)*

03 51 13 Cementitious Wood Fiber Decks *(03 51)*

03 51 13 00-0001 Cement Fiber Tongue And Groove Planks *(03 51 13)*

03 51 13 00-0002	SF	1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.44
03 51 13 00-0003	SF	1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.58
03 51 13 00-0004	SF	2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.75
03 51 13 00-0005	SF	2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.27
03 51 13 00-0006	SF	3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.84
03 51 13 00-0007	SF	3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.47
03 51 13 00-0008	SF	4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	6.27

03 51 16 Gypsum Concrete Roof Decks *(03 51)*

03 51 16 00-0001 Class A Gypsum Fill Concrete Deck *(03 51 16)*

03 51 16 00-0002	SF	2" Thick Precast Gypsum Fill Concrete Deck, Class A	11.15	0.56
03 51 16 00-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	13.81	0.67
03 51 16 00-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A	16.49	0.76
03 51 16 00-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	19.19	0.85
03 51 16 00-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A	21.92	0.94

03 51 16 00-0007 Form Board For Lightweight Deck *(03 51 16)*

03 51 16 00-0008	SF	Gypsum Deck Form Board, 1/2" Drywall For Lightweight Deck	2.23	
03 51 16 00-0009	SF	Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck	2.99	
03 51 16 00-0010	SF	Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck	6.26	
03 51 16 00-0011	SF	Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck	2.47	0.57
03 51 16 00-0012	SF	Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck	3.01	0.57
03 51 16 00-0013	SF	Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck	3.36	0.57
03 51 16 00-0014	SF	Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck	4.17	0.57

03 51 16 00-0015 Gypsum Plank *(03 51 16)*

03 51 16 00-0016	SF	2" Thick, Insulating Concrete Gypsum Plank, Roof Deck	3.79	
03 51 16 00-0017	SF	3" Thick, Insulating Concrete Gypsum Plank, Roof Deck	4.98	

03 53 Concrete Topping *(03 50)*

Note: Installed over new or existing concrete.

03 53 14 Granolithic Concrete Topping *(03 53)*

03 53 14 00-0001 Granolithic Topping Laid After *(03 53 14)*
Note: Using 1:1:1-1/2 mix.

03 53 14 00-0002	SF	1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.24	
03 53 14 00-0003	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.57	
03 53 14 00-0004	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	5.72	

03 53 19 Concrete Overlayment *(03 53)*

03 53 19 00-0001 Integral Topping Including Hard Trowel Finish *(03 53 19)*
Note: Using 1:1:2 mix.

03 53 19 00-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.51	
03 53 19 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.81	
03 53 19 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.28	
03 53 19 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.89	
03 53 19 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	5.51	
03 53 19 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	4.69	
03 53 19 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	5.24	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 54 Cast Underlayment *(03 50)*

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

03 54 16 Hydraulic Cement Underlayment *(03 54)*

03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors *(03 54 16)*

Note: Includes primer.

03 54 16 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors	1.61	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.14*	
		For >100 To 250 SF, Add	*0.07*	
03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors	2.74	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.14*	
		For >100 To 250 SF, Add	*0.07*	
03 54 16 00-0004	SF	3/8" Thick Self Leveling Cementitious Underlayment For Floors	3.50	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.14*	
		For >100 To 250 SF, Add	*0.07*	
03 54 16 00-0005	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors	5.01	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.14*	
		For >100 To 250 SF, Add	*0.07*	
03 54 16 00-0006	SF	5/8" Thick Self Leveling Cementitious Underlayment For Floors	5.91	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.14*	
		For >100 To 250 SF, Add	*0.07*	
03 54 16 00-0007	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors	7.32	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.16*	
		For >100 To 250 SF, Add	*0.08*	
03 54 16 00-0008	SF	1" Thick Self Leveling Cementitious Underlayment For Floors	9.58	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.16*	
		For >100 To 250 SF, Add	*0.08*	
03 54 16 00-0009	SF	1-1/4" Thick Self Leveling Cementitious Underlayment For Floors	12.63	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.18*	
		For >100 To 250 SF, Add	*0.09*	
03 54 16 00-0010	SF	1-1/2" Thick Self Leveling Cementitious Underlayment For Floors	14.15	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.18*	
		For >100 To 250 SF, Add	*0.09*	
03 54 16 00-0011	SF	1-3/4" Thick Self Leveling Cementitious Underlayment For Floors	18.76	
		Note: Including Surface Preparation		
		For Up To 100 SF, Add	*0.23*	
		For >100 To 250 SF, Add	*0.11*	

03 60 Grouting *(03)*

03 61 Cementitious Grouting *(03 60)*

Note: 1 part cement to 3 parts sand by volume.

03 61 16 Cementitious Flowable Grout *(03 61)*

03 61 16 00-0001 Cementitious Flowable Grout *(03 61 16)*

03 61 16 00-0002	CY	Cementitious Flowable Grout	433.67

03 62 Non-Shrink Grouting *(03 60)*

03 62 13 Non-Metallic Non-Shrink Grouting *(03 62)*

03 62 13 00-0001 Fluid Type, Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*

03 62 13 00-0002	SF	1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	25.08
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	37.00

03 62 13 00-0004 Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*

03 62 13 00-0005	SF	1" Deep, Non-Metallic Non-Shrink Grout For Bases	38.36
03 62 13 00-0006	SF	2" Deep, Non-Metallic Non-Shrink Grout For Bases	61.32

03 62 13 00-0007 Non-Metallic Non-Shrink Grouting For Joints *(03 62 13)*

03 62 13 00-0008 1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*

03 62 13 00-0009	LF	4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	2.09
03 62 13 00-0010	LF	6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	2.73
03 62 13 00-0011	LF	8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	3.62

03 62 13 00-0012 1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 62 13 00-0013	LF	4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints		3.08	
03 62 13 00-0014	LF	6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints		4.07	
03 62 13 00-0015	LF	8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints		5.41	
03 62 16		**Metallic Non-Shrink Grouting** *(03 62)*			
03 62 16 00-0001		Metallic Non-Shrink Grouting For Bases *(03 62 16)*			
03 62 16 00-0002	SF	1" Deep, Metallic Non-Shrink Grout For Bases		32.60	
03 62 16 00-0003	SF	2" Deep, Metallic Non-Shrink Grout For Bases		50.15	
03 62 16 00-0004		Metallic Non-Shrink Grouting For Joints *(03 62 16)*			
03 62 16 00-0005		1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*			
03 62 16 00-0006	LF	4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints		1.73	
03 62 16 00-0007	LF	6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints		2.19	
03 62 16 00-0008	LF	8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints		2.91	
03 62 16 00-0009		1" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*			
03 62 16 00-0010	LF	4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints		2.37	
03 62 16 00-0011	LF	6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints		2.98	
03 62 16 00-0012	LF	8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints		3.98	
03 63		**Epoxy Grouting** *(03 60)*			
03 63 00 00-0001		Spray On Concrete Epoxy Grout *(03 63)*			
		Note: (Sika 224) per thickness per coat.			
03 63 00 00-0002	SF	1/2" Thick Coat Spray On Concrete Epoxy Grout		7.13	
		For Color, Add		*2.11*	
03 63 00 00-0003	SF	3/4" Thick Coat Spray On Concrete Epoxy Grout		9.97	
		For Color, Add		*3.17*	
03 63 00 00-0004	SF	1" Thick Coat Spray On Concrete Epoxy Grout		12.90	
		For Color, Add		*4.22*	
03 64		**Injection Grouting** *(03 60)*			
		Note: By volume of void filled. Includes injection ports.			
03 64 23		**Epoxy Injection Grouting** *(03 64)*			
03 64 23 00-0001		Pressure Injected Epoxy Grout *(03 64 23)*			
03 64 23 00-0002	CF	Pressure Injected Epoxy Grout		1,279.95	
		For >4, Deduct		*-135.26*	
03 64 26		**Cementitious Injection Grouting** *(03 64)*			
03 64 26 00-0001		Pressure Injected Cementitious Grout *(03 64 26)*			
03 64 26 00-0002	CF	Pressure Injected Cementitious Grout		225.04	
		For >4, Deduct		*-58.03*	

03 80 Concrete Cutting and Boring *(03)*

03 81 Concrete Cutting *(03 80)*

03 81 13 Flat Concrete Sawing *(03 81)*

See CSI section 02 41 19 13-0059 for saw cutting.

03 81 16 Track Mounted Concrete Wall Sawing *(03 81)*

See CSI section 02 41 19 13-0059 for saw cutting.

03 82 Concrete Boring *(03 80)*

03 82 13 Concrete Core Drilling *(03 82)*

See CSI section 02 41 19 13-0082 for core drilling.

END OF SECTION 03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 Masonry

04 01 Maintenance of Masonry *(04)*

04 01 20 Maintenance of Unit Masonry *(04 01)*

Note: For use on existing brick. Includes clean-up of debris. Excludes disposal.

04 01 20 41 Unit Masonry Stabilization *(04 01 20)*

04 01 20 41-0001 Masonry Repair (Helifix®) *(04 01 20 41)*

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0004	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	20.61	
		For Up To 10, Add	*8.99*	
		For >10 To 50, Add	*4.50*	
04 01 20 41-0005	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	29.74	
		For Up To 10, Add	*8.99*	
		For >10 To 50, Add	*4.50*	
04 01 20 41-0006	EA	8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	39.65	
		For Up To 10, Add	*8.99*	
		For >10 To 50, Add	*4.50*	

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0008	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	22.59	
		For Up To 10, Add	*8.99*	
		For >10 To 50, Add	*4.50*	
04 01 20 41-0009	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	33.25	
		For Up To 10, Add	*8.99*	
		For >10 To 50, Add	*4.50*	
04 01 20 41-0010	EA	8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	44.92	
		For Up To 10, Add	*8.99*	
		For >10 To 50, Add	*4.50*	

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*

04 01 20 41-0013	EA	4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	55.06	
		For Up To 10, Add	*35.97*	
		For >10 To 50, Add	*17.99*	
04 01 20 41-0014	EA	4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	60.24	
		For Up To 10, Add	*35.97*	
		For >10 To 50, Add	*17.99*	
04 01 20 41-0015	EA	4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	180.55	
		For Up To 10, Add	*35.97*	
		For >10 To 50, Add	*17.99*	
04 01 20 41-0016	EA	6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	55.06	
		For Up To 10, Add	*35.97*	
		For >10 To 50, Add	*17.99*	
04 01 20 41-0017	EA	6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	60.24	
		For Up To 10, Add	*35.97*	
		For >10 To 50, Add	*17.99*	
04 01 20 41-0018	EA	6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	66.14	
		For Up To 10, Add	*35.97*	
		For >10 To 50, Add	*17.99*	
04 01 20 41-0019	EA	6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	77.23	
		For Up To 10, Add	*35.97*	
		For >10 To 50, Add	*17.99*	
04 01 20 41-0020	EA	6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	180.55	
		For Up To 10, Add	*35.97*	
		For >10 To 50, Add	*17.99*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0021		316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*			
04 01 20 41-0022	EA	4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		57.88	
		For Up To 10, Add		*35.97*	
		For >10 To 50, Add		*17.99*	
04 01 20 41-0023	EA	4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		64.01	
		For Up To 10, Add		*35.97*	
		For >10 To 50, Add		*17.99*	
04 01 20 41-0024	EA	4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		204.08	
		For Up To 10, Add		*35.97*	
		For >10 To 50, Add		*17.99*	
04 01 20 41-0025	EA	6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		57.88	
		For Up To 10, Add		*35.97*	
		For >10 To 50, Add		*17.99*	
04 01 20 41-0026	EA	6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		64.01	
		For Up To 10, Add		*35.97*	
		For >10 To 50, Add		*17.99*	
04 01 20 41-0027	EA	6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		70.85	
		For Up To 10, Add		*35.97*	
		For >10 To 50, Add		*17.99*	
04 01 20 41-0028	EA	6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		83.82	
		For Up To 10, Add		*35.97*	
		For >10 To 50, Add		*17.99*	
04 01 20 41-0029	EA	6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		204.08	
		For Up To 10, Add		*35.97*	
		For >10 To 50, Add		*17.99*	
04 01 20 41-0030		Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0001)*			
		Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.			
04 01 20 41-0031		304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*			
04 01 20 41-0032	EA	4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		10.40	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0033	EA	5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		11.33	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0034	EA	6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		12.26	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0035	EA	7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		13.19	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0036	EA	8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		14.12	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0037	EA	9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		15.05	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0038	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		10.40	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0039	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		11.33	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0040	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		12.26	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0041	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		13.19	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0042	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		14.12	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0043	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		15.97	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0044	EA	4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		10.40	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0045	EA	6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		12.26	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0046	EA	8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		13.65	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0047		316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*			
04 01 20 41-0048	EA	4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		10.40	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0049	EA	5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		11.33	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0050	EA	6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		12.26	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0051	EA	7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		13.19	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0052	EA	8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		14.12	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0053	EA	9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		15.05	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0054	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		10.40	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0055	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		11.33	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0056	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		12.26	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0057	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		13.19	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0058	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		14.12	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0059	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		15.97	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0060	EA	4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		10.40	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0061	EA	6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		12.26	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0062	EA	8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		13.65	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
04 01 20 41-0063		Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0001)*			
		Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.			
04 01 20 41-0064		304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*			
04 01 20 41-0065	EA	8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		8.21	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
		For Metal Stud Clip, Add		*2.31*	
04 01 20 41-0066	EA	8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		8.55	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
		For Metal Stud Clip, Add		*2.31*	
04 01 20 41-0067	EA	8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		8.61	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
		For Metal Stud Clip, Add		*2.31*	
04 01 20 41-0068	EA	8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		8.75	
		For Up To 10, Add		*5.39*	
		For >10 To 50, Add		*2.70*	
		For Metal Stud Clip, Add		*2.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0069	EA	8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.99	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0070	EA	8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.20	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0071	EA	8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.30	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0072	EA	8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.43	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0073	EA	8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.02	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0074	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.11	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0075	EA	8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.82	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0076	EA	8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.43	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0077	EA	8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.95	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0078	EA	8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.77	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0079	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.39	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0080	EA	8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	17.55	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0081	EA	10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.33	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0082	EA	10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.69	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0083	EA	10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.01	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0084	EA	10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.30	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0085	EA	10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.49	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0086	EA	10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.62	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0087	EA	10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.83	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0088	EA	10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.92	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0089	EA	10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.34	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0090	EA	10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.94	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0091	EA	10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.44	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0092	EA	10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.08	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0093	EA	10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.50	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0094	EA	10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	17.41	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0095	EA	10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	20.39	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0096	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.11	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0097	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.32	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0098	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.46	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0099	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.56	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0100	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.86	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0101	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.33	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0102	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.51	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0103	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.98	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0104	EA	10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.66	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0105	EA	10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.07	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0106	EA	10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.36	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0107	EA	10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.54	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0108	EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.67	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0109	EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.98	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0110	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®)	4.38	
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
		For Up To 10, Add	*2.70*	
		For >10 To 50, Add	*1.35*	

04 01 20 41-0111 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*

04 01 20 41-0112	EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.74	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0113	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.16	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0114	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.24	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0115	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.41	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0116	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.72	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0117	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.97	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0118	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.10	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0119	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.27	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0120	EA	8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.88	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0121	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.99	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0122	EA	8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.88	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0123	EA	8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.64	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0124	EA	8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.29	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0125	EA	8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.56	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0126	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	17.41	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0127	EA	8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	20.10	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0128	EA	10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.96	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0129	EA	10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.37	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0130	EA	10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.77	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0131	EA	10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.14	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0132	EA	10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.37	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0133	EA	10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.53	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0134	EA	10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.80	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0135	EA	10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.91	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0136	EA	10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.40	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0137	EA	10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.08	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0138	EA	10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.70	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0139	EA	10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.49	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0140	EA	10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	17.76	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0141	EA	10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	19.81	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0142	EA	10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	23.53	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0143	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.95	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0144	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.19	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0145	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.35	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0146	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.48	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0147	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.86	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0148	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.45	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0149	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.64	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0150	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.23	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0151	EA	10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.55	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0152	EA	10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.07	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0153	EA	10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.43	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0154	EA	10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.66	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0155	EA	10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.82	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0156	EA	10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.20	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
		For Metal Stud Clip, Add	*2.31*	
04 01 20 41-0157	EA	316 Stainless Steel, Seismic Connector (Helifix® DryFix®)	4.79	
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
		For Up To 10, Add	*2.70*	
		For >10 To 50, Add	*1.35*	
04 01 20 41-0158		Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0001)*		
		Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.		
04 01 20 41-0159		304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*		
04 01 20 41-0160	EA	8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	6.92	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
04 01 20 41-0161	EA	8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	6.96	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
04 01 20 41-0162		316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*		
04 01 20 41-0163	EA	8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.20	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
04 01 20 41-0164	EA	8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.27	
		For Up To 10, Add	*5.39*	
		For >10 To 50, Add	*2.70*	
04 01 20 41-0165		Movement Joint Ties (Helifix® Movement Joint Tie *(04 01 20 41-0001)*		
		Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.		
04 01 20 41-0166		304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*		
04 01 20 41-0167	EA	6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	44.70	
		For Up To 10, Add	*35.97*	
		For >10 To 50, Add	*17.99*	
04 01 20 41-0168		316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*		
04 01 20 41-0169	EA	6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	46.00	
		For Up To 10, Add	*35.97*	
		For >10 To 50, Add	*17.99*	
04 01 20 41-0170		Unit Masonry Stabilization *(04 01 20 41)*		
04 01 20 41-0171		Repair Bulging Or Loose Masonry *(04 01 20 41-0170)*		
04 01 20 41-0172	SF	Repair Bulging Or Loose Masonry Using Existing Masonry	80.60	
		Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and reinstalling brick and mortar.		
04 01 20 41-0173	SF	Repair Bulging Or Loose Masonry Using New Masonry	86.65	
		Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and installing new brick and mortar.		
04 01 20 51		**Unit Masonry Maintenance** *(04 01 20)*		
04 01 20 51-0001		Grind Unit Masonry *(04 01 20 51)*		
04 01 20 51-0002	SF	Grind Smooth Masonry Wall	3.79	
04 01 20 91		**Unit Masonry Restoration** *(04 01 20)*		
		See CSI section 03 01 30 71-0107 for crack repair.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 91-0001		Cut And Repoint Masonry *(04 01 20 91)* Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.		
04 01 20 91-0002	SF	Cut And Repoint, Hard Mortar, Running Bond, Brick	9.06	
		For Common Bond, Add	*0.34*	
		For Flemish Bond, Add	*1.18*	
		For English Bond, Add	*1.94*	
		For Oversized Or Larger Than Standard, Deduct	*-1.36*	
		For Historical Restoration, Add	*1.69*	
		For >250 To 1,000, Deduct	*-0.42*	
		For >1,000, Deduct	*-0.87*	
04 01 20 91-0003	SF	Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Brick	6.35	
		For Common Bond, Add	*0.23*	
		For Flemish Bond, Add	*0.80*	
		For English Bond, Add	*1.32*	
		For Oversized Or Larger Than Standard, Deduct	*-0.95*	
		For Historical Restoration, Add	*1.14*	
		For >250 To 1,000, Deduct	*-0.29*	
		For >1,000, Deduct	*-0.60*	
04 01 20 91-0004	SF	Cut And Repoint, Hard Mortar, Running Bond, Concrete Block	4.93	
		For Common Bond, Add	*0.17*	
		For Oversized Or Larger Than Standard, Deduct	*-0.74*	
		For Historical Restoration, Add	*0.86*	
		For >250 To 1,000, Deduct	*-0.22*	
		For >1,000, Deduct	*-0.46*	
04 01 20 91-0005	SF	Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Concrete Block	3.56	
		For Common Bond, Add	*0.12*	
		For Oversized Or Larger Than Standard, Deduct	*-0.53*	
		For Historical Restoration, Add	*0.59*	
		For >250 To 1,000, Deduct	*-0.15*	
		For >1,000, Deduct	*-0.32*	
04 01 20 91-0006	LF	Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area	2.95	
04 01 20 91-0007		Repair Masonry *(04 01 20 91)* Note: Includes mortar for repair.		
04 01 20 91-0008	SF	Patch And Repair Terra Cotta Walls Or Coping Note: Including Replacement Of Damaged Material	19.44	
04 01 20 91-0009	SF	Patch And Repair Terra Cotta Floors Note: Including Replacement Of Damaged Material	18.11	
04 01 20 91-0010	LF	Chip And Repair With Masonry Patch, Cracks Up To 1/4"	4.16	
04 01 20 91-0011	SF	Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade	7.23	
04 01 20 91-0012	EA	Cutout Individual Damaged Brick And Replace With New Brick	13.68	
04 01 20 91-0013	LF	Pressure Grout Block/Brick Using LA City RGA Rule Of General Application 1-91 (Portland Cement Base)	380.48	
04 01 20 91-0014	LF	Pressure Grout Block/Brick Master Builders RHEOCEM 900 (Portland Cement Base)	108.55	
04 01 20 91-0015	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570)	34.21	
		For Cracks Accessible From Both Sides, Add	*6.95*	
04 01 20 91-0016	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52)	30.23	
		For Cracks Accessible From Both Sides, Add	*6.95*	
04 01 20 91-0017	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52)	8.23	
		For V-Grooving Crack With Grinder, Add	*5.90*	
04 01 20 91-0018	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52)	11.08	
		For V-Grooving Crack With Grinder, Add	*5.59*	

04 01 50 Maintenance of Refractory Masonry *(04 01)*

04 01 50 52 Refractory Masonry Cleaning *(04 01 50)*

04 01 50 52-0001		Chimney Cleaning *(04 01 50 52)*		
04 01 50 52-0002	LF	Up To 2 SF Cross Section Chimney Cleaning	7.17	
04 01 50 52-0003	LF	>2 To 4 SF Cross Section Chimney Cleaning	14.32	
04 01 50 52-0004	LF	>4 SF Cross Section Chimney Cleaning	21.49	

04 05 Common Work Results for Masonry *(04)*

04 05 13 Masonry Mortaring *(04 05)*

04 05 13 26 Engineered Masonry Mortaring *(04 05 13)*

Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.

04 05 13 26-0001		Masonry Cement Mortar *(04 05 13 26)* Note: Ratio is bag material to sand.		
04 05 13 26-0002	CF	Type M Masonry Cement 1:1:6 Mix	7.61	
04 05 13 26-0003	CF	Type N Masonry Cement 1:3 Mix	7.02	
04 05 13 26-0004	CF	Type O Masonry Cement 1:3 Mix	7.21	
04 05 13 26-0005	CF	Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI	7.89	
04 05 13 26-0006	CF	Type S Masonry Cement 1/2:1:4 Mix	8.32	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 13 26-0007		Mortar Admixture *(04 05 13 26)*			
04 05 13 26-0008	CF	Water - Repellent Stearate - Cost Based On CF Of Mortar		0.39	
04 05 13 26-0009	CF	Pozzolanic Plasticizers - Cost Based On CF Of Mortar		0.07	
04 05 13 26-0010		Color Admixtures For Mortar *(04 05 13 26)*			
		Note: Costs are based on CF of mortar.			
04 05 13 26-0011	CF	Buff Colored Admixture		2.49	
04 05 13 26-0012	CF	Brown Colored Admixture		2.82	
04 05 13 26-0013	CF	Black Colored Admixture		3.49	
04 05 13 26-0014	CF	Red Colored Admixture		7.64	
04 05 13 26-0015		Portland Cement *(04 05 13 26)*			
04 05 13 26-0016	CF	Normal Portland Cement (Type I)		13.25	
04 05 13 26-0017	CF	Modified Portland Cement (Type II)		6.61	
04 05 13 26-0018	CF	High Early Strength Portland Cement (Type III)		7.01	
04 05 13 26-0019	CF	White Non Staining Portland Cement (Type I)		14.68	
04 05 16		**Masonry Grouting** *(04 05)*			
04 05 16 26		**Engineered Masonry Grouting** *(04 05 16)*			
		Note: Excludes reinforcement.			
04 05 16 26-0001		Grout Bond Beams And Lintels, Grout Fill *(04 05 16 26)*			
		Note: Excludes block.			
04 05 16 26-0002	LF	Grout Bond Beams And Lintels - 6" Block, Grout Fill Only, 0.1125 CF/LF, 8" Deep		4.16	
04 05 16 26-0003	LF	Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep		4.54	
04 05 16 26-0004	LF	Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep		5.07	
04 05 16 26-0005	LF	Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep		5.67	
04 05 16 26-0006		Grout Concrete Block Cores, Grout Fill *(04 05 16 26)*			
		Note: Per SF of face area filled.			
04 05 16 26-0007	SF	Grout Concrete Block Cores- 4" Block, Grout Fill Block Solid (0.067 CF/SF)		3.23	
04 05 16 26-0008	SF	Grout Concrete Block Cores- 6" Block, Grout Fill Block Solid (0.175 CF/SF)		4.72	
04 05 16 26-0009	SF	Grout Concrete Block Cores- 8" Block, Grout Fill Block Solid (0.258 CF/SF)		6.73	
04 05 16 26-0010	SF	Grout Concrete Block Cores- 10" Block, Grout Fill Block Solid (0.34 CF/SF)		8.26	
04 05 16 26-0011	SF	Grout Concrete Block Cores- 12" Block, Grout Fill Block Solid (0.422 CF/SF)		9.77	
04 05 16 26-0012		Grout Cavity Walls, Grout Fill *(04 05 16 26)*			
		Note: Per SF of face area filled.			
04 05 16 26-0013	SF	Grout Cavity Walls - 2" Space, Grout Fill (0.167 CF/SF)		3.81	
04 05 16 26-0014	SF	Grout Cavity Walls - 3" Space, Grout Fill (0.250 CF/SF)		5.39	
04 05 16 26-0015	SF	Grout Cavity Walls - 4" Space, Grout Fill (0.333 CF/SF)		6.76	
04 05 16 26-0016	SF	Grout Cavity Walls - 6" Space, Grout Fill (0.500 CF/SF)		9.18	
04 05 16 26-0017		Grout Frames, Grout Fill *(04 05 16 26)*			
04 05 16 26-0018	LF	Grout Door Frames - Grout Fill		6.07	
04 05 16 26-0019	LF	Grout Window Frames - Grout Fill		5.21	
04 05 16 26-0020		Sand Filled Walls *(04 05 16 26)*			
04 05 16 26-0021		Sand Fill Cavity Walls, Sand Fill *(04 05 16 26-0020)*			
		Note: Per SF of face area filled.			
04 05 16 26-0022	SF	Sand Fill Cavity Walls - 2" Space, Sand Fill (0.167 CF/SF)		3.12	
04 05 16 26-0023	SF	Sand Fill Cavity Walls - 3" Space, Sand Fill (0.250 CF/SF)		4.31	
04 05 16 26-0024	SF	Sand Fill Cavity Walls - 4" Space, Sand Fill (0.333 CF/SF)		5.30	
04 05 16 26-0025	SF	Sand Fill Cavity Walls - 6" Space, Sand Fill (0.500 CF/SF)		7.05	
04 05 19		**Masonry Anchorage and Reinforcing** *(04 05)*			
04 05 19 13		**Continuous Joint Reinforcing** *(04 05 19)*			
		Note: Includes cutting and bending.			
04 05 19 13-0001		Continuous Joint Reinforcing *(04 05 19 13)*			
04 05 19 13-0002		Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*			
04 05 19 13-0003		Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0002)*			
04 05 19 13-0004		Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*			

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0005	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	55.47	
		For Hot-Dipped Galvanized, Add	*10.12*	
		For Stainless Steel, Add	*40.46*	
04 05 19 13-0006	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	58.90	
		For Hot-Dipped Galvanized, Add	*10.63*	
		For Stainless Steel, Add	*42.50*	
04 05 19 13-0007	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	63.48	
		For Hot-Dipped Galvanized, Add	*11.20*	
		For Stainless Steel, Add	*44.80*	
04 05 19 13-0008	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	68.89	
		For Hot-Dipped Galvanized, Add	*11.85*	
		For Stainless Steel, Add	*47.40*	
04 05 19 13-0009	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	75.18	
		For Hot-Dipped Galvanized, Add	*12.49*	
		For Stainless Steel, Add	*49.94*	
04 05 19 13-0010	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	79.81	
		For Hot-Dipped Galvanized, Add	*12.80*	
		For Stainless Steel, Add	*51.18*	
04 05 19 13-0011	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	83.23	
		For Hot-Dipped Galvanized, Add	*13.15*	
		For Stainless Steel, Add	*52.60*	
04 05 19 13-0012	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	96.70	
		For Hot-Dipped Galvanized, Add	*18.08*	
		For Stainless Steel, Add	*72.30*	
04 05 19 13-0013	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	120.04	
		For Hot-Dipped Galvanized, Add	*27.94*	
		For Stainless Steel, Add	*111.76*	
04 05 19 13-0014		Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*		
04 05 19 13-0015	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	66.69	
		For Hot-Dipped Galvanized, Add	*15.72*	
		For Stainless Steel, Add	*62.88*	
04 05 19 13-0016	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	70.24	
		For Hot-Dipped Galvanized, Add	*16.30*	
		For Stainless Steel, Add	*65.18*	
04 05 19 13-0017	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	74.94	
		For Hot-Dipped Galvanized, Add	*16.93*	
		For Stainless Steel, Add	*67.72*	
04 05 19 13-0018	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	80.23	
		For Hot-Dipped Galvanized, Add	*17.52*	
		For Stainless Steel, Add	*70.08*	
04 05 19 13-0019	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	86.49	
		For Hot-Dipped Galvanized, Add	*18.14*	
		For Stainless Steel, Add	*72.56*	
04 05 19 13-0020	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	91.17	
		For Hot-Dipped Galvanized, Add	*18.48*	
		For Stainless Steel, Add	*73.92*	
04 05 19 13-0021	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	94.52	
		For Hot-Dipped Galvanized, Add	*18.79*	
		For Stainless Steel, Add	*75.16*	
04 05 19 13-0022	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	111.60	
		For Hot-Dipped Galvanized, Add	*25.53*	
		For Stainless Steel, Add	*102.12*	
04 05 19 13-0023	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	145.62	
		For Hot-Dipped Galvanized, Add	*40.74*	
		For Stainless Steel, Add	*162.94*	
04 05 19 13-0024		Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*		
04 05 19 13-0025	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	77.57	
		For Hot-Dipped Galvanized, Add	*21.16*	
		For Stainless Steel, Add	*84.64*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0026	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	82.60	
		For Hot-Dipped Galvanized, Add	*22.32*	
		For Stainless Steel, Add	*89.28*	
04 05 19 13-0027	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	87.63	
		For Hot-Dipped Galvanized, Add	*23.48*	
		For Stainless Steel, Add	*93.92*	
04 05 19 13-0028	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	94.94	
		For Hot-Dipped Galvanized, Add	*24.88*	
		For Stainless Steel, Add	*99.50*	
04 05 19 13-0029	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	102.22	
		For Hot-Dipped Galvanized, Add	*26.26*	
		For Stainless Steel, Add	*105.02*	
04 05 19 13-0030	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	108.22	
		For Hot-Dipped Galvanized, Add	*27.00*	
		For Stainless Steel, Add	*107.98*	
04 05 19 13-0031	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	111.75	
		For Hot-Dipped Galvanized, Add	*27.63*	
		For Stainless Steel, Add	*110.52*	
04 05 19 13-0032	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	118.36	
		For Hot-Dipped Galvanized, Add	*28.91*	
		For Stainless Steel, Add	*115.62*	
04 05 19 13-0033	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	160.20	
		For Hot-Dipped Galvanized, Add	*48.02*	
		For Stainless Steel, Add	*192.06*	

04 05 19 13-0034 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0035	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	81.30	
		For Hot-Dipped Galvanized, Add	*23.03*	
		For Stainless Steel, Add	*92.10*	
04 05 19 13-0036	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	84.72	
		For Hot-Dipped Galvanized, Add	*23.53*	
		For Stainless Steel, Add	*94.12*	
04 05 19 13-0037	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	89.29	
		For Hot-Dipped Galvanized, Add	*24.11*	
		For Stainless Steel, Add	*96.42*	
04 05 19 13-0038	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	94.70	
		For Hot-Dipped Galvanized, Add	*24.76*	
		For Stainless Steel, Add	*99.02*	
04 05 19 13-0039	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	100.99	
		For Hot-Dipped Galvanized, Add	*25.39*	
		For Stainless Steel, Add	*101.54*	
04 05 19 13-0040	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	105.62	
		For Hot-Dipped Galvanized, Add	*25.70*	
		For Stainless Steel, Add	*102.78*	
04 05 19 13-0041	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	109.03	
		For Hot-Dipped Galvanized, Add	*26.05*	
		For Stainless Steel, Add	*104.20*	
04 05 19 13-0042	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	122.51	
		For Hot-Dipped Galvanized, Add	*30.98*	
		For Stainless Steel, Add	*123.92*	

04 05 19 13-0043 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0044	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	92.52	
		For Hot-Dipped Galvanized, Add	*28.64*	
		For Stainless Steel, Add	*114.54*	
04 05 19 13-0045	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	96.08	
		For Hot-Dipped Galvanized, Add	*29.21*	
		For Stainless Steel, Add	*116.84*	
04 05 19 13-0046	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	100.76	
		For Hot-Dipped Galvanized, Add	*29.84*	
		For Stainless Steel, Add	*119.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0047	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	106.05	
		For Hot-Dipped Galvanized, Add	*30.43*	
		For Stainless Steel, Add	*121.72*	
04 05 19 13-0048	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.32	
		For Hot-Dipped Galvanized, Add	*31.05*	
		For Stainless Steel, Add	*124.20*	
04 05 19 13-0049	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	116.99	
		For Hot-Dipped Galvanized, Add	*31.39*	
		For Stainless Steel, Add	*125.56*	
04 05 19 13-0050	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	120.34	
		For Hot-Dipped Galvanized, Add	*31.70*	
		For Stainless Steel, Add	*126.80*	
04 05 19 13-0051	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	137.42	
		For Hot-Dipped Galvanized, Add	*38.44*	
		For Stainless Steel, Add	*153.76*	
04 05 19 13-0052	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	171.45	
		For Hot-Dipped Galvanized, Add	*53.65*	
		For Stainless Steel, Add	*214.60*	
04 05 19 13-0053		Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*		
04 05 19 13-0054	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	103.37	
		For Hot-Dipped Galvanized, Add	*34.06*	
		For Stainless Steel, Add	*136.24*	
04 05 19 13-0055	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	108.41	
		For Hot-Dipped Galvanized, Add	*35.23*	
		For Stainless Steel, Add	*140.90*	
04 05 19 13-0056	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	113.45	
		For Hot-Dipped Galvanized, Add	*36.39*	
		For Stainless Steel, Add	*145.56*	
04 05 19 13-0057	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	120.75	
		For Hot-Dipped Galvanized, Add	*37.78*	
		For Stainless Steel, Add	*151.12*	
04 05 19 13-0058	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	128.04	
		For Hot-Dipped Galvanized, Add	*39.17*	
		For Stainless Steel, Add	*156.66*	
04 05 19 13-0059	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	134.04	
		For Hot-Dipped Galvanized, Add	*39.91*	
		For Stainless Steel, Add	*159.62*	
04 05 19 13-0060	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	137.56	
		For Hot-Dipped Galvanized, Add	*40.54*	
		For Stainless Steel, Add	*162.14*	
04 05 19 13-0061	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	144.16	
		For Hot-Dipped Galvanized, Add	*41.81*	
		For Stainless Steel, Add	*167.22*	
04 05 19 13-0062	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	186.02	
		For Hot-Dipped Galvanized, Add	*60.93*	
		For Stainless Steel, Add	*243.70*	
04 05 19 13-0063		Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*		
04 05 19 13-0064	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	107.12	
		For Hot-Dipped Galvanized, Add	*35.94*	
		For Stainless Steel, Add	*143.74*	
04 05 19 13-0065	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	110.53	
		For Hot-Dipped Galvanized, Add	*36.44*	
		For Stainless Steel, Add	*145.74*	
04 05 19 13-0066	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	115.10	
		For Hot-Dipped Galvanized, Add	*37.01*	
		For Stainless Steel, Add	*148.04*	
04 05 19 13-0067	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	120.51	
		For Hot-Dipped Galvanized, Add	*37.66*	
		For Stainless Steel, Add	*150.64*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0068	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	126.81	
		For Hot-Dipped Galvanized, Add	*38.30*	
		For Stainless Steel, Add	*153.18*	
04 05 19 13-0069	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	131.44	
		For Hot-Dipped Galvanized, Add	*38.61*	
		For Stainless Steel, Add	*154.42*	
04 05 19 13-0070	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	134.85	
		For Hot-Dipped Galvanized, Add	*38.96*	
		For Stainless Steel, Add	*155.84*	
04 05 19 13-0071	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	148.32	
		For Hot-Dipped Galvanized, Add	*43.89*	
		For Stainless Steel, Add	*175.54*	
04 05 19 13-0072	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	171.67	
		For Hot-Dipped Galvanized, Add	*53.76*	
		For Stainless Steel, Add	*215.02*	

04 05 19 13-0073 Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0074	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	118.33	
		For Hot-Dipped Galvanized, Add	*41.54*	
		For Stainless Steel, Add	*166.16*	
04 05 19 13-0075	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	121.89	
		For Hot-Dipped Galvanized, Add	*42.12*	
		For Stainless Steel, Add	*168.46*	
04 05 19 13-0076	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	126.58	
		For Hot-Dipped Galvanized, Add	*42.75*	
		For Stainless Steel, Add	*171.00*	
04 05 19 13-0077	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, Four-Wire, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	131.87	
		For Hot-Dipped Galvanized, Add	*43.34*	
		For Stainless Steel, Add	*173.36*	
04 05 19 13-0078	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	138.14	
		For Hot-Dipped Galvanized, Add	*43.96*	
		For Stainless Steel, Add	*175.84*	
04 05 19 13-0079	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	142.81	
		For Hot-Dipped Galvanized, Add	*44.30*	
		For Stainless Steel, Add	*177.20*	
04 05 19 13-0080	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	146.16	
		For Hot-Dipped Galvanized, Add	*44.61*	
		For Stainless Steel, Add	*178.44*	
04 05 19 13-0081	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	163.24	
		For Hot-Dipped Galvanized, Add	*51.35*	
		For Stainless Steel, Add	*205.40*	
04 05 19 13-0082	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	197.27	
		For Hot-Dipped Galvanized, Add	*66.56*	
		For Stainless Steel, Add	*266.24*	

04 05 19 13-0083 Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0084	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	129.19	
		For Hot-Dipped Galvanized, Add	*46.97*	
		For Stainless Steel, Add	*187.88*	
04 05 19 13-0085	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	134.23	
		For Hot-Dipped Galvanized, Add	*48.14*	
		For Stainless Steel, Add	*192.54*	
04 05 19 13-0086	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	139.27	
		For Hot-Dipped Galvanized, Add	*49.30*	
		For Stainless Steel, Add	*197.20*	
04 05 19 13-0087	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	146.56	
		For Hot-Dipped Galvanized, Add	*50.69*	
		For Stainless Steel, Add	*202.74*	
04 05 19 13-0088	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	153.86	
		For Hot-Dipped Galvanized, Add	*52.08*	
		For Stainless Steel, Add	*208.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0089	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	159.85	
		For Hot-Dipped Galvanized, Add	*52.81*	
		For Stainless Steel, Add	*211.24*	
04 05 19 13-0090	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	163.38	
		For Hot-Dipped Galvanized, Add	*53.45*	
		For Stainless Steel, Add	*213.78*	
04 05 19 13-0091	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	169.98	
		For Hot-Dipped Galvanized, Add	*54.72*	
		For Stainless Steel, Add	*218.86*	
04 05 19 13-0092	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	211.83	
		For Hot-Dipped Galvanized, Add	*73.83*	
		For Stainless Steel, Add	*295.32*	
04 05 19 13-0093		Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0002)*		
04 05 19 13-0094		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*		
04 05 19 13-0095	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	80.15	
		For Hot-Dipped Galvanized, Add	*17.20*	
		For Stainless Steel, Add	*68.78*	
04 05 19 13-0096	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	88.39	
		For Hot-Dipped Galvanized, Add	*18.78*	
		For Stainless Steel, Add	*75.10*	
04 05 19 13-0097	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	96.25	
		For Hot-Dipped Galvanized, Add	*20.17*	
		For Stainless Steel, Add	*80.66*	
04 05 19 13-0098	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	102.94	
		For Hot-Dipped Galvanized, Add	*20.97*	
		For Stainless Steel, Add	*83.88*	
04 05 19 13-0099	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	106.98	
		For Hot-Dipped Galvanized, Add	*21.72*	
		For Stainless Steel, Add	*86.86*	
04 05 19 13-0100	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	114.87	
		For Hot-Dipped Galvanized, Add	*23.38*	
		For Stainless Steel, Add	*93.50*	
04 05 19 13-0101	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	121.66	
		For Hot-Dipped Galvanized, Add	*24.74*	
		For Stainless Steel, Add	*98.94*	
04 05 19 13-0102		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*		
04 05 19 13-0103	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	94.12	
		For Hot-Dipped Galvanized, Add	*24.18*	
		For Stainless Steel, Add	*96.72*	
04 05 19 13-0104	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	102.39	
		For Hot-Dipped Galvanized, Add	*25.78*	
		For Stainless Steel, Add	*103.10*	
04 05 19 13-0105	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	110.10	
		For Hot-Dipped Galvanized, Add	*27.09*	
		For Stainless Steel, Add	*108.36*	
04 05 19 13-0106	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	116.95	
		For Hot-Dipped Galvanized, Add	*27.98*	
		For Stainless Steel, Add	*111.90*	
04 05 19 13-0107	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	120.95	
		For Hot-Dipped Galvanized, Add	*28.70*	
		For Stainless Steel, Add	*114.80*	
04 05 19 13-0108	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	128.84	
		For Hot-Dipped Galvanized, Add	*30.36*	
		For Stainless Steel, Add	*121.44*	
04 05 19 13-0109	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	135.82	
		For Hot-Dipped Galvanized, Add	*31.82*	
		For Stainless Steel, Add	*127.26*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0110		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*		
04 05 19 13-0111	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	100.90	
		For Hot-Dipped Galvanized, Add	*27.57*	
		For Stainless Steel, Add	*110.28*	
04 05 19 13-0112	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	110.78	
		For Hot-Dipped Galvanized, Add	*29.97*	
		For Stainless Steel, Add	*119.88*	
04 05 19 13-0113	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	120.57	
		For Hot-Dipped Galvanized, Add	*32.33*	
		For Stainless Steel, Add	*129.30*	
04 05 19 13-0114	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	128.16	
		For Hot-Dipped Galvanized, Add	*33.58*	
		For Stainless Steel, Add	*134.32*	
04 05 19 13-0115	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	133.00	
		For Hot-Dipped Galvanized, Add	*34.73*	
		For Stainless Steel, Add	*138.90*	
04 05 19 13-0116	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	142.47	
		For Hot-Dipped Galvanized, Add	*37.18*	
		For Stainless Steel, Add	*148.70*	
04 05 19 13-0117	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	151.34	
		For Hot-Dipped Galvanized, Add	*39.58*	
		For Stainless Steel, Add	*158.30*	
04 05 19 13-0118		Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*		
04 05 19 13-0119		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*		
04 05 19 13-0120	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	117.75	
		For Hot-Dipped Galvanized, Add	*36.00*	
		For Stainless Steel, Add	*143.98*	
04 05 19 13-0121	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	125.03	
		For Hot-Dipped Galvanized, Add	*37.10*	
		For Stainless Steel, Add	*148.38*	
04 05 19 13-0122	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	132.34	
		For Hot-Dipped Galvanized, Add	*38.21*	
		For Stainless Steel, Add	*152.84*	
04 05 19 13-0123	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	142.45	
		For Hot-Dipped Galvanized, Add	*39.45*	
		For Stainless Steel, Add	*157.80*	
04 05 19 13-0124	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	149.50	
		For Hot-Dipped Galvanized, Add	*40.69*	
		For Stainless Steel, Add	*162.76*	
04 05 19 13-0125	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	157.35	
		For Hot-Dipped Galvanized, Add	*42.58*	
		For Stainless Steel, Add	*170.32*	
04 05 19 13-0126		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*		
04 05 19 13-0127	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	139.65	
		For Hot-Dipped Galvanized, Add	*46.95*	
		For Stainless Steel, Add	*187.78*	
04 05 19 13-0128	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	146.97	
		For Hot-Dipped Galvanized, Add	*48.07*	
		For Stainless Steel, Add	*192.26*	
04 05 19 13-0129	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	154.55	
		For Hot-Dipped Galvanized, Add	*49.32*	
		For Stainless Steel, Add	*197.26*	
04 05 19 13-0130	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	164.38	
		For Hot-Dipped Galvanized, Add	*50.42*	
		For Stainless Steel, Add	*201.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0131	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	171.46	
		For Hot-Dipped Galvanized, Add	*51.67*	
		For Stainless Steel, Add	*206.68*	
04 05 19 13-0132	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	178.04	
		For Hot-Dipped Galvanized, Add	*52.93*	
		For Stainless Steel, Add	*211.70*	
04 05 19 13-0133		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*		
04 05 19 13-0134	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	141.27	
		For Hot-Dipped Galvanized, Add	*47.76*	
		For Stainless Steel, Add	*191.02*	
04 05 19 13-0135	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	149.78	
		For Hot-Dipped Galvanized, Add	*49.47*	
		For Stainless Steel, Add	*197.88*	
04 05 19 13-0136	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	158.27	
		For Hot-Dipped Galvanized, Add	*51.18*	
		For Stainless Steel, Add	*204.70*	
04 05 19 13-0137	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	170.02	
		For Hot-Dipped Galvanized, Add	*53.24*	
		For Stainless Steel, Add	*212.94*	
04 05 19 13-0138	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	178.68	
		For Hot-Dipped Galvanized, Add	*55.28*	
		For Stainless Steel, Add	*221.12*	
04 05 19 13-0139	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	186.81	
		For Hot-Dipped Galvanized, Add	*57.31*	
		For Stainless Steel, Add	*229.24*	
04 05 19 13-0140		Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*		
04 05 19 13-0141		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*		
04 05 19 13-0142	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	126.92	
		For Hot-Dipped Galvanized, Add	*38.04*	
		For Stainless Steel, Add	*152.16*	
04 05 19 13-0143	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	134.17	
		For Hot-Dipped Galvanized, Add	*39.13*	
		For Stainless Steel, Add	*156.50*	
04 05 19 13-0144	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	143.97	
		For Hot-Dipped Galvanized, Add	*40.21*	
		For Stainless Steel, Add	*160.84*	
04 05 19 13-0145	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	151.11	
		For Hot-Dipped Galvanized, Add	*41.50*	
		For Stainless Steel, Add	*165.98*	
04 05 19 13-0146	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	157.66	
		For Hot-Dipped Galvanized, Add	*42.74*	
		For Stainless Steel, Add	*170.94*	
04 05 19 13-0147	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	165.48	
		For Hot-Dipped Galvanized, Add	*45.23*	
		For Stainless Steel, Add	*180.92*	
04 05 19 13-0148		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*		
04 05 19 13-0149	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	148.85	
		For Hot-Dipped Galvanized, Add	*49.01*	
		For Stainless Steel, Add	*196.02*	
04 05 19 13-0150	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	156.13	
		For Hot-Dipped Galvanized, Add	*50.11*	
		For Stainless Steel, Add	*200.42*	
04 05 19 13-0151	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	166.24	
		For Hot-Dipped Galvanized, Add	*51.35*	
		For Stainless Steel, Add	*205.38*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0152	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		173.01	
		For Hot-Dipped Galvanized, Add		*52.45*	
		For Stainless Steel, Add		*209.78*	
04 05 19 13-0153	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		179.59	
		For Hot-Dipped Galvanized, Add		*53.70*	
		For Stainless Steel, Add		*214.80*	
04 05 19 13-0154	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		187.69	
		For Hot-Dipped Galvanized, Add		*56.34*	
		For Stainless Steel, Add		*225.34*	

04 05 19 13-0155 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

04 05 19 13-0156	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		150.40	
		For Hot-Dipped Galvanized, Add		*49.78*	
		For Stainless Steel, Add		*199.12*	
04 05 19 13-0157	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		158.92	
		For Hot-Dipped Galvanized, Add		*51.50*	
		For Stainless Steel, Add		*206.00*	
04 05 19 13-0158	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		170.02	
		For Hot-Dipped Galvanized, Add		*53.24*	
		For Stainless Steel, Add		*212.94*	
04 05 19 13-0159	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		178.68	
		For Hot-Dipped Galvanized, Add		*55.28*	
		For Stainless Steel, Add		*221.12*	
04 05 19 13-0160	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		186.81	
		For Hot-Dipped Galvanized, Add		*57.31*	
		For Stainless Steel, Add		*229.24*	
04 05 19 13-0161	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		195.46	
		For Hot-Dipped Galvanized, Add		*60.22*	
		For Stainless Steel, Add		*240.88*	

04 05 19 13-0162 Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0163 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

04 05 19 13-0164	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		119.70	
		For Hot-Dipped Galvanized, Add		*34.43*	
		For Stainless Steel, Add		*137.72*	
		For Seismic Hook And Eye, Add		*14.80*	
04 05 19 13-0165	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		126.58	
		For Hot-Dipped Galvanized, Add		*35.33*	
		For Stainless Steel, Add		*141.32*	
		For Seismic Hook And Eye, Add		*15.19*	
04 05 19 13-0166	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		136.13	
		For Hot-Dipped Galvanized, Add		*36.29*	
		For Stainless Steel, Add		*145.16*	
		For Seismic Hook And Eye, Add		*15.60*	
04 05 19 13-0167	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		142.75	
		For Hot-Dipped Galvanized, Add		*37.32*	
		For Stainless Steel, Add		*149.26*	
		For Seismic Hook And Eye, Add		*16.05*	
04 05 19 13-0168	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		148.95	
		For Hot-Dipped Galvanized, Add		*38.38*	
		For Stainless Steel, Add		*153.52*	
		For Seismic Hook And Eye, Add		*16.50*	
04 05 19 13-0169	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		153.70	
		For Hot-Dipped Galvanized, Add		*39.34*	
		For Stainless Steel, Add		*157.36*	
		For Seismic Hook And Eye, Add		*16.92*	

04 05 19 13-0170 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0171	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	140.27	
		For Hot-Dipped Galvanized, Add	*44.72*	
		For Stainless Steel, Add	*178.86*	
		For Seismic Hook And Eye, Add	*19.23*	
04 05 19 13-0172	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	146.75	
		For Hot-Dipped Galvanized, Add	*45.42*	
		For Stainless Steel, Add	*181.66*	
		For Seismic Hook And Eye, Add	*19.53*	
04 05 19 13-0173	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	156.36	
		For Hot-Dipped Galvanized, Add	*46.41*	
		For Stainless Steel, Add	*185.62*	
		For Seismic Hook And Eye, Add	*19.95*	
04 05 19 13-0174	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	162.85	
		For Hot-Dipped Galvanized, Add	*47.37*	
		For Stainless Steel, Add	*189.46*	
		For Seismic Hook And Eye, Add	*20.37*	
04 05 19 13-0175	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	168.84	
		For Hot-Dipped Galvanized, Add	*48.33*	
		For Stainless Steel, Add	*193.30*	
		For Seismic Hook And Eye, Add	*20.78*	
04 05 19 13-0176	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	175.82	
		For Hot-Dipped Galvanized, Add	*50.40*	
		For Stainless Steel, Add	*201.60*	
		For Seismic Hook And Eye, Add	*21.67*	

04 05 19 13-0177 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

04 05 19 13-0178	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	141.79	
		For Hot-Dipped Galvanized, Add	*45.48*	
		For Stainless Steel, Add	*181.90*	
		For Seismic Hook And Eye, Add	*19.55*	
04 05 19 13-0179	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	150.16	
		For Hot-Dipped Galvanized, Add	*47.12*	
		For Stainless Steel, Add	*188.48*	
		For Seismic Hook And Eye, Add	*20.26*	
04 05 19 13-0180	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	161.04	
		For Hot-Dipped Galvanized, Add	*48.75*	
		For Stainless Steel, Add	*194.98*	
		For Seismic Hook And Eye, Add	*20.96*	
04 05 19 13-0181	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	169.51	
		For Hot-Dipped Galvanized, Add	*50.70*	
		For Stainless Steel, Add	*202.78*	
		For Seismic Hook And Eye, Add	*21.80*	
04 05 19 13-0182	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	177.48	
		For Hot-Dipped Galvanized, Add	*52.65*	
		For Stainless Steel, Add	*210.58*	
		For Seismic Hook And Eye, Add	*22.64*	
04 05 19 13-0183	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	184.19	
		For Hot-Dipped Galvanized, Add	*54.59*	
		For Stainless Steel, Add	*218.34*	
		For Seismic Hook And Eye, Add	*23.47*	

04 05 19 13-0184 Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0185 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*

04 05 19 13-0186	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	128.87	
		For Hot-Dipped Galvanized, Add	*36.48*	
		For Stainless Steel, Add	*145.90*	
		For Seismic Hook And Eye, Add	*15.68*	
04 05 19 13-0187	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	138.27	
		For Hot-Dipped Galvanized, Add	*37.36*	
		For Stainless Steel, Add	*149.44*	
		For Seismic Hook And Eye, Add	*16.06*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0188		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	144.61	
			For Hot-Dipped Galvanized, Add	*38.25*	
			For Stainless Steel, Add	*152.98*	
			For Seismic Hook And Eye, Add	*16.45*	
04 05 19 13-0189		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	150.94	
			For Hot-Dipped Galvanized, Add	*39.38*	
			For Stainless Steel, Add	*157.50*	
			For Seismic Hook And Eye, Add	*16.93*	
04 05 19 13-0190		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	155.81	
			For Hot-Dipped Galvanized, Add	*40.40*	
			For Stainless Steel, Add	*161.58*	
			For Seismic Hook And Eye, Add	*17.37*	
04 05 19 13-0191			3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*		
04 05 19 13-0192		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	148.70	
			For Hot-Dipped Galvanized, Add	*46.39*	
			For Stainless Steel, Add	*185.56*	
			For Seismic Hook And Eye, Add	*19.95*	
04 05 19 13-0193		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	158.25	
			For Hot-Dipped Galvanized, Add	*47.35*	
			For Stainless Steel, Add	*189.40*	
			For Seismic Hook And Eye, Add	*20.36*	
04 05 19 13-0194		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	164.86	
			For Hot-Dipped Galvanized, Add	*48.37*	
			For Stainless Steel, Add	*193.48*	
			For Seismic Hook And Eye, Add	*20.80*	
04 05 19 13-0195		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	170.58	
			For Hot-Dipped Galvanized, Add	*49.20*	
			For Stainless Steel, Add	*196.78*	
			For Seismic Hook And Eye, Add	*21.15*	
04 05 19 13-0196		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	175.64	
			For Hot-Dipped Galvanized, Add	*50.31*	
			For Stainless Steel, Add	*201.24*	
			For Seismic Hook And Eye, Add	*21.63*	
04 05 19 13-0197			3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*		
04 05 19 13-0198		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	150.74	
			For Hot-Dipped Galvanized, Add	*47.41*	
			For Stainless Steel, Add	*189.64*	
			For Seismic Hook And Eye, Add	*20.39*	
04 05 19 13-0199		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	161.66	
			For Hot-Dipped Galvanized, Add	*49.06*	
			For Stainless Steel, Add	*196.22*	
			For Seismic Hook And Eye, Add	*21.09*	
04 05 19 13-0200		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	169.51	
			For Hot-Dipped Galvanized, Add	*50.70*	
			For Stainless Steel, Add	*202.78*	
			For Seismic Hook And Eye, Add	*21.80*	
04 05 19 13-0201		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	177.48	
			For Hot-Dipped Galvanized, Add	*52.65*	
			For Stainless Steel, Add	*210.58*	
			For Seismic Hook And Eye, Add	*22.64*	
04 05 19 13-0202		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	184.19	
			For Hot-Dipped Galvanized, Add	*54.59*	
			For Stainless Steel, Add	*218.34*	
			For Seismic Hook And Eye, Add	*23.47*	
04 05 19 13-0203			Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*		
04 05 19 13-0204			Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0203)*		
04 05 19 13-0205			Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0206		CLF	#4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	63.93	
			For Hot-Dipped Galvanized, Add	*14.35*	
			For Stainless Steel, Add	*57.38*	

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04 05 19 13-0207	CLF	#6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	66.65	
		For Hot-Dipped Galvanized, Add	*14.50*	
		For Stainless Steel, Add	*58.00*	
04 05 19 13-0208	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	71.22	
		For Hot-Dipped Galvanized, Add	*15.07*	
		For Stainless Steel, Add	*60.28*	
04 05 19 13-0209	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	76.82	
		For Hot-Dipped Galvanized, Add	*15.82*	
		For Stainless Steel, Add	*63.26*	
04 05 19 13-0210	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	83.51	
		For Hot-Dipped Galvanized, Add	*16.65*	
		For Stainless Steel, Add	*66.60*	
04 05 19 13-0211	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	88.42	
		For Hot-Dipped Galvanized, Add	*17.10*	
		For Stainless Steel, Add	*68.40*	
04 05 19 13-0212	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	91.99	
		For Hot-Dipped Galvanized, Add	*17.75*	
		For Stainless Steel, Add	*71.00*	
04 05 19 13-0213	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	110.41	
		For Hot-Dipped Galvanized, Add	*24.94*	
		For Stainless Steel, Add	*99.74*	
04 05 19 13-0214	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	116.87	
		For Hot-Dipped Galvanized, Add	*26.36*	
		For Stainless Steel, Add	*105.44*	
04 05 19 13-0215	CLF	#20 (For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	159.88	
		For Hot-Dipped Galvanized, Add	*45.60*	
		For Stainless Steel, Add	*182.40*	
04 05 19 13-0216		Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0217	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	75.03	
		For Hot-Dipped Galvanized, Add	*19.89*	
		For Stainless Steel, Add	*79.56*	
04 05 19 13-0218	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	77.98	
		For Hot-Dipped Galvanized, Add	*20.17*	
		For Stainless Steel, Add	*80.66*	
04 05 19 13-0219	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	82.56	
		For Hot-Dipped Galvanized, Add	*20.74*	
		For Stainless Steel, Add	*82.96*	
04 05 19 13-0220	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	88.13	
		For Hot-Dipped Galvanized, Add	*21.47*	
		For Stainless Steel, Add	*85.88*	
04 05 19 13-0221	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	94.66	
		For Hot-Dipped Galvanized, Add	*22.23*	
		For Stainless Steel, Add	*88.90*	
04 05 19 13-0222	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	99.72	
		For Hot-Dipped Galvanized, Add	*22.76*	
		For Stainless Steel, Add	*91.02*	
04 05 19 13-0223	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	103.11	
		For Hot-Dipped Galvanized, Add	*23.31*	
		For Stainless Steel, Add	*93.24*	
04 05 19 13-0224	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.35	
		For Hot-Dipped Galvanized, Add	*32.41*	
		For Stainless Steel, Add	*129.62*	
04 05 19 13-0225	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	131.81	
		For Hot-Dipped Galvanized, Add	*33.83*	
		For Stainless Steel, Add	*135.32*	
04 05 19 13-0226	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	191.97	
		For Hot-Dipped Galvanized, Add	*63.91*	
		For Stainless Steel, Add	*255.64*	
04 05 19 13-0227		Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0228	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	92.00	
		For Hot-Dipped Galvanized, Add	*28.38*	
		For Stainless Steel, Add	*113.50*	
04 05 19 13-0229	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	95.42	
		For Hot-Dipped Galvanized, Add	*28.73*	
		For Stainless Steel, Add	*114.92*	
04 05 19 13-0230	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	100.24	
		For Hot-Dipped Galvanized, Add	*29.79*	
		For Stainless Steel, Add	*119.14*	
04 05 19 13-0231	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	107.64	
		For Hot-Dipped Galvanized, Add	*31.23*	
		For Stainless Steel, Add	*124.90*	
04 05 19 13-0232	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	115.76	
		For Hot-Dipped Galvanized, Add	*33.03*	
		For Stainless Steel, Add	*132.10*	
04 05 19 13-0233	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	121.92	
		For Hot-Dipped Galvanized, Add	*33.85*	
		For Stainless Steel, Add	*135.38*	
04 05 19 13-0234	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	126.62	
		For Hot-Dipped Galvanized, Add	*35.07*	
		For Stainless Steel, Add	*140.26*	
04 05 19 13-0235	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	159.00	
		For Hot-Dipped Galvanized, Add	*49.23*	
		For Stainless Steel, Add	*196.90*	
04 05 19 13-0236	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	168.19	
		For Hot-Dipped Galvanized, Add	*52.01*	
		For Stainless Steel, Add	*208.04*	
04 05 19 13-0237	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	248.54	
		For Hot-Dipped Galvanized, Add	*89.93*	
		For Stainless Steel, Add	*359.72*	

04 05 19 13-0238 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0239	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	81.30	
		For Hot-Dipped Galvanized, Add	*23.03*	
		For Stainless Steel, Add	*92.10*	
04 05 19 13-0240	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	84.72	
		For Hot-Dipped Galvanized, Add	*23.53*	
		For Stainless Steel, Add	*94.12*	
04 05 19 13-0241	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	89.29	
		For Hot-Dipped Galvanized, Add	*24.11*	
		For Stainless Steel, Add	*96.42*	
04 05 19 13-0242	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	94.70	
		For Hot-Dipped Galvanized, Add	*24.76*	
		For Stainless Steel, Add	*99.02*	
04 05 19 13-0243	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	100.99	
		For Hot-Dipped Galvanized, Add	*25.39*	
		For Stainless Steel, Add	*101.54*	
04 05 19 13-0244	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	105.62	
		For Hot-Dipped Galvanized, Add	*25.70*	
		For Stainless Steel, Add	*102.78*	
04 05 19 13-0245	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	109.03	
		For Hot-Dipped Galvanized, Add	*26.05*	
		For Stainless Steel, Add	*104.20*	
04 05 19 13-0246	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	122.51	
		For Hot-Dipped Galvanized, Add	*30.98*	
		For Stainless Steel, Add	*123.92*	

04 05 19 13-0247 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0248	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	92.52	
		For Hot-Dipped Galvanized, Add	*28.64*	
		For Stainless Steel, Add	*114.54*	
04 05 19 13-0249	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	96.08	
		For Hot-Dipped Galvanized, Add	*29.21*	
		For Stainless Steel, Add	*116.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0250	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	100.76	
		For Hot-Dipped Galvanized, Add	*29.84*	
		For Stainless Steel, Add	*119.36*	
04 05 19 13-0251	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	106.05	
		For Hot-Dipped Galvanized, Add	*30.43*	
		For Stainless Steel, Add	*121.72*	
04 05 19 13-0252	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	112.32	
		For Hot-Dipped Galvanized, Add	*31.05*	
		For Stainless Steel, Add	*124.20*	
04 05 19 13-0253	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	116.99	
		For Hot-Dipped Galvanized, Add	*31.39*	
		For Stainless Steel, Add	*125.56*	
04 05 19 13-0254	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	120.34	
		For Hot-Dipped Galvanized, Add	*31.70*	
		For Stainless Steel, Add	*126.80*	
04 05 19 13-0255	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	137.42	
		For Hot-Dipped Galvanized, Add	*38.44*	
		For Stainless Steel, Add	*153.76*	
04 05 19 13-0256	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	171.45	
		For Hot-Dipped Galvanized, Add	*53.65*	
		For Stainless Steel, Add	*214.60*	

04 05 19 13-0257 Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0258	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	103.37	
		For Hot-Dipped Galvanized, Add	*34.06*	
		For Stainless Steel, Add	*136.24*	
04 05 19 13-0259	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	108.41	
		For Hot-Dipped Galvanized, Add	*35.23*	
		For Stainless Steel, Add	*140.90*	
04 05 19 13-0260	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	113.45	
		For Hot-Dipped Galvanized, Add	*36.39*	
		For Stainless Steel, Add	*145.56*	
04 05 19 13-0261	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	120.75	
		For Hot-Dipped Galvanized, Add	*37.78*	
		For Stainless Steel, Add	*151.12*	
04 05 19 13-0262	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	128.04	
		For Hot-Dipped Galvanized, Add	*39.17*	
		For Stainless Steel, Add	*156.66*	
04 05 19 13-0263	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	134.04	
		For Hot-Dipped Galvanized, Add	*39.91*	
		For Stainless Steel, Add	*159.62*	
04 05 19 13-0264	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	137.56	
		For Hot-Dipped Galvanized, Add	*40.54*	
		For Stainless Steel, Add	*162.14*	
04 05 19 13-0265	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	144.16	
		For Hot-Dipped Galvanized, Add	*41.81*	
		For Stainless Steel, Add	*167.22*	
04 05 19 13-0266	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	186.02	
		For Hot-Dipped Galvanized, Add	*60.93*	
		For Stainless Steel, Add	*243.70*	

04 05 19 13-0267 Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0268	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	107.12	
		For Hot-Dipped Galvanized, Add	*35.94*	
		For Stainless Steel, Add	*143.74*	
04 05 19 13-0269	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	110.53	
		For Hot-Dipped Galvanized, Add	*36.44*	
		For Stainless Steel, Add	*145.74*	
04 05 19 13-0270	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	115.10	
		For Hot-Dipped Galvanized, Add	*37.01*	
		For Stainless Steel, Add	*148.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0271	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	120.51	
		For Hot-Dipped Galvanized, Add	*37.66*	
		For Stainless Steel, Add	*150.64*	
04 05 19 13-0272	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	126.81	
		For Hot-Dipped Galvanized, Add	*38.30*	
		For Stainless Steel, Add	*153.18*	
04 05 19 13-0273	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	131.44	
		For Hot-Dipped Galvanized, Add	*38.61*	
		For Stainless Steel, Add	*154.42*	
04 05 19 13-0274	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	134.85	
		For Hot-Dipped Galvanized, Add	*38.96*	
		For Stainless Steel, Add	*155.84*	
04 05 19 13-0275	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	148.32	
		For Hot-Dipped Galvanized, Add	*43.89*	
		For Stainless Steel, Add	*175.54*	
04 05 19 13-0276	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	171.67	
		For Hot-Dipped Galvanized, Add	*53.76*	
		For Stainless Steel, Add	*215.02*	
04 05 19 13-0277		Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0278	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	118.33	
		For Hot-Dipped Galvanized, Add	*41.54*	
		For Stainless Steel, Add	*166.16*	
04 05 19 13-0279	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	121.89	
		For Hot-Dipped Galvanized, Add	*42.12*	
		For Stainless Steel, Add	*168.46*	
04 05 19 13-0280	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	126.58	
		For Hot-Dipped Galvanized, Add	*42.75*	
		For Stainless Steel, Add	*171.00*	
04 05 19 13-0281	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	131.87	
		For Hot-Dipped Galvanized, Add	*43.34*	
		For Stainless Steel, Add	*173.36*	
04 05 19 13-0282	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	138.14	
		For Hot-Dipped Galvanized, Add	*43.96*	
		For Stainless Steel, Add	*175.84*	
04 05 19 13-0283	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	142.81	
		For Hot-Dipped Galvanized, Add	*44.30*	
		For Stainless Steel, Add	*177.20*	
04 05 19 13-0284	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	146.16	
		For Hot-Dipped Galvanized, Add	*44.61*	
		For Stainless Steel, Add	*178.44*	
04 05 19 13-0285	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	163.24	
		For Hot-Dipped Galvanized, Add	*51.35*	
		For Stainless Steel, Add	*205.40*	
04 05 19 13-0286	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	197.27	
		For Hot-Dipped Galvanized, Add	*66.56*	
		For Stainless Steel, Add	*266.24*	
04 05 19 13-0287		Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0288	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	129.19	
		For Hot-Dipped Galvanized, Add	*46.97*	
		For Stainless Steel, Add	*187.88*	
04 05 19 13-0289	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	134.23	
		For Hot-Dipped Galvanized, Add	*48.14*	
		For Stainless Steel, Add	*192.54*	
04 05 19 13-0290	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	139.27	
		For Hot-Dipped Galvanized, Add	*49.30*	
		For Stainless Steel, Add	*197.20*	
04 05 19 13-0291	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	146.56	
		For Hot-Dipped Galvanized, Add	*50.69*	
		For Stainless Steel, Add	*202.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0292	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	153.86	
		For Hot-Dipped Galvanized, Add	*52.08*	
		For Stainless Steel, Add	*208.30*	
04 05 19 13-0293	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	159.85	
		For Hot-Dipped Galvanized, Add	*52.81*	
		For Stainless Steel, Add	*211.24*	
04 05 19 13-0294	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	163.38	
		For Hot-Dipped Galvanized, Add	*53.45*	
		For Stainless Steel, Add	*213.78*	
04 05 19 13-0295	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	169.98	
		For Hot-Dipped Galvanized, Add	*54.72*	
		For Stainless Steel, Add	*218.86*	
04 05 19 13-0296	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	211.83	
		For Hot-Dipped Galvanized, Add	*73.83*	
		For Stainless Steel, Add	*295.32*	

04 05 19 13-0297 Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0298 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0299	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	90.71	
		For Hot-Dipped Galvanized, Add	*22.48*	
		For Stainless Steel, Add	*89.90*	
04 05 19 13-0300	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	97.96	
		For Hot-Dipped Galvanized, Add	*23.56*	
		For Stainless Steel, Add	*94.24*	
04 05 19 13-0301	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	105.79	
		For Hot-Dipped Galvanized, Add	*24.94*	
		For Stainless Steel, Add	*99.74*	
04 05 19 13-0302	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	112.76	
		For Hot-Dipped Galvanized, Add	*25.88*	
		For Stainless Steel, Add	*103.52*	
04 05 19 13-0303	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	116.89	
		For Hot-Dipped Galvanized, Add	*26.67*	
		For Stainless Steel, Add	*106.68*	
04 05 19 13-0304	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	125.27	
		For Hot-Dipped Galvanized, Add	*28.58*	
		For Stainless Steel, Add	*114.30*	
04 05 19 13-0305	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	133.15	
		For Hot-Dipped Galvanized, Add	*30.48*	
		For Stainless Steel, Add	*121.92*	

04 05 19 13-0306 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0307	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	104.71	
		For Hot-Dipped Galvanized, Add	*29.48*	
		For Stainless Steel, Add	*117.90*	
04 05 19 13-0308	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	111.99	
		For Hot-Dipped Galvanized, Add	*30.58*	
		For Stainless Steel, Add	*122.30*	
04 05 19 13-0309	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	119.77	
		For Hot-Dipped Galvanized, Add	*31.93*	
		For Stainless Steel, Add	*127.70*	
04 05 19 13-0310	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	126.77	
		For Hot-Dipped Galvanized, Add	*32.89*	
		For Stainless Steel, Add	*131.54*	
04 05 19 13-0311	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	130.80	
		For Hot-Dipped Galvanized, Add	*33.63*	
		For Stainless Steel, Add	*134.50*	
04 05 19 13-0312	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	139.21	
		For Hot-Dipped Galvanized, Add	*35.55*	
		For Stainless Steel, Add	*142.18*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0313	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		147.16	
		For Hot-Dipped Galvanized, Add		*37.49*	
		For Stainless Steel, Add		*149.94*	

04 05 19 13-0314 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0315	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		117.69	
		For Hot-Dipped Galvanized, Add		*35.97*	
		For Stainless Steel, Add		*143.86*	
04 05 19 13-0316	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		126.18	
		For Hot-Dipped Galvanized, Add		*37.67*	
		For Stainless Steel, Add		*150.68*	
04 05 19 13-0317	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		135.94	
		For Hot-Dipped Galvanized, Add		*40.01*	
		For Stainless Steel, Add		*160.04*	
04 05 19 13-0318	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		143.56	
		For Hot-Dipped Galvanized, Add		*41.28*	
		For Stainless Steel, Add		*165.12*	
04 05 19 13-0319	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		148.65	
		For Hot-Dipped Galvanized, Add		*42.55*	
		For Stainless Steel, Add		*170.20*	
04 05 19 13-0320	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		158.95	
		For Hot-Dipped Galvanized, Add		*45.42*	
		For Stainless Steel, Add		*181.66*	
04 05 19 13-0321	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		167.76	
		For Hot-Dipped Galvanized, Add		*47.79*	
		For Stainless Steel, Add		*191.14*	

04 05 19 13-0322 Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0323 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

04 05 19 13-0324	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		134.36	
		For Hot-Dipped Galvanized, Add		*44.30*	
		For Stainless Steel, Add		*177.20*	
04 05 19 13-0325	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		140.06	
		For Hot-Dipped Galvanized, Add		*44.61*	
		For Stainless Steel, Add		*178.44*	
04 05 19 13-0326	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		147.31	
		For Hot-Dipped Galvanized, Add		*45.70*	
		For Stainless Steel, Add		*182.78*	
04 05 19 13-0327	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		157.82	
		For Hot-Dipped Galvanized, Add		*47.14*	
		For Stainless Steel, Add		*188.54*	
04 05 19 13-0328	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		165.79	
		For Hot-Dipped Galvanized, Add		*48.84*	
		For Stainless Steel, Add		*195.34*	
04 05 19 13-0329	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		174.02	
		For Hot-Dipped Galvanized, Add		*50.92*	
		For Stainless Steel, Add		*203.66*	

04 05 19 13-0330 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

04 05 19 13-0331	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		156.01	
		For Hot-Dipped Galvanized, Add		*55.13*	
		For Stainless Steel, Add		*220.50*	
04 05 19 13-0332	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		162.02	
		For Hot-Dipped Galvanized, Add		*55.59*	
		For Stainless Steel, Add		*222.36*	
04 05 19 13-0333	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		169.27	
		For Hot-Dipped Galvanized, Add		*56.68*	
		For Stainless Steel, Add		*226.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0334	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	179.72	
		For Hot-Dipped Galvanized, Add	*58.09*	
		For Stainless Steel, Add	*232.34*	
04 05 19 13-0335	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	187.42	
		For Hot-Dipped Galvanized, Add	*59.65*	
		For Stainless Steel, Add	*238.60*	
04 05 19 13-0336	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	194.65	
		For Hot-Dipped Galvanized, Add	*61.23*	
		For Stainless Steel, Add	*244.92*	
04 05 19 13-0337		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*		
04 05 19 13-0338	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	167.88	
		For Hot-Dipped Galvanized, Add	*61.06*	
		For Stainless Steel, Add	*244.24*	
04 05 19 13-0339	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	173.89	
		For Hot-Dipped Galvanized, Add	*61.53*	
		For Stainless Steel, Add	*246.10*	
04 05 19 13-0340	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	182.37	
		For Hot-Dipped Galvanized, Add	*63.23*	
		For Stainless Steel, Add	*252.90*	
04 05 19 13-0341	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	194.46	
		For Hot-Dipped Galvanized, Add	*65.46*	
		For Stainless Steel, Add	*261.82*	
04 05 19 13-0342	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	204.67	
		For Hot-Dipped Galvanized, Add	*68.28*	
		For Stainless Steel, Add	*273.10*	
04 05 19 13-0343	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	215.00	
		For Hot-Dipped Galvanized, Add	*71.41*	
		For Stainless Steel, Add	*285.62*	
04 05 19 13-0344		Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*		
04 05 19 13-0345		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*		
04 05 19 13-0346	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	143.56	
		For Hot-Dipped Galvanized, Add	*46.36*	
		For Stainless Steel, Add	*185.44*	
04 05 19 13-0347	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	149.29	
		For Hot-Dipped Galvanized, Add	*46.69*	
		For Stainless Steel, Add	*186.74*	
04 05 19 13-0348	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	159.02	
		For Hot-Dipped Galvanized, Add	*47.74*	
		For Stainless Steel, Add	*190.94*	
04 05 19 13-0349	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	166.44	
		For Hot-Dipped Galvanized, Add	*49.16*	
		For Stainless Steel, Add	*196.64*	
04 05 19 13-0350	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	173.98	
		For Hot-Dipped Galvanized, Add	*50.90*	
		For Stainless Steel, Add	*203.58*	
04 05 19 13-0351	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	180.35	
		For Hot-Dipped Galvanized, Add	*52.67*	
		For Stainless Steel, Add	*210.66*	
04 05 19 13-0352		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*		
04 05 19 13-0353	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	165.15	
		For Hot-Dipped Galvanized, Add	*57.16*	
		For Stainless Steel, Add	*228.62*	
04 05 19 13-0354	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	171.16	
		For Hot-Dipped Galvanized, Add	*57.62*	
		For Stainless Steel, Add	*230.48*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0355		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	180.96	
			For Hot-Dipped Galvanized, Add	*58.71*	
			For Stainless Steel, Add	*234.82*	
04 05 19 13-0356		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	188.38	
			For Hot-Dipped Galvanized, Add	*60.13*	
			For Stainless Steel, Add	*240.52*	
04 05 19 13-0357		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	195.58	
			For Hot-Dipped Galvanized, Add	*61.70*	
			For Stainless Steel, Add	*246.78*	
04 05 19 13-0358		CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	202.12	
			For Hot-Dipped Galvanized, Add	*63.55*	
			For Stainless Steel, Add	*254.20*	

04 05 19 13-0359 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*

04 05 19 13-0360		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	177.04	
			For Hot-Dipped Galvanized, Add	*63.10*	
			For Stainless Steel, Add	*252.40*	
04 05 19 13-0361		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	183.02	
			For Hot-Dipped Galvanized, Add	*63.55*	
			For Stainless Steel, Add	*254.20*	
04 05 19 13-0362		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	194.12	
			For Hot-Dipped Galvanized, Add	*65.29*	
			For Stainless Steel, Add	*261.14*	
04 05 19 13-0363		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	203.12	
			For Hot-Dipped Galvanized, Add	*67.50*	
			For Stainless Steel, Add	*270.00*	
04 05 19 13-0364		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	212.80	
			For Hot-Dipped Galvanized, Add	*70.31*	
			For Stainless Steel, Add	*281.22*	
04 05 19 13-0365		CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	219.90	
			For Hot-Dipped Galvanized, Add	*72.44*	
			For Stainless Steel, Add	*289.76*	

04 05 19 13-0366 Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0367 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*

04 05 19 13-0368		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	135.22	
			For Hot-Dipped Galvanized, Add	*42.19*	
			For Stainless Steel, Add	*168.76*	
			For Seismic Hook And Eye, Add	*18.14*	
04 05 19 13-0369		CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	140.89	
			For Hot-Dipped Galvanized, Add	*42.49*	
			For Stainless Steel, Add	*169.94*	
			For Seismic Hook And Eye, Add	*18.27*	
04 05 19 13-0370		CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	150.35	
			For Hot-Dipped Galvanized, Add	*43.40*	
			For Stainless Steel, Add	*173.60*	
			For Seismic Hook And Eye, Add	*18.66*	
04 05 19 13-0371		CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	157.55	
			For Hot-Dipped Galvanized, Add	*44.72*	
			For Stainless Steel, Add	*178.86*	
			For Seismic Hook And Eye, Add	*19.23*	
04 05 19 13-0372		CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	164.35	
			For Hot-Dipped Galvanized, Add	*46.08*	
			For Stainless Steel, Add	*184.32*	
			For Seismic Hook And Eye, Add	*19.81*	
04 05 19 13-0373		CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	170.53	
			For Hot-Dipped Galvanized, Add	*47.76*	
			For Stainless Steel, Add	*191.02*	
			For Seismic Hook And Eye, Add	*20.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 05 19 13-0374 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*

04 05 19 13-0375	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	155.11	
		For Hot-Dipped Galvanized, Add	*52.14*	
		For Stainless Steel, Add	*208.54*	
		For Seismic Hook And Eye, Add	*22.42*	
04 05 19 13-0376	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	161.00	
		For Hot-Dipped Galvanized, Add	*52.54*	
		For Stainless Steel, Add	*210.16*	
		For Seismic Hook And Eye, Add	*22.59*	
04 05 19 13-0377	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	170.30	
		For Hot-Dipped Galvanized, Add	*53.38*	
		For Stainless Steel, Add	*213.50*	
		For Seismic Hook And Eye, Add	*22.95*	
04 05 19 13-0378	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	177.38	
		For Hot-Dipped Galvanized, Add	*54.63*	
		For Stainless Steel, Add	*218.52*	
		For Seismic Hook And Eye, Add	*23.49*	
04 05 19 13-0379	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	184.15	
		For Hot-Dipped Galvanized, Add	*55.98*	
		For Stainless Steel, Add	*223.92*	
		For Seismic Hook And Eye, Add	*24.07*	
04 05 19 13-0380	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	189.95	
		For Hot-Dipped Galvanized, Add	*57.47*	
		For Stainless Steel, Add	*229.86*	
		For Seismic Hook And Eye, Add	*24.71*	

04 05 19 13-0381 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*

04 05 19 13-0382	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	167.13	
		For Hot-Dipped Galvanized, Add	*58.15*	
		For Stainless Steel, Add	*232.58*	
		For Seismic Hook And Eye, Add	*25.00*	
04 05 19 13-0383	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	173.11	
		For Hot-Dipped Galvanized, Add	*58.60*	
		For Stainless Steel, Add	*234.38*	
		For Seismic Hook And Eye, Add	*25.20*	
04 05 19 13-0384	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	183.99	
		For Hot-Dipped Galvanized, Add	*60.22*	
		For Stainless Steel, Add	*240.88*	
		For Seismic Hook And Eye, Add	*25.89*	
04 05 19 13-0385	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	192.81	
		For Hot-Dipped Galvanized, Add	*62.35*	
		For Stainless Steel, Add	*249.38*	
		For Seismic Hook And Eye, Add	*26.81*	
04 05 19 13-0386	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	202.24	
		For Hot-Dipped Galvanized, Add	*65.03*	
		For Stainless Steel, Add	*260.10*	
		For Seismic Hook And Eye, Add	*27.96*	
04 05 19 13-0387	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	211.01	
		For Hot-Dipped Galvanized, Add	*68.00*	
		For Stainless Steel, Add	*271.98*	
		For Seismic Hook And Eye, Add	*29.24*	

04 05 19 13-0388 Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0389 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall *(04 05 19 13-0388)*

04 05 19 13-0390	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	144.27	
		For Hot-Dipped Galvanized, Add	*44.18*	
		For Stainless Steel, Add	*176.70*	
		For Seismic Hook And Eye, Add	*19.00*	
04 05 19 13-0391	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	152.52	
		For Hot-Dipped Galvanized, Add	*44.49*	
		For Stainless Steel, Add	*177.94*	
		For Seismic Hook And Eye, Add	*19.13*	

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	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0392		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	159.04	
			For Hot-Dipped Galvanized, Add	*45.46*	
			For Stainless Steel, Add	*181.84*	
			For Seismic Hook And Eye, Add	*19.55*	
04 05 19 13-0393		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	165.90	
			For Hot-Dipped Galvanized, Add	*46.86*	
			For Stainless Steel, Add	*187.42*	
			For Seismic Hook And Eye, Add	*20.15*	
04 05 19 13-0394		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	171.95	
			For Hot-Dipped Galvanized, Add	*48.47*	
			For Stainless Steel, Add	*193.86*	
			For Seismic Hook And Eye, Add	*20.84*	
04 05 19 13-0395			3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0388)*		
04 05 19 13-0396		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	165.71	
			For Hot-Dipped Galvanized, Add	*54.90*	
			For Stainless Steel, Add	*219.58*	
			For Seismic Hook And Eye, Add	*23.60*	
04 05 19 13-0397		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	174.02	
			For Hot-Dipped Galvanized, Add	*55.24*	
			For Stainless Steel, Add	*220.94*	
			For Seismic Hook And Eye, Add	*23.75*	
04 05 19 13-0398		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	180.48	
			For Hot-Dipped Galvanized, Add	*56.18*	
			For Stainless Steel, Add	*224.72*	
			For Seismic Hook And Eye, Add	*24.16*	
04 05 19 13-0399		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	187.09	
			For Hot-Dipped Galvanized, Add	*57.45*	
			For Stainless Steel, Add	*229.80*	
			For Seismic Hook And Eye, Add	*24.70*	
04 05 19 13-0400		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	192.52	
			For Hot-Dipped Galvanized, Add	*58.75*	
			For Stainless Steel, Add	*235.00*	
			For Seismic Hook And Eye, Add	*25.26*	
04 05 19 13-0401			3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0388)*		
04 05 19 13-0402		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	176.12	
			For Hot-Dipped Galvanized, Add	*60.10*	
			For Stainless Steel, Add	*240.40*	
			For Seismic Hook And Eye, Add	*25.84*	
04 05 19 13-0403		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	184.61	
			For Hot-Dipped Galvanized, Add	*60.53*	
			For Stainless Steel, Add	*242.12*	
			For Seismic Hook And Eye, Add	*26.03*	
04 05 19 13-0404		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	192.47	
			For Hot-Dipped Galvanized, Add	*62.18*	
			For Stainless Steel, Add	*248.70*	
			For Seismic Hook And Eye, Add	*26.74*	
04 05 19 13-0405		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	200.75	
			For Hot-Dipped Galvanized, Add	*64.28*	
			For Stainless Steel, Add	*257.12*	
			For Seismic Hook And Eye, Add	*27.64*	
04 05 19 13-0406		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	208.94	
			For Hot-Dipped Galvanized, Add	*66.96*	
			For Stainless Steel, Add	*267.84*	
			For Seismic Hook And Eye, Add	*28.79*	
04 05 19 16			**Masonry Anchors** *(04 05 19)*		
04 05 19 16-0001			Rectangular, Wire Masonry Wall Ties *(04 05 19 16)*		
04 05 19 16-0002			Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*		
04 05 19 16-0003		EA	2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.35	
04 05 19 16-0004		EA	2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.46	
04 05 19 16-0005		EA	2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.57	
04 05 19 16-0006		EA	2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.70	
04 05 19 16-0007		EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.83	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0008	EA	4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.57	
04 05 19 16-0009	EA	4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.70	
04 05 19 16-0010	EA	4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.83	
04 05 19 16-0011	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.96	
04 05 19 16-0012		Mill Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*		
04 05 19 16-0013	EA	2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.16	
04 05 19 16-0014	EA	2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.20	
04 05 19 16-0015	EA	2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.25	
04 05 19 16-0016	EA	2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.32	
04 05 19 16-0017	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.39	
04 05 19 16-0018	EA	4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.25	
04 05 19 16-0019	EA	4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.32	
04 05 19 16-0020	EA	4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.39	
04 05 19 16-0021	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.47	
04 05 19 16-0022		Z-Type, Wire Masonry Wall Ties *(04 05 19 16)*		
04 05 19 16-0023		Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*		
04 05 19 16-0024	EA	6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.16	
04 05 19 16-0025	EA	8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.23	
04 05 19 16-0026	EA	10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.42	
04 05 19 16-0027	EA	12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.51	
04 05 19 16-0028	EA	6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.53	
04 05 19 16-0029	EA	8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.65	
04 05 19 16-0030	EA	10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.80	
04 05 19 16-0031	EA	12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.89	
04 05 19 16-0032		Mill Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*		
04 05 19 16-0033	EA	6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.02	
04 05 19 16-0034	EA	8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.04	
04 05 19 16-0035	EA	10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.19	
04 05 19 16-0036	EA	12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.23	
04 05 19 16-0037	EA	6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.24	
04 05 19 16-0038	EA	8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.32	
04 05 19 16-0039	EA	10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.39	
04 05 19 16-0040	EA	12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.49	
04 05 19 16-0041		Wire Beam Ties *(04 05 19 16)*		
04 05 19 16-0042		Hot-Dipped Galvanized, Wire Beam Ties *(04 05 19 16-0041)*		
04 05 19 16-0043	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.69	
04 05 19 16-0044	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.74	
04 05 19 16-0045	EA	6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.78	
04 05 19 16-0046	EA	8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.83	
04 05 19 16-0047	EA	10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.92	
04 05 19 16-0048		Mill Galvanized, Wire Beam Ties *(04 05 19 16-0041)*		
04 05 19 16-0049	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.08	
04 05 19 16-0050	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.19	
04 05 19 16-0051	EA	6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.31	
04 05 19 16-0052	EA	8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.36	
04 05 19 16-0053	EA	10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.45	
04 05 19 16-0054		Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16)*		
04 05 19 16-0055		Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)*		
04 05 19 16-0056	EA	6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.92	
04 05 19 16-0057	EA	7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.02	
04 05 19 16-0058	EA	8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.05	
04 05 19 16-0059	EA	9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.14	
04 05 19 16-0060	EA	10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.17	
04 05 19 16-0061		Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)*		
04 05 19 16-0062	EA	6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.57	
04 05 19 16-0063	EA	7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.63	
04 05 19 16-0064	EA	8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.66	
04 05 19 16-0065	EA	9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.71	
04 05 19 16-0066	EA	10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.73	
04 05 19 16-0067		Corrugated Buck (Brick) Anchors *(04 05 19 16)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0068		Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors *(04 05 19 16-0067)*		
04 05 19 16-0069	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.41	
04 05 19 16-0070	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.52	
04 05 19 16-0071	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.62	
04 05 19 16-0072	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.73	
04 05 19 16-0073	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.84	
04 05 19 16-0074	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.50	
04 05 19 16-0075	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.62	
04 05 19 16-0076	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.73	
04 05 19 16-0077	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.85	
04 05 19 16-0078	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.97	
04 05 19 16-0079		Mill Galvanized, Corrugated Buck (Brick) Anchors *(04 05 19 16-0067)*		
04 05 19 16-0080	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.03	
04 05 19 16-0081	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.11	
04 05 19 16-0082	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.18	
04 05 19 16-0083	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.26	
04 05 19 16-0084	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.34	
04 05 19 16-0085	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.10	
04 05 19 16-0086	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.18	
04 05 19 16-0087	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.27	
04 05 19 16-0088	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.35	
04 05 19 16-0089	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.44	
04 05 19 16-0090		Corrugated Wall Ties *(04 05 19 16)*		
04 05 19 16-0091		Hot-Dipped Galvanized, Corrugated Wall Ties *(04 05 19 16-0090)*		
04 05 19 16-0092	EA	7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.01	
04 05 19 16-0093	EA	7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.10	
04 05 19 16-0094	EA	7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.14	
04 05 19 16-0095	EA	7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.17	
04 05 19 16-0096	EA	7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.47	
04 05 19 16-0097		Mill Galvanized, Corrugated Wall Ties *(04 05 19 16-0090)*		
04 05 19 16-0098	EA	7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie	1.05	
04 05 19 16-0099	EA	7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie	1.07	
04 05 19 16-0100	EA	7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie	1.10	
04 05 19 16-0101	EA	7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie	1.33	
04 05 19 16-0102		Stainless Steel, Corrugated Wall Ties *(04 05 19 16-0090)*		
04 05 19 16-0103	EA	7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie	1.32	
04 05 19 16-0104	EA	7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie	1.38	
04 05 19 16-0105	EA	7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie	1.45	
04 05 19 16-0106	EA	7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie	1.51	
04 05 19 16-0107	EA	7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie	1.84	
04 05 19 16-0108		Wire Mesh Wall Ties *(04 05 19 16)*		
		Note: 1/2" square mesh.		
04 05 19 16-0109	EA	3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.24	
04 05 19 16-0110	EA	3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.81	
04 05 19 16-0111	EA	6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	3.40	
04 05 19 16-0112	EA	6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	4.48	
04 05 19 16-0113	EA	10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	4.09	
04 05 19 16-0114	EA	10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	5.23	
04 05 19 16-0115		Triangle Brick Ties *(04 05 19 16)*		
04 05 19 16-0116		Hot-Dipped Galvanized, Triangle Brick Ties *(04 05 19 16-0115)*		
04 05 19 16-0117	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.96	
04 05 19 16-0118	EA	3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.01	
04 05 19 16-0119	EA	4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.06	
04 05 19 16-0120	EA	4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.14	
04 05 19 16-0121	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.19	
04 05 19 16-0122	EA	6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.32	
04 05 19 16-0123	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.42	
04 05 19 16-0124	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.65	
04 05 19 16-0125	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.45	
04 05 19 16-0126	EA	3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.48	
04 05 19 16-0127	EA	4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.52	
04 05 19 16-0128	EA	4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.59	
04 05 19 16-0129	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.63	
04 05 19 16-0130	EA	6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.75	
04 05 19 16-0131	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.83	
04 05 19 16-0132	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	3.07	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0133		Mill Galvanized, Triangle Brick Ties *(04 05 19 16-0115)*			
04 05 19 16-0134	EA	3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie		1.73	
04 05 19 16-0135	EA	3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie		1.74	
04 05 19 16-0136	EA	4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie		1.76	
04 05 19 16-0137	EA	4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie		1.82	
04 05 19 16-0138	EA	5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie		1.83	
04 05 19 16-0139	EA	6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie		1.91	
04 05 19 16-0140	EA	7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie		1.94	
04 05 19 16-0141	EA	9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie		2.02	
04 05 19 16-0142	EA	3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie		2.01	
04 05 19 16-0143	EA	3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie		2.04	
04 05 19 16-0144	EA	4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie		2.07	
04 05 19 16-0145	EA	4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie		2.14	
04 05 19 16-0146	EA	5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie		2.16	
04 05 19 16-0147	EA	6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie		2.25	
04 05 19 16-0148	EA	7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie		2.30	
04 05 19 16-0149	EA	9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie		2.44	
04 05 19 16-0150		Seismic Veneer Anchors *(04 05 19 16)*			
04 05 19 16-0151	EA	3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor Note: For horizontal wire attachment. Excludes wire.		6.07	
04 05 19 16-0152		Slip-Set, Joint Stabilization Anchors *(04 05 19 16)* Note: For restraining lateral movement at control joints. Field bendable.			
04 05 19 16-0153	EA	9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor		7.92	
04 05 19 16-0154	EA	9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor		8.62	
04 05 19 16-0155	EA	9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor		6.07	
04 05 19 16-0156		Strap Partition Top Anchors *(04 05 19 16)*			
04 05 19 16-0157	EA	12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor		4.39	
04 05 19 16-0158	EA	12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor		6.39	
04 05 19 16-0159		Rigid Partition Anchors *(04 05 19 16)*			
04 05 19 16-0160		Hot-Dipped Galvanized, Rigid Partition Anchors *(04 05 19 16-0159)*			
04 05 19 16-0161	EA	1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor		3.01	
04 05 19 16-0162	EA	1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor		3.31	
04 05 19 16-0163	EA	1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor		3.68	
04 05 19 16-0164	EA	1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor		4.02	
04 05 19 16-0165	EA	2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor		4.35	
04 05 19 16-0166	EA	2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor		4.69	
04 05 19 16-0167	EA	1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor		4.36	
04 05 19 16-0168	EA	1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor		5.43	
04 05 19 16-0169	EA	1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor		6.51	
04 05 19 16-0170	EA	1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor		7.59	
04 05 19 16-0171	EA	2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor		8.66	
04 05 19 16-0172	EA	2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor		9.74	
04 05 19 16-0173		Mill Galvanized, Rigid Partition Anchors *(04 05 19 16-0159)*			
04 05 19 16-0174	EA	1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor		2.71	
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor		2.97	
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor		3.24	
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor		3.50	
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor		3.76	
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor		4.02	
04 05 19 16-0180		Screw-On Masonry Veneer Anchor Plates *(04 05 19 16)*			
04 05 19 16-0181	EA	12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate		1.92	
04 05 19 16-0182	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate		2.04	
04 05 19 16-0183		Wire Column Ties *(04 05 19 16)*			
04 05 19 16-0184		Hot-Dipped Galvanized, Wire Column Ties *(04 05 19 16-0183)*			
04 05 19 16-0185	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie		2.39	
04 05 19 16-0186	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie		2.57	
04 05 19 16-0187	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie		2.70	
04 05 19 16-0188	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie		2.88	
04 05 19 16-0189	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie		2.54	
04 05 19 16-0190	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie		2.70	
04 05 19 16-0191	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie		2.81	
04 05 19 16-0192	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie		2.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0193	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.33	
04 05 19 16-0194	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.64	
04 05 19 16-0195	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.85	
04 05 19 16-0196	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.14	
04 05 19 16-0197	EA	10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.64	
04 05 19 16-0198	EA	12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.85	
04 05 19 16-0199	EA	14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.03	
04 05 19 16-0200	EA	16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.23	
04 05 19 16-0201		Mill Galvanized, Wire Column Ties *(04 05 19 16-0183)*		
04 05 19 16-0202	EA	3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.07	
04 05 19 16-0203	EA	5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.18	
04 05 19 16-0204	EA	7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.25	
04 05 19 16-0205	EA	9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.36	
04 05 19 16-0206	EA	10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.12	
04 05 19 16-0207	EA	12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.23	
04 05 19 16-0208	EA	14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.30	
04 05 19 16-0209	EA	16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.39	
04 05 19 16-0210	EA	3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.77	
04 05 19 16-0211	EA	5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.97	
04 05 19 16-0212	EA	7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.06	
04 05 19 16-0213	EA	9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.26	
04 05 19 16-0214	EA	10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.68	
04 05 19 16-0215	EA	12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.02	
04 05 19 16-0216	EA	14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.15	
04 05 19 16-0217	EA	16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.26	
04 05 19 16-0218		Dovetail Anchors, Slots And Ties *(04 05 19 16)*		
04 05 19 16-0219		Dovetail Anchor Slots *(04 05 19 16-0218)*		
04 05 19 16-0220		Hot-Dipped Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0221	LF	24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	4.27	
04 05 19 16-0222	LF	22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	4.80	
04 05 19 16-0223	LF	20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.11	
04 05 19 16-0224	LF	18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.26	
04 05 19 16-0225	LF	16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.62	
04 05 19 16-0226		Mill Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0227	LF	24 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.22	
04 05 19 16-0228	LF	22 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.89	
04 05 19 16-0229	LF	20 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.04	
04 05 19 16-0230	LF	18 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.27	
04 05 19 16-0231	LF	16 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.42	
04 05 19 16-0232		304 Stainless Steel, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0233	LF	24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.78	
04 05 19 16-0234	LF	22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.22	
04 05 19 16-0235	LF	20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.37	
04 05 19 16-0236	LF	18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.87	
04 05 19 16-0237	LF	16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	5.35	
04 05 19 16-0238		316 Stainless Steel, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0239	LF	24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.12	
04 05 19 16-0240	LF	22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.46	
04 05 19 16-0241	LF	20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.79	
04 05 19 16-0242	LF	18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.22	
04 05 19 16-0243	LF	16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.47	
04 05 19 16-0244		Dovetail Corrugated Brick Ties *(04 05 19 16-0218)*		
04 05 19 16-0245		Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie *(04 05 19 16-0244)*		
04 05 19 16-0246	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.37	
04 05 19 16-0247	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.54	
04 05 19 16-0248	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.71	
04 05 19 16-0249	EA	3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.41	
04 05 19 16-0250	EA	5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.73	
04 05 19 16-0251	EA	7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.97	
04 05 19 16-0252	EA	3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.50	
04 05 19 16-0253	EA	5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.72	
04 05 19 16-0254	EA	7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.94	
04 05 19 16-0255		Mill Galvanized, Dovetail Corrugated Brick Tie *(04 05 19 16-0244)*		
04 05 19 16-0256	EA	3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.22	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0257	EA	5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.32	
04 05 19 16-0258	EA	7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.43	
04 05 19 16-0259	EA	3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.30	
04 05 19 16-0260	EA	5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.51	
04 05 19 16-0261	EA	7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.68	
04 05 19 16-0262	EA	3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.34	
04 05 19 16-0263	EA	5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.59	
04 05 19 16-0264	EA	7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.76	
04 05 19 16-0265		Dovetail Stone Anchors *(04 05 19 16-0218)*		
04 05 19 16-0266		Hot-Dipped Galvanized, Dovetail Stone Anchors *(04 05 19 16-0265)*		
04 05 19 16-0267	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.73	
04 05 19 16-0268	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.90	
04 05 19 16-0269	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	2.08	
04 05 19 16-0270		Dovetail Partition Top Anchors *(04 05 19 16-0218)*		
04 05 19 16-0271	EA	3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor	4.54	
04 05 19 16-0272	EA	3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor	6.87	
04 05 19 16-0273		Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0218)*		
04 05 19 16-0274		Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)*		
04 05 19 16-0275	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	2.66	
04 05 19 16-0276	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	2.88	
04 05 19 16-0277	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	3.03	
04 05 19 16-0278	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	3.19	
04 05 19 16-0279		Mill Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)*		
04 05 19 16-0280	EA	3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.34	
04 05 19 16-0281	EA	5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.36	
04 05 19 16-0282	EA	7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.46	
04 05 19 16-0283	EA	9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.71	
04 05 19 26		**Masonry Reinforcing Bars** *(04 05 19)*		
		Note: Includes cutting and bending.		
04 05 19 26-0001		Plain Steel Masonry Reinforcement Bar *(04 05 19 26)*		
04 05 19 26-0002	LF	#3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	0.94	
04 05 19 26-0003	LF	#4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	1.55	
04 05 19 26-0004	LF	#5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	2.19	
04 05 19 26-0005	LF	#6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	2.86	
04 05 19 26-0006	LF	#3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	0.96	
04 05 19 26-0007	LF	#4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	1.57	
04 05 19 26-0008	LF	#5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	2.23	
04 05 19 26-0009	LF	#6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	2.91	
04 05 19 26-0010	LF	#3, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	0.98	
04 05 19 26-0011	LF	#4, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	1.61	
04 05 19 26-0012	LF	#5, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	2.29	
04 05 19 26-0013	LF	#6, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	3.00	
04 05 19 26-0014	LF	#3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	1.11	
04 05 19 26-0015	LF	#4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	1.82	
04 05 19 26-0016	LF	#5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	2.55	
04 05 19 26-0017	LF	#6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	3.30	
04 05 19 26-0018	LF	#3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	1.13	
04 05 19 26-0019	LF	#4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	1.84	
04 05 19 26-0020	LF	#5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	2.59	
04 05 19 26-0021	LF	#6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	3.35	
04 05 19 26-0022	LF	#3, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	1.15	
04 05 19 26-0023	LF	#4, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	1.88	
04 05 19 26-0024	LF	#5, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	2.65	
04 05 19 26-0025	LF	#6, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	3.44	
04 05 19 26-0026		Galvanized Steel Masonry Reinforcement Bar *(04 05 19 26)*		
04 05 19 26-0027	LF	#3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.09	
04 05 19 26-0028	LF	#4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.80	
04 05 19 26-0029	LF	#5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.58	
04 05 19 26-0030	LF	#6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.42	
04 05 19 26-0031	LF	#3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.10	
04 05 19 26-0032	LF	#4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.82	
04 05 19 26-0033	LF	#5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.62	
04 05 19 26-0034	LF	#6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.47	
04 05 19 26-0035	LF	#3, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.12	
04 05 19 26-0036	LF	#4, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.86	
04 05 19 26-0037	LF	#5, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.68	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 26-0038	LF	#6, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.56	
04 05 19 26-0039	LF	#3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.26	
04 05 19 26-0040	LF	#4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.07	
04 05 19 26-0041	LF	#5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.94	
04 05 19 26-0042	LF	#6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.86	
04 05 19 26-0043	LF	#3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.27	
04 05 19 26-0044	LF	#4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.09	
04 05 19 26-0045	LF	#5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.98	
04 05 19 26-0046	LF	#6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.91	
04 05 19 26-0047	LF	#3, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.29	
04 05 19 26-0048	LF	#4, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.13	
04 05 19 26-0049	LF	#5, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.04	
04 05 19 26-0050	LF	#6, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.00	
04 05 19 26-0051		Epoxy-Coated Masonry Reinforcement Bar *(04 05 19 26)*		
04 05 19 26-0052	LF	#3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.07	
04 05 19 26-0053	LF	#4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.77	
04 05 19 26-0054	LF	#5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.54	
04 05 19 26-0055	LF	#6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.36	
04 05 19 26-0056	LF	#3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.08	
04 05 19 26-0057	LF	#4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.80	
04 05 19 26-0058	LF	#5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.58	
04 05 19 26-0059	LF	#6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.41	
04 05 19 26-0060	LF	#3, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.10	
04 05 19 26-0061	LF	#4, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.83	
04 05 19 26-0062	LF	#5, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.64	
04 05 19 26-0063	LF	#6, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.50	
04 05 19 26-0064	LF	#3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.24	
04 05 19 26-0065	LF	#4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.04	
04 05 19 26-0066	LF	#5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.90	
04 05 19 26-0067	LF	#6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.80	
04 05 19 26-0068	LF	#3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.25	
04 05 19 26-0069	LF	#4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.07	
04 05 19 26-0070	LF	#5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.94	
04 05 19 26-0071	LF	#6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.85	
04 05 19 26-0072	LF	#3, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.27	
04 05 19 26-0073	LF	#4, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.10	
04 05 19 26-0074	LF	#5, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.00	
04 05 19 26-0075	LF	#6, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.94	
04 05 23		**Masonry Accessories** *(04 05)*		
04 05 23 13		**Masonry Control and Expansion Joints** *(04 05 23)*		
04 05 23 13-0001		Masonry Control Joints *(04 05 23 13)*		
04 05 23 13-0002		Rubber, Masonry Control Joints *(04 05 23 13-0001)*		
04 05 23 13-0003	LF	1-5/8" Width, T-Style, Rubber, Masonry Control Joint	6.98	0.90
04 05 23 13-0004	LF	2-5/8" Width, Rubber, Masonry Control Joint	6.76	0.90
04 05 23 13-0005	LF	6-7/8" Width, Rubber, Masonry Control Joint	14.88	0.90
04 05 23 13-0006		Polyvinyl Chloride (PVC), Masonry Control Joints *(04 05 23 13-0001)*		
04 05 23 13-0007	LF	1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint	3.91	0.90
04 05 23 13-0008	LF	2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	4.09	0.90
04 05 23 13-0009	LF	4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.18	0.90
04 05 23 13-0010	LF	6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.70	0.90
04 05 23 13-0011	LF	11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.31	0.90
04 05 23 16		**Masonry Embedded Flashing** *(04 05 23)*		
04 05 23 16-0001		Lead Coated Copper Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0002		Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*		
04 05 23 16-0003	SF	2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	8.95	1.62
04 05 23 16-0004	SF	3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.97	1.62
04 05 23 16-0005	SF	5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	12.78	1.62
04 05 23 16-0006	SF	7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	15.26	1.62
04 05 23 16-0007		Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*		
04 05 23 16-0008	SF	2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.94	1.62
04 05 23 16-0009	SF	3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.85	1.62
04 05 23 16-0010	SF	5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	14.10	1.62
04 05 23 16-0011	SF	7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	17.08	1.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 23 16-0012		Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*		
04 05 23 16-0013	SF	2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.18	1.62
04 05 23 16-0014	SF	3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.45	1.62
04 05 23 16-0015	SF	5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	12.27	1.62
04 05 23 16-0016	SF	7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	16.07	1.62
04 05 23 16-0017		Stainless Steel Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0018		Paper Backed 2 Sides, Stainless Steel Through Wall Flashing *(04 05 23 16-0017)*		
04 05 23 16-0019	SF	0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing	7.31	1.51
04 05 23 16-0020		Polyvinyl Chloride (PVC) Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0021	SF	0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.11	1.65
04 05 23 16-0022	SF	0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.45	1.65
04 05 23 16-0023	SF	0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.83	1.65
04 05 23 16-0024	SF	0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	6.11	1.65
04 05 23 16-0025		Copper Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0026		2 Sides Coated With Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0027	SF	2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	7.43	1.51
04 05 23 16-0028	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	8.18	1.51
04 05 23 16-0029	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	10.24	1.51
04 05 23 16-0030	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	12.06	1.51
04 05 23 16-0031	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	12.83	1.51
04 05 23 16-0032		2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0033	SF	2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	8.17	1.51
04 05 23 16-0034	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	8.83	1.51
04 05 23 16-0035	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	11.21	1.51
04 05 23 16-0036	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	13.39	1.51
04 05 23 16-0037	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	14.68	1.51
04 05 23 16-0038		1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0039	SF	2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	7.51	1.51
04 05 23 16-0040	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.27	1.51
04 05 23 16-0041	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	10.32	1.51
04 05 23 16-0042	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	12.13	1.51
04 05 23 16-0043	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	12.91	1.51
04 05 23 16-0044		2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0045	SF	2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	7.61	1.51
04 05 23 16-0046	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.52	1.51
04 05 23 16-0047	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.87	1.51
04 05 23 16-0048	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	12.65	1.51
04 05 23 16-0049	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.07	1.51
04 05 23 16-0050		2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0051	SF	3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	10.66	1.51
04 05 23 16-0052	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	13.41	1.51
04 05 23 16-0053		2 Sides Glass Fabric, Thru-Wall Copper Flashing *(04 05 23 16-0025)* Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.		
04 05 23 16-0054	SF	3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	9.07	1.51
04 05 23 16-0055	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	11.53	1.51
04 05 23 19		**Masonry Cavity Drainage, Weepholes, and Vents** *(04 05 23)*		
04 05 23 19-0001		Brick Vents, 4" Deep, With Insect Screen *(04 05 23 19)* Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame.		
04 05 23 19-0002	EA	8-1/8" x 2-3/8" Aluminum Brick Vent	74.65	
04 05 23 19-0003	EA	8-1/8" x 4-3/4" Aluminum Brick Vent	92.92	
04 05 23 19-0004	EA	8-1/8" x 7-3/4" Aluminum Brick Vent	117.88	
04 05 23 19-0005	EA	12" x 2-3/8" Aluminum Brick Vent	92.67	
04 05 23 19-0006	EA	12" x 4-3/4" Aluminum Brick Vent	114.92	
04 05 23 19-0007	EA	12" x 7-3/4" Aluminum Brick Vent	146.18	
04 05 23 19-0008	EA	16-1/2" x 2-3/8" Aluminum Brick Vent	110.42	
04 05 23 19-0009	EA	16-1/2" x 4-3/4" Aluminum Brick Vent	150.79	
04 05 23 19-0010	EA	16-1/2" x 7-3/4" Aluminum Brick Vent	185.49	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 23 19-0011	EA	24" x 2-3/8" Aluminum Brick Vent	152.42	
04 05 23 19-0012	EA	24" x 4-3/4" Aluminum Brick Vent	198.96	
04 05 23 19-0013	EA	24" x 7-3/4" Aluminum Brick Vent	246.12	

04 20 Unit Masonry *(04)*

Note: Includes finishing joints (pointing) and cleaning of new brick and mortar. Cutting of new bricks/blocks to size. Weep holes and wicking material.

04 21 Clay Unit Masonry *(04 20)*

04 21 13 Brick Masonry *(04 21)*

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors.

04 21 13 00-0001 Brick Masonry *(04 21 13)*

04 21 13 00-0002	SF	Standard Size Red Brick, Running Bond Note: Standard size brick, 3-5/8" x 2-1/4" x 8". (6.55 Bricks/SF)	24.18	
		For Buff Or Gray, Add	*1.01*	
		For Common Or American Bond, Add	*0.73*	
		For English Bond, Add	*1.45*	
		For Flemish Bond, Add	*3.02*	
		For Stacked Bond, Add	*2.12*	
		For <10, Small Area Replacements (Individual Areas), Add	*27.50*	
		For Curved Wall, Add	*3.63*	
		For Corbels, Add	*13.60*	
		For Severe Weather (SW) Brick, Add	*0.91*	
		For Glazed Brick, Add	*21.18*	
04 21 13 00-0003	SF	Engineer Standard Size Red Brick, Running Bond Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8". (5.39 Bricks/SF)	25.22	
		For Buff Or Gray, Add	*1.25*	
		For Common Or American Bond, Add	*0.71*	
		For English Bond, Add	*1.42*	
		For Flemish Bond, Add	*3.03*	
		For Stacked Bond, Add	*2.15*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.96*	
		For Curved Wall, Add	*3.54*	
		For Corbels, Add	*13.29*	
		For Severe Weather (SW) Brick, Add	*1.13*	
		For Glazed Brick, Add	*26.25*	
04 21 13 00-0004	SF	Modular Size Red Brick, Running Bond Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8". (6.75 Bricks/SF)	24.18	
		For Buff Or Gray, Add	*1.01*	
		For Common Or American Bond, Add	*0.73*	
		For English Bond, Add	*1.45*	
		For Flemish Bond, Add	*3.02*	
		For Stacked Bond, Add	*2.12*	
		For <10, Small Area Replacements (Individual Areas), Add	*27.50*	
		For Curved Wall, Add	*3.63*	
		For Corbels, Add	*13.60*	
		For Severe Weather (SW) Brick, Add	*0.91*	
		For Glazed Brick, Add	*21.18*	
04 21 13 00-0005	SF	Engineer Modular Size Red Brick, Running Bond Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8". (5.63 Bricks/SF)	25.22	
		For Buff Or Gray, Add	*1.25*	
		For Common Or American Bond, Add	*0.71*	
		For English Bond, Add	*1.42*	
		For Flemish Bond, Add	*3.03*	
		For Stacked Bond, Add	*2.15*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.96*	
		For Curved Wall, Add	*3.54*	
		For Corbels, Add	*13.29*	
		For Severe Weather (SW) Brick, Add	*1.13*	
		For Glazed Brick, Add	*26.25*	
04 21 13 00-0006	SF	Economy Size Red Brick, Running Bond Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8". (4.5 Bricks/SF)	25.02	
		For Buff Or Gray, Add	*1.22*	
		For Common Or American Bond, Add	*0.71*	
		For English Bond, Add	*1.42*	
		For Flemish Bond, Add	*3.02*	
		For Stacked Bond, Add	*2.14*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.95*	
		For Curved Wall, Add	*3.54*	
		For Corbels, Add	*13.29*	
		For Severe Weather (SW) Brick, Add	*1.10*	
		For Glazed Brick, Add	*25.55*	
04 21 13 00-0007	SF	Utility Size Red Brick, Running Bond Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8". (3.0 Bricks/SF)	18.63	
		For Buff Or Gray, Add	*1.04*	
		For Common Or American Bond, Add	*0.50*	
		For English Bond, Add	*0.99*	
		For Flemish Bond, Add	*2.17*	
		For Stacked Bond, Add	*1.55*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.88*	
		For Curved Wall, Add	*2.48*	
		For Corbels, Add	*9.29*	
		For Severe Weather (SW) Brick, Add	*0.94*	
		For Glazed Brick, Add	*21.88*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0008	SF	Double Utility Size Red Brick, Running Bond	16.76	
		Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF)		
		For Buff Or Gray, Add	*0.73*	
		For Common Or American Bond, Add	*0.50*	
		For English Bond, Add	*0.99*	
		For Flemish Bond, Add	*2.08*	
		For Stacked Bond, Add	*1.46*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.79*	
		For Curved Wall, Add	*2.48*	
		For Corbels, Add	*9.29*	
		For Severe Weather (SW) Brick, Add	*0.66*	
		For Glazed Brick, Add	*15.33*	
04 21 13 00-0009	SF	Norman Size Red Brick, Running Bond	25.59	
		Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF)		
		For Buff Or Gray, Add	*1.31*	
		For Common Or American Bond, Add	*0.71*	
		For English Bond, Add	*1.42*	
		For Flemish Bond, Add	*3.05*	
		For Stacked Bond, Add	*2.17*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.97*	
		For Curved Wall, Add	*3.54*	
		For Corbels, Add	*13.29*	
		For Severe Weather (SW) Brick, Add	*1.18*	
		For Glazed Brick, Add	*27.55*	
04 21 13 00-0010	SF	Roman Size Red Brick, Running Bond	27.25	
		Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8". (6.0 Bricks/SF)		
		For Buff Or Gray, Add	*1.59*	
		For Common Or American Bond, Add	*0.71*	
		For English Bond, Add	*1.42*	
		For Flemish Bond, Add	*3.13*	
		For Stacked Bond, Add	*2.25*	
		For <10, Small Area Replacements (Individual Areas), Add	*27.06*	
		For Curved Wall, Add	*3.54*	
		For Corbels, Add	*13.29*	
		For Severe Weather (SW) Brick, Add	*1.43*	
		For Glazed Brick, Add	*33.36*	

04 21 13 00-0011 Fire Brick *(04 21 13)*

04 21 13 00-0012	SF	Running Bond, Red Fire Brick	28.90	
		For Buff Or Gray, Add	*1.86*	
		For Common Or American Bond, Add	*0.71*	
		For English Bond, Add	*1.42*	
		For Flemish Bond, Add	*3.22*	
		For Stacked Bond, Add	*2.33*	
		For <10, Small Area Replacements (Individual Areas), Add	*27.14*	

04 21 13 00-0013 Window Sill *(04 21 13)*

04 21 13 00-0014	LF	Standard Size Red Brick, Window Sill	21.18	
		Note: Standard size brick, 3-5/8" x 2-1/4" x 8", placed on edge.		
		For Buff Or Gray, Add	*0.27*	
04 21 13 00-0015	LF	Engineer Standard Size Red Brick, Window Sill	21.37	
		Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8", placed on edge.		
		For Buff Or Gray, Add	*0.30*	
04 21 13 00-0016	LF	Modular Size Red Brick, Window Sill	21.18	
		Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8", placed on edge.		
		For Buff Or Gray, Add	*0.27*	
04 21 13 00-0017	LF	Engineer Modular Size Red Brick, Window Sill	21.49	
		Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8", placed on edge.		
		For Buff Or Gray, Add	*0.32*	
04 21 13 00-0018	LF	Economy Size Red Brick, Window Sill	22.32	
		Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8", placed on edge.		
		For Buff Or Gray, Add	*0.46*	
04 21 13 00-0019	LF	Utility Size Red Brick, Window Sill	22.49	
		Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8", placed on edge.		
		For Buff Or Gray, Add	*0.49*	
04 21 13 00-0020	LF	Double Utility Size Red Brick, Window Sill	22.49	
		Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8", placed on edge.		
		For Buff Or Gray, Add	*0.49*	
04 21 13 00-0021	LF	Norman Size Red Brick, Window Sill	21.60	
		Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8", placed on edge.		
		For Buff Or Gray, Add	*0.34*	
04 21 13 00-0022	LF	Roman Size Red Brick, Window Sill	21.69	
		Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8", placed on edge.		
		For Buff Or Gray, Add	*0.35*	

04 21 26 Glazed Structural Clay Tile Masonry *(04 21)*

Note: Includes tile and mortar in all colors.

04 21 26 00-0001 6T Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0002 Glazed On One Side 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*

04 21 26 00-0003	SF	2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	30.10	
		For Stacked Bond, Add	*1.94*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 26 00-0004	SF	4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	33.83	
		For Stacked Bond, Add	*1.94*	
04 21 26 00-0005	SF	6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	41.47	
		For Stacked Bond, Add	*2.03*	
04 21 26 00-0006		Special Shapes 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*		
04 21 26 00-0007	LF	Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile	31.40	
		For Stacked Bond, Add	*2.29*	
04 21 26 00-0008	LF	2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile	37.62	
		For Stacked Bond, Add	*2.29*	
04 21 26 00-0009		8W Series Structural Glazed Clay Tile *(04 21 26)*		
04 21 26 00-0010		Glazed On One Side 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*		
04 21 26 00-0011	SF	2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	23.75	
		For Stacked Bond, Add	*1.23*	
04 21 26 00-0012	SF	4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	29.65	
		For Stacked Bond, Add	*1.32*	
04 21 26 00-0013	SF	6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	41.13	
		For Stacked Bond, Add	*1.41*	
04 21 26 00-0014		Special Shapes 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*		
04 21 26 00-0015	LF	Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile	32.54	
		For Stacked Bond, Add	*1.59*	
04 21 26 00-0016	LF	2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile	32.48	
		For Stacked Bond, Add	*1.59*	
04 21 26 00-0017		4W Series Structural Glazed Clay Tile *(04 21 26)*		
04 21 26 00-0018		Glazed On One Side 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*		
04 21 26 00-0019	SF	2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	31.50	
		For Stacked Bond, Add	*1.94*	
04 21 26 00-0020	SF	4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	33.36	
		For Stacked Bond, Add	*1.94*	
04 21 26 00-0021	SF	6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	41.70	
		For Stacked Bond, Add	*2.03*	
04 21 26 00-0022		Special Shapes 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*		
04 21 26 00-0023	LF	Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile	32.54	
		For Stacked Bond, Add	*2.29*	
04 21 26 00-0024	LF	2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile	37.52	
		For Stacked Bond, Add	*2.29*	
04 21 26 00-0025		6T Series Sound Absorbing Structural Glazed Tile *(04 21 26)*		
04 21 26 00-0026	SF	4" Thick, 6T Sound Absorbing Structural Glazed Tile	32.57	
04 21 26 00-0027	SF	6" Thick, 6T Sound Absorbing Structural Glazed Tile	35.19	
04 21 26 00-0028	SF	8" Thick, 6T Sound Absorbing Structural Glazed Tile	41.08	
04 21 26 00-0029		8T Series Sound Absorbing Structural Glazed Tile *(04 21 26)*		
04 21 26 00-0030	SF	4" Thick, 8T Sound Absorbing Structural Glazed Tile	36.51	
04 21 26 00-0031	SF	6" Thick, 8T Sound Absorbing Structural Glazed Tile	41.28	
04 21 26 00-0032	SF	8" Thick, 8T Acoustical Glazed Tile	48.95	

04 22 Concrete Unit Masonry *(04 20)*

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.

04 22 23 Architectural Concrete Unit Masonry *(04 22)*

04 22 23 13 Exposed Aggregate Concrete Unit Masonry *(04 22 23)*

04 22 23 13-0001		Concrete Blocks *(04 22 23 13)*		
04 22 23 13-0002		Lightweight Concrete Blocks *(04 22 23 13-0001)*		
04 22 23 13-0003		Cored, Lightweight, Concrete Blocks *(04 22 23 13-0002)*		
04 22 23 13-0004	SF	4" x 8" x 16", Cored, Lightweight, Concrete Block	10.61	
		For Stacked Bond, Add	*2.44*	
		For Scored Block, Add	*0.25*	
		For Curved Wall Application, Add	*1.87*	
		For <10, Small Area Replacements (Individual Areas), Add	*14.15*	
04 22 23 13-0005	SF	6" x 8" x 16", Cored, Lightweight, Concrete Block	11.71	
		For Stacked Bond, Add	*2.64*	
		For Scored Block, Add	*0.31*	
		For Curved Wall Application, Add	*2.03*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.33*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0006	SF	8" x 8" x 16", Cored, Lightweight, Concrete Block	12.66	
		For Stacked Bond, Add	*2.83*	
		For Scored Block, Add	*0.35*	
		For Curved Wall Application, Add	*2.18*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.47*	
04 22 23 13-0007	SF	10" x 8" x 16", Cored, Lightweight, Concrete Block	13.75	
		For Stacked Bond, Add	*2.96*	
		For Scored Block, Add	*0.47*	
		For Curved Wall Application, Add	*2.28*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.26*	
04 22 23 13-0008	SF	12" x 8" x 16", Cored, Lightweight, Concrete Block	16.60	
		For Stacked Bond, Add	*3.66*	
		For Scored Block, Add	*0.51*	
		For Curved Wall Application, Add	*2.81*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.29*	
04 22 23 13-0009		Solid, Lightweight, Concrete Blocks *(04 22 23 13-0002)*		
04 22 23 13-0010	SF	4" x 8" x 16", Solid, Lightweight, Concrete Block	11.26	
		For Stacked Bond, Add	*2.50*	
		For Scored Block, Add	*0.33*	
		For Curved Wall Application, Add	*1.92*	
		For <10, Small Area Replacements (Individual Areas), Add	*14.54*	
04 22 23 13-0011	SF	6" x 8" x 16", Solid, Lightweight, Concrete Block	12.36	
		For Stacked Bond, Add	*2.75*	
		For Scored Block, Add	*0.36*	
		For Curved Wall Application, Add	*2.11*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.99*	
04 22 23 13-0012	SF	8" x 8" x 16", Solid, Lightweight, Concrete Block	13.07	
		For Stacked Bond, Add	*2.92*	
		For Scored Block, Add	*0.37*	
		For Curved Wall Application, Add	*2.24*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.97*	
04 22 23 13-0013	SF	10" x 8" x 16", Solid, Lightweight, Concrete Block	14.30	
		For Stacked Bond, Add	*3.06*	
		For Scored Block, Add	*0.51*	
		For Curved Wall Application, Add	*2.35*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.82*	
04 22 23 13-0014	SF	12" x 8" x 16", Solid, Lightweight, Concrete Block	17.27	
		For Stacked Bond, Add	*3.78*	
		For Scored Block, Add	*0.55*	
		For Curved Wall Application, Add	*2.91*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.01*	
04 22 23 13-0015		Normal Weight Concrete Blocks *(04 22 23 13-0001)*		
04 22 23 13-0016		Cored, Normal Weight, Concrete Blocks *(04 22 23 13-0015)*		
04 22 23 13-0017	SF	4" x 8" x 16", Cored, Normal Weight, Concrete Block	10.85	
		For Stacked Bond, Add	*2.50*	
		For Scored Block, Add	*0.25*	
		For Curved Wall Application, Add	*1.92*	
		For <10, Small Area Replacements (Individual Areas), Add	*14.51*	
		For 3,500 PSI, Add	*0.26*	
		For 5,000 PSI, Add	*0.45*	
04 22 23 13-0018	SF	6" x 8" x 16", Cored, Normal Weight, Concrete Block	11.98	
		For Stacked Bond, Add	*2.75*	
		For Scored Block, Add	*0.28*	
		For Curved Wall Application, Add	*2.11*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.96*	
		For 3,500 PSI, Add	*0.30*	
		For 5,000 PSI, Add	*0.51*	
04 22 23 13-0019	SF	8" x 8" x 16", Cored, Normal Weight, Concrete Block	12.85	
		For Stacked Bond, Add	*2.92*	
		For Scored Block, Add	*0.33*	
		For Curved Wall Application, Add	*2.24*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.95*	
		For 3,500 PSI, Add	*0.34*	
		For 5,000 PSI, Add	*0.59*	
04 22 23 13-0020	SF	10" x 8" x 16", Cored, Normal Weight, Concrete Block	14.89	
		For Stacked Bond, Add	*3.06*	
		For Scored Block, Add	*0.63*	
		For Curved Wall Application, Add	*2.35*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.86*	
		For 3,500 PSI, Add	*0.66*	
		For 5,000 PSI, Add	*1.13*	
04 22 23 13-0021	SF	12" x 8" x 16", Cored, Normal Weight, Concrete Block	17.78	
		For Stacked Bond, Add	*3.78*	
		For Scored Block, Add	*0.65*	
		For Curved Wall Application, Add	*2.91*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.05*	
		For 3,500 PSI, Add	*0.68*	
		For 5,000 PSI, Add	*1.17*	
04 22 23 13-0022		Solid, Normal Weight, Concrete Blocks *(04 22 23 13-0015)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0023	SF	4" x 8" x 16", Solid, Normal Weight, Concrete Block	11.44	
		For Stacked Bond, Add	*2.67*	
		For Scored Block, Add	*0.31*	
		For Curved Wall Application, Add	*1.97*	
		For <10, Small Area Replacements (Individual Areas), Add	*14.92*	
		For 3,500 PSI, Add	*0.33*	
		For 5,000 PSI, Add	*0.57*	
04 22 23 13-0024	SF	6" x 8" x 16", Solid, Normal Weight, Concrete Block	12.34	
		For Stacked Bond, Add	*2.83*	
		For Scored Block, Add	*0.29*	
		For Curved Wall Application, Add	*2.18*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.44*	
		For 3,500 PSI, Add	*0.30*	
		For 5,000 PSI, Add	*0.52*	
04 22 23 13-0025	SF	8" x 8" x 16", Solid, Normal Weight, Concrete Block	13.25	
		For Stacked Bond, Add	*3.01*	
		For Scored Block, Add	*0.34*	
		For Curved Wall Application, Add	*2.31*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.47*	
		For 3,500 PSI, Add	*0.35*	
		For 5,000 PSI, Add	*0.61*	
04 22 23 13-0026	SF	10" x 8" x 16", Solid, Normal Weight, Concrete Block	14.39	
		For Stacked Bond, Add	*3.15*	
		For Scored Block, Add	*0.45*	
		For Curved Wall Application, Add	*2.43*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.36*	
		For 3,500 PSI, Add	*0.47*	
		For 5,000 PSI, Add	*0.81*	
04 22 23 13-0027	SF	12" x 8" x 16", Solid, Normal Weight, Concrete Block	17.41	
		For Stacked Bond, Add	*3.91*	
		For Scored Block, Add	*0.47*	
		For Curved Wall Application, Add	*3.01*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.75*	
		For 3,500 PSI, Add	*0.50*	
		For 5,000 PSI, Add	*0.85*	

04 22 23 13-0028 Bond Beam Or Lintel Concrete Blocks *(04 22 23 13)*

04 22 23 13-0029 Lightweight, Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0028)*

Note: Excludes concrete fill and reinforcing.

04 22 23 13-0030	LF	6" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	12.08	
		For Stacked Bond, Add	*2.64*	
		For Grout And Fill With 2 #5 Rebar, Add	*7.01*	
		For Scored Block, Add	*0.39*	
		For Curved Wall Application, Add	*2.03*	
04 22 23 13-0031	LF	8" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	13.23	
		For Stacked Bond, Add	*2.83*	
		For Grout And Fill With 2 #5 Rebar, Add	*7.79*	
		For Scored Block, Add	*0.47*	
		For Curved Wall Application, Add	*2.18*	
04 22 23 13-0032	LF	12" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	16.56	
		For Stacked Bond, Add	*3.66*	
		For Grout And Fill With 2 #5 Rebar, Add	*9.53*	
		For Scored Block, Add	*0.50*	
		For Curved Wall Application, Add	*2.81*	

04 22 23 13-0033 Normal Weight, Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0028)*

Note: Excludes concrete fill and reinforcing.

04 22 23 13-0034	LF	6" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	12.23	
		For Stacked Bond, Add	*2.75*	
		For Grout And Fill With 2 #5 Rebar, Add	*6.95*	
		For Scored Block, Add	*0.33*	
		For Curved Wall Application, Add	*2.11*	
		For 3,500 PSI, Add	*0.35*	
		For 5,000 PSI, Add	*0.60*	
04 22 23 13-0035	LF	8" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	13.28	
		For Stacked Bond, Add	*2.92*	
		For Grout And Fill With 2 #5 Rebar, Add	*7.67*	
		For Scored Block, Add	*0.41*	
		For Curved Wall Application, Add	*2.24*	
		For 3,500 PSI, Add	*0.43*	
		For 5,000 PSI, Add	*0.74*	
04 22 23 13-0036	LF	12" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	16.75	
		For Stacked Bond, Add	*3.78*	
		For Grout And Fill With 2 #5 Rebar, Add	*9.48*	
		For Scored Block, Add	*0.44*	
		For Curved Wall Application, Add	*2.91*	
		For 3,500 PSI, Add	*0.46*	
		For 5,000 PSI, Add	*0.80*	

04 22 23 23 Prefaced Concrete Unit Masonry *(04 22 23)*

04 22 23 23-0001 Ground Face Concrete Blocks *(04 22 23 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 23-0002	SF	4" x 8" x 16", Ground Face, Concrete Block	13.73	
		For Stacked Bond, Add	*3.06*	
		For Scored Block, Add	*0.40*	
		For Curved Wall Application, Add	*2.35*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.77*	
04 22 23 23-0003	SF	6" x 8" x 16", Ground Face, Concrete Block	15.48	
		For Stacked Bond, Add	*3.44*	
		For Scored Block, Add	*0.45*	
		For Curved Wall Application, Add	*2.64*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.00*	
04 22 23 23-0004	SF	8" x 8" x 16", Ground Face, Concrete Block	16.63	
		For Stacked Bond, Add	*3.63*	
		For Scored Block, Add	*0.53*	
		For Curved Wall Application, Add	*2.79*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.14*	
04 22 23 23-0005	SF	10" x 8" x 16", Ground Face, Concrete Block	17.75	
		For Stacked Bond, Add	*3.85*	
		For Scored Block, Add	*0.59*	
		For Curved Wall Application, Add	*2.96*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.42*	
04 22 23 23-0006	SF	12" x 8" x 16", Ground Face, Concrete Block	21.39	
		For Stacked Bond, Add	*4.72*	
		For Scored Block, Add	*0.64*	
		For Curved Wall Application, Add	*3.63*	
		For <10, Small Area Replacements (Individual Areas), Add	*27.50*	

04 22 23 26 Sound-Absorbing Concrete Unit Masonry *(04 22 23)*

04 22 23 26-0001 Slotted, Acoustical Concrete Block *(04 22 23 26)*

04 22 23 26-0002	SF	4" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	17.23	
		For Stacked Bond, Add	*3.06*	
		For Curved Wall Application, Add	*2.35*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.04*	
04 22 23 26-0003	SF	6" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	19.18	
		For Stacked Bond, Add	*3.32*	
		For Curved Wall Application, Add	*2.55*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.62*	
04 22 23 26-0004	SF	8" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	21.88	
		For Stacked Bond, Add	*3.63*	
		For Curved Wall Application, Add	*2.79*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.53*	

04 22 23 29 Split-Face Concrete Unit Masonry *(04 22 23)*

04 22 23 29-0001 Split Face, Concrete Blocks *(04 22 23 29)*

04 22 23 29-0002 Plain Or Scored, Split Face, Concrete Blocks *(04 22 23 29-0001)*

04 22 23 29-0003	SF	4" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	13.97	
		For Stacked Bond, Add	*3.06*	
		For Curved Wall Application, Add	*2.35*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.79*	
04 22 23 29-0004	SF	6" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	15.75	
		For Stacked Bond, Add	*3.44*	
		For Curved Wall Application, Add	*2.64*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.02*	
04 22 23 29-0005	SF	8" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	16.95	
		For Stacked Bond, Add	*3.63*	
		For Curved Wall Application, Add	*2.79*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.16*	
04 22 23 29-0006	SF	10" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	18.12	
		For Stacked Bond, Add	*3.85*	
		For Curved Wall Application, Add	*2.96*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.45*	
04 22 23 29-0007	SF	12" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	21.61	
		For Stacked Bond, Add	*4.72*	
		For Curved Wall Application, Add	*3.63*	
		For <10, Small Area Replacements (Individual Areas), Add	*27.51*	

04 22 23 29-0008 Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Blocks *(04 22 23 29-0001)*

04 22 23 29-0009	SF	4" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	14.52	
		For Stacked Bond, Add	*3.06*	
		For Grout And Fill With 2 #5 Rebar, Add	*8.65*	
		For Curved Wall Application, Add	*2.35*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.83*	
04 22 23 29-0010	SF	6" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	16.39	
		For Stacked Bond, Add	*3.44*	
		For Grout And Fill With 2 #5 Rebar, Add	*9.78*	
		For Curved Wall Application, Add	*2.64*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.07*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 29-0011	SF	8" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block		17.69	
		For Stacked Bond, Add		*3.63*	
		For Grout And Fill With 2 #5 Rebar, Add		*10.71*	
		For Curved Wall Application, Add		*2.79*	
		For <10, Small Area Replacements (Individual Areas), Add		*21.22*	
04 22 23 29-0012	SF	10" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block		18.95	
		For Stacked Bond, Add		*3.85*	
		For Grout And Fill With 2 #5 Rebar, Add		*11.55*	
		For Curved Wall Application, Add		*2.96*	
		For <10, Small Area Replacements (Individual Areas), Add		*22.51*	
04 22 23 29-0013	SF	12" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block		22.47	
		For Stacked Bond, Add		*4.72*	
		For Grout And Fill With 2 #5 Rebar, Add		*13.39*	
		For Curved Wall Application, Add		*3.63*	
		For <10, Small Area Replacements (Individual Areas), Add		*27.58*	
04 22 23 29-0014		Split Rib, Concrete Block *(04 22 23 29)*			
04 22 23 29-0015		Split Rib, Concrete Block *(04 22 23 29-0014)*			
04 22 23 29-0016	SF	4" x 8" x 16", Split Rib, Concrete Block		13.79	
		For Stacked Bond, Add		*3.06*	
		For Curved Wall Application, Add		*2.35*	
		For <10, Small Area Replacements (Individual Areas), Add		*17.78*	
04 22 23 29-0017	SF	6" x 8" x 16", Split Rib, Concrete Block		16.17	
		For Stacked Bond, Add		*3.44*	
		For Curved Wall Application, Add		*2.64*	
		For <10, Small Area Replacements (Individual Areas), Add		*20.05*	
04 22 23 29-0018	SF	8" x 8" x 16", Split Rib, Concrete Block		17.16	
		For Stacked Bond, Add		*3.63*	
		For Curved Wall Application, Add		*2.79*	
		For <10, Small Area Replacements (Individual Areas), Add		*21.18*	
04 22 23 29-0019	SF	10" x 8" x 16", Split Rib, Concrete Block		18.30	
		For Stacked Bond, Add		*3.85*	
		For Curved Wall Application, Add		*2.96*	
		For <10, Small Area Replacements (Individual Areas), Add		*22.46*	
04 22 23 29-0020	SF	12" x 8" x 16", Split Rib, Concrete Block		22.00	
		For Stacked Bond, Add		*4.72*	
		For Curved Wall Application, Add		*3.63*	
		For <10, Small Area Replacements (Individual Areas), Add		*27.54*	
04 22 23 31		**Glazed Concrete Masonry Unit** *(04 22 23)*			
04 22 23 31-0001		One Glazed Face, Concrete Blocks *(04 22 23 31)*			
04 22 23 31-0002		One Glazed Face, Concrete Blocks *(04 22 23 31-0001)*			
04 22 23 31-0003	SF	4" x 8" x 16", One Glazed Face, Concrete Block		21.21	
		For Stacked Bond, Add		*2.96*	
		For Curved Wall Application, Add		*2.28*	
		For <10, Small Area Replacements (Individual Areas), Add		*17.82*	
04 22 23 31-0004	SF	6" x 8" x 16", One Glazed Face, Concrete Block		22.82	
		For Stacked Bond, Add		*3.26*	
		For Curved Wall Application, Add		*2.51*	
		For <10, Small Area Replacements (Individual Areas), Add		*19.58*	
04 22 23 31-0005	SF	8" x 8" x 16", One Glazed Face, Concrete Block		24.15	
		For Stacked Bond, Add		*3.44*	
		For Curved Wall Application, Add		*2.64*	
		For <10, Small Area Replacements (Individual Areas), Add		*20.65*	
04 22 23 31-0006	SF	10" x 8" x 16", One Glazed Face, Concrete Block		25.56	
		For Stacked Bond, Add		*3.63*	
		For Curved Wall Application, Add		*2.79*	
		For <10, Small Area Replacements (Individual Areas), Add		*21.81*	
04 22 23 31-0007	SF	12" x 8" x 16", One Glazed Face, Concrete Block		29.28	
		For Stacked Bond, Add		*4.45*	
		For Curved Wall Application, Add		*3.42*	
		For <10, Small Area Replacements (Individual Areas), Add		*26.58*	
04 22 23 31-0008		Two Glazed Faces, Concrete Blocks *(04 22 23 31)*			
04 22 23 31-0009		Two Glazed Faces, Concrete Blocks *(04 22 23 31-0008)*			
04 22 23 31-0010	SF	4" x 8" x 16", Two Glazed Faces, Concrete Block		27.57	
		For Stacked Bond, Add		*3.38*	
		For Curved Wall Application, Add		*2.60*	
		For <10, Small Area Replacements (Individual Areas), Add		*20.58*	
04 22 23 31-0011	SF	6" x 8" x 16", Two Glazed Faces, Concrete Block		29.02	
		For Stacked Bond, Add		*3.63*	
		For Curved Wall Application, Add		*2.79*	
		For <10, Small Area Replacements (Individual Areas), Add		*22.07*	
04 22 23 31-0012	SF	8" x 8" x 16", Two Glazed Faces, Concrete Block		31.13	
		For Stacked Bond, Add		*4.01*	
		For Curved Wall Application, Add		*3.08*	
		For <10, Small Area Replacements (Individual Areas), Add		*24.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 23 Glass Unit Masonry *(04 20)*

04 23 13 Vertical Glass Unit Masonry *(04 23)*

Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.

04 23 13 00-0001 Glass Block Unit Masonry *(04 23 13)*

04 23 13 00-0002	SF	6" x 6" x 4" Plain Glass Block	68.76	
		For Solar Reflective (Suntrol) Blocks, Add	*13.58*	
		For Essex (Horizontal Striated) Blocks, Add	*7.76*	
		For Sculptured Or Patterned Blocks, Add	*13.58*	
		For Colored Glass, Add	*38.81*	
		For Thinline Block, Deduct	*-9.70*	
		For >1,000 To 5,000, Deduct	*-4.92*	
		For >5,000, Deduct	*-8.35*	
04 23 13 00-0003	SF	8" x 8" x 4" Plain Glass Block	49.49	
		For Solar Reflective (Suntrol) Blocks, Add	*9.61*	
		For Essex (Horizontal Striated) Blocks, Add	*5.49*	
		For Sculptured Or Patterned Blocks, Add	*9.61*	
		For Colored Glass, Add	*27.47*	
		For Thinline Block, Deduct	*-6.87*	
		For >1,000 To 5,000, Deduct	*-3.56*	
		For >5,000, Deduct	*-6.03*	
04 23 13 00-0004	SF	12" x 12" x 4" Plain Glass Block	55.36	
		For Solar Reflective (Suntrol) Blocks, Add	*12.29*	
		For Essex (Horizontal Striated) Blocks, Add	*7.02*	
		For Sculptured Or Patterned Blocks, Add	*12.29*	
		For Colored Glass, Add	*35.10*	
		For Thinline Block, Deduct	*-8.78*	
		For >1,000 To 5,000, Deduct	*-3.77*	
		For >5,000, Deduct	*-6.53*	

04 23 13 00-0005 Solid Glass Block (Vistabrik®) *(04 23 13)*

04 23 13 00-0006	SF	3" x 8" x 3" Solid Glass Block (Vistabrik®)	679.40	
04 23 13 00-0007	SF	4" x 8" x 3" Solid Glass Block (Vistabrik®)	514.89	
04 23 13 00-0008	SF	6" x 8" x 3" Solid Glass Block (Vistabrik®)	352.36	
04 23 13 00-0009	SF	8" x 8" x 3" Solid Glass Block (Vistabrik®)	246.68	

04 40 Stone Assemblies *(04)*

Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.

04 41 Dry-Placed Stone *(04 40)*

04 41 00 00-0001 Ashlar Veneer, Random Size, Square Cut Rough Stone *(04 41)*

04 41 00 00-0002	SF	4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	23.85	6.95
04 41 00 00-0003	SF	6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	24.28	6.95

04 42 Exterior Stone Cladding *(04 40)*

04 42 43 Stone Panels for Curtain Walls *(04 42)*

04 42 43 00-0001 Marble Facing Panels *(04 42 43)*

Note: 3' x 1.5'

04 42 43 00-0002	SF	3/4" Thick Marble Facing Panels	75.53	16.11
04 42 43 00-0003	SF	7/8" Thick Marble Facing Panels	80.13	16.33
04 42 43 00-0004	SF	1-1/2" Thick Marble Facing Panels	93.56	16.63
04 42 43 00-0005	SF	2" Thick Marble Facing Panels	103.35	17.15
04 42 43 00-0006	SF	2-1/4" Thick Marble Facing Panels	110.18	18.19
04 42 43 00-0007	CF	Marble Face Panel	472.78	59.26

04 42 43 00-0008 Smooth Limestone Panels *(04 42 43)*

Note: Up to 12' x 5' panels.

04 42 43 00-0009	SF	1-1/2" Thick Smooth Limestone Panels	55.32	32.33
04 42 43 00-0010	SF	2" Thick Smooth Limestone Panels	58.64	33.89
04 42 43 00-0011	SF	3" Thick Smooth Limestone Panels	62.11	35.45
04 42 43 00-0012	SF	4" Thick Smooth Limestone Panels	71.80	38.99

04 42 43 00-0013 Sandstone Panels *(04 42 43)*

04 42 43 00-0014	SF	2-1/2" Thick Sandstone Panels	63.17	33.89
04 42 43 00-0015	SF	4" Thick Sandstone Panels	69.51	38.99
04 42 43 00-0016	SF	Split Face Sandstone Panels, Random Sizes	64.13	38.99

04 43 Stone Masonry *(04 40)*

04 43 16 Stone Fabrications *(04 43)*

04 43 16 00-0001 Marble *(04 43 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 43 16 00-0002		**Marble Base** *(04 43 16 00-0001)*		
		Note: 1" thick.		
04 43 16 00-0003	LF	4" High Marble Base	104.85	64.21
04 43 16 00-0004	LF	6" High Marble Base	119.84	69.94
04 43 16 00-0005		**Marble Columns** *(04 43 16 00-0001)*		
04 43 16 00-0006	CF	Plain Faced Solid Marble Columns	317.36	59.26
04 43 16 00-0007	CF	Fluted, Carved Solid Marble Columns	545.70	59.26
04 43 16 00-0008		**Marble Flooring** *(04 43 16 00-0001)*		
04 43 16 00-0009	SF	3/8" Uniform Color Marble Flooring	30.43	14.70
04 43 16 00-0010	SF	1/2" Uniform Color Marble Flooring	32.96	14.70
04 43 16 00-0011	SF	1/2" Travertine Marble Flooring	39.77	16.79
04 43 16 00-0012		**Marble Items** *(04 43 16 00-0001)*		
04 43 16 00-0013	LF	12" Wide Marble Stair Treads	85.48	23.08
04 43 16 00-0014	LF	6" Wide Marble Stair Risers	64.81	18.51
04 43 16 00-0015	LF	6" Wide x 2" Thick Marble Window Sills	38.07	13.75
04 43 16 00-0016	LF	5" Wide x 7/8" Thick Marble Window Stool, Polished	77.04	16.87
04 43 16 00-0017	SF	7/8" Thick, Non Skid, Marble Patio Blocks	40.10	21.31
04 43 16 00-0018		**Limestone** *(04 43 16)*		
04 43 16 00-0019		**Ashlar Veneer Limestone** *(04 43 16 00-0018)*		
04 43 16 00-0020	SF	4" Ashlar Veneer Limestone, Random Sizes	54.94	23.08
04 43 16 00-0021	SF	6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes	83.20	31.71
04 43 16 00-0022		**Limestone Coping** *(04 43 16 00-0018)*		
		Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.		
04 43 16 00-0023	SF	2-1/2" Thick Limestone Coping	26.99	8.32
04 43 16 00-0024	SF	3" Thick Limestone Coping	30.11	8.84
04 43 16 00-0025	SF	3-1/2" Thick Limestone Coping	33.22	9.36
04 43 16 00-0026	SF	4" Thick Limestone Coping	35.29	9.67
04 43 16 00-0027	SF	5" Thick Limestone Coping	40.48	9.87
04 43 16 00-0028	SF	6" Thick Limestone Coping	57.86	10.39
04 43 16 00-0029	CF	>6" Thick Limestone Coping	94.82	20.88
04 43 16 00-0030		**Limestone Stair Treads** *(04 43 16 00-0018)*		
04 43 16 00-0031	SF	2" Thick Limestone Treads	32.77	7.80
04 43 16 00-0032	SF	2-1/2" Thick Limestone Treads	34.80	8.32
04 43 16 00-0033	SF	3" Thick Limestone Treads	38.85	8.84
04 43 16 00-0034	SF	3-1/2" Thick Limestone Treads	41.86	9.36
04 43 16 00-0035	SF	4" Thick Limestone Treads	44.85	9.36
04 43 16 00-0036	SF	5" Thick Limestone Treads	48.79	9.87
04 43 16 00-0037	SF	6" Thick Limestone Tread, Smooth Finish	66.40	10.39
04 43 16 00-0038		**Limestone Items** *(04 43 16 00-0018)*		
04 43 16 00-0039	CF	Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim	168.54	78.29
04 43 16 00-0040		**Granite** *(04 43 16)*		
04 43 16 00-0041		**Polished Granite Veneer Facing Panels** *(04 43 16 00-0040)*		
		Note: Excludes structural support steel.		
04 43 16 00-0042	SF	7/8" Thick Black Polished Granite Veneer Facing Panels	93.71	32.54
04 43 16 00-0043	SF	7/8" Thick Gray Polished Granite Veneer Facing Panels	85.74	32.54
04 43 16 00-0044		**Granite Stair Treads** *(04 43 16 00-0040)*		
04 43 16 00-0045	SF	2" Thick Granite Stair Tread	54.66	7.80
04 43 16 00-0046		**Slate** *(04 43 16)*		
04 43 16 00-0047		**Slate Panels Or Sills** *(04 43 16 00-0046)*		
04 43 16 00-0048	SF	1" Thick Slate Panels	57.00	32.54
04 43 16 00-0049	SF	2" Thick Slate Panels	65.83	32.54
04 43 16 00-0050		**Slate Sills Or Stools** *(04 43 16 00-0046)*		
04 43 16 00-0051	LF	6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	25.66	13.83
04 43 16 00-0052	LF	10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	31.28	13.83
04 43 16 00-0053	LF	6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	30.49	13.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 43 16 00-0054	LF	10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	42.54	13.83
04 43 16 00-0055		Slate Stair Treads *(04 43 16 00-0046)*		
04 43 16 00-0056	SF	2" Thick Slate Stair Tread	38.24	7.80

04 50 Refractory Masonry *(04)*

04 51 Flue Liner Masonry *(04 50)*

Note: Includes mortar joints.

04 51 00 00-0001 Rectangular Flue Liners *(04 51)*

04 51 00 00-0002	VLF	4" x 8" Clay Flue Liners	18.60
04 51 00 00-0003	VLF	8" x 8" Clay Flue Liners	25.89
04 51 00 00-0004	VLF	8" x 12" Clay Flue Liners	29.45
04 51 00 00-0005	VLF	12" x 12" Clay Flue Liners	36.70
04 51 00 00-0006	VLF	12" x 16" Clay Flue Liners	45.07
04 51 00 00-0007	VLF	12" x 18" Clay Flue Liners	51.34
04 51 00 00-0008	VLF	16" x 16" Clay Flue Liners	55.91
04 51 00 00-0009	VLF	16" x 20" Clay Flue Liners	69.32
04 51 00 00-0010	VLF	18" x 18" Clay Flue Liners	74.09
04 51 00 00-0011	VLF	20" x 20" Clay Flue Liners	95.73
04 51 00 00-0012	VLF	20" x 24" Clay Flue Liners	104.32
04 51 00 00-0013	VLF	24" x 24" Clay Flue Liners	123.93

04 51 00 00-0014 Round Flue Liners *(04 51)*

04 51 00 00-0015	VLF	6" Diameter Clay Flue Liners	46.05
04 51 00 00-0016	VLF	8" Diameter Clay Flue Liners	67.59
04 51 00 00-0017	VLF	10" Diameter Clay Flue Liners	89.23
04 51 00 00-0018	VLF	12" Diameter Clay Flue Liners	108.88
04 51 00 00-0019	VLF	15" Diameter Clay Flue Liners	133.84
04 51 00 00-0020	VLF	18" Diameter Clay Flue Liners	144.70
04 51 00 00-0021	VLF	21" Diameter Clay Flue Liners	184.78
04 51 00 00-0022	VLF	24" Diameter Clay Flue Liners	227.05
04 51 00 00-0023	VLF	27" Diameter Clay Flue Liners	262.07
04 51 00 00-0024	VLF	30" Diameter Clay Flue Liners	298.14
04 51 00 00-0025	VLF	33" Diameter Clay Flue Liners	312.45
04 51 00 00-0026	VLF	36" Diameter Clay Flue Liners	318.79

04 51 00 00-0027 Standard Chimney Block *(04 51)*

Note: Includes refractory mortar. Excludes flue liners.

04 51 00 00-0028	EA	14" x 14" x 8" Concrete Block Chimney Unit	29.96
04 51 00 00-0029	EA	14" x 18" x 8" Concrete Block Chimney Unit	32.93
04 51 00 00-0030	EA	16" x 16" x 8" Concrete Block Chimney Unit	33.14
04 51 00 00-0031	EA	17" x 17" x 8" Concrete Block Chimney Unit	34.81
04 51 00 00-0032	EA	16" x 20" x 8" Concrete Block Chimney Unit	36.67
04 51 00 00-0033	EA	17" x 21" x 8" Concrete Block Chimney Unit	38.68
04 51 00 00-0034	EA	21" x 21" x 8" Concrete Block Chimney Unit	43.74

04 70 Manufactured Masonry *(04)*

04 72 Cast Stone Masonry *(04 70)*

04 72 00 00-0001 Precast Concrete Lintels *(04 72)*

04 72 00 00-0002 Solid Precast Concrete Lintels *(04 72 00 00-0001)*

04 72 00 00-0003	LF	4" x 8", Solid Precast Concrete Lintel	16.50
04 72 00 00-0004	LF	6" x 8", Solid Precast Concrete Lintel	21.22
04 72 00 00-0005	LF	8" x 8", Solid Precast Concrete Lintel	26.34

04 72 00 00-0006 U Shaped Precast Concrete Lintels *(04 72 00 00-0001)*

Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.

04 72 00 00-0007	LF	6" x 8", U Shaped Precast Concrete Lintel	17.70
04 72 00 00-0008	LF	8" x 8", U Shaped Precast Concrete Lintel	21.57
04 72 00 00-0009	LF	12" x 8", U Shaped Precast Concrete Lintel	35.99

04 72 00 00-0010 Precast Concrete Coping *(04 72)*

Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.

04 72 00 00-0011 Precast Concrete Coping *(04 72 00 00-0010)*

Note: Measured at highest point.

04 72 00 00-0012	SF	2" Thick Precast Concrete Coping	40.72	11.31
04 72 00 00-0013	SF	2-1/2" Thick Precast Concrete Coping	44.66	12.18
04 72 00 00-0014	SF	3" Thick Precast Concrete Coping	50.95	13.05
04 72 00 00-0015	SF	3-1/2" Thick Precast Concrete Coping	54.02	13.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 72 00 00-0016	SF	4" Thick Precast Concrete Coping	57.11	14.79
04 72 00 00-0017	SF	5" Thick Precast Concrete Coping	66.64	15.66
04 72 00 00-0018	SF	6" Thick Precast Concrete Coping	74.74	16.53

04 72 00 00-0019 Precast Concrete Window Sills *(04 72)*

Note: Includes caulk and ties.

04 72 00 00-0020 Precast Concrete Window Sills *(04 72 00 00-0019)*

04 72 00 00-0021	LF	6" Wide Precast Concrete Window Sill	29.19	8.70
04 72 00 00-0022	LF	10" Wide Precast Concrete Window Sill	40.90	8.70
04 72 00 00-0023	LF	14" Wide Precast Concrete Window Sill	47.06	8.70

END OF SECTION 04

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 Metals

05 05 Common Work Results for Metals *(05)*

05 05 19 Post-Installed Concrete Anchors *(05 05)*

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

05 05 19 00-0001 Concrete And Masonry Anchors *(05 05 19)*

05 05 19 00-0002 Expansion Anchors *(05 05 19 00-0001)*
Note: Includes drilling.

05 05 19 00-0003 Wedge Expansion Bolt Anchors *(05 05 19 00-0002)*

05 05 19 00-0004 Zinc Plated Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*
Note: Includes nut and washer.

05 05 19 00-0005	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		10.53	
		For >10 To 50, Deduct		*-0.50*	
		For >50 To 100, Deduct		*-1.01*	
		For >100, Deduct		*-2.02*	
05 05 19 00-0006	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		10.63	
		For >10 To 50, Deduct		*-0.50*	
		For >50 To 100, Deduct		*-1.01*	
		For >100, Deduct		*-2.02*	
05 05 19 00-0007	EA	1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		10.95	
		For >10 To 50, Deduct		*-0.51*	
		For >50 To 100, Deduct		*-1.04*	
		For >100, Deduct		*-2.08*	
05 05 19 00-0008	EA	3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		12.93	
		For >10 To 50, Deduct		*-0.60*	
		For >50 To 100, Deduct		*-1.23*	
		For >100, Deduct		*-2.46*	
05 05 19 00-0009	EA	3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		12.99	
		For >10 To 50, Deduct		*-0.60*	
		For >50 To 100, Deduct		*-1.23*	
		For >100, Deduct		*-2.46*	
05 05 19 00-0010	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		13.02	
		For >10 To 50, Deduct		*-0.60*	
		For >50 To 100, Deduct		*-1.23*	
		For >100, Deduct		*-2.46*	
05 05 19 00-0011	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		13.30	
		For >10 To 50, Deduct		*-0.60*	
		For >50 To 100, Deduct		*-1.24*	
		For >100, Deduct		*-2.48*	
05 05 19 00-0012	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		18.72	
		For >10 To 50, Deduct		*-0.86*	
		For >50 To 100, Deduct		*-1.76*	
		For >100, Deduct		*-3.51*	
05 05 19 00-0013	EA	1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		18.77	
		For >10 To 50, Deduct		*-0.86*	
		For >50 To 100, Deduct		*-1.76*	
		For >100, Deduct		*-3.51*	
05 05 19 00-0014	EA	1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		18.89	
		For >10 To 50, Deduct		*-0.86*	
		For >50 To 100, Deduct		*-1.76*	
		For >100, Deduct		*-3.52*	
05 05 19 00-0015	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		19.19	
		For >10 To 50, Deduct		*-0.86*	
		For >50 To 100, Deduct		*-1.77*	
		For >100, Deduct		*-3.54*	
05 05 19 00-0016	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		19.61	
		For >10 To 50, Deduct		*-0.86*	
		For >50 To 100, Deduct		*-1.78*	
		For >100, Deduct		*-3.56*	
05 05 19 00-0017	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		24.32	
		For >10 To 50, Deduct		*-1.06*	
		For >50 To 100, Deduct		*-2.20*	
		For >100, Deduct		*-4.40*	
05 05 19 00-0018	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		24.41	
		For >10 To 50, Deduct		*-1.06*	
		For >50 To 100, Deduct		*-2.20*	
		For >100, Deduct		*-4.40*	
05 05 19 00-0019	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		24.60	
		For >10 To 50, Deduct		*-1.06*	
		For >50 To 100, Deduct		*-2.21*	
		For >100, Deduct		*-4.41*	
05 05 19 00-0020	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		24.98	
		For >10 To 50, Deduct		*-1.06*	
		For >50 To 100, Deduct		*-2.21*	
		For >100, Deduct		*-4.43*	
05 05 19 00-0021	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt		25.35	
		For >10 To 50, Deduct		*-1.06*	
		For >50 To 100, Deduct		*-2.22*	
		For >100, Deduct		*-4.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0022	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.32	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.30*	
		For >100, Deduct	*-4.60*	
05 05 19 00-0023	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	30.87	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.36*	
		For >100, Deduct	*-4.72*	
05 05 19 00-0024	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.34	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.63*	
		For >100, Deduct	*-5.25*	
05 05 19 00-0025	EA	3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.42	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.63*	
		For >100, Deduct	*-5.25*	
05 05 19 00-0026	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.87	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.64*	
		For >100, Deduct	*-5.28*	
05 05 19 00-0027	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	30.42	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.65*	
		For >100, Deduct	*-5.30*	
05 05 19 00-0028	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	31.04	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.67*	
		For >100, Deduct	*-5.34*	
05 05 19 00-0029	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	33.43	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.73*	
		For >100, Deduct	*-5.46*	
05 05 19 00-0030	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	36.59	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.81*	
		For >100, Deduct	*-5.61*	
05 05 19 00-0031	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	40.16	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.90*	
		For >100, Deduct	*-5.79*	
05 05 19 00-0032	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	39.14	
		For >10 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-3.03*	
		For >100, Deduct	*-6.06*	
05 05 19 00-0033	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	41.01	
		For >10 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-3.08*	
		For >100, Deduct	*-6.15*	
05 05 19 00-0034	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	43.50	
		For >10 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-3.14*	
		For >100, Deduct	*-6.28*	
05 05 19 00-0035	EA	1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	48.51	
		For >10 To 50, Deduct	*-1.77*	
		For >50 To 100, Deduct	*-3.87*	
		For >100, Deduct	*-7.74*	
05 05 19 00-0036	EA	1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	52.05	
		For >10 To 50, Deduct	*-1.77*	
		For >50 To 100, Deduct	*-3.96*	
		For >100, Deduct	*-7.92*	
05 05 19 00-0037	EA	1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	55.55	
		For >10 To 50, Deduct	*-1.77*	
		For >50 To 100, Deduct	*-4.05*	
		For >100, Deduct	*-8.09*	
05 05 19 00-0038	EA	1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	63.17	
		For >10 To 50, Deduct	*-2.27*	
		For >50 To 100, Deduct	*-4.98*	
		For >100, Deduct	*-9.96*	
05 05 19 00-0039	EA	1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	65.69	
		For >10 To 50, Deduct	*-2.27*	
		For >50 To 100, Deduct	*-5.04*	
		For >100, Deduct	*-10.09*	

05 05 19 00-0040 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0041	EA	1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	12.33	
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.05*	
		For >100, Deduct	*-2.11*	
05 05 19 00-0042	EA	1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	12.89	
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.07*	
		For >100, Deduct	*-2.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0043	EA	1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	13.49	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.10*	
		For >100, Deduct	*-2.20*	
05 05 19 00-0044	EA	3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	16.10	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.31*	
		For >100, Deduct	*-2.62*	
05 05 19 00-0045	EA	3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	16.58	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.32*	
		For >100, Deduct	*-2.64*	
05 05 19 00-0046	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	16.93	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.33*	
		For >100, Deduct	*-2.66*	
05 05 19 00-0047	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	19.54	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.39*	
		For >100, Deduct	*-2.79*	
05 05 19 00-0048	EA	1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	25.62	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.93*	
		For >100, Deduct	*-3.86*	
05 05 19 00-0049	EA	1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	26.52	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.95*	
		For >100, Deduct	*-3.90*	
05 05 19 00-0050	EA	1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	27.04	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.96*	
		For >100, Deduct	*-3.93*	
05 05 19 00-0051	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	29.42	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.02*	
		For >100, Deduct	*-4.05*	
05 05 19 00-0052	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	32.99	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.23*	
05 05 19 00-0053	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	38.33	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.55*	
		For >100, Deduct	*-5.10*	
05 05 19 00-0054	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	40.65	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.61*	
		For >100, Deduct	*-5.21*	
05 05 19 00-0055	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	43.16	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.67*	
		For >100, Deduct	*-5.34*	
05 05 19 00-0056	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	46.51	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.75*	
		For >100, Deduct	*-5.51*	
05 05 19 00-0057	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	61.17	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-3.12*	
		For >100, Deduct	*-6.24*	
05 05 19 00-0058	EA	3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	45.78	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-3.04*	
		For >100, Deduct	*-6.07*	
05 05 19 00-0059	EA	3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	50.51	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-3.15*	
		For >100, Deduct	*-6.31*	
05 05 19 00-0060	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	54.54	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-3.26*	
		For >100, Deduct	*-6.51*	
05 05 19 00-0061	EA	3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	55.04	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-3.27*	
		For >100, Deduct	*-6.54*	
05 05 19 00-0062	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	58.82	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-3.36*	
		For >100, Deduct	*-6.72*	
05 05 19 00-0063	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	68.66	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-3.61*	
		For >100, Deduct	*-7.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0064	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	82.52	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-3.96*	
		For >100, Deduct	*-7.91*	
05 05 19 00-0065	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	82.08	
		For >10 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-4.10*	
		For >100, Deduct	*-8.21*	
05 05 19 00-0066	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	121.24	
		For >10 To 50, Deduct	*-1.77*	
		For >50 To 100, Deduct	*-5.69*	
		For >100, Deduct	*-11.38*	
05 05 19 00-0067	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	141.75	
		For >10 To 50, Deduct	*-1.77*	
		For >50 To 100, Deduct	*-6.20*	
		For >100, Deduct	*-12.40*	

05 05 19 00-0068 316 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0069	EA	1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	12.81	
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.07*	
		For >100, Deduct	*-2.13*	
05 05 19 00-0070	EA	1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	13.70	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.11*	
		For >100, Deduct	*-2.21*	
05 05 19 00-0071	EA	3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	17.66	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.35*	
		For >100, Deduct	*-2.69*	
05 05 19 00-0072	EA	3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	18.48	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.37*	
		For >100, Deduct	*-2.73*	
05 05 19 00-0073	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	18.69	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.37*	
		For >100, Deduct	*-2.75*	
05 05 19 00-0074	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	22.63	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.94*	
05 05 19 00-0075	EA	1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	29.38	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.02*	
		For >100, Deduct	*-4.04*	
05 05 19 00-0076	EA	1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	31.67	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.08*	
		For >100, Deduct	*-4.16*	
05 05 19 00-0077	EA	1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	35.81	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.18*	
		For >100, Deduct	*-4.37*	
05 05 19 00-0078	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	36.85	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.21*	
		For >100, Deduct	*-4.42*	
05 05 19 00-0079	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	51.04	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.87*	
		For >100, Deduct	*-5.73*	
05 05 19 00-0080	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	52.28	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.90*	
		For >100, Deduct	*-5.79*	
05 05 19 00-0081	EA	3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	63.56	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-3.48*	
		For >100, Deduct	*-6.96*	
05 05 19 00-0082	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	68.75	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-3.61*	
		For >100, Deduct	*-7.22*	

05 05 19 00-0083 Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0084	EA	1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	21.19	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.82*	
		For >100, Deduct	*-3.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0085	EA	1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	22.26	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.84*	
		For >100, Deduct	*-3.69*	
05 05 19 00-0086	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	23.32	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.87*	
		For >100, Deduct	*-3.74*	
05 05 19 00-0087	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	23.85	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.88*	
		For >100, Deduct	*-3.77*	
05 05 19 00-0088	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	28.83	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.31*	
		For >100, Deduct	*-4.62*	
05 05 19 00-0089	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	27.56	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.28*	
		For >100, Deduct	*-4.56*	
05 05 19 00-0090	EA	3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	37.10	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.82*	
		For >100, Deduct	*-5.64*	
05 05 19 00-0091	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	38.27	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.85*	
		For >100, Deduct	*-5.70*	
05 05 19 00-0092	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	44.01	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.99*	
		For >100, Deduct	*-5.99*	
05 05 19 00-0093	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	47.64	
		For >10 To 50, Deduct	*-1.77*	
		For >50 To 100, Deduct	*-3.85*	
		For >100, Deduct	*-7.70*	
05 05 19 00-0094	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	50.94	
		For >10 To 50, Deduct	*-1.77*	
		For >50 To 100, Deduct	*-3.93*	
		For >100, Deduct	*-7.86*	
05 05 19 00-0095	EA	1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	54.21	
		For >10 To 50, Deduct	*-1.77*	
		For >50 To 100, Deduct	*-4.01*	
		For >100, Deduct	*-8.02*	

05 05 19 00-0096 Concrete Sleeve Anchors *(05 05 19 00-0002)*

05 05 19 00-0097 Zinc Plated Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

05 05 19 00-0098	EA	1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.59	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.05*	
05 05 19 00-0099	EA	1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.73	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.06*	
05 05 19 00-0100	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.89	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.07*	
05 05 19 00-0101	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	11.17	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.08*	
		For >100, Deduct	*-2.16*	
05 05 19 00-0102	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	11.29	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.08*	
		For >100, Deduct	*-2.16*	
05 05 19 00-0103	EA	3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.64	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.44*	
05 05 19 00-0104	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.87	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.45*	
05 05 19 00-0105	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	13.08	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.46*	
05 05 19 00-0106	EA	1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	18.21	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.74*	
		For >100, Deduct	*-3.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0107	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	18.49	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.75*	
		For >100, Deduct	*-3.50*	
05 05 19 00-0108	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	18.74	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.75*	
		For >100, Deduct	*-3.51*	
05 05 19 00-0109	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	19.04	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.76*	
		For >100, Deduct	*-3.52*	
05 05 19 00-0110	EA	5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	22.83	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.16*	
		For >100, Deduct	*-4.32*	
05 05 19 00-0111	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	23.26	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.17*	
		For >100, Deduct	*-4.34*	
05 05 19 00-0112	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	23.59	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.18*	
		For >100, Deduct	*-4.36*	
05 05 19 00-0113	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	24.52	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.20*	
		For >100, Deduct	*-4.40*	
05 05 19 00-0114	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	27.95	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.59*	
		For >100, Deduct	*-5.18*	
05 05 19 00-0115	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	28.76	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.61*	
		For >100, Deduct	*-5.22*	
05 05 19 00-0116	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	29.48	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.63*	
		For >100, Deduct	*-5.26*	
05 05 19 00-0117	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	30.64	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.66*	
		For >100, Deduct	*-5.32*	

05 05 19 00-0118 304/18-8 Stainless Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

05 05 19 00-0119	EA	1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	13.13	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.09*	
		For >100, Deduct	*-2.18*	
05 05 19 00-0120	EA	3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	17.63	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.35*	
		For >100, Deduct	*-2.69*	
05 05 19 00-0121	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	19.84	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.80*	
05 05 19 00-0122	EA	1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	26.60	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.95*	
		For >100, Deduct	*-3.90*	
05 05 19 00-0123	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	30.57	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.05*	
		For >100, Deduct	*-4.10*	
05 05 19 00-0124	EA	5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	42.79	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.66*	
		For >100, Deduct	*-5.32*	

05 05 19 00-0125 Concrete Strike Anchors *(05 05 19 00-0002)*

Note: Includes nut and washer.

05 05 19 00-0126	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	11.25	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.04*	
		For >100, Deduct	*-2.09*	
05 05 19 00-0127	EA	1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	11.48	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.05*	
		For >100, Deduct	*-2.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0128	EA	5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	11.98	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.10*	
		For >100, Deduct	*-2.20*	
05 05 19 00-0129	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	12.92	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.25*	
05 05 19 00-0130	EA	3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	13.66	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.49*	
05 05 19 00-0131	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	14.37	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.26*	
		For >100, Deduct	*-2.53*	
05 05 19 00-0132	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	14.91	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.55*	
05 05 19 00-0133	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	19.96	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.79*	
		For >100, Deduct	*-3.57*	
05 05 19 00-0134	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	20.38	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.80*	
		For >100, Deduct	*-3.59*	
05 05 19 00-0135	EA	1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	21.62	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.83*	
		For >100, Deduct	*-3.65*	
05 05 19 00-0136	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	23.22	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.87*	
		For >100, Deduct	*-3.73*	
05 05 19 00-0137	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	26.55	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.25*	
		For >100, Deduct	*-4.51*	
05 05 19 00-0138	EA	5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	28.02	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.29*	
		For >100, Deduct	*-4.58*	
05 05 19 00-0139	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	29.33	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.32*	
		For >100, Deduct	*-4.65*	
05 05 19 00-0140	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	34.12	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.74*	
		For >100, Deduct	*-5.49*	
05 05 19 00-0141	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	35.51	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.78*	
		For >100, Deduct	*-5.56*	

05 05 19 00-0142 Multi-Set Drop-In Anchors *(05 05 19 00-0002)*

05 05 19 00-0143 Zinc Plated Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0144	EA	1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	14.72	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.86*	
05 05 19 00-0145	EA	3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	17.99	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.74*	
		For >100, Deduct	*-3.48*	
05 05 19 00-0146	EA	1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	21.95	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.07*	
		For >100, Deduct	*-4.14*	
05 05 19 00-0147	EA	5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	24.90	
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-2.30*	
		For >100, Deduct	*-4.59*	
05 05 19 00-0148	EA	3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	29.85	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.65*	
		For >100, Deduct	*-5.30*	

05 05 19 00-0149 304/18-8 Stainless Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0150	EA	1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	19.72	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.55*	
		For >100, Deduct	*-3.11*	
05 05 19 00-0151	EA	3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	27.22	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.97*	
		For >100, Deduct	*-3.94*	
05 05 19 00-0152	EA	1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	34.51	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.39*	
		For >100, Deduct	*-4.77*	
05 05 19 00-0153	EA	5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	45.09	
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-2.80*	
		For >100, Deduct	*-5.60*	
05 05 19 00-0154	EA	3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	64.55	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-3.52*	
		For >100, Deduct	*-7.03*	

05 05 19 00-0155 Single Bolt Expansion Anchors *(05 05 19 00-0002)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0156	EA	1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	10.79	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.06*	
05 05 19 00-0157	EA	5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	11.54	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.09*	
		For >100, Deduct	*-2.18*	
05 05 19 00-0158	EA	3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	13.04	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.46*	
05 05 19 00-0159	EA	1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	19.04	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.76*	
		For >100, Deduct	*-3.52*	
05 05 19 00-0160	EA	5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	26.36	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.25*	
		For >100, Deduct	*-4.50*	
05 05 19 00-0161	EA	3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	31.80	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.69*	
		For >100, Deduct	*-5.37*	

05 05 19 00-0162 Concrete Lag Shield Anchors *(05 05 19 00-0002)*

Note: Excludes lag bolt and washer.

05 05 19 00-0163	EA	1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	10.86	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.07*	
05 05 19 00-0164	EA	5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	12.92	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.46*	
05 05 19 00-0165	EA	3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	13.49	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.24*	
		For >100, Deduct	*-2.48*	
05 05 19 00-0166	EA	1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	19.03	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.76*	
		For >100, Deduct	*-3.52*	
05 05 19 00-0167	EA	5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	25.48	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.23*	
		For >100, Deduct	*-4.45*	
05 05 19 00-0168	EA	3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	28.61	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.61*	
		For >100, Deduct	*-5.21*	

05 05 19 00-0169 Chemical And Adhesive Anchors *(05 05 19 00-0001)*

05 05 19 00-0170 Chemically Adhered Anchor Rods *(05 05 19 00-0169)*

Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0171	EA	1/4" x 1-9/16" Long Chemically Adhered Anchor Rod	13.78	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.36*	
05 05 19 00-0172	EA	5/16" x 2-3/8" Long Chemically Adhered Anchor Rod	16.00	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.31*	
		For >100, Deduct	*-2.63*	
05 05 19 00-0173	EA	3/8" x 2-3/4" Long Chemically Adhered Anchor Rod	19.85	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.64*	
		For >100, Deduct	*-3.28*	
05 05 19 00-0174	EA	1/2" x 3-11/16" Long Chemically Adhered Anchor Rod	23.27	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.87*	
		For >100, Deduct	*-3.74*	
05 05 19 00-0175	EA	1/2" x 5-1/2" Long Chemically Adhered Anchor Rod	24.66	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.90*	
		For >100, Deduct	*-3.81*	
05 05 19 00-0176	EA	5/8" x 7" Long Chemically Adhered Anchor Rod	30.52	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.35*	
		For >100, Deduct	*-4.70*	
05 05 19 00-0177	EA	3/4" x 9-1/2" Long Chemically Adhered Anchor Rod	39.67	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.88*	
		For >100, Deduct	*-5.77*	
05 05 19 00-0178	EA	7/8" x 10" Long Chemically Adhered Anchor Rod	47.04	
		For >10 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-3.22*	
		For >100, Deduct	*-6.45*	
05 05 19 00-0179	EA	1" x 11-3/4" Long Chemically Adhered Anchor Rod	64.32	
		For >10 To 50, Deduct	*-1.77*	
		For >50 To 100, Deduct	*-4.26*	
		For >100, Deduct	*-8.53*	
05 05 19 00-0180	EA	1-1/4" x 14" Long Chemically Adhered Anchor Rod	92.40	
		For >10 To 50, Deduct	*-2.23*	
		For >50 To 100, Deduct	*-5.66*	
		For >100, Deduct	*-11.32*	

05 05 19 00-0181 Chemical Adhesives For Bolts, Dowels Or Threaded Rod *(05 05 19 00-0169)*

Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Excludes bolt, dowel or rod.

05 05 19 00-0182	EA	1/4" Chemical Adhesive For Bolt Or Threaded Rod	11.48	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.25*	
05 05 19 00-0183	EA	5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	12.59	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.46*	
05 05 19 00-0184	EA	3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	15.76	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.54*	
		For >100, Deduct	*-3.07*	
05 05 19 00-0185	EA	1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	17.91	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.73*	
		For >100, Deduct	*-3.47*	
05 05 19 00-0186	EA	5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	23.04	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.17*	
		For >100, Deduct	*-4.33*	
05 05 19 00-0187	EA	3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	28.46	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.60*	
		For >100, Deduct	*-5.21*	
05 05 19 00-0188	EA	7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	31.62	
		For >10 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-2.84*	
		For >100, Deduct	*-5.68*	
05 05 19 00-0189	EA	1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	41.91	
		For >10 To 50, Deduct	*-1.77*	
		For >50 To 100, Deduct	*-3.70*	
		For >100, Deduct	*-7.41*	
05 05 19 00-0190	EA	1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	48.02	
		For >10 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-4.20*	
		For >100, Deduct	*-8.41*	
05 05 19 00-0191	EA	1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	55.04	
		For >10 To 50, Deduct	*-2.23*	
		For >50 To 100, Deduct	*-4.73*	
		For >100, Deduct	*-9.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0192	EA	1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	59.65	
		For >10 To 50, Deduct	*-2.33*	
		For >50 To 100, Deduct	*-4.99*	
		For >100, Deduct	*-9.98*	
05 05 19 00-0193	EA	1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	66.02	
		For >10 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-5.30*	
		For >100, Deduct	*-10.61*	
05 05 19 00-0194	EA	1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	78.71	
		For >10 To 50, Deduct	*-2.64*	
		For >50 To 100, Deduct	*-5.93*	
		For >100, Deduct	*-11.85*	
05 05 19 00-0195	EA	2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	106.69	
		For >10 To 50, Deduct	*-2.74*	
		For >50 To 100, Deduct	*-6.78*	
		For >100, Deduct	*-13.55*	
05 05 19 00-0196		Grout Concrete Anchor Bolt Or Threaded Rod *(05 05 19 00-0169)*		
05 05 19 00-0197	EA	Grout Concrete Anchor Bolt or Threaded Rod	4.52	
		For >10 To 50, Deduct	*-0.22*	
		For >50 To 100, Deduct	*-0.44*	
		For >100, Deduct	*-0.88*	
05 05 19 00-0198		Other Concrete And Masonry Anchors *(05 05 19 00-0001)*		
05 05 19 00-0199		Tapcon Masonry Screws *(05 05 19 00-0198)*		
		Note: Includes drilling. Countersunk or hex head.		
05 05 19 00-0200	EA	3/16" x 1-1/4" Tapcon Masonry Screw	10.41	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.04*	
05 05 19 00-0201	EA	3/16" x 2-1/4" Tapcon Masonry Screw	10.48	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.05*	
05 05 19 00-0202	EA	3/16" x 3-1/4" Tapcon Masonry Screw	10.63	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.05*	
05 05 19 00-0203	EA	1/4" x 1-1/4" Tapcon Masonry Screw	10.49	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.05*	
05 05 19 00-0204	EA	1/4" x 2-1/4" Tapcon Masonry Screw	10.57	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.05*	
05 05 19 00-0205	EA	1/4" x 3-1/4" Tapcon Masonry Screw	10.75	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.06*	
05 05 19 00-0206		Large Diameter, Self-Threading Concrete Fasteners *(05 05 19 00-0198)*		
		Note: Includes drilling. Zinc plated.		
05 05 19 00-0207	EA	3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener	11.44	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.05*	
		For >100, Deduct	*-2.09*	
05 05 19 00-0208	EA	3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener	11.90	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.06*	
		For >100, Deduct	*-2.12*	
05 05 19 00-0209	EA	3/8" x 3", Large Diameter, Self-Threading Concrete Fastener	12.02	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.06*	
		For >100, Deduct	*-2.12*	
05 05 19 00-0210	EA	3/8" x 4", Large Diameter, Self-Threading Concrete Fastener	12.25	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.07*	
		For >100, Deduct	*-2.14*	
05 05 19 00-0211	EA	3/8" x 5", Large Diameter, Self-Threading Concrete Fastener	12.44	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.07*	
		For >100, Deduct	*-2.14*	
05 05 19 00-0212	EA	1/2" x 3", Large Diameter, Self-Threading Concrete Fastener	12.84	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.08*	
		For >100, Deduct	*-2.16*	
05 05 19 00-0213	EA	1/2" x 4", Large Diameter, Self-Threading Concrete Fastener	13.34	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.09*	
		For >100, Deduct	*-2.19*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0214	EA	1/2" x 5", Large Diameter, Self-Threading Concrete Fastener		13.79	
		For >10 To 50, Deduct		*-0.51*	
		For >50 To 100, Deduct		*-1.11*	
		For >100, Deduct		*-2.21*	
05 05 19 00-0215	EA	1/2" x 6", Large Diameter, Self-Threading Concrete Fastener		15.07	
		For >10 To 50, Deduct		*-0.51*	
		For >50 To 100, Deduct		*-1.14*	
		For >100, Deduct		*-2.28*	
05 05 19 00-0216	EA	5/8" x 3", Large Diameter, Self-Threading Concrete Fastener		15.23	
		For >10 To 50, Deduct		*-0.51*	
		For >50 To 100, Deduct		*-1.14*	
		For >100, Deduct		*-2.28*	
05 05 19 00-0217	EA	5/8" x 4", Large Diameter, Self-Threading Concrete Fastener		16.01	
		For >10 To 50, Deduct		*-0.51*	
		For >50 To 100, Deduct		*-1.16*	
		For >100, Deduct		*-2.32*	
05 05 19 00-0218	EA	5/8" x 5", Large Diameter, Self-Threading Concrete Fastener		16.81	
		For >10 To 50, Deduct		*-0.51*	
		For >50 To 100, Deduct		*-1.18*	
		For >100, Deduct		*-2.36*	
05 05 19 00-0219	EA	5/8" x 6", Large Diameter, Self-Threading Concrete Fastener		17.32	
		For >10 To 50, Deduct		*-0.51*	
		For >50 To 100, Deduct		*-1.19*	
		For >100, Deduct		*-2.39*	
05 05 19 00-0220	EA	3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener		17.09	
		For >10 To 50, Deduct		*-0.51*	
		For >50 To 100, Deduct		*-1.19*	
		For >100, Deduct		*-2.38*	
05 05 19 00-0221	EA	3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener		17.84	
		For >10 To 50, Deduct		*-0.51*	
		For >50 To 100, Deduct		*-1.21*	
		For >100, Deduct		*-2.41*	
05 05 19 00-0222	EA	3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener		19.58	
		For >10 To 50, Deduct		*-0.51*	
		For >50 To 100, Deduct		*-1.25*	
		For >100, Deduct		*-2.50*	

05 05 19 00-0223 Pin Bolt Drives *(05 05 19 00-0198)*

Note: Includes drilling. Zinc plated.

05 05 19 00-0224	EA	1/4" x 1" Pin Bolt Drive		6.49	
		For >10 To 50, Deduct		*-0.30*	
		For >50 To 100, Deduct		*-0.62*	
		For >100, Deduct		*-1.24*	
05 05 19 00-0225	EA	1/4" x 1-1/4" Pin Bolt Drive		6.49	
		For >10 To 50, Deduct		*-0.30*	
		For >50 To 100, Deduct		*-0.62*	
		For >100, Deduct		*-1.24*	
05 05 19 00-0226	EA	1/4" x 1-1/2" Pin Bolt Drive		6.54	
		For >10 To 50, Deduct		*-0.30*	
		For >50 To 100, Deduct		*-0.62*	
		For >100, Deduct		*-1.24*	
05 05 19 00-0227	EA	1/4" x 2" Pin Bolt Drive		6.55	
		For >10 To 50, Deduct		*-0.30*	
		For >50 To 100, Deduct		*-0.62*	
		For >100, Deduct		*-1.24*	

05 05 19 00-0228 Powder Actuated, Shot-In Place Anchors *(05 05 19 00-0198)*

05 05 19 00-0229	EA	0.15" Diameter x 1/2" Length, Stud Powder Actuated Anchor		1.62	
		For >10 To 50, Deduct		*-0.07*	
		For >50 To 100, Deduct		*-0.14*	
		For >100, Deduct		*-0.29*	
05 05 19 00-0230	EA	0.15" Diameter x 3/4" Length, Stud Powder Actuated Anchor		1.71	
		For >10 To 50, Deduct		*-0.07*	
		For >50 To 100, Deduct		*-0.15*	
		For >100, Deduct		*-0.30*	
05 05 19 00-0231	EA	0.15"/0.18" Diameter x 1" Length, Stud Powder Actuated Anchor		1.86	
		For >10 To 50, Deduct		*-0.08*	
		For >50 To 100, Deduct		*-0.16*	
		For >100, Deduct		*-0.32*	
05 05 19 00-0232	EA	0.15"/0.18" Diameter x 1-1/4" Length, Stud Powder Actuated Anchor		2.05	
		For >10 To 50, Deduct		*-0.08*	
		For >50 To 100, Deduct		*-0.17*	
		For >100, Deduct		*-0.35*	
05 05 19 00-0233	EA	0.15"/0.18" Diameter x 1-7/8" Length, Stud Powder Actuated Anchor		2.16	
		For >10 To 50, Deduct		*-0.08*	
		For >50 To 100, Deduct		*-0.18*	
		For >100, Deduct		*-0.35*	

05 05 19 00-0234 Powder Actuated, Shot-In Place Anchors With Exposed Thread *(05 05 19 00-0198)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0235	EA	0.145" Diameter x 1" Long Shank, 3/4" Thread Length, 1/4" - 20 Treaded Stud Powder Actuated Anchor	1.91	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.15*	
		For >100, Deduct	*-0.31*	
05 05 19 00-0236	EA	0.205" Diameter x 1-1/6" Long Shank, 1" Thread Length, 3/8" - 16 Treaded Stud Powder Actuated Anchor	2.58	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.19*	
		For >100, Deduct	*-0.39*	
05 05 19 00-0237		TITEN HD Screw Anchor *(05 05 19)*		
05 05 19 00-0238	EA	1/2" x 6" TITEN HD Screw Anchor With Stainless Steel Washer Note: Includes drilling 1/2" diameter holes to proper depth in the edge of the concrete, removal of dust from hole, and installing self-threading screw.	35.46	
05 05 21		**Fastening Methods for Metal** *(05 05)*		
05 05 21 00-0001		Welding *(05 05 21)*		
05 05 21 00-0002		Minimum Charge For Welding *(05 05 21 00-0001)*		
05 05 21 00-0003	EA	Welding Minimum Charge Note: For projects where the total welding charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	463.49	
05 05 21 00-0004		Spot Welding *(05 05 21 00-0001)*		
05 05 21 00-0005	EA	Up To 15 Spot Weldings, Welds Up To 1" Length Each	11.75	
		For Aluminum Welding, Add	*1.84*	
		For Stainless Steel Welding, Add	*3.04*	
05 05 21 00-0006	EA	>15 Spot Weldings, Welds Up To 1" Length Each	9.16	
		For Aluminum Welding, Add	*1.45*	
		For Stainless Steel Welding, Add	*2.39*	
05 05 21 00-0007		Field Welding (Seam And Stitch Welding) *(05 05 21 00-0001)*		
05 05 21 00-0008		Vertical Fillet Welds *(05 05 21 00-0007)* Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.		
05 05 21 00-0009	LF	1/8" Vertical Fillet Weld	7.52	
		For Aluminum Welding, Add	*1.52*	
		For Stainless Steel Welding, Add	*2.38*	
		For Up To 25, Add	*2.47*	
		For >25 To 50, Add	*1.75*	
05 05 21 00-0010	LF	3/16" Vertical Fillet Weld	14.54	
		For Aluminum Welding, Add	*2.67*	
		For Stainless Steel Welding, Add	*4.25*	
		For Up To 25, Add	*4.88*	
		For >25 To 50, Add	*3.47*	
05 05 21 00-0011	LF	1/4" Vertical Fillet Weld	21.83	
		For Aluminum Welding, Add	*4.02*	
		For Stainless Steel Welding, Add	*6.40*	
		For Up To 25, Add	*7.33*	
		For >25 To 50, Add	*5.21*	
05 05 21 00-0012	LF	5/16" Vertical Fillet Weld	28.80	
		For Aluminum Welding, Add	*5.33*	
		For Stainless Steel Welding, Add	*8.46*	
		For Up To 25, Add	*9.66*	
		For >25 To 50, Add	*6.86*	
05 05 21 00-0013	LF	3/8" Vertical Fillet Weld	36.37	
		For Aluminum Welding, Add	*6.70*	
		For Stainless Steel Welding, Add	*10.65*	
		For Up To 25, Add	*12.21*	
		For >25 To 50, Add	*8.68*	
05 05 21 00-0014	LF	7/16" Vertical Fillet Weld	42.27	
		For Aluminum Welding, Add	*7.32*	
		For Stainless Steel Welding, Add	*11.80*	
		For Up To 25, Add	*14.38*	
		For >25 To 50, Add	*10.24*	
05 05 21 00-0015	LF	1/2" Vertical Fillet Weld	49.75	
		For Aluminum Welding, Add	*9.20*	
		For Stainless Steel Welding, Add	*14.61*	
		For Up To 25, Add	*16.69*	
		For >25 To 50, Add	*11.86*	
05 05 21 00-0016	LF	9/16" Vertical Fillet Weld	58.11	
		For Aluminum Welding, Add	*10.27*	
		For Stainless Steel Welding, Add	*16.47*	
		For Up To 25, Add	*19.69*	
		For >25 To 50, Add	*14.01*	
05 05 21 00-0017	LF	5/8" Vertical Fillet Weld	67.39	
		For Aluminum Welding, Add	*11.95*	
		For Stainless Steel Welding, Add	*19.15*	
		For Up To 25, Add	*22.82*	
		For >25 To 50, Add	*16.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 21 00-0018	LF	3/4" Vertical Fillet Weld	91.02	
		For Aluminum Welding, Add	*16.82*	
		For Stainless Steel Welding, Add	*26.71*	
		For Up To 25, Add	*30.54*	
		For >25 To 50, Add	*21.70*	
05 05 21 00-0019	LF	7/8" Vertical Fillet Weld	134.50	
		For Aluminum Welding, Add	*23.70*	
		For Stainless Steel Welding, Add	*38.04*	
		For Up To 25, Add	*45.61*	
		For >25 To 50, Add	*32.45*	
05 05 21 00-0020	LF	1" Vertical Fillet Weld	181.35	
		For Aluminum Welding, Add	*33.11*	
		For Stainless Steel Welding, Add	*52.73*	
		For Up To 25, Add	*61.01*	
		For >25 To 50, Add	*43.37*	

05 05 21 00-0021 Horizontal Or Flat Fillet Welds *(05 05 21 00-0007)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 05 21 00-0022	LF	1/8" Horizontal Or Flat Fillet Weld	6.34	
		For Aluminum Welding, Add	*1.35*	
		For Stainless Steel Welding, Add	*2.08*	
		For Up To 25, Add	*2.05*	
		For >25 To 50, Add	*1.45*	
05 05 21 00-0023	LF	3/16" Horizontal Or Flat Fillet Weld	12.33	
		For Aluminum Welding, Add	*2.37*	
		For Stainless Steel Welding, Add	*3.73*	
		For Up To 25, Add	*4.10*	
		For >25 To 50, Add	*2.91*	
05 05 21 00-0024	LF	1/4" Horizontal Or Flat Fillet Weld	18.45	
		For Aluminum Welding, Add	*3.55*	
		For Stainless Steel Welding, Add	*5.59*	
		For Up To 25, Add	*6.13*	
		For >25 To 50, Add	*4.35*	
05 05 21 00-0025	LF	5/16" Horizontal Or Flat Fillet Weld	24.39	
		For Aluminum Welding, Add	*4.72*	
		For Stainless Steel Welding, Add	*7.43*	
		For Up To 25, Add	*8.09*	
		For >25 To 50, Add	*5.74*	
05 05 21 00-0026	LF	3/8" Horizontal Or Flat Fillet Weld	30.78	
		For Aluminum Welding, Add	*5.91*	
		For Stainless Steel Welding, Add	*9.32*	
		For Up To 25, Add	*10.23*	
		For >25 To 50, Add	*7.26*	
05 05 21 00-0027	LF	7/16" Horizontal Or Flat Fillet Weld	35.60	
		For Aluminum Welding, Add	*6.38*	
		For Stainless Steel Welding, Add	*10.20*	
		For Up To 25, Add	*12.03*	
		For >25 To 50, Add	*8.55*	
05 05 21 00-0028	LF	1/2" Horizontal Or Flat Fillet Weld	42.04	
		For Aluminum Welding, Add	*8.12*	
		For Stainless Steel Welding, Add	*12.78*	
		For Up To 25, Add	*13.96*	
		For >25 To 50, Add	*9.90*	
05 05 21 00-0029	LF	9/16" Horizontal Or Flat Fillet Weld	49.08	
		For Aluminum Welding, Add	*9.02*	
		For Stainless Steel Welding, Add	*14.35*	
		For Up To 25, Add	*16.49*	
		For >25 To 50, Add	*11.72*	
05 05 21 00-0030	LF	5/8" Horizontal Or Flat Fillet Weld	57.18	
		For Aluminum Welding, Add	*10.73*	
		For Stainless Steel Welding, Add	*16.99*	
		For Up To 25, Add	*19.12*	
		For >25 To 50, Add	*13.58*	
05 05 21 00-0031	LF	3/4" Horizontal Or Flat Fillet Weld	77.03	
		For Aluminum Welding, Add	*14.87*	
		For Stainless Steel Welding, Add	*23.41*	
		For Up To 25, Add	*25.58*	
		For >25 To 50, Add	*18.15*	
05 05 21 00-0032	LF	7/8" Horizontal Or Flat Fillet Weld	112.67	
		For Aluminum Welding, Add	*20.19*	
		For Stainless Steel Welding, Add	*32.29*	
		For Up To 25, Add	*38.06*	
		For >25 To 50, Add	*27.07*	
05 05 21 00-0033	LF	1" Horizontal Or Flat Fillet Weld	152.89	
		For Aluminum Welding, Add	*29.13*	
		For Stainless Steel Welding, Add	*45.97*	
		For Up To 25, Add	*50.93*	
		For >25 To 50, Add	*36.16*	

05 05 23 Metal Fastenings *(05 05)*

05 05 23 00-0001 Hex Bolts *(05 05 23)*

Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel,

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SAN BERNARDINO COUNTY

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		concrete, brick or block. See CSI section 02 41 19 13-0279 for drilling into concrete, 02 41 19 13-0289 for drilling into brick or block, 02 41 19 13-0299 for drilling into wood or plastic, 05 05 23 00-1567 for drilling through steel.		
05 05 23 00-0002		**A307B Heavy Hex Bolts** *(05 05 23 00-0001)*		
		Note: Includes A307B heavy hex nut and two structural washers.		
05 05 23 00-0003		**Plain Finish A307B Heavy Hex Bolts** *(05 05 23 00-0002)*		
05 05 23 00-0004	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt	12.95	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.15*	
		For >100, Deduct	*-2.29*	
05 05 23 00-0005	EA	1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt	14.11	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.35*	
05 05 23 00-0006	EA	5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	14.14	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.35*	
05 05 23 00-0007	EA	5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	16.76	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.71*	
05 05 23 00-0008	EA	3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	16.08	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.45*	
05 05 23 00-0009	EA	3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	19.17	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.42*	
		For >100, Deduct	*-2.83*	
05 05 23 00-0010	EA	3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	23.80	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-3.15*	
05 05 23 00-0011	EA	3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt	25.53	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.67*	
		For >100, Deduct	*-3.34*	
05 05 23 00-0012	EA	7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	19.07	1.42
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.37*	
		For >100, Deduct	*-2.74*	
05 05 23 00-0013	EA	7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	22.78	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.55*	
		For >100, Deduct	*-3.10*	
05 05 23 00-0014	EA	1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	26.56	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.70*	
		For >100, Deduct	*-3.39*	
05 05 23 00-0015	EA	1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	37.08	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-2.01*	
		For >100, Deduct	*-4.02*	
05 05 23 00-0016	EA	1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	43.32	1.96
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-2.31*	
		For >100, Deduct	*-4.61*	
05 05 23 00-0017	EA	1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	48.62	2.10
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.53*	
		For >100, Deduct	*-5.05*	
05 05 23 00-0018		**Galvanized A307B Heavy Hex Bolts** *(05 05 23 00-0002)*		
05 05 23 00-0019	EA	1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt	13.52	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.32*	
05 05 23 00-0020	EA	1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt	14.49	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.37*	
05 05 23 00-0021	EA	5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	15.54	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.21*	
		For >100, Deduct	*-2.42*	
05 05 23 00-0022	EA	5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	18.16	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.39*	
		For >100, Deduct	*-2.78*	
05 05 23 00-0023	EA	3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	17.67	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.26*	
		For >100, Deduct	*-2.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0024	EA	3/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	22.10	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.49*	
		For >100, Deduct	*-2.98*	
05 05 23 00-0025	EA	3/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	28.86	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.70*	
		For >100, Deduct	*-3.40*	
05 05 23 00-0026	EA	3/4" Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt	33.72	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.87*	
		For >100, Deduct	*-3.75*	
05 05 23 00-0027	EA	7/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	23.23	1.42
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.94*	
05 05 23 00-0028	EA	7/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	27.47	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.66*	
		For >100, Deduct	*-3.33*	
05 05 23 00-0029	EA	1" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	32.61	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.85*	
		For >100, Deduct	*-3.69*	
05 05 23 00-0030	EA	1" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	48.05	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-2.28*	
		For >100, Deduct	*-4.57*	
05 05 23 00-0031	EA	1-1/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	48.23	1.96
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-2.43*	
		For >100, Deduct	*-4.86*	
05 05 23 00-0032	EA	1-1/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	59.98	2.10
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.81*	
		For >100, Deduct	*-5.62*	

05 05 23 00-0033 A325 High Strength Structural Bolts *(05 05 23 00-0001)*

05 05 23 00-0034 Plain Finish A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0035	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt	12.68	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.14*	
		For >100, Deduct	*-2.28*	
05 05 23 00-0036	EA	1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	12.94	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.14*	
		For >100, Deduct	*-2.29*	
05 05 23 00-0037	EA	5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	13.76	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.17*	
		For >100, Deduct	*-2.33*	
05 05 23 00-0038	EA	5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	16.78	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.72*	
05 05 23 00-0039	EA	5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	19.28	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.92*	
05 05 23 00-0040	EA	3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	14.89	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.39*	
05 05 23 00-0041	EA	3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	17.99	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.39*	
		For >100, Deduct	*-2.77*	
05 05 23 00-0042	EA	3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	20.35	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.49*	
		For >100, Deduct	*-2.98*	
05 05 23 00-0043	EA	3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	24.80	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.65*	
		For >100, Deduct	*-3.30*	
05 05 23 00-0044	EA	7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	17.20	1.42
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.32*	
		For >100, Deduct	*-2.64*	
05 05 23 00-0045	EA	7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	20.79	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-3.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0046	EA	7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	23.62	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.62*	
		For >100, Deduct	*-3.24*	
05 05 23 00-0047	EA	7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	25.55	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.72*	
		For >100, Deduct	*-3.44*	
05 05 23 00-0048	EA	1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	18.93	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.80*	
05 05 23 00-0049	EA	1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	22.66	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.60*	
		For >100, Deduct	*-3.20*	
05 05 23 00-0050	EA	1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	26.09	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.74*	
		For >100, Deduct	*-3.47*	
05 05 23 00-0051	EA	1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	33.10	1.84
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.98*	
		For >100, Deduct	*-3.96*	
05 05 23 00-0052	EA	1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	31.68	1.84
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.95*	
		For >100, Deduct	*-3.89*	
05 05 23 00-0053	EA	1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	35.78	1.96
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-2.12*	
		For >100, Deduct	*-4.24*	
05 05 23 00-0054	EA	1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	41.84	2.10
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.36*	
		For >100, Deduct	*-4.71*	
05 05 23 00-0055	EA	1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	48.92	2.24
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-2.62*	
		For >100, Deduct	*-5.24*	

05 05 23 00-0056 Galvanized A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0057	EA	1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt	13.19	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.15*	
		For >100, Deduct	*-2.30*	
05 05 23 00-0058	EA	1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	13.37	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.31*	
05 05 23 00-0059	EA	5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	14.83	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.38*	
05 05 23 00-0060	EA	5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	17.55	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.38*	
		For >100, Deduct	*-2.75*	
05 05 23 00-0061	EA	5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	18.55	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.44*	
		For >100, Deduct	*-2.89*	
05 05 23 00-0062	EA	3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	15.38	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.21*	
		For >100, Deduct	*-2.41*	
05 05 23 00-0063	EA	3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	18.61	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.81*	
05 05 23 00-0064	EA	3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	21.33	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.03*	
05 05 23 00-0065	EA	3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	27.10	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.71*	
		For >100, Deduct	*-3.42*	
05 05 23 00-0066	EA	7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	20.17	1.42
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0067	EA	7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	22.55	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.54*	
		For >100, Deduct	*-3.08*	
05 05 23 00-0068	EA	7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	25.75	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.35*	
05 05 23 00-0069	EA	7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	31.93	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.88*	
		For >100, Deduct	*-3.76*	
05 05 23 00-0070	EA	1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	21.24	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.91*	
05 05 23 00-0071	EA	1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	27.96	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.73*	
		For >100, Deduct	*-3.46*	
05 05 23 00-0072	EA	1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	30.52	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.85*	
		For >100, Deduct	*-3.69*	
05 05 23 00-0073	EA	1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	38.57	1.84
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-2.12*	
		For >100, Deduct	*-4.24*	
05 05 23 00-0074	EA	1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	38.34	1.84
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.22*	
05 05 23 00-0075	EA	1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	40.88	1.96
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-2.25*	
		For >100, Deduct	*-4.49*	
05 05 23 00-0076	EA	1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	47.67	2.10
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-5.01*	
05 05 23 00-0077	EA	1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	55.01	2.24
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-2.77*	
		For >100, Deduct	*-5.55*	

05 05 23 00-0078 A490 High Strength Structural Bolts *(05 05 23 00-0001)*

Note: Includes A490 heavy hex nut and two structural washers.

05 05 23 00-0079 Plain Finish A490 High Strength Structural Bolts *(05 05 23 00-0078)*

05 05 23 00-0080	EA	5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	14.16	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.35*	
05 05 23 00-0081	EA	5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	19.55	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.85*	
05 05 23 00-0082	EA	5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	20.88	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-3.00*	
05 05 23 00-0083	EA	3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	15.73	1.31
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.21*	
		For >100, Deduct	*-2.43*	
05 05 23 00-0084	EA	3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	18.95	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.41*	
		For >100, Deduct	*-2.82*	
05 05 23 00-0085	EA	3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	21.89	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.53*	
		For >100, Deduct	*-3.06*	
05 05 23 00-0086	EA	3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	27.80	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.73*	
		For >100, Deduct	*-3.45*	
05 05 23 00-0087	EA	7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	18.17	1.42
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.35*	
		For >100, Deduct	*-2.69*	
05 05 23 00-0088	EA	7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	21.10	1.57
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0089	EA	7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	29.88	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.78*	
		For >100, Deduct	*-3.56*	
05 05 23 00-0090	EA	1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	21.19	1.48
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.91*	
05 05 23 00-0091	EA	1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	25.20	1.65
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.66*	
		For >100, Deduct	*-3.32*	
05 05 23 00-0092	EA	1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	28.82	1.73
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.80*	
		For >100, Deduct	*-3.61*	
05 05 23 00-0093	EA	1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt	35.71	1.84
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-2.05*	
		For >100, Deduct	*-4.09*	
05 05 23 00-0094	EA	1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	45.41	1.96
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-2.36*	
		For >100, Deduct	*-4.72*	
05 05 23 00-0095	EA	1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	47.83	2.10
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.51*	
		For >100, Deduct	*-5.01*	
05 05 23 00-0096	EA	1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	49.95	2.24
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-2.65*	
		For >100, Deduct	*-5.29*	

05 05 23 00-0097 Hex Head Bolts *(05 05 23 00-0001)*

05 05 23 00-0098 Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0099 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0100	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.42	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0101	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.44	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0102	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.51	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0103	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.54	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0104	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.76	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0105	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.79	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0106	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.88	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0107	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.07	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0108	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.11	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0109	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.26	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0110	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.55	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0111	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.67	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0112	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.83	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0113	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.35	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0114	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.59	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0115	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.65	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0116		5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0117	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.48	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0118	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.50	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0119	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.55	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0120	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.60	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0121	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.83	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0122	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.93	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0123	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.97	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0124	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.25	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0125	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.40	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0126	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.45	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0127	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.68	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0128	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.74	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0129	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.29	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0130	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.75	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0131	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.99	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0132	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.22	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0133		3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0134	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.54	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0135	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.57	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0136	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.64	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0137	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.71	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0138	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.96	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0139	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.09	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0140	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.21	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0141	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.52	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0142	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.69	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0143	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.78	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0144	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.13	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0145	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.23	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0146	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.29	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0147	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.52	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0148	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.62	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0149	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.77	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0150		7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0151	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.76	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0152	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.86	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0153	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.87	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0154	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.20	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0155	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.35	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0156	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.48	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0157	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.00	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0158	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.10	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0159	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.29	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0160	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.79	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0161	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.88	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0162	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.12	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0163	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.40	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0164	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.61	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0165	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.04	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0166		1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0167	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.67	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0168	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.80	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0169	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.92	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0170	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.24	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0171	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.37	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0172	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.50	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0173	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.85	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0174	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.00	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0175	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.27	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0176	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.49	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0177	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.52	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0178	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.74	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0179	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.13	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0180	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.26	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0181	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.65	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0182	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.02	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0183	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.16	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0184	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.70	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.85	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0186		9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0187	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.80	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0188	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.97	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0189	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.01	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0190	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.76	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0191	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.98	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0192	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.06	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0193	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.27	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0194	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.32	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0195	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.51	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0196	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.74	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0197	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.80	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0198	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.97	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0199	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.33	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0200	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.53	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0201	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.73	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0202	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.09	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0203	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.33	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0204	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.48	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0205	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.73	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0206		5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0207	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.09	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0208	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.20	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0209	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.35	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0210	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.73	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0211	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.96	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0212	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.23	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0213	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.76	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0214	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.19	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0215	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.52	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0216	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.83	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0217	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.88	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0218	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.44	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0219	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.94	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0220	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.38	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0221	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.90	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0222	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.65	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0223	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.16	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0224	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.68	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0225	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.08	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0226		3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0227	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.47	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0228	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.70	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0229	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.91	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0230	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.36	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0231	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.69	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0232	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.97	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0233	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.47	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0234	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.88	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0235	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.19	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0236	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.03	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0237	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.30	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0238	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.80	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0239	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.01	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0240	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.18	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0241	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.72	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0242	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.61	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0243	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.15	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0244	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.87	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0245	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.57	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	

05 05 23 00-0246 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0247	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.59	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0248	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.78	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0249	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.87	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0250	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.33	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0251	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.86	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0252	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.48	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0253	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.18	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0254	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.08	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0255	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.58	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0256	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.15	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0257	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.45	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0258	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.16	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0259	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.05	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0260	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.77	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0261	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.48	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0262	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.33	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0263	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.09	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0264	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.78	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0265	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.52	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	

05 05 23 00-0266 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0267	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.46	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0268	EA	1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.76	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0269	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.77	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0270	EA	1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.80	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0271	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.74	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0272	EA	1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.88	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0273	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.78	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0274	EA	1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.72	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0275	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.37	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0276	EA	1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.81	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0277	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.60	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0278	EA	1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.56	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0279	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.34	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0280	EA	1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.15	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0281	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.97	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0282	EA	1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	25.89	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0283	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	26.69	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0284	EA	1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	27.51	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	

05 05 23 00-0285 Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0286 1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0287	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.46	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0288	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.51	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0289	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.54	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0290	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.61	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0291	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.86	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0292	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.98	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0293	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.11	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0294	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.40	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0295	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.56	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0296	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.68	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0297	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.97	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0298	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0299	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.19	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0300	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.50	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0301	EA		1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.65	
			For >100 To 250, Deduct	*-1.41*	
			For >250 To 500, Deduct	*-1.76*	
			For >500, Deduct	*-2.12*	
05 05 23 00-0302	EA		1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.80	
			For >100 To 250, Deduct	*-1.41*	
			For >250 To 500, Deduct	*-1.76*	
			For >500, Deduct	*-2.12*	

05 05 23 00-0303 5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0304	EA		5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.54	
			For >100 To 250, Deduct	*-1.27*	
			For >250 To 500, Deduct	*-1.58*	
			For >500, Deduct	*-1.90*	
05 05 23 00-0305	EA		5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.57	
			For >100 To 250, Deduct	*-1.27*	
			For >250 To 500, Deduct	*-1.58*	
			For >500, Deduct	*-1.90*	
05 05 23 00-0306	EA		5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.62	
			For >100 To 250, Deduct	*-1.27*	
			For >250 To 500, Deduct	*-1.58*	
			For >500, Deduct	*-1.90*	
05 05 23 00-0307	EA		5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.72	
			For >100 To 250, Deduct	*-1.27*	
			For >250 To 500, Deduct	*-1.58*	
			For >500, Deduct	*-1.90*	
05 05 23 00-0308	EA		5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.97	
			For >100 To 250, Deduct	*-1.30*	
			For >250 To 500, Deduct	*-1.63*	
			For >500, Deduct	*-1.95*	
05 05 23 00-0309	EA		5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.08	
			For >100 To 250, Deduct	*-1.30*	
			For >250 To 500, Deduct	*-1.63*	
			For >500, Deduct	*-1.95*	
05 05 23 00-0310	EA		5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.29	
			For >100 To 250, Deduct	*-1.30*	
			For >250 To 500, Deduct	*-1.63*	
			For >500, Deduct	*-1.95*	
05 05 23 00-0311	EA		5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.57	
			For >100 To 250, Deduct	*-1.34*	
			For >250 To 500, Deduct	*-1.67*	
			For >500, Deduct	*-2.01*	
05 05 23 00-0312	EA		5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.74	
			For >100 To 250, Deduct	*-1.34*	
			For >250 To 500, Deduct	*-1.67*	
			For >500, Deduct	*-2.01*	
05 05 23 00-0313	EA		5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.89	
			For >100 To 250, Deduct	*-1.34*	
			For >250 To 500, Deduct	*-1.67*	
			For >500, Deduct	*-2.01*	
05 05 23 00-0314	EA		5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.37	
			For >100 To 250, Deduct	*-1.37*	
			For >250 To 500, Deduct	*-1.72*	
			For >500, Deduct	*-2.06*	
05 05 23 00-0315	EA		5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.42	
			For >100 To 250, Deduct	*-1.37*	
			For >250 To 500, Deduct	*-1.72*	
			For >500, Deduct	*-2.06*	
05 05 23 00-0316	EA		5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.62	
			For >100 To 250, Deduct	*-1.37*	
			For >250 To 500, Deduct	*-1.72*	
			For >500, Deduct	*-2.06*	
05 05 23 00-0317	EA		5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.07	
			For >100 To 250, Deduct	*-1.41*	
			For >250 To 500, Deduct	*-1.76*	
			For >500, Deduct	*-2.12*	
05 05 23 00-0318	EA		5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.34	
			For >100 To 250, Deduct	*-1.41*	
			For >250 To 500, Deduct	*-1.76*	
			For >500, Deduct	*-2.12*	
05 05 23 00-0319	EA		5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.61	
			For >100 To 250, Deduct	*-1.41*	
			For >250 To 500, Deduct	*-1.76*	
			For >500, Deduct	*-2.12*	

05 05 23 00-0320 3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0321	EA		3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.59	
			For >100 To 250, Deduct	*-1.27*	
			For >250 To 500, Deduct	*-1.58*	
			For >500, Deduct	*-1.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0322	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.61	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0323	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.71	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0324	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.80	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0325	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.09	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0326	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.21	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0327	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.39	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0328	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.76	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0329	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.19	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0330	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.38	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0331	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.81	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0332	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.99	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0333	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.31	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0334	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.73	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0335	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.15	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0336	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.49	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	

05 05 23 00-0337 7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0338	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.68	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0339	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.77	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0340	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.99	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0341	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.34	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0342	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.49	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0343	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.64	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0344	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.01	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0345	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.85	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0346	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.22	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0347	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.53	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0348	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.70	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0349	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.88	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0350	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.30	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0351	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.55	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0352	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.79	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0353		1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*		
05 05 23 00-0354	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.80	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0355	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.91	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0356	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.03	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0357	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.42	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0358	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.61	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0359	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.81	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0360	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.17	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0361	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.83	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0362	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.87	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0363	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.51	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0364	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.76	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0365	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.42	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0366	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.20	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0367	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.57	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0368	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.71	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0369	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.57	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0370	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.21	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0371	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.13	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0372	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.48	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0373		9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*		
05 05 23 00-0374	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.15	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0375	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.37	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0376	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.56	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0377	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.95	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0378	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.21	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0379	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.51	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0380	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.03	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0381	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.18	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0382	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.48	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0383	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.99	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0384	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.31	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0385	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.38	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0386	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.86	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0387	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.30	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0388	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.03	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0389	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.90	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0390	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.16	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0391	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.43	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0392	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.09	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	

05 05 23 00-0393 5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0394	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.29	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0395	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.36	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0396	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.42	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0397	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.81	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0398	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.16	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0399	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.48	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0400	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.98	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0401	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.60	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0402	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.93	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0403	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.28	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0404	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.81	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0405	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.65	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0406	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.59	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0407	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.28	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0408	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.39	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0409	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.82	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0410	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.76	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0411	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.13	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0412	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.60	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	

05 05 23 00-0413 3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0414	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.07	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0415	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.21	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0416	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.28	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0417	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.76	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0418	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.11	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0419	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.64	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0420	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.18	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0421	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.52	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0422	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.25	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0423	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.75	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0424	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.35	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0425	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.07	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0426	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.28	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0427	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.04	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0428	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.46	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0429	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.77	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0430	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.15	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0431	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.39	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0432	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.70	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	

05 05 23 00-0433 7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0434	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.96	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0435	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.13	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0436	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.36	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0437	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.79	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0438	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.49	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0439	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.95	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0440	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.48	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0441	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.31	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0442	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.94	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0443	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.42	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0444	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.94	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0445	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.17	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0446	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.14	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0447	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.12	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0448	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.18	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0449	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.78	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0450	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.73	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0451	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.55	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0452	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.37	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	

05 05 23 00-0453 1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0454	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.52	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0455	EA	1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.57	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0456	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.28	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0457	EA	1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.96	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0458	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.46	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0459	EA	1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.28	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0460	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.08	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0461	EA	1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.23	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0462	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.24	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0463	EA	1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.49	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0464	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.10	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0465	EA	1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.32	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0466	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.04	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0467	EA	1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.53	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0468	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	30.22	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0469	EA	1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	30.65	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0470	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	31.83	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0471	EA	1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	32.64	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0472		Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0097)*		
05 05 23 00-0473		1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*		
05 05 23 00-0474	EA	1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.49	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0475	EA	1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.57	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0476	EA	1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.61	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0477	EA	1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.70	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0478	EA	1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.93	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0479	EA	1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.03	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0480	EA	1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.12	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0481	EA	1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.31	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0482	EA	1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.58	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0483	EA	1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.83	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0484	EA	1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.13	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0485	EA	1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.27	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0486	EA	1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.44	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0487	EA	1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.74	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0488	EA	1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.07	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0489	EA	1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.22	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0490		5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0491	EA	5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.56	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0492	EA	5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.61	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0493	EA	5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.77	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0494	EA	5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.80	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0495	EA	5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.07	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0496	EA	5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.30	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0497	EA	5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.37	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0498	EA	5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.69	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0499	EA	5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.84	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0500	EA	5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.18	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0501	EA	5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.56	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0502	EA	5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.69	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0503	EA	5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.89	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0504	EA	5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.21	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0505	EA	5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.35	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0506	EA	5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.64	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0507		3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*		
05 05 23 00-0508	EA	3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.73	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0509	EA	3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.74	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0510	EA	3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.76	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0511	EA	3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.94	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0512	EA	3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.23	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0513	EA	3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.42	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0514	EA	3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.58	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0515	EA	3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.29	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0516	EA	3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.51	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0517	EA	3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.55	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0518	EA	3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.81	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0519	EA	3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.05	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0520	EA	3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.09	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0521	EA	3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.51	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0522	EA	3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.98	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0523	EA	3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.07	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	

05 05 23 00-0524 7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0525	EA	7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.80	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0526	EA	7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.83	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0527	EA	7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.13	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0528	EA	7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.33	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0529	EA	7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.66	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0530	EA	7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.84	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0531	EA	7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.06	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0532	EA	7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.79	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0533	EA	7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.36	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0534	EA	7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.93	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0535	EA	7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.14	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0536	EA	7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.43	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0537	EA	7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.06	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0538	EA	7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.02	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0539	EA	7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.10	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0540		1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*		
05 05 23 00-0541	EA	1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.00	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0542	EA	1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.21	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0543	EA	1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.34	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0544	EA	1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.66	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0545	EA	1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.90	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0546	EA	1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.43	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0547	EA	1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.98	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0548	EA	1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.29	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0549	EA	1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.51	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0550	EA	1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.08	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0551	EA	1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.75	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0552	EA	1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.37	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0553	EA	1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.08	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0554	EA	1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.35	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0555	EA	1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.12	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0556	EA	1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.57	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0557	EA	1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.12	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0558	EA	1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.41	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0559	EA	1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.78	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	

05 05 23 00-0560 9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0561	EA	9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.19	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0562	EA	9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.32	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0563	EA	9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.62	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0564	EA	9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.24	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0565	EA	9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.34	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0566	EA	9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.78	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0567	EA	9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.24	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0568	EA	9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.67	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0569	EA	9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.94	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0570	EA	9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.36	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0571	EA	9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.97	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0572	EA	9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.30	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0573	EA	9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.21	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0574	EA	9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.57	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0575	EA	9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.23	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	

05 05 23 00-0576 5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0577	EA	5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.56	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0578	EA	5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.69	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0579	EA	5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.02	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0580	EA	5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.68	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0581	EA	5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.07	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0582	EA	5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.28	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0583	EA	5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.61	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0584	EA	5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.31	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0585	EA	5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.62	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0586	EA	5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.13	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0587	EA	5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.46	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0588	EA	5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.15	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0589	EA	5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.96	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0590	EA	5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.75	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0591	EA	5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.08	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0592	EA	5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.65	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0593	EA	5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.19	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0594	EA	5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.30	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0595	EA	5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.74	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0596		3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*		
05 05 23 00-0597	EA	3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.30	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0598	EA	3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.43	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0599	EA	3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.53	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0600	EA	3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.91	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0601	EA	3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.20	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0602	EA	3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.04	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0603	EA	3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.57	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0604	EA	3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.64	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0605	EA	3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.78	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0606	EA	3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.37	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0607	EA	3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.97	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0608	EA	3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.08	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0609	EA	3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.62	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0610	EA	3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.21	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0611	EA	3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.52	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0612	EA	3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.17	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0613	EA	3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.25	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0614	EA	3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.02	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0615	EA	3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.31	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0616		7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*		
05 05 23 00-0617	EA	7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.21	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0618	EA	7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.58	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0619	EA	7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.32	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0620	EA	7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.42	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0621	EA	7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.55	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0622	EA	7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.96	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0623	EA	7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.63	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0624	EA	7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.31	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0625	EA	7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.07	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0626	EA	7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.07	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0627	EA	7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.64	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0628	EA	7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.68	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0629	EA	7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.34	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0630	EA	7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.41	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0631	EA	7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	30.45	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0632	EA	7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	30.76	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0633	EA	7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	31.02	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0634	EA	7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	31.66	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	

05 05 23 00-0635 1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0636	EA	1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.26	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0637	EA	1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.19	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0638	EA	1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.78	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0639	EA	1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.47	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0640	EA	1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.77	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0641	EA	1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.29	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0642	EA	1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.40	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0643	EA	1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.89	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0644	EA	1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.77	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0645	EA	1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.39	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0646	EA	1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.50	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0647	EA	1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.16	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0648	EA	1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.68	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0649	EA	1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	30.28	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0650	EA	1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	32.33	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0651	EA	1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	33.35	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0652	EA	1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	36.03	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0653	EA	1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	37.66	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	

05 05 23 00-0654 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0655 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0656	EA	1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.60	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0657	EA	1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.61	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0658	EA	1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.63	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0659	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.81	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0660	EA	1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.09	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0661	EA	1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.20	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0662	EA	1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.25	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0663	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.44	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0664	EA	1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.57	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0665	EA	1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.61	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0666	EA	1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.88	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0667	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.00	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0668	EA	1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.04	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0669	EA	1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.32	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0670	EA	1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.64	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0671	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.05	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	

05 05 23 00-0672 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0673	EA	5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.51	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0674	EA	5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.88	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0675	EA	5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.91	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0676	EA	5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.92	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0677	EA	5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.27	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0678	EA	5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.61	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0679	EA	5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.68	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0680	EA	5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.95	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0681	EA	5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.99	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0682	EA	5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.26	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0683	EA	5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.52	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0684	EA	5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.62	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0685	EA	5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.89	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0686	EA	5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.60	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0687	EA	5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.02	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0688	EA	5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.42	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	

05 05 23 00-0689 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0690	EA	3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.62	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0691	EA	3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.71	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0692	EA	3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.80	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0693	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.02	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0694	EA	3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.30	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0695	EA	3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.48	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0696	EA	3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.61	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0697	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.97	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0698	EA	3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.07	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0699	EA	3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.29	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0700	EA	3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.57	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0701	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.88	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0702	EA	3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.93	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0703	EA	3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.13	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0704	EA	3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.16	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0705	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.52	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0706		7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*		
05 05 23 00-0707	EA	7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.07	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0708	EA	7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.47	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0709	EA	7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.78	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0710	EA	7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.48	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0711	EA	7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.50	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0712	EA	7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.53	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0713	EA	7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.97	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0714	EA	7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.25	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0715	EA	7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.51	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0716	EA	7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.99	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0717	EA	7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.28	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0718		1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*		
05 05 23 00-0719	EA	1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.90	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0720	EA	1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.03	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0721	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.29	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0722	EA	1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.77	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0723	EA	1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.97	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0724	EA	1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.34	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0725	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.59	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0726	EA	1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.72	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0727	EA	1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.02	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0728	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.35	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0729	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.68	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0730	EA	1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.71	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0731	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.95	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0732	EA	1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.04	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0733	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.29	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0734	EA	1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.66	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0735	EA	1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.86	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0736	EA	1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.91	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0737	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.02	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0738		5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*		
05 05 23 00-0739	EA	5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.28	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0740	EA	5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.48	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0741	EA	5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.62	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0742	EA	5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.02	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0743	EA	5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.32	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0744	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.97	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0745	EA	5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.26	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0746	EA	5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.38	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0747	EA	5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.58	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0748	EA	5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.02	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0749	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.26	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0750	EA	5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.94	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0751	EA	5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.16	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0752	EA	5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.35	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0753	EA	5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.70	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0754	EA	5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.38	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0755	EA	5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.94	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0756	EA	5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.23	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0757	EA	5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.32	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	

05 05 23 00-0758 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0759	EA	3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.24	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0760	EA	3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.28	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0761	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.53	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0762	EA	3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.26	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0763	EA	3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.18	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0764	EA	3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.78	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0765	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.28	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0766	EA	3/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.33	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0767	EA	3/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.46	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0768	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.72	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0769	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.51	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0770	EA	3/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.84	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0771	EA	3/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.65	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0772	EA	3/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.76	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0773	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.08	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0774	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.74	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0775	EA	3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.08	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0776	EA	3/4" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.27	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0777	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.36	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	

05 05 23 00-0778 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0779	EA	7/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.06	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0780	EA	7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.45	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0781	EA	7/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.85	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0782	EA	7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.83	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0783	EA	7/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.13	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0784	EA	7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.69	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0785	EA	7/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.11	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0786	EA	7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.64	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0787	EA	7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.19	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0788	EA	7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.60	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0789	EA	7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.88	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0790	EA	7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.52	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0791	EA	7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	23.29	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0792	EA	7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	23.47	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0793	EA	7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	23.86	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0794	EA	7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	24.28	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0795	EA	7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	24.81	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0796	EA	7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	25.31	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	

05 05 23 00-0797 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0798	EA	1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.73	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0799	EA	1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.04	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0800	EA	1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.75	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0801	EA	1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.31	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0802	EA	1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.77	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0803	EA	1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.06	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0804	EA	1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.89	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0805	EA	1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.15	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0806	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.46	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0807	EA	1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	23.28	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0808	EA	1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	23.99	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0809	EA	1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	25.16	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0810	EA	1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	26.33	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0811	EA	1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	26.86	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0812	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	27.81	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0813	EA	1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	28.53	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0814	EA	1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	29.59	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	

05 05 23 00-0815 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0816 1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0817	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.68	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0818	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.82	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0819	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.00	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0820	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.18	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0821	EA	1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.55	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0822	EA	1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.83	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0823	EA	1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.16	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0824	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.58	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0825	EA	1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.99	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0826	EA	1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.36	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0827	EA	1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.85	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0828	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.46	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0829	EA	1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.81	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0830	EA	1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.58	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0831	EA	1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.93	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0832	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.76	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0833		5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*		
05 05 23 00-0834	EA	5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.94	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0835	EA	5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.06	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0836	EA	5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.33	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0837	EA	5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.54	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0838	EA	5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.11	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0839	EA	5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.24	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0840	EA	5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.93	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0841	EA	5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.59	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0842	EA	5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.36	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0843	EA	5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.74	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0844	EA	5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.09	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0845	EA	5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.01	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0846	EA	5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.39	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0847	EA	5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.65	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0848		3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*		
05 05 23 00-0849	EA	3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.27	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0850	EA	3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.43	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0851	EA	3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.84	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0852	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.37	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0853	EA	3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.81	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0854	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.24	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0855	EA	3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.79	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0856	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.47	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0857	EA	3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.13	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0858	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.57	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0859	EA	3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.92	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0860	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.11	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0861	EA	3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.64	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0862	EA	3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.42	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0863	EA	3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.78	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-0864	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.32	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	

05 05 23 00-0865 7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0866	EA	7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.51	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0867	EA	7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.69	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0868	EA	7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.36	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0869	EA	7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.94	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0870	EA	7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.75	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0871	EA	7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.09	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0872	EA	7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.89	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0873	EA	7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.46	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0874	EA	7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.15	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0875	EA	7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.49	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0876	EA	7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.89	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0877	EA	7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.22	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0878	EA	7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.69	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	

05 05 23 00-0879 1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0880	EA	1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.50	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0881	EA	1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.69	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0882	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.74	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0883	EA	1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.35	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0884	EA	1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.31	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0885	EA	1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.82	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0886	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.64	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0887	EA	1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.10	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0888	EA	1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.61	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0889	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.50	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0890	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.63	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0891	EA	1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.91	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0892	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.00	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0893	EA	1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.76	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0894	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.97	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-0895	EA	1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.07	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0896	EA	1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.55	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0897	EA	1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.89	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0898	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	37.21	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	

05 05 23 00-0899 9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0900	EA	9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.03	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0901	EA	9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.21	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0902	EA	9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.05	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-0903	EA	9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.00	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0904	EA	9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.37	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0905	EA	9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.75	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-0906	EA	9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.42	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0907	EA	9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.96	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0908	EA	9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.99	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0909	EA	9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	37.54	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0910	EA	9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.23	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	

05 05 23 00-0911 5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0912	EA	5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.27	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0913	EA	5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.77	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0914	EA	5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.86	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0915	EA	5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.39	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0916	EA	5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.38	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0917	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.80	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0918	EA	5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.77	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0919	EA	5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.79	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0920	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.38	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0921	EA	5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.47	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0922	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.91	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0923	EA	5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.17	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0924	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.23	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0925	EA	5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.61	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0926	EA	5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.68	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0927	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.26	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0928	EA	5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	41.66	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0929	EA	5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	47.92	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0930	EA	5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	50.49	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	

05 05 23 00-0931 3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0932	EA	3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.55	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0933	EA	3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.53	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0934	EA	3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.82	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0935	EA	3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.40	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0936	EA	3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.82	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0937	EA	3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.22	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-0938	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.82	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0939	EA	3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.05	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0940	EA	3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.83	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-0941	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.86	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0942	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.93	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0943	EA	3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.83	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-0944	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	46.36	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0945	EA	3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	49.66	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0946	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	56.73	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-0947	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	57.23	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0948	EA	3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	58.35	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0949	EA	3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	61.36	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0950	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	63.68	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	

05 05 23 00-0951 7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0952	EA	7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.60	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0953	EA	7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.04	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0954	EA	7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.09	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0955	EA	7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.56	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0956	EA	7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.37	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0957	EA	7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.59	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0958	EA	7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.37	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0959	EA	7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	37.77	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0960	EA	7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.75	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0961	EA	7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.83	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0962	EA	7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	52.25	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0963	EA	7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	56.81	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0964	EA	7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	61.94	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0965	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	66.06	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0966	EA	7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	78.78	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0967	EA	7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	88.82	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0968	EA	7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	93.47	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0969	EA	7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	98.10	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	

05 05 23 00-0970 1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0971	EA	1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.51	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0972	EA	1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.30	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-0973	EA	1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.14	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0974	EA	1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.38	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-0975	EA	1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.07	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0976	EA	1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	42.40	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0977	EA	1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	44.97	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0978	EA	1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	48.77	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-0979	EA	1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	52.52	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0980	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	52.73	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0981	EA	1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	62.93	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-0982	EA	1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	76.01	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0983	EA	1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	77.93	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0984	EA	1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	79.85	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-0985	EA	1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	83.87	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0986	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	89.76	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0987	EA	1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	116.51	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-0988	EA	1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	147.67	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	

05 05 23 00-0989 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0990 1/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-0991	EA	1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	6.95	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0992	EA	1" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.23	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0993	EA	1-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.44	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0994	EA	2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.58	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0995	EA	2-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.16	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0996	EA	3" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.53	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0997	EA	3-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.89	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0998	EA	4" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.36	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-0999	EA	4-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.67	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-1000	EA	5" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.80	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-1001	EA	5-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.92	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1002	EA	6" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	11.17	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1003	EA	6-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	20.54	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1004	EA	7" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	32.07	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-1005	EA	7-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	57.07	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-1006	EA	8" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	62.77	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	

05 05 23 00-1007 5/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1008	EA	5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.34	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-1009	EA	5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	7.65	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-1010	EA	5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.19	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-1011	EA	5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	8.60	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-1012	EA	5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.95	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-1013	EA	5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	9.77	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-1014	EA	5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.35	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-1015	EA	5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	10.78	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-1016	EA	5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.01	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-1017	EA	5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	12.26	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-1018	EA	5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.30	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1019	EA	5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	14.26	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1020	EA	5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.23	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1021	EA	5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	33.74	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-1022		3/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*		
05 05 23 00-1023	EA	3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.18	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-1024	EA	3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	8.31	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-1025	EA	3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.81	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-1026	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	10.00	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-1027	EA	3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.60	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-1028	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	10.81	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-1029	EA	3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.85	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-1.95*	
05 05 23 00-1030	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	12.18	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-1031	EA	3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.83	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-1032	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	13.28	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.01*	
05 05 23 00-1033	EA	3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.90	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1034	EA	3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	16.64	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1035	EA	3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.72	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.72*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1036	EA	3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	21.33	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-1037	EA	3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.55	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-1038	EA	3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	36.35	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.12*	
05 05 23 00-1039		7/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1040	EA	7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	11.07	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1041	EA	7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.82	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1042	EA	7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	13.22	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1043	EA	7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.61	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-1044	EA	7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	15.95	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-1045	EA	7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.16	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-1046	EA	7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	20.45	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-1047	EA	7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.84	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-1048	EA	7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	21.64	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-1049	EA	7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.37	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1050	EA	7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	22.95	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1051	EA	7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.52	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1052	EA	7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	24.16	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	

05 05 23 00-1053 1/2" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1054	EA	1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	11.03	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1055	EA	1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.84	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1056	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	12.97	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1057	EA	1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.49	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-1058	EA	1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	15.74	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-1059	EA	1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.05	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-1060	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	16.75	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1061	EA	1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.15	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-1062	EA	1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	24.03	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-1063	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.58	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1064	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	25.35	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1065	EA	1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.38	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1066	EA	1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	35.59	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-1067	EA	1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	38.20	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-1068	EA	1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	42.52	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.39*	
05 05 23 00-1069	EA	1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	54.12	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-1070	EA	1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	61.50	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-1071	EA	1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	62.71	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-1072	EA	1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	64.59	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	

05 05 23 00-1073 9/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1074	EA	9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	31.23	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1075	EA	9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	33.88	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1076	EA	9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	42.75	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.17*	
05 05 23 00-1077	EA	9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	47.90	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-1078	EA	9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	53.14	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-1079	EA	9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	58.39	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.22*	
05 05 23 00-1080	EA	9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	61.83	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-1081	EA	9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	66.15	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1082		EA	9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	69.99	
			For >100 To 250, Deduct	*-1.52*	
			For >250 To 500, Deduct	*-1.90*	
			For >500, Deduct	*-2.28*	
05 05 23 00-1083		EA	9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	71.33	
			For >100 To 250, Deduct	*-1.56*	
			For >250 To 500, Deduct	*-1.95*	
			For >500, Deduct	*-2.33*	
05 05 23 00-1084		EA	9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	74.71	
			For >100 To 250, Deduct	*-1.56*	
			For >250 To 500, Deduct	*-1.95*	
			For >500, Deduct	*-2.33*	
05 05 23 00-1085			5/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23.00-0988)*		
05 05 23 00-1086		EA	5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	16.05	
			For >100 To 250, Deduct	*-1.63*	
			For >250 To 500, Deduct	*-2.04*	
			For >500, Deduct	*-2.44*	
05 05 23 00-1087		EA	5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.28	
			For >100 To 250, Deduct	*-1.63*	
			For >250 To 500, Deduct	*-2.04*	
			For >500, Deduct	*-2.44*	
05 05 23 00-1088		EA	5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	16.36	
			For >100 To 250, Deduct	*-1.63*	
			For >250 To 500, Deduct	*-2.04*	
			For >500, Deduct	*-2.44*	
05 05 23 00-1089		EA	5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.05	
			For >100 To 250, Deduct	*-1.66*	
			For >250 To 500, Deduct	*-2.08*	
			For >500, Deduct	*-2.50*	
05 05 23 00-1090		EA	5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	19.61	
			For >100 To 250, Deduct	*-1.66*	
			For >250 To 500, Deduct	*-2.08*	
			For >500, Deduct	*-2.50*	
05 05 23 00-1091		EA	5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.54	
			For >100 To 250, Deduct	*-1.66*	
			For >250 To 500, Deduct	*-2.08*	
			For >500, Deduct	*-2.50*	
05 05 23 00-1092		EA	5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	25.76	
			For >100 To 250, Deduct	*-1.70*	
			For >250 To 500, Deduct	*-2.13*	
			For >500, Deduct	*-2.55*	
05 05 23 00-1093		EA	5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	30.08	
			For >100 To 250, Deduct	*-1.70*	
			For >250 To 500, Deduct	*-2.13*	
			For >500, Deduct	*-2.55*	
05 05 23 00-1094		EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	31.58	
			For >100 To 250, Deduct	*-1.70*	
			For >250 To 500, Deduct	*-2.13*	
			For >500, Deduct	*-2.55*	
05 05 23 00-1095		EA	5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	34.60	
			For >100 To 250, Deduct	*-1.74*	
			For >250 To 500, Deduct	*-2.17*	
			For >500, Deduct	*-2.60*	
05 05 23 00-1096		EA	5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	35.83	
			For >100 To 250, Deduct	*-1.74*	
			For >250 To 500, Deduct	*-2.17*	
			For >500, Deduct	*-2.60*	
05 05 23 00-1097		EA	5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	43.39	
			For >100 To 250, Deduct	*-1.74*	
			For >250 To 500, Deduct	*-2.17*	
			For >500, Deduct	*-2.60*	
05 05 23 00-1098		EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	46.30	
			For >100 To 250, Deduct	*-1.77*	
			For >250 To 500, Deduct	*-2.22*	
			For >500, Deduct	*-2.66*	
05 05 23 00-1099		EA	5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	47.26	
			For >100 To 250, Deduct	*-1.77*	
			For >250 To 500, Deduct	*-2.22*	
			For >500, Deduct	*-2.66*	
05 05 23 00-1100		EA	5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	50.79	
			For >100 To 250, Deduct	*-1.77*	
			For >250 To 500, Deduct	*-2.22*	
			For >500, Deduct	*-2.66*	
05 05 23 00-1101		EA	5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	54.16	
			For >100 To 250, Deduct	*-1.81*	
			For >250 To 500, Deduct	*-2.26*	
			For >500, Deduct	*-2.71*	
05 05 23 00-1102		EA	5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	57.16	
			For >100 To 250, Deduct	*-1.81*	
			For >250 To 500, Deduct	*-2.26*	
			For >500, Deduct	*-2.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1103	EA	5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	71.44	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-1104	EA	5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	86.70	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-1105		3/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*		
05 05 23 00-1106	EA	3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	22.06	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-1107	EA	3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.60	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-1108	EA	3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	24.65	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-1109	EA	3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	26.64	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-1110	EA	3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	30.48	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-1111	EA	3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.70	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.50*	
05 05 23 00-1112	EA	3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	37.63	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-1113	EA	3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.58	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-1114	EA	3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	40.66	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.55*	
05 05 23 00-1115	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	42.28	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-1116	EA	3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	44.74	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-1117	EA	3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	52.30	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-2.60*	
05 05 23 00-1118	EA	3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	63.43	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-1119	EA	3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	71.95	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-1120	EA	3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	73.24	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-2.66*	
05 05 23 00-1121	EA	3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	78.54	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-1122	EA	3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	91.47	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-1123	EA	3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	92.56	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1124	EA	3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	95.29	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-1125		7/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*		
05 05 23 00-1126	EA	7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.92	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-1127	EA	7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	28.47	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-1128	EA	7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	30.60	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1129	EA	7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	35.57	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1130	EA	7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	37.80	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1131	EA	7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	39.94	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-1132	EA	7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	42.95	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-1133	EA	7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	49.73	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-1134	EA	7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	50.08	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-1135	EA	7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	52.33	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-1136	EA	7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	71.30	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-1137	EA	7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	79.85	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-1138	EA	7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	88.85	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-1139	EA	7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	93.29	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-1140	EA	7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	99.23	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-1141	EA	7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	103.09	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-1142	EA	7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	106.91	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-1143	EA	7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	111.21	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-1144		1" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1145	EA	1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	32.73	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.26*	
		For >500, Deduct	*-2.71*	
05 05 23 00-1146	EA	1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	38.39	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1147	EA	1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	42.06	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1148	EA	1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	47.92	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-2.77*	
05 05 23 00-1149	EA	1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	50.19	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-1150	EA	1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	54.17	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-1151	EA	1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	58.18	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-2.82*	
05 05 23 00-1152	EA	1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	62.39	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-1153	EA	1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	72.76	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-1154	EA	1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	82.97	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-2.88*	
05 05 23 00-1155	EA	1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	97.13	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-1156	EA	1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	108.88	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-1157	EA	1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	110.57	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-2.93*	
05 05 23 00-1158	EA	1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	114.59	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-1159	EA	1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	116.20	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-1160	EA	1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	135.71	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	
05 05 23 00-1161	EA	1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	154.55	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-2.99*	

05 05 23 00-1162 Screws *(05 05 23)*

05 05 23 00-1163 Teks® 5 Self Drilling Screws *(05 05 23 00-1162)*

Note: Includes Climaseal® finish, self-drill point and tapping threads.

05 05 23 00-1164	EA	12-24 x 1-1/4", Hex Washer Head, Teks® 5 Self Drilling Screw	3.51	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.63*	
05 05 23 00-1165	EA	12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw	3.69	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.64*	
05 05 23 00-1166	EA	12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw	4.15	
		For >10 To 50, Deduct	*-0.16*	
		For >50 To 100, Deduct	*-0.34*	
		For >100, Deduct	*-0.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1167	EA	1/4"-28 x 3", Hex Washer Head, Teks® 5 Self Drilling Screw	5.80	
		For >10 To 50, Deduct	*-0.20*	
		For >50 To 100, Deduct	*-0.45*	
		For >100, Deduct	*-0.89*	
05 05 23 00-1168	EA	1/4"-28 x 4", Hex Washer Head, Teks® 5 Self Drilling Screw	6.21	
		For >10 To 50, Deduct	*-0.21*	
		For >50 To 100, Deduct	*-0.47*	
		For >100, Deduct	*-0.94*	
05 05 23 00-1169	EA	1/4"-28 x 6", Hex Washer Head, Teks® 5 Self Drilling Screw	7.84	
		For >10 To 50, Deduct	*-0.22*	
		For >50 To 100, Deduct	*-0.53*	
		For >100, Deduct	*-1.06*	
05 05 23 00-1170	EA	1/4"-28 x 8", Hex Washer Head, Teks® 5 Self Drilling Screw	8.84	
		For >10 To 50, Deduct	*-0.23*	
		For >50 To 100, Deduct	*-0.57*	
		For >100, Deduct	*-1.14*	

05 05 23 00-1171 Security Screws *(05 05 23 00-1162)*

05 05 23 00-1172 304/18-8 Stainless Steel, Security Screws *(05 05 23 00-1171)*

Note: Includes "security" style drive in machine or sheet metal screw threads.

05 05 23 00-1173	EA	#4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws	2.73	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.52*	
05 05 23 00-1174	EA	#6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.29	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.27*	
		For >100, Deduct	*-0.54*	
05 05 23 00-1175	EA	#6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.76	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.28*	
		For >100, Deduct	*-0.57*	
05 05 23 00-1176	EA	#6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.92	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.29*	
		For >100, Deduct	*-0.58*	
05 05 23 00-1177	EA	#6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.23	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.30*	
		For >100, Deduct	*-0.59*	
05 05 23 00-1178	EA	#8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.41	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.28*	
		For >100, Deduct	*-0.55*	
05 05 23 00-1179	EA	#8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.64	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.28*	
		For >100, Deduct	*-0.56*	
05 05 23 00-1180	EA	#8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.11	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.29*	
		For >100, Deduct	*-0.59*	
05 05 23 00-1181	EA	#8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.25	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.30*	
		For >100, Deduct	*-0.59*	
05 05 23 00-1182	EA	#10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.55	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.28*	
		For >100, Deduct	*-0.56*	
05 05 23 00-1183	EA	#10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.62	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.28*	
		For >100, Deduct	*-0.56*	
05 05 23 00-1184	EA	#10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.82	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.29*	
		For >100, Deduct	*-0.57*	
05 05 23 00-1185	EA	#10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.46	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.30*	
		For >100, Deduct	*-0.60*	
05 05 23 00-1186	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.92	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.29*	
		For >100, Deduct	*-0.58*	
05 05 23 00-1187	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	4.07	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.29*	
		For >100, Deduct	*-0.58*	
05 05 23 00-1188	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.68	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1189	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	5.64	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-0.33*	
		For >100, Deduct	*-0.66*	
05 05 23 00-1190		**Threaded Rod** *(05 05 23)*		
		Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and washers.		
05 05 23 00-1191		**Plain Finish Steel, Low Carbon Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1192	LF	1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.06	0.52
		For Left Hand Threaded Rod, Add	*0.10*	
05 05 23 00-1193	LF	5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.68	0.57
		For Left Hand Threaded Rod, Add	*0.15*	
05 05 23 00-1194	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.11	0.66
		For Left Hand Threaded Rod, Add	*0.18*	
05 05 23 00-1195	LF	7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.15	0.68
		For Left Hand Threaded Rod, Add	*0.28*	
05 05 23 00-1196	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.25	0.71
		For Left Hand Threaded Rod, Add	*0.29*	
05 05 23 00-1197	LF	9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.23	0.71
		For Left Hand Threaded Rod, Add	*0.38*	
05 05 23 00-1198	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.87	0.73
		For Left Hand Threaded Rod, Add	*0.44*	
05 05 23 00-1199	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.53	0.75
		For Left Hand Threaded Rod, Add	*0.81*	
05 05 23 00-1200	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.39	0.77
		For Left Hand Threaded Rod, Add	*0.89*	
05 05 23 00-1201	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	14.17	0.87
		For Left Hand Threaded Rod, Add	*1.24*	
05 05 23 00-1202	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.61	0.97
		For Left Hand Threaded Rod, Add	*1.57*	
05 05 23 00-1203	LF	1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	23.32	1.05
		For Left Hand Threaded Rod, Add	*2.11*	
05 05 23 00-1204	LF	1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	28.97	1.14
		For Left Hand Threaded Rod, Add	*2.67*	
05 05 23 00-1205	LF	1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	34.61	1.19
		For Left Hand Threaded Rod, Add	*3.22*	
05 05 23 00-1206	LF	1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	42.39	1.24
		For Left Hand Threaded Rod, Add	*3.99*	
05 05 23 00-1207	LF	2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	54.08	1.31
		For Left Hand Threaded Rod, Add	*5.15*	
05 05 23 00-1208		**Zinc Plated Steel, Low Carbon Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1209	LF	1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	2.08	0.52
		For Left Hand Threaded Rod, Add	*0.10*	
05 05 23 00-1210	LF	5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	3.01	0.57
		For Left Hand Threaded Rod, Add	*0.19*	
05 05 23 00-1211	LF	3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	3.36	0.66
		For Left Hand Threaded Rod, Add	*0.21*	
05 05 23 00-1212	LF	7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	4.78	0.68
		For Left Hand Threaded Rod, Add	*0.34*	
05 05 23 00-1213	LF	1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	5.14	0.71
		For Left Hand Threaded Rod, Add	*0.38*	
05 05 23 00-1214	LF	9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	6.68	0.71
		For Left Hand Threaded Rod, Add	*0.53*	
05 05 23 00-1215	LF	5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	7.08	0.73
		For Left Hand Threaded Rod, Add	*0.56*	
05 05 23 00-1216	LF	3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	10.57	0.75
		For Left Hand Threaded Rod, Add	*0.91*	
05 05 23 00-1217	LF	7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	13.66	0.77
		For Left Hand Threaded Rod, Add	*1.21*	
05 05 23 00-1218	LF	1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	18.29	0.87
		For Left Hand Threaded Rod, Add	*1.66*	
05 05 23 00-1219	LF	1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	23.57	0.97
		For Left Hand Threaded Rod, Add	*2.16*	
05 05 23 00-1220	LF	1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	28.11	1.05
		For Left Hand Threaded Rod, Add	*2.59*	
05 05 23 00-1221	LF	1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	31.94	1.14
		For Left Hand Threaded Rod, Add	*2.97*	
05 05 23 00-1222	LF	1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	40.16	1.19
		For Left Hand Threaded Rod, Add	*3.78*	
05 05 23 00-1223	LF	1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	49.71	1.24
		For Left Hand Threaded Rod, Add	*4.72*	
05 05 23 00-1224	LF	2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	72.41	1.31
		For Left Hand Threaded Rod, Add	*6.98*	
05 05 23 00-1225		**Hot Dipped Galvanized Steel, Low Carbon Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1226	LF	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	5.44	0.66
		For Left Hand Threaded Rod, Add	*0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1227	LF	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	7.56	0.71
		For Left Hand Threaded Rod, Add	*0.62*	
05 05 23 00-1228	LF	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	10.15	0.73
		For Left Hand Threaded Rod, Add	*0.87*	
05 05 23 00-1229	LF	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	13.88	0.75
		For Left Hand Threaded Rod, Add	*1.24*	
05 05 23 00-1230	LF	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	19.16	0.77
		For Left Hand Threaded Rod, Add	*1.76*	
05 05 23 00-1231	LF	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	24.69	0.87
		For Left Hand Threaded Rod, Add	*2.30*	
05 05 23 00-1232	LF	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	32.45	0.97
		For Left Hand Threaded Rod, Add	*3.05*	
05 05 23 00-1233	LF	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	42.63	1.05
		For Left Hand Threaded Rod, Add	*4.05*	
05 05 23 00-1234	LF	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	47.63	1.14
		For Left Hand Threaded Rod, Add	*4.54*	
05 05 23 00-1235	LF	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	56.65	1.19
		For Left Hand Threaded Rod, Add	*5.43*	
05 05 23 00-1236	LF	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	68.78	1.24
		For Left Hand Threaded Rod, Add	*6.63*	
05 05 23 00-1237	LF	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	119.86	1.31
		For Left Hand Threaded Rod, Add	*11.73*	

05 05 23 00-1238 304/18-8 Stainless Steel Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1239	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	3.95	0.52
		For Left Hand Threaded Rod, Add	*0.29*	
05 05 23 00-1240	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	6.11	0.57
		For Left Hand Threaded Rod, Add	*0.50*	
05 05 23 00-1241	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	7.93	0.66
		For Left Hand Threaded Rod, Add	*0.66*	
05 05 23 00-1242	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	11.19	0.68
		For Left Hand Threaded Rod, Add	*0.98*	
05 05 23 00-1243	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	13.51	0.71
		For Left Hand Threaded Rod, Add	*1.21*	
05 05 23 00-1244	LF	9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	19.66	0.71
		For Left Hand Threaded Rod, Add	*1.82*	
05 05 23 00-1245	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	20.54	0.73
		For Left Hand Threaded Rod, Add	*1.91*	
05 05 23 00-1246	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	28.97	0.75
		For Left Hand Threaded Rod, Add	*2.75*	
05 05 23 00-1247	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	40.07	0.77
		For Left Hand Threaded Rod, Add	*3.85*	
05 05 23 00-1248	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	51.48	0.87
		For Left Hand Threaded Rod, Add	*4.97*	
05 05 23 00-1249	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	109.57	1.05
		For Left Hand Threaded Rod, Add	*10.74*	
05 05 23 00-1250	LF	1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	167.21	1.19
		For Left Hand Threaded Rod, Add	*16.48*	
05 05 23 00-1251	LF	1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	171.98	1.24
		For Left Hand Threaded Rod, Add	*16.95*	
05 05 23 00-1252	LF	2" Diameter, 304/18-8 Stainless Steel Threaded Rod	238.30	1.31
		For Left Hand Threaded Rod, Add	*23.57*	

05 05 23 00-1253 316 Stainless Steel Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1254	LF	1/4" Diameter, 316 Stainless Steel Threaded Rod	5.90	0.52
		For Left Hand Threaded Rod, Add	*0.49*	
05 05 23 00-1255	LF	5/16" Diameter, 316 Stainless Steel Threaded Rod	9.72	0.57
		For Left Hand Threaded Rod, Add	*0.86*	
05 05 23 00-1256	LF	3/8" Diameter, 316 Stainless Steel Threaded Rod	12.99	0.66
		For Left Hand Threaded Rod, Add	*1.17*	
05 05 23 00-1257	LF	7/16" Diameter, 316 Stainless Steel Threaded Rod	20.55	0.68
		For Left Hand Threaded Rod, Add	*1.92*	
05 05 23 00-1258	LF	1/2" Diameter, 316 Stainless Steel Threaded Rod	21.81	0.71
		For Left Hand Threaded Rod, Add	*2.04*	
05 05 23 00-1259	LF	9/16" Diameter, 316 Stainless Steel Threaded Rod	28.78	0.71
		For Left Hand Threaded Rod, Add	*2.74*	
05 05 23 00-1260	LF	5/8" Diameter, 316 Stainless Steel Threaded Rod	31.00	0.73
		For Left Hand Threaded Rod, Add	*2.96*	
05 05 23 00-1261	LF	3/4" Diameter, 316 Stainless Steel Threaded Rod	45.44	0.75
		For Left Hand Threaded Rod, Add	*4.40*	
05 05 23 00-1262	LF	7/8" Diameter, 316 Stainless Steel Threaded Rod	62.42	0.77
		For Left Hand Threaded Rod, Add	*6.09*	
05 05 23 00-1263	LF	1" Diameter, 316 Stainless Steel Threaded Rod	79.06	0.87
		For Left Hand Threaded Rod, Add	*7.73*	
05 05 23 00-1264	LF	1-1/4" Diameter, 316 Stainless Steel Threaded Rod	167.50	1.05
		For Left Hand Threaded Rod, Add	*16.53*	
05 05 23 00-1265	LF	1-1/2" Diameter, 316 Stainless Steel Threaded Rod	219.75	1.19
		For Left Hand Threaded Rod, Add	*21.74*	

05 05 23 00-1266 Plain Finish Steel, B-7 Alloy Threaded Rod *(05 05 23 00-1190)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1267	LF	1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	3.49	0.52
		For Zinc Plating, Add	*1.22*	
05 05 23 00-1268	LF	5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	5.32	0.57
		For Zinc Plating, Add	*2.09*	
05 05 23 00-1269	LF	3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	5.58	0.66
		For Zinc Plating, Add	*2.14*	
05 05 23 00-1270	LF	7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.09	0.68
		For Zinc Plating, Add	*2.37*	
05 05 23 00-1271	LF	1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.70	0.71
		For Zinc Plating, Add	*2.66*	
05 05 23 00-1272	LF	9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	8.34	0.71
		For Zinc Plating, Add	*3.46*	
05 05 23 00-1273	LF	5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	8.60	0.73
		For Zinc Plating, Add	*3.58*	
05 05 23 00-1274	LF	3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	11.38	0.75
		For Zinc Plating, Add	*4.95*	
05 05 23 00-1275	LF	7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	13.62	0.77
		For Zinc Plating, Add	*6.04*	
05 05 23 00-1276	LF	1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	17.65	0.87
		For Zinc Plating, Add	*7.96*	
05 05 23 00-1277	LF	1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	22.94	0.97
		For Zinc Plating, Add	*10.50*	
05 05 23 00-1278	LF	1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	25.53	1.05
		For Zinc Plating, Add	*11.68*	
05 05 23 00-1279	LF	1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	29.45	1.14
		For Zinc Plating, Add	*13.59*	
05 05 23 00-1280	LF	1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	35.78	1.19
		For Zinc Plating, Add	*16.70*	
05 05 23 00-1281	LF	1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	36.99	1.24
		For Zinc Plating, Add	*17.25*	
05 05 23 00-1282	LF	2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	49.58	1.31
		For Zinc Plating, Add	*23.49*	

05 05 23 00-1283 Nuts And Washers *(05 05 23)*

05 05 23 00-1284 Hex Nuts *(05 05 23 00-1283)*

05 05 23 00-1285 Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1286	EA	1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.56	0.25
05 05 23 00-1287	EA	5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.61	0.25
05 05 23 00-1288	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.66	0.25
05 05 23 00-1289	EA	7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.76	0.25
05 05 23 00-1290	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.82	0.25
05 05 23 00-1291	EA	9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.08	0.25
05 05 23 00-1292	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.12	0.25
05 05 23 00-1293	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.31	0.50
05 05 23 00-1294	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.91	0.50
05 05 23 00-1295	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.42	0.50
05 05 23 00-1296	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.92	0.50
05 05 23 00-1297	EA	1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	4.80	0.50
05 05 23 00-1298	EA	1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	7.02	0.50
05 05 23 00-1299	EA	1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	8.13	0.76
05 05 23 00-1300	EA	1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	11.90	0.76
05 05 23 00-1301	EA	2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	17.16	0.76

05 05 23 00-1302 Zinc Plated Steel, Grade 5 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1303	EA	1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.57	0.25
05 05 23 00-1304	EA	5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.62	0.25
05 05 23 00-1305	EA	3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.68	0.25
05 05 23 00-1306	EA	7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.79	0.25
05 05 23 00-1307	EA	1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.92	0.25
05 05 23 00-1308	EA	9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.11	0.25
05 05 23 00-1309	EA	5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.14	0.25
05 05 23 00-1310	EA	3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.48	0.50
05 05 23 00-1311	EA	7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	2.08	0.50
05 05 23 00-1312	EA	1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	2.92	0.50
05 05 23 00-1313	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	4.42	0.50
05 05 23 00-1314	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	6.24	0.50
05 05 23 00-1315	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	9.13	0.50
05 05 23 00-1316	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	10.08	0.76
05 05 23 00-1317	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	18.13	0.76
05 05 23 00-1318	EA	2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	25.97	0.76

05 05 23 00-1319 Zinc Plated Steel, Grade 8 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1320	EA	1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.58	0.25
05 05 23 00-1321	EA	5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.67	0.25
05 05 23 00-1322	EA	3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.73	0.25
05 05 23 00-1323	EA	7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.89	0.25
05 05 23 00-1324	EA	1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.06	0.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1325	EA	9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.28	0.25
05 05 23 00-1326	EA	5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.45	0.25
05 05 23 00-1327	EA	3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.78	0.50
05 05 23 00-1328	EA	7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	2.66	0.50
05 05 23 00-1329	EA	1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	3.54	0.50
05 05 23 00-1330	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	5.51	0.50
05 05 23 00-1331	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	6.87	0.50
05 05 23 00-1332	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	11.26	0.50
05 05 23 00-1333	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	11.95	0.76
05 05 23 00-1334	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	18.19	0.76
05 05 23 00-1335	EA	2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	25.68	0.76
05 05 23 00-1336		Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts *(05 05 23 00-1284)*		
05 05 23 00-1337	EA	1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.58	0.25
05 05 23 00-1338	EA	5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.65	0.25
05 05 23 00-1339	EA	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.71	0.25
05 05 23 00-1340	EA	7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.87	0.25
05 05 23 00-1341	EA	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.00	0.25
05 05 23 00-1342	EA	9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.12	0.25
05 05 23 00-1343	EA	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.24	0.25
05 05 23 00-1344	EA	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.63	0.50
05 05 23 00-1345	EA	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	2.35	0.50
05 05 23 00-1346	EA	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	3.24	0.50
05 05 23 00-1347	EA	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	5.33	0.50
05 05 23 00-1348	EA	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	6.83	0.50
05 05 23 00-1349	EA	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	10.09	0.50
05 05 23 00-1350	EA	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	11.77	0.76
05 05 23 00-1351	EA	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	20.47	0.76
05 05 23 00-1352	EA	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	35.35	0.76
05 05 23 00-1353		304 Stainless Steel Hex Nuts *(05 05 23 00-1284)*		
05 05 23 00-1354	EA	1/4" Diameter, 304 Stainless Steel Hex Nut	0.73	0.25
05 05 23 00-1355	EA	5/16" Diameter, 304 Stainless Steel Hex Nut	0.89	0.25
05 05 23 00-1356	EA	3/8" Diameter, 304 Stainless Steel Hex Nut	1.03	0.25
05 05 23 00-1357	EA	7/16" Diameter, 304 Stainless Steel Hex Nut	1.65	0.25
05 05 23 00-1358	EA	1/2" Diameter, 304 Stainless Steel Hex Nut	1.79	0.25
05 05 23 00-1359	EA	9/16" Diameter, 304 Stainless Steel Hex Nut	2.89	0.25
05 05 23 00-1360	EA	5/8" Diameter, 304 Stainless Steel Hex Nut	3.25	0.25
05 05 23 00-1361	EA	3/4" Diameter, 304 Stainless Steel Hex Nut	3.76	0.50
05 05 23 00-1362	EA	7/8" Diameter, 304 Stainless Steel Hex Nut	6.39	0.50
05 05 23 00-1363	EA	1" Diameter, 304 Stainless Steel Hex Nut	9.92	0.50
05 05 23 00-1364	EA	1-1/4" Diameter, 304 Stainless Steel Hex Nut	24.32	0.50
05 05 23 00-1365	EA	1-1/2" Diameter, 304 Stainless Steel Hex Nut	47.16	0.76
05 05 23 00-1366	EA	1-3/4" Diameter, 304 Stainless Steel Hex Nut	83.36	0.76
05 05 23 00-1367	EA	2" Diameter, 304 Stainless Steel Hex Nut	119.03	0.76
05 05 23 00-1368		316 Stainless Steel Hex Nuts *(05 05 23 00-1284)*		
05 05 23 00-1369	EA	1/4" Diameter, 316 Stainless Steel Hex Nut	0.90	0.25
05 05 23 00-1370	EA	5/16" Diameter, 316 Stainless Steel Hex Nut	1.04	0.25
05 05 23 00-1371	EA	3/8" Diameter, 316 Stainless Steel Hex Nut	1.28	0.25
05 05 23 00-1372	EA	7/16" Diameter, 316 Stainless Steel Hex Nut	2.26	0.25
05 05 23 00-1373	EA	1/2" Diameter, 316 Stainless Steel Hex Nut	2.43	0.25
05 05 23 00-1374	EA	9/16" Diameter, 316 Stainless Steel Hex Nut	3.42	0.25
05 05 23 00-1375	EA	5/8" Diameter, 316 Stainless Steel Hex Nut	3.90	0.25
05 05 23 00-1376	EA	3/4" Diameter, 316 Stainless Steel Hex Nut	5.55	0.50
05 05 23 00-1377	EA	7/8" Diameter, 316 Stainless Steel Hex Nut	7.85	0.50
05 05 23 00-1378	EA	1" Diameter, 316 Stainless Steel Hex Nut	12.24	0.50
05 05 23 00-1379	EA	1-1/4" Diameter, 316 Stainless Steel Hex Nut	38.01	0.50
05 05 23 00-1380	EA	1-1/2" Diameter, 316 Stainless Steel Hex Nut	61.75	0.76
05 05 23 00-1381	EA	1-3/4" Diameter, 316 Stainless Steel Hex Nut	104.61	0.76
05 05 23 00-1382	EA	2" Diameter, 316 Stainless Steel Hex Nut	194.97	0.76
05 05 23 00-1383		Flat Washers *(05 05 23 00-1283)*		
05 05 23 00-1384		Zinc Plated Steel, Low Carbon Flat Washers *(05 05 23 00-1383)*		
05 05 23 00-1385	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.04	
05 05 23 00-1386	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.06	
05 05 23 00-1387	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.11	
05 05 23 00-1388	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.17	
05 05 23 00-1389	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.24	
05 05 23 00-1390	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.27	
05 05 23 00-1391	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.46	
05 05 23 00-1392	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.66	
05 05 23 00-1393	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.79	
05 05 23 00-1394	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.97	
05 05 23 00-1395	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.09	
05 05 23 00-1396	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1397	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.05	
05 05 23 00-1398	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.10	
05 05 23 00-1399	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	3.11	
05 05 23 00-1400	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	3.86	
05 05 23 00-1401		**Zinc Plated Steel, Hardened Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1402	EA	1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.14	
05 05 23 00-1403	EA	5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.20	
05 05 23 00-1404	EA	3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.22	
05 05 23 00-1405	EA	7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.30	
05 05 23 00-1406	EA	1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.41	
05 05 23 00-1407	EA	9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.66	
05 05 23 00-1408	EA	5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.95	
05 05 23 00-1409	EA	3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.34	
05 05 23 00-1410	EA	7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	2.23	
05 05 23 00-1411	EA	1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	2.47	
05 05 23 00-1412	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.60	
05 05 23 00-1413	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.93	
05 05 23 00-1414	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	5.18	
05 05 23 00-1415	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	5.92	
05 05 23 00-1416	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	7.96	
05 05 23 00-1417	EA	2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	9.56	
05 05 23 00-1418		**Hot Dipped Galvanized Steel Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1419	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.09	
05 05 23 00-1420	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.13	
05 05 23 00-1421	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.15	
05 05 23 00-1422	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.28	
05 05 23 00-1423	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.36	
05 05 23 00-1424	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.58	
05 05 23 00-1425	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.65	
05 05 23 00-1426	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.99	
05 05 23 00-1427	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.39	
05 05 23 00-1428	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.53	
05 05 23 00-1429	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.34	
05 05 23 00-1430	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.60	
05 05 23 00-1431	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	3.72	
05 05 23 00-1432	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	4.02	
05 05 23 00-1433	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	5.84	
05 05 23 00-1434		**304/18-8 Stainless Steel Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1435	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.18	
05 05 23 00-1436	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.24	
05 05 23 00-1437	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.34	
05 05 23 00-1438	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.63	
05 05 23 00-1439	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.15	
05 05 23 00-1440	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.44	
05 05 23 00-1441	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	2.11	
05 05 23 00-1442	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	2.15	
05 05 23 00-1443	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	4.53	
05 05 23 00-1444	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	5.74	
05 05 23 00-1445	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	6.68	
05 05 23 00-1446	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	7.20	
05 05 23 00-1447	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	7.60	
05 05 23 00-1448	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	9.27	
05 05 23 00-1449	EA	1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	11.52	
05 05 23 00-1450	EA	2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	22.64	
05 05 23 00-1451		**316 Stainless Steel Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1452	EA	1/4" Inside Diameter, 316 Stainless Steel Flat Washer	0.35	
05 05 23 00-1453	EA	5/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.38	
05 05 23 00-1454	EA	3/8" Inside Diameter, 316 Stainless Steel Flat Washer	0.68	
05 05 23 00-1455	EA	7/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.81	
05 05 23 00-1456	EA	1/2" Inside Diameter, 316 Stainless Steel Flat Washer	1.50	
05 05 23 00-1457	EA	9/16" Inside Diameter, 316 Stainless Steel Flat Washer	2.69	
05 05 23 00-1458	EA	5/8" Inside Diameter, 316 Stainless Steel Flat Washer	3.17	
05 05 23 00-1459	EA	3/4" Inside Diameter, 316 Stainless Steel Flat Washer	3.99	
05 05 23 00-1460	EA	7/8" Inside Diameter, 316 Stainless Steel Flat Washer	6.18	
05 05 23 00-1461	EA	1" Inside Diameter, 316 Stainless Steel Flat Washer	6.91	
05 05 23 00-1462	EA	1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer	7.87	
05 05 23 00-1463	EA	1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer	9.70	
05 05 23 00-1464	EA	1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer	10.25	
05 05 23 00-1465	EA	1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer	10.48	
05 05 23 00-1466	EA	1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer	15.36	

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1467			Lock Washers *(05 05 23 00-1283)*		
05 05 23 00-1468			Zinc Plated Steel, Low Carbon Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1469	EA		1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.02	
05 05 23 00-1470	EA		5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.03	
05 05 23 00-1471	EA		3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.04	
05 05 23 00-1472	EA		7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.07	
05 05 23 00-1473	EA		1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.09	
05 05 23 00-1474	EA		9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.15	
05 05 23 00-1475	EA		5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.17	
05 05 23 00-1476	EA		3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.26	
05 05 23 00-1477	EA		7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.44	
05 05 23 00-1478	EA		1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.79	
05 05 23 00-1479	EA		1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.16	
05 05 23 00-1480	EA		1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.77	
05 05 23 00-1481	EA		1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	2.80	
05 05 23 00-1482	EA		1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	3.30	
05 05 23 00-1483	EA		1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	5.89	
05 05 23 00-1484	EA		2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	6.64	
05 05 23 00-1485			Hot Dipped Galvanized Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1486	EA		1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.07	
05 05 23 00-1487	EA		5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.09	
05 05 23 00-1488	EA		3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.11	
05 05 23 00-1489	EA		7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.12	
05 05 23 00-1490	EA		1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.20	
05 05 23 00-1491	EA		9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.25	
05 05 23 00-1492	EA		5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.30	
05 05 23 00-1493	EA		3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.51	
05 05 23 00-1494	EA		7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.73	
05 05 23 00-1495	EA		1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.16	
05 05 23 00-1496	EA		1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	2.09	
05 05 23 00-1497	EA		1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	2.50	
05 05 23 00-1498	EA		1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.60	
05 05 23 00-1499	EA		1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	4.12	
05 05 23 00-1500	EA		1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.57	
05 05 23 00-1501	EA		2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	7.59	
05 05 23 00-1502			304/18-8 Stainless Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1503	EA		1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.15	
05 05 23 00-1504	EA		5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.21	
05 05 23 00-1505	EA		3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.30	
05 05 23 00-1506	EA		7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.55	
05 05 23 00-1507	EA		1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.61	
05 05 23 00-1508	EA		9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.48	
05 05 23 00-1509	EA		5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.75	
05 05 23 00-1510	EA		3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	2.04	
05 05 23 00-1511	EA		7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	3.69	
05 05 23 00-1512	EA		1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	5.20	
05 05 23 00-1513	EA		1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	9.08	
05 05 23 00-1514	EA		1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	12.08	
05 05 23 00-1515	EA		1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	15.36	
05 05 23 00-1516	EA		1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	18.43	
05 05 23 00-1517			316 Stainless Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1518	EA		1/4" Inside Diameter, 316 Stainless Steel Lock Washer	0.18	
05 05 23 00-1519	EA		5/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.40	
05 05 23 00-1520	EA		3/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.46	
05 05 23 00-1521	EA		7/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.80	
05 05 23 00-1522	EA		1/2" Inside Diameter, 316 Stainless Steel Lock Washer	0.88	
05 05 23 00-1523	EA		9/16" Inside Diameter, 316 Stainless Steel Lock Washer	1.58	
05 05 23 00-1524	EA		5/8" Inside Diameter, 316 Stainless Steel Lock Washer	1.73	
05 05 23 00-1525	EA		3/4" Inside Diameter, 316 Stainless Steel Lock Washer	3.00	
05 05 23 00-1526	EA		7/8" Inside Diameter, 316 Stainless Steel Lock Washer	4.95	
05 05 23 00-1527	EA		1" Inside Diameter, 316 Stainless Steel Lock Washer	6.74	
05 05 23 00-1528	EA		1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer	9.41	
05 05 23 00-1529	EA		1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer	14.48	
05 05 23 00-1530	EA		1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer	25.92	
05 05 23 00-1531	EA		1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer	28.78	
05 05 23 00-1532			Load Indicating Washers *(05 05 23 00-1283)*		
05 05 23 00-1533			A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1532)*		
05 05 23 00-1534			Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1535	EA	1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.92	
05 05 23 00-1536	EA	5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.18	
05 05 23 00-1537	EA	3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.35	
05 05 23 00-1538	EA	7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.66	
05 05 23 00-1539	EA	1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.22	
05 05 23 00-1540	EA	1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	5.35	
05 05 23 00-1541	EA	1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	6.91	
05 05 23 00-1542	EA	1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	8.82	
05 05 23 00-1543	EA	1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	9.70	
05 05 23 00-1544		Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)*		
05 05 23 00-1545	EA	1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.43	
05 05 23 00-1546	EA	5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.71	
05 05 23 00-1547	EA	3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.63	
05 05 23 00-1548	EA	7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.22	
05 05 23 00-1549	EA	1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.81	
05 05 23 00-1550	EA	1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	5.74	
05 05 23 00-1551	EA	1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	7.23	
05 05 23 00-1552	EA	1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	10.29	
05 05 23 00-1553	EA	1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	11.32	
05 05 23 00-1554		Beveled Washers *(05 05 23 00-1283)*		
05 05 23 00-1555		Plain Finish, Square Beveled Structural Washers (ASTM F436) *(05 05 23 00-1554)*		
05 05 23 00-1556	EA	1/2", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.17	
05 05 23 00-1557	EA	5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.24	
05 05 23 00-1558	EA	3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.31	
05 05 23 00-1559	EA	7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	4.02	
05 05 23 00-1560	EA	1", Plain Finish, Square Beveled Structural Washer (ASTM F436)	4.24	
05 05 23 00-1561		Galvanized, Square Beveled Structural Washers (ASTM F436) *(05 05 23 00-1554)*		
05 05 23 00-1562	EA	1/2", Galvanized, Square Beveled Structural Washer (ASTM F436)	4.57	
05 05 23 00-1563	EA	5/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	4.77	
05 05 23 00-1564	EA	3/4", Galvanized, Square Beveled Structural Washer (ASTM F436)	4.77	
05 05 23 00-1565	EA	7/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	5.04	
05 05 23 00-1566	EA	1", Galvanized, Square Beveled Structural Washer (ASTM F436)	5.36	
05 05 23 00-1567		Drilling In Steel Plates *(05 05 23)*		
05 05 23 00-1568	EA	Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate	21.91	
		For Aluminum, Deduct	*-2.19*	
		For Stainless Steel, Add	*2.74*	
		For >5 To 10, Deduct	*-2.19*	
		For >10 To 25, Deduct	*-5.48*	
		For >25 To 50, Deduct	*-7.67*	
		For >50, Deduct	*-10.96*	
05 05 23 00-1569	EA	>1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate	25.77	
		For Aluminum, Deduct	*-2.58*	
		For Stainless Steel, Add	*3.22*	
		For >5 To 10, Deduct	*-2.58*	
		For >10 To 25, Deduct	*-6.44*	
		For >25 To 50, Deduct	*-9.02*	
		For >50, Deduct	*-12.89*	
05 05 23 00-1570	EA	>7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate	30.93	
		For Aluminum, Deduct	*-3.09*	
		For Stainless Steel, Add	*3.87*	
		For >5 To 10, Deduct	*-3.09*	
		For >10 To 25, Deduct	*-7.73*	
		For >25 To 50, Deduct	*-10.83*	
		For >50, Deduct	*-15.47*	
05 05 23 00-1571	EA	>1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate	36.09	
		For Aluminum, Deduct	*-3.61*	
		For Stainless Steel, Add	*4.51*	
		For >5 To 10, Deduct	*-3.61*	
		For >10 To 25, Deduct	*-9.02*	
		For >25 To 50, Deduct	*-12.63*	
		For >50, Deduct	*-18.05*	
05 05 23 00-1572	EA	>4" To 10" Diameter Drill Through Up To 1/4" Steel Plate	48.33	
		For Aluminum, Deduct	*-4.83*	
		For Stainless Steel, Add	*6.04*	
		For >5 To 10, Deduct	*-4.83*	
		For >10 To 25, Deduct	*-12.08*	
		For >25 To 50, Deduct	*-16.92*	
		For >50, Deduct	*-24.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1573	EA	Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	25.77	
		For Aluminum, Deduct	*-2.58*	
		For Stainless Steel, Add	*3.22*	
		For >5 To 10, Deduct	*-2.58*	
		For >10 To 25, Deduct	*-6.44*	
		For >25 To 50, Deduct	*-9.02*	
		For >50, Deduct	*-12.89*	
05 05 23 00-1574	EA	>1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate	32.22	
		For Aluminum, Deduct	*-3.22*	
		For Stainless Steel, Add	*4.03*	
		For >5 To 10, Deduct	*-3.22*	
		For >10 To 25, Deduct	*-8.06*	
		For >25 To 50, Deduct	*-11.28*	
		For >50, Deduct	*-16.11*	
05 05 23 00-1575	EA	>7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	38.66	
		For Aluminum, Deduct	*-3.87*	
		For Stainless Steel, Add	*4.83*	
		For >5 To 10, Deduct	*-3.87*	
		For >10 To 25, Deduct	*-9.67*	
		For >25 To 50, Deduct	*-13.53*	
		For >50, Deduct	*-19.33*	
05 05 23 00-1576	EA	>1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate	48.33	
		For Aluminum, Deduct	*-4.83*	
		For Stainless Steel, Add	*6.04*	
		For >5 To 10, Deduct	*-4.83*	
		For >10 To 25, Deduct	*-12.08*	
		For >25 To 50, Deduct	*-16.92*	
		For >50, Deduct	*-24.17*	
05 05 23 00-1577	EA	Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate	32.22	
		For Aluminum, Deduct	*-3.22*	
		For Stainless Steel, Add	*4.03*	
		For >5 To 10, Deduct	*-3.22*	
		For >10 To 25, Deduct	*-8.06*	
		For >25 To 50, Deduct	*-11.28*	
		For >50, Deduct	*-16.11*	
05 05 23 00-1578	EA	>1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate	42.53	
		For Aluminum, Deduct	*-4.25*	
		For Stainless Steel, Add	*5.32*	
		For >5 To 10, Deduct	*-4.25*	
		For >10 To 25, Deduct	*-10.63*	
		For >25 To 50, Deduct	*-14.89*	
		For >50, Deduct	*-21.27*	
05 05 23 00-1579	EA	>7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate	51.56	
		For Aluminum, Deduct	*-5.16*	
		For Stainless Steel, Add	*6.45*	
		For >5 To 10, Deduct	*-5.16*	
		For >10 To 25, Deduct	*-12.89*	
		For >25 To 50, Deduct	*-18.05*	
		For >50, Deduct	*-25.78*	

05 05 23 00-1580 Welded Stud Anchors *(05 05 23)*

05 05 23 00-1581	EA	1-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.23
05 05 23 00-1582	EA	2-11/16" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.32
05 05 23 00-1583	EA	3-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.36
05 05 23 00-1584	EA	4-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.40
05 05 23 00-1585	EA	1-3/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.15
05 05 23 00-1586	EA	1-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.37
05 05 23 00-1587	EA	2-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.60
05 05 23 00-1588	EA	2-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.72
05 05 23 00-1589	EA	3-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.84
05 05 23 00-1590	EA	4-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.32
05 05 23 00-1591	EA	5-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.70
05 05 23 00-1592	EA	6-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	6.01
05 05 23 00-1593	EA	1-1/2" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.09
05 05 23 00-1594	EA	1-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.12
05 05 23 00-1595	EA	2-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.48
05 05 23 00-1596	EA	2-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	5.81
05 05 23 00-1597	EA	3-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	6.23
05 05 23 00-1598	EA	4-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	6.87
05 05 23 00-1599	EA	5-5/16" Long x 1/2" Diameter, Welded Stud Concrete Anchors	7.29
05 05 23 00-1600	EA	6-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	8.42
05 05 23 00-1601	EA	8-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	10.57
05 05 23 00-1602	EA	2-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	7.29
05 05 23 00-1603	EA	3-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	7.84
05 05 23 00-1604	EA	3-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	8.28
05 05 23 00-1605	EA	4-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	8.71
05 05 23 00-1606	EA	4-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.08
05 05 23 00-1607	EA	5-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.41
05 05 23 00-1608	EA	6-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.85
05 05 23 00-1609	EA	6-9/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	11.68
05 05 23 00-1610	EA	8-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	14.22

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1611		Welded Shear Stud Connector *(05 05 23)*		
05 05 23 00-1612		3/4" Diameter Welded Shear Stud Connector *(05 05 23 00-1611)*		
05 05 23 00-1613	EA	3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector	9.37	
05 05 23 00-1614	EA	3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector	9.75	
05 05 23 00-1615	EA	3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector	9.86	
05 05 23 00-1616	EA	3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector	9.91	
05 05 23 00-1617	EA	3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector	10.35	
05 05 23 00-1618	EA	3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector	11.15	
05 05 23 00-1619	EA	3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector	18.92	
05 05 23 00-1620	EA	3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector	12.08	
05 05 23 00-1621	EA	3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector	13.50	
05 05 23 00-1622	EA	3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector	17.55	
05 05 23 00-1623	EA	3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector	17.99	
05 05 23 00-1624	EA	3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector	19.54	
05 05 23 00-1625	EA	3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector	26.05	
05 05 23 00-1626		7/8" Diameter Welded Shear Stud Connector *(05 05 23 00-1611)*		
05 05 23 00-1627	EA	7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector	11.30	
05 05 23 00-1628	EA	7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector	11.92	
05 05 23 00-1629	EA	7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector	12.54	
05 05 23 00-1630	EA	7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector	14.33	
05 05 23 00-1631	EA	7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector	18.50	
05 05 23 00-1632	EA	7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector	20.39	
05 05 23 00-1633	EA	7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector	22.25	
05 05 23 00-1634	EA	7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector	27.47	
05 05 23 00-1635		1" Diameter Welded Shear Stud Connector *(05 05 23 00-1611)*		
05 05 23 00-1636	EA	1" Diameter x 3-1/4" Long, Welded Shear Stud Connector	15.36	
05 05 23 00-1637	EA	1" Diameter x 4-1/4" Long, Welded Shear Stud Connector	17.27	
05 05 23 00-1638	EA	1" Diameter x 5-1/4" Long, Welded Shear Stud Connector	20.08	
05 05 23 00-1639	EA	1" Diameter x 6-1/4" Long, Welded Shear Stud Connector	25.55	
05 05 23 00-1640	EA	1" Diameter x 7-1/4" Long, Welded Shear Stud Connector	28.50	
05 05 23 00-1641	EA	1" Diameter x 8-1/4" Long, Welded Shear Stud Connector	31.44	

05 10 Structural Metal Framing *(05)*

05 12 Structural Steel Framing *(05 10)*

05 12 23 Structural Steel for Buildings *(05 12)*

See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0131 for field fabrication of additional structural metal connections.

05 12 23 00-0001 Rolled Steel Members *(05 12 23)*

Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0131 for field fabrication of additional structural metal connections.

05 12 23 00-0002 Beams, Girders And Columns *(05 12 23 00-0001)*

Note: For one and two story I beams and W shapes and HP shapes.

05 12 23 00-0003	TON	Up To 30 LB/LF Beams, Girders And Columns	11,067.51	1,258.29
		For ASTM A242 Type 2 High Strength Steel, Add	*677.15*	
		For Hot Dip Galvanizing, Add	*2,370.02*	
		For >10 To 25 Tons, Deduct	*-719.47*	
		For >25 To 50 Tons, Deduct	*-1,481.26*	
		For >50 Tons, Deduct	*-2,116.09*	
05 12 23 00-0004	TON	>30-65 LB/LF Beams, Girders And Columns	7,814.51	813.40
		For ASTM A242 Type 2 High Strength Steel, Add	*555.74*	
		For Hot Dip Galvanizing, Add	*1,945.10*	
		For >10 To 25 Tons, Deduct	*-590.48*	
		For >25 To 50 Tons, Deduct	*-1,215.69*	
		For >50 Tons, Deduct	*-1,736.70*	
05 12 23 00-0005	TON	>65-100 LB/LF Beams, Girders And Columns	6,655.33	457.59
		For ASTM A242 Type 2 High Strength Steel, Add	*493.38*	
		For Hot Dip Galvanizing, Add	*1,726.83*	
		For >10 To 25 Tons, Deduct	*-524.22*	
		For >25 To 50 Tons, Deduct	*-1,079.27*	
		For >50 Tons, Deduct	*-1,541.81*	
05 12 23 00-0006	TON	>100-300 LB/LF Beams, Girders And Columns	4,476.36	243.56
		For ASTM A242 Type 2 High Strength Steel, Add	*337.28*	
		For Hot Dip Galvanizing, Add	*1,180.49*	
		For >10 To 25 Tons, Deduct	*-358.36*	
		For >25 To 50 Tons, Deduct	*-737.81*	
		For >50 Tons, Deduct	*-1,054.01*	

05 12 23 00-0007 Trusses, Built-Up *(05 12 23 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0008	TON	Built-Up Trusses, Rolled Structural Steel Members	8,292.68	855.74
		For ASTM A242 Type 2 High Strength Steel, Add	*590.43*	
		For Hot Dip Galvanizing, Add	*2,066.50*	
		For >10 To 25 Tons, Deduct	*-627.33*	
		For >25 To 50 Tons, Deduct	*-1,291.56*	
		For >50 Tons, Deduct	*-1,845.09*	
05 12 23 00-0009		Shapes *(05 12 23 00-0001)*		
05 12 23 00-0010		Rolled Shape Steel Angles *(05 12 23 00-0009)*		
05 12 23 00-0011	TON	Up To 10 LB/LF Rolled Shape Steel Angles	16,122.36	2,339.17
		For ASTM A242 Type 2 High Strength Steel, Add	*977.90*	
		For Hot Dip Galvanizing, Add	*3,422.65*	
		For >10 To 25 Tons, Deduct	*-1,039.02*	
		For >25 To 50 Tons, Deduct	*-2,139.15*	
		For >50 Tons, Deduct	*-3,055.94*	
05 12 23 00-0012	TON	>10 To 20 LB/LF Rolled Shape Steel Angles	14,296.42	1,372.75
		For ASTM A242 Type 2 High Strength Steel, Add	*935.46*	
		For Hot Dip Galvanizing, Add	*3,274.12*	
		For >10 To 25 Tons, Deduct	*-993.93*	
		For >25 To 50 Tons, Deduct	*-2,046.32*	
		For >50 Tons, Deduct	*-2,923.32*	
05 12 23 00-0013	TON	>20 To 58 LB/LF Rolled Shape Steel Angles	11,153.96	813.40
		For ASTM A242 Type 2 High Strength Steel, Add	*822.91*	
		For Hot Dip Galvanizing, Add	*2,880.19*	
		For >10 To 25 Tons, Deduct	*-874.34*	
		For >25 To 50 Tons, Deduct	*-1,800.12*	
		For >50 Tons, Deduct	*-2,571.60*	
05 12 23 00-0014		Rolled C, MC Steel Channels *(05 12 23 00-0009)*		
05 12 23 00-0015	TON	Up To 10 LB/LF Rolled C, MC Steel Channels	17,402.85	3,203.08
		For ASTM A242 Type 2 High Strength Steel, Add	*963.14*	
		For Hot Dip Galvanizing, Add	*3,370.98*	
		For >10 To 25 Tons, Deduct	*-1,023.33*	
		For >25 To 50 Tons, Deduct	*-2,106.87*	
		For >50 Tons, Deduct	*-3,009.81*	
05 12 23 00-0016	TON	>10 To 20 Rolled C, MC Steel Channels	14,134.97	2,440.45
		For ASTM A242 Type 2 High Strength Steel, Add	*922.55*	
		For Hot Dip Galvanizing, Add	*3,228.91*	
		For >10 To 25 Tons, Deduct	*-980.21*	
		For >25 To 50 Tons, Deduct	*-2,018.07*	
		For >50 Tons, Deduct	*-2,882.96*	
05 12 23 00-0017	TON	>20 To 58 LB/LF Rolled C, MC Steel Channels	10,969.45	813.40
		For ASTM A242 Type 2 High Strength Steel, Add	*808.15*	
		For Hot Dip Galvanizing, Add	*2,828.53*	
		For >10 To 25 Tons, Deduct	*-858.66*	
		For >25 To 50 Tons, Deduct	*-1,767.83*	
		For >50 Tons, Deduct	*-2,525.47*	
05 12 23 00-0018		Double L Shape Steel Angles *(05 12 23 00-0009)*		
05 12 23 00-0019	TON	Up To 20 LB/LF Double L Shape Steel Angles	15,011.32	1,855.96
		For ASTM A242 Type 2 High Strength Steel, Add	*941.00*	
		For Hot Dip Galvanizing, Add	*3,293.49*	
		For >10 To 25 Tons, Deduct	*-999.81*	
		For >25 To 50 Tons, Deduct	*-2,058.43*	
		For >50 Tons, Deduct	*-2,940.62*	
05 12 23 00-0020	TON	>20 To 50 LB/LF Double L Shape Steel Angles	11,938.13	813.40
		For ASTM A242 Type 2 High Strength Steel, Add	*885.64*	
		For Hot Dip Galvanizing, Add	*3,099.76*	
		For >10 To 25 Tons, Deduct	*-941.00*	
		For >25 To 50 Tons, Deduct	*-1,937.35*	
		For >50 Tons, Deduct	*-2,767.64*	
05 12 23 00-0021	TON	>50 To 80 LB/LF Double L Shape Steel Angles	9,021.65	457.59
		For ASTM A242 Type 2 High Strength Steel, Add	*682.68*	
		For Hot Dip Galvanizing, Add	*2,389.40*	
		For >10 To 25 Tons, Deduct	*-725.35*	
		For >25 To 50 Tons, Deduct	*-1,493.37*	
		For >50 Tons, Deduct	*-2,133.39*	
05 12 23 00-0022	TON	>80 To 115 LB/LF Double L Shape Steel Angles	5,795.19	243.92
		For ASTM A242 Type 2 High Strength Steel, Add	*442.82*	
		For Hot Dip Galvanizing, Add	*1,549.88*	
		For >10 To 25 Tons, Deduct	*-470.50*	
		For >25 To 50 Tons, Deduct	*-968.67*	
		For >50 Tons, Deduct	*-1,383.82*	
05 12 23 00-0023		Structural WT, MT, ST Tee Shapes *(05 12 23 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0024	TON	Up To 30 LB/LF Structural WT, MT, ST Tee Shapes	13,673.70	1,372.75
		For ASTM A242 Type 2 High Strength Steel, Add	*885.64*	
		For Hot Dip Galvanizing, Add	*3,099.76*	
		For >10 To 25 Tons, Deduct	*-941.00*	
		For >25 To 50 Tons, Deduct	*-1,937.35*	
		For >50 Tons, Deduct	*-2,767.64*	
05 12 23 00-0025	TON	>30 To 65 LB/LF Structural WT, MT, ST Tee Shapes	9,332.08	813.40
		For ASTM A242 Type 2 High Strength Steel, Add	*677.15*	
		For Hot Dip Galvanizing, Add	*2,370.02*	
		For >10 To 25 Tons, Deduct	*-719.47*	
		For >25 To 50 Tons, Deduct	*-1,481.26*	
		For >50 Tons, Deduct	*-2,116.09*	
05 12 23 00-0026	TON	>65 To 100 LB/LF Structural WT, MT, ST Tee Shapes	7,407.19	457.59
		For ASTM A242 Type 2 High Strength Steel, Add	*553.53*	
		For Hot Dip Galvanizing, Add	*1,937.35*	
		For >10 To 25 Tons, Deduct	*-588.12*	
		For >25 To 50 Tons, Deduct	*-1,210.84*	
		For >50 Tons, Deduct	*-1,729.78*	
05 12 23 00-0027	TON	>100 To 365 LB/LF Structural WT, MT, ST Tee Shapes	5,472.71	243.56
		For ASTM A242 Type 2 High Strength Steel, Add	*416.99*	
		For Hot Dip Galvanizing, Add	*1,459.47*	
		For >10 To 25 Tons, Deduct	*-443.05*	
		For >25 To 50 Tons, Deduct	*-912.17*	
		For >50 Tons, Deduct	*-1,303.10*	

05 12 23 00-0028 Combination Section Shapes *(05 12 23 00-0001)*

05 12 23 00-0029 Combination Section, W Shapes And Angles *(05 12 23 00-0028)*

05 12 23 00-0030	TON	Up To 30 LB/LF Combination Section - W Shapes And Angles	12,958.72	1,372.75
		For ASTM A242 Type 2 High Strength Steel, Add	*828.45*	
		For Hot Dip Galvanizing, Add	*2,899.56*	
		For >10 To 25 Tons, Deduct	*-880.22*	
		For >25 To 50 Tons, Deduct	*-1,812.23*	
		For >50 Tons, Deduct	*-2,588.90*	
05 12 23 00-0031	TON	>30-65 LB/LF Combination Section - W Shapes And Angles	9,401.29	813.40
		For ASTM A242 Type 2 High Strength Steel, Add	*682.69*	
		For Hot Dip Galvanizing, Add	*2,389.40*	
		For >10 To 25 Tons, Deduct	*-725.35*	
		For >25 To 50 Tons, Deduct	*-1,493.37*	
		For >50 Tons, Deduct	*-2,133.39*	
05 12 23 00-0032	TON	>65-100 LB/LF Combination Section - W Shapes And Angles	6,830.59	457.59
		For ASTM A242 Type 2 High Strength Steel, Add	*507.40*	
		For Hot Dip Galvanizing, Add	*1,775.90*	
		For >10 To 25 Tons, Deduct	*-539.11*	
		For >25 To 50 Tons, Deduct	*-1,109.94*	
		For >50 Tons, Deduct	*-1,585.63*	
05 12 23 00-0033	TON	>100-300 LB/LF Combination Section - W Shapes And Angles	5,933.58	243.56
		For ASTM A242 Type 2 High Strength Steel, Add	*453.89*	
		For Hot Dip Galvanizing, Add	*1,588.63*	
		For >10 To 25 Tons, Deduct	*-482.26*	
		For >25 To 50 Tons, Deduct	*-992.89*	
		For >50 Tons, Deduct	*-1,418.42*	
05 12 23 00-0034	TON	>300-500 LB/LF Combination Section - W Shapes And Angles	5,134.99	122.27
		For ASTM A242 Type 2 High Strength Steel, Add	*400.39*	
		For Hot Dip Galvanizing, Add	*1,401.35*	
		For >10 To 25 Tons, Deduct	*-425.41*	
		For >25 To 50 Tons, Deduct	*-875.85*	
		For >50 Tons, Deduct	*-1,251.21*	

05 12 23 00-0035 Combination Section, S Shapes And Angles *(05 12 23 00-0028)*

05 12 23 00-0036	TON	>30-65 LB/LF Combination Section - S Shapes And Angles	9,032.26	813.40
		For ASTM A242 Type 2 High Strength Steel, Add	*653.16*	
		For Hot Dip Galvanizing, Add	*2,286.07*	
		For >10 To 25 Tons, Deduct	*-693.99*	
		For >25 To 50 Tons, Deduct	*-1,428.79*	
		For >50 Tons, Deduct	*-2,041.14*	
05 12 23 00-0037	TON	>65-100 LB/LF Combination Section - S Shapes And Angles	6,853.66	457.59
		For ASTM A242 Type 2 High Strength Steel, Add	*509.25*	
		For Hot Dip Galvanizing, Add	*1,782.36*	
		For >10 To 25 Tons, Deduct	*-541.07*	
		For >25 To 50 Tons, Deduct	*-1,113.97*	
		For >50 Tons, Deduct	*-1,591.39*	

05 12 23 00-0038 Combination Section, Channels And Angles *(05 12 23 00-0028)*

05 12 23 00-0039	TON	Up To 30 LB/LF Combination Section - Channels And Angles	13,673.70	1,372.75
		For ASTM A242 Type 2 High Strength Steel, Add	*885.64*	
		For Hot Dip Galvanizing, Add	*3,099.76*	
		For >10 To 25 Tons, Deduct	*-941.00*	
		For >25 To 50 Tons, Deduct	*-1,937.35*	
		For >50 Tons, Deduct	*-2,767.64*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0040	TON	>30-65 LB/LF Combination Section - Channels And Angles	9,862.55	813.40
		For ASTM A242 Type 2 High Strength Steel, Add	*719.59*	
		For Hot Dip Galvanizing, Add	*2,518.55*	
		For >10 To 25 Tons, Deduct	*-764.56*	
		For >25 To 50 Tons, Deduct	*-1,574.10*	
		For >50 Tons, Deduct	*-2,248.71*	
05 12 23 00-0041	TON	>65-100 LB/LF Combination Section - Channels And Angles	7,015.11	457.59
		For ASTM A242 Type 2 High Strength Steel, Add	*522.16*	
		For Hot Dip Galvanizing, Add	*1,827.57*	
		For >10 To 25 Tons, Deduct	*-554.80*	
		For >25 To 50 Tons, Deduct	*-1,142.23*	
		For >50 Tons, Deduct	*-1,631.76*	

05 12 23 00-0042 Standard Weight Pipe *(05 12 23 00-0001)*

05 12 23 00-0043	TON	1/2" To 5" Diameter Standard Weight Pipe	7,976.80	732.13
		For ASTM A242 Type 2 High Strength Steel, Add	*575.67*	
		For Hot Dip Galvanizing, Add	*2,014.84*	
		For >10 To 25 Tons, Deduct	*-611.65*	
		For >25 To 50 Tons, Deduct	*-1,259.28*	
		For >50 Tons, Deduct	*-1,798.97*	
05 12 23 00-0044	TON	>5" To 12" Diameter Standard Weight Pipe	8,494.93	915.16
		For ASTM A242 Type 2 High Strength Steel, Add	*601.50*	
		For Hot Dip Galvanizing, Add	*2,105.25*	
		For >10 To 25 Tons, Deduct	*-639.09*	
		For >25 To 50 Tons, Deduct	*-1,315.78*	
		For >50 Tons, Deduct	*-1,879.69*	

05 12 23 00-0045 Temporary Steel Support For Structures *(05 12 23 00-0001)*

Note: Includes removal after use.

05 12 23 00-0046	TON	Up To 30 LB/LF Temporary Steel Support For Structures Note: For all stock sections.	11,067.51
05 12 23 00-0047	TON	>30 LB/LF Temporary Steel Support For Structures Note: For all stock sections.	7,814.51

05 12 23 00-0048 Structural Steel Shapes *(05 12 23)*

Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0131 for field fabrication of additional structural metal connections.

05 12 23 00-0049 Steel Rods *(05 12 23 00-0048)*

05 12 23 00-0050	TON	1/2" To 5" Diameter Extra Strong Steel, Solid	8,636.26	572.04
		For ASTM A242 Type 2 High Strength Steel, Add	*642.09*	
		For Hot Dip Galvanizing, Add	*2,247.32*	
		For >10 To 25 Tons, Deduct	*-682.22*	
		For >25 To 50 Tons, Deduct	*-1,404.58*	
		For >50 Tons, Deduct	*-2,006.54*	
05 12 23 00-0051	TON	>5" To 12" Diameter Extra Strong Steel, Solid	9,862.55	813.40
		For ASTM A242 Type 2 High Strength Steel, Add	*719.59*	
		For Hot Dip Galvanizing, Add	*2,518.55*	
		For >10 To 25 Tons, Deduct	*-764.56*	
		For >25 To 50 Tons, Deduct	*-1,574.10*	
		For >50 Tons, Deduct	*-2,248.71*	

05 12 23 00-0052 Column Base Plates *(05 12 23 00-0048)*

05 12 23 00-0053	LB	Column Base Plates, Up To 150 LB / Each, A36 Miscellaneous Steel Items	4.24	0.74
		For ASTM A242 Type 2 High Strength Steel, Add	*0.28*	
		For Hot Dip Galvanizing, Add	*0.97*	
05 12 23 00-0054	LB	Column Base Plates, >150 LB / Each, A36 Miscellaneous Steel Items	3.99	0.62
		For ASTM A242 Type 2 High Strength Steel, Add	*0.26*	
		For Hot Dip Galvanizing, Add	*0.92*	
05 12 23 00-0055	TON	Column Base Plates, Up To 150 LB Each, A36 Miscellaneous Steel Items	7,831.44	653.41
		For ASTM A242 Type 2 High Strength Steel, Add	*570.76*	
		For Hot Dip Galvanizing, Add	*1,997.65*	
		For >10 To 25 Tons, Deduct	*-606.43*	
		For >25 To 50 Tons, Deduct	*-1,248.53*	
		For >50 Tons, Deduct	*-1,783.62*	
05 12 23 00-0056	TON	Column Base Plates, >150 LB Each, A36 Miscellaneous Steel Items	5,578.45	392.05
		For ASTM A242 Type 2 High Strength Steel, Add	*412.82*	
		For Hot Dip Galvanizing, Add	*1,444.87*	
		For >10 To 25 Tons, Deduct	*-438.62*	
		For >25 To 50 Tons, Deduct	*-903.05*	
		For >50 Tons, Deduct	*-1,290.07*	

05 12 23 00-0057 Double Extra Strong Pipes *(05 12 23 00-0048)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0058	TON	2" To 5" Diameter Double Extra Strong Pipe	10,294.98	1,045.85
		For ASTM A242 Type 2 High Strength Steel, Add	*734.35*	
		For Hot Dip Galvanizing, Add	*2,570.22*	
		For >10 To 25 Tons, Deduct	*-780.24*	
		For >25 To 50 Tons, Deduct	*-1,606.38*	
		For >50 Tons, Deduct	*-2,294.84*	
05 12 23 00-0059	TON	>5" To 8" Diameter Double Extra Strong Pipe	9,780.07	563.13
		For ASTM A242 Type 2 High Strength Steel, Add	*734.35*	
		For Hot Dip Galvanizing, Add	*2,570.22*	
		For >10 To 25 Tons, Deduct	*-780.24*	
		For >25 To 50 Tons, Deduct	*-1,606.38*	
		For >50 Tons, Deduct	*-2,294.84*	

05 12 23 00-0060 Structural Pipes *(05 12 23 00-0048)*

05 12 23 00-0061	TON	3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	7,201.30	483.21
		For ASTM A242 Type 2 High Strength Steel, Add	*516.63*	
		For Hot Dip Galvanizing, Add	*1,808.19*	
		For >10 To 25 Tons, Deduct	*-548.92*	
		For >25 To 50 Tons, Deduct	*-1,130.12*	
		For >50 Tons, Deduct	*-1,614.46*	
05 12 23 00-0062	TON	>5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	7,687.27	557.28
		For ASTM A242 Type 2 High Strength Steel, Add	*516.63*	
		For Hot Dip Galvanizing, Add	*1,808.19*	
		For >10 To 25 Tons, Deduct	*-548.92*	
		For >25 To 50 Tons, Deduct	*-1,130.12*	
		For >50 Tons, Deduct	*-1,614.46*	

05 12 23 00-0063 Structural Tubing *(05 12 23 00-0048)*

05 12 23 00-0064 Rectangle Structural Tubing *(05 12 23 00-0063)*

05 12 23 00-0065	TON	3" x 2" Weight Range 5-7 LB/LF Structural Tubing - Rectangle	12,052.46	488.09
		For ASTM A242 Type 2 High Strength Steel, Add	*922.55*	
		For Hot Dip Galvanizing, Add	*3,228.91*	
		For >10 To 25 Tons, Deduct	*-980.21*	
		For >25 To 50 Tons, Deduct	*-2,018.07*	
		For >50 Tons, Deduct	*-2,882.96*	
05 12 23 00-0066	TON	4" x 3", 2" Weight Range 6-13 LB/LF Structural Tubing - Rectangle	12,132.56	563.13
		For ASTM A242 Type 2 High Strength Steel, Add	*922.55*	
		For Hot Dip Galvanizing, Add	*3,228.91*	
		For >10 To 25 Tons, Deduct	*-980.21*	
		For >25 To 50 Tons, Deduct	*-2,018.07*	
		For >50 Tons, Deduct	*-2,882.96*	
05 12 23 00-0067	TON	5" x 4", 3", 2" Weight Range 8-20 LB/LF Structural Tubing - Rectangle	10,568.15	610.11
		For ASTM A242 Type 2 High Strength Steel, Add	*793.39*	
		For Hot Dip Galvanizing, Add	*2,776.86*	
		For >10 To 25 Tons, Deduct	*-842.98*	
		For >25 To 50 Tons, Deduct	*-1,735.54*	
		For >50 Tons, Deduct	*-2,479.34*	
05 12 23 00-0068	TON	6" x 4", 3", 2" Weight Range 9-29 LB/LF Structural Tubing - Rectangle	10,006.40	732.13
		For ASTM A242 Type 2 High Strength Steel, Add	*738.04*	
		For Hot Dip Galvanizing, Add	*2,583.13*	
		For >10 To 25 Tons, Deduct	*-784.16*	
		For >25 To 50 Tons, Deduct	*-1,614.46*	
		For >50 Tons, Deduct	*-2,306.37*	
05 12 23 00-0069	TON	7" x 5", 4", 3" Weight Range 12-35 LB/LF Structural Tubing - Rectangle	9,823.50	813.40
		For ASTM A242 Type 2 High Strength Steel, Add	*716.46*	
		For Hot Dip Galvanizing, Add	*2,507.62*	
		For >10 To 25 Tons, Deduct	*-761.24*	
		For >25 To 50 Tons, Deduct	*-1,567.26*	
		For >50 Tons, Deduct	*-2,238.95*	
05 12 23 00-0070	TON	8" x 6", 4", 3", 2" Weight Range 11-42 LB/LF Structural Tubing - Rectangle	9,945.38	1,125.65
		For ASTM A242 Type 2 High Strength Steel, Add	*699.57*	
		For Hot Dip Galvanizing, Add	*2,448.51*	
		For >10 To 25 Tons, Deduct	*-743.30*	
		For >25 To 50 Tons, Deduct	*-1,530.32*	
		For >50 Tons, Deduct	*-2,186.17*	
05 12 23 00-0071	TON	10" x 6", 4", 2" Weight Range 15-50 LB/LF Structural Tubing - Rectangle	10,305.34	1,488.06
		For ASTM A242 Type 2 High Strength Steel, Add	*697.44*	
		For Hot Dip Galvanizing, Add	*2,441.06*	
		For >10 To 25 Tons, Deduct	*-741.04*	
		For >25 To 50 Tons, Deduct	*-1,525.66*	
		For >50 Tons, Deduct	*-2,179.52*	
05 12 23 00-0072	TON	12" x 6", 4", 2" Weight Range 17-76 LB/LF Structural Tubing - Rectangle	10,544.21	1,625.46
		For ASTM A242 Type 2 High Strength Steel, Add	*704.83*	
		For Hot Dip Galvanizing, Add	*2,466.89*	
		For >10 To 25 Tons, Deduct	*-748.88*	
		For >25 To 50 Tons, Deduct	*-1,541.81*	
		For >50 Tons, Deduct	*-2,202.58*	
05 12 23 00-0073	TON	14" x 10", 6", 4" Weight Range 29-76 LB/LF Structural Tubing - Rectangle	10,762.67	1,830.33
		For ASTM A242 Type 2 High Strength Steel, Add	*704.83*	
		For Hot Dip Galvanizing, Add	*2,466.89*	
		For >10 To 25 Tons, Deduct	*-748.88*	
		For >25 To 50 Tons, Deduct	*-1,541.81*	
		For >50 Tons, Deduct	*-2,202.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0074	TON	16" x 12", 8", 4" Weight Range 40-90 LB/LF Structural Tubing - Rectangle	11,321.20	2,440.45
		For ASTM A242 Type 2 High Strength Steel, Add	*697.44*	
		For Hot Dip Galvanizing, Add	*2,441.06*	
		For >10 To 25 Tons, Deduct	*-741.04*	
		For >25 To 50 Tons, Deduct	*-1,525.66*	
		For >50 Tons, Deduct	*-2,179.52*	
05 12 23 00-0075	TON	18" x 6", 4" Weight Range 48-76 LB/LF Structural Tubing - Rectangle	12,589.02	3,845.28
		For ASTM A242 Type 2 High Strength Steel, Add	*678.99*	
		For Hot Dip Galvanizing, Add	*2,376.48*	
		For >10 To 25 Tons, Deduct	*-721.43*	
		For >25 To 50 Tons, Deduct	*-1,485.30*	
		For >50 Tons, Deduct	*-2,121.86*	
05 12 23 00-0076	TON	20" x 12", 8", 4" Weight Range 48-105 LB/LF Structural Tubing - Rectangle	14,093.08	5,614.61
		For ASTM A242 Type 2 High Strength Steel, Add	*648.34*	
		For Hot Dip Galvanizing, Add	*2,269.19*	
		For >10 To 25 Tons, Deduct	*-688.86*	
		For >25 To 50 Tons, Deduct	*-1,418.25*	
		For >50 Tons, Deduct	*-2,026.07*	
05 12 23 00-0077		Square Structural Tubing *(05 12 23 00-0063)*		
05 12 23 00-0078	TON	2" x 2" Weight Range 4-6 LB/LF Structural Tubing - Square	12,019.92	457.59
		For ASTM A242 Type 2 High Strength Steel, Add	*922.55*	
		For Hot Dip Galvanizing, Add	*3,228.91*	
		For >10 To 25 Tons, Deduct	*-980.21*	
		For >25 To 50 Tons, Deduct	*-2,018.07*	
		For >50 Tons, Deduct	*-2,882.96*	
05 12 23 00-0079	TON	2.5" x 2.5" Weight Range 5-8 LB/LF Structural Tubing - Square	12,052.46	488.09
		For ASTM A242 Type 2 High Strength Steel, Add	*922.55*	
		For Hot Dip Galvanizing, Add	*3,228.91*	
		For >10 To 25 Tons, Deduct	*-980.21*	
		For >25 To 50 Tons, Deduct	*-2,018.07*	
		For >50 Tons, Deduct	*-2,882.96*	
05 12 23 00-0080	TON	3" x 3" Weight Range 6-11 LB/LF Structural Tubing - Square	10,798.79	610.11
		For ASTM A242 Type 2 High Strength Steel, Add	*811.84*	
		For Hot Dip Galvanizing, Add	*2,841.44*	
		For >10 To 25 Tons, Deduct	*-862.58*	
		For >25 To 50 Tons, Deduct	*-1,775.90*	
		For >50 Tons, Deduct	*-2,537.00*	
05 12 23 00-0081	TON	3.5" x 3.5" Weight Range 8-13 LB/LF Structural Tubing - Square	10,698.31	732.13
		For ASTM A242 Type 2 High Strength Steel, Add	*793.39*	
		For Hot Dip Galvanizing, Add	*2,776.86*	
		For >10 To 25 Tons, Deduct	*-842.98*	
		For >25 To 50 Tons, Deduct	*-1,735.54*	
		For >50 Tons, Deduct	*-2,479.34*	
05 12 23 00-0082	TON	4" x 4" Weight Range 10-22 LB/LF Structural Tubing - Square	8,541.06	915.16
		For ASTM A242 Type 2 High Strength Steel, Add	*605.19*	
		For Hot Dip Galvanizing, Add	*2,118.17*	
		For >10 To 25 Tons, Deduct	*-643.01*	
		For >25 To 50 Tons, Deduct	*-1,323.85*	
		For >50 Tons, Deduct	*-1,891.22*	
05 12 23 00-0083	TON	5" x 5" Weight Range 12-30 LB/LF Structural Tubing - Square	8,680.52	1,045.85
		For ASTM A242 Type 2 High Strength Steel, Add	*605.19*	
		For Hot Dip Galvanizing, Add	*2,118.17*	
		For >10 To 25 Tons, Deduct	*-643.01*	
		For >25 To 50 Tons, Deduct	*-1,323.85*	
		For >50 Tons, Deduct	*-1,891.22*	
05 12 23 00-0084	TON	6" x 6" Weight Range 15-35 LB/LF Structural Tubing - Square	9,126.77	1,464.26
		For ASTM A242 Type 2 High Strength Steel, Add	*605.19*	
		For Hot Dip Galvanizing, Add	*2,118.17*	
		For >10 To 25 Tons, Deduct	*-643.01*	
		For >25 To 50 Tons, Deduct	*-1,323.85*	
		For >50 Tons, Deduct	*-1,891.22*	
05 12 23 00-0085	TON	7" x 7" Weight Range 17-42 LB/LF Structural Tubing - Square	9,655.61	1,830.33
		For ASTM A242 Type 2 High Strength Steel, Add	*616.26*	
		For Hot Dip Galvanizing, Add	*2,156.91*	
		For >10 To 25 Tons, Deduct	*-654.78*	
		For >25 To 50 Tons, Deduct	*-1,348.07*	
		For >50 Tons, Deduct	*-1,925.82*	
05 12 23 00-0086	TON	8" x 8" Weight Range 20-60 LB/LF Structural Tubing - Square	11,551.84	2,440.45
		For ASTM A242 Type 2 High Strength Steel, Add	*715.90*	
		For Hot Dip Galvanizing, Add	*2,505.64*	
		For >10 To 25 Tons, Deduct	*-760.64*	
		For >25 To 50 Tons, Deduct	*-1,566.02*	
		For >50 Tons, Deduct	*-2,237.18*	
05 12 23 00-0087	TON	10" x 10" Weight Range 33-77 LB/LF Structural Tubing - Square	12,853.41	3,660.67
		For ASTM A242 Type 2 High Strength Steel, Add	*715.90*	
		For Hot Dip Galvanizing, Add	*2,505.64*	
		For >10 To 25 Tons, Deduct	*-760.64*	
		For >25 To 50 Tons, Deduct	*-1,566.02*	
		For >50 Tons, Deduct	*-2,237.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0088	TON	12" x 12" Weight Range 40-80 LB/LF Structural Tubing - Square	12,286.25	4,296.53
		For ASTM A242 Type 2 High Strength Steel, Add	*616.26*	
		For Hot Dip Galvanizing, Add	*2,156.91*	
		For >10 To 25 Tons, Deduct	*-654.78*	
		For >25 To 50 Tons, Deduct	*-1,348.07*	
		For >50 Tons, Deduct	*-1,925.82*	
05 12 23 00-0089	TON	14" x 14" Weight Range 57-90 LB/LF Structural Tubing - Square	14,753.01	5,614.61
		For ASTM A242 Type 2 High Strength Steel, Add	*701.14*	
		For Hot Dip Galvanizing, Add	*2,453.97*	
		For >10 To 25 Tons, Deduct	*-744.96*	
		For >25 To 50 Tons, Deduct	*-1,533.73*	
		For >50 Tons, Deduct	*-2,191.05*	
05 12 23 00-0090	TON	16" x 16" Weight Range 65-105 LB/LF Structural Tubing - Square	16,758.12	7,321.34
		For ASTM A242 Type 2 High Strength Steel, Add	*715.90*	
		For Hot Dip Galvanizing, Add	*2,505.64*	
		For >10 To 25 Tons, Deduct	*-760.64*	
		For >25 To 50 Tons, Deduct	*-1,566.02*	
		For >50 Tons, Deduct	*-2,237.18*	

05 12 23 00-0091 Galvanized Steel Pipe Tubing *(05 12 23 00-0063)*

Note: ASTM A53 Grade B

05 12 23 00-0092	LF	2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	44.11	5.34
05 12 23 00-0093	LF	2-1/2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	48.45	6.36
05 12 23 00-0094	LF	3" Diameter Galvanized Steel Pipe Tubing, Standard Weight	53.77	8.44
05 12 23 00-0095	LF	3-1/2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	58.02	9.40
05 12 23 00-0096	LF	4" Diameter Galvanized Steel Pipe Tubing, Standard Weight	60.69	10.17
05 12 23 00-0097	LF	5" Diameter Galvanized Steel Pipe Tubing, Standard Weight	68.08	12.70
05 12 23 00-0098	LF	6" Diameter Galvanized Steel Pipe Tubing, Standard Weight	75.46	15.24
05 12 23 00-0099	LF	8" Diameter Galvanized Steel Pipe Tubing, Standard Weight	82.72	18.29
05 12 23 00-0100	LF	10" Diameter Galvanized Steel Pipe Tubing, Standard Weight	93.16	22.36
05 12 23 00-0101	LF	12" Diameter Galvanized Steel Pipe Tubing, Standard Weight	109.69	28.46

05 12 23 00-0102 Structural Shapes *(05 12 23 00-0048)*

05 12 23 00-0103	TON	Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts (Up To 20 LB/LF)	8,318.22	2,613.67
		For ASTM A242 Type 2 High Strength Steel, Add	*333.56*	
		For Hot Dip Galvanizing, Add	*1,167.47*	
		For >20 To 50 LB/LF, Deduct	*-1,039.26*	
		For >50 To 75 LB/LF, Deduct	*-1,662.60*	
		For >75 To 100 LB/LF, Deduct	*-2,285.94*	
		For >10 To 25 Tons, Deduct	*-354.41*	
		For >25 To 50 Tons, Deduct	*-729.67*	
		For >50 Tons, Deduct	*-1,042.39*	
05 12 23 00-0104	TON	Structural Shapes, Steel Plate A36 Structural Steel Note: Up to 21.5 LB per SF	8,770.78	1,045.47
		For ASTM A242 Type 2 High Strength Steel, Add	*590.44*	
		For Hot Dip Galvanizing, Add	*2,066.55*	
		For >21.5 To 50 LB/LF, Deduct	*-946.59*	
		For >10 To 25 Tons, Deduct	*-627.35*	
		For >25 To 50 Tons, Deduct	*-1,291.59*	
		For >50 Tons, Deduct	*-1,845.13*	
05 12 23 00-0105	LB	Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF)	5.13	0.23
05 12 23 00-0106	LB	Structural Shapes, Galvanized Pipe Supports	6.28	0.23

05 12 23 00-0107 Built-Up Trusses *(05 12 23 00-0048)*

05 12 23 00-0108	TON	Up To 50 LF Span Average Weight 100 LB/LF Trusses, Built-up	9,777.38	366.07
		For >10 To 25 Tons, Deduct	*-797.89*	
		For >25 To 50 Tons, Deduct	*-1,642.71*	
		For >50 Tons, Deduct	*-2,346.73*	
05 12 23 00-0109	TON	>50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up	9,696.09	203.29
		For >10 To 25 Tons, Deduct	*-805.73*	
		For >25 To 50 Tons, Deduct	*-1,658.85*	
		For >50 Tons, Deduct	*-2,369.79*	
05 12 23 00-0110	TON	>100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up	8,648.41	107.62
		For >10 To 25 Tons, Deduct	*-725.35*	
		For >25 To 50 Tons, Deduct	*-1,493.37*	
		For >50 Tons, Deduct	*-2,133.39*	
05 12 23 00-0111	TON	>200 LF Span Average Weight 180 LB/LF Trusses, Built-up	8,411.39	101.77
		For >10 To 25 Tons, Deduct	*-705.75*	
		For >25 To 50 Tons, Deduct	*-1,453.01*	
		For >50 Tons, Deduct	*-2,075.73*	

05 12 23 00-0112 Masonry Plates, Filler Plates, Sole Plates And Anchor Straps *(05 12 23 00-0048)*

Note: Includes shop fabrication, welds, drilling and shop primer.

05 12 23 00-0113	SF	1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	31.42	7.53
05 12 23 00-0114	SF	3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	47.13	11.26
05 12 23 00-0115	SF	1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	62.85	15.01
05 12 23 00-0116	SF	5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	78.56	18.76
05 12 23 00-0117	SF	3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	94.26	22.40
05 12 23 00-0118	SF	7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	109.97	26.26
05 12 23 00-0119	SF	1" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	125.68	30.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0120	SF	1-1/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	141.39	33.77
05 12 23 00-0121	SF	1-1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	157.10	37.52
05 12 23 00-0122	SF	1-3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	172.82	41.27
05 12 23 00-0123	SF	1-1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	188.53	45.03
05 12 23 00-0124	SF	1-5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	204.24	48.78
05 12 23 00-0125	SF	1-3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	219.96	52.52
05 12 23 00-0126	SF	1-7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	235.67	56.28
05 12 23 00-0127	SF	2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	251.37	60.03

05 12 23 00-0128 Accessories For Steel *(05 12 23)*

05 12 23 00-0129 Field Painting For Touch-Up Of Shop Prime Coat *(05 12 23 00-0128)*

05 12 23 00-0130	SF	Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat	1.23	

05 12 23 00-0131 Connection And Stiffener Plates *(05 12 23 00-0128)*

Note: For field fabrication of additional structural metal connections.

05 12 23 00-0132	TON	1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates	21,306.86	
		For >10 To 25 Tons, Deduct	*-1,811.08*	
		For >25 To 50 Tons, Deduct	*-3,728.70*	
		For >50 Tons, Deduct	*-5,326.72*	
05 12 23 00-0133	TON	3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates	18,178.92	
		For >10 To 25 Tons, Deduct	*-1,545.21*	
		For >25 To 50 Tons, Deduct	*-3,181.31*	
		For >50 Tons, Deduct	*-4,544.73*	
05 12 23 00-0134	TON	1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates	14,058.13	
		For >10 To 25 Tons, Deduct	*-1,194.94*	
		For >25 To 50 Tons, Deduct	*-2,460.17*	
		For >50 Tons, Deduct	*-3,514.53*	
05 12 23 00-0135	TON	5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates	14,058.13	
		For >10 To 25 Tons, Deduct	*-1,194.94*	
		For >25 To 50 Tons, Deduct	*-2,460.17*	
		For >50 Tons, Deduct	*-3,514.53*	
05 12 23 00-0136	TON	3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates	14,058.13	
		For >10 To 25 Tons, Deduct	*-1,194.94*	
		For >25 To 50 Tons, Deduct	*-2,460.17*	
		For >50 Tons, Deduct	*-3,514.53*	
05 12 23 00-0137	TON	1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates	14,058.13	
		For >10 To 25 Tons, Deduct	*-1,194.94*	
		For >25 To 50 Tons, Deduct	*-2,460.17*	
		For >50 Tons, Deduct	*-3,514.53*	
05 12 23 00-0138	TON	9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates	14,058.13	
		For >10 To 25 Tons, Deduct	*-1,194.94*	
		For >25 To 50 Tons, Deduct	*-2,460.17*	
		For >50 Tons, Deduct	*-3,514.53*	
05 12 23 00-0139	TON	5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates	14,058.13	
		For >10 To 25 Tons, Deduct	*-1,194.94*	
		For >25 To 50 Tons, Deduct	*-2,460.17*	
		For >50 Tons, Deduct	*-3,514.53*	
05 12 23 00-0140	TON	3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates	13,179.50	
		For >10 To 25 Tons, Deduct	*-1,120.26*	
		For >25 To 50 Tons, Deduct	*-2,306.41*	
		For >50 Tons, Deduct	*-3,294.88*	
05 12 23 00-0141	TON	7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates	13,179.50	
		For >10 To 25 Tons, Deduct	*-1,120.26*	
		For >25 To 50 Tons, Deduct	*-2,306.41*	
		For >50 Tons, Deduct	*-3,294.88*	
05 12 23 00-0142	TON	1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates	13,179.50	
		For >10 To 25 Tons, Deduct	*-1,120.26*	
		For >25 To 50 Tons, Deduct	*-2,306.41*	
		For >50 Tons, Deduct	*-3,294.88*	

05 12 23 00-0143 Field Applied Cold Galvanizing *(05 12 23 00-0128)*

05 12 23 00-0144	SF	Brush Applied Cold Galvanizing	1.69	

05 12 23 00-0145 Metal Grinding *(05 12 23 00-0128)*

Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.

05 12 23 00-0146	SI	Metal Grinding Up To 1/32" Thickness To Be Removed Note: Includes rust or scale removal on metal and smoothing surface.	0.95	

05 12 23 00-0147 Structural Steel For Buildings And Structures *(05 12 23)*

Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding.

05 12 23 00-0148 First Tier A992/A36 Structural Steel Columns, W Shapes *(05 12 23 00-0147)*

Note: With base plate. Includes material delivery and erection.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0149	LF	W14 x 730 A992/A36 Structural Column	1,644.84	72.50
		For Hot Dip Galvanizing, Add	*435.00*	
		For High Strength Low Alloy A572-50 Steel, Add	*148.04*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*328.97*	
05 12 23 00-0150	LF	W14 x 665 A992/A36 Structural Column	1,500.02	67.57
		For Hot Dip Galvanizing, Add	*396.27*	
		For High Strength Low Alloy A572-50 Steel, Add	*135.00*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*300.00*	
05 12 23 00-0151	LF	W14 x 605 A992/A36 Structural Column	1,366.21	62.89
		For Hot Dip Galvanizing, Add	*360.51*	
		For High Strength Low Alloy A572-50 Steel, Add	*122.96*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*273.24*	
05 12 23 00-0152	LF	W14 x 550 A992/A36 Structural Column	1,243.41	58.50
		For Hot Dip Galvanizing, Add	*327.74*	
		For High Strength Low Alloy A572-50 Steel, Add	*111.91*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*248.68*	
05 12 23 00-0153	LF	W14 x 500 A992/A36 Structural Column	1,141.38	63.45
		For Hot Dip Galvanizing, Add	*297.94*	
		For High Strength Low Alloy A572-50 Steel, Add	*102.72*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*228.28*	
05 12 23 00-0154	LF	W14 x 426 A992/A36 Structural Column	973.81	55.40
		For Hot Dip Galvanizing, Add	*253.85*	
		For High Strength Low Alloy A572-50 Steel, Add	*87.64*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*194.76*	
05 12 23 00-0155	LF	W14 x 342 A992/A36 Structural Column	787.31	47.95
		For Hot Dip Galvanizing, Add	*204.30*	
		For High Strength Low Alloy A572-50 Steel, Add	*70.86*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*157.46*	
05 12 23 00-0156	LF	W14 x 311 A992/A36 Structural Column	709.05	44.78
		For Hot Dip Galvanizing, Add	*183.50*	
		For High Strength Low Alloy A572-50 Steel, Add	*63.81*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*141.81*	
05 12 23 00-0157	LF	W14 x 283 A992/A36 Structural Column	643.51	42.22
		For Hot Dip Galvanizing, Add	*166.09*	
		For High Strength Low Alloy A572-50 Steel, Add	*57.92*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*128.70*	
05 12 23 00-0158	LF	W14 x 257 A992/A36 Structural Column	565.51	40.03
		For Hot Dip Galvanizing, Add	*145.09*	
		For High Strength Low Alloy A572-50 Steel, Add	*50.90*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*113.10*	
05 12 23 00-0159	LF	W14 x 233 A992/A36 Structural Column	520.40	37.21
		For Hot Dip Galvanizing, Add	*133.41*	
		For High Strength Low Alloy A572-50 Steel, Add	*46.84*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*104.08*	
05 12 23 00-0160	LF	W14 x 211 A992/A36 Structural Column	462.82	34.65
		For Hot Dip Galvanizing, Add	*118.17*	
		For High Strength Low Alloy A572-50 Steel, Add	*41.65*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*92.56*	
05 12 23 00-0161	LF	W14 x 193 A992/A36 Structural Column	418.53	32.94
		For Hot Dip Galvanizing, Add	*106.39*	
		For High Strength Low Alloy A572-50 Steel, Add	*37.67*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*83.71*	
05 12 23 00-0162	LF	W14 x 176 A992/A36 Structural Column	377.16	31.48
		For Hot Dip Galvanizing, Add	*95.35*	
		For High Strength Low Alloy A572-50 Steel, Add	*33.94*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*75.43*	
05 12 23 00-0163	LF	W14 x 159 A992/A36 Structural Column	340.94	30.38
		For Hot Dip Galvanizing, Add	*85.64*	
		For High Strength Low Alloy A572-50 Steel, Add	*30.68*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*68.19*	
05 12 23 00-0164	LF	W14 x 145 A992/A36 Structural Column	329.48	29.40
		For Hot Dip Galvanizing, Add	*82.73*	
		For High Strength Low Alloy A572-50 Steel, Add	*29.65*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*65.90*	
05 12 23 00-0165	LF	W14 x 132 A992/A36 Structural Column	281.65	28.06
		For Hot Dip Galvanizing, Add	*69.86*	
		For High Strength Low Alloy A572-50 Steel, Add	*25.35*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*56.33*	
05 12 23 00-0166	LF	W14 x 120 A992/A36 Structural Column	264.03	27.34
		For Hot Dip Galvanizing, Add	*65.18*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.76*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*52.81*	
05 12 23 00-0167	LF	W14 x 109 A992/A36 Structural Column	236.34	26.24
		For Hot Dip Galvanizing, Add	*57.83*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.27*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*47.27*	
05 12 23 00-0168	LF	W14 x 99 A992/A36 Structural Column	215.59	25.50
		For Hot Dip Galvanizing, Add	*52.31*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.40*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*43.12*	
05 12 23 00-0169	LF	W14 x 90 A992/A36 Structural Column	200.23	24.90
		For Hot Dip Galvanizing, Add	*48.22*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.02*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*40.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0170	LF	W14 x 82 A992/A36 Structural Column	184.39	24.16
		For Hot Dip Galvanizing, Add	*44.03*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.60*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*36.88*	
05 12 23 00-0171	LF	W14 x 74 A992/A36 Structural Column	166.44	23.55
		For Hot Dip Galvanizing, Add	*39.24*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.98*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*33.29*	
05 12 23 00-0172	LF	W14 x 68 A992/A36 Structural Column	155.41	23.18
		For Hot Dip Galvanizing, Add	*36.29*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.99*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*31.08*	
05 12 23 00-0173	LF	W14 x 61 A992/A36 Structural Column	141.65	22.58
		For Hot Dip Galvanizing, Add	*32.64*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.75*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.33*	
05 12 23 00-0174	LF	W14 x 53 A992/A36 Structural Column	128.96	21.96
		For Hot Dip Galvanizing, Add	*29.28*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.61*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.79*	
05 12 23 00-0175	LF	W14 x 48 A992/A36 Structural Column	120.77	21.60
		For Hot Dip Galvanizing, Add	*27.11*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.87*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.15*	
05 12 23 00-0176	LF	W14 x 43 A992/A36 Structural Column	108.92	21.23
		For Hot Dip Galvanizing, Add	*23.96*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.80*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.78*	
05 12 23 00-0177	LF	W12 x 336 A992/A36 Structural Column	750.11	32.29
		For Hot Dip Galvanizing, Add	*198.61*	
		For High Strength Low Alloy A572-50 Steel, Add	*67.51*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*150.02*	
05 12 23 00-0178	LF	W12 x 305 A992/A36 Structural Column	683.41	31.64
		For Hot Dip Galvanizing, Add	*180.28*	
		For High Strength Low Alloy A572-50 Steel, Add	*61.51*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*136.68*	
05 12 23 00-0179	LF	W12 x 279 A992/A36 Structural Column	627.61	31.26
		For Hot Dip Galvanizing, Add	*164.92*	
		For High Strength Low Alloy A572-50 Steel, Add	*56.48*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*125.52*	
05 12 23 00-0180	LF	W12 x 252 A992/A36 Structural Column	569.27	30.48
		For Hot Dip Galvanizing, Add	*148.96*	
		For High Strength Low Alloy A572-50 Steel, Add	*51.23*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*113.85*	
05 12 23 00-0181	LF	W12 x 230 A992/A36 Structural Column	521.95	30.04
		For Hot Dip Galvanizing, Add	*135.95*	
		For High Strength Low Alloy A572-50 Steel, Add	*46.98*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*104.39*	
05 12 23 00-0182	LF	W12 x 210 A992/A36 Structural Column	478.88	29.62
		For Hot Dip Galvanizing, Add	*124.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*43.10*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*95.78*	
05 12 23 00-0183	LF	W12 x 190 A992/A36 Structural Column	440.71	33.68
		For Hot Dip Galvanizing, Add	*112.31*	
		For High Strength Low Alloy A572-50 Steel, Add	*39.66*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*88.14*	
05 12 23 00-0184	LF	W12 x 170 A992/A36 Structural Column	398.16	32.70
		For Hot Dip Galvanizing, Add	*100.84*	
		For High Strength Low Alloy A572-50 Steel, Add	*35.83*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*79.63*	
05 12 23 00-0185	LF	W12 x 152 A992/A36 Structural Column	358.88	30.38
		For Hot Dip Galvanizing, Add	*90.61*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.30*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*71.78*	
05 12 23 00-0186	LF	W12 x 136 A992/A36 Structural Column	341.14	29.53
		For Hot Dip Galvanizing, Add	*85.93*	
		For High Strength Low Alloy A572-50 Steel, Add	*30.70*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*68.23*	
05 12 23 00-0187	LF	W12 x 120 A992/A36 Structural Column	258.05	27.08
		For Hot Dip Galvanizing, Add	*63.55*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.22*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*51.61*	
05 12 23 00-0188	LF	W12 x 106 A992/A36 Structural Column	237.76	26.24
		For Hot Dip Galvanizing, Add	*58.23*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.40*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*47.55*	
05 12 23 00-0189	LF	W12 x 96 A992/A36 Structural Column	212.63	25.38
		For Hot Dip Galvanizing, Add	*51.52*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.14*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*42.53*	
05 12 23 00-0190	LF	W12 x 87 A992/A36 Structural Column	196.08	24.52
		For Hot Dip Galvanizing, Add	*47.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.65*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*39.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0191	LF	W12 x 79 A992/A36 Structural Column	171.95	23.80
		For Hot Dip Galvanizing, Add	*40.67*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.48*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*34.39*	
05 12 23 00-0192	LF	W12 x 72 A992/A36 Structural Column	157.31	23.18
		For Hot Dip Galvanizing, Add	*36.78*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.16*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*31.46*	
05 12 23 00-0193	LF	W12 x 65 A992/A36 Structural Column	143.73	22.70
		For Hot Dip Galvanizing, Add	*33.18*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.94*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.75*	
05 12 23 00-0194	LF	W12 x 58 A992/A36 Structural Column	139.04	22.45
		For Hot Dip Galvanizing, Add	*31.95*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.51*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*27.81*	
05 12 23 00-0195	LF	W12 x 53 A992/A36 Structural Column	128.96	21.96
		For Hot Dip Galvanizing, Add	*29.28*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.61*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.79*	
05 12 23 00-0196	LF	W12 x 50 A992/A36 Structural Column	124.93	21.84
		For Hot Dip Galvanizing, Add	*28.20*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.24*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.99*	
05 12 23 00-0197	LF	W12 x 45 A992/A36 Structural Column	113.43	21.35
		For Hot Dip Galvanizing, Add	*25.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.21*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*22.69*	
05 12 23 00-0198	LF	W12 x 40 A992/A36 Structural Column	101.57	20.87
		For Hot Dip Galvanizing, Add	*21.99*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.14*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*20.31*	
05 12 23 00-0199	LF	W10 x 112 A992/A36 Structural Column	248.74	26.72
		For Hot Dip Galvanizing, Add	*61.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.39*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*49.75*	
05 12 23 00-0200	LF	W10 x 110 A992/A36 Structural Column	224.90	25.62
		For Hot Dip Galvanizing, Add	*54.82*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.24*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*44.98*	
05 12 23 00-0201	LF	W10 x 88 A992/A36 Structural Column	202.07	24.77
		For Hot Dip Galvanizing, Add	*48.76*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.19*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*40.41*	
05 12 23 00-0202	LF	W10 x 77 A992/A36 Structural Column	179.59	23.80
		For Hot Dip Galvanizing, Add	*42.79*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.16*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*35.92*	
05 12 23 00-0203	LF	W10 x 68 A992/A36 Structural Column	161.63	23.18
		For Hot Dip Galvanizing, Add	*38.01*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.55*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*32.33*	
05 12 23 00-0204	LF	W10 x 60 A992/A36 Structural Column	141.65	22.58
		For Hot Dip Galvanizing, Add	*32.64*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.75*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.33*	
05 12 23 00-0205	LF	W10 x 54 A992/A36 Structural Column	140.70	22.21
		For Hot Dip Galvanizing, Add	*32.44*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.66*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.14*	
05 12 23 00-0206	LF	W10 x 49 A992/A36 Structural Column	123.38	21.84
		For Hot Dip Galvanizing, Add	*27.81*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.10*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.68*	
05 12 23 00-0207	LF	W10 x 45 A992/A36 Structural Column	119.05	21.48
		For Hot Dip Galvanizing, Add	*26.67*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.71*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.81*	
05 12 23 00-0208	LF	W10 x 39 A992/A36 Structural Column	103.46	21.11
		For Hot Dip Galvanizing, Add	*22.48*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.31*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*20.69*	
05 12 23 00-0209	LF	W10 x 33 A992/A36 Structural Column	90.06	20.50
		For Hot Dip Galvanizing, Add	*18.93*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.11*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*18.01*	
05 12 23 00-0210	LF	W8 x 67 A992/A36 Structural Column	155.59	23.18
		For Hot Dip Galvanizing, Add	*36.34*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.00*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*31.12*	
05 12 23 00-0211	LF	W8 x 58 A992/A36 Structural Column	139.58	22.45
		For Hot Dip Galvanizing, Add	*32.10*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.56*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*27.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0212	LF	W8 x 48 A992/A36 Structural Column	124.80	21.84
		For Hot Dip Galvanizing, Add	*28.20*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.23*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.96*	
05 12 23 00-0213	LF	W8 x 40 A992/A36 Structural Column	106.97	21.23
		For Hot Dip Galvanizing, Add	*23.42*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.63*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.39*	
05 12 23 00-0214	LF	W8 x 35 A992/A36 Structural Column	96.53	20.74
		For Hot Dip Galvanizing, Add	*20.66*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.69*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.31*	
05 12 23 00-0215	LF	W8 x 31 A992/A36 Structural Column	88.11	20.50
		For Hot Dip Galvanizing, Add	*18.39*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.93*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.62*	
05 12 23 00-0216	LF	W8 x 28 A992/A36 Structural Column	82.89	20.26
		For Hot Dip Galvanizing, Add	*17.01*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.46*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.58*	
05 12 23 00-0217	LF	W8 x 24 A992/A36 Structural Column	76.60	20.01
		For Hot Dip Galvanizing, Add	*15.33*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.89*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.32*	
05 12 23 00-0218	LF	W8 x 21 A992/A36 Structural Column	72.45	19.89
		For Hot Dip Galvanizing, Add	*14.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.52*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.49*	
05 12 23 00-0219	LF	W8 x 18 A992/A36 Structural Column	64.57	19.52
		For Hot Dip Galvanizing, Add	*12.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.81*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.91*	
05 12 23 00-0220	LF	W6 x 25 A992/A36 Structural Column	80.51	20.01
		For Hot Dip Galvanizing, Add	*16.42*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.25*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.10*	
05 12 23 00-0221	LF	W6 x 20 A992/A36 Structural Column	67.89	19.65
		For Hot Dip Galvanizing, Add	*13.01*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.11*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.58*	
05 12 23 00-0222	LF	W6 x 15 A992/A36 Structural Column	58.04	19.03
		For Hot Dip Galvanizing, Add	*10.45*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.22*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.61*	
05 12 23 00-0223	LF	W6 x 12 A992/A36 Structural Column	54.31	19.03
		For Hot Dip Galvanizing, Add	*9.42*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.89*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.86*	
05 12 23 00-0224	LF	W6 x 9 A992/A36 Structural Column	49.57	18.91
		For Hot Dip Galvanizing, Add	*8.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.46*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.91*	
05 12 23 00-0225	LF	W5 x 19 A992/A36 Structural Column	66.83	19.65
		For Hot Dip Galvanizing, Add	*12.72*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.01*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.37*	
05 12 23 00-0226	LF	W5 x 16 A992/A36 Structural Column	61.42	19.52
		For Hot Dip Galvanizing, Add	*11.29*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.53*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.28*	
05 12 23 00-0227	LF	W4 x 13 A992/A36 Structural Column	57.45	19.28
		For Hot Dip Galvanizing, Add	*10.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.17*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.49*	

05 12 23 00-0228 A992/A36 Structural Steel Beams And Girders, W Shapes *(05 12 23 00-0147)*

Note: Includes material delivery and erection.

05 12 23 00-0229	LF	W36 x 300 A992/A36 Structural Beam Or Girder	589.12	79.39
		For Hot Dip Galvanizing, Add	*139.98*	
		For High Strength Low Alloy A572-50 Steel, Add	*53.02*	
		For High Strength Low Alloy A588 Steel, Add	*117.82*	
		For Each Additional Top Copes >2, Add	*5.04*	
		For Structural Tees, WT, MT Or ST, Deduct	*-193.49*	
		For Skewed Or Sloped Connections, Add	*70.69*	
05 12 23 00-0230	LF	W36 x 280 A992/A36 Structural Beam Or Girder	568.42	91.52
		For Hot Dip Galvanizing, Add	*130.65*	
		For High Strength Low Alloy A572-50 Steel, Add	*51.16*	
		For High Strength Low Alloy A588 Steel, Add	*113.68*	
		For Each Additional Top Copes >2, Add	*4.71*	
		For Structural Tees, WT, MT Or ST, Deduct	*-184.31*	
		For Skewed Or Sloped Connections, Add	*68.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0231	LF	W36 x 260 A992/A36 Structural Beam Or Girder	537.93	90.42
		For Hot Dip Galvanizing, Add	*122.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*48.41*	
		For High Strength Low Alloy A588 Steel, Add	*107.59*	
		For Each Additional Top Copes >2, Add	*4.42*	
		For Structural Tees, WT, MT Or ST, Deduct	*-173.82*	
		For Skewed Or Sloped Connections, Add	*64.55*	
05 12 23 00-0232	LF	W36 x 240 A992/A36 Structural Beam Or Girder	500.94	76.52
		For Hot Dip Galvanizing, Add	*116.36*	
		For High Strength Low Alloy A572-50 Steel, Add	*45.08*	
		For High Strength Low Alloy A588 Steel, Add	*100.19*	
		For Each Additional Top Copes >2, Add	*4.19*	
		For Structural Tees, WT, MT Or ST, Deduct	*-163.09*	
		For Skewed Or Sloped Connections, Add	*60.11*	
05 12 23 00-0233	LF	W36 x 230 A992/A36 Structural Beam Or Girder	484.62	77.61
		For Hot Dip Galvanizing, Add	*111.51*	
		For High Strength Low Alloy A572-50 Steel, Add	*43.62*	
		For High Strength Low Alloy A588 Steel, Add	*96.92*	
		For Each Additional Top Copes >2, Add	*4.02*	
		For Structural Tees, WT, MT Or ST, Deduct	*-157.20*	
		For Skewed Or Sloped Connections, Add	*58.15*	
05 12 23 00-0234	LF	W36 x 210 A992/A36 Structural Beam Or Girder	460.25	87.49
		For Hot Dip Galvanizing, Add	*101.81*	
		For High Strength Low Alloy A572-50 Steel, Add	*41.42*	
		For High Strength Low Alloy A588 Steel, Add	*92.05*	
		For Each Additional Top Copes >2, Add	*3.67*	
		For Structural Tees, WT, MT Or ST, Deduct	*-147.09*	
		For Skewed Or Sloped Connections, Add	*55.23*	
05 12 23 00-0235	LF	W36 x 194 A992/A36 Structural Beam Or Girder	433.53	74.22
		For Hot Dip Galvanizing, Add	*98.34*	
		For High Strength Low Alloy A572-50 Steel, Add	*39.02*	
		For High Strength Low Alloy A588 Steel, Add	*86.71*	
		For Each Additional Top Copes >2, Add	*3.54*	
		For Structural Tees, WT, MT Or ST, Deduct	*-139.86*	
		For Skewed Or Sloped Connections, Add	*52.02*	
05 12 23 00-0236	LF	W36 x 182 A992/A36 Structural Beam Or Girder	411.03	73.68
		For Hot Dip Galvanizing, Add	*92.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*36.99*	
		For High Strength Low Alloy A588 Steel, Add	*82.21*	
		For Each Additional Top Copes >2, Add	*3.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-132.07*	
		For Skewed Or Sloped Connections, Add	*49.32*	
05 12 23 00-0237	LF	W36 x 170 A992/A36 Structural Beam Or Girder	388.21	72.83
		For Hot Dip Galvanizing, Add	*86.17*	
		For High Strength Low Alloy A572-50 Steel, Add	*34.94*	
		For High Strength Low Alloy A588 Steel, Add	*77.64*	
		For Each Additional Top Copes >2, Add	*3.11*	
		For Structural Tees, WT, MT Or ST, Deduct	*-124.22*	
		For Skewed Or Sloped Connections, Add	*46.59*	
05 12 23 00-0238	LF	W36 x 160 A992/A36 Structural Beam Or Girder	382.56	84.68
		For Hot Dip Galvanizing, Add	*81.10*	
		For High Strength Low Alloy A572-50 Steel, Add	*34.43*	
		For High Strength Low Alloy A588 Steel, Add	*76.51*	
		For Each Additional Top Copes >2, Add	*2.92*	
		For Structural Tees, WT, MT Or ST, Deduct	*-120.35*	
		For Skewed Or Sloped Connections, Add	*45.91*	
05 12 23 00-0239	LF	W36 x 150 A992/A36 Structural Beam Or Girder	366.64	84.08
		For Hot Dip Galvanizing, Add	*76.85*	
		For High Strength Low Alloy A572-50 Steel, Add	*33.00*	
		For High Strength Low Alloy A588 Steel, Add	*73.33*	
		For Each Additional Top Copes >2, Add	*2.77*	
		For Structural Tees, WT, MT Or ST, Deduct	*-114.87*	
		For Skewed Or Sloped Connections, Add	*44.00*	
05 12 23 00-0240	LF	W36 x 135 A992/A36 Structural Beam Or Girder	344.37	83.34
		For Hot Dip Galvanizing, Add	*70.91*	
		For High Strength Low Alloy A572-50 Steel, Add	*30.99*	
		For High Strength Low Alloy A588 Steel, Add	*68.87*	
		For Each Additional Top Copes >2, Add	*2.56*	
		For Structural Tees, WT, MT Or ST, Deduct	*-107.21*	
		For Skewed Or Sloped Connections, Add	*41.32*	
05 12 23 00-0241	LF	W33 x 241 A992/A36 Structural Beam Or Girder	507.14	78.93
		For Hot Dip Galvanizing, Add	*117.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*45.64*	
		For High Strength Low Alloy A588 Steel, Add	*101.43*	
		For Each Additional Top Copes >2, Add	*4.23*	
		For Structural Tees, WT, MT Or ST, Deduct	*-164.87*	
		For Skewed Or Sloped Connections, Add	*60.86*	
05 12 23 00-0242	LF	W33 x 221 A992/A36 Structural Beam Or Girder	469.98	76.99
		For Hot Dip Galvanizing, Add	*107.63*	
		For High Strength Low Alloy A572-50 Steel, Add	*42.30*	
		For High Strength Low Alloy A588 Steel, Add	*94.00*	
		For Each Additional Top Copes >2, Add	*3.88*	
		For Structural Tees, WT, MT Or ST, Deduct	*-152.18*	
		For Skewed Or Sloped Connections, Add	*56.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0243	LF	W33 x 201 A992/A36 Structural Beam Or Girder	445.50	86.88
		For Hot Dip Galvanizing, Add	*97.89*	
		For High Strength Low Alloy A572-50 Steel, Add	*40.10*	
		For High Strength Low Alloy A588 Steel, Add	*89.10*	
		For Each Additional Top Copes >2, Add	*3.53*	
		For Structural Tees, WT, MT Or ST, Deduct	*-142.01*	
		For Skewed Or Sloped Connections, Add	*53.46*	
05 12 23 00-0244	LF	W33 x 170 A992/A36 Structural Beam Or Girder	399.68	85.30
		For Hot Dip Galvanizing, Add	*85.68*	
		For High Strength Low Alloy A572-50 Steel, Add	*35.97*	
		For High Strength Low Alloy A588 Steel, Add	*79.94*	
		For Each Additional Top Copes >2, Add	*3.09*	
		For Structural Tees, WT, MT Or ST, Deduct	*-126.25*	
		For Skewed Or Sloped Connections, Add	*47.96*	
05 12 23 00-0245	LF	W33 x 152 A992/A36 Structural Beam Or Girder	362.86	72.60
		For Hot Dip Galvanizing, Add	*79.20*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.66*	
		For High Strength Low Alloy A588 Steel, Add	*72.57*	
		For Each Additional Top Copes >2, Add	*2.85*	
		For Structural Tees, WT, MT Or ST, Deduct	*-115.39*	
		For Skewed Or Sloped Connections, Add	*43.54*	
05 12 23 00-0246	LF	W33 x 141 A992/A36 Structural Beam Or Girder	353.97	83.58
		For Hot Dip Galvanizing, Add	*73.47*	
		For High Strength Low Alloy A572-50 Steel, Add	*31.86*	
		For High Strength Low Alloy A588 Steel, Add	*70.79*	
		For Each Additional Top Copes >2, Add	*2.65*	
		For Structural Tees, WT, MT Or ST, Deduct	*-110.51*	
		For Skewed Or Sloped Connections, Add	*42.48*	
05 12 23 00-0247	LF	W33 x 130 A992/A36 Structural Beam Or Girder	335.95	82.98
		For Hot Dip Galvanizing, Add	*68.68*	
		For High Strength Low Alloy A572-50 Steel, Add	*30.24*	
		For High Strength Low Alloy A588 Steel, Add	*67.19*	
		For Each Additional Top Copes >2, Add	*2.47*	
		For Structural Tees, WT, MT Or ST, Deduct	*-104.31*	
		For Skewed Or Sloped Connections, Add	*40.31*	
05 12 23 00-0248	LF	W33 x 118 A992/A36 Structural Beam Or Girder	314.98	82.24
		For Hot Dip Galvanizing, Add	*63.06*	
		For High Strength Low Alloy A572-50 Steel, Add	*28.35*	
		For High Strength Low Alloy A588 Steel, Add	*63.00*	
		For Each Additional Top Copes >2, Add	*2.27*	
		For Structural Tees, WT, MT Or ST, Deduct	*-97.08*	
		For Skewed Or Sloped Connections, Add	*37.80*	
05 12 23 00-0249	LF	W30 x 211 A992/A36 Structural Beam Or Girder	450.40	76.84
		For Hot Dip Galvanizing, Add	*102.24*	
		For High Strength Low Alloy A572-50 Steel, Add	*40.54*	
		For High Strength Low Alloy A588 Steel, Add	*90.08*	
		For Each Additional Top Copes >2, Add	*3.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-145.35*	
		For Skewed Or Sloped Connections, Add	*54.05*	
05 12 23 00-0250	LF	W30 x 191 A992/A36 Structural Beam Or Girder	425.64	86.27
		For Hot Dip Galvanizing, Add	*92.55*	
		For High Strength Low Alloy A572-50 Steel, Add	*38.31*	
		For High Strength Low Alloy A588 Steel, Add	*85.13*	
		For Each Additional Top Copes >2, Add	*3.34*	
		For Structural Tees, WT, MT Or ST, Deduct	*-135.15*	
		For Skewed Or Sloped Connections, Add	*51.08*	
05 12 23 00-0251	LF	W30 x 173 A992/A36 Structural Beam Or Girder	389.56	73.34
		For Hot Dip Galvanizing, Add	*86.40*	
		For High Strength Low Alloy A572-50 Steel, Add	*35.06*	
		For High Strength Low Alloy A588 Steel, Add	*77.91*	
		For Each Additional Top Copes >2, Add	*3.11*	
		For Structural Tees, WT, MT Or ST, Deduct	*-124.61*	
		For Skewed Or Sloped Connections, Add	*46.75*	
05 12 23 00-0252	LF	W30 x 154 A992/A36 Structural Beam Or Girder	366.95	84.20
		For Hot Dip Galvanizing, Add	*76.91*	
		For High Strength Low Alloy A572-50 Steel, Add	*33.03*	
		For High Strength Low Alloy A588 Steel, Add	*73.39*	
		For Each Additional Top Copes >2, Add	*2.77*	
		For Structural Tees, WT, MT Or ST, Deduct	*-114.96*	
		For Skewed Or Sloped Connections, Add	*44.03*	
05 12 23 00-0253	LF	W30 x 132 A992/A36 Structural Beam Or Girder	326.69	70.75
		For Hot Dip Galvanizing, Add	*69.71*	
		For High Strength Low Alloy A572-50 Steel, Add	*29.40*	
		For High Strength Low Alloy A588 Steel, Add	*65.34*	
		For Each Additional Top Copes >2, Add	*2.51*	
		For Structural Tees, WT, MT Or ST, Deduct	*-103.02*	
		For Skewed Or Sloped Connections, Add	*39.20*	
05 12 23 00-0254	LF	W30 x 124 A992/A36 Structural Beam Or Girder	311.43	70.71
		For Hot Dip Galvanizing, Add	*65.49*	
		For High Strength Low Alloy A572-50 Steel, Add	*28.03*	
		For High Strength Low Alloy A588 Steel, Add	*62.29*	
		For Each Additional Top Copes >2, Add	*2.36*	
		For Structural Tees, WT, MT Or ST, Deduct	*-97.69*	
		For Skewed Or Sloped Connections, Add	*37.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0255	LF	W30 x 116 A992/A36 Structural Beam Or Girder	308.38	82.12
		For Hot Dip Galvanizing, Add	*61.26*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.75*	
		For High Strength Low Alloy A588 Steel, Add	*61.68*	
		For Each Additional Top Copes >2, Add	*2.21*	
		For Structural Tees, WT, MT Or ST, Deduct	*-94.79*	
		For Skewed Or Sloped Connections, Add	*37.01*	
05 12 23 00-0256	LF	W30 x 108 A992/A36 Structural Beam Or Girder	285.45	73.95
		For Hot Dip Galvanizing, Add	*57.34*	
		For High Strength Low Alloy A572-50 Steel, Add	*25.69*	
		For High Strength Low Alloy A588 Steel, Add	*57.09*	
		For Each Additional Top Copes >2, Add	*2.07*	
		For Structural Tees, WT, MT Or ST, Deduct	*-88.08*	
		For Skewed Or Sloped Connections, Add	*34.25*	
05 12 23 00-0257	LF	W30 x 99 A992/A36 Structural Beam Or Girder	272.60	73.58
		For Hot Dip Galvanizing, Add	*53.91*	
		For High Strength Low Alloy A572-50 Steel, Add	*24.53*	
		For High Strength Low Alloy A588 Steel, Add	*54.52*	
		For Each Additional Top Copes >2, Add	*1.94*	
		For Structural Tees, WT, MT Or ST, Deduct	*-83.66*	
		For Skewed Or Sloped Connections, Add	*32.71*	
05 12 23 00-0258	LF	W27 x 178 A992/A36 Structural Beam Or Girder	432.64	85.86
		For Hot Dip Galvanizing, Add	*94.64*	
		For High Strength Low Alloy A572-50 Steel, Add	*38.94*	
		For High Strength Low Alloy A588 Steel, Add	*86.53*	
		For Each Additional Top Copes >2, Add	*3.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-137.69*	
		For Skewed Or Sloped Connections, Add	*51.92*	
05 12 23 00-0259	LF	W27 x 161 A992/A36 Structural Beam Or Girder	396.62	82.63
		For Hot Dip Galvanizing, Add	*85.60*	
		For High Strength Low Alloy A572-50 Steel, Add	*35.70*	
		For High Strength Low Alloy A588 Steel, Add	*79.32*	
		For Each Additional Top Copes >2, Add	*3.08*	
		For Structural Tees, WT, MT Or ST, Deduct	*-125.60*	
		For Skewed Or Sloped Connections, Add	*47.59*	
05 12 23 00-0260	LF	W27 x 146 A992/A36 Structural Beam Or Girder	364.75	79.70
		For Hot Dip Galvanizing, Add	*77.63*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.83*	
		For High Strength Low Alloy A588 Steel, Add	*72.95*	
		For Each Additional Top Copes >2, Add	*2.80*	
		For Structural Tees, WT, MT Or ST, Deduct	*-114.91*	
		For Skewed Or Sloped Connections, Add	*43.77*	
05 12 23 00-0261	LF	W27 x 114 A992/A36 Structural Beam Or Girder	289.05	66.21
		For Hot Dip Galvanizing, Add	*60.61*	
		For High Strength Low Alloy A572-50 Steel, Add	*26.01*	
		For High Strength Low Alloy A588 Steel, Add	*57.81*	
		For Each Additional Top Copes >2, Add	*2.18*	
		For Structural Tees, WT, MT Or ST, Deduct	*-90.57*	
		For Skewed Or Sloped Connections, Add	*34.69*	
05 12 23 00-0262	LF	W27 x 102 A992/A36 Structural Beam Or Girder	273.89	73.58
		For Hot Dip Galvanizing, Add	*54.23*	
		For High Strength Low Alloy A572-50 Steel, Add	*24.65*	
		For High Strength Low Alloy A588 Steel, Add	*54.78*	
		For Each Additional Top Copes >2, Add	*1.95*	
		For Structural Tees, WT, MT Or ST, Deduct	*-84.09*	
		For Skewed Or Sloped Connections, Add	*32.87*	
05 12 23 00-0263	LF	W27 x 94 A992/A36 Structural Beam Or Girder	261.81	73.09
		For Hot Dip Galvanizing, Add	*51.02*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.56*	
		For High Strength Low Alloy A588 Steel, Add	*52.36*	
		For Each Additional Top Copes >2, Add	*1.84*	
		For Structural Tees, WT, MT Or ST, Deduct	*-79.94*	
		For Skewed Or Sloped Connections, Add	*31.42*	
05 12 23 00-0264	LF	W27 x 84 A992/A36 Structural Beam Or Girder	247.06	72.61
		For Hot Dip Galvanizing, Add	*47.09*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.24*	
		For High Strength Low Alloy A588 Steel, Add	*49.41*	
		For Each Additional Top Copes >2, Add	*1.70*	
		For Structural Tees, WT, MT Or ST, Deduct	*-74.87*	
		For Skewed Or Sloped Connections, Add	*29.65*	
05 12 23 00-0265	LF	W24 x 162 A992/A36 Structural Beam Or Girder	382.04	79.22
		For Hot Dip Galvanizing, Add	*82.57*	
		For High Strength Low Alloy A572-50 Steel, Add	*34.38*	
		For High Strength Low Alloy A588 Steel, Add	*76.41*	
		For Each Additional Top Copes >2, Add	*2.98*	
		For Structural Tees, WT, MT Or ST, Deduct	*-121.04*	
		For Skewed Or Sloped Connections, Add	*45.84*	
05 12 23 00-0266	LF	W24 x 146 A992/A36 Structural Beam Or Girder	349.17	75.94
		For Hot Dip Galvanizing, Add	*74.41*	
		For High Strength Low Alloy A572-50 Steel, Add	*31.43*	
		For High Strength Low Alloy A588 Steel, Add	*69.83*	
		For Each Additional Top Copes >2, Add	*2.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-110.06*	
		For Skewed Or Sloped Connections, Add	*41.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0267	LF	W24 x 131 A992/A36 Structural Beam Or Girder	317.93	72.50
		For Hot Dip Galvanizing, Add	*66.77*	
		For High Strength Low Alloy A572-50 Steel, Add	*28.61*	
		For High Strength Low Alloy A588 Steel, Add	*63.59*	
		For Each Additional Top Copes >2, Add	*2.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-99.68*	
		For Skewed Or Sloped Connections, Add	*38.15*	
05 12 23 00-0268	LF	W24 x 117 A992/A36 Structural Beam Or Girder	288.35	68.88
		For Hot Dip Galvanizing, Add	*59.63*	
		For High Strength Low Alloy A572-50 Steel, Add	*25.95*	
		For High Strength Low Alloy A588 Steel, Add	*57.67*	
		For Each Additional Top Copes >2, Add	*2.15*	
		For Structural Tees, WT, MT Or ST, Deduct	*-89.90*	
		For Skewed Or Sloped Connections, Add	*34.60*	
05 12 23 00-0269	LF	W24 x 104 A992/A36 Structural Beam Or Girder	260.49	65.13
		For Hot Dip Galvanizing, Add	*53.01*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.44*	
		For High Strength Low Alloy A588 Steel, Add	*52.10*	
		For Each Additional Top Copes >2, Add	*1.91*	
		For Structural Tees, WT, MT Or ST, Deduct	*-80.75*	
		For Skewed Or Sloped Connections, Add	*31.26*	
05 12 23 00-0270	LF	W24 x 94 A992/A36 Structural Beam Or Girder	250.62	73.09
		For Hot Dip Galvanizing, Add	*47.91*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.56*	
		For High Strength Low Alloy A588 Steel, Add	*50.12*	
		For Each Additional Top Copes >2, Add	*1.73*	
		For Structural Tees, WT, MT Or ST, Deduct	*-76.02*	
		For Skewed Or Sloped Connections, Add	*30.07*	
05 12 23 00-0271	LF	W24 x 84 A992/A36 Structural Beam Or Girder	228.68	64.79
		For Hot Dip Galvanizing, Add	*44.26*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.58*	
		For High Strength Low Alloy A588 Steel, Add	*45.74*	
		For Each Additional Top Copes >2, Add	*1.59*	
		For Structural Tees, WT, MT Or ST, Deduct	*-69.66*	
		For Skewed Or Sloped Connections, Add	*27.44*	
05 12 23 00-0272	LF	W24 x 76 A992/A36 Structural Beam Or Girder	217.38	64.31
		For Hot Dip Galvanizing, Add	*41.26*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.56*	
		For High Strength Low Alloy A588 Steel, Add	*43.48*	
		For Each Additional Top Copes >2, Add	*1.49*	
		For Structural Tees, WT, MT Or ST, Deduct	*-65.78*	
		For Skewed Or Sloped Connections, Add	*26.09*	
05 12 23 00-0273	LF	W24 x 68 A992/A36 Structural Beam Or Girder	203.15	63.94
		For Hot Dip Galvanizing, Add	*37.45*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.28*	
		For High Strength Low Alloy A588 Steel, Add	*40.63*	
		For Each Additional Top Copes >2, Add	*1.35*	
		For Structural Tees, WT, MT Or ST, Deduct	*-60.87*	
		For Skewed Or Sloped Connections, Add	*24.38*	
05 12 23 00-0274	LF	W24 x 62 A992/A36 Structural Beam Or Girder	195.72	63.57
		For Hot Dip Galvanizing, Add	*35.48*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.61*	
		For High Strength Low Alloy A588 Steel, Add	*39.14*	
		For Each Additional Top Copes >2, Add	*1.28*	
		For Structural Tees, WT, MT Or ST, Deduct	*-58.32*	
		For Skewed Or Sloped Connections, Add	*23.49*	
05 12 23 00-0275	LF	W24 x 55 A992/A36 Structural Beam Or Girder	185.52	63.33
		For Hot Dip Galvanizing, Add	*32.76*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.70*	
		For High Strength Low Alloy A588 Steel, Add	*37.10*	
		For Each Additional Top Copes >2, Add	*1.18*	
		For Structural Tees, WT, MT Or ST, Deduct	*-54.81*	
		For Skewed Or Sloped Connections, Add	*22.26*	
05 12 23 00-0276	LF	W21 x 147 A992/A36 Structural Beam Or Girder	334.63	65.14
		For Hot Dip Galvanizing, Add	*73.58*	
		For High Strength Low Alloy A572-50 Steel, Add	*30.12*	
		For High Strength Low Alloy A588 Steel, Add	*66.93*	
		For Each Additional Top Copes >2, Add	*2.65*	
		For Structural Tees, WT, MT Or ST, Deduct	*-106.70*	
		For Skewed Or Sloped Connections, Add	*40.16*	
05 12 23 00-0277	LF	W21 x 132 A992/A36 Structural Beam Or Girder	304.47	62.24
		For Hot Dip Galvanizing, Add	*66.07*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.40*	
		For High Strength Low Alloy A588 Steel, Add	*60.89*	
		For Each Additional Top Copes >2, Add	*2.38*	
		For Structural Tees, WT, MT Or ST, Deduct	*-96.61*	
		For Skewed Or Sloped Connections, Add	*36.54*	
05 12 23 00-0278	LF	W21 x 122 A992/A36 Structural Beam Or Girder	285.31	61.19
		For Hot Dip Galvanizing, Add	*61.06*	
		For High Strength Low Alloy A572-50 Steel, Add	*25.68*	
		For High Strength Low Alloy A588 Steel, Add	*57.06*	
		For Each Additional Top Copes >2, Add	*2.20*	
		For Structural Tees, WT, MT Or ST, Deduct	*-90.07*	
		For Skewed Or Sloped Connections, Add	*34.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0279	LF	W21 x 111 A992/A36 Structural Beam Or Girder	263.38	59.23
		For Hot Dip Galvanizing, Add	*55.56*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.70*	
		For High Strength Low Alloy A588 Steel, Add	*52.68*	
		For Each Additional Top Copes >2, Add	*2.00*	
		For Structural Tees, WT, MT Or ST, Deduct	*-82.71*	
		For Skewed Or Sloped Connections, Add	*31.61*	
05 12 23 00-0280	LF	W21 x 101 A992/A36 Structural Beam Or Girder	243.32	57.33
		For Hot Dip Galvanizing, Add	*50.55*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.90*	
		For High Strength Low Alloy A588 Steel, Add	*48.66*	
		For Each Additional Top Copes >2, Add	*1.82*	
		For Structural Tees, WT, MT Or ST, Deduct	*-75.99*	
		For Skewed Or Sloped Connections, Add	*29.20*	
05 12 23 00-0281	LF	W21 x 93 A992/A36 Structural Beam Or Girder	237.65	65.53
		For Hot Dip Galvanizing, Add	*46.55*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.39*	
		For High Strength Low Alloy A588 Steel, Add	*47.53*	
		For Each Additional Top Copes >2, Add	*1.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-72.69*	
		For Skewed Or Sloped Connections, Add	*28.52*	
05 12 23 00-0282	LF	W21 x 83 A992/A36 Structural Beam Or Girder	224.36	64.79
		For Hot Dip Galvanizing, Add	*43.06*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.19*	
		For High Strength Low Alloy A588 Steel, Add	*44.87*	
		For Each Additional Top Copes >2, Add	*1.55*	
		For Structural Tees, WT, MT Or ST, Deduct	*-68.15*	
		For Skewed Or Sloped Connections, Add	*26.92*	
05 12 23 00-0283	LF	W21 x 73 A992/A36 Structural Beam Or Girder	208.03	64.31
		For Hot Dip Galvanizing, Add	*38.70*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.72*	
		For High Strength Low Alloy A588 Steel, Add	*41.61*	
		For Each Additional Top Copes >2, Add	*1.39*	
		For Structural Tees, WT, MT Or ST, Deduct	*-62.53*	
		For Skewed Or Sloped Connections, Add	*24.96*	
05 12 23 00-0284	LF	W21 x 68 A992/A36 Structural Beam Or Girder	199.81	63.94
		For Hot Dip Galvanizing, Add	*36.52*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.98*	
		For High Strength Low Alloy A588 Steel, Add	*39.96*	
		For Each Additional Top Copes >2, Add	*1.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-59.70*	
		For Skewed Or Sloped Connections, Add	*23.98*	
05 12 23 00-0285	LF	W21 x 62 A992/A36 Structural Beam Or Girder	192.38	63.57
		For Hot Dip Galvanizing, Add	*34.56*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.31*	
		For High Strength Low Alloy A588 Steel, Add	*38.48*	
		For Each Additional Top Copes >2, Add	*1.25*	
		For Structural Tees, WT, MT Or ST, Deduct	*-57.16*	
		For Skewed Or Sloped Connections, Add	*23.09*	
05 12 23 00-0286	LF	W21 x 57 A992/A36 Structural Beam Or Girder	185.65	63.45
		For Hot Dip Galvanizing, Add	*32.76*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.71*	
		For High Strength Low Alloy A588 Steel, Add	*37.13*	
		For Each Additional Top Copes >2, Add	*1.18*	
		For Structural Tees, WT, MT Or ST, Deduct	*-54.84*	
		For Skewed Or Sloped Connections, Add	*22.28*	
05 12 23 00-0287	LF	W21 x 50 A992/A36 Structural Beam Or Girder	164.68	55.04
		For Hot Dip Galvanizing, Add	*29.38*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.82*	
		For High Strength Low Alloy A588 Steel, Add	*32.94*	
		For Each Additional Top Copes >2, Add	*1.06*	
		For Structural Tees, WT, MT Or ST, Deduct	*-48.82*	
		For Skewed Or Sloped Connections, Add	*19.76*	
05 12 23 00-0288	LF	W21 x 44 A992/A36 Structural Beam Or Girder	156.85	54.78
		For Hot Dip Galvanizing, Add	*27.31*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.12*	
		For High Strength Low Alloy A588 Steel, Add	*31.37*	
		For Each Additional Top Copes >2, Add	*0.98*	
		For Structural Tees, WT, MT Or ST, Deduct	*-46.13*	
		For Skewed Or Sloped Connections, Add	*18.82*	
05 12 23 00-0289	LF	W18 x 119 A992/A36 Structural Beam Or Girder	277.34	60.98
		For Hot Dip Galvanizing, Add	*58.91*	
		For High Strength Low Alloy A572-50 Steel, Add	*24.96*	
		For High Strength Low Alloy A588 Steel, Add	*55.47*	
		For Each Additional Top Copes >2, Add	*2.12*	
		For Structural Tees, WT, MT Or ST, Deduct	*-87.31*	
		For Skewed Or Sloped Connections, Add	*33.28*	
05 12 23 00-0290	LF	W18 x 106 A992/A36 Structural Beam Or Girder	250.74	57.79
		For Hot Dip Galvanizing, Add	*52.48*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.57*	
		For High Strength Low Alloy A588 Steel, Add	*50.15*	
		For Each Additional Top Copes >2, Add	*1.89*	
		For Structural Tees, WT, MT Or ST, Deduct	*-78.51*	
		For Skewed Or Sloped Connections, Add	*30.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0291	LF	W18 x 97 A992/A36 Structural Beam Or Girder	243.09	65.53
		For Hot Dip Galvanizing, Add	*48.02*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.88*	
		For High Strength Low Alloy A588 Steel, Add	*48.62*	
		For Each Additional Top Copes >2, Add	*1.73*	
		For Structural Tees, WT, MT Or ST, Deduct	*-74.57*	
		For Skewed Or Sloped Connections, Add	*29.17*	
05 12 23 00-0292	LF	W18 x 86 A992/A36 Structural Beam Or Girder	227.82	64.91
		For Hot Dip Galvanizing, Add	*43.99*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.50*	
		For High Strength Low Alloy A588 Steel, Add	*45.56*	
		For Each Additional Top Copes >2, Add	*1.59*	
		For Structural Tees, WT, MT Or ST, Deduct	*-69.34*	
		For Skewed Or Sloped Connections, Add	*27.34*	
05 12 23 00-0293	LF	W18 x 76 A992/A36 Structural Beam Or Girder	214.04	64.31
		For Hot Dip Galvanizing, Add	*40.33*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.26*	
		For High Strength Low Alloy A588 Steel, Add	*42.81*	
		For Each Additional Top Copes >2, Add	*1.45*	
		For Structural Tees, WT, MT Or ST, Deduct	*-64.61*	
		For Skewed Or Sloped Connections, Add	*25.68*	
05 12 23 00-0294	LF	W18 x 71 A992/A36 Structural Beam Or Girder	203.98	64.19
		For Hot Dip Galvanizing, Add	*37.61*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.36*	
		For High Strength Low Alloy A588 Steel, Add	*40.80*	
		For Each Additional Top Copes >2, Add	*1.36*	
		For Structural Tees, WT, MT Or ST, Deduct	*-61.13*	
		For Skewed Or Sloped Connections, Add	*24.48*	
05 12 23 00-0295	LF	W18 x 65 A992/A36 Structural Beam Or Girder	194.19	63.94
		For Hot Dip Galvanizing, Add	*34.99*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.48*	
		For High Strength Low Alloy A588 Steel, Add	*38.84*	
		For Each Additional Top Copes >2, Add	*1.26*	
		For Structural Tees, WT, MT Or ST, Deduct	*-57.75*	
		For Skewed Or Sloped Connections, Add	*23.30*	
05 12 23 00-0296	LF	W18 x 60 A992/A36 Structural Beam Or Girder	185.37	63.45
		For Hot Dip Galvanizing, Add	*32.65*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.68*	
		For High Strength Low Alloy A588 Steel, Add	*37.07*	
		For Each Additional Top Copes >2, Add	*1.18*	
		For Structural Tees, WT, MT Or ST, Deduct	*-54.72*	
		For Skewed Or Sloped Connections, Add	*22.24*	
05 12 23 00-0297	LF	W18 x 55 A992/A36 Structural Beam Or Girder	176.48	63.33
		For Hot Dip Galvanizing, Add	*30.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.88*	
		For High Strength Low Alloy A588 Steel, Add	*35.30*	
		For Each Additional Top Copes >2, Add	*1.09*	
		For Structural Tees, WT, MT Or ST, Deduct	*-51.65*	
		For Skewed Or Sloped Connections, Add	*21.18*	
05 12 23 00-0298	LF	W18 x 50 A992/A36 Structural Beam Or Girder	159.18	55.04
		For Hot Dip Galvanizing, Add	*27.85*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.33*	
		For High Strength Low Alloy A588 Steel, Add	*31.84*	
		For Each Additional Top Copes >2, Add	*1.00*	
		For Structural Tees, WT, MT Or ST, Deduct	*-46.89*	
		For Skewed Or Sloped Connections, Add	*19.10*	
05 12 23 00-0299	LF	W18 x 46 A992/A36 Structural Beam Or Girder	152.26	54.91
		For Hot Dip Galvanizing, Add	*26.00*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.70*	
		For High Strength Low Alloy A588 Steel, Add	*30.45*	
		For Each Additional Top Copes >2, Add	*0.94*	
		For Structural Tees, WT, MT Or ST, Deduct	*-44.51*	
		For Skewed Or Sloped Connections, Add	*18.27*	
05 12 23 00-0300	LF	W18 x 40 A992/A36 Structural Beam Or Girder	133.31	46.86
		For Hot Dip Galvanizing, Add	*23.11*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.00*	
		For High Strength Low Alloy A588 Steel, Add	*26.66*	
		For Each Additional Top Copes >2, Add	*0.83*	
		For Structural Tees, WT, MT Or ST, Deduct	*-39.15*	
		For Skewed Or Sloped Connections, Add	*16.00*	
05 12 23 00-0301	LF	W18 x 35 A992/A36 Structural Beam Or Girder	124.61	46.73
		For Hot Dip Galvanizing, Add	*20.77*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.21*	
		For High Strength Low Alloy A588 Steel, Add	*24.92*	
		For Each Additional Top Copes >2, Add	*0.75*	
		For Structural Tees, WT, MT Or ST, Deduct	*-36.15*	
		For Skewed Or Sloped Connections, Add	*14.95*	
05 12 23 00-0302	LF	W16 x 100 A992/A36 Structural Beam Or Girder	231.40	42.59
		For Hot Dip Galvanizing, Add	*51.62*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.83*	
		For High Strength Low Alloy A588 Steel, Add	*46.28*	
		For Each Additional Top Copes >2, Add	*1.86*	
		For Structural Tees, WT, MT Or ST, Deduct	*-74.18*	
		For Skewed Or Sloped Connections, Add	*27.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0303	LF	W16 x 89 A992/A36 Structural Beam Or Girder	211.81	41.85
		For Hot Dip Galvanizing, Add	*46.38*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.06*	
		For High Strength Low Alloy A588 Steel, Add	*42.36*	
		For Each Additional Top Copes >2, Add	*1.67*	
		For Structural Tees, WT, MT Or ST, Deduct	*-67.43*	
		For Skewed Or Sloped Connections, Add	*25.42*	
05 12 23 00-0304	LF	W16 x 77 A992/A36 Structural Beam Or Girder	190.77	41.37
		For Hot Dip Galvanizing, Add	*40.71*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.17*	
		For High Strength Low Alloy A588 Steel, Add	*38.15*	
		For Each Additional Top Copes >2, Add	*1.47*	
		For Structural Tees, WT, MT Or ST, Deduct	*-60.16*	
		For Skewed Or Sloped Connections, Add	*22.89*	
05 12 23 00-0305	LF	W16 x 67 A992/A36 Structural Beam Or Girder	172.88	40.75
		For Hot Dip Galvanizing, Add	*35.92*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.56*	
		For High Strength Low Alloy A588 Steel, Add	*34.58*	
		For Each Additional Top Copes >2, Add	*1.29*	
		For Structural Tees, WT, MT Or ST, Deduct	*-53.99*	
		For Skewed Or Sloped Connections, Add	*20.75*	
05 12 23 00-0306	LF	W16 x 57 A992/A36 Structural Beam Or Girder	155.18	40.15
		For Hot Dip Galvanizing, Add	*31.18*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.97*	
		For High Strength Low Alloy A588 Steel, Add	*31.04*	
		For Each Additional Top Copes >2, Add	*1.12*	
		For Structural Tees, WT, MT Or ST, Deduct	*-47.89*	
		For Skewed Or Sloped Connections, Add	*18.62*	
05 12 23 00-0307	LF	W16 x 50 A992/A36 Structural Beam Or Girder	142.84	39.78
		For Hot Dip Galvanizing, Add	*27.85*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.86*	
		For High Strength Low Alloy A588 Steel, Add	*28.57*	
		For Each Additional Top Copes >2, Add	*1.00*	
		For Structural Tees, WT, MT Or ST, Deduct	*-43.62*	
		For Skewed Or Sloped Connections, Add	*17.14*	
05 12 23 00-0308	LF	W16 x 45 A992/A36 Structural Beam Or Girder	134.13	39.53
		For Hot Dip Galvanizing, Add	*25.51*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.07*	
		For High Strength Low Alloy A588 Steel, Add	*26.83*	
		For Each Additional Top Copes >2, Add	*0.92*	
		For Structural Tees, WT, MT Or ST, Deduct	*-40.61*	
		For Skewed Or Sloped Connections, Add	*16.10*	
05 12 23 00-0309	LF	W16 x 40 A992/A36 Structural Beam Or Girder	125.13	39.17
		For Hot Dip Galvanizing, Add	*23.11*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.26*	
		For High Strength Low Alloy A588 Steel, Add	*25.03*	
		For Each Additional Top Copes >2, Add	*0.83*	
		For Structural Tees, WT, MT Or ST, Deduct	*-37.52*	
		For Skewed Or Sloped Connections, Add	*15.02*	
05 12 23 00-0310	LF	W16 x 36 A992/A36 Structural Beam Or Girder	118.09	38.93
		For Hot Dip Galvanizing, Add	*21.26*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.63*	
		For High Strength Low Alloy A588 Steel, Add	*23.62*	
		For Each Additional Top Copes >2, Add	*0.77*	
		For Structural Tees, WT, MT Or ST, Deduct	*-35.11*	
		For Skewed Or Sloped Connections, Add	*14.17*	
05 12 23 00-0311	LF	W16 x 31 A992/A36 Structural Beam Or Girder	101.03	31.00
		For Hot Dip Galvanizing, Add	*18.86*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.09*	
		For High Strength Low Alloy A588 Steel, Add	*20.21*	
		For Each Additional Top Copes >2, Add	*0.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-30.40*	
		For Skewed Or Sloped Connections, Add	*12.12*	
05 12 23 00-0312	LF	W16 x 26 A992/A36 Structural Beam Or Girder	89.68	30.62
		For Hot Dip Galvanizing, Add	*15.81*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.07*	
		For High Strength Low Alloy A588 Steel, Add	*17.94*	
		For Each Additional Top Copes >2, Add	*0.57*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.48*	
		For Skewed Or Sloped Connections, Add	*10.76*	
05 12 23 00-0313	LF	W14 x 99 A992/A36 Structural Beam Or Girder	221.45	34.90
		For Hot Dip Galvanizing, Add	*51.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.93*	
		For High Strength Low Alloy A588 Steel, Add	*44.29*	
		For Each Additional Top Copes >2, Add	*1.84*	
		For Structural Tees, WT, MT Or ST, Deduct	*-71.93*	
		For Skewed Or Sloped Connections, Add	*26.57*	
05 12 23 00-0314	LF	W14 x 90 A992/A36 Structural Beam Or Girder	205.53	34.29
		For Hot Dip Galvanizing, Add	*46.88*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.50*	
		For High Strength Low Alloy A588 Steel, Add	*41.11*	
		For Each Additional Top Copes >2, Add	*1.69*	
		For Structural Tees, WT, MT Or ST, Deduct	*-66.44*	
		For Skewed Or Sloped Connections, Add	*24.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0315	LF	W14 x 82 A992/A36 Structural Beam Or Girder	191.29	33.92
		For Hot Dip Galvanizing, Add	*43.06*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.22*	
		For High Strength Low Alloy A588 Steel, Add	*38.26*	
		For Each Additional Top Copes >2, Add	*1.55*	
		For Structural Tees, WT, MT Or ST, Deduct	*-61.53*	
		For Skewed Or Sloped Connections, Add	*22.95*	
05 12 23 00-0316	LF	W14 x 74 A992/A36 Structural Beam Or Girder	177.06	33.43
		For Hot Dip Galvanizing, Add	*39.24*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.94*	
		For High Strength Low Alloy A588 Steel, Add	*35.41*	
		For Each Additional Top Copes >2, Add	*1.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-56.63*	
		For Skewed Or Sloped Connections, Add	*21.25*	
05 12 23 00-0317	LF	W14 x 68 A992/A36 Structural Beam Or Girder	166.47	33.07
		For Hot Dip Galvanizing, Add	*36.41*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.98*	
		For High Strength Low Alloy A588 Steel, Add	*33.29*	
		For Each Additional Top Copes >2, Add	*1.31*	
		For Structural Tees, WT, MT Or ST, Deduct	*-52.98*	
		For Skewed Or Sloped Connections, Add	*19.98*	
05 12 23 00-0318	LF	W14 x 61 A992/A36 Structural Beam Or Girder	154.12	32.70
		For Hot Dip Galvanizing, Add	*33.08*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.87*	
		For High Strength Low Alloy A588 Steel, Add	*30.82*	
		For Each Additional Top Copes >2, Add	*1.19*	
		For Structural Tees, WT, MT Or ST, Deduct	*-48.71*	
		For Skewed Or Sloped Connections, Add	*18.49*	
05 12 23 00-0319	LF	W14 x 53 A992/A36 Structural Beam Or Girder	140.08	32.22
		For Hot Dip Galvanizing, Add	*29.32*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.61*	
		For High Strength Low Alloy A588 Steel, Add	*28.02*	
		For Each Additional Top Copes >2, Add	*1.06*	
		For Structural Tees, WT, MT Or ST, Deduct	*-43.87*	
		For Skewed Or Sloped Connections, Add	*16.81*	
05 12 23 00-0320	LF	W14 x 48 A992/A36 Structural Beam Or Girder	131.07	31.85
		For Hot Dip Galvanizing, Add	*26.93*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.80*	
		For High Strength Low Alloy A588 Steel, Add	*26.21*	
		For Each Additional Top Copes >2, Add	*0.97*	
		For Structural Tees, WT, MT Or ST, Deduct	*-40.77*	
		For Skewed Or Sloped Connections, Add	*15.73*	
05 12 23 00-0321	LF	W14 x 43 A992/A36 Structural Beam Or Girder	122.19	31.72
		For Hot Dip Galvanizing, Add	*24.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.00*	
		For High Strength Low Alloy A588 Steel, Add	*24.44*	
		For Each Additional Top Copes >2, Add	*0.88*	
		For Structural Tees, WT, MT Or ST, Deduct	*-37.70*	
		For Skewed Or Sloped Connections, Add	*14.66*	
05 12 23 00-0322	LF	W14 x 38 A992/A36 Structural Beam Or Girder	113.37	31.48
		For Hot Dip Galvanizing, Add	*22.18*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.20*	
		For High Strength Low Alloy A588 Steel, Add	*22.67*	
		For Each Additional Top Copes >2, Add	*0.80*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.67*	
		For Skewed Or Sloped Connections, Add	*13.60*	
05 12 23 00-0323	LF	W14 x 34 A992/A36 Structural Beam Or Girder	106.26	31.12
		For Hot Dip Galvanizing, Add	*20.28*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.56*	
		For High Strength Low Alloy A588 Steel, Add	*21.25*	
		For Each Additional Top Copes >2, Add	*0.73*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.21*	
		For Skewed Or Sloped Connections, Add	*12.75*	
05 12 23 00-0324	LF	W14 x 30 A992/A36 Structural Beam Or Girder	99.13	31.00
		For Hot Dip Galvanizing, Add	*18.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.92*	
		For High Strength Low Alloy A588 Steel, Add	*19.83*	
		For Each Additional Top Copes >2, Add	*0.66*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.75*	
		For Skewed Or Sloped Connections, Add	*11.90*	
05 12 23 00-0325	LF	W14 x 26 A992/A36 Structural Beam Or Girder	92.02	30.62
		For Hot Dip Galvanizing, Add	*16.46*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.28*	
		For High Strength Low Alloy A588 Steel, Add	*18.40*	
		For Each Additional Top Copes >2, Add	*0.59*	
		For Structural Tees, WT, MT Or ST, Deduct	*-27.30*	
		For Skewed Or Sloped Connections, Add	*11.04*	
05 12 23 00-0326	LF	W14 x 22 A992/A36 Structural Beam Or Girder	85.10	30.50
		For Hot Dip Galvanizing, Add	*14.61*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.66*	
		For High Strength Low Alloy A588 Steel, Add	*17.02*	
		For Each Additional Top Copes >2, Add	*0.53*	
		For Structural Tees, WT, MT Or ST, Deduct	*-24.92*	
		For Skewed Or Sloped Connections, Add	*10.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0327	LF	W12 x 87 A992/A36 Structural Beam Or Girder	200.30	34.17
		For Hot Dip Galvanizing, Add	*45.46*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.03*	
		For High Strength Low Alloy A588 Steel, Add	*40.06*	
		For Each Additional Top Copes >2, Add	*1.64*	
		For Structural Tees, WT, MT Or ST, Deduct	*-64.63*	
		For Skewed Or Sloped Connections, Add	*24.04*	
05 12 23 00-0328	LF	W12 x 79 A992/A36 Structural Beam Or Girder	186.05	33.68
		For Hot Dip Galvanizing, Add	*41.64*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.74*	
		For High Strength Low Alloy A588 Steel, Add	*37.21*	
		For Each Additional Top Copes >2, Add	*1.50*	
		For Structural Tees, WT, MT Or ST, Deduct	*-59.72*	
		For Skewed Or Sloped Connections, Add	*22.33*	
05 12 23 00-0329	LF	W12 x 72 A992/A36 Structural Beam Or Girder	173.59	33.31
		For Hot Dip Galvanizing, Add	*38.32*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.62*	
		For High Strength Low Alloy A588 Steel, Add	*34.72*	
		For Each Additional Top Copes >2, Add	*1.38*	
		For Structural Tees, WT, MT Or ST, Deduct	*-55.43*	
		For Skewed Or Sloped Connections, Add	*20.83*	
05 12 23 00-0330	LF	W12 x 65 A992/A36 Structural Beam Or Girder	161.24	32.94
		For Hot Dip Galvanizing, Add	*34.99*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.51*	
		For High Strength Low Alloy A588 Steel, Add	*32.25*	
		For Each Additional Top Copes >2, Add	*1.26*	
		For Structural Tees, WT, MT Or ST, Deduct	*-51.16*	
		For Skewed Or Sloped Connections, Add	*19.35*	
05 12 23 00-0331	LF	W12 x 58 A992/A36 Structural Beam Or Girder	148.77	32.46
		For Hot Dip Galvanizing, Add	*31.67*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.39*	
		For High Strength Low Alloy A588 Steel, Add	*29.75*	
		For Each Additional Top Copes >2, Add	*1.14*	
		For Structural Tees, WT, MT Or ST, Deduct	*-46.87*	
		For Skewed Or Sloped Connections, Add	*17.85*	
05 12 23 00-0332	LF	W12 x 53 A992/A36 Structural Beam Or Girder	140.08	32.22
		For Hot Dip Galvanizing, Add	*29.32*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.61*	
		For High Strength Low Alloy A588 Steel, Add	*28.02*	
		For Each Additional Top Copes >2, Add	*1.06*	
		For Structural Tees, WT, MT Or ST, Deduct	*-43.87*	
		For Skewed Or Sloped Connections, Add	*16.81*	
05 12 23 00-0333	LF	W12 x 50 A992/A36 Structural Beam Or Girder	134.54	32.09
		For Hot Dip Galvanizing, Add	*27.85*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.11*	
		For High Strength Low Alloy A588 Steel, Add	*26.91*	
		For Each Additional Top Copes >2, Add	*1.00*	
		For Structural Tees, WT, MT Or ST, Deduct	*-41.96*	
		For Skewed Or Sloped Connections, Add	*16.14*	
05 12 23 00-0334	LF	W12 x 45 A992/A36 Structural Beam Or Girder	125.84	31.85
		For Hot Dip Galvanizing, Add	*25.51*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.33*	
		For High Strength Low Alloy A588 Steel, Add	*25.17*	
		For Each Additional Top Copes >2, Add	*0.92*	
		For Structural Tees, WT, MT Or ST, Deduct	*-38.96*	
		For Skewed Or Sloped Connections, Add	*15.10*	
05 12 23 00-0335	LF	W12 x 40 A992/A36 Structural Beam Or Girder	108.54	23.67
		For Hot Dip Galvanizing, Add	*23.11*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.77*	
		For High Strength Low Alloy A588 Steel, Add	*21.71*	
		For Each Additional Top Copes >2, Add	*0.83*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.20*	
		For Skewed Or Sloped Connections, Add	*13.02*	
05 12 23 00-0336	LF	W12 x 35 A992/A36 Structural Beam Or Girder	99.85	23.55
		For Hot Dip Galvanizing, Add	*20.77*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.99*	
		For High Strength Low Alloy A588 Steel, Add	*19.97*	
		For Each Additional Top Copes >2, Add	*0.75*	
		For Structural Tees, WT, MT Or ST, Deduct	*-31.19*	
		For Skewed Or Sloped Connections, Add	*11.98*	
05 12 23 00-0337	LF	W12 x 30 A992/A36 Structural Beam Or Girder	90.84	23.18
		For Hot Dip Galvanizing, Add	*18.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.18*	
		For High Strength Low Alloy A588 Steel, Add	*18.17*	
		For Each Additional Top Copes >2, Add	*0.66*	
		For Structural Tees, WT, MT Or ST, Deduct	*-28.10*	
		For Skewed Or Sloped Connections, Add	*10.90*	
05 12 23 00-0338	LF	W12 x 26 A992/A36 Structural Beam Or Girder	83.72	22.94
		For Hot Dip Galvanizing, Add	*16.46*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.53*	
		For High Strength Low Alloy A588 Steel, Add	*16.74*	
		For Each Additional Top Copes >2, Add	*0.59*	
		For Structural Tees, WT, MT Or ST, Deduct	*-25.64*	
		For Skewed Or Sloped Connections, Add	*10.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0339	LF	W12 x 22 A992/A36 Structural Beam Or Girder	76.80	22.70
		For Hot Dip Galvanizing, Add	*14.61*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.91*	
		For High Strength Low Alloy A588 Steel, Add	*15.36*	
		For Each Additional Top Copes >2, Add	*0.53*	
		For Structural Tees, WT, MT Or ST, Deduct	*-23.26*	
		For Skewed Or Sloped Connections, Add	*9.22*	
05 12 23 00-0340	LF	W12 x 19 A992/A36 Structural Beam Or Girder	71.38	22.58
		For Hot Dip Galvanizing, Add	*13.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.42*	
		For High Strength Low Alloy A588 Steel, Add	*14.28*	
		For Each Additional Top Copes >2, Add	*0.47*	
		For Structural Tees, WT, MT Or ST, Deduct	*-21.38*	
		For Skewed Or Sloped Connections, Add	*8.57*	
05 12 23 00-0341	LF	W12 x 16 A992/A36 Structural Beam Or Girder	66.03	22.21
		For Hot Dip Galvanizing, Add	*11.72*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.94*	
		For High Strength Low Alloy A588 Steel, Add	*13.21*	
		For Each Additional Top Copes >2, Add	*0.42*	
		For Structural Tees, WT, MT Or ST, Deduct	*-19.54*	
		For Skewed Or Sloped Connections, Add	*7.92*	
05 12 23 00-0342	LF	W12 x 14 A992/A36 Structural Beam Or Girder	62.56	22.21
		For Hot Dip Galvanizing, Add	*10.79*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.63*	
		For High Strength Low Alloy A588 Steel, Add	*12.51*	
		For Each Additional Top Copes >2, Add	*0.39*	
		For Structural Tees, WT, MT Or ST, Deduct	*-18.35*	
		For Skewed Or Sloped Connections, Add	*7.51*	
05 12 23 00-0343	LF	W10 x 68 A992/A36 Structural Beam Or Girder	158.68	25.50
		For Hot Dip Galvanizing, Add	*36.52*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.28*	
		For High Strength Low Alloy A588 Steel, Add	*31.74*	
		For Each Additional Top Copes >2, Add	*1.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-51.48*	
		For Skewed Or Sloped Connections, Add	*19.04*	
05 12 23 00-0344	LF	W10 x 60 A992/A36 Structural Beam Or Girder	144.65	25.02
		For Hot Dip Galvanizing, Add	*32.76*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.02*	
		For High Strength Low Alloy A588 Steel, Add	*28.93*	
		For Each Additional Top Copes >2, Add	*1.18*	
		For Structural Tees, WT, MT Or ST, Deduct	*-46.64*	
		For Skewed Or Sloped Connections, Add	*17.36*	
05 12 23 00-0345	LF	W10 x 54 A992/A36 Structural Beam Or Girder	133.88	24.52
		For Hot Dip Galvanizing, Add	*29.87*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.05*	
		For High Strength Low Alloy A588 Steel, Add	*26.78*	
		For Each Additional Top Copes >2, Add	*1.08*	
		For Structural Tees, WT, MT Or ST, Deduct	*-42.92*	
		For Skewed Or Sloped Connections, Add	*16.07*	
05 12 23 00-0346	LF	W10 x 49 A992/A36 Structural Beam Or Girder	125.05	24.28
		For Hot Dip Galvanizing, Add	*27.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.25*	
		For High Strength Low Alloy A588 Steel, Add	*25.01*	
		For Each Additional Top Copes >2, Add	*0.99*	
		For Structural Tees, WT, MT Or ST, Deduct	*-39.89*	
		For Skewed Or Sloped Connections, Add	*15.01*	
05 12 23 00-0347	LF	W10 x 45 A992/A36 Structural Beam Or Girder	117.94	24.16
		For Hot Dip Galvanizing, Add	*25.62*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.61*	
		For High Strength Low Alloy A588 Steel, Add	*23.59*	
		For Each Additional Top Copes >2, Add	*0.92*	
		For Structural Tees, WT, MT Or ST, Deduct	*-37.44*	
		For Skewed Or Sloped Connections, Add	*14.15*	
05 12 23 00-0348	LF	W10 x 39 A992/A36 Structural Beam Or Girder	107.36	23.67
		For Hot Dip Galvanizing, Add	*22.78*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.66*	
		For High Strength Low Alloy A588 Steel, Add	*21.47*	
		For Each Additional Top Copes >2, Add	*0.82*	
		For Structural Tees, WT, MT Or ST, Deduct	*-33.79*	
		For Skewed Or Sloped Connections, Add	*12.88*	
05 12 23 00-0349	LF	W10 x 33 A992/A36 Structural Beam Or Girder	96.79	23.30
		For Hot Dip Galvanizing, Add	*19.95*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.71*	
		For High Strength Low Alloy A588 Steel, Add	*19.36*	
		For Each Additional Top Copes >2, Add	*0.72*	
		For Structural Tees, WT, MT Or ST, Deduct	*-30.14*	
		For Skewed Or Sloped Connections, Add	*11.61*	
05 12 23 00-0350	LF	W10 x 30 A992/A36 Structural Beam Or Girder	91.35	23.18
		For Hot Dip Galvanizing, Add	*18.48*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.22*	
		For High Strength Low Alloy A588 Steel, Add	*18.27*	
		For Each Additional Top Copes >2, Add	*0.67*	
		For Structural Tees, WT, MT Or ST, Deduct	*-28.26*	
		For Skewed Or Sloped Connections, Add	*10.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0351	LF	W10 x 26 A992/A36 Structural Beam Or Girder	84.43	23.06
		For Hot Dip Galvanizing, Add	*16.63*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.60*	
		For High Strength Low Alloy A588 Steel, Add	*16.89*	
		For Each Additional Top Copes >2, Add	*0.60*	
		For Structural Tees, WT, MT Or ST, Deduct	*-25.87*	
		For Skewed Or Sloped Connections, Add	*10.13*	
05 12 23 00-0352	LF	W10 x 22 A992/A36 Structural Beam Or Girder	77.19	22.70
		For Hot Dip Galvanizing, Add	*14.72*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.95*	
		For High Strength Low Alloy A588 Steel, Add	*15.44*	
		For Each Additional Top Copes >2, Add	*0.53*	
		For Structural Tees, WT, MT Or ST, Deduct	*-23.39*	
		For Skewed Or Sloped Connections, Add	*9.26*	
05 12 23 00-0353	LF	W10 x 19 A992/A36 Structural Beam Or Girder	71.97	22.58
		For Hot Dip Galvanizing, Add	*13.30*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.48*	
		For High Strength Low Alloy A588 Steel, Add	*14.39*	
		For Each Additional Top Copes >2, Add	*0.48*	
		For Structural Tees, WT, MT Or ST, Deduct	*-21.58*	
		For Skewed Or Sloped Connections, Add	*8.64*	
05 12 23 00-0354	LF	W10 x 17 A992/A36 Structural Beam Or Girder	68.31	22.45
		For Hot Dip Galvanizing, Add	*12.32*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.15*	
		For High Strength Low Alloy A588 Steel, Add	*13.66*	
		For Each Additional Top Copes >2, Add	*0.44*	
		For Structural Tees, WT, MT Or ST, Deduct	*-20.32*	
		For Skewed Or Sloped Connections, Add	*8.20*	
05 12 23 00-0355	LF	W10 x 15 A992/A36 Structural Beam Or Girder	64.85	22.21
		For Hot Dip Galvanizing, Add	*11.39*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.84*	
		For High Strength Low Alloy A588 Steel, Add	*12.97*	
		For Each Additional Top Copes >2, Add	*0.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-19.13*	
		For Skewed Or Sloped Connections, Add	*7.78*	
05 12 23 00-0356	LF	W10 x 12 A992/A36 Structural Beam Or Girder	59.61	22.21
		For Hot Dip Galvanizing, Add	*9.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.36*	
		For High Strength Low Alloy A588 Steel, Add	*11.92*	
		For Each Additional Top Copes >2, Add	*0.36*	
		For Structural Tees, WT, MT Or ST, Deduct	*-17.31*	
		For Skewed Or Sloped Connections, Add	*7.15*	
05 12 23 00-0357	LF	W8 x 35 A992/A36 Structural Beam Or Girder	100.25	23.55
		For Hot Dip Galvanizing, Add	*20.88*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.02*	
		For High Strength Low Alloy A588 Steel, Add	*20.05*	
		For Each Additional Top Copes >2, Add	*0.75*	
		For Structural Tees, WT, MT Or ST, Deduct	*-31.33*	
		For Skewed Or Sloped Connections, Add	*12.03*	
05 12 23 00-0358	LF	W8 x 31 A992/A36 Structural Beam Or Girder	93.12	23.18
		For Hot Dip Galvanizing, Add	*18.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.38*	
		For High Strength Low Alloy A588 Steel, Add	*18.62*	
		For Each Additional Top Copes >2, Add	*0.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-28.88*	
		For Skewed Or Sloped Connections, Add	*11.17*	
05 12 23 00-0359	LF	W8 x 28 A992/A36 Structural Beam Or Girder	92.73	21.84
		For Hot Dip Galvanizing, Add	*19.27*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.35*	
		For High Strength Low Alloy A588 Steel, Add	*18.55*	
		For Each Additional Top Copes >2, Add	*0.69*	
		For Structural Tees, WT, MT Or ST, Deduct	*-28.96*	
		For Skewed Or Sloped Connections, Add	*11.13*	
05 12 23 00-0360	LF	W8 x 24 A992/A36 Structural Beam Or Girder	84.40	20.50
		For Hot Dip Galvanizing, Add	*17.36*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.60*	
		For High Strength Low Alloy A588 Steel, Add	*16.88*	
		For Each Additional Top Copes >2, Add	*0.63*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.26*	
		For Skewed Or Sloped Connections, Add	*10.13*	
05 12 23 00-0361	LF	W8 x 21 A992/A36 Structural Beam Or Girder	78.53	19.03
		For Hot Dip Galvanizing, Add	*16.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.07*	
		For High Strength Low Alloy A588 Steel, Add	*15.71*	
		For Each Additional Top Copes >2, Add	*0.58*	
		For Structural Tees, WT, MT Or ST, Deduct	*-24.43*	
		For Skewed Or Sloped Connections, Add	*9.42*	
05 12 23 00-0362	LF	W8 x 18 A992/A36 Structural Beam Or Girder	68.42	17.69
		For Hot Dip Galvanizing, Add	*13.74*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.16*	
		For High Strength Low Alloy A588 Steel, Add	*13.68*	
		For Each Additional Top Copes >2, Add	*0.50*	
		For Structural Tees, WT, MT Or ST, Deduct	*-21.11*	
		For Skewed Or Sloped Connections, Add	*8.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0363	LF	W8 x 10 A992/A36 Structural Beam Or Girder	37.51	12.69
		For Hot Dip Galvanizing, Add	*6.68*	
		For High Strength Low Alloy A572-50 Steel, Add	*3.38*	
		For High Strength Low Alloy A588 Steel, Add	*7.50*	
		For Each Additional Top Copes >2, Add	*0.24*	
		For Structural Tees, WT, MT Or ST, Deduct	*-11.11*	
		For Skewed Or Sloped Connections, Add	*4.50*	
05 12 23 00-0364	LF	W6 x 9 A992/A36 Structural Beam Or Girder	34.76	10.37
		For Hot Dip Galvanizing, Add	*6.60*	
		For High Strength Low Alloy A572-50 Steel, Add	*3.13*	
		For High Strength Low Alloy A588 Steel, Add	*6.95*	
		For Each Additional Top Copes >2, Add	*0.24*	
		For Structural Tees, WT, MT Or ST, Deduct	*-10.52*	
		For Skewed Or Sloped Connections, Add	*4.17*	
05 12 23 00-0365		A992/A36 Structural Steel, M Shapes *(05 12 23 00-0147)*		
		Note: Includes material delivery and erection.		
05 12 23 00-0366	LF	M14 x 18 A992/A36 Structural Steel	66.58	16.07
		For Hot Dip Galvanizing, Add	*13.73*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.99*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.32*	
05 12 23 00-0367	LF	M12 x 11.8 A992/A36 Structural Steel	47.58	14.21
		For Hot Dip Galvanizing, Add	*9.00*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.28*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.52*	
05 12 23 00-0368	LF	M10 x 9 A992/A36 Structural Steel	36.89	11.41
		For Hot Dip Galvanizing, Add	*6.86*	
		For High Strength Low Alloy A572-50 Steel, Add	*3.32*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.38*	
05 12 23 00-0369	LF	M8 x 6.5 A992/A36 Structural Steel	26.64	8.23
		For Hot Dip Galvanizing, Add	*4.96*	
		For High Strength Low Alloy A572-50 Steel, Add	*2.40*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*5.33*	
05 12 23 00-0370	LF	M6 x 20 A992/A36 Structural Steel	75.70	19.65
		For Hot Dip Galvanizing, Add	*15.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.81*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.14*	
05 12 23 00-0371	LF	M6 x 4.4 A992/A36 Structural Steel	18.02	5.57
		For Hot Dip Galvanizing, Add	*3.35*	
		For High Strength Low Alloy A572-50 Steel, Add	*1.62*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*3.60*	
05 12 23 00-0372	LF	M5 x 18.9 A992/A36 Structural Steel	72.83	19.65
		For Hot Dip Galvanizing, Add	*14.39*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.55*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.57*	
05 12 23 00-0373	LF	M4 x 13 A992/A36 Structural Steel	59.59	19.28
		For Hot Dip Galvanizing, Add	*10.85*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.36*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.92*	
05 12 23 00-0374		A992/A36 Structural Steel, S Shapes *(05 12 23 00-0147)*		
		Note: Includes material delivery and erection.		
05 12 23 00-0375	LF	S24 x 121 A992/A36 Structural Steel	401.72	81.38
		For Hot Dip Galvanizing, Add	*87.40*	
		For High Strength Low Alloy A572-50 Steel, Add	*36.15*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*80.34*	
05 12 23 00-0376	LF	S24 x 106 A992/A36 Structural Steel	355.92	75.05
		For Hot Dip Galvanizing, Add	*76.57*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.03*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*71.18*	
05 12 23 00-0377	LF	S24 x 100 A992/A36 Structural Steel	339.74	74.52
		For Hot Dip Galvanizing, Add	*72.23*	
		For High Strength Low Alloy A572-50 Steel, Add	*30.58*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*67.95*	
05 12 23 00-0378	LF	S24 x 90 A992/A36 Structural Steel	309.53	70.60
		For Hot Dip Galvanizing, Add	*65.01*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.86*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*61.91*	
05 12 23 00-0379	LF	S24 x 80 A992/A36 Structural Steel	278.65	66.07
		For Hot Dip Galvanizing, Add	*57.78*	
		For High Strength Low Alloy A572-50 Steel, Add	*25.08*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*55.73*	
05 12 23 00-0380	LF	S20 x 96 A992/A36 Structural Steel	326.16	71.54
		For Hot Dip Galvanizing, Add	*69.34*	
		For High Strength Low Alloy A572-50 Steel, Add	*29.35*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*65.23*	
05 12 23 00-0381	LF	S20 x 86 A992/A36 Structural Steel	295.78	67.47
		For Hot Dip Galvanizing, Add	*62.12*	
		For High Strength Low Alloy A572-50 Steel, Add	*26.62*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*59.16*	
05 12 23 00-0382	LF	S20 x 75 A992/A36 Structural Steel	261.24	61.94
		For Hot Dip Galvanizing, Add	*54.17*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.51*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*52.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0383	LF	S20 x 66 A992/A36 Structural Steel	232.95	57.36
		For Hot Dip Galvanizing, Add	*47.67*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.97*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*46.59*	
05 12 23 00-0384	LF	S18 x 70 A992/A36 Structural Steel	247.07	60.85
		For Hot Dip Galvanizing, Add	*50.56*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.24*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*49.41*	
05 12 23 00-0385	LF	S18 x 54.7 A992/A36 Structural Steel	195.74	50.04
		For Hot Dip Galvanizing, Add	*39.51*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.62*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*39.15*	
05 12 23 00-0386	LF	S15 x 50 A992/A36 Structural Steel	181.49	48.15
		For Hot Dip Galvanizing, Add	*36.12*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.33*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*36.30*	
05 12 23 00-0387	LF	S15 x 42.9 A992/A36 Structural Steel	158.03	43.49
		For Hot Dip Galvanizing, Add	*30.99*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.22*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*31.61*	
05 12 23 00-0388	LF	S12 x 50 A992/A36 Structural Steel	178.93	45.75
		For Hot Dip Galvanizing, Add	*36.12*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.10*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*35.79*	
05 12 23 00-0389	LF	S12 x 40.8 A992/A36 Structural Steel	148.09	39.30
		For Hot Dip Galvanizing, Add	*29.47*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.33*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*29.62*	
05 12 23 00-0390	LF	S12 x 35 A992/A36 Structural Steel	128.92	35.48
		For Hot Dip Galvanizing, Add	*25.28*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.60*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.78*	
05 12 23 00-0391	LF	S12 x 31.8 A992/A36 Structural Steel	118.96	33.93
		For Hot Dip Galvanizing, Add	*22.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.71*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.79*	
05 12 23 00-0392	LF	S10 x 35 A992/A36 Structural Steel	130.93	37.36
		For Hot Dip Galvanizing, Add	*25.28*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.78*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.19*	
05 12 23 00-0393	LF	S10 x 25.4 A992/A36 Structural Steel	96.53	28.53
		For Hot Dip Galvanizing, Add	*18.35*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.69*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.31*	
05 12 23 00-0394	LF	S8 x 23 A992/A36 Structural Steel	87.42	25.83
		For Hot Dip Galvanizing, Add	*16.61*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.87*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.48*	
05 12 23 00-0395	LF	S8 x 18.4 A992/A36 Structural Steel	71.09	21.76
		For Hot Dip Galvanizing, Add	*13.29*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.40*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.22*	
05 12 23 00-0396	LF	S7 x 20 A992/A36 Structural Steel	77.27	23.65
		For Hot Dip Galvanizing, Add	*14.45*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.95*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.45*	
05 12 23 00-0397	LF	S7 x 15.3 A992/A36 Structural Steel	60.13	19.05
		For Hot Dip Galvanizing, Add	*11.05*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.41*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.03*	
05 12 23 00-0398	LF	S6 x 17.25 A992/A36 Structural Steel	66.87	20.61
		For Hot Dip Galvanizing, Add	*12.46*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.02*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.37*	
05 12 23 00-0399	LF	S6 x 12.5 A992/A36 Structural Steel	57.20	19.03
		For Hot Dip Galvanizing, Add	*10.22*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.15*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.44*	
05 12 23 00-0400	LF	S5 x 14.75 A992/A36 Structural Steel	61.00	19.40
		For Hot Dip Galvanizing, Add	*11.21*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.49*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.20*	
05 12 23 00-0401	LF	S5 x 10 A992/A36 Structural Steel	51.59	18.91
		For Hot Dip Galvanizing, Add	*8.69*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.64*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.32*	
05 12 23 00-0402	LF	S4 x 9.5 A992/A36 Structural Steel	50.14	18.91
		For Hot Dip Galvanizing, Add	*8.29*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.51*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.03*	
05 12 23 00-0403	LF	S4 x 7.7 A992/A36 Structural Steel	46.78	18.91
		For Hot Dip Galvanizing, Add	*7.40*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.21*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0404	LF	S3 x 7.5 A992/A36 Structural Steel	46.46	18.91
		For Hot Dip Galvanizing, Add	*7.31*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.18*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.29*	
05 12 23 00-0405	LF	S3 x 5.7 A992/A36 Structural Steel	42.46	18.79
		For Hot Dip Galvanizing, Add	*6.23*	
		For High Strength Low Alloy A572-50 Steel, Add	*3.82*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.49*	

05 12 23 00-0406 A992/A36 Structural Steel, HP Shapes *(05 12 23 00-0147)*

Note: Includes material delivery and erection.

05 12 23 00-0407	LF	HP14 x 117 A992/A36 Structural Steel	249.39	24.11
		For Hot Dip Galvanizing, Add	*62.07*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.45*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*49.88*	
05 12 23 00-0408	LF	HP14 x 102 A992/A36 Structural Steel	218.12	22.43
		For Hot Dip Galvanizing, Add	*53.89*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.63*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*43.62*	
05 12 23 00-0409	LF	HP14 x 89 A992/A36 Structural Steel	194.25	21.04
		For Hot Dip Galvanizing, Add	*47.68*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.48*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*38.85*	
05 12 23 00-0410	LF	HP14 x 73 A992/A36 Structural Steel	160.65	19.83
		For Hot Dip Galvanizing, Add	*38.71*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.46*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*32.13*	
05 12 23 00-0411	LF	HP13 x 100 A992/A36 Structural Steel	213.85	22.00
		For Hot Dip Galvanizing, Add	*52.84*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.25*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*42.77*	
05 12 23 00-0412	LF	HP13 x 87 A992/A36 Structural Steel	189.90	20.58
		For Hot Dip Galvanizing, Add	*46.61*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.09*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*37.98*	
05 12 23 00-0413	LF	HP13 x 73 A992/A36 Structural Steel	160.65	19.83
		For Hot Dip Galvanizing, Add	*38.71*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.46*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*32.13*	
05 12 23 00-0414	LF	HP13 x 60 A992/A36 Structural Steel	135.95	19.01
		For Hot Dip Galvanizing, Add	*32.10*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.24*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*27.19*	
05 12 23 00-0415	LF	HP12 x 84 A992/A36 Structural Steel	178.98	21.70
		For Hot Dip Galvanizing, Add	*43.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.11*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*35.80*	
05 12 23 00-0416	LF	HP12 x 74 A992/A36 Structural Steel	158.03	20.46
		For Hot Dip Galvanizing, Add	*37.80*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.22*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*31.61*	
05 12 23 00-0417	LF	HP12 x 63 A992/A36 Structural Steel	135.95	18.81
		For Hot Dip Galvanizing, Add	*32.16*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.24*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*27.19*	
05 12 23 00-0418	LF	HP12 x 53 A992/A36 Structural Steel	124.60	17.89
		For Hot Dip Galvanizing, Add	*29.28*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.21*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.92*	
05 12 23 00-0419	LF	HP10 x 57 A992/A36 Structural Steel	131.30	18.36
		For Hot Dip Galvanizing, Add	*31.01*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.82*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.26*	
05 12 23 00-0420	LF	HP10 x 42 A992/A36 Structural Steel	108.06	17.21
		For Hot Dip Galvanizing, Add	*24.89*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.73*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.61*	
05 12 23 00-0421	LF	HP8 x 36 A992/A36 Structural Steel	93.86	16.22
		For Hot Dip Galvanizing, Add	*21.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.45*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*18.77*	

05 12 23 00-0422 Lightweight Framing Steel Shapes *(05 12 23)*

Note: Includes cutting to length. Excludes fasteners or welds. When used with structural steel shapes by TON, connecting bolts or welds are considered included with structural steel tasks by TON.

05 12 23 00-0423 Angle Iron - L *(05 12 23 00-0422)*

05 12 23 00-0424 1/8" Thick *(05 12 23 00-0423)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0425	LF	1/2" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	2.77	1.64
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.36*	
		For >1,000, Deduct	*-0.48*	
		For 316 Stainless Steel, Add	*1.82*	
		For Galvanized Steel, Add	*0.35*	
		For Aluminum, Add	*0.10*	
		For 304 Stainless Steel, Add	*1.62*	
		For High Strength Steel (HSS), Add	*0.55*	
05 12 23 00-0426	LF	3/4" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	3.22	1.86
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1,000, Deduct	*-0.41*	
		For >1,000, Deduct	*-0.55*	
		For 316 Stainless Steel, Add	*2.34*	
		For Galvanized Steel, Add	*0.45*	
		For Aluminum, Add	*0.13*	
		For 304 Stainless Steel, Add	*2.08*	
		For High Strength Steel (HSS), Add	*0.64*	
05 12 23 00-0427	LF	3/4" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	3.63	2.06
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.30*	
		For >500 To 1,000, Deduct	*-0.46*	
		For >1,000, Deduct	*-0.61*	
		For 316 Stainless Steel, Add	*2.85*	
		For Galvanized Steel, Add	*0.55*	
		For Aluminum, Add	*0.16*	
		For 304 Stainless Steel, Add	*2.54*	
		For High Strength Steel (HSS), Add	*0.73*	
05 12 23 00-0428	LF	1" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	4.09	2.29
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.33*	
		For >500 To 1,000, Deduct	*-0.51*	
		For >1,000, Deduct	*-0.69*	
		For 316 Stainless Steel, Add	*3.33*	
		For Galvanized Steel, Add	*0.64*	
		For Aluminum, Add	*0.19*	
		For 304 Stainless Steel, Add	*2.96*	
		For High Strength Steel (HSS), Add	*0.82*	
05 12 23 00-0429	LF	1" x 1" x 1/8" Thick, Plain Steel Angle Iron	4.51	2.47
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.56*	
		For >1,000, Deduct	*-0.75*	
		For 316 Stainless Steel, Add	*3.87*	
		For Galvanized Steel, Add	*0.75*	
		For Aluminum, Add	*0.22*	
		For 304 Stainless Steel, Add	*3.45*	
		For High Strength Steel (HSS), Add	*0.90*	
05 12 23 00-0430	LF	1-1/4" x 1-1/4" x 1/8" Thick, Plain Steel Angle Iron	5.41	2.91
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-0.66*	
		For >1,000, Deduct	*-0.89*	
		For 316 Stainless Steel, Add	*4.90*	
		For Galvanized Steel, Add	*0.95*	
		For Aluminum, Add	*0.28*	
		For 304 Stainless Steel, Add	*4.36*	
		For High Strength Steel (HSS), Add	*1.08*	
05 12 23 00-0431	LF	1-1/2" x 1" x 1/8" Thick, Plain Steel Angle Iron	5.41	2.91
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-0.66*	
		For >1,000, Deduct	*-0.89*	
		For 316 Stainless Steel, Add	*4.90*	
		For Galvanized Steel, Add	*0.95*	
		For Aluminum, Add	*0.28*	
		For 304 Stainless Steel, Add	*4.36*	
		For High Strength Steel (HSS), Add	*1.08*	
05 12 23 00-0432	LF	1-1/2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	6.48	3.48
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000, Deduct	*-1.07*	
		For 316 Stainless Steel, Add	*5.89*	
		For Galvanized Steel, Add	*1.14*	
		For Aluminum, Add	*0.33*	
		For 304 Stainless Steel, Add	*5.24*	
		For High Strength Steel (HSS), Add	*1.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0433	LF	2" x 2" x 1/8" Thick, Plain Steel Angle Iron	8.81	4.73
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.07*	
		For >1,000, Deduct	*-1.45*	
		For 316 Stainless Steel, Add	*8.00*	
		For Galvanized Steel, Add	*1.55*	
		For Aluminum, Add	*0.45*	
		For 304 Stainless Steel, Add	*7.13*	
		For High Strength Steel (HSS), Add	*1.76*	
05 12 23 00-0434		3/16" Thick *(05 12 23 00-0423)*		
05 12 23 00-0435	LF	1-1/4" x 1-1/4" x 3/16" Thick, Plain Steel Angle Iron	6.34	3.07
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.73*	
		For >1,000, Deduct	*-0.99*	
		For 316 Stainless Steel, Add	*7.17*	
		For Galvanized Steel, Add	*1.39*	
		For Aluminum, Add	*0.40*	
		For 304 Stainless Steel, Add	*6.38*	
		For High Strength Steel (HSS), Add	*1.27*	
05 12 23 00-0436	LF	1-1/2" x 1" x 3/16" Thick, Plain Steel Angle Iron	6.34	3.07
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.73*	
		For >1,000, Deduct	*-0.99*	
		For 316 Stainless Steel, Add	*7.17*	
		For Galvanized Steel, Add	*1.39*	
		For Aluminum, Add	*0.40*	
		For 304 Stainless Steel, Add	*6.38*	
		For High Strength Steel (HSS), Add	*1.27*	
05 12 23 00-0437	LF	1-1/2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	7.11	3.30
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000, Deduct	*-1.08*	
		For 316 Stainless Steel, Add	*8.70*	
		For Galvanized Steel, Add	*1.69*	
		For Aluminum, Add	*0.49*	
		For 304 Stainless Steel, Add	*7.75*	
		For High Strength Steel (HSS), Add	*1.42*	
05 12 23 00-0438	LF	2" x 2" x 3/16" Thick, Plain Steel Angle Iron	8.41	3.53
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000, Deduct	*-1.22*	
		For 316 Stainless Steel, Add	*11.84*	
		For Galvanized Steel, Add	*2.29*	
		For Aluminum, Add	*0.67*	
		For 304 Stainless Steel, Add	*10.55*	
		For High Strength Steel (HSS), Add	*1.68*	
05 12 23 00-0439	LF	2-1/2" x 2" x 3/16" Thick, Plain Steel Angle Iron	9.21	3.78
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-0.96*	
		For >1,000, Deduct	*-1.32*	
		For 316 Stainless Steel, Add	*13.34*	
		For Galvanized Steel, Add	*2.59*	
		For Aluminum, Add	*0.75*	
		For 304 Stainless Steel, Add	*11.88*	
		For High Strength Steel (HSS), Add	*1.84*	
05 12 23 00-0440	LF	2-1/2" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	10.06	4.05
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.04*	
		For >1,000, Deduct	*-1.43*	
		For 316 Stainless Steel, Add	*14.91*	
		For Galvanized Steel, Add	*2.89*	
		For Aluminum, Add	*0.84*	
		For 304 Stainless Steel, Add	*13.28*	
		For High Strength Steel (HSS), Add	*2.01*	
05 12 23 00-0441	LF	3" x 2" x 3/16" Thick, Plain Steel Angle Iron	10.05	4.05
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.04*	
		For >1,000, Deduct	*-1.43*	
		For 316 Stainless Steel, Add	*14.88*	
		For Galvanized Steel, Add	*2.88*	
		For Aluminum, Add	*0.84*	
		For 304 Stainless Steel, Add	*13.25*	
		For High Strength Steel (HSS), Add	*2.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0442	LF	3" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	11.11	4.47
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1,000, Deduct	*-1.15*	
		For >1,000, Deduct	*-1.58*	
		For 316 Stainless Steel, Add	*16.45*	
		For Galvanized Steel, Add	*3.19*	
		For Aluminum, Add	*0.93*	
		For 304 Stainless Steel, Add	*14.65*	
		For High Strength Steel (HSS), Add	*2.22*	
05 12 23 00-0443	LF	3" x 3" x 3/16" Thick, Plain Steel Angle Iron	12.15	4.90
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.79*	
		For >500 To 1,000, Deduct	*-1.26*	
		For >1,000, Deduct	*-1.73*	
		For 316 Stainless Steel, Add	*17.98*	
		For Galvanized Steel, Add	*3.48*	
		For Aluminum, Add	*1.01*	
		For 304 Stainless Steel, Add	*16.02*	
		For High Strength Steel (HSS), Add	*2.43*	

05 12 23 00-0444 1/4" Thick *(05 12 23 00-0423)*

05 12 23 00-0445	LF	1-1/2" x 1" x 1/4" Thick, Plain Steel Angle Iron	7.20	3.24
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000, Deduct	*-1.08*	
		For 316 Stainless Steel, Add	*9.18*	
		For Galvanized Steel, Add	*1.78*	
		For Aluminum, Add	*0.52*	
		For 304 Stainless Steel, Add	*8.18*	
		For High Strength Steel (HSS), Add	*1.44*	
05 12 23 00-0446	LF	1-1/2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	8.15	3.48
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-0.87*	
		For >1,000, Deduct	*-1.19*	
		For 316 Stainless Steel, Add	*11.23*	
		For Galvanized Steel, Add	*2.18*	
		For Aluminum, Add	*0.63*	
		For 304 Stainless Steel, Add	*10.00*	
		For High Strength Steel (HSS), Add	*1.63*	
05 12 23 00-0447	LF	2" x 2" x 1/4" Thick, Plain Steel Angle Iron	9.76	3.71
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-0.98*	
		For >1,000, Deduct	*-1.35*	
		For 316 Stainless Steel, Add	*15.42*	
		For Galvanized Steel, Add	*2.99*	
		For Aluminum, Add	*0.87*	
		For 304 Stainless Steel, Add	*13.74*	
		For High Strength Steel (HSS), Add	*1.95*	
05 12 23 00-0448	LF	2-1/2" x 2" x 1/4" Thick, Plain Steel Angle Iron	10.96	4.10
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1,000, Deduct	*-1.10*	
		For >1,000, Deduct	*-1.51*	
		For 316 Stainless Steel, Add	*17.57*	
		For Galvanized Steel, Add	*3.40*	
		For Aluminum, Add	*0.99*	
		For 304 Stainless Steel, Add	*15.65*	
		For High Strength Steel (HSS), Add	*2.19*	
05 12 23 00-0449	LF	2-1/2" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	12.20	4.50
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.76*	
		For >500 To 1,000, Deduct	*-1.21*	
		For >1,000, Deduct	*-1.67*	
		For 316 Stainless Steel, Add	*19.84*	
		For Galvanized Steel, Add	*3.84*	
		For Aluminum, Add	*1.12*	
		For 304 Stainless Steel, Add	*17.67*	
		For High Strength Steel (HSS), Add	*2.44*	
05 12 23 00-0450	LF	3" x 2" x 1/4" Thick, Plain Steel Angle Iron	12.20	4.50
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.76*	
		For >500 To 1,000, Deduct	*-1.21*	
		For >1,000, Deduct	*-1.67*	
		For 316 Stainless Steel, Add	*19.84*	
		For Galvanized Steel, Add	*3.84*	
		For Aluminum, Add	*1.12*	
		For 304 Stainless Steel, Add	*17.67*	
		For High Strength Steel (HSS), Add	*2.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0451	LF	3" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	13.48	5.00
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 1,000, Deduct	*-1.34*	
		For >1,000, Deduct	*-1.84*	
		For 316 Stainless Steel, Add	*21.82*	
		For Galvanized Steel, Add	*4.23*	
		For Aluminum, Add	*1.23*	
		For 304 Stainless Steel, Add	*19.44*	
		For High Strength Steel (HSS), Add	*2.70*	
05 12 23 00-0452	LF	3" x 3" x 1/4" Thick, Plain Steel Angle Iron	14.73	5.49
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.92*	
		For >500 To 1,000, Deduct	*-1.47*	
		For >1,000, Deduct	*-2.02*	
		For 316 Stainless Steel, Add	*23.71*	
		For Galvanized Steel, Add	*4.59*	
		For Aluminum, Add	*1.33*	
		For 304 Stainless Steel, Add	*21.12*	
		For High Strength Steel (HSS), Add	*2.95*	
05 12 23 00-0453	LF	3-1/2" x 3" x 1/4" Thick, Plain Steel Angle Iron	16.03	5.91
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-0.99*	
		For >500 To 1,000, Deduct	*-1.59*	
		For >1,000, Deduct	*-2.19*	
		For 316 Stainless Steel, Add	*26.11*	
		For Galvanized Steel, Add	*5.06*	
		For Aluminum, Add	*1.47*	
		For 304 Stainless Steel, Add	*23.26*	
		For High Strength Steel (HSS), Add	*3.21*	
05 12 23 00-0454	LF	3-1/2" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	17.01	0.61
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.04*	
		For >500 To 1,000, Deduct	*-1.67*	
		For >1,000, Deduct	*-2.30*	
		For 316 Stainless Steel, Add	*28.13*	
		For Galvanized Steel, Add	*5.45*	
		For Aluminum, Add	*1.58*	
		For 304 Stainless Steel, Add	*25.05*	
		For High Strength Steel (HSS), Add	*3.40*	
05 12 23 00-0455	LF	4" x 3" x 1/4" Thick, Plain Steel Angle Iron	17.01	6.17
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.04*	
		For >500 To 1,000, Deduct	*-1.67*	
		For >1,000, Deduct	*-2.30*	
		For 316 Stainless Steel, Add	*28.13*	
		For Galvanized Steel, Add	*5.45*	
		For Aluminum, Add	*1.58*	
		For 304 Stainless Steel, Add	*25.05*	
		For High Strength Steel (HSS), Add	*3.40*	
05 12 23 00-0456	LF	4" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	17.94	6.42
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.09*	
		For >500 To 1,000, Deduct	*-1.75*	
		For >1,000, Deduct	*-2.42*	
		For 316 Stainless Steel, Add	*29.98*	
		For Galvanized Steel, Add	*5.81*	
		For Aluminum, Add	*1.69*	
		For 304 Stainless Steel, Add	*26.70*	
		For High Strength Steel (HSS), Add	*3.59*	
05 12 23 00-0457	LF	4" x 4" x 1/4" Thick, Plain Steel Angle Iron	18.93	6.69
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.84*	
		For >1,000, Deduct	*-2.54*	
		For 316 Stainless Steel, Add	*32.00*	
		For Galvanized Steel, Add	*6.20*	
		For Aluminum, Add	*1.80*	
		For 304 Stainless Steel, Add	*28.50*	
		For High Strength Steel (HSS), Add	*3.79*	
05 12 23 00-0458	LF	5" x 3" x 1/4" Thick, Plain Steel Angle Iron	18.93	6.69
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.84*	
		For >1,000, Deduct	*-2.54*	
		For 316 Stainless Steel, Add	*32.00*	
		For Galvanized Steel, Add	*6.20*	
		For Aluminum, Add	*1.80*	
		For 304 Stainless Steel, Add	*28.50*	
		For High Strength Steel (HSS), Add	*3.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0459	LF	5" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	19.99	7.05
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.21*	
		For >500 To 1,000, Deduct	*-1.94*	
		For >1,000, Deduct	*-2.68*	
		For 316 Stainless Steel, Add	*33.86*	
		For Galvanized Steel, Add	*6.56*	
		For Aluminum, Add	*1.90*	
		For 304 Stainless Steel, Add	*30.15*	
		For High Strength Steel (HSS), Add	*4.00*	
05 12 23 00-0460		5/16" Thick *(05 12 23 00-0423)*		
05 12 23 00-0461	LF	2-1/2" x 2" x 5/16" Thick, Plain Steel Angle Iron	13.18	4.77
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.81*	
		For >500 To 1,000, Deduct	*-1.30*	
		For >1,000, Deduct	*-1.78*	
		For 316 Stainless Steel, Add	*21.82*	
		For Galvanized Steel, Add	*4.23*	
		For Aluminum, Add	*1.23*	
		For 304 Stainless Steel, Add	*19.44*	
		For High Strength Steel (HSS), Add	*2.64*	
05 12 23 00-0462	LF	2-1/2" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	14.32	5.06
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.86*	
		For >500 To 1,000, Deduct	*-1.39*	
		For >1,000, Deduct	*-1.92*	
		For 316 Stainless Steel, Add	*24.26*	
		For Galvanized Steel, Add	*4.70*	
		For Aluminum, Add	*1.36*	
		For 304 Stainless Steel, Add	*21.60*	
		For High Strength Steel (HSS), Add	*2.86*	
05 12 23 00-0463	LF	3" x 2" x 5/16" Thick, Plain Steel Angle Iron	14.32	5.06
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.86*	
		For >500 To 1,000, Deduct	*-1.39*	
		For >1,000, Deduct	*-1.92*	
		For 316 Stainless Steel, Add	*24.26*	
		For Galvanized Steel, Add	*4.70*	
		For Aluminum, Add	*1.36*	
		For 304 Stainless Steel, Add	*21.60*	
		For High Strength Steel (HSS), Add	*2.86*	
05 12 23 00-0464	LF	3" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	15.89	5.54
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.95*	
		For >500 To 1,000, Deduct	*-1.53*	
		For >1,000, Deduct	*-2.12*	
		For 316 Stainless Steel, Add	*27.17*	
		For Galvanized Steel, Add	*5.26*	
		For Aluminum, Add	*1.53*	
		For 304 Stainless Steel, Add	*24.20*	
		For High Strength Steel (HSS), Add	*3.18*	
05 12 23 00-0465	LF	3" x 3" x 5/16" Thick, Plain Steel Angle Iron	17.28	6.03
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.04*	
		For >500 To 1,000, Deduct	*-1.67*	
		For >1,000, Deduct	*-2.30*	
		For 316 Stainless Steel, Add	*29.57*	
		For Galvanized Steel, Add	*5.73*	
		For Aluminum, Add	*1.66*	
		For 304 Stainless Steel, Add	*26.33*	
		For High Strength Steel (HSS), Add	*3.46*	
05 12 23 00-0466	LF	3-1/2" x 3" x 5/16" Thick, Plain Steel Angle Iron	18.44	6.33
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.09*	
		For >500 To 1,000, Deduct	*-1.77*	
		For >1,000, Deduct	*-2.44*	
		For 316 Stainless Steel, Add	*32.00*	
		For Galvanized Steel, Add	*6.20*	
		For Aluminum, Add	*1.80*	
		For 304 Stainless Steel, Add	*28.50*	
		For High Strength Steel (HSS), Add	*3.69*	
05 12 23 00-0467	LF	3-1/2" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	19.74	6.64
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.16*	
		For >500 To 1,000, Deduct	*-1.87*	
		For >1,000, Deduct	*-2.59*	
		For 316 Stainless Steel, Add	*34.82*	
		For Galvanized Steel, Add	*6.75*	
		For Aluminum, Add	*1.96*	
		For 304 Stainless Steel, Add	*31.01*	
		For High Strength Steel (HSS), Add	*3.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0468	LF	4" x 3" x 5/16" Thick, Plain Steel Angle Iron	19.74	6.64
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.16*	
		For >500 To 1,000, Deduct	*-1.87*	
		For >1,000, Deduct	*-2.59*	
		For 316 Stainless Steel, Add	*34.82*	
		For Galvanized Steel, Add	*6.75*	
		For Aluminum, Add	*1.96*	
		For 304 Stainless Steel, Add	*31.01*	
		For High Strength Steel (HSS), Add	*3.95*	
05 12 23 00-0469	LF	4" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	21.01	7.02
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.23*	
		For >500 To 1,000, Deduct	*-1.99*	
		For >1,000, Deduct	*-2.75*	
		For 316 Stainless Steel, Add	*37.25*	
		For Galvanized Steel, Add	*7.22*	
		For Aluminum, Add	*2.10*	
		For 304 Stainless Steel, Add	*33.17*	
		For High Strength Steel (HSS), Add	*4.20*	
05 12 23 00-0470	LF	4" x 4" x 5/16" Thick, Plain Steel Angle Iron	22.22	7.34
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.29*	
		For >500 To 1,000, Deduct	*-2.09*	
		For >1,000, Deduct	*-2.89*	
		For 316 Stainless Steel, Add	*39.78*	
		For Galvanized Steel, Add	*7.71*	
		For Aluminum, Add	*2.24*	
		For 304 Stainless Steel, Add	*35.43*	
		For High Strength Steel (HSS), Add	*4.44*	
05 12 23 00-0471	LF	5" x 3" x 5/16" Thick, Plain Steel Angle Iron	22.22	7.34
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.29*	
		For >500 To 1,000, Deduct	*-2.09*	
		For >1,000, Deduct	*-2.89*	
		For 316 Stainless Steel, Add	*39.78*	
		For Galvanized Steel, Add	*7.71*	
		For Aluminum, Add	*2.24*	
		For 304 Stainless Steel, Add	*35.43*	
		For High Strength Steel (HSS), Add	*4.44*	
05 12 23 00-0472	LF	5" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	23.34	7.65
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.35*	
		For >500 To 1,000, Deduct	*-2.19*	
		For >1,000, Deduct	*-3.02*	
		For 316 Stainless Steel, Add	*42.08*	
		For Galvanized Steel, Add	*8.15*	
		For Aluminum, Add	*2.37*	
		For 304 Stainless Steel, Add	*37.48*	
		For High Strength Steel (HSS), Add	*4.67*	
05 12 23 00-0473	LF	5" x 5" x 5/16" Thick, Plain Steel Angle Iron	26.23	7.97
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.45*	
		For >500 To 1,000, Deduct	*-2.37*	
		For >1,000, Deduct	*-3.29*	
		For 316 Stainless Steel, Add	*49.95*	
		For Galvanized Steel, Add	*9.68*	
		For Aluminum, Add	*2.81*	
		For 304 Stainless Steel, Add	*44.49*	
		For High Strength Steel (HSS), Add	*5.25*	
05 12 23 00-0474	LF	6" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	25.88	8.30
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.48*	
		For >500 To 1,000, Deduct	*-2.40*	
		For >1,000, Deduct	*-3.32*	
		For 316 Stainless Steel, Add	*47.39*	
		For Galvanized Steel, Add	*9.18*	
		For Aluminum, Add	*2.67*	
		For 304 Stainless Steel, Add	*42.21*	
		For High Strength Steel (HSS), Add	*5.18*	
05 12 23 00-0475		3/8" Thick *(05 12 23 00-0423)*		
05 12 23 00-0476	LF	3" x 2" x 3/8" Thick, Plain Steel Angle Iron	15.97	5.29
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.93*	
		For >500 To 1,000, Deduct	*-1.50*	
		For >1,000, Deduct	*-2.08*	
		For 316 Stainless Steel, Add	*28.54*	
		For Galvanized Steel, Add	*5.53*	
		For Aluminum, Add	*1.61*	
		For 304 Stainless Steel, Add	*25.42*	
		For High Strength Steel (HSS), Add	*3.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0477	LF	3" x 2-1/2" x 3/8" Thick, Plain Steel Angle Iron	17.65	5.73
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.02*	
		For >500 To 1,000, Deduct	*-1.65*	
		For >1,000, Deduct	*-2.28*	
		For 316 Stainless Steel, Add	*32.00*	
		For Galvanized Steel, Add	*6.20*	
		For Aluminum, Add	*1.80*	
		For 304 Stainless Steel, Add	*28.50*	
		For High Strength Steel (HSS), Add	*3.53*	
05 12 23 00-0478	LF	3" x 3" x 3/8" Thick, Plain Steel Angle Iron	19.11	6.18
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.10*	
		For >500 To 1,000, Deduct	*-1.78*	
		For >1,000, Deduct	*-2.46*	
		For 316 Stainless Steel, Add	*34.82*	
		For Galvanized Steel, Add	*6.75*	
		For Aluminum, Add	*1.96*	
		For 304 Stainless Steel, Add	*31.01*	
		For High Strength Steel (HSS), Add	*3.82*	
05 12 23 00-0479	LF	3-1/2" x 3" x 3/8" Thick, Plain Steel Angle Iron	20.43	6.35
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.15*	
		For >500 To 1,000, Deduct	*-1.87*	
		For >1,000, Deduct	*-2.59*	
		For 316 Stainless Steel, Add	*38.30*	
		For Galvanized Steel, Add	*7.42*	
		For Aluminum, Add	*2.15*	
		For 304 Stainless Steel, Add	*34.11*	
		For High Strength Steel (HSS), Add	*4.09*	
05 12 23 00-0480	LF	3-1/2" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	21.77	6.69
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.21*	
		For >500 To 1,000, Deduct	*-1.98*	
		For >1,000, Deduct	*-2.75*	
		For 316 Stainless Steel, Add	*41.12*	
		For Galvanized Steel, Add	*7.97*	
		For Aluminum, Add	*2.31*	
		For 304 Stainless Steel, Add	*36.62*	
		For High Strength Steel (HSS), Add	*4.35*	
05 12 23 00-0481	LF	4" x 3" x 3/8" Thick, Plain Steel Angle Iron	21.77	6.69
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.21*	
		For >500 To 1,000, Deduct	*-1.98*	
		For >1,000, Deduct	*-2.75*	
		For 316 Stainless Steel, Add	*41.12*	
		For Galvanized Steel, Add	*7.97*	
		For Aluminum, Add	*2.31*	
		For 304 Stainless Steel, Add	*36.62*	
		For High Strength Steel (HSS), Add	*4.35*	
05 12 23 00-0482	LF	4" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	23.47	7.30
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.32*	
		For >500 To 1,000, Deduct	*-2.15*	
		For >1,000, Deduct	*-2.98*	
		For 316 Stainless Steel, Add	*44.00*	
		For Galvanized Steel, Add	*8.53*	
		For Aluminum, Add	*2.48*	
		For 304 Stainless Steel, Add	*39.19*	
		For High Strength Steel (HSS), Add	*4.69*	
05 12 23 00-0483	LF	4" x 4" x 3/8" Thick, Plain Steel Angle Iron	24.82	7.51
		For >100 To 250, Deduct	*-0.75*	
		For >250 To 500, Deduct	*-1.37*	
		For >500 To 1,000, Deduct	*-2.24*	
		For >1,000, Deduct	*-3.11*	
		For 316 Stainless Steel, Add	*47.39*	
		For Galvanized Steel, Add	*9.18*	
		For Aluminum, Add	*2.67*	
		For 304 Stainless Steel, Add	*42.21*	
		For High Strength Steel (HSS), Add	*4.96*	
05 12 23 00-0484	LF	5" x 3" x 3/8" Thick, Plain Steel Angle Iron	25.21	7.80
		For >100 To 250, Deduct	*-0.78*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.30*	
		For >1,000, Deduct	*-3.19*	
		For 316 Stainless Steel, Add	*47.39*	
		For Galvanized Steel, Add	*9.18*	
		For Aluminum, Add	*2.67*	
		For 304 Stainless Steel, Add	*42.21*	
		For High Strength Steel (HSS), Add	*5.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0485	LF	5" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	26.94	8.40
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.52*	
		For >500 To 1,000, Deduct	*-2.47*	
		For >1,000, Deduct	*-3.42*	
		For 316 Stainless Steel, Add	*50.30*	
		For Galvanized Steel, Add	*9.75*	
		For Aluminum, Add	*2.83*	
		For 304 Stainless Steel, Add	*44.80*	
		For High Strength Steel (HSS), Add	*5.39*	
05 12 23 00-0486	LF	5" x 5" x 3/8" Thick, Plain Steel Angle Iron	31.70	9.80
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.77*	
		For >500 To 1,000, Deduct	*-2.89*	
		For >1,000, Deduct	*-4.01*	
		For 316 Stainless Steel, Add	*59.65*	
		For Galvanized Steel, Add	*11.56*	
		For Aluminum, Add	*3.36*	
		For 304 Stainless Steel, Add	*53.12*	
		For High Strength Steel (HSS), Add	*6.34*	
05 12 23 00-0487	LF	6" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	29.82	9.11
		For >100 To 250, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-1.66*	
		For >500 To 1,000, Deduct	*-2.71*	
		For >1,000, Deduct	*-3.75*	
		For 316 Stainless Steel, Add	*56.58*	
		For Galvanized Steel, Add	*10.96*	
		For Aluminum, Add	*3.18*	
		For 304 Stainless Steel, Add	*50.39*	
		For High Strength Steel (HSS), Add	*5.96*	
05 12 23 00-0488	LF	6" x 4" x 3/8" Thick, Plain Steel Angle Iron	31.70	9.80
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.77*	
		For >500 To 1,000, Deduct	*-2.89*	
		For >1,000, Deduct	*-4.01*	
		For 316 Stainless Steel, Add	*59.65*	
		For Galvanized Steel, Add	*11.56*	
		For Aluminum, Add	*3.36*	
		For 304 Stainless Steel, Add	*53.12*	
		For High Strength Steel (HSS), Add	*6.34*	
05 12 23 00-0489	LF	6" x 6" x 3/8" Thick, Plain Steel Angle Iron	38.25	11.76
		For >100 To 250, Deduct	*-1.18*	
		For >250 To 500, Deduct	*-2.13*	
		For >500 To 1,000, Deduct	*-3.48*	
		For >1,000, Deduct	*-4.83*	
		For 316 Stainless Steel, Add	*72.26*	
		For Galvanized Steel, Add	*14.00*	
		For Aluminum, Add	*4.06*	
		For 304 Stainless Steel, Add	*64.35*	
		For High Strength Steel (HSS), Add	*7.65*	
05 12 23 00-0490	LF	7" x 4" x 3/8" Thick, Plain Steel Angle Iron	34.97	10.78
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.95*	
		For >500 To 1,000, Deduct	*-3.19*	
		For >1,000, Deduct	*-4.42*	
		For 316 Stainless Steel, Add	*65.92*	
		For Galvanized Steel, Add	*12.77*	
		For Aluminum, Add	*3.71*	
		For 304 Stainless Steel, Add	*58.71*	
		For High Strength Steel (HSS), Add	*6.99*	
05 12 23 00-0491		1/2" Thick *(05 12 23 00-0423)*		
05 12 23 00-0492	LF	3" x 3" x 1/2" Thick, Plain Steel Angle Iron	22.65	6.31
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.20*	
		For >500 To 1,000, Deduct	*-1.97*	
		For >1,000, Deduct	*-2.75*	
		For 316 Stainless Steel, Add	*45.57*	
		For Galvanized Steel, Add	*8.83*	
		For Aluminum, Add	*2.56*	
		For 304 Stainless Steel, Add	*40.58*	
		For High Strength Steel (HSS), Add	*4.53*	
05 12 23 00-0493	LF	4" x 3" x 1/2" Thick, Plain Steel Angle Iron	26.76	7.45
		For >100 To 250, Deduct	*-0.75*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.33*	
		For >1,000, Deduct	*-3.25*	
		For 316 Stainless Steel, Add	*53.82*	
		For Galvanized Steel, Add	*10.43*	
		For Aluminum, Add	*3.03*	
		For 304 Stainless Steel, Add	*47.94*	
		For High Strength Steel (HSS), Add	*5.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0494	LF	4" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	28.68	7.98
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.52*	
		For >500 To 1,000, Deduct	*-2.50*	
		For >1,000, Deduct	*-3.48*	
		For 316 Stainless Steel, Add	*57.70*	
		For Galvanized Steel, Add	*11.18*	
		For Aluminum, Add	*3.25*	
		For 304 Stainless Steel, Add	*51.39*	
		For High Strength Steel (HSS), Add	*5.74*	
05 12 23 00-0495	LF	4" x 4" x 1/2" Thick, Plain Steel Angle Iron	30.86	8.60
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.63*	
		For >500 To 1,000, Deduct	*-2.69*	
		For >1,000, Deduct	*-3.75*	
		For 316 Stainless Steel, Add	*62.08*	
		For Galvanized Steel, Add	*12.03*	
		For Aluminum, Add	*3.49*	
		For 304 Stainless Steel, Add	*55.29*	
		For High Strength Steel (HSS), Add	*6.17*	
05 12 23 00-0496	LF	5" x 3" x 1/2" Thick, Plain Steel Angle Iron	30.86	8.60
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.63*	
		For >500 To 1,000, Deduct	*-2.69*	
		For >1,000, Deduct	*-3.75*	
		For 316 Stainless Steel, Add	*62.08*	
		For Galvanized Steel, Add	*12.03*	
		For Aluminum, Add	*3.49*	
		For 304 Stainless Steel, Add	*55.29*	
		For High Strength Steel (HSS), Add	*6.17*	
05 12 23 00-0497	LF	5" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	32.78	9.13
		For >100 To 250, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-1.73*	
		For >500 To 1,000, Deduct	*-2.86*	
		For >1,000, Deduct	*-3.98*	
		For 316 Stainless Steel, Add	*65.95*	
		For Galvanized Steel, Add	*12.78*	
		For Aluminum, Add	*3.71*	
		For 304 Stainless Steel, Add	*58.74*	
		For High Strength Steel (HSS), Add	*6.56*	
05 12 23 00-0498	LF	5" x 5" x 1/2" Thick, Plain Steel Angle Iron	39.05	10.87
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-2.06*	
		For >500 To 1,000, Deduct	*-3.40*	
		For >1,000, Deduct	*-4.74*	
		For 316 Stainless Steel, Add	*78.56*	
		For Galvanized Steel, Add	*15.22*	
		For Aluminum, Add	*4.42*	
		For 304 Stainless Steel, Add	*69.97*	
		For High Strength Steel (HSS), Add	*7.81*	
05 12 23 00-0499	LF	6" x 4" x 1/2" Thick, Plain Steel Angle Iron	39.05	10.87
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-2.06*	
		For >500 To 1,000, Deduct	*-3.40*	
		For >1,000, Deduct	*-4.74*	
		For 316 Stainless Steel, Add	*78.56*	
		For Galvanized Steel, Add	*15.22*	
		For Aluminum, Add	*4.42*	
		For 304 Stainless Steel, Add	*69.97*	
		For High Strength Steel (HSS), Add	*7.81*	
05 12 23 00-0500	LF	6" x 6" x 1/2" Thick, Plain Steel Angle Iron	47.23	13.15
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-2.50*	
		For >500 To 1,000, Deduct	*-4.12*	
		For >1,000, Deduct	*-5.73*	
		For 316 Stainless Steel, Add	*95.01*	
		For Galvanized Steel, Add	*18.41*	
		For Aluminum, Add	*5.34*	
		For 304 Stainless Steel, Add	*84.62*	
		For High Strength Steel (HSS), Add	*9.45*	
05 12 23 00-0501	LF	7" x 4" x 1/2" Thick, Plain Steel Angle Iron	43.12	12.01
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-2.28*	
		For >500 To 1,000, Deduct	*-3.76*	
		For >1,000, Deduct	*-5.24*	
		For 316 Stainless Steel, Add	*86.75*	
		For Galvanized Steel, Add	*16.81*	
		For Aluminum, Add	*4.88*	
		For 304 Stainless Steel, Add	*77.26*	
		For High Strength Steel (HSS), Add	*8.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0502	LF	8" x 4" x 1/2" Thick, Plain Steel Angle Iron	47.23	13.15
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-2.50*	
		For >500 To 1,000, Deduct	*-4.12*	
		For >1,000, Deduct	*-5.73*	
		For 316 Stainless Steel, Add	*95.01*	
		For Galvanized Steel, Add	*18.41*	
		For Aluminum, Add	*5.34*	
		For 304 Stainless Steel, Add	*84.62*	
		For High Strength Steel (HSS), Add	*9.45*	
05 12 23 00-0503	LF	8" x 6" x 1/2" Thick, Plain Steel Angle Iron	55.45	15.44
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-2.93*	
		For >500 To 1,000, Deduct	*-4.83*	
		For >1,000, Deduct	*-6.73*	
		For 316 Stainless Steel, Add	*111.55*	
		For Galvanized Steel, Add	*21.61*	
		For Aluminum, Add	*6.27*	
		For 304 Stainless Steel, Add	*99.35*	
		For High Strength Steel (HSS), Add	*11.09*	
05 12 23 00-0504	LF	8" x 8" x 1/2" Thick, Plain Steel Angle Iron	63.63	17.72
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-3.36*	
		For >500 To 1,000, Deduct	*-5.54*	
		For >1,000, Deduct	*-7.73*	
		For 316 Stainless Steel, Add	*128.00*	
		For Galvanized Steel, Add	*24.80*	
		For Aluminum, Add	*7.20*	
		For 304 Stainless Steel, Add	*114.00*	
		For High Strength Steel (HSS), Add	*12.73*	
05 12 23 00-0505		5/8" Thick *(05 12 23 00-0423)*		
05 12 23 00-0506	LF	4" x 4" x 5/8" Thick, Plain Steel Angle Iron	36.92	9.85
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.91*	
		For >500 To 1,000, Deduct	*-3.16*	
		For >1,000, Deduct	*-4.41*	
		For 316 Stainless Steel, Add	*76.13*	
		For Galvanized Steel, Add	*14.75*	
		For Aluminum, Add	*4.28*	
		For High Strength Steel (HSS), Add	*7.38*	
05 12 23 00-0507	LF	5" x 3-1/2" x 5/8" Thick, Plain Steel Angle Iron	39.51	10.54
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-2.04*	
		For >500 To 1,000, Deduct	*-3.38*	
		For >1,000, Deduct	*-4.72*	
		For 316 Stainless Steel, Add	*81.47*	
		For Galvanized Steel, Add	*15.79*	
		For Aluminum, Add	*4.58*	
		For High Strength Steel (HSS), Add	*7.90*	
05 12 23 00-0508	LF	5" x 5" x 5/8" Thick, Plain Steel Angle Iron	47.03	12.55
		For >100 To 250, Deduct	*-1.25*	
		For >250 To 500, Deduct	*-2.43*	
		For >500 To 1,000, Deduct	*-4.02*	
		For >1,000, Deduct	*-5.62*	
		For 316 Stainless Steel, Add	*96.96*	
		For Galvanized Steel, Add	*18.79*	
		For Aluminum, Add	*5.45*	
		For High Strength Steel (HSS), Add	*9.41*	
05 12 23 00-0509	LF	6" x 4" x 5/8" Thick, Plain Steel Angle Iron	47.03	12.55
		For >100 To 250, Deduct	*-1.25*	
		For >250 To 500, Deduct	*-2.43*	
		For >500 To 1,000, Deduct	*-4.02*	
		For >1,000, Deduct	*-5.62*	
		For 316 Stainless Steel, Add	*96.96*	
		For Galvanized Steel, Add	*18.79*	
		For Aluminum, Add	*5.45*	
		For High Strength Steel (HSS), Add	*9.41*	
05 12 23 00-0510	LF	6" x 6" x 5/8" Thick, Plain Steel Angle Iron	56.91	15.18
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-2.94*	
		For >500 To 1,000, Deduct	*-4.87*	
		For >1,000, Deduct	*-6.80*	
		For 316 Stainless Steel, Add	*117.34*	
		For Galvanized Steel, Add	*22.74*	
		For Aluminum, Add	*6.60*	
		For High Strength Steel (HSS), Add	*11.38*	
05 12 23 00-0511	LF	7" x 4" x 5/8" Thick, Plain Steel Angle Iron	51.96	13.87
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.69*	
		For >500 To 1,000, Deduct	*-4.45*	
		For >1,000, Deduct	*-6.21*	
		For 316 Stainless Steel, Add	*107.14*	
		For Galvanized Steel, Add	*20.76*	
		For Aluminum, Add	*6.03*	
		For High Strength Steel (HSS), Add	*10.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0512	LF	8" x 6" x 5/8" Thick, Plain Steel Angle Iron	67.01	17.88
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-3.46*	
		For >500 To 1,000, Deduct	*-5.73*	
		For >1,000, Deduct	*-8.00*	
		For 316 Stainless Steel, Add	*138.18*	
		For Galvanized Steel, Add	*26.77*	
		For Aluminum, Add	*7.77*	
		For High Strength Steel (HSS), Add	*13.40*	
05 12 23 00-0513	LF	8" x 8" x 5/8" Thick, Plain Steel Angle Iron	76.90	20.51
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-3.97*	
		For >500 To 1,000, Deduct	*-6.58*	
		For >1,000, Deduct	*-9.19*	
		For 316 Stainless Steel, Add	*158.56*	
		For Galvanized Steel, Add	*30.72*	
		For Aluminum, Add	*8.92*	
		For High Strength Steel (HSS), Add	*15.38*	
05 12 23 00-0514		3/4" Thick *(05 12 23 00-0423)*		
05 12 23 00-0515	LF	4" x 4" x 3/4" Thick, Plain Steel Angle Iron	42.55	10.88
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-2.15*	
		For >500 To 1,000, Deduct	*-3.58*	
		For >1,000, Deduct	*-5.01*	
		For 316 Stainless Steel, Add	*89.73*	
		For Galvanized Steel, Add	*17.38*	
		For Aluminum, Add	*5.05*	
		For High Strength Steel (HSS), Add	*8.51*	
05 12 23 00-0516	LF	5" x 3-1/2" x 3/4" Thick, Plain Steel Angle Iron	45.53	11.65
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-2.30*	
		For >500 To 1,000, Deduct	*-3.83*	
		For >1,000, Deduct	*-5.36*	
		For 316 Stainless Steel, Add	*96.00*	
		For Galvanized Steel, Add	*18.60*	
		For Aluminum, Add	*5.40*	
		For High Strength Steel (HSS), Add	*9.11*	
05 12 23 00-0517	LF	5" x 5" x 3/4" Thick, Plain Steel Angle Iron	54.26	13.89
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.74*	
		For >500 To 1,000, Deduct	*-4.56*	
		For >1,000, Deduct	*-6.38*	
		For 316 Stainless Steel, Add	*114.43*	
		For Galvanized Steel, Add	*22.17*	
		For Aluminum, Add	*6.44*	
		For High Strength Steel (HSS), Add	*10.85*	
05 12 23 00-0518	LF	6" x 4" x 3/4" Thick, Plain Steel Angle Iron	54.26	13.89
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.74*	
		For >500 To 1,000, Deduct	*-4.56*	
		For >1,000, Deduct	*-6.38*	
		For 316 Stainless Steel, Add	*114.43*	
		For Galvanized Steel, Add	*22.17*	
		For Aluminum, Add	*6.44*	
		For High Strength Steel (HSS), Add	*10.85*	
05 12 23 00-0519	LF	6" x 6" x 3/4" Thick, Plain Steel Angle Iron	65.99	16.87
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-3.34*	
		For >500 To 1,000, Deduct	*-5.55*	
		For >1,000, Deduct	*-7.76*	
		For 316 Stainless Steel, Add	*139.14*	
		For Galvanized Steel, Add	*26.96*	
		For Aluminum, Add	*7.83*	
		For High Strength Steel (HSS), Add	*13.20*	
05 12 23 00-0520	LF	7" x 4" x 3/4" Thick, Plain Steel Angle Iron	60.24	15.41
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-3.05*	
		For >500 To 1,000, Deduct	*-5.07*	
		For >1,000, Deduct	*-7.09*	
		For 316 Stainless Steel, Add	*127.01*	
		For Galvanized Steel, Add	*24.61*	
		For Aluminum, Add	*7.14*	
		For High Strength Steel (HSS), Add	*12.05*	
05 12 23 00-0521	LF	8" x 4" x 3/4" Thick, Plain Steel Angle Iron	65.99	16.87
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-3.34*	
		For >500 To 1,000, Deduct	*-5.55*	
		For >1,000, Deduct	*-7.76*	
		For 316 Stainless Steel, Add	*139.14*	
		For Galvanized Steel, Add	*26.96*	
		For Aluminum, Add	*7.83*	
		For High Strength Steel (HSS), Add	*13.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0522	LF	8" x 6" x 3/4" Thick, Plain Steel Angle Iron	77.73	19.87
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-3.93*	
		For >500 To 1,000, Deduct	*-6.54*	
		For >1,000, Deduct	*-9.14*	
		For 316 Stainless Steel, Add	*163.94*	
		For Galvanized Steel, Add	*31.76*	
		For Aluminum, Add	*9.22*	
		For High Strength Steel (HSS), Add	*15.55*	
05 12 23 00-0523	LF	8" x 8" x 3/4" Thick, Plain Steel Angle Iron	89.45	22.88
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-4.52*	
		For >500 To 1,000, Deduct	*-7.52*	
		For >1,000, Deduct	*-10.52*	
		For 316 Stainless Steel, Add	*188.64*	
		For Galvanized Steel, Add	*36.55*	
		For Aluminum, Add	*10.61*	
		For High Strength Steel (HSS), Add	*17.89*	
05 12 23 00-0524		7/8" Thick *(05 12 23 00-0423)*		
05 12 23 00-0525	LF	5" x 5" x 7/8" Thick, Plain Steel Angle Iron	61.10	14.92
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-3.02*	
		For >500 To 1,000, Deduct	*-5.05*	
		For >1,000, Deduct	*-7.07*	
		For 316 Stainless Steel, Add	*131.84*	
		For Galvanized Steel, Add	*25.54*	
		For Aluminum, Add	*7.42*	
		For High Strength Steel (HSS), Add	*12.22*	
05 12 23 00-0526	LF	6" x 4" x 7/8" Thick, Plain Steel Angle Iron	61.10	14.92
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-3.02*	
		For >500 To 1,000, Deduct	*-5.05*	
		For >1,000, Deduct	*-7.07*	
		For 316 Stainless Steel, Add	*131.84*	
		For Galvanized Steel, Add	*25.54*	
		For Aluminum, Add	*7.42*	
		For High Strength Steel (HSS), Add	*12.22*	
05 12 23 00-0527	LF	6" x 6" x 7/8" Thick, Plain Steel Angle Iron	74.39	18.17
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-3.68*	
		For >500 To 1,000, Deduct	*-6.14*	
		For >1,000, Deduct	*-8.61*	
		For 316 Stainless Steel, Add	*160.51*	
		For Galvanized Steel, Add	*31.10*	
		For Aluminum, Add	*9.03*	
		For High Strength Steel (HSS), Add	*14.88*	
05 12 23 00-0528	LF	8" x 6" x 7/8" Thick, Plain Steel Angle Iron	87.86	21.46
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-4.34*	
		For >500 To 1,000, Deduct	*-7.25*	
		For >1,000, Deduct	*-10.17*	
		For 316 Stainless Steel, Add	*189.60*	
		For Galvanized Steel, Add	*36.74*	
		For Aluminum, Add	*10.67*	
		For High Strength Steel (HSS), Add	*17.57*	
05 12 23 00-0529	LF	8" x 8" x 7/8" Thick, Plain Steel Angle Iron	101.11	24.70
		For >100 To 250, Deduct	*-2.47*	
		For >250 To 500, Deduct	*-5.00*	
		For >500 To 1,000, Deduct	*-8.35*	
		For >1,000, Deduct	*-11.70*	
		For 316 Stainless Steel, Add	*218.18*	
		For Galvanized Steel, Add	*42.27*	
		For Aluminum, Add	*12.27*	
		For High Strength Steel (HSS), Add	*20.22*	
05 12 23 00-0530		Bar Channel *(05 12 23 00-0422)*		
05 12 23 00-0531	LF	1" x 1/2" x 1/8" Thick Bar Channel	4.95	
		For 316 Stainless Steel, Add	*5.28*	
		For Galvanized Steel, Add	*1.02*	
		For Aluminum, Add	*0.30*	
		For 304 Stainless Steel, Add	*4.70*	
		For High Strength Steel (HSS), Add	*0.99*	
05 12 23 00-0532	LF	1-1/4" x 1/2" x 1/8" Thick Bar Channel	5.57	
		For 316 Stainless Steel, Add	*6.34*	
		For Galvanized Steel, Add	*1.23*	
		For Aluminum, Add	*0.36*	
		For 304 Stainless Steel, Add	*5.64*	
		For High Strength Steel (HSS), Add	*1.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0533	LF	1-1/2" x 1/2" x 1/8" Thick Bar Channel	6.07	
		For 316 Stainless Steel, Add	*7.01*	
		For Galvanized Steel, Add	*1.36*	
		For Aluminum, Add	*0.39*	
		For 304 Stainless Steel, Add	*6.24*	
		For High Strength Steel (HSS), Add	*1.21*	
05 12 23 00-0534	LF	1-1/2" x 3/4" x 1/8" Thick Bar Channel	6.92	
		For 316 Stainless Steel, Add	*7.30*	
		For Galvanized Steel, Add	*1.41*	
		For Aluminum, Add	*0.41*	
		For 304 Stainless Steel, Add	*6.50*	
		For High Strength Steel (HSS), Add	*1.38*	
05 12 23 00-0535	LF	2" x 1/2" x 1/8" Thick Bar Channel	7.43	
		For 316 Stainless Steel, Add	*8.93*	
		For Galvanized Steel, Add	*1.73*	
		For Aluminum, Add	*0.50*	
		For 304 Stainless Steel, Add	*7.95*	
05 12 23 00-0536	LF	2" x 1" x 1/8" Thick Bar Channel	9.75	
		For 316 Stainless Steel, Add	*9.98*	
		For Galvanized Steel, Add	*1.93*	
		For Aluminum, Add	*0.56*	
		For 304 Stainless Steel, Add	*8.89*	

05 12 23 00-0537 Channels - C *(05 12 23 00-0422)*

05 12 23 00-0538	LF	C2 x 1.78 - 2" Wide Channel	8.10	4.09
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-0.95*	
		For >1,000, Deduct	*-1.29*	
		For 316 Stainless Steel, Add	*8.48*	
		For Galvanized Steel, Add	*1.64*	
		For Aluminum, Add	*0.48*	
		For 304 Stainless Steel, Add	*7.55*	
05 12 23 00-0539	LF	C3 x 4.1 - 3" Wide Channel	14.05	5.88
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-0.94*	
		For >500 To 1,000, Deduct	*-1.49*	
		For >1,000, Deduct	*-2.03*	
		For 316 Stainless Steel, Add	*19.87*	
		For Galvanized Steel, Add	*3.85*	
		For Aluminum, Add	*1.12*	
		For 304 Stainless Steel, Add	*17.70*	
05 12 23 00-0540	LF	C3 x 5 - 3" Wide Channel	17.13	7.18
		For >100 To 250, Deduct	*-0.72*	
		For >250 To 500, Deduct	*-1.15*	
		For >500 To 1,000, Deduct	*-1.81*	
		For >1,000, Deduct	*-2.48*	
		For 316 Stainless Steel, Add	*24.22*	
		For Galvanized Steel, Add	*4.69*	
		For Aluminum, Add	*1.36*	
		For 304 Stainless Steel, Add	*21.57*	
05 12 23 00-0541	LF	C3 x 6 - 3" Wide Channel	20.57	8.61
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.38*	
		For >500 To 1,000, Deduct	*-2.18*	
		For >1,000, Deduct	*-2.98*	
		For 316 Stainless Steel, Add	*29.09*	
		For Galvanized Steel, Add	*5.64*	
		For Aluminum, Add	*1.64*	
		For 304 Stainless Steel, Add	*25.91*	
05 12 23 00-0542	LF	C4 x 5.4 - 4" Wide Channel	17.59	7.05
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.15*	
		For >500 To 1,000, Deduct	*-1.82*	
		For >1,000, Deduct	*-2.50*	
		For 316 Stainless Steel, Add	*26.18*	
		For Galvanized Steel, Add	*5.07*	
		For Aluminum, Add	*1.47*	
		For 304 Stainless Steel, Add	*23.31*	
05 12 23 00-0543	LF	C4 x 7.25 - 4" Wide Channel	23.61	9.47
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.54*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-3.35*	
		For 316 Stainless Steel, Add	*35.14*	
		For Galvanized Steel, Add	*6.81*	
		For Aluminum, Add	*1.98*	
		For 304 Stainless Steel, Add	*31.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0544	LF	C5 x 6.7 - 5" Wide Channel	21.12	8.22
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.35*	
		For >500 To 1,000, Deduct	*-2.15*	
		For >1,000, Deduct	*-2.96*	
		For 316 Stainless Steel, Add	*32.48*	
		For Galvanized Steel, Add	*6.29*	
		For Aluminum, Add	*1.83*	
		For 304 Stainless Steel, Add	*28.93*	
05 12 23 00-0545	LF	C5 x 9 - 5" Wide Channel	28.37	11.06
		For >100 To 250, Deduct	*-1.11*	
		For >250 To 500, Deduct	*-1.81*	
		For >500 To 1,000, Deduct	*-2.89*	
		For >1,000, Deduct	*-3.97*	
		For 316 Stainless Steel, Add	*43.62*	
		For Galvanized Steel, Add	*8.45*	
		For Aluminum, Add	*2.45*	
		For 304 Stainless Steel, Add	*38.85*	
05 12 23 00-0546	LF	C6 x 8.2 - 6" Wide Channel	25.59	9.88
		For >100 To 250, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-1.63*	
		For >500 To 1,000, Deduct	*-2.60*	
		For >1,000, Deduct	*-3.57*	
		For 316 Stainless Steel, Add	*39.74*	
		For Galvanized Steel, Add	*7.70*	
		For Aluminum, Add	*2.24*	
		For 304 Stainless Steel, Add	*35.40*	
05 12 23 00-0547	LF	C6 x 10.5 - 6" Wide Channel	32.77	12.65
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-2.08*	
		For >500 To 1,000, Deduct	*-3.32*	
		For >1,000, Deduct	*-4.57*	
		For 316 Stainless Steel, Add	*50.91*	
		For Galvanized Steel, Add	*9.86*	
		For Aluminum, Add	*2.86*	
		For 304 Stainless Steel, Add	*45.34*	
05 12 23 00-0548	LF	C6 x 13 - 6" Wide Channel	40.58	15.66
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-2.58*	
		For >500 To 1,000, Deduct	*-4.12*	
		For >1,000, Deduct	*-5.65*	
		For 316 Stainless Steel, Add	*63.01*	
		For Galvanized Steel, Add	*12.21*	
		For Aluminum, Add	*3.54*	
		For 304 Stainless Steel, Add	*56.12*	
05 12 23 00-0549	LF	C7 x 9.8 - 7" Wide Channel	30.53	11.76
		For >100 To 250, Deduct	*-1.18*	
		For >250 To 500, Deduct	*-1.94*	
		For >500 To 1,000, Deduct	*-3.09*	
		For >1,000, Deduct	*-4.25*	
		For 316 Stainless Steel, Add	*47.52*	
		For Galvanized Steel, Add	*9.21*	
		For Aluminum, Add	*2.67*	
		For 304 Stainless Steel, Add	*42.32*	
05 12 23 00-0550	LF	C7 x 12.25 - 7" Wide Channel	38.16	14.70
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-2.42*	
		For >500 To 1,000, Deduct	*-3.87*	
		For >1,000, Deduct	*-5.31*	
		For 316 Stainless Steel, Add	*59.39*	
		For Galvanized Steel, Add	*11.51*	
		For Aluminum, Add	*3.34*	
		For 304 Stainless Steel, Add	*52.90*	
05 12 23 00-0551	LF	C7 x 14.75 - 7" Wide Channel	45.96	17.70
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-2.92*	
		For >500 To 1,000, Deduct	*-4.66*	
		For >1,000, Deduct	*-6.40*	
		For 316 Stainless Steel, Add	*71.52*	
		For Galvanized Steel, Add	*13.86*	
		For Aluminum, Add	*4.02*	
		For 304 Stainless Steel, Add	*63.70*	
05 12 23 00-0552	LF	C8 x 11.5 - 8" Wide Channel	34.67	12.94
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-2.16*	
		For >500 To 1,000, Deduct	*-3.46*	
		For >1,000, Deduct	*-4.76*	
		For 316 Stainless Steel, Add	*55.74*	
		For Galvanized Steel, Add	*10.80*	
		For Aluminum, Add	*3.14*	
		For 304 Stainless Steel, Add	*49.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0553	LF	C8 x 13.75 - 8" Wide Channel	41.46	15.47
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-2.58*	
		For >500 To 1,000, Deduct	*-4.14*	
		For >1,000, Deduct	*-5.69*	
		For 316 Stainless Steel, Add	*66.66*	
		For Galvanized Steel, Add	*12.91*	
		For Aluminum, Add	*3.75*	
		For 304 Stainless Steel, Add	*59.37*	
05 12 23 00-0554	LF	C8 x 18.75 - 8" Wide Channel	56.54	21.10
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-3.52*	
		For >500 To 1,000, Deduct	*-5.64*	
		For >1,000, Deduct	*-7.76*	
		For 316 Stainless Steel, Add	*90.91*	
		For Galvanized Steel, Add	*17.61*	
		For Aluminum, Add	*5.11*	
		For 304 Stainless Steel, Add	*80.97*	
05 12 23 00-0555	LF	C9 x 13.4 - 9" Wide Channel	40.40	15.08
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-2.52*	
		For >500 To 1,000, Deduct	*-4.03*	
		For >1,000, Deduct	*-5.54*	
		For 316 Stainless Steel, Add	*64.96*	
		For Galvanized Steel, Add	*12.59*	
		For Aluminum, Add	*3.65*	
		For 304 Stainless Steel, Add	*57.86*	
05 12 23 00-0556	LF	C9 x 15 - 9" Wide Channel	45.22	16.87
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.82*	
		For >500 To 1,000, Deduct	*-4.51*	
		For >1,000, Deduct	*-6.20*	
		For 316 Stainless Steel, Add	*72.70*	
		For Galvanized Steel, Add	*14.09*	
		For Aluminum, Add	*4.09*	
		For 304 Stainless Steel, Add	*64.75*	
05 12 23 00-0557	LF	C9 x 20 - 9" Wide Channel	60.30	22.50
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-3.76*	
		For >500 To 1,000, Deduct	*-6.02*	
		For >1,000, Deduct	*-8.27*	
		For 316 Stainless Steel, Add	*96.96*	
		For Galvanized Steel, Add	*18.79*	
		For Aluminum, Add	*5.45*	
		For 304 Stainless Steel, Add	*86.36*	
05 12 23 00-0558	LF	C10 x 15.3 - 10" Wide Channel	46.13	17.21
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.87*	
		For >500 To 1,000, Deduct	*-4.60*	
		For >1,000, Deduct	*-6.33*	
		For 316 Stainless Steel, Add	*74.18*	
		For Galvanized Steel, Add	*14.37*	
		For Aluminum, Add	*4.17*	
		For 304 Stainless Steel, Add	*66.06*	
05 12 23 00-0559	LF	C10 x 20 - 10" Wide Channel	60.30	22.50
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-3.76*	
		For >500 To 1,000, Deduct	*-6.02*	
		For >1,000, Deduct	*-8.27*	
		For 316 Stainless Steel, Add	*96.96*	
		For Galvanized Steel, Add	*18.79*	
		For Aluminum, Add	*5.45*	
		For 304 Stainless Steel, Add	*86.36*	
05 12 23 00-0560	LF	C10 x 25 - 10" Wide Channel	75.37	28.13
		For >100 To 250, Deduct	*-2.81*	
		For >250 To 500, Deduct	*-4.70*	
		For >500 To 1,000, Deduct	*-7.52*	
		For >1,000, Deduct	*-10.34*	
		For 316 Stainless Steel, Add	*121.18*	
		For Galvanized Steel, Add	*23.48*	
		For Aluminum, Add	*6.82*	
		For 304 Stainless Steel, Add	*107.93*	
05 12 23 00-0561	LF	C10 x 30 - 10" Wide Channel	90.45	33.75
		For >100 To 250, Deduct	*-3.38*	
		For >250 To 500, Deduct	*-5.64*	
		For >500 To 1,000, Deduct	*-9.02*	
		For >1,000, Deduct	*-12.41*	
		For 316 Stainless Steel, Add	*145.44*	
		For Galvanized Steel, Add	*28.18*	
		For Aluminum, Add	*8.18*	
		For 304 Stainless Steel, Add	*129.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0562	LF	C12 x 20.7 - 12" Wide Channel	62.41	23.29
		For >100 To 250, Deduct	*-2.33*	
		For >250 To 500, Deduct	*-3.89*	
		For >500 To 1,000, Deduct	*-6.23*	
		For >1,000, Deduct	*-8.56*	
		For 316 Stainless Steel, Add	*100.35*	
		For Galvanized Steel, Add	*19.44*	
		For Aluminum, Add	*5.64*	
		For 304 Stainless Steel, Add	*89.38*	
05 12 23 00-0563	LF	C12 x 25 - 12" Wide Channel	75.37	28.13
		For >100 To 250, Deduct	*-2.81*	
		For >250 To 500, Deduct	*-4.70*	
		For >500 To 1,000, Deduct	*-7.52*	
		For >1,000, Deduct	*-10.34*	
		For 316 Stainless Steel, Add	*121.18*	
		For Galvanized Steel, Add	*23.48*	
		For Aluminum, Add	*6.82*	
		For 304 Stainless Steel, Add	*107.93*	
05 12 23 00-0564	LF	C12 x 30 - 12" Wide Channel	90.45	33.75
		For >100 To 250, Deduct	*-3.38*	
		For >250 To 500, Deduct	*-5.64*	
		For >500 To 1,000, Deduct	*-9.02*	
		For >1,000, Deduct	*-12.41*	
		For 316 Stainless Steel, Add	*145.44*	
		For Galvanized Steel, Add	*28.18*	
		For Aluminum, Add	*8.18*	
		For 304 Stainless Steel, Add	*129.53*	
05 12 23 00-0565	LF	C15 x 33.9 - 15" Wide Channel	102.21	38.14
		For >100 To 250, Deduct	*-3.81*	
		For >250 To 500, Deduct	*-6.37*	
		For >500 To 1,000, Deduct	*-10.20*	
		For >1,000, Deduct	*-14.02*	
		For 316 Stainless Steel, Add	*164.35*	
		For Galvanized Steel, Add	*31.84*	
		For Aluminum, Add	*9.24*	
		For 304 Stainless Steel, Add	*146.38*	
05 12 23 00-0566	LF	C15 x 40 - 15" Wide Channel	120.60	45.00
		For >100 To 250, Deduct	*-4.50*	
		For >250 To 500, Deduct	*-7.52*	
		For >500 To 1,000, Deduct	*-12.03*	
		For >1,000, Deduct	*-16.55*	
		For 316 Stainless Steel, Add	*193.92*	
		For Galvanized Steel, Add	*37.57*	
		For Aluminum, Add	*10.91*	
		For 304 Stainless Steel, Add	*172.71*	
05 12 23 00-0567	LF	C15 x 50 - 15" Wide Channel	150.75	56.24
		For >100 To 250, Deduct	*-5.63*	
		For >250 To 500, Deduct	*-9.39*	
		For >500 To 1,000, Deduct	*-15.04*	
		For >1,000, Deduct	*-20.68*	
		For 316 Stainless Steel, Add	*242.40*	
		For Galvanized Steel, Add	*46.97*	
		For Aluminum, Add	*13.64*	
		For 304 Stainless Steel, Add	*215.89*	
05 12 23 00-0568		Miscellaneous Channels - MC *(05 12 23 00-0422)*		
05 12 23 00-0569	LF	MC6 x 12 - 6" Wide Channel	37.46	14.46
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-2.38*	
		For >500 To 1,000, Deduct	*-3.80*	
		For >1,000, Deduct	*-5.22*	
		For 316 Stainless Steel, Add	*58.18*	
		For Galvanized Steel, Add	*11.27*	
		For Aluminum, Add	*3.27*	
		For 304 Stainless Steel, Add	*51.81*	
05 12 23 00-0570	LF	MC6 x 15.1 - 6" Wide Channel	47.14	18.19
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-3.00*	
		For >500 To 1,000, Deduct	*-4.78*	
		For >1,000, Deduct	*-6.57*	
		For 316 Stainless Steel, Add	*73.22*	
		For Galvanized Steel, Add	*14.19*	
		For Aluminum, Add	*4.12*	
		For 304 Stainless Steel, Add	*65.21*	
05 12 23 00-0571	LF	MC6 x 15.3 - 6" Wide Channel	47.76	18.43
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-3.04*	
		For >500 To 1,000, Deduct	*-4.85*	
		For >1,000, Deduct	*-6.65*	
		For 316 Stainless Steel, Add	*74.18*	
		For Galvanized Steel, Add	*14.37*	
		For Aluminum, Add	*4.17*	
		For 304 Stainless Steel, Add	*66.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0572	LF	MC6 x 16.3 - 6" Wide Channel	50.88	19.63
		For >100 To 250, Deduct	*-1.96*	
		For >250 To 500, Deduct	*-3.24*	
		For >500 To 1,000, Deduct	*-5.16*	
		For >1,000, Deduct	*-7.09*	
		For 316 Stainless Steel, Add	*79.01*	
		For Galvanized Steel, Add	*15.31*	
		For Aluminum, Add	*4.44*	
		For 304 Stainless Steel, Add	*70.37*	
05 12 23 00-0573	LF	MC6 x 18 - 6" Wide Channel	56.19	21.69
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-3.57*	
		For >500 To 1,000, Deduct	*-5.70*	
		For >1,000, Deduct	*-7.83*	
		For 316 Stainless Steel, Add	*87.26*	
		For Galvanized Steel, Add	*16.91*	
		For Aluminum, Add	*4.91*	
		For 304 Stainless Steel, Add	*77.72*	
05 12 23 00-0574	LF	MC7 x 17.6 - 7" Wide Channel	54.83	21.13
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 500, Deduct	*-3.48*	
		For >500 To 1,000, Deduct	*-5.56*	
		For >1,000, Deduct	*-7.63*	
		For 316 Stainless Steel, Add	*85.31*	
		For Galvanized Steel, Add	*16.53*	
		For Aluminum, Add	*4.80*	
		For 304 Stainless Steel, Add	*75.98*	
05 12 23 00-0575	LF	MC7 x 19.1 - 7" Wide Channel	59.51	22.93
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-3.78*	
		For >500 To 1,000, Deduct	*-6.03*	
		For >1,000, Deduct	*-8.28*	
		For 316 Stainless Steel, Add	*92.61*	
		For Galvanized Steel, Add	*17.94*	
		For Aluminum, Add	*5.21*	
		For 304 Stainless Steel, Add	*82.48*	
05 12 23 00-0576	LF	MC7 x 22.7 - 7" Wide Channel	70.72	27.25
		For >100 To 250, Deduct	*-2.72*	
		For >250 To 500, Deduct	*-4.49*	
		For >500 To 1,000, Deduct	*-7.17*	
		For >1,000, Deduct	*-9.85*	
		For 316 Stainless Steel, Add	*110.05*	
		For Galvanized Steel, Add	*21.32*	
		For Aluminum, Add	*6.19*	
		For 304 Stainless Steel, Add	*98.01*	
05 12 23 00-0577	LF	MC8 x 8.5 - 8" Wide Channel	25.64	9.56
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.60*	
		For >500 To 1,000, Deduct	*-2.56*	
		For >1,000, Deduct	*-3.52*	
		For 316 Stainless Steel, Add	*41.22*	
		For Galvanized Steel, Add	*7.99*	
		For Aluminum, Add	*2.32*	
		For 304 Stainless Steel, Add	*36.71*	
05 12 23 00-0578	LF	MC8 x 18.7 - 8" Wide Channel	56.38	21.03
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-3.51*	
		For >500 To 1,000, Deduct	*-5.62*	
		For >1,000, Deduct	*-7.73*	
		For 316 Stainless Steel, Add	*90.66*	
		For Galvanized Steel, Add	*17.56*	
		For Aluminum, Add	*5.10*	
		For 304 Stainless Steel, Add	*80.74*	
05 12 23 00-0579	LF	MC8 x 20 - 8" Wide Channel	60.30	22.50
		For >100 To 250, Deduct	*-2.25*	
		For >250 To 500, Deduct	*-3.76*	
		For >500 To 1,000, Deduct	*-6.02*	
		For >1,000, Deduct	*-8.27*	
		For 316 Stainless Steel, Add	*96.96*	
		For Galvanized Steel, Add	*18.79*	
		For Aluminum, Add	*5.45*	
		For 304 Stainless Steel, Add	*86.36*	
05 12 23 00-0580	LF	MC8 x 21.4 - 8" Wide Channel	64.53	24.08
		For >100 To 250, Deduct	*-2.41*	
		For >250 To 500, Deduct	*-4.02*	
		For >500 To 1,000, Deduct	*-6.44*	
		For >1,000, Deduct	*-8.85*	
		For 316 Stainless Steel, Add	*103.74*	
		For Galvanized Steel, Add	*20.10*	
		For Aluminum, Add	*5.84*	
		For 304 Stainless Steel, Add	*92.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0581	LF	MC8 x 22.8 - 8" Wide Channel	68.73	25.66
		For >100 To 250, Deduct	*-2.56*	
		For >250 To 500, Deduct	*-4.28*	
		For >500 To 1,000, Deduct	*-6.86*	
		For >1,000, Deduct	*-9.43*	
		For 316 Stainless Steel, Add	*110.53*	
		For Galvanized Steel, Add	*21.41*	
		For Aluminum, Add	*6.22*	
		For 304 Stainless Steel, Add	*98.44*	
05 12 23 00-0582	LF	MC9 x 23.9 - 9" Wide Channel	72.06	26.89
		For >100 To 250, Deduct	*-2.69*	
		For >250 To 500, Deduct	*-4.49*	
		For >500 To 1,000, Deduct	*-7.19*	
		For >1,000, Deduct	*-9.89*	
		For 316 Stainless Steel, Add	*115.87*	
		For Galvanized Steel, Add	*22.45*	
		For Aluminum, Add	*6.52*	
		For 304 Stainless Steel, Add	*103.20*	
05 12 23 00-0583	LF	MC9 x 25.4 - 9" Wide Channel	76.57	28.57
		For >100 To 250, Deduct	*-2.86*	
		For >250 To 500, Deduct	*-4.77*	
		For >500 To 1,000, Deduct	*-7.64*	
		For >1,000, Deduct	*-10.50*	
		For 316 Stainless Steel, Add	*123.14*	
		For Galvanized Steel, Add	*23.86*	
		For Aluminum, Add	*6.93*	
		For 304 Stainless Steel, Add	*109.67*	
05 12 23 00-0584	LF	MC10 x 6.5 - 10" Wide Channel	19.61	7.31
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.22*	
		For >500 To 1,000, Deduct	*-1.96*	
		For >1,000, Deduct	*-2.69*	
		For 316 Stainless Steel, Add	*31.52*	
		For Galvanized Steel, Add	*6.11*	
		For Aluminum, Add	*1.77*	
		For 304 Stainless Steel, Add	*28.07*	
05 12 23 00-0585	LF	MC10 x 8.4 - 10" Wide Channel	25.33	9.45
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1,000, Deduct	*-2.53*	
		For >1,000, Deduct	*-3.47*	
		For 316 Stainless Steel, Add	*40.74*	
		For Galvanized Steel, Add	*7.89*	
		For Aluminum, Add	*2.29*	
		For 304 Stainless Steel, Add	*36.28*	
05 12 23 00-0586	LF	MC10 x 21.9 - 10" Wide Channel	66.03	24.64
		For >100 To 250, Deduct	*-2.46*	
		For >250 To 500, Deduct	*-4.11*	
		For >500 To 1,000, Deduct	*-6.59*	
		For >1,000, Deduct	*-9.06*	
		For 316 Stainless Steel, Add	*106.18*	
		For Galvanized Steel, Add	*20.57*	
		For Aluminum, Add	*5.97*	
		For 304 Stainless Steel, Add	*94.56*	
05 12 23 00-0587	LF	MC10 x 24.9 - 10" Wide Channel	75.08	28.02
		For >100 To 250, Deduct	*-2.80*	
		For >250 To 500, Deduct	*-4.68*	
		For >500 To 1,000, Deduct	*-7.49*	
		For >1,000, Deduct	*-10.30*	
		For 316 Stainless Steel, Add	*120.70*	
		For Galvanized Steel, Add	*23.39*	
		For Aluminum, Add	*6.79*	
		For 304 Stainless Steel, Add	*107.50*	
05 12 23 00-0588	LF	MC10 x 25.3 - 10" Wide Channel	76.28	28.47
		For >100 To 250, Deduct	*-2.85*	
		For >250 To 500, Deduct	*-4.75*	
		For >500 To 1,000, Deduct	*-7.61*	
		For >1,000, Deduct	*-10.46*	
		For 316 Stainless Steel, Add	*122.66*	
		For Galvanized Steel, Add	*23.76*	
		For Aluminum, Add	*6.90*	
		For 304 Stainless Steel, Add	*109.24*	
05 12 23 00-0589	LF	MC10 x 28.3 - 10" Wide Channel	85.33	31.83
		For >100 To 250, Deduct	*-3.18*	
		For >250 To 500, Deduct	*-5.32*	
		For >500 To 1,000, Deduct	*-8.51*	
		For >1,000, Deduct	*-11.71*	
		For 316 Stainless Steel, Add	*137.18*	
		For Galvanized Steel, Add	*26.58*	
		For Aluminum, Add	*7.72*	
		For 304 Stainless Steel, Add	*122.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0590	LF	MC10 x 28.5 - 10" Wide Channel	85.93	32.07
		For >100 To 250, Deduct	*-3.21*	
		For >250 To 500, Deduct	*-5.35*	
		For >500 To 1,000, Deduct	*-8.57*	
		For >1,000, Deduct	*-11.79*	
		For 316 Stainless Steel, Add	*138.18*	
		For Galvanized Steel, Add	*26.77*	
		For Aluminum, Add	*7.77*	
		For 304 Stainless Steel, Add	*123.06*	
05 12 23 00-0591	LF	MC10 x 33.6 - 10" Wide Channel	101.30	37.80
		For >100 To 250, Deduct	*-3.78*	
		For >250 To 500, Deduct	*-6.31*	
		For >500 To 1,000, Deduct	*-10.11*	
		For >1,000, Deduct	*-13.90*	
		For 316 Stainless Steel, Add	*162.88*	
		For Galvanized Steel, Add	*31.56*	
		For Aluminum, Add	*9.16*	
		For 304 Stainless Steel, Add	*145.07*	
05 12 23 00-0592	LF	MC10 x 41.1 - 10" Wide Channel	123.92	46.25
		For >100 To 250, Deduct	*-4.62*	
		For >250 To 500, Deduct	*-7.72*	
		For >500 To 1,000, Deduct	*-12.36*	
		For >1,000, Deduct	*-17.00*	
		For 316 Stainless Steel, Add	*199.26*	
		For Galvanized Steel, Add	*38.61*	
		For Aluminum, Add	*11.21*	
		For 304 Stainless Steel, Add	*177.47*	
05 12 23 00-0593	LF	MC12 x 30.9 - 12" Wide Channel	93.17	34.76
		For >100 To 250, Deduct	*-3.48*	
		For >250 To 500, Deduct	*-5.81*	
		For >500 To 1,000, Deduct	*-9.29*	
		For >1,000, Deduct	*-12.78*	
		For 316 Stainless Steel, Add	*149.79*	
		For Galvanized Steel, Add	*29.02*	
		For Aluminum, Add	*8.43*	
		For 304 Stainless Steel, Add	*133.41*	
05 12 23 00-0594	LF	MC12 x 32.9 - 12" Wide Channel	99.20	37.00
		For >100 To 250, Deduct	*-3.70*	
		For >250 To 500, Deduct	*-6.18*	
		For >500 To 1,000, Deduct	*-9.90*	
		For >1,000, Deduct	*-13.61*	
		For 316 Stainless Steel, Add	*159.49*	
		For Galvanized Steel, Add	*30.90*	
		For Aluminum, Add	*8.97*	
		For 304 Stainless Steel, Add	*142.04*	
05 12 23 00-0595	LF	MC12 x 35 - 12" Wide Channel	105.52	39.37
		For >100 To 250, Deduct	*-3.94*	
		For >250 To 500, Deduct	*-6.58*	
		For >500 To 1,000, Deduct	*-10.53*	
		For >1,000, Deduct	*-14.48*	
		For 316 Stainless Steel, Add	*169.66*	
		For Galvanized Steel, Add	*32.87*	
		For Aluminum, Add	*9.54*	
		For 304 Stainless Steel, Add	*151.11*	
05 12 23 00-0596	LF	MC12 x 37 - 12" Wide Channel	111.56	41.63
		For >100 To 250, Deduct	*-4.16*	
		For >250 To 500, Deduct	*-6.95*	
		For >500 To 1,000, Deduct	*-11.13*	
		For >1,000, Deduct	*-15.31*	
		For 316 Stainless Steel, Add	*179.36*	
		For Galvanized Steel, Add	*34.75*	
		For Aluminum, Add	*10.09*	
		For 304 Stainless Steel, Add	*159.74*	
05 12 23 00-0597	LF	MC12 x 40 - 12" Wide Channel	120.60	45.00
		For >100 To 250, Deduct	*-4.50*	
		For >250 To 500, Deduct	*-7.52*	
		For >500 To 1,000, Deduct	*-12.03*	
		For >1,000, Deduct	*-16.55*	
		For 316 Stainless Steel, Add	*193.92*	
		For Galvanized Steel, Add	*37.57*	
		For Aluminum, Add	*10.91*	
		For 304 Stainless Steel, Add	*172.71*	
05 12 23 00-0598	LF	MC12 x 45 - 12" Wide Channel	135.68	50.63
		For >100 To 250, Deduct	*-5.06*	
		For >250 To 500, Deduct	*-8.46*	
		For >500 To 1,000, Deduct	*-13.54*	
		For >1,000, Deduct	*-18.61*	
		For 316 Stainless Steel, Add	*218.14*	
		For Galvanized Steel, Add	*42.27*	
		For Aluminum, Add	*12.27*	
		For 304 Stainless Steel, Add	*194.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0599	LF	MC12 x 50 - 12" Wide Channel	150.75	56.25
		For >100 To 250, Deduct	*-5.63*	
		For >250 To 500, Deduct	*-9.39*	
		For >500 To 1,000, Deduct	*-15.04*	
		For >1,000, Deduct	*-20.68*	
		For 316 Stainless Steel, Add	*242.40*	
		For Galvanized Steel, Add	*46.97*	
		For Aluminum, Add	*13.64*	
		For 304 Stainless Steel, Add	*215.89*	
05 12 23 00-0600	LF	MC13 x 31.8 - 13" Wide Channel	95.89	35.78
		For >100 To 250, Deduct	*-3.58*	
		For >250 To 500, Deduct	*-5.98*	
		For >500 To 1,000, Deduct	*-9.57*	
		For >1,000, Deduct	*-13.16*	
		For 316 Stainless Steel, Add	*154.18*	
		For Galvanized Steel, Add	*29.87*	
		For Aluminum, Add	*8.67*	
		For 304 Stainless Steel, Add	*137.31*	
05 12 23 00-0601	LF	MC13 x 35 - 13" Wide Channel	105.52	39.37
		For >100 To 250, Deduct	*-3.94*	
		For >250 To 500, Deduct	*-6.58*	
		For >500 To 1,000, Deduct	*-10.53*	
		For >1,000, Deduct	*-14.48*	
		For 316 Stainless Steel, Add	*169.66*	
		For Galvanized Steel, Add	*32.87*	
		For Aluminum, Add	*9.54*	
		For 304 Stainless Steel, Add	*151.11*	
05 12 23 00-0602	LF	MC13 x 40 - 13" Wide Channel	120.60	45.00
		For >100 To 250, Deduct	*-4.50*	
		For >250 To 500, Deduct	*-7.52*	
		For >500 To 1,000, Deduct	*-12.03*	
		For >1,000, Deduct	*-16.55*	
		For 316 Stainless Steel, Add	*193.92*	
		For Galvanized Steel, Add	*37.57*	
		For Aluminum, Add	*10.91*	
		For 304 Stainless Steel, Add	*172.71*	
05 12 23 00-0603	LF	MC13 x 50 - 13" Wide Channel	150.75	56.25
		For >100 To 250, Deduct	*-5.63*	
		For >250 To 500, Deduct	*-9.39*	
		For >500 To 1,000, Deduct	*-15.04*	
		For >1,000, Deduct	*-20.68*	
		For 316 Stainless Steel, Add	*242.40*	
		For Galvanized Steel, Add	*46.97*	
		For Aluminum, Add	*13.64*	
		For 304 Stainless Steel, Add	*215.89*	
05 12 23 00-0604	LF	MC18 x 42.7 - 18" Wide Channel	128.74	48.04
		For >100 To 250, Deduct	*-4.80*	
		For >250 To 500, Deduct	*-8.02*	
		For >500 To 1,000, Deduct	*-12.84*	
		For >1,000, Deduct	*-17.66*	
		For 316 Stainless Steel, Add	*207.01*	
		For Galvanized Steel, Add	*40.11*	
		For Aluminum, Add	*11.64*	
		For 304 Stainless Steel, Add	*184.37*	
05 12 23 00-0605	LF	MC18 x 45.8 - 18" Wide Channel	138.09	51.53
		For >100 To 250, Deduct	*-5.15*	
		For >250 To 500, Deduct	*-8.60*	
		For >500 To 1,000, Deduct	*-13.77*	
		For >1,000, Deduct	*-18.94*	
		For 316 Stainless Steel, Add	*222.05*	
		For Galvanized Steel, Add	*43.02*	
		For Aluminum, Add	*12.49*	
		For 304 Stainless Steel, Add	*197.76*	
05 12 23 00-0606	LF	MC18 x 51.9 - 18" Wide Channel	156.49	58.39
		For >100 To 250, Deduct	*-5.84*	
		For >250 To 500, Deduct	*-9.75*	
		For >500 To 1,000, Deduct	*-15.61*	
		For >1,000, Deduct	*-21.47*	
		For 316 Stainless Steel, Add	*251.62*	
		For Galvanized Steel, Add	*48.75*	
		For Aluminum, Add	*14.15*	
		For 304 Stainless Steel, Add	*224.10*	
05 12 23 00-0607	LF	MC18 x 58 - 18" Wide Channel	174.87	65.25
		For >100 To 250, Deduct	*-6.53*	
		For >250 To 500, Deduct	*-10.90*	
		For >500 To 1,000, Deduct	*-17.44*	
		For >1,000, Deduct	*-23.99*	
		For 316 Stainless Steel, Add	*281.18*	
		For Galvanized Steel, Add	*54.48*	
		For Aluminum, Add	*15.82*	
		For 304 Stainless Steel, Add	*250.43*	

05 12 23 00-0608 Structural Bar Tees *(05 12 23 00-0422)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0609	LF	3/4" x 3/4" x 1/8" Structural Bar Tee	5.22	2.99
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-0.66*	
		For >1,000, Deduct	*-0.89*	
		For 316 Stainless Steel, Add	*3.94*	
		For Galvanized Steel, Add	*0.76*	
		For Aluminum, Add	*0.22*	
		For 304 Stainless Steel, Add	*3.51*	
05 12 23 00-0610	LF	1" x 1" x 1/8" Structural Bar Tee	6.39	3.53
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000, Deduct	*-1.07*	
		For 316 Stainless Steel, Add	*5.38*	
		For Galvanized Steel, Add	*1.04*	
		For Aluminum, Add	*0.30*	
		For 304 Stainless Steel, Add	*4.79*	
05 12 23 00-0611	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	10.23	4.07
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.05*	
		For >1,000, Deduct	*-1.45*	
		For 316 Stainless Steel, Add	*15.36*	
		For Galvanized Steel, Add	*2.98*	
		For Aluminum, Add	*0.86*	
		For 304 Stainless Steel, Add	*13.68*	
05 12 23 00-0612	LF	2" x 2" x 1/4" Structural Bar Tee	14.25	5.33
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.89*	
		For >500 To 1,000, Deduct	*-1.42*	
		For >1,000, Deduct	*-1.96*	
		For 316 Stainless Steel, Add	*22.88*	
		For Galvanized Steel, Add	*4.43*	
		For Aluminum, Add	*1.29*	
		For 304 Stainless Steel, Add	*20.38*	
05 12 23 00-0613	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	21.43	6.43
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-1.93*	
		For >1,000, Deduct	*-2.68*	
		For 316 Stainless Steel, Add	*41.12*	
		For Galvanized Steel, Add	*7.97*	
		For Aluminum, Add	*2.31*	
		For 304 Stainless Steel, Add	*36.62*	
05 12 23 00-0614	LF	3" x 3" x 3/8" Structural Bar Tee	26.39	8.23
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.48*	
		For >500 To 1,000, Deduct	*-2.42*	
		For >1,000, Deduct	*-3.35*	
		For 316 Stainless Steel, Add	*49.34*	
		For Galvanized Steel, Add	*9.56*	
		For Aluminum, Add	*2.78*	
		For 304 Stainless Steel, Add	*43.95*	

05 12 23 00-0615 Structural Zees *(05 12 23 00-0422)*

05 12 23 00-0616	LF	1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee	12.59	4.07
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.17*	
		For >1,000, Deduct	*-1.62*	
		For 316 Stainless Steel, Add	*22.91*	
		For Galvanized Steel, Add	*4.44*	
		For Aluminum, Add	*1.29*	
		For 304 Stainless Steel, Add	*20.41*	
05 12 23 00-0617	LF	2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee	23.62	4.86
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-1.83*	
		For >1,000, Deduct	*-2.58*	
		For 316 Stainless Steel, Add	*54.85*	
		For Galvanized Steel, Add	*10.63*	
		For Aluminum, Add	*3.09*	
		For 304 Stainless Steel, Add	*48.85*	
05 12 23 00-0618	LF	3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee	28.29	5.49
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-2.15*	
		For >1,000, Deduct	*-3.04*	
		For 316 Stainless Steel, Add	*67.10*	
		For Galvanized Steel, Add	*13.00*	
		For Aluminum, Add	*3.77*	
		For 304 Stainless Steel, Add	*59.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0619	LF	3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee	38.03	6.27
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1,000, Deduct	*-2.74*	
		For >1,000, Deduct	*-3.90*	
		For 316 Stainless Steel, Add	*94.94*	
		For Galvanized Steel, Add	*18.40*	
		For Aluminum, Add	*5.34*	
		For 304 Stainless Steel, Add	*84.56*	
05 12 23 00-0620	LF	3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee	49.26	6.82
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.91*	
		For >500 To 1,000, Deduct	*-3.37*	
		For >1,000, Deduct	*-4.83*	
		For 316 Stainless Steel, Add	*128.51*	
		For Galvanized Steel, Add	*24.90*	
		For Aluminum, Add	*7.23*	
		For 304 Stainless Steel, Add	*114.46*	

05 12 23 00-0621 Junior I-Beams *(05 12 23 00-0422)*

05 12 23 00-0622	LF	3" Junior I-Beam, 2.9 LB/LF	17.28	5.88
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.02*	
		For >500 To 1,000, Deduct	*-1.65*	
		For >1,000, Deduct	*-2.28*	
		For 316 Stainless Steel, Add	*30.21*	
		For Galvanized Steel, Add	*5.85*	
		For Aluminum, Add	*1.70*	
		For 304 Stainless Steel, Add	*26.90*	
05 12 23 00-0623	LF	4" Junior I-Beam, 3.2 LB/LF	19.00	6.43
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.12*	
		For >500 To 1,000, Deduct	*-1.81*	
		For >1,000, Deduct	*-2.50*	
		For 316 Stainless Steel, Add	*33.34*	
		For Galvanized Steel, Add	*6.46*	
		For Aluminum, Add	*1.88*	
		For 304 Stainless Steel, Add	*29.70*	
05 12 23 00-0624	LF	5" Junior I-Beam, 3.8 LB/LF	21.78	7.05
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.25*	
		For >500 To 1,000, Deduct	*-2.03*	
		For >1,000, Deduct	*-2.81*	
		For 316 Stainless Steel, Add	*39.58*	
		For Galvanized Steel, Add	*7.67*	
		For Aluminum, Add	*2.23*	
		For 304 Stainless Steel, Add	*35.25*	
05 12 23 00-0625	LF	6" Junior I-Beam, 4.4 LB/LF	24.57	7.69
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.38*	
		For >500 To 1,000, Deduct	*-2.25*	
		For >1,000, Deduct	*-3.12*	
		For 316 Stainless Steel, Add	*45.82*	
		For Galvanized Steel, Add	*8.88*	
		For Aluminum, Add	*2.58*	
		For 304 Stainless Steel, Add	*40.81*	
05 12 23 00-0626	LF	7" Junior I-Beam, 5.5 LB/LF	28.87	8.23
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.54*	
		For >500 To 1,000, Deduct	*-2.54*	
		For >1,000, Deduct	*-3.54*	
		For 316 Stainless Steel, Add	*57.28*	
		For Galvanized Steel, Add	*11.10*	
		For Aluminum, Add	*3.22*	
		For 304 Stainless Steel, Add	*51.02*	
05 12 23 00-0627	LF	8" Junior I-Beam, 6.5 LB/LF	32.87	8.78
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.70*	
		For >500 To 1,000, Deduct	*-2.81*	
		For >1,000, Deduct	*-3.93*	
		For 316 Stainless Steel, Add	*67.71*	
		For Galvanized Steel, Add	*13.12*	
		For Aluminum, Add	*3.81*	
		For 304 Stainless Steel, Add	*60.31*	
05 12 23 00-0628	LF	10" Junior I-Beam, 9 LB/LF	42.68	10.04
		For >100 To 250, Deduct	*-1.00*	
		For >250 To 500, Deduct	*-2.07*	
		For >500 To 1,000, Deduct	*-3.47*	
		For >1,000, Deduct	*-4.87*	
		For 316 Stainless Steel, Add	*93.76*	
		For Galvanized Steel, Add	*18.17*	
		For Aluminum, Add	*5.27*	
		For 304 Stainless Steel, Add	*83.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0629	LF	12" Junior I-Beam, 11.8 LB/LF	54.30	11.92
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-2.55*	
		For >500 To 1,000, Deduct	*-4.30*	
		For >1,000, Deduct	*-6.06*	
		For 316 Stainless Steel, Add	*122.91*	
		For Galvanized Steel, Add	*23.81*	
		For Aluminum, Add	*6.91*	
		For 304 Stainless Steel, Add	*109.47*	
05 12 23 00-0630		Round Stock *(05 12 23 00-0422)*		
05 12 23 00-0631	LF	1/4" Carbon Steel Rounds, ASTM A108	2.44	
		For 316 Stainless Steel, Add	*4.45*	
		For Galvanized Steel, Add	*0.86*	
		For Aluminum, Add	*0.25*	
		For 304 Stainless Steel, Add	*3.96*	
05 12 23 00-0632	LF	3/8" Carbon Steel Rounds, ASTM A108	3.93	
		For 316 Stainless Steel, Add	*8.77*	
		For Galvanized Steel, Add	*1.70*	
		For Aluminum, Add	*0.49*	
		For 304 Stainless Steel, Add	*7.81*	
05 12 23 00-0633	LF	1/2" Carbon Steel Rounds, ASTM A108	5.49	
		For 316 Stainless Steel, Add	*13.38*	
		For Galvanized Steel, Add	*2.59*	
		For Aluminum, Add	*0.75*	
		For 304 Stainless Steel, Add	*11.91*	
05 12 23 00-0634	LF	5/8" Carbon Steel Rounds, ASTM A108	8.42	
		For 316 Stainless Steel, Add	*22.30*	
		For Galvanized Steel, Add	*4.32*	
		For Aluminum, Add	*1.25*	
		For 304 Stainless Steel, Add	*19.86*	
05 12 23 00-0635	LF	3/4" Carbon Steel Rounds, ASTM A108	10.02	
		For 316 Stainless Steel, Add	*26.50*	
		For Galvanized Steel, Add	*5.13*	
		For Aluminum, Add	*1.49*	
		For 304 Stainless Steel, Add	*23.60*	
05 12 23 00-0636	LF	7/8" Carbon Steel Rounds, ASTM A108	11.69	
		For 316 Stainless Steel, Add	*30.94*	
		For Galvanized Steel, Add	*6.00*	
		For Aluminum, Add	*1.74*	
		For 304 Stainless Steel, Add	*27.56*	
05 12 23 00-0637	LF	1" Carbon Steel Rounds, ASTM A108	17.12	
		For 316 Stainless Steel, Add	*47.17*	
		For Galvanized Steel, Add	*9.14*	
		For Aluminum, Add	*2.65*	
		For 304 Stainless Steel, Add	*42.01*	
05 12 23 00-0638	LF	1-1/8" Carbon Steel Rounds, ASTM A108	20.80	
		For 316 Stainless Steel, Add	*57.28*	
		For Galvanized Steel, Add	*11.10*	
		For Aluminum, Add	*3.22*	
		For 304 Stainless Steel, Add	*51.02*	
05 12 23 00-0639	LF	1-1/4" Carbon Steel Rounds, ASTM A108	24.81	
		For 316 Stainless Steel, Add	*67.42*	
		For Galvanized Steel, Add	*13.06*	
		For Aluminum, Add	*3.79*	
		For 304 Stainless Steel, Add	*60.05*	
05 12 23 00-0640	LF	1-3/8" Carbon Steel Rounds, ASTM A108	30.06	
		For 316 Stainless Steel, Add	*82.27*	
		For Galvanized Steel, Add	*15.94*	
		For Aluminum, Add	*4.63*	
		For 304 Stainless Steel, Add	*73.27*	
05 12 23 00-0641	LF	1-1/2" Carbon Steel Rounds, ASTM A108	33.43	
		For 316 Stainless Steel, Add	*90.24*	
		For Galvanized Steel, Add	*17.48*	
		For Aluminum, Add	*5.08*	
		For 304 Stainless Steel, Add	*80.37*	
05 12 23 00-0642	LF	1-5/8" Carbon Steel Rounds, ASTM A108	38.49	
		For 316 Stainless Steel, Add	*102.27*	
		For Galvanized Steel, Add	*19.82*	
		For Aluminum, Add	*5.75*	
		For 304 Stainless Steel, Add	*91.09*	
05 12 23 00-0643	LF	1-3/4" Carbon Steel Rounds, ASTM A108	45.92	
		For 316 Stainless Steel, Add	*119.04*	
		For Galvanized Steel, Add	*23.06*	
		For Aluminum, Add	*6.70*	
		For 304 Stainless Steel, Add	*106.02*	
05 12 23 00-0644	LF	1-7/8" Carbon Steel Rounds, ASTM A108	55.07	
		For 316 Stainless Steel, Add	*139.42*	
		For Galvanized Steel, Add	*27.01*	
		For Aluminum, Add	*7.84*	
		For 304 Stainless Steel, Add	*124.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0645	LF	2" Carbon Steel Rounds, ASTM A108	62.70	
		For 316 Stainless Steel, Add	*155.10*	
		For Galvanized Steel, Add	*30.05*	
		For Aluminum, Add	*8.72*	
		For 304 Stainless Steel, Add	*138.14*	
05 12 23 00-0646	LF	2-1/8" Carbon Steel Rounds, ASTM A108	73.03	
		For 316 Stainless Steel, Add	*177.12*	
		For Galvanized Steel, Add	*34.32*	
		For Aluminum, Add	*9.96*	
		For 304 Stainless Steel, Add	*157.75*	
05 12 23 00-0647	LF	2-1/4" Carbon Steel Rounds, ASTM A108	82.56	
		For 316 Stainless Steel, Add	*199.17*	
		For Galvanized Steel, Add	*38.59*	
		For Aluminum, Add	*11.20*	
		For 304 Stainless Steel, Add	*177.38*	
05 12 23 00-0648	LF	2-3/8" Carbon Steel Rounds, ASTM A108	94.56	
		For 316 Stainless Steel, Add	*227.81*	
		For Galvanized Steel, Add	*44.14*	
		For Aluminum, Add	*12.81*	
		For 304 Stainless Steel, Add	*202.89*	
05 12 23 00-0649	LF	2-1/2" Carbon Steel Rounds, ASTM A108	104.16	
		For 316 Stainless Steel, Add	*245.50*	
		For Galvanized Steel, Add	*47.57*	
		For Aluminum, Add	*13.81*	
		For 304 Stainless Steel, Add	*218.65*	
05 12 23 00-0650	LF	2-5/8" Carbon Steel Rounds, ASTM A108	127.94	
		For 316 Stainless Steel, Add	*311.84*	
		For Galvanized Steel, Add	*60.42*	
		For Aluminum, Add	*17.54*	
		For 304 Stainless Steel, Add	*277.73*	
05 12 23 00-0651	LF	2-3/4" Carbon Steel Rounds, ASTM A108	145.69	
		For 316 Stainless Steel, Add	*355.62*	
		For Galvanized Steel, Add	*68.90*	
		For Aluminum, Add	*20.00*	
		For 304 Stainless Steel, Add	*316.72*	
05 12 23 00-0652	LF	2-7/8 Carbon Steel Rounds, ASTM A108	162.47	
		For 316 Stainless Steel, Add	*396.29*	
		For Galvanized Steel, Add	*76.78*	
		For Aluminum, Add	*22.29*	
		For 304 Stainless Steel, Add	*352.94*	
05 12 23 00-0653	LF	3" Carbon Steel Rounds, ASTM A108	170.24	
		For 316 Stainless Steel, Add	*408.16*	
		For Galvanized Steel, Add	*79.08*	
		For Aluminum, Add	*22.96*	
		For 304 Stainless Steel, Add	*363.52*	
05 12 23 00-0654	LF	3-1/8" Carbon Steel Rounds, ASTM A108	177.13	
		For 316 Stainless Steel, Add	*417.22*	
		For Galvanized Steel, Add	*80.84*	
		For Aluminum, Add	*23.47*	
		For 304 Stainless Steel, Add	*371.58*	
05 12 23 00-0655	LF	3-1/4" Carbon Steel Rounds, ASTM A108	186.52	
		For 316 Stainless Steel, Add	*434.24*	
		For Galvanized Steel, Add	*84.13*	
		For Aluminum, Add	*24.43*	
		For 304 Stainless Steel, Add	*386.75*	
05 12 23 00-0656	LF	3-1/2" Carbon Steel Rounds, ASTM A108	228.08	
		For 316 Stainless Steel, Add	*550.98*	
		For Galvanized Steel, Add	*106.75*	
		For Aluminum, Add	*30.99*	
		For 304 Stainless Steel, Add	*490.71*	
05 12 23 00-0657	LF	3-5/8" Carbon Steel Rounds, ASTM A108	253.61	
		For 316 Stainless Steel, Add	*616.38*	
		For Galvanized Steel, Add	*119.42*	
		For Aluminum, Add	*34.67*	
		For 304 Stainless Steel, Add	*548.97*	
05 12 23 00-0658	LF	3-3/4" Carbon Steel Rounds, ASTM A108	272.11	
		For 316 Stainless Steel, Add	*659.33*	
		For Galvanized Steel, Add	*127.74*	
		For Aluminum, Add	*37.09*	
		For 304 Stainless Steel, Add	*587.21*	
05 12 23 00-0659	LF	4" Carbon Steel Rounds, ASTM A108	305.74	
		For 316 Stainless Steel, Add	*750.69*	
		For Galvanized Steel, Add	*145.45*	
		For Aluminum, Add	*42.23*	
		For 304 Stainless Steel, Add	*668.58*	
05 12 23 00-0660		Square Stock *(05 12 23 00-0422)*		
05 12 23 00-0661	LF	3/8" Square Bar Stock	1.91	
		For 316 Stainless Steel, Add	*2.30*	
		For Galvanized Steel, Add	*0.45*	
		For Aluminum, Add	*0.13*	
		For 304 Stainless Steel, Add	*2.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0662	LF	1/2" Square Bar Stock	2.59	
		For 316 Stainless Steel, Add	*4.10*	
		For Galvanized Steel, Add	*0.79*	
		For Aluminum, Add	*0.23*	
		For 304 Stainless Steel, Add	*3.65*	
05 12 23 00-0663	LF	5/8" Square Bar Stock	3.45	
		For 316 Stainless Steel, Add	*6.40*	
		For Galvanized Steel, Add	*1.24*	
		For Aluminum, Add	*0.36*	
		For 304 Stainless Steel, Add	*5.70*	
05 12 23 00-0664	LF	3/4" Square Bar Stock	4.62	
		For 316 Stainless Steel, Add	*9.22*	
		For Galvanized Steel, Add	*1.79*	
		For Aluminum, Add	*0.52*	
		For 304 Stainless Steel, Add	*8.21*	
05 12 23 00-0665	LF	7/8" Square Bar Stock	6.04	
		For 316 Stainless Steel, Add	*12.86*	
		For Galvanized Steel, Add	*2.49*	
		For Aluminum, Add	*0.72*	
		For 304 Stainless Steel, Add	*11.46*	
05 12 23 00-0666	LF	1" Square Bar Stock	7.52	
		For 316 Stainless Steel, Add	*16.45*	
		For Galvanized Steel, Add	*3.19*	
		For Aluminum, Add	*0.93*	
		For 304 Stainless Steel, Add	*14.65*	
05 12 23 00-0667	LF	1-1/4" Square Bar Stock	11.76	
		For 316 Stainless Steel, Add	*25.66*	
		For Galvanized Steel, Add	*4.97*	
		For Aluminum, Add	*1.44*	
		For 304 Stainless Steel, Add	*22.86*	
05 12 23 00-0668	LF	1-1/2" Square Bar Stock	16.79	
		For 316 Stainless Steel, Add	*36.99*	
		For Galvanized Steel, Add	*7.17*	
		For Aluminum, Add	*2.08*	
		For 304 Stainless Steel, Add	*32.95*	
05 12 23 00-0669	LF	1-3/4" Square Bar Stock	24.79	
		For 316 Stainless Steel, Add	*51.42*	
		For Galvanized Steel, Add	*9.96*	
		For Aluminum, Add	*2.89*	
		For 304 Stainless Steel, Add	*45.80*	
05 12 23 00-0670	LF	2" Square Bar Stock	35.19	
		For 316 Stainless Steel, Add	*65.79*	
		For Galvanized Steel, Add	*12.75*	
		For Aluminum, Add	*3.70*	
		For 304 Stainless Steel, Add	*58.60*	

05 12 23 00-0671 Steel Tubing *(05 12 23 00-0422)*
Note: General purpose low-carbon steel.

05 12 23 00-0672 Square Steel Tubing *(05 12 23 00-0671)*

05 12 23 00-0673 0.06" Wall Thickness *(05 12 23 00-0672)*

05 12 23 00-0674	LF	1/2" x 1/2" x 0.06" Square Steel Tubing	2.64	0.56
		For >100 To 250, Deduct	*-0.06*	
		For >250 To 500, Deduct	*-0.12*	
		For >500 To 1,000, Deduct	*-0.21*	
		For >1,000, Deduct	*-0.29*	
		For 316 Stainless Steel, Add	*6.05*	
		For Galvanized Steel, Add	*1.17*	
		For Aluminum, Add	*0.34*	
		For 304 Stainless Steel, Add	*5.39*	
05 12 23 00-0675	LF	3/4" x 3/4" x 0.06" Square Steel Tubing	4.06	0.89
		For >100 To 250, Deduct	*-0.09*	
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 1,000, Deduct	*-0.32*	
		For >1,000, Deduct	*-0.45*	
		For 316 Stainless Steel, Add	*9.22*	
		For Galvanized Steel, Add	*1.79*	
		For Aluminum, Add	*0.52*	
		For 304 Stainless Steel, Add	*8.21*	
05 12 23 00-0676	LF	1" x 1" x 0.06" Square Steel Tubing	5.45	1.60
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 1,000, Deduct	*-0.43*	
		For >1,000, Deduct	*-0.61*	
		For 316 Stainless Steel, Add	*12.32*	
		For Galvanized Steel, Add	*2.39*	
		For Aluminum, Add	*0.69*	
		For 304 Stainless Steel, Add	*10.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0677	LF	1-1/4" x 1-1/4" x 0.06" Square Steel Tubing	7.22	1.52
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.33*	
		For >500 To 1,000, Deduct	*-0.57*	
		For >1,000, Deduct	*-0.80*	
		For 316 Stainless Steel, Add	*16.58*	
		For Galvanized Steel, Add	*3.21*	
		For Aluminum, Add	*0.93*	
		For 304 Stainless Steel, Add	*14.76*	
05 12 23 00-0678	LF	1-1/2" x 1-1/2" x 0.06" Square Steel Tubing	8.55	1.84
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.40*	
		For >500 To 1,000, Deduct	*-0.67*	
		For >1,000, Deduct	*-0.95*	
		For 316 Stainless Steel, Add	*19.49*	
		For Galvanized Steel, Add	*3.78*	
		For Aluminum, Add	*1.10*	
		For 304 Stainless Steel, Add	*17.36*	
05 12 23 00-0679		0.083" Wall Thickness *(05 12 23 00-0672)*		
05 12 23 00-0680	LF	3/4" x 3/4" x 0.083" Square Steel Tubing	4.72	1.04
		For >100 To 250, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.22*	
		For >500 To 1,000, Deduct	*-0.37*	
		For >1,000, Deduct	*-0.53*	
		For 316 Stainless Steel, Add	*10.69*	
		For Galvanized Steel, Add	*2.07*	
		For Aluminum, Add	*0.60*	
		For 304 Stainless Steel, Add	*9.52*	
05 12 23 00-0681	LF	1" x 1" x 0.083" Square Steel Tubing	6.88	1.42
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.53*	
		For >1,000, Deduct	*-0.75*	
		For 316 Stainless Steel, Add	*15.97*	
		For Galvanized Steel, Add	*3.09*	
		For Aluminum, Add	*0.90*	
		For 304 Stainless Steel, Add	*14.22*	
05 12 23 00-0682	LF	1-1/4" x 1-1/4" x 0.083" Square Steel Tubing	8.30	1.80
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-0.66*	
		For >1,000, Deduct	*-0.92*	
		For 316 Stainless Steel, Add	*18.85*	
		For Galvanized Steel, Add	*3.65*	
		For Aluminum, Add	*1.06*	
		For 304 Stainless Steel, Add	*16.79*	
05 12 23 00-0683	LF	1-1/2" x 1-1/2" x 0.083" Square Steel Tubing	10.04	2.20
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.80*	
		For >1,000, Deduct	*-1.12*	
		For 316 Stainless Steel, Add	*22.75*	
		For Galvanized Steel, Add	*4.41*	
		For Aluminum, Add	*1.28*	
		For 304 Stainless Steel, Add	*20.26*	
05 12 23 00-0684	LF	2" x 2" x 0.083" Square Steel Tubing	12.85	2.93
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000, Deduct	*-1.45*	
		For 316 Stainless Steel, Add	*28.64*	
		For Galvanized Steel, Add	*5.55*	
		For Aluminum, Add	*1.61*	
		For 304 Stainless Steel, Add	*25.51*	
05 12 23 00-0685		0.12" Wall Thickness *(05 12 23 00-0672)*		
05 12 23 00-0686	LF	1" x 1" x 0.12" Square Steel Tubing	7.58	1.69
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.61*	
		For >1,000, Deduct	*-0.85*	
		For 316 Stainless Steel, Add	*17.02*	
		For Galvanized Steel, Add	*3.30*	
		For Aluminum, Add	*0.96*	
		For 304 Stainless Steel, Add	*15.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0687	LF	1-1/4" x 1-1/4" x 0.12" Square Steel Tubing	9.76	2.17
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.78*	
		For >1,000, Deduct	*-1.09*	
		For 316 Stainless Steel, Add	*21.98*	
		For Galvanized Steel, Add	*4.26*	
		For Aluminum, Add	*1.24*	
		For 304 Stainless Steel, Add	*19.58*	
05 12 23 00-0688	LF	1-1/2" x 1-1/2" x 0.12" Square Steel Tubing	11.99	2.65
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.57*	
		For >500 To 1,000, Deduct	*-0.95*	
		For >1,000, Deduct	*-1.34*	
		For 316 Stainless Steel, Add	*27.04*	
		For Galvanized Steel, Add	*5.24*	
		For Aluminum, Add	*1.52*	
		For 304 Stainless Steel, Add	*24.08*	
05 12 23 00-0689	LF	2" x 2" x 0.12" Square Steel Tubing	16.22	3.61
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.77*	
		For >500 To 1,000, Deduct	*-1.29*	
		For >1,000, Deduct	*-1.82*	
		For 316 Stainless Steel, Add	*36.48*	
		For Galvanized Steel, Add	*7.07*	
		For Aluminum, Add	*2.05*	
		For 304 Stainless Steel, Add	*32.49*	

05 12 23 00-0690 1/8" Wall Thickness *(05 12 23 00-0672)*

05 12 23 00-0691	LF	2" x 2" x 1/8" Square Steel Tubing	14.51	3.75
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.74*	
		For >500 To 1,000, Deduct	*-1.23*	
		For >1,000, Deduct	*-1.71*	
		For 316 Stainless Steel, Add	*30.40*	
		For Galvanized Steel, Add	*5.89*	
		For Aluminum, Add	*1.71*	
		For 304 Stainless Steel, Add	*27.08*	
05 12 23 00-0692	LF	2-1/2" x 2-1/2" x 1/8" Square Steel Tubing	19.18	4.76
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.96*	
		For >500 To 1,000, Deduct	*-1.59*	
		For >1,000, Deduct	*-2.23*	
		For 316 Stainless Steel, Add	*41.09*	
		For Galvanized Steel, Add	*7.96*	
		For Aluminum, Add	*2.31*	
		For 304 Stainless Steel, Add	*36.59*	
05 12 23 00-0693	LF	3" x 3" x 1/8" Square Steel Tubing	22.43	5.75
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.89*	
		For >1,000, Deduct	*-2.64*	
		For 316 Stainless Steel, Add	*47.23*	
		For Galvanized Steel, Add	*9.15*	
		For Aluminum, Add	*2.66*	
		For 304 Stainless Steel, Add	*42.07*	
05 12 23 00-0694	LF	3-1/2" x 3-1/2" x 1/8" Square Steel Tubing	25.98	6.75
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-2.20*	
		For >1,000, Deduct	*-3.07*	
		For 316 Stainless Steel, Add	*54.30*	
		For Galvanized Steel, Add	*10.52*	
		For Aluminum, Add	*3.05*	
		For 304 Stainless Steel, Add	*48.36*	
05 12 23 00-0695	LF	4" x 4" x 1/8" Square Steel Tubing	28.56	7.76
		For >100 To 250, Deduct	*-0.78*	
		For >250 To 500, Deduct	*-1.49*	
		For >500 To 1,000, Deduct	*-2.46*	
		For >1,000, Deduct	*-3.43*	
		For 316 Stainless Steel, Add	*58.30*	
		For Galvanized Steel, Add	*11.30*	
		For Aluminum, Add	*3.28*	
		For 304 Stainless Steel, Add	*51.93*	

05 12 23 00-0696 3/16" Wall Thickness *(05 12 23 00-0672)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0697	LF	2" x 2" x 3/16" Square Steel Tubing	16.45	4.23
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.83*	
		For >500 To 1,000, Deduct	*-1.39*	
		For >1,000, Deduct	*-1.94*	
		For 316 Stainless Steel, Add	*34.59*	
		For Galvanized Steel, Add	*6.70*	
		For Aluminum, Add	*1.95*	
		For 304 Stainless Steel, Add	*30.81*	
05 12 23 00-0698	LF	2-1/2" x 2-1/2" x 3/16" Square Steel Tubing	21.30	5.48
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-1.80*	
		For >1,000, Deduct	*-2.51*	
		For 316 Stainless Steel, Add	*44.77*	
		For Galvanized Steel, Add	*8.67*	
		For Aluminum, Add	*2.52*	
		For 304 Stainless Steel, Add	*39.87*	
05 12 23 00-0699	LF	3" x 3" x 3/16" Square Steel Tubing	26.18	6.73
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-2.21*	
		For >1,000, Deduct	*-3.09*	
		For 316 Stainless Steel, Add	*55.04*	
		For Galvanized Steel, Add	*10.66*	
		For Aluminum, Add	*3.10*	
		For 304 Stainless Steel, Add	*49.02*	
05 12 23 00-0700	LF	3-1/2" x 3-1/2" x 3/16" Square Steel Tubing	31.05	7.99
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1,000, Deduct	*-2.62*	
		For >1,000, Deduct	*-3.66*	
		For 316 Stainless Steel, Add	*65.28*	
		For Galvanized Steel, Add	*12.65*	
		For Aluminum, Add	*3.67*	
		For 304 Stainless Steel, Add	*58.14*	
05 12 23 00-0701	LF	4" x 4" x 3/16" Square Steel Tubing	35.89	9.23
		For >100 To 250, Deduct	*-0.92*	
		For >250 To 500, Deduct	*-1.82*	
		For >500 To 1,000, Deduct	*-3.03*	
		For >1,000, Deduct	*-4.23*	
		For 316 Stainless Steel, Add	*75.46*	
		For Galvanized Steel, Add	*14.62*	
		For Aluminum, Add	*4.24*	
		For 304 Stainless Steel, Add	*67.20*	
05 12 23 00-0702	LF	4-1/2" x 4-1/2" x 3/16" Square Steel Tubing	40.77	10.49
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-2.07*	
		For >500 To 1,000, Deduct	*-3.44*	
		For >1,000, Deduct	*-4.81*	
		For 316 Stainless Steel, Add	*85.70*	
		For Galvanized Steel, Add	*16.60*	
		For Aluminum, Add	*4.82*	
		For 304 Stainless Steel, Add	*76.32*	
05 12 23 00-0703	LF	5" x 5" x 3/16" Square Steel Tubing	45.60	11.73
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-2.31*	
		For >500 To 1,000, Deduct	*-3.84*	
		For >1,000, Deduct	*-5.38*	
		For 316 Stainless Steel, Add	*95.87*	
		For Galvanized Steel, Add	*18.58*	
		For Aluminum, Add	*5.39*	
		For 304 Stainless Steel, Add	*85.39*	
05 12 23 00-0704	LF	6" x 6" x 3/16" Square Steel Tubing	55.36	14.24
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-2.81*	
		For >500 To 1,000, Deduct	*-4.67*	
		For >1,000, Deduct	*-6.53*	
		For 316 Stainless Steel, Add	*116.38*	
		For Galvanized Steel, Add	*22.55*	
		For Aluminum, Add	*6.55*	
		For 304 Stainless Steel, Add	*103.65*	
05 12 23 00-0705		1/4" Wall Thickness *(05 12 23 00-0672)*		
05 12 23 00-0706	LF	2" x 2" x 1/4" Square Steel Tubing	17.60	4.24
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.86*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000, Deduct	*-2.03*	
		For 316 Stainless Steel, Add	*38.24*	
		For Galvanized Steel, Add	*7.41*	
		For Aluminum, Add	*2.15*	
		For 304 Stainless Steel, Add	*34.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0707	LF	2-1/2" x 2-1/2" x 1/4" Square Steel Tubing	23.15	5.57
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.90*	
		For >1,000, Deduct	*-2.67*	
		For 316 Stainless Steel, Add	*50.27*	
		For Galvanized Steel, Add	*9.74*	
		For Aluminum, Add	*2.83*	
		For 304 Stainless Steel, Add	*44.77*	
05 12 23 00-0708	LF	3" x 3" x 1/4" Square Steel Tubing	28.67	6.90
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.35*	
		For >1,000, Deduct	*-3.30*	
		For 316 Stainless Steel, Add	*62.27*	
		For Galvanized Steel, Add	*12.07*	
		For Aluminum, Add	*3.50*	
		For 304 Stainless Steel, Add	*55.46*	
05 12 23 00-0709	LF	3-1/2" x 3-1/2" x 1/4" Square Steel Tubing	34.20	8.24
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.68*	
		For >500 To 1,000, Deduct	*-2.81*	
		For >1,000, Deduct	*-3.94*	
		For 316 Stainless Steel, Add	*74.30*	
		For Galvanized Steel, Add	*14.40*	
		For Aluminum, Add	*4.18*	
		For 304 Stainless Steel, Add	*66.18*	
05 12 23 00-0710	LF	4" x 4" x 1/4" Square Steel Tubing	39.74	9.57
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.95*	
		For >500 To 1,000, Deduct	*-3.26*	
		For >1,000, Deduct	*-4.58*	
		For 316 Stainless Steel, Add	*86.30*	
		For Galvanized Steel, Add	*16.72*	
		For Aluminum, Add	*4.85*	
		For 304 Stainless Steel, Add	*76.86*	
05 12 23 00-0711	LF	4-1/2" x 4-1/2" x 1/4" Square Steel Tubing	45.27	10.90
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-2.22*	
		For >500 To 1,000, Deduct	*-3.72*	
		For >1,000, Deduct	*-5.21*	
		For 316 Stainless Steel, Add	*98.34*	
		For Galvanized Steel, Add	*19.05*	
		For Aluminum, Add	*5.53*	
		For 304 Stainless Steel, Add	*87.58*	
05 12 23 00-0712	LF	5" x 5" x 1/4" Square Steel Tubing	50.84	12.24
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-2.50*	
		For >500 To 1,000, Deduct	*-4.18*	
		For >1,000, Deduct	*-5.85*	
		For 316 Stainless Steel, Add	*110.43*	
		For Galvanized Steel, Add	*21.40*	
		For Aluminum, Add	*6.21*	
		For 304 Stainless Steel, Add	*98.35*	
05 12 23 00-0713	LF	6" x 6" x 1/4" Square Steel Tubing	61.90	14.91
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-3.04*	
		For >500 To 1,000, Deduct	*-5.08*	
		For >1,000, Deduct	*-7.13*	
		For 316 Stainless Steel, Add	*134.46*	
		For Galvanized Steel, Add	*26.05*	
		For Aluminum, Add	*7.56*	
		For 304 Stainless Steel, Add	*119.76*	

05 12 23 00-0714 Rectangular Steel Tubing *(05 12 23 00-0671)*

05 12 23 00-0715 3/16" Wall Thickness *(05 12 23 00-0714)*

05 12 23 00-0716	LF	3" x 2" x 3/16" Square Steel Tubing	21.30	5.48
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-1.80*	
		For >1,000, Deduct	*-2.51*	
		For 316 Stainless Steel, Add	*44.77*	
		For Galvanized Steel, Add	*8.67*	
		For Aluminum, Add	*2.52*	
		For 304 Stainless Steel, Add	*39.87*	
05 12 23 00-0717	LF	4" x 2" x 3/16" Square Steel Tubing	26.18	6.73
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-2.21*	
		For >1,000, Deduct	*-3.09*	
		For 316 Stainless Steel, Add	*55.04*	
		For Galvanized Steel, Add	*10.66*	
		For Aluminum, Add	*3.10*	
		For 304 Stainless Steel, Add	*49.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0718	LF	4" x 3" x 3/16" Square Steel Tubing	31.05	7.99
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1,000, Deduct	*-2.62*	
		For >1,000, Deduct	*-3.66*	
		For 316 Stainless Steel, Add	*65.28*	
		For Galvanized Steel, Add	*12.65*	
		For Aluminum, Add	*3.67*	
		For 304 Stainless Steel, Add	*58.14*	
05 12 23 00-0719	LF	5" x 2" x 3/16" Square Steel Tubing	31.05	7.99
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1,000, Deduct	*-2.62*	
		For >1,000, Deduct	*-3.66*	
		For 316 Stainless Steel, Add	*65.28*	
		For Galvanized Steel, Add	*12.65*	
		For Aluminum, Add	*3.67*	
		For 304 Stainless Steel, Add	*58.14*	
05 12 23 00-0720	LF	5" x 3" x 3/16" Square Steel Tubing	35.89	9.23
		For >100 To 250, Deduct	*-0.92*	
		For >250 To 500, Deduct	*-1.82*	
		For >500 To 1,000, Deduct	*-3.03*	
		For >1,000, Deduct	*-4.23*	
		For 316 Stainless Steel, Add	*75.46*	
		For Galvanized Steel, Add	*14.62*	
		For Aluminum, Add	*4.24*	
		For 304 Stainless Steel, Add	*67.20*	
05 12 23 00-0721	LF	5" x 4" x 3/16" Square Steel Tubing	40.77	10.49
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-2.07*	
		For >500 To 1,000, Deduct	*-3.44*	
		For >1,000, Deduct	*-4.81*	
		For 316 Stainless Steel, Add	*85.70*	
		For Galvanized Steel, Add	*16.60*	
		For Aluminum, Add	*4.82*	
		For 304 Stainless Steel, Add	*76.32*	
05 12 23 00-0722	LF	6" x 2" x 3/16" Square Steel Tubing	35.89	9.23
		For >100 To 250, Deduct	*-0.92*	
		For >250 To 500, Deduct	*-1.82*	
		For >500 To 1,000, Deduct	*-3.03*	
		For >1,000, Deduct	*-4.23*	
		For 316 Stainless Steel, Add	*75.46*	
		For Galvanized Steel, Add	*14.62*	
		For Aluminum, Add	*4.24*	
		For 304 Stainless Steel, Add	*67.20*	
05 12 23 00-0723	LF	6" x 3" x 3/16" Square Steel Tubing	40.77	10.49
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-2.07*	
		For >500 To 1,000, Deduct	*-3.44*	
		For >1,000, Deduct	*-4.81*	
		For 316 Stainless Steel, Add	*85.70*	
		For Galvanized Steel, Add	*16.60*	
		For Aluminum, Add	*4.82*	
		For 304 Stainless Steel, Add	*76.32*	
05 12 23 00-0724	LF	6" x 4" x 3/16" Square Steel Tubing	45.60	11.73
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-2.31*	
		For >500 To 1,000, Deduct	*-3.84*	
		For >1,000, Deduct	*-5.38*	
		For 316 Stainless Steel, Add	*95.87*	
		For Galvanized Steel, Add	*18.58*	
		For Aluminum, Add	*5.39*	
		For 304 Stainless Steel, Add	*85.39*	
05 12 23 00-0725		1/4" Wall Thickness *(05 12 23 00-0714)*		
05 12 23 00-0726	LF	3" x 2" x 1/4" Square Steel Tubing	23.15	5.57
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.90*	
		For >1,000, Deduct	*-2.67*	
		For 316 Stainless Steel, Add	*50.27*	
		For Galvanized Steel, Add	*9.74*	
		For Aluminum, Add	*2.83*	
		For 304 Stainless Steel, Add	*44.77*	
05 12 23 00-0727	LF	4" x 2" x 1/4" Square Steel Tubing	28.67	6.90
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.35*	
		For >1,000, Deduct	*-3.30*	
		For 316 Stainless Steel, Add	*62.27*	
		For Galvanized Steel, Add	*12.07*	
		For Aluminum, Add	*3.50*	
		For 304 Stainless Steel, Add	*55.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0728	LF	4" x 3" x 1/4" Square Steel Tubing	34.20	8.24
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.68*	
		For >500 To 1,000, Deduct	*-2.81*	
		For >1,000, Deduct	*-3.94*	
		For 316 Stainless Steel, Add	*74.30*	
		For Galvanized Steel, Add	*14.40*	
		For Aluminum, Add	*4.18*	
		For 304 Stainless Steel, Add	*66.18*	
05 12 23 00-0729	LF	5" x 2" x 1/4" Square Steel Tubing	34.20	8.24
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.68*	
		For >500 To 1,000, Deduct	*-2.81*	
		For >1,000, Deduct	*-3.94*	
		For 316 Stainless Steel, Add	*74.30*	
		For Galvanized Steel, Add	*14.40*	
		For Aluminum, Add	*4.18*	
		For 304 Stainless Steel, Add	*66.18*	
05 12 23 00-0730	LF	5" x 3" x 1/4" Square Steel Tubing	39.74	9.57
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.95*	
		For >500 To 1,000, Deduct	*-3.26*	
		For >1,000, Deduct	*-4.58*	
		For 316 Stainless Steel, Add	*86.30*	
		For Galvanized Steel, Add	*16.72*	
		For Aluminum, Add	*4.85*	
		For 304 Stainless Steel, Add	*76.86*	
05 12 23 00-0731	LF	5" x 4" x 1/4" Square Steel Tubing	45.27	10.90
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-2.22*	
		For >500 To 1,000, Deduct	*-3.72*	
		For >1,000, Deduct	*-5.21*	
		For 316 Stainless Steel, Add	*98.34*	
		For Galvanized Steel, Add	*19.05*	
		For Aluminum, Add	*5.53*	
		For 304 Stainless Steel, Add	*87.58*	
05 12 23 00-0732	LF	6" x 2" x 1/4" Square Steel Tubing	39.74	9.57
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.95*	
		For >500 To 1,000, Deduct	*-3.26*	
		For >1,000, Deduct	*-4.58*	
		For 316 Stainless Steel, Add	*86.30*	
		For Galvanized Steel, Add	*16.72*	
		For Aluminum, Add	*4.85*	
		For 304 Stainless Steel, Add	*76.86*	
05 12 23 00-0733	LF	6" x 3" x 1/4" Square Steel Tubing	45.27	10.90
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-2.22*	
		For >500 To 1,000, Deduct	*-3.72*	
		For >1,000, Deduct	*-5.21*	
		For 316 Stainless Steel, Add	*98.34*	
		For Galvanized Steel, Add	*19.05*	
		For Aluminum, Add	*5.53*	
		For 304 Stainless Steel, Add	*87.58*	
05 12 23 00-0734	LF	6" x 4" x 1/4" Square Steel Tubing	50.84	12.24
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-2.50*	
		For >500 To 1,000, Deduct	*-4.18*	
		For >1,000, Deduct	*-5.85*	
		For 316 Stainless Steel, Add	*110.43*	
		For Galvanized Steel, Add	*21.40*	
		For Aluminum, Add	*6.21*	
		For 304 Stainless Steel, Add	*98.35*	

05 12 23 00-0735 Round Steel Tubing *(05 12 23 00-0671)*

05 12 23 00-0736 0.065" Wall Thickness *(05 12 23 00-0735)*

05 12 23 00-0737	LF	1" Diameter x 0.065" Round Steel Tubing	4.72	1.02
		For >100 To 250, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.22*	
		For >500 To 1,000, Deduct	*-0.37*	
		For >1,000, Deduct	*-0.52*	
		For 316 Stainless Steel, Add	*10.75*	
		For Galvanized Steel, Add	*2.08*	
		For Aluminum, Add	*0.60*	
		For 304 Stainless Steel, Add	*9.58*	
05 12 23 00-0738	LF	1-1/4" Diameter x 0.065" Round Steel Tubing	5.98	1.29
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.28*	
		For >500 To 1,000, Deduct	*-0.47*	
		For >1,000, Deduct	*-0.66*	
		For 316 Stainless Steel, Add	*13.63*	
		For Galvanized Steel, Add	*2.64*	
		For Aluminum, Add	*0.77*	
		For 304 Stainless Steel, Add	*12.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0739	LF	1-1/2" Diameter x 0.065" Round Steel Tubing	7.24	1.56
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-0.57*	
		For >1,000, Deduct	*-0.80*	
		For 316 Stainless Steel, Add	*16.48*	
		For Galvanized Steel, Add	*3.19*	
		For Aluminum, Add	*0.93*	
		For 304 Stainless Steel, Add	*14.68*	
05 12 23 00-0740	LF	2" Diameter x 0.065" Round Steel Tubing	9.76	2.11
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.45*	
		For >500 To 1,000, Deduct	*-0.77*	
		For >1,000, Deduct	*-1.08*	
		For 316 Stainless Steel, Add	*22.24*	
		For Galvanized Steel, Add	*4.31*	
		For Aluminum, Add	*1.25*	
		For 304 Stainless Steel, Add	*19.81*	
05 12 23 00-0741	LF	2-1/2" Diameter x 0.065" Round Steel Tubing	12.29	2.65
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.57*	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000, Deduct	*-1.36*	
		For 316 Stainless Steel, Add	*28.00*	
		For Galvanized Steel, Add	*5.43*	
		For Aluminum, Add	*1.58*	
		For 304 Stainless Steel, Add	*24.94*	
05 12 23 00-0742	LF	3" Diameter x 0.065" Round Steel Tubing	14.80	3.19
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.17*	
		For >1,000, Deduct	*-1.64*	
		For 316 Stainless Steel, Add	*33.73*	
		For Galvanized Steel, Add	*6.53*	
		For Aluminum, Add	*1.90*	
		For 304 Stainless Steel, Add	*30.04*	
05 12 23 00-0743	LF	3-1/2" Diameter x 0.065" Round Steel Tubing	17.33	3.74
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.81*	
		For >500 To 1,000, Deduct	*-1.37*	
		For >1,000, Deduct	*-1.92*	
		For 316 Stainless Steel, Add	*39.49*	
		For Galvanized Steel, Add	*7.65*	
		For Aluminum, Add	*2.22*	
		For 304 Stainless Steel, Add	*35.17*	
05 12 23 00-0744	LF	4" Diameter x 0.065" Round Steel Tubing	19.85	4.28
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.92*	
		For >500 To 1,000, Deduct	*-1.56*	
		For >1,000, Deduct	*-2.20*	
		For 316 Stainless Steel, Add	*45.25*	
		For Galvanized Steel, Add	*8.77*	
		For Aluminum, Add	*2.55*	
		For 304 Stainless Steel, Add	*40.30*	
05 12 23 00-0745		0.083" Wall Thickness *(05 12 23 00-0735)*		
05 12 23 00-0746	LF	1" Diameter x 0.083" Round Steel Tubing	5.12	1.12
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.24*	
		For >500 To 1,000, Deduct	*-0.41*	
		For >1,000, Deduct	*-0.57*	
		For 316 Stainless Steel, Add	*11.62*	
		For Galvanized Steel, Add	*2.25*	
		For Aluminum, Add	*0.65*	
		For 304 Stainless Steel, Add	*10.35*	
05 12 23 00-0747	LF	1-1/4" Diameter x 0.083" Round Steel Tubing	6.51	1.42
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.30*	
		For >500 To 1,000, Deduct	*-0.51*	
		For >1,000, Deduct	*-0.72*	
		For 316 Stainless Steel, Add	*14.78*	
		For Galvanized Steel, Add	*2.86*	
		For Aluminum, Add	*0.83*	
		For 304 Stainless Steel, Add	*13.17*	
05 12 23 00-0748	LF	1-1/2" Diameter x 0.083" Round Steel Tubing	7.91	1.72
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.37*	
		For >500 To 1,000, Deduct	*-0.63*	
		For >1,000, Deduct	*-0.88*	
		For 316 Stainless Steel, Add	*17.95*	
		For Galvanized Steel, Add	*3.48*	
		For Aluminum, Add	*1.01*	
		For 304 Stainless Steel, Add	*15.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0749	LF	2" Diameter x 0.083" Round Steel Tubing	10.69	2.33
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-0.84*	
		For >1,000, Deduct	*-1.19*	
		For 316 Stainless Steel, Add	*24.29*	
		For Galvanized Steel, Add	*4.71*	
		For Aluminum, Add	*1.37*	
		For 304 Stainless Steel, Add	*21.63*	
05 12 23 00-0750	LF	2-1/2" Diameter x 0.083" Round Steel Tubing	13.50	2.94
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.63*	
		For >500 To 1,000, Deduct	*-1.07*	
		For >1,000, Deduct	*-1.50*	
		For 316 Stainless Steel, Add	*30.66*	
		For Galvanized Steel, Add	*5.94*	
		For Aluminum, Add	*1.72*	
		For 304 Stainless Steel, Add	*27.30*	
05 12 23 00-0751	LF	3" Diameter x 0.083" Round Steel Tubing	16.29	3.55
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.76*	
		For >500 To 1,000, Deduct	*-1.29*	
		For >1,000, Deduct	*-1.81*	
		For 316 Stainless Steel, Add	*36.99*	
		For Galvanized Steel, Add	*7.17*	
		For Aluminum, Add	*2.08*	
		For 304 Stainless Steel, Add	*32.95*	
05 12 23 00-0752	LF	3-1/2" Diameter x 0.083" Round Steel Tubing	19.08	4.15
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.89*	
		For >500 To 1,000, Deduct	*-1.51*	
		For >1,000, Deduct	*-2.12*	
		For 316 Stainless Steel, Add	*43.33*	
		For Galvanized Steel, Add	*8.39*	
		For Aluminum, Add	*2.44*	
		For 304 Stainless Steel, Add	*38.59*	
05 12 23 00-0753	LF	4" Diameter x 0.083" Round Steel Tubing	21.87	4.77
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-1.02*	
		For >500 To 1,000, Deduct	*-1.73*	
		For >1,000, Deduct	*-2.43*	
		For 316 Stainless Steel, Add	*49.66*	
		For Galvanized Steel, Add	*9.62*	
		For Aluminum, Add	*2.79*	
		For 304 Stainless Steel, Add	*44.23*	
05 12 23 00-0754		0.125" Wall Thickness *(05 12 23 00-0735)*		
05 12 23 00-0755	LF	2" Diameter x 0.125" Round Steel Tubing	11.38	2.94
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 1,000, Deduct	*-0.96*	
		For >1,000, Deduct	*-1.34*	
		For 316 Stainless Steel, Add	*23.84*	
		For Galvanized Steel, Add	*4.62*	
		For Aluminum, Add	*1.34*	
		For 304 Stainless Steel, Add	*21.23*	
05 12 23 00-0756	LF	2-1/2" Diameter x 0.125" Round Steel Tubing	14.41	3.73
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1,000, Deduct	*-1.22*	
		For >1,000, Deduct	*-1.70*	
		For 316 Stainless Steel, Add	*30.21*	
		For Galvanized Steel, Add	*5.85*	
		For Aluminum, Add	*1.70*	
		For 304 Stainless Steel, Add	*26.90*	
05 12 23 00-0757	LF	3" Diameter x 0.125" Round Steel Tubing	17.45	4.51
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.89*	
		For >500 To 1,000, Deduct	*-1.47*	
		For >1,000, Deduct	*-2.06*	
		For 316 Stainless Steel, Add	*36.58*	
		For Galvanized Steel, Add	*7.09*	
		For Aluminum, Add	*2.06*	
		For 304 Stainless Steel, Add	*32.58*	
05 12 23 00-0758	LF	3-1/2" Diameter x 0.125" Round Steel Tubing	20.48	5.30
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-1.04*	
		For >500 To 1,000, Deduct	*-1.73*	
		For >1,000, Deduct	*-2.42*	
		For 316 Stainless Steel, Add	*42.94*	
		For Galvanized Steel, Add	*8.32*	
		For Aluminum, Add	*2.42*	
		For 304 Stainless Steel, Add	*38.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0759	LF	4" Diameter x 0.125" Round Steel Tubing	23.51	6.09
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.20*	
		For >500 To 1,000, Deduct	*-1.99*	
		For >1,000, Deduct	*-2.78*	
		For 316 Stainless Steel, Add	*49.28*	
		For Galvanized Steel, Add	*9.55*	
		For Aluminum, Add	*2.77*	
		For 304 Stainless Steel, Add	*43.89*	
05 12 23 00-0760		Flat Steel Bar *(05 12 23 00-0422)*		
05 12 23 00-0761		1/8" Thick *(05 12 23 00-0760)*		
05 12 23 00-0762	LF	1/8" Thick x 1" Wide Flat Steel Bar	3.24	1.46
		For 316 Stainless Steel, Add	*3.33*	
		For Galvanized Steel, Add	*0.64*	
		For Aluminum, Add	*0.19*	
		For 304 Stainless Steel, Add	*2.96*	
05 12 23 00-0763	LF	1/8" Thick x 2" Wide Flat Steel Bar	5.03	2.20
		For 316 Stainless Steel, Add	*5.54*	
		For Galvanized Steel, Add	*1.07*	
		For Aluminum, Add	*0.31*	
		For 304 Stainless Steel, Add	*4.93*	
05 12 23 00-0764	LF	1/8" Thick x 4" Wide Flat Steel Bar	7.79	3.09
		For 316 Stainless Steel, Add	*10.05*	
		For Galvanized Steel, Add	*1.95*	
		For Aluminum, Add	*0.57*	
		For 304 Stainless Steel, Add	*8.95*	
05 12 23 00-0765	LF	1/8" Thick x 6" Wide Flat Steel Bar	10.56	4.20
		For 316 Stainless Steel, Add	*13.60*	
		For Galvanized Steel, Add	*2.64*	
		For Aluminum, Add	*0.77*	
		For 304 Stainless Steel, Add	*12.11*	
05 12 23 00-0766		3/16" Thick *(05 12 23 00-0760)*		
05 12 23 00-0767	LF	3/16" Thick x 1" Wide Flat Steel Bar	4.31	1.82
		For 316 Stainless Steel, Add	*5.06*	
		For Galvanized Steel, Add	*0.98*	
		For Aluminum, Add	*0.28*	
		For 304 Stainless Steel, Add	*4.50*	
05 12 23 00-0768	LF	3/16" Thick x 2" Wide Flat Steel Bar	6.83	2.73
		For 316 Stainless Steel, Add	*8.74*	
		For Galvanized Steel, Add	*1.69*	
		For Aluminum, Add	*0.49*	
		For 304 Stainless Steel, Add	*7.78*	
05 12 23 00-0769	LF	3/16" Thick x 4" Wide Flat Steel Bar	9.32	3.13
		For 316 Stainless Steel, Add	*14.75*	
		For Galvanized Steel, Add	*2.86*	
		For Aluminum, Add	*0.83*	
		For 304 Stainless Steel, Add	*13.14*	
05 12 23 00-0770	LF	3/16" Thick x 6" Wide Flat Steel Bar	12.89	4.35
		For 316 Stainless Steel, Add	*20.38*	
		For Galvanized Steel, Add	*3.95*	
		For Aluminum, Add	*1.15*	
		For 304 Stainless Steel, Add	*18.15*	
05 12 23 00-0771		1/4" Thick *(05 12 23 00-0760)*		
05 12 23 00-0772	LF	1/4" Thick x 1" Wide Flat Steel Bar	4.44	1.92
		For 316 Stainless Steel, Add	*4.99*	
		For Galvanized Steel, Add	*0.97*	
		For Aluminum, Add	*0.28*	
		For 304 Stainless Steel, Add	*4.45*	
05 12 23 00-0773	LF	1/4" Thick x 2" Wide Flat Steel Bar	7.48	2.88
		For 316 Stainless Steel, Add	*10.11*	
		For Galvanized Steel, Add	*1.96*	
		For Aluminum, Add	*0.57*	
		For 304 Stainless Steel, Add	*9.01*	
05 12 23 00-0774	LF	1/4" Thick x 4" Wide Flat Steel Bar	11.07	3.30
		For 316 Stainless Steel, Add	*19.58*	
		For Galvanized Steel, Add	*3.79*	
		For Aluminum, Add	*1.10*	
		For 304 Stainless Steel, Add	*17.44*	
05 12 23 00-0775	LF	1/4" Thick x 6" Wide Flat Steel Bar	15.99	4.87
		For 316 Stainless Steel, Add	*27.74*	
		For Galvanized Steel, Add	*5.38*	
		For Aluminum, Add	*1.56*	
		For 304 Stainless Steel, Add	*24.71*	
05 12 23 00-0776		3/8" Thick *(05 12 23 00-0760)*		

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05 12 23 00-0777	LF	3/8" Thick x 1" Wide Flat Steel Bar	5.70	2.17
		For 316 Stainless Steel, Add	*7.84*	
		For Galvanized Steel, Add	*1.52*	
		For Aluminum, Add	*0.44*	
		For 304 Stainless Steel, Add	*6.98*	
05 12 23 00-0778	LF	3/8" Thick x 2" Wide Flat Steel Bar	9.40	3.24
		For 316 Stainless Steel, Add	*14.50*	
		For Galvanized Steel, Add	*2.81*	
		For Aluminum, Add	*0.82*	
		For 304 Stainless Steel, Add	*12.91*	
05 12 23 00-0779	LF	3/8" Thick x 4" Wide Flat Steel Bar	14.61	3.70
		For 316 Stainless Steel, Add	*28.96*	
		For Galvanized Steel, Add	*5.61*	
		For Aluminum, Add	*1.63*	
		For 304 Stainless Steel, Add	*25.79*	
05 12 23 00-0780	LF	3/8" Thick x 6" Wide Flat Steel Bar	20.97	5.48
		For 316 Stainless Steel, Add	*40.77*	
		For Galvanized Steel, Add	*7.90*	
		For Aluminum, Add	*2.29*	
		For 304 Stainless Steel, Add	*36.31*	
05 12 23 00-0781		1/2" Thick *(05 12 23 00-0760)*		
05 12 23 00-0782	LF	1/2" Thick x 1" Wide Flat Steel Bar	6.72	2.38
		For 316 Stainless Steel, Add	*10.05*	
		For Galvanized Steel, Add	*1.95*	
		For Aluminum, Add	*0.57*	
		For 304 Stainless Steel, Add	*8.95*	
05 12 23 00-0783	LF	1/2" Thick x 2" Wide Flat Steel Bar	11.14	3.58
		For 316 Stainless Steel, Add	*18.50*	
		For Galvanized Steel, Add	*3.58*	
		For Aluminum, Add	*1.04*	
		For 304 Stainless Steel, Add	*16.47*	
05 12 23 00-0784	LF	1/2" Thick x 4" Wide Flat Steel Bar	15.96	4.07
		For 316 Stainless Steel, Add	*31.49*	
		For Galvanized Steel, Add	*6.10*	
		For Aluminum, Add	*1.77*	
		For 304 Stainless Steel, Add	*28.04*	
05 12 23 00-0785	LF	1/2" Thick x 6" Wide Flat Steel Bar	28.68	6.04
		For 316 Stainless Steel, Add	*62.82*	
		For Galvanized Steel, Add	*12.17*	
		For Aluminum, Add	*3.53*	
		For 304 Stainless Steel, Add	*55.95*	
05 12 23 00-0786		Flat Steel Plate *(05 12 23 00-0422)*		
05 12 23 00-0787	SF	1/8" Thick Flat Steel Plate	16.87	6.31
		For 316 Stainless Steel, Add	*23.71*	
		For Galvanized Steel, Add	*4.59*	
		For Aluminum, Add	*1.33*	
		For 304 Stainless Steel, Add	*21.12*	
05 12 23 00-0788	SF	3/16" Thick Flat Steel Plate	19.07	6.52
		For 316 Stainless Steel, Add	*29.66*	
		For Galvanized Steel, Add	*5.75*	
		For Aluminum, Add	*1.67*	
		For 304 Stainless Steel, Add	*26.42*	
05 12 23 00-0789	SF	1/4" Thick Flat Steel Plate	22.79	7.31
		For 316 Stainless Steel, Add	*37.82*	
		For Galvanized Steel, Add	*7.33*	
		For Aluminum, Add	*2.13*	
		For 304 Stainless Steel, Add	*33.69*	
05 12 23 00-0790	SF	3/8" Thick Flat Steel Plate	30.89	8.22
		For 316 Stainless Steel, Add	*59.36*	
		For Galvanized Steel, Add	*11.50*	
		For Aluminum, Add	*3.34*	
		For 304 Stainless Steel, Add	*52.87*	
05 12 23 00-0791	SF	1/2" Thick Flat Steel Plate	36.69	9.04
		For 316 Stainless Steel, Add	*73.95*	
		For Galvanized Steel, Add	*14.33*	
		For Aluminum, Add	*4.16*	
		For 304 Stainless Steel, Add	*65.86*	
05 12 23 00-0792	SF	3/4" Thick Flat Steel Plate	60.31	11.21
		For 316 Stainless Steel, Add	*138.66*	
		For Galvanized Steel, Add	*26.86*	
		For Aluminum, Add	*7.80*	
		For 304 Stainless Steel, Add	*123.49*	
05 12 23 00-0793	SF	1" Thick Flat Steel Plate	80.55	14.01
		For 316 Stainless Steel, Add	*189.86*	
		For Galvanized Steel, Add	*36.78*	
		For Aluminum, Add	*10.68*	
		For 304 Stainless Steel, Add	*169.09*	

05 13 Structural Stainless-Steel Framing *(05 10)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 13 00 00-0001		Stainless Steel Tube *(05 13)*		
05 13 00 00-0002	LF	1" x 1" Stainless Steel Tube	35.11	
05 13 00 00-0003	LF	1-1/2" x 1-1/2" Stainless Steel Tube	45.59	
05 13 00 00-0004	LF	2" x 2" Stainless Steel Tube	62.29	

05 14 Structural Aluminum Framing *(05 10)*

05 14 13 Architecturally-Exposed Structural Aluminum Framing *(05 14)*

05 14 13 00-0001		Rolled Or Plate Shapes *(05 14 13)*		
		Note: 1" through 10" member.		
05 14 13 00-0002	LB	Structural Aluminum, Up To 2,000 LB / Order 1" To 10" Rolled / Plate Structural Members	8.88	0.86
05 14 13 00-0003	LB	Structural Aluminum, >2,000 - 9,999 LB / Order 1" To 10" Rolled / Plate Structural Members	7.83	0.80
05 14 13 00-0004		Aluminum Extrusions *(05 14 13)*		
05 14 13 00-0005	LB	Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members	14.49	3.54
05 14 13 00-0006	LB	Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members	15.35	3.54
05 14 13 00-0007		Aluminum Tubing *(05 14 13)*		
05 14 13 00-0008	LB	Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members	12.94	2.15
05 14 13 00-0009	LF	1" x 1" Aluminum Tubing, 1/8" Wall Thickness	11.53	3.49
05 14 13 00-0010	LF	1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness	13.95	3.80
05 14 13 00-0011	LF	1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness	16.02	4.43
05 14 13 00-0012	LF	2" x 2" Aluminum Tubing, 1/8" Wall Thickness	19.08	4.76
05 14 13 00-0013	LF	4" x 4" Aluminum Tubing, 1/4" Wall Thickness	56.08	6.03
05 14 13 00-0014	LF	2" x 5" Aluminum Tubing, 1/4" Wall Thickness	45.90	5.39
05 14 13 00-0015		Columns *(05 14 13)*		
		Note: Baked on paint finish, load bearing.		
05 14 13 00-0016		Round Columns *(05 14 13 00-0015)*		
05 14 13 00-0017	LF	6" Diameter Aluminum Column	51.52	6.81
05 14 13 00-0018	LF	8" Diameter Aluminum Column	68.51	9.75
05 14 13 00-0019	LF	10" Diameter Aluminum Column	83.77	10.98
05 14 13 00-0020	LF	12" Diameter Aluminum Column	126.67	11.49
05 14 13 00-0021	LF	15" Diameter Aluminum Column	161.91	13.32
05 14 13 00-0022	EA	6" Diameter Aluminum Base And Cap	100.32	12.70
05 14 13 00-0023	EA	8" Diameter Aluminum Base And Cap	114.98	13.72
05 14 13 00-0024	EA	10" Diameter Aluminum Base And Cap	145.56	15.24
05 14 13 00-0025	EA	12" Diameter Aluminum Base And Cap	253.64	16.26
05 14 13 00-0026	EA	15" Diameter Aluminum Base And Cap	389.81	17.79
05 14 13 00-0027		Octagonal Columns *(05 14 13 00-0015)*		
05 14 13 00-0028	LF	6" Diameter Aluminum Column	57.63	6.81
05 14 13 00-0029	LF	8" Diameter Aluminum Column	78.30	9.75
05 14 13 00-0030	LF	10" Diameter Aluminum Column	96.14	10.98
05 14 13 00-0031	LF	12" Diameter Aluminum Column	147.43	11.49
05 14 13 00-0032	LF	15" Diameter Aluminum Column	188.98	13.32
05 14 13 00-0033	EA	6" Diameter Aluminum Base And Cap	115.30	12.70
05 14 13 00-0034	EA	8" Diameter Aluminum Base And Cap	132.49	13.72
05 14 13 00-0035	EA	10" Diameter Aluminum Base And Cap	168.57	15.24
05 14 13 00-0036	EA	12" Diameter Aluminum Base And Cap	297.87	16.26
05 14 13 00-0037	EA	15" Diameter Aluminum Base And Cap	460.66	17.79
05 14 13 00-0038		Fluted Columns *(05 14 13 00-0015)*		
05 14 13 00-0039	LF	6" Diameter Aluminum Column	64.25	6.81
05 14 13 00-0040	LF	8" Diameter Aluminum Column	87.12	9.75
05 14 13 00-0041	LF	10" Diameter Aluminum Column	107.26	10.98
05 14 13 00-0042	LF	12" Diameter Aluminum Column	166.11	11.49
05 14 13 00-0043	LF	15" Diameter Aluminum Column	213.35	13.32
05 14 13 00-0044	EA	6" Diameter Aluminum Base And Cap	128.78	12.70
05 14 13 00-0045	EA	8" Diameter Aluminum Base And Cap	148.25	13.72
05 14 13 00-0046	EA	10" Diameter Aluminum Base And Cap	189.29	15.24
05 14 13 00-0047	EA	12" Diameter Aluminum Base And Cap	337.67	16.26
05 14 13 00-0048	EA	15" Diameter Aluminum Base And Cap	524.42	17.79
05 14 13 00-0049		Square Columns *(05 14 13 00-0015)*		
05 14 13 00-0050	LF	6" Aluminum Column	68.78	6.81
05 14 13 00-0051	LF	8" Aluminum Column	93.14	9.75
05 14 13 00-0052	LF	10" Aluminum Column	114.87	10.98
05 14 13 00-0053	LF	12" Aluminum Column	178.88	11.49
05 14 13 00-0054	LF	15" Aluminum Column	230.01	13.32
05 14 13 00-0055	EA	6" Aluminum Base And Cap	138.00	12.70

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 14 13 00-0056	EA	8" Aluminum Base And Cap	159.03	13.72
05 14 13 00-0057	EA	10" Aluminum Base And Cap	203.45	15.24
05 14 13 00-0058	EA	12" Aluminum Base And Cap	364.88	16.26
05 14 13 00-0059	EA	15" Aluminum Base And Cap	568.02	17.79
05 14 13 00-0060		Ornamental Or Decorative Cap And Bases *(05 14 13 00-0015)*		
05 14 13 00-0061	EA	8" Corinthian Capital And Base	793.10	15.24
05 14 13 00-0062	EA	10" Corinthian Capital And Base	1,168.09	17.79
05 14 13 00-0063	EA	12" Corinthian Capital And Base	1,849.42	20.33
05 14 13 00-0064	EA	8" Scamozzi Capital And Base	392.24	15.24
05 14 13 00-0065	EA	10" Scamozzi Capital And Base	526.06	17.79
05 14 13 00-0066	EA	12" Scamozzi Capital And Base	1,061.39	20.33

05 15 Wire Rope Assemblies *(05 10)*

05 15 16 Steel Wire Rope Assemblies *(05 15)*

05 15 16 00-0001		6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*		
05 15 16 00-0002	LF	1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.55	0.10
		For >500, Deduct	*-0.27*	
05 15 16 00-0003	LF	5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.08	0.10
		For >500, Deduct	*-0.36*	
05 15 16 00-0004	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.47	0.21
		For >500, Deduct	*-0.41*	
05 15 16 00-0005	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.98	0.21
		For >500, Deduct	*-0.49*	
05 15 16 00-0006	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.43	0.31
		For >500, Deduct	*-0.54*	
05 15 16 00-0007	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.21	0.42
		For >500, Deduct	*-0.66*	
05 15 16 00-0008	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.03	0.42
		For >500, Deduct	*-0.78*	
05 15 16 00-0009	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	6.97	0.74
		For >500, Deduct	*-1.06*	
05 15 16 00-0010	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	9.36	0.84
		For >500, Deduct	*-1.43*	
05 15 16 00-0011	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	11.65	1.15
		For >500, Deduct	*-1.74*	
05 15 16 00-0012	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	14.41	1.46
		For >500, Deduct	*-2.15*	
05 15 16 00-0013	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	17.57	1.77
		For >500, Deduct	*-2.62*	
05 15 16 00-0014		6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*		
05 15 16 00-0015	LF	1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.82	0.10
		For >500, Deduct	*-0.33*	
05 15 16 00-0016	LF	5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.35	0.10
		For >500, Deduct	*-0.41*	
05 15 16 00-0017	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.92	0.21
		For >500, Deduct	*-0.50*	
05 15 16 00-0018	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.32	0.21
		For >500, Deduct	*-0.55*	
05 15 16 00-0019	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.94	0.31
		For >500, Deduct	*-0.64*	
05 15 16 00-0020	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.54	0.42
		For >500, Deduct	*-0.72*	
05 15 16 00-0021	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.30	0.42
		For >500, Deduct	*-0.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0022	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.78	0.74
		For >500, Deduct	*-1.23*	
05 15 16 00-0023	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	9.97	0.84
		For >500, Deduct	*-1.55*	
05 15 16 00-0024	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	12.26	1.15
		For >500, Deduct	*-1.87*	
05 15 16 00-0025	LF	1-1/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	15.69	1.46
		For >500, Deduct	*-2.39*	
05 15 16 00-0026	LF	1-1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	19.10	1.77
		For >500, Deduct	*-2.92*	

05 15 16 00-0027 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0028	LF	1/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	1.44	0.10
		For >500, Deduct	*-0.25*	
05 15 16 00-0029	LF	5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	1.95	0.10
		For >500, Deduct	*-0.33*	
05 15 16 00-0030	LF	3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.32	0.21
		For >500, Deduct	*-0.38*	
05 15 16 00-0031	LF	7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.72	0.21
		For >500, Deduct	*-0.43*	
05 15 16 00-0032	LF	1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	3.27	0.31
		For >500, Deduct	*-0.51*	
05 15 16 00-0033	LF	9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	4.14	0.42
		For >500, Deduct	*-0.64*	
05 15 16 00-0034	LF	5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	4.83	0.42
		For >500, Deduct	*-0.74*	
05 15 16 00-0035	LF	3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	6.78	0.74
		For >500, Deduct	*-1.03*	
05 15 16 00-0036	LF	7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	8.29	0.84
		For >500, Deduct	*-1.21*	
05 15 16 00-0037	LF	1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	10.52	1.15
		For >500, Deduct	*-1.51*	

05 15 16 00-0038 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0039	LF	1/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.42	0.10
		For >500, Deduct	*-0.25*	
05 15 16 00-0040	LF	5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.88	0.10
		For >500, Deduct	*-0.32*	
05 15 16 00-0041	LF	3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.32	0.21
		For >500, Deduct	*-0.38*	
05 15 16 00-0042	LF	7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.72	0.21
		For >500, Deduct	*-0.43*	
05 15 16 00-0043	LF	1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.42	0.31
		For >500, Deduct	*-0.54*	
05 15 16 00-0044	LF	9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.07	0.42
		For >500, Deduct	*-0.63*	
05 15 16 00-0045	LF	5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.10	0.42
		For >500, Deduct	*-0.79*	
05 15 16 00-0046	LF	3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.11	0.74
		For >500, Deduct	*-1.09*	
05 15 16 00-0047	LF	7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	9.29	0.84
		For >500, Deduct	*-1.41*	
05 15 16 00-0048	LF	1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	11.46	1.15
		For >500, Deduct	*-1.71*	

05 15 16 00-0049 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope *(05 15 16)*

05 15 16 00-0050	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.63	0.21
		For >500, Deduct	*-0.45*	
05 15 16 00-0051	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.09	0.21
		For >500, Deduct	*-0.51*	
05 15 16 00-0052	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.60	0.31
		For >500, Deduct	*-0.58*	
05 15 16 00-0053	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	4.85	0.42
		For >500, Deduct	*-0.79*	
05 15 16 00-0054	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.34	0.42
		For >500, Deduct	*-0.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0055	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	7.28	0.74
		For >500, Deduct	*-1.13*	
05 15 16 00-0056	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	9.33	0.84
		For >500, Deduct	*-1.42*	
05 15 16 00-0057	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	12.29	1.15
		For >500, Deduct	*-1.87*	
05 15 16 00-0058	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	14.89	1.46
		For >500, Deduct	*-2.24*	
05 15 16 00-0059	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	17.97	1.77
		For >500, Deduct	*-2.70*	

05 15 16 00-0060 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope *(05 15 16)*

05 15 16 00-0061	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.70	0.21
		For >500, Deduct	*-0.46*	
05 15 16 00-0062	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.27	0.21
		For >500, Deduct	*-0.54*	
05 15 16 00-0063	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.85	0.31
		For >500, Deduct	*-0.63*	
05 15 16 00-0064	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.40	0.42
		For >500, Deduct	*-0.90*	
05 15 16 00-0065	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.43	0.42
		For >500, Deduct	*-0.86*	
05 15 16 00-0066	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	7.46	0.74
		For >500, Deduct	*-1.16*	
05 15 16 00-0067	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	9.87	0.84
		For >500, Deduct	*-1.53*	
05 15 16 00-0068	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	12.47	1.15
		For >500, Deduct	*-1.90*	

05 15 16 00-0069 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope *(05 15 16)*

05 15 16 00-0070	LF	1/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	2.81	0.10
		For >500, Deduct	*-0.52*	
05 15 16 00-0071	LF	5/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.03	0.10
		For >500, Deduct	*-0.55*	
05 15 16 00-0072	LF	3/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.56	0.21
		For >500, Deduct	*-0.63*	
05 15 16 00-0073	LF	7/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	4.78	0.21
		For >500, Deduct	*-0.85*	
05 15 16 00-0074	LF	1/2" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	5.45	0.21
		For >500, Deduct	*-0.98*	
05 15 16 00-0075	LF	9/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	6.28	0.42
		For >500, Deduct	*-1.07*	
05 15 16 00-0076	LF	5/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	7.46	0.42
		For >500, Deduct	*-1.27*	
05 15 16 00-0077	LF	3/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	10.27	0.62
		For >500, Deduct	*-1.73*	

05 15 16 00-0078 7x7, Galvanized Finish, Aircraft Cable *(05 15 16)*

05 15 16 00-0079	LF	1/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.31	0.07
		For >500, Deduct	*-0.04*	
05 15 16 00-0080	LF	3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.35	0.08
		For >500, Deduct	*-0.04*	
05 15 16 00-0081	LF	1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.40	0.09
		For >500, Deduct	*-0.05*	
05 15 16 00-0082	LF	5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.47	0.10
		For >500, Deduct	*-0.06*	
05 15 16 00-0083	LF	3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.57	0.10
		For >500, Deduct	*-0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0084		**7x19, Galvanized Finish, Aircraft Cable** *(05 15 16)*		
05 15 16 00-0085	LF	1/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.56	0.09
		For >500, Deduct	*-0.08*	
05 15 16 00-0086	LF	5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.61	0.10
		For >500, Deduct	*-0.09*	
05 15 16 00-0087	LF	3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.70	0.10
		For >500, Deduct	*-0.10*	
05 15 16 00-0088	LF	1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.82	0.10
		For >500, Deduct	*-0.13*	
05 15 16 00-0089	LF	5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.24	0.10
		For >500, Deduct	*-0.19*	
05 15 16 00-0090	LF	3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.67	0.10
		For >500, Deduct	*-0.25*	
05 15 16 00-0091		**Heavy Duty, Galvanized Steel, Wire Rope Thimbles** *(05 15 16)*		
05 15 16 00-0092	EA	1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	13.03	3.13
05 15 16 00-0093	EA	5/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	14.62	3.13
05 15 16 00-0094	EA	3/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	16.39	3.13
05 15 16 00-0095	EA	7/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	21.24	3.13
05 15 16 00-0096	EA	1/2" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	21.26	3.13
05 15 16 00-0097	EA	9/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	21.26	3.13
05 15 16 00-0098	EA	5/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	22.91	3.13
05 15 16 00-0099	EA	3/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	41.52	4.81
05 15 16 00-0100	EA	7/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	49.08	5.85
05 15 16 00-0101	EA	1" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	87.04	9.61
05 15 16 00-0102	EA	1-1/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	124.66	13.07
05 15 16 00-0103	EA	1-1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	124.66	13.07
05 15 16 00-0104		**Galvanized Steel, Wire Rope Clips** *(05 15 16)*		
05 15 16 00-0105	EA	1/8" Diameter, Galvanized Steel, Wire Rope Clip	15.31	3.13
05 15 16 00-0106	EA	3/16" Diameter, Galvanized Steel, Wire Rope Clip	15.61	3.13
05 15 16 00-0107	EA	1/4" Diameter, Galvanized Steel, Wire Rope Clip	17.66	3.13
05 15 16 00-0108	EA	5/16" Diameter, Galvanized Steel, Wire Rope Clip	17.98	3.13
05 15 16 00-0109	EA	3/8" Diameter, Galvanized Steel, Wire Rope Clip	18.44	3.13
05 15 16 00-0110	EA	7/16" Diameter, Galvanized Steel, Wire Rope Clip	22.86	3.13
05 15 16 00-0111	EA	1/2" Diameter, Galvanized Steel, Wire Rope Clip	23.20	3.13
05 15 16 00-0112	EA	9/16" Diameter, Galvanized Steel, Wire Rope Clip	26.43	3.13
05 15 16 00-0113	EA	5/8" Diameter, Galvanized Steel, Wire Rope Clip	26.89	3.13
05 15 16 00-0114	EA	3/4" Diameter, Galvanized Steel, Wire Rope Clip	37.00	4.18
05 15 16 00-0115	EA	7/8" Diameter, Galvanized Steel, Wire Rope Clip	55.52	6.27
05 15 16 00-0116	EA	1" Diameter, Galvanized Steel, Wire Rope Clip	60.83	6.27
05 15 16 00-0117	EA	1-1/8" Diameter, Galvanized Steel, Wire Rope Clip	71.76	8.36
05 15 16 00-0118	EA	1-1/4" Diameter, Galvanized Steel, Wire Rope Clip	104.27	12.55
05 15 16 00-0119		**Steel, Open Swage Sockets** *(05 15 16)*		
05 15 16 00-0120	EA	1/4" Diameter, Steel, Open Swage Socket	80.63	3.13
05 15 16 00-0121	EA	5/16" Diameter, Steel, Open Swage Socket	128.24	3.13
05 15 16 00-0122	EA	3/8" Diameter, Steel, Open Swage Socket	132.37	4.18
05 15 16 00-0123	EA	7/16" Diameter, Steel, Open Swage Socket	157.63	5.23
05 15 16 00-0124	EA	1/2" Diameter, Steel, Open Swage Socket	157.63	5.23
05 15 16 00-0125	EA	9/16" Diameter, Steel, Open Swage Socket	231.83	11.50
05 15 16 00-0126	EA	5/8" Diameter, Steel, Open Swage Socket	231.83	11.50
05 15 16 00-0127	EA	3/4" Diameter, Steel, Open Swage Socket	298.30	21.96
05 15 16 00-0128	EA	7/8" Diameter, Steel, Open Swage Socket	401.99	31.36
05 15 16 00-0129	EA	1" Diameter, Steel, Open Swage Socket	567.22	48.09
05 15 16 00-0130	EA	1-1/8" Diameter, Steel, Open Swage Socket	748.76	75.27
05 15 16 00-0131	EA	1-1/4" Diameter, Steel, Open Swage Socket	871.83	86.78
05 15 16 00-0132		**Steel, Closed Swage Sockets** *(05 15 16)*		
05 15 16 00-0133	EA	1/4" Diameter, Steel, Closed Swage Socket	65.02	3.13
05 15 16 00-0134	EA	5/16" Diameter, Steel, Closed Swage Socket	87.73	3.13
05 15 16 00-0135	EA	3/8" Diameter, Steel, Closed Swage Socket	87.73	3.13
05 15 16 00-0136	EA	7/16" Diameter, Steel, Closed Swage Socket	109.52	4.18
05 15 16 00-0137	EA	1/2" Diameter, Steel, Closed Swage Socket	110.67	4.18
05 15 16 00-0138	EA	9/16" Diameter, Steel, Closed Swage Socket	152.45	7.32
05 15 16 00-0139	EA	5/8" Diameter, Steel, Closed Swage Socket	157.43	8.36
05 15 16 00-0140	EA	3/4" Diameter, Steel, Closed Swage Socket	195.41	13.59
05 15 16 00-0141	EA	7/8" Diameter, Steel, Closed Swage Socket	253.39	19.86
05 15 16 00-0142	EA	1" Diameter, Steel, Closed Swage Socket	362.36	27.18
05 15 16 00-0143	EA	1-1/8" Diameter, Steel, Closed Swage Socket	450.11	37.64
05 15 16 00-0144	EA	1-1/4" Diameter, Steel, Closed Swage Socket	612.52	58.55
05 15 16 00-0145		**Galvanized Steel, Open Spelter Sockets** *(05 15 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0146	EA	1/4" Galvanized Steel, Open Spelter Socket	134.47	3.13
05 15 16 00-0147	EA	5/16" Galvanized Steel, Open Spelter Socket	138.18	3.13
05 15 16 00-0148	EA	3/8" Galvanized Steel, Open Spelter Socket	138.18	3.13
05 15 16 00-0149	EA	7/16" Galvanized Steel, Open Spelter Socket	155.06	6.27
05 15 16 00-0150	EA	1/2" Galvanized Steel, Open Spelter Socket	155.06	6.27
05 15 16 00-0151	EA	9/16" Galvanized Steel, Open Spelter Socket	204.11	10.45
05 15 16 00-0152	EA	5/8" Galvanized Steel, Open Spelter Socket	204.11	10.45
05 15 16 00-0153	EA	3/4" Galvanized Steel, Open Spelter Socket	259.25	15.68
05 15 16 00-0154	EA	7/8" Galvanized Steel, Open Spelter Socket	388.60	26.14
05 15 16 00-0155	EA	1" Galvanized Steel, Open Spelter Socket	704.54	40.77
05 15 16 00-0156	EA	1-1/8" Galvanized Steel, Open Spelter Socket	833.59	65.87
05 15 16 00-0157	EA	1-1/4" Galvanized Steel, Open Spelter Socket	1,126.38	86.78

05 15 16 00-0158 Galvanized Steel, Closed Spelter Sockets *(05 15 16)*

05 15 16 00-0159	EA	1/4" Galvanized Steel, Closed Spelter Socket	112.87	3.13
05 15 16 00-0160	EA	5/16" Galvanized Steel, Closed Spelter Socket	113.34	3.13
05 15 16 00-0161	EA	3/8" Galvanized Steel, Closed Spelter Socket	113.34	3.13
05 15 16 00-0162	EA	7/16" Galvanized Steel, Closed Spelter Socket	127.54	5.23
05 15 16 00-0163	EA	1/2" Galvanized Steel, Closed Spelter Socket	127.54	5.23
05 15 16 00-0164	EA	9/16" Galvanized Steel, Closed Spelter Socket	179.19	9.41
05 15 16 00-0165	EA	5/8" Galvanized Steel, Closed Spelter Socket	179.19	9.41
05 15 16 00-0166	EA	3/4" Galvanized Steel, Closed Spelter Socket	220.57	13.59
05 15 16 00-0167	EA	7/8" Galvanized Steel, Closed Spelter Socket	322.30	20.91
05 15 16 00-0168	EA	1" Galvanized Steel, Closed Spelter Socket	487.05	32.41
05 15 16 00-0169	EA	1-1/8" Galvanized Steel, Closed Spelter Socket	637.83	43.91
05 15 16 00-0170	EA	1-1/4" Galvanized Steel, Closed Spelter Socket	804.55	58.55

05 15 16 00-0171 Forged Steel, Jaw And Jaw Turnbuckles *(05 15 16)*

05 15 16 00-0172	EA	1/4" x 4", Forged Steel, Jaw And Jaw Turnbuckle	77.85	3.13
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-10.11*	
05 15 16 00-0173	EA	5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle	83.46	3.13
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-10.95*	
05 15 16 00-0174	EA	3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	93.85	3.13
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-12.51*	
05 15 16 00-0175	EA	1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle	104.34	4.18
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-13.01*	
05 15 16 00-0176	EA	1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle	137.24	5.23
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-17.32*	
05 15 16 00-0177	EA	1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	155.93	6.27
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-19.61*	
05 15 16 00-0178	EA	5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	159.04	8.36
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-19.03*	
05 15 16 00-0179	EA	5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle	196.54	8.36
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-24.25*	
05 15 16 00-0180	EA	5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	223.05	9.41
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-27.86*	
05 15 16 00-0181	EA	3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle	214.51	11.50
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-25.50*	
05 15 16 00-0182	EA	3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle	244.40	13.59
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-28.41*	
05 15 16 00-0183	EA	3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	301.46	14.63
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-36.26*	
05 15 16 00-0184	EA	3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	362.68	17.78
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-43.59*	
05 15 16 00-0185	EA	7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	413.57	25.09
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-47.10*	
05 15 16 00-0186	EA	7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle	501.43	29.28
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-57.79*	
05 15 16 00-0187	EA	1" x 6", Forged Steel, Jaw And Jaw Turnbuckle	429.46	25.09
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-49.48*	
05 15 16 00-0188	EA	1" x 12", Forged Steel, Jaw And Jaw Turnbuckle	492.13	32.41
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-54.22*	
05 15 16 00-0189	EA	1" x 18", Forged Steel, Jaw And Jaw Turnbuckle	674.00	40.77
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-76.97*	
05 15 16 00-0190	EA	1" x 24", Forged Steel, Jaw And Jaw Turnbuckle	754.14	48.09
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-84.61*	
05 15 16 00-0191	EA	1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	841.21	58.55
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-91.33*	
05 15 16 00-0192	EA	1-1/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,014.83	65.87
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-113.02*	
05 15 16 00-0193	EA	1-1/4" x 24", Forged Steel, Jaw And Jaw Turnbuckle	1,312.82	75.27
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-152.12*	
05 15 16 00-0194	EA	1-1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	1,299.13	80.50
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-146.62*	
05 15 16 00-0195	EA	1-1/2" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,432.30	104.54
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-152.12*	
05 15 16 00-0196	EA	1-1/2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	2,569.29	135.91
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-306.98*	
05 15 16 00-0197	EA	2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	4,222.20	261.37
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-476.51*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0198		Galvanized Steel, Drop Forged, Shoulder Eye Bolts *(05 15 16)*		
05 15 16 00-0199	EA	1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	15.93	
05 15 16 00-0200	EA	5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	16.01	
05 15 16 00-0201	EA	3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	18.12	
05 15 16 00-0202	EA	7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	21.68	
05 15 16 00-0203	EA	1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	21.58	
05 15 16 00-0204	EA	5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	29.67	
05 15 16 00-0205	EA	3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	35.80	
05 15 16 00-0206	EA	7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	48.57	
05 15 16 00-0207	EA	1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	65.46	
05 15 16 00-0208	EA	1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	95.58	
05 15 16 00-0209	EA	1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	113.79	
05 15 16 00-0210	EA	1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	207.65	
05 15 16 00-0211	EA	1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	238.24	
05 15 16 00-0212	EA	2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	294.85	
05 15 16 00-0213		Galvanized Steel, Drop Forged, Eye Bolts *(05 15 16)*		
05 15 16 00-0214	EA	1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	21.13	
05 15 16 00-0215	EA	1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	18.99	
05 15 16 00-0216	EA	5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	26.01	
05 15 16 00-0217	EA	5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	17.23	
05 15 16 00-0218	EA	3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	23.51	
05 15 16 00-0219	EA	3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	35.77	
05 15 16 00-0220	EA	3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	34.65	
05 15 16 00-0221	EA	3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	32.89	
05 15 16 00-0222	EA	3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	29.41	
05 15 16 00-0223	EA	3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	30.37	
05 15 16 00-0224	EA	1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	26.73	
05 15 16 00-0225	EA	1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	21.15	
05 15 16 00-0226	EA	1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	27.77	
05 15 16 00-0227	EA	1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	38.18	
05 15 16 00-0228	EA	1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	28.81	
05 15 16 00-0229	EA	1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	46.80	
05 15 16 00-0230	EA	1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	41.09	
05 15 16 00-0231	EA	1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	37.40	
05 15 16 00-0232	EA	1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	44.14	
05 15 16 00-0233	EA	5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	44.77	
05 15 16 00-0234	EA	5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	39.77	
05 15 16 00-0235	EA	5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	50.24	
05 15 16 00-0236	EA	5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	57.70	
05 15 16 00-0237	EA	5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	66.67	
05 15 16 00-0238	EA	5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	54.92	
05 15 16 00-0239	EA	3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	54.94	
05 15 16 00-0240	EA	3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	56.04	
05 15 16 00-0241	EA	3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	62.02	
05 15 16 00-0242	EA	3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	66.94	
05 15 16 00-0243	EA	3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	78.38	
05 15 16 00-0244	EA	1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	104.02	
05 15 19		**Stainless Steel Wire Rope Assemblies** *(05 15)*		
05 15 19 00-0001		7x7, 304 Stainless Steel, Aircraft Cable *(05 15 19)*		
05 15 19 00-0002	LF	1/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.26	0.07
		For >500, Deduct	*-0.03*	
05 15 19 00-0003	LF	3/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.33	0.08
		For >500, Deduct	*-0.04*	
05 15 19 00-0004	LF	1/8" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.43	0.09
		For >500, Deduct	*-0.06*	
05 15 19 00-0005	LF	5/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.56	0.10
		For >500, Deduct	*-0.08*	
05 15 19 00-0006	LF	3/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.70	0.10
		For >500, Deduct	*-0.10*	
05 15 19 00-0007		7x19, 304 Stainless Steel, Aircraft Cable *(05 15 19)*		
05 15 19 00-0008	LF	1/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.49	0.09
		For >500, Deduct	*-0.07*	
05 15 19 00-0009	LF	5/32" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.57	0.10
		For >500, Deduct	*-0.08*	
05 15 19 00-0010	LF	3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.66	0.10
		For >500, Deduct	*-0.09*	
05 15 19 00-0011	LF	1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.83	0.10
		For >500, Deduct	*-0.13*	
05 15 19 00-0012	LF	5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.26	0.10
		For >500, Deduct	*-0.20*	
05 15 19 00-0013	LF	3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.89	0.21
		For >500, Deduct	*-0.30*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 19 00-0014		7x7, 316 Stainless Steel, Aircraft Cable *(05 15 19)*		
05 15 19 00-0015	LF	1/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.26	0.07
		For >500, Deduct	*-0.03*	
05 15 19 00-0016	LF	3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.33	0.08
		For >500, Deduct	*-0.04*	
05 15 19 00-0017	LF	1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.43	0.09
		For >500, Deduct	*-0.06*	
05 15 19 00-0018	LF	5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.56	0.10
		For >500, Deduct	*-0.08*	
05 15 19 00-0019	LF	3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.70	0.10
		For >500, Deduct	*-0.10*	
05 15 19 00-0020		7x19, 316 Stainless Steel, Aircraft Cable *(05 15 19)*		
05 15 19 00-0021	LF	1/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.49	0.09
		For >500, Deduct	*-0.07*	
05 15 19 00-0022	LF	5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.57	0.10
		For >500, Deduct	*-0.08*	
05 15 19 00-0023	LF	3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.66	0.10
		For >500, Deduct	*-0.09*	
05 15 19 00-0024	LF	1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.83	0.10
		For >500, Deduct	*-0.13*	
05 15 19 00-0025	LF	5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.26	0.10
		For >500, Deduct	*-0.20*	
05 15 19 00-0026	LF	3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.89	0.10
		For >500, Deduct	*-0.30*	

05 20 Metal Joists *(05)*

Note: Includes all connecting bolts and welds.

05 21 Steel Joist Framing *(05 20)*

05 21 19 Open Web Steel Joist Framing *(05 21)*

05 21 19 00-0001		Open Web Joists *(05 21 19)*		
05 21 19 00-0002	TON	H, J Or K Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging	2,639.10	187.08
		For Welded Cross Bridging, Add	*233.85*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*223.15*	
05 21 19 00-0003	TON	H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging	2,419.66	175.39
		For Welded Cross Bridging, Add	*207.86*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*207.21*	
05 21 19 00-0004	TON	LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging	2,907.97	175.39
		For Welded Cross Bridging, Add	*215.86*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*262.61*	
05 21 19 00-0005	TON	DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging	3,297.03	175.39
		For Welded Cross Bridging, Add	*215.86*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*309.30*	
05 21 19 00-0006	TON	CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging	2,919.30	175.39
		For Welded Cross Bridging, Add	*233.85*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*256.78*	
05 21 19 00-0007	TON	SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging	3,637.45	175.39
		For Welded Cross Bridging, Add	*215.86*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*350.15*	

05 30 Metal Decking *(05)*

Note: Includes all connecting bolts and welds.

05 31 Steel Decking *(05 30)*

See CSI section 03 30 00 00-0000 for concrete where required.

05 31 13 Steel Floor Decking *(05 31)*

Note: Floor or roof decking

05 31 13 00-0001		Open Ribbed Galvanized Steel Deck *(05 31 13)*		
05 31 13 00-0002	SF	1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.57	0.47
		For Site Installed Insulation Between Ribs, Add	*0.94*	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Up To 100, Add	*0.89*	
		For >100 To 500, Add	*0.53*	
		For >500 To 1,500, Add	*0.15*	
05 31 13 00-0003	SF	1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	4.06	0.55
		For Site Installed Insulation Between Ribs, Add	*1.07*	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*1.03*	
		For >100 To 500, Add	*0.61*	
		For >500 To 1,500, Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0004	SF	1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	5.10	0.67
		For Site Installed Insulation Between Ribs, Add	*1.34*	
		For Painted, Deduct	*-0.21*	
		For Perforated Or Slotted, Add	*0.21*	
		For Up To 100, Add	*1.26*	
		For >100 To 500, Add	*0.76*	
		For >500 To 1,500, Add	*0.21*	
05 31 13 00-0005	SF	1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.91	0.53
		For Site Installed Insulation Between Ribs, Add	*1.03*	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Up To 100, Add	*0.99*	
		For >100 To 500, Add	*0.59*	
		For >500 To 1,500, Add	*0.17*	
05 31 13 00-0006	SF	1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	4.50	0.61
		For Site Installed Insulation Between Ribs, Add	*1.18*	
		For Painted, Deduct	*-0.19*	
		For Perforated Or Slotted, Add	*0.19*	
		For Up To 100, Add	*1.13*	
		For >100 To 500, Add	*0.68*	
		For >500 To 1,500, Add	*0.19*	
05 31 13 00-0007	SF	1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	5.67	0.74
		For Site Installed Insulation Between Ribs, Add	*1.49*	
		For Painted, Deduct	*-0.24*	
		For Perforated Or Slotted, Add	*0.24*	
		For Up To 100, Add	*1.41*	
		For >100 To 500, Add	*0.85*	
		For >500 To 1,500, Add	*0.24*	
05 31 13 00-0008	SF	2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	4.44	0.56
		For Site Installed Insulation Between Ribs, Add	*1.16*	
		For Painted, Deduct	*-0.19*	
		For Perforated Or Slotted, Add	*0.19*	
		For Up To 100, Add	*1.07*	
		For >100 To 500, Add	*0.65*	
		For >500 To 1,500, Add	*0.18*	
05 31 13 00-0009	SF	2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	5.16	0.65
		For Site Installed Insulation Between Ribs, Add	*1.35*	
		For Painted, Deduct	*-0.22*	
		For Perforated Or Slotted, Add	*0.22*	
		For Up To 100, Add	*1.24*	
		For >100 To 500, Add	*0.76*	
		For >500 To 1,500, Add	*0.20*	
05 31 13 00-0010	SF	2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	6.37	0.73
		For Site Installed Insulation Between Ribs, Add	*1.66*	
		For Painted, Deduct	*-0.27*	
		For Perforated Or Slotted, Add	*0.27*	
		For Up To 100, Add	*1.45*	
		For >100 To 500, Add	*0.91*	
		For >500 To 1,500, Add	*0.23*	
05 31 13 00-0011	SF	2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	8.05	0.78
		For Site Installed Insulation Between Ribs, Add	*2.09*	
		For Painted, Deduct	*-0.35*	
		For Perforated Or Slotted, Add	*0.35*	
		For Up To 100, Add	*1.70*	
		For >100 To 500, Add	*1.10*	
		For >500 To 1,500, Add	*0.25*	
05 31 13 00-0012	SF	3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	4.98	0.59
		For Site Installed Insulation Between Ribs, Add	*1.30*	
		For Painted, Deduct	*-0.21*	
		For Perforated Or Slotted, Add	*0.21*	
		For Up To 100, Add	*1.16*	
		For >100 To 500, Add	*0.72*	
		For >500 To 1,500, Add	*0.19*	
05 31 13 00-0013	SF	3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	5.81	0.67
		For Site Installed Insulation Between Ribs, Add	*1.52*	
		For Painted, Deduct	*-0.25*	
		For Perforated Or Slotted, Add	*0.25*	
		For Up To 100, Add	*1.33*	
		For >100 To 500, Add	*0.83*	
		For >500 To 1,500, Add	*0.21*	
05 31 13 00-0014	SF	3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	7.25	0.82
		For Site Installed Insulation Between Ribs, Add	*1.89*	
		For Painted, Deduct	*-0.31*	
		For Perforated Or Slotted, Add	*0.31*	
		For Up To 100, Add	*1.66*	
		For >100 To 500, Add	*1.04*	
		For >500 To 1,500, Add	*0.26*	
05 31 13 00-0015	SF	3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	9.13	1.01
		For Site Installed Insulation Between Ribs, Add	*2.38*	
		For Painted, Deduct	*-0.39*	
		For Perforated Or Slotted, Add	*0.39*	
		For Up To 100, Add	*2.04*	
		For >100 To 500, Add	*1.29*	
		For >500 To 1,500, Add	*0.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0016	SF	4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	13.41	
		For Site Installed Insulation Between Ribs, Add	*3.42*	
		For Painted, Deduct	*-0.63*	
		For Perforated Or Slotted, Add	*0.63*	
		For Up To 100, Add	*2.15*	
		For >100 To 500, Add	*1.61*	
		For >500 To 1,500, Add	*0.23*	
05 31 13 00-0017	SF	4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	16.95	0.82
		For Site Installed Insulation Between Ribs, Add	*4.31*	
		For Painted, Deduct	*-0.80*	
		For Perforated Or Slotted, Add	*0.80*	
		For Up To 100, Add	*2.63*	
		For >100 To 500, Add	*2.01*	
		For >500 To 1,500, Add	*0.26*	
05 31 13 00-0018	SF	6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	15.73	0.82
		For Site Installed Insulation Between Ribs, Add	*4.01*	
		For Painted, Deduct	*-0.73*	
		For Perforated Or Slotted, Add	*0.73*	
		For Up To 100, Add	*2.51*	
		For >100 To 500, Add	*1.89*	
		For >500 To 1,500, Add	*0.26*	
05 31 13 00-0019	SF	6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	16.44	1.01
		For Site Installed Insulation Between Ribs, Add	*4.20*	
		For Painted, Deduct	*-0.76*	
		For Perforated Or Slotted, Add	*0.76*	
		For Up To 100, Add	*2.77*	
		For >100 To 500, Add	*2.02*	
		For >500 To 1,500, Add	*0.31*	
05 31 13 00-0020	SF	6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	20.54	1.22
		For Site Installed Insulation Between Ribs, Add	*5.25*	
		For Painted, Deduct	*-0.95*	
		For Perforated Or Slotted, Add	*0.95*	
		For Up To 100, Add	*3.42*	
		For >100 To 500, Add	*2.51*	
		For >500 To 1,500, Add	*0.38*	
05 31 13 00-0021	SF	7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	18.17	1.10
		For Site Installed Insulation Between Ribs, Add	*4.65*	
		For Painted, Deduct	*-0.84*	
		For Perforated Or Slotted, Add	*0.84*	
		For Up To 100, Add	*3.05*	
		For >100 To 500, Add	*2.23*	
		For >500 To 1,500, Add	*0.34*	
05 31 13 00-0022	SF	7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	22.66	1.33
		For Site Installed Insulation Between Ribs, Add	*5.79*	
		For Painted, Deduct	*-1.05*	
		For Perforated Or Slotted, Add	*1.05*	
		For Up To 100, Add	*3.77*	
		For >100 To 500, Add	*2.77*	
		For >500 To 1,500, Add	*0.42*	

05 31 13 00-0023 Cellular Galvanized Steel Deck *(05 31 13)*

Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels.

05 31 13 00-0024	SF	1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	11.98	0.84
		For Site Installed Insulation Between Ribs, Add	*3.07*	
		For Painted, Deduct	*-0.55*	
		For Perforated Or Slotted, Add	*0.55*	
		For Insulated Cells, Add	*2.46*	
		For Up To 100, Add	*2.15*	
		For >100 To 500, Add	*1.52*	
		For >500 To 1,500, Add	*0.27*	
05 31 13 00-0025	SF	1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	12.96	1.12
		For Site Installed Insulation Between Ribs, Add	*3.35*	
		For Painted, Deduct	*-0.58*	
		For Perforated Or Slotted, Add	*0.58*	
		For Insulated Cells, Add	*2.60*	
		For Up To 100, Add	*2.56*	
		For >100 To 500, Add	*1.72*	
		For >500 To 1,500, Add	*0.35*	
05 31 13 00-0026	SF	1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	14.75	0.88
		For Site Installed Insulation Between Ribs, Add	*3.77*	
		For Painted, Deduct	*-0.68*	
		For Perforated Or Slotted, Add	*0.68*	
		For Insulated Cells, Add	*3.07*	
		For Up To 100, Add	*2.47*	
		For >100 To 500, Add	*1.81*	
		For >500 To 1,500, Add	*0.28*	
05 31 13 00-0027	SF	1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	15.89	1.18
		For Site Installed Insulation Between Ribs, Add	*4.08*	
		For Painted, Deduct	*-0.72*	
		For Perforated Or Slotted, Add	*0.72*	
		For Insulated Cells, Add	*3.24*	
		For Up To 100, Add	*2.91*	
		For >100 To 500, Add	*2.03*	
		For >500 To 1,500, Add	*0.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0028	SF	3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	16.88	1.08
		For Site Installed Insulation Between Ribs, Add	*4.32*	
		For Painted, Deduct	*-0.78*	
		For Perforated Or Slotted, Add	*0.78*	
		For Insulated Cells, Add	*3.50*	
		For Up To 100, Add	*2.89*	
		For >100 To 500, Add	*2.09*	
		For >500 To 1,500, Add	*0.33*	
05 31 13 00-0029	SF	3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	20.18	1.24
		For Site Installed Insulation Between Ribs, Add	*5.16*	
		For Painted, Deduct	*-0.93*	
		For Perforated Or Slotted, Add	*0.93*	
		For Insulated Cells, Add	*4.19*	
		For Up To 100, Add	*3.41*	
		For >100 To 500, Add	*2.48*	
		For >500 To 1,500, Add	*0.39*	
05 31 13 00-0030	SF	3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck	22.64	1.33
		For Site Installed Insulation Between Ribs, Add	*5.78*	
		For Painted, Deduct	*-1.05*	
		For Perforated Or Slotted, Add	*1.05*	
		For Insulated Cells, Add	*4.72*	
		For Up To 100, Add	*3.77*	
		For >100 To 500, Add	*2.77*	
		For >500 To 1,500, Add	*0.42*	
05 31 13 00-0031	SF	3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck	24.47	1.43
		For Site Installed Insulation Between Ribs, Add	*6.25*	
		For Painted, Deduct	*-1.13*	
		For Perforated Or Slotted, Add	*1.13*	
		For Insulated Cells, Add	*5.10*	
		For Up To 100, Add	*4.06*	
		For >100 To 500, Add	*2.98*	
		For >500 To 1,500, Add	*0.45*	
05 31 13 00-0032	SF	4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	26.34	1.08
		For Site Installed Insulation Between Ribs, Add	*6.69*	
		For Painted, Deduct	*-1.25*	
		For Perforated Or Slotted, Add	*1.25*	
		For Insulated Cells, Add	*5.62*	
		For Up To 100, Add	*3.85*	
		For >100 To 500, Add	*3.04*	
		For >500 To 1,500, Add	*0.34*	
05 31 13 00-0033	SF	4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	27.99	1.26
		For Site Installed Insulation Between Ribs, Add	*7.11*	
		For Painted, Deduct	*-1.32*	
		For Perforated Or Slotted, Add	*1.32*	
		For Insulated Cells, Add	*5.94*	
		For Up To 100, Add	*4.22*	
		For >100 To 500, Add	*3.27*	
		For >500 To 1,500, Add	*0.40*	
05 31 13 00-0034	SF	4-1/2" Deep, 18/16 Gauge Cellular Galvanized Steel Deck	29.57	1.35
		For Site Installed Insulation Between Ribs, Add	*7.52*	
		For Painted, Deduct	*-1.39*	
		For Perforated Or Slotted, Add	*1.39*	
		For Insulated Cells, Add	*6.27*	
		For Up To 100, Add	*4.49*	
		For >100 To 500, Add	*3.47*	
		For >500 To 1,500, Add	*0.43*	
05 31 13 00-0035	SF	4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck	31.53	1.45
		For Site Installed Insulation Between Ribs, Add	*8.02*	
		For Painted, Deduct	*-1.49*	
		For Perforated Or Slotted, Add	*1.49*	
		For Insulated Cells, Add	*6.68*	
		For Up To 100, Add	*4.79*	
		For >100 To 500, Add	*3.70*	
		For >500 To 1,500, Add	*0.46*	

05 31 23 Steel Roof Decking *(05 31)*

See CSI section 05 31 13 00-0000 for Steel floor or roof decking.

05 31 33 Steel Form Decking *(05 31)*

05 31 33 00-0001 Open Ribbed Galvanized Steel Form Deck *(05 31 33)*

05 31 33 00-0002	SF	9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck	3.14	
		For Painted, Deduct	*-0.11*	
		For Perforated Or Slotted, Add	*0.11*	
		For Up To 100, Add	*1.11*	
		For >100 To 500, Add	*0.58*	
		For >500 To 1,500, Add	*0.22*	
05 31 33 00-0003	SF	9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	3.34	
		For Painted, Deduct	*-0.12*	
		For Perforated Or Slotted, Add	*0.12*	
		For Up To 100, Add	*1.18*	
		For >100 To 500, Add	*0.62*	
		For >500 To 1,500, Add	*0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 33 00-0004	SF	9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	3.68	
		For Painted, Deduct	*-0.13*	
		For Perforated Or Slotted, Add	*0.13*	
		For Up To 100, Add	*1.34*	
		For >100 To 500, Add	*0.69*	
		For >500 To 1,500, Add	*0.27*	
05 31 33 00-0005	SF	9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	3.97	
		For Painted, Deduct	*-0.14*	
		For Perforated Or Slotted, Add	*0.14*	
		For Up To 100, Add	*1.50*	
		For >100 To 500, Add	*0.77*	
		For >500 To 1,500, Add	*0.31*	
05 31 33 00-0006	SF	15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	3.82	
		For Painted, Deduct	*-0.14*	
		For Perforated Or Slotted, Add	*0.14*	
		For Up To 100, Add	*1.23*	
		For >100 To 500, Add	*0.66*	
		For >500 To 1,500, Add	*0.24*	
05 31 33 00-0007	SF	15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck	4.01	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Up To 100, Add	*1.29*	
		For >100 To 500, Add	*0.70*	
		For >500 To 1,500, Add	*0.25*	
05 31 33 00-0008	SF	15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	4.20	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Up To 100, Add	*1.39*	
		For >100 To 500, Add	*0.74*	
		For >500 To 1,500, Add	*0.27*	
05 31 33 00-0009	SF	15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	4.47	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Up To 100, Add	*1.55*	
		For >100 To 500, Add	*0.82*	
		For >500 To 1,500, Add	*0.31*	
05 31 33 00-0010	SF	1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	4.72	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*1.62*	
		For >100 To 500, Add	*0.86*	
		For >500 To 1,500, Add	*0.32*	
05 31 33 00-0011	SF	1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	5.16	
		For Painted, Deduct	*-0.19*	
		For Perforated Or Slotted, Add	*0.19*	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.92*	
		For >500 To 1,500, Add	*0.33*	
05 31 33 00-0012	SF	1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	5.94	
		For Painted, Deduct	*-0.23*	
		For Perforated Or Slotted, Add	*0.23*	
		For Up To 100, Add	*1.87*	
		For >100 To 500, Add	*1.02*	
		For >500 To 1,500, Add	*0.36*	
05 31 33 00-0013	SF	1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck	6.58	
		For Painted, Deduct	*-0.25*	
		For Perforated Or Slotted, Add	*0.25*	
		For Up To 100, Add	*2.13*	
		For >100 To 500, Add	*1.15*	
		For >500 To 1,500, Add	*0.41*	

05 36 Composite Metal Decking *(05 30)*

See CSI section 03 30 00 00-0000 for concrete.

05 36 00 00-0001 Composite Open Ribbed Galvanized Steel Deck *(05 36)*

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.

05 36 00 00-0002	SF	1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	4.77	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*1.63*	
		For >100 To 500, Add	*0.86*	
		For >500 To 1,500, Add	*0.32*	
05 36 00 00-0003	SF	1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	5.07	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Up To 100, Add	*1.79*	
		For >100 To 500, Add	*0.93*	
		For >500 To 1,500, Add	*0.36*	
05 36 00 00-0004	SF	1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	5.63	
		For Painted, Deduct	*-0.19*	
		For Perforated Or Slotted, Add	*0.19*	
		For Up To 100, Add	*2.16*	
		For >100 To 500, Add	*1.09*	
		For >500 To 1,500, Add	*0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0005	SF	1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	6.10	
		For Painted, Deduct	*-0.20*	
		For Perforated Or Slotted, Add	*0.20*	
		For Up To 100, Add	*2.51*	
		For >100 To 500, Add	*1.24*	
		For >500 To 1,500, Add	*0.53*	
05 36 00 00-0006	SF	2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	5.07	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Up To 100, Add	*1.79*	
		For >100 To 500, Add	*0.93*	
		For >500 To 1,500, Add	*0.36*	
05 36 00 00-0007	SF	2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	5.49	
		For Painted, Deduct	*-0.20*	
		For Perforated Or Slotted, Add	*0.20*	
		For Up To 100, Add	*1.97*	
		For >100 To 500, Add	*1.02*	
		For >500 To 1,500, Add	*0.40*	
05 36 00 00-0008	SF	2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	6.04	
		For Painted, Deduct	*-0.21*	
		For Perforated Or Slotted, Add	*0.21*	
		For Up To 100, Add	*2.33*	
		For >100 To 500, Add	*1.18*	
		For >500 To 1,500, Add	*0.48*	
05 36 00 00-0009	SF	2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	6.54	
		For Painted, Deduct	*-0.21*	
		For Perforated Or Slotted, Add	*0.21*	
		For Up To 100, Add	*2.69*	
		For >100 To 500, Add	*1.33*	
		For >500 To 1,500, Add	*0.57*	
05 36 00 00-0010	SF	3" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	5.33	
		For Painted, Deduct	*-0.19*	
		For Perforated Or Slotted, Add	*0.19*	
		For Up To 100, Add	*1.86*	
		For >100 To 500, Add	*0.97*	
		For >500 To 1,500, Add	*0.37*	
05 36 00 00-0011	SF	3" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	5.70	
		For Painted, Deduct	*-0.20*	
		For Perforated Or Slotted, Add	*0.20*	
		For Up To 100, Add	*2.07*	
		For >100 To 500, Add	*1.07*	
		For >500 To 1,500, Add	*0.42*	
05 36 00 00-0012	SF	3" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	6.34	
		For Painted, Deduct	*-0.21*	
		For Perforated Or Slotted, Add	*0.21*	
		For Up To 100, Add	*2.49*	
		For >100 To 500, Add	*1.25*	
		For >500 To 1,500, Add	*0.52*	
05 36 00 00-0013	SF	3" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	7.04	
		For Painted, Deduct	*-0.23*	
		For Perforated Or Slotted, Add	*0.23*	
		For Up To 100, Add	*2.92*	
		For >100 To 500, Add	*1.44*	
		For >500 To 1,500, Add	*0.62*	

05 36 00 00-0014 Composite Cellular Galvanized Steel Deck *(05 36)*

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab. Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels.

05 36 00 00-0015	SF	1-1/2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	8.74	
		For Site Installed Insulation Between Ribs, Add	*2.36*	
		For Painted, Deduct	*-0.32*	
		For Perforated Or Slotted, Add	*0.32*	
		For Insulated Cells, Add	*1.45*	
		For Up To 100, Add	*2.95*	
		For >100 To 500, Add	*1.57*	
		For >500 To 1,500, Add	*0.58*	
05 36 00 00-0016	SF	1-1/2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	9.31	
		For Site Installed Insulation Between Ribs, Add	*2.52*	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Insulated Cells, Add	*1.52*	
		For Up To 100, Add	*3.23*	
		For >100 To 500, Add	*1.70*	
		For >500 To 1,500, Add	*0.64*	
05 36 00 00-0017	SF	1-1/2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	9.41	
		For Site Installed Insulation Between Ribs, Add	*2.55*	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Insulated Cells, Add	*1.52*	
		For Up To 100, Add	*3.33*	
		For >100 To 500, Add	*1.74*	
		For >500 To 1,500, Add	*0.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0018	SF	1-1/2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	9.96	
		For Site Installed Insulation Between Ribs, Add	*2.71*	
		For Painted, Deduct	*-0.35*	
		For Perforated Or Slotted, Add	*0.35*	
		For Insulated Cells, Add	*1.58*	
		For Up To 100, Add	*3.65*	
		For >100 To 500, Add	*1.88*	
		For >500 To 1,500, Add	*0.74*	
05 36 00 00-0019	SF	1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	10.67	
		For Site Installed Insulation Between Ribs, Add	*2.91*	
		For Painted, Deduct	*-0.37*	
		For Perforated Or Slotted, Add	*0.37*	
		For Insulated Cells, Add	*1.68*	
		For Up To 100, Add	*3.94*	
		For >100 To 500, Add	*2.02*	
		For >500 To 1,500, Add	*0.80*	
05 36 00 00-0020	SF	1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	10.77	
		For Site Installed Insulation Between Ribs, Add	*2.94*	
		For Painted, Deduct	*-0.37*	
		For Perforated Or Slotted, Add	*0.37*	
		For Insulated Cells, Add	*1.68*	
		For Up To 100, Add	*4.04*	
		For >100 To 500, Add	*2.06*	
		For >500 To 1,500, Add	*0.82*	
05 36 00 00-0021	SF	1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	11.32	
		For Site Installed Insulation Between Ribs, Add	*3.10*	
		For Painted, Deduct	*-0.39*	
		For Perforated Or Slotted, Add	*0.39*	
		For Insulated Cells, Add	*1.74*	
		For Up To 100, Add	*4.36*	
		For >100 To 500, Add	*2.21*	
		For >500 To 1,500, Add	*0.90*	
05 36 00 00-0022	SF	2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	9.01	
		For Site Installed Insulation Between Ribs, Add	*2.44*	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.47*	
		For Up To 100, Add	*3.12*	
		For >100 To 500, Add	*1.64*	
		For >500 To 1,500, Add	*0.62*	
05 36 00 00-0023	SF	2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	9.50	
		For Site Installed Insulation Between Ribs, Add	*2.57*	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Insulated Cells, Add	*1.54*	
		For Up To 100, Add	*3.34*	
		For >100 To 500, Add	*1.75*	
		For >500 To 1,500, Add	*0.66*	
05 36 00 00-0024	SF	2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	9.60	
		For Site Installed Insulation Between Ribs, Add	*2.61*	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Insulated Cells, Add	*1.54*	
		For Up To 100, Add	*3.44*	
		For >100 To 500, Add	*1.79*	
		For >500 To 1,500, Add	*0.69*	
05 36 00 00-0025	SF	2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	10.27	
		For Site Installed Insulation Between Ribs, Add	*2.80*	
		For Painted, Deduct	*-0.36*	
		For Perforated Or Slotted, Add	*0.36*	
		For Insulated Cells, Add	*1.62*	
		For Up To 100, Add	*3.77*	
		For >100 To 500, Add	*1.94*	
		For >500 To 1,500, Add	*0.76*	
05 36 00 00-0026	SF	2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	10.85	
		For Site Installed Insulation Between Ribs, Add	*2.96*	
		For Painted, Deduct	*-0.38*	
		For Perforated Or Slotted, Add	*0.38*	
		For Insulated Cells, Add	*1.70*	
		For Up To 100, Add	*4.05*	
		For >100 To 500, Add	*2.07*	
		For >500 To 1,500, Add	*0.82*	
05 36 00 00-0027	SF	2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	11.00	
		For Site Installed Insulation Between Ribs, Add	*3.01*	
		For Painted, Deduct	*-0.38*	
		For Perforated Or Slotted, Add	*0.38*	
		For Insulated Cells, Add	*1.70*	
		For Up To 100, Add	*4.20*	
		For >100 To 500, Add	*2.13*	
		For >500 To 1,500, Add	*0.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0028	SF	2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	11.59	
		For Site Installed Insulation Between Ribs, Add	*3.17*	
		For Painted, Deduct	*-0.40*	
		For Perforated Or Slotted, Add	*0.40*	
		For Insulated Cells, Add	*1.78*	
		For Up To 100, Add	*4.48*	
		For >100 To 500, Add	*2.27*	
		For >500 To 1,500, Add	*0.92*	
05 36 00 00-0029	SF	3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	9.05	
		For Site Installed Insulation Between Ribs, Add	*2.45*	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.48*	
		For Up To 100, Add	*3.12*	
		For >100 To 500, Add	*1.64*	
		For >500 To 1,500, Add	*0.62*	
05 36 00 00-0030	SF	3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	9.55	
		For Site Installed Insulation Between Ribs, Add	*2.59*	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Insulated Cells, Add	*1.54*	
		For Up To 100, Add	*3.39*	
		For >100 To 500, Add	*1.77*	
		For >500 To 1,500, Add	*0.68*	
05 36 00 00-0031	SF	3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	9.70	
		For Site Installed Insulation Between Ribs, Add	*2.64*	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Insulated Cells, Add	*1.54*	
		For Up To 100, Add	*3.54*	
		For >100 To 500, Add	*1.83*	
		For >500 To 1,500, Add	*0.71*	
05 36 00 00-0032	SF	3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	10.37	
		For Site Installed Insulation Between Ribs, Add	*2.82*	
		For Painted, Deduct	*-0.36*	
		For Perforated Or Slotted, Add	*0.36*	
		For Insulated Cells, Add	*1.64*	
		For Up To 100, Add	*3.83*	
		For >100 To 500, Add	*1.97*	
		For >500 To 1,500, Add	*0.78*	
05 36 00 00-0033	SF	3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	11.03	
		For Site Installed Insulation Between Ribs, Add	*3.01*	
		For Painted, Deduct	*-0.38*	
		For Perforated Or Slotted, Add	*0.38*	
		For Insulated Cells, Add	*1.73*	
		For Up To 100, Add	*4.11*	
		For >100 To 500, Add	*2.11*	
		For >500 To 1,500, Add	*0.84*	
05 36 00 00-0034	SF	3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	11.23	
		For Site Installed Insulation Between Ribs, Add	*3.07*	
		For Painted, Deduct	*-0.38*	
		For Perforated Or Slotted, Add	*0.38*	
		For Insulated Cells, Add	*1.73*	
		For Up To 100, Add	*4.31*	
		For >100 To 500, Add	*2.19*	
		For >500 To 1,500, Add	*0.89*	
05 36 00 00-0035	SF	3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	11.68	
		For Site Installed Insulation Between Ribs, Add	*3.20*	
		For Painted, Deduct	*-0.40*	
		For Perforated Or Slotted, Add	*0.40*	
		For Insulated Cells, Add	*1.78*	
		For Up To 100, Add	*4.57*	
		For >100 To 500, Add	*2.30*	
		For >500 To 1,500, Add	*0.95*	
05 36 00 00-0036		Non-Cellular, Composite Deck, Galvanized *(05 36)*		
05 36 00 00-0037	SF	1" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	6.93	
05 36 00 00-0038	SF	1" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	5.65	
05 36 00 00-0039	SF	1" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	4.65	
05 36 00 00-0040	SF	1" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	3.99	
05 36 00 00-0041	SF	1-1/2" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	7.63	
05 36 00 00-0042	SF	1-1/2" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	6.17	
05 36 00 00-0043	SF	1-1/2" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	5.09	
05 36 00 00-0044	SF	1-1/2" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	4.36	
05 36 00 00-0045	SF	3" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	8.77	
05 36 00 00-0046	SF	3" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	6.98	
05 36 00 00-0047	SF	3" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	5.81	
05 36 00 00-0048	SF	3" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	5.24	

05 40 Cold-Formed Metal Framing *(05)*

Note: Includes all connecting bolts and welds.

05 41 Structural Metal Stud Framing *(05 40)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

05 41 00 00-0001 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

05 41 00 00-0002	SF	2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.38	0.85
		For Walls >10' High, Add	*1.28*	
		For Curved Wall, Add	*0.59*	
		For Up To 200, Add	*1.67*	
		For >200 To 500, Add	*0.83*	
		For 12" On Center, Add	*1.18*	
		For 24" On Center, Deduct	*-1.18*	
05 41 00 00-0003	SF	3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	7.26	0.85
		For Walls >10' High, Add	*1.45*	
		For Curved Wall, Add	*0.62*	
		For Up To 200, Add	*1.87*	
		For >200 To 500, Add	*0.93*	
		For 12" On Center, Add	*1.35*	
		For 24" On Center, Deduct	*-1.35*	
05 41 00 00-0004	SF	4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	7.58	0.85
		For Walls >10' High, Add	*1.52*	
		For Curved Wall, Add	*0.65*	
		For Up To 200, Add	*1.95*	
		For >200 To 500, Add	*0.97*	
		For 12" On Center, Add	*1.41*	
		For 24" On Center, Deduct	*-1.41*	
05 41 00 00-0005	SF	6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	10.09	0.94
		For Walls >10' High, Add	*2.02*	
		For Curved Wall, Add	*0.67*	
		For Up To 200, Add	*2.47*	
		For >200 To 500, Add	*1.23*	
		For 12" On Center, Add	*1.91*	
		For 24" On Center, Deduct	*-1.91*	
05 41 00 00-0006	SF	8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	11.43	1.03
		For Walls >10' High, Add	*2.29*	
		For Curved Wall, Add	*0.70*	
		For Up To 200, Add	*2.75*	
		For >200 To 500, Add	*1.38*	
		For 12" On Center, Add	*2.17*	
		For 24" On Center, Deduct	*-2.17*	

05 41 00 00-0007 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

05 41 00 00-0008	SF	2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.91	0.85
		For Walls >10' High, Add	*1.38*	
		For Curved Wall, Add	*0.62*	
		For Up To 200, Add	*1.80*	
		For >200 To 500, Add	*0.90*	
		For 12" On Center, Add	*1.28*	
		For 24" On Center, Deduct	*-1.28*	
05 41 00 00-0009	SF	3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	8.20	0.86
		For Walls >10' High, Add	*1.64*	
		For Curved Wall, Add	*0.65*	
		For Up To 200, Add	*2.07*	
		For >200 To 500, Add	*1.04*	
		For 12" On Center, Add	*1.53*	
		For 24" On Center, Deduct	*-1.53*	
05 41 00 00-0010	SF	4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	8.68	0.86
		For Walls >10' High, Add	*1.74*	
		For Curved Wall, Add	*0.68*	
		For Up To 200, Add	*2.19*	
		For >200 To 500, Add	*1.09*	
		For 12" On Center, Add	*1.62*	
		For 24" On Center, Deduct	*-1.62*	
05 41 00 00-0011	SF	6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	11.44	1.03
		For Walls >10' High, Add	*2.29*	
		For Curved Wall, Add	*0.71*	
		For Up To 200, Add	*2.76*	
		For >200 To 500, Add	*1.38*	
		For 12" On Center, Add	*2.17*	
		For 24" On Center, Deduct	*-2.17*	
05 41 00 00-0012	SF	8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	12.73	1.13
		For Walls >10' High, Add	*2.55*	
		For Curved Wall, Add	*0.75*	
		For Up To 200, Add	*3.04*	
		For >200 To 500, Add	*1.52*	
		For 12" On Center, Add	*2.42*	
		For 24" On Center, Deduct	*-2.42*	

05 41 00 00-0013 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 41 00 00-0014	SF	3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	9.74	1.17
		For Walls >10' High, Add	*1.95*	
		For Curved Wall, Add	*0.78*	
		For Up To 200, Add	*2.47*	
		For >200 To 500, Add	*1.24*	
		For 12" On Center, Add	*1.82*	
		For 24" On Center, Deduct	*-1.82*	
05 41 00 00-0015	SF	4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	10.03	1.19
		For Walls >10' High, Add	*2.01*	
		For Curved Wall, Add	*0.80*	
		For Up To 200, Add	*2.54*	
		For >200 To 500, Add	*1.27*	
		For 12" On Center, Add	*1.87*	
		For 24" On Center, Deduct	*-1.87*	
05 41 00 00-0016	SF	6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	13.08	1.26
		For Walls >10' High, Add	*2.62*	
		For Curved Wall, Add	*0.83*	
		For Up To 200, Add	*3.17*	
		For >200 To 500, Add	*1.59*	
		For 12" On Center, Add	*2.48*	
		For 24" On Center, Deduct	*-2.48*	
05 41 00 00-0017	SF	8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	14.50	1.31
		For Walls >10' High, Add	*2.90*	
		For Curved Wall, Add	*0.87*	
		For Up To 200, Add	*3.48*	
		For >200 To 500, Add	*1.74*	
		For 12" On Center, Add	*2.75*	
		For 24" On Center, Deduct	*-2.75*	

05 42 Cold-Formed Metal Joist Framing *(05 40)*

05 42 13 Cold-Formed Metal Floor Joist Framing *(05 42)*

Note: Floor or roof joist framing

05 42 13 00-0001 Steel Joists, 20 Gauge *(05 42 13)*

05 42 13 00-0002	LF	5-1/2" - 20 Gauge Steel Joists	14.56	2.01
05 42 13 00-0003	LF	6" - 20 Gauge Steel Joists	15.46	2.53
05 42 13 00-0004	LF	7-1/4" - 20 Gauge Steel Joists	16.74	2.78
05 42 13 00-0005	LF	8" - 20 Gauge Steel Joists	19.01	2.95

05 42 13 00-0006 Steel Joists, 18 Gauge *(05 42 13)*

05 42 13 00-0007	LF	5-1/2" - 18 Gauge Steel Joists	16.25	2.23
05 42 13 00-0008	LF	6" - 18 Gauge Steel Joists	17.29	2.81
05 42 13 00-0009	LF	7-1/4" - 18 Gauge Steel Joists	18.78	3.08
05 42 13 00-0010	LF	8" - 18 Gauge Steel Joists	19.19	3.28

05 42 13 00-0011 Steel Joists, 16 Gauge *(05 42 13)*

05 42 13 00-0012	LF	7-1/4" - 16 Gauge Steel Joists	20.62	3.11
05 42 13 00-0013	LF	8" - 16 Gauge Steel Joists	21.79	3.28

05 42 13 00-0014 Steel Joists, 14 Gauge *(05 42 13)*

05 42 13 00-0015	LF	9-1/4" - 14 Gauge Steel Joists	25.14	3.28
05 42 13 00-0016	LF	11-1/2" - 14 Gauge Steel Joists	27.48	3.45

05 42 13 00-0017 Steel Joists, 12 Gauge *(05 42 13)*

05 42 13 00-0018	LF	9-1/4" - 12 Gauge Steel Joists	30.36	3.60
05 42 13 00-0019	LF	11-1/2" - 12 Gauge Steel Joists	33.41	3.80

05 42 13 00-0020 Steel Joists, 10 Gauge *(05 42 13)*

05 42 13 00-0021	LF	9-1/4" - 10 Gauge Steel Joists	35.63	3.97
05 42 13 00-0022	LF	11-1/2" - 10 Gauge Steel Joists	39.41	4.18

05 42 13 00-0023 Steel Joists, 8 Gauge *(05 42 13)*

05 42 13 00-0024	LF	9-1/4" - 8 Gauge Steel Joists	40.95	4.37
05 42 13 00-0025	LF	11-1/2" - 8 Gauge Steel Joists	45.43	4.60

05 42 23 Cold-Formed Metal Roof Joist Framing *(05 42)*

See CSI section 05 42 13 00-0000 for metal joist framing.

05 43 Slotted Channel Framing *(05 40)*

05 43 00 00-0001 Unistrut Channel *(05 43)*

Note: Excludes fasteners and accessories.

05 43 00 00-0002 Steel Unistrut Channel *(05 43 00 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0003	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	12.40	2.36
		For Powder Coating, Add	*1.15*	
		For Galvanizing, Add	*1.31*	
05 43 00 00-0004	LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	12.77	2.36
		For Powder Coating, Add	*1.21*	
		For Galvanizing, Add	*1.37*	
05 43 00 00-0005	LF	1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	13.35	2.36
		For Powder Coating, Add	*1.29*	
		For Galvanizing, Add	*1.47*	
05 43 00 00-0006	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	11.66	2.36
		For Powder Coating, Add	*1.04*	
		For Galvanizing, Add	*1.18*	
05 43 00 00-0007	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel	10.03	2.36
		For Powder Coating, Add	*0.80*	
		For Galvanizing, Add	*0.90*	
05 43 00 00-0008		Stainless Steel Unistrut Channel *(05 43 00 00-0001)*		
05 43 00 00-0009		304 Stainless Steel Unistrut Channel *(05 43 00 00-0008)*		
05 43 00 00-0010	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	33.16	2.36
05 43 00 00-0011	LF	1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	40.11	2.36
05 43 00 00-0012	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	38.38	2.36
05 43 00 00-0013	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	49.11	2.36
05 43 00 00-0014		316 Stainless Steel Unistrut Channel *(05 43 00 00-0008)*		
05 43 00 00-0015	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	55.70	2.36
05 43 00 00-0016		Unistrut Closure Strips *(05 43)*		
05 43 00 00-0017	LF	Steel Raceway Closure Strip For Unistrut Channel	6.82	0.52
05 43 00 00-0018		Lock Nuts With Spring For Unistrut Channel *(05 43)*		
		Note: Includes hex bolt.		
05 43 00 00-0019		Steel Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0018)*		
		Note: Includes hex bolt.		
05 43 00 00-0020	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	7.47	
05 43 00 00-0021	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	8.26	
05 43 00 00-0022	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	8.85	
05 43 00 00-0023	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	12.06	
05 43 00 00-0024		Stainless Steel Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0018)*		
		Note: Includes hex bolt.		
05 43 00 00-0025	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	18.29	
05 43 00 00-0026	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	19.56	
05 43 00 00-0027	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	28.30	
05 43 00 00-0028	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	49.46	
05 43 00 00-0029		Lock Nuts Without Spring For Unistrut Channel *(05 43)*		
		Note: Includes hex bolt.		
05 43 00 00-0030		Steel Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0029)*		
		Note: Includes hex bolt.		
05 43 00 00-0031	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	7.49	
05 43 00 00-0032	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	8.37	
05 43 00 00-0033	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	8.90	
05 43 00 00-0034	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	12.99	
05 43 00 00-0035		Stainless Steel Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0029)*		
		Note: Includes hex bolt.		
05 43 00 00-0036	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	12.68	
05 43 00 00-0037	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	15.60	
05 43 00 00-0038	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	17.13	
05 43 00 00-0039	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	48.14	
05 43 00 00-0040		Beam Clamp For Unistrut Channel *(05 43)*		
05 43 00 00-0041	EA	1-5/8" Channel, P2675 Unistrut Beam Clamp	22.97	7.84
05 43 00 00-0042	EA	1-5/8" Channel, P2676 Unistrut Beam Clamp	29.75	7.84
05 43 00 00-0043	EA	Add For Unistrut Swivel Nut, P2676	3.69	
05 43 00 00-0044		Beam Clamp Clevis Hangers For Unistrut Channel *(05 43)*		
05 43 00 00-0045	EA	Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674)	25.32	7.84
05 43 00 00-0046	EA	Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677)	30.72	7.84
05 43 00 00-0047	EA	Add For Unistrut Swivel Nut	3.69	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0048	EA	6-Hole Electrogalvanized Steel Shelf Bracket For Unistrut	171.91	10.45
05 43 00 00-0049		**Pipe And Rigid Conduit Clamps** *(05 43)*		
05 43 00 00-0050		**Pipe And Rigid Conduit Clamps** *(05 43 00 00-0049)*		
		Note: Includes stainless steel (316) hardware.		
05 43 00 00-0051	PR	1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	7.63	2.30
05 43 00 00-0052	PR	3/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	7.82	2.30
05 43 00 00-0053	PR	1" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	8.95	2.79
05 43 00 00-0054	PR	1-1/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	9.46	3.03
05 43 00 00-0055	PR	1-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	12.13	3.39
05 43 00 00-0056	PR	2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	12.13	3.39
05 43 00 00-0057	PR	2-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	18.51	5.68
05 43 00 00-0058	PR	3" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	18.88	5.68
05 43 00 00-0059	PR	3-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	20.15	6.29
05 43 00 00-0060	PR	4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	22.33	6.78
05 43 00 00-0061		**Pipe And Rigid Conduit Clamps** *(05 43 00 00-0049)*		
		Note: Includes nylon hardware.		
05 43 00 00-0062	PR	1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	10.87	2.30
05 43 00 00-0063	PR	3/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	11.25	2.30
05 43 00 00-0064	PR	1" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	12.38	2.79
05 43 00 00-0065	PR	1-1/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	13.03	3.03
05 43 00 00-0066	PR	1-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	17.70	3.39
05 43 00 00-0067	PR	2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	17.70	3.39
05 43 00 00-0068	PR	2-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	26.03	5.68
05 43 00 00-0069	PR	3" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	26.79	5.68
05 43 00 00-0070	PR	3-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	28.19	6.29
05 43 00 00-0071	PR	4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	31.47	6.78
05 43 00 00-0072		**Accessories For Unistrut Channel** *(05 43)*		
05 43 00 00-0073	EA	Trolley Truck Hanger, 1-5/8" Channel P1834	56.32	7.84
05 43 00 00-0074	EA	Flat Plate Fitting, One Hole, 1-5/8" Channel P1064	13.84	5.23
05 43 00 00-0075	EA	60 Degree Angle, 1-5/8" Channel P2097	14.51	5.23
05 43 00 00-0076		**Bases For Unistrut Channel** *(05 43)*		
05 43 00 00-0077		**Steel Bases For Unistrut Channel** *(05 43 00 00-0076)*		
		Note: Includes straight or angled post mounting and fasteners.		
05 43 00 00-0078	EA	6" x 6", 1-5/8" Height, Single Post, Steel Base For Unistrut Channel	106.49	26.14
05 43 00 00-0079	EA	6" x 6", 3-1/2" Height, Single Post, Steel Base For Unistrut Channel	107.31	26.14
05 43 00 00-0080	EA	6" x 6", 1-5/8" Height, Double Post, Steel Base For Unistrut Channel	155.49	26.14
05 43 00 00-0081	EA	6" x 6", 3-1/2" Height, Double Post, Steel Base For Unistrut Channel	126.10	26.14
05 43 00 00-0082		**Stainless Steel Bases For Unistrut Channel** *(05 43 00 00-0076)*		
		Note: Includes straight or angled post mounting and fasteners.		
05 43 00 00-0083	EA	6" x 6", 1-5/8" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel	220.33	26.14
05 43 00 00-0084	EA	6" x 6", 3-1/2" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel	400.67	26.14
05 43 00 00-0085	EA	6" x 6", 3-1/2" Height, Double Post, 304 Stainless Steel Base For Unistrut Channel	305.56	26.14
05 43 00 00-0086	EA	6" x 6", 1-5/8" Height, Single Post, 316 Stainless Steel Base For Unistrut Channel	451.36	26.14
05 43 00 00-0087	EA	6" x 6", 3-1/2" Height, Double Post, 316 Stainless Steel Base For Unistrut Channel	397.84	26.14

05 45 Metal Support Assemblies *(05 40)*

05 45 13 Mechanical Metal Supports *(05 45)*

See CSI section 23 05 29 00-0000 for metal supports.

05 45 16 Electrical Metal Supports *(05 45)*

See CSI section 26 05 29 00-0000 for metal supports.

05 50 Metal Fabrications *(05)*

05 51 Metal Stairs *(05 50)*

05 51 13 Metal Pan Stairs *(05 51)*

Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail.
See CSI section 05 52 13 00-0000 for handrails.

05 51 13 00-0001		**Open Concrete Filled Metal Pan Stair And Landing** *(05 51 13)*		
		Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.		
05 51 13 00-0002	RSR	3'-6" Wide Open Concrete Filled Metal Pan Tread Stair	1,055.39	30.49
		For Closed Riser, Add	*122.47*	
05 51 13 00-0003	RSR	4'-0" Wide Open Concrete Filled Metal Pan Tread Stair	1,198.84	35.58
		For Closed Riser, Add	*138.98*	
05 51 13 00-0004	RSR	5'-0" Wide Open Concrete Filled Metal Pan Tread Stair	1,334.43	41.68
		For Closed Riser, Add	*154.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 13 00-0005	SF	Concrete Filled Steel Pan Landing Note: Conventional shape.	82.76	5.08

05 51 19 Metal Grating Stairs *(05 51)*

Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0001 Open Steel Grating Tread Metal Stair And Landing *(05 51 19)*

Note: Includes steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0002	RSR	3'-6" Wide Open Steel Grating Tread Metal Stair	507.04	40.66
		For Closed Riser, Add	*61.44*	
		For Galvanized Steel, Add	*106.43*	
05 51 19 00-0003	RSR	4'-0" Wide Open Steel Grating Tread Metal Stair	539.51	46.75
		For Closed Riser, Add	*64.99*	
		For Galvanized Steel, Add	*111.50*	
05 51 19 00-0004	RSR	5'-0" Wide Open Steel Grating Tread Metal Stair	596.32	54.88
		For Closed Riser, Add	*71.48*	
		For Galvanized Steel, Add	*121.64*	
05 51 19 00-0005	SF	Steel Grating Landing With Framing And 2 Pipe Handrail Note: Conventional shape.	93.31	5.08
		For Galvanized Steel, Add	*18.25*	

05 51 33 Metal Ladders *(05 51)*

Note: Includes factory prime.

05 51 33 13 Vertical Metal Ladders *(05 51 33)*

05 51 33 13-0001 Vertical Ladders *(05 51 33 13)*

Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"

05 51 33 13-0002	VLF	20" Wide Vertical Steel Ladder Primed	88.41	12.20
		For Galvanized Steel, Add	*12.54*	
		For Aluminum, Add	*25.07*	
05 51 33 13-0003	VLF	24" Wide Vertical Steel Ladder Primed	101.12	12.20
		For Galvanized Steel, Add	*15.71*	
		For Aluminum, Add	*31.43*	
05 51 33 13-0004	VLF	20" Wide Vertical Steel Caged Ladder Primed	210.46	20.33
		For Galvanized Steel, Add	*36.42*	
		For Aluminum, Add	*72.84*	
05 51 33 13-0005	VLF	24" Wide Vertical Steel Caged Ladder Primed	235.87	20.33
		For Galvanized Steel, Add	*42.77*	
		For Aluminum, Add	*85.54*	

05 51 33 13-0006 Vertical Ladders Options *(05 51 33 13)*

05 51 33 13-0007	EA	20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket.	353.96	38.11
		For Galvanized Steel, Add	*69.43*	
		For Aluminum, Add	*138.87*	
05 51 33 13-0008	EA	24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket.	387.63	40.66
		For Galvanized Steel, Add	*76.58*	
		For Aluminum, Add	*153.16*	
05 51 33 13-0009	EA	Security Cage Entry Gate With Lockable Hasp	535.93	12.70
05 51 33 13-0010	EA	6' Powder Coated, Security Ladder Guard	1,138.79	76.23
05 51 33 13-0011	EA	8' Powder Coated, Security Ladder Guard	1,362.29	88.94
05 51 33 13-0012	EA	Safety Chain Attachment	208.20	

05 51 33 13-0013 Welded Steel Ladder Cages *(05 51 33 13)*

Note: For existing fixed ladders up to 20" wide. Excludes the ladder.

05 51 33 13-0014 Powder Coated, Welded Steel Ladder Cages *(05 51 33 13-0013)*

05 51 33 13-0015	EA	7-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,080.90	152.46
05 51 33 13-0016	EA	8-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,261.49	157.55
05 51 33 13-0017	EA	9-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,405.03	162.63
05 51 33 13-0018	EA	10-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,558.46	167.70
05 51 33 13-0019	EA	11-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,647.68	172.79
05 51 33 13-0020	EA	12-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,793.68	177.87
05 51 33 13-0021	EA	13-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,922.41	182.96
05 51 33 13-0022	EA	14-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,090.66	188.04
05 51 33 13-0023	EA	15-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,253.97	193.12
05 51 33 13-0024	EA	16-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,387.63	198.20
05 51 33 13-0025	EA	17-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,550.94	203.28
05 51 33 13-0026	EA	18-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,709.31	208.36
05 51 33 13-0027	EA	19-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,865.21	213.45
05 51 33 13-0028	EA	20-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,149.55	218.53
05 51 33 13-0029	EA	21-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,233.81	223.62
05 51 33 13-0030	EA	22-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,379.83	228.69
05 51 33 13-0031	EA	23-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,513.50	233.77
05 51 33 13-0032	EA	24-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,637.28	238.86
05 51 33 13-0033	EA	25-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,914.21	243.94
05 51 33 13-0034	EA	26-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,062.70	249.03
05 51 33 13-0035	EA	27-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,201.31	254.11

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 13-0036		Welded Stainless Steel Ladder Cages *(05 51 33 13-0013)*		
05 51 33 13-0037	EA	7-1/2' Length, Welded Stainless Steel Ladder Cage	5,001.62	152.46
05 51 33 13-0038	EA	8-1/2' Length, Welded Stainless Steel Ladder Cage	5,344.22	157.55
05 51 33 13-0039	EA	9-1/2' Length, Welded Stainless Steel Ladder Cage	5,915.53	162.63
05 51 33 13-0040	EA	10-1/2' Length, Welded Stainless Steel Ladder Cage	6,196.85	167.70
05 51 33 13-0041	EA	11-1/2' Length, Welded Stainless Steel Ladder Cage	6,433.37	172.79
05 51 33 13-0042	EA	12-1/2' Length, Welded Stainless Steel Ladder Cage	6,747.67	177.87
05 51 33 13-0043	EA	13-1/2' Length, Welded Stainless Steel Ladder Cage	7,314.27	182.96
05 51 33 13-0044	EA	14-1/2' Length, Welded Stainless Steel Ladder Cage	7,600.30	188.04
05 51 33 13-0045	EA	15-1/2' Length, Welded Stainless Steel Ladder Cage	7,895.75	193.12
05 51 33 13-0046	EA	16-1/2' Length, Welded Stainless Steel Ladder Cage	8,219.50	198.20
05 51 33 13-0047	EA	17-1/2' Length, Welded Stainless Steel Ladder Cage	8,797.89	203.28
05 51 33 13-0048	EA	18-1/2' Length, Welded Stainless Steel Ladder Cage	9,086.27	208.36
05 51 33 13-0049	EA	19-1/2' Length, Welded Stainless Steel Ladder Cage	9,360.51	213.45
05 51 33 13-0050	EA	20-1/2' Length, Welded Stainless Steel Ladder Cage	9,816.29	218.53
05 51 33 13-0051	EA	21-1/2' Length, Welded Stainless Steel Ladder Cage	10,328.66	223.62
05 51 33 13-0052	EA	22-1/2' Length, Welded Stainless Steel Ladder Cage	10,612.33	228.69
05 51 33 13-0053	EA	23-1/2' Length, Welded Stainless Steel Ladder Cage	10,903.07	233.77
05 51 33 13-0054	EA	24-1/2' Length, Welded Stainless Steel Ladder Cage	11,174.95	238.86
05 51 33 13-0055	EA	25-1/2' Length, Welded Stainless Steel Ladder Cage	11,875.93	243.94
05 51 33 13-0056	EA	26-1/2' Length, Welded Stainless Steel Ladder Cage	12,147.82	249.03
05 51 33 13-0057	EA	27-1/2' Length, Welded Stainless Steel Ladder Cage	12,426.76	254.11
05 51 33 16		**Inclined Metal Ladders** *(05 51 33)*		
05 51 33 16-0001		Industrial Ship Ladder, Incline Stairs *(05 51 33 16)* Note: Includes factory prime.		
05 51 33 16-0002	RSR	3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side	356.46	50.82
		For Aluminum, Add	*127.41*	
05 51 33 23		**Alternating Tread Ladders** *(05 51 33)*		
05 51 33 23-0001		Vertical Ladders With Alternating Tread *(05 51 33 23)*		
05 51 33 23-0002	EA	4' Vertical Height Aluminum Alternating Tread Ladder	2,225.12	152.46
		For Stainless Steel, Add	*206.03*	
		For Primed Steel, Deduct	*-171.69*	
05 51 33 23-0003	EA	5' Vertical Height Aluminum Alternating Tread Ladder	2,550.44	161.61
		For Stainless Steel, Add	*251.04*	
		For Primed Steel, Deduct	*-195.81*	
05 51 33 23-0004	EA	6' Vertical Height Aluminum Alternating Tread Ladder	2,834.65	161.61
		For Stainless Steel, Add	*298.03*	
		For Primed Steel, Deduct	*-217.79*	
05 51 33 23-0005	EA	7' Vertical Height Aluminum Alternating Tread Ladder	3,233.05	203.08
		For Stainless Steel, Add	*344.98*	
		For Primed Steel, Deduct	*-236.38*	
05 51 33 23-0006	EA	8' Vertical Height Aluminum Alternating Tread Ladder	3,552.51	210.28
		For Stainless Steel, Add	*399.21*	
		For Primed Steel, Deduct	*-256.64*	
05 51 33 23-0007	EA	9' Vertical Height Aluminum Alternating Tread Ladder	3,803.64	210.28
		For Stainless Steel, Add	*449.89*	
		For Primed Steel, Deduct	*-271.48*	
05 51 33 23-0008	EA	10' Vertical Height Aluminum Alternating Tread Ladder	4,176.37	234.56
		For Stainless Steel, Add	*509.18*	
		For Primed Steel, Deduct	*-288.53*	
05 51 33 23-0009	EA	11' Vertical Height Aluminum Alternating Tread Ladder	4,457.74	234.56
		For Stainless Steel, Add	*569.76*	
		For Primed Steel, Deduct	*-303.26*	
05 51 33 23-0010	EA	12' Vertical Height Aluminum Alternating Tread Ladder	4,676.65	234.56
		For Stainless Steel, Add	*623.17*	
		For Primed Steel, Deduct	*-311.58*	

05 52 Metal Railings *(05 50)*

05 52 13 Pipe and Tube Railings *(05 52)*

Note: Includes embedded steel sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

05 52 13 00-0001 Welded Steel Pipe Railing *(05 52 13)*
Note: Includes field welds and touch-up of welds.

05 52 13 00-0002 One Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*
Note: Includes factory primed posts and one rail.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0003	LF	1" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	36.92	10.17
		For Schedule 80 Handrail, Add	*6.83*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-3.65*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-4.15*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-5.47*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-6.47*	
		For Additional Off Set Handrail, ADA Attachment, Add	*14.02*	
		For Aluminum, Satin Finish, Add	*6.97*	
		For Aluminum, Clear Anodized Finish, Add	*10.78*	
		For Aluminum, Dark Anodized Finish, Add	*12.44*	
		For Galvanizing, Add	*6.64*	
		For Wrought Iron, Add	*3.69*	
		For Solid Steel Rails, Add	*7.38*	
		For 304 Stainless Steel, Add	*53.09*	
		For 316 Stainless Steel, Add	*59.72*	
		For 2" Wheel Guard, Add	*1.58*	
		For 4" High Kick Plate, Add	*2.07*	
		For 6" High Kick Plate, Add	*3.32*	
		For Curved Rail, Add	*16.05*	
		For Mounting On Stairs, Add	*11.08*	
		For Mounting On Slopes, Add	*3.69*	
		For Post Base Flange With Screws, Add Per Post	*19.53*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.55*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*13.38*	
		For Nylon Coating, Add	*2.49*	
05 52 13 00-0004	LF	1-1/4" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	39.77	10.17
		For Schedule 80 Handrail, Add	*11.63*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.28*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-4.86*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-6.42*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-7.58*	
		For Additional Off Set Handrail, ADA Attachment, Add	*15.74*	
		For Aluminum, Satin Finish, Add	*8.16*	
		For Aluminum, Clear Anodized Finish, Add	*12.64*	
		For Aluminum, Dark Anodized Finish, Add	*14.58*	
		For Galvanizing, Add	*7.78*	
		For Wrought Iron, Add	*3.98*	
		For Solid Steel Rails, Add	*7.95*	
		For 304 Stainless Steel, Add	*62.21*	
		For 316 Stainless Steel, Add	*69.98*	
		For 2" Wheel Guard, Add	*1.85*	
		For 4" High Kick Plate, Add	*2.43*	
		For 6" High Kick Plate, Add	*3.89*	
		For Curved Rail, Add	*17.76*	
		For Mounting On Stairs, Add	*11.93*	
		For Mounting On Slopes, Add	*3.98*	
		For Post Base Flange With Screws, Add Per Post	*19.53*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.55*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*14.80*	
		For Nylon Coating, Add	*2.92*	
05 52 13 00-0005	LF	1-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	42.63	10.17
		For Schedule 80 Handrail, Add	*11.63*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.91*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.58*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.36*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.70*	
		For Additional Off Set Handrail, ADA Attachment, Add	*17.45*	
		For Aluminum, Satin Finish, Add	*9.37*	
		For Aluminum, Clear Anodized Finish, Add	*14.50*	
		For Aluminum, Dark Anodized Finish, Add	*16.73*	
		For Galvanizing, Add	*8.92*	
		For Wrought Iron, Add	*4.26*	
		For Solid Steel Rails, Add	*8.53*	
		For 304 Stainless Steel, Add	*71.36*	
		For 316 Stainless Steel, Add	*80.28*	
		For 2" Wheel Guard, Add	*2.12*	
		For 4" High Kick Plate, Add	*2.79*	
		For 6" High Kick Plate, Add	*4.46*	
		For Curved Rail, Add	*19.48*	
		For Mounting On Stairs, Add	*12.79*	
		For Mounting On Slopes, Add	*4.26*	
		For Post Base Flange With Screws, Add Per Post	*19.53*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.55*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*16.23*	
		For Nylon Coating, Add	*3.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0006	LF	2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	47.59	10.17
		For Schedule 80 Handrail, Add	*13.57*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.00*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-6.82*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.00*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-10.63*	
		For Additional Off Set Handrail, ADA Attachment, Add	*20.42*	
		For Aluminum, Satin Finish, Add	*11.45*	
		For Aluminum, Clear Anodized Finish, Add	*17.72*	
		For Aluminum, Dark Anodized Finish, Add	*20.45*	
		For Galvanizing, Add	*10.90*	
		For Wrought Iron, Add	*4.76*	
		For Solid Steel Rails, Add	*9.52*	
		For 304 Stainless Steel, Add	*87.23*	
		For 316 Stainless Steel, Add	*98.14*	
		For 2" Wheel Guard, Add	*2.59*	
		For 4" High Kick Plate, Add	*3.41*	
		For 6" High Kick Plate, Add	*5.45*	
		For Curved Rail, Add	*22.46*	
		For Mounting On Stairs, Add	*14.28*	
		For Mounting On Slopes, Add	*4.76*	
		For Post Base Flange With Screws, Add Per Post	*19.53*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.55*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*18.71*	
		For Nylon Coating, Add	*4.09*	
05 52 13 00-0007	LF	2-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	53.53	10.17
		For Schedule 80 Handrail, Add	*15.53*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.30*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.30*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.96*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.95*	
		For Additional Off Set Handrail, ADA Attachment, Add	*23.99*	
		For Aluminum, Satin Finish, Add	*13.94*	
		For Aluminum, Clear Anodized Finish, Add	*21.58*	
		For Aluminum, Dark Anodized Finish, Add	*24.90*	
		For Galvanizing, Add	*13.28*	
		For Wrought Iron, Add	*5.35*	
		For Solid Steel Rails, Add	*10.71*	
		For 304 Stainless Steel, Add	*106.24*	
		For 316 Stainless Steel, Add	*119.52*	
		For 2" Wheel Guard, Add	*3.15*	
		For 4" High Kick Plate, Add	*4.15*	
		For 6" High Kick Plate, Add	*6.64*	
		For Curved Rail, Add	*26.02*	
		For Mounting On Stairs, Add	*16.06*	
		For Mounting On Slopes, Add	*5.35*	
		For Post Base Flange With Screws, Add Per Post	*19.53*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.55*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*21.68*	
		For Nylon Coating, Add	*4.98*	

05 52 13 00-0008 Two Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and two rails.

05 52 13 00-0009	LF	1" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	49.36	10.17
		For Schedule 80 Handrail, Add	*6.83*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.39*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.26*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.58*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.32*	
		For Additional Off Set Handrail, ADA Attachment, Add	*14.02*	
		For Aluminum, Satin Finish, Add	*12.19*	
		For Aluminum, Clear Anodized Finish, Add	*18.87*	
		For Aluminum, Dark Anodized Finish, Add	*21.77*	
		For Galvanizing, Add	*11.61*	
		For Wrought Iron, Add	*4.94*	
		For Solid Steel Rails, Add	*9.87*	
		For 304 Stainless Steel, Add	*92.90*	
		For 316 Stainless Steel, Add	*104.51*	
		For 2" Wheel Guard, Add	*2.76*	
		For 4" High Kick Plate, Add	*3.63*	
		For 6" High Kick Plate, Add	*5.81*	
		For Curved Rail, Add	*23.52*	
		For Mounting On Stairs, Add	*14.81*	
		For Mounting On Slopes, Add	*4.94*	
		For Post Base Flange With Screws, Add Per Post	*19.53*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.55*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*19.60*	
		For Nylon Coating, Add	*4.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0010	LF	1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	54.36	10.17
		For Schedule 80 Handrail, Add	*11.63*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.49*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.51*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-11.23*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-13.27*	
		For Additional Off Set Handrail, ADA Attachment, Add	*15.74*	
		For Aluminum, Satin Finish, Add	*14.29*	
		For Aluminum, Clear Anodized Finish, Add	*22.12*	
		For Aluminum, Dark Anodized Finish, Add	*25.52*	
		For Galvanizing, Add	*13.61*	
		For Wrought Iron, Add	*5.44*	
		For Solid Steel Rails, Add	*10.87*	
		For 304 Stainless Steel, Add	*108.90*	
		For 316 Stainless Steel, Add	*122.51*	
		For 2" Wheel Guard, Add	*3.23*	
		For 4" High Kick Plate, Add	*4.25*	
		For 6" High Kick Plate, Add	*6.81*	
		For Curved Rail, Add	*26.52*	
		For Mounting On Stairs, Add	*16.31*	
		For Mounting On Slopes, Add	*5.44*	
		For Post Base Flange With Screws, Add Per Post	*19.53*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.55*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*22.10*	
		For Nylon Coating, Add	*5.10*	
05 52 13 00-0011	LF	1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	59.36	10.17
		For Schedule 80 Handrail, Add	*11.63*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.59*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.76*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.88*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-15.22*	
		For Additional Off Set Handrail, ADA Attachment, Add	*17.45*	
		For Aluminum, Satin Finish, Add	*16.39*	
		For Aluminum, Clear Anodized Finish, Add	*25.37*	
		For Aluminum, Dark Anodized Finish, Add	*29.27*	
		For Galvanizing, Add	*15.61*	
		For Wrought Iron, Add	*5.94*	
		For Solid Steel Rails, Add	*11.87*	
		For 304 Stainless Steel, Add	*124.90*	
		For 316 Stainless Steel, Add	*140.51*	
		For 2" Wheel Guard, Add	*3.71*	
		For 4" High Kick Plate, Add	*4.88*	
		For 6" High Kick Plate, Add	*7.81*	
		For Curved Rail, Add	*29.52*	
		For Mounting On Stairs, Add	*17.81*	
		For Mounting On Slopes, Add	*5.94*	
		For Post Base Flange With Screws, Add Per Post	*19.53*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.55*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*24.60*	
		For Nylon Coating, Add	*5.85*	
05 52 13 00-0012	LF	2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	68.03	10.17
		For Schedule 80 Handrail, Add	*13.57*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-10.49*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-11.93*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-15.74*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-18.60*	
		For Additional Off Set Handrail, ADA Attachment, Add	*20.42*	
		For Aluminum, Satin Finish, Add	*20.03*	
		For Aluminum, Clear Anodized Finish, Add	*31.01*	
		For Aluminum, Dark Anodized Finish, Add	*35.78*	
		For Galvanizing, Add	*19.08*	
		For Wrought Iron, Add	*6.80*	
		For Solid Steel Rails, Add	*13.61*	
		For 304 Stainless Steel, Add	*152.64*	
		For 316 Stainless Steel, Add	*171.72*	
		For 2" Wheel Guard, Add	*4.53*	
		For 4" High Kick Plate, Add	*5.96*	
		For 6" High Kick Plate, Add	*9.54*	
		For Curved Rail, Add	*34.72*	
		For Mounting On Stairs, Add	*20.41*	
		For Mounting On Slopes, Add	*6.80*	
		For Post Base Flange With Screws, Add Per Post	*19.53*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.55*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*28.93*	
		For Nylon Coating, Add	*7.16*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0013		LF	2-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	78.42	10.17
			For Schedule 80 Handrail, Add	*15.53*	
			For 11 Gauge A513 Steel Tubing, Deduct	*-12.78*	
			For 12 Gauge A513 Steel Tubing, Deduct	*-14.52*	
			For 14 Gauge A513 Steel Tubing, Deduct	*-19.17*	
			For 16 Gauge A513 Steel Tubing, Deduct	*-22.66*	
			For Additional Off Set Handrail, ADA Attachment, Add	*23.99*	
			For Aluminum, Satin Finish, Add	*24.40*	
			For Aluminum, Clear Anodized Finish, Add	*37.76*	
			For Aluminum, Dark Anodized Finish, Add	*43.57*	
			For Galvanizing, Add	*23.24*	
			For Wrought Iron, Add	*7.84*	
			For Solid Steel Rails, Add	*15.68*	
			For 304 Stainless Steel, Add	*185.89*	
			For 316 Stainless Steel, Add	*209.12*	
			For 2" Wheel Guard, Add	*5.52*	
			For 4" High Kick Plate, Add	*7.26*	
			For 6" High Kick Plate, Add	*11.62*	
			For Curved Rail, Add	*40.95*	
			For Mounting On Stairs, Add	*23.53*	
			For Mounting On Slopes, Add	*7.84*	
			For Post Base Flange With Screws, Add Per Post	*19.53*	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.55*	
			For Custom Design Or Shapes (Square Tops, etc), Add	*34.13*	
			For Nylon Coating, Add	*8.71*	
05 52 13 00-0014			Three Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*		
			Note: Includes factory primed posts and three rails.		
05 52 13 00-0015		LF	1" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	77.73	12.20
			For Schedule 80 Handrail, Add	*9.64*	
			For 11 Gauge A513 Steel Tubing, Deduct	*-11.73*	
			For 12 Gauge A513 Steel Tubing, Deduct	*-13.34*	
			For 14 Gauge A513 Steel Tubing, Deduct	*-17.60*	
			For 16 Gauge A513 Steel Tubing, Deduct	*-20.80*	
			For Additional Off Set Handrail, ADA Attachment, Add	*14.83*	
			For Aluminum, Satin Finish, Add	*22.40*	
			For Aluminum, Clear Anodized Finish, Add	*34.67*	
			For Aluminum, Dark Anodized Finish, Add	*40.01*	
			For Galvanizing, Add	*21.34*	
			For Wrought Iron, Add	*7.77*	
			For Solid Steel Rails, Add	*15.55*	
			For 304 Stainless Steel, Add	*170.69*	
			For 316 Stainless Steel, Add	*192.02*	
			For 2" Wheel Guard, Add	*5.07*	
			For 4" High Kick Plate, Add	*6.67*	
			For 6" High Kick Plate, Add	*10.67*	
			For Curved Rail, Add	*39.32*	
			For Mounting On Stairs, Add	*23.32*	
			For Mounting On Slopes, Add	*7.77*	
			For Post Base Flange With Screws, Add Per Post	*19.94*	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
			For Custom Design Or Shapes (Square Tops, etc), Add	*32.77*	
			For Nylon Coating, Add	*8.00*	
05 52 13 00-0016		LF	1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	86.91	12.20
			For Schedule 80 Handrail, Add	*16.03*	
			For 11 Gauge A513 Steel Tubing, Deduct	*-13.75*	
			For 12 Gauge A513 Steel Tubing, Deduct	*-15.63*	
			For 14 Gauge A513 Steel Tubing, Deduct	*-20.63*	
			For 16 Gauge A513 Steel Tubing, Deduct	*-24.38*	
			For Additional Off Set Handrail, ADA Attachment, Add	*16.55*	
			For Aluminum, Satin Finish, Add	*26.26*	
			For Aluminum, Clear Anodized Finish, Add	*40.64*	
			For Aluminum, Dark Anodized Finish, Add	*46.89*	
			For Galvanizing, Add	*25.01*	
			For Wrought Iron, Add	*8.69*	
			For Solid Steel Rails, Add	*17.38*	
			For 304 Stainless Steel, Add	*200.06*	
			For 316 Stainless Steel, Add	*225.07*	
			For 2" Wheel Guard, Add	*5.94*	
			For 4" High Kick Plate, Add	*7.82*	
			For 6" High Kick Plate, Add	*12.50*	
			For Curved Rail, Add	*44.83*	
			For Mounting On Stairs, Add	*26.07*	
			For Mounting On Slopes, Add	*8.69*	
			For Post Base Flange With Screws, Add Per Post	*19.94*	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
			For Custom Design Or Shapes (Square Tops, etc), Add	*37.36*	
			For Nylon Coating, Add	*9.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0017	LF	1-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	96.09	12.20
		For Schedule 80 Handrail, Add	*16.03*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-15.77*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-17.93*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-23.66*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-27.96*	
		For Additional Off Set Handrail, ADA Attachment, Add	*18.26*	
		For Aluminum, Satin Finish, Add	*30.11*	
		For Aluminum, Clear Anodized Finish, Add	*46.61*	
		For Aluminum, Dark Anodized Finish, Add	*53.78*	
		For Galvanizing, Add	*28.68*	
		For Wrought Iron, Add	*9.61*	
		For Solid Steel Rails, Add	*19.22*	
		For 304 Stainless Steel, Add	*229.44*	
		For 316 Stainless Steel, Add	*258.12*	
		For 2" Wheel Guard, Add	*6.81*	
		For 4" High Kick Plate, Add	*8.96*	
		For 6" High Kick Plate, Add	*14.34*	
		For Curved Rail, Add	*50.34*	
		For Mounting On Stairs, Add	*28.83*	
		For Mounting On Slopes, Add	*9.61*	
		For Post Base Flange With Screws, Add Per Post	*19.94*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*41.95*	
		For Nylon Coating, Add	*10.76*	
05 52 13 00-0018	LF	2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	112.06	12.20
		For Schedule 80 Handrail, Add	*18.61*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-19.29*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-21.92*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-28.93*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-34.19*	
		For Additional Off Set Handrail, ADA Attachment, Add	*21.23*	
		For Aluminum, Satin Finish, Add	*36.82*	
		For Aluminum, Clear Anodized Finish, Add	*56.99*	
		For Aluminum, Dark Anodized Finish, Add	*65.75*	
		For Galvanizing, Add	*35.07*	
		For Wrought Iron, Add	*11.21*	
		For Solid Steel Rails, Add	*22.41*	
		For 304 Stainless Steel, Add	*280.54*	
		For 316 Stainless Steel, Add	*315.61*	
		For 2" Wheel Guard, Add	*8.33*	
		For 4" High Kick Plate, Add	*10.96*	
		For 6" High Kick Plate, Add	*17.53*	
		For Curved Rail, Add	*59.92*	
		For Mounting On Stairs, Add	*33.62*	
		For Mounting On Slopes, Add	*11.21*	
		For Post Base Flange With Screws, Add Per Post	*19.94*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*49.93*	
		For Nylon Coating, Add	*13.15*	
05 52 13 00-0019	LF	2-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	131.06	12.20
		For Schedule 80 Handrail, Add	*21.23*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-23.47*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-26.67*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-35.20*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-41.60*	
		For Additional Off Set Handrail, ADA Attachment, Add	*24.80*	
		For Aluminum, Satin Finish, Add	*44.80*	
		For Aluminum, Clear Anodized Finish, Add	*69.34*	
		For Aluminum, Dark Anodized Finish, Add	*80.00*	
		For Galvanizing, Add	*42.67*	
		For Wrought Iron, Add	*13.11*	
		For Solid Steel Rails, Add	*26.21*	
		For 304 Stainless Steel, Add	*341.34*	
		For 316 Stainless Steel, Add	*384.01*	
		For 2" Wheel Guard, Add	*10.13*	
		For 4" High Kick Plate, Add	*13.33*	
		For 6" High Kick Plate, Add	*21.33*	
		For Curved Rail, Add	*71.32*	
		For Mounting On Stairs, Add	*39.32*	
		For Mounting On Slopes, Add	*13.11*	
		For Post Base Flange With Screws, Add Per Post	*19.94*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.16*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*59.43*	
		For Nylon Coating, Add	*16.00*	

05 52 13 00-0020 Four Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*
Note: Includes factory primed posts and four rails.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0021	LF	1" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	93.92	14.23
		For Schedule 80 Handrail, Add	*12.69*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-14.40*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-16.37*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-21.60*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-25.53*	
		For Additional Off Set Handrail, ADA Attachment, Add	*15.64*	
		For Aluminum, Satin Finish, Add	*27.49*	
		For Aluminum, Clear Anodized Finish, Add	*42.55*	
		For Aluminum, Dark Anodized Finish, Add	*49.10*	
		For Galvanizing, Add	*26.18*	
		For Wrought Iron, Add	*9.39*	
		For Solid Steel Rails, Add	*18.78*	
		For 304 Stainless Steel, Add	*209.47*	
		For 316 Stainless Steel, Add	*235.66*	
		For 2" Wheel Guard, Add	*6.22*	
		For 4" High Kick Plate, Add	*8.18*	
		For 6" High Kick Plate, Add	*13.09*	
		For Curved Rail, Add	*47.81*	
		For Mounting On Stairs, Add	*28.18*	
		For Mounting On Slopes, Add	*9.39*	
		For Post Base Flange With Screws, Add Per Post	*20.35*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.77*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*39.85*	
		For Nylon Coating, Add	*9.82*	
05 52 13 00-0022	LF	1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	102.07	14.23
		For Schedule 80 Handrail, Add	*20.68*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-16.19*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-18.40*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-24.29*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-28.71*	
		For Additional Off Set Handrail, ADA Attachment, Add	*17.36*	
		For Aluminum, Satin Finish, Add	*30.92*	
		For Aluminum, Clear Anodized Finish, Add	*47.85*	
		For Aluminum, Dark Anodized Finish, Add	*55.21*	
		For Galvanizing, Add	*29.44*	
		For Wrought Iron, Add	*10.21*	
		For Solid Steel Rails, Add	*20.41*	
		For 304 Stainless Steel, Add	*235.55*	
		For 316 Stainless Steel, Add	*265.00*	
		For 2" Wheel Guard, Add	*6.99*	
		For 4" High Kick Plate, Add	*9.20*	
		For 6" High Kick Plate, Add	*14.72*	
		For Curved Rail, Add	*52.70*	
		For Mounting On Stairs, Add	*30.62*	
		For Mounting On Slopes, Add	*10.21*	
		For Post Base Flange With Screws, Add Per Post	*20.35*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.77*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*43.92*	
		For Nylon Coating, Add	*11.04*	
05 52 13 00-0023	LF	1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	110.23	14.23
		For Schedule 80 Handrail, Add	*20.68*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-17.99*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-20.44*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-26.98*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-31.89*	
		For Additional Off Set Handrail, ADA Attachment, Add	*19.07*	
		For Aluminum, Satin Finish, Add	*34.34*	
		For Aluminum, Clear Anodized Finish, Add	*53.15*	
		For Aluminum, Dark Anodized Finish, Add	*61.33*	
		For Galvanizing, Add	*32.71*	
		For Wrought Iron, Add	*11.02*	
		For Solid Steel Rails, Add	*22.05*	
		For 304 Stainless Steel, Add	*261.66*	
		For 316 Stainless Steel, Add	*294.37*	
		For 2" Wheel Guard, Add	*7.77*	
		For 4" High Kick Plate, Add	*10.22*	
		For 6" High Kick Plate, Add	*16.35*	
		For Curved Rail, Add	*57.60*	
		For Mounting On Stairs, Add	*33.07*	
		For Mounting On Slopes, Add	*11.02*	
		For Post Base Flange With Screws, Add Per Post	*20.35*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.77*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*48.00*	
		For Nylon Coating, Add	*12.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0024	LF	2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	128.39	14.23
		For Schedule 80 Handrail, Add	*23.91*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-21.98*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-24.98*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-32.98*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-38.97*	
		For Additional Off Set Handrail, ADA Attachment, Add	*22.04*	
		For Aluminum, Satin Finish, Add	*41.97*	
		For Aluminum, Clear Anodized Finish, Add	*64.95*	
		For Aluminum, Dark Anodized Finish, Add	*74.95*	
		For Galvanizing, Add	*39.97*	
		For Wrought Iron, Add	*12.84*	
		For Solid Steel Rails, Add	*25.68*	
		For 304 Stainless Steel, Add	*319.78*	
		For 316 Stainless Steel, Add	*359.75*	
		For 2" Wheel Guard, Add	*9.49*	
		For 4" High Kick Plate, Add	*12.49*	
		For 6" High Kick Plate, Add	*19.99*	
		For Curved Rail, Add	*68.50*	
		For Mounting On Stairs, Add	*38.52*	
		For Mounting On Slopes, Add	*12.84*	
		For Post Base Flange With Screws, Add Per Post	*20.35*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.77*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*57.08*	
		For Nylon Coating, Add	*14.99*	
05 52 13 00-0025	LF	2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	149.68	14.23
		For Schedule 80 Handrail, Add	*27.18*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-26.67*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-30.31*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-40.00*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-47.28*	
		For Additional Off Set Handrail, ADA Attachment, Add	*25.61*	
		For Aluminum, Satin Finish, Add	*50.91*	
		For Aluminum, Clear Anodized Finish, Add	*78.79*	
		For Aluminum, Dark Anodized Finish, Add	*90.92*	
		For Galvanizing, Add	*48.49*	
		For Wrought Iron, Add	*14.97*	
		For Solid Steel Rails, Add	*29.94*	
		For 304 Stainless Steel, Add	*387.90*	
		For 316 Stainless Steel, Add	*436.39*	
		For 2" Wheel Guard, Add	*11.52*	
		For 4" High Kick Plate, Add	*15.15*	
		For 6" High Kick Plate, Add	*24.24*	
		For Curved Rail, Add	*81.27*	
		For Mounting On Stairs, Add	*44.90*	
		For Mounting On Slopes, Add	*14.97*	
		For Post Base Flange With Screws, Add Per Post	*20.35*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.77*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*67.73*	
		For Nylon Coating, Add	*18.18*	
05 52 13 00-0026		Railing Infill Panels *(05 52 13)*		
		Note: Includes field welds and touch-up of welds.		
05 52 13 00-0027		Wire Mesh Or Welded Wire Mesh, Railing Infill Panels *(05 52 13 00-0026)*		
		Note: Square weave or square welded wire mesh.		
05 52 13 00-0028	SF	Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	14.32	
05 52 13 00-0029	SF	Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	15.20	
05 52 13 00-0030	SF	Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	15.99	
05 52 13 00-0031	SF	Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	27.03	
05 52 13 00-0032		Perforated Metal, Railing Infill Panels *(05 52 13 00-0026)*		
05 52 13 00-0033	SF	Powder Coated Steel, Perforated Metal, Railing Infill Panel	14.04	
05 52 13 00-0034	SF	Galvanized Steel, Perforated Metal, Railing Infill Panel	14.52	
05 52 13 00-0035	SF	Aluminum, Perforated Metal, Railing Infill Panel	15.54	
05 52 13 00-0036	SF	Stainless Steel, Perforated Metal, Railing Infill Panel	31.19	
05 52 13 00-0037		Expanded Metal, Railing Infill Panels *(05 52 13 00-0026)*		
05 52 13 00-0038	SF	Powder Coated Steel, Expanded Metal, Railing Infill Panel	6.34	
05 52 13 00-0039	SF	Galvanized Steel, Expanded Metal, Railing Infill Panel	12.94	
05 52 13 00-0040	SF	Aluminum, Expanded Metal, Railing Infill Panel	17.00	
05 52 13 00-0041	SF	Stainless Steel, Expanded Metal, Railing Infill Panel	25.34	
05 52 13 00-0042		Railing Accessories *(05 52 13)*		
05 52 13 00-0043	EA	Anti-Skateboard Devise Attached To Stair Railing	42.75	18.90
05 52 13 00-0044		Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*		
		Note: Includes factory primed, fasteners and field touch-up of welds.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0045	LF	1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	37.46	6.10
		For Schedule 80 Handrail, Add	*3.20*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.89*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.56*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.33*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.67*	
		For Stainless Steel, Add	*44.44*	
		For Aluminum, Satin Finish, Add	*9.33*	
		For Curved Rail, Add	*11.24*	
		For Aluminum, Clear Anodized Finish, Add	*14.44*	
		For Aluminum, Dark Anodized Finish, Add	*16.67*	
		For Galvanized Finish, Add	*6.67*	
05 52 13 00-0046	LF	1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	38.18	6.10
		For Schedule 80 Handrail, Add	*3.99*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.05*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.74*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.57*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.95*	
		For Stainless Steel, Add	*45.88*	
		For Aluminum, Satin Finish, Add	*9.63*	
		For Curved Rail, Add	*11.45*	
		For Aluminum, Clear Anodized Finish, Add	*14.91*	
		For Aluminum, Dark Anodized Finish, Add	*17.21*	
		For Galvanized Finish, Add	*6.88*	
05 52 13 00-0047	LF	1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	38.89	6.10
		For Schedule 80 Handrail, Add	*14.65*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.20*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.91*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.80*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-9.22*	
		For Stainless Steel, Add	*47.30*	
		For Aluminum, Satin Finish, Add	*9.93*	
		For Curved Rail, Add	*11.67*	
		For Aluminum, Clear Anodized Finish, Add	*15.37*	
		For Aluminum, Dark Anodized Finish, Add	*17.74*	
		For Galvanized Finish, Add	*7.10*	
05 52 13 00-0048	LF	2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	47.14	6.10
		For Schedule 80 Handrail, Add	*5.45*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.02*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.98*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.53*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.44*	
		For Stainless Steel, Add	*63.80*	
		For Aluminum, Satin Finish, Add	*13.40*	
		For Curved Rail, Add	*14.14*	
		For Aluminum, Clear Anodized Finish, Add	*20.74*	
		For Aluminum, Dark Anodized Finish, Add	*23.93*	
		For Galvanized Finish, Add	*9.57*	
05 52 13 00-0049	LF	2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	53.94	6.10
		For Schedule 80 Handrail, Add	*6.10*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.51*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.68*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.77*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-15.09*	
		For Stainless Steel, Add	*77.40*	
		For Aluminum, Satin Finish, Add	*16.25*	
		For Curved Rail, Add	*16.18*	
		For Aluminum, Clear Anodized Finish, Add	*25.16*	
		For Aluminum, Dark Anodized Finish, Add	*29.03*	
		For Galvanized Finish, Add	*11.61*	

05 52 13 00-0050 Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

05 52 13 00-0051	LF	1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	45.88	6.41
		For Schedule 80 Handrail, Add	*3.20*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.74*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.66*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.11*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.95*	
		For Stainless Steel, Add	*61.28*	
		For Aluminum, Satin Finish, Add	*12.87*	
		For Curved Rail, Add	*13.76*	
		For Aluminum, Clear Anodized Finish, Add	*19.92*	
		For Aluminum, Dark Anodized Finish, Add	*22.98*	
		For Galvanized Finish, Add	*9.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0052	LF	1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	46.88	6.41
		For Schedule 80 Handrail, Add	*3.99*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.96*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.91*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.44*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.34*	
		For Stainless Steel, Add	*63.28*	
		For Aluminum, Satin Finish, Add	*13.29*	
		For Curved Rail, Add	*14.06*	
		For Aluminum, Clear Anodized Finish, Add	*20.57*	
		For Aluminum, Dark Anodized Finish, Add	*23.73*	
		For Galvanized Finish, Add	*9.49*	
05 52 13 00-0053	LF	1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	47.64	6.41
		For Schedule 80 Handrail, Add	*14.65*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.13*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.10*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.69*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.64*	
		For Stainless Steel, Add	*64.80*	
		For Aluminum, Satin Finish, Add	*13.61*	
		For Curved Rail, Add	*14.29*	
		For Aluminum, Clear Anodized Finish, Add	*21.06*	
		For Aluminum, Dark Anodized Finish, Add	*24.30*	
		For Galvanized Finish, Add	*9.72*	
05 52 13 00-0054	LF	2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	59.14	6.41
		For Schedule 80 Handrail, Add	*5.45*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-9.66*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-10.98*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-14.49*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-17.12*	
		For Stainless Steel, Add	*87.80*	
		For Aluminum, Satin Finish, Add	*18.44*	
		For Curved Rail, Add	*17.74*	
		For Aluminum, Clear Anodized Finish, Add	*28.54*	
		For Aluminum, Dark Anodized Finish, Add	*32.93*	
		For Galvanized Finish, Add	*13.17*	
05 52 13 00-0055	LF	2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	66.67	6.41
		For Schedule 80 Handrail, Add	*6.10*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-11.31*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-12.86*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-16.97*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-20.06*	
		For Stainless Steel, Add	*102.86*	
		For Aluminum, Satin Finish, Add	*21.60*	
		For Curved Rail, Add	*20.00*	
		For Aluminum, Clear Anodized Finish, Add	*33.43*	
		For Aluminum, Dark Anodized Finish, Add	*38.57*	
		For Galvanized Finish, Add	*15.43*	

05 52 13 00-0056 Remove And Reinstall Pipe Railing *(05 52 13)*

05 52 13 00-0057	LF	Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing	22.87	
05 52 13 00-0058	LF	Removal And Reinstallation Of Floor Mounted Pipe Railing	30.77	
05 52 13 00-0059	EA	Install New Galvanized Steel Pipe Railing Bracket	61.97	
		For Stainless Steel, Add	*62.96*	

05 52 13 00-0060 Non-Welded Aluminum Railing *(05 52 13)*

05 52 13 00-0061 One Rail, Up To 43" High, Non-Welded Aluminum Pipe Railings *(05 52 13 00-0060)*

Note: Includes one rail.

05 52 13 00-0062	LF	1-1/2" Diameter, 43" High, Schedule 40, Non-Welded, Clear Anodized Finish, Aluminum Railing Assembly With One Horizontal Line Note: Includes railing, posts with reinforcement rod, #508 floor cover flanges, #540 side cover flange, #506 mitered elbows, #513 rail elbow and #530 rail end loops. Excludes concrete core drilling or partching.	113.22	15.68

05 53 Metal Gratings *(05 50)*

05 53 13 Bar Gratings *(05 53)*

05 53 13 00-0001 Welded Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.

05 53 13 00-0002 Steel, Welded Grating *(05 53 13 00-0001)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0003	SF	3/4" x 1/8" Steel, Welded Grating	14.19	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.03*	
		For 304 Stainless Steel, Add	*38.36*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*3.49*	
		For Crossbars At 2" On-Center, Add	*1.29*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.80*	
05 53 13 00-0004	SF	3/4" x 3/16" Steel, Welded Grating	19.14	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.87*	
		For 304 Stainless Steel, Add	*54.25*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.93*	
		For Crossbars At 2" On-Center, Add	*1.83*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.92*	
05 53 13 00-0005	SF	1" x 1/8" Steel, Welded Grating	17.37	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.57*	
		For 304 Stainless Steel, Add	*48.57*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.42*	
		For Crossbars At 2" On-Center, Add	*1.63*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.88*	
05 53 13 00-0006	SF	1" x 3/16" Steel, Welded Grating	24.09	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.71*	
		For 304 Stainless Steel, Add	*70.14*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*6.38*	
		For Crossbars At 2" On-Center, Add	*2.36*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.05*	
05 53 13 00-0007	SF	1" x 1/4" Steel, Welded Grating	30.81	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.86*	
		For 304 Stainless Steel, Add	*91.71*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*8.34*	
		For Crossbars At 2" On-Center, Add	*3.09*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.22*	
05 53 13 00-0008	SF	1-1/4" x 1/8" Steel, Welded Grating	20.59	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.12*	
		For 304 Stainless Steel, Add	*58.90*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*5.36*	
		For Crossbars At 2" On-Center, Add	*1.98*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.96*	
05 53 13 00-0009	SF	1-1/4" x 3/16" Steel, Welded Grating	28.76	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.51*	
		For 304 Stainless Steel, Add	*85.13*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.74*	
		For Crossbars At 2" On-Center, Add	*2.86*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.16*	
05 53 13 00-0010	SF	1-1/2" x 1/8" Steel, Welded Grating	23.81	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.67*	
		For 304 Stainless Steel, Add	*69.24*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*6.30*	
		For Crossbars At 2" On-Center, Add	*2.33*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.04*	
05 53 13 00-0011	SF	1-1/2" x 3/16" Steel, Welded Grating	34.17	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.34*	
		For 304 Stainless Steel, Add	*100.89*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.18*	
		For Crossbars At 2" On-Center, Add	*3.39*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0012	SF	1-1/2" x 1/4" Steel, Welded Grating	44.39	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.08*	
		For 304 Stainless Steel, Add	*133.70*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*12.16*	
		For Crossbars At 2" On-Center, Add	*4.50*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.88*	
05 53 13 00-0013	SF	1-3/4" x 3/16" Steel, Welded Grating	39.16	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.19*	
		For 304 Stainless Steel, Add	*116.91*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*10.63*	
		For Crossbars At 2" On-Center, Add	*3.93*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.75*	
05 53 13 00-0014	SF	2" x 3/16" Steel, Welded Grating	43.82	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.98*	
		For 304 Stainless Steel, Add	*131.87*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*12.00*	
		For Crossbars At 2" On-Center, Add	*4.44*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.86*	
05 53 13 00-0015	SF	2-1/4" x 3/16" Steel, Welded Grating	48.77	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.83*	
		For 304 Stainless Steel, Add	*147.76*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*13.44*	
		For Crossbars At 2" On-Center, Add	*4.97*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.99*	
05 53 13 00-0016	SF	2-1/2" x 3/16" Steel, Welded Grating	53.44	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*8.62*	
		For 304 Stainless Steel, Add	*162.75*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*14.80*	
		For Crossbars At 2" On-Center, Add	*5.48*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.10*	

05 53 13 00-0017 Pressure Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.

05 53 13 00-0018 Steel, Pressure Locked Grating *(05 53 13 00-0017)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0019	SF	3/4" x 1/8" Steel, Pressure Locked Grating	27.17	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.09*	
		For 304 Stainless Steel, Add	*46.64*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.28*	
		For Crossbars At 2" On-Center, Add	*2.69*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.12*	
05 53 13 00-0020	SF	3/4" x 3/16" Steel, Pressure Locked Grating	33.53	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.13*	
		For 304 Stainless Steel, Add	*58.54*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.14*	
		For Crossbars At 2" On-Center, Add	*3.38*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.28*	
05 53 13 00-0021	SF	1" x 1/8" Steel, Pressure Locked Grating	29.89	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.53*	
		For 304 Stainless Steel, Add	*51.73*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*8.07*	
		For Crossbars At 2" On-Center, Add	*2.99*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0022	SF	1" x 3/16" Steel, Pressure Locked Grating	40.81	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.33*	
		For 304 Stainless Steel, Add	*72.16*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	*55.93*	
		For Bearing Bars At 15/16" On-Center, Add	*11.26*	
		For Crossbars At 2" On-Center, Add	*4.17*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.47*	
05 53 13 00-0023	SF	1-1/4" x 1/8" Steel, Pressure Locked Grating	33.53	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.13*	
		For 304 Stainless Steel, Add	*58.54*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.14*	
		For Crossbars At 2" On-Center, Add	*3.38*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.28*	
05 53 13 00-0024	SF	1-1/4" x 3/16" Steel, Pressure Locked Grating	45.87	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.16*	
		For 304 Stainless Steel, Add	*81.63*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*12.74*	
		For Crossbars At 2" On-Center, Add	*4.71*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.59*	
05 53 13 00-0025	SF	1-1/2" x 1/8" Steel, Pressure Locked Grating	37.35	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.76*	
		For 304 Stainless Steel, Add	*65.69*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*10.25*	
		For Crossbars At 2" On-Center, Add	*3.79*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.38*	
05 53 13 00-0026	SF	1-1/2" x 3/16" Steel, Pressure Locked Grating	51.67	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*8.02*	
		For 304 Stainless Steel, Add	*91.55*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	*70.95*	
		For Bearing Bars At 15/16" On-Center, Add	*14.29*	
		For Crossbars At 2" On-Center, Add	*5.28*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.06*	
05 53 13 00-0027	SF	1-3/4" x 3/16" Steel, Pressure Locked Grating	57.01	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*8.90*	
		For 304 Stainless Steel, Add	*101.54*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*15.85*	
		For Crossbars At 2" On-Center, Add	*5.86*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.19*	
05 53 13 00-0028	SF	2" x 3/16" Steel, Pressure Locked Grating	61.36	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*9.61*	
		For 304 Stainless Steel, Add	*109.68*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*17.12*	
		For Crossbars At 2" On-Center, Add	*6.33*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.30*	
05 53 13 00-0029	SF	2-1/4" x 3/16" Steel, Pressure Locked Grating	65.53	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*10.30*	
		For 304 Stainless Steel, Add	*117.48*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*18.33*	
		For Crossbars At 2" On-Center, Add	*6.78*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.41*	
05 53 13 00-0030	SF	2-1/2" x 3/16" Steel, Pressure Locked Grating	69.14	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*10.89*	
		For 304 Stainless Steel, Add	*124.23*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*19.39*	
		For Crossbars At 2" On-Center, Add	*7.17*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.50*	

05 53 13 00-0031 Aluminum, Type 6063, Pressure Locked Grating *(05 53 13 00-0017)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0032	SF	3/4" x 1/8" Aluminum, Pressure Locked Grating	16.94	1.12
		For Bearing Bars At 15/16" On-Center, Add	*4.29*	
		For Crossbars At 2" On-Center, Add	*1.59*	
		For Set In Place Without Bolting, Deduct	*-1.87*	
		For Powder Coating, Add	*2.21*	
05 53 13 00-0033	SF	3/4" x 3/16" Aluminum, Pressure Locked Grating	22.97	1.12
		For Bearing Bars At 15/16" On-Center, Add	*6.05*	
		For Crossbars At 2" On-Center, Add	*2.24*	
		For Set In Place Without Bolting, Deduct	*-2.02*	
		For Powder Coating, Add	*3.11*	
05 53 13 00-0034	SF	1" x 1/8" Aluminum, Pressure Locked Grating	21.67	1.12
		For Bearing Bars At 15/16" On-Center, Add	*5.67*	
		For Crossbars At 2" On-Center, Add	*2.10*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.99*	
		For Powder Coating, Add	*2.91*	
05 53 13 00-0035	SF	1" x 3/16" Aluminum, Pressure Locked Grating	29.46	1.12
		For Bearing Bars At 7/16" On-Center, Add	*39.47*	
		For Bearing Bars At 15/16" On-Center, Add	*7.95*	
		For Crossbars At 2" On-Center, Add	*2.94*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.18*	
		For Powder Coating, Add	*4.08*	
05 53 13 00-0036	SF	1-1/4" x 1/8" Aluminum, Pressure Locked Grating	25.10	1.12
		For Bearing Bars At 15/16" On-Center, Add	*6.68*	
		For Crossbars At 2" On-Center, Add	*2.47*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.07*	
		For Powder Coating, Add	*3.43*	
05 53 13 00-0037	SF	1-1/4" x 3/16" Aluminum, Pressure Locked Grating	33.59	1.12
		For Bearing Bars At 15/16" On-Center, Add	*9.15*	
		For Crossbars At 2" On-Center, Add	*3.39*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.28*	
		For Powder Coating, Add	*4.70*	
05 53 13 00-0038	SF	1-1/2" x 1/8" Aluminum, Pressure Locked Grating	28.32	1.12
		For Bearing Bars At 15/16" On-Center, Add	*7.62*	
		For Crossbars At 2" On-Center, Add	*2.82*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.15*	
		For Powder Coating, Add	*3.91*	
05 53 13 00-0039	SF	1-1/2" x 3/16" Aluminum, Pressure Locked Grating	37.85	1.12
		For Bearing Bars At 7/16" On-Center, Add	*51.63*	
		For Bearing Bars At 15/16" On-Center, Add	*10.40*	
		For Crossbars At 2" On-Center, Add	*3.85*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.39*	
		For Powder Coating, Add	*5.34*	
05 53 13 00-0040	SF	1-3/4" x 3/16" Aluminum, Pressure Locked Grating	41.93	1.12
		For Bearing Bars At 15/16" On-Center, Add	*11.59*	
		For Crossbars At 2" On-Center, Add	*4.29*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.49*	
		For Powder Coating, Add	*5.95*	
05 53 13 00-0041	SF	2" x 3/16" Aluminum, Pressure Locked Grating	46.76	1.12
		For Bearing Bars At 15/16" On-Center, Add	*13.00*	
		For Crossbars At 2" On-Center, Add	*4.81*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.61*	
		For Powder Coating, Add	*6.68*	
05 53 13 00-0042	SF	2-1/4" x 3/16" Aluminum, Pressure Locked Grating	50.55	1.12
		For Bearing Bars At 15/16" On-Center, Add	*14.11*	
		For Crossbars At 2" On-Center, Add	*5.22*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.71*	
		For Powder Coating, Add	*7.25*	
05 53 13 00-0043	SF	2-1/2" x 3/16" Aluminum, Pressure Locked Grating	55.07	1.12
		For Bearing Bars At 15/16" On-Center, Add	*15.43*	
		For Crossbars At 2" On-Center, Add	*5.71*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.82*	
		For Powder Coating, Add	*7.92*	

05 53 13 00-0044 Swage Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.

05 53 13 00-0045 Steel, Swage Locked Grating *(05 53 13 00-0044)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0046	SF	1" x 3/16" Steel, Swaged Grating	44.70	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.91*	
		For 304 Stainless Steel, Add	*70.40*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*27.17*	
		For Crossbars At 2" On-Center, Add	*3.40*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.56*	
05 53 13 00-0047	SF	1-1/4" x 3/16" Steel, Swaged Grating	49.93	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.39*	
		For 304 Stainless Steel, Add	*79.07*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*30.52*	
		For Crossbars At 2" On-Center, Add	*3.82*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.69*	
05 53 13 00-0048	SF	1-1/2" x 3/16" Steel, Swaged Grating	54.54	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.77*	
		For 304 Stainless Steel, Add	*85.88*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*33.15*	
		For Crossbars At 2" On-Center, Add	*4.14*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.13*	
05 53 13 00-0049	SF	1-3/4" x 3/16" Steel, Swaged Grating	62.56	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.50*	
		For 304 Stainless Steel, Add	*99.18*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*38.28*	
		For Crossbars At 2" On-Center, Add	*4.79*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.33*	
05 53 13 00-0050	SF	2" x 3/16" Steel, Swaged Grating	70.62	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.24*	
		For 304 Stainless Steel, Add	*112.55*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*43.44*	
		For Crossbars At 2" On-Center, Add	*5.43*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.53*	
05 53 13 00-0051	SF	2-1/4" x 3/16" Steel, Swaged Grating	78.65	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.98*	
		For 304 Stainless Steel, Add	*125.86*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*48.58*	
		For Crossbars At 2" On-Center, Add	*6.07*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.73*	
05 53 13 00-0052	SF	2-1/2" x 3/16" Steel, Swaged Grating	86.71	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.73*	
		For 304 Stainless Steel, Add	*139.22*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*53.74*	
		For Crossbars At 2" On-Center, Add	*6.72*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.94*	
05 53 13 00-0053		Aluminum Grating, Type 6063, Swage Locked *(05 53 13 00-0044)*		
		Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.		
05 53 13 00-0054	SF	1" x 1/8" Aluminum, Swaged Grating	20.01	1.12
		For Bearing Bars At 15/16" On-Center, Add	*11.37*	
		For Crossbars At 2" On-Center, Add	*1.42*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.95*	
		For Powder Coating, Add	*2.67*	
05 53 13 00-0055	SF	1" x 3/16" Aluminum, Swaged Grating	25.96	1.12
		For Bearing Bars At 15/16" On-Center, Add	*15.18*	
		For Crossbars At 2" On-Center, Add	*1.90*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.09*	
		For Powder Coating, Add	*3.56*	
05 53 13 00-0056	SF	1-1/4" x 1/8" Aluminum, Swaged Grating	22.68	1.12
		For Bearing Bars At 15/16" On-Center, Add	*13.08*	
		For Crossbars At 2" On-Center, Add	*1.64*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.01*	
		For Powder Coating, Add	*3.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0057	SF	1-1/4" x 3/16" Aluminum, Swaged Grating	29.96	1.12
		For Bearing Bars At 15/16" On-Center, Add	*17.74*	
		For Crossbars At 2" On-Center, Add	*2.22*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.19*	
		For Powder Coating, Add	*4.16*	
05 53 13 00-0058	SF	1-1/2" x 1/8" Aluminum, Swaged Grating	25.85	1.12
		For Bearing Bars At 15/16" On-Center, Add	*15.11*	
		For Crossbars At 2" On-Center, Add	*1.89*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.09*	
		For Powder Coating, Add	*3.54*	
05 53 13 00-0059	SF	1-1/2" x 3/16" Aluminum, Swaged Grating	34.24	1.12
		For Bearing Bars At 15/16" On-Center, Add	*20.48*	
		For Crossbars At 2" On-Center, Add	*2.56*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.30*	
		For Powder Coating, Add	*4.80*	
05 53 13 00-0060	SF	1-3/4" x 3/16" Aluminum, Swaged Grating	39.18	1.12
		For Bearing Bars At 15/16" On-Center, Add	*23.64*	
		For Crossbars At 2" On-Center, Add	*2.96*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.42*	
		For Powder Coating, Add	*5.54*	
05 53 13 00-0061	SF	2" x 3/16" Aluminum, Swaged Grating	44.09	1.12
		For Bearing Bars At 15/16" On-Center, Add	*26.78*	
		For Crossbars At 2" On-Center, Add	*3.35*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.55*	
		For Powder Coating, Add	*6.28*	
05 53 13 00-0062	SF	2-1/4" x 3/16" Aluminum, Swaged Grating	49.02	1.12
		For Bearing Bars At 15/16" On-Center, Add	*29.94*	
		For Crossbars At 2" On-Center, Add	*3.74*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.67*	
		For Powder Coating, Add	*7.02*	
05 53 13 00-0063	SF	2-1/2" x 3/16" Aluminum, Swaged Grating	53.93	1.12
		For Bearing Bars At 15/16" On-Center, Add	*33.08*	
		For Crossbars At 2" On-Center, Add	*4.14*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.79*	
		For Powder Coating, Add	*7.75*	

05 53 13 00-0064 Riveted Grating *(05 53 13)*

Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.

05 53 13 00-0065 Steel, Riveted Grating *(05 53 13 00-0064)*

Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.

05 53 13 00-0066	SF	3/4" x 1/8", 7.0 LB/SF, Steel, Riveted Grating	85.29	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.99*	
		For 304 Stainless Steel, Add	*71.34*	
		For 5/8" Clear Opening, Add	*28.65*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.58*	
05 53 13 00-0067	SF	3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating	100.49	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.72*	
		For 304 Stainless Steel, Add	*84.40*	
		For 5/8" Clear Opening, Add	*33.90*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.96*	
05 53 13 00-0068	SF	1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating	92.29	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.32*	
		For 304 Stainless Steel, Add	*77.35*	
		For 5/8" Clear Opening, Add	*31.07*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.75*	
05 53 13 00-0069	SF	1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating	106.29	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.99*	
		For 304 Stainless Steel, Add	*89.38*	
		For 5/8" Clear Opening, Add	*35.90*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.10*	
05 53 13 00-0070	SF	1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating	98.09	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.60*	
		For 304 Stainless Steel, Add	*82.34*	
		For 5/8" Clear Opening, Add	*33.07*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0071	SF	1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating	117.08	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.51*	
		For 304 Stainless Steel, Add	*98.65*	
		For 5/8" Clear Opening, Add	*39.62*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.37*	
05 53 13 00-0072	SF	1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating	104.18	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.87*	
		For 304 Stainless Steel, Add	*87.14*	
		For 5/8" Clear Opening, Add	*35.00*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.37*	
05 53 13 00-0073	SF	1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating	124.47	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.84*	
		For 304 Stainless Steel, Add	*104.57*	
		For 5/8" Clear Opening, Add	*42.00*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.88*	
05 53 13 00-0074	SF	1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating	134.83	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.34*	
		For 304 Stainless Steel, Add	*113.47*	
		For 5/8" Clear Opening, Add	*45.57*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-5.14*	
05 53 13 00-0075	SF	2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating	157.95	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.45*	
		For 304 Stainless Steel, Add	*133.33*	
		For 5/8" Clear Opening, Add	*53.55*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-5.72*	
05 53 13 00-0076	SF	2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating	166.01	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.84*	
		For 304 Stainless Steel, Add	*140.25*	
		For 5/8" Clear Opening, Add	*56.33*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-5.92*	
05 53 13 00-0077	SF	2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating	173.19	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*8.18*	
		For 304 Stainless Steel, Add	*146.42*	
		For 5/8" Clear Opening, Add	*58.81*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-6.10*	
05 53 13 00-0078		**Aluminum, Riveted Grating** *(05 53 13 00-0064)*		
		Note: 1" clear opening, bolted in place and in all sizes.		
05 53 13 00-0079	SF	3/4" x 1/8", 2.4 LB/SF, Aluminum, Riveted Grating	42.81	1.12
		For 5/8" Clear Opening, Add	*14.00*	
		For Powder Coating, Add	*6.09*	
		For Set In Place Without Bolting, Deduct	*-2.52*	
05 53 13 00-0080	SF	3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating	50.84	1.12
		For 5/8" Clear Opening, Add	*16.77*	
		For Powder Coating, Add	*7.29*	
		For Set In Place Without Bolting, Deduct	*-2.72*	
05 53 13 00-0081	SF	1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating	47.10	1.12
		For 5/8" Clear Opening, Add	*15.48*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*6.73*	
		For Set In Place Without Bolting, Deduct	*-2.62*	
05 53 13 00-0082	SF	1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating	54.94	1.12
		For 5/8" Clear Opening, Add	*18.18*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*7.91*	
		For Set In Place Without Bolting, Deduct	*-2.82*	
05 53 13 00-0083	SF	1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating	52.84	1.12
		For 5/8" Clear Opening, Add	*17.46*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*7.59*	
		For Set In Place Without Bolting, Deduct	*-2.77*	
05 53 13 00-0084	SF	1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating	63.72	1.12
		For 5/8" Clear Opening, Add	*21.21*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*9.22*	
		For Set In Place Without Bolting, Deduct	*-3.04*	
05 53 13 00-0085	SF	1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating	56.76	1.12
		For 5/8" Clear Opening, Add	*18.81*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*8.18*	
		For Set In Place Without Bolting, Deduct	*-2.86*	

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05 53 13 00-0086	SF	1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating	70.58	1.12
		For 5/8" Clear Opening, Add	*23.58*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*10.25*	
		For Set In Place Without Bolting, Deduct	*-3.21*	
05 53 13 00-0087	SF	1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating	77.83	1.12
		For 5/8" Clear Opening, Add	*26.08*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*11.34*	
		For Set In Place Without Bolting, Deduct	*-3.39*	
05 53 13 00-0088	SF	2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating	92.71	1.12
		For 5/8" Clear Opening, Add	*31.21*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*13.57*	
		For Set In Place Without Bolting, Deduct	*-3.76*	
05 53 13 00-0089	SF	2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating	101.16	1.12
		For 5/8" Clear Opening, Add	*34.13*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*14.84*	
		For Set In Place Without Bolting, Deduct	*-3.97*	
05 53 13 00-0090	SF	2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating	112.48	1.12
		For 5/8" Clear Opening, Add	*38.03*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*16.54*	
		For Set In Place Without Bolting, Deduct	*-4.26*	

05 53 16 Plank Gratings *(05 53)*

05 53 16 00-0001 Grate-Lock Steel Plank Grating *(05 53 16)*

Note: Smooth or traction grip surface.

05 53 16 00-0002	SF	1-1/2" Height, 18 Gauge Steel Grate-Lock Plank Grating	16.92	0.87
		For Stair Tread Application, Add	*1.95*	
05 53 16 00-0003	SF	2-1/2" Height, 18 Gauge Steel Grate-Lock Plank Grating	18.05	1.07
		For Stair Tread Application, Add	*2.12*	
05 53 16 00-0004	SF	3" Height, 18 Gauge Steel Grate-Lock Plank Grating	19.03	1.16
		For Stair Tread Application, Add	*2.25*	
05 53 16 00-0005	SF	4" Height, 18 Gauge Steel Grate-Lock Plank Grating	20.78	1.27
		For Stair Tread Application, Add	*2.46*	
05 53 16 00-0006	SF	1-1/2" Height, 16 Gauge Steel Grate-Lock Plank Grating	20.60	0.97
		For Stair Tread Application, Add	*2.35*	
05 53 16 00-0007	SF	2-1/2" Height, 16 Gauge Steel Grate-Lock Plank Grating	21.92	1.16
		For Stair Tread Application, Add	*2.54*	
05 53 16 00-0008	SF	1-1/2" Height, 14 Gauge Steel Grate-Lock Plank Grating	25.30	1.12
		For Stair Tread Application, Add	*2.87*	
05 53 16 00-0009	SF	2-1/2" Height, 14 Gauge Steel Grate-Lock Plank Grating	26.92	1.37
		For Stair Tread Application, Add	*3.10*	
05 53 16 00-0010	SF	3" Height, 14 Gauge Steel Grate-Lock Plank Grating	28.80	1.73
		For Stair Tread Application, Add	*3.40*	
05 53 16 00-0011	SF	4" Height, 14 Gauge Steel Grate-Lock Plank Grating	31.78	1.93
		For Stair Tread Application, Add	*3.76*	

05 54 Metal Floor Plates *(05 50)*

05 54 00 00-0001 Steel Floor Plates *(05 54)*

05 54 00 00-0002	SF	16 Gauge Steel Raised Or Diamond Pattern Floor Plates	20.57	1.32
05 54 00 00-0003	SF	14 Gauge Steel Raised Or Diamond Pattern Floor Plates	23.61	1.32
05 54 00 00-0004	SF	12 Gauge Steel Raised Or Diamond Pattern Floor Plates	29.73	1.32
05 54 00 00-0005	SF	1/8" Steel Raised Or Diamond Pattern Floor Plates	39.87	1.42
05 54 00 00-0006	SF	1/4" Steel Raised Or Diamond Pattern Floor Plates	50.85	1.52

05 54 00 00-0007 Aluminum Alloy Floor Plates *(05 54)*

05 54 00 00-0008	SF	0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	28.80	1.12
		For Powder Coating, Add	*3.98*	
05 54 00 00-0009	SF	0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	33.05	1.32
		For Powder Coating, Add	*4.58*	
05 54 00 00-0010	SF	0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	37.30	1.42
		For Powder Coating, Add	*5.17*	

05 54 00 00-0011 Type 304 Stainless Steel Floor Plates *(05 54)*

05 54 00 00-0012	SF	1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	28.53	1.52
05 54 00 00-0013	SF	3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	34.08	1.73
05 54 00 00-0014	SF	1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate	44.05	2.03

05 55 Metal Stair Treads and Nosings *(05 50)*

05 55 13 Metal Stair Treads *(05 55)*

05 55 13 00-0001 Abrasive Cast Aluminum Stair Treads *(05 55 13)*

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 13 00-0002	LF	8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	67.44	5.53
		For 3/8" Thick, Add	*14.65*	
05 55 13 00-0003	LF	9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	74.50	5.53
		For 3/8" Thick, Add	*16.42*	
05 55 13 00-0004	LF	10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	81.54	5.53
		For 3/8" Thick, Add	*18.18*	
05 55 13 00-0005	LF	11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	88.63	5.53
		For 3/8" Thick, Add	*19.95*	
05 55 13 00-0006	LF	12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	95.64	5.53
		For 3/8" Thick, Add	*21.70*	

05 55 13 00-0007 Abrasive Cast Iron Stair Treads *(05 55 13)*

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

05 55 13 00-0008	LF	8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	94.82	5.53
05 55 13 00-0009	LF	9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	105.28	5.53
05 55 13 00-0010	LF	10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	115.77	5.53
05 55 13 00-0011	LF	11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	126.23	5.53
05 55 13 00-0012	LF	12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	136.71	5.53

05 55 13 00-0013 Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads *(05 55 13)*

Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.

05 55 13 00-0014	LF	6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	34.41	5.53
05 55 13 00-0015	LF	9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	40.81	5.53
05 55 13 00-0016	LF	11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	43.63	5.53

05 55 13 00-0017 Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads *(05 55 13)*

Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.

05 55 13 00-0018	LF	8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	52.07	5.53
		For Epoxy Sealed For Corrosive Environment, Add	*4.44*	
		For Two Color Tread, Add	*3.33*	
05 55 13 00-0019	LF	9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	52.60	5.53
		For Epoxy Sealed For Corrosive Environment, Add	*4.44*	
		For Two Color Tread, Add	*3.33*	
05 55 13 00-0020	LF	11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	64.11	5.53
		For Epoxy Sealed For Corrosive Environment, Add	*4.44*	
		For Two Color Tread, Add	*3.33*	
05 55 13 00-0021	LF	12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	74.19	5.53
		For Epoxy Sealed For Corrosive Environment, Add	*4.44*	
		For Two Color Tread, Add	*3.33*	
05 55 13 00-0022	LF	15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	87.34	5.53
		For Epoxy Sealed For Corrosive Environment, Add	*4.44*	
		For Two Color Tread, Add	*3.33*	

05 55 13 00-0023 Stair Landing Treads *(05 55 13)*

05 55 13 00-0024 Abrasive Cast Aluminum Stair Landing Treads *(05 55 13 00-0023)*

Note: Includes abrasive diamond pattern surface and anchors.

05 55 13 00-0025	SF	5/16" Thick, Abrasive Cast Aluminum Landing Treads	95.64	5.53
		For 3/8" Thick, Add	*21.70*	

05 55 13 00-0026 Abrasive Cast Iron Stair Landing Treads *(05 55 13 00-0023)*

Note: Includes abrasive diamond pattern surface and anchors.

05 55 13 00-0027	SF	3/8" Thick, Abrasive Cast Iron Landing Treads	136.71	5.53

05 55 13 00-0028 Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads *(05 55 13 00-0023)*

Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.

05 55 13 00-0029	SF	9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads	88.49	5.53
		For Epoxy Sealed For Corrosive Environment, Add	*4.44*	

05 55 13 00-0030 Open Cast Iron Stair Tread *(05 55 13)*

Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.

05 55 13 00-0031	RSR	3'-6" Wide, Open Cast Iron Stair Tread	722.20	40.66
		For Closed Riser, Add	*61.96*	
05 55 13 00-0032	RSR	4'-0" Wide, Open Cast Iron Stair Tread	808.42	46.75
		For Closed Riser, Add	*69.21*	
05 55 13 00-0033	RSR	5'-0" Wide, Open Cast Iron Stair Tread	889.67	54.88
		For Closed Riser, Add	*76.08*	

05 55 16 Metal Stair Nosings *(05 55)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 16 00-0001		Abrasive Cast Aluminum Nosings *(05 55 16)* Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0002	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	27.83	3.77
		For 3/8" Thick, Add	*5.45*	
05 55 16 00-0003	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	34.65	3.77
		For 3/8" Thick, Add	*7.16*	
05 55 16 00-0004	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	49.84	3.77
		For 3/8" Thick, Add	*10.95*	
05 55 16 00-0005		Abrasive Cast Iron Nosings *(05 55 16)* Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0006	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	32.80	3.77
		For 3/8" Thick, Add	*6.69*	
05 55 16 00-0007	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	41.20	3.77
		For 3/8" Thick, Add	*8.79*	
05 55 16 00-0008	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	57.79	3.77
		For 3/8" Thick, Add	*12.94*	
05 55 16 00-0009		Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings *(05 55 16)* Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 16 00-0010	LF	1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	23.21	3.77
05 55 16 00-0011	LF	3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	26.50	3.77
05 55 16 00-0012	LF	4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	29.01	3.77
05 55 16 00-0013	LF	6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	36.80	3.77
05 55 16 00-0014	LF	1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	24.10	3.77
05 55 16 00-0015	LF	3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	26.90	3.77
05 55 16 00-0016	LF	4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	29.67	3.77
05 55 16 00-0017	LF	3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	27.98	3.77

05 56 Metal Castings *(05 50)*

05 56 00 00-0001		Castings *(05 56)*		
05 56 00 00-0002	LB	Up To 150 LB, Miscellaneous Castings, Light Section	5.63	0.50
05 56 00 00-0003	LB	>150 LB, Miscellaneous Castings, Heavy Section	9.77	0.40

05 58 Formed Metal Fabrications *(05 50)*

05 58 16 Formed Metal Enclosures *(05 58)*

05 58 16 00-0001		Drip Pan *(05 58 16)*		
05 58 16 00-0002	SF	Stainless Steel Drip Pan	106.84	5.41
05 58 16 00-0003	SF	Galvanized Steel Drip Pan	105.51	5.41
05 58 16 00-0004	SF	Aluminum Drip Pan	73.83	4.33
05 58 16 00-0005	SF	Plastic Drip Pan	18.00	3.79

05 58 23 Formed Metal Guards *(05 58)*

05 58 23 00-0001		Protective Guard Rails *(05 58 23)* Note: Includes painted finish.		
05 58 23 00-0002		2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)* Note: Steel King Armor Guard.		
05 58 23 00-0003		Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0002)* Note: Excludes posts. Includes fasteners.		
05 58 23 00-0004	EA	1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	194.78	18.10
05 58 23 00-0005	EA	2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	230.09	18.10
05 58 23 00-0006	EA	3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	263.40	18.10
05 58 23 00-0007	EA	4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	298.71	18.10
05 58 23 00-0008	EA	5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	332.21	18.10
05 58 23 00-0009	EA	6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	375.63	18.10
05 58 23 00-0010	EA	7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	405.21	18.10
05 58 23 00-0011	EA	8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	451.02	18.10
05 58 23 00-0012	EA	9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	481.08	18.10
05 58 23 00-0013	EA	10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	502.56	18.10
05 58 23 00-0014		Posts For 2-Rib Guard Rails *(05 58 23 00-0002)* Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0015	EA	12" Height, Single Rail Post For 2-Rib Guard Rails	388.42	37.70
05 58 23 00-0016	EA	42" Height, Triple Rail Post For 2-Rib Guard Rails	511.06	37.70
05 58 23 00-0017		3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)* Note: Steel King Steel Guard.		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 58 23 00-0018		**Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails** *(05 58 23 00-0017)* Note: Excludes posts. Includes fasteners.		
05 58 23 00-0019	EA	1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	216.06	18.10
05 58 23 00-0020	EA	2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	239.54	18.10
05 58 23 00-0021	EA	3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	268.84	18.10
05 58 23 00-0022	EA	4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	296.23	18.10
05 58 23 00-0023	EA	5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	327.91	18.10
05 58 23 00-0024	EA	6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	343.18	18.10
05 58 23 00-0025	EA	7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	379.92	18.10
05 58 23 00-0026	EA	8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	410.94	18.10
05 58 23 00-0027	EA	9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	443.87	18.10
05 58 23 00-0028	EA	10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	477.27	18.10
05 58 23 00-0029		**Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails** *(05 58 23 00-0017)* Note: Excludes posts. Includes fasteners and lift-out mounting plate.		
05 58 23 00-0030	EA	1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	321.71	18.10
05 58 23 00-0031	EA	2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	347.48	18.10
05 58 23 00-0032	EA	3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	374.20	18.10
05 58 23 00-0033	EA	4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	405.21	18.10
05 58 23 00-0034	EA	5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	436.23	18.10
05 58 23 00-0035	EA	6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	461.52	18.10
05 58 23 00-0036	EA	7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	490.63	18.10
05 58 23 00-0037	EA	8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	523.55	18.10
05 58 23 00-0038	EA	9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	558.86	18.10
05 58 23 00-0039	EA	10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	589.88	18.10
05 58 23 00-0040		**Posts For 3-Rib Guard Rails** *(05 58 23 00-0017)* Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0041	EA	18" Height, Single Rail Post For 3-Rib Guard Rails	339.56	37.70
05 58 23 00-0042	EA	42" Height, Double Rail Post For 3-Rib Guard Rails	439.00	37.70
05 58 23 00-0043		**All-Welded, Protective Guards** *(05 58 23)* Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0044		**All-Welded, Protective Guards** *(05 58 23 00-0043)*		
05 58 23 00-0045	EA	36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	442.66	50.26
05 58 23 00-0046	EA	48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	466.52	50.26
05 58 23 00-0047	EA	36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	480.36	50.26
05 58 23 00-0048	EA	48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	500.87	50.26
05 58 23 00-0049	EA	36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	496.10	50.26
05 58 23 00-0050	EA	48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	521.39	50.26
05 58 23 00-0051	EA	36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	528.55	50.26
05 58 23 00-0052	EA	48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	536.66	50.26
05 58 23 00-0053	EA	48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	575.31	50.26
05 58 23 00-0054		**Corner Style, All-Welded, Protective Guards** *(05 58 23 00-0043)*		
05 58 23 00-0055	EA	24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	590.58	50.26
05 58 23 00-0056	EA	30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	619.21	50.26
05 58 23 00-0057	EA	24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	631.14	50.26
05 58 23 00-0058	EA	30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	689.83	50.26
05 58 23 00-0059		**Warehouse Safety Bollards** *(05 58 23)* Note: Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0060	EA	24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	269.69	37.70
05 58 23 00-0061	EA	36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	316.84	37.70
05 58 23 00-0062	EA	42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	366.75	37.70
05 58 23 00-0063	EA	36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	380.40	37.70
05 58 23 00-0064	EA	42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	411.89	37.70

05 59 Metal Specialties *(05 50)*

05 59 65 Metal Chain *(05 59)*

05 59 65 00-0001		**Alloy Steel Chain, Self Colored, Cut Length** *(05 59 65)* Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required.		
05 59 65 00-0002	LF	3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored	6.48	0.98
		For Plastic Dipped, Add	*0.68*	
05 59 65 00-0003	LF	1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	7.66	1.31
		For Plastic Dipped, Add	*0.76*	
05 59 65 00-0004	LF	3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	12.04	2.61
		For Plastic Dipped, Add	*1.02*	
05 59 65 00-0005	LF	1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored	19.29	4.41
		For Plastic Dipped, Add	*1.57*	
05 59 65 00-0006	LF	5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	32.56	7.45
		For Plastic Dipped, Add	*2.65*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 65 00-0007		LF	3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	45.69	10.45
			For Plastic Dipped, Add	*3.72*	
05 59 65 00-0008		LF	7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	62.47	13.07
			For Plastic Dipped, Add	*5.45*	
05 59 65 00-0009		LF	1" Diameter Alloy Steel Chain, Cut Length, Self Colored	90.55	17.42
			For Plastic Dipped, Add	*8.36*	
05 59 65 00-0010		LF	1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	147.60	26.14
			For Plastic Dipped, Add	*14.30*	

05 59 69 Metal Panels *(05 59)*

05 59 69 00-0001 Woven And Welded Wire Cloth *(05 59 69)*

Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.

05 59 69 00-0002 Plain Steel Woven And Welded Wire Cloth Panels *(05 59 69 00-0001)*

05 59 69 00-0003 2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0004		SF	0.12" Thick Wire, 2" Spacing, 0.44 LB/SF Woven And Welded Wire Cloth Panels	9.42	2.79
			For Up To 2, Add	*2.63*	
			For >2 To 6, Add	*1.50*	
			For >15 To 40, Deduct	*-0.29*	
			For >40, Deduct	*-0.86*	
			For Galvanized, Add	*2.51*	
			For Aluminum, Add	*3.42*	
			For 304 Stainless Steel, Add	*13.68*	
			For 316 Stainless Steel, Add	*15.68*	
05 59 69 00-0005		SF	0.135" Thick Wire, 2" Spacing, 0.55 LB/SF Woven And Welded Wire Cloth Panels	10.14	2.90
			For Up To 2, Add	*2.80*	
			For >2 To 6, Add	*1.60*	
			For >15 To 40, Deduct	*-0.31*	
			For >40, Deduct	*-0.94*	
			For Galvanized, Add	*2.75*	
			For Aluminum, Add	*3.76*	
			For 304 Stainless Steel, Add	*15.02*	
			For 316 Stainless Steel, Add	*17.22*	
05 59 69 00-0006		SF	0.148" Thick Wire, 2" Spacing, 0.65 LB/SF Woven And Welded Wire Cloth Panels	10.77	3.23
			For Up To 2, Add	*3.01*	
			For >2 To 6, Add	*1.72*	
			For >15 To 40, Deduct	*-0.32*	
			For >40, Deduct	*-0.97*	
			For Galvanized, Add	*2.85*	
			For Aluminum, Add	*3.89*	
			For 304 Stainless Steel, Add	*15.55*	
			For 316 Stainless Steel, Add	*17.82*	
05 59 69 00-0007		SF	0.162" Thick Wire, 2" Spacing, 0.78 LB/SF Woven And Welded Wire Cloth Panels	11.36	3.36
			For Up To 2, Add	*3.17*	
			For >2 To 6, Add	*1.81*	
			For >15 To 40, Deduct	*-0.34*	
			For >40, Deduct	*-1.03*	
			For Galvanized, Add	*3.03*	
			For Aluminum, Add	*4.13*	
			For 304 Stainless Steel, Add	*16.54*	
			For 316 Stainless Steel, Add	*18.95*	
05 59 69 00-0008		SF	0.177" Thick Wire, 2" Spacing, 0.92 LB/SF Woven And Welded Wire Cloth Panels	12.42	3.76
			For Up To 2, Add	*3.49*	
			For >2 To 6, Add	*2.00*	
			For >15 To 40, Deduct	*-0.37*	
			For >40, Deduct	*-1.11*	
			For Galvanized, Add	*3.26*	
			For Aluminum, Add	*4.44*	
			For 304 Stainless Steel, Add	*17.76*	
			For 316 Stainless Steel, Add	*20.35*	
05 59 69 00-0009		SF	0.192" Thick Wire, 2" Spacing, 1.08 LB/SF Woven And Welded Wire Cloth Panels	14.27	4.19
			For Up To 2, Add	*3.97*	
			For >2 To 6, Add	*2.27*	
			For >15 To 40, Deduct	*-0.43*	
			For >40, Deduct	*-1.30*	
			For Galvanized, Add	*3.82*	
			For Aluminum, Add	*5.21*	
			For 304 Stainless Steel, Add	*20.83*	
			For 316 Stainless Steel, Add	*23.87*	
05 59 69 00-0010		SF	0.207" Thick Wire, 2" Spacing, 1.25 LB/SF Woven And Welded Wire Cloth Panels	16.20	4.62
			For Up To 2, Add	*4.47*	
			For >2 To 6, Add	*2.54*	
			For >15 To 40, Deduct	*-0.50*	
			For >40, Deduct	*-1.51*	
			For Galvanized, Add	*4.42*	
			For Aluminum, Add	*6.03*	
			For 304 Stainless Steel, Add	*24.12*	
			For 316 Stainless Steel, Add	*27.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0011	SF	0.225" Thick Wire, 2" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	18.56	5.12
		For Up To 2, Add	*5.08*	
		For >2 To 6, Add	*2.88*	
		For >15 To 40, Deduct	*-0.59*	
		For >40, Deduct	*-1.76*	
		For Galvanized, Add	*5.17*	
		For Aluminum, Add	*7.04*	
		For 304 Stainless Steel, Add	*28.18*	
		For 316 Stainless Steel, Add	*32.29*	
05 59 69 00-0012		1-3/4" Square Wire Spacing *(05 59 69 00-0002)*		
05 59 69 00-0013	SF	0.12" Thick Wire, 1-3/4" Spacing, 0.49 LB/SF Woven And Welded Wire Cloth Panels	9.88	2.96
		For Up To 2, Add	*2.76*	
		For >2 To 6, Add	*1.58*	
		For >15 To 40, Deduct	*-0.30*	
		For >40, Deduct	*-0.89*	
		For Galvanized, Add	*2.61*	
		For Aluminum, Add	*3.56*	
		For 304 Stainless Steel, Add	*14.26*	
		For 316 Stainless Steel, Add	*16.34*	
05 59 69 00-0014	SF	0.135" Thick Wire, 1-3/4" Spacing, 0.62 LB/SF Woven And Welded Wire Cloth Panels	10.88	3.11
		For Up To 2, Add	*3.01*	
		For >2 To 6, Add	*1.71*	
		For >15 To 40, Deduct	*-0.34*	
		For >40, Deduct	*-1.01*	
		For Galvanized, Add	*2.96*	
		For Aluminum, Add	*4.03*	
		For 304 Stainless Steel, Add	*16.13*	
		For 316 Stainless Steel, Add	*18.48*	
05 59 69 00-0015	SF	0.148" Thick Wire, 1-3/4" Spacing, 0.74 LB/SF Woven And Welded Wire Cloth Panels	11.69	3.49
		For Up To 2, Add	*3.27*	
		For >2 To 6, Add	*1.87*	
		For >15 To 40, Deduct	*-0.35*	
		For >40, Deduct	*-1.05*	
		For Galvanized, Add	*3.09*	
		For Aluminum, Add	*4.21*	
		For 304 Stainless Steel, Add	*16.85*	
		For 316 Stainless Steel, Add	*19.31*	
05 59 69 00-0016	SF	0.162" Thick Wire, 1-3/4" Spacing, 0.88 LB/SF Woven And Welded Wire Cloth Panels	12.21	3.61
		For Up To 2, Add	*3.40*	
		For >2 To 6, Add	*1.94*	
		For >15 To 40, Deduct	*-0.37*	
		For >40, Deduct	*-1.11*	
		For Galvanized, Add	*3.26*	
		For Aluminum, Add	*4.44*	
		For 304 Stainless Steel, Add	*17.76*	
		For 316 Stainless Steel, Add	*20.35*	
05 59 69 00-0017	SF	0.177" Thick Wire, 1-3/4" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	13.35	4.04
		For Up To 2, Add	*3.75*	
		For >2 To 6, Add	*2.14*	
		For >15 To 40, Deduct	*-0.40*	
		For >40, Deduct	*-1.19*	
		For Galvanized, Add	*3.50*	
		For Aluminum, Add	*4.78*	
		For 304 Stainless Steel, Add	*19.10*	
		For 316 Stainless Steel, Add	*21.89*	
05 59 69 00-0018	SF	0.192" Thick Wire, 1-3/4" Spacing, 1.22 LB/SF Woven And Welded Wire Cloth Panels	15.37	4.52
		For Up To 2, Add	*4.28*	
		For >2 To 6, Add	*2.44*	
		For >15 To 40, Deduct	*-0.47*	
		For >40, Deduct	*-1.40*	
		For Galvanized, Add	*4.11*	
		For Aluminum, Add	*5.60*	
		For 304 Stainless Steel, Add	*22.42*	
		For 316 Stainless Steel, Add	*25.69*	
05 59 69 00-0019	SF	0.207" Thick Wire, 1-3/4" Spacing, 1.41 LB/SF Woven And Welded Wire Cloth Panels	17.41	4.96
		For Up To 2, Add	*4.80*	
		For >2 To 6, Add	*2.73*	
		For >15 To 40, Deduct	*-0.54*	
		For >40, Deduct	*-1.62*	
		For Galvanized, Add	*4.75*	
		For Aluminum, Add	*6.48*	
		For 304 Stainless Steel, Add	*25.92*	
		For 316 Stainless Steel, Add	*29.70*	
05 59 69 00-0020	SF	0.225" Thick Wire, 1-3/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	19.98	5.51
		For Up To 2, Add	*5.47*	
		For >2 To 6, Add	*3.10*	
		For >15 To 40, Deduct	*-0.63*	
		For >40, Deduct	*-1.89*	
		For Galvanized, Add	*5.56*	
		For Aluminum, Add	*7.58*	
		For 304 Stainless Steel, Add	*30.31*	
		For 316 Stainless Steel, Add	*34.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0021		1-1/2" Square Wire Spacing *(05 59 69 00-0002)*		
05 59 69 00-0022	SF	0.12" Thick Wire, 1-1/2" Spacing, 0.57 LB/SF Woven And Welded Wire Cloth Panels	10.95	3.29
		For Up To 2, Add	*3.06*	
		For >2 To 6, Add	*1.75*	
		For >15 To 40, Deduct	*-0.33*	
		For >40, Deduct	*-0.99*	
		For Galvanized, Add	*2.90*	
		For Aluminum, Add	*3.95*	
		For 304 Stainless Steel, Add	*15.79*	
		For 316 Stainless Steel, Add	*18.10*	
05 59 69 00-0023	SF	0.135" Thick Wire, 1-1/2" Spacing, 0.72 LB/SF Woven And Welded Wire Cloth Panels	12.04	3.45
		For Up To 2, Add	*3.33*	
		For >2 To 6, Add	*1.89*	
		For >15 To 40, Deduct	*-0.37*	
		For >40, Deduct	*-1.12*	
		For Galvanized, Add	*3.27*	
		For Aluminum, Add	*4.46*	
		For 304 Stainless Steel, Add	*17.86*	
		For 316 Stainless Steel, Add	*20.46*	
05 59 69 00-0024	SF	0.148" Thick Wire, 1-1/2" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	12.78	3.83
		For Up To 2, Add	*3.58*	
		For >2 To 6, Add	*2.04*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.15*	
		For Galvanized, Add	*3.38*	
		For Aluminum, Add	*4.61*	
		For 304 Stainless Steel, Add	*18.43*	
		For 316 Stainless Steel, Add	*21.12*	
05 59 69 00-0025	SF	0.162" Thick Wire, 1-1/2" Spacing, 1.02 LB/SF Woven And Welded Wire Cloth Panels	13.48	3.98
		For Up To 2, Add	*3.76*	
		For >2 To 6, Add	*2.14*	
		For >15 To 40, Deduct	*-0.41*	
		For >40, Deduct	*-1.23*	
		For Galvanized, Add	*3.59*	
		For Aluminum, Add	*4.90*	
		For 304 Stainless Steel, Add	*19.61*	
		For 316 Stainless Steel, Add	*22.47*	
05 59 69 00-0026	SF	0.177" Thick Wire, 1-1/2" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	14.69	4.45
		For Up To 2, Add	*4.13*	
		For >2 To 6, Add	*2.36*	
		For >15 To 40, Deduct	*-0.44*	
		For >40, Deduct	*-1.31*	
		For Galvanized, Add	*3.85*	
		For Aluminum, Add	*5.25*	
		For 304 Stainless Steel, Add	*21.00*	
		For 316 Stainless Steel, Add	*24.06*	
05 59 69 00-0027	SF	0.192" Thick Wire, 1-1/2" Spacing, 1.4 LB/SF Woven And Welded Wire Cloth Panels	16.79	4.94
		For Up To 2, Add	*4.67*	
		For >2 To 6, Add	*2.67*	
		For >15 To 40, Deduct	*-0.51*	
		For >40, Deduct	*-1.53*	
		For Galvanized, Add	*4.49*	
		For Aluminum, Add	*6.13*	
		For 304 Stainless Steel, Add	*24.50*	
		For 316 Stainless Steel, Add	*28.08*	
05 59 69 00-0028	SF	0.207" Thick Wire, 1-1/2" Spacing, 1.62 LB/SF Woven And Welded Wire Cloth Panels	19.04	5.42
		For Up To 2, Add	*5.25*	
		For >2 To 6, Add	*2.99*	
		For >15 To 40, Deduct	*-0.59*	
		For >40, Deduct	*-1.77*	
		For Galvanized, Add	*5.20*	
		For Aluminum, Add	*7.09*	
		For 304 Stainless Steel, Add	*28.34*	
		For 316 Stainless Steel, Add	*32.48*	
05 59 69 00-0029	SF	0.225" Thick Wire, 1-1/2" Spacing, 1.89 LB/SF Woven And Welded Wire Cloth Panels	21.79	6.02
		For Up To 2, Add	*5.96*	
		For >2 To 6, Add	*3.38*	
		For >15 To 40, Deduct	*-0.69*	
		For >40, Deduct	*-2.07*	
		For Galvanized, Add	*6.06*	
		For Aluminum, Add	*8.27*	
		For 304 Stainless Steel, Add	*33.07*	
		For 316 Stainless Steel, Add	*37.90*	
05 59 69 00-0030		1-1/4" Square Wire Spacing *(05 59 69 00-0002)*		
05 59 69 00-0031	SF	0.105" Thick Wire, 1-1/4" Spacing, 0.52 LB/SF Woven And Welded Wire Cloth Panels	11.18	3.55
		For Up To 2, Add	*3.18*	
		For >2 To 6, Add	*1.83*	
		For >15 To 40, Deduct	*-0.32*	
		For >40, Deduct	*-0.97*	
		For Galvanized, Add	*2.83*	
		For Aluminum, Add	*3.86*	
		For 304 Stainless Steel, Add	*15.46*	
		For 316 Stainless Steel, Add	*17.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0032	SF	0.12" Thick Wire, 1-1/4" Spacing, 0.68 LB/SF Woven And Welded Wire Cloth Panels	12.10	3.72
		For Up To 2, Add	*3.41*	
		For >2 To 6, Add	*1.96*	
		For >15 To 40, Deduct	*-0.36*	
		For >40, Deduct	*-1.07*	
		For Galvanized, Add	*3.14*	
		For Aluminum, Add	*4.28*	
		For 304 Stainless Steel, Add	*17.11*	
		For 316 Stainless Steel, Add	*19.61*	
05 59 69 00-0033	SF	0.135" Thick Wire, 1-1/4" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	13.16	3.88
		For Up To 2, Add	*3.67*	
		For >2 To 6, Add	*2.09*	
		For >15 To 40, Deduct	*-0.40*	
		For >40, Deduct	*-1.20*	
		For Galvanized, Add	*3.51*	
		For Aluminum, Add	*4.79*	
		For 304 Stainless Steel, Add	*19.15*	
		For 316 Stainless Steel, Add	*21.95*	
05 59 69 00-0034	SF	0.148" Thick Wire, 1-1/4" Spacing, 1.01 LB/SF Woven And Welded Wire Cloth Panels	13.57	3.95
		For Up To 2, Add	*3.77*	
		For >2 To 6, Add	*2.15*	
		For >15 To 40, Deduct	*-0.42*	
		For >40, Deduct	*-1.25*	
		For Galvanized, Add	*3.65*	
		For Aluminum, Add	*4.98*	
		For 304 Stainless Steel, Add	*19.92*	
		For 316 Stainless Steel, Add	*22.83*	
05 59 69 00-0035	SF	0.162" Thick Wire, 1-1/4" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	14.69	4.46
		For Up To 2, Add	*4.13*	
		For >2 To 6, Add	*2.36*	
		For >15 To 40, Deduct	*-0.44*	
		For >40, Deduct	*-1.31*	
		For Galvanized, Add	*3.85*	
		For Aluminum, Add	*5.24*	
		For 304 Stainless Steel, Add	*20.98*	
		For 316 Stainless Steel, Add	*24.04*	
05 59 69 00-0036	SF	0.177" Thick Wire, 1-1/4" Spacing, 1.42 LB/SF Woven And Welded Wire Cloth Panels	16.55	5.02
		For Up To 2, Add	*4.65*	
		For >2 To 6, Add	*2.66*	
		For >15 To 40, Deduct	*-0.49*	
		For >40, Deduct	*-1.48*	
		For Galvanized, Add	*4.34*	
		For Aluminum, Add	*5.92*	
		For 304 Stainless Steel, Add	*23.66*	
		For 316 Stainless Steel, Add	*27.12*	
05 59 69 00-0037	SF	0.192" Thick Wire, 1-1/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	18.84	5.54
		For Up To 2, Add	*5.24*	
		For >2 To 6, Add	*2.99*	
		For >15 To 40, Deduct	*-0.57*	
		For >40, Deduct	*-1.72*	
		For Galvanized, Add	*5.04*	
		For Aluminum, Add	*6.88*	
		For 304 Stainless Steel, Add	*27.50*	
		For 316 Stainless Steel, Add	*31.52*	
05 59 69 00-0038	SF	0.207" Thick Wire, 1-1/4" Spacing, 1.9 LB/SF Woven And Welded Wire Cloth Panels	21.27	6.06
		For Up To 2, Add	*5.87*	
		For >2 To 6, Add	*3.34*	
		For >15 To 40, Deduct	*-0.66*	
		For >40, Deduct	*-1.98*	
		For Galvanized, Add	*5.81*	
		For Aluminum, Add	*7.92*	
		For 304 Stainless Steel, Add	*31.68*	
		For 316 Stainless Steel, Add	*36.30*	
05 59 69 00-0039	SF	0.225" Thick Wire, 1-1/4" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	24.38	6.72
		For Up To 2, Add	*6.67*	
		For >2 To 6, Add	*3.78*	
		For >15 To 40, Deduct	*-0.77*	
		For >40, Deduct	*-2.31*	
		For Galvanized, Add	*6.78*	
		For Aluminum, Add	*9.25*	
		For 304 Stainless Steel, Add	*37.01*	
		For 316 Stainless Steel, Add	*42.41*	

05 59 69 00-0040 1" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0041	SF	0.105" Thick Wire, 1" Spacing, 0.64 LB/SF Woven And Welded Wire Cloth Panels	12.75	4.16
		For Up To 2, Add	*3.66*	
		For >2 To 6, Add	*2.11*	
		For >15 To 40, Deduct	*-0.36*	
		For >40, Deduct	*-1.08*	
		For Galvanized, Add	*3.17*	
		For Aluminum, Add	*4.33*	
		For 304 Stainless Steel, Add	*17.30*	
		For 316 Stainless Steel, Add	*19.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0042	SF	0.12" Thick Wire, 1" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	13.69	4.32
		For Up To 2, Add	*3.89*	
		For >2 To 6, Add	*2.23*	
		For >15 To 40, Deduct	*-0.40*	
		For >40, Deduct	*-1.19*	
		For Galvanized, Add	*3.48*	
		For Aluminum, Add	*4.75*	
		For 304 Stainless Steel, Add	*19.01*	
		For 316 Stainless Steel, Add	*21.78*	
05 59 69 00-0043	SF	0.135" Thick Wire, 1" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	14.26	4.52
		For Up To 2, Add	*4.06*	
		For >2 To 6, Add	*2.33*	
		For >15 To 40, Deduct	*-0.41*	
		For >40, Deduct	*-1.23*	
		For Galvanized, Add	*3.62*	
		For Aluminum, Add	*4.93*	
		For 304 Stainless Steel, Add	*19.73*	
		For 316 Stainless Steel, Add	*22.61*	
05 59 69 00-0044	SF	0.148" Thick Wire, 1" Spacing, 1.23 LB/SF Woven And Welded Wire Cloth Panels	15.31	4.58
		For Up To 2, Add	*4.29*	
		For >2 To 6, Add	*2.45*	
		For >15 To 40, Deduct	*-0.46*	
		For >40, Deduct	*-1.38*	
		For Galvanized, Add	*4.04*	
		For Aluminum, Add	*5.51*	
		For 304 Stainless Steel, Add	*22.06*	
		For 316 Stainless Steel, Add	*25.27*	
05 59 69 00-0045	SF	0.162" Thick Wire, 1" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	17.01	5.16
		For Up To 2, Add	*4.78*	
		For >2 To 6, Add	*2.73*	
		For >15 To 40, Deduct	*-0.51*	
		For >40, Deduct	*-1.52*	
		For Galvanized, Add	*4.45*	
		For Aluminum, Add	*6.07*	
		For 304 Stainless Steel, Add	*24.29*	
		For 316 Stainless Steel, Add	*27.83*	
05 59 69 00-0046	SF	0.177" Thick Wire, 1" Spacing, 1.72 LB/SF Woven And Welded Wire Cloth Panels	19.10	5.79
		For Up To 2, Add	*5.36*	
		For >2 To 6, Add	*3.07*	
		For >15 To 40, Deduct	*-0.57*	
		For >40, Deduct	*-1.71*	
		For Galvanized, Add	*5.01*	
		For Aluminum, Add	*6.83*	
		For 304 Stainless Steel, Add	*27.31*	
		For 316 Stainless Steel, Add	*31.30*	
05 59 69 00-0047	SF	0.192" Thick Wire, 1" Spacing, 2.01 LB/SF Woven And Welded Wire Cloth Panels	21.86	6.42
		For Up To 2, Add	*6.09*	
		For >2 To 6, Add	*3.47*	
		For >15 To 40, Deduct	*-0.66*	
		For >40, Deduct	*-1.99*	
		For Galvanized, Add	*5.85*	
		For Aluminum, Add	*7.97*	
		For 304 Stainless Steel, Add	*31.90*	
		For 316 Stainless Steel, Add	*36.55*	
05 59 69 00-0048	SF	0.207" Thick Wire, 1" Spacing, 2.31 LB/SF Woven And Welded Wire Cloth Panels	24.62	7.01
		For Up To 2, Add	*6.79*	
		For >2 To 6, Add	*3.86*	
		For >15 To 40, Deduct	*-0.76*	
		For >40, Deduct	*-2.29*	
		For Galvanized, Add	*6.72*	
		For Aluminum, Add	*9.17*	
		For 304 Stainless Steel, Add	*36.67*	
		For 316 Stainless Steel, Add	*42.02*	
05 59 69 00-0049	SF	0.225" Thick Wire, 1" Spacing, 2.69 LB/SF Woven And Welded Wire Cloth Panels	28.13	7.76
		For Up To 2, Add	*7.69*	
		For >2 To 6, Add	*4.36*	
		For >15 To 40, Deduct	*-0.89*	
		For >40, Deduct	*-2.67*	
		For Galvanized, Add	*7.83*	
		For Aluminum, Add	*10.67*	
		For 304 Stainless Steel, Add	*42.70*	
		For 316 Stainless Steel, Add	*48.92*	

05 59 69 00-0050 3/4" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0051	SF	0.105" Thick Wire, 3/4" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	12.92	4.15
		For Up To 2, Add	*3.69*	
		For >2 To 6, Add	*2.12*	
		For >15 To 40, Deduct	*-0.37*	
		For >40, Deduct	*-1.11*	
		For Galvanized, Add	*3.25*	
		For Aluminum, Add	*4.43*	
		For 304 Stainless Steel, Add	*17.74*	
		For 316 Stainless Steel, Add	*20.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0052	SF	0.12" Thick Wire, 3/4" Spacing, 1.07 LB/SF Woven And Welded Wire Cloth Panels	14.42	4.66
		For Up To 2, Add	*4.12*	
		For >2 To 6, Add	*2.37*	
		For >15 To 40, Deduct	*-0.41*	
		For >40, Deduct	*-1.23*	
		For Galvanized, Add	*3.62*	
		For Aluminum, Add	*4.93*	
		For 304 Stainless Steel, Add	*19.73*	
		For 316 Stainless Steel, Add	*22.61*	
05 59 69 00-0053	SF	0.135" Thick Wire, 3/4" Spacing, 1.33 LB/SF Woven And Welded Wire Cloth Panels	15.94	5.26
		For Up To 2, Add	*4.59*	
		For >2 To 6, Add	*2.64*	
		For >15 To 40, Deduct	*-0.45*	
		For >40, Deduct	*-1.34*	
		For Galvanized, Add	*3.93*	
		For Aluminum, Add	*5.36*	
		For 304 Stainless Steel, Add	*21.46*	
		For 316 Stainless Steel, Add	*24.59*	
05 59 69 00-0054	SF	0.148" Thick Wire, 3/4" Spacing, 1.58 LB/SF Woven And Welded Wire Cloth Panels	17.26	5.60
		For Up To 2, Add	*4.95*	
		For >2 To 6, Add	*2.85*	
		For >15 To 40, Deduct	*-0.49*	
		For >40, Deduct	*-1.47*	
		For Galvanized, Add	*4.30*	
		For Aluminum, Add	*5.87*	
		For 304 Stainless Steel, Add	*23.47*	
		For 316 Stainless Steel, Add	*26.90*	
05 59 69 00-0055	SF	0.162" Thick Wire, 3/4" Spacing, 1.87 LB/SF Woven And Welded Wire Cloth Panels	19.98	6.31
		For Up To 2, Add	*5.68*	
		For >2 To 6, Add	*3.26*	
		For >15 To 40, Deduct	*-0.58*	
		For >40, Deduct	*-1.74*	
		For Galvanized, Add	*5.09*	
		For Aluminum, Add	*6.94*	
		For 304 Stainless Steel, Add	*27.77*	
		For 316 Stainless Steel, Add	*31.82*	
05 59 69 00-0056	SF	0.177" Thick Wire, 3/4" Spacing, 2.2 LB/SF Woven And Welded Wire Cloth Panels	23.01	7.05
		For Up To 2, Add	*6.48*	
		For >2 To 6, Add	*3.71*	
		For >15 To 40, Deduct	*-0.68*	
		For >40, Deduct	*-2.04*	
		For Galvanized, Add	*5.99*	
		For Aluminum, Add	*8.17*	
		For 304 Stainless Steel, Add	*32.66*	
		For 316 Stainless Steel, Add	*37.43*	
05 59 69 00-0057	SF	0.192" Thick Wire, 3/4" Spacing, 2.56 LB/SF Woven And Welded Wire Cloth Panels	26.23	7.79
		For Up To 2, Add	*7.32*	
		For >2 To 6, Add	*4.18*	
		For >15 To 40, Deduct	*-0.79*	
		For >40, Deduct	*-2.38*	
		For Galvanized, Add	*6.97*	
		For Aluminum, Add	*9.50*	
		For 304 Stainless Steel, Add	*38.02*	
		For 316 Stainless Steel, Add	*43.56*	
05 59 69 00-0058	SF	0.207" Thick Wire, 3/4" Spacing, 2.93 LB/SF Woven And Welded Wire Cloth Panels	29.42	8.47
		For Up To 2, Add	*8.14*	
		For >2 To 6, Add	*4.64*	
		For >15 To 40, Deduct	*-0.91*	
		For >40, Deduct	*-2.72*	
		For Galvanized, Add	*7.98*	
		For Aluminum, Add	*10.88*	
		For 304 Stainless Steel, Add	*43.51*	
		For 316 Stainless Steel, Add	*49.86*	
05 59 69 00-0059	SF	0.225" Thick Wire, 3/4" Spacing, 3.41 LB/SF Woven And Welded Wire Cloth Panels	33.59	9.37
		For Up To 2, Add	*9.22*	
		For >2 To 6, Add	*5.23*	
		For >15 To 40, Deduct	*-1.06*	
		For >40, Deduct	*-3.17*	
		For Galvanized, Add	*9.28*	
		For Aluminum, Add	*12.66*	
		For 304 Stainless Steel, Add	*50.64*	
		For 316 Stainless Steel, Add	*58.03*	

05 59 69 00-0060 1/2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0061	SF	0.105" Thick Wire, 1/2" Spacing, 1.18 LB/SF Woven And Welded Wire Cloth Panels	13.47	4.44
		For Up To 2, Add	*3.88*	
		For >2 To 6, Add	*2.24*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.13*	
		For Galvanized, Add	*3.32*	
		For Aluminum, Add	*4.53*	
		For 304 Stainless Steel, Add	*18.12*	
		For 316 Stainless Steel, Add	*20.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0062	SF	0.12" Thick Wire, 1/2" Spacing, 1.51 LB/SF Woven And Welded Wire Cloth Panels	15.75	5.39
		For Up To 2, Add	*4.59*	
		For >2 To 6, Add	*2.66*	
		For >15 To 40, Deduct	*-0.43*	
		For >40, Deduct	*-1.28*	
		For Galvanized, Add	*3.76*	
		For Aluminum, Add	*5.12*	
		For 304 Stainless Steel, Add	*20.50*	
		For 316 Stainless Steel, Add	*23.49*	
05 59 69 00-0063	SF	0.135" Thick Wire, 1/2" Spacing, 1.88 LB/SF Woven And Welded Wire Cloth Panels	19.04	6.39
		For Up To 2, Add	*5.51*	
		For >2 To 6, Add	*3.18*	
		For >15 To 40, Deduct	*-0.53*	
		For >40, Deduct	*-1.58*	
		For Galvanized, Add	*4.63*	
		For Aluminum, Add	*6.32*	
		For 304 Stainless Steel, Add	*25.27*	
		For 316 Stainless Steel, Add	*28.96*	
05 59 69 00-0064	SF	0.148" Thick Wire, 1/2" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	21.98	7.17
		For Up To 2, Add	*6.31*	
		For >2 To 6, Add	*3.63*	
		For >15 To 40, Deduct	*-0.62*	
		For >40, Deduct	*-1.86*	
		For Galvanized, Add	*5.47*	
		For Aluminum, Add	*7.46*	
		For 304 Stainless Steel, Add	*29.83*	
		For 316 Stainless Steel, Add	*34.18*	
05 59 69 00-0065	SF	0.162" Thick Wire, 1/2" Spacing, 2.61 LB/SF Woven And Welded Wire Cloth Panels	25.28	8.00
		For Up To 2, Add	*7.19*	
		For >2 To 6, Add	*4.13*	
		For >15 To 40, Deduct	*-0.73*	
		For >40, Deduct	*-2.19*	
		For Galvanized, Add	*6.43*	
		For Aluminum, Add	*8.77*	
		For 304 Stainless Steel, Add	*35.09*	
		For 316 Stainless Steel, Add	*40.21*	
05 59 69 00-0066	SF	0.177" Thick Wire, 1/2" Spacing, 3.06 LB/SF Woven And Welded Wire Cloth Panels	29.03	8.91
		For Up To 2, Add	*8.18*	
		For >2 To 6, Add	*4.69*	
		For >15 To 40, Deduct	*-0.86*	
		For >40, Deduct	*-2.57*	
		For Galvanized, Add	*7.54*	
		For Aluminum, Add	*10.28*	
		For 304 Stainless Steel, Add	*41.14*	
		For 316 Stainless Steel, Add	*47.14*	
05 59 69 00-0067	SF	0.192" Thick Wire, 1/2" Spacing, 3.54 LB/SF Woven And Welded Wire Cloth Panels	32.89	9.80
		For Up To 2, Add	*9.19*	
		For >2 To 6, Add	*5.25*	
		For >15 To 40, Deduct	*-0.99*	
		For >40, Deduct	*-2.97*	
		For Galvanized, Add	*8.73*	
		For Aluminum, Add	*11.90*	
		For 304 Stainless Steel, Add	*47.59*	
		For 316 Stainless Steel, Add	*54.53*	
05 59 69 00-0068	SF	0.207" Thick Wire, 1/2" Spacing, 4.04 LB/SF Woven And Welded Wire Cloth Panels	36.79	10.62
		For Up To 2, Add	*10.19*	
		For >2 To 6, Add	*5.80*	
		For >15 To 40, Deduct	*-1.13*	
		For >40, Deduct	*-3.39*	
		For Galvanized, Add	*9.96*	
		For Aluminum, Add	*13.58*	
		For 304 Stainless Steel, Add	*54.31*	
		For 316 Stainless Steel, Add	*62.23*	
05 59 69 00-0069	SF	0.225" Thick Wire, 1/2" Spacing, 4.68 LB/SF Woven And Welded Wire Cloth Panels	38.21	11.69
		For Up To 2, Add	*10.76*	
		For >2 To 6, Add	*6.16*	
		For >15 To 40, Deduct	*-1.13*	
		For >40, Deduct	*-3.39*	
		For Galvanized, Add	*9.96*	
		For Aluminum, Add	*13.58*	
		For 304 Stainless Steel, Add	*54.31*	
		For 316 Stainless Steel, Add	*62.23*	

05 59 69 00-0070 Expanded Metal Panels *(05 59 69)*

Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.

05 59 69 00-0071 Plain Flattened Expanded Metal Diamond Shape Panels *(05 59 69 00-0070)*

Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.

05 59 69 00-0072	SF	1/4" #20-F Plain Expanded Metal Panel, 0.82 LB/SF	9.68	3.83
		For Galvanized, Add	*2.02*	
		For Aluminum, Add	*2.75*	
		For 304 Stainless Steel, Add	*10.99*	
		For 316 Stainless Steel, Add	*12.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0073	SF	1/4" #18-F Plain Expanded Metal Panel, 1.08 LB/SF	12.07	4.19
		For Galvanized, Add	*2.85*	
		For Aluminum, Add	*3.89*	
		For 304 Stainless Steel, Add	*15.55*	
		For 316 Stainless Steel, Add	*17.82*	
05 59 69 00-0074	SF	1/2" #20-F Plain Expanded Metal Panel, 0.40 LB/SF	7.02	2.96
		For Galvanized, Add	*1.36*	
		For Aluminum, Add	*1.85*	
		For 304 Stainless Steel, Add	*7.39*	
		For 316 Stainless Steel, Add	*8.47*	
05 59 69 00-0075	SF	1/2" #18-F Plain Expanded Metal Panel, 0.66 LB/SF	7.66	3.23
		For Galvanized, Add	*1.48*	
		For Aluminum, Add	*2.02*	
		For 304 Stainless Steel, Add	*8.09*	
		For 316 Stainless Steel, Add	*9.27*	
05 59 69 00-0076	SF	1/2" #16-F Plain Expanded Metal Panel, 0.82 LB/SF	8.70	3.83
		For Galvanized, Add	*1.58*	
		For Aluminum, Add	*2.16*	
		For 304 Stainless Steel, Add	*8.64*	
		For 316 Stainless Steel, Add	*9.90*	
05 59 69 00-0077	SF	1/2" #13-F Plain Expanded Metal Panel, 1.4 LB/SF	11.15	4.94
		For Galvanized, Add	*2.01*	
		For Aluminum, Add	*2.74*	
		For 304 Stainless Steel, Add	*10.97*	
		For 316 Stainless Steel, Add	*12.57*	
05 59 69 00-0078	SF	3/4" #16-F Plain Expanded Metal Panel, 0.51 LB/SF	6.18	2.90
		For Galvanized, Add	*1.01*	
		For Aluminum, Add	*1.38*	
		For 304 Stainless Steel, Add	*5.52*	
		For 316 Stainless Steel, Add	*6.33*	
05 59 69 00-0079	SF	3/4" #14-F Plain Expanded Metal Panel, 0.63 LB/SF	6.90	3.11
		For Galvanized, Add	*1.21*	
		For Aluminum, Add	*1.64*	
		For 304 Stainless Steel, Add	*6.58*	
		For 316 Stainless Steel, Add	*7.54*	
05 59 69 00-0080	SF	3/4" #13-F Plain Expanded Metal Panel, 0.75 LB/SF	7.87	3.49
		For Galvanized, Add	*1.41*	
		For Aluminum, Add	*1.92*	
		For 304 Stainless Steel, Add	*7.68*	
		For 316 Stainless Steel, Add	*8.80*	
05 59 69 00-0081	SF	3/4" #9-F Plain Expanded Metal Panel, 1.50 LB/SF	12.45	5.79
		For Galvanized, Add	*2.08*	
		For Aluminum, Add	*2.84*	
		For 304 Stainless Steel, Add	*11.35*	
		For 316 Stainless Steel, Add	*13.01*	
05 59 69 00-0082	SF	1" #16-F Plain Expanded Metal Panel, 0.41 LB/SF	6.96	3.55
		For Galvanized, Add	*0.98*	
		For Aluminum, Add	*1.33*	
		For 304 Stainless Steel, Add	*5.33*	
		For 316 Stainless Steel, Add	*6.11*	
05 59 69 00-0083	SF	1-1/2" #16-F Plain Expanded Metal Panel, 0.38 LB/SF	5.96	2.79
		For Galvanized, Add	*0.99*	
		For Aluminum, Add	*1.34*	
		For 304 Stainless Steel, Add	*5.38*	
		For 316 Stainless Steel, Add	*6.16*	
05 59 69 00-0084	SF	1-1/2" #13-F Plain Expanded Metal Panel, 0.57 LB/SF	6.89	3.29
		For Galvanized, Add	*1.11*	
		For Aluminum, Add	*1.51*	
		For 304 Stainless Steel, Add	*6.05*	
		For 316 Stainless Steel, Add	*6.93*	
05 59 69 00-0085	SF	1-1/2" #9-F Plain Expanded Metal Panel, 1.14 LB/SF	10.56	4.44
		For Galvanized, Add	*2.04*	
		For Aluminum, Add	*2.78*	
		For 304 Stainless Steel, Add	*11.14*	
		For 316 Stainless Steel, Add	*12.76*	

05 70 Decorative Metal *(05)*

Note: Includes anchors and related accessories.

05 71 Decorative Metal Stairs *(05 70)*

05 71 13 Fabricated Metal Spiral Stairs *(05 71)*

Note: Includes factory prime.

05 71 13 00-0001 Spiral Stairs, Stock Units *(05 71 13)*

Note: Includes factory prime.

05 71 13 00-0002 Steel Tread *(05 71 13 00-0001)*

05 71 13 00-0003	VLF	3'-6" Diameter, Spiral Steel Stair With Rails	464.76	50.82
		For Galvanized, Add	*254.18*	
05 71 13 00-0004	VLF	4' Diameter, Spiral Steel Stair With Rails	529.80	55.90
		For Galvanized, Add	*292.60*	
05 71 13 00-0005	VLF	4'-6" Diameter, Spiral Steel Stair With Rails	586.41	60.99
		For Galvanized, Add	*325.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 71 13 00-0006	VLF	5' Diameter, Spiral Steel Stair With Rails	628.25	66.07
		For Galvanized, Add	*347.28*	

05 73 Decorative Metal Railings *(05 70)*

Note: Factory primed. Includes brackets.

05 73 23 Decorative Metal Railings *(05 73)*

05 73 23 00-0001 Railings; Vertical Square Bars At 6" *(05 73 23)*

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

05 73 23 00-0002	LF	Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	72.12	11.18
		For Rake Or Angle Railings, Add	*9.89*	
		For Curved Railings, Add	*19.48*	
		For 4" On Center Standards, Add	*2.03*	
		For 4-1/2" On Center Standards, Add	*1.62*	
		For 5" On Center Standards, Add	*1.08*	
		For 5-1/2" On Center Standards, Add	*0.54*	
		For Each Field Bending Of Rails, Add	*13.76*	
		For Galvanized, Add	*3.79*	
05 73 23 00-0003	LF	Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	170.45	15.24
		For Rake Or Angle Railings, Add	*18.31*	
		For Curved Railings, Add	*60.28*	
		For 4" On Center Standards, Add	*8.14*	
		For 4-1/2" On Center Standards, Add	*6.51*	
		For 5" On Center Standards, Add	*4.34*	
		For 5-1/2" On Center Standards, Add	*2.17*	
		For Each Field Bending Of Rails, Add	*17.99*	
05 73 23 00-0004	LF	Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	249.64	25.41
		For Rake Or Angle Railings, Add	*26.67*	
		For Curved Railings, Add	*88.71*	
		For 4" On Center Standards, Add	*12.01*	
		For 4-1/2" On Center Standards, Add	*9.61*	
		For 5" On Center Standards, Add	*6.41*	
		For 5-1/2" On Center Standards, Add	*3.20*	
		For Each Field Bending Of Rails, Add	*24.86*	
05 73 23 00-0005	LF	Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	229.80	20.33
		For Rake Or Angle Railings, Add	*24.58*	
		For Curved Railings, Add	*81.59*	
		For 4" On Center Standards, Add	*11.04*	
		For 4-1/2" On Center Standards, Add	*8.84*	
		For 5" On Center Standards, Add	*5.89*	
		For 5-1/2" On Center Standards, Add	*2.95*	
		For Each Field Bending Of Rails, Add	*23.14*	
05 73 23 00-0006	LF	Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	243.76	31.00
		For Rake Or Angle Railings, Add	*23.16*	
		For Curved Railings, Add	*94.73*	
		For 4" On Center Standards, Add	*13.63*	
		For 4-1/2" On Center Standards, Add	*10.91*	
		For 5" On Center Standards, Add	*7.27*	
		For 5-1/2" On Center Standards, Add	*3.64*	
		For Each Field Bending Of Rails, Add	*18.00*	

05 73 23 00-0007 Laminated Metal Or Wood Handrails With Metal Supports *(05 73 23)*

05 73 23 00-0008	LF	2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports	165.01	5.08
		For Rake Or Angle Railings, Add	*12.95*	
		For Curved Railings, Add	*71.77*	
		For 4" On Center Standards, Add	*11.02*	
		For 4-1/2" On Center Standards, Add	*8.82*	
		For 5" On Center Standards, Add	*5.88*	
		For 5-1/2" On Center Standards, Add	*2.94*	
		For Each Field Bending Of Rails, Add	*7.02*	

05 73 23 00-0009 Plain Handrails *(05 73 23)*

05 73 23 00-0010	LF	2" Brass Handrail	54.68	11.15
05 73 23 00-0011	EA	90 Degree Angle For 2" Brass Handrail	112.63	40.19
05 73 23 00-0012	EA	End Cap For 2" Brass Handrail	50.77	20.15
05 73 23 00-0013	EA	Brass Bracket And Joint For 2" Brass Handrail	84.94	40.19
05 73 23 00-0014	LF	2" Stainless Steel Handrail	58.04	13.94

05 73 23 00-0015 Restoration Of Existing Metal Handrail And Railing *(05 73 23)*

Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0379 for painting.

05 73 23 00-0016	LF	Refinish Metal Handrail	10.12	
05 73 23 00-0017	LF	Refinish Wrought Iron Balustrade	10.07	

05 73 23 00-0018 Remove And Reinstall Ornamental Railing *(05 73 23)*

05 73 23 00-0019	LF	Removal And Reinstallation Of Ornamental Handrail And Pickets	93.51	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 75 Decorative Formed Metal *(05 70)*

05 75 00 00-0001 Metal Sheets, Installed On Walls *(05 75)*

Note: Includes field fabrication (bending) where noted.

05 75 00 00-0002 Copper Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0003	SF	0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls	29.11	1.97
		For >16 To 200, Deduct	*-1.60*	
		For >200 To 500, Deduct	*-3.21*	
		For >500, Deduct	*-4.66*	
05 75 00 00-0004	SF	0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls	36.63	2.19
		For >16 To 200, Deduct	*-2.00*	
		For >200 To 500, Deduct	*-3.99*	
		For >500, Deduct	*-5.82*	
05 75 00 00-0005	SF	0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls	40.14	2.36
		For >16 To 200, Deduct	*-2.18*	
		For >200 To 500, Deduct	*-4.37*	
		For >500, Deduct	*-6.38*	
05 75 00 00-0006	SF	0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls	43.43	2.48
		For >16 To 200, Deduct	*-2.36*	
		For >200 To 500, Deduct	*-4.72*	
		For >500, Deduct	*-6.89*	
05 75 00 00-0007	SF	0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls	49.77	2.59
		For >16 To 200, Deduct	*-2.68*	
		For >200 To 500, Deduct	*-5.37*	
		For >500, Deduct	*-7.86*	
05 75 00 00-0008	SF	0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls	63.69	2.72
		For >16 To 200, Deduct	*-3.39*	
		For >200 To 500, Deduct	*-6.78*	
		For >500, Deduct	*-9.96*	
05 75 00 00-0009	SF	0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls	75.02	2.84
		For >16 To 200, Deduct	*-3.96*	
		For >200 To 500, Deduct	*-7.93*	
		For >500, Deduct	*-11.68*	
05 75 00 00-0010	SF	0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls	91.24	3.07
		For >16 To 200, Deduct	*-4.79*	
		For >200 To 500, Deduct	*-9.59*	
		For >500, Deduct	*-14.15*	
05 75 00 00-0011	SF	0.08" Thick Copper Sheet, Installed On Walls	112.59	3.31
		For >16 To 200, Deduct	*-5.88*	
		For >200 To 500, Deduct	*-11.76*	
		For >500, Deduct	*-17.39*	
05 75 00 00-0012	SF	0.125" Thick Copper Sheet, Installed On Walls	166.77	3.55
		For >16 To 200, Deduct	*-8.61*	
		For >200 To 500, Deduct	*-17.21*	
		For >500, Deduct	*-25.55*	

05 75 00 00-0013 Stainless Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0014	SF	0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	14.55	2.26
		For >16 To 200, Deduct	*-0.90*	
		For >200 To 500, Deduct	*-1.79*	
		For >500, Deduct	*-2.52*	
05 75 00 00-0015	SF	0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	16.49	2.44
		For >16 To 200, Deduct	*-1.01*	
		For >200 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.84*	
05 75 00 00-0016	SF	0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	17.98	2.56
		For >16 To 200, Deduct	*-1.09*	
		For >200 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-3.08*	
05 75 00 00-0017	SF	0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	21.12	2.68
		For >16 To 200, Deduct	*-1.26*	
		For >200 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.57*	
05 75 00 00-0018	SF	0.0625" Thick (16 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	24.16	2.80
		For >16 To 200, Deduct	*-1.42*	
		For >200 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-4.04*	
05 75 00 00-0019	SF	0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	28.01	2.92
		For >16 To 200, Deduct	*-1.62*	
		For >200 To 500, Deduct	*-3.24*	
		For >500, Deduct	*-4.64*	
05 75 00 00-0020	SF	0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	40.46	3.41
		For >16 To 200, Deduct	*-2.28*	
		For >200 To 500, Deduct	*-4.56*	
		For >500, Deduct	*-6.58*	
05 75 00 00-0021	SF	3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	54.90	3.62
		For >16 To 200, Deduct	*-3.02*	
		For >200 To 500, Deduct	*-6.03*	
		For >500, Deduct	*-8.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0022	SF	1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	75.27	4.39
		For >16 To 200, Deduct	*-4.09*	
		For >200 To 500, Deduct	*-8.19*	
		For >500, Deduct	*-11.95*	
05 75 00 00-0023	SF	3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	126.34	4.71
		For >16 To 200, Deduct	*-6.67*	
		For >200 To 500, Deduct	*-13.34*	
		For >500, Deduct	*-19.66*	
05 75 00 00-0024	SF	1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	161.75	5.48
		For >16 To 200, Deduct	*-8.50*	
		For >200 To 500, Deduct	*-17.00*	
		For >500, Deduct	*-25.09*	

05 75 00 00-0025 Aluminum Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0026	SF	0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls	8.89	1.97
		For >16 To 200, Deduct	*-0.59*	
		For >200 To 500, Deduct	*-1.19*	
		For >500, Deduct	*-1.63*	
05 75 00 00-0027	SF	0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls	10.07	2.19
		For >16 To 200, Deduct	*-0.67*	
		For >200 To 500, Deduct	*-1.34*	
		For >500, Deduct	*-1.84*	
05 75 00 00-0028	SF	0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls	11.21	2.36
		For >16 To 200, Deduct	*-0.74*	
		For >200 To 500, Deduct	*-1.48*	
		For >500, Deduct	*-2.04*	
05 75 00 00-0029	SF	0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls	12.38	2.48
		For >16 To 200, Deduct	*-0.81*	
		For >200 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-2.23*	
05 75 00 00-0030	SF	0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls	13.54	2.59
		For >16 To 200, Deduct	*-0.87*	
		For >200 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.42*	
05 75 00 00-0031	SF	0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls	14.81	2.72
		For >16 To 200, Deduct	*-0.94*	
		For >200 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.63*	
05 75 00 00-0032	SF	0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls	16.35	2.84
		For >16 To 200, Deduct	*-1.03*	
		For >200 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.88*	
05 75 00 00-0033	SF	0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls	19.44	3.31
		For >16 To 200, Deduct	*-1.22*	
		For >200 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-3.41*	

05 75 00 00-0034 Galvanized Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0035	SF	0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	9.10	1.97
		For >16 To 200, Deduct	*-0.60*	
		For >200 To 500, Deduct	*-1.21*	
		For >500, Deduct	*-1.66*	
05 75 00 00-0036	SF	0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.08	2.19
		For >16 To 200, Deduct	*-0.67*	
		For >200 To 500, Deduct	*-1.34*	
		For >500, Deduct	*-1.84*	
05 75 00 00-0037	SF	0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.68	2.36
		For >16 To 200, Deduct	*-0.71*	
		For >200 To 500, Deduct	*-1.42*	
		For >500, Deduct	*-1.96*	
05 75 00 00-0038	SF	0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	11.37	2.48
		For >16 To 200, Deduct	*-0.76*	
		For >200 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-2.08*	
05 75 00 00-0039	SF	0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	12.29	2.59
		For >16 To 200, Deduct	*-0.81*	
		For >200 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-2.23*	
05 75 00 00-0040	SF	0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	13.30	2.72
		For >16 To 200, Deduct	*-0.87*	
		For >200 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.40*	
05 75 00 00-0041	SF	0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	14.97	2.84
		For >16 To 200, Deduct	*-0.96*	
		For >200 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.67*	
05 75 00 00-0042	SF	0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	17.33	3.07
		For >16 To 200, Deduct	*-1.10*	
		For >200 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-3.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0043	SF	0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	19.97	3.55
		For >16 To 200, Deduct	*-1.27*	
		For >200 To 500, Deduct	*-2.53*	
		For >500, Deduct	*-3.53*	
05 75 00 00-0044		Galvanized Zinc-Plated Steel Sheets, Installed On Walls *(05 75 00 00-0001)*		
		Note: Includes field fabrication.		
05 75 00 00-0045	SF	0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	11.44	1.87
		For >16 To 200, Deduct	*-0.76*	
		For >200 To 500, Deduct	*-1.52*	
		For >500, Deduct	*-2.09*	
05 75 00 00-0046	SF	0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	13.22	2.12
		For >16 To 200, Deduct	*-0.87*	
		For >200 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.41*	
05 75 00 00-0047	SF	0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	15.02	2.34
		For >16 To 200, Deduct	*-0.99*	
		For >200 To 500, Deduct	*-1.97*	
		For >500, Deduct	*-2.72*	
05 75 00 00-0048	SF	0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	16.61	2.53
		For >16 To 200, Deduct	*-1.08*	
		For >200 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-3.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 Wood, Plastics, and Composites

06 01 Maintenance of Wood, Plastics, and Composites *(06)*

06 01 10 Maintenance of Rough Carpentry *(06 01)*

06 01 10 91 Rough Carpenty Restoration *(06 01 10)*

06 01 10 91-0001 Roof Beam Restoration *(06 01 10 91)*

06 01 10 91-0002	EA	Up To 5, Roof Beam Restoration And Fill Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.		61.65	
06 01 10 91-0003	EA	>5 To 25, Roof Beam Restoration And Fill Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.		53.09	
06 01 10 91-0004	EA	>25, Roof Beam Restoration And Fill Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.		44.53	

06 01 10 91-0005 Roof Beam Replacement *(06 01 10 91)*

Note: Includes cutting back the rafter beam back 18" and in a zig- zag Z splice cut for purpose of splicing on new end piece. Attached with glue and screwed on with lag screws counter sunk.

06 01 10 91-0006	EA	Up To 5, Roof Beam Replacement, 6" x 12" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.		140.96	
06 01 10 91-0007	EA	>5 To 25, Roof Beam Replacement, 6" x 12" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.		132.40	
06 01 10 91-0008	EA	>25, Roof Beam Replacement, 6" x 12" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.		123.84	
06 01 10 91-0009	EA	Up To 5, Roof Beam Replacement, 4" x 8" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.		124.72	
06 01 10 91-0010	EA	>5 To 25, Roof Beam Replacement, 4" x 8" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.		116.16	
06 01 10 91-0011	EA	>25, Roof Beam Replacement, 4" x 8" Beams Note: Includes cutting off damaged/rotten wood, new beams with screws.		107.60	

06 01 10 91-0012 Roof Beam Caps *(06 01 10 91)*

06 01 10 91-0013	EA	4" x 4" Stainless Steel Beam End Cap		29.96	
		For Galvanized Steel, Deduct		*-2.48*	
06 01 10 91-0014	EA	4" x 6" Stainless Steel Beam End Cap		44.95	
		For Galvanized Steel, Deduct		*-4.35*	
06 01 10 91-0015	EA	4" x 8" Stainless Steel Beam End Cap		57.93	
		For Galvanized Steel, Deduct		*-5.66*	
06 01 10 91-0016	EA	6" x 6" Stainless Steel Beam End Cap		52.49	
		For Galvanized Steel, Deduct		*-4.98*	
06 01 10 91-0017	EA	6" x 12" Stainless Steel Beam End Cap		65.92	
		For Galvanized Steel, Deduct		*-6.34*	

06 01 10 91-0018 Field Formed Beam Top/End Caps *(06 01 10 91)*

06 01 10 91-0019	SF	24 Gauge, Stainless Steel Field Formed Beam Top/End Cap Note: Includes forming and bending at edges and around end of exposed beam		15.62	
06 01 10 91-0020	SF	24 Gauge, Galvanized Steel Field Formed Beam Top/End Cap Note: Includes forming and bending at edges and around end of exposed beam		11.12	

06 01 10 91-0021 Historic Restoration For Retexturing Wood Beams *(06 01 10 91)*

06 01 10 91-0022	SF	Retexture Wood Beams To Match Original Historic Appearance Note: Includes: Retexturing wood surface of beams on (3) sides		34.50	
06 01 10 91-0023	LF	Retexture 3" X 6" Wood Beams On (3) Sides To Match Original Historic Appearance		43.15	

06 01 20 Maintenance of Finish Carpentry *(06 01)*

06 01 20 91 Finish Carpentry Restoration *(06 01 20)*

06 01 20 91-0001 Wood Trim Repair *(06 01 20 91)*

06 01 20 91-0002	SF	Restoration Of Existing Decorative Woodwork Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing.		7.76	

06 01 40 Maintenance of Architectural Woodwork *(06 01)*

06 01 40 91 Architectural Woodwork Restoration *(06 01 40)*

06 01 40 91-0001 Cabinet Hardware Replacement *(06 01 40 91)*

06 01 40 91-0002	EA	Removal And Replacement Of Concealed, Full Or Half Overlay, Self Closing, Steel Cabinet Hinges		44.58	
06 01 40 91-0003	EA	Removal And Replacement Of Semi Concealed, Brass Cabinet Hinges		37.54	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 05 Common Work Results for Wood, Plastics, and Composites *(06)*

06 05 23 Wood, Plastic, and Composite Fastenings *(06 05)*

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06 05 23 00-0001 Threaded Anchor Bolts *(06 05 23)*

Note: Threaded on two ends with two nuts and flat washers.

06 05 23 00-0002	EA	1/2" Diameter x 4" Long, Threaded Anchor Bolt		11.82	
		For >10 To 50, Deduct		*-0.36*	
		For >50 To 100, Deduct		*-0.83*	
		For >100 To 250, Deduct		*-1.67*	
		For >250 To 500, Deduct		*-2.86*	
		For >500, Deduct		*-4.05*	
06 05 23 00-0003	EA	1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt		15.82	
		For >10 To 50, Deduct		*-0.39*	
		For >50 To 100, Deduct		*-0.98*	
		For >100 To 250, Deduct		*-1.95*	
		For >250 To 500, Deduct		*-3.31*	
		For >500, Deduct		*-4.67*	
06 05 23 00-0004	EA	3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt		17.42	
		For >10 To 50, Deduct		*-0.39*	
		For >50 To 100, Deduct		*-1.02*	
		For >100 To 250, Deduct		*-2.03*	
		For >250 To 500, Deduct		*-3.43*	
		For >500, Deduct		*-4.83*	
06 05 23 00-0005	EA	3/4" Diameter x 12" Long, Threaded Anchor Bolt		34.69	
		For >10 To 50, Deduct		*-0.53*	
		For >50 To 100, Deduct		*-1.66*	
		For >100 To 250, Deduct		*-3.32*	
		For >250 To 500, Deduct		*-5.51*	
		For >500, Deduct		*-7.70*	

06 05 23 00-0006 Framing Anchors *(06 05 23)*

Note: Including nails.

06 05 23 00-0007	EA	1-7/16" x 2-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A34)		6.41	3.01
		For >10 To 50, Deduct		*-0.29*	
		For >50 To 100, Deduct		*-0.59*	
		For >100 To 250, Deduct		*-1.18*	
		For >250 To 500, Deduct		*-2.06*	
		For >500, Deduct		*-2.94*	
06 05 23 00-0008	EA	1-7/16" x 4-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A35)		7.16	3.31
		For >10 To 50, Deduct		*-0.32*	
		For >50 To 100, Deduct		*-0.66*	
		For >100 To 250, Deduct		*-1.33*	
		For >250 To 500, Deduct		*-2.31*	
		For >500, Deduct		*-3.30*	

06 05 23 00-0009 Angle Anchors *(06 05 23)*

Note: Including nails.

06 05 23 00-0010	EA	2" x 1-1/2" x 1-3/8" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A21)		6.50	3.01
		For >10 To 50, Deduct		*-0.29*	
		For >50 To 100, Deduct		*-0.59*	
		For >100 To 250, Deduct		*-1.19*	
		For >250 To 500, Deduct		*-2.07*	
		For >500, Deduct		*-2.95*	
06 05 23 00-0011	EA	2" x 1-1/2" x 2-3/4" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A23)		7.14	3.21
		For >10 To 50, Deduct		*-0.31*	
		For >50 To 100, Deduct		*-0.64*	
		For >100 To 250, Deduct		*-1.28*	
		For >250 To 500, Deduct		*-2.22*	
		For >500, Deduct		*-3.17*	
06 05 23 00-0012	EA	3-7/8" x 2" x 2-1/2" Wide, 12 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A24)		12.59	3.31
		For >10 To 50, Deduct		*-0.32*	
		For >50 To 100, Deduct		*-0.80*	
		For >100 To 250, Deduct		*-1.60*	
		For >250 To 500, Deduct		*-2.72*	
		For >500, Deduct		*-3.84*	
06 05 23 00-0013	EA	3" x 3" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A33)		11.29	3.31
		For >10 To 50, Deduct		*-0.32*	
		For >50 To 100, Deduct		*-0.77*	
		For >100 To 250, Deduct		*-1.53*	
		For >250 To 500, Deduct		*-2.62*	
		For >500, Deduct		*-3.71*	
06 05 23 00-0014	EA	4-9/16" x 4-9/16" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A44)		12.34	3.72
		For >10 To 50, Deduct		*-0.36*	
		For >50 To 100, Deduct		*-0.84*	
		For >100 To 250, Deduct		*-1.68*	
		For >250 To 500, Deduct		*-2.88*	
		For >500, Deduct		*-4.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0015	EA	5-7/8" x 5-7/8" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A66)	14.02	3.92
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.92*	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-3.16*	
		For >500, Deduct	*-4.46*	
06 05 23 00-0016		**Reinforcing Angle Wood Construction Connectors** *(06 05 23)*		
		Note: Including nails.		
06 05 23 00-0017	EA	3" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L30)	7.18	2.81
		For >10 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-3.01*	
06 05 23 00-0018	EA	5" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L50)	8.95	3.01
		For >10 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-3.33*	
06 05 23 00-0019	EA	7" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L70)	10.23	3.11
		For >10 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.50*	
		For >500, Deduct	*-3.54*	
06 05 23 00-0020	EA	9" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L90)	11.37	3.21
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.78*	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.77*	
06 05 23 00-0021	EA	3-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS30)	7.88	2.81
		For >10 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-3.08*	
06 05 23 00-0022	EA	4-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS50)	8.71	3.01
		For >10 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-3.31*	
06 05 23 00-0023	EA	6-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS70)	10.17	3.11
		For >10 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-3.53*	
06 05 23 00-0024	EA	7-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS90)	12.11	3.21
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.80*	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.85*	
06 05 23 00-0025		**Hold Down Anchors** *(06 05 23)*		
		Note: Including nails.		
06 05 23 00-0026	EA	8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD3B)	52.62	
		For >10 To 50, Deduct	*-1.56*	
		For >50 To 100, Deduct	*-3.65*	
		For >100 To 250, Deduct	*-7.30*	
		For >250 To 500, Deduct	*-12.51*	
		For >500, Deduct	*-17.72*	
06 05 23 00-0027	EA	9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD5B)	74.36	
		For >10 To 50, Deduct	*-1.61*	
		For >50 To 100, Deduct	*-4.27*	
		For >100 To 250, Deduct	*-8.54*	
		For >250 To 500, Deduct	*-14.42*	
		For >500, Deduct	*-20.30*	
06 05 23 00-0028	EA	12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD7B)	92.04	
		For >10 To 50, Deduct	*-1.71*	
		For >50 To 100, Deduct	*-4.86*	
		For >100 To 250, Deduct	*-9.73*	
		For >250 To 500, Deduct	*-16.30*	
		For >500, Deduct	*-22.87*	

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06 05 23 00-0029	EA	14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD9B)	108.75	
		For >10 To 50, Deduct	*-1.91*	
		For >50 To 100, Deduct	*-5.58*	
		For >100 To 250, Deduct	*-11.16*	
		For >250 To 500, Deduct	*-18.66*	
		For >500, Deduct	*-26.15*	
06 05 23 00-0030	EA	20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD12)	176.97	
		For >10 To 50, Deduct	*-2.41*	
		For >50 To 100, Deduct	*-8.04*	
		For >100 To 250, Deduct	*-16.08*	
		For >250 To 500, Deduct	*-26.54*	
		For >500, Deduct	*-36.99*	
06 05 23 00-0031	EA	24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD19)	239.19	
		For >10 To 50, Deduct	*-2.51*	
		For >50 To 100, Deduct	*-9.75*	
		For >100 To 250, Deduct	*-19.50*	
		For >250 To 500, Deduct	*-31.76*	
		For >500, Deduct	*-44.02*	
06 05 23 00-0032	EA	8-11/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU2-SDS2.5)	62.27	
		For >10 To 50, Deduct	*-1.56*	
		For >50 To 100, Deduct	*-3.89*	
		For >100 To 250, Deduct	*-7.79*	
		For >250 To 500, Deduct	*-13.24*	
		For >500, Deduct	*-18.69*	
06 05 23 00-0033	EA	10-15/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU4-SDS2.5)	69.03	
		For >10 To 50, Deduct	*-1.61*	
		For >50 To 100, Deduct	*-4.14*	
		For >100 To 250, Deduct	*-8.27*	
		For >250 To 500, Deduct	*-14.02*	
		For >500, Deduct	*-19.76*	
06 05 23 00-0034	EA	13-3/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU5-SDS2.5)	77.44	
		For >10 To 50, Deduct	*-1.71*	
		For >50 To 100, Deduct	*-4.50*	
		For >100 To 250, Deduct	*-9.00*	
		For >250 To 500, Deduct	*-15.20*	
		For >500, Deduct	*-21.41*	
06 05 23 00-0035	EA	16-5/8" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU8-SDS2.5)	95.84	
		For >10 To 50, Deduct	*-1.91*	
		For >50 To 100, Deduct	*-5.26*	
		For >100 To 250, Deduct	*-10.52*	
		For >250 To 500, Deduct	*-17.69*	
		For >500, Deduct	*-24.86*	
06 05 23 00-0036	EA	22-1/4" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU11-SDS2.5)	123.48	
		For >10 To 50, Deduct	*-2.41*	
		For >50 To 100, Deduct	*-6.71*	
		For >100 To 250, Deduct	*-13.41*	
		For >250 To 500, Deduct	*-22.53*	
		For >500, Deduct	*-31.64*	
06 05 23 00-0037	EA	25-11/16" Height x 3" Wide x 3-1/2" Deep, 7 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU14-SDS2.5)	138.14	
		For >10 To 50, Deduct	*-2.51*	
		For >50 To 100, Deduct	*-7.22*	
		For >100 To 250, Deduct	*-14.44*	
		For >250 To 500, Deduct	*-24.18*	
		For >500, Deduct	*-33.91*	

06 05 23 00-0038 Joist And Beam Hangers *(06 05 23)*

Note: Including nails.

06 05 23 00-0039	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 4" Joist Also Acceptable For Beam Hangers (Simpson Strong Tie® LU24)	6.84	2.81
		For >10 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.98*	
06 05 23 00-0040	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 6"-2" x 10" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LU28)	7.65	3.01
		For >10 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-3.20*	
06 05 23 00-0041	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 6"-3" x 9" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS36)	10.86	3.11
		For >10 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.74*	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.60*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0042	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 10"-3" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS310)	11.82	3.21
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.82*	
06 05 23 00-0043	EA	14 Gauge, Galvanized Joist Hanger, For 4" x 6"-4" x 8" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS46)	18.28	3.41
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.97*	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-3.24*	
		For >500, Deduct	*-4.54*	
06 05 23 00-0044	EA	14 Gauge, Galvanized Joist Hanger, For 4" x 10"-4" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS412)	21.84	3.52
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-1.07*	
		For >100 To 250, Deduct	*-2.13*	
		For >250 To 500, Deduct	*-3.55*	
		For >500, Deduct	*-4.96*	
06 05 23 00-0045		**Anchor And Ties** *(06 05 23)*		
		Note: Including nails.		
06 05 23 00-0046	EA	12-3/8" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT4)	33.67	
		Note: Includes nails. Excludes anchor bolt.		
06 05 23 00-0047	EA	16" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT5)	41.72	
		Note: Includes nails. Excludes anchor bolt.		
06 05 23 00-0048	EA	16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASAZ)	4.39	
06 05 23 00-0049	EA	16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASBZ)	4.95	
06 05 23 00-0050		**Hurricane Ties** *(06 05 23)*		
06 05 23 00-0051	EA	6" x 1-3/8" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5A)	7.46	3.11
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.71*	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-2.47*	
		For >500, Deduct	*-3.52*	
06 05 23 00-0052	EA	6" x 1-3/8" Wide, 18 Gauge, Zinc Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5AZ)	2.74	
06 05 23 00-0053	EA	6" x 1-3/8" Wide, 18 Gauge, Stainless Steel Hurricane Ties (Simpson Strong Tie® H2.5ASS)	7.63	
06 05 23 00-0054	EA	10-7/16" x 1-1/2" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2A)	9.27	3.11
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.70*	
06 05 23 00-0055	EA	19-3/16" x 2-1/4" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H6)	15.90	
06 05 23 00-0056		**Post Column Bases** *(06 05 23)*		
		Note: Including nails.		
06 05 23 00-0057	EA	Adjustable And Standoff 4" x 4" Post Base, With Bolts (Simpson Strong Tie® ABA44)	28.22	
06 05 23 00-0058	EA	Adjustable And Standoff 4" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA46)	44.69	
06 05 23 00-0059	EA	Adjustable And Standoff 6" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA66)	46.08	
06 05 23 00-0060		**Post Column Caps** *(06 05 23)*		
		Note: Including nails.		
06 05 23 00-0061	EA	4" Beam, 4" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC4)	16.14	3.52
		For >10 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-0.98*	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-3.34*	
		For >500, Deduct	*-4.71*	
06 05 23 00-0062	EA	6" Beam, 6" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC6)	36.03	3.52
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 250, Deduct	*-3.03*	
		For >250 To 500, Deduct	*-4.95*	
		For >500, Deduct	*-6.87*	
06 05 23 00-0063	EA	3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-4)	177.60	
		Note: Excludes field welding		
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-5.95*	
		For >100 To 250, Deduct	*-11.89*	
		For >250 To 500, Deduct	*-18.84*	
		For >500, Deduct	*-25.80*	
		For Hot Dipped Galvanized, Add	*70.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0064	EA	3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-6)	184.26	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-6.30*	
		For >100 To 250, Deduct	*-12.60*	
		For >250 To 500, Deduct	*-20.04*	
		For >500, Deduct	*-27.47*	
		For Hot Dipped Galvanized, Add	*72.74*	
06 05 23 00-0065	EA	4" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC44)	113.26	
		Note: Excludes field welding		
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-4.34*	
		For >100 To 250, Deduct	*-8.68*	
		For >250 To 500, Deduct	*-14.02*	
		For >500, Deduct	*-19.36*	
		For Hot Dipped Galvanized, Add	*41.93*	
06 05 23 00-0066	EA	4" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC46)	180.35	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-6.20*	
		For >100 To 250, Deduct	*-12.41*	
		For >250 To 500, Deduct	*-19.74*	
		For >500, Deduct	*-27.08*	
		For Hot Dipped Galvanized, Add	*70.98*	
06 05 23 00-0067	EA	4" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC48)	188.80	
		Note: Excludes field welding		
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-6.42*	
		For >100 To 250, Deduct	*-12.83*	
		For >250 To 500, Deduct	*-20.38*	
		For >500, Deduct	*-27.92*	
		For Hot Dipped Galvanized, Add	*74.79*	
06 05 23 00-0068	EA	6" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC64)	193.08	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-6.45*	
		For >100 To 250, Deduct	*-12.90*	
		For >250 To 500, Deduct	*-20.42*	
		For >500, Deduct	*-27.95*	
		For Hot Dipped Galvanized, Add	*77.16*	
06 05 23 00-0069	EA	6" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC66)	195.08	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-6.65*	
		For >100 To 250, Deduct	*-13.30*	
		For >250 To 500, Deduct	*-21.12*	
		For >500, Deduct	*-28.95*	
		For Hot Dipped Galvanized, Add	*77.16*	
06 05 23 00-0070	EA	6" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC68)	195.08	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-6.65*	
		For >100 To 250, Deduct	*-13.30*	
		For >250 To 500, Deduct	*-21.12*	
		For >500, Deduct	*-28.95*	
		For Hot Dipped Galvanized, Add	*77.16*	
06 05 23 00-0071	EA	5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-4)	226.22	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-7.28*	
		For >100 To 250, Deduct	*-14.55*	
		For >250 To 500, Deduct	*-22.91*	
		For >500, Deduct	*-31.27*	
		For Hot Dipped Galvanized, Add	*92.07*	
06 05 23 00-0072	EA	5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-6)	228.22	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-14.95*	
		For >250 To 500, Deduct	*-23.61*	
		For >500, Deduct	*-32.27*	
		For Hot Dipped Galvanized, Add	*92.07*	
06 05 23 00-0073	EA	5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-8)	228.22	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-14.95*	
		For >250 To 500, Deduct	*-23.61*	
		For >500, Deduct	*-32.27*	
		For Hot Dipped Galvanized, Add	*92.07*	
06 05 23 00-0074	EA	8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC84)	277.55	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-8.56*	
		For >100 To 250, Deduct	*-17.12*	
		For >250 To 500, Deduct	*-26.76*	
		For >500, Deduct	*-36.40*	
		For Hot Dipped Galvanized, Add	*115.17*	
06 05 23 00-0075	EA	8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC86)	279.55	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-8.76*	
		For >100 To 250, Deduct	*-17.52*	
		For >250 To 500, Deduct	*-27.46*	
		For >500, Deduct	*-37.40*	
		For Hot Dipped Galvanized, Add	*115.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0076	EA	8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC88)	279.55	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-8.76*	
		For >100 To 250, Deduct	*-17.52*	
		For >250 To 500, Deduct	*-27.46*	
		For >500, Deduct	*-37.40*	
		For Hot Dipped Galvanized, Add	*115.17*	
06 05 23 00-0077	EA	3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-4)	177.60	
		Note: Excludes field welding		
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-5.95*	
		For >100 To 250, Deduct	*-11.89*	
		For >250 To 500, Deduct	*-18.84*	
		For >500, Deduct	*-25.80*	
		For Hot Dipped Galvanized, Add	*70.88*	
06 05 23 00-0078	EA	3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-6)	184.26	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-6.30*	
		For >100 To 250, Deduct	*-12.60*	
		For >250 To 500, Deduct	*-20.04*	
		For >500, Deduct	*-27.47*	
		For Hot Dipped Galvanized, Add	*72.74*	
06 05 23 00-0079	EA	4" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC44)	113.26	
		Note: Excludes field welding		
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-4.34*	
		For >100 To 250, Deduct	*-8.68*	
		For >250 To 500, Deduct	*-14.02*	
		For >500, Deduct	*-19.36*	
		For Hot Dipped Galvanized, Add	*41.93*	
06 05 23 00-0080	EA	4" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC46)	180.35	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-6.20*	
		For >100 To 250, Deduct	*-12.41*	
		For >250 To 500, Deduct	*-19.74*	
		For >500, Deduct	*-27.08*	
		For Hot Dipped Galvanized, Add	*70.98*	
06 05 23 00-0081	EA	4" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC48)	188.80	
		Note: Excludes field welding		
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-6.42*	
		For >100 To 250, Deduct	*-12.83*	
		For >250 To 500, Deduct	*-20.38*	
		For >500, Deduct	*-27.92*	
		For Hot Dipped Galvanized, Add	*74.79*	
06 05 23 00-0082	EA	6" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC64)	193.08	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-6.45*	
		For >100 To 250, Deduct	*-12.90*	
		For >250 To 500, Deduct	*-20.42*	
		For >500, Deduct	*-27.95*	
		For Hot Dipped Galvanized, Add	*77.16*	
06 05 23 00-0083	EA	6" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC66)	195.08	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-6.65*	
		For >100 To 250, Deduct	*-13.30*	
		For >250 To 500, Deduct	*-21.12*	
		For >500, Deduct	*-28.95*	
		For Hot Dipped Galvanized, Add	*77.16*	
06 05 23 00-0084	EA	6" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC68)	195.08	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-6.65*	
		For >100 To 250, Deduct	*-13.30*	
		For >250 To 500, Deduct	*-21.12*	
		For >500, Deduct	*-28.95*	
		For Hot Dipped Galvanized, Add	*77.16*	
06 05 23 00-0085	EA	5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-4)	226.22	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-7.28*	
		For >100 To 250, Deduct	*-14.55*	
		For >250 To 500, Deduct	*-22.91*	
		For >500, Deduct	*-31.27*	
		For Hot Dipped Galvanized, Add	*92.07*	
06 05 23 00-0086	EA	5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-6)	228.22	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-14.95*	
		For >250 To 500, Deduct	*-23.61*	
		For >500, Deduct	*-32.27*	
		For Hot Dipped Galvanized, Add	*92.07*	
06 05 23 00-0087	EA	5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-8)	228.22	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-7.48*	
		For >100 To 250, Deduct	*-14.95*	
		For >250 To 500, Deduct	*-23.61*	
		For >500, Deduct	*-32.27*	
		For Hot Dipped Galvanized, Add	*92.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0088	EA	8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC84)	277.55	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-8.56*	
		For >100 To 250, Deduct	*-17.12*	
		For >250 To 500, Deduct	*-26.76*	
		For >500, Deduct	*-36.40*	
		For Hot Dipped Galvanized, Add	*115.17*	
06 05 23 00-0089	EA	8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC86)	279.55	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-8.76*	
		For >100 To 250, Deduct	*-17.52*	
		For >250 To 500, Deduct	*-27.46*	
		For >500, Deduct	*-37.40*	
		For Hot Dipped Galvanized, Add	*115.17*	
06 05 23 00-0090	EA	8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC88)	279.55	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-8.76*	
		For >100 To 250, Deduct	*-17.52*	
		For >250 To 500, Deduct	*-27.46*	
		For >500, Deduct	*-37.40*	
		For Hot Dipped Galvanized, Add	*115.17*	
06 05 23 00-0091		**Rafter Connectors** *(06 05 23)*		
06 05 23 00-0092	EA	Galvanized Rigid Rafter Connector, For 2" x 6" (Simpson Strong Tie® RR)	8.99	3.11
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.74*	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-2.58*	
		For >500, Deduct	*-3.67*	
06 05 23 00-0093		**Bolts And Fasteners** *(06 05 23)*		
06 05 23 00-0094		**Carriage Bolts** *(06 05 23 00-0093)*		
		Note: Includes drilling of holes in any material. Includes nut and washer.		
06 05 23 00-0095		**Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts** *(06 05 23 00-0094)*		
06 05 23 00-0096	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	13.37	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.31*	
		For >100 To 250, Deduct	*-2.63*	
		For >250 To 500, Deduct	*-4.59*	
		For >500, Deduct	*-6.56*	
06 05 23 00-0097	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	13.50	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.32*	
		For >100 To 250, Deduct	*-2.63*	
		For >250 To 500, Deduct	*-4.60*	
		For >500, Deduct	*-6.57*	
06 05 23 00-0098	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	13.59	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.32*	
		For >100 To 250, Deduct	*-2.64*	
		For >250 To 500, Deduct	*-4.61*	
		For >500, Deduct	*-6.58*	
06 05 23 00-0099	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.84	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.53*	
		For >100 To 250, Deduct	*-3.05*	
		For >250 To 500, Deduct	*-5.33*	
		For >500, Deduct	*-7.61*	
06 05 23 00-0100	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	14.74	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.42*	
		For >100 To 250, Deduct	*-2.85*	
		For >250 To 500, Deduct	*-4.97*	
		For >500, Deduct	*-7.10*	
06 05 23 00-0101	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.96	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.53*	
		For >100 To 250, Deduct	*-3.06*	
		For >250 To 500, Deduct	*-5.34*	
		For >500, Deduct	*-7.62*	
06 05 23 00-0102	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	16.18	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.53*	
		For >100 To 250, Deduct	*-3.07*	
		For >250 To 500, Deduct	*-5.36*	
		For >500, Deduct	*-7.65*	
06 05 23 00-0103	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	19.36	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 250, Deduct	*-3.68*	
		For >250 To 500, Deduct	*-6.43*	
		For >500, Deduct	*-9.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0104	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	21.02	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-1.96*	
		For >100 To 250, Deduct	*-3.92*	
		For >250 To 500, Deduct	*-6.83*	
		For >500, Deduct	*-9.74*	
06 05 23 00-0105	EA	3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	23.66	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.17*	
		For >100 To 250, Deduct	*-4.35*	
		For >250 To 500, Deduct	*-7.58*	
		For >500, Deduct	*-10.81*	
06 05 23 00-0106	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	16.42	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.54*	
		For >100 To 250, Deduct	*-3.08*	
		For >250 To 500, Deduct	*-5.38*	
		For >500, Deduct	*-7.67*	
06 05 23 00-0107	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	17.99	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.66*	
		For >100 To 250, Deduct	*-3.31*	
		For >250 To 500, Deduct	*-5.77*	
		For >500, Deduct	*-8.23*	
06 05 23 00-0108	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	19.18	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 250, Deduct	*-3.52*	
		For >250 To 500, Deduct	*-6.14*	
		For >500, Deduct	*-8.75*	
06 05 23 00-0109	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	21.50	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-1.97*	
		For >100 To 250, Deduct	*-3.94*	
		For >250 To 500, Deduct	*-6.87*	
		For >500, Deduct	*-9.79*	
06 05 23 00-0110	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	25.27	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-2.29*	
		For >100 To 250, Deduct	*-4.58*	
		For >250 To 500, Deduct	*-7.98*	
		For >500, Deduct	*-11.37*	
06 05 23 00-0111	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	28.29	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.52*	
		For >100 To 250, Deduct	*-5.03*	
		For >250 To 500, Deduct	*-8.75*	
		For >500, Deduct	*-12.47*	
06 05 23 00-0112	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.39	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-1.92*	
		For >100 To 250, Deduct	*-3.83*	
		For >250 To 500, Deduct	*-6.65*	
		For >500, Deduct	*-9.48*	
06 05 23 00-0113	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	24.28	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-2.04*	
		For >100 To 250, Deduct	*-4.08*	
		For >250 To 500, Deduct	*-7.07*	
		For >500, Deduct	*-10.07*	
06 05 23 00-0114	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	29.07	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-2.39*	
		For >100 To 250, Deduct	*-4.77*	
		For >250 To 500, Deduct	*-8.26*	
		For >500, Deduct	*-11.75*	
06 05 23 00-0115	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	32.65	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-2.55*	
		For >100 To 250, Deduct	*-5.10*	
		For >250 To 500, Deduct	*-8.81*	
		For >500, Deduct	*-12.51*	
06 05 23 00-0116	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	35.44	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.77*	
		For >100 To 250, Deduct	*-5.54*	
		For >250 To 500, Deduct	*-9.57*	
		For >500, Deduct	*-13.59*	
06 05 23 00-0117	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	36.16	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-2.86*	
		For >100 To 250, Deduct	*-5.73*	
		For >250 To 500, Deduct	*-9.90*	
		For >500, Deduct	*-14.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0118		Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts *(06 05 23 00-0094)*		
06 05 23 00-0119	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.61	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.32*	
		For >100 To 250, Deduct	*-2.64*	
		For >250 To 500, Deduct	*-4.61*	
		For >500, Deduct	*-6.59*	
06 05 23 00-0120	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.86	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.33*	
		For >100 To 250, Deduct	*-2.65*	
		For >250 To 500, Deduct	*-4.63*	
		For >500, Deduct	*-6.61*	
06 05 23 00-0121	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	14.14	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.33*	
		For >100 To 250, Deduct	*-2.67*	
		For >250 To 500, Deduct	*-4.65*	
		For >500, Deduct	*-6.64*	
06 05 23 00-0122	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.78	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.55*	
		For >100 To 250, Deduct	*-3.10*	
		For >250 To 500, Deduct	*-5.40*	
		For >500, Deduct	*-7.71*	
06 05 23 00-0123	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.08	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 250, Deduct	*-2.86*	
		For >250 To 500, Deduct	*-5.00*	
		For >500, Deduct	*-7.14*	
06 05 23 00-0124	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.49	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.54*	
		For >100 To 250, Deduct	*-3.09*	
		For >250 To 500, Deduct	*-5.38*	
		For >500, Deduct	*-7.68*	
06 05 23 00-0125	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.80	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.55*	
		For >100 To 250, Deduct	*-3.10*	
		For >250 To 500, Deduct	*-5.40*	
		For >500, Deduct	*-7.71*	
06 05 23 00-0126	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	20.30	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-1.86*	
		For >100 To 250, Deduct	*-3.73*	
		For >250 To 500, Deduct	*-6.50*	
		For >500, Deduct	*-9.27*	
06 05 23 00-0127	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	22.07	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 250, Deduct	*-3.97*	
		For >250 To 500, Deduct	*-6.91*	
		For >500, Deduct	*-9.85*	
06 05 23 00-0128	EA	3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	24.65	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.20*	
		For >100 To 250, Deduct	*-4.40*	
		For >250 To 500, Deduct	*-7.65*	
		For >500, Deduct	*-10.91*	
06 05 23 00-0129	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	17.21	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.12*	
		For >250 To 500, Deduct	*-5.44*	
		For >500, Deduct	*-7.75*	
06 05 23 00-0130	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	18.62	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.67*	
		For >100 To 250, Deduct	*-3.34*	
		For >250 To 500, Deduct	*-5.82*	
		For >500, Deduct	*-8.29*	
06 05 23 00-0131	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.91	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.78*	
		For >100 To 250, Deduct	*-3.56*	
		For >250 To 500, Deduct	*-6.19*	
		For >500, Deduct	*-8.82*	
06 05 23 00-0132	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	22.57	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-2.00*	
		For >100 To 250, Deduct	*-3.99*	
		For >250 To 500, Deduct	*-6.95*	
		For >500, Deduct	*-9.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0133	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	26.31	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-2.32*	
		For >100 To 250, Deduct	*-4.63*	
		For >250 To 500, Deduct	*-8.05*	
		For >500, Deduct	*-11.48*	
06 05 23 00-0134	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	29.09	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.54*	
		For >100 To 250, Deduct	*-5.07*	
		For >250 To 500, Deduct	*-8.81*	
		For >500, Deduct	*-12.55*	
06 05 23 00-0135	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	24.78	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 250, Deduct	*-3.95*	
		For >250 To 500, Deduct	*-6.83*	
		For >500, Deduct	*-9.71*	
06 05 23 00-0136	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	25.93	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 250, Deduct	*-4.16*	
		For >250 To 500, Deduct	*-7.20*	
		For >500, Deduct	*-10.23*	
06 05 23 00-0137	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	30.25	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-2.41*	
		For >100 To 250, Deduct	*-4.83*	
		For >250 To 500, Deduct	*-8.35*	
		For >500, Deduct	*-11.87*	
06 05 23 00-0138	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	32.56	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-2.55*	
		For >100 To 250, Deduct	*-5.10*	
		For >250 To 500, Deduct	*-8.80*	
		For >500, Deduct	*-12.50*	
06 05 23 00-0139	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	36.98	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 250, Deduct	*-5.62*	
		For >250 To 500, Deduct	*-9.68*	
		For >500, Deduct	*-13.75*	
06 05 23 00-0140	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	39.36	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-2.94*	
		For >100 To 250, Deduct	*-5.89*	
		For >250 To 500, Deduct	*-10.14*	
		For >500, Deduct	*-14.39*	

06 05 23 00-0141 304/18-8 Stainless Steel, Carriage Bolts *(06 05 23 00-0094)*

06 05 23 00-0142	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	14.96	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.35*	
		For >100 To 250, Deduct	*-2.71*	
		For >250 To 500, Deduct	*-4.71*	
		For >500, Deduct	*-6.72*	
06 05 23 00-0143	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	17.04	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.41*	
		For >100 To 250, Deduct	*-2.81*	
		For >250 To 500, Deduct	*-4.87*	
		For >500, Deduct	*-6.93*	
06 05 23 00-0144	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	18.40	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 250, Deduct	*-2.88*	
		For >250 To 500, Deduct	*-4.97*	
		For >500, Deduct	*-7.06*	
06 05 23 00-0145	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	35.06	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 250, Deduct	*-4.01*	
		For >250 To 500, Deduct	*-6.77*	
		For >500, Deduct	*-9.53*	
06 05 23 00-0146	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	17.90	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 250, Deduct	*-3.01*	
		For >250 To 500, Deduct	*-5.21*	
		For >500, Deduct	*-7.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0147	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	21.91	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.68*	
		For >100 To 250, Deduct	*-3.36*	
		For >250 To 500, Deduct	*-5.79*	
		For >500, Deduct	*-8.22*	
06 05 23 00-0148	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	22.56	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.69*	
		For >100 To 250, Deduct	*-3.39*	
		For >250 To 500, Deduct	*-5.84*	
		For >500, Deduct	*-8.28*	
06 05 23 00-0149	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	47.28	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.54*	
		For >100 To 250, Deduct	*-5.08*	
		For >250 To 500, Deduct	*-8.52*	
		For >500, Deduct	*-11.96*	
06 05 23 00-0150	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	59.12	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-2.91*	
		For >100 To 250, Deduct	*-5.82*	
		For >250 To 500, Deduct	*-9.69*	
		For >500, Deduct	*-13.55*	
06 05 23 00-0151	EA	3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	66.38	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-3.24*	
		For >100 To 250, Deduct	*-6.48*	
		For >250 To 500, Deduct	*-10.78*	
		For >500, Deduct	*-15.08*	
06 05 23 00-0152	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	24.34	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-1.74*	
		For >100 To 250, Deduct	*-3.48*	
		For >250 To 500, Deduct	*-5.97*	
		For >500, Deduct	*-8.46*	
06 05 23 00-0153	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	28.25	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.91*	
		For >100 To 250, Deduct	*-3.82*	
		For >250 To 500, Deduct	*-6.54*	
		For >500, Deduct	*-9.26*	
06 05 23 00-0154	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	35.57	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.17*	
		For >100 To 250, Deduct	*-4.34*	
		For >250 To 500, Deduct	*-7.36*	
		For >500, Deduct	*-10.39*	
06 05 23 00-0155	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	61.03	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-2.96*	
		For >100 To 250, Deduct	*-5.92*	
		For >250 To 500, Deduct	*-9.83*	
		For >500, Deduct	*-13.74*	
06 05 23 00-0156	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	68.63	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-3.37*	
		For >100 To 250, Deduct	*-6.75*	
		For >250 To 500, Deduct	*-11.23*	
		For >500, Deduct	*-15.71*	
06 05 23 00-0157	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	113.62	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-4.65*	
		For >100 To 250, Deduct	*-9.30*	
		For >250 To 500, Deduct	*-15.15*	
		For >500, Deduct	*-21.01*	
06 05 23 00-0158	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	88.05	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-3.63*	
		For >100 To 250, Deduct	*-7.27*	
		For >250 To 500, Deduct	*-11.86*	
		For >500, Deduct	*-16.45*	
06 05 23 00-0159	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	127.40	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-4.84*	
		For >100 To 250, Deduct	*-9.69*	
		For >250 To 500, Deduct	*-15.64*	
		For >500, Deduct	*-21.58*	
06 05 23 00-0160	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	141.95	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-5.28*	
		For >100 To 250, Deduct	*-10.57*	
		For >250 To 500, Deduct	*-17.00*	
		For >500, Deduct	*-23.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0161	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	214.51	
		For >10 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-7.25*	
		For >100 To 250, Deduct	*-14.49*	
		For >250 To 500, Deduct	*-23.00*	
		For >500, Deduct	*-31.50*	
06 05 23 00-0162	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	225.81	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-7.61*	
		For >100 To 250, Deduct	*-15.21*	
		For >250 To 500, Deduct	*-24.12*	
		For >500, Deduct	*-33.03*	
06 05 23 00-0163		316 Stainless Steel, Carriage Bolts *(06 05 23 00-0094)*		
06 05 23 00-0164	EA	1/4" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	24.57	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.59*	
		For >100 To 250, Deduct	*-3.19*	
		For >250 To 500, Deduct	*-5.43*	
		For >500, Deduct	*-7.68*	
06 05 23 00-0165	EA	1/4" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	28.22	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.69*	
		For >100 To 250, Deduct	*-3.37*	
		For >250 To 500, Deduct	*-5.71*	
		For >500, Deduct	*-8.05*	
06 05 23 00-0166	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	30.47	
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.82*	
		For >100 To 250, Deduct	*-3.63*	
		For >250 To 500, Deduct	*-6.15*	
		For >500, Deduct	*-8.68*	
06 05 23 00-0167	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	36.54	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-2.04*	
		For >100 To 250, Deduct	*-4.09*	
		For >250 To 500, Deduct	*-6.88*	
		For >500, Deduct	*-9.68*	
06 05 23 00-0168	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	52.78	
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 250, Deduct	*-4.90*	
		For >250 To 500, Deduct	*-8.10*	
		For >500, Deduct	*-11.31*	
06 05 23 00-0169	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	57.73	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-2.65*	
		For >100 To 250, Deduct	*-5.30*	
		For >250 To 500, Deduct	*-8.75*	
		For >500, Deduct	*-12.21*	
06 05 23 00-0170	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt	62.35	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.84*	
		For >100 To 250, Deduct	*-5.68*	
		For >250 To 500, Deduct	*-9.37*	
		For >500, Deduct	*-13.07*	
06 05 23 00-0171		Hex Lag Bolts *(06 05 23 00-0093)*		
		Note: Includes drilling of holes in any material.		
06 05 23 00-0172		Zinc Plated Steel, Hex Lag Bolts *(06 05 23 00-0171)*		
06 05 23 00-0173	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	12.75	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 250, Deduct	*-2.52*	
		For >250 To 500, Deduct	*-4.41*	
		For >500, Deduct	*-6.30*	
06 05 23 00-0174	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	12.87	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 250, Deduct	*-2.53*	
		For >250 To 500, Deduct	*-4.42*	
		For >500, Deduct	*-6.31*	
06 05 23 00-0175	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	13.10	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.27*	
		For >100 To 250, Deduct	*-2.54*	
		For >250 To 500, Deduct	*-4.44*	
		For >500, Deduct	*-6.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0176	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	14.05	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 250, Deduct	*-2.76*	
		For >250 To 500, Deduct	*-4.82*	
		For >500, Deduct	*-6.88*	
06 05 23 00-0177	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	15.26	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.48*	
		For >100 To 250, Deduct	*-2.96*	
		For >250 To 500, Deduct	*-5.18*	
		For >500, Deduct	*-7.39*	
06 05 23 00-0178	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	15.52	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 250, Deduct	*-2.98*	
		For >250 To 500, Deduct	*-5.20*	
		For >500, Deduct	*-7.42*	
06 05 23 00-0179	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	18.99	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-1.79*	
		For >100 To 250, Deduct	*-3.59*	
		For >250 To 500, Deduct	*-6.26*	
		For >500, Deduct	*-8.94*	
06 05 23 00-0180	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	20.11	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-1.90*	
		For >100 To 250, Deduct	*-3.79*	
		For >250 To 500, Deduct	*-6.62*	
		For >500, Deduct	*-9.44*	
06 05 23 00-0181	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	15.54	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 250, Deduct	*-2.99*	
		For >250 To 500, Deduct	*-5.23*	
		For >500, Deduct	*-7.47*	
06 05 23 00-0182	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	16.90	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.60*	
		For >100 To 250, Deduct	*-3.21*	
		For >250 To 500, Deduct	*-5.60*	
		For >500, Deduct	*-7.99*	
06 05 23 00-0183	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	18.37	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.72*	
		For >100 To 250, Deduct	*-3.43*	
		For >250 To 500, Deduct	*-5.98*	
		For >500, Deduct	*-8.54*	
06 05 23 00-0184	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	20.90	
		For >10 To 50, Deduct	*-0.94*	
		For >50 To 100, Deduct	*-1.93*	
		For >100 To 250, Deduct	*-3.85*	
		For >250 To 500, Deduct	*-6.71*	
		For >500, Deduct	*-9.57*	
06 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	24.62	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.24*	
		For >100 To 250, Deduct	*-4.48*	
		For >250 To 500, Deduct	*-7.81*	
		For >500, Deduct	*-11.13*	
06 05 23 00-0186	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	26.86	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-2.44*	
		For >100 To 250, Deduct	*-4.89*	
		For >250 To 500, Deduct	*-8.52*	
		For >500, Deduct	*-12.14*	
06 05 23 00-0187	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	22.49	
		For >10 To 50, Deduct	*-0.94*	
		For >50 To 100, Deduct	*-1.97*	
		For >100 To 250, Deduct	*-3.93*	
		For >250 To 500, Deduct	*-6.83*	
		For >500, Deduct	*-9.73*	
06 05 23 00-0188	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	26.83	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 250, Deduct	*-4.59*	
		For >250 To 500, Deduct	*-7.97*	
		For >500, Deduct	*-11.36*	
06 05 23 00-0189	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	29.61	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-2.44*	
		For >100 To 250, Deduct	*-4.88*	
		For >250 To 500, Deduct	*-8.45*	
		For >500, Deduct	*-12.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0190	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	33.25	
		For >10 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-2.68*	
		For >100 To 250, Deduct	*-5.36*	
		For >250 To 500, Deduct	*-9.27*	
		For >500, Deduct	*-13.18*	
06 05 23 00-0191	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	37.15	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-2.85*	
		For >100 To 250, Deduct	*-5.70*	
		For >250 To 500, Deduct	*-9.83*	
		For >500, Deduct	*-13.96*	
06 05 23 00-0192		Hot Dipped Galvanized Steel, Hex Lag Bolts *(06 05 23 00-0171)*		
06 05 23 00-0193	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	12.80	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 250, Deduct	*-2.52*	
		For >250 To 500, Deduct	*-4.41*	
		For >500, Deduct	*-6.30*	
06 05 23 00-0194	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	12.98	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.27*	
		For >100 To 250, Deduct	*-2.53*	
		For >250 To 500, Deduct	*-4.43*	
		For >500, Deduct	*-6.32*	
06 05 23 00-0195	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	13.17	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.27*	
		For >100 To 250, Deduct	*-2.54*	
		For >250 To 500, Deduct	*-4.44*	
		For >500, Deduct	*-6.34*	
06 05 23 00-0196	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	14.15	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 250, Deduct	*-2.76*	
		For >250 To 500, Deduct	*-4.83*	
		For >500, Deduct	*-6.89*	
06 05 23 00-0197	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	15.41	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 250, Deduct	*-2.97*	
		For >250 To 500, Deduct	*-5.19*	
		For >500, Deduct	*-7.41*	
06 05 23 00-0198	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	15.71	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 250, Deduct	*-2.99*	
		For >250 To 500, Deduct	*-5.21*	
		For >500, Deduct	*-7.44*	
06 05 23 00-0199	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	19.34	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-1.80*	
		For >100 To 250, Deduct	*-3.61*	
		For >250 To 500, Deduct	*-6.29*	
		For >500, Deduct	*-8.97*	
06 05 23 00-0200	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	20.70	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-1.91*	
		For >100 To 250, Deduct	*-3.82*	
		For >250 To 500, Deduct	*-6.66*	
		For >500, Deduct	*-9.50*	
06 05 23 00-0201	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	15.81	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 250, Deduct	*-3.01*	
		For >250 To 500, Deduct	*-5.25*	
		For >500, Deduct	*-7.49*	
06 05 23 00-0202	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	17.04	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.61*	
		For >100 To 250, Deduct	*-3.22*	
		For >250 To 500, Deduct	*-5.61*	
		For >500, Deduct	*-8.01*	
06 05 23 00-0203	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	18.64	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.72*	
		For >100 To 250, Deduct	*-3.44*	
		For >250 To 500, Deduct	*-6.00*	
		For >500, Deduct	*-8.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0204	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	21.70	
		For >10 To 50, Deduct	*-0.94*	
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 250, Deduct	*-3.89*	
		For >250 To 500, Deduct	*-6.77*	
		For >500, Deduct	*-9.65*	
06 05 23 00-0205	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	25.01	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.25*	
		For >100 To 250, Deduct	*-4.50*	
		For >250 To 500, Deduct	*-7.84*	
		For >500, Deduct	*-11.17*	
06 05 23 00-0206	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	27.82	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-2.47*	
		For >100 To 250, Deduct	*-4.94*	
		For >250 To 500, Deduct	*-8.59*	
		For >500, Deduct	*-12.24*	
06 05 23 00-0207	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	23.08	
		For >10 To 50, Deduct	*-0.94*	
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 250, Deduct	*-3.96*	
		For >250 To 500, Deduct	*-6.88*	
		For >500, Deduct	*-9.79*	
06 05 23 00-0208	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	27.37	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 250, Deduct	*-4.62*	
		For >250 To 500, Deduct	*-8.01*	
		For >500, Deduct	*-11.41*	
06 05 23 00-0209	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	30.52	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-2.46*	
		For >100 To 250, Deduct	*-4.92*	
		For >250 To 500, Deduct	*-8.52*	
		For >500, Deduct	*-12.11*	
06 05 23 00-0210	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	35.39	
		For >10 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-2.73*	
		For >100 To 250, Deduct	*-5.46*	
		For >250 To 500, Deduct	*-9.43*	
		For >500, Deduct	*-13.39*	
06 05 23 00-0211	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	39.43	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-2.91*	
		For >100 To 250, Deduct	*-5.81*	
		For >250 To 500, Deduct	*-10.00*	
		For >500, Deduct	*-14.19*	

06 05 23 00-0212 304/18-8 Stainless Steel, Hex Lag Bolts *(06 05 23 00-0171)*

06 05 23 00-0213	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	13.87	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.29*	
		For >100 To 250, Deduct	*-2.58*	
		For >250 To 500, Deduct	*-4.49*	
		For >500, Deduct	*-6.41*	
06 05 23 00-0214	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	14.84	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.31*	
		For >100 To 250, Deduct	*-2.63*	
		For >250 To 500, Deduct	*-4.57*	
		For >500, Deduct	*-6.51*	
06 05 23 00-0215	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	17.49	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 250, Deduct	*-2.76*	
		For >250 To 500, Deduct	*-4.77*	
		For >500, Deduct	*-6.77*	
06 05 23 00-0216	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	17.03	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 250, Deduct	*-2.91*	
		For >250 To 500, Deduct	*-5.04*	
		For >500, Deduct	*-7.18*	
06 05 23 00-0217	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	19.49	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.59*	
		For >100 To 250, Deduct	*-3.18*	
		For >250 To 500, Deduct	*-5.50*	
		For >500, Deduct	*-7.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0218	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	21.18	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 250, Deduct	*-3.26*	
		For >250 To 500, Deduct	*-5.62*	
		For >500, Deduct	*-7.99*	
06 05 23 00-0219	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	47.69	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.51*	
		For >100 To 250, Deduct	*-5.02*	
		For >250 To 500, Deduct	*-8.42*	
		For >500, Deduct	*-11.81*	
06 05 23 00-0220	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	69.30	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-3.13*	
		For >100 To 250, Deduct	*-6.25*	
		For >250 To 500, Deduct	*-10.30*	
		For >500, Deduct	*-14.36*	
06 05 23 00-0221	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	21.35	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.64*	
		For >100 To 250, Deduct	*-3.28*	
		For >250 To 500, Deduct	*-5.67*	
		For >500, Deduct	*-8.05*	
06 05 23 00-0222	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	25.86	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 250, Deduct	*-3.66*	
		For >250 To 500, Deduct	*-6.27*	
		For >500, Deduct	*-8.89*	
06 05 23 00-0223	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	32.95	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 250, Deduct	*-4.16*	
		For >250 To 500, Deduct	*-7.08*	
		For >500, Deduct	*-10.00*	
06 05 23 00-0224	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	74.22	
		For >10 To 50, Deduct	*-0.94*	
		For >50 To 100, Deduct	*-3.26*	
		For >100 To 250, Deduct	*-6.52*	
		For >250 To 500, Deduct	*-10.71*	
		For >500, Deduct	*-14.91*	
06 05 23 00-0225	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	102.45	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-4.19*	
		For >100 To 250, Deduct	*-8.37*	
		For >250 To 500, Deduct	*-13.65*	
		For >500, Deduct	*-18.92*	
06 05 23 00-0226	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	120.29	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-4.78*	
		For >100 To 250, Deduct	*-9.56*	
		For >250 To 500, Deduct	*-15.52*	
		For >500, Deduct	*-21.49*	
06 05 23 00-0227	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	112.79	
		For >10 To 50, Deduct	*-0.94*	
		For >50 To 100, Deduct	*-4.22*	
		For >100 To 250, Deduct	*-8.45*	
		For >250 To 500, Deduct	*-13.60*	
		For >500, Deduct	*-18.76*	
06 05 23 00-0228	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	128.84	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-4.85*	
		For >100 To 250, Deduct	*-9.69*	
		For >250 To 500, Deduct	*-15.63*	
		For >500, Deduct	*-21.56*	
06 05 23 00-0229	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	134.01	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-5.05*	
		For >100 To 250, Deduct	*-10.10*	
		For >250 To 500, Deduct	*-16.28*	
		For >500, Deduct	*-22.46*	
06 05 23 00-0230	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	188.21	
		For >10 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-6.55*	
		For >100 To 250, Deduct	*-13.11*	
		For >250 To 500, Deduct	*-20.89*	
		For >500, Deduct	*-28.67*	
06 05 23 00-0231	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	205.84	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-7.07*	
		For >100 To 250, Deduct	*-14.13*	
		For >250 To 500, Deduct	*-22.48*	
		For >500, Deduct	*-30.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0232		**Stainless Steel Screws** *(06 05 23 00-0093)*		
06 05 23 00-0233	EA	#8 x 1-1/2" Stainless Steel Screw	2.01	
06 05 23 00-0234	EA	#9 x 1-1/2" Stainless Steel Screw	2.05	
06 05 23 00-0235	EA	#10 x 1-1/2" Stainless Steel Screw	2.11	
06 05 23 00-0236	EA	#12 x 1-1/2" Stainless Steel Screw	2.28	
06 05 23 00-0237		**Galvanized Steel Screws** *(06 05 23 00-0093)*		
06 05 23 00-0238	EA	#8 x 1-1/2" Galvanized Steel Screw	1.84	
06 05 23 00-0239	EA	#9 x 1-1/2" Galvanized Steel Screw	1.89	
06 05 23 00-0240	EA	#10 x 1-1/2" Galvanized Steel Screw	1.93	
06 05 23 00-0241	EA	#12 x 1-1/2" Galvanized Steel Screw	2.07	
06 05 23 00-0242	EA	#8 x 2-1/2" Galvanized Steel Screw	1.88	
06 05 23 00-0243	EA	#9 x 2-1/2" Galvanized Steel Screw	1.92	
06 05 23 00-0244	EA	#10 x 2-1/2" Galvanized Steel Screw	1.97	
06 05 23 00-0245	EA	#12 x 2-1/2" Galvanized Steel Screw	2.15	
06 05 23 00-0246		**Timber Bolts** *(06 05 23 00-0093)*		
		Note: Includes drilling of holes in any material.		
06 05 23 00-0247	EA	5/8" - 11 x 4" Threaded x 8" OAL A153 Galvanized Timber Bolt (Fastenal #11103914)	33.59	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.40*	
		For >100 To 250, Deduct	*-4.81*	
		For >250 To 500, Deduct	*-8.25*	
		For >500, Deduct	*-11.70*	
06 05 23 00-0248	EA	5/8" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103915)	38.01	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.70*	
		For >100 To 250, Deduct	*-5.40*	
		For >250 To 500, Deduct	*-9.27*	
		For >500, Deduct	*-13.14*	
06 05 23 00-0249	EA	5/8" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103916)	41.10	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-2.89*	
		For >100 To 250, Deduct	*-5.78*	
		For >250 To 500, Deduct	*-9.92*	
		For >500, Deduct	*-14.05*	
06 05 23 00-0250	EA	5/8" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103917)	46.05	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-3.12*	
		For >100 To 250, Deduct	*-6.25*	
		For >250 To 500, Deduct	*-10.68*	
		For >500, Deduct	*-15.12*	
06 05 23 00-0251	EA	5/8" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103918)	49.06	
		For >10 To 50, Deduct	*-1.39*	
		For >50 To 100, Deduct	*-3.30*	
		For >100 To 250, Deduct	*-6.61*	
		For >250 To 500, Deduct	*-11.30*	
		For >500, Deduct	*-15.99*	
06 05 23 00-0252	EA	5/8" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103919)	50.91	
		For >10 To 50, Deduct	*-1.45*	
		For >50 To 100, Deduct	*-3.44*	
		For >100 To 250, Deduct	*-6.88*	
		For >250 To 500, Deduct	*-11.77*	
		For >500, Deduct	*-16.66*	
06 05 23 00-0253	EA	3/4" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103920)	45.84	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-3.01*	
		For >100 To 250, Deduct	*-6.02*	
		For >250 To 500, Deduct	*-10.27*	
		For >500, Deduct	*-14.53*	
06 05 23 00-0254	EA	3/4" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103921)	47.98	
		For >10 To 50, Deduct	*-1.29*	
		For >50 To 100, Deduct	*-3.14*	
		For >100 To 250, Deduct	*-6.28*	
		For >250 To 500, Deduct	*-10.72*	
		For >500, Deduct	*-15.15*	
06 05 23 00-0255	EA	3/4" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103922)	53.35	
		For >10 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-3.39*	
		For >100 To 250, Deduct	*-6.78*	
		For >250 To 500, Deduct	*-11.54*	
		For >500, Deduct	*-16.30*	
06 05 23 00-0256	EA	3/4" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103923)	57.38	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-3.60*	
		For >100 To 250, Deduct	*-7.19*	
		For >250 To 500, Deduct	*-12.23*	
		For >500, Deduct	*-17.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0257	EA	3/4" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103924)	61.78	
		For >10 To 50, Deduct	*-1.51*	
		For >50 To 100, Deduct	*-3.81*	
		For >100 To 250, Deduct	*-7.63*	
		For >250 To 500, Deduct	*-12.95*	
		For >500, Deduct	*-18.27*	
06 05 23 00-0258		**Supports** *(06 05 23)*		
06 05 23 00-0259		**Shear Plates** *(06 05 23 00-0258)*		
06 05 23 00-0260	EA	2-5/8" Diameter, Shear Plate	15.66	3.72
		For >10 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-1.02*	
		For >100 To 250, Deduct	*-2.04*	
		For >250 To 500, Deduct	*-3.48*	
		For >500, Deduct	*-4.91*	
06 05 23 00-0261	EA	4" Diameter, Shear Plate	14.85	3.92
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-1.03*	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-3.52*	
		For >500, Deduct	*-4.98*	
06 05 23 00-0262		**Sill Anchors** *(06 05 23 00-0258)*		
06 05 23 00-0263	EA	Sill Anchor Embedded In Concrete	12.87	3.92
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.98*	
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-3.37*	
		For >500, Deduct	*-4.78*	
06 05 23 00-0264		**Spike Grids** *(06 05 23 00-0258)*		
06 05 23 00-0265	EA	3" x 6" Flat Or Curved Spike Grid	11.27	3.72
		For >10 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-0.91*	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-3.15*	
		For >500, Deduct	*-4.48*	
06 05 23 00-0266		**Split Rings** *(06 05 23 00-0258)*		
06 05 23 00-0267	EA	2-1/2" Diameter Split Ring	15.90	3.72
		For >10 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-1.03*	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-3.49*	
		For >500, Deduct	*-4.94*	
06 05 23 00-0268	EA	4" Diameter Split Ring	17.07	4.12
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.11*	
		For >100 To 250, Deduct	*-2.22*	
		For >250 To 500, Deduct	*-3.79*	
		For >500, Deduct	*-5.36*	
06 05 23 00-0269		**Toothed Rings** *(06 05 23 00-0258)*		
06 05 23 00-0270	EA	2-5/8" Or 4" Toothed Ring	12.14	3.72
		For >10 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-0.93*	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-3.21*	
		For >500, Deduct	*-4.56*	
06 05 23 00-0271		**Straps And Shields** *(06 05 23)*		
06 05 23 00-0272		**Shield Plate** *(06 05 23 00-0271)*		
06 05 23 00-0273	EA	5" Wide x 8" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN58Z)	8.13	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.92*	
		For >500, Deduct	*-1.39*	
06 05 23 00-0274	EA	5" Wide x 16" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN516Z)	13.03	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.35*	
		For >500, Deduct	*-2.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0275		**Strap Ties** *(06 05 23 00-0271)*		
06 05 23 00-0276	EA	1-1/4" Wide x 9" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA9)	3.04	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.77*	
06 05 23 00-0277	EA	1-1/4" Wide x 12" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA12)	3.13	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.78*	
06 05 23 00-0278	EA	1-1/4" Wide x 15" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA15)	3.99	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.98*	
06 05 23 00-0279	EA	1-1/4" Wide x 18" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA18)	4.15	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.99*	
06 05 23 00-0280	EA	1-1/4" Wide x 21" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA21)	4.32	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.64*	
		For >500, Deduct	*-1.01*	
06 05 23 00-0281	EA	1-1/4" Wide x 24" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA24)	4.95	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.75*	
		For >500, Deduct	*-1.19*	
06 05 23 00-0282	EA	1-1/4" Wide x 30" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA30)	6.51	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.86*	
		For >500, Deduct	*-1.34*	
06 05 23 00-0283	EA	1-1/4" Wide x 36" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA36)	7.55	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-1.01*	
		For >500, Deduct	*-1.56*	
06 05 23 00-0284	EA	1-1/4" Wide x 9" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA9)	3.39	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.80*	
06 05 23 00-0285	EA	1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA12)	3.52	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.52*	
		For >500, Deduct	*-0.81*	
06 05 23 00-0286	EA	1-1/4" Wide x 15" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA15)	4.48	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.65*	
		For >500, Deduct	*-1.03*	
06 05 23 00-0287	EA	1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA18)	4.68	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-1.05*	
06 05 23 00-0288	EA	1-1/4" Wide x 21" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA21)	4.78	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-1.06*	
06 05 23 00-0289	EA	1-1/4" Wide x 24" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA24)	5.45	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0290	EA	1-1/4" Wide x 30" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA30)	6.84	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.38*	
06 05 23 00-0291	EA	1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA36)	7.56	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-1.01*	
		For >500, Deduct	*-1.57*	
06 05 23 00-0292	EA	1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA49)	12.08	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.41*	
		For >500, Deduct	*-2.13*	
06 05 23 00-0293	EA	1-1/4" Wide x 9" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST9)	4.04	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.55*	
		For >500, Deduct	*-0.87*	
06 05 23 00-0294	EA	1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST12)	4.05	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.87*	
06 05 23 00-0295	EA	1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST18)	4.91	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.07*	
06 05 23 00-0296	EA	1-1/4" Wide x 22" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST22)	6.84	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.38*	
06 05 23 00-0297	EA	1-3/8" Wide x 6" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS6)	5.90	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.05*	
06 05 23 00-0298	EA	1-3/8" Wide x 8" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS8)	6.52	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.11*	
06 05 23 00-0299	EA	1-3/8" Wide x 12" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS12)	8.56	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.96*	
		For >500, Deduct	*-1.43*	
06 05 23 00-0300	EA	2-1/16" Wide x 27" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST27)	12.80	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.34*	
		For >500, Deduct	*-1.97*	
06 05 23 00-0301	EA	2-1/16" Wide x 37" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST37)	15.98	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-2.41*	
06 05 23 00-0302	EA	2-1/16" Wide x 48" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST48)	23.75	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-3.30*	
06 05 23 00-0303	EA	2-1/16" Wide x 60" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST60)	41.58	
		For >10 To 50, Deduct	*-0.11*	
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-3.68*	
		For >500, Deduct	*-5.20*	

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06 05 23 00-0304	EA	2-1/16" Wide x 72" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST72)	53.67	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-1.47*	
		For >100 To 250, Deduct	*-2.94*	
		For >250 To 500, Deduct	*-4.65*	
		For >500, Deduct	*-6.52*	
06 05 23 00-0305	EA	3" Wide x 28-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC28)	15.32	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.46*	
		For >100 To 250, Deduct	*-0.92*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-2.22*	
06 05 23 00-0306	EA	3" Wide x 40-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC40)	19.82	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.58*	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.79*	
06 05 23 00-0307	EA	3" Wide x 52-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC52)	23.15	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-3.24*	
06 05 23 00-0308	EA	3" Wide x 66-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC66)	35.39	
		For >10 To 50, Deduct	*-0.11*	
		For >50 To 100, Deduct	*-1.00*	
		For >100 To 250, Deduct	*-2.00*	
		For >250 To 500, Deduct	*-3.22*	
		For >500, Deduct	*-4.58*	
06 05 23 00-0309		Twist Strap Ties *(06 05 23 00-0271)*		
06 05 23 00-0310	EA	1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS12)	3.59	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.52*	
		For >500, Deduct	*-0.82*	
06 05 23 00-0311	EA	1-1/4" Wide x 16" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS16)	4.53	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.97*	
06 05 23 00-0312	EA	1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS18)	5.23	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.10*	
06 05 23 00-0313	EA	1-1/4" Wide x 20" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS20)	5.66	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.20*	
06 05 23 00-0314	EA	1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS12)	3.55	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.52*	
		For >500, Deduct	*-0.82*	
06 05 23 00-0315	EA	1-1/4" Wide x 16" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS16)	4.61	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.98*	
06 05 23 00-0316	EA	1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS18)	5.37	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.72*	
		For >500, Deduct	*-1.11*	
06 05 23 00-0317	EA	1-1/4" Wide x 20" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS20)	5.71	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0318	EA	1-1/4" Wide x 24" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS24)	7.88	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.97*	
		For >500, Deduct	*-1.48*	
06 05 23 00-0319	EA	1-1/4" Wide x 16" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS16)	6.03	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.12*	
06 05 23 00-0320	EA	1-1/4" Wide x 20" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS20)	7.21	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.36*	
06 05 23 00-0321	EA	1-1/4" Wide x 24" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS24)	8.40	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.01*	
		For >500, Deduct	*-1.53*	
06 05 23 00-0322		**Retrofit Plate Strap** *(06 05 23 00-0271)*		
06 05 23 00-0323	EA	1-3/8" Wide x 18-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS18)	6.01	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.18*	
06 05 23 00-0324	EA	1-3/8" Wide x 22-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS22)	6.91	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.27*	
06 05 23 00-0325	EA	1-3/8" Wide x 28-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS28)	8.34	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.94*	
		For >500, Deduct	*-1.41*	
06 05 23 00-0326		**Stud Shoe** *(06 05 23 00-0271)*		
06 05 23 00-0327	EA	6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS1.5)	10.40	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.16*	
		For >500, Deduct	*-1.73*	
06 05 23 00-0328	EA	6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS2.5)	20.92	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.78*	
06 05 23 00-0329	EA	6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS3)	21.01	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-1.95*	
		For >500, Deduct	*-2.79*	
06 05 23 00-0330	EA	6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS4.5)	28.32	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.78*	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-2.50*	
		For >500, Deduct	*-3.52*	
06 05 23 00-0331	EA	7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-SDS1.5)	26.58	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.74*	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-3.35*	
06 05 23 00-0332	EA	7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie HSS2-2-SDS3)	28.84	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.80*	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.58*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0333	EA	7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-3-SDS3)	30.55	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.84*	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.67*	
		For >500, Deduct	*-3.75*	
06 05 23 00-0334	EA	7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS4-SDS3)	46.41	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-1.24*	
		For >100 To 250, Deduct	*-2.47*	
		For >250 To 500, Deduct	*-3.86*	
		For >500, Deduct	*-5.33*	

06 05 23 00-0335 Nail Stops *(06 05 23 00-0271)*

06 05 23 00-0336	EA	1-1/2" Wide x 3" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS1)	2.78	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.46*	
		For >500, Deduct	*-0.74*	
06 05 23 00-0337	EA	1-1/2" Wide x 6" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS2)	2.92	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.47*	
		For >500, Deduct	*-0.75*	

06 05 73 Wood Treatment *(06 05)*

06 05 73 13 Fire-Retardant Wood Treatment *(06 05 73)*

06 05 73 13-0001 Preservative Treated Lumber *(06 05 73 13)*

06 05 73 13-0002 Fire Retardant Treatment (FRT) For Lumber *(06 05 73 13-0001)*

06 05 73 13-0003	MBF	Fire Retardant Treatment (FRT) For Lumber	737.88	

06 05 73 33 Preservative Wood Treatment *(06 05 73)*

06 05 73 33-0001 Preservative Treatment For Marine And Fresh Water Uses *(06 05 73 33)*

06 05 73 33-0002	MBF	Preservative Treatment For Marine And Fresh Water Lumber	107.32	

06 10 Rough Carpentry *(06)*

06 11 Wood Framing *(06 10)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.

06 11 13 Engineered Wood Products *(06 11)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.

06 11 13 00-0001 Built-Up Members *(06 11 13)*

Note: A structural framing member made from fastening separate pieces of lumber together.

06 11 13 00-0002 Built-Up Beams Or Joists *(06 11 13 00-0001)*

06 11 13 00-0003	LF	Two 2" x 6" Built-up Wood Beam Or Joist	3.96	1.72
		For Each Additional 2" x_" In The Built Up Member, Add	*0.66*	
06 11 13 00-0004	LF	Two 2" x 8" Built-up Wood Beam Or Joist	4.91	2.03
		For Each Additional 2" x_" In The Built Up Member, Add	*0.94*	
06 11 13 00-0005	LF	Two 2" x 10" Built-up Wood Beam Or Joist	6.24	2.43
		For Each Additional 2" x_" In The Built Up Member, Add	*1.30*	

06 11 13 00-0006 Built-Up Posts *(06 11 13 00-0001)*

06 11 13 00-0007	LF	Two 2" x 6" Built-up Wood Post	3.96	1.72
		For Each Additional 2" x_" In The Built Up Member, Add	*0.66*	
06 11 13 00-0008	LF	Two 2" x 8" Built-up Wood Post	4.91	2.03
		For Each Additional 2" x_" In The Built Up Member, Add	*0.94*	
06 11 13 00-0009	LF	Two 2" x 10" Built-up Wood Post	6.24	2.43
		For Each Additional 2" x_" In The Built Up Member, Add	*1.30*	

06 11 16 Mechanically Graded Lumber *(06 11)*

06 11 16 00-0001 Rafters And Joists *(06 11 16)*

06 11 16 00-0002 Rafters *(06 11 16 00-0001)*

Note: An inclined roof framing member to which a roof covering is attached.

06 11 16 00-0003	LF	2" x 6" Wood Rafter	2.28	1.21
06 11 16 00-0004	LF	2" x 8" Wood Rafter	2.66	1.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0005	LF	2" x 10" Wood Rafter	3.83	1.92
06 11 16 00-0006	LF	2" x 12" Wood Rafter	4.41	2.13
06 11 16 00-0007	LF	2" x 14" Wood Rafter	4.79	2.33
06 11 16 00-0008	LF	2" x 6" Pressure Treated Wood Rafter	2.89	1.21
06 11 16 00-0009	LF	2" x 8" Pressure Treated Wood Rafter	3.50	1.31
06 11 16 00-0010	LF	2" x 10" Pressure Treated Wood Rafter	4.73	1.92
06 11 16 00-0011	LF	2" x 12" Pressure Treated Wood Rafter	5.71	2.13
06 11 16 00-0012		**Joists** *(06 11 16 00-0001)*		
		Note: A series of parallel beams to support floors or ceilings.		
06 11 16 00-0013	LF	2" x 6" Wood Floor Joist	1.97	1.02
06 11 16 00-0014	LF	2" x 8" Wood Floor Joist	2.46	1.11
06 11 16 00-0015	LF	2" x 10" Wood Floor Joist	3.12	1.42
06 11 16 00-0016	LF	2" x 12" Wood Floor Joist	3.70	1.62
06 11 16 00-0017	LF	2" x 14" Wood Floor Joist	4.08	1.72
06 11 16 00-0018	LF	2" x 6" Pressure Treated Wood Floor Joist	2.58	1.02
06 11 16 00-0019	LF	2" x 8" Pressure Treated Wood Floor Joist	3.30	1.11
06 11 16 00-0020	LF	2" x 10" Pressure Treated Wood Floor Joist	4.02	1.42
06 11 16 00-0021	LF	2" x 12" Pressure Treated Wood Floor Joist	5.00	1.62
06 11 16 00-0022		**Purlins** *(06 11 16 00-0001)*		
		Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.		
06 11 16 00-0023	LF	2" x 4" Wood Purlin	1.60	0.61
06 11 16 00-0024	LF	2" x 6" Wood Purlin	1.99	0.67
06 11 16 00-0025	LF	2" x 8" Wood Purlin	2.41	0.74
06 11 16 00-0026	LF	2" x 10" Wood Purlin	2.92	0.81
06 11 16 00-0027	LF	2" x 4" Pressure Treated Wood Purlin	1.97	0.61
06 11 16 00-0028	LF	2" x 6" Pressure Treated Wood Purlin	2.60	0.67
06 11 16 00-0029	LF	2" x 8" Pressure Treated Wood Purlin	3.25	0.74
06 11 16 00-0030	LF	2" x 10" Pressure Treated Wood Purlin	3.82	0.81
06 11 16 00-0031		**Exposed Rafters Or Joists** *(06 11 16 00-0001)*		
06 11 16 00-0032		**Redwood Rafters Or Joists** *(06 11 16 00-0031)*		
06 11 16 00-0033	LF	2" x 6" Redwood Rafter Or Joist	2.94	1.02
06 11 16 00-0034	LF	2" x 8" Redwood Rafter Or Joist	3.58	1.11
06 11 16 00-0035	LF	2" x 10" Redwood Rafter Or Joist	4.46	1.42
06 11 16 00-0036	LF	2" x 12" Redwood Rafter Or Joist	5.39	1.62
06 11 16 00-0037		**Cedar Rafters Or Joists** *(06 11 16 00-0031)*		
06 11 16 00-0038	LF	2" x 6" Cedar Rafter Or Joist	1.98	1.02
06 11 16 00-0039	LF	2" x 8" Cedar Rafter Or Joist	2.23	1.11
06 11 16 00-0040	LF	2" x 10" Cedar Rafter Or Joist	2.57	1.42
06 11 16 00-0041	LF	2" x 12" Cedar Rafter Or Joist	2.93	1.62
06 11 16 00-0042		**Oak Rafters Or Joists** *(06 11 16 00-0031)*		
06 11 16 00-0043	LF	2" x 6" Oak Rafter Or Joist	2.37	1.02
06 11 16 00-0044	LF	2" x 8" Oak Rafter Or Joist	3.23	1.11
06 11 16 00-0045	LF	2" x 10" Oak Rafter Or Joist	4.17	1.42
06 11 16 00-0046	LF	2" x 12" Oak Rafter Or Joist	5.13	1.62
06 11 16 00-0047		**Framing** *(06 11 16)*		
06 11 16 00-0048		**Partition Framing** *(06 11 16 00-0047)*		
06 11 16 00-0049	LF	2" x 4" Wood Stud Framing, For Partition Walls	1.55	0.81
06 11 16 00-0050	LF	2" x 6" Wood Stud Framing, For Partition Walls	1.87	0.87
06 11 16 00-0051	LF	2" x 8" Wood Stud Framing, For Partition Walls	2.20	0.92
06 11 16 00-0052	LF	2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls	1.92	0.81
06 11 16 00-0053	LF	2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls	2.48	0.87
06 11 16 00-0054	LF	2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls	3.04	0.92
06 11 16 00-0055		**Wall Framing Assemblies By The SF** *(06 11 16 00-0047)*		
		Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices. Excludes blocking for wall mounted fixtures or cabinets. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.		
06 11 16 00-0056		**Wall Framing By The SF, 12" On Center** *(06 11 16 00-0055)*		
06 11 16 00-0057	SF	2" x 4" Wood Wall Framing At 12" On Center	2.02	0.98
		For Up To 200, Add	*0.69*	
		For >200 To 500, Add	*0.35*	
06 11 16 00-0058	SF	2" x 6" Wood Wall Framing At 12" On Center	2.70	1.25
		For Up To 200, Add	*0.91*	
		For >200 To 500, Add	*0.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0059	SF	2" x 8" Wood Wall Framing At 12" On Center	3.60	1.68
		For Up To 200, Add	*1.21*	
		For >200 To 500, Add	*0.61*	
06 11 16 00-0060		**Wall Framing By The SF, 16" On Center** *(06 11 16 00-0055)*		
06 11 16 00-0061	SF	2" x 4" Wood Wall Framing At 16" On Center	1.64	0.79
		For Up To 200, Add	*0.56*	
		For >200 To 500, Add	*0.28*	
06 11 16 00-0062	SF	2" x 6" Wood Wall Framing At 16" On Center	2.24	1.05
		For Up To 200, Add	*0.76*	
		For >200 To 500, Add	*0.38*	
06 11 16 00-0063	SF	2" x 8" Wood Wall Framing At 16" On Center	3.00	1.39
		For Up To 200, Add	*1.01*	
		For >200 To 500, Add	*0.51*	
06 11 16 00-0064		**Wall Framing By The SF, 24" On Center** *(06 11 16 00-0055)*		
06 11 16 00-0065	SF	2" x 4" Wood Wall Framing At 24" On Center	1.29	0.62
		For Up To 200, Add	*0.44*	
		For >200 To 500, Add	*0.22*	
06 11 16 00-0066	SF	2" x 6" Wood Wall Framing At 24" On Center	1.76	0.81
		For Up To 200, Add	*0.59*	
		For >200 To 500, Add	*0.30*	
06 11 16 00-0067	SF	2" x 8" Wood Wall Framing At 24" On Center	2.35	1.09
		For Up To 200, Add	*0.79*	
		For >200 To 500, Add	*0.40*	
06 11 16 00-0068		**Sills And Plates** *(06 11 16)*		
06 11 16 00-0069		**Sills** *(06 11 16 00-0068)*		
		Note: A horizontal member which rests on and is attached to the foundation.		
06 11 16 00-0070	LF	2" x 4" Wood Sill	2.67	1.52
06 11 16 00-0071	LF	2" x 6" Wood Sill	3.19	1.72
06 11 16 00-0072	LF	2" x 8" Wood Sill	3.80	1.92
06 11 16 00-0073	LF	2" x 4" Pressure Treated Wood Sill	3.04	1.52
06 11 16 00-0074	LF	2" x 6" Pressure Treated Wood Sill	3.80	1.72
06 11 16 00-0075	LF	2" x 8" Pressure Treated Wood Sill	4.64	1.92
06 11 16 00-0076		**Plates** *(06 11 16 00-0068)*		
		Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.		
06 11 16 00-0077	LF	2" x 4" Wood Plate	2.67	1.52
06 11 16 00-0078	LF	2" x 6" Wood Plate	3.19	1.72
06 11 16 00-0079	LF	2" x 8" Wood Plate	3.78	1.92
06 11 16 00-0080	LF	2" x 4" Pressure Treated Wood Plate	3.04	1.52
06 11 16 00-0081	LF	2" x 6" Pressure Treated Wood Plate	3.80	1.72
06 11 16 00-0082	LF	2" x 8" Pressure Treated Wood Plate	4.62	1.92
06 11 16 00-0083		**Sills And Plates From Redwood** *(06 11 16 00-0068)*		
06 11 16 00-0084		**Construction Grade/Rough** *(06 11 16 00-0083)*		
06 11 16 00-0085	LF	2" x 6" Redwood, Construction Grade/Rough	5.64	1.72
06 11 16 00-0086	LF	2" x 8" Redwood, Construction Grade/Rough	7.61	1.92
06 11 16 00-0087	LF	2" x 10" Redwood, Construction Grade/Rough	9.26	2.13
06 11 16 00-0088	LF	2" x 12" Redwood, Construction Grade/Rough	11.18	2.33
06 11 16 00-0089		**Con Heart/Smooth** *(06 11 16 00-0083)*		
06 11 16 00-0090	LF	2" x 6" Redwood, Con Heart/Smooth	6.96	1.72
06 11 16 00-0091	LF	2" x 8" Redwood, Con Heart/Smooth	9.60	1.92
06 11 16 00-0092	LF	2" x 10" Redwood, Con Heart/Smooth	12.63	2.13
06 11 16 00-0093	LF	2" x 12" Redwood, Con Heart/Smooth	15.18	2.33
06 11 16 00-0094		**Suspended Ceiling Framing** *(06 11 16)*		
06 11 16 00-0095	LF	1" x 2" Wood Suspended Ceiling Framing	2.21	1.31
06 11 16 00-0096	LF	1" x 3" Wood Suspended Ceiling Framing	2.40	1.42
06 11 16 00-0097	LF	1" x 4" Wood Suspended Ceiling Framing	2.52	1.52
06 11 16 00-0098	LF	2" x 2" Wood Suspended Ceiling Framing	2.59	1.52
06 11 16 00-0099	LF	2" x 4" Wood Suspended Ceiling Framing	3.08	1.72
06 11 16 00-0100	LF	1" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.48	1.31
06 11 16 00-0101	LF	1" x 3" Pressure Treated Wood Suspended Ceiling Framing	2.41	1.42
06 11 16 00-0102	LF	1" x 4" Pressure Treated Wood Suspended Ceiling Framing	2.71	1.52
06 11 16 00-0103	LF	2" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.91	1.52
06 11 16 00-0104	LF	2" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.40	1.72
06 11 16 00-0105		**Posts And Girts** *(06 11 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0106		**Posts** *(06 11 16 00-0105)*		
		Note: A vertical, upright framing member.		
06 11 16 00-0107	LF	4" x 4" Wood Post	3.87	1.92
06 11 16 00-0108	LF	4" x 5" Wood Post	4.41	2.23
06 11 16 00-0109	LF	4" x 6" Wood Post	4.85	2.43
06 11 16 00-0110	LF	6" x 6" Wood Post	5.40	2.64
06 11 16 00-0111	LF	8" x 8" Wood Post	5.95	2.74
06 11 16 00-0112	LF	10" x 10" Wood Post	6.48	3.15
06 11 16 00-0113	LF	4" x 4" Pressure Treated Wood Post	5.73	1.92
06 11 16 00-0114	LF	3" x 6" Pressure Treated Wood Post	6.61	2.43
06 11 16 00-0115	LF	4" x 6" Pressure Treated Wood Post	8.12	2.43
06 11 16 00-0116	LF	6" x 6" Pressure Treated Wood Post	11.57	2.64
06 11 16 00-0117		**Girts** *(06 11 16 00-0105)*		
		Note: A horizontal member at intermediate level between columns, studs, or posts.		
06 11 16 00-0118	LF	2" x 4" Wood Girt	1.85	0.73
06 11 16 00-0119	LF	2" x 6" Wood Girt	2.26	0.80
06 11 16 00-0120	LF	2" x 8" Wood Girt	2.70	0.89
06 11 16 00-0121	LF	2" x 10" Wood Girt	3.24	0.98
06 11 16 00-0122	LF	4" x 4" Wood Girt	3.75	1.46
06 11 16 00-0123	LF	4" x 5" Wood Girt	4.31	1.64
06 11 16 00-0124	LF	4" x 6" Wood Girt	4.83	1.82
06 11 16 00-0125	LF	6" x 6" Wood Girt	5.39	2.01
06 11 16 00-0126	LF	8" x 8" Wood Girt	5.93	2.19
06 11 16 00-0127	LF	10" x 10" Wood Girt	6.47	2.38
06 11 16 00-0128	LF	2" x 4" Pressure Treated Wood Girt	2.22	0.73
06 11 16 00-0129	LF	2" x 6" Pressure Treated Wood Girt	2.87	0.80
06 11 16 00-0130	LF	2" x 8" Pressure Treated Wood Girt	3.54	0.89
06 11 16 00-0131	LF	2" x 10" Pressure Treated Wood Girt	4.14	0.98
06 11 16 00-0132	LF	4" x 4" Pressure Treated Wood Girt	5.73	1.46
06 11 16 00-0133	LF	3" x 6" Pressure Treated Wood Girt	6.61	1.82
06 11 16 00-0134	LF	4" x 6" Pressure Treated Wood Girt	8.12	1.82
06 11 16 00-0135	LF	6" x 6" Pressure Treated Wood Girt	11.57	2.01
06 11 16 00-0136		**Construction Grade/Rough Redwood Posts** *(06 11 16 00-0105)*		
06 11 16 00-0137	LF	4" x 4" Redwood, Construction Grade/Rough Post	8.92	1.92
		For Smooth "Clear", Add	*1.20*	
06 11 16 00-0138	LF	4" x 5" Redwood, Construction Grade/Rough Post	10.78	2.23
		For Smooth "Clear", Add	*1.50*	
06 11 16 00-0139	LF	4" x 6" Redwood, Construction Grade/Rough Post	12.66	2.43
		For Smooth "Clear", Add	*1.80*	
06 11 16 00-0140	LF	4" x 8" Redwood, Construction Grade/Rough Post	15.83	2.50
		For Smooth "Clear", Add	*2.41*	
06 11 16 00-0141	LF	4" x 10" Redwood, Construction Grade/Rough Post	19.07	2.67
		For Smooth "Clear", Add	*3.01*	
06 11 16 00-0142	LF	6" x 6" Redwood, Construction Grade/Rough Post	17.55	2.64
		For Smooth "Clear", Add	*2.71*	
06 11 16 00-0143	LF	6" x 8" Redwood, Construction Grade/Rough Post	22.21	2.74
		For Smooth "Clear", Add	*3.61*	
06 11 16 00-0144	LF	6" x 10" Redwood, Construction Grade/Rough Post	26.83	2.57
		For Smooth "Clear", Add	*4.51*	
06 11 16 00-0145	LF	8" x 8" Redwood, Construction Grade/Rough Post	28.44	2.74
		For Smooth "Clear", Add	*4.81*	
06 11 16 00-0146		**Stair Stringers** *(06 11 16)*		
06 11 16 00-0147	LF	2" x 10" Wood Stair Stringer	7.36	4.05
06 11 16 00-0148	LF	2" x 12" Wood Stair Stringer	8.69	4.76
06 11 16 00-0149	LF	2" x 10" Pressure Treated Wood Stair Stringer	8.28	4.05
06 11 16 00-0150	LF	2" x 12" Pressure Treated Wood Stair Stringer	9.97	4.76
06 11 16 00-0151		**Blocking And Sleepers** *(06 11 16)*		
06 11 16 00-0152		**Blocking** *(06 11 16 00-0151)*		
06 11 16 00-0153		**Blocking To Wood** *(06 11 16 00-0152)*		
06 11 16 00-0154	LF	2" x 4" Pressure Treated Wood Blocking To Wood	5.96	2.43
06 11 16 00-0155	LF	2" x 6" Pressure Treated Wood Blocking To Wood	7.19	2.68
06 11 16 00-0156	LF	2" x 8" Pressure Treated Wood Blocking To Wood	8.25	2.94
06 11 16 00-0157	LF	4" x 4" Pressure Treated Wood Blocking To Wood	9.64	3.23
06 11 16 00-0158	LF	4" x 6" Pressure Treated Wood Blocking To Wood	11.83	3.56
06 11 16 00-0159	LF	2" x 4" Wood Blocking To Wood	5.26	2.43
06 11 16 00-0160	LF	2" x 6" Wood Blocking To Wood	6.02	2.68
06 11 16 00-0161	LF	2" x 8" Wood Blocking To Wood	6.84	2.94
06 11 16 00-0162	LF	4" x 4" Wood Blocking To Wood	7.44	3.23
06 11 16 00-0163	LF	4" x 6" Wood Blocking To Wood	8.34	3.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0164		**Blocking To Steel** *(06 11 16 00-0152)*		
06 11 16 00-0165	LF	2" x 4" Pressure Treated Wood Blocking To Steel	6.81	2.80
06 11 16 00-0166	LF	2" x 6" Pressure Treated Wood Blocking To Steel	8.17	3.08
06 11 16 00-0167	LF	2" x 8" Pressure Treated Wood Blocking To Steel	9.36	3.39
06 11 16 00-0168	LF	2" x 4" Wood Blocking To Steel	6.04	2.80
06 11 16 00-0169	LF	2" x 6" Wood Blocking To Steel	6.89	3.08
06 11 16 00-0170	LF	2" x 8" Wood Blocking To Steel	7.80	3.39
06 11 16 00-0171		**Blocking To Concrete** *(06 11 16 00-0152)*		
06 11 16 00-0172	LF	2" x 4" Pressure Treated Wood Blocking To Concrete	6.81	2.80
06 11 16 00-0173	LF	2" x 6" Pressure Treated Wood Blocking To Concrete	8.17	3.08
06 11 16 00-0174	LF	2" x 8" Pressure Treated Wood Blocking To Concrete	9.36	3.39
06 11 16 00-0175	LF	2" x 4" Wood Blocking To Concrete	6.04	2.80
06 11 16 00-0176	LF	2" x 6" Wood Blocking To Concrete	6.89	3.08
06 11 16 00-0177	LF	2" x 8" Wood Blocking To Concrete	7.80	3.39
06 11 16 00-0178		**Pressure Treated Lattice** *(06 11 16 00-0151)*		
06 11 16 00-0179	SF	3/4" Thick Pressure Treated Wood Lattice	5.78	2.13
06 11 16 00-0180		**Sleepers** *(06 11 16 00-0151)*		
06 11 16 00-0181		**Sleepers To Wood** *(06 11 16 00-0180)*		
06 11 16 00-0182	LF	1" x 2" Pressure Treated Wood Sleeper On Wood	1.16	0.36
06 11 16 00-0183	LF	1" x 3" Pressure Treated Wood Sleeper On Wood	1.09	0.41
06 11 16 00-0184	LF	1" x 4" Pressure Treated Wood Sleeper On Wood	1.30	0.46
06 11 16 00-0185	LF	2" x 4" Pressure Treated Wood Sleeper On Wood	2.21	0.56
06 11 16 00-0186	LF	2" x 6" Pressure Treated Wood Sleeper On Wood	3.05	0.61
06 11 16 00-0187		**Sleepers To Concrete** *(06 11 16 00-0180)*		
06 11 16 00-0188	LF	1" x 2" Pressure Treated Wood Sleeper On Concrete	1.21	0.36
06 11 16 00-0189	LF	1" x 3" Pressure Treated Wood Sleeper On Concrete	1.12	0.41
06 11 16 00-0190	LF	1" x 4" Pressure Treated Wood Sleeper On Concrete	1.34	0.46
06 11 16 00-0191	LF	2" x 4" Pressure Treated Wood Sleeper On Concrete	2.32	0.56
06 11 16 00-0192	LF	2" x 6" Pressure Treated Wood Sleeper On Concrete	3.23	0.61
06 11 16 00-0193		**Roofing Nailers** *(06 11 16)*		
06 11 16 00-0194	LF	2" x 4" Pressure Treated Lumber, For Roofing Nailers	3.09	0.81
06 11 16 00-0195	LF	2" x 6" Pressure Treated Lumber, For Roofing Nailers	3.70	0.87
06 11 16 00-0196	LF	2" x 8" Pressure Treated Lumber, For Roofing Nailers	4.31	0.92
06 11 16 00-0197		**Roofing Sleepers** *(06 11 16)*		
06 11 16 00-0198	LF	2" x 4" Pressure Treated Lumber, For Roofing Sleepers	1.52	
06 11 16 00-0199	LF	4" x 4" Pressure Treated Lumber, For Roofing Sleepers	4.29	
06 11 16 00-0200	LF	4" x 6" Pressure Treated Lumber, For Roofing Sleepers	6.30	
06 11 16 00-0201	LF	6" x 6" Pressure Treated Lumber, For Roofing Sleepers	9.58	
06 11 16 00-0202		**Canopy Framing, Bridging, And Furring** *(06 11 16)*		
06 11 16 00-0203		**Wood And Steel Bridging** *(06 11 16 00-0202)*		
06 11 16 00-0204		**Wood Bridging** *(06 11 16 00-0203)*		
06 11 16 00-0205	EA	1 Pair Wood Bridging, 1" x 3" Cross Type Note: For joists spaced at 16" on center.	8.14	3.55
06 11 16 00-0206	EA	1 Pair Wood Bridging, 2" x 3" Cross Type Note: For joists spaced at 16" on center.	8.36	3.55
06 11 16 00-0207		**Steel Bridging** *(06 11 16 00-0203)*		
06 11 16 00-0208	EA	1 Pair Steel Bridging, Wood Joists At 16" On Center	10.49	3.55
06 11 16 00-0209	EA	1 Pair Steel Bridging, Wood Joists At 24" On Center	10.46	3.55
06 11 16 00-0210		**Light Framing, Trim And Furring** *(06 11 16 00-0202)*		
06 11 16 00-0211		**Pine/Spruce/Fir Light Framing, Trim And Furring** *(06 11 16 00-0210)* Note: S4S board, select grade 1		
06 11 16 00-0212	LF	1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring	1.78	0.83
06 11 16 00-0213	LF	1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	2.00	0.92
06 11 16 00-0214	LF	1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	2.30	1.01
06 11 16 00-0215	LF	1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	2.56	1.10
06 11 16 00-0216	LF	1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	2.83	1.21
06 11 16 00-0217	LF	1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	3.14	1.33
06 11 16 00-0218	LF	2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	2.57	1.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0219	LF	2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	2.87	1.21
06 11 16 00-0220	LF	2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	3.34	1.33
06 11 16 00-0221	LF	2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	3.88	1.47
06 11 16 00-0222	LF	2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	4.54	1.62
06 11 16 00-0223		Cedar Light Framing, Trim And Furring *(06 11 16 00-0210)*		
		Note: S4S board, select grade 1		
06 11 16 00-0224	LF	1" x 1" Cedar Light Framing, Trim And Furring	1.80	0.83
06 11 16 00-0225	LF	1" x 2" Cedar Light Framing, Trim And Furring	2.11	0.92
06 11 16 00-0226	LF	1" x 4" Cedar Light Framing, Trim And Furring	2.72	1.01
06 11 16 00-0227	LF	1" x 6" Cedar Light Framing, Trim And Furring	3.28	1.10
06 11 16 00-0228	LF	1" x 8" Cedar Light Framing, Trim And Furring	4.73	1.21
06 11 16 00-0229	LF	1" x 10" Cedar Light Framing, Trim And Furring	5.55	1.33
06 11 16 00-0230	LF	2" x 2" Cedar Light Framing, Trim And Furring	2.84	1.10
06 11 16 00-0231	LF	2" x 4" Cedar Light Framing, Trim And Furring	3.27	1.21
06 11 16 00-0232		Oak Light Framing, Trim And Furring *(06 11 16 00-0210)*		
		Note: S4S board, select grade 1		
06 11 16 00-0233	LF	1" x 1" Oak Light Framing, Trim And Furring	1.81	0.83
06 11 16 00-0234	LF	1" x 2" Oak Light Framing, Trim And Furring	2.12	0.92
06 11 16 00-0235	LF	1" x 4" Oak Light Framing, Trim And Furring	2.61	1.01
06 11 16 00-0236	LF	1" x 6" Oak Light Framing, Trim And Furring	3.12	1.10
06 11 16 00-0237	LF	1" x 8" Oak Light Framing, Trim And Furring	3.64	1.21
06 11 16 00-0238	LF	1" x 10" Oak Light Framing, Trim And Furring	4.19	1.33
06 11 16 00-0239	LF	2" x 2" Oak Light Framing, Trim And Furring	2.82	1.10
06 11 16 00-0240	LF	2" x 4" Oak Light Framing, Trim And Furring	3.64	1.21
06 11 16 00-0241		Redwood Light Framing, Trim And Furring *(06 11 16 00-0210)*		
		Note: S4S board, select grade 1		
06 11 16 00-0242	LF	1" x 1" Redwood Light Framing, Trim And Furring	1.77	0.83
06 11 16 00-0243	LF	1" x 2" Redwood Light Framing, Trim And Furring	2.04	0.92
06 11 16 00-0244	LF	1" x 4" Redwood Light Framing, Trim And Furring	2.47	1.01
06 11 16 00-0245	LF	1" x 6" Redwood Light Framing, Trim And Furring	2.94	1.10
06 11 16 00-0246	LF	1" x 8" Redwood Light Framing, Trim And Furring	3.45	1.21
06 11 16 00-0247	LF	1" x 10" Redwood Light Framing, Trim And Furring	4.02	1.33
06 11 16 00-0248	LF	2" x 2" Redwood Light Framing, Trim And Furring	2.95	1.10
06 11 16 00-0249	LF	2" x 4" Redwood Light Framing, Trim And Furring	3.47	1.21
06 11 16 00-0250		Poplar Light Framing, Trim And Furring *(06 11 16 00-0210)*		
		Note: S4S board, select grade 1		
06 11 16 00-0251	LF	1" x 1" Poplar Light Framing, Trim And Furring	2.02	0.83
06 11 16 00-0252	LF	1" x 2" Poplar Light Framing, Trim And Furring	2.44	0.92
06 11 16 00-0253	LF	1" x 4" Poplar Light Framing, Trim And Furring	3.04	1.01
06 11 16 00-0254	LF	1" x 6" Poplar Light Framing, Trim And Furring	3.81	1.10
06 11 16 00-0255	LF	1" x 8" Poplar Light Framing, Trim And Furring	4.41	1.21
06 11 16 00-0256	LF	1" x 10" Poplar Light Framing, Trim And Furring	5.74	1.33
06 11 16 00-0257	LF	1" x 12" Poplar Light Framing, Trim And Furring	6.17	1.33
06 11 16 00-0258	LF	2" x 2" Poplar Light Framing, Trim And Furring	4.90	1.10
06 11 16 00-0259	LF	2" x 4" Poplar Light Framing, Trim And Furring	5.48	1.21
06 11 16 00-0260	LF	2" x 6" Poplar Light Framing, Trim And Furring	7.25	1.33
06 11 16 00-0261		Maple Light Framing, Trim And Furring *(06 11 16 00-0210)*		
		Note: S4S board, select grade 1		
06 11 16 00-0262	LF	1" x 4" Maple Light Framing, Trim And Furring	3.72	1.01
06 11 16 00-0263	LF	1" x 6" Maple Light Framing, Trim And Furring	4.86	1.10
06 11 16 00-0264	LF	1" x 8" Maple Light Framing, Trim And Furring	6.05	1.21

06 13 Heavy Timber Construction *(06 10)*

06 13 23 Heavy Timber Framing *(06 13)*

06 13 23 00-0001 Heavy Timber Framing *(06 13 23)*
Note: Excludes fasteners. See CSI section 06 05 23 00-0093 for bolts and fasteners.

06 13 23 00-0002 Heavy Timber Beams *(06 13 23 00-0001)*

06 13 23 00-0003 Pine, Heavy Timber Beams *(06 13 23 00-0002)*

06 13 23 00-0004	LF	4" x 4", Pine, Heavy Timber Beam	5.36	1.80
06 13 23 00-0005	LF	4" x 6", Pine, Heavy Timber Beam	6.40	1.87
06 13 23 00-0006	LF	4" x 8", Pine, Heavy Timber Beam	7.43	1.95
06 13 23 00-0007	LF	4" x 10", Pine, Heavy Timber Beam	9.51	2.08
06 13 23 00-0008	LF	4" x 12", Pine, Heavy Timber Beam	11.22	2.20
06 13 23 00-0009	LF	6" x 6", Pine, Heavy Timber Beam	7.99	2.03
06 13 23 00-0010	LF	6" x 8", Pine, Heavy Timber Beam	9.49	2.13
06 13 23 00-0011	LF	6" x 10", Pine, Heavy Timber Beam	12.60	2.28
06 13 23 00-0012	LF	6" x 12", Pine, Heavy Timber Beam	14.87	2.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0013	LF	8" x 8", Pine, Heavy Timber Beam	11.47	2.20
06 13 23 00-0014	LF	8" x 10", Pine, Heavy Timber Beam	15.28	2.28
06 13 23 00-0015	LF	8" x 12", Pine, Heavy Timber Beam	18.36	2.33
06 13 23 00-0016	LF	10" x 10", Pine, Heavy Timber Beam	18.15	2.33
06 13 23 00-0017	LF	10" x 12", Pine, Heavy Timber Beam	22.10	2.53
06 13 23 00-0018	LF	12" x 12", Pine, Heavy Timber Beam	25.99	2.79
06 13 23 00-0019	BF	>12" To 16" Pine, Heavy Timber Beam	2.17	0.23
		Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.		

06 13 23 00-0020 Douglas Fir, Heavy Timber Beams *(06 13 23 00-0002)*

06 13 23 00-0021	LF	4" x 4", Douglas Fir, Heavy Timber Beam	5.53	1.80
06 13 23 00-0022	LF	4" x 6", Douglas Fir, Heavy Timber Beam	6.66	1.87
06 13 23 00-0023	LF	4" x 8", Douglas Fir, Heavy Timber Beam	7.79	1.95
06 13 23 00-0024	LF	4" x 10", Douglas Fir, Heavy Timber Beam	10.04	2.08
06 13 23 00-0025	LF	4" x 12", Douglas Fir, Heavy Timber Beam	11.90	2.20
06 13 23 00-0026	LF	6" x 6", Douglas Fir, Heavy Timber Beam	8.38	2.03
06 13 23 00-0027	LF	6" x 8", Douglas Fir, Heavy Timber Beam	10.01	2.13
06 13 23 00-0028	LF	6" x 10", Douglas Fir, Heavy Timber Beam	13.39	2.28
06 13 23 00-0029	LF	6" x 12", Douglas Fir, Heavy Timber Beam	15.90	2.33
06 13 23 00-0030	LF	8" x 8", Douglas Fir, Heavy Timber Beam	12.17	2.20
06 13 23 00-0031	LF	8" x 10", Douglas Fir, Heavy Timber Beam	16.35	2.28
06 13 23 00-0032	LF	8" x 12", Douglas Fir, Heavy Timber Beam	19.72	2.33
06 13 23 00-0033	LF	10" x 10", Douglas Fir, Heavy Timber Beam	19.48	2.33
06 13 23 00-0034	LF	10" x 12", Douglas Fir, Heavy Timber Beam	23.78	2.53
06 13 23 00-0035	LF	12" x 12", Douglas Fir, Heavy Timber Beam	28.03	2.79
06 13 23 00-0036	BF	>12" To 16" Douglas Fir, Heavy Timber Beam	2.34	0.23
		Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.		

06 13 23 00-0037 Pressure Treated, Heavy Timber Beams *(06 13 23 00-0002)*

06 13 23 00-0038	LF	4" x 4", Pressure Treated, Heavy Timber Beam	6.41	1.80
06 13 23 00-0039	LF	4" x 6", Pressure Treated, Heavy Timber Beam	8.23	1.87
06 13 23 00-0040	LF	4" x 8", Pressure Treated, Heavy Timber Beam	9.81	1.95
06 13 23 00-0041	LF	4" x 10", Pressure Treated, Heavy Timber Beam	13.11	2.08
06 13 23 00-0042	LF	4" x 12", Pressure Treated, Heavy Timber Beam	15.79	2.20
06 13 23 00-0043	LF	6" x 6", Pressure Treated, Heavy Timber Beam	11.57	2.03
06 13 23 00-0044	LF	6" x 8", Pressure Treated, Heavy Timber Beam	14.30	2.13
06 13 23 00-0045	LF	6" x 10", Pressure Treated, Heavy Timber Beam	17.23	2.28
06 13 23 00-0046	LF	6" x 12", Pressure Treated, Heavy Timber Beam	21.30	2.33
06 13 23 00-0047	LF	8" x 8", Pressure Treated, Heavy Timber Beam	21.56	2.20
06 13 23 00-0048	LF	8" x 10", Pressure Treated, Heavy Timber Beam	25.14	2.28
06 13 23 00-0049	LF	8" x 12", Pressure Treated, Heavy Timber Beam	29.71	2.33
06 13 23 00-0050	LF	10" x 10", Pressure Treated, Heavy Timber Beam	29.84	2.33
06 13 23 00-0051	LF	10" x 12", Pressure Treated, Heavy Timber Beam	39.71	2.53
06 13 23 00-0052	LF	12" x 12", Pressure Treated, Heavy Timber Beam	47.15	2.79
06 13 23 00-0053	BF	>12" To 16" Pressure Treated, Heavy Timber Beam	3.93	0.23
		Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.		

06 13 23 00-0054 Heavy Timber Columns *(06 13 23 00-0001)*

06 13 23 00-0055 Pine, Heavy Timber Columns *(06 13 23 00-0054)*

06 13 23 00-0056	LF	4" x 4", Pine, Heavy Timber Column	3.66	0.95
06 13 23 00-0057	LF	4" x 6", Pine, Heavy Timber Column	4.65	1.00
06 13 23 00-0058	LF	4" x 8", Pine, Heavy Timber Column	5.59	1.03
06 13 23 00-0059	LF	4" x 10", Pine, Heavy Timber Column	7.55	1.09
06 13 23 00-0060	LF	4" x 12", Pine, Heavy Timber Column	9.13	1.16
06 13 23 00-0061	LF	6" x 6", Pine, Heavy Timber Column	6.09	1.06
06 13 23 00-0062	LF	6" x 8", Pine, Heavy Timber Column	7.51	1.10
06 13 23 00-0063	LF	6" x 10", Pine, Heavy Timber Column	10.44	1.20
06 13 23 00-0064	LF	6" x 12", Pine, Heavy Timber Column	12.66	1.22
06 13 23 00-0065	LF	8" x 8", Pine, Heavy Timber Column	9.38	1.16
06 13 23 00-0066	LF	8" x 10", Pine, Heavy Timber Column	13.12	1.20
06 13 23 00-0067	LF	8" x 12", Pine, Heavy Timber Column	16.11	1.25
06 13 23 00-0068	LF	10" x 10", Pine, Heavy Timber Column	15.90	1.25
06 13 23 00-0069	LF	10" x 12", Pine, Heavy Timber Column	19.70	1.33
06 13 23 00-0070	LF	12" x 12", Pine, Heavy Timber Column	23.35	1.47
06 13 23 00-0071	BF	>12" To 16" Pine, Heavy Timber Column	1.94	0.12
		Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.		

06 13 23 00-0072 Douglas Fir, Heavy Timber Columns *(06 13 23 00-0054)*

06 13 23 00-0073	LF	4" x 4", Douglas Fir, Heavy Timber Column	3.83	0.95
06 13 23 00-0074	LF	4" x 6", Douglas Fir, Heavy Timber Column	4.91	1.00
06 13 23 00-0075	LF	4" x 8", Douglas Fir, Heavy Timber Column	5.95	1.03
06 13 23 00-0076	LF	4" x 10", Douglas Fir, Heavy Timber Column	8.08	1.09
06 13 23 00-0077	LF	4" x 12", Douglas Fir, Heavy Timber Column	9.81	1.16
06 13 23 00-0078	LF	6" x 6", Douglas Fir, Heavy Timber Column	6.48	1.06
06 13 23 00-0079	LF	6" x 8", Douglas Fir, Heavy Timber Column	8.03	1.10
06 13 23 00-0080	LF	6" x 10", Douglas Fir, Heavy Timber Column	11.23	1.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0081	LF	6" x 12", Douglas Fir, Heavy Timber Column	13.69	1.22
06 13 23 00-0082	LF	8" x 8", Douglas Fir, Heavy Timber Column	10.08	1.16
06 13 23 00-0083	LF	8" x 10", Douglas Fir, Heavy Timber Column	14.19	1.20
06 13 23 00-0084	LF	8" x 12", Douglas Fir, Heavy Timber Column	17.47	1.25
06 13 23 00-0085	LF	10" x 10", Douglas Fir, Heavy Timber Column	17.23	1.25
06 13 23 00-0086	LF	10" x 12", Douglas Fir, Heavy Timber Column	21.38	1.33
06 13 23 00-0087	LF	12" x 12", Douglas Fir, Heavy Timber Column	25.39	1.47
06 13 23 00-0088	BF	>12" To 16" Douglas Fir, Heavy Timber Column Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.	2.11	0.12
06 13 23 00-0089		Pressure Treated, Heavy Timber Columns *(06 13 23 00-0054)*		
06 13 23 00-0090	LF	4" x 4", Pressure Treated, Heavy Timber Column	4.71	0.95
06 13 23 00-0091	LF	4" x 6", Pressure Treated, Heavy Timber Column	6.48	1.00
06 13 23 00-0092	LF	4" x 8", Pressure Treated, Heavy Timber Column	7.97	1.03
06 13 23 00-0093	LF	4" x 10", Pressure Treated, Heavy Timber Column	11.15	1.09
06 13 23 00-0094	LF	4" x 12", Pressure Treated, Heavy Timber Column	13.70	1.16
06 13 23 00-0095	LF	6" x 6", Pressure Treated, Heavy Timber Column	9.67	1.06
06 13 23 00-0096	LF	6" x 8", Pressure Treated, Heavy Timber Column	12.32	1.10
06 13 23 00-0097	LF	6" x 10", Pressure Treated, Heavy Timber Column	15.07	1.20
06 13 23 00-0098	LF	6" x 12", Pressure Treated, Heavy Timber Column	19.09	1.22
06 13 23 00-0099	LF	8" x 8", Pressure Treated, Heavy Timber Column	19.47	1.16
06 13 23 00-0100	LF	8" x 10", Pressure Treated, Heavy Timber Column	22.98	1.20
06 13 23 00-0101	LF	8" x 12", Pressure Treated, Heavy Timber Column	27.46	1.25
06 13 23 00-0102	LF	10" x 10", Pressure Treated, Heavy Timber Column	27.59	1.25
06 13 23 00-0103	LF	10" x 12", Pressure Treated, Heavy Timber Column	37.31	1.33
06 13 23 00-0104	LF	12" x 12", Pressure Treated, Heavy Timber Column	44.51	1.47
06 13 23 00-0105	BF	>12" To 16" Pressure Treated, Heavy Timber Column Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.	3.70	0.12

06 15 Wood Decking *(06 10)*

06 15 13 Wood Floor Decking *(06 15)*

06 15 13 00-0001 Wood Deck Systems *(06 15 13)*
Note: Includes the deck, joists, girders, railing posts 8' on-center, pickets and railing. Excludes ground posts.

06 15 13 00-0002 Pressure Treated Wood Deck System *(06 15 13 00-0001)*

06 15 13 00-0003 2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0004	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	33.77	7.13
06 15 13 00-0005	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	32.64	6.77
06 15 13 00-0006	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	35.00	7.31
06 15 13 00-0007	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	33.87	6.95

06 15 13 00-0008 2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0009	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	34.88	7.31
06 15 13 00-0010	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	33.71	6.94
06 15 13 00-0011	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	36.13	7.50
06 15 13 00-0012	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center	34.98	7.12

06 15 13 00-0013 2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0014	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	33.77	7.13
06 15 13 00-0015	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	32.64	6.77
06 15 13 00-0016	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	35.00	7.31
06 15 13 00-0017	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	33.87	6.95

06 15 13 00-0018 Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0001)*

06 15 13 00-0019 2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*

06 15 13 00-0020	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	35.89	7.13
06 15 13 00-0021	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	34.85	6.57
06 15 13 00-0022	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	37.65	7.31
06 15 13 00-0023	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	36.37	6.95

06 15 13 00-0024 2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*

06 15 13 00-0025	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	38.20	7.31
06 15 13 00-0026	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	37.13	6.94
06 15 13 00-0027	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	40.10	7.50
06 15 13 00-0028	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	38.82	7.12

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0029			2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*		
	06 15 13 00-0030	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	36.74	7.13
	06 15 13 00-0031	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	35.70	6.77
	06 15 13 00-0032	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	38.54	7.31
	06 15 13 00-0033	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	37.95	6.95
06 15 13 00-0034			Wood Ramp Systems *(06 15 13)*		
			Note: Includes the decking, joists, girders, railing posts at corners and along ramp, pickets and railing. Excludes ground posts.		
06 15 13 00-0035			Pressure Treated Wood Ramp System *(06 15 13 00-0034)*		
06 15 13 00-0036			2" x 6" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0035)*		
	06 15 13 00-0037	SF	5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	39.45	6.95
	06 15 13 00-0038	SF	5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	38.01	6.61
	06 15 13 00-0039	SF	2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	40.80	7.13
	06 15 13 00-0040	SF	2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	39.36	6.77
06 15 13 00-0041			2" x 8" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0035)*		
	06 15 13 00-0042	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	40.67	7.13
	06 15 13 00-0043	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	39.21	6.77
	06 15 13 00-0044	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	42.09	7.31
	06 15 13 00-0045	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	40.61	6.95
06 15 13 00-0046			2" x 10" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0035)*		
	06 15 13 00-0047	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	41.94	7.30
	06 15 13 00-0048	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	40.45	6.94
	06 15 13 00-0049	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	43.40	7.50
	06 15 13 00-0050	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	41.90	7.12
06 15 13 00-0051			Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0034)*		
06 15 13 00-0052			2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0051)*		
	06 15 13 00-0053	SF	5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	41.43	6.95
	06 15 13 00-0054	SF	5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	40.09	6.61
	06 15 13 00-0055	SF	2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	43.29	7.13
	06 15 13 00-0056	SF	2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	41.70	6.77
06 15 13 00-0057			2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0051)*		
	06 15 13 00-0058	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	42.79	7.13
	06 15 13 00-0059	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	41.42	6.77
	06 15 13 00-0060	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	44.74	7.31
	06 15 13 00-0061	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	43.11	6.95
06 15 13 00-0062			2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0051)*		
	06 15 13 00-0063	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	45.28	7.30
	06 15 13 00-0064	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	43.87	6.94
	06 15 13 00-0065	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	47.38	7.50
	06 15 13 00-0066	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	46.17	7.12
06 15 13 00-0067			Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0034)*		
06 15 13 00-0068			2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0067)*		
	06 15 13 00-0069	SF	5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	40.15	6.95
	06 15 13 00-0070	SF	5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	38.74	6.61
	06 15 13 00-0071	SF	2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	41.56	7.13
	06 15 13 00-0072	SF	2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	40.16	6.77
06 15 13 00-0073			2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0067)*		
	06 15 13 00-0074	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	41.42	7.13
	06 15 13 00-0075	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	39.99	6.77
	06 15 13 00-0076	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	42.90	7.31
	06 15 13 00-0077	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	41.46	6.95
06 15 13 00-0078			2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0067)*		
	06 15 13 00-0079	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	42.76	7.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0080	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	41.28	6.94
06 15 13 00-0081	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	44.27	7.50
06 15 13 00-0082	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	42.81	7.12
06 15 13 00-0083		**Wood Stair Systems** *(06 15 13)* Note: Includes the decking, joists, girders, railing posts at corners and along stairs, pickets and railing. Excludes ground posts.		
06 15 13 00-0084		**Pressure Treated Wood Stair System** *(06 15 13 00-0083)*		
06 15 13 00-0085		**2" x 10" Joists, Pressure Treated Wood Stair System** *(06 15 13 00-0084)*		
06 15 13 00-0086	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	106.43	17.12
06 15 13 00-0087	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	103.64	16.26
06 15 13 00-0088	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	109.68	17.55
06 15 13 00-0089	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	106.38	16.68
06 15 13 00-0090	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	111.75	17.97
06 15 13 00-0091	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	108.83	17.08
06 15 13 00-0092	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	115.16	18.43
06 15 13 00-0093	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	111.71	17.52
06 15 13 00-0094	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	117.21	18.87
06 15 13 00-0095	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	114.14	17.93
06 15 13 00-0096	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	120.79	19.36
06 15 13 00-0097	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	117.16	18.38
06 15 13 00-0098	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	124.36	19.82
06 15 13 00-0099	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	121.22	18.82
06 15 13 00-0100	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	128.19	20.32
06 15 13 00-0101	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	124.42	19.31
06 15 13 00-0102		**2" x 12" Joists, Pressure Treated Wood Stair System** *(06 15 13 00-0084)*		
06 15 13 00-0103	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	108.72	17.54
06 15 13 00-0104	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	105.47	16.67
06 15 13 00-0105	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	112.16	17.99
06 15 13 00-0106	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	108.84	17.10
06 15 13 00-0107	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	114.17	18.42
06 15 13 00-0108	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	110.75	17.51
06 15 13 00-0109	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	117.76	18.89
06 15 13 00-0110	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	114.28	17.95
06 15 13 00-0111	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	119.76	19.34
06 15 13 00-0112	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	116.17	18.37
06 15 13 00-0113	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	123.53	19.84
06 15 13 00-0114	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	119.87	18.85
06 15 13 00-0115	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	127.04	20.31
06 15 13 00-0116	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	123.33	19.30
06 15 13 00-0117	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	131.08	20.83
06 15 13 00-0118	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	127.28	19.79
06 15 13 00-0119		**Redwood With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0083)*		
06 15 13 00-0120		**2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0119)*		
06 15 13 00-0121	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	118.18	17.12
06 15 13 00-0122	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	115.29	16.26
06 15 13 00-0123	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	122.16	17.55
06 15 13 00-0124	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	119.23	16.68
06 15 13 00-0125	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	124.08	17.97
06 15 13 00-0126	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	121.06	17.08
06 15 13 00-0127	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	128.27	18.43
06 15 13 00-0128	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	125.20	17.52
06 15 13 00-0129	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	130.11	18.87
06 15 13 00-0130	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	126.91	17.93
06 15 13 00-0131	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	134.49	19.36
06 15 13 00-0132	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	131.26	18.38
06 15 13 00-0133	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	138.54	19.82
06 15 13 00-0134	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	135.28	18.82
06 15 13 00-0135	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	143.26	20.32
06 15 13 00-0136	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	139.93	19.31
06 15 13 00-0137		**2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0119)*		
06 15 13 00-0138	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	117.01	17.54
06 15 13 00-0139	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	114.05	16.67
06 15 13 00-0140	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	120.79	17.99
06 15 13 00-0141	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	117.87	17.10
06 15 13 00-0142	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	122.87	18.42
06 15 13 00-0143	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	119.76	17.51
06 15 13 00-0144	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	126.82	18.89
06 15 13 00-0145	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	123.77	17.95
06 15 13 00-0146	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	128.85	19.34
06 15 13 00-0147	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	125.58	18.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0148	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	133.00	19.84
06 15 13 00-0149	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	129.78	18.85
06 15 13 00-0150	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	137.04	20.31
06 15 13 00-0151	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	133.68	19.30
06 15 13 00-0152	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	141.49	20.83
06 15 13 00-0153	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	138.18	19.79

06 15 13 00-0154 Wood Deck And Ramp Systems Repairs *(06 15 13)*
Note: Includes removal of material and screws. Excludes anchors and bolts.

06 15 13 00-0155 Deck Joist Or Girt *(06 15 13 00-0154)*
See CSI section 06 11 16 00-0012 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement.

06 15 13 00-0156 Deck Boards *(06 15 13 00-0154)*
See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement.

06 15 13 00-0157	LF	5/4" x 4" Round Edge Pressure Treated Deck Boards	2.05	0.78
06 15 13 00-0158	LF	5/4" x 6" Round Edge Pressure Treated Deck Boards	2.25	0.93
06 15 13 00-0159	LF	2" x 4" Round Edge Pressure Treated Deck Boards	2.14	0.93
06 15 13 00-0160	LF	2" x 6" Round Edge Pressure Treated Deck Boards	2.86	1.07
06 15 13 00-0161	LF	2" x 8" Round Edge Pressure Treated Deck Boards	3.67	1.27
06 15 13 00-0162	LF	2" x 10" Round Edge Pressure Treated Deck Boards	4.51	1.56
06 15 13 00-0163	LF	2" x 12" Round Edge Pressure Treated Deck Boards	5.58	1.84
06 15 13 00-0164	LF	2" x 4" Round Edge Cedar Deck Boards	2.23	0.93
06 15 13 00-0165	LF	2" x 6" Round Edge Cedar Deck Boards	2.86	1.07
06 15 13 00-0166	LF	2" x 4" Round Edge Redwood Deck Boards	2.42	0.93
06 15 13 00-0167	LF	2" x 6" Round Edge Redwood Deck Boards	3.15	1.07

06 15 13 00-0168 Deck Posts *(06 15 13 00-0154)*
See CSI section 06 11 16 00-0105 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.

06 15 13 00-0169 Deck Railing And Pickets *(06 15 13 00-0154)*
See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement.

06 15 13 00-0170	LF	2" x 4" Pressure Treated Deck Railing	2.14	0.93
06 15 13 00-0171	LF	2" x 2" Pressure Treated Deck Railing Picket	1.42	0.71
06 15 13 00-0172	LF	2" x 4" Cedar Deck Railing	2.23	0.93
06 15 13 00-0173	LF	2" x 2" Cedar Deck Railing Picket	1.69	0.71
06 15 13 00-0174	LF	2" x 4" Redwood Deck Railing	2.42	0.93
06 15 13 00-0175	LF	2" x 2" Redwood Deck Railing Picket	1.84	0.71

06 16 Sheathing *(06 10)*

06 16 23 Subflooring *(06 16)*

06 16 23 00-0001 Board Type Subflooring *(06 16 23)*

06 16 23 00-0002	SF	1" x 8" Regular Surface Board Type Subfloor Note: 4 Sides Laid In A Regular Pattern.	2.47	0.81
		For Water Resistant Coating Or Treatment, Add	*0.04*	
		For Foil Backing, Add	*0.07*	
		For Tongue And Groove, Add	*0.05*	
06 16 23 00-0003	SF	1" x 8" Diagonal Surface Board Type Subfloor Note: 4 Sides Laid In A Diagonal Pattern.	2.80	1.02
		For Water Resistant Coating Or Treatment, Add	*0.04*	
		For Foil Backing, Add	*0.07*	
		For Tongue And Groove, Add	*0.05*	
06 16 23 00-0004	SF	1" x 10" Regular Surface Board Type Subfloor Note: 4 sides laid in a regular pattern.	2.33	0.71
		For Water Resistant Coating Or Treatment, Add	*0.04*	
		For Foil Backing, Add	*0.07*	
		For Tongue And Groove, Add	*0.05*	
06 16 23 00-0005	SF	1" x 10" Diagonal Surface Board Type Subfloor Note: 4 sides laid in a diagonal pattern.	2.57	0.81
		For Water Resistant Coating Or Treatment, Add	*0.04*	
		For Foil Backing, Add	*0.07*	
		For Tongue And Groove, Add	*0.05*	

06 16 33 Wood Board Sheathing *(06 16)*

06 16 33 00-0001 Plywood *(06 16 33)*

06 16 33 00-0002 Roof Decking *(06 16 33 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0003	SF	3/8" Thick CDX Plywood Roof Decking	1.94	0.51
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.24*	
		For Exterior CC Grade Plywood, Add	*0.11*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.24*	
		For ACQ Preservative Treatment, Add	*0.36*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.79*	
		For Fire Retardant Treatment, Add	*0.59*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.15*	
06 16 33 00-0004	SF	1/2" Thick CDX Plywood Roof Decking	2.21	0.61
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.26*	
		For Exterior CC Grade Plywood, Add	*0.14*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.26*	
		For ACQ Preservative Treatment, Add	*0.44*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.95*	
		For Fire Retardant Treatment, Add	*0.72*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.17*	
06 16 33 00-0005	SF	5/8" Thick CDX Plywood Roof Decking	2.47	0.61
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.28*	
		For Exterior CC Grade Plywood, Add	*0.16*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.28*	
		For ACQ Preservative Treatment, Add	*0.51*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.10*	
		For Fire Retardant Treatment, Add	*0.85*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.20*	
		For Tongue And Groove, Add	*0.07*	
06 16 33 00-0006	SF	3/4" Thick CDX Plywood Roof Decking	2.75	0.71
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.30*	
		For Exterior CC Grade Plywood, Add	*0.18*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.30*	
		For ACQ Preservative Treatment, Add	*0.59*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.28*	
		For Fire Retardant Treatment, Add	*0.97*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.17*	
		For >12,800, Deduct	*-0.22*	
		For Tongue And Groove, Add	*0.09*	
06 16 33 00-0007	SF	1" Thick CDX Plywood Roof Decking	3.32	0.81
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.33*	
		For Exterior CC Grade Plywood, Add	*0.25*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.33*	
		For ACQ Preservative Treatment, Add	*0.80*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.48*	
		For Fire Retardant Treatment, Add	*1.32*	
		For >1,696 To 3,200, Deduct	*-0.10*	
		For >3,200 To 6,400, Deduct	*-0.15*	
		For >6,400 To 12,800, Deduct	*-0.22*	
		For >12,800, Deduct	*-0.28*	
		For Tongue And Groove, Add	*0.12*	
06 16 33 00-0008		Wall Sheathing *(06 16 33 00-0001)*		
06 16 33 00-0009	SF	1/4" Interior BC Plywood Wall Sheathing	2.26	0.71
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.30*	
		For Exterior CC Grade Plywood, Add	*0.11*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.30*	
		For Ceiling Installation, Add	*0.15*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.28*	
		For Fire Retardant Treatment, Add	*0.58*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0010	SF	5/16" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.30	0.71
		For Shear Wall Construction, Add	*0.30*	
		For Exterior CC Grade Plywood, Add	*0.12*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.30*	
		For Ceiling Installation, Add	*0.15*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.28*	
		For Fire Retardant Treatment, Add	*0.62*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.17*	
06 16 33 00-0011	SF	3/8" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.37	0.81
		For Shear Wall Construction, Add	*0.30*	
		For Exterior CC Grade Plywood, Add	*0.13*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.30*	
		For Ceiling Installation, Add	*0.15*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.28*	
		For Fire Retardant Treatment, Add	*0.67*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.18*	
06 16 33 00-0012	SF	1/2" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.69	0.81
		For Shear Wall Construction, Add	*0.32*	
		For Exterior CC Grade Plywood, Add	*0.16*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.32*	
		For Ceiling Installation, Add	*0.16*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.43*	
		For Fire Retardant Treatment, Add	*0.85*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.16*	
		For >12,800, Deduct	*-0.21*	
06 16 33 00-0013	SF	5/8" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.94	0.92
		For Shear Wall Construction, Add	*0.35*	
		For Exterior CC Grade Plywood, Add	*0.18*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.35*	
		For Ceiling Installation, Add	*0.17*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.60*	
		For Fire Retardant Treatment, Add	*0.96*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.18*	
		For >12,800, Deduct	*-0.23*	
06 16 33 00-0014	SF	3/4" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	3.26	1.02
		For Shear Wall Construction, Add	*0.37*	
		For Exterior CC Grade Plywood, Add	*0.21*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.37*	
		For Ceiling Installation, Add	*0.19*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.81*	
		For Fire Retardant Treatment, Add	*1.10*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.20*	
		For >12,800, Deduct	*-0.26*	

06 16 33 00-0015 Floor Decking *(06 16 33 00-0001)*

Note: Includes patching of seams and all fastener holes where necessary.

06 16 33 00-0016	SF	5/16" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	1.67	0.61
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.71*	
		For Fire Retardant Treatment, Add	*0.42*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.12*	
		For ACQ Preservative Treatment, Add	*0.25*	
		For Fir Plywood, Add	*0.10*	
		For BC Grade Plywood, Add	*0.08*	
		For Exterior Glue, Add	*0.05*	
		For Marine Grade, Add	*0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0017	SF	3/8" CD Grade Plywood Floor Decking	1.82	0.61
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.80*	
		For Fire Retardant Treatment, Add	*0.49*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.13*	
		For ACQ Preservative Treatment, Add	*0.30*	
		For Fir Plywood, Add	*0.11*	
		For BC Grade Plywood, Add	*0.09*	
		For Exterior Glue, Add	*0.06*	
		For Marine Grade, Add	*0.49*	
06 16 33 00-0018	SF	1/2" CD Grade Plywood Floor Decking	2.08	0.61
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.89*	
		For Fire Retardant Treatment, Add	*0.65*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.16*	
		For ACQ Preservative Treatment, Add	*0.39*	
		For Fir Plywood, Add	*0.15*	
		For BC Grade Plywood, Add	*0.12*	
		For Exterior Glue, Add	*0.08*	
		For Marine Grade, Add	*0.64*	
06 16 33 00-0019	SF	5/8" CD Grade Plywood Floor Decking	2.30	0.61
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.07*	
		For Fire Retardant Treatment, Add	*0.73*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.18*	
		For ACQ Preservative Treatment, Add	*0.44*	
		For Fir Plywood, Add	*0.17*	
		For BC Grade Plywood, Add	*0.14*	
		For Exterior Glue, Add	*0.09*	
		For Marine Grade, Add	*0.72*	
06 16 33 00-0020	SF	3/4" CD Grade Plywood Floor Decking	2.64	0.61
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.19*	
		For Fire Retardant Treatment, Add	*0.93*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.17*	
		For >12,800, Deduct	*-0.21*	
		For ACQ Preservative Treatment, Add	*0.57*	
		For Fir Plywood, Add	*0.22*	
		For BC Grade Plywood, Add	*0.17*	
		For Exterior Glue, Add	*0.11*	
		For Marine Grade, Add	*0.92*	
06 16 33 00-0021	SF	1-1/8" CD Grade Plywood Floor Decking	3.98	0.92
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.61*	
		For Fire Retardant Treatment, Add	*1.77*	
		For >1,696 To 3,200, Deduct	*-0.13*	
		For >3,200 To 6,400, Deduct	*-0.20*	
		For >6,400 To 12,800, Deduct	*-0.29*	
		For >12,800, Deduct	*-0.36*	
		For ACQ Preservative Treatment, Add	*1.08*	
		For Fir Plywood, Add	*0.41*	
		For BC Grade Plywood, Add	*0.33*	
		For Exterior Glue, Add	*0.21*	
		For Marine Grade, Add	*1.75*	
06 16 33 00-0022	SF	1/2" AC Fir Plywood Floor Decking	2.57	0.61
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.89*	
		For Fire Retardant Treatment, Add	*1.03*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.12*	
		For >6,400 To 12,800, Deduct	*-0.18*	
		For >12,800, Deduct	*-0.22*	
		For ACQ Preservative Treatment, Add	*0.63*	
		For Exterior Glue, Add	*0.12*	
		For Marine Grade, Add	*1.03*	
		For Tongue And Groove, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0023	SF	5/8" AC Fir Plywood Floor Decking Note: Applied to floor or joists.	2.82	0.61
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.07*	
		For Fire Retardant Treatment, Add	*1.14*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.19*	
		For >12,800, Deduct	*-0.24*	
		For ACQ Preservative Treatment, Add	*0.69*	
		For Exterior Glue, Add	*0.13*	
		For Marine Grade, Add	*1.13*	
		For Tongue And Groove, Add	*0.10*	
06 16 33 00-0024	SF	3/4" AC Fir Plywood Floor Decking Note: Applied to floor or joists.	3.03	0.61
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.21*	
		For Fire Retardant Treatment, Add	*1.23*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.14*	
		For >6,400 To 12,800, Deduct	*-0.21*	
		For >12,800, Deduct	*-0.26*	
		For ACQ Preservative Treatment, Add	*0.75*	
		For Exterior Glue, Add	*0.15*	
		For Marine Grade, Add	*1.22*	
		For Tongue And Groove, Add	*0.11*	
06 16 33 00-0025		Underlayment Grade *(06 16 33 00-0001)* Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0026	SF	1/4" Thick Plywood Underlayment BC Grade	1.80	0.61
		For Fire Retardant Treatment, Add	*0.50*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
06 16 33 00-0027	SF	3/8" Thick Plywood Underlayment BC Grade	1.91	0.61
		For Fire Retardant Treatment, Add	*0.54*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.14*	
06 16 33 00-0028	SF	1/2" Thick Plywood Underlayment BC Grade	1.99	0.71
		For Fire Retardant Treatment, Add	*0.58*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.15*	
06 16 33 00-0029	SF	5/8" Thick Plywood Underlayment BC Grade	2.28	0.71
		For Fire Retardant Treatment, Add	*0.70*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.18*	
		For Tongue And Groove, Add	*0.06*	
06 16 33 00-0030	SF	3/4" Thick Plywood Underlayment BC Grade	2.47	0.71
		For Fire Retardant Treatment, Add	*0.85*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.20*	
		For Tongue And Groove, Add	*0.07*	
06 16 33 00-0031	SF	1-1/8" Thick Plywood Underlayment BC Grade	3.19	0.81
		For Fire Retardant Treatment, Add	*1.28*	
		For >1,696 To 3,200, Deduct	*-0.10*	
		For >3,200 To 6,400, Deduct	*-0.15*	
		For >6,400 To 12,800, Deduct	*-0.19*	
		For >12,800, Deduct	*-0.27*	
		For Tongue And Groove, Add	*0.11*	
06 16 33 00-0032	SF	3/8" Thick CDX Plywood Underlayment Grade	2.07	0.61
		For Fire Retardant Treatment, Add	*0.66*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.16*	
06 16 33 00-0033	SF	5/8" Thick CDX Plywood Underlayment Grade	2.64	0.71
		For Fire Retardant Treatment, Add	*1.00*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.22*	
06 16 33 00-0034		Oriented Strand Board *(06 16 33)*		
06 16 33 00-0035		On Roof *(06 16 33 00-0034)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0036	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Roof	1.54	0.61
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.10*	
		For Fire Retardant Treatment, Add	*0.28*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.79*	
06 16 33 00-0037	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Roof	1.71	0.61
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.11*	
		For Fire Retardant Treatment, Add	*0.32*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.95*	
06 16 33 00-0038	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Roof	1.99	0.71
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.14*	
		For Fire Retardant Treatment, Add	*0.47*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.10*	
06 16 33 00-0039	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Roof	2.30	0.71
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.17*	
		For Fire Retardant Treatment, Add	*0.62*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.28*	
06 16 33 00-0040		**On Walls** *(06 16 33 00-0034)*		
06 16 33 00-0041	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Walls	1.87	0.71
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.12*	
		For Fire Retardant Treatment, Add	*0.28*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.28*	
06 16 33 00-0042	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Walls	2.03	0.81
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
		For Fire Retardant Treatment, Add	*0.32*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.43*	
06 16 33 00-0043	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Walls	2.32	0.92
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.16*	
		For Fire Retardant Treatment, Add	*0.47*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.60*	
06 16 33 00-0044	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Walls	2.65	0.92
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.19*	
		For Fire Retardant Treatment, Add	*0.62*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.81*	
06 16 33 00-0045		**On Floors** *(06 16 33 00-0034)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0046	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Floors	1.57	0.61
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.10*	
		For Fire Retardant Treatment, Add	*0.28*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.83*	
06 16 33 00-0047	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Floors	1.87	0.71
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.12*	
		For Fire Retardant Treatment, Add	*0.32*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.19*	
06 16 33 00-0048	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Floors	2.18	0.81
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.15*	
		For Fire Retardant Treatment, Add	*0.47*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0049	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Floors	2.51	0.92
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.18*	
		For Fire Retardant Treatment, Add	*0.62*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.60*	
06 16 33 00-0050		Particle Board *(06 16 33)*		
06 16 33 00-0051		Particle Board Floor Decking *(06 16 33 00-0050)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0052	SF	3/8" Particle Board Floor Decking	1.50	0.51
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.24*	
		For >1,536 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.06*	
		For >12,800, Deduct	*-0.10*	
		For Tongue And Groove, Add	*0.02*	
06 16 33 00-0053	SF	1/2" Particle Board Floor Decking	1.69	0.51
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.34*	
		For >1,536 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.11*	
		For Tongue And Groove, Add	*0.03*	
06 16 33 00-0054	SF	5/8" Particle Board Floor Decking	1.87	0.61
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.43*	
		For >1,536 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
		For Tongue And Groove, Add	*0.04*	
06 16 33 00-0055	SF	3/4" Particle Board Floor Decking	2.04	0.61
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.50*	
		For >1,536 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.15*	
		For Tongue And Groove, Add	*0.04*	
06 16 43		**Gypsum Sheathing** *(06 16)*		
06 16 43 00-0001		Exterior Gypsum Sheathing *(06 16 43)*		
		Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.		
06 16 43 00-0002	SF	1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	2.85	0.81
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*2.43*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.32*	
		For Ceiling Installation, Add	*0.16*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.18*	
		For >12,800, Deduct	*-0.23*	
06 16 43 00-0003	SF	5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	3.06	1.02
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*2.60*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.35*	
		For Ceiling Installation, Add	*0.17*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.12*	
		For >6,400 To 12,800, Deduct	*-0.19*	
		For >12,800, Deduct	*-0.25*	
06 17		**Shop-Fabricated Structural Wood** *(06 10)*		
06 17 13		**Laminated Veneer Lumber** *(06 17)*		
06 17 13 00-0001		Laminated Veneer Lumber (LVL) *(06 17 13)*		
06 17 13 00-0002	LF	1-3/4" Wide x 5-1/2" Deep Laminated Veneer Lumber (LVL)	6.38	1.75
06 17 13 00-0003	LF	1-3/4" Wide x 7-1/4" Deep Laminated Veneer Lumber (LVL)	6.94	1.78
06 17 13 00-0004	LF	1-3/4" Wide x 9-1/2" Deep Laminated Veneer Lumber (LVL)	7.60	1.81
06 17 13 00-0005	LF	1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL)	8.43	1.84
06 17 13 00-0006	LF	1-3/4" Wide x 14" Deep Laminated Veneer Lumber (LVL)	9.05	1.87
06 17 13 00-0007	LF	1-3/4" Wide x 16" Deep Laminated Veneer Lumber (LVL)	9.93	1.93
06 17 13 00-0008	LF	1-3/4" Wide x 18" Deep Laminated Veneer Lumber (LVL)	11.17	1.96
06 17 13 00-0009	LF	1-3/4" Wide x 24" Deep Laminated Veneer Lumber (LVL)	15.13	2.23
06 17 23		**Parallel Strand Lumber** *(06 17)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 23 00-0001		Laminated Strand Lumber (LSL) *(06 17 23)*		
06 17 23 00-0002	LF	2" x 4" Laminated Strand Lumber (LSL)	2.19	0.81
06 17 23 00-0003	LF	2" x 6" Laminated Strand Lumber (LSL)	2.89	0.87
06 17 33		**Wood I-Joists** *(06 17)*		
06 17 33 00-0001		Prefabricated Wood I-Joists *(06 17 33)*		
06 17 33 00-0002	LF	9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	4.12	1.22
		For I-Joists 30' To 40' In Length, Add	*0.53*	
		For I-Joists >40' In Length, Add	*1.31*	
06 17 33 00-0003	LF	11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	4.46	1.36
		For I-Joists 30' To 40' In Length, Add	*0.60*	
		For I-Joists >40' In Length, Add	*1.46*	
06 17 33 00-0004	LF	14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	5.20	1.52
		For I-Joists 30' To 40' In Length, Add	*0.67*	
		For I-Joists >40' In Length, Add	*1.65*	
06 17 33 00-0005	LF	16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	5.85	1.69
		For I-Joists 30' To 40' In Length, Add	*0.75*	
		For I-Joists >40' In Length, Add	*1.83*	
06 17 43		**Rim Boards** *(06 17)*		
06 17 43 00-0001		Oriented Strand Board (OSB) Rim Board *(06 17 43)*		
06 17 43 00-0002	LF	1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board	5.32	1.81
06 17 43 00-0003	LF	1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board	5.77	1.84
06 17 43 00-0004	LF	1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board	6.29	1.87
06 17 53		**Shop-Fabricated Wood Trusses** *(06 17)*		
		Note: Includes temporary and permanent bracing, and fastening with truss tie-downs.		
06 17 53 00-0001		Pre-Assembled Wood Roof Trusses *(06 17 53)*		
		Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.		
06 17 53 00-0002	EA	10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	173.48	71.15
		For Up To 15, Add	*2.34*	
		For >35, Deduct	*-1.56*	
		For 3 In 12 Slope, Add	*0.94*	
		For 5 In 12 Slope, Add	*2.49*	
		For 6 In 12 Slope, Add	*4.68*	
		For 7 In 12 Slope, Add	*6.23*	
		For 8 In 12 Slope, Add	*7.48*	
06 17 53 00-0003	EA	12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	192.25	77.93
		For Up To 15, Add	*2.73*	
		For >35, Deduct	*-1.82*	
		For 3 In 12 Slope, Add	*1.09*	
		For 5 In 12 Slope, Add	*2.91*	
		For 6 In 12 Slope, Add	*5.46*	
		For 7 In 12 Slope, Add	*7.28*	
		For 8 In 12 Slope, Add	*8.74*	
06 17 53 00-0004	EA	14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	213.22	84.71
		For Up To 15, Add	*3.29*	
		For >35, Deduct	*-2.19*	
		For 3 In 12 Slope, Add	*1.31*	
		For 5 In 12 Slope, Add	*3.50*	
		For 6 In 12 Slope, Add	*6.57*	
		For 7 In 12 Slope, Add	*8.76*	
		For 8 In 12 Slope, Add	*10.51*	
06 17 53 00-0005	EA	16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	239.89	91.48
		For Up To 15, Add	*4.27*	
		For >35, Deduct	*-2.85*	
		For 3 In 12 Slope, Add	*1.71*	
		For 5 In 12 Slope, Add	*4.55*	
		For 6 In 12 Slope, Add	*8.54*	
		For 7 In 12 Slope, Add	*11.39*	
		For 8 In 12 Slope, Add	*13.66*	
06 17 53 00-0006	EA	18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	263.28	98.25
		For Up To 15, Add	*5.01*	
		For >35, Deduct	*-3.34*	
		For 3 In 12 Slope, Add	*2.00*	
		For 5 In 12 Slope, Add	*5.34*	
		For 6 In 12 Slope, Add	*10.01*	
		For 7 In 12 Slope, Add	*13.35*	
		For 8 In 12 Slope, Add	*16.02*	
06 17 53 00-0007	EA	20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	279.18	108.42
		For Up To 15, Add	*4.67*	
		For >35, Deduct	*-3.12*	
		For 3 In 12 Slope, Add	*1.87*	
		For 5 In 12 Slope, Add	*4.99*	
		For 6 In 12 Slope, Add	*9.35*	
		For 7 In 12 Slope, Add	*12.47*	
		For 8 In 12 Slope, Add	*14.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0008	EA	22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	294.55	172.79
		For Up To 15, Add	*4.81*	
		For >35, Deduct	*-3.21*	
		For 3 In 12 Slope, Add	*1.92*	
		For 5 In 12 Slope, Add	*5.13*	
		For 6 In 12 Slope, Add	*9.62*	
		For 7 In 12 Slope, Add	*12.83*	
		For 8 In 12 Slope, Add	*15.40*	
06 17 53 00-0009	EA	24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	313.54	121.98
		For Up To 15, Add	*5.22*	
		For >35, Deduct	*-3.48*	
		For 3 In 12 Slope, Add	*2.09*	
		For 5 In 12 Slope, Add	*5.57*	
		For 6 In 12 Slope, Add	*10.44*	
		For 7 In 12 Slope, Add	*13.92*	
		For 8 In 12 Slope, Add	*16.70*	
06 17 53 00-0010	EA	26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	333.12	193.13
		For Up To 15, Add	*5.67*	
		For >35, Deduct	*-3.78*	
		For 3 In 12 Slope, Add	*2.27*	
		For 5 In 12 Slope, Add	*6.05*	
		For 6 In 12 Slope, Add	*11.34*	
		For 7 In 12 Slope, Add	*15.12*	
		For 8 In 12 Slope, Add	*18.15*	
06 17 53 00-0011	EA	28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	353.49	135.52
		For Up To 15, Add	*6.18*	
		For >35, Deduct	*-4.12*	
		For 3 In 12 Slope, Add	*2.47*	
		For 5 In 12 Slope, Add	*6.59*	
		For 6 In 12 Slope, Add	*12.36*	
		For 7 In 12 Slope, Add	*16.49*	
		For 8 In 12 Slope, Add	*19.78*	
06 17 53 00-0012	EA	30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	369.66	213.46
		For Up To 15, Add	*6.38*	
		For >35, Deduct	*-4.25*	
		For 3 In 12 Slope, Add	*2.55*	
		For 5 In 12 Slope, Add	*6.80*	
		For 6 In 12 Slope, Add	*12.76*	
		For 7 In 12 Slope, Add	*17.01*	
		For 8 In 12 Slope, Add	*20.41*	
06 17 53 00-0013	EA	32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	384.94	145.69
		For Up To 15, Add	*7.02*	
		For >35, Deduct	*-4.68*	
		For 3 In 12 Slope, Add	*2.81*	
		For 5 In 12 Slope, Add	*7.48*	
		For 6 In 12 Slope, Add	*14.03*	
		For 7 In 12 Slope, Add	*18.71*	
		For 8 In 12 Slope, Add	*22.45*	
06 17 53 00-0014	EA	34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	417.11	228.78
		For Up To 15, Add	*8.41*	
		For >35, Deduct	*-5.61*	
		For 3 In 12 Slope, Add	*3.37*	
		For 5 In 12 Slope, Add	*8.97*	
		For 6 In 12 Slope, Add	*16.83*	
		For 7 In 12 Slope, Add	*22.43*	
		For 8 In 12 Slope, Add	*26.92*	
06 17 53 00-0015	EA	36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	432.72	155.85
		For Up To 15, Add	*9.08*	
		For >35, Deduct	*-6.05*	
		For 3 In 12 Slope, Add	*3.63*	
		For 5 In 12 Slope, Add	*9.68*	
		For 6 In 12 Slope, Add	*18.15*	
		For 7 In 12 Slope, Add	*24.20*	
		For 8 In 12 Slope, Add	*29.04*	
06 17 53 00-0016	EA	38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	454.53	243.95
		For Up To 15, Add	*9.69*	
		For >35, Deduct	*-6.46*	
		For 3 In 12 Slope, Add	*3.88*	
		For 5 In 12 Slope, Add	*10.34*	
		For 6 In 12 Slope, Add	*19.39*	
		For 7 In 12 Slope, Add	*25.85*	
		For 8 In 12 Slope, Add	*31.02*	
06 17 53 00-0017	EA	40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	470.85	169.41
		For Up To 15, Add	*9.90*	
		For >35, Deduct	*-6.60*	
		For 3 In 12 Slope, Add	*3.96*	
		For 5 In 12 Slope, Add	*10.56*	
		For 6 In 12 Slope, Add	*19.80*	
		For 7 In 12 Slope, Add	*26.41*	
		For 8 In 12 Slope, Add	*31.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0018	EA	42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	512.31	264.28
		For Up To 15, Add	*12.00*	
		For >35, Deduct	*-8.00*	
		For 3 In 12 Slope, Add	*4.80*	
		For 5 In 12 Slope, Add	*12.80*	
		For 6 In 12 Slope, Add	*23.99*	
		For 7 In 12 Slope, Add	*31.99*	
		For 8 In 12 Slope, Add	*38.39*	
06 17 53 00-0019	EA	44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	553.03	182.96
		For Up To 15, Add	*14.03*	
		For >35, Deduct	*-9.36*	
		For 3 In 12 Slope, Add	*5.61*	
		For 5 In 12 Slope, Add	*14.97*	
		For 6 In 12 Slope, Add	*28.07*	
		For 7 In 12 Slope, Add	*37.42*	
		For 8 In 12 Slope, Add	*44.90*	
06 17 53 00-0020	EA	46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	572.61	189.74
		For Up To 15, Add	*14.48*	
		For >35, Deduct	*-9.66*	
		For 3 In 12 Slope, Add	*5.79*	
		For 5 In 12 Slope, Add	*15.45*	
		For 6 In 12 Slope, Add	*28.97*	
		For 7 In 12 Slope, Add	*38.63*	
		For 8 In 12 Slope, Add	*46.35*	
06 17 53 00-0021	EA	48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	599.48	196.52
		For Up To 15, Add	*15.48*	
		For >35, Deduct	*-10.32*	
		For 3 In 12 Slope, Add	*6.19*	
		For 5 In 12 Slope, Add	*16.52*	
		For 6 In 12 Slope, Add	*30.97*	
		For 7 In 12 Slope, Add	*41.29*	
		For 8 In 12 Slope, Add	*49.55*	
06 17 53 00-0022	EA	50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	670.84	203.29
		For Up To 15, Add	*19.82*	
		For >35, Deduct	*-13.21*	
		For 3 In 12 Slope, Add	*7.93*	
		For 5 In 12 Slope, Add	*21.14*	
		For 6 In 12 Slope, Add	*39.64*	
		For 7 In 12 Slope, Add	*52.85*	
		For 8 In 12 Slope, Add	*63.42*	
06 17 53 00-0023	EA	52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	642.94	182.83
		For Up To 15, Add	*17.73*	
		For >35, Deduct	*-11.82*	
		For 3 In 12 Slope, Add	*7.09*	
		For 5 In 12 Slope, Add	*18.91*	
		For 6 In 12 Slope, Add	*35.45*	
		For 7 In 12 Slope, Add	*47.27*	
		For 8 In 12 Slope, Add	*56.73*	
06 17 53 00-0024	EA	54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	674.68	213.46
		For Up To 15, Add	*18.58*	
		For >35, Deduct	*-12.39*	
		For 3 In 12 Slope, Add	*7.43*	
		For 5 In 12 Slope, Add	*19.82*	
		For 6 In 12 Slope, Add	*37.17*	
		For 7 In 12 Slope, Add	*49.55*	
		For 8 In 12 Slope, Add	*59.46*	
06 17 53 00-0025	EA	56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	700.42	197.88
		For Up To 15, Add	*19.50*	
		For >35, Deduct	*-13.00*	
		For 3 In 12 Slope, Add	*7.80*	
		For 5 In 12 Slope, Add	*20.80*	
		For 6 In 12 Slope, Add	*38.99*	
		For 7 In 12 Slope, Add	*51.99*	
		For 8 In 12 Slope, Add	*62.39*	
06 17 53 00-0026	EA	58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	721.63	223.62
		For Up To 15, Add	*20.58*	
		For >35, Deduct	*-13.72*	
		For 3 In 12 Slope, Add	*8.23*	
		For 5 In 12 Slope, Add	*21.95*	
		For 6 In 12 Slope, Add	*41.16*	
		For 7 In 12 Slope, Add	*54.88*	
		For 8 In 12 Slope, Add	*65.85*	
06 17 53 00-0027	EA	60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	735.84	227.01
		For Up To 15, Add	*21.14*	
		For >35, Deduct	*-14.09*	
		For 3 In 12 Slope, Add	*8.45*	
		For 5 In 12 Slope, Add	*22.55*	
		For 6 In 12 Slope, Add	*42.27*	
		For 7 In 12 Slope, Add	*56.36*	
		For 8 In 12 Slope, Add	*67.64*	

06 17 53 00-0028 Pre-Assembled Wood Gable End Roof Trusses *(06 17 53)*

Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0029	EA	10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	177.44	71.15
		For 3 In 12 Slope, Add	*1.05*	
		For 5 In 12 Slope, Add	*2.81*	
		For 6 In 12 Slope, Add	*5.27*	
		For 7 In 12 Slope, Add	*7.03*	
		For 8 In 12 Slope, Add	*8.43*	
		For 16" On Center Gable Studs, Add	*7.03*	
06 17 53 00-0030	EA	12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	196.89	77.93
		For 3 In 12 Slope, Add	*1.23*	
		For 5 In 12 Slope, Add	*3.28*	
		For 6 In 12 Slope, Add	*6.16*	
		For 7 In 12 Slope, Add	*8.21*	
		For 8 In 12 Slope, Add	*9.85*	
		For 16" On Center Gable Studs, Add	*8.21*	
06 17 53 00-0031	EA	14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	218.79	84.71
		For 3 In 12 Slope, Add	*1.48*	
		For 5 In 12 Slope, Add	*3.95*	
		For 6 In 12 Slope, Add	*7.41*	
		For 7 In 12 Slope, Add	*9.88*	
		For 8 In 12 Slope, Add	*11.85*	
		For 16" On Center Gable Studs, Add	*9.88*	
06 17 53 00-0032	EA	16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	247.12	91.48
		For 3 In 12 Slope, Add	*1.92*	
		For 5 In 12 Slope, Add	*5.13*	
		For 6 In 12 Slope, Add	*9.62*	
		For 7 In 12 Slope, Add	*12.83*	
		For 8 In 12 Slope, Add	*15.40*	
		For 16" On Center Gable Studs, Add	*12.83*	
06 17 53 00-0033	EA	18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	271.77	98.25
		For 3 In 12 Slope, Add	*2.26*	
		For 5 In 12 Slope, Add	*6.02*	
		For 6 In 12 Slope, Add	*11.29*	
		For 7 In 12 Slope, Add	*15.05*	
		For 8 In 12 Slope, Add	*18.06*	
		For 16" On Center Gable Studs, Add	*15.05*	
06 17 53 00-0034	EA	20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	296.03	108.42
		For 3 In 12 Slope, Add	*2.38*	
		For 5 In 12 Slope, Add	*6.33*	
		For 6 In 12 Slope, Add	*11.88*	
		For 7 In 12 Slope, Add	*15.84*	
		For 8 In 12 Slope, Add	*19.00*	
		For 16" On Center Gable Studs, Add	*15.84*	
06 17 53 00-0035	EA	22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	311.88	115.20
		For 3 In 12 Slope, Add	*2.44*	
		For 5 In 12 Slope, Add	*6.52*	
		For 6 In 12 Slope, Add	*12.22*	
		For 7 In 12 Slope, Add	*16.30*	
		For 8 In 12 Slope, Add	*19.56*	
		For 16" On Center Gable Studs, Add	*16.30*	
06 17 53 00-0036	EA	24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	332.34	121.98
		For 3 In 12 Slope, Add	*2.65*	
		For 5 In 12 Slope, Add	*7.07*	
		For 6 In 12 Slope, Add	*13.26*	
		For 7 In 12 Slope, Add	*17.68*	
		For 8 In 12 Slope, Add	*21.21*	
		For 16" On Center Gable Studs, Add	*17.68*	
06 17 53 00-0037	EA	26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	353.54	128.75
		For 3 In 12 Slope, Add	*2.88*	
		For 5 In 12 Slope, Add	*7.68*	
		For 6 In 12 Slope, Add	*14.41*	
		For 7 In 12 Slope, Add	*19.21*	
		For 8 In 12 Slope, Add	*23.05*	
		For 16" On Center Gable Studs, Add	*19.21*	
06 17 53 00-0038	EA	28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	375.76	135.52
		For 3 In 12 Slope, Add	*3.14*	
		For 5 In 12 Slope, Add	*8.38*	
		For 6 In 12 Slope, Add	*15.71*	
		For 7 In 12 Slope, Add	*20.94*	
		For 8 In 12 Slope, Add	*25.13*	
		For 16" On Center Gable Studs, Add	*20.94*	
06 17 53 00-0039	EA	30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	393.55	142.31
		For 3 In 12 Slope, Add	*3.27*	
		For 5 In 12 Slope, Add	*8.72*	
		For 6 In 12 Slope, Add	*16.34*	
		For 7 In 12 Slope, Add	*21.79*	
		For 8 In 12 Slope, Add	*26.15*	
		For 16" On Center Gable Studs, Add	*21.79*	
06 17 53 00-0040	EA	32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	411.23	145.69
		For 3 In 12 Slope, Add	*3.60*	
		For 5 In 12 Slope, Add	*9.59*	
		For 6 In 12 Slope, Add	*17.98*	
		For 7 In 12 Slope, Add	*23.97*	
		For 8 In 12 Slope, Add	*28.76*	
		For 16" On Center Gable Studs, Add	*23.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0041	EA	34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	448.62	152.47
		For 3 In 12 Slope, Add	*4.31*	
		For 5 In 12 Slope, Add	*11.49*	
		For 6 In 12 Slope, Add	*21.55*	
		For 7 In 12 Slope, Add	*28.74*	
		For 8 In 12 Slope, Add	*34.48*	
		For 16" On Center Gable Studs, Add	*28.74*	
06 17 53 00-0042	EA	36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	466.72	155.85
		For 3 In 12 Slope, Add	*4.65*	
		For 5 In 12 Slope, Add	*12.40*	
		For 6 In 12 Slope, Add	*23.25*	
		For 7 In 12 Slope, Add	*31.00*	
		For 8 In 12 Slope, Add	*37.20*	
		For 16" On Center Gable Studs, Add	*31.00*	
06 17 53 00-0043	EA	38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	490.85	162.64
		For 3 In 12 Slope, Add	*4.97*	
		For 5 In 12 Slope, Add	*13.25*	
		For 6 In 12 Slope, Add	*24.84*	
		For 7 In 12 Slope, Add	*33.12*	
		For 8 In 12 Slope, Add	*39.74*	
		For 16" On Center Gable Studs, Add	*33.12*	
06 17 53 00-0044	EA	40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	518.60	169.41
		For 3 In 12 Slope, Add	*5.39*	
		For 5 In 12 Slope, Add	*14.38*	
		For 6 In 12 Slope, Add	*26.97*	
		For 7 In 12 Slope, Add	*35.96*	
		For 8 In 12 Slope, Add	*43.15*	
		For 16" On Center Gable Studs, Add	*35.96*	
06 17 53 00-0045	EA	42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	570.17	176.19
		For 3 In 12 Slope, Add	*6.53*	
		For 5 In 12 Slope, Add	*17.42*	
		For 6 In 12 Slope, Add	*32.67*	
		For 7 In 12 Slope, Add	*43.56*	
		For 8 In 12 Slope, Add	*52.27*	
		For 16" On Center Gable Studs, Add	*43.56*	
06 17 53 00-0046	EA	44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	620.71	182.96
		For 3 In 12 Slope, Add	*7.64*	
		For 5 In 12 Slope, Add	*20.38*	
		For 6 In 12 Slope, Add	*38.22*	
		For 7 In 12 Slope, Add	*50.96*	
		For 8 In 12 Slope, Add	*61.15*	
		For 16" On Center Gable Studs, Add	*50.96*	
06 17 53 00-0047	EA	46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	642.47	189.74
		For 3 In 12 Slope, Add	*7.89*	
		For 5 In 12 Slope, Add	*21.04*	
		For 6 In 12 Slope, Add	*39.45*	
		For 7 In 12 Slope, Add	*52.60*	
		For 8 In 12 Slope, Add	*63.12*	
		For 16" On Center Gable Studs, Add	*52.60*	
06 17 53 00-0048	EA	48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	674.15	196.52
		For 3 In 12 Slope, Add	*8.43*	
		For 5 In 12 Slope, Add	*22.49*	
		For 6 In 12 Slope, Add	*42.17*	
		For 7 In 12 Slope, Add	*56.22*	
		For 8 In 12 Slope, Add	*67.47*	
		For 16" On Center Gable Studs, Add	*56.22*	
06 17 53 00-0049	EA	50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	729.16	203.29
		For 3 In 12 Slope, Add	*9.68*	
		For 5 In 12 Slope, Add	*25.81*	
		For 6 In 12 Slope, Add	*48.39*	
		For 7 In 12 Slope, Add	*64.52*	
		For 8 In 12 Slope, Add	*77.42*	
		For 16" On Center Gable Studs, Add	*64.52*	
06 17 53 00-0050	EA	52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	747.02	210.06
		For 3 In 12 Slope, Add	*9.81*	
		For 5 In 12 Slope, Add	*26.15*	
		For 6 In 12 Slope, Add	*49.03*	
		For 7 In 12 Slope, Add	*65.38*	
		For 8 In 12 Slope, Add	*78.45*	
		For 16" On Center Gable Studs, Add	*65.38*	
06 17 53 00-0051	EA	54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	769.59	213.46
		For 3 In 12 Slope, Add	*10.28*	
		For 5 In 12 Slope, Add	*27.41*	
		For 6 In 12 Slope, Add	*51.40*	
		For 7 In 12 Slope, Add	*68.54*	
		For 8 In 12 Slope, Add	*82.24*	
		For 16" On Center Gable Studs, Add	*68.54*	
06 17 53 00-0052	EA	56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	799.98	220.23
		For 3 In 12 Slope, Add	*10.79*	
		For 5 In 12 Slope, Add	*28.76*	
		For 6 In 12 Slope, Add	*53.93*	
		For 7 In 12 Slope, Add	*71.90*	
		For 8 In 12 Slope, Add	*86.28*	
		For 16" On Center Gable Studs, Add	*71.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0053	EA	58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	826.70	223.62
		For 3 In 12 Slope, Add	*11.38*	
		For 5 In 12 Slope, Add	*30.36*	
		For 6 In 12 Slope, Add	*56.92*	
		For 7 In 12 Slope, Add	*75.89*	
		For 8 In 12 Slope, Add	*91.07*	
		For 16" On Center Gable Studs, Add	*75.89*	
06 17 53 00-0054	EA	60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	843.77	227.01
		For 3 In 12 Slope, Add	*11.69*	
		For 5 In 12 Slope, Add	*31.18*	
		For 6 In 12 Slope, Add	*58.46*	
		For 7 In 12 Slope, Add	*77.95*	
		For 8 In 12 Slope, Add	*93.54*	
		For 16" On Center Gable Studs, Add	*77.95*	

06 18 Glued-Laminated Construction *(06 10)*

06 18 13 Glued-Laminated Beams *(06 18)*

06 18 13 00-0001 Glue Laminated Straight Beams *(06 18 13)*

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF	3-1/2" x 6" Glue Laminated Straight Beam	8.26	2.84
06 18 13 00-0003	LF	3-1/2" x 7-1/2" Glue Laminated Straight Beam	10.33	3.55
06 18 13 00-0004	LF	3-1/2" x 9" Glue Laminated Straight Beam	12.40	4.27
06 18 13 00-0005	LF	3-1/2" x 9-1/2" Glue Laminated Straight Beam	13.09	4.50
06 18 13 00-0006	LF	3-1/2" x 10-1/2" Glue Laminated Straight Beam	14.46	4.97
06 18 13 00-0007	LF	3-1/2" x 12" Glue Laminated Straight Beam	16.54	5.68
06 18 13 00-0008	LF	3-1/2" x 13-1/2" Glue Laminated Straight Beam	18.61	6.40
06 18 13 00-0009	LF	3-1/2" x 14" Glue Laminated Straight Beam	19.30	6.63
06 18 13 00-0010	LF	3-1/2" x 15" Glue Laminated Straight Beam	20.68	7.11
06 18 13 00-0011	LF	3-1/2" x 16" Glue Laminated Straight Beam	22.04	7.58
06 18 13 00-0012	LF	3-1/2" x 16-1/2" Glue Laminated Straight Beam	22.74	7.82
06 18 13 00-0013	LF	3-1/2" x 18" Glue Laminated Straight Beam	24.80	8.53
06 18 13 00-0014	LF	3-1/2" x 19-1/2" Glue Laminated Straight Beam	26.87	9.25
06 18 13 00-0015	LF	3-1/2" x 21" Glue Laminated Straight Beam	28.94	9.96
06 18 13 00-0016	LF	3-1/2" x 22.5" Glue Laminated Straight Beam	31.01	10.66
06 18 13 00-0017	LF	5-1/2" x 6" Glue Laminated Straight Beam	12.99	4.46
06 18 13 00-0018	LF	5-1/2" x 7-1/2" Glue Laminated Straight Beam	16.24	5.59
06 18 13 00-0019	LF	5-1/2" x 9" Glue Laminated Straight Beam	19.50	6.70
06 18 13 00-0020	LF	5-1/2" x 9-1/2" Glue Laminated Straight Beam	20.57	7.08
06 18 13 00-0021	LF	5-1/2" x 10-1/2" Glue Laminated Straight Beam	22.74	7.82
06 18 13 00-0022	LF	5-1/2" x 12" Glue Laminated Straight Beam	25.99	8.94
06 18 13 00-0023	LF	5-1/2" x 13-1/2" Glue Laminated Straight Beam	29.23	10.06
06 18 13 00-0024	LF	5-1/2" x 14" Glue Laminated Straight Beam	30.32	10.42
06 18 13 00-0025	LF	5-1/2" x 15" Glue Laminated Straight Beam	32.49	11.17
06 18 13 00-0026	LF	5-1/2" x 16" Glue Laminated Straight Beam	34.64	11.92
06 18 13 00-0027	LF	5-1/2" x 16-1/2" Glue Laminated Straight Beam	35.74	12.30
06 18 13 00-0028	LF	5-1/2" x 18" Glue Laminated Straight Beam	38.98	13.40
06 18 13 00-0029	LF	5-1/2" x 19-1/2" Glue Laminated Straight Beam	42.23	14.52
06 18 13 00-0030	LF	5-1/2" x 21" Glue Laminated Straight Beam	45.48	15.64
06 18 13 00-0031	LF	5-1/2" x 22.5" Glue Laminated Straight Beam	48.73	16.76
06 18 13 00-0032	LF	5-1/2" x 24" Glue Laminated Straight Beam	51.98	17.87
06 18 13 00-0033	LF	6-3/4" x 9" Glue Laminated Straight Beam	23.93	8.23
06 18 13 00-0034	LF	6-3/4" x 9-1/2" Glue Laminated Straight Beam	25.24	8.68
06 18 13 00-0035	LF	6-3/4" x 10-1/2" Glue Laminated Straight Beam	27.91	9.60
06 18 13 00-0036	LF	6-3/4" x 12" Glue Laminated Straight Beam	31.90	10.97
06 18 13 00-0037	LF	6-3/4" x 13-1/2" Glue Laminated Straight Beam	35.89	12.34
06 18 13 00-0038	LF	6-3/4" x 14" Glue Laminated Straight Beam	37.20	12.80
06 18 13 00-0039	LF	6-3/4" x 15" Glue Laminated Straight Beam	39.88	13.71
06 18 13 00-0040	LF	6-3/4" x 16" Glue Laminated Straight Beam	42.53	14.62
06 18 13 00-0041	LF	6-3/4" x 16-1/2" Glue Laminated Straight Beam	43.87	15.08
06 18 13 00-0042	LF	6-3/4" x 18" Glue Laminated Straight Beam	47.84	16.45
06 18 13 00-0043	LF	6-3/4" x 19-1/2" Glue Laminated Straight Beam	51.82	17.83
06 18 13 00-0044	LF	6-3/4" x 21" Glue Laminated Straight Beam	55.81	19.20
06 18 13 00-0045	LF	6-3/4" x 22.5" Glue Laminated Straight Beam	59.79	20.56
06 18 13 00-0046	LF	6-3/4" x 24" Glue Laminated Straight Beam	63.79	21.94
06 18 13 00-0047	LF	8-3/4" x 9" Glue Laminated Straight Beam	31.01	10.66
06 18 13 00-0048	LF	8-3/4" x 9-1/2" Glue Laminated Straight Beam	32.74	11.25
06 18 13 00-0049	LF	8-3/4" x 10-1/2" Glue Laminated Straight Beam	36.18	12.44
06 18 13 00-0050	LF	8-3/4" x 12" Glue Laminated Straight Beam	41.34	14.22
06 18 13 00-0051	LF	8-3/4" x 13-1/2" Glue Laminated Straight Beam	46.52	16.00
06 18 13 00-0052	LF	8-3/4" x 14" Glue Laminated Straight Beam	48.22	16.59
06 18 13 00-0053	LF	8-3/4" x 15" Glue Laminated Straight Beam	51.67	17.77
06 18 13 00-0054	LF	8-3/4" x 16" Glue Laminated Straight Beam	55.12	18.96
06 18 13 00-0055	LF	8-3/4" x 16-1/2" Glue Laminated Straight Beam	56.86	19.54
06 18 13 00-0056	LF	8-3/4" x 18" Glue Laminated Straight Beam	62.03	21.32
06 18 13 00-0057	LF	8-3/4" x 19-1/2" Glue Laminated Straight Beam	67.19	23.10
06 18 13 00-0058	LF	8-3/4" x 21" Glue Laminated Straight Beam	72.36	24.89
06 18 13 00-0059	LF	8-3/4" x 22.5" Glue Laminated Straight Beam	77.53	26.66
06 18 13 00-0060	LF	8-3/4" x 24" Glue Laminated Straight Beam	82.70	28.43

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 18 13 00-0061		Glue Laminated Decking *(06 18 13)*		
06 18 13 00-0062	LF	2" - 4" Thick x 4" Wide Glue Laminated Decking	4.16	1.74
06 18 13 00-0063	LF	2" - 4" Thick x 6" Wide Glue Laminated Decking	4.31	1.74
06 18 13 00-0064	LF	2" - 4" Thick x 8" Wide Glue Laminated Decking	4.43	1.63
06 18 16		**Glued-Laminated Columns** *(06 18)*		
06 18 16 00-0001		Glue Laminated Structural Units *(06 18 16)*		
		Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.		
06 18 16 00-0002	LF	3-1/4" x 7-1/2" Glue Laminated Purlin Or Column	12.01	3.54
06 18 16 00-0003	LF	3-1/4" x 9-1/4" Glue Laminated Purlin Or Column	13.52	3.94
06 18 16 00-0004	LF	5-1/4" x 9-1/4" Glue Laminated Purlin Or Column	25.62	8.41
06 18 16 00-0005	LF	5-1/4" x 13" Glue Laminated Purlin Or Column	28.06	8.82

06 20 Finish Carpentry *(06)*

06 22 Millwork *(06 20)*

06 22 13 Standard Pattern Wood Trim *(06 22)*

06 22 13 00-0001		Pine Moldings (All Dimensions Are Nominal) *(06 22 13)*		
06 22 13 00-0002	LF	1/4" x 1-1/4" Wood Lattice Strip	3.08	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.37*	
06 22 13 00-0003	LF	1/4" x 1-5/8" Wood Lattice Strip	3.24	0.81
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.37*	
06 22 13 00-0004	LF	1/4" x 2-1/2" Wood Lattice Strip	4.19	0.81
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.37*	
06 22 13 00-0005	LF	1/4" x 3-1/2" Wood Lattice Strip	4.75	0.81
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.37*	
06 22 13 00-0006		Ceilings (All Dimensions Are Nominal) *(06 22 13)*		
06 22 13 00-0007		White Pine *(06 22 13 00-0006)*		
06 22 13 00-0008	LF	9/16" x 3-5/8" White Pine Crown Or Bed Molding	14.94	3.52
		For Birch, Add	*3.57*	
		For Mahogany, Oak, Maple Or Walnut, Add	*4.96*	
		For Poplar, Add	*1.98*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
		For Stain Grade Material (No Finger Joints), Add	*1.29*	
06 22 13 00-0009	LF	11/16" x 4-5/8" White Pine Crown Or Bed Molding	20.17	4.22
		For Birch, Add	*5.09*	
		For Mahogany, Oak, Maple Or Walnut, Add	*6.97*	
		For Poplar, Add	*2.83*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.39*	
		For Stain Grade Material (No Finger Joints), Add	*1.84*	
06 22 13 00-0010	LF	3/4" x 3/4" White Pine Crown Or Bed Molding	6.97	2.41
		For Birch, Add	*1.06*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.73*	
		For Poplar, Add	*0.59*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
		For Stain Grade Material (No Finger Joints), Add	*0.38*	
06 22 13 00-0011	LF	9/16" x 1-5/8" White Pine Crown Or Bed Molding	8.04	2.41
		For Birch, Add	*1.45*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.21*	
		For Poplar, Add	*0.80*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
		For Stain Grade Material (No Finger Joints), Add	*0.52*	
06 22 13 00-0012	LF	9/16" x 2-1/4" White Pine Crown Or Bed Molding	10.61	3.01
		For Birch, Add	*2.01*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.01*	
		For Poplar, Add	*1.12*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
		For Stain Grade Material (No Finger Joints), Add	*0.73*	
06 22 13 00-0013	LF	3/4" x 3-1/2" White Pine Crown Or Bed Molding	12.38	3.01
		For Birch, Add	*2.65*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.81*	
		For Poplar, Add	*1.47*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
		For Stain Grade Material (No Finger Joints), Add	*0.96*	
06 22 13 00-0014	LF	5/8" x 4-1/4" White Pine Crown Or Bed Molding	15.41	3.62
		For Birch, Add	*3.38*	
		For Mahogany, Oak, Maple Or Walnut, Add	*4.82*	
		For Poplar, Add	*1.88*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.39*	
		For Stain Grade Material (No Finger Joints), Add	*1.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0015	LF	1" x 2" White Pine Dentil Molding	7.25	2.81
		For Birch, Add	*1.16*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.86*	
		For Poplar, Add	*0.65*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
		For Stain Grade Material (No Finger Joints), Add	*0.42*	
06 22 13 00-0016	LF	9/16" x 1-3/4" White Pine Cove Molding	6.18	2.12
		For Birch, Add	*1.14*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.73*	
		For Poplar, Add	*0.63*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.69*	
		For Stain Grade Material (No Finger Joints), Add	*0.41*	
06 22 13 00-0017	LF	11/16" x 2-3/4" White Pine Cove Molding	9.58	2.12
		For Birch, Add	*2.37*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.26*	
		For Poplar, Add	*1.31*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.69*	
		For Stain Grade Material (No Finger Joints), Add	*0.85*	
06 22 13 00-0018	LF	3/8" x 3/8" White Pine Cove Molding	3.60	1.21
		For Birch, Add	*0.54*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.89*	
		For Poplar, Add	*0.30*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.48*	
		For Stain Grade Material (No Finger Joints), Add	*0.20*	
06 22 13 00-0019	LF	1/2" x 1/2" White Pine Cove Molding	3.98	1.21
		For Birch, Add	*0.68*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.06*	
		For Poplar, Add	*0.38*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.48*	
		For Stain Grade Material (No Finger Joints), Add	*0.24*	
06 22 13 00-0020	LF	5/8" x 5/8" White Pine Cove Molding	5.35	1.51
		For Birch, Add	*1.02*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.53*	
		For Poplar, Add	*0.57*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.58*	
		For Stain Grade Material (No Finger Joints), Add	*0.37*	
06 22 13 00-0021	LF	3/4" x 3/4" White Pine Cove Molding	5.35	1.51
		For Birch, Add	*1.02*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.53*	
		For Poplar, Add	*0.57*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.58*	
		For Stain Grade Material (No Finger Joints), Add	*0.37*	
06 22 13 00-0022	LF	15/16" x 15/16" White Pine Cove Molding	7.07	1.51
		For Birch, Add	*1.64*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.30*	
		For Poplar, Add	*0.91*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.58*	
		For Stain Grade Material (No Finger Joints), Add	*0.59*	
06 22 13 00-0023	LF	7-1/2" Wide White Pine Mullion Covers	48.33	1.81
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 22 13 00-0024	LF	Three Piece White Pine Mullion Trim, 2 Cove Moldings	61.37	1.81
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	

06 22 13 00-0025 Cedar Trim *(06 22 13 00-0006)*

06 22 13 00-0026	LF	2" x 4" Cedar Ceiling Trim	12.14	5.07
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.68*	

06 22 13 00-0027 Oak Trim *(06 22 13 00-0006)*

06 22 13 00-0028	LF	1" x 8" Clear Oak Ceiling Trim	12.77	4.67
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.55*	

06 22 13 00-0029 Closet Poles *(06 22 13)*

06 22 13 00-0030	LF	1-1/8" Diameter Pine Closet Poles	10.71	2.61
06 22 13 00-0031	LF	1-5/8" Diameter Pine Closet Poles	13.25	2.61
06 22 13 00-0032	LF	2" Diameter Pine Closet Poles	18.49	2.91

06 25 Prefinished Paneling *(06 20)*

06 25 16 Prefinished Plywood Paneling *(06 25)*

06 25 16 00-0001 Hardboard Panels *(06 25 16)*
Note: Excludes furring and trim.

06 25 16 00-0002 Tempered Hardboard Panels *(06 25 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 25 16 00-0003	SF	1/4" Tempered Hardboard Panels	5.21	1.82
		For Waterproof Glue, Add	*0.07*	
		For Ceiling Installation, Add	*1.24*	
		For Glue Laminated Installation, Add	*0.26*	
		For 1/8" Thick Paneling, Deduct	*-0.47*	
		For 1/2" Thick Paneling, Add	*1.07*	
		For 5/8" Thick Paneling, Add	*1.30*	
		For 3/4" Thick Paneling, Add	*1.59*	
		For Fire Retardant Treatment (Class I), Add	*0.85*	
06 25 16 00-0004	SF	1/4" Plastic Faced Tempered Hardboard Panels	5.85	2.23
		For Waterproof Glue, Add	*0.07*	
		For Ceiling Installation, Add	*1.46*	
		For Glue Laminated Installation, Add	*0.29*	
		For 1/8" Thick Paneling, Deduct	*-0.50*	
		For 1/2" Thick Paneling, Add	*1.11*	
		For 5/8" Thick Paneling, Add	*1.32*	
		For 3/4" Thick Paneling, Add	*1.58*	
		For Fire Retardant Treatment (Class I), Add	*0.77*	
06 25 16 00-0005	SF	1/4" Pegboard Tempered Hardboard Panels	5.95	1.82
		For Waterproof Glue, Add	*0.13*	
		For Ceiling Installation, Add	*1.24*	
		For Glue Laminated Installation, Add	*0.30*	
		For 1/8" Thick Paneling, Deduct	*-0.59*	
		For 1/2" Thick Paneling, Add	*1.47*	
		For 5/8" Thick Paneling, Add	*1.85*	
		For 3/4" Thick Paneling, Add	*2.34*	
		For Fire Retardant Treatment (Class I), Add	*1.43*	
06 25 16 00-0006	SF	1/4" Plastic Faced Pegboard Tempered Hardboard	6.07	2.23
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.46*	
		For Glue Laminated Installation, Add	*0.30*	
		For 1/8" Thick Paneling, Deduct	*-0.54*	
		For 1/2" Thick Paneling, Add	*1.23*	
		For 5/8" Thick Paneling, Add	*1.48*	
		For 3/4" Thick Paneling, Add	*1.81*	
		For Fire Retardant Treatment (Class I), Add	*0.95*	

06 25 16 00-0007 Untempered Hardboard Panels *(06 25 16 00-0001)*

06 25 16 00-0008	SF	1/4" Untempered Hardboard Panels	4.98	1.82
		For Waterproof Glue, Add	*0.06*	
		For Glue Laminated Installation, Add	*0.25*	
		For Lumber Core, Add	*0.09*	
		For Fire Retardant Treatment (Class I), Add	*0.66*	

06 40 Architectural Woodwork *(06)*

06 41 Architectural Wood Casework *(06 40)*

06 41 13 Wood-Veneer-Faced Architectural Cabinets *(06 41)*

06 41 13 00-0001 Removal And Reinstallation Of Cabinet Or Counters *(06 41 13)*

Note: Includes storage, cleaning and supply materials. Any height or width.

06 41 13 00-0002	LF	Removal And Reinstallation Of Wood Base Cabinets	76.91
06 41 13 00-0003	LF	Removal And Reinstallation Of Wall Cabinets	66.88
06 41 13 00-0004	LF	Removal And Reinstallation Of Plastic Laminated Countertops	15.96

06 41 13 00-0005 Wood-Veneer Faced Wall And Base Cabinets *(06 41 13)*

Note: Kitchen cabinets are constructed of 3/8" and 1/2" thick laminated particleboard with corner braces. Shelves are 3/4" laminated particleboard. The face frame is 3/4" x 1-1/2" solid wood. Hinges are 6 way adjustable, fully concealed steel. Drawers are 1/2" thick laminated particleboard boxes with 3/8" laminated particleboard bottoms. Drawer guides are side mounted, epoxy coated double rails. Excludes door or drawer pull hardware.

06 41 13 00-0006 Solid Maple Face Frame And Door, Wall And Base Cabinets *(06 41 13 00-0005)*

06 41 13 00-0007 Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0006)*

06 41 13 00-0008	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	384.50	20.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0009	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	409.41	25.13
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0010	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	428.26	30.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0011	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	450.86	35.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0012	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	514.47	40.21
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0013	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	538.22	45.24
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0014	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	582.81	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0015	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	614.31	55.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0016	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	633.40	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0017	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	723.39	80.43
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*233.54*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0018	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	804.48	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*233.54*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0019	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	893.66	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*233.54*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0020	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	845.05	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0021	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	944.13	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0022	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	390.44	20.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0023	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	399.52	25.13
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0024	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	437.16	30.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0025	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	465.70	35.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0026	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	485.77	40.21
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0027	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	510.51	45.24
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0028	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	843.07	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0029	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	889.42	55.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0030	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	935.23	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0031	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	481.48	20.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0032	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	491.55	25.13
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0033	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	534.14	30.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0034	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	568.62	35.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0035	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	598.59	40.21
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0036	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	629.26	45.24
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0037	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	884.64	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0038	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	935.93	55.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0039	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	988.66	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0040		**Wall Cabinet, 12" High, 12" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0041	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	343.93	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0042	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	367.47	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0043	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	405.34	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0044	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	433.05	65.35
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0045		**Wall Cabinets, 14" High, 12" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0046	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	291.51	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0047	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	298.46	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0048	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	313.34	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0049	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	321.28	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0050	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	330.23	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0051	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	346.08	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0052	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	370.86	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0053	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	405.34	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0054	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	433.05	65.35
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0055		**Wall Cabinets, 18" High, 12" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0056	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	303.39	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0057	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	319.24	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0058	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	331.16	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0059	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	344.04	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0060	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	361.89	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0061	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	382.68	45.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0062	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	401.50	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0063	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	416.38	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0064	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	425.13	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0065		**Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0006)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0066	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	328.43	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0067	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	358.18	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0068	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	382.75	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0069	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	412.57	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0070	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	441.43	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0071	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	484.97	45.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0072	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	496.86	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0073	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	542.57	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0074	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	558.58	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0075		**Wall Cabinets, 36" High, 12" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0076	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	370.98	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0077	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	402.71	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0078	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	430.25	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0079	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	462.05	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0080	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	543.35	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0081	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	546.32	45.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0082	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	566.13	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0083	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	619.75	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0084	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	635.77	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0085		**Wall Cabinets, 42" High, 12" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0086	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	415.51	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0087	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	454.17	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0088	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	483.69	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0089	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	514.49	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0090	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	561.17	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0091	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	599.76	45.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0092	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	631.45	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0093	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	691.99	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0094	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	712.95	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0095		**Wall Cabinets, 12" High, 23-3/4" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0096	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	393.80	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0097	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	423.32	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0098	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	455.28	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0099	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	492.87	65.35
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0100	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Maple Face Frame and Door, Wall Cabinet	583.96	80.43
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0101		**Utility Cabinets, 84" High** *(06 41 13 00-0006)*		
06 41 13 00-0102	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	750.64	44.68
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0103	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	850.13	53.62
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0104	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	956.56	420.00
		For All Plywood Box Construction, Add	*241.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0105	EA	24" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,004.60	71.49
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0106	EA	30" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,219.87	89.36
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0107	EA	36" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,409.42	107.23
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0108	EA	15" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	851.58	44.68
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0109	EA	18" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	942.16	53.62
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0110	EA	21" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,077.29	62.56
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0111	EA	24" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,144.13	71.49
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0112	EA	30" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,424.72	89.36
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0113	EA	36" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,631.08	107.23
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0114		Solid Oak Face Frame And Door, Wall And Base Cabinets *(06 41 13 00-0005)*		
06 41 13 00-0115		Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0114)*		
06 41 13 00-0116	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	345.91	20.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0117	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	367.85	25.13
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0118	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	384.72	30.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0119	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	405.34	35.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0120	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	461.03	40.21
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0121	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	482.81	45.24
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0122	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	521.46	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0123	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	549.99	55.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0124	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	567.10	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0125	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	647.19	80.43
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*233.54*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0126	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	717.40	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*233.54*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0127	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	795.70	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*233.54*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0128	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	753.02	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0129	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	840.23	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0130	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	351.85	20.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0131	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	359.94	25.13
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0132	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	392.63	30.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0133	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	418.20	35.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0134	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	436.30	40.21
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0135	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	458.07	45.24
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0136	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	751.04	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0137	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	791.45	55.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0138	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	832.31	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0139	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	431.01	20.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0140	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	441.08	25.13
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0141	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	478.73	30.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0142	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	509.24	35.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0143	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	535.25	40.21
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0144	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	562.96	45.24
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0145	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	787.66	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0146	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	833.01	55.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0147	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	879.81	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	

06 41 13 00-0148 Wall Cabinets, 12" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0149	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	310.29	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0150	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	330.86	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0151	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	364.77	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0152	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	389.50	65.35
		For All Plywood Box Construction, Add	*65.31*	

06 41 13 00-0153 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0154	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	263.80	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0155	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	269.76	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0156	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	282.67	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0157	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	290.60	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0158	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	298.56	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0159	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	312.44	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0160	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	334.25	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0161	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	364.77	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0162	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	389.50	65.35
		For All Plywood Box Construction, Add	*65.31*	

06 41 13 00-0163 Wall Cabinets, 18" High, 12" Deep *(06 41 13 00-0114)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0164	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	273.70	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0165	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	287.57	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0166	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	298.50	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0167	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	310.40	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0168	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	326.27	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0169	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	345.07	45.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0170	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	360.93	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0171	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	374.82	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0172	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	382.58	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0173		**Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0174	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	297.75	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0175	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	324.53	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0176	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	346.14	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0177	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	372.00	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0178	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	397.88	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0179	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	436.48	45.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0180	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	447.38	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0181	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	487.15	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0182	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	502.17	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0183		**Wall Cabinets, 36" High, 12" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0184	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	335.36	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0185	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	363.13	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0186	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	387.70	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0187	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	415.54	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0188	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	487.94	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0189	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	489.92	45.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0190	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	507.75	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0191	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	555.43	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0192	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	569.46	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0193		**Wall Cabinets, 42" High, 12" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0194	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	373.95	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0195	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	408.65	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0196	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	435.20	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0197	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	462.05	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0198	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	503.77	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0199	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	537.42	45.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0200	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	565.14	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0201	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	618.76	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0202	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	637.75	60.32
		For All Plywood Box Construction, Add	*65.31*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0203		**Wall Cabinets, 12" High, 23-3/4" Deep** *(06 41 13 00-0114)*			
06 41 13 00-0204	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet		355.21	50.26
		For All Plywood Box Construction, Add		*65.31*	
06 41 13 00-0205	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet		381.76	55.29
		For All Plywood Box Construction, Add		*65.31*	
06 41 13 00-0206	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet		409.76	60.32
		For All Plywood Box Construction, Add		*65.31*	
06 41 13 00-0207	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet		443.39	65.35
		For All Plywood Box Construction, Add		*65.31*	
06 41 13 00-0208	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Oak Face Frame and Door, Wall Cabinet		523.59	80.43
		For All Plywood Box Construction, Add		*65.31*	
06 41 13 00-0209		**Utility Cabinets, 84" High** *(06 41 13 00-0114)*			
06 41 13 00-0210	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet		679.39	44.68
		For All Plywood Box Construction, Add		*241.46*	
06 41 13 00-0211	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet		768.99	53.62
		For All Plywood Box Construction, Add		*241.46*	
06 41 13 00-0212	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet		864.53	420.00
		For All Plywood Box Construction, Add		*241.46*	
06 41 13 00-0213	EA	24" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet		908.61	71.49
		For All Plywood Box Construction, Add		*241.46*	
06 41 13 00-0214	EA	30" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet		1,099.14	89.36
		For All Plywood Box Construction, Add		*241.46*	
06 41 13 00-0215	EA	36" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet		1,267.91	107.23
		For All Plywood Box Construction, Add		*241.46*	
06 41 13 00-0216	EA	15" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet		768.45	44.68
		For All Plywood Box Construction, Add		*241.46*	
06 41 13 00-0217	EA	18" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet		850.13	53.62
		For All Plywood Box Construction, Add		*241.46*	
06 41 13 00-0218	EA	21" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet		970.42	62.56
		For All Plywood Box Construction, Add		*241.46*	
06 41 13 00-0219	EA	24" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet		1,031.32	71.49
		For All Plywood Box Construction, Add		*241.46*	
06 41 13 00-0220	EA	30" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet		1,279.25	89.36
		For All Plywood Box Construction, Add		*241.46*	
06 41 13 00-0221	EA	36" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet		1,462.86	107.23
		For All Plywood Box Construction, Add		*241.46*	
06 41 13 00-0222		**Solid Wood Face Frame And Thermofoil Door, Wall And Base Cabinets** *(06 41 13 00-0005)*			
06 41 13 00-0223		**Base Cabinets, 35" High, 23-3/4" Deep** *(06 41 13 00-0222)*			
06 41 13 00-0224	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet		345.91	20.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*116.77*	
		For All Plywood Box Construction, Add		*121.72*	
06 41 13 00-0225	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet		367.85	25.13
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*116.77*	
		For All Plywood Box Construction, Add		*121.72*	
06 41 13 00-0226	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet		384.72	30.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*116.77*	
		For All Plywood Box Construction, Add		*121.72*	
06 41 13 00-0227	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet		405.34	35.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*116.77*	
		For All Plywood Box Construction, Add		*121.72*	
06 41 13 00-0228	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet		461.03	40.21
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*116.77*	
		For All Plywood Box Construction, Add		*121.72*	
06 41 13 00-0229	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet		482.81	45.24
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*116.77*	
		For All Plywood Box Construction, Add		*121.72*	
06 41 13 00-0230	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet		521.46	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*116.77*	
		For All Plywood Box Construction, Add		*121.72*	
06 41 13 00-0231	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet		549.99	55.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*116.77*	
		For All Plywood Box Construction, Add		*121.72*	
06 41 13 00-0232	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet		567.10	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*116.77*	
		For All Plywood Box Construction, Add		*121.72*	
06 41 13 00-0233	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet		647.19	80.43
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add		*233.54*	
		For All Plywood Box Construction, Add		*121.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0234	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	717.40	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*233.54*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0235	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	795.70	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*233.54*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0236	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	753.02	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0237	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	840.23	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0238	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	351.85	20.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0239	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	359.94	25.13
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0240	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	392.63	30.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0241	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	418.20	35.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0242	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	436.30	40.21
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0243	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	458.07	45.24
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0244	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	751.04	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0245	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	791.45	55.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0246	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	832.31	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0247	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	431.01	20.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0248	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	441.08	25.13
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0249	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	478.73	30.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0250	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	509.24	35.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0251	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	535.25	40.21
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0252	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	562.96	45.24
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0253	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	787.66	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0254	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	833.01	55.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0255	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	879.81	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	

06 41 13 00-0256 Wall Cabinets, 12" High, 12" Deep *(06 41 13 00-0222)*

06 41 13 00-0257	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	310.29	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0258	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	330.86	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0259	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	364.77	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0260	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	389.50	65.35
		For All Plywood Box Construction, Add	*65.31*	

06 41 13 00-0261 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0222)*

06 41 13 00-0262	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	263.80	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0263	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	269.76	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0264	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	282.67	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0265	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	290.60	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0266	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	298.56	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0267	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	312.44	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0268	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	334.25	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0269	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	364.77	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0270	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	389.50	65.35
		For All Plywood Box Construction, Add	*65.31*	

06 41 13 00-0271 Wall Cabinets, 18" High, 12" Deep *(06 41 13 00-0222)*

06 41 13 00-0272	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	273.70	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0273	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	287.57	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0274	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	298.50	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0275	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	310.40	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0276	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	326.27	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0277	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	345.07	45.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0278	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	360.93	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0279	EA	33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	374.82	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0280	EA	36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	382.58	60.32
		For All Plywood Box Construction, Add	*65.31*	

06 41 13 00-0281 Wall Cabinets, 30" High, 12" Deep *(06 41 13 00-0222)*

06 41 13 00-0282	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	297.75	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0283	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	324.53	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0284	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	346.14	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0285	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	372.00	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0286	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	397.88	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0287	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	436.48	45.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0288	EA	30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	447.38	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0289	EA	33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	487.15	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0290	EA	36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	502.17	60.32
		For All Plywood Box Construction, Add	*65.31*	

06 41 13 00-0291 Wall Cabinets, 36" High, 12" Deep *(06 41 13 00-0222)*

06 41 13 00-0292	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	335.36	20.10
		For All Plywood Box Construction, Add	*65.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0293	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	363.13	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0294	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	387.70	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0295	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	415.54	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0296	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	487.94	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0297	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	489.92	45.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0298	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	507.75	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0299	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	555.43	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0300	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	569.46	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0301		Wall Cabinets, 42" High, 12" Deep *(06 41 13 00-0222)*		
06 41 13 00-0302	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	373.95	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0303	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	408.65	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0304	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	435.20	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0305	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	462.05	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0306	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	503.77	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0307	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	537.42	45.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0308	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	565.14	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0309	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	618.76	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0310	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	637.75	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0311		Wall Cabinets, 12" High, 23-3/4" Deep *(06 41 13 00-0222)*		
06 41 13 00-0312	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	355.21	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0313	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	381.76	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0314	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	409.76	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0315	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	443.39	65.35
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0316	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	523.59	80.43
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0317		Utility Cabinets, 84" High *(06 41 13 00-0222)*		
06 41 13 00-0318	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	679.39	44.68
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0319	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	768.99	53.62
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0320	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	864.53	420.00
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0321	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	908.61	71.49
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0322	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,099.14	89.36
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0323	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,267.91	107.23
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0324	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	768.45	44.68
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0325	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	850.13	53.62
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0326	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	970.42	62.56
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0327	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,031.32	71.49
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0328	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,279.25	89.36
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0329	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,462.86	107.23
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0330		Solid Wood Face Frame And Decorative Laminate Veneer Door, Wall And Base Cabinets *(06 41 13 00-0005)*		
06 41 13 00-0331		Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0330)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0332	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	345.91	20.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0333	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	367.85	25.13
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0334	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	384.72	30.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0335	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	405.34	35.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0336	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	461.03	40.21
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0337	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	482.81	45.24
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0338	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	521.46	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0339	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	549.99	55.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0340	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	567.10	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*116.77*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0341	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	647.19	80.43
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*233.54*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0342	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	717.40	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*233.54*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0343	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	795.70	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*233.54*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0344	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	753.02	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0345	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	840.23	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0346	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	351.85	20.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0347	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	359.94	25.13
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0348	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	392.63	30.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0349	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	418.20	35.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0350	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	436.30	40.21
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0351	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	458.07	45.24
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0352	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	751.04	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0353	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	791.45	55.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0354	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	832.31	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*350.31*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0355	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	431.01	20.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0356	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	441.08	25.13
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0357	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	478.73	30.16
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0358	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	509.24	35.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0359	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	535.25	40.21
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0360	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	562.96	45.24
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0361	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	787.66	50.26
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0362	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	833.01	55.29
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	
06 41 13 00-0363	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	879.81	60.32
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*467.08*	
		For All Plywood Box Construction, Add	*121.72*	

06 41 13 00-0364 Wall Cabinets, 12" High, 12" Deep *(06 41 13 00-0330)*

06 41 13 00-0365	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	310.29	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0366	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	330.86	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0367	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	364.77	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0368	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	389.50	65.35
		For All Plywood Box Construction, Add	*65.31*	

06 41 13 00-0369 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0330)*

06 41 13 00-0370	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	263.80	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0371	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	269.76	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0372	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	282.67	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0373	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	290.60	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0374	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	298.56	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0375	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	312.44	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0376	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	334.25	55.29
		For All Plywood Box Construction, Add	*65.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0377	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	364.77	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0378	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	389.50	65.35
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0379		**Wall Cabinets, 18" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0380	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	273.70	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0381	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	287.57	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0382	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	298.50	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0383	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	310.40	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0384	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	326.27	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0385	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	345.07	45.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0386	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	360.93	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0387	EA	33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	374.82	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0388	EA	36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	382.58	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0389		**Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0390	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	297.75	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0391	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	324.53	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0392	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	346.14	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0393	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	372.00	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0394	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	397.88	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0395	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	436.48	45.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0396	EA	30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	447.38	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0397	EA	33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	487.15	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0398	EA	36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	502.17	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0399		**Wall Cabinets, 36" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0400	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	335.36	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0401	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	363.13	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0402	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	387.70	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0403	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	415.54	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0404	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	487.94	40.21
		For All Plywood Box Construction, Add	*65.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0405	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	489.92	45.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0406	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	507.75	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0407	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	555.43	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0408	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	569.46	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0409		**Wall Cabinets, 42" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0410	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	373.95	20.10
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0411	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	408.65	25.13
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0412	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	435.20	30.16
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0413	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	462.05	35.19
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0414	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	503.77	40.21
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0415	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	537.42	45.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0416	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	565.14	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0417	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	618.76	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0418	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	637.75	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0419		**Wall Cabinets, 12" High, 23-3/4" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0420	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	355.21	50.26
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0421	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	381.76	55.29
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0422	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	409.76	60.32
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0423	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	443.39	65.35
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0424	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	523.59	80.43
		For All Plywood Box Construction, Add	*65.31*	
06 41 13 00-0425		**Utility Cabinets, 84" High** *(06 41 13 00-0330)*		
06 41 13 00-0426	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	679.39	44.68
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0427	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	768.99	53.62
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0428	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	864.53	420.00
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0429	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	908.61	71.49
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0430	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,099.14	89.36
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0431	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,267.91	107.23
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0432	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	768.45	44.68
		For All Plywood Box Construction, Add	*241.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0433	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	850.13	53.62
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0434	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	970.42	62.56
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0435	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,031.32	71.49
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0436	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,279.25	89.36
		For All Plywood Box Construction, Add	*241.46*	
06 41 13 00-0437	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,462.86	107.23
		For All Plywood Box Construction, Add	*241.46*	

06 41 93 Cabinet and Drawer Hardware *(06 41)*

06 41 93 00-0001 Cabinet Hardware *(06 41 93)*

Note: Includes all finishes, and mounting screws.

06 41 93 00-0002	EA	4" To 6" Long, 1/2" Diameter, Cabinet Bar Pull	24.67	8.55
06 41 93 00-0003	EA	7" To 9" Long, 1/2" Diameter, Cabinet Bar Pull	25.52	8.55
06 41 93 00-0004	EA	10" To 12" Long, 1/2" Diameter, Cabinet Bar Pull	27.01	8.55
06 41 93 00-0005	EA	3" To 4-1/2", Flat Cabinet Pull Handle	28.67	8.55
06 41 93 00-0006	EA	5" To 6-1/2", Flat Cabinet Pull Handle	29.52	8.55
06 41 93 00-0007	EA	7" To 8-1/2", Flat Cabinet Pull Handle	38.66	8.55
06 41 93 00-0008	EA	12" To 12-1/2", Flat Cabinet Pull Handle	76.53	8.55
06 41 93 00-0009	EA	1-7/16" Diameter, Mushroom Cabinet Pull Knobs	19.29	6.53
06 41 93 00-0010	EA	3-7/16" x 1-5/8" x 1" Projection, Cabinet Cup Pull	19.13	6.53
06 41 93 00-0011	EA	1-1/4" Long, Finger Cabinet Pull	26.11	7.54
06 41 93 00-0012	EA	3" Long, Finger Cabinet Pull	30.10	7.54
06 41 93 00-0013	EA	4" Long, Finger Cabinet Pull	32.82	7.54
06 41 93 00-0014	EA	6" Long, Finger Cabinet Pull	36.54	7.54
06 41 93 00-0015	EA	12" Long, Finger Cabinet Pull	53.81	7.54
06 41 93 00-0016	EA	Cabinet Spring Loaded Adjustable Barrel Ball Catch	38.25	10.06
06 41 93 00-0017	EA	Cabinet Surface Mounted Square or Matchbook Latch	56.38	10.06
06 41 93 00-0018	EA	Cabinet Door or Drawer Mortised Lock With 2 Keys	152.91	15.08
06 41 93 00-0019	EA	Cabinet Door or Drawer Bored Lock with 2 Keys	50.34	8.55
06 41 93 00-0020	EA	Cabinet Surface Mounted Slide or Barrel Bolt Latch	33.83	8.55

06 42 Wood Paneling *(06 40)*

Note: Includes glue for installation.

06 42 13 Wood Board Paneling *(06 42)*

06 42 13 00-0001 Solid Wood Paneling *(06 42 13)*

06 42 13 00-0002 7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide *(06 42 13 00-0001)*

06 42 13 00-0003	SF	Homestead Cedar Paneling Tongue And Groove, 7/16"	9.45	2.12
06 42 13 00-0004	SF	Homestead Juniper Paneling Tongue And Groove, 7/16"	9.96	2.12

06 42 13 00-0005 7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide *(06 42 13 00-0001)*

06 42 13 00-0006	SF	8" Random Plank Tongue And Groove, 7/16"	12.04	2.01
06 42 13 00-0007	SF	8" Solid Plank Tongue And Groove, 7/16"	11.15	2.01

06 42 13 00-0008 1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide *(06 42 13 00-0001)*

06 42 13 00-0009	SF	Alder Wood Tongue And Groove Paneling, 1/2"	10.97	2.12

06 42 13 00-0010 1" Solid Wood Paneling, Shiplap, 6" To 8" Wide *(06 42 13 00-0001)*

06 42 13 00-0011	SF	1" Teredo (Driftwood) Wood Shiplap	7.04	1.81

06 42 16 Flush Wood Paneling *(06 42)*

06 42 16 00-0001 Veneer Hardboard Panels *(06 42 16)*

06 42 16 00-0002	SF	1/4" Maple Veneer Paneling	5.83	1.82
		For Waterproof Glue, Add	*0.12*	
		For Ceiling Installation, Add	*1.24*	

06 42 16 00-0003 Plywood Unfinished With Trim 1/4" Thick *(06 42 16)*

06 42 16 00-0004 Birch *(06 42 16 00-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0005	SF	1/4" Unfinished Birch Plywood, Natural Faced With Trim	5.22	1.62
		For Waterproof Glue, Add	*0.11*	
		For Ceiling Installation, Add	*1.09*	
		For Installation On Metal Studs Or Furring, Add	*0.40*	
		For Glue Laminated Installation, Add	*0.26*	
		For Lumber Core, Add	*0.17*	
		For 1/8" Thick Paneling, Deduct	*-0.52*	
		For 1/2" Thick Paneling, Add	*1.29*	
		For 5/8" Thick Paneling, Add	*1.62*	
		For 3/4" Thick Paneling, Add	*2.05*	
		For Fire Retardant Treatment (Class I), Add	*1.25*	
06 42 16 00-0006	SF	1/4" Unfinished Birch Plywood, Select With Trim	5.34	1.62
		For Waterproof Glue, Add	*0.12*	
		For Ceiling Installation, Add	*1.09*	
		For Installation On Metal Studs Or Furring, Add	*0.40*	
		For Glue Laminated Installation, Add	*0.27*	
		For Lumber Core, Add	*0.19*	
		For 1/8" Thick Paneling, Deduct	*-0.54*	
		For 1/2" Thick Paneling, Add	*1.35*	
		For 5/8" Thick Paneling, Add	*1.71*	
		For 3/4" Thick Paneling, Add	*2.17*	
		For Fire Retardant Treatment (Class I), Add	*1.34*	

06 42 16 00-0007 Knotty Pine *(06 42 16 00-0003)*

06 42 16 00-0008	SF	1/4" Knotty Pine Plywood, Grade AA Unfinished With Trim	6.14	1.82
		For Waterproof Glue, Add	*0.15*	
		For Ceiling Installation, Add	*1.22*	
		For Installation On Metal Studs Or Furring, Add	*0.45*	
		For Glue Laminated Installation, Add	*0.31*	
		For Lumber Core, Add	*0.23*	
		For 1/8" Thick Paneling, Deduct	*-0.63*	
		For 1/2" Thick Paneling, Add	*1.61*	
		For 5/8" Thick Paneling, Add	*2.05*	
		For 3/4" Thick Paneling, Add	*2.62*	
		For Fire Retardant Treatment (Class I), Add	*1.65*	
06 42 16 00-0009	SF	1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim	6.05	1.82
		For Waterproof Glue, Add	*0.14*	
		For Ceiling Installation, Add	*1.22*	
		For Installation On Metal Studs Or Furring, Add	*0.45*	
		For Glue Laminated Installation, Add	*0.30*	
		For Lumber Core, Add	*0.22*	
		For 1/8" Thick Paneling, Deduct	*-0.62*	
		For 1/2" Thick Paneling, Add	*1.57*	
		For 5/8" Thick Paneling, Add	*1.99*	
		For 3/4" Thick Paneling, Add	*2.53*	
		For Fire Retardant Treatment (Class I), Add	*1.58*	

06 42 16 00-0010 Cedar (Aromatic - Closet Lining) *(06 42 16 00-0003)*

06 42 16 00-0011	SF	1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining	5.89	2.03
		For Waterproof Glue, Add	*0.09*	
		For Ceiling Installation, Add	*1.37*	
		For Installation On Metal Studs Or Furring, Add	*0.50*	
		For Glue Laminated Installation, Add	*0.29*	
		For Lumber Core, Add	*0.15*	
		For 1/8" Thick Paneling, Deduct	*-0.54*	
		For 1/2" Thick Paneling, Add	*1.27*	
		For 5/8" Thick Paneling, Add	*1.54*	
		For 3/4" Thick Paneling, Add	*1.90*	
		For Fire Retardant Treatment (Class I), Add	*1.05*	
06 42 16 00-0012	SF	1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining	5.12	2.03
		For Waterproof Glue, Add	*0.04*	
		For Ceiling Installation, Add	*1.37*	
		For Installation On Metal Studs Or Furring, Add	*0.50*	
		For Glue Laminated Installation, Add	*0.26*	
		For Lumber Core, Add	*0.06*	
		For 1/8" Thick Paneling, Deduct	*-0.41*	
		For 1/2" Thick Paneling, Add	*0.85*	
		For 5/8" Thick Paneling, Add	*0.97*	
		For 3/4" Thick Paneling, Add	*1.12*	
		For Fire Retardant Treatment (Class I), Add	*0.44*	

06 42 16 00-0013 Top Grade Plywood Prefinished With Trim 1/4" Thick *(06 42 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0014	SF	1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim	5.82	1.82
		For Flitch Matched Veneer, Add	*0.89*	
		For Second Grade Veneer, Deduct	*-0.18*	
		For Third Grade Veneer, Deduct	*-0.27*	
		For Waterproof Glue, Add	*0.12*	
		For Ceiling Installation, Add	*1.22*	
		For Installation On Metal Studs Or Furring, Add	*0.45*	
		For Glue Laminated Installation, Add	*0.29*	
		For Lumber Core, Add	*0.19*	
		For 1/8" Thick Paneling, Deduct	*-0.58*	
		For 1/2" Thick Paneling, Add	*1.44*	
		For 5/8" Thick Paneling, Add	*1.81*	
		For 3/4" Thick Paneling, Add	*2.29*	
		For Fire Retardant Treatment (Class I), Add	*1.40*	
06 42 16 00-0015	SF	1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim	6.61	1.82
		For Flitch Matched Veneer, Add	*1.28*	
		For Second Grade Veneer, Deduct	*-0.26*	
		For Third Grade Veneer, Deduct	*-0.38*	
		For Waterproof Glue, Add	*0.18*	
		For Ceiling Installation, Add	*1.22*	
		For Installation On Metal Studs Or Furring, Add	*0.45*	
		For Glue Laminated Installation, Add	*0.33*	
		For Lumber Core, Add	*0.28*	
		For 1/8" Thick Paneling, Deduct	*-0.71*	
		For 1/2" Thick Paneling, Add	*1.87*	
		For 5/8" Thick Paneling, Add	*2.41*	
		For 3/4" Thick Paneling, Add	*3.10*	
		For Fire Retardant Treatment (Class I), Add	*2.02*	
06 42 16 00-0016	SF	1/4" Top Grade Plywood, Chestnut Veneer Prefinished With Trim	10.35	1.82
		For Flitch Matched Veneer, Add	*2.75*	
		For Second Grade Veneer, Deduct	*-0.55*	
		For Third Grade Veneer, Deduct	*-0.82*	
		For Waterproof Glue, Add	*0.38*	
		For Ceiling Installation, Add	*1.46*	
		For Installation On Metal Studs Or Furring, Add	*0.53*	
		For Glue Laminated Installation, Add	*0.52*	
		For Lumber Core, Add	*0.60*	
		For 1/8" Thick Paneling, Deduct	*-1.26*	
		For 1/2" Thick Paneling, Add	*3.55*	
		For 5/8" Thick Paneling, Add	*4.70*	
		For 3/4" Thick Paneling, Add	*6.18*	
		For Fire Retardant Treatment (Class I), Add	*4.34*	
06 42 16 00-0017	SF	1/4" Top Grade Plywood, Lauan Veneer Prefinished With Trim	4.81	1.82
		For Flitch Matched Veneer, Add	*0.59*	
		For Second Grade Veneer, Deduct	*-0.12*	
		For Third Grade Veneer, Deduct	*-0.18*	
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.09*	
		For Installation On Metal Studs Or Furring, Add	*0.40*	
		For Glue Laminated Installation, Add	*0.24*	
		For Lumber Core, Add	*0.13*	
		For 1/8" Thick Paneling, Deduct	*-0.45*	
		For 1/2" Thick Paneling, Add	*1.07*	
		For 5/8" Thick Paneling, Add	*1.31*	
		For 3/4" Thick Paneling, Add	*1.63*	
		For Fire Retardant Treatment (Class I), Add	*0.92*	
06 42 16 00-0018	SF	1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim	8.98	1.82
		For Flitch Matched Veneer, Add	*2.21*	
		For Second Grade Veneer, Deduct	*-0.44*	
		For Third Grade Veneer, Deduct	*-0.66*	
		For Waterproof Glue, Add	*0.31*	
		For Ceiling Installation, Add	*1.37*	
		For Installation On Metal Studs Or Furring, Add	*0.50*	
		For Glue Laminated Installation, Add	*0.45*	
		For Lumber Core, Add	*0.49*	
		For 1/8" Thick Paneling, Deduct	*-1.06*	
		For 1/2" Thick Paneling, Add	*2.93*	
		For 5/8" Thick Paneling, Add	*3.86*	
		For 3/4" Thick Paneling, Add	*5.06*	
		For Fire Retardant Treatment (Class I), Add	*3.49*	
06 42 16 00-0019	SF	1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim	6.01	1.82
		For Flitch Matched Veneer, Add	*0.98*	
		For Second Grade Veneer, Deduct	*-0.20*	
		For Third Grade Veneer, Deduct	*-0.29*	
		For Waterproof Glue, Add	*0.14*	
		For Ceiling Installation, Add	*1.22*	
		For Installation On Metal Studs Or Furring, Add	*0.45*	
		For Glue Laminated Installation, Add	*0.30*	
		For Lumber Core, Add	*0.22*	
		For 1/8" Thick Paneling, Deduct	*-0.61*	
		For 1/2" Thick Paneling, Add	*1.54*	
		For 5/8" Thick Paneling, Add	*1.96*	
		For 3/4" Thick Paneling, Add	*2.49*	
		For Fire Retardant Treatment (Class I), Add	*1.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0020	SF	1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim	7.15	1.82
		For Flitch Matched Veneer, Add	*1.30*	
		For Second Grade Veneer, Deduct	*-0.26*	
		For Third Grade Veneer, Deduct	*-0.39*	
		For Waterproof Glue, Add	*0.18*	
		For Ceiling Installation, Add	*1.37*	
		For Installation On Metal Studs Or Furring, Add	*0.50*	
		For Glue Laminated Installation, Add	*0.36*	
		For Lumber Core, Add	*0.28*	
		For 1/8" Thick Paneling, Deduct	*-0.75*	
		For 1/2" Thick Paneling, Add	*1.95*	
		For 5/8" Thick Paneling, Add	*2.49*	
		For 3/4" Thick Paneling, Add	*3.19*	
		For Fire Retardant Treatment (Class I), Add	*2.05*	
06 42 16 00-0021	SF	1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim	11.96	1.82
		For Flitch Matched Veneer, Add	*3.13*	
		For Second Grade Veneer, Deduct	*-0.63*	
		For Third Grade Veneer, Deduct	*-0.94*	
		For Waterproof Glue, Add	*0.44*	
		For Ceiling Installation, Add	*1.71*	
		For Installation On Metal Studs Or Furring, Add	*0.63*	
		For Glue Laminated Installation, Add	*0.60*	
		For Lumber Core, Add	*0.69*	
		For 1/8" Thick Paneling, Deduct	*-1.44*	
		For 1/2" Thick Paneling, Add	*4.06*	
		For 5/8" Thick Paneling, Add	*5.38*	
		For 3/4" Thick Paneling, Add	*7.07*	
		For Fire Retardant Treatment (Class I), Add	*4.95*	
06 42 16 00-0022	SF	1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim	8.97	1.82
		For Flitch Matched Veneer, Add	*2.21*	
		For Second Grade Veneer, Deduct	*-0.44*	
		For Third Grade Veneer, Deduct	*-0.66*	
		For Waterproof Glue, Add	*0.31*	
		For Ceiling Installation, Add	*1.37*	
		For Installation On Metal Studs Or Furring, Add	*0.50*	
		For Glue Laminated Installation, Add	*0.45*	
		For Lumber Core, Add	*0.49*	
		For 1/8" Thick Paneling, Deduct	*-1.06*	
		For 1/2" Thick Paneling, Add	*2.93*	
		For 5/8" Thick Paneling, Add	*3.85*	
		For 3/4" Thick Paneling, Add	*5.05*	
		For Fire Retardant Treatment (Class I), Add	*3.48*	
06 42 16 00-0023	SF	1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim	7.81	1.82
		For Flitch Matched Veneer, Add	*1.88*	
		For Second Grade Veneer, Deduct	*-0.38*	
		For Third Grade Veneer, Deduct	*-0.56*	
		For Waterproof Glue, Add	*0.26*	
		For Ceiling Installation, Add	*1.22*	
		For Installation On Metal Studs Or Furring, Add	*0.45*	
		For Glue Laminated Installation, Add	*0.39*	
		For Lumber Core, Add	*0.41*	
		For 1/8" Thick Paneling, Deduct	*-0.91*	
		For 1/2" Thick Paneling, Add	*2.52*	
		For 5/8" Thick Paneling, Add	*3.31*	
		For 3/4" Thick Paneling, Add	*4.32*	
		For Fire Retardant Treatment (Class I), Add	*2.97*	
06 42 16 00-0024	SF	1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim	6.05	1.82
		For Flitch Matched Veneer, Add	*1.00*	
		For Second Grade Veneer, Deduct	*-0.20*	
		For Third Grade Veneer, Deduct	*-0.30*	
		For Waterproof Glue, Add	*0.14*	
		For Ceiling Installation, Add	*1.22*	
		For Installation On Metal Studs Or Furring, Add	*0.45*	
		For Glue Laminated Installation, Add	*0.30*	
		For Lumber Core, Add	*0.22*	
		For 1/8" Thick Paneling, Deduct	*-0.62*	
		For 1/2" Thick Paneling, Add	*1.57*	
		For 5/8" Thick Paneling, Add	*1.99*	
		For 3/4" Thick Paneling, Add	*2.53*	
		For Fire Retardant Treatment (Class I), Add	*1.58*	
06 42 16 00-0025		Accessories *(06 42 16)*		
06 42 16 00-0026	EA	Aluminum Panel Retainer "J" With Bolt	38.35	

06 42 19 Plastic-Laminate-Faced Wood Paneling *(06 42)*

06 42 19 00-0001		Plastic Laminate *(06 42 19)* Note: Standard colors and patterns.		
06 42 19 00-0002	SF	1/16" Plastic Laminate Faced Panel Note: Includes cutting to fit.	10.24	3.52

06 43 Wood Stairs and Railings *(06 40)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 43 13	**Wood Stairs** *(06 43)*				
06 43 13 00-0001	Stair Parts *(06 43 13)*				
06 43 13 00-0002		EA	30" Baluster, Pine	54.67	20.40
06 43 13 00-0003		EA	30" Baluster, Birch	65.61	20.40
06 43 13 00-0004		EA	42" Baluster, Pine	62.24	21.10
06 43 13 00-0005		EA	42" Baluster, Birch	73.91	21.10
06 43 13 00-0006		EA	3-1/4" Wide Newels, Starting	333.36	80.19
06 43 13 00-0007		EA	3-1/4" Wide Newels, Landing	488.98	112.54
06 43 13 00-0008		LF	Oak Gooseneck, 1 Riser	194.87	70.34
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*23.09*	
06 43 13 00-0009		LF	Oak Gooseneck, 2 Riser	229.46	77.28
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*25.39*	
06 43 13 00-0010		LF	Oak Handrail, 2-1/2" x 3" With Quarter Turn	40.50	10.56
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.46*	
06 43 13 00-0011		LF	1-1/16" x 9-1/2" Oak Stair Tread	54.10	5.93
			For Beech, Add	*12.69*	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.71*	
06 43 13 00-0012		LF	1-1/16" x 11-1/2" Oak Stair Tread	66.13	5.93
			For Beech, Add	*16.30*	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.71*	
06 43 13 00-0013		LF	1-1/16" x 11-1/2" Pine Stair Tread	28.85	5.93
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.71*	
06 43 13 00-0014		LF	3/4" x 7-1/2" High Beech Riser	40.02	6.13
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.83*	
06 43 13 00-0015		LF	3/4" x 7-1/2" High Oak Riser	37.46	6.13
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.83*	
06 43 13 00-0016		LF	3/4" x 7-1/2" High Fir Riser	21.05	6.13
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.83*	
06 43 13 00-0017		LF	3/4" x 7-1/2" High Pine Riser	20.25	6.13
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.83*	
06 43 13 00-0018		SF	Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing	43.23	
06 43 13 00-0019	Interior Box Stairs *(06 43 13)*				
			Note: Factory cut and assembled straight closed box stairs, unfinished.		
06 43 13 00-0020		EA	30" Wide Pine Box Stair, Per Riser	294.60	61.20
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*20.10*	
			For Prefinished Stair Rail With Balusters And Newel, Add	*70.22*	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.93*	
			For Oak Or Maple Treads, Add	*93.24*	
06 43 13 00-0021		EA	32" Wide Pine Box Stair, Per Riser	312.91	62.60
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*20.56*	
			For Prefinished Stair Rail With Balusters And Newel, Add	*70.82*	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.18*	
			For Oak Or Maple Treads, Add	*100.58*	
06 43 13 00-0022		EA	34" Wide Pine Box Stair, Per Riser	330.26	63.31
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*20.80*	
			For Prefinished Stair Rail With Balusters And Newel, Add	*71.13*	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.30*	
			For Oak Or Maple Treads, Add	*107.92*	
06 43 13 00-0023		EA	36" Wide Pine Box Stair, Per Riser	350.38	64.01
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*21.03*	
			For Prefinished Stair Rail With Balusters And Newel, Add	*71.43*	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.43*	
			For Oak Or Maple Treads, Add	*116.53*	
06 43 13 00-0024		EA	38" Wide Pine Box Stair, Per Riser	362.20	64.72
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*21.26*	
			For Prefinished Stair Rail With Balusters And Newel, Add	*71.73*	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.55*	
			For Oak Or Maple Treads, Add	*121.40*	
06 43 13 00-0025		EA	40" Wide Pine Box Stair, Per Riser	375.03	66.12
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*21.72*	
			For Prefinished Stair Rail With Balusters And Newel, Add	*72.33*	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.81*	
			For Oak Or Maple Treads, Add	*126.27*	
06 43 13 00-0026		EA	42" Wide Pine Box Stair, Per Riser	386.86	66.82
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*21.95*	
			For Prefinished Stair Rail With Balusters And Newel, Add	*72.64*	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.93*	
			For Oak Or Maple Treads, Add	*131.13*	
06 43 13 00-0027		EA	44" Wide Pine Box Stair, Per Riser	398.69	67.53
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*22.19*	
			For Prefinished Stair Rail With Balusters And Newel, Add	*72.94*	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*24.06*	
			For Oak Or Maple Treads, Add	*136.00*	
06 43 13 00-0028		EA	46" Wide Pine Box Stair, Per Riser	410.48	68.23
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	*22.41*	
			For Prefinished Stair Rail With Balusters And Newel, Add	*73.23*	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*24.18*	
			For Oak Or Maple Treads, Add	*140.87*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 43 13 00-0029	EA	48" Wide Pine Box Stair, Per Riser	424.21	70.34
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*23.11*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*74.14*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*24.56*	
		For Oak Or Maple Treads, Add	*145.68*	

06 43 16 Wood Railings *(06 43)*

06 43 16 00-0001 Handrails *(06 43 16)*

06 43 16 00-0002 Wood Handrail With Brackets *(06 43 16 00-0001)*

Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.

06 43 16 00-0003	LF	1-1/2" x 1-11/16", Wood Handrail With Brackets	17.31	5.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.31*	
06 43 16 00-0004	LF	1-7/8" x 2-5/8", Wood Handrail With Brackets	18.78	5.03
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.31*	
06 43 16 00-0005	LF	1-1/2" Diameter, Wood Handrail With Brackets	23.66	5.03
06 43 16 00-0006	LF	1-3/4" Diameter, Wood Handrail With Brackets	24.88	5.03
06 43 16 00-0007	LF	2" Diameter, Wood Handrail With Brackets	29.27	5.03
06 43 16 00-0008	LF	2-1/2" Diameter, Wood Handrail With Brackets	42.83	5.03

06 44 Ornamental Woodwork *(06 40)*

06 44 39 Wood Posts and Columns *(06 44)*

06 44 39 00-0001 Columns *(06 44 39)*

06 44 39 00-0002 Pine Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

06 44 39 00-0003	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	76.02	6.60
06 44 39 00-0004	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	94.78	9.65
06 44 39 00-0005	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	116.54	11.18
06 44 39 00-0006	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	140.00	11.69
06 44 39 00-0007	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	316.17	13.22
06 44 39 00-0008	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	367.65	14.23
06 44 39 00-0009	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	443.10	15.24
06 44 39 00-0010	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	529.60	16.26
06 44 39 00-0011	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	87.82	6.60
06 44 39 00-0012	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	104.23	9.65
06 44 39 00-0013	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	129.61	11.18
06 44 39 00-0014	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	153.96	11.69
06 44 39 00-0015	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	344.55	13.22
06 44 39 00-0016	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	469.45	14.23
06 44 39 00-0017	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	506.17	15.24
06 44 39 00-0018	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	570.14	16.26

06 44 39 00-0019 Pine Colonial Columns, Round Non Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

06 44 39 00-0020	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	91.88	6.60
06 44 39 00-0021	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	112.79	9.65
06 44 39 00-0022	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	139.97	11.18
06 44 39 00-0023	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	169.28	11.69
06 44 39 00-0024	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	389.64	13.22
06 44 39 00-0025	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	453.68	14.23
06 44 39 00-0026	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	547.74	15.24
06 44 39 00-0027	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	655.64	16.26
06 44 39 00-0028	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	106.65	6.60
06 44 39 00-0029	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	125.72	9.65
06 44 39 00-0030	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	156.90	11.18
06 44 39 00-0031	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	187.20	11.69
06 44 39 00-0032	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	425.18	13.22
06 44 39 00-0033	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	581.30	14.23
06 44 39 00-0034	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	626.80	15.24
06 44 39 00-0035	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	706.49	16.26

06 44 39 00-0036 Pine Classical Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

06 44 39 00-0037	LF	6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	81.63	6.60
06 44 39 00-0038	LF	8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	101.52	9.65
06 44 39 00-0039	LF	10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	125.03	11.18
06 44 39 00-0040	LF	12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	150.50	11.69
06 44 39 00-0041	LF	6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	94.49	6.60
06 44 39 00-0042	LF	8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	111.83	9.65
06 44 39 00-0043	LF	10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	139.26	11.18
06 44 39 00-0044	LF	12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	165.72	11.69

06 44 39 00-0045 Redwood Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed redwood.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0046	LF	6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	128.82	6.60
06 44 39 00-0047	LF	8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	154.23	9.65
06 44 39 00-0048	LF	10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	192.67	11.18
06 44 39 00-0049	LF	12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	236.39	11.69
06 44 39 00-0050	LF	6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	148.64	6.60
06 44 39 00-0051	LF	8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	175.41	9.65
06 44 39 00-0052	LF	10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	217.45	11.18
06 44 39 00-0053	LF	12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	268.83	11.69
06 44 39 00-0054		Ornamental Or Decorative Cap And Bases, Resin *(06 44 39 00-0001)*		
		Note: For tapered wood columns.		
06 44 39 00-0055	EA	6" Resin Corinthian Capital And Base	405.82	13.72
06 44 39 00-0056	EA	8" Resin Corinthian Capital And Base	616.07	15.24
06 44 39 00-0057	EA	10" Resin Corinthian Capital And Base	859.90	17.79
06 44 39 00-0058	EA	12" Resin Corinthian Capital And Base	1,099.22	20.33
06 44 39 00-0059	EA	6" Resin Greek Erectheum Cap And Base	360.77	13.72
06 44 39 00-0060	EA	8" Resin Greek Erectheum Cap And Base	503.46	15.24
06 44 39 00-0061	EA	10" Resin Greek Erectheum Cap And Base	625.67	17.79
06 44 39 00-0062	EA	12" Resin Greek Erectheum Cap And Base	819.94	20.33
06 44 39 00-0063	EA	6" Resin Roman Ionic Capital And Base	379.81	14.23
06 44 39 00-0064	EA	8" Resin Roman Ionic Capital And Base	503.46	15.24
06 44 39 00-0065	EA	10" Resin Roman Ionic Capital And Base	625.67	17.79
06 44 39 00-0066	EA	12" Resin Roman Ionic Capital And Base	797.42	20.33
06 44 39 00-0067	EA	6" Resin Scamozzi Capital And Base	384.32	14.23
06 44 39 00-0068	EA	8" Resin Scamozzi Capital And Base	548.51	15.24
06 44 39 00-0069	EA	10" Resin Scamozzi Capital And Base	648.19	17.79
06 44 39 00-0070	EA	12" Resin Scamozzi Capital And Base	892.01	20.33
06 44 39 00-0071	EA	6" Resin Temple Of Winds Cap And Base	384.32	14.23
06 44 39 00-0072	EA	8" Resin Temple Of Winds Cap And Base	598.06	15.24
06 44 39 00-0073	EA	10" Resin Temple Of Winds Cap And Base	792.34	17.79
06 44 39 00-0074	EA	12" Resin Temple Of Winds Cap And Base	982.10	20.33
06 44 39 00-0075		Ornamental Or Decorative Cap And Bases, Plaster *(06 44 39 00-0001)*		
		Note: For tapered wood columns.		
06 44 39 00-0076	EA	6" Plaster Corinthian Capital And Base	824.74	13.72
06 44 39 00-0077	EA	8" Plaster Corinthian Capital And Base	926.89	15.24
06 44 39 00-0078	EA	10" Plaster Corinthian Capital And Base	1,179.72	17.79
06 44 39 00-0079	EA	12" Plaster Corinthian Capital And Base	1,297.42	20.33
06 44 39 00-0080	EA	6" Plaster Greek Erectheum Cap And Base	545.46	13.72
06 44 39 00-0081	EA	8" Plaster Greek Erectheum Cap And Base	634.09	15.24
06 44 39 00-0082	EA	10" Plaster Greek Erectheum Cap And Base	783.33	17.79
06 44 39 00-0083	EA	12" Plaster Greek Erectheum Cap And Base	986.60	20.33
06 44 39 00-0084	EA	6" Plaster Roman Ionic Capital And Base	523.96	14.23
06 44 39 00-0085	EA	8" Plaster Roman Ionic Capital And Base	688.15	15.24
06 44 39 00-0086	EA	10" Plaster Roman Ionic Capital And Base	832.88	17.79
06 44 39 00-0087	EA	12" Plaster Roman Ionic Capital And Base	986.60	20.33
06 44 39 00-0088	EA	6" Plaster Scamozzi Capital And Base	623.05	14.23
06 44 39 00-0089	EA	8" Plaster Scamozzi Capital And Base	827.79	15.24
06 44 39 00-0090	EA	10" Plaster Scamozzi Capital And Base	931.98	17.79
06 44 39 00-0091	EA	12" Plaster Scamozzi Capital And Base	1,184.80	20.33
06 44 39 00-0092	EA	6" Plaster Temple Of Winds Cap And Base	523.96	14.23
06 44 39 00-0093	EA	8" Plaster Temple Of Winds Cap And Base	679.14	15.24
06 44 39 00-0094	EA	10" Plaster Temple Of Winds Cap And Base	886.93	17.79
06 44 39 00-0095	EA	12" Plaster Temple Of Winds Cap And Base	1,135.25	20.33
06 44 39 00-0096	EA	6" Plaster Empire Capital And Base	591.52	14.23
06 44 39 00-0097	EA	8" Plaster Empire Capital And Base	724.18	15.24
06 44 39 00-0098	EA	10" Plaster Empire Capital And Base	882.43	17.79
06 44 39 00-0099	EA	12" Plaster Empire Capital And Base	986.60	20.33

06 46 Wood Trim *(06 40)*

06 46 13 Wood Door and Window Casings *(06 46)*

06 46 13 00-0001 Door and Window Casings *(06 46 13)*

06 46 13 00-0002	LF	1-1/8" Wide Plain Pine Door And Window Molding	4.95	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 13 00-0003	LF	1-1/8" Wide Detailed Pine Door And Window Molding	5.00	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 13 00-0004	LF	2-1/2" Wide Pine Complete Door And Window Trim	6.47	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	

06 46 19 Wood Base and Shoe Moldings *(06 46)*

06 46 19 00-0001 Base And Shoe Molding *(06 46 19)*

06 46 19 00-0002	LF	1/2" x 1/2" Pine Quarter Round Trim	5.03	1.91
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 19 00-0003	LF	3/4" x 3/4" Pine Quarter Round Trim	5.45	1.91
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 19 00-0004	LF	3-1/2" High White Pine Base Molding, All Dimensions Are Nominal	6.70	1.21
		For Clear Birch, Add	*0.86*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.61*	
		For Stain Grade Material (No Finger Joints), Add	*0.48*	
		For Clear Poplar, Add	*0.54*	
06 46 19 00-0005	LF	4-1/2" High White Pine Base Molding, All Dimensions Are Nominal	8.12	1.51
		For Clear Birch, Add	*0.99*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.89*	
		For Stain Grade Material (No Finger Joints), Add	*0.56*	
		For Clear Poplar, Add	*0.62*	
06 46 19 00-0006	LF	5-1/2" High White Pine Base Molding, All Dimensions Are Nominal	10.31	1.71
		For Clear Birch, Add	*1.53*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*2.70*	
		For Stain Grade Material (No Finger Joints), Add	*0.86*	
		For Clear Poplar, Add	*0.96*	
06 46 19 00-0007	LF	3/4" x 1" Oak Base Shoe	6.53	1.91
06 46 19 00-0008	LF	3/4" x 1" White Pine Base Shoe, Stain Grade	6.29	1.91
06 46 19 00-0009	LF	3/4" x 1" White Pine Base Shoe, Paint Grade	5.75	1.91

06 46 23 Wood Chair Rails *(06 46)*

06 46 23 00-0001 Chair Rails *(06 46 23)*

06 46 23 00-0002	LF	5/8" x 2-1/2" White Pine Shaped Chair Rail	8.42	1.81
		For Birch, Add	*1.41*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.38*	
		For Poplar, Add	*0.88*	
06 46 23 00-0003	LF	5/8" x 3-1/2" White Pine Shaped Chair Rail	10.64	1.81
		For Birch, Add	*2.12*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.38*	
		For Poplar, Add	*1.32*	
06 46 23 00-0004	LF	1/2" x 1-5/8" White Pine Shaped Chair Rail	6.23	1.81
		For Birch, Add	*1.03*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.75*	
		For Poplar, Add	*0.64*	

06 46 26 Wood Cornices *(06 46)*

06 46 26 00-0001 Wood Cornices *(06 46 26)*

06 46 26 00-0002	LF	1" x 2" White Pine Cornices, All Dimensions Are Nominal	6.02	1.81
		For Birch, Add	*0.72*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*1.30*	
		For Poplar, Add	*0.90*	
06 46 26 00-0003	LF	1" x 4" White Pine Cornices, All Dimensions Are Nominal	7.81	1.91
		For Birch, Add	*1.30*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*2.05*	
		For Poplar, Add	*1.63*	
06 46 26 00-0004	LF	1" x 6" White Pine Cornices, All Dimensions Are Nominal	11.27	2.01
		For Birch, Add	*2.48*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*3.54*	
		For Poplar, Add	*3.11*	
06 46 26 00-0005	LF	1" x 8" White Pine Cornices, All Dimensions Are Nominal	13.13	2.01
		For Birch, Add	*3.09*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*4.31*	
		For Poplar, Add	*3.86*	
06 46 26 00-0006	LF	1" x 10" White Pine Cornices, All Dimensions Are Nominal	15.30	2.12
		For Birch, Add	*3.79*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*5.21*	
		For Poplar, Add	*4.73*	
06 46 26 00-0007	LF	1" x 12" White Pine Cornices, All Dimensions Are Nominal	20.00	2.31
		For Birch, Add	*5.39*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*7.24*	
		For Poplar, Add	*6.74*	

06 46 29 Wood Fasciae and Soffits *(06 46)*

06 46 29 00-0001 Fascia Board *(06 46 29)*

06 46 29 00-0002 Pine Fascia Board *(06 46 29 00-0001)*

06 46 29 00-0003	LF	1" x 6" Pine Fascia Board	4.63	2.01
06 46 29 00-0004	LF	1" x 8" Pine Fascia Board	5.28	2.23
06 46 29 00-0005	LF	1" x 10" Pine Fascia Board	5.69	2.34
06 46 29 00-0006	LF	1" x 12" Pine Fascia Board	6.66	2.62
06 46 29 00-0007	LF	2" x 6" Pine Fascia Board	4.59	2.01
06 46 29 00-0008	LF	2" x 8" Pine Fascia Board	5.21	2.23
06 46 29 00-0009	LF	2" x 10" Pine Fascia Board	5.79	2.34
06 46 29 00-0010	LF	2" x 12" Pine Fascia Board	6.95	2.62
06 46 29 00-0011	LF	2" x 6" Trim, Exterior, Pine, Resawn Fascia	6.47	2.01
06 46 29 00-0012	LF	2" x 8" Trim, Exterior, Pine, Resawn Fascia	7.68	2.23
06 46 29 00-0013	LF	2" x 10" Trim, Exterior, Pine, Resawn Fascia	8.79	2.34
06 46 29 00-0014	LF	2" x 12" Trim, Exterior, Pine, Resawn Fascia	11.43	2.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 29 00-0015		**Cedar Fascia Board** *(06 46 29 00-0001)*		
06 46 29 00-0016	LF	1" x 6" Cedar Fascia Board	4.93	2.01
06 46 29 00-0017	LF	1" x 8" Cedar Fascia Board	5.74	2.23
06 46 29 00-0018	LF	1" x 10" Cedar Fascia Board	6.58	2.34
06 46 29 00-0019	LF	1" x 12" Cedar Fascia Board	7.90	2.62
06 46 29 00-0020		**Engineered Wood Fascia Board** *(06 46 29 00-0001)*		
06 46 29 00-0021	LF	1" x 6" Engineered Wood Fascia Board	4.47	2.01
06 46 29 00-0022	LF	1" x 8" Engineered Wood Fascia Board	5.05	2.23
06 46 29 00-0023	LF	1" x 12" Engineered Wood Fascia Board	6.13	2.62
06 46 29 00-0024		**Soffit** *(06 46 29)*		
06 46 29 00-0025		**Sanded Plywood Soffit** *(06 46 29 00-0024)*		
06 46 29 00-0026	SF	3/8" Thick, Sanded Plywood Soffit	4.34	1.52
06 46 29 00-0027	SF	1/2" Thick, Sanded Plywood Soffit	4.81	1.60
06 46 29 00-0028	SF	5/8" Thick, Sanded Plywood Soffit	5.04	1.67
06 46 29 00-0029	SF	3/4" Thick, Sanded Plywood Soffit	5.62	1.76
06 46 29 00-0030		**MDO Plywood Soffit** *(06 46 29 00-0024)*		
06 46 29 00-0031	SF	3/8" Thick, MDO Plywood Soffit	4.94	1.52
06 46 29 00-0032	SF	1/2" Thick, MDO Plywood Soffit	5.57	1.60
06 46 29 00-0033	SF	3/4" Thick, MDO Plywood Soffit	7.10	1.76
06 46 29 00-0034		**Exterior Ceiling Gypsum Board Soffit** *(06 46 29 00-0024)*		
06 46 29 00-0035	SF	1/2" Thick, Exterior Ceiling Gypsum Board Soffit	3.29	1.32
06 46 29 00-0036	SF	5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit	3.56	1.39

06 46 36 Custom Wood Molding *(06 46)*

Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). All dimensions are nominal.

06 46 36 00-0001		**Ash** *(06 46 36)*		
06 46 36 00-0002	LF	3/4" x 1-1/2" Custom Shaped Ash	8.04	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0003	LF	3/4" x 2-1/2" Custom Shaped Ash	10.41	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0004	LF	3/4" x 3-1/2" Custom Shaped Ash	12.78	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0005	LF	3/4" x 4-1/2" Custom Shaped Ash	15.14	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0006	LF	3/4" x 5-1/2" Custom Shaped Ash	17.62	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0007	LF	3/4" x 6-1/2" Custom Shaped Ash	20.10	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0008	LF	3/4" x 7-1/2" Custom Shaped Ash	22.45	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0009	LF	3/4" x 8-1/2" Custom Shaped Ash	24.83	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0010	LF	3/4" x 9-1/2" Custom Shaped Ash	27.14	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0011	LF	3/4" x 10-1/2" Custom Shaped Ash	29.64	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0012	LF	3/4" x 11-1/2" Custom Shaped Ash	32.06	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
06 46 36 00-0013	LF	1" x 1-1/2" Custom Shaped Ash	9.70	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0014	LF	1" x 2-1/2" Custom Shaped Ash	12.81	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0015	LF	1" x 3-1/2" Custom Shaped Ash	15.94	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0016	LF	1" x 4-1/2" Custom Shaped Ash	19.05	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0017	LF	1" x 5-1/2" Custom Shaped Ash	22.33	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0018	LF	1" x 6-1/2" Custom Shaped Ash	25.56	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0019	LF	1" x 7-1/2" Custom Shaped Ash	28.66	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0020	LF	1" x 8-1/2" Custom Shaped Ash	31.79	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0021	LF	1" x 9-1/2" Custom Shaped Ash	34.91	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0022	LF	1" x 10-1/2" Custom Shaped Ash	38.17	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0023	LF	1" x 11-1/2" Custom Shaped Ash	41.33	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0024	LF	1-1/4" x 1-1/2" Custom Shaped Ash	11.78	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0025	LF	1-1/4" x 2-1/2" Custom Shaped Ash	15.92	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0026	LF	1-1/4" x 3-1/2" Custom Shaped Ash	20.06	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0027	LF	1-1/4" x 4-1/2" Custom Shaped Ash	24.19	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0028	LF	1-1/4" x 5-1/2" Custom Shaped Ash	28.43	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0029	LF	1-1/4" x 6-1/2" Custom Shaped Ash	32.68	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0030	LF	1-1/4" x 7-1/2" Custom Shaped Ash	36.81	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0031	LF	1-1/4" x 8-1/2" Custom Shaped Ash	40.96	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0032	LF	1-1/4" x 9-1/2" Custom Shaped Ash	45.04	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0033	LF	1-1/4" x 10-1/2" Custom Shaped Ash	49.32	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0034	LF	1-1/4" x 11-1/2" Custom Shaped Ash	53.49	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0035	LF	1-1/2" x 1-1/2" Custom Shaped Ash	14.78	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0036	LF	1-1/2" x 2-1/2" Custom Shaped Ash	20.36	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0037	LF	1-1/2" x 3-1/2" Custom Shaped Ash	25.94	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0038	LF	1-1/2" x 4-1/2" Custom Shaped Ash	31.53	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0039	LF	1-1/2" x 5-1/2" Custom Shaped Ash	37.12	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0040	LF	1-1/2" x 6-1/2" Custom Shaped Ash	42.92	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0041	LF	1-1/2" x 7-1/2" Custom Shaped Ash	48.60	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0042	LF	1-1/2" x 8-1/2" Custom Shaped Ash	54.11	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0043	LF	1-1/2" x 9-1/2" Custom Shaped Ash	59.63	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0044	LF	1-1/2" x 10-1/2" Custom Shaped Ash	65.88	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0045	LF	1-1/2" x 11-1/2" Custom Shaped Ash	70.97	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0046		Basswood *(06 46 36)*		
06 46 36 00-0047	LF	3/4" x 1-1/2" Custom Shaped Basswood	6.54	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0048	LF	3/4" x 2-1/2" Custom Shaped Basswood	8.15	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0049	LF	3/4" x 3-1/2" Custom Shaped Basswood	9.78	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0050	LF	3/4" x 4-1/2" Custom Shaped Basswood	11.39	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0051	LF	3/4" x 5-1/2" Custom Shaped Basswood	13.12	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0052	LF	3/4" x 6-1/2" Custom Shaped Basswood	14.84	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0053	LF	3/4" x 7-1/2" Custom Shaped Basswood	16.44	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0054	LF	3/4" x 8-1/2" Custom Shaped Basswood	18.07	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0055	LF	3/4" x 9-1/2" Custom Shaped Basswood	19.64	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0056	LF	3/4" x 10-1/2" Custom Shaped Basswood	21.39	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0057	LF	3/4" x 11-1/2" Custom Shaped Basswood	23.05	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
06 46 36 00-0058	LF	1" x 1-1/2" Custom Shaped Basswood	7.55	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0059	LF	1" x 2-1/2" Custom Shaped Basswood	9.60	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0060	LF	1" x 3-1/2" Custom Shaped Basswood	11.65	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0061	LF	1" x 4-1/2" Custom Shaped Basswood	13.69	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0062	LF	1" x 5-1/2" Custom Shaped Basswood	15.89	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0063	LF	1" x 6-1/2" Custom Shaped Basswood	18.05	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0064	LF	1" x 7-1/2" Custom Shaped Basswood	20.08	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0065	LF	1" x 8-1/2" Custom Shaped Basswood	22.14	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0066	LF	1" x 9-1/2" Custom Shaped Basswood	24.19	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0067	LF	1" x 10-1/2" Custom Shaped Basswood	26.38	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0068	LF	1" x 11-1/2" Custom Shaped Basswood	28.46	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0069	LF	1-1/2" x 1-1/2" Custom Shaped Basswood	10.60	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0070	LF	1-1/2" x 2-1/2" Custom Shaped Basswood	14.15	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0071	LF	1-1/2" x 3-1/2" Custom Shaped Basswood	17.70	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0072	LF	1-1/2" x 4-1/2" Custom Shaped Basswood	21.24	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0073	LF	1-1/2" x 5-1/2" Custom Shaped Basswood	24.89	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0074	LF	1-1/2" x 6-1/2" Custom Shaped Basswood	28.55	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0075	LF	1-1/2" x 7-1/2" Custom Shaped Basswood	32.09	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0076	LF	1-1/2" x 8-1/2" Custom Shaped Basswood	35.65	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0077	LF	1-1/2" x 9-1/2" Custom Shaped Basswood	39.14	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0078	LF	1-1/2" x 10-1/2" Custom Shaped Basswood	42.83	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0079	LF	1-1/2" x 11-1/2" Custom Shaped Basswood	46.41	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0080	LF	3-1/2" x 3-1/2" Custom Shaped Basswood	43.79	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0081	LF	3-1/2" x 4-1/2" Custom Shaped Basswood	53.86	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0082	LF	3-1/2" x 5-1/2" Custom Shaped Basswood	63.82	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0083	LF	3-1/2" x 6-1/2" Custom Shaped Basswood	74.00	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0084	LF	3-1/2" x 7-1/2" Custom Shaped Basswood	83.97	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
06 46 36 00-0085	LF	3-1/2" x 8-1/2" Custom Shaped Basswood	94.13	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0086	LF	3-1/2" x 9-1/2" Custom Shaped Basswood	103.99	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0087	LF	3-1/2" x 10-1/2" Custom Shaped Basswood	113.97	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0088	LF	3-1/2" x 11-1/2" Custom Shaped Basswood	124.13	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0089		**Birch** *(06 46 36)*		
06 46 36 00-0090	LF	3/4" x 1-1/2" Custom Shaped Birch	7.08	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0091	LF	3/4" x 2-1/2" Custom Shaped Birch	8.96	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0092	LF	3/4" x 3-1/2" Custom Shaped Birch	10.85	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0093	LF	3/4" x 4-1/2" Custom Shaped Birch	12.73	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0094	LF	3/4" x 5-1/2" Custom Shaped Birch	14.73	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0095	LF	3/4" x 6-1/2" Custom Shaped Birch	16.72	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0096	LF	3/4" x 7-1/2" Custom Shaped Birch	18.59	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0097	LF	3/4" x 8-1/2" Custom Shaped Birch	20.49	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0098	LF	3/4" x 9-1/2" Custom Shaped Birch	22.32	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0099	LF	3/4" x 10-1/2" Custom Shaped Birch	24.34	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0100	LF	3/4" x 11-1/2" Custom Shaped Birch	26.27	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
06 46 36 00-0101	LF	1" x 1-1/2" Custom Shaped Birch	8.36	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0102	LF	1" x 2-1/2" Custom Shaped Birch	10.77	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0103	LF	1" x 3-1/2" Custom Shaped Birch	13.25	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0104	LF	1" x 4-1/2" Custom Shaped Birch	15.72	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0105	LF	1" x 5-1/2" Custom Shaped Birch	18.30	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0106	LF	1" x 6-1/2" Custom Shaped Birch	20.84	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0107	LF	1" x 7-1/2" Custom Shaped Birch	23.30	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0108	LF	1" x 8-1/2" Custom Shaped Birch	25.79	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0109	LF	1" x 9-1/2" Custom Shaped Birch	28.21	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0110	LF	1" x 10-1/2" Custom Shaped Birch	30.77	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0111	LF	1" x 11-1/2" Custom Shaped Birch	33.28	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0112	LF	1-1/4" x 1-1/2" Custom Shaped Birch	9.85	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0113	LF	1-1/4" x 2-1/2" Custom Shaped Birch	13.02	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0114	LF	1-1/4" x 3-1/2" Custom Shaped Birch	16.20	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0115	LF	1-1/4" x 4-1/2" Custom Shaped Birch	19.36	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0116	LF	1-1/4" x 5-1/2" Custom Shaped Birch	22.64	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0117	LF	1-1/4" x 6-1/2" Custom Shaped Birch	25.93	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0118	LF	1-1/4" x 7-1/2" Custom Shaped Birch	29.08	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0119	LF	1-1/4" x 8-1/2" Custom Shaped Birch	32.27	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0120	LF	1-1/4" x 9-1/2" Custom Shaped Birch	35.39	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0121	LF	1-1/4" x 10-1/2" Custom Shaped Birch	38.70	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0122	LF	1-1/4" x 11-1/2" Custom Shaped Birch	41.91	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0123	LF	1-1/2" x 1-1/2" Custom Shaped Birch	12.21	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0124	LF	1-1/2" x 2-1/2" Custom Shaped Birch	16.50	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0125	LF	1-1/2" x 3-1/2" Custom Shaped Birch	20.79	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0126	LF	1-1/2" x 4-1/2" Custom Shaped Birch	25.09	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0127	LF	1-1/2" x 5-1/2" Custom Shaped Birch	29.40	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0128	LF	1-1/2" x 6-1/2" Custom Shaped Birch	33.91	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0129	LF	1-1/2" x 7-1/2" Custom Shaped Birch	38.19	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0130	LF	1-1/2" x 8-1/2" Custom Shaped Birch	42.52	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0131	LF	1-1/2" x 9-1/2" Custom Shaped Birch	46.76	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0132	LF	1-1/2" x 10-1/2" Custom Shaped Birch	51.73	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0133	LF	1-1/2" x 11-1/2" Custom Shaped Birch	55.52	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0134		**Clear Western Cedar** *(06 46 36)*		
06 46 36 00-0135	LF	3/4" x 1-1/2" Custom Shaped Clear West Cedar	7.08	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0136	LF	3/4" x 2-1/2" Custom Shaped Clear West Cedar	8.96	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0137	LF	3/4" x 3-1/2" Custom Shaped Clear West Cedar	10.85	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0138	LF	3/4" x 4-1/2" Custom Shaped Clear West Cedar	12.73	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0139	LF	3/4" x 5-1/2" Custom Shaped Clear West Cedar	14.73	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0140	LF	3/4" x 6-1/2" Custom Shaped Clear West Cedar	16.72	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0141	LF	1" x 1-1/2" Custom Shaped Clear West Cedar	8.47	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0142	LF	1" x 2-1/2" Custom Shaped Clear West Cedar	10.99	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0143	LF	1" x 3-1/2" Custom Shaped Clear West Cedar	13.52	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0144	LF	1" x 4-1/2" Custom Shaped Clear West Cedar	16.05	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0145	LF	1" x 5-1/2" Custom Shaped Clear West Cedar	18.68	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0146	LF	1" x 6-1/2" Custom Shaped Clear West Cedar	21.32	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0147	LF	1-1/4" x 1-1/2" Custom Shaped Clear West Cedar	11.25	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0148	LF	1-1/4" x 2-1/2" Custom Shaped Clear West Cedar	15.11	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0149	LF	1-1/4" x 3-1/2" Custom Shaped Clear West Cedar	18.99	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0150	LF	1-1/4" x 4-1/2" Custom Shaped Clear West Cedar	22.85	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0151	LF	1-1/4" x 5-1/2" Custom Shaped Clear West Cedar	26.82	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0152	LF	1-1/4" x 6-1/2" Custom Shaped Clear West Cedar	30.81	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0153	LF	1-1/2" x 1-1/2" Custom Shaped Clear West Cedar	11.56	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0154	LF	1-1/2" x 2-1/2" Custom Shaped Clear West Cedar	15.53	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0155	LF	1-1/2" x 3-1/2" Custom Shaped Clear West Cedar	19.50	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0156	LF	1-1/2" x 4-1/2" Custom Shaped Clear West Cedar	23.48	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0157	LF	1-1/2" x 5-1/2" Custom Shaped Clear West Cedar	27.47	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0158	LF	1-1/2" x 6-1/2" Custom Shaped Clear West Cedar	31.66	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0159	LF	3-1/2" x 3-1/2" Custom Shaped Clear West Cedar	38.64	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0160	LF	3-1/2" x 4-1/2" Custom Shaped Clear West Cedar	47.42	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0161	LF	3-1/2" x 5-1/2" Custom Shaped Clear West Cedar	56.10	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0162	LF	3-1/2" x 6-1/2" Custom Shaped Clear West Cedar	64.99	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0163	LF	3-1/2" x 7-1/2" Custom Shaped Clear West Cedar	73.67	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
06 46 36 00-0164	LF	3-1/2" x 8-1/2" Custom Shaped Clear West Cedar	82.44	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0165	LF	3-1/2" x 9-1/2" Custom Shaped Clear West Cedar	91.12	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0166	LF	3-1/2" x 10-1/2" Custom Shaped Clear West Cedar	99.81	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0167	LF	3-1/2" x 11-1/2" Custom Shaped Clear West Cedar	108.69	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	
06 46 36 00-0168		**Cherry** *(06 46 36)*		
06 46 36 00-0169	LF	3/4" x 1-1/2" Custom Shaped Cherry	8.80	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0170	LF	3/4" x 2-1/2" Custom Shaped Cherry	11.53	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0171	LF	3/4" x 3-1/2" Custom Shaped Cherry	14.28	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0172	LF	3/4" x 4-1/2" Custom Shaped Cherry	17.02	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0173	LF	3/4" x 5-1/2" Custom Shaped Cherry	19.88	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0174	LF	3/4" x 6-1/2" Custom Shaped Cherry	22.72	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0175	LF	3/4" x 7-1/2" Custom Shaped Cherry	25.45	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0176	LF	3/4" x 8-1/2" Custom Shaped Cherry	28.21	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0177	LF	3/4" x 9-1/2" Custom Shaped Cherry	30.90	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0178	LF	3/4" x 10-1/2" Custom Shaped Cherry	33.77	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0179	LF	3/4" x 11-1/2" Custom Shaped Cherry	36.56	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
06 46 36 00-0180	LF	1" x 1-1/2" Custom Shaped Cherry	10.61	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0181	LF	1" x 2-1/2" Custom Shaped Cherry	14.21	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0182	LF	1" x 3-1/2" Custom Shaped Cherry	17.81	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0183	LF	1" x 4-1/2" Custom Shaped Cherry	21.41	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0184	LF	1" x 5-1/2" Custom Shaped Cherry	25.11	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0185	LF	1" x 6-1/2" Custom Shaped Cherry	28.83	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0186	LF	1" x 7-1/2" Custom Shaped Cherry	32.41	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0187	LF	1" x 8-1/2" Custom Shaped Cherry	36.08	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0188	LF	1" x 9-1/2" Custom Shaped Cherry	39.58	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0189	LF	1" x 10-1/2" Custom Shaped Cherry	43.32	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0190	LF	1" x 11-1/2" Custom Shaped Cherry	46.96	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0191	LF	1-1/4" x 1-1/2" Custom Shaped Cherry	12.59	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0192	LF	1-1/4" x 2-1/2" Custom Shaped Cherry	17.15	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0193	LF	1-1/4" x 3-1/2" Custom Shaped Cherry	21.67	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0194	LF	1-1/4" x 4-1/2" Custom Shaped Cherry	26.23	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0195	LF	1-1/4" x 5-1/2" Custom Shaped Cherry	30.84	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0196	LF	1-1/4" x 6-1/2" Custom Shaped Cherry	35.53	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0197	LF	1-1/4" x 7-1/2" Custom Shaped Cherry	40.02	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0198	LF	1-1/4" x 8-1/2" Custom Shaped Cherry	44.60	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0199	LF	1-1/4" x 9-1/2" Custom Shaped Cherry	49.06	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0200	LF	1-1/4" x 10-1/2" Custom Shaped Cherry	53.77	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0201	LF	1-1/4" x 11-1/2" Custom Shaped Cherry	58.32	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0202	LF	1-1/2" x 1-1/2" Custom Shaped Cherry	16.28	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0203	LF	1-1/2" x 2-1/2" Custom Shaped Cherry	22.61	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0204	LF	1-1/2" x 3-1/2" Custom Shaped Cherry	28.94	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0205	LF	1-1/2" x 4-1/2" Custom Shaped Cherry	35.28	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0206	LF	1-1/2" x 5-1/2" Custom Shaped Cherry	41.62	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0207	LF	1-1/2" x 6-1/2" Custom Shaped Cherry	48.17	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0208	LF	1-1/2" x 7-1/2" Custom Shaped Cherry	54.49	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0209	LF	1-1/2" x 8-1/2" Custom Shaped Cherry	60.86	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0210	LF	1-1/2" x 9-1/2" Custom Shaped Cherry	67.13	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0211	LF	1-1/2" x 10-1/2" Custom Shaped Cherry	73.71	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0212	LF	1-1/2" x 11-1/2" Custom Shaped Cherry	79.98	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0213		Cypress *(06 46 36)*		
06 46 36 00-0214	LF	3/4" x 1-1/2" Custom Shaped Cypress	6.54	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0215	LF	3/4" x 2-1/2" Custom Shaped Cypress	8.15	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0216	LF	3/4" x 3-1/2" Custom Shaped Cypress	9.78	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0217	LF	3/4" x 4-1/2" Custom Shaped Cypress	11.39	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0218	LF	3/4" x 5-1/2" Custom Shaped Cypress	13.12	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0219	LF	3/4" x 6-1/2" Custom Shaped Cypress	14.84	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0220	LF	3/4" x 7-1/2" Custom Shaped Cypress	16.87	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0221	LF	3/4" x 8-1/2" Custom Shaped Cypress	18.56	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0222	LF	3/4" x 9-1/2" Custom Shaped Cypress	21.78	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0223	LF	3/4" x 10-1/2" Custom Shaped Cypress	23.75	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0224	LF	1" x 1-1/2" Custom Shaped Cypress	8.90	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0225	LF	1" x 2-1/2" Custom Shaped Cypress	11.58	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0226	LF	1" x 3-1/2" Custom Shaped Cypress	14.33	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0227	LF	1" x 4-1/2" Custom Shaped Cypress	17.06	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0228	LF	1" x 5-1/2" Custom Shaped Cypress	19.91	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0229	LF	1" x 6-1/2" Custom Shaped Cypress	22.72	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0230	LF	1" x 7-1/2" Custom Shaped Cypress	25.44	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0231	LF	1" x 8-1/2" Custom Shaped Cypress	28.20	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0232	LF	1" x 9-1/2" Custom Shaped Cypress	30.89	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0233	LF	1" x 10-1/2" Custom Shaped Cypress	33.83	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0234	LF	1" x 11-1/2" Custom Shaped Cypress	36.50	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0235	LF	1-1/2" x 1-1/2" Custom Shaped Cypress	10.49	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0236	LF	1-1/2" x 2-1/2" Custom Shaped Cypress	13.92	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0237	LF	1-1/2" x 3-1/2" Custom Shaped Cypress	17.36	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0238	LF	1-1/2" x 4-1/2" Custom Shaped Cypress	20.80	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0239	LF	1-1/2" x 5-1/2" Custom Shaped Cypress	24.25	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0240	LF	1-1/2" x 6-1/2" Custom Shaped Cypress	27.90	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0241	LF	1-1/2" x 7-1/2" Custom Shaped Cypress	31.33	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0242	LF	1-1/2" x 8-1/2" Custom Shaped Cypress	34.80	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0243	LF	1-1/2" x 9-1/2" Custom Shaped Cypress	41.39	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0244	LF	1-1/2" x 10-1/2" Custom Shaped Cypress	45.18	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0245		**Fir** *(06 46 36)*		
06 46 36 00-0246	LF	3/4" x 1-1/2" Custom Shaped Fir	7.40	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0247	LF	3/4" x 2-1/2" Custom Shaped Fir	9.44	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0248	LF	3/4" x 3-1/2" Custom Shaped Fir	11.49	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0249	LF	3/4" x 4-1/2" Custom Shaped Fir	13.53	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0250	LF	3/4" x 5-1/2" Custom Shaped Fir	15.69	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0251	LF	3/4" x 6-1/2" Custom Shaped Fir	17.84	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0252	LF	3/4" x 7-1/2" Custom Shaped Fir	19.87	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0253	LF	3/4" x 8-1/2" Custom Shaped Fir	21.93	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0254	LF	3/4" x 9-1/2" Custom Shaped Fir	23.92	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0255	LF	3/4" x 10-1/2" Custom Shaped Fir	26.11	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0256	LF	1" x 1-1/2" Custom Shaped Fir	8.90	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0257	LF	1" x 2-1/2" Custom Shaped Fir	11.58	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0258	LF	1" x 3-1/2" Custom Shaped Fir	14.33	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0259	LF	1" x 4-1/2" Custom Shaped Fir	17.06	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0260	LF	1" x 5-1/2" Custom Shaped Fir	19.91	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0261	LF	1" x 6-1/2" Custom Shaped Fir	22.72	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0262	LF	1" x 7-1/2" Custom Shaped Fir	25.44	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0263	LF	1" x 8-1/2" Custom Shaped Fir	28.20	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0264	LF	1" x 9-1/2" Custom Shaped Fir	30.89	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0265	LF	1" x 10-1/2" Custom Shaped Fir	33.83	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0266	LF	1" x 11-1/2" Custom Shaped Fir	36.50	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0267	LF	1-1/4" x 1-1/2" Custom Shaped Fir	10.01	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0268	LF	1-1/4" x 2-1/2" Custom Shaped Fir	13.29	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0269	LF	1-1/4" x 3-1/2" Custom Shaped Fir	16.52	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0270	LF	1-1/4" x 4-1/2" Custom Shaped Fir	19.79	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0271	LF	1-1/4" x 5-1/2" Custom Shaped Fir	23.12	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0272	LF	1-1/4" x 6-1/2" Custom Shaped Fir	26.52	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0273	LF	1-1/4" x 7-1/2" Custom Shaped Fir	29.73	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0274	LF	1-1/4" x 8-1/2" Custom Shaped Fir	33.02	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0275	LF	1-1/4" x 9-1/2" Custom Shaped Fir	36.19	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0276	LF	1-1/4" x 10-1/2" Custom Shaped Fir	39.61	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0277	LF	1-1/4" x 11-1/2" Custom Shaped Fir	42.87	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0278	LF	1-1/2" x 1-1/2" Custom Shaped Fir	11.56	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0279	LF	1-1/2" x 2-1/2" Custom Shaped Fir	15.53	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0280	LF	1-1/2" x 3-1/2" Custom Shaped Fir	19.50	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0281	LF	1-1/2" x 4-1/2" Custom Shaped Fir	23.48	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0282	LF	1-1/2" x 5-1/2" Custom Shaped Fir	27.47	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0283	LF	1-1/2" x 6-1/2" Custom Shaped Fir	31.66	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0284	LF	1-1/2" x 7-1/2" Custom Shaped Fir	35.62	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0285	LF	1-1/2" x 8-1/2" Custom Shaped Fir	39.63	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0286	LF	1-1/2" x 9-1/2" Custom Shaped Fir	43.54	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0287	LF	1-1/2" x 10-1/2" Custom Shaped Fir	47.65	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0288	LF	1-1/2" x 11-1/2" Custom Shaped Fir	51.66	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0289	LF	2-1/2" x 1-1/2" Custom Shaped Fir	19.46	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0290	LF	2-1/2" x 2-1/2" Custom Shaped Fir	27.29	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0291	LF	2-1/2" x 3-1/2" Custom Shaped Fir	35.11	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0292	LF	2-1/2" x 4-1/2" Custom Shaped Fir	43.03	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0293	LF	2-1/2" x 5-1/2" Custom Shaped Fir	50.85	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0294	LF	2-1/2" x 6-1/2" Custom Shaped Fir	58.87	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0295	LF	2-1/2" x 7-1/2" Custom Shaped Fir	66.71	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0296	LF	2-1/2" x 8-1/2" Custom Shaped Fir	74.73	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0297	LF	2-1/2" x 9-1/2" Custom Shaped Fir	82.44	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0298	LF	2-1/2" x 10-1/2" Custom Shaped Fir	90.27	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0299	LF	3-1/2" x 3-1/2" Custom Shaped Fir	43.90	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0300	LF	3-1/2" x 4-1/2" Custom Shaped Fir	53.86	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0301	LF	3-1/2" x 5-1/2" Custom Shaped Fir	63.82	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0302	LF	3-1/2" x 6-1/2" Custom Shaped Fir	74.00	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0303	LF	3-1/2" x 7-1/2" Custom Shaped Fir	83.97	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
06 46 36 00-0304	LF	3-1/2" x 8-1/2" Custom Shaped Fir	94.02	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0305	LF	3-1/2" x 9-1/2" Custom Shaped Fir	103.99	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0306	LF	3-1/2" x 10-1/2" Custom Shaped Fir	113.97	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	

06 46 36 00-0307 Honduran Mahogany *(06 46 36)*

06 46 36 00-0308	LF	3/4" x 1-1/2" Custom Shaped Honduras Mahogany	9.44	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0309	LF	3/4" x 2-1/2" Custom Shaped Honduras Mahogany	12.50	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0310	LF	3/4" x 3-1/2" Custom Shaped Honduras Mahogany	15.57	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0311	LF	3/4" x 4-1/2" Custom Shaped Honduras Mahogany	18.63	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0312	LF	3/4" x 5-1/2" Custom Shaped Honduras Mahogany	21.81	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0313	LF	3/4" x 6-1/2" Custom Shaped Honduras Mahogany	24.98	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0314	LF	3/4" x 7-1/2" Custom Shaped Honduras Mahogany	28.03	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0315	LF	3/4" x 8-1/2" Custom Shaped Honduras Mahogany	31.10	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0316	LF	3/4" x 9-1/2" Custom Shaped Honduras Mahogany	34.11	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0317	LF	3/4" x 10-1/2" Custom Shaped Honduras Mahogany	37.31	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0318	LF	3/4" x 11-1/2" Custom Shaped Honduras Mahogany	40.42	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
06 46 36 00-0319	LF	1" x 1-1/2" Custom Shaped Honduras Mahogany	11.58	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0320	LF	1" x 2-1/2" Custom Shaped Honduras Mahogany	15.60	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0321	LF	1" x 3-1/2" Custom Shaped Honduras Mahogany	19.69	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0322	LF	1" x 4-1/2" Custom Shaped Honduras Mahogany	23.77	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0323	LF	1" x 5-1/2" Custom Shaped Honduras Mahogany	27.96	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0324	LF	1" x 6-1/2" Custom Shaped Honduras Mahogany	32.10	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0325	LF	1" x 7-1/2" Custom Shaped Honduras Mahogany	36.17	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0326	LF	1" x 8-1/2" Custom Shaped Honduras Mahogany	40.27	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0327	LF	1" x 9-1/2" Custom Shaped Honduras Mahogany	44.30	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0328	LF	1" x 10-1/2" Custom Shaped Honduras Mahogany	48.47	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0329	LF	1" x 11-1/2" Custom Shaped Honduras Mahogany	53.12	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0330	LF	1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany	13.23	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0331	LF	1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany	18.11	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0332	LF	1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany	22.95	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0333	LF	1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany	27.84	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0334	LF	1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany	32.77	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0335	LF	1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany	37.78	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0336	LF	1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany	42.60	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0337	LF	1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany	47.50	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0338	LF	1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany	51.21	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0339	LF	1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany	57.31	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0340	LF	1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany	62.18	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0341	LF	1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	16.50	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0342	LF	1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	22.93	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0343	LF	1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	29.37	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0344	LF	1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	35.82	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0345	LF	1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	42.27	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0346	LF	1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	48.92	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0347	LF	1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	55.35	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0348	LF	1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	61.83	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0349	LF	1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	68.21	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0350	LF	1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	74.79	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0351	LF	1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	81.37	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0352	LF	2" x 1-1/2" Custom Shaped Honduras Mahogany	19.74	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0353	LF	2" x 2-1/2" Custom Shaped Honduras Mahogany	27.78	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0354	LF	2" x 3-1/2" Custom Shaped Honduras Mahogany	35.76	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0355	LF	2" x 4-1/2" Custom Shaped Honduras Mahogany	43.90	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0356	LF	2" x 5-1/2" Custom Shaped Honduras Mahogany	51.88	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0357	LF	2" x 6-1/2" Custom Shaped Honduras Mahogany	60.11	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0358	LF	2" x 7-1/2" Custom Shaped Honduras Mahogany	68.10	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0359	LF	2" x 8-1/2" Custom Shaped Honduras Mahogany	76.23	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0360	LF	2" x 9-1/2" Custom Shaped Honduras Mahogany	84.22	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0361	LF	2" x 10-1/2" Custom Shaped Honduras Mahogany	92.26	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0362	LF	2" x 11-1/2" Custom Shaped Honduras Mahogany	100.45	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
06 46 36 00-0363	LF	2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	24.40	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0364	LF	2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	33.08	1.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0365	LF	2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	42.83	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0366	LF	2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	52.68	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0367	LF	2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	62.44	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0368	LF	2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	72.39	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0369	LF	2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	82.15	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0370	LF	2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	91.99	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0371	LF	2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	101.74	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0372	LF	2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	111.51	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.23*	
06 46 36 00-0373	LF	2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	121.46	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.29*	
06 46 36 00-0374	LF	3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	58.37	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0375	LF	3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	72.09	1.31
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0376	LF	3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	85.70	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0377	LF	3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	99.52	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0378	LF	3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	113.14	1.51
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
06 46 36 00-0379	LF	3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	126.84	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.20*	
06 46 36 00-0380	LF	3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	140.46	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.22*	
06 46 36 00-0381	LF	3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	154.08	1.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.25*	
06 46 36 00-0382	LF	3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	167.89	1.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.32*	

06 46 36 00-0383 Maple *(06 46 36)*

06 46 36 00-0384	LF	3/4" x 1-1/2" Custom Shaped Maple	6.97	1.11
06 46 36 00-0385	LF	3/4" x 2-1/2" Custom Shaped Maple	8.80	1.11
06 46 36 00-0386	LF	3/4" x 3-1/2" Custom Shaped Maple	10.63	1.11
06 46 36 00-0387	LF	3/4" x 4-1/2" Custom Shaped Maple	12.46	1.21
06 46 36 00-0388	LF	3/4" x 5-1/2" Custom Shaped Maple	14.41	1.21
06 46 36 00-0389	LF	3/4" x 6-1/2" Custom Shaped Maple	16.34	1.31
06 46 36 00-0390	LF	3/4" x 7-1/2" Custom Shaped Maple	18.16	1.31
06 46 36 00-0391	LF	3/4" x 8-1/2" Custom Shaped Maple	20.00	1.31
06 46 36 00-0392	LF	3/4" x 9-1/2" Custom Shaped Maple	21.78	1.41
06 46 36 00-0393	LF	3/4" x 10-1/2" Custom Shaped Maple	23.75	1.51
06 46 36 00-0394	LF	3/4" x 11-1/2" Custom Shaped Maple	25.62	1.51
06 46 36 00-0395	LF	1" x 1-1/2" Custom Shaped Maple	8.36	1.11
06 46 36 00-0396	LF	1" x 2-1/2" Custom Shaped Maple	10.77	1.11
06 46 36 00-0397	LF	1" x 3-1/2" Custom Shaped Maple	13.25	1.21
06 46 36 00-0398	LF	1" x 4-1/2" Custom Shaped Maple	15.72	1.21
06 46 36 00-0399	LF	1" x 5-1/2" Custom Shaped Maple	18.30	1.31
06 46 36 00-0400	LF	1" x 6-1/2" Custom Shaped Maple	20.84	1.31
06 46 36 00-0401	LF	1" x 7-1/2" Custom Shaped Maple	23.30	1.31
06 46 36 00-0402	LF	1" x 8-1/2" Custom Shaped Maple	25.79	1.41
06 46 36 00-0403	LF	1" x 9-1/2" Custom Shaped Maple	28.21	1.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0404	LF	1" x 10-1/2" Custom Shaped Maple	29.70	1.51
06 46 36 00-0405	LF	1" x 11-1/2" Custom Shaped Maple	33.28	1.51
06 46 36 00-0406	LF	1-1/4" x 1-1/2" Custom Shaped Maple	9.53	1.11
06 46 36 00-0407	LF	1-1/4" x 2-1/2" Custom Shaped Maple	12.54	1.11
06 46 36 00-0408	LF	1-1/4" x 3-1/2" Custom Shaped Maple	15.55	1.21
06 46 36 00-0409	LF	1-1/4" x 4-1/2" Custom Shaped Maple	18.56	1.21
06 46 36 00-0410	LF	1-1/4" x 5-1/2" Custom Shaped Maple	21.67	1.31
06 46 36 00-0411	LF	1-1/4" x 6-1/2" Custom Shaped Maple	24.80	1.31
06 46 36 00-0412	LF	1-1/4" x 7-1/2" Custom Shaped Maple	27.80	1.41
06 46 36 00-0413	LF	1-1/4" x 8-1/2" Custom Shaped Maple	30.82	1.41
06 46 36 00-0414	LF	1-1/4" x 9-1/2" Custom Shaped Maple	33.78	1.41
06 46 36 00-0415	LF	1-1/4" x 10-1/2" Custom Shaped Maple	36.93	1.51
06 46 36 00-0416	LF	1-1/4" x 11-1/2" Custom Shaped Maple	39.98	1.61
06 46 36 00-0417	LF	1-1/2" x 1-1/2" Custom Shaped Maple	11.99	1.11
06 46 36 00-0418	LF	1-1/2" x 2-1/2" Custom Shaped Maple	16.18	1.21
06 46 36 00-0419	LF	1-1/2" x 3-1/2" Custom Shaped Maple	20.36	1.21
06 46 36 00-0420	LF	1-1/2" x 4-1/2" Custom Shaped Maple	24.56	1.31
06 46 36 00-0421	LF	1-1/2" x 5-1/2" Custom Shaped Maple	28.75	1.31
06 46 36 00-0422	LF	1-1/2" x 6-1/2" Custom Shaped Maple	33.16	1.41
06 46 36 00-0423	LF	1-1/2" x 7-1/2" Custom Shaped Maple	37.33	1.41
06 46 36 00-0424	LF	1-1/2" x 8-1/2" Custom Shaped Maple	42.10	1.51
06 46 36 00-0425	LF	1-1/2" x 9-1/2" Custom Shaped Maple	45.69	1.51
06 46 36 00-0426	LF	1-1/2" x 10-1/2" Custom Shaped Maple	50.12	1.61
06 46 36 00-0427	LF	1-1/2" x 11-1/2" Custom Shaped Maple	54.24	1.61
06 46 36 00-0428	LF	2" x 1-1/2" Custom Shaped Maple	15.99	1.21
06 46 36 00-0429	LF	2" x 2-1/2" Custom Shaped Maple	22.15	1.21
06 46 36 00-0430	LF	2" x 3-1/2" Custom Shaped Maple	28.25	1.21
06 46 36 00-0431	LF	2" x 4-1/2" Custom Shaped Maple	34.51	1.31
06 46 36 00-0432	LF	2" x 5-1/2" Custom Shaped Maple	40.62	1.31
06 46 36 00-0433	LF	2" x 6-1/2" Custom Shaped Maple	46.98	1.41
06 46 36 00-0434	LF	2" x 7-1/2" Custom Shaped Maple	53.08	1.41
06 46 36 00-0435	LF	2" x 8-1/2" Custom Shaped Maple	59.34	1.51
06 46 36 00-0436	LF	2" x 9-1/2" Custom Shaped Maple	65.45	1.51
06 46 36 00-0437	LF	2" x 10-1/2" Custom Shaped Maple	71.62	1.61
06 46 36 00-0438	LF	2" x 11-1/2" Custom Shaped Maple	78.46	1.71
06 46 36 00-0439	LF	3-1/2" x 3-1/2" Custom Shaped Maple	62.66	1.31
06 46 36 00-0440	LF	3-1/2" x 4-1/2" Custom Shaped Maple	77.45	1.31
06 46 36 00-0441	LF	3-1/2" x 5-1/2" Custom Shaped Maple	92.14	1.41
06 46 36 00-0442	LF	3-1/2" x 6-1/2" Custom Shaped Maple	107.03	1.51
06 46 36 00-0443	LF	3-1/2" x 7-1/2" Custom Shaped Maple	121.72	1.51
06 46 36 00-0444	LF	3-1/2" x 8-1/2" Custom Shaped Maple	136.49	1.61
06 46 36 00-0445	LF	3-1/2" x 9-1/2" Custom Shaped Maple	151.18	1.61
06 46 36 00-0446	LF	3-1/2" x 10-1/2" Custom Shaped Maple	165.88	1.61
06 46 36 00-0447	LF	3-1/2" x 11-1/2" Custom Shaped Maple	180.76	1.71

06 46 36 00-0448 Appl Soft Maple *(06 46 36)*

06 46 36 00-0449	LF	3/4" x 1-1/2" Custom Shaped Appl Soft Maple	7.08	1.11
06 46 36 00-0450	LF	3/4" x 2-1/2" Custom Shaped Appl Soft Maple	8.96	1.11
06 46 36 00-0451	LF	3/4" x 3-1/2" Custom Shaped Appl Soft Maple	10.85	1.11
06 46 36 00-0452	LF	3/4" x 4-1/2" Custom Shaped Appl Soft Maple	12.73	1.21
06 46 36 00-0453	LF	3/4" x 5-1/2" Custom Shaped Appl Soft Maple	14.73	1.21
06 46 36 00-0454	LF	3/4" x 6-1/2" Custom Shaped Appl Soft Maple	16.72	1.31
06 46 36 00-0455	LF	3/4" x 7-1/2" Custom Shaped Appl Soft Maple	18.59	1.31
06 46 36 00-0456	LF	3/4" x 8-1/2" Custom Shaped Appl Soft Maple	20.49	1.31
06 46 36 00-0457	LF	3/4" x 9-1/2" Custom Shaped Appl Soft Maple	22.32	1.41
06 46 36 00-0458	LF	3/4" x 10-1/2" Custom Shaped Appl Soft Maple	24.34	1.51
06 46 36 00-0459	LF	3/4" x 11-1/2" Custom Shaped Appl Soft Maple	26.27	1.51
06 46 36 00-0460	LF	1" x 1-1/2" Custom Shaped Appl Soft Maple	8.09	1.11
06 46 36 00-0461	LF	1" x 2-1/2" Custom Shaped Appl Soft Maple	10.40	1.11
06 46 36 00-0462	LF	1" x 3-1/2" Custom Shaped Appl Soft Maple	12.72	1.21
06 46 36 00-0463	LF	1" x 4-1/2" Custom Shaped Appl Soft Maple	14.97	1.21
06 46 36 00-0464	LF	1" x 5-1/2" Custom Shaped Appl Soft Maple	17.50	1.31
06 46 36 00-0465	LF	1" x 6-1/2" Custom Shaped Appl Soft Maple	19.93	1.31
06 46 36 00-0466	LF	1" x 7-1/2" Custom Shaped Appl Soft Maple	22.23	1.31
06 46 36 00-0467	LF	1" x 8-1/2" Custom Shaped Appl Soft Maple	24.55	1.41
06 46 36 00-0468	LF	1" x 9-1/2" Custom Shaped Appl Soft Maple	26.87	1.41
06 46 36 00-0469	LF	1" x 10-1/2" Custom Shaped Appl Soft Maple	29.33	1.51
06 46 36 00-0470	LF	1" x 11-1/2" Custom Shaped Appl Soft Maple	31.67	1.51
06 46 36 00-0471	LF	1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple	9.05	1.11
06 46 36 00-0472	LF	1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple	11.84	1.11
06 46 36 00-0473	LF	1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple	14.59	1.21
06 46 36 00-0474	LF	1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple	17.38	1.21
06 46 36 00-0475	LF	1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple	20.23	1.31
06 46 36 00-0476	LF	1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple	23.14	1.31
06 46 36 00-0477	LF	1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple	25.87	1.41
06 46 36 00-0478	LF	1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple	28.68	1.41
06 46 36 00-0479	LF	1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple	31.36	1.41
06 46 36 00-0480	LF	1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple	34.31	1.51
06 46 36 00-0481	LF	1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple	37.08	1.61
06 46 36 00-0482	LF	1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple	10.92	1.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0483	LF	1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple	14.57	1.21
06 46 36 00-0484	LF	1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple	18.22	1.21
06 46 36 00-0485	LF	1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple	21.88	1.31
06 46 36 00-0486	LF	1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple	25.54	1.31
06 46 36 00-0487	LF	1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple	29.40	1.41
06 46 36 00-0488	LF	1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple	33.04	1.41
06 46 36 00-0489	LF	1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple	36.73	1.51
06 46 36 00-0490	LF	1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple	40.32	1.51
06 46 36 00-0491	LF	1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple	44.11	1.61
06 46 36 00-0492	LF	1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple	47.80	1.61
06 46 36 00-0493		Red Oak *(06 46 36)*		
06 46 36 00-0494	LF	3/4" x 1-1/2" Custom Shaped Red Oak	7.62	1.11
06 46 36 00-0495	LF	3/4" x 2-1/2" Custom Shaped Red Oak	9.76	1.11
06 46 36 00-0496	LF	3/4" x 3-1/2" Custom Shaped Red Oak	11.92	1.11
06 46 36 00-0497	LF	3/4" x 4-1/2" Custom Shaped Red Oak	14.07	1.21
06 46 36 00-0498	LF	3/4" x 5-1/2" Custom Shaped Red Oak	16.34	1.21
06 46 36 00-0499	LF	3/4" x 6-1/2" Custom Shaped Red Oak	18.59	1.31
06 46 36 00-0500	LF	3/4" x 7-1/2" Custom Shaped Red Oak	20.73	1.31
06 46 36 00-0501	LF	3/4" x 8-1/2" Custom Shaped Red Oak	22.90	1.31
06 46 36 00-0502	LF	3/4" x 9-1/2" Custom Shaped Red Oak	25.00	1.41
06 46 36 00-0503	LF	3/4" x 10-1/2" Custom Shaped Red Oak	27.29	1.51
06 46 36 00-0504	LF	3/4" x 11-1/2" Custom Shaped Red Oak	29.48	1.51
06 46 36 00-0505	LF	1" x 1-1/2" Custom Shaped Red Oak	9.27	1.11
06 46 36 00-0506	LF	1" x 2-1/2" Custom Shaped Red Oak	12.22	1.11
06 46 36 00-0507	LF	1" x 3-1/2" Custom Shaped Red Oak	15.13	1.21
06 46 36 00-0508	LF	1" x 4-1/2" Custom Shaped Red Oak	19.16	1.21
06 46 36 00-0509	LF	1" x 5-1/2" Custom Shaped Red Oak	21.09	1.31
06 46 36 00-0510	LF	1" x 6-1/2" Custom Shaped Red Oak	24.16	1.31
06 46 36 00-0511	LF	1" x 7-1/2" Custom Shaped Red Oak	27.05	1.31
06 46 36 00-0512	LF	1" x 8-1/2" Custom Shaped Red Oak	29.97	1.41
06 46 36 00-0513	LF	1" x 9-1/2" Custom Shaped Red Oak	32.87	1.41
06 46 36 00-0514	LF	1" x 10-1/2" Custom Shaped Red Oak	35.98	1.51
06 46 36 00-0515	LF	1" x 11-1/2" Custom Shaped Red Oak	38.91	1.51
06 46 36 00-0516	LF	1-1/4" x 1-1/2" Custom Shaped Red Oak	11.62	1.11
06 46 36 00-0517	LF	1-1/4" x 2-1/2" Custom Shaped Red Oak	15.70	1.11
06 46 36 00-0518	LF	1-1/4" x 3-1/2" Custom Shaped Red Oak	19.74	1.21
06 46 36 00-0519	LF	1-1/4" x 4-1/2" Custom Shaped Red Oak	23.81	1.21
06 46 36 00-0520	LF	1-1/4" x 5-1/2" Custom Shaped Red Oak	27.95	1.31
06 46 36 00-0521	LF	1-1/4" x 6-1/2" Custom Shaped Red Oak	32.15	1.31
06 46 36 00-0522	LF	1-1/4" x 7-1/2" Custom Shaped Red Oak	36.16	1.41
06 46 36 00-0523	LF	1-1/4" x 8-1/2" Custom Shaped Red Oak	40.26	1.41
06 46 36 00-0524	LF	1-1/4" x 9-1/2" Custom Shaped Red Oak	44.23	1.41
06 46 36 00-0525	LF	1-1/4" x 10-1/2" Custom Shaped Red Oak	48.46	1.51
06 46 36 00-0526	LF	1-1/4" x 11-1/2" Custom Shaped Red Oak	52.53	1.61
06 46 36 00-0527	LF	1-1/2" x 1-1/2" Custom Shaped Red Oak	16.50	1.11
06 46 36 00-0528	LF	1-1/2" x 2-1/2" Custom Shaped Red Oak	22.93	1.21
06 46 36 00-0529	LF	1-1/2" x 3-1/2" Custom Shaped Red Oak	29.37	1.21
06 46 36 00-0530	LF	1-1/2" x 4-1/2" Custom Shaped Red Oak	35.82	1.21
06 46 36 00-0531	LF	1-1/2" x 5-1/2" Custom Shaped Red Oak	42.27	1.31
06 46 36 00-0532	LF	1-1/2" x 6-1/2" Custom Shaped Red Oak	49.03	1.41
06 46 36 00-0533	LF	1-1/2" x 7-1/2" Custom Shaped Red Oak	55.35	1.41
06 46 36 00-0534	LF	1-1/2" x 8-1/2" Custom Shaped Red Oak	62.90	1.51
06 46 36 00-0535	LF	1-1/2" x 9-1/2" Custom Shaped Red Oak	68.21	1.51
06 46 36 00-0536	LF	1-1/2" x 10-1/2" Custom Shaped Red Oak	74.79	1.51
06 46 36 00-0537	LF	1-1/2" x 11-1/2" Custom Shaped Red Oak	81.26	1.61
06 46 36 00-0538	LF	2" x 1-1/2" Custom Shaped Red Oak	25.64	1.21
06 46 36 00-0539	LF	2" x 2-1/2" Custom Shaped Red Oak	36.62	1.21
06 46 36 00-0540	LF	2" x 3-1/2" Custom Shaped Red Oak	47.56	1.21
06 46 36 00-0541	LF	2" x 4-1/2" Custom Shaped Red Oak	58.64	1.31
06 46 36 00-0542	LF	2" x 5-1/2" Custom Shaped Red Oak	69.57	1.31
06 46 36 00-0543	LF	2" x 6-1/2" Custom Shaped Red Oak	80.76	1.41
06 46 36 00-0544	LF	2" x 7-1/2" Custom Shaped Red Oak	91.69	1.41
06 46 36 00-0545	LF	2" x 8-1/2" Custom Shaped Red Oak	102.78	1.51
06 46 36 00-0546	LF	2" x 9-1/2" Custom Shaped Red Oak	113.71	1.51
06 46 36 00-0547	LF	2" x 10-1/2" Custom Shaped Red Oak	124.71	1.61
06 46 36 00-0548	LF	2" x 11-1/2" Custom Shaped Red Oak	135.84	1.71
06 46 36 00-0549		White Oak *(06 46 36)*		
06 46 36 00-0550	LF	3/4" x 1-1/2" Custom Shaped White Oak	7.72	1.11
06 46 36 00-0551	LF	3/4" x 2-1/2" Custom Shaped White Oak	9.92	1.11
06 46 36 00-0552	LF	3/4" x 3-1/2" Custom Shaped White Oak	12.14	1.11
06 46 36 00-0553	LF	3/4" x 4-1/2" Custom Shaped White Oak	14.34	1.21
06 46 36 00-0554	LF	3/4" x 5-1/2" Custom Shaped White Oak	16.66	1.21
06 46 36 00-0555	LF	3/4" x 6-1/2" Custom Shaped White Oak	18.97	1.31
06 46 36 00-0556	LF	3/4" x 7-1/2" Custom Shaped White Oak	21.16	1.31
06 46 36 00-0557	LF	3/4" x 8-1/2" Custom Shaped White Oak	23.38	1.31
06 46 36 00-0558	LF	3/4" x 9-1/2" Custom Shaped White Oak	25.53	1.41
06 46 36 00-0559	LF	3/4" x 10-1/2" Custom Shaped White Oak	27.88	1.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0560	LF	3/4" x 11-1/2" Custom Shaped White Oak	30.13	1.51
06 46 36 00-0561	LF	1" x 1-1/2" Custom Shaped White Oak	9.27	1.11
06 46 36 00-0562	LF	1" x 2-1/2" Custom Shaped White Oak	12.22	1.11
06 46 36 00-0563	LF	1" x 3-1/2" Custom Shaped White Oak	15.13	1.21
06 46 36 00-0564	LF	1" x 4-1/2" Custom Shaped White Oak	19.16	1.21
06 46 36 00-0565	LF	1" x 5-1/2" Custom Shaped White Oak	21.09	1.31
06 46 36 00-0566	LF	1" x 6-1/2" Custom Shaped White Oak	24.16	1.31
06 46 36 00-0567	LF	1" x 7-1/2" Custom Shaped White Oak	27.05	1.31
06 46 36 00-0568	LF	1" x 8-1/2" Custom Shaped White Oak	29.97	1.41
06 46 36 00-0569	LF	1" x 9-1/2" Custom Shaped White Oak	32.87	1.41
06 46 36 00-0570	LF	1" x 10-1/2" Custom Shaped White Oak	35.98	1.51
06 46 36 00-0571	LF	1" x 11-1/2" Custom Shaped White Oak	38.91	1.51
06 46 36 00-0572	LF	1-1/4" x 1-1/2" Custom Shaped White Oak	11.78	1.11
06 46 36 00-0573	LF	1-1/4" x 2-1/2" Custom Shaped White Oak	15.92	1.11
06 46 36 00-0574	LF	1-1/4" x 3-1/2" Custom Shaped White Oak	20.06	1.21
06 46 36 00-0575	LF	1-1/4" x 4-1/2" Custom Shaped White Oak	24.19	1.21
06 46 36 00-0576	LF	1-1/4" x 5-1/2" Custom Shaped White Oak	28.43	1.31
06 46 36 00-0577	LF	1-1/4" x 6-1/2" Custom Shaped White Oak	32.68	1.31
06 46 36 00-0578	LF	1-1/4" x 7-1/2" Custom Shaped White Oak	36.81	1.41
06 46 36 00-0579	LF	1-1/4" x 8-1/2" Custom Shaped White Oak	40.96	1.41
06 46 36 00-0580	LF	1-1/4" x 9-1/2" Custom Shaped White Oak	45.04	1.41
06 46 36 00-0581	LF	1-1/4" x 10-1/2" Custom Shaped White Oak	49.32	1.51
06 46 36 00-0582	LF	1-1/4" x 11-1/2" Custom Shaped White Oak	53.49	1.61
06 46 36 00-0583	LF	1-1/2" x 1-1/2" Custom Shaped White Oak	19.71	1.11
06 46 36 00-0584	LF	1-1/2" x 2-1/2" Custom Shaped White Oak	27.76	1.21
06 46 36 00-0585	LF	1-1/2" x 3-1/2" Custom Shaped White Oak	35.81	1.21
06 46 36 00-0586	LF	1-1/2" x 4-1/2" Custom Shaped White Oak	43.86	1.31
06 46 36 00-0587	LF	1-1/2" x 5-1/2" Custom Shaped White Oak	51.92	1.31
06 46 36 00-0588	LF	1-1/2" x 6-1/2" Custom Shaped White Oak	60.19	1.41
06 46 36 00-0589	LF	1-1/2" x 7-1/2" Custom Shaped White Oak	68.22	1.41
06 46 36 00-0590	LF	1-1/2" x 8-1/2" Custom Shaped White Oak	76.31	1.51
06 46 36 00-0591	LF	1-1/2" x 9-1/2" Custom Shaped White Oak	83.22	1.51
06 46 36 00-0592	LF	1-1/2" x 10-1/2" Custom Shaped White Oak	92.48	1.61
06 46 36 00-0593	LF	1-1/2" x 11-1/2" Custom Shaped White Oak	100.57	1.61
06 46 36 00-0594		White Pine *(06 46 36)*		
06 46 36 00-0595	LF	3/4" x 1-1/2" Custom Shaped White Pine	8.69	1.11
06 46 36 00-0596	LF	3/4" x 2-1/2" Custom Shaped White Pine	11.37	1.11
06 46 36 00-0597	LF	3/4" x 3-1/2" Custom Shaped White Pine	14.07	1.11
06 46 36 00-0598	LF	3/4" x 4-1/2" Custom Shaped White Pine	16.75	1.21
06 46 36 00-0599	LF	3/4" x 5-1/2" Custom Shaped White Pine	19.55	1.21
06 46 36 00-0600	LF	3/4" x 6-1/2" Custom Shaped White Pine	22.35	1.31
06 46 36 00-0601	LF	3/4" x 7-1/2" Custom Shaped White Pine	25.02	1.31
06 46 36 00-0602	LF	3/4" x 8-1/2" Custom Shaped White Pine	27.73	1.31
06 46 36 00-0603	LF	3/4" x 9-1/2" Custom Shaped White Pine	31.97	1.41
06 46 36 00-0604	LF	3/4" x 10-1/2" Custom Shaped White Pine	34.95	1.51
06 46 36 00-0605	LF	1" x 1-1/2" Custom Shaped White Pine	9.81	1.11
06 46 36 00-0606	LF	1" x 2-1/2" Custom Shaped White Pine	13.03	1.11
06 46 36 00-0607	LF	1" x 3-1/2" Custom Shaped White Pine	16.20	1.21
06 46 36 00-0608	LF	1" x 4-1/2" Custom Shaped White Pine	19.42	1.21
06 46 36 00-0609	LF	1" x 5-1/2" Custom Shaped White Pine	22.70	1.31
06 46 36 00-0610	LF	1" x 6-1/2" Custom Shaped White Pine	26.04	1.31
06 46 36 00-0611	LF	1" x 7-1/2" Custom Shaped White Pine	29.20	1.31
06 46 36 00-0612	LF	1" x 8-1/2" Custom Shaped White Pine	32.44	1.41
06 46 36 00-0613	LF	1" x 9-1/2" Custom Shaped White Pine	35.55	1.41
06 46 36 00-0614	LF	1" x 10-1/2" Custom Shaped White Pine	38.92	1.51
06 46 36 00-0615	LF	1" x 11-1/2" Custom Shaped White Pine	42.13	1.51
06 46 36 00-0616	LF	1-1/4" x 1-1/2" Custom Shaped White Pine	11.14	1.11
06 46 36 00-0617	LF	1-1/4" x 2-1/2" Custom Shaped White Pine	14.95	1.11
06 46 36 00-0618	LF	1-1/4" x 3-1/2" Custom Shaped White Pine	18.88	1.21
06 46 36 00-0619	LF	1-1/4" x 4-1/2" Custom Shaped White Pine	22.58	1.21
06 46 36 00-0620	LF	1-1/4" x 5-1/2" Custom Shaped White Pine	26.50	1.31
06 46 36 00-0621	LF	1-1/4" x 6-1/2" Custom Shaped White Pine	30.43	1.31
06 46 36 00-0622	LF	1-1/4" x 7-1/2" Custom Shaped White Pine	34.23	1.41
06 46 36 00-0623	LF	1-1/4" x 8-1/2" Custom Shaped White Pine	38.06	1.41
06 46 36 00-0624	LF	1-1/4" x 9-1/2" Custom Shaped White Pine	41.82	1.41
06 46 36 00-0625	LF	1-1/4" x 10-1/2" Custom Shaped White Pine	45.78	1.51
06 46 36 00-0626	LF	1-1/4" x 11-1/2" Custom Shaped White Pine	49.63	1.61
06 46 36 00-0627	LF	1-1/2" x 1-1/2" Custom Shaped White Pine	14.14	1.11
06 46 36 00-0628	LF	1-1/2" x 2-1/2" Custom Shaped White Pine	19.39	1.21
06 46 36 00-0629	LF	1-1/2" x 3-1/2" Custom Shaped White Pine	24.65	1.21
06 46 36 00-0630	LF	1-1/2" x 4-1/2" Custom Shaped White Pine	29.92	1.31
06 46 36 00-0631	LF	1-1/2" x 5-1/2" Custom Shaped White Pine	35.19	1.31
06 46 36 00-0632	LF	1-1/2" x 6-1/2" Custom Shaped White Pine	40.67	1.41
06 46 36 00-0633	LF	1-1/2" x 7-1/2" Custom Shaped White Pine	45.91	1.41
06 46 36 00-0634	LF	1-1/2" x 8-1/2" Custom Shaped White Pine	51.21	1.51
06 46 36 00-0635	LF	1-1/2" x 9-1/2" Custom Shaped White Pine	57.48	1.51
06 46 36 00-0636	LF	1-1/2" x 10-1/2" Custom Shaped White Pine	61.81	1.61
06 46 36 00-0637	LF	1-1/2" x 11-1/2" Custom Shaped White Pine	67.11	1.61
06 46 36 00-0638	LF	2" x 1-1/2" Custom Shaped White Pine	22.15	1.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0639	LF	2" x 2-1/2" Custom Shaped White Pine	31.37	1.21
06 46 36 00-0640	LF	2" x 3-1/2" Custom Shaped White Pine	40.58	1.21
06 46 36 00-0641	LF	2" x 4-1/2" Custom Shaped White Pine	49.90	1.31
06 46 36 00-0642	LF	2" x 5-1/2" Custom Shaped White Pine	59.12	1.31
06 46 36 00-0643	LF	2" x 6-1/2" Custom Shaped White Pine	68.53	1.41
06 46 36 00-0644	LF	2" x 7-1/2" Custom Shaped White Pine	77.75	1.41
06 46 36 00-0645	LF	2" x 8-1/2" Custom Shaped White Pine	87.07	1.51
06 46 36 00-0646	LF	2" x 9-1/2" Custom Shaped White Pine	96.28	1.51
06 46 36 00-0647	LF	2" x 10-1/2" Custom Shaped White Pine	105.51	1.61
06 46 36 00-0648	LF	2" x 11-1/2" Custom Shaped White Pine	114.93	1.71
06 46 36 00-0649	LF	2-1/2" x 1-1/2" Custom Shaped White Pine	26.54	1.21
06 46 36 00-0650	LF	2-1/2" x 2-1/2" Custom Shaped White Pine	37.90	1.21
06 46 36 00-0651	LF	2-1/2" x 3-1/2" Custom Shaped White Pine	49.26	1.31
06 46 36 00-0652	LF	2-1/2" x 4-1/2" Custom Shaped White Pine	60.73	1.31
06 46 36 00-0653	LF	2-1/2" x 5-1/2" Custom Shaped White Pine	72.09	1.31
06 46 36 00-0654	LF	2-1/2" x 6-1/2" Custom Shaped White Pine	83.65	1.41
06 46 36 00-0655	LF	2-1/2" x 7-1/2" Custom Shaped White Pine	95.02	1.51
06 46 36 00-0656	LF	2-1/2" x 8-1/2" Custom Shaped White Pine	106.47	1.51
06 46 36 00-0657	LF	2-1/2" x 9-1/2" Custom Shaped White Pine	117.83	1.61
06 46 36 00-0658	LF	2-1/2" x 10-1/2" Custom Shaped White Pine	129.20	1.61
06 46 36 00-0659	LF	2-1/2" x 11-1/2" Custom Shaped White Pine	140.77	1.71
06 46 36 00-0660	LF	3-1/2" x 3-1/2" Custom Shaped White Pine	68.67	1.31
06 46 36 00-0661	LF	3-1/2" x 4-1/2" Custom Shaped White Pine	84.96	1.31
06 46 36 00-0662	LF	3-1/2" x 5-1/2" Custom Shaped White Pine	101.14	1.41
06 46 36 00-0663	LF	3-1/2" x 6-1/2" Custom Shaped White Pine	117.54	1.51
06 46 36 00-0664	LF	3-1/2" x 7-1/2" Custom Shaped White Pine	133.73	1.51
06 46 36 00-0665	LF	3-1/2" x 8-1/2" Custom Shaped White Pine	150.01	1.61
06 46 36 00-0666	LF	3-1/2" x 9-1/2" Custom Shaped White Pine	166.20	1.61
06 46 36 00-0667	LF	3-1/2" x 10-1/2" Custom Shaped White Pine	182.39	1.61
06 46 36 00-0668	LF	3-1/2" x 11-1/2" Custom Shaped White Pine	198.78	1.71
06 46 36 00-0669		**Clear Yellow Pine** *(06 46 36)*		
06 46 36 00-0670	LF	3/4" x 1-1/2" Custom Shaped "C" Y Pine	5.68	1.11
06 46 36 00-0671	LF	3/4" x 2-1/2" Custom Shaped "C" Y Pine	6.87	1.11
06 46 36 00-0672	LF	3/4" x 3-1/2" Custom Shaped "C" Y Pine	8.06	1.11
06 46 36 00-0673	LF	3/4" x 4-1/2" Custom Shaped "C" Y Pine	9.24	1.21
06 46 36 00-0674	LF	3/4" x 5-1/2" Custom Shaped "C" Y Pine	10.55	1.21
06 46 36 00-0675	LF	3/4" x 6-1/2" Custom Shaped "C" Y Pine	11.84	1.31
06 46 36 00-0676	LF	3/4" x 7-1/2" Custom Shaped "C" Y Pine	13.01	1.31
06 46 36 00-0677	LF	3/4" x 8-1/2" Custom Shaped "C" Y Pine	14.21	1.31
06 46 36 00-0678	LF	1" x 1-1/2" Custom Shaped "C" Y Pine	6.59	1.11
06 46 36 00-0679	LF	1" x 2-1/2" Custom Shaped "C" Y Pine	8.20	1.11
06 46 36 00-0680	LF	1" x 3-1/2" Custom Shaped "C" Y Pine	9.77	1.21
06 46 36 00-0681	LF	1" x 4-1/2" Custom Shaped "C" Y Pine	11.38	1.21
06 46 36 00-0682	LF	1" x 5-1/2" Custom Shaped "C" Y Pine	13.05	1.31
06 46 36 00-0683	LF	1" x 6-1/2" Custom Shaped "C" Y Pine	14.78	1.31
06 46 36 00-0684	LF	1" x 7-1/2" Custom Shaped "C" Y Pine	16.86	1.31
06 46 36 00-0685	LF	1" x 8-1/2" Custom Shaped "C" Y Pine	18.55	1.41
06 46 36 00-0686	LF	1-1/2" x 1-1/2" Custom Shaped "C" Y Pine	7.70	1.11
06 46 36 00-0687	LF	1-1/2" x 2-1/2" Custom Shaped "C" Y Pine	9.74	1.21
06 46 36 00-0688	LF	1-1/2" x 3-1/2" Custom Shaped "C" Y Pine	11.78	1.21
06 46 36 00-0689	LF	1-1/2" x 4-1/2" Custom Shaped "C" Y Pine	13.83	1.31
06 46 36 00-0690	LF	1-1/2" x 5-1/2" Custom Shaped "C" Y Pine	15.88	1.31
06 46 36 00-0691	LF	1-1/2" x 6-1/2" Custom Shaped "C" Y Pine	18.14	1.41
06 46 36 00-0692	LF	1-1/2" x 7-1/2" Custom Shaped "C" Y Pine	20.17	1.41
06 46 36 00-0693	LF	1-1/2" x 8-1/2" Custom Shaped "C" Y Pine	22.25	1.51
06 46 36 00-0694	LF	1-1/2" x 9-1/2" Custom Shaped "C" Y Pine	25.84	1.51
06 46 36 00-0695	LF	1-1/2" x 10-1/2" Custom Shaped "C" Y Pine	26.63	1.61
06 46 36 00-0696		**Poplar** *(06 46 36)*		
06 46 36 00-0697	LF	3/4" x 1-1/2" Custom Shaped Poplar	6.01	1.11
06 46 36 00-0698	LF	3/4" x 2-1/2" Custom Shaped Poplar	7.35	1.11
06 46 36 00-0699	LF	3/4" x 3-1/2" Custom Shaped Poplar	8.70	1.11
06 46 36 00-0700	LF	3/4" x 4-1/2" Custom Shaped Poplar	10.05	1.21
06 46 36 00-0701	LF	3/4" x 5-1/2" Custom Shaped Poplar	11.51	1.21
06 46 36 00-0702	LF	3/4" x 6-1/2" Custom Shaped Poplar	12.96	1.31
06 46 36 00-0703	LF	3/4" x 7-1/2" Custom Shaped Poplar	14.30	1.31
06 46 36 00-0704	LF	3/4" x 8-1/2" Custom Shaped Poplar	15.66	1.31
06 46 36 00-0705	LF	3/4" x 9-1/2" Custom Shaped Poplar	16.95	1.41
06 46 36 00-0706	LF	3/4" x 10-1/2" Custom Shaped Poplar	18.44	1.51
06 46 36 00-0707	LF	3/4" x 11-1/2" Custom Shaped Poplar	19.94	1.51
06 46 36 00-0708	LF	1" x 1-1/2" Custom Shaped Poplar	7.02	1.11
06 46 36 00-0709	LF	1" x 2-1/2" Custom Shaped Poplar	8.79	1.11
06 46 36 00-0710	LF	1" x 3-1/2" Custom Shaped Poplar	10.57	1.21
06 46 36 00-0711	LF	1" x 4-1/2" Custom Shaped Poplar	12.35	1.21
06 46 36 00-0712	LF	1" x 5-1/2" Custom Shaped Poplar	14.28	1.31
06 46 36 00-0713	LF	1" x 6-1/2" Custom Shaped Poplar	16.17	1.31
06 46 36 00-0714	LF	1" x 7-1/2" Custom Shaped Poplar	17.94	1.31
06 46 36 00-0715	LF	1" x 8-1/2" Custom Shaped Poplar	19.73	1.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0716	LF	1" x 9-1/2" Custom Shaped Poplar	21.50	1.41
06 46 36 00-0717	LF	1" x 10-1/2" Custom Shaped Poplar	23.43	1.51
06 46 36 00-0718	LF	1" x 11-1/2" Custom Shaped Poplar	25.24	1.51
06 46 36 00-0719	LF	1-1/4" x 1-1/2" Custom Shaped Poplar	7.92	1.11
06 46 36 00-0720	LF	1-1/4" x 2-1/2" Custom Shaped Poplar	10.12	1.11
06 46 36 00-0721	LF	1-1/4" x 3-1/2" Custom Shaped Poplar	12.34	1.21
06 46 36 00-0722	LF	1-1/4" x 4-1/2" Custom Shaped Poplar	14.54	1.21
06 46 36 00-0723	LF	1-1/4" x 5-1/2" Custom Shaped Poplar	16.85	1.31
06 46 36 00-0724	LF	1-1/4" x 6-1/2" Custom Shaped Poplar	19.17	1.31
06 46 36 00-0725	LF	1-1/4" x 7-1/2" Custom Shaped Poplar	21.36	1.41
06 46 36 00-0726	LF	1-1/4" x 8-1/2" Custom Shaped Poplar	23.58	1.41
06 46 36 00-0727	LF	1-1/4" x 9-1/2" Custom Shaped Poplar	25.73	1.41
06 46 36 00-0728	LF	1-1/4" x 10-1/2" Custom Shaped Poplar	28.09	1.51
06 46 36 00-0729	LF	1-1/4" x 11-1/2" Custom Shaped Poplar	30.33	1.61
06 46 36 00-0730	LF	1-1/2" x 1-1/2" Custom Shaped Poplar	10.06	1.11
06 46 36 00-0731	LF	1-1/2" x 2-1/2" Custom Shaped Poplar	13.28	1.21
06 46 36 00-0732	LF	1-1/2" x 3-1/2" Custom Shaped Poplar	16.50	1.21
06 46 36 00-0733	LF	1-1/2" x 4-1/2" Custom Shaped Poplar	19.73	1.31
06 46 36 00-0734	LF	1-1/2" x 5-1/2" Custom Shaped Poplar	22.96	1.31
06 46 36 00-0735	LF	1-1/2" x 6-1/2" Custom Shaped Poplar	26.40	1.41
06 46 36 00-0736	LF	1-1/2" x 7-1/2" Custom Shaped Poplar	29.61	1.41
06 46 36 00-0737	LF	1-1/2" x 8-1/2" Custom Shaped Poplar	32.87	1.51
06 46 36 00-0738	LF	1-1/2" x 9-1/2" Custom Shaped Poplar	36.03	1.51
06 46 36 00-0739	LF	1-1/2" x 10-1/2" Custom Shaped Poplar	39.39	1.61
06 46 36 00-0740	LF	1-1/2" x 11-1/2" Custom Shaped Poplar	42.65	1.61
06 46 36 00-0741	LF	2" x 1-1/2" Custom Shaped Poplar	13.30	1.21
06 46 36 00-0742	LF	2" x 2-1/2" Custom Shaped Poplar	18.12	1.21
06 46 36 00-0743	LF	2" x 3-1/2" Custom Shaped Poplar	22.89	1.21
06 46 36 00-0744	LF	2" x 4-1/2" Custom Shaped Poplar	27.81	1.31
06 46 36 00-0745	LF	2" x 5-1/2" Custom Shaped Poplar	32.57	1.31
06 46 36 00-0746	LF	2" x 6-1/2" Custom Shaped Poplar	37.59	1.41
06 46 36 00-0747	LF	2" x 7-1/2" Custom Shaped Poplar	42.36	1.41
06 46 36 00-0748	LF	2" x 8-1/2" Custom Shaped Poplar	47.28	1.51
06 46 36 00-0749	LF	2" x 9-1/2" Custom Shaped Poplar	52.04	1.51
06 46 36 00-0750	LF	2" x 10-1/2" Custom Shaped Poplar	56.87	1.61
06 46 36 00-0751	LF	2" x 11-1/2" Custom Shaped Poplar	61.84	1.71
06 46 36 00-0752	LF	2-1/2" x 1-1/2" Custom Shaped Poplar	16.57	1.21
06 46 36 00-0753	LF	2-1/2" x 2-1/2" Custom Shaped Poplar	22.94	1.21
06 46 36 00-0754	LF	2-1/2" x 3-1/2" Custom Shaped Poplar	29.32	1.31
06 46 36 00-0755	LF	2-1/2" x 4-1/2" Custom Shaped Poplar	35.79	1.31
06 46 36 00-0756	LF	2-1/2" x 5-1/2" Custom Shaped Poplar	42.16	1.31
06 46 36 00-0757	LF	2-1/2" x 6-1/2" Custom Shaped Poplar	48.74	1.41
06 46 36 00-0758	LF	2-1/2" x 7-1/2" Custom Shaped Poplar	55.12	1.51
06 46 36 00-0759	LF	2-1/2" x 8-1/2" Custom Shaped Poplar	61.59	1.51
06 46 36 00-0760	LF	2-1/2" x 9-1/2" Custom Shaped Poplar	67.96	1.61
06 46 36 00-0761	LF	2-1/2" x 10-1/2" Custom Shaped Poplar	74.35	1.61
06 46 36 00-0762	LF	2-1/2" x 11-1/2" Custom Shaped Poplar	80.92	1.71
06 46 36 00-0763	LF	3-1/2" x 3-1/2" Custom Shaped Poplar	40.36	1.31
06 46 36 00-0764	LF	3-1/2" x 4-1/2" Custom Shaped Poplar	49.56	1.31
06 46 36 00-0765	LF	3-1/2" x 5-1/2" Custom Shaped Poplar	58.67	1.41
06 46 36 00-0766	LF	3-1/2" x 6-1/2" Custom Shaped Poplar	68.10	1.51
06 46 36 00-0767	LF	3-1/2" x 7-1/2" Custom Shaped Poplar	77.10	1.51
06 46 36 00-0768	LF	3-1/2" x 8-1/2" Custom Shaped Poplar	86.30	1.61
06 46 36 00-0769	LF	3-1/2" x 9-1/2" Custom Shaped Poplar	95.41	1.61
06 46 36 00-0770	LF	3-1/2" x 10-1/2" Custom Shaped Poplar	104.53	1.61
06 46 36 00-0771	LF	3-1/2" x 11-1/2" Custom Shaped Poplar	113.84	1.71

06 46 36 00-0772 Clear Heart Redwood *(06 46 36)*

06 46 36 00-0773	LF	3/4" x 1-1/2" Custom Shaped Clear Heart Redwood	7.51	1.11
06 46 36 00-0774	LF	3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	9.60	1.11
06 46 36 00-0775	LF	3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	11.71	1.11
06 46 36 00-0776	LF	3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	13.80	1.21
06 46 36 00-0777	LF	3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	16.01	1.21
06 46 36 00-0778	LF	3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	18.22	1.31
06 46 36 00-0779	LF	3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	22.45	1.31
06 46 36 00-0780	LF	3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	24.83	1.31
06 46 36 00-0781	LF	3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	24.94	1.41
06 46 36 00-0782	LF	3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	26.70	1.51
06 46 36 00-0783	LF	1" x 1-1/2" Custom Shaped Clear Heart Redwood	9.16	1.11
06 46 36 00-0784	LF	1" x 2-1/2" Custom Shaped Clear Heart Redwood	12.01	1.11
06 46 36 00-0785	LF	1" x 3-1/2" Custom Shaped Clear Heart Redwood	14.86	1.21
06 46 36 00-0786	LF	1" x 4-1/2" Custom Shaped Clear Heart Redwood	17.71	1.21
06 46 36 00-0787	LF	1" x 5-1/2" Custom Shaped Clear Heart Redwood	20.72	1.31
06 46 36 00-0788	LF	1" x 6-1/2" Custom Shaped Clear Heart Redwood	23.68	1.31
06 46 36 00-0789	LF	1" x 7-1/2" Custom Shaped Clear Heart Redwood	30.27	1.31
06 46 36 00-0790	LF	1" x 8-1/2" Custom Shaped Clear Heart Redwood	33.62	1.41
06 46 36 00-0791	LF	1" x 9-1/2" Custom Shaped Clear Heart Redwood	36.90	1.41
06 46 36 00-0792	LF	1" x 10-1/2" Custom Shaped Clear Heart Redwood	40.37	1.51
06 46 36 00-0793	LF	1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	12.21	1.11
06 46 36 00-0794	LF	1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	16.50	1.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0795	LF	1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	20.79	1.21
06 46 36 00-0796	LF	1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	25.09	1.31
06 46 36 00-0797	LF	1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	29.40	1.31
06 46 36 00-0798	LF	1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	34.02	1.41
06 46 36 00-0799	LF	1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	45.91	1.41
06 46 36 00-0800	LF	1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	51.21	1.51
06 46 36 00-0801	LF	1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	60.70	1.51
06 46 36 00-0802	LF	1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	66.53	1.61
06 46 36 00-0803	LF	3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	64.38	1.31
06 46 36 00-0804	LF	3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	79.60	1.31
06 46 36 00-0805	LF	3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	94.71	1.41
06 46 36 00-0806	LF	3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	110.03	1.51
06 46 36 00-0807	LF	3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	125.15	1.51
06 46 36 00-0808	LF	3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	140.36	1.61
06 46 36 00-0809	LF	3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	155.47	1.61
06 46 36 00-0810	LF	3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	170.59	1.61
06 46 36 00-0811	LF	3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood	185.91	1.71
06 46 36 00-0812		**Teak** *(06 46 36)*		
06 46 36 00-0813	LF	3/4" x 1-1/2" Custom Shaped Teak	21.88	1.11
06 46 36 00-0814	LF	3/4" x 2-1/2" Custom Shaped Teak	31.16	1.11
06 46 36 00-0815	LF	3/4" x 3-1/2" Custom Shaped Teak	40.45	1.11
06 46 36 00-0816	LF	3/4" x 4-1/2" Custom Shaped Teak	49.73	1.21
06 46 36 00-0817	LF	3/4" x 5-1/2" Custom Shaped Teak	59.13	1.21
06 46 36 00-0818	LF	3/4" x 6-1/2" Custom Shaped Teak	68.52	1.31
06 46 36 00-0819	LF	3/4" x 7-1/2" Custom Shaped Teak	77.79	1.31
06 46 36 00-0820	LF	3/4" x 8-1/2" Custom Shaped Teak	87.09	1.31
06 46 36 00-0821	LF	3/4" x 9-1/2" Custom Shaped Teak	96.32	1.41
06 46 36 00-0822	LF	3/4" x 10-1/2" Custom Shaped Teak	105.74	1.51
06 46 36 00-0823	LF	3/4" x 11-1/2" Custom Shaped Teak	115.07	1.51
06 46 36 00-0824	LF	1-1/2" x 1-1/2" Custom Shaped Teak	51.24	1.11
06 46 36 00-0825	LF	1-1/2" x 2-1/2" Custom Shaped Teak	58.97	1.21
06 46 36 00-0826	LF	1-1/2" x 3-1/2" Custom Shaped Teak	77.42	1.21
06 46 36 00-0827	LF	1-1/2" x 4-1/2" Custom Shaped Teak	95.88	1.31
06 46 36 00-0828	LF	1-1/2" x 5-1/2" Custom Shaped Teak	114.34	1.31
06 46 36 00-0829	LF	1-1/2" x 6-1/2" Custom Shaped Teak	132.47	1.41
06 46 36 00-0830	LF	1-1/2" x 7-1/2" Custom Shaped Teak	151.45	1.41
06 46 36 00-0831	LF	1-1/2" x 8-1/2" Custom Shaped Teak	169.94	1.51
06 46 36 00-0832	LF	1-1/2" x 9-1/2" Custom Shaped Teak	188.33	1.51
06 46 36 00-0833	LF	1-1/2" x 10-1/2" Custom Shaped Teak	206.92	1.61
06 46 36 00-0834	LF	1-1/2" x 11-1/2" Custom Shaped Teak	225.41	1.61
06 46 36 00-0835		**Walnut** *(06 46 36)*		
06 46 36 00-0836	LF	3/4" x 1-1/2" Custom Shaped Walnut	11.69	1.11
06 46 36 00-0837	LF	3/4" x 2-1/2" Custom Shaped Walnut	15.88	1.11
06 46 36 00-0838	LF	3/4" x 3-1/2" Custom Shaped Walnut	20.07	1.11
06 46 36 00-0839	LF	3/4" x 4-1/2" Custom Shaped Walnut	24.26	1.21
06 46 36 00-0840	LF	3/4" x 5-1/2" Custom Shaped Walnut	28.56	1.21
06 46 36 00-0841	LF	3/4" x 6-1/2" Custom Shaped Walnut	32.86	1.31
06 46 36 00-0842	LF	3/4" x 7-1/2" Custom Shaped Walnut	37.03	1.31
06 46 36 00-0843	LF	3/4" x 8-1/2" Custom Shaped Walnut	41.24	1.31
06 46 36 00-0844	LF	3/4" x 9-1/2" Custom Shaped Walnut	45.38	1.41
06 46 36 00-0845	LF	3/4" x 10-1/2" Custom Shaped Walnut	49.70	1.51
06 46 36 00-0846	LF	3/4" x 11-1/2" Custom Shaped Walnut	53.94	1.51
06 46 36 00-0847	LF	1" x 1-1/2" Custom Shaped Walnut	14.10	1.11
06 46 36 00-0848	LF	1" x 2-1/2" Custom Shaped Walnut	19.46	1.11
06 46 36 00-0849	LF	1" x 3-1/2" Custom Shaped Walnut	24.78	1.21
06 46 36 00-0850	LF	1" x 4-1/2" Custom Shaped Walnut	30.15	1.21
06 46 36 00-0851	LF	1" x 5-1/2" Custom Shaped Walnut	35.57	1.31
06 46 36 00-0852	LF	1" x 6-1/2" Custom Shaped Walnut	41.06	1.31
06 46 36 00-0853	LF	1" x 7-1/2" Custom Shaped Walnut	46.36	1.31
06 46 36 00-0854	LF	1" x 8-1/2" Custom Shaped Walnut	51.74	1.41
06 46 36 00-0855	LF	1" x 9-1/2" Custom Shaped Walnut	57.00	1.41
06 46 36 00-0856	LF	1" x 10-1/2" Custom Shaped Walnut	62.52	1.51
06 46 36 00-0857	LF	1" x 11-1/2" Custom Shaped Walnut	67.87	1.51
06 46 36 00-0858	LF	1-1/4" x 1-1/2" Custom Shaped Walnut	17.41	1.11
06 46 36 00-0859	LF	1-1/4" x 2-1/2" Custom Shaped Walnut	24.39	1.11
06 46 36 00-0860	LF	1-1/4" x 3-1/2" Custom Shaped Walnut	31.32	1.21
06 46 36 00-0861	LF	1-1/4" x 4-1/2" Custom Shaped Walnut	38.29	1.21
06 46 36 00-0862	LF	1-1/4" x 5-1/2" Custom Shaped Walnut	45.32	1.31
06 46 36 00-0863	LF	1-1/4" x 6-1/2" Custom Shaped Walnut	52.42	1.31
06 46 36 00-0864	LF	1-1/4" x 7-1/2" Custom Shaped Walnut	59.33	1.41
06 46 36 00-0865	LF	1-1/4" x 8-1/2" Custom Shaped Walnut	66.32	1.41
06 46 36 00-0866	LF	1-1/4" x 9-1/2" Custom Shaped Walnut	73.19	1.41
06 46 36 00-0867	LF	1-1/4" x 10-1/2" Custom Shaped Walnut	80.32	1.51
06 46 36 00-0868	LF	1-1/4" x 11-1/2" Custom Shaped Walnut	87.28	1.61
06 46 36 00-0869	LF	1-1/2" x 1-1/2" Custom Shaped Walnut	23.79	1.11
06 46 36 00-0870	LF	1-1/2" x 2-1/2" Custom Shaped Walnut	33.87	1.21
06 46 36 00-0871	LF	1-1/2" x 3-1/2" Custom Shaped Walnut	43.96	1.21

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0872	LF	1-1/2" x 4-1/2" Custom Shaped Walnut	54.05	1.31
06 46 36 00-0873	LF	1-1/2" x 5-1/2" Custom Shaped Walnut	64.15	1.31
06 46 36 00-0874	LF	1-1/2" x 6-1/2" Custom Shaped Walnut	74.45	1.41
06 46 36 00-0875	LF	1-1/2" x 7-1/2" Custom Shaped Walnut	84.52	1.41
06 46 36 00-0876	LF	1-1/2" x 8-1/2" Custom Shaped Walnut	94.65	1.51
06 46 36 00-0877	LF	1-1/2" x 9-1/2" Custom Shaped Walnut	105.75	1.51
06 46 36 00-0878	LF	1-1/2" x 10-1/2" Custom Shaped Walnut	114.90	1.61
06 46 36 00-0879	LF	1-1/2" x 11-1/2" Custom Shaped Walnut	125.02	1.61
06 46 36 00-0880	LF	2" x 1-1/2" Custom Shaped Walnut	40.38	1.21
06 46 36 00-0881	LF	2" x 2-1/2" Custom Shaped Walnut	58.72	1.21
06 46 36 00-0882	LF	2" x 3-1/2" Custom Shaped Walnut	77.05	1.21
06 46 36 00-0883	LF	2" x 4-1/2" Custom Shaped Walnut	95.48	1.31
06 46 36 00-0884	LF	2" x 5-1/2" Custom Shaped Walnut	113.82	1.31
06 46 36 00-0885	LF	2" x 6-1/2" Custom Shaped Walnut	132.35	1.41
06 46 36 00-0886	LF	2" x 7-1/2" Custom Shaped Walnut	150.68	1.41
06 46 36 00-0887	LF	2" x 8-1/2" Custom Shaped Walnut	169.11	1.51
06 46 36 00-0888	LF	2" x 9-1/2" Custom Shaped Walnut	187.44	1.51
06 46 36 00-0889	LF	2" x 10-1/2" Custom Shaped Walnut	205.79	1.61
06 46 36 00-0890	LF	2" x 11-1/2" Custom Shaped Walnut	224.32	1.71
06 46 36 00-0891	LF	2-1/2" x 1-1/2" Custom Shaped Walnut	50.67	1.21
06 46 36 00-0892	LF	2-1/2" x 2-1/2" Custom Shaped Walnut	74.10	1.21
06 46 36 00-0893	LF	2-1/2" x 3-1/2" Custom Shaped Walnut	97.53	1.31
06 46 36 00-0894	LF	2-1/2" x 4-1/2" Custom Shaped Walnut	121.05	1.31
06 46 36 00-0895	LF	2-1/2" x 5-1/2" Custom Shaped Walnut	144.48	1.31
06 46 36 00-0896	LF	2-1/2" x 6-1/2" Custom Shaped Walnut	168.11	1.41
06 46 36 00-0897	LF	2-1/2" x 7-1/2" Custom Shaped Walnut	191.55	1.51
06 46 36 00-0898	LF	2-1/2" x 8-1/2" Custom Shaped Walnut	215.06	1.51
06 46 36 00-0899	LF	2-1/2" x 9-1/2" Custom Shaped Walnut	238.49	1.61
06 46 36 00-0900	LF	2-1/2" x 10-1/2" Custom Shaped Walnut	261.93	1.61
06 46 36 00-0901	LF	2-1/2" x 11-1/2" Custom Shaped Walnut	285.55	1.71

06 48 Wood Frames *(06 40)*

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

06 48 13 Exterior Wood Door Frames *(06 48)*

06 48 13 00-0001 Exterior Door Frames *(06 48 13)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

06 48 13 00-0002	EA	3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	260.05	57.05
		For Birch, Add	*51.12*	
		For Mahogany, Add	*124.14*	
06 48 13 00-0003	EA	3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	273.36	59.79
		For Birch, Add	*54.01*	
		For Mahogany, Add	*131.17*	
06 48 13 00-0004	EA	4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	286.69	62.12
		For Birch, Add	*56.90*	
		For Mahogany, Add	*138.18*	
06 48 13 00-0005	EA	5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	312.09	66.48
		For Birch, Add	*62.67*	
		For Mahogany, Add	*152.21*	
06 48 13 00-0006	EA	6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	338.09	71.24
		For Birch, Add	*68.46*	
		For Mahogany, Add	*166.25*	
06 48 13 00-0007	EA	3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	382.78	57.25
06 48 13 00-0008	EA	3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	390.06	59.79
06 48 13 00-0009	EA	4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	397.30	62.32
06 48 13 00-0010	EA	5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	409.87	66.37
06 48 13 00-0011	EA	6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	424.55	71.44
06 48 13 00-0012	EA	3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	302.43	57.25
06 48 13 00-0013	EA	3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	316.96	59.79
06 48 13 00-0014	EA	4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	331.59	62.32
06 48 13 00-0015	EA	5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	358.64	66.37
06 48 13 00-0016	EA	6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	387.72	71.44

06 48 16 Interior Wood Door Frames *(06 48)*

06 48 16 00-0001 Interior Door Frames *(06 48 16)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002	EA	2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	129.88	27.16
		For Oak Or Maple, Add	*23.43*	
		For Birch, Add	*26.46*	
		For Mahogany, Add	*64.25*	
		For Walnut Frame, Add	*34.02*	
06 48 16 00-0003	EA	2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	130.78	27.26
		For Oak Or Maple, Add	*23.63*	
		For Birch, Add	*26.68*	
		For Mahogany, Add	*64.80*	
		For Walnut Frame, Add	*34.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 48 16 00-0004	EA	2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	132.41	27.76
		For Oak Or Maple, Add	*23.81*	
		For Birch, Add	*26.88*	
		For Mahogany, Add	*65.28*	
		For Walnut Frame, Add	*34.56*	
06 48 16 00-0005	EA	3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	134.56	28.47
		For Oak Or Maple, Add	*24.04*	
		For Birch, Add	*27.15*	
		For Mahogany, Add	*65.93*	
		For Walnut Frame, Add	*34.90*	
06 48 16 00-0006	EA	3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	137.66	29.19
		For Oak Or Maple, Add	*24.55*	
		For Birch, Add	*27.72*	
		For Mahogany, Add	*67.32*	
		For Walnut Frame, Add	*35.64*	
06 48 16 00-0007	EA	4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	145.46	31.01
		For Oak Or Maple, Add	*25.85*	
		For Birch, Add	*29.19*	
		For Mahogany, Add	*70.88*	
		For Walnut Frame, Add	*37.53*	
06 48 16 00-0008	EA	5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	154.73	33.54
		For Oak Or Maple, Add	*27.15*	
		For Birch, Add	*30.66*	
		For Mahogany, Add	*74.45*	
		For Walnut Frame, Add	*39.42*	
06 48 16 00-0009	EA	6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	163.03	35.67
		For Oak Or Maple, Add	*28.45*	
		For Birch, Add	*32.12*	
		For Mahogany, Add	*78.01*	
		For Walnut Frame, Add	*41.30*	
06 48 16 00-0010	LF	4-9/16", Pine Interior Door Frame	6.25	2.43
		For Oak Or Maple, Add	*0.43*	
		For Birch, Add	*0.48*	
		For Mahogany, Add	*1.17*	
		For Walnut Frame, Add	*0.62*	

06 49 Wood Screens and Exterior Wood Shutters *(06 40)*

06 49 19 Exterior Wood Shutters *(06 49)*

See CSI section 10 71 13 13-0000 for exterior shutters.

06 50 Structural Plastics *(06)*

06 51 Structural Plastic Shapes and Plates *(06 50)*

06 51 13 Plastic Lumber *(06 51)*

06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0002	LF	2" x 6", Beam Or Girder, Recycled Plastic Lumber	12.90	1.63
		For Reinforced Structural Plastic Lumber, Add	*3.91*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.95*	
		For White Color, Add	*4.49*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.81*	
06 51 13 00-0003	LF	2" x 8", Beam Or Girder, Recycled Plastic Lumber	16.59	1.77
		For Reinforced Structural Plastic Lumber, Add	*5.20*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.27*	
		For White Color, Add	*5.98*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.06*	
06 51 13 00-0004	LF	2" x 10", Beam Or Girder, Recycled Plastic Lumber	19.94	1.91
		For Reinforced Structural Plastic Lumber, Add	*6.37*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.55*	
		For White Color, Add	*7.31*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.20*	
06 51 13 00-0005	LF	3" x 10", Beam Or Girder, Recycled Plastic Lumber	29.33	2.27
		For Reinforced Structural Plastic Lumber, Add	*9.65*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.35*	
		For White Color, Add	*11.09*	
		For All Other Colors (Except Black, Brown Or White), Add	*9.39*	
06 51 13 00-0006	LF	3" x 12", Beam Or Girder, Recycled Plastic Lumber	35.19	2.56
		For Reinforced Structural Plastic Lumber, Add	*11.67*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.84*	
		For White Color, Add	*13.40*	
		For All Other Colors (Except Black, Brown Or White), Add	*11.35*	
06 51 13 00-0007	LF	4" x 4", Beam Or Girder, Recycled Plastic Lumber	18.67	2.20
		For Reinforced Structural Plastic Lumber, Add	*5.74*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.40*	
		For White Color, Add	*6.60*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0008	LF	4" x 6", Beam Or Girder, Recycled Plastic Lumber	25.39	2.34
		For Reinforced Structural Plastic Lumber, Add	*8.16*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.98*	
		For White Color, Add	*9.37*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.94*	
06 51 13 00-0009	LF	5" x 5", Beam Or Girder, Recycled Plastic Lumber	26.44	2.41
		For Reinforced Structural Plastic Lumber, Add	*8.51*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.07*	
		For White Color, Add	*9.77*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.28*	
06 51 13 00-0010	LF	6" x 6", Beam Or Girder, Recycled Plastic Lumber	36.76	2.63
		For Reinforced Structural Plastic Lumber, Add	*12.21*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.97*	
		For White Color, Add	*14.03*	
		For All Other Colors (Except Black, Brown Or White), Add	*11.88*	
06 51 13 00-0011	LF	6" x 8", Beam Or Girder, Recycled Plastic Lumber	50.46	2.77
		For Reinforced Structural Plastic Lumber, Add	*17.21*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*4.19*	
		For White Color, Add	*19.76*	
		For All Other Colors (Except Black, Brown Or White), Add	*16.74*	
06 51 13 00-0012		**Joists, Recycled Plastic Lumber** *(06 51 13)*		
06 51 13 00-0013	LF	2" x 4", Joist, Recycled Plastic Lumber	8.45	0.92
		For Reinforced Structural Plastic Lumber, Add	*2.64*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.64*	
		For White Color, Add	*3.03*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.57*	
06 51 13 00-0014	LF	2" x 6", Joist, Recycled Plastic Lumber	11.89	0.97
		For Reinforced Structural Plastic Lumber, Add	*3.91*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.95*	
		For White Color, Add	*4.49*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.81*	
06 51 13 00-0015	LF	2" x 8", Joist, Recycled Plastic Lumber	15.58	1.07
		For Reinforced Structural Plastic Lumber, Add	*5.20*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.27*	
		For White Color, Add	*5.98*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.06*	
06 51 13 00-0016	LF	2" x 10", Joist, Recycled Plastic Lumber	19.03	1.27
		For Reinforced Structural Plastic Lumber, Add	*6.37*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.55*	
		For White Color, Add	*7.31*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.20*	
06 51 13 00-0017	LF	3" x 10", Joist, Recycled Plastic Lumber	28.22	1.49
		For Reinforced Structural Plastic Lumber, Add	*9.65*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.35*	
		For White Color, Add	*11.09*	
		For All Other Colors (Except Black, Brown Or White), Add	*9.39*	
06 51 13 00-0018	LF	3" x 12", Joist, Recycled Plastic Lumber	34.28	1.91
		For Reinforced Structural Plastic Lumber, Add	*11.67*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.84*	
		For White Color, Add	*13.40*	
		For All Other Colors (Except Black, Brown Or White), Add	*11.35*	
06 51 13 00-0019	LF	4" x 4", Joist, Recycled Plastic Lumber	17.44	1.34
		For Reinforced Structural Plastic Lumber, Add	*5.74*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.40*	
		For White Color, Add	*6.60*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.59*	
06 51 13 00-0020	LF	4" x 6", Joist, Recycled Plastic Lumber	24.08	1.42
		For Reinforced Structural Plastic Lumber, Add	*8.16*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.98*	
		For White Color, Add	*9.37*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.94*	
06 51 13 00-0021	LF	5" x 5", Joist, Recycled Plastic Lumber	25.22	1.56
		For Reinforced Structural Plastic Lumber, Add	*8.51*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.07*	
		For White Color, Add	*9.77*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0022	LF	6" x 6", Joist, Recycled Plastic Lumber	35.53	1.77
		For Reinforced Structural Plastic Lumber, Add	*12.21*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.97*	
		For White Color, Add	*14.03*	
		For All Other Colors (Except Black, Brown Or White), Add	*11.88*	
06 51 13 00-0023	LF	6" x 8", Joist, Recycled Plastic Lumber	49.24	1.91
		For Reinforced Structural Plastic Lumber, Add	*17.21*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*4.19*	
		For White Color, Add	*19.76*	
		For All Other Colors (Except Black, Brown Or White), Add	*16.74*	
06 51 13 00-0024		**Columns, Recycled Plastic Lumber** *(06 51 13)*		
06 51 13 00-0025	LF	4" x 4", Column, Recycled Plastic Lumber	19.67	2.91
		For Reinforced Structural Plastic Lumber, Add	*5.74*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.40*	
		For White Color, Add	*6.60*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.59*	
06 51 13 00-0026	LF	4" x 6", Column, Recycled Plastic Lumber	27.92	4.11
		For Reinforced Structural Plastic Lumber, Add	*8.16*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.98*	
		For White Color, Add	*9.37*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.94*	
06 51 13 00-0027	LF	5" x 5", Column, Recycled Plastic Lumber	29.58	4.61
		For Reinforced Structural Plastic Lumber, Add	*8.51*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.07*	
		For White Color, Add	*9.77*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.28*	
06 51 13 00-0028	LF	6" x 6", Column, Recycled Plastic Lumber	40.49	5.25
		For Reinforced Structural Plastic Lumber, Add	*12.21*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.97*	
		For White Color, Add	*14.03*	
		For All Other Colors (Except Black, Brown Or White), Add	*11.88*	
06 51 13 00-0029	LF	6" x 8", Column, Recycled Plastic Lumber	55.72	6.45
		For Reinforced Structural Plastic Lumber, Add	*17.21*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*4.19*	
		For White Color, Add	*19.76*	
		For All Other Colors (Except Black, Brown Or White), Add	*16.74*	
06 51 13 00-0030		**Walls, Recycled Plastic Lumber** *(06 51 13)*		
06 51 13 00-0031	LF	2" x 3", Walls, Recycled Plastic Lumber	7.55	0.92
		For Reinforced Structural Plastic Lumber, Add	*2.31*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.56*	
		For White Color, Add	*2.65*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.24*	
06 51 13 00-0032	LF	2" x 4", Walls, Recycled Plastic Lumber	8.66	1.07
		For Reinforced Structural Plastic Lumber, Add	*2.64*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.64*	
		For White Color, Add	*3.03*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.57*	
06 51 13 00-0033	LF	2" x 6", Walls, Recycled Plastic Lumber	12.19	1.13
		For Reinforced Structural Plastic Lumber, Add	*3.91*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.95*	
		For White Color, Add	*4.49*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.81*	
06 51 13 00-0034	LF	2" x 8", Walls, Recycled Plastic Lumber	15.78	1.20
		For Reinforced Structural Plastic Lumber, Add	*5.20*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.27*	
		For White Color, Add	*5.98*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.06*	
06 51 13 00-0035		**Other Shapes, Recycled Plastic Lumber** *(06 51 13)*		
06 51 13 00-0036	LF	5/4" x 4", Other Shapes, Recycled Plastic Lumber	7.38	0.81
		For Reinforced Structural Plastic Lumber, Add	*2.27*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.55*	
		For White Color, Add	*2.61*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber	9.45	0.92
		For Reinforced Structural Plastic Lumber, Add	*3.01*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.73*	
		For White Color, Add	*3.46*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.93*	
06 51 13 00-0038	LF	5/4" x 8", Recycled Plastic Lumber	12.49	0.92
		For Reinforced Structural Plastic Lumber, Add	*4.14*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.01*	
		For White Color, Add	*4.75*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.02*	
06 51 13 00-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber	7.43	0.81
		For Reinforced Structural Plastic Lumber, Add	*2.29*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.56*	
		For White Color, Add	*2.63*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.23*	
06 51 13 00-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber	8.22	0.92
		For Reinforced Structural Plastic Lumber, Add	*2.56*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.62*	
		For White Color, Add	*2.94*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.49*	
06 51 13 00-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber	8.37	0.92
		For Reinforced Structural Plastic Lumber, Add	*2.61*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.64*	
		For White Color, Add	*3.00*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.54*	
06 51 13 00-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber	5.06	0.78
		For Reinforced Structural Plastic Lumber, Add	*1.46*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.35*	
		For White Color, Add	*1.67*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.42*	
06 51 13 00-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber	7.55	0.92
		For Reinforced Structural Plastic Lumber, Add	*2.31*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.56*	
		For White Color, Add	*2.65*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.24*	
06 51 13 00-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber	8.66	1.07
		For Reinforced Structural Plastic Lumber, Add	*2.64*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.64*	
		For White Color, Add	*3.03*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.57*	
06 51 13 00-0045	LF	2" x 6", Other Shapes, Recycled Plastic Lumber	12.19	1.13
		For Reinforced Structural Plastic Lumber, Add	*3.91*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.95*	
		For White Color, Add	*4.49*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.81*	
06 51 13 00-0046	LF	2" x 8", Other Shapes, Recycled Plastic Lumber	15.78	1.20
		For Reinforced Structural Plastic Lumber, Add	*5.20*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.27*	
		For White Color, Add	*5.98*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.06*	
06 51 13 00-0047	LF	2" x 10", Other Shapes, Recycled Plastic Lumber	19.03	1.27
		For Reinforced Structural Plastic Lumber, Add	*6.37*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.55*	
		For White Color, Add	*7.31*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.20*	
06 51 13 00-0048	LF	2" x 12", Other Shapes, Recycled Plastic Lumber	23.08	1.34
		For Reinforced Structural Plastic Lumber, Add	*7.83*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.91*	
		For White Color, Add	*9.00*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.62*	
06 51 13 00-0049	LF	3" x 4", Other Shapes, Recycled Plastic Lumber	12.51	1.24
		For Reinforced Structural Plastic Lumber, Add	*3.97*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.97*	
		For White Color, Add	*4.56*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.86*	
06 51 13 00-0050	LF	3" x 6", Other Shapes, Recycled Plastic Lumber	18.54	1.32
		For Reinforced Structural Plastic Lumber, Add	*6.16*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.50*	
		For White Color, Add	*7.08*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0051	LF	3" x 8", Other Shapes, Recycled Plastic Lumber	24.28	1.42
		For Reinforced Structural Plastic Lumber, Add	*8.24*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.00*	
		For White Color, Add	*9.46*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.02*	
06 51 13 00-0052	LF	3" x 10", Other Shapes, Recycled Plastic Lumber	28.22	1.49
		For Reinforced Structural Plastic Lumber, Add	*9.65*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.35*	
		For White Color, Add	*11.09*	
		For All Other Colors (Except Black, Brown Or White), Add	*9.39*	
06 51 13 00-0053	LF	3" x 12", Other Shapes, Recycled Plastic Lumber	34.28	1.91
		For Reinforced Structural Plastic Lumber, Add	*11.67*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.84*	
		For White Color, Add	*13.40*	
		For All Other Colors (Except Black, Brown Or White), Add	*11.35*	
06 51 13 00-0054	LF	4" x 4", Other Shapes, Recycled Plastic Lumber	17.44	1.34
		For Reinforced Structural Plastic Lumber, Add	*5.74*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.40*	
		For White Color, Add	*6.60*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.59*	
06 51 13 00-0055	LF	4" x 6", Other Shapes, Recycled Plastic Lumber	24.08	1.42
		For Reinforced Structural Plastic Lumber, Add	*8.16*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.98*	
		For White Color, Add	*9.37*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.94*	
06 51 13 00-0056	LF	4" x 8", Other Shapes, Recycled Plastic Lumber	32.52	1.54
		For Reinforced Structural Plastic Lumber, Add	*11.22*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.73*	
		For White Color, Add	*12.89*	
		For All Other Colors (Except Black, Brown Or White), Add	*10.92*	
06 51 13 00-0057	LF	5" x 5", Other Shapes, Recycled Plastic Lumber	25.22	1.56
		For Reinforced Structural Plastic Lumber, Add	*8.51*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.07*	
		For White Color, Add	*9.77*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.28*	
06 51 13 00-0058	LF	6" x 6", Other Shapes, Recycled Plastic Lumber	35.53	1.77
		For Reinforced Structural Plastic Lumber, Add	*12.21*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.97*	
		For White Color, Add	*14.03*	
		For All Other Colors (Except Black, Brown Or White), Add	*11.88*	
06 51 13 00-0059	LF	6" x 8", Other Shapes, Recycled Plastic Lumber	49.24	1.91
		For Reinforced Structural Plastic Lumber, Add	*17.21*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*4.19*	
		For White Color, Add	*19.76*	
		For All Other Colors (Except Black, Brown Or White), Add	*16.74*	
06 51 13 00-0060	LF	6" x 12", Other Shapes, Recycled Plastic Lumber	69.76	2.13
		For Reinforced Structural Plastic Lumber, Add	*24.69*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*6.00*	
		For White Color, Add	*28.36*	
		For All Other Colors (Except Black, Brown Or White), Add	*24.02*	
06 51 13 00-0061	LF	8" x 8", Other Shapes, Recycled Plastic Lumber	61.97	2.05
		For Reinforced Structural Plastic Lumber, Add	*21.85*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*5.31*	
		For White Color, Add	*25.10*	
		For All Other Colors (Except Black, Brown Or White), Add	*21.26*	
06 51 13 00-0062	LF	8" x 10", Other Shapes, Recycled Plastic Lumber	106.43	2.13
		For Reinforced Structural Plastic Lumber, Add	*38.25*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*9.31*	
		For White Color, Add	*43.94*	
		For All Other Colors (Except Black, Brown Or White), Add	*37.22*	
06 51 13 00-0063	LF	10" x 10", Other Shapes, Recycled Plastic Lumber	147.95	2.23
		For Reinforced Structural Plastic Lumber, Add	*53.57*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*13.03*	
		For White Color, Add	*61.53*	
		For All Other Colors (Except Black, Brown Or White), Add	*52.12*	
06 51 13 00-0064	LF	2" Diameter, Other Shapes, Recycled Plastic Lumber	5.47	0.71
		For Reinforced Structural Plastic Lumber, Add	*1.65*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.40*	
		For White Color, Add	*1.89*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.60*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0065	LF	3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber	16.17	0.92
		For Reinforced Structural Plastic Lumber, Add	*5.49*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.34*	
		For White Color, Add	*6.31*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.35*	
06 51 13 00-0066	LF	4" Diameter, Other Shapes, Recycled Plastic Lumber	17.81	1.07
		For Reinforced Structural Plastic Lumber, Add	*6.03*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.47*	
		For White Color, Add	*6.92*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.86*	
06 51 13 00-0067	LF	5" Diameter, Other Shapes, Recycled Plastic Lumber	22.07	1.27
		For Reinforced Structural Plastic Lumber, Add	*7.49*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.82*	
		For White Color, Add	*8.61*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.29*	
06 51 13 00-0068	LF	6" Diameter, Other Shapes, Recycled Plastic Lumber	49.37	1.49
		For Reinforced Structural Plastic Lumber, Add	*17.48*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*4.25*	
		For White Color, Add	*20.08*	
		For All Other Colors (Except Black, Brown Or White), Add	*17.01*	
06 51 13 00-0069	SF	1/8" Thick, Other Shapes, Recycled Plastic Sheeting	4.34	0.78
06 51 13 00-0070	SF	1/4" Thick, Other Shapes, Recycled Plastic Sheeting	6.48	0.81
06 51 13 00-0071	SF	3/8" Thick, Other Shapes, Recycled Plastic Sheeting	9.49	0.87
06 51 13 00-0072	SF	1/2" Thick, Other Shapes, Recycled Plastic Sheeting	12.17	0.90

06 52 Plastic Structural Assemblies *(06 50)*

06 52 13 Plastic Columns *(06 52)*

06 52 13 00-0001 Round Fiberglass Columns *(06 52 13)*

06 52 13 00-0002	LF	6" Diameter, Round Fiberglass Column	20.31	6.71
06 52 13 00-0003	LF	8" Diameter, Round Fiberglass Column	28.62	9.75
06 52 13 00-0004	LF	10" Diameter, Round Fiberglass Column	33.40	10.98
06 52 13 00-0005	LF	12" Diameter, Round Fiberglass Column	42.10	11.49
06 52 13 00-0006	LF	15" Diameter, Round Fiberglass Column	51.60	13.27
06 52 13 00-0007	EA	6" Diameter, Base And Cap For Round Fiberglass Columns	39.28	12.70
06 52 13 00-0008	EA	8" Diameter, Base And Cap For Round Fiberglass Columns	43.65	13.72
06 52 13 00-0009	EA	10" Diameter, Base And Cap For Round Fiberglass Columns	51.80	15.24
06 52 13 00-0010	EA	12" Diameter, Base And Cap For Round Fiberglass Columns	73.48	16.26
06 52 13 00-0011	EA	15" Diameter, Base And Cap For Round Fiberglass Columns	101.19	17.79

06 52 13 00-0012 Fluted Fiberglass Columns *(06 52 13)*

06 52 13 00-0013	LF	6" Diameter, Fluted Fiberglass Column	21.67	6.71
06 52 13 00-0014	LF	8" Diameter, Fluted Fiberglass Column	30.43	9.75
06 52 13 00-0015	LF	10" Diameter, Fluted Fiberglass Column	35.69	10.98
06 52 13 00-0016	LF	12" Diameter, Fluted Fiberglass Column	45.95	11.49
06 52 13 00-0017	LF	15" Diameter, Fluted Fiberglass Column	56.62	13.32
06 52 13 00-0018	EA	6" Diameter, Base And Cap For Fluted Fiberglass Columns	42.06	12.70
06 52 13 00-0019	EA	8" Diameter, Base And Cap For Fluted Fiberglass Columns	46.90	13.72
06 52 13 00-0020	EA	10" Diameter, Base And Cap For Fluted Fiberglass Columns	56.06	15.24
06 52 13 00-0021	EA	12" Diameter, Base And Cap For Fluted Fiberglass Columns	81.67	16.26
06 52 13 00-0022	EA	15" Diameter, Base And Cap For Fluted Fiberglass Columns	114.31	17.79

06 52 13 00-0023 Ornamental Or Decorative Cap And Base For Fiberglass Columns *(06 52 13)*

06 52 13 00-0024	EA	8" Roman Ionic Cap And Base For Fiberglass Columns	177.21	15.24
06 52 13 00-0025	EA	10" Roman Ionic Cap And Base For Fiberglass Columns	237.09	17.79
06 52 13 00-0026	EA	12" Roman Ionic Cap And Base For Fiberglass Columns	304.39	20.33
06 52 13 00-0027	EA	8" Scamozzi Cap And Base For Fiberglass Columns	211.57	15.24
06 52 13 00-0028	EA	10" Scamozzi Cap And Base For Fiberglass Columns	254.73	17.79
06 52 13 00-0029	EA	12" Scamozzi Cap And Base For Fiberglass Columns	373.11	20.33
06 52 13 00-0030	EA	8" Corinthian Cap And Base For Fiberglass Columns	267.29	15.24
06 52 13 00-0031	EA	10" Corinthian Cap And Base For Fiberglass Columns	324.38	17.79
06 52 13 00-0032	EA	12" Corinthian Cap And Base For Fiberglass Columns	430.68	20.33
06 52 13 00-0033	EA	8" Temple Of Winds Cap And Base For Fiberglass Columns	180.00	15.24
06 52 13 00-0034	EA	10" Temple Of Winds Cap And Base For Fiberglass Columns	242.66	17.79
06 52 13 00-0035	EA	12" Temple Of Winds Cap And Base For Fiberglass Columns	309.96	20.33
06 52 13 00-0036	EA	8" Greek Erectheum Cap And Base For Fiberglass Columns	180.00	15.24
06 52 13 00-0037	EA	10" Greek Erectheum Cap And Base For Fiberglass Columns	216.66	17.79
06 52 13 00-0038	EA	12" Greek Erectheum Cap And Base For Fiberglass Columns	286.74	20.33

06 53 Plastic Decking *(06 50)*

06 53 16 Plastic Stair Treads *(06 53)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 53 16 00-0001			Fiberglass Reinforced Plastic Stair Treads *(06 53 16)* Note: Includes standard colors and anchors. Excludes stringers.		
06 53 16 00-0002		LF	1" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	39.58	2.61
06 53 16 00-0003		LF	1-1/2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	53.60	3.13
06 53 16 00-0004		LF	2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	84.21	3.45

06 60 Plastic Fabrications *(06)*

06 65 Plastic Trim *(06 60)*

06 65 00 00-0001			Plastic Moldings *(06 65)* Note: All dimensions are nominal.		
06 65 00 00-0002			Base, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0003		LF	3-1/2" High, Base, Plastic Molding	7.97	2.01
06 65 00 00-0004		LF	4-1/2" High, Base, Plastic Molding	9.58	2.51
06 65 00 00-0005		LF	3/4" x 1", Base Shoe, Plastic Molding	6.89	2.12
06 65 00 00-0006			Cornice, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0007		LF	1" x 2" Cornice, Plastic Molding	6.97	2.01
06 65 00 00-0008		LF	1" x 4" Cornice, Plastic Molding	9.52	2.12
06 65 00 00-0009		LF	1" x 6" Cornice, Plastic Molding	14.54	2.21
06 65 00 00-0010		LF	1" x 8" Cornice, Plastic Molding	17.19	2.31
06 65 00 00-0011		LF	1" x 10" Cornice, Plastic Molding	20.28	2.41
06 65 00 00-0012		LF	1" x 12" Cornice, Plastic Molding	27.10	2.51
06 65 00 00-0013			Crown Or Bed, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0014		LF	9/16" x 1-5/8" Crown Or Bed, Plastic Molding	15.87	2.01
06 65 00 00-0015		LF	9/16" x 2-1/4" Crown Or Bed, Plastic Molding	21.63	2.51
06 65 00 00-0016		LF	9/16" x 3-1/2" Crown Or Bed, Plastic Molding	22.77	2.51
06 65 00 00-0017		LF	9/16" x 3-5/8" Crown Or Bed, Plastic Molding	23.91	2.51
06 65 00 00-0018		LF	5/8" x 4-1/4" Crown Or Bed, Plastic Molding	31.74	3.01
06 65 00 00-0019		LF	11/16" x 4-5/8" Crown Or Bed, Plastic Molding	38.80	3.01
06 65 00 00-0020			Dentil, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0021		LF	11/16" x 1-3/8" Dentil, Plastic Molding	12.85	2.01
06 65 00 00-0022		LF	5/8" x 2-1/2" Dentil, Plastic Molding	15.01	2.01
06 65 00 00-0023		LF	1-3/8" x 3-3/8" Dentil, Plastic Molding	19.88	2.01
06 65 00 00-0024		LF	1-1/2" x 4-1/2" Dentil, Plastic Molding	28.28	2.01
06 65 00 00-0025			Cove, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0026		LF	3/8" x 3/8" Cove, Plastic Molding	4.31	1.11
06 65 00 00-0027		LF	1/2" x 1/2" Cove, Plastic Molding	4.89	1.11
06 65 00 00-0028		LF	5/8" x 5/8" Cove, Plastic Molding	6.70	1.31
06 65 00 00-0029		LF	3/4" x 3/4" Cove, Plastic Molding	6.70	1.31
06 65 00 00-0030		LF	15/16" x 15/16" Cove, Plastic Molding	9.22	1.31
06 65 00 00-0031		LF	9/16" x 1-3/4" Cove, Plastic Molding	12.35	1.51
06 65 00 00-0032		LF	11/16" x 2-3/4" Cove, Plastic Molding	17.69	1.51
06 65 00 00-0033			Chair Rail, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0034		LF	1/2" x 1-5/8" Chair Rail, Plastic Molding	7.75	1.51
06 65 00 00-0035		LF	5/8" x 2-1/2" Chair Rail, Plastic Molding	10.50	2.01
06 65 00 00-0036		LF	5/8" x 3-1/2" Chair Rail, Plastic Molding	13.79	2.01
06 65 00 00-0037			Door, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0038		LF	1-1/8" Wide, Door, Plastic Molding	5.60	1.81
06 65 00 00-0039		LF	1-1/8" Wide, Detailed Door, Plastic Molding	5.67	1.81
06 65 00 00-0040			Trim, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0041		LF	1/2" x 1/2" Quarter Round Trim, Plastic Molding	5.43	2.12
06 65 00 00-0042		LF	3/4" x 3/4" Quarter Round Trim, Plastic Molding	6.62	2.12
06 65 00 00-0043		LF	1-1/4" x 2" Brick Mould, Plastic Molding	6.00	2.01
06 65 00 00-0044		LF	1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding	6.93	2.01
06 65 00 00-0045		LF	11/16" x 1-5/8" Drip Cap, Plastic Molding	5.10	2.01
06 65 00 00-0046		LF	2-3/4" x 2" Water Table, Plastic Molding	7.61	2.01
06 65 00 00-0047		LF	3/8" x 2" Garage Door Stop, Plastic Molding	5.61	2.01
06 65 00 00-0048			Extruded Polyvinyl Chloride (PVC) Trimboard *(06 65)* Note: As manufactured by Azek or Kleer. All dimensions are nominal.		
06 65 00 00-0049		LF	1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	3.69	0.81

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
06 65 00 00-0050		LF	1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	5.28	0.91	
06 65 00 00-0051		LF	1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	6.91	1.01	
06 65 00 00-0052		LF	1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	8.32	1.03	
06 65 00 00-0053		LF	1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	9.87	1.06	
06 65 00 00-0054		LF	5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	4.51	0.81	
06 65 00 00-0055		LF	5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	6.56	0.91	
06 65 00 00-0056		LF	5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	8.33	1.01	
06 65 00 00-0057		LF	5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	10.27	1.03	
06 65 00 00-0058		LF	5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	12.05	1.06	
06 65 00 00-0059		LF	3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	9.82	1.03	
06 65 00 00-0060		LF	5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	13.03	1.06	
06 65 00 00-0061		SF	1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	6.89	0.91	
06 65 00 00-0062		SF	3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	9.90	1.01	

06 70 Structural Composites *(06)*

06 74 Composite Gratings *(06 70)*

06 74 13 Fiberglass Reinforced Gratings *(06 74)*

06 74 13 00-0001 Molded Fiberglass Gratings And Coverings *(06 74 13)*

06 74 13 00-0002 Vi-Corr Resin System *(06 74 13 00-0001)*

Note: Orange or dark gray.

06 74 13 00-0003	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top	42.37	1.88	
06 74 13 00-0004	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	41.16	1.88	
06 74 13 00-0005	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	53.76	1.88	
06 74 13 00-0006	SF	2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top	58.19	2.41	
06 74 13 00-0007	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top	44.48	1.88	
06 74 13 00-0008	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	43.21	1.88	
06 74 13 00-0009	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	56.79	1.88	
06 74 13 00-0010	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top	61.05	2.41	
06 74 13 00-0011	SF	1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering	40.17	1.50	
06 74 13 00-0012	SF	1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering	65.15	1.65	
06 74 13 00-0013	SF	3/4 Vi-Corr Resin Polyester Resin, Fiberplate Covering	89.31	1.82	

06 74 13 00-0014 IFR Fire Retardant Isophthalic Resin *(06 74 13 00-0001)*

06 74 13 00-0015	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	38.96	1.88	
06 74 13 00-0016	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	36.48	1.88	
06 74 13 00-0017	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	46.99	1.88	
06 74 13 00-0018	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	50.68	2.41	
06 74 13 00-0019	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	40.68	1.88	
06 74 13 00-0020	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	37.46	1.88	
06 74 13 00-0021	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	51.04	2.41	
06 74 13 00-0022	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	53.51	2.41	
06 74 13 00-0023	SF	1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	35.39	1.50	
06 74 13 00-0024	SF	1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	50.15	1.65	
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	68.93	1.82	

06 74 13 00-0026 Corvex Polyester Resin *(06 74 13 00-0001)*

Note: Dark gray.

06 74 13 00-0027	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top	33.03	1.88	
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	31.72	1.88	
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	38.49	1.88	
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top	44.23	2.41	
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top	35.21	1.88	
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	33.89	1.88	
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	41.02	1.88	
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top	46.40	2.41	
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering	31.24	1.50	
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering	49.93	1.65	
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering	69.30	1.82	

06 74 13 00-0038 XFR Extra Fire Retardant *(06 74 13 00-0001)*

06 74 13 00-0039	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top	48.68	1.88	
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	47.26	1.88	
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	64.76	1.88	
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top	69.16	2.41	
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top	50.82	1.88	
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	49.43	1.88	
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	67.29	1.88	
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top	72.23	2.41	
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering	46.03	1.50	
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering	74.53	1.65	

06 74 13 00-0049 ELS Extremely Low Smoke Resin *(06 74 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0050	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	49.93	1.88
06 74 13 00-0051	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	48.41	1.88
06 74 13 00-0052	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	63.02	1.88
06 74 13 00-0053	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	67.52	2.41
06 74 13 00-0054	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	51.91	1.88
06 74 13 00-0055	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	50.66	1.88
06 74 13 00-0056	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	65.46	1.88
06 74 13 00-0057	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	69.98	2.41
06 74 13 00-0058	SF	1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering	51.47	1.50
06 74 13 00-0059	SF	1/2 ELS Extremity Low Smoke Resin, Fiberplate Covering	92.92	1.65
06 74 13 00-0060		Pultruded Fiberglass Grating *(06 74 13)*		
06 74 13 00-0061		ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0060)*		
		Note: For moderately corrosive environments, green.		
06 74 13 00-0062		1" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*		
06 74 13 00-0063	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	35.45	2.41
06 74 13 00-0064	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	31.43	1.88
06 74 13 00-0065	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	40.11	2.41
06 74 13 00-0066	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	37.08	1.88
06 74 13 00-0067	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	27.61	2.41
06 74 13 00-0068	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	24.43	1.88
06 74 13 00-0069	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	31.66	2.41
06 74 13 00-0070	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	28.56	1.88
06 74 13 00-0071		1-1/2" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*		
06 74 13 00-0072	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	40.07	2.41
06 74 13 00-0073	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	36.16	1.88
06 74 13 00-0074	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	45.06	2.41
06 74 13 00-0075	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	42.26	1.88
06 74 13 00-0076	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	35.20	2.41
06 74 13 00-0077	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	32.10	1.88
06 74 13 00-0078		2" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*		
06 74 13 00-0079	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	34.70	2.41
06 74 13 00-0080	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	38.43	2.41
06 74 13 00-0081	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	46.51	2.41
06 74 13 00-0082	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	43.87	2.41
06 74 13 00-0083		VERF Vinyl Ester Resin System *(06 74 13 00-0060)*		
06 74 13 00-0084		1" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*		
06 74 13 00-0085	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	37.55	1.88
06 74 13 00-0086	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	33.55	1.88
06 74 13 00-0087	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	42.26	1.88
06 74 13 00-0088	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	48.56	1.88
06 74 13 00-0089	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin	28.76	1.88
06 74 13 00-0090	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin	25.68	1.88
06 74 13 00-0091	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	33.06	1.88
06 74 13 00-0092	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	30.31	1.88
06 74 13 00-0093		1-1/2" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*		
06 74 13 00-0094	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	41.25	1.88
06 74 13 00-0095	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	37.30	1.88
06 74 13 00-0096	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	47.20	1.88
06 74 13 00-0097	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	44.05	1.88
06 74 13 00-0098	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	37.05	1.88
06 74 13 00-0099	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	34.11	1.88
06 74 13 00-0100		2" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*		
06 74 13 00-0101	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	36.47	2.41
06 74 13 00-0102	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	33.61	2.41
06 74 13 00-0103	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin	48.99	2.41
06 74 13 00-0104	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin	47.57	2.41

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06 80 Composite Fabrications *(06)*

06 81 Composite Railings *(06 80)*

06 81 13 Glass-Fiber-Reinforced Plastic Railings *(06 81)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 81 13 00-0001		**Fiberglass Handrail Assembly** *(06 81 13)* Note: Assembly includes posts, rails, kick plates, fasteners and accessories. Not to be used in conjunction with handrail components.		
06 81 13 00-0002	LF	Fiberglass Side Mount Handrail, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, 4" Kick Plate, Stainless Steel Fasteners And Accessories	72.88	20.91
		For Each LF Of Anchoring Posts Into Masonry Or Concrete, Add	*3.00*	
		For Sloped Floor Installation, Add	*5.74*	
		For Stair Installation (Without Kick Plates), Add	*10.69*	
06 81 13 00-0003	LF	Fiberglass Top Mount Handrail, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, 4" Kick Plate, Stainless Steel Fasteners And Accessories	82.45	19.60
06 81 13 00-0004	LF	Fiberglass Handrail For Stairs, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, Stainless Steel Fasteners And Accessories	78.35	26.14
06 81 13 00-0005		**Fiberglass Handrail Components** *(06 81 13)* Note: This section is only to be used when entire handrail assembly is not required.		
06 81 13 00-0006	LF	Fiberglass Kick Plate (12' Sections) With Splice Kit	17.17	5.23
06 81 13 00-0007	LF	Fiberglass Kick Plate (24' sections) With Splice Kit	15.30	5.23
06 81 13 00-0008	EA	Fiberglass Side Mount Post For Handrail	164.92	31.36
06 81 13 00-0009	EA	Fiberglass Top Mount Post For Handrail With Stainless Steel Base	190.36	20.91
06 81 13 00-0010	LF	Fiberglass Square Tube For Horizontal Handrail, ISOFR 1-3/4" x 1/8" (12' sections)	18.70	6.27
06 81 13 00-0011	LF	Fiberglass Square Tube For Horizontal Handrail, ISOFR 1-3/4" x 1/8" (24' sections)	17.74	6.27
06 81 13 00-0012	LF	Fiberglass Square Tube For Horizontal Handrail, ISOFR 2-1/8" x 3/16" (21' sections)	19.17	6.27

06 82 Composite Trim *(06 80)*

06 82 00 00-0001		**Fiberglass Castings** *(06 82)*		
06 82 00 00-0002		**Fiberglass Angle, Equal Legs** *(06 82 00 00-0001)*		
06 82 00 00-0003	LF	1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	9.01	3.13
06 82 00 00-0004	LF	1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	9.45	3.13
06 82 00 00-0005	LF	3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	16.94	3.76
06 82 00 00-0006	LF	3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	18.73	3.76
06 82 00 00-0007	LF	4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	18.84	3.76
06 82 00 00-0008	LF	4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	20.14	3.76
06 82 00 00-0009	LF	4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	21.88	3.76
06 82 00 00-0010	LF	4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	24.64	3.76
06 82 00 00-0011	LF	6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	59.22	4.71
06 82 00 00-0012	LF	6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin	68.15	4.71
06 82 00 00-0013		**Fiberglass Channels** *(06 82 00 00-0001)*		
06 82 00 00-0014	LF	3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	10.40	4.71
06 82 00 00-0015	LF	3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	10.84	4.71
06 82 00 00-0016	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	21.90	5.33
06 82 00 00-0017	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	21.90	5.33
06 82 00 00-0018	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	34.44	5.33
06 82 00 00-0019	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	40.08	5.33
06 82 00 00-0020	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	32.33	5.33
06 82 00 00-0021	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	39.10	5.33
06 82 00 00-0022	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	49.25	7.32
06 82 00 00-0023	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin	56.52	7.32
06 82 00 00-0024		**Fiberglass Wide Flange Beams** *(06 82 00 00-0001)*		
06 82 00 00-0025	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	29.92	6.27
06 82 00 00-0026	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	32.74	6.27
06 82 00 00-0027	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	38.31	7.53
06 82 00 00-0028	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	39.65	7.53
06 82 00 00-0029	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	61.90	9.41
06 82 00 00-0030	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	77.77	9.41
06 82 00 00-0031	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	137.89	11.50
06 82 00 00-0032	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	155.25	11.50
06 82 00 00-0033		**Fiberglass Flat Sheet** *(06 82 00 00-0001)* Note: Not to be used for bathroom board.		
06 82 00 00-0034	SF	1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	24.72	5.33
06 82 00 00-0035	SF	1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	25.83	5.33
06 82 00 00-0036	SF	1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	38.93	6.27
06 82 00 00-0037	SF	1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	44.83	6.27
06 82 00 00-0038	SF	3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	52.87	7.53
06 82 00 00-0039	SF	3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	61.72	7.53
06 82 00 00-0040	SF	1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	71.32	9.41
06 82 00 00-0041	SF	1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	84.87	9.41
06 82 00 00-0042		**Fiberglass Bars** *(06 82 00 00-0001)*		
06 82 00 00-0043		**Square Bars** *(06 82 00 00-0042)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0044	LF	1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	14.68	3.76
06 82 00 00-0045	LF	1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	21.11	5.54
06 82 00 00-0046	LF	1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin	24.76	7.32
06 82 00 00-0047		**Round Bars** *(06 82 00 00-0042)*		
06 82 00 00-0048	LF	1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	9.40	3.13
06 82 00 00-0049	LF	1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	20.25	4.71
06 82 00 00-0050	LF	1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin	22.94	4.71
06 82 00 00-0051	LF	1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	30.46	4.71
06 82 00 00-0052	LF	1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	36.42	5.33
06 82 00 00-0053		**Fiberglass Tubes** *(06 82 00 00-0001)*		
06 82 00 00-0054		**Square Tube** *(06 82 00 00-0053)*		
06 82 00 00-0055	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	10.62	3.13
06 82 00 00-0056	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	11.49	3.13
06 82 00 00-0057	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	15.74	3.76
06 82 00 00-0058	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	17.28	3.76
06 82 00 00-0059	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	30.13	4.71
06 82 00 00-0060	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	33.67	4.71
06 82 00 00-0061	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	35.46	5.64
06 82 00 00-0062	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	45.32	5.64
06 82 00 00-0063		**Round Tube** *(06 82 00 00-0053)*		
06 82 00 00-0064	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	10.16	3.13
06 82 00 00-0065	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	10.56	3.13
06 82 00 00-0066	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	19.16	3.76
06 82 00 00-0067	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	20.45	3.76
06 82 00 00-0068		**Fiberglass Threaded Rods** *(06 82 00 00-0001)*		
06 82 00 00-0069	LF	3/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	13.81	2.41
06 82 00 00-0070	LF	1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	14.72	2.41
06 82 00 00-0071	LF	5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	16.89	2.72
06 82 00 00-0072	LF	3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	18.63	2.72
06 82 00 00-0073	LF	1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	20.60	2.72
06 82 00 00-0074		**Grating Support Legs, VEFR Resin** *(06 82 00 00-0001)*		
06 82 00 00-0075	EA	Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings	20.75	
06 82 00 00-0076	EA	Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings	8.89	
06 82 00 00-0077	EA	Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings	33.44	
06 82 00 00-0078		**Fiberglass Netting** *(06 82 00 00-0001)*		
06 82 00 00-0079	SF	1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting	0.75	0.36
06 82 00 00-0080	SF	1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.75	0.36
06 82 00 00-0081	SF	3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.75	0.36
06 82 00 00-0082	SF	7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.75	0.36
06 82 00 00-0083	SF	1" x 1" Mesh, Clear Flexible Fiberglass Netting	0.75	0.36
06 82 00 00-0084	SF	1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting	0.74	0.36
06 82 00 00-0085	SF	1/2" x 2" Mesh, Green Flexible Fiberglass Netting	0.74	0.36
06 82 00 00-0086	SF	3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting	0.74	0.36
06 82 00 00-0087	SF	7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting	0.74	0.36
06 82 00 00-0088	SF	1" x 1" Mesh, Green Flexible Fiberglass Netting	0.74	0.36
06 82 00 00-0089		**Fiberglass Stair Treads** *(06 82)*		
06 82 00 00-0090		**Fiberglass Stair Treads** *(06 82 00 00-0089)*		
06 82 00 00-0091		**10-1/2" Deep Isophthalic Resin System** *(06 82 00 00-0090)*		
06 82 00 00-0092	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	94.46	16.42
06 82 00 00-0093	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	109.90	16.42
06 82 00 00-0094	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	125.35	16.42
06 82 00 00-0095	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	140.80	16.42
06 82 00 00-0096	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	103.73	16.42
06 82 00 00-0097	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	121.49	16.42
06 82 00 00-0098	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	139.25	16.42
06 82 00 00-0099	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	157.02	16.42
06 82 00 00-0100	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	117.94	16.42
06 82 00 00-0101	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	139.25	16.42
06 82 00 00-0102	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	160.57	16.42
06 82 00 00-0103	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	181.89	16.42
06 82 00 00-0104		**12" Deep Isophthalic Resin System** *(06 82 00 00-0090)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0105	EA	1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	103.29	16.42
06 82 00 00-0106	EA	1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	120.94	16.42
06 82 00 00-0107	EA	1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	138.60	16.42
06 82 00 00-0108	EA	1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	156.25	16.42
06 82 00 00-0109	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	113.88	16.42
06 82 00 00-0110	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	134.18	16.42
06 82 00 00-0111	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	154.49	16.42
06 82 00 00-0112	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	174.79	16.42
06 82 00 00-0113	EA	2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	130.12	16.42
06 82 00 00-0114	EA	2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	154.48	16.42
06 82 00 00-0115	EA	2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	176.85	16.42
06 82 00 00-0116	EA	2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	203.21	16.42

06 82 00 00-0117 Other Fiberglass *(06 82)*

06 82 00 00-0118 Fiberglass Splash Blocks *(06 82 00 00-0117)*

06 82 00 00-0119	EA	Standard Size Fiberglass Splash Block	18.02	3.58

06 83 Composite Paneling *(06 80)*

06 83 16 Fiberglass Reinforced Paneling *(06 83)*

06 83 16 00-0001 Fiberglass Reinforced Polyester (FRP) Panels *(06 83 16)*

Note: Includes adhesive and trim.

06 83 16 00-0002	SF	Fiberglass Reinforced Polyester (FRP) Paneling Note: Including Adhesive And Trim	4.43	1.79

END OF SECTION 06

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 Thermal And Moisture Protection

07 01 Operation and Maintenance of Thermal and Moisture Protection *(07)*

07 01 50 Maintenance of Membrane Roofing *(07 01)*

07 01 50 19 Preparation for Re-Roofing *(07 01 50)*

07 01 50 19-0001 Preparation For Re-Roofing *(07 01 50 19)*

07 01 50 19-0002	SQ	Removal Of Pea Gravel Ballast From Roof, Vacuum And Disposal	34.93	
07 01 50 19-0003	SQ	Removal Of Gravel Ballast From Roof, Vacuum And Disposal	61.64	

07 01 50 81 Roof Replacement *(07 01 50)*

07 01 50 81-0001 Roof Repair *(07 01 50 81)*

Note: Less than 100 SF areas. Excludes mobilization of crew for small quantity of roof work. See CSI section 07 05 13 00-0001 for mobilization of crew for small quantity of roof work.

07 01 50 81-0002	SF	Up To 10 SF Roof Repair, Built-Up Roofing	24.16	
07 01 50 81-0003	SF	>10 To 25 SF Roof Repair, Built-Up Roofing	21.79	
07 01 50 81-0004	SF	>25 To 50 SF Roof Repair, Built-Up Roofing	19.90	
07 01 50 81-0005	SF	>50 To 100 SF Roof Repair, Built-Up Roofing	18.50	
07 01 50 81-0006	SF	Up To 10 SF Roof Repair, Membrane Roofing	27.70	
07 01 50 81-0007	SF	>10 To 25 SF Roof Repair, Membrane Roofing	25.33	
07 01 50 81-0008	SF	>25 To 50 SF Roof Repair, Membrane Roofing	23.44	
07 01 50 81-0009	SF	>50 To 100 SF Roof Repair, Membrane Roofing	22.05	
07 01 50 81-0010	SF	Up To 10 SF Roof Repair, Shingle Roofing	20.63	
07 01 50 81-0011	SF	>10 To 25 SF Roof Repair, Shingle Roofing	18.61	
07 01 50 81-0012	SF	>25 To 50 SF Roof Repair, Shingle Roofing	17.07	
07 01 50 81-0013	SF	>50 To 100 SF Roof Repair, Shingle Roofing	16.03	
07 01 50 81-0014	LF	Heat Weld Roofing Seams For Repair	6.89	

07 01 50 81-0015 Emergency Roof Patch *(07 01 50 81)*

Note: 4 Hour response time.

07 01 50 81-0016	EA	Mobilize For Emergency Roof Patching	616.24	
07 01 50 81-0017	EA	Granule Emergency Roof Patch Cover 16 SF	101.64	

07 01 50 81-0018 Adhesives *(07 01 50 81)*

Note: For repair of seams.

07 01 50 81-0019 Mastic Sealer *(07 01 50 81-0018)*

07 01 50 81-0020 Applied At Joints Only *(07 01 50 81-0019)*

07 01 50 81-0021	LF	Mastic Sealer, 1/4" Bead At Joint	4.09	1.75

07 01 50 91 Roofing Restoration *(07 01 50)*

07 01 50 91-0001 Pressure Wash Membrane Roofing *(07 01 50 91)*

07 01 50 91-0002	SF	Up To 2,500 PSI, Pressure Wash Membrane Roofing	0.16	
		For Up To 100, Add	*0.12*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.02*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 15,000, Deduct	*-0.02*	
		For >15,000 To 30,000, Deduct	*-0.02*	
		For >30,000, Deduct	*-0.03*	

07 05 Common Work Results for Thermal and Moisture Protection *(07)*

07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work *(07 05)*

07 05 13 00-0001 Mobilization Of Crew For Small Quantity Of Roof Work *(07 05 13)*

Note: For use with all roofing tasks where the total quantity of roof work is 4 squares or less.

07 05 13 00-0002	EA	Up To 1 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,234.45	
07 05 13 00-0003	EA	>1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	923.61	
07 05 13 00-0004	EA	>2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	617.22	
07 05 13 00-0005	EA	>3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	307.87	

07 10 Dampproofing and Waterproofing *(07)*

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost (where listed). Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

the absence of hydrostatic pressure.

07 11 Dampproofing *(07 10)*

07 11 13 Bituminous Dampproofing *(07 11)*

07 11 13 00-0001 Fibrous Asphalt Dampproofing, Brush, Roller Or Spray *(07 11 13)*

07 11 13 00-0002	CSF	1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray		163.37	
07 11 13 00-0003	CSF	2 Coats, Brush, Roller Or Spray, Fibrous Asphalt Dampproofing		245.53	

07 11 13 00-0004 Fibrous Asphalt Dampproofing, Troweled On *(07 11 13)*

07 11 13 00-0005	CSF	Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On		285.72	
07 11 13 00-0006	CSF	Primer And 2 Coats, Troweled On, Fibrous Asphalt Dampproofing		450.76	

07 11 13 00-0007 Asphaltic Paint Dampproofing *(07 11 13)*

07 11 13 00-0008	CSF	1 Coat, Asphaltic Paint Dampproofing, Brushed On		129.12	
07 11 13 00-0009	CSF	2 Coats, Brushed On, Asphaltic Paint Dampproofing		239.74	

07 11 19 Sheet Dampproofing *(07 11)*

07 11 19 00-0001 Neoprene *(07 11 19)*

07 11 19 00-0002	SF	1/16" Patch Neoprene Roof (5 To 20 SF)		33.47	

07 13 Sheet Waterproofing *(07 10)*

07 13 13 Bituminous Sheet Waterproofing *(07 13)*

07 13 13 00-0001 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped *(07 13 13)*

07 13 13 00-0002	CSF	1 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped		300.57	99.00
		For 30 LB Felt, Add	*76.93*		
		For Application To Horizontal Surfaces, Deduct	*-29.70*		
07 13 13 00-0003	CSF	2 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped		384.15	111.38
		For 30 LB Felt, Add	*121.05*		
		For Application To Horizontal Surfaces, Deduct	*-33.41*		
07 13 13 00-0004	CSF	3 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped		467.74	123.75
		For 30 LB Felt, Add	*165.18*		
		For Application To Horizontal Surfaces, Deduct	*-37.13*		
07 13 13 00-0005	CSF	4 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped		551.32	136.12
		For 30 LB Felt, Add	*209.30*		
		For Application To Horizontal Surfaces, Deduct	*-40.84*		
07 13 13 00-0006	CSF	5 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped		634.90	148.50
		For 30 LB Felt, Add	*253.43*		
		For Application To Horizontal Surfaces, Deduct	*-44.55*		

07 13 13 00-0007 Asphalt Coated Protective Board *(07 13 13)*

07 13 13 00-0008	CSF	1/8" Asphalt Coated Protective Board		252.82	98.91
		For Application To Horizontal Surfaces, Deduct	*-32.99*		
07 13 13 00-0009	CSF	1/4" Asphalt Coated Protective Board		352.72	102.71
		For Application To Horizontal Surfaces, Deduct	*-34.24*		
07 13 13 00-0010	CSF	3/8" Asphalt Coated Protective Board		473.24	107.02
		For Application To Horizontal Surfaces, Deduct	*-35.66*		
07 13 13 00-0011	CSF	1/2" Asphalt Coated Protective Board		533.41	111.34
		For Application To Horizontal Surfaces, Deduct	*-37.12*		

07 13 53 Elastomeric Sheet Waterproofing *(07 13)*

07 13 53 00-0001 Rubberized Membrane Sheet *(07 13 53)*

07 13 53 00-0002	SF	215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface		7.42	1.02
		For Floor Surfaces, Deduct	*-1.04*		

07 13 53 00-0003 Ethylene Propylene Diene Monomer (EPDM) *(07 13 53)*

07 13 53 00-0004	CSF	45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane		447.20	143.79
		For Application To Horizontal Surfaces, Deduct	*-43.13*		
07 13 53 00-0005	CSF	60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane		520.89	143.79
		For Application To Horizontal Surfaces, Deduct	*-43.13*		

07 13 53 00-0006 Butyl Sheet Waterproofing *(07 13 53)*

07 13 53 00-0007	CSF	1/32" Butyl Sheet Waterproofing		96.98	35.94
		For Joint Taping, Add	*13.13*		
		For Each Additional Ply, Add	*71.49*		
		For Application To Horizontal Surfaces, Deduct	*-5.40*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 53 00-0008	CSF	1/16" Butyl Sheet Waterproofing	116.37	35.94
		For Joint Taping, Add	*14.10*	
		For Each Additional Ply, Add	*85.06*	
		For Application To Horizontal Surfaces, Deduct	*-5.40*	
07 13 53 00-0009		**Butyl With Nylon** *(07 13 53)*		
07 13 53 00-0010	CSF	1/32" Butyl Elastomeric Waterproofing With Nylon	108.06	35.94
		For Joint Taping, Add	*13.69*	
		For Each Additional Ply, Add	*79.24*	
		For Application To Horizontal Surfaces, Deduct	*-5.40*	
07 13 53 00-0011	CSF	1/16" Butyl Elastomeric Waterproofing With Nylon	120.53	35.94
		For Joint Taping, Add	*14.31*	
		For Each Additional Ply, Add	*87.97*	
		For Application To Horizontal Surfaces, Deduct	*-5.40*	
07 13 53 00-0012		**Neoprene Sheet Waterproofing** *(07 13 53)*		
07 13 53 00-0013	CSF	1/32" Neoprene Sheet Waterproofing	171.86	35.94
		For Joint Taping, Add	*16.88*	
		For Each Additional Ply, Add	*123.90*	
		For Application To Horizontal Surfaces, Deduct	*-5.40*	
07 13 53 00-0014	CSF	1/16" Neoprene Sheet Waterproofing	254.42	35.94
		For Joint Taping, Add	*21.01*	
		For Each Additional Ply, Add	*181.70*	
		For Application To Horizontal Surfaces, Deduct	*-5.40*	
07 13 53 00-0015		**Neoprene With Nylon** *(07 13 53)*		
07 13 53 00-0016	CSF	1/32" Neoprene Elastomeric Waterproofing With Nylon	180.48	35.94
		For Joint Taping, Add	*17.31*	
		For Each Additional Ply, Add	*129.94*	
		For Application To Horizontal Surfaces, Deduct	*-5.40*	
07 13 53 00-0017	CSF	1/16" Neoprene Elastomeric Waterproofing With Nylon	268.18	35.94
		For Joint Taping, Add	*21.69*	
		For Each Additional Ply, Add	*191.33*	
		For Application To Horizontal Surfaces, Deduct	*-5.40*	
07 13 53 00-0018		**Plastic Vapor Barrier (Polyethylene)** *(07 13 53)*		
07 13 53 00-0019	CSF	4 Mil Polyethylene Vapor Barrier	34.11	12.26
		For Joint Taping, Add	*7.95*	
		For Each Additional Ply, Add	*26.59*	
		For Application To Horizontal Surfaces, Deduct	*-4.07*	
07 13 53 00-0020	CSF	6 Mil Polyethylene Vapor Barrier	35.11	12.26
		For Joint Taping, Add	*8.00*	
		For Each Additional Ply, Add	*27.29*	
		For Application To Horizontal Surfaces, Deduct	*-4.07*	
07 13 53 00-0021	CSF	10 Mil Polyethylene Vapor Barrier	60.74	12.26
		For Joint Taping, Add	*9.28*	
		For Each Additional Ply, Add	*45.23*	
		For Application To Horizontal Surfaces, Deduct	*-4.07*	
07 13 53 00-0022	CSF	60 Mil Polyethylene Vapor Barrier With Bentonite	99.42	12.26
		Note: Includes seam tape, liquid mastic, anchors and termination bar.		
		For Each Additional Ply, Add	*72.61*	
		For Application To Horizontal Surfaces, Deduct	*-4.52*	
07 13 53 00-0023		**Plastic Vapor Barrier (PVC)** *(07 13 53)*		
07 13 53 00-0024	CSF	10 Mil Polyvinyl Chloride (PVC) Vapor Barrier	41.78	13.57
		For Joint Taping, Add	*8.33*	
		For Each Additional Ply, Add	*31.96*	
		For Application To Horizontal Surfaces, Deduct	*-4.07*	
07 13 53 00-0025	CSF	20 Mil Polyvinyl Chloride (PVC) Vapor Barrier	53.46	14.07
		For Joint Taping, Add	*9.15*	
		For Each Additional Ply, Add	*40.24*	
		For Application To Horizontal Surfaces, Deduct	*-4.22*	
07 13 53 00-0026	CSF	30 Mil Polyvinyl Chloride (PVC) Vapor Barrier	69.08	14.57
		For Joint Taping, Add	*10.16*	
		For Each Additional Ply, Add	*51.27*	
		For Application To Horizontal Surfaces, Deduct	*-4.37*	
07 13 53 00-0027		**Vinyl Plastic Vapor Barrier** *(07 13 53)*		
07 13 53 00-0028	CSF	4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints (Tu-Tuf #4)	39.39	12.56
07 13 54		**Thermoplastic Sheet Waterproofing** *(07 13)*		
07 13 54 00-0001		**Thermoplastic Sheet Waterproofing** *(07 13 54)*		
07 13 54 00-0002	SF	60 Mil Thermoplastic Active Polymer Core Membrane (Cetco Coreflex 60)	10.26	
07 13 54 00-0003	SF	Cortex Active Polymer Core Seperation Sheet (Cetco Coretex)	6.75	
07 13 54 00-0004	SF	Hardscape Walk Path Drain Board (Cetco Aquadrain 30HD)	2.32	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 54 00-0005	SF	Planted Area Drain Board (Cetco GS-300)	4.10	
07 13 54 00-0006	SF	Root Barrier (Cetco GS-120)	2.64	
07 13 54 00-0007	LF	Stainless Steel Termination Bar (Cetco)	4.58	

07 14 Fluid-Applied Waterproofing *(07 10)*

07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing *(07 14)*

07 14 13 00-0001 Hot Applied Rubberized Asphalt Waterproofing Coating *(07 14 13)*

07 14 13 00-0002	SF	90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface Note: Includes primer.	2.24
		For Application To Horizontal Surfaces, Deduct	*-0.19*
		For Reinforcing Fabric, Add	*0.51*
07 14 13 00-0003	SF	125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface Note: Includes primer.	2.66
		For Application To Horizontal Surfaces, Deduct	*-0.20*
		For Reinforcing Fabric, Add	*0.51*

07 14 16 Cold Fluid-Applied Waterproofing *(07 14)*

07 14 16 00-0001 Fluid Applied Rubber Based Polyurethane *(07 14 16)*

07 14 16 00-0002	SF	60 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing	3.77
		For Application To Horizontal Surfaces, Deduct	*-0.43*
07 14 16 00-0003	SF	90 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing	4.35
		For Application To Horizontal Surfaces, Deduct	*-0.46*
07 14 16 00-0004	SF	120 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing	4.97
		For Application To Horizontal Surfaces, Deduct	*-0.48*

07 14 16 00-0005 One Part Solution Of Chlorosulfonated Polyethylene Polymer *(07 14 16)*

07 14 16 00-0006	SF	15 Mil Finish Coat, 1 Part Solution, Chlorosulfonated Polyethylene (CSM) Polymer	2.53

07 14 16 00-0007 Copolymer Compound *(07 14 16)*

07 14 16 00-0008	SF	32 Mil, Fluid Elastomeric Copolymer Compound For Slabs	4.00

07 14 16 00-0009 Fluid Applied Neoprene *(07 14 16)*

07 14 16 00-0010	CSF	1/8" Fiberglass Reinforced, Fluid Applied Neoprene	474.85
		For Application To Horizontal Surfaces, Deduct	*-52.38*
07 14 16 00-0011	CSF	50 Mil, 4 Coats, Fluid Applied Neoprene	967.93
		For Application To Horizontal Surfaces, Deduct	*-102.76*
07 14 16 00-0012	CSF	90 Mil, 4 Coats, Fluid Applied Neoprene	1,592.81
		For Application To Horizontal Surfaces, Deduct	*-154.06*

07 14 16 00-0013 Moisture Barrier (Maxxon) *(07 14 16)*

07 14 16 00-0014	SF	Moisture Barrier Primer, Brush Application For Cut-ins (Maxxon MVP 13030) Note: Includes primer coat for moisture mitigation epoxy flooring. Excludes preparation of flooring	3.53
07 14 16 00-0015	SF	Moisture Barrier Primer, Roller Application (Maxxon MVP 13030) Note: Includes primer coat for moisture mitigation epoxy flooring. Excludes preparation of flooring	3.14
07 14 16 00-0016	SF	Two Part Epoxy Moisture Barrier, Brush Application For Cut-ins, First Coat (Maxxon MVP 13035) Note: Includes product mixing and application. Excludes preparation of flooring	1.38
07 14 16 00-0017	SF	Two Part Epoxy Moisture Barrier, Roller Application For First Coat (Maxxon MVP 13035) Note: Includes product mixing and application. Excludes preparation of flooring	0.99
07 14 16 00-0018	SF	Two Part Epoxy Moisture Barrier, Brush Application For Cut-ins, Second Coat (Maxxon MVP 13035) Note: Includes product mixing and application. Excludes preparation of flooring	1.90
07 14 16 00-0019	SF	Two Part Epoxy Moisture Barrier, Roller Application For Second Coat (Maxxon MVP 13035) Note: Includes product mixing and application. Excludes preparation of flooring	1.51

07 14 16 00-0020 Waterproofing (Sika) *(07 14 16)*

07 14 16 00-0021	SF	30 Mil Thick, Two-Component Polyurethane, Roller Grade Bitumen Modified Waterproofing, (Sika Sikagard®-7600 HG)	5.90

07 16 Cementitious and Reactive Waterproofing *(07 10)*

07 16 13 Polymer Modified Cement Waterproofing *(07 16)*

07 16 13 00-0001	SF	Polymer Modified Cementitious Waterproofing Assembly, 2 Coats Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.	4.58

07 16 16 Crystalline Waterproofing *(07 16)*

07 16 16 00-0001	SF	Crystalline Cementitious Waterproofing. 2 Coats (Xypex Concentrate)	6.06

07 16 19 Metal Oxide Waterproofing *(07 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 16 19 00-0001		**Metallic Oxide Waterproofing** *(07 16 19)* Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging.		
07 16 19 00-0002	CSF	Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller)	474.80	
		For Application To Horizontal Surfaces, Deduct	*-59.23*	

07 17 Bentonite Waterproofing *(07 10)*

07 17 13 Bentonite Panel Waterproofing *(07 17)*

07 17 13 00-0001	CSF	3/16" Bentonite Waterproofing Panels	456.38	118.01
		For Application To Horizontal Surfaces, Deduct	*-35.41*	
07 17 13 00-0002	CSF	1/4" Bentonite Waterproofing Panels	409.45	124.69
		For Application To Horizontal Surfaces, Deduct	*-38.32*	
07 17 13 00-0003	CSF	5/8" Bentonite Waterproofing Panels	581.74	130.03
		For Application To Horizontal Surfaces, Deduct	*-39.00*	
07 17 13 00-0004	CSF	3/8" Granular Bentonite, Troweled	467.98	108.15
		For Application To Horizontal Surfaces, Deduct	*-32.43*	

07 18 Traffic Coatings *(07 10)*

07 18 13 Pedestrian Traffic Coatings *(07 18)*

07 18 13 00-0001		**Elastomeric Plaza Deck System (Garland Dura-Walk®)** *(07 18 13)* Note: For pedestrian and vehicular traffic. Includes 10 year warranty. Exlucdes surface preparaion, deck crack repair, joint sealants or markings.	
07 18 13 00-0002	SQ	Porous Concrete Primer (Garland Dura-Walk® FC Primer Kit)	156.67
07 18 13 00-0003	SQ	32 mils, Base Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®)	463.86
07 18 13 00-0004	SQ	16 mils, Wear Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®)	263.72
07 18 13 00-0005	SQ	16 mils, Top Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®)	317.17
07 18 13 00-0006	LF	6" Wide, Poly Joint Tape (Garland Dura-Walk®)	1.47
07 18 13 00-0007		**Pedestrian Traffic Coating** *(07 18 13)* Note: Gaco Western	
07 18 13 00-0008	SF	GACOCRETE A-17, Acrylic Elastomeric Coating	2.83
07 18 13 00-0009	SF	Silicone Enhanced A-30, Acrylic Elastomeric Coating	2.39
		For >2,000, Deduct	*-0.30*
07 18 13 00-0010	SF	Quick Set A-31, Acrylic Elastomeric Coating	2.22
07 18 13 00-0011	SF	A-32, Acrylic Elastomeric Coating	2.50
		For >2,000, Deduct	*-0.34*
07 18 13 00-0012	SF	Liquid Seam Tape A-3611, Acrylic Elastomeric Coating	2.61
		For >2,000, Deduct	*-0.38*
07 18 13 00-0013	SF	A-38, Acrylic Elastomeric Coating	2.57
07 18 13 00-0014	SF	Acrylic Primer A-4121	1.72
07 18 13 00-0015	SF	Two Component Epoxy Emulsion Primer Filler E-5320	2.90
07 18 13 00-0016	SF	Two Component Epoxy Rust Inhibiting Primer E-5388	3.40
07 18 13 00-0017	SF	Two Component 100% Solids Primer E-5481	3.72
07 18 13 00-0018	SF	Hypalon Roof Coating H-25	3.44
07 18 13 00-0019	SF	Neoprene Adhesive N-1207	2.65
07 18 13 00-0020	SF	GACOSIL S-10 Silicone	2.94
		For >2,000, Deduct	*-0.50*
07 18 13 00-0021	SF	GACOSIL S-20 Silicone	3.02
		For >2,000, Deduct	*-0.53*
07 18 13 00-0022	SF	Urethane Primer/Sealer U-5677	1.87
07 18 13 00-0023	SF	Single Component Polyurethane Coating, Ure-Shield Aluminum U-6006	2.72
		For >2,000, Deduct	*-0.42*
07 18 13 00-0024	SF	Two Component Polyurethane Coating U-62	4.12
		For >2,000, Deduct	*-0.73*
07 18 13 00-0025	SF	Two Component Polyurethane Coating, Liquid Applied Polyurethane Rubber U-64	3.60
07 18 13 00-0026	SF	Two Component Polyurethane Coating U-66	4.06
07 18 13 00-0027	SF	Two Component Polyurethane Coating U-8730	3.77
07 18 13 00-0028	SF	Two Component Polyurethane Coating U-8782	3.72
07 18 13 00-0029	SF	Two Component Polyurethane Aliphatic Coating UA-60	4.65
07 18 13 00-0030	SF	Two Component Polyurethane Aliphatic Coating UA-7090	5.81
07 18 13 00-0031	SF	Two Component Polyurethane Base Coating UB-64	3.54
07 18 13 00-0032	SF	Two Component Polyurethane Base Coating UB-8380	3.48
07 18 13 00-0033	SF	Etching Detergent D-09	1.90
07 18 13 00-0034	LB	GacoShell Granules Additive To Coating	2.20
07 18 13 00-0035	LB	Quartz Granules Additive To Coating	1.98
07 18 13 00-0036	LF	4" Polyester Reinforcing Tape, 66-B	0.21
07 18 13 00-0037	LF	6" Polyester Reinforcing Tape, 66-B	0.26
07 18 13 00-0038	LF	4" Sontara Polyester Reinforcing Tape, 66-S	0.33
07 18 13 00-0039	LF	6" Sontara Polyester Reinforcing Tape, 66-S	0.46
07 18 13 00-0040	LF	2" Metal Roof Seam Sealing Tape, 66-MR	0.94
07 18 13 00-0041	LF	3" Metal Roof Seam Sealing Tape, 66-MR	1.47
07 18 13 00-0042	LF	4" Metal Roof Seam Sealing Tape, 66-MR	1.81
07 18 13 00-0043	LF	6" Metal Roof Seam Sealing Tape, 66-MR	2.60
07 18 13 00-0044	GAL	Polyurethane Coating Thinner T-5106	52.32
07 18 13 00-0045	GAL	Compliant Thinner T-5110	109.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 18 13 00-0046	GAL	Regular Thinner T-5112	30.52	
07 18 13 00-0047	GAL	Polyurethane Coating Thinner T-5116	39.24	
07 18 13 00-0048	GAL	Polyurethane Troweling Thinner T-5118	47.96	
07 18 13 00-0049	GAL	Compliant Thinner T-5125	52.32	
07 18 13 00-0050	GAL	Fast Polyurethane Coating Thinner T-5130	39.24	
07 18 13 00-0051	GAL	Silicone And U-62 Polyurethane Coating Thinner T-5135	39.24	

07 18 16 Vehicular Traffic Coatings *(07 18)*

07 18 16 00-0001 Preparation For Vehicular Traffic Coating *(07 18 16)*

See CSI section 03 01 30 71-0053 for crack repairs, 32 17 23 00-0000 for pavement markings.

07 18 16 00-0002	SF	Grinding Of Existing Concrete Floor Prior To Installation Of Deck Coating	1.00	
07 18 16 00-0003	SF	Shot Blasting Concrete Surface For Vehicular Traffic Coating	2.52	

07 18 16 00-0004 Vehicular Traffic Bearing Waterproofing System System (UPI) *(07 18 16)*

Note: Excludes deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0053 for crack repairs, 32 17 23 00-0000 for pavement markings.

07 18 16 00-0005	SF	Vehicular Traffic Bearing Waterproofing System Complete (UPI UREADEK 6700-VT) Note: Includes primer (UI-71 18), 32 mil base coat (UI-7013), 16 mil intermediate coat (UI-7016 AR), 16 mil top coat (UI-7016 AL), and non-slip texture finish. Excludes crack repair or caulking.	9.98	
		For second coat 16 mil intermediate coat (UI-7016 AR), Add	*1.88*	

07 18 16 00-0006 Vehicular Traffic Coating (Sika) *(07 18 16)*

Note: Excludes surface preparaion, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0053 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.

07 18 16 00-0007	SF	23 Mil Thick, Traffic Coating, Two-Component, Elastomeric Polyurethane Waterproofing, Concrete Coating With Primer (Sika Sikalastic® 720) Note: Excludes crack repair or caulking.	3.65	
07 18 16 00-0008	SF	12 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) Note: Excludes crack repair or caulking.	2.24	
07 18 16 00-0009	SF	14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) Note: Excludes crack repair or caulking.	2.38	
07 18 16 00-0010	SF	16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) Note: Excludes crack repair or caulking.	2.53	
07 18 16 00-0011	SF	18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) Note: Excludes crack repair or caulking.	2.67	
07 18 16 00-0012	SF	14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured) Note: Excludes crack repair or caulking.	2.58	
07 18 16 00-0013	SF	16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured) Note: Excludes crack repair or caulking.	2.81	
07 18 16 00-0014	SF	18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured) Note: Excludes crack repair or caulking.	3.05	

07 18 16 00-0015 Vehicular Traffic Bearing Waterproofing System System (Dex-O-Tex Auto-Dex V) *(07 18 16)*

Note: Excludes surface preparaion, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0053 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.

07 18 16 00-0016	SF	Vehicular Traffic Bearing Waterproofing System (Dex-O-Tex Auto-Dex V) Note: A. Troweled waterproof neoprene co-polymer composition vehicular traffic bearing waterproof surfacing system shall be Dex-O-Tex Auto-Dex V as manufactured by Crossfield Products Corp., in Rancho Dominguez, California and Roselle Park, New Jersey. B. The trowel applied waterproof neoprene co-polymer composition vehicular traffic bearing waterproof surfacing system shall be composed of a co-polymer bondcoat, neoprene waterproof membrane, and cementitious co-polymer traffic topping surfacing. 1.) All resin binders and all rubber emulsions shall be compounded with neoprene or polyacrylate co-polymer liquids and shall have a minimum polymer, neoprene, solids content of 35% when tested by the dry cup method. 2.) Aggregate for traffic surface coating shall be suitably graded, fine trap-rock passing a #20 mesh sieve and retained on a #40 mesh sieve. 3.) Fabric used as reinforcement for waterproof membrane shall be 7-1/2 oz. Woven polypropylene fabric.	13.75	

07 18 16 00-0017 Traffic Coating Repair (Sika) *(07 18 16)*

Note: Excludes surface preparaion, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0053 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.

07 18 16 00-0018	SF	5 +/- 1 mils (Dry Film Thickness per Coat), Two Component, High Solids, Liquid Applied Primer (Sika Sikalastic® Recoat Primer)	0.88	
07 18 16 00-0019	SF	Low-modulus, Low-viscosity, Epoxy Resin Primer (Sikadur® 21)	0.59	
07 18 16 00-0020	SF	Up To 1/2" Thick, Low-modulus, Low-viscosity, Epoxy Resin Mortar Binder (Sikadur® 21)	1.34	
07 18 16 00-0021	SF	Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Primer (Sikadur® 22)	0.79	
07 18 16 00-0022	SF	50 Mils, Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Binder (Sikadur® 22)	1.43	
07 18 16 00-0023	SF	Broadcast Sand Coating	0.24	
07 18 16 00-0024	SF	Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Top Coat (Sikadur® 22)	0.82	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 18 16 00-0025	SF	Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Traffic Overlay (Sikadur® 22)	3.78	

07 18 21 Traffic-Bearing Roof Deck Surfacing *(07 18)*

07 18 21 00-0001 Decking Coating System (Polycoat POLY-I-GARD® 575FC) *(07 18 21)*
Note: Excludes surface preparaion, deck crack repair or other joint sealants. See CSI section 07 18 16 00-0001 for surface preparaion.

07 18 21 00-0002	SF	4 Dry Mils, Epoxy Primer For Deck Coating System (Polycoat Polyprime® 21)	1.21	
07 18 21 00-0003	SF	24 ± 2 Dry Mils, Base For Deck Coating System (Polycoat PC-260)	3.50	
07 18 21 00-0004	SF	18 ± 2 Dry Mils, Topcoat For Deck Coating System (Polycoat Poly-I-Gard® 295)	3.28	
07 18 21 00-0005	SF	15 ± 2 Dry Mils, Topcoat For Deck Coating System (Polycoat Poly-I-Gard® 295) Note: Additional coat for ramps, turn radii, and other heavy traffic areas.	2.91	

07 18 21 00-0006 Weatherwear Roof Deck Coating System (Dex-O-Tex) *(07 18 21)*

07 18 21 00-0007	SF	Dex-O-Tex Weatherwear Promenade Roof Deck System Note: Includes mobilize and set up. Install Dex-O-Tex Weatherwear Promenade Roof Deck System per manufacturer's specifications and waterproof at drain locations. (Supply and installation of drains by others). Final clean up and demobilize.	35.56	
07 18 21 00-0008	LF	Dex-O-Tex 26G Bonderized 4" x 8" flashing Note: supply and install 26G Bonderized 4" x 8" flashing at deck to wall transitions per plans and specifications. (Flashing per detail A.1/3.)	15.67	
07 18 21 00-0009	SF	Dex-O-Tex G-26 Underlayment at 3" Average for Sloping Note: Includes mobilize and set up. Install Dex-O-Tex G-26 Cementitious Underlayment for sloping at 3" average per A.1/B. Clean up.	41.66	
07 18 21 00-0010	SF	Mechanically Prepare Surface For Underlayment Note: Mechanically prepare surface to create bonding profile per manufacturer specifications.	3.05	

07 19 Water Repellents *(07 10)*

07 19 13 Acrylic Sealer *(07 19)*

Note: Per coat.

07 19 13 00-0001	SF	Spray On Concrete, Acrylic Sealer	2.27	
07 19 13 00-0002	SF	Spray On Concrete Block/Brick, Acrylic Sealer	2.70	
07 19 13 00-0003	SF	Spray On Stone, Acrylic Sealer	2.97	

07 19 16 Silane Water Repellents *(07 19)*

07 19 16 00-0001 Silane Concrete Sealer *(07 19 16)*

07 19 16 00-0002	SF	Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.68	
07 19 16 00-0003	SF	Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	1.03	

07 19 16 00-0004 Silane/Siloxane Concrete Sealer *(07 19 16)*

07 19 16 00-0005	SF	Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) Note: 40% silane, alcohol based.	1.27	
07 19 16 00-0006	SF	Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) Note: 40% silane, alcohol based.	1.86	
07 19 16 00-0007	SF	Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB) Note: 200 SF/GAL	0.49	
07 19 16 00-0008	SF	Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB)	0.72	

07 20 Thermal Protection *(07)*

07 21 Thermal Insulation *(07 20)*

07 21 13 Board Insulation *(07 21)*

Note: Types are stock sizes, mastic applied.

07 21 13 13 Foam Board Insulation *(07 21 13)*

07 21 13 13-0001 Cold Adhesive Applied Foam Board Insulation *(07 21 13 13)*

07 21 13 13-0002 Cold Adhesive Applied, Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13-0001)*

07 21 13 13-0003	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	4.04	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0004	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	5.72	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0005	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	6.85	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0006	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	9.09	0.36
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0007		**Cold Adhesive Applied, Expanded Polystyrene, Foam Board Insulation** *(07 21 13 13-0001)*		
07 21 13 13-0008	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.68	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0009	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.77	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0010	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	2.04	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0011	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	2.31	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0012	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	3.40	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0013	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	4.48	0.36
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0014	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	5.58	0.37
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0015	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	6.66	0.38
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0016	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	7.75	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0017		**Cold Adhesive Applied, Extruded Polystyrene, Foam Board Insulation** *(07 21 13 13-0001)*		
		Note: 15 PSI compressive strength.		
07 21 13 13-0018	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	1.94	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.22*	
		For 40 PSI Compressive Strength, Add	*0.52*	
		For 60 PSI Compressive Strength, Add	*0.82*	
		For 115 PSI Compressive Strength, Add	*3.58*	
07 21 13 13-0019	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.29	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.28*	
		For 40 PSI Compressive Strength, Add	*0.65*	
		For 60 PSI Compressive Strength, Add	*1.03*	
		For 115 PSI Compressive Strength, Add	*4.48*	
07 21 13 13-0020	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.58	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.32*	
		For 40 PSI Compressive Strength, Add	*0.76*	
		For 60 PSI Compressive Strength, Add	*1.19*	
		For 115 PSI Compressive Strength, Add	*5.22*	
07 21 13 13-0021	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.70	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.34*	
		For 40 PSI Compressive Strength, Add	*0.81*	
		For 60 PSI Compressive Strength, Add	*1.26*	
		For 115 PSI Compressive Strength, Add	*5.53*	
07 21 13 13-0022	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	4.18	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.57*	
		For 40 PSI Compressive Strength, Add	*1.36*	
		For 60 PSI Compressive Strength, Add	*2.11*	
		For 115 PSI Compressive Strength, Add	*9.29*	
07 21 13 13-0023	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	5.66	0.36
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.81*	
		For 40 PSI Compressive Strength, Add	*1.92*	
		For 60 PSI Compressive Strength, Add	*2.96*	
		For 115 PSI Compressive Strength, Add	*13.06*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0024		SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	6.42	0.37
			For Horizontal Surface Application, Deduct	*-0.06*	
			For Vapor Barrier, Integral With Insulation, Add	*0.05*	
			For 25 PSI Compressive Strength, Add	*0.93*	
			For 40 PSI Compressive Strength, Add	*2.20*	
			For 60 PSI Compressive Strength, Add	*3.40*	
			For 115 PSI Compressive Strength, Add	*14.97*	
07 21 13 13-0025			Mechanically Fastened Foam Board Insulation *(07 21 13 13)*		
			Note: Mechanically fastened to wood or steel.		
07 21 13 13-0026			Mechanically Fastened, Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13-0025)*		
			Note: Mechanically fastened to wood or steel.		
07 21 13 13-0027		SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	3.83	0.35
			For Horizontal Surface Application, Deduct	*-0.07*	
			For Vapor Barrier, Integral With Insulation, Add	*0.05*	
			For Mechanically Fastened To Concrete, Add	*1.38*	
			For Mechanically Fastened To Gypsum, Add	*1.73*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.66*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 21 13 13-0028		SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	5.58	0.35
			For Horizontal Surface Application, Deduct	*-0.07*	
			For Vapor Barrier, Integral With Insulation, Add	*0.05*	
			For Mechanically Fastened To Concrete, Add	*1.42*	
			For Mechanically Fastened To Gypsum, Add	*1.69*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 21 13 13-0029		SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	6.71	0.35
			For Horizontal Surface Application, Deduct	*-0.07*	
			For Vapor Barrier, Integral With Insulation, Add	*0.05*	
			For Mechanically Fastened To Concrete, Add	*1.42*	
			For Mechanically Fastened To Gypsum, Add	*1.69*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.12*	
07 21 13 13-0030		SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	9.01	0.36
			For Horizontal Surface Application, Deduct	*-0.07*	
			For Vapor Barrier, Integral With Insulation, Add	*0.05*	
			For Mechanically Fastened To Concrete, Add	*1.46*	
			For Mechanically Fastened To Gypsum, Add	*1.75*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.21*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.31*	
07 21 13 13-0031			Mechanically Fastened, Expanded Polystyrene, Foam Board Insulation *(07 21 13 13-0025)*		
07 21 13 13-0032		SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.46	0.34
			For Horizontal Surface Application, Deduct	*-0.07*	
			For Vapor Barrier, Integral With Insulation, Add	*0.05*	
			For Mechanically Fastened To Concrete, Add	*1.38*	
			For Mechanically Fastened To Gypsum, Add	*1.73*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.66*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 21 13 13-0033		SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.55	0.34
			For Horizontal Surface Application, Deduct	*-0.07*	
			For Vapor Barrier, Integral With Insulation, Add	*0.05*	
			For Mechanically Fastened To Concrete, Add	*1.38*	
			For Mechanically Fastened To Gypsum, Add	*1.73*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.66*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0034	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.82	0.34
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.66*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 21 13 13-0035	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.10	0.35
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.66*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 21 13 13-0036	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	3.26	0.35
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.12*	
07 21 13 13-0037	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	4.42	0.36
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.31*	
07 21 13 13-0038	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	5.60	0.37
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.76*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.48*	
07 21 13 13-0039	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	6.82	0.38
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Gypsum, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*6.68*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.65*	
07 21 13 13-0040	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	8.40	0.39
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Gypsum, Add	*1.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.13*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.91*	

07 21 13 13-0041 Mechanically Fastened, Extruded Polystyrene, Foam Board Insulation *(07 21 13 13-0025)*

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0042	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	1.72	0.34
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.17*	
		For 40 PSI Compressive Strength, Add	*0.40*	
		For 60 PSI Compressive Strength, Add	*0.64*	
		For 115 PSI Compressive Strength, Add	*2.74*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.66*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 21 13 13-0043	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.07	0.34
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.22*	
		For 40 PSI Compressive Strength, Add	*0.53*	
		For 60 PSI Compressive Strength, Add	*0.84*	
		For 115 PSI Compressive Strength, Add	*3.64*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.66*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 21 13 13-0044	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.36	0.34
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.27*	
		For 40 PSI Compressive Strength, Add	*0.64*	
		For 60 PSI Compressive Strength, Add	*1.01*	
		For 115 PSI Compressive Strength, Add	*4.39*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.66*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 21 13 13-0045	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.49	0.35
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.29*	
		For 40 PSI Compressive Strength, Add	*0.68*	
		For 60 PSI Compressive Strength, Add	*1.08*	
		For 115 PSI Compressive Strength, Add	*4.70*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.66*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 21 13 13-0046	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	4.04	0.35
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.53*	
		For 40 PSI Compressive Strength, Add	*1.26*	
		For 60 PSI Compressive Strength, Add	*1.96*	
		For 115 PSI Compressive Strength, Add	*8.60*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0047	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	5.60	0.36
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.78*	
		For 40 PSI Compressive Strength, Add	*1.85*	
		For 60 PSI Compressive Strength, Add	*2.86*	
		For 115 PSI Compressive Strength, Add	*12.56*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.31*	
07 21 13 13-0048	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	6.45	0.37
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.91*	
		For 40 PSI Compressive Strength, Add	*2.17*	
		For 60 PSI Compressive Strength, Add	*3.34*	
		For 115 PSI Compressive Strength, Add	*14.72*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.76*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.48*	

07 21 13 16 Fibrous Board Insulation *(07 21 13)*

07 21 13 16-0001 Cold Adhesive Applied Fibrous Board Insulation *(07 21 13 16)*

07 21 13 16-0002 Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16-0001)*

07 21 13 16-0003	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	2.50	0.43
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0004	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	3.73	0.52
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0005	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	4.98	0.60
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 16-0006 Cold Adhesive Applied, Fiberglass, Fibrous Board Insulation *(07 21 13 16-0001)*

07 21 13 16-0007	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	4.68	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0008	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	5.35	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0009	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	6.64	0.36
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0010	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	7.68	0.36
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0011	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	8.71	0.36
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 16-0012 Mechanically Fastened Fibrous Board Insulation *(07 21 13 16)*

Note: Mechanically fastened to wood or steel.

07 21 13 16-0013 Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16-0012)*

Note: Mechanically fastened to wood or steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0014	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	2.16	0.43
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.66*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 21 13 16-0015	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	3.46	0.52
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.12*	
07 21 13 16-0016	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	4.77	0.60
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.31*	
07 21 13 16-0017		Mechanically Fastened, Fiberglass, Fibrous Board Insulation *(07 21 13 16-0012)*		
		Note: Mechanically fastened to wood or steel.		
07 21 13 16-0018	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	4.47	0.35
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.66*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 21 13 16-0019	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	5.21	0.35
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 21 13 16-0020	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	6.50	0.36
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0021	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	7.61	0.36
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.26*	
07 21 13 16-0022	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	8.64	0.36
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.31*	

07 21 13 19 Mineral Board Insulation *(07 21 13)*

07 21 13 19-0001 Cold Adhesive Applied Mineral Board Insulation *(07 21 13 19)*

07 21 13 19-0002 Cold Adhesive Applied, High-Density Fiberboard, Mineral Board Insulation
(07 21 13 19-0001)

07 21 13 19-0003	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	1.85	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0004	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.23	0.41
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0005	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.63	0.43
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0006	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	3.31	0.47
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0007	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	4.00	0.52
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0008	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	5.38	0.60
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 19-0009 Mechanically Fastened Mineral Board Insulation *(07 21 13 19)*
Note: Mechanically fastened to wood or steel.

07 21 13 19-0010 Mechanically Fastened, High-Density Fiberboard, Mineral Board Insulation
(07 21 13 19-0009)
Note: Mechanically fastened to wood or steel.

07 21 13 19-0011	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	1.52	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.66*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 21 13 19-0012	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	1.90	0.41
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.66*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 19-0013	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	2.30	0.43
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.66*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 21 13 19-0014	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	3.04	0.47
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 21 13 19-0015	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	3.73	0.52
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.12*	
07 21 13 19-0016	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	5.17	0.60
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.31*	

07 21 16 Blanket Insulation *(07 21)*

Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.

07 21 16 00-0001 Fiberglass Flexible Insulation *(07 21 16)*

Note: Rolls or batts.

07 21 16 00-0002 Kraft Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0003	SF	3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation	1.53	0.38
		For >1,600, Deduct	*-0.19*	
07 21 16 00-0004	SF	3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation	1.69	0.38
		For >1,600, Deduct	*-0.23*	
07 21 16 00-0005	SF	3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation	1.74	0.38
		For >1,600, Deduct	*-0.24*	
07 21 16 00-0006	SF	5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation	2.46	0.38
		For >1,600, Deduct	*-0.38*	
07 21 16 00-0007	SF	6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation	2.00	0.38
		For >1,600, Deduct	*-0.28*	
07 21 16 00-0008	SF	9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation	2.89	0.48
		For >1,600, Deduct	*-0.44*	
07 21 16 00-0009	SF	12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation	3.27	0.48
		For >1,600, Deduct	*-0.49*	

07 21 16 00-0010 Unfaced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0011	SF	3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation	1.43	0.38
		For >1,600, Deduct	*-0.17*	
07 21 16 00-0012	SF	3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation	1.61	0.38
		For >1,600, Deduct	*-0.21*	
07 21 16 00-0013	SF	3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation	2.29	0.38
		For >1,600, Deduct	*-0.35*	
07 21 16 00-0014	SF	5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation	2.35	0.38
		For >1,600, Deduct	*-0.35*	
07 21 16 00-0015	SF	6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation	1.92	0.38
		For >1,600, Deduct	*-0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 16 00-0016	SF	9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation	2.68	0.48
		For >1,600, Deduct	*-0.40*	
07 21 16 00-0017	SF	12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation	3.14	0.48
		For >1,600, Deduct	*-0.47*	
07 21 16 00-0018		**Foil Faced, Fiberglass Flexible Insulation** *(07 21 16 00-0001)*		
07 21 16 00-0019	SF	3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation	1.82	0.38
		For >1,600, Deduct	*-0.25*	
07 21 16 00-0020	SF	3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation	2.08	0.38
		For >1,600, Deduct	*-0.30*	
07 21 16 00-0021	SF	6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation	2.36	0.38
		For >1,600, Deduct	*-0.35*	
07 21 16 00-0022	SF	10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	3.42	0.48
		For >1,600, Deduct	*-0.53*	
07 21 16 00-0023	SF	12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	3.77	0.48
		For >1,600, Deduct	*-0.59*	
07 21 16 00-0024		**Poly-Encapsulated, Fiberglass Flexible Insulation** *(07 21 16 00-0001)*		
07 21 16 00-0025	SF	3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation	1.59	0.38
		For >1,600, Deduct	*-0.21*	
07 21 16 00-0026	SF	3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation	1.74	0.38
		For >1,600, Deduct	*-0.24*	
07 21 16 00-0027	SF	5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation	2.56	0.38
		For >1,600, Deduct	*-0.40*	
07 21 16 00-0028	SF	6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation	2.02	0.38
		For >1,600, Deduct	*-0.28*	
07 21 16 00-0029	SF	8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation	2.84	0.48
		For >1,600, Deduct	*-0.44*	
07 21 16 00-0030	SF	10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation	3.14	0.48
		For >1,600, Deduct	*-0.47*	
07 21 16 00-0031		**Mineral Wool Flexible Insulation** *(07 21 16)*		
07 21 16 00-0032		**Kraft Faced, Mineral Wool Flexible Insulation** *(07 21 16 00-0031)*		
07 21 16 00-0033	SF	3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation	1.77	0.38
		For >1,600, Deduct	*-0.24*	
07 21 16 00-0034	SF	6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation	2.48	0.38
		For >1,600, Deduct	*-0.37*	
07 21 16 00-0035	SF	9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation	4.06	0.38
		For >1,600, Deduct	*-0.67*	
07 21 16 00-0036	SF	12" Kraft Faced, R-38 Mineral Wool Flexible Insulation	4.87	0.38
		For >1,600, Deduct	*-0.81*	
07 21 16 00-0037		**Unfaced, Mineral Wool Flexible Insulation** *(07 21 16 00-0031)*		
07 21 16 00-0038	SF	3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation	1.62	0.38
		For >1,600, Deduct	*-0.21*	
07 21 16 00-0039	SF	6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation	2.23	0.38
		For >1,600, Deduct	*-0.32*	
07 21 16 00-0040	SF	9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation	3.59	0.38
		For >1,600, Deduct	*-0.58*	
07 21 16 00-0041	SF	12" Unfaced, R-38 Mineral Wool Flexible Insulation	4.30	0.38
		For >1,600, Deduct	*-0.70*	
07 21 16 00-0042		**Natural Cotton Insulation** *(07 21 16)*		
07 21 16 00-0043		**UltraTouch™ Natural Cotton Insulation** *(07 21 16 00-0042)*		
		Note: 85% recycled denim cotton.		
07 21 16 00-0044	SF	3-1/2", R-13 UltraTouch™ Natural Cotton Insulation	2.59	0.38
		For >1,600, Deduct	*-0.41*	
07 21 16 00-0045	SF	5-1/2", R-19 UltraTouch™ Natural Cotton Insulation	2.93	0.38
		For >1,600, Deduct	*-0.47*	
07 21 16 00-0046	SF	5-1/2", R-21 UltraTouch™ Natural Cotton Insulation	3.33	0.38
		For >1,600, Deduct	*-0.55*	
07 21 16 00-0047	SF	8", R-30 UltraTouch™ Natural Cotton Insulation	4.54	0.38
		For >1,600, Deduct	*-0.78*	
07 21 19		**Foamed-In-Place Insulation** *(07 21)*		
07 21 19 00-0001		**Polyurethane Foam Insulation, Sprayed On** *(07 21 19)*		
07 21 19 00-0002	EA	Foamed-In-Place, Spray Polyurethane Insulation Minimum Charge Note: For projects where the total foamed-in-place insulation charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	1,285.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 19 00-0003	SF	1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	1.36	
		For Up To 250 SF, Add	*0.50*	
		For >250 To 500 SF, Add	*0.25*	
		For >500 To 1,000 SF, Add	*0.11*	
		For >5,000 To 10,000 SF, Deduct	*-0.16*	
		For >10,000 SF, Deduct	*-0.40*	
07 21 19 00-0004	SF	1-1/2" Thick, R5.7, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	1.87	
		For Up To 250 SF, Add	*0.67*	
		For >250 To 500 SF, Add	*0.33*	
		For >500 To 1,000 SF, Add	*0.14*	
		For >5,000 To 10,000 SF, Deduct	*-0.21*	
		For >10,000 SF, Deduct	*-0.53*	
07 21 19 00-0005	SF	2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	2.35	
		For Up To 250 SF, Add	*0.82*	
		For >250 To 500 SF, Add	*0.41*	
		For >500 To 1,000 SF, Add	*0.18*	
		For >5,000 To 10,000 SF, Deduct	*-0.26*	
		For >10,000 SF, Deduct	*-0.65*	
07 21 19 00-0006	SF	2-1/2" Thick, R9.5, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	2.84	
		For Up To 250 SF, Add	*0.98*	
		For >250 To 500 SF, Add	*0.49*	
		For >500 To 1,000 SF, Add	*0.21*	
		For >5,000 To 10,000 SF, Deduct	*-0.32*	
		For >10,000 SF, Deduct	*-0.77*	
07 21 19 00-0007	SF	3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.34	
		For Up To 250 SF, Add	*1.14*	
		For >250 To 500 SF, Add	*0.57*	
		For >500 To 1,000 SF, Add	*0.25*	
		For >5,000 To 10,000 SF, Deduct	*-0.37*	
		For >10,000 SF, Deduct	*-0.89*	
07 21 19 00-0008	SF	3-1/2" Thick, R13.3, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.82	
		For Up To 250 SF, Add	*1.29*	
		For >250 To 500 SF, Add	*0.64*	
		For >500 To 1,000 SF, Add	*0.28*	
		For >5,000 To 10,000 SF, Deduct	*-0.42*	
		For >10,000 SF, Deduct	*-1.01*	
07 21 19 00-0009	SF	4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	4.31	
		For Up To 250 SF, Add	*1.44*	
		For >250 To 500 SF, Add	*0.72*	
		For >500 To 1,000 SF, Add	*0.31*	
		For >5,000 To 10,000 SF, Deduct	*-0.47*	
		For >10,000 SF, Deduct	*-1.13*	
07 21 19 00-0010	SF	4-1/2" Thick, R17.1, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	4.81	
		For Up To 250 SF, Add	*1.60*	
		For >250 To 500 SF, Add	*0.80*	
		For >500 To 1,000 SF, Add	*0.35*	
		For >5,000 To 10,000 SF, Deduct	*-0.52*	
		For >10,000 SF, Deduct	*-1.26*	
07 21 19 00-0011	SF	5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	5.29	
		For Up To 250 SF, Add	*1.76*	
		For >250 To 500 SF, Add	*0.88*	
		For >500 To 1,000 SF, Add	*0.38*	
		For >5,000 To 10,000 SF, Deduct	*-0.57*	
		For >10,000 SF, Deduct	*-1.38*	
07 21 19 00-0012	SF	5-1/2" Thick, R20.9, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	5.79	
		For Up To 250 SF, Add	*1.92*	
		For >250 To 500 SF, Add	*0.96*	
		For >500 To 1,000 SF, Add	*0.42*	
		For >5,000 To 10,000 SF, Deduct	*-0.62*	
		For >10,000 SF, Deduct	*-1.50*	
07 21 19 00-0013	SF	6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	6.28	
		For Up To 250 SF, Add	*2.08*	
		For >250 To 500 SF, Add	*1.04*	
		For >500 To 1,000 SF, Add	*0.45*	
		For >5,000 To 10,000 SF, Deduct	*-0.68*	
		For >10,000 SF, Deduct	*-1.62*	
07 21 19 00-0014	SF	1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	2.64	
		For Up To 250 SF, Add	*0.97*	
		For >250 To 500 SF, Add	*0.48*	
		For >500 To 1,000 SF, Add	*0.21*	
		For >5,000 To 10,000 SF, Deduct	*-0.31*	
		For >10,000 SF, Deduct	*-0.76*	
07 21 19 00-0015	SF	1-1/2" Thick, R9.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	3.53	
		For Up To 250 SF, Add	*1.23*	
		For >250 To 500 SF, Add	*0.62*	
		For >500 To 1,000 SF, Add	*0.26*	
		For >5,000 To 10,000 SF, Deduct	*-0.40*	
		For >10,000 SF, Deduct	*-0.97*	
07 21 19 00-0016	SF	2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	4.31	
		For Up To 250 SF, Add	*1.44*	
		For >250 To 500 SF, Add	*0.72*	
		For >500 To 1,000 SF, Add	*0.31*	
		For >5,000 To 10,000 SF, Deduct	*-0.47*	
		For >10,000 SF, Deduct	*-1.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 19 00-0017	SF	2-1/2" Thick, R16.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	5.19	
		For Up To 250 SF, Add	*1.71*	
		For >250 To 500 SF, Add	*0.85*	
		For >500 To 1,000 SF, Add	*0.37*	
		For >5,000 To 10,000 SF, Deduct	*-0.56*	
		For >10,000 SF, Deduct	*-1.34*	
07 21 19 00-0018	SF	3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	5.98	
		For Up To 250 SF, Add	*1.93*	
		For >250 To 500 SF, Add	*0.96*	
		For >500 To 1,000 SF, Add	*0.42*	
		For >5,000 To 10,000 SF, Deduct	*-0.63*	
		For >10,000 SF, Deduct	*-1.50*	
07 21 19 00-0019	SF	3-1/2" Thick, R22.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	6.88	
		For Up To 250 SF, Add	*2.20*	
		For >250 To 500 SF, Add	*1.10*	
		For >500 To 1,000 SF, Add	*0.48*	
		For >5,000 To 10,000 SF, Deduct	*-0.72*	
		For >10,000 SF, Deduct	*-1.71*	
07 21 19 00-0020	SF	4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	7.66	
		For Up To 250 SF, Add	*2.41*	
		For >250 To 500 SF, Add	*1.20*	
		For >500 To 1,000 SF, Add	*0.53*	
		For >5,000 To 10,000 SF, Deduct	*-0.79*	
		For >10,000 SF, Deduct	*-1.88*	
07 21 19 00-0021	SF	4-1/2" Thick, R29.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	8.54	
		For Up To 250 SF, Add	*2.67*	
		For >250 To 500 SF, Add	*1.34*	
		For >500 To 1,000 SF, Add	*0.59*	
		For >5,000 To 10,000 SF, Deduct	*-0.88*	
		For >10,000 SF, Deduct	*-2.08*	
07 21 19 00-0022	SF	5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	9.32	
		For Up To 250 SF, Add	*2.88*	
		For >250 To 500 SF, Add	*1.44*	
		For >500 To 1,000 SF, Add	*0.64*	
		For >5,000 To 10,000 SF, Deduct	*-0.95*	
		For >10,000 SF, Deduct	*-2.25*	
07 21 19 00-0023	SF	5-1/2" Thick, R35.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	10.21	
		For Up To 250 SF, Add	*3.15*	
		For >250 To 500 SF, Add	*1.57*	
		For >500 To 1,000 SF, Add	*0.70*	
		For >5,000 To 10,000 SF, Deduct	*-1.04*	
		For >10,000 SF, Deduct	*-2.45*	
07 21 19 00-0024	SF	6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	11.00	
		For Up To 250 SF, Add	*3.37*	
		For >250 To 500 SF, Add	*1.68*	
		For >500 To 1,000 SF, Add	*0.74*	
		For >5,000 To 10,000 SF, Deduct	*-1.12*	
		For >10,000 SF, Deduct	*-2.62*	
07 21 19 00-0025		Expanding Foam Insulation To Fill Hollow Metal Door Frames *(07 21 19)*		
07 21 19 00-0026	LF	Expanding Foam Insulation To Fill 4-3/4" Deep Hollow Metal Door Frame	4.22	
07 21 19 00-0027	LF	Expanding Foam Insulation To Fill 5-3/4" Deep Hollow Metal Door Frame	5.27	
07 21 19 00-0028	LF	Expanding Foam Insulation To Fill 6-3/4" Deep Hollow Metal Door Frame	6.33	
07 21 19 00-0029	LF	Expanding Foam Insulation To Fill 6-3/4" Through 8-3/4" Deep Hollow Metal Door Frame	7.42	
07 21 19 00-0030	LF	Expanding Foam Insulation To Fill 8-7/8" Through 13" Deep Hollow Metal Door Frame	8.61	
07 21 19 00-0031		Expanding Foam Insulation To Fill Window Frames *(07 21 19)*		
07 21 19 00-0032	LF	Expanding Foam Insulation To Fill Window Frame	4.12	
07 21 23		**Loose-Fill Insulation** *(07 21)*		
07 21 23 00-0001		Poured Type, Loose Fill Insulation *(07 21 23)*		
07 21 23 00-0002	CF	R-4/Inch, Poured Type, Fiberglass Loose Fill Insulation	5.82	2.21
07 21 23 00-0003	CF	R-3.8/Inch, Poured Type, Cellulose Loose Fill Insulation	6.08	2.21
07 21 23 00-0004		Concrete Block Wall Cavity Insulation *(07 21 23)*		
07 21 23 00-0005	CF	R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation	9.90	2.21
07 21 23 00-0006	CF	R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation	9.79	2.21
07 21 26		**Blown Insulation** *(07 21)*		
07 21 26 00-0001		Fiberglass Blown-In Insulation *(07 21 26)*		
07 21 26 00-0002		Attic, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
07 21 26 00-0003	SF	4-1/2" Thick, R-11 Attic, Fiberglass Blown In Insulation	1.32	1.05
07 21 26 00-0004	SF	5-1/4" Thick, R-13 Attic, Fiberglass Blown In Insulation	1.47	1.15
07 21 26 00-0005	SF	6-1/2" Thick, R-17 Attic, Fiberglass Blown In Insulation	1.63	1.25
07 21 26 00-0006	SF	7-1/2" Thick, R-19 Attic, Fiberglass Blown In Insulation	1.83	1.36
07 21 26 00-0007	SF	8-1/2" Thick, R-22 Attic, Fiberglass Blown In Insulation	1.95	1.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 26 00-0008	SF	10-1/4" Thick, R-26 Attic, Fiberglass Blown In Insulation	2.12	1.47
07 21 26 00-0009	SF	11-1/2" Thick, R-30 Attic, Fiberglass Blown In Insulation	2.28	1.52
07 21 26 00-0010	SF	12-1/2" Thick, R-32 Attic, Fiberglass Blown In Insulation	2.39	1.57
07 21 26 00-0011	SF	13-1/2" Thick, R-35 Attic, Fiberglass Blown In Insulation	2.56	1.67
07 21 26 00-0012	SF	14-1/2" Thick, R-38 Attic, Fiberglass Blown In Insulation	2.71	1.73
07 21 26 00-0013	SF	16-1/2" Thick, R-44 Attic, Fiberglass Blown In Insulation	2.92	1.78
07 21 26 00-0014	SF	18-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation	3.17	1.88
07 21 26 00-0015	SF	21-3/4" Thick, R-60 Attic, Fiberglass Blown In Insulation	3.69	2.10
07 21 26 00-0016		New Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
07 21 26 00-0017	SF	3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation	2.03	1.05
07 21 26 00-0018	SF	5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation	2.69	1.25
07 21 26 00-0019	SF	7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation	3.20	1.36
07 21 26 00-0020	SF	9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation	3.81	1.47
07 21 26 00-0021		Existing Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
		Note: Includes drilling. Excludes patching.		
07 21 26 00-0022	SF	3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation	1.88	1.05
07 21 26 00-0023	SF	5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation	2.54	1.25
07 21 26 00-0024	SF	7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation	3.05	1.36
07 21 26 00-0025	SF	9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation	3.66	1.47
07 21 26 00-0026		Cellulose Blown-In Insulation *(07 21 26)*		
07 21 26 00-0027		Attic, Cellulose Blown-In Insulation *(07 21 26 00-0026)*		
07 21 26 00-0028	SF	3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation	1.36	1.05
07 21 26 00-0029	SF	5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation	1.63	1.15
07 21 26 00-0030	SF	6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation	1.81	1.25
07 21 26 00-0031	SF	7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation	2.11	1.36
07 21 26 00-0032	SF	8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation	2.15	1.36
07 21 26 00-0033	SF	10-3/4" Thick, R-38 Attic, Cellulose Blown In Insulation	2.51	1.47
07 21 26 00-0034	SF	11-1/4" Thick, R-40 Attic, Cellulose Blown In Insulation	2.57	1.47
07 21 26 00-0035	SF	12-1/2" Thick, R-45 Attic, Cellulose Blown In Insulation	2.81	1.57
07 21 26 00-0036	SF	13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation	2.99	1.57
07 21 26 00-0037	SF	15-1/2" Thick, R-55 Attic, Cellulose Blown In Insulation	3.23	1.67
07 21 26 00-0038	SF	16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation	3.39	1.67
07 21 26 00-0039		New Wall, Cellulose Blown-In Insulation *(07 21 26 00-0026)*		
07 21 26 00-0040	SF	3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation	1.87	1.05
07 21 26 00-0041	SF	5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation	2.45	1.25
07 21 26 00-0042	SF	7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation	2.87	1.36
07 21 26 00-0043	SF	9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation	3.38	1.47
07 21 26 00-0044		Existing Wall, Cellulose Blown-In Insulation *(07 21 26 00-0026)*		
		Note: Includes drilling. Excludes patching.		
07 21 26 00-0045	SF	3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation	1.71	1.05
07 21 26 00-0046	SF	5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation	2.30	1.25
07 21 26 00-0047	SF	7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation	2.72	1.36
07 21 26 00-0048	SF	9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation	3.23	1.47
07 21 29		**Sprayed Insulation** *(07 21)*		
07 21 29 00-0001		Fiber Sprayed On Insulation *(07 21 29)*		
		Note: Per each 1" of thickness.		
07 21 29 00-0002	SF	1" Thick, R2.7, Spray-on Perlite Insulation	2.70	0.68
07 21 29 00-0003	SF	1" Thick, R3.7, Spray-on Fibrous/Cementitious Insulation	1.95	0.68
07 21 29 00-0004		Cellulose Sprayed On Insulation *(07 21 29)*		
07 21 29 00-0005	SF	1" Thick, Spray-on Cellulose Insulation	4.08	0.68
07 21 53		**Reflective Insulation** *(07 21)*		
07 21 53 00-0001		Reflective Barrier Insulation (Foil - Single Bubble - Foil) *(07 21 53)*		
07 21 53 00-0002	SF	3/16" Nominal Thickness, Reflective Barrier Insulation, With Single Bubble Air Space	1.02	
07 21 53 00-0003		Reflective Radiant Foil Backed Paper *(07 21 53)*		
07 21 53 00-0004	CSF	Reflective Radiant Foil Backed Kraft Paper With Tape	65.94	21.21
		For >15' To 20' Installed Height, Add	*4.23*	
		For >20' To 25' Installed Height, Add	*6.35*	
		For >25' To 30' Installed Height, Add	*10.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 22 Roof and Deck Insulation *(07 20)*

07 22 16 Roof Board Insulation *(07 22)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.

07 22 16 00-0001 Rigid Board Roofing Insulation *(07 22 16)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. See CSI section 07 22 16 00-0466 for demolition of insulation board.

07 22 16 00-0002 Cold Adhesive Applied Rigid Board Roofing Insulation *(07 22 16 00-0001)*

07 22 16 00-0003 Cold Adhesive Applied, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0002)*

07 22 16 00-0004	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.30
07 22 16 00-0005	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.73
07 22 16 00-0006	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.14
07 22 16 00-0007	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.87
07 22 16 00-0008	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	4.61

07 22 16 00-0009 Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0002)*

07 22 16 00-0010	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	2.49
07 22 16 00-0011	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	3.01

07 22 16 00-0012 Cold Adhesive Applied, Perlite, Roof Board Insulation *(07 22 16 00-0002)*

07 22 16 00-0013	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.27
07 22 16 00-0014	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.27
07 22 16 00-0015	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.52
07 22 16 00-0016	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.82
07 22 16 00-0017	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Cold Adhesive Applied	3.54
07 22 16 00-0018	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Cold Adhesive Applied	4.02

07 22 16 00-0019 Cold Adhesive Applied, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0002)*

07 22 16 00-0020	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	3.21
07 22 16 00-0021	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	4.38
07 22 16 00-0022	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	5.75

07 22 16 00-0023 Cold Adhesive Applied, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0002)*

07 22 16 00-0024	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	6.13
07 22 16 00-0025	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	7.27
07 22 16 00-0026	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	9.52
07 22 16 00-0027	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	12.01

07 22 16 00-0028 Cold Adhesive Applied, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0002)*

07 22 16 00-0029	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.07
		For Loose-Laid, Deduct	*-1.13*
07 22 16 00-0030	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.16
		For Loose-Laid, Deduct	*-1.13*
07 22 16 00-0031	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.43
		For Loose-Laid, Deduct	*-1.13*
07 22 16 00-0032	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.71
		For Loose-Laid, Deduct	*-1.14*
07 22 16 00-0033	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	3.80
		For Loose-Laid, Deduct	*-1.15*
07 22 16 00-0034	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	4.90
		For Loose-Laid, Deduct	*-1.16*
07 22 16 00-0035	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	6.00
		For Loose-Laid, Deduct	*-1.17*
07 22 16 00-0036	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	7.09
		For Loose-Laid, Deduct	*-1.18*
07 22 16 00-0037	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	8.19
		For Loose-Laid, Deduct	*-1.20*

07 22 16 00-0038 Cold Adhesive Applied, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0002)*

Note: 15 PSI compressive strength.

07 22 16 00-0039	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	2.99
		For Loose-Laid, Deduct	*-1.14*
		For 25 PSI Compressive Strength, Add	*0.32*
		For 40 PSI Compressive Strength, Add	*0.76*
		For 60 PSI Compressive Strength, Add	*1.21*
		For 115 PSI Compressive Strength, Add	*5.26*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0040	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.11	
		For Loose-Laid, Deduct	*-1.14*	
		For 25 PSI Compressive Strength, Add	*0.34*	
		For 40 PSI Compressive Strength, Add	*0.81*	
		For 60 PSI Compressive Strength, Add	*1.28*	
		For 115 PSI Compressive Strength, Add	*5.57*	
07 22 16 00-0041	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.90	
		For Loose-Laid, Deduct	*-1.14*	
		For 25 PSI Compressive Strength, Add	*0.47*	
		For 40 PSI Compressive Strength, Add	*1.11*	
		For 60 PSI Compressive Strength, Add	*1.74*	
		For 100 PSI Compressive Strength, Add	*2.24*	
		For 115 PSI Compressive Strength, Add	*7.60*	
07 22 16 00-0042	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	4.60	
		For Loose-Laid, Deduct	*-1.16*	
		For 25 PSI Compressive Strength, Add	*0.57*	
		For 40 PSI Compressive Strength, Add	*1.36*	
		For 60 PSI Compressive Strength, Add	*2.13*	
		For 115 PSI Compressive Strength, Add	*9.33*	
07 22 16 00-0043	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	5.42	
		For Loose-Laid, Deduct	*-1.16*	
		For 25 PSI Compressive Strength, Add	*0.71*	
		For 40 PSI Compressive Strength, Add	*1.68*	
		For 60 PSI Compressive Strength, Add	*2.61*	
		For 100 PSI Compressive Strength, Add	*3.36*	
		For 115 PSI Compressive Strength, Add	*11.43*	
07 22 16 00-0044	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	6.09	
		For Loose-Laid, Deduct	*-1.17*	
		For 25 PSI Compressive Strength, Add	*0.81*	
		For 40 PSI Compressive Strength, Add	*1.92*	
		For 60 PSI Compressive Strength, Add	*2.99*	
		For 115 PSI Compressive Strength, Add	*13.11*	
07 22 16 00-0045	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	6.86	
		For Loose-Laid, Deduct	*-1.18*	
		For 25 PSI Compressive Strength, Add	*0.93*	
		For 40 PSI Compressive Strength, Add	*2.20*	
		For 60 PSI Compressive Strength, Add	*3.42*	
		For 115 PSI Compressive Strength, Add	*15.01*	

07 22 16 00-0046 Cold Adhesive Applied, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0002)*

07 22 16 00-0047	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.67	
		For Loose-Laid, Deduct	*-1.14*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.17*	
07 22 16 00-0048	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.77	
		For Loose-Laid, Deduct	*-1.14*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.18*	
07 22 16 00-0049	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.93	
		For Loose-Laid, Deduct	*-1.15*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.19*	
07 22 16 00-0050	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.37	
		For Loose-Laid, Deduct	*-1.16*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.24*	
07 22 16 00-0051	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.81	
		For Loose-Laid, Deduct	*-1.16*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.28*	
07 22 16 00-0052	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	4.24	
		For Loose-Laid, Deduct	*-1.17*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.32*	
07 22 16 00-0053	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	4.71	
		For Loose-Laid, Deduct	*-1.17*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.37*	
07 22 16 00-0054	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	5.14	
		For Loose-Laid, Deduct	*-1.18*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.41*	

07 22 16 00-0055 Cold Adhesive Applied, High-Density Polyisocyanurate Cover Board And Roofing Insulation *(07 22 16 00-0002)*

07 22 16 00-0056	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Cold Adhesive Applied	3.01	

07 22 16 00-0057 Cold Adhesive Applied, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0002)*

07 22 16 00-0058	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.84	
07 22 16 00-0059	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.02	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0060	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.14	
07 22 16 00-0061	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.21	
07 22 16 00-0062		Cold Adhesive Applied, Glass-Mat, Roof Board Insulation (USG Securock) *(07 22 16 00-0002)*		
07 22 16 00-0063	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	2.78	
07 22 16 00-0064	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.05	
07 22 16 00-0065	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.11	
07 22 16 00-0066		Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation *(07 22 16 00-0002)*		
		Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.		
07 22 16 00-0067	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.89	
07 22 16 00-0068	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.13	
07 22 16 00-0069	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.48	
07 22 16 00-0070	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.69	
07 22 16 00-0071	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.19	
07 22 16 00-0072	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.41	
07 22 16 00-0073	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.73	
07 22 16 00-0074		Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation *(07 22 16 00-0002)*		
		Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.		
07 22 16 00-0075	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.93	
07 22 16 00-0076	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.38	
07 22 16 00-0077	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.91	
07 22 16 00-0078	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.25	
07 22 16 00-0079	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.70	
07 22 16 00-0080	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.18	
07 22 16 00-0081	SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	8.03	
07 22 16 00-0082		Hot-Mopped Rigid Board Roofing Insulation *(07 22 16 00-0001)*		
07 22 16 00-0083		Hot-Mopped, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0084	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.05	
07 22 16 00-0085	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.46	
07 22 16 00-0086	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.88	
07 22 16 00-0087	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	3.62	
07 22 16 00-0088	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	4.38	
07 22 16 00-0089		Hot-Mopped, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0090	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.23	
07 22 16 00-0091	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.75	
07 22 16 00-0092		Hot-Mopped, Perlite, Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0093	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Hot-Mopped	1.99	
07 22 16 00-0094	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Hot-Mopped	2.23	
07 22 16 00-0095	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Hot-Mopped	2.54	
07 22 16 00-0096	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Hot-Mopped	3.26	
07 22 16 00-0097	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Hot-Mopped	3.73	
07 22 16 00-0098		Hot-Mopped, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0099	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	2.94	
07 22 16 00-0100	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	4.09	
07 22 16 00-0101	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	5.50	
07 22 16 00-0102		Hot-Mopped, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0103	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	5.86	
07 22 16 00-0104	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	6.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0105	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	9.26	
07 22 16 00-0106	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	11.75	
07 22 16 00-0107		Hot-Mopped, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0108	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.78	
07 22 16 00-0109	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.87	
07 22 16 00-0110	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.05	
07 22 16 00-0111	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.41	
07 22 16 00-0112	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	3.52	
07 22 16 00-0113	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	4.63	
07 22 16 00-0114	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	5.72	
07 22 16 00-0115	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	6.82	
07 22 16 00-0116	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	7.92	
07 22 16 00-0117		Hot-Mopped, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0082)*		
		Note: 15 PSI compressive strength.		
07 22 16 00-0118	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.70	
		For 25 PSI Compressive Strength, Add	*0.26*	
		For 40 PSI Compressive Strength, Add	*0.62*	
		For 60 PSI Compressive Strength, Add	*1.00*	
		For 115 PSI Compressive Strength, Add	*4.30*	
07 22 16 00-0119	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.83	
		For 25 PSI Compressive Strength, Add	*0.28*	
		For 40 PSI Compressive Strength, Add	*0.67*	
		For 60 PSI Compressive Strength, Add	*1.07*	
		For 115 PSI Compressive Strength, Add	*4.61*	
07 22 16 00-0120	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	3.62	
		For 25 PSI Compressive Strength, Add	*0.41*	
		For 40 PSI Compressive Strength, Add	*0.97*	
		For 60 PSI Compressive Strength, Add	*1.53*	
		For 100 PSI Compressive Strength, Add	*1.96*	
		For 115 PSI Compressive Strength, Add	*6.64*	
07 22 16 00-0121	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	4.44	
		For 25 PSI Compressive Strength, Add	*0.52*	
		For 40 PSI Compressive Strength, Add	*1.22*	
		For 60 PSI Compressive Strength, Add	*1.93*	
		For 115 PSI Compressive Strength, Add	*8.40*	
07 22 16 00-0122	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	15.11	
		For 25 PSI Compressive Strength, Add	*0.65*	
		For 40 PSI Compressive Strength, Add	*1.54*	
		For 60 PSI Compressive Strength, Add	*2.90*	
		For 100 PSI Compressive Strength, Add	*3.58*	
		For 115 PSI Compressive Strength, Add	*11.49*	
07 22 16 00-0123	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	5.84	
		For 25 PSI Compressive Strength, Add	*0.75*	
		For 40 PSI Compressive Strength, Add	*1.78*	
		For 60 PSI Compressive Strength, Add	*2.78*	
		For 115 PSI Compressive Strength, Add	*12.17*	
07 22 16 00-0124	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	6.59	
		For 25 PSI Compressive Strength, Add	*0.87*	
		For 40 PSI Compressive Strength, Add	*2.06*	
		For 60 PSI Compressive Strength, Add	*3.20*	
		For 115 PSI Compressive Strength, Add	*14.05*	
07 22 16 00-0125		Hot-Mopped, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0082)*		
07 22 16 00-0126	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.38	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.13*	
07 22 16 00-0127	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.49	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.14*	
07 22 16 00-0128	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.65	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.16*	
07 22 16 00-0129	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.08	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.20*	
07 22 16 00-0130	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.54	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.24*	
07 22 16 00-0131	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.98	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.28*	
07 22 16 00-0132	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	4.34	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.33*	
07 22 16 00-0133	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	4.87	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.37*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0134		Hot-Mopped, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0082)*		
07 22 16 00-0135	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.58	
07 22 16 00-0136	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.76	
07 22 16 00-0137	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.88	
07 22 16 00-0138	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.95	
07 22 16 00-0139		Hot-Mopped, Glass-Mat, Roof Board Insulation (USG Securock) *(07 22 16 00-0082)*		
07 22 16 00-0140	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.52	
07 22 16 00-0141	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.79	
07 22 16 00-0142	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.86	
07 22 16 00-0143		Mechanically Fastened Rigid Board Roofing Insulation *(07 22 16 00-0001)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0144		Mechanically Fastened, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0145	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	1.97	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.91*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0146	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	2.40	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.10*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0147	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	2.81	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.96*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0148	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	3.60	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0149	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	4.34	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.12*	
07 22 16 00-0150		Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0151	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	2.16	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.96*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0152		SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	2.67	
			For Mechanically Fastened To Concrete, Add	*1.38*	
			For Mechanically Fastened To Gypsum, Add	*1.73*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.96*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0153			Mechanically Fastened, Perlite, Roof Board Insulation *(07 22 16 00-0143)*		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0154		SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Mechanically Fastened	1.94	
			For Mechanically Fastened To Concrete, Add	*1.38*	
			For Mechanically Fastened To Gypsum, Add	*1.73*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.03*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.87*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0155		SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Mechanically Fastened	2.19	
			For Mechanically Fastened To Concrete, Add	*1.38*	
			For Mechanically Fastened To Gypsum, Add	*1.73*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.03*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.87*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0156		SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Mechanically Fastened	2.49	
			For Mechanically Fastened To Concrete, Add	*1.38*	
			For Mechanically Fastened To Gypsum, Add	*1.73*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.03*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.87*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0157		SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Mechanically Fastened	3.27	
			For Mechanically Fastened To Concrete, Add	*1.42*	
			For Mechanically Fastened To Gypsum, Add	*1.73*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0158		SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Mechanically Fastened	3.75	
			For Mechanically Fastened To Concrete, Add	*1.42*	
			For Mechanically Fastened To Gypsum, Add	*1.69*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.12*	
07 22 16 00-0159			Mechanically Fastened, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0143)*		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0160		SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	2.88	
			For Mechanically Fastened To Concrete, Add	*1.38*	
			For Mechanically Fastened To Gypsum, Add	*1.73*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.03*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.87*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0161		SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	4.11	
			For Mechanically Fastened To Concrete, Add	*1.42*	
			For Mechanically Fastened To Gypsum, Add	*1.69*	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.12*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0162	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	5.55	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.22*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.31*	
07 22 16 00-0163		Mechanically Fastened, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0164	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	5.86	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0165	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	7.00	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.12*	
07 22 16 00-0166	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	9.31	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.22*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.31*	
07 22 16 00-0167	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	11.90	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.75*	
07 22 16 00-0168		Mechanically Fastened, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0169	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	1.74	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0170	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	1.83	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0171	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.10	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0172	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.38	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0173	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	3.53	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.12*	
07 22 16 00-0174	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	4.70	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.22*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.31*	
07 22 16 00-0175	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	5.89	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.76*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.48*	
07 22 16 00-0176	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	7.11	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.00*	
07 22 16 00-0177	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	8.87	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Gypsum, Add	*1.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.13*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.27*	

07 22 16 00-0178 Mechanically Fastened, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0143)*

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

07 22 16 00-0179	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	2.66	
		For 25 PSI Compressive Strength, Add	*0.27*	
		For 40 PSI Compressive Strength, Add	*0.64*	
		For 60 PSI Compressive Strength, Add	*1.02*	
		For 115 PSI Compressive Strength, Add	*4.42*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0180	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	2.78	
		For 25 PSI Compressive Strength, Add	*0.29*	
		For 40 PSI Compressive Strength, Add	*0.68*	
		For 60 PSI Compressive Strength, Add	*1.09*	
		For 115 PSI Compressive Strength, Add	*4.72*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0181	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	3.63	
		For 25 PSI Compressive Strength, Add	*0.42*	
		For 40 PSI Compressive Strength, Add	*1.01*	
		For 60 PSI Compressive Strength, Add	*1.59*	
		For 100 PSI Compressive Strength, Add	*2.04*	
		For 115 PSI Compressive Strength, Add	*6.91*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0182	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	4.33	
		For 25 PSI Compressive Strength, Add	*0.53*	
		For 40 PSI Compressive Strength, Add	*1.26*	
		For 60 PSI Compressive Strength, Add	*1.98*	
		For 115 PSI Compressive Strength, Add	*8.63*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.12*	
07 22 16 00-0183	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	5.21	
		For 25 PSI Compressive Strength, Add	*0.67*	
		For 40 PSI Compressive Strength, Add	*1.60*	
		For 60 PSI Compressive Strength, Add	*2.49*	
		For 100 PSI Compressive Strength, Add	*3.20*	
		For 115 PSI Compressive Strength, Add	*10.90*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.21*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.26*	
07 22 16 00-0184	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	5.89	
		For 25 PSI Compressive Strength, Add	*0.78*	
		For 40 PSI Compressive Strength, Add	*1.85*	
		For 60 PSI Compressive Strength, Add	*2.87*	
		For 115 PSI Compressive Strength, Add	*12.59*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.22*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.31*	
07 22 16 00-0185	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	6.76	
		For 25 PSI Compressive Strength, Add	*0.91*	
		For 40 PSI Compressive Strength, Add	*2.17*	
		For 60 PSI Compressive Strength, Add	*3.36*	
		For 115 PSI Compressive Strength, Add	*14.76*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.76*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.48*	

07 22 16 00-0186 Mechanically Fastened, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0187	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.34	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.14*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0188	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.44	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.15*	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0189	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.66	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0190	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.10	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.21*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Gypsum, Add	*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.12*	
07 22 16 00-0191	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.60	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.26*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.22*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.26*	
07 22 16 00-0192	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.03	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.30*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.22*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.31*	
07 22 16 00-0193	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.61	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.36*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.75*	
07 22 16 00-0194	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	5.04	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.40*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.76*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.48*	

07 22 16 00-0195 Mechanically Fastened, High-Density Polyisocyanurate Cover Board And Roofing Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0196	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Mechanically Fastened	2.68	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.91*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0197		Mechanically Fastened, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0198	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.51	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.91*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0199	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.69	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.91*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0200	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.81	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.91*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0201	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.87	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.91*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0202		Mechanically Fastened, Glass-Mat, Roof Board Insulation (USG Securock) *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0203	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	2.45	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.91*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0204	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	2.72	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.91*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0205	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	2.78	
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.91*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0206		Mechanically Fastened, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation *(07 22 16 00-0143)*			
		Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.			
07 22 16 00-0207	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened		4.62	
		For Mechanically Fastened To Concrete, Add		*1.42*	
		For Mechanically Fastened To Gypsum, Add		*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add		*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*2.72*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add		*3.12*	
07 22 16 00-0208	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened		4.86	
		For Mechanically Fastened To Concrete, Add		*1.42*	
		For Mechanically Fastened To Gypsum, Add		*1.69*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*1.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add		*2.08*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*2.72*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add		*3.12*	
07 22 16 00-0209	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened		5.27	
		For Mechanically Fastened To Concrete, Add		*1.46*	
		For Mechanically Fastened To Gypsum, Add		*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.42*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add		*2.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*3.38*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add		*3.26*	
07 22 16 00-0210	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened		5.48	
		For Mechanically Fastened To Concrete, Add		*1.46*	
		For Mechanically Fastened To Gypsum, Add		*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.42*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add		*2.25*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*3.38*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add		*3.31*	
07 22 16 00-0211	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened		6.09	
		For Mechanically Fastened To Concrete, Add		*1.50*	
		For Mechanically Fastened To Gypsum, Add		*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.06*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add		*2.78*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*3.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add		*3.92*	
07 22 16 00-0212	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened		6.30	
		For Mechanically Fastened To Concrete, Add		*1.50*	
		For Mechanically Fastened To Gypsum, Add		*1.76*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.06*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add		*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*3.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add		*3.48*	
07 22 16 00-0213	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened		6.75	
		For Mechanically Fastened To Concrete, Add		*1.54*	
		For Mechanically Fastened To Gypsum, Add		*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.23*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add		*2.98*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*3.34*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add		*4.20*	
07 22 16 00-0214		Mechanically Fastened, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation *(07 22 16 00-0143)*			
		Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.			

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0215	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	4.73	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.41*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.26*	
07 22 16 00-0216	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	5.17	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.41*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.31*	
07 22 16 00-0217	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	5.80	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.77*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.91*	
07 22 16 00-0218	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	6.15	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Gypsum, Add	*1.76*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.48*	
07 22 16 00-0219	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	6.72	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.16*	
07 22 16 00-0220	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	7.20	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.94*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.16*	
07 22 16 00-0221	SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	8.54	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Gypsum, Add	*1.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.13*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.46*	

07 22 16 00-0222 Rigid Board Tapered Roofing Insulation *(07 22 16)*

Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or cover board. See CSI section 07 22 16 00-0466 for demolition of insulation board.

07 22 16 00-0223 Cold Adhesive Applied Rigid Board Tapered Roofing Insulation *(07 22 16 00-0222)*

07 22 16 00-0224 Cold Adhesive Applied, Tapered Polyisocyanurate Board *(07 22 16 00-0223)*

Note: Includes polyurethane adhesive.

07 22 16 00-0225 Cold Adhesive Applied, 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*

07 22 16 00-0226	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	4.72	
		For 25 PSI Compressive Strength, Add	*0.33*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0227	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	6.47	
		For 25 PSI Compressive Strength, Add	*0.39*	
07 22 16 00-0228	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.05	
		For 25 PSI Compressive Strength, Add	*0.44*	
07 22 16 00-0229	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.62	
		For 25 PSI Compressive Strength, Add	*0.50*	
07 22 16 00-0230	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.20	
		For 25 PSI Compressive Strength, Add	*0.56*	
07 22 16 00-0231	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	9.96	
		For 25 PSI Compressive Strength, Add	*0.62*	
07 22 16 00-0232	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	10.54	
		For 25 PSI Compressive Strength, Add	*0.68*	
07 22 16 00-0233	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.12	
		For 25 PSI Compressive Strength, Add	*0.73*	
07 22 16 00-0234	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.70	
		For 25 PSI Compressive Strength, Add	*0.79*	
07 22 16 00-0235	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	13.45	
		For 25 PSI Compressive Strength, Add	*0.85*	
07 22 16 00-0236		Cold Adhesive Applied, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*		
07 22 16 00-0237	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	4.43	
		For 25 PSI Compressive Strength, Add	*0.30*	
07 22 16 00-0238	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	6.76	
		For 25 PSI Compressive Strength, Add	*0.41*	
07 22 16 00-0239	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.91	
		For 25 PSI Compressive Strength, Add	*0.53*	
07 22 16 00-0240	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	10.25	
		For 25 PSI Compressive Strength, Add	*0.65*	
07 22 16 00-0241	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.41	
		For 25 PSI Compressive Strength, Add	*0.76*	
07 22 16 00-0242	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	13.74	
		For 25 PSI Compressive Strength, Add	*0.88*	
07 22 16 00-0243		Cold Adhesive Applied, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*		
07 22 16 00-0244	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.34	
		For 25 PSI Compressive Strength, Add	*0.47*	
07 22 16 00-0245	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	10.83	
		For 25 PSI Compressive Strength, Add	*0.71*	
07 22 16 00-0246	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	14.32	
		For 25 PSI Compressive Strength, Add	*0.94*	
07 22 16 00-0247	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	17.82	
		For 25 PSI Compressive Strength, Add	*1.17*	
07 22 16 00-0248		Cold Adhesive Applied, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0223)*		
		Note: Includes polyurethane adhesive.		
07 22 16 00-0249		Cold Adhesive Applied, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*		
07 22 16 00-0250	SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.07	
07 22 16 00-0251	SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	5.83	
07 22 16 00-0252	SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.26	
07 22 16 00-0253	SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.69	
07 22 16 00-0254	SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.13	
07 22 16 00-0255	SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	8.89	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0256	SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.33	
07 22 16 00-0257	SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.76	
07 22 16 00-0258	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.20	
07 22 16 00-0259	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	11.96	
07 22 16 00-0260		Cold Adhesive Applied, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*		
07 22 16 00-0261	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	3.85	
07 22 16 00-0262	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.04	
07 22 16 00-0263	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.91	
07 22 16 00-0264	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.11	
07 22 16 00-0265	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.98	
07 22 16 00-0266	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	12.17	
07 22 16 00-0267		Cold Adhesive Applied, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*		
07 22 16 00-0268	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.48	
07 22 16 00-0269	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.55	
07 22 16 00-0270	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	12.61	
07 22 16 00-0271	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	16.11	
07 22 16 00-0272		Cold Adhesive Applied, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0223)* Note: Includes polyurethane adhesive.		
07 22 16 00-0273		Cold Adhesive Applied, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)*		
07 22 16 00-0274	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	4.59	
07 22 16 00-0275	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	6.34	
07 22 16 00-0276	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	6.89	
07 22 16 00-0277	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.44	
07 22 16 00-0278	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.99	
07 22 16 00-0279	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	9.75	
07 22 16 00-0280	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	10.30	
07 22 16 00-0281	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	10.85	
07 22 16 00-0282	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	11.40	
07 22 16 00-0283	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	13.15	
07 22 16 00-0284		Cold Adhesive Applied, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)*		
07 22 16 00-0285	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	4.31	
07 22 16 00-0286	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	6.61	
07 22 16 00-0287	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.71	
07 22 16 00-0288	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	10.03	
07 22 16 00-0289	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	11.12	
07 22 16 00-0290	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	13.43	

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0291			Cold Adhesive Applied, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)*		
07 22 16 00-0292		SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.16	
			For Mechanically Fastened To Concrete, Add	*1.46*	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
07 22 16 00-0293		SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	10.58	
07 22 16 00-0294		SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	13.98	
07 22 16 00-0295		SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	17.39	
07 22 16 00-0296			Cold Adhesive Applied, Tapered Perlite Board *(07 22 16 00-0223)*		
			Note: Includes polyurethane adhesive.		
07 22 16 00-0297			Cold Adhesive Applied, 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0296)*		
07 22 16 00-0298		SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	6.01	
07 22 16 00-0299		SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	7.51	
07 22 16 00-0300		SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	8.35	
07 22 16 00-0301		SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.30	
07 22 16 00-0302		SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.14	
07 22 16 00-0303		SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.63	
07 22 16 00-0304		SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	12.47	
07 22 16 00-0305		SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	13.42	
07 22 16 00-0306		SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	14.26	
07 22 16 00-0307		SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	15.76	
07 22 16 00-0308			Cold Adhesive Applied, 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0296)*		
07 22 16 00-0309		SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	5.59	
07 22 16 00-0310		SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	7.93	
07 22 16 00-0311		SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.72	
07 22 16 00-0312		SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	12.05	
07 22 16 00-0313		SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	13.84	
07 22 16 00-0314		SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	16.18	
07 22 16 00-0315			Cold Adhesive Applied, 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0296)*		
07 22 16 00-0316		SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	8.77	
07 22 16 00-0317		SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	12.89	
07 22 16 00-0318		SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	17.02	
07 22 16 00-0319		SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	21.14	
07 22 16 00-0320			Hot-Mopped Rigid Board Tapered Roofing Insulation *(07 22 16 00-0222)*		
07 22 16 00-0321			Hot-Mopped, Tapered Polyisocyanurate Board *(07 22 16 00-0320)*		
07 22 16 00-0322			Hot-Mopped, 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0321)*		
07 22 16 00-0323		SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	4.34	
			For 25 PSI Compressive Strength, Add	*0.29*	
07 22 16 00-0324		SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.03	
			For 25 PSI Compressive Strength, Add	*0.31*	
07 22 16 00-0325		SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.61	
			For 25 PSI Compressive Strength, Add	*0.37*	
07 22 16 00-0326		SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.91	
			For 25 PSI Compressive Strength, Add	*0.43*	
07 22 16 00-0327		SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.76	
			For 25 PSI Compressive Strength, Add	*0.49*	
07 22 16 00-0328		SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.31	
			For 25 PSI Compressive Strength, Add	*0.51*	
07 22 16 00-0329		SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.89	
			For 25 PSI Compressive Strength, Add	*0.57*	
07 22 16 00-0330		SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.47	
			For 25 PSI Compressive Strength, Add	*0.63*	
07 22 16 00-0331		SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.05	
			For 25 PSI Compressive Strength, Add	*0.69*	
07 22 16 00-0332		SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	12.58	
			For 25 PSI Compressive Strength, Add	*0.71*	
07 22 16 00-0333			Hot-Mopped, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0321)*		
07 22 16 00-0334		SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	4.20	
			For 25 PSI Compressive Strength, Add	*0.26*	
07 22 16 00-0335		SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.32	
			For 25 PSI Compressive Strength, Add	*0.34*	
07 22 16 00-0336		SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.47	
			For 25 PSI Compressive Strength, Add	*0.46*	
07 22 16 00-0337		SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.60	
			For 25 PSI Compressive Strength, Add	*0.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0338	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.76	
		For 25 PSI Compressive Strength, Add	*0.66*	
07 22 16 00-0339	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	12.87	
		For 25 PSI Compressive Strength, Add	*0.74*	
07 22 16 00-0340		**Hot-Mopped, 1/2" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0321)*		
07 22 16 00-0341	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.90	
		For 25 PSI Compressive Strength, Add	*0.40*	
07 22 16 00-0342	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.18	
		For 25 PSI Compressive Strength, Add	*0.60*	
07 22 16 00-0343	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	13.45	
		For 25 PSI Compressive Strength, Add	*0.80*	
07 22 16 00-0344	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	16.73	
		For 25 PSI Compressive Strength, Add	*1.00*	
07 22 16 00-0345		**Hot-Mopped, Tapered Perlite Board** *(07 22 16 00-0320)*		
07 22 16 00-0346		**Hot-Mopped, 1/8" Slope, Tapered Perlite Board** *(07 22 16 00-0345)*		
07 22 16 00-0347	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	5.16	
07 22 16 00-0348	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	7.07	
07 22 16 00-0349	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	7.91	
07 22 16 00-0350	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	8.24	
07 22 16 00-0351	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	9.08	
07 22 16 00-0352	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	10.98	
07 22 16 00-0353	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	11.82	
07 22 16 00-0354	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	12.15	
07 22 16 00-0355	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	12.99	
07 22 16 00-0356	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	14.88	
07 22 16 00-0357		**Hot-Mopped, 1/4" Slope, Tapered Perlite Board** *(07 22 16 00-0345)*		
07 22 16 00-0358	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	4.74	
07 22 16 00-0359	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	7.49	
07 22 16 00-0360	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	8.66	
07 22 16 00-0361	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	11.40	
07 22 16 00-0362	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	12.57	
07 22 16 00-0363	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	15.30	
07 22 16 00-0364		**Hot-Mopped, 1/2" Slope, Tapered Perlite Board** *(07 22 16 00-0345)*		
07 22 16 00-0365	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	8.33	
07 22 16 00-0366	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	12.24	
07 22 16 00-0367	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	65.18	
07 22 16 00-0368	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	20.05	
07 22 16 00-0369		**Mechanically Fastened Tapered Roofing Insulation** *(07 22 16 00-0222)*		
		Note: Mechanically fastened to wood or steel. Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or coverboard.		
07 22 16 00-0370		**Mechanically Fastened, Tapered Polyisocyanurate Board** *(07 22 16 00-0369)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0371		**Mechanically Fastened, 1/8" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0370)*		
07 22 16 00-0372	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	4.45	
		For 25 PSI Compressive Strength, Add	*0.30*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0373	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	5.64	
		For 25 PSI Compressive Strength, Add	*0.30*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0374	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.22	
		For 25 PSI Compressive Strength, Add	*0.36*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.31*	
07 22 16 00-0375	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.90	
		For 25 PSI Compressive Strength, Add	*0.43*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.41*	
07 22 16 00-0376	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.48	
		For 25 PSI Compressive Strength, Add	*0.49*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.76*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.48*	
07 22 16 00-0377	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	8.75	
		For 25 PSI Compressive Strength, Add	*0.50*	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.65*	
07 22 16 00-0378	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	9.33	
		For 25 PSI Compressive Strength, Add	*0.56*	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.65*	
07 22 16 00-0379	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	10.39	
		For 25 PSI Compressive Strength, Add	*0.66*	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.13*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.91*	
07 22 16 00-0380	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	10.96	
		For 25 PSI Compressive Strength, Add	*0.72*	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.13*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.91*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0381	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	12.00	
		For 25 PSI Compressive Strength, Add	*0.71*	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.80*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.30*	
07 22 16 00-0382		Mechanically Fastened, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*		
07 22 16 00-0383	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	4.16	
		For 25 PSI Compressive Strength, Add	*0.27*	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0384	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	5.93	
		For 25 PSI Compressive Strength, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.26*	
07 22 16 00-0385	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.19	
		For 25 PSI Compressive Strength, Add	*0.46*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.41*	
07 22 16 00-0386	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	9.04	
		For 25 PSI Compressive Strength, Add	*0.53*	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.65*	
07 22 16 00-0387	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	10.68	
		For 25 PSI Compressive Strength, Add	*0.69*	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.13*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.91*	
07 22 16 00-0388	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	12.29	
		For 25 PSI Compressive Strength, Add	*0.73*	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.80*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.30*	
07 22 16 00-0389		Mechanically Fastened, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0390	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.51	
		For 25 PSI Compressive Strength, Add	*0.39*	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.31*	
07 22 16 00-0391	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	9.36	
		For 25 PSI Compressive Strength, Add	*0.56*	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.65*	
07 22 16 00-0392	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	12.87	
		For 25 PSI Compressive Strength, Add	*0.79*	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.80*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.30*	
07 22 16 00-0393	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	16.28	
		For 25 PSI Compressive Strength, Add	*1.02*	
		For Mechanically Fastened To Concrete, Add	*1.52*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.05*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.13*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.69*	

07 22 16 00-0394 Mechanically Fastened, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0395 Mechanically Fastened, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

07 22 16 00-0396	SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	3.80	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0397	SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.00	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.26*	
07 22 16 00-0398	SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.43	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0399	SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.97	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.41*	
07 22 16 00-0400	SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.40	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.76*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.48*	
07 22 16 00-0401	SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.68	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.65*	
07 22 16 00-0402	SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	8.11	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.65*	
07 22 16 00-0403	SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	9.03	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.13*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.91*	
07 22 16 00-0404	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	9.46	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.13*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.91*	
07 22 16 00-0405	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	10.51	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.80*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.30*	

07 22 16 00-0406 Mechanically Fastened, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

07 22 16 00-0407	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	3.58	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0408	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.22	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.26*	
07 22 16 00-0409	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.19	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.41*	
07 22 16 00-0410	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.89	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.65*	
07 22 16 00-0411	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	9.24	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.13*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.91*	
07 22 16 00-0412	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	10.72	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.80*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.30*	
07 22 16 00-0413		Mechanically Fastened, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*		
07 22 16 00-0414	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.65	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.31*	
07 22 16 00-0415	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	8.33	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.65*	
07 22 16 00-0416	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	11.16	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.80*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.30*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0417	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	14.57	
		For Mechanically Fastened To Concrete, Add	*1.52*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.05*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.13*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.69*	

07 22 16 00-0418 Mechanically Fastened, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0419 Mechanically Fastened, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

07 22 16 00-0420	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	4.32	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0421	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	5.51	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.26*	
07 22 16 00-0422	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.35	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.31*	
07 22 16 00-0423	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	6.71	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.41*	
07 22 16 00-0424	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.26	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.76*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.48*	
07 22 16 00-0425	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.53	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.65*	
07 22 16 00-0426	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	9.08	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0427	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	10.12	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.13*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.91*	
07 22 16 00-0428	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	10.66	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.13*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.91*	
07 22 16 00-0429	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	11.70	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.80*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.30*	

07 22 16 00-0430 Mechanically Fastened, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

07 22 16 00-0431	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	4.04	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0432	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	5.79	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.26*	
07 22 16 00-0433	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	6.99	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.41*	
07 22 16 00-0434	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.81	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.65*	
07 22 16 00-0435	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	10.39	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.13*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.91*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0436	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened		11.98	
		For Mechanically Fastened To Concrete, Add		*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*1.80*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.48*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*3.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*4.30*	
07 22 16 00-0437		Mechanically Fastened, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*			
07 22 16 00-0438	SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened		6.34	
		For Mechanically Fastened To Concrete, Add		*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*1.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*2.21*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*2.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*3.31*	
07 22 16 00-0439	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened		9.36	
		For Mechanically Fastened To Concrete, Add		*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.23*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*3.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*3.65*	
07 22 16 00-0440	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened		12.53	
		For Mechanically Fastened To Concrete, Add		*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*1.80*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*1.48*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*2.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*3.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*4.30*	
07 22 16 00-0441	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened		15.68	
		For Mechanically Fastened To Concrete, Add		*1.52*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*2.05*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*3.13*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*3.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*4.69*	
07 22 16 00-0442		Mechanically Fastened, Tapered Perlite Board *(07 22 16 00-0369)*			
		Note: Mechanically fastened to wood or steel.			
07 22 16 00-0443		Mechanically Fastened, 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0442)*			
07 22 16 00-0444	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened		5.12	
		For Mechanically Fastened To Concrete, Add		*1.42*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*1.67*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*1.82*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*2.72*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*3.09*	
07 22 16 00-0445	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened		6.68	
		For Mechanically Fastened To Concrete, Add		*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*1.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*2.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*2.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*3.26*	
07 22 16 00-0446	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened		7.52	
		For Mechanically Fastened To Concrete, Add		*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		*1.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		*2.21*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		*2.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		*3.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0447	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	7.95	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.41*	
07 22 16 00-0448	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	8.80	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.76*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.32*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.48*	
07 22 16 00-0449	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	10.41	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.65*	
07 22 16 00-0450	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	11.25	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.65*	
07 22 16 00-0451	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	12.06	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.13*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.91*	
07 22 16 00-0452	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	12.91	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.13*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.91*	
07 22 16 00-0453	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	14.30	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.80*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.30*	
07 22 16 00-0454		Mechanically Fastened, 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0442)*		
07 22 16 00-0455	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	4.70	
		For Mechanically Fastened To Concrete, Add	*1.42*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.68*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.82*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.00*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.72*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 22 16 00-0456	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	7.10	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.17*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0457	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	8.38	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.71*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.90*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.27*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.35*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.09*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.41*	
07 22 16 00-0458	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	10.83	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.65*	
07 22 16 00-0459	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	12.48	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.44*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.13*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.91*	
07 22 16 00-0460	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	14.73	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.80*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.30*	

07 22 16 00-0461 Mechanically Fastened, 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0442)*

07 22 16 00-0462	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	7.94	
		For Mechanically Fastened To Concrete, Add	*1.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.77*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.92*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.21*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.15*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.31*	
07 22 16 00-0463	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	11.67	
		For Mechanically Fastened To Concrete, Add	*1.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.07*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.59*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.65*	
07 22 16 00-0464	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	15.57	
		For Mechanically Fastened To Concrete, Add	*1.58*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.80*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.98*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.30*	
07 22 16 00-0465	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	19.60	
		For Mechanically Fastened To Concrete, Add	*1.52*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.05*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.13*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.30*	

07 22 16 00-0466 Demolish Rigid Board Roofing Insulation *(07 22 16)*

Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).

07 22 16 00-0467	SF	Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation		0.54
07 22 16 00-0468	SF	Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation		0.55
07 22 16 00-0469	SF	Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation		0.57
07 22 16 00-0470	SF	Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation		0.59
07 22 16 00-0471	SF	Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation		0.61
07 22 16 00-0472	SF	Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation		0.62

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0473	SF	Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation		0.63
07 22 16 00-0474	SF	Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation		0.65
07 22 16 00-0475	SF	Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation		0.66
07 22 16 00-0476	SF	Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation		0.68
07 22 16 00-0477	SF	Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation		0.70
07 22 16 00-0478	SF	Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation		0.71
07 22 16 00-0479	SF	Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation		0.73

07 24 Exterior Insulation and Finish Systems *(07 20)*

07 24 13 Polymer-Based Exterior Insulation and Finish System *(07 24)*

07 24 13 00-0001 Exterior Insulation Finishing System (EIFS) *(07 24 13)*

07 24 13 00-0002 Insulation For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0003	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	3.85
		For Up To 100, Add	*0.73*
		For >100 To 500, Add	*0.37*
		For >5,000, Deduct	*-0.15*
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.35*
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.03*
07 24 13 00-0004	SF	1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	4.41
		For Up To 100, Add	*0.74*
		For >100 To 500, Add	*0.37*
		For >5,000, Deduct	*-0.15*
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.38*
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.05*
07 24 13 00-0005	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	4.96
		For Up To 100, Add	*0.75*
		For >100 To 500, Add	*0.38*
		For >5,000, Deduct	*-0.15*
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.54*
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.19*
07 24 13 00-0006	SF	2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	5.52
		For Up To 100, Add	*0.76*
		For >100 To 500, Add	*0.38*
		For >5,000, Deduct	*-0.15*
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.62*
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.30*
07 24 13 00-0007	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	6.07
		For Up To 100, Add	*0.77*
		For >100 To 500, Add	*0.39*
		For >5,000, Deduct	*-0.15*
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.62*
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.30*
07 24 13 00-0008	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	7.17
		For Up To 100, Add	*0.78*
		For >100 To 500, Add	*0.39*
		For >5,000, Deduct	*-0.16*
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.83*
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.47*

07 24 13 00-0009 Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.

07 24 13 00-0010	SF	4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat	4.84
		For Up To 100, Add	*1.46*
		For >100 To 500, Add	*0.73*
		For >5,000, Deduct	*-0.29*
07 24 13 00-0011	SF	6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat	5.41
		For Up To 100, Add	*1.46*
		For >100 To 500, Add	*0.73*
		For >5,000, Deduct	*-0.29*
07 24 13 00-0012	SF	15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat	6.93
		For Up To 100, Add	*1.46*
		For >100 To 500, Add	*0.73*
		For >5,000, Deduct	*-0.29*
07 24 13 00-0013	SF	20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat	7.39
		For Up To 100, Add	*1.46*
		For >100 To 500, Add	*0.73*
		For >5,000, Deduct	*-0.29*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0014		Base Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0015	SF	Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM)	2.36	
		For Up To 100, Add	*0.73*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
07 24 13 00-0016	SF	Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®)	2.78	
		For Up To 100, Add	*0.73*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
07 24 13 00-0017	SF	Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	5.05	
		For Up To 100, Add	*0.73*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
07 24 13 00-0018	SF	Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	6.84	
		For Up To 100, Add	*0.73*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
07 24 13 00-0019		Finish Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
		Note: Includes all standard manufacturers' colors.		
07 24 13 00-0020	SF	100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	3.93	
		For Up To 100, Add	*1.46*	
		For >100 To 500, Add	*0.73*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0021	SF	100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	4.02	
		For Up To 100, Add	*1.46*	
		For >100 To 500, Add	*0.73*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0022	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	4.69	
		For Up To 100, Add	*1.46*	
		For >100 To 500, Add	*0.73*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0023	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	5.28	
		For Up To 100, Add	*1.46*	
		For >100 To 500, Add	*0.73*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0024	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish)	4.69	
		For Up To 100, Add	*1.46*	
		For >100 To 500, Add	*0.73*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0025	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish)	5.28	
		For Up To 100, Add	*1.46*	
		For >100 To 500, Add	*0.73*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0026	SF	Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth)	4.12	
		For Up To 100, Add	*1.46*	
		For >100 To 500, Add	*0.73*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0027	SF	Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®)	4.73	
		For Up To 100, Add	*1.46*	
		For >100 To 500, Add	*0.73*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0028	SF	100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™)	9.99	
		For Up To 100, Add	*1.46*	
		For >100 To 500, Add	*0.73*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0029		Primer And Sealers For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0030	SF	100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®)	1.19	
		For Up To 100, Add	*0.41*	
		For >100 To 500, Add	*0.21*	
		For >5,000, Deduct	*-0.08*	
07 24 13 00-0031	SF	100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™)	1.22	
		For Up To 100, Add	*0.41*	
		For >100 To 500, Add	*0.21*	
		For >5,000, Deduct	*-0.08*	
07 24 13 00-0032		Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0033	SF	Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	1.69	
		For Up To 100, Add	*0.41*	
		For >100 To 500, Add	*0.21*	
		For >5,000, Deduct	*-0.08*	
07 24 13 00-0034	SF	Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	2.11	
		For Up To 100, Add	*0.41*	
		For >100 To 500, Add	*0.21*	
		For >5,000, Deduct	*-0.08*	
07 24 13 00-0035		Drainage Accessories For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0036	SF	1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat)	2.63	
		For Up To 100, Add	*0.46*	
		For >100 To 500, Add	*0.23*	
		For >5,000, Deduct	*-0.09*	
07 24 13 00-0037		Starter Tracks For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0038	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	3.90	
07 24 13 00-0039	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	4.21	
07 24 13 00-0040	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	4.59	
07 24 13 00-0041	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	5.36	
07 24 13 00-0042	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	4.21	
07 24 13 00-0043	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	4.59	
07 24 13 00-0044	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	4.95	
07 24 13 00-0045	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	5.80	
07 24 13 00-0046		Demolish Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0047	SF	Demolish Exterior Insulation Finishing Systems (EIFS) Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing.	6.12	
		For Up To 100, Add	*3.06*	
		For >100 To 500, Add	*1.53*	
		For >5,000, Deduct	*-0.61*	

07 25 Weather Barriers *(07)*

07 26 Vapor Retarders *(07 25)*

07 26 13 Above-Grade Vapor Retarders *(07 26)*

07 26 13 00-0001	CSF	Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B)	28.24	
07 26 13 00-0002	CSF	Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Jumbo Tex)	26.07	
07 26 13 00-0003	CSF	60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Super Jumbo Tex 60 Minute)	33.01	
07 26 13 00-0004	CSF	Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Two Ply Super Jumbo Tex 60 Minute)	43.19	
07 26 13 00-0005	CSF	Regular Weight Red Rosin Sized Sheathing	23.84	
07 26 13 00-0006	CLF	6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper)	79.94	
07 26 13 00-0007	CLF	4" Wide Self Adhering Butyl Sealing Tape	123.78	
07 26 13 00-0008	CLF	6" Wide Self Adhesive Butyl Sealing Tape	180.00	
07 26 13 00-0009	CLF	9" Wide Self Adhesive Butyl Sealing Tape	251.64	
07 26 13 00-0010	CSF	Building Wrap (Tyvek)	67.04	

07 27 Air Barriers *(07 25)*

07 27 23 Board Product Air Barriers *(07 27)*

07 27 23 00-0001		Barriers For Plenums *(07 27 23)*		
07 27 23 00-0002	SF	0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 LB/SF	12.01	3.01
		For Up To 50, Add	*4.17*	
		For >50 To 200, Add	*2.38*	
		For >200 To 500, Add	*0.90*	
		For >2,500, Deduct	*-0.60*	
07 27 23 00-0003	SF	0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 LB/SF	12.98	3.01
		For Up To 50, Add	*4.54*	
		For >50 To 200, Add	*2.60*	
		For >200 To 500, Add	*0.97*	
		For >2,500, Deduct	*-0.65*	
07 27 23 00-0004	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick	4.39	2.01
		For Up To 50, Add	*2.12*	
		For >50 To 200, Add	*1.17*	
		For >200 To 500, Add	*0.40*	
		For >2,500, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 27 23 00-0005	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick	8.02	3.01
		For Up To 50, Add	*3.80*	
		For >50 To 200, Add	*2.10*	
		For >200 To 500, Add	*0.73*	
		For >2,500, Deduct	*-0.40*	
07 27 23 00-0006	SF	Aluminum Mesh Barrier For Plenum Kraft Paper Backed	5.84	2.01
		For Up To 50, Add	*2.34*	
		For >50 To 200, Add	*1.32*	
		For >200 To 500, Add	*0.48*	
		For >2,500, Deduct	*-0.29*	
07 27 23 00-0007	SF	1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF	9.40	2.01
		For Up To 50, Add	*2.75*	
		For >50 To 200, Add	*1.61*	
		For >200 To 500, Add	*0.64*	
		For >2,500, Deduct	*-0.47*	

07 30 Steep Slope Roofing *(07)*

Note: Includes starter strips and manufacturer's product specific warranties.

07 31 Shingles and Shakes *(07 30)*

07 31 13 Asphalt Shingles *(07 31)*

07 31 13 13 Fiberglass-Reinforced Asphalt Shingles *(07 31 13)*

07 31 13 13-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle *(07 31 13 13)*

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 31 13 13-0002	SQ	200 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20)	275.15	178.01
		For >35 To 75, Deduct	*-11.33*	
		For >75 To 100, Deduct	*-17.64*	
		For >100 To 200, Deduct	*-26.22*	
		For >200, Deduct	*-38.84*	
		For Steep Roof, Over 7 To 12, Add	*51.80*	
07 31 13 13-0003	SQ	220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25)	288.55	186.95
		For >35 To 75, Deduct	*-11.86*	
		For >75 To 100, Deduct	*-18.48*	
		For >100 To 200, Deduct	*-27.47*	
		For >200, Deduct	*-40.72*	
		For Steep Roof, Over 7 To 12, Add	*54.38*	
07 31 13 13-0004	SQ	230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30)	334.75	196.27
		For >35 To 75, Deduct	*-15.63*	
		For >75 To 100, Deduct	*-23.21*	
		For >100 To 200, Deduct	*-33.93*	
		For >200, Deduct	*-49.10*	
		For Steep Roof, Over 7 To 12, Add	*57.12*	

07 31 13 13-0005 Architectural Fiberglass Reinforced, Asphalt Composition Shingle *(07 31 13 13)*

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 31 13 13-0006	SQ	245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark)	342.96	227.25
		For >35 To 75, Deduct	*-13.64*	
		For >75 To 100, Deduct	*-21.53*	
		For >100 To 200, Deduct	*-32.15*	
		For >200, Deduct	*-47.94*	
		For Steep Roof, Over 7 To 12, Add	*66.10*	
07 31 13 13-0007	SQ	240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate)	364.04	216.37
		For >35 To 75, Deduct	*-16.73*	
		For >75 To 100, Deduct	*-24.99*	
		For >100 To 200, Deduct	*-36.60*	
		For >200, Deduct	*-53.13*	
		For Steep Roof, Over 7 To 12, Add	*62.96*	
07 31 13 13-0008	SQ	265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus)	394.18	238.61
		For >35 To 75, Deduct	*-17.72*	
		For >75 To 100, Deduct	*-26.69*	
		For >100 To 200, Deduct	*-39.20*	
		For >200, Deduct	*-57.14*	
		For Steep Roof, Over 7 To 12, Add	*69.42*	
07 31 13 13-0009	SQ	235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras)	381.64	206.07
		For >35 To 75, Deduct	*-19.43*	
		For >75 To 100, Deduct	*-28.00*	
		For >100 To 200, Deduct	*-40.46*	
		For >200, Deduct	*-57.60*	
		For Steep Roof, Over 7 To 12, Add	*59.95*	
07 31 13 13-0010	SQ	300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium)	427.99	250.55
		For >35 To 75, Deduct	*-20.03*	
		For >75 To 100, Deduct	*-29.72*	
		For >100 To 200, Deduct	*-43.43*	
		For >200, Deduct	*-62.83*	
		For Steep Roof, Over 7 To 12, Add	*72.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0011	SQ	300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence)	457.34	250.55
		For >35 To 75, Deduct	*-22.96*	
		For >75 To 100, Deduct	*-33.25*	
		For >100 To 200, Deduct	*-48.12*	
		For >200, Deduct	*-68.70*	
		For Steep Roof, Over 7 To 12, Add	*72.87*	
07 31 13 13-0012	SQ	355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake)	499.34	276.19
		For >35 To 75, Deduct	*-24.82*	
		For >75 To 100, Deduct	*-36.06*	
		For >100 To 200, Deduct	*-52.27*	
		For >200, Deduct	*-74.75*	
		For Steep Roof, Over 7 To 12, Add	*80.36*	
07 31 13 13-0013	SQ	340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL)	495.66	263.08
		For >35 To 75, Deduct	*-25.66*	
		For >75 To 100, Deduct	*-36.77*	
		For >100 To 200, Deduct	*-53.01*	
		For >200, Deduct	*-75.22*	
		For Steep Roof, Over 7 To 12, Add	*76.51*	
07 31 13 13-0014	SQ	300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris)	493.44	250.55
		For >35 To 75, Deduct	*-26.57*	
		For >75 To 100, Deduct	*-37.58*	
		For >100 To 200, Deduct	*-53.90*	
		For >200, Deduct	*-75.92*	
		For Steep Roof, Over 7 To 12, Add	*72.87*	
07 31 13 13-0015	SQ	355 LB/SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate)	578.37	276.19
		For >35 To 75, Deduct	*-32.72*	
		For >75 To 100, Deduct	*-45.55*	
		For >100 To 200, Deduct	*-64.91*	
		For >200, Deduct	*-90.56*	
		For Steep Roof, Over 7 To 12, Add	*80.36*	
07 31 13 13-0016	SQ	355 LB/SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House)	598.94	276.19
		For >35 To 75, Deduct	*-34.78*	
		For >75 To 100, Deduct	*-48.01*	
		For >100 To 200, Deduct	*-68.21*	
		For >200, Deduct	*-94.67*	
		For Steep Roof, Over 7 To 12, Add	*80.36*	
07 31 13 13-0017	SQ	480 LB/SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL)	665.50	304.55
		For >35 To 75, Deduct	*-38.86*	
		For >75 To 100, Deduct	*-53.56*	
		For >100 To 200, Deduct	*-76.02*	
		For >200, Deduct	*-105.41*	
		For Steep Roof, Over 7 To 12, Add	*88.60*	
07 31 13 13-0018	SQ	425 LB/SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor)	655.86	289.98
		For >35 To 75, Deduct	*-39.22*	
		For >75 To 100, Deduct	*-53.65*	
		For >100 To 200, Deduct	*-75.93*	
		For >200, Deduct	*-104.81*	
		For Steep Roof, Over 7 To 12, Add	*84.37*	

07 31 13 13-0019 Asphalt Shingle Accessories *(07 31 13 13)*

07 31 13 13-0020	LF	Hip And Ridge Roll Vent Note: Excludes shingles.	8.24	1.07
07 31 13 13-0021	LF	Three Tab Hip And Ridge Shingles	3.84	2.65
07 31 13 13-0022	LF	Architectural Hip And Ridge Shingles	4.66	2.95
07 31 13 13-0023	SQ	Demolish Each Additional Layer Of Shingles	82.54	

07 31 16 Metal Shingles *(07 31)*

07 31 16 00-0001 Aluminum Shingles *(07 31 16)*

07 31 16 00-0002	SQ	Aluminum Shingles, Mill Finish, 0.020" Thick	753.61	171.21
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0003	SQ	Aluminum Shingles, Mill Finish, 0.030" Thick	1,035.73	187.13
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0004	LF	Aluminum Shingles, Ridge Cap, 0.020" Thick	13.89	2.46
07 31 16 00-0005	LF	Aluminum Shingles, Ridge Cap, 0.030" Thick	14.56	2.46
07 31 16 00-0006	LF	Aluminum Shingles, Valley Section, 0.020" Thick	8.88	2.46
07 31 16 00-0007	LF	Aluminum Shingles, Valley Section, 0.030" Thick	10.21	2.46

07 31 16 00-0008 Galvanized Steel Shingles *(07 31 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 16 00-0009	SQ	24 Gauge, 0.0276" Thickness, Galvanized Steel Shingles	545.98	149.32
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-9.89*	
		For >75 To 100, Deduct	*-24.78*	
		For >100 To 200, Deduct	*-42.14*	
		For >200, Deduct	*-57.02*	
		For Steep Roof, Over 7 To 12, Add	*95.58*	
07 31 16 00-0010	SQ	26 Gauge, 0.0217" Thickness, Galvanized Steel Shingles	523.06	148.12
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-9.08*	
		For >75 To 100, Deduct	*-23.29*	
		For >100 To 200, Deduct	*-39.77*	
		For >200, Deduct	*-53.98*	
		For Steep Roof, Over 7 To 12, Add	*94.76*	
07 31 16 00-0011	SQ	24 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles	906.51	149.32
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-24.31*	
		For >75 To 100, Deduct	*-50.02*	
		For >100 To 200, Deduct	*-81.80*	
		For >200, Deduct	*-107.50*	
		For Steep Roof, Over 7 To 12, Add	*95.58*	
07 31 16 00-0012	SQ	26 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles	829.03	148.12
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-21.32*	
		For >75 To 100, Deduct	*-44.71*	
		For >100 To 200, Deduct	*-73.42*	
		For >200, Deduct	*-96.82*	
		For Steep Roof, Over 7 To 12, Add	*94.76*	
07 31 16 00-0013	LF	Galvanized Steel Shingles, Ridge Or Valley	9.12	1.99
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-0.21*	
		For >75 To 100, Deduct	*-0.46*	
		For >100 To 200, Deduct	*-0.77*	
		For >200, Deduct	*-1.02*	
		For Steep Roof, Over 7 To 12, Add	*1.25*	

07 31 26 Slate Shingles *(07 31)*

Note: Includes 30 LB felt and fasteners.

07 31 26 00-0001 Shingles Including 30 LB Felt And Nails *(07 31 26)*

07 31 26 00-0002	SQ	Slate Shingles, Buckingham, Virginia Black, 3/16" Thick	1,443.43	254.71
		For >50 To 75, Deduct	*-35.10*	
		For >75 To 100, Deduct	*-75.57*	
		For >100 To 200, Deduct	*-124.82*	
		For >200, Deduct	*-165.29*	
		For Graduated Shapes, Add	*131.62*	
		For Steep Roof, Over 7 To 12, Add	*181.12*	
07 31 26 00-0003	SQ	Slate Shingles, Buckingham, Virginia Black, 1/4" Thick	1,685.51	254.71
		For >50 To 75, Deduct	*-44.78*	
		For >75 To 100, Deduct	*-92.52*	
		For >100 To 200, Deduct	*-151.45*	
		For >200, Deduct	*-199.18*	
		For Graduated Shapes, Add	*167.93*	
		For Steep Roof, Over 7 To 12, Add	*181.12*	
07 31 26 00-0004	SQ	Slate Shingles, Penn Black Bangor	1,612.88	254.71
		For >50 To 75, Deduct	*-41.88*	
		For >75 To 100, Deduct	*-87.43*	
		For >100 To 200, Deduct	*-143.46*	
		For >200, Deduct	*-189.01*	
		For Graduated Shapes, Add	*157.03*	
		For Steep Roof, Over 7 To 12, Add	*181.12*	
07 31 26 00-0005	SQ	Slate Shingles, Vermont, Unfading Colors, Green	1,637.09	254.71
		For >50 To 75, Deduct	*-42.84*	
		For >75 To 100, Deduct	*-89.13*	
		For >100 To 200, Deduct	*-146.12*	
		For >200, Deduct	*-192.40*	
		For Graduated Shapes, Add	*160.67*	
		For Steep Roof, Over 7 To 12, Add	*181.12*	
07 31 26 00-0006	SQ	Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray	1,733.92	254.71
		For >50 To 75, Deduct	*-46.72*	
		For >75 To 100, Deduct	*-95.90*	
		For >100 To 200, Deduct	*-156.77*	
		For >200, Deduct	*-205.96*	
		For Graduated Shapes, Add	*175.19*	
		For Steep Roof, Over 7 To 12, Add	*181.12*	
07 31 26 00-0007	SQ	Slate Shingles, Vermont, Unfading Color, Purple	1,612.88	254.71
		For >50 To 75, Deduct	*-41.88*	
		For >75 To 100, Deduct	*-87.43*	
		For >100 To 200, Deduct	*-143.46*	
		For >200, Deduct	*-189.01*	
		For Graduated Shapes, Add	*157.03*	
		For Steep Roof, Over 7 To 12, Add	*181.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 26 00-0008	SQ	Slate Shingles, Vermont, Unfading Color, Black Or Gray	1,540.26	254.71
		For >50 To 75, Deduct	*-38.97*	
		For >75 To 100, Deduct	*-82.35*	
		For >100 To 200, Deduct	*-135.47*	
		For >200, Deduct	*-178.85*	
		For Graduated Shapes, Add	*146.14*	
		For Steep Roof, Over 7 To 12, Add	*181.12*	
07 31 26 00-0009	SQ	Slate Shingles, Vermont, Unfading Color, Red	3,052.90	254.71
		For >50 To 75, Deduct	*-99.48*	
		For >75 To 100, Deduct	*-188.23*	
		For >100 To 200, Deduct	*-301.86*	
		For >200, Deduct	*-390.62*	
		For Graduated Shapes, Add	*373.04*	
		For Steep Roof, Over 7 To 12, Add	*181.12*	
07 31 26 00-0010	SQ	Slate Shingles, Vermont, Unfading Color, Variegated Purple	1,612.88	254.71
		For >50 To 75, Deduct	*-41.88*	
		For >75 To 100, Deduct	*-87.43*	
		For >100 To 200, Deduct	*-143.46*	
		For >200, Deduct	*-189.01*	
		For Graduated Shapes, Add	*157.03*	
		For Steep Roof, Over 7 To 12, Add	*181.12*	

07 31 29 Wood Shingles and Shakes *(07 31)*

07 31 29 13 Wood Shingles *(07 31 29)*

07 31 29 13-0001 #1 Grade, Red Cedar Shingles *(07 31 29 13)*

07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0001)*

07 31 29 13-0003	SQ	3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	860.66	200.96
		For Steep Roof, Over 7 To 12, Add	*128.62*	
		For Pressure-Impregnated Treated (Preservative), Add	*68.81*	
07 31 29 13-0004	SQ	5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	622.57	150.72
		For Steep Roof, Over 7 To 12, Add	*96.47*	
		For Pressure-Impregnated Treated (Preservative), Add	*48.17*	
07 31 29 13-0005	SQ	4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	765.95	170.83
		For Steep Roof, Over 7 To 12, Add	*109.33*	
		For Pressure-Impregnated Treated (Preservative), Add	*63.65*	
07 31 29 13-0006	SQ	5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	627.16	140.68
		For Steep Roof, Over 7 To 12, Add	*90.03*	
		For Pressure-Impregnated Treated (Preservative), Add	*51.87*	
07 31 29 13-0007	SQ	5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	844.31	133.15
		For Steep Roof, Over 7 To 12, Add	*85.21*	
		For Pressure-Impregnated Treated (Preservative), Add	*86.70*	
07 31 29 13-0008	SQ	7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	650.94	113.04
		For Steep Roof, Over 7 To 12, Add	*72.35*	
		For Pressure-Impregnated Treated (Preservative), Add	*63.73*	

07 31 29 13-0009 #1 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0001)*

07 31 29 13-0010	SQ	7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	591.10	180.87
		For Pressure-Impregnated Treated (Preservative), Add	*34.40*	
07 31 29 13-0011	SQ	8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	580.14	170.83
		For Pressure-Impregnated Treated (Preservative), Add	*35.77*	
07 31 29 13-0012	SQ	10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	599.89	148.22
		For Pressure-Impregnated Treated (Preservative), Add	*45.52*	

07 31 29 13-0013 #2 Grade, Red Cedar Shingles *(07 31 29 13)*

07 31 29 13-0014 #2 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0013)*

07 31 29 13-0015	SQ	3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	792.54	211.02
		For Steep Roof, Over 7 To 12, Add	*135.05*	
		For Pressure-Impregnated Treated (Preservative), Add	*55.58*	
07 31 29 13-0016	SQ	4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	706.03	190.92
		For Steep Roof, Over 7 To 12, Add	*122.19*	
		For Pressure-Impregnated Treated (Preservative), Add	*48.63*	
07 31 29 13-0017	SQ	4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	756.61	190.92
		For Steep Roof, Over 7 To 12, Add	*122.19*	
		For Pressure-Impregnated Treated (Preservative), Add	*56.22*	
07 31 29 13-0018	SQ	4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	675.03	170.83
		For Steep Roof, Over 7 To 12, Add	*109.33*	
		For Pressure-Impregnated Treated (Preservative), Add	*50.01*	
07 31 29 13-0019	SQ	5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	669.55	133.15
		For Steep Roof, Over 7 To 12, Add	*85.21*	
		For Pressure-Impregnated Treated (Preservative), Add	*60.49*	
07 31 29 13-0020	SQ	6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	545.22	115.56
		For Steep Roof, Over 7 To 12, Add	*73.96*	
		For Pressure-Impregnated Treated (Preservative), Add	*47.12*	

07 31 29 13-0021 #2 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0013)*

07 31 29 13-0022	SQ	6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	567.09	190.92
		For Pressure-Impregnated Treated (Preservative), Add	*27.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 13-0023	SQ	7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	549.12	180.87
		For Pressure-Impregnated Treated (Preservative), Add	*28.11*	
07 31 29 13-0024	SQ	9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	533.27	160.78
		For Pressure-Impregnated Treated (Preservative), Add	*31.76*	

07 31 29 16 Wood Shakes *(07 31 29)*

07 31 29 16-0001 #1 Grade, Red Cedar Shakes *(07 31 29 16)*

07 31 29 16-0002 #1 Grade, Red Cedar Shakes Installed On Roofs *(07 31 29 16-0001)*

07 31 29 16-0003	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	622.99	163.28
		For Steep Roof, Over 7 To 12, Add	*104.51*	
		For Pressure-Impregnated Treated (Preservative), Add	*44.46*	
07 31 29 16-0004	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	721.79	163.28
		For Steep Roof, Over 7 To 12, Add	*104.51*	
		For Pressure-Impregnated Treated (Preservative), Add	*59.28*	
07 31 29 16-0005	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	673.84	133.15
		For Steep Roof, Over 7 To 12, Add	*85.21*	
		For Pressure-Impregnated Treated (Preservative), Add	*61.13*	
07 31 29 16-0006	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	715.83	133.15
		For Steep Roof, Over 7 To 12, Add	*85.21*	
		For Pressure-Impregnated Treated (Preservative), Add	*67.43*	

07 31 29 16-0007 #1 Grade, Red Cedar Shakes Installed On Walls *(07 31 29 16-0001)*

07 31 29 16-0008	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	648.11	175.84
		For Pressure-Impregnated Treated (Preservative), Add	*44.46*	
07 31 29 16-0009	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	746.91	175.84
		For Pressure-Impregnated Treated (Preservative), Add	*59.28*	
07 31 29 16-0010	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	709.02	150.72
		For Pressure-Impregnated Treated (Preservative), Add	*61.13*	
07 31 29 16-0011	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	751.01	150.72
		For Pressure-Impregnated Treated (Preservative), Add	*67.43*	

07 31 29 19 Wood Shingles And Shakes Cap *(07 31 29)*

07 31 29 19-0001 Accessories *(07 31 29 19)*

07 31 29 19-0002	LF	Hip Or Ridge Cap For Wood Shingles Or Shakes	10.86	1.31
		For Steep Roof, Over 7 To 12, Add	*0.97*	
		For Pressure-Impregnated Treated (Preservative) Ridge, Add	*1.17*	

07 31 33 Composite Rubber Shingles *(07 31)*

07 31 33 00-0001 Synthetic Polymeric Rubber Slate Shingles *(07 31 33)*

Note: As manufactured by EcoStar.

07 31 33 00-0002	SQ	Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Gray or black.	1,268.11	229.44
		For Purple Or Green Color, Add	*129.48*	
		For Brown Or Red Color, Add	*331.80*	
		For Steep Roof, Over 7 To 12, Add	*146.83*	
		For >50 To 75, Deduct	*-20.23*	
		For >75 To 100, Deduct	*-51.93*	
		For >100 To 200, Deduct	*-83.64*	
		For >200, Deduct	*-126.81*	
		For 6.5" Exposure, Add	*88.40*	
		For 6.0" Exposure, Add	*176.79*	
07 31 33 00-0003	SQ	Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Fire resistant. Gray or black.	1,807.64	229.44
		For Purple, Green, Brown Or Red, Add	*202.32*	
		For Steep Roof, Over 7 To 12, Add	*146.83*	
		For >50 To 75, Deduct	*-33.72*	
		For >75 To 100, Deduct	*-78.91*	
		For >100 To 200, Deduct	*-124.10*	
		For >200, Deduct	*-180.76*	
		For 6.5" Exposure, Add	*126.93*	
		For 6.0" Exposure, Add	*253.86*	
07 31 33 00-0004	SQ	Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Beaver tail, chisel point or beveled edges. Gray or black.	1,490.27	229.44
		For Purple, Green, Brown Or Red, Add	*371.32*	
		For Steep Roof, Over 7 To 12, Add	*146.83*	
		For >50 To 75, Deduct	*-25.79*	
		For >75 To 100, Deduct	*-63.04*	
		For >100 To 200, Deduct	*-100.30*	
		For >200, Deduct	*-149.03*	
		For 6.5" Exposure, Add	*104.26*	
		For 6.0" Exposure, Add	*208.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 33 00-0005	SQ	Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black.	1,918.71	229.44
		For Purple, Green, Brown Or Red, Add	*160.59*	
		For Steep Roof, Over 7 To 12, Add	*146.83*	
		For >50 To 75, Deduct	*-36.50*	
		For >75 To 100, Deduct	*-84.46*	
		For >100 To 200, Deduct	*-132.43*	
		For >200, Deduct	*-191.87*	
		For 6.5" Exposure, Add	*134.87*	
		For 6.0" Exposure, Add	*269.73*	
07 31 33 00-0006	LF	Hip Or Ridge Polymeric Rubber Slate Shingle Note: Beveled or pointed edges, gray or black.	17.25	1.54

07 32 Roof Tiles *(07 30)*

07 32 13 Clay Roof Tiles *(07 32)*

Note: 8-1/4" x 11" exposure. Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0001 Clay Roofing Tile 8-1/4" x 11" Exposure *(07 32 13)*

Note: Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0002	SQ	Lanai Or Classic Tile, 158 Piece Per SQ	1,274.83	241.57
		For >25 To 50, Deduct	*-47.50*	
		For >50 To 75, Deduct	*-91.24*	
		For >75 To 100, Deduct	*-127.07*	
		For >100 To 200, Deduct	*-154.99*	
		For >200, Deduct	*-174.98*	
		For 20 Year Warranty, Add	*55.41*	
07 32 13 00-0003	SQ	Americana (Most Colors) Tile Roofing, 158 Piece Per SQ	1,528.65	241.57
		For >25 To 50, Deduct	*-62.73*	
		For >50 To 75, Deduct	*-116.63*	
		For >75 To 100, Deduct	*-160.07*	
		For >100 To 200, Deduct	*-193.06*	
		For >200, Deduct	*-215.59*	
		For 20 Year Warranty, Add	*73.18*	
07 32 13 00-0004	SQ	Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ	1,528.65	241.57
		For >25 To 50, Deduct	*-62.73*	
		For >50 To 75, Deduct	*-116.63*	
		For >75 To 100, Deduct	*-160.07*	
		For >100 To 200, Deduct	*-193.06*	
		For >200, Deduct	*-215.59*	
		For 20 Year Warranty, Add	*73.18*	
07 32 13 00-0005	SQ	Americana (Blue) Tile, 158 Piece Per SQ	1,744.01	241.57
		For >25 To 50, Deduct	*-75.65*	
		For >50 To 75, Deduct	*-138.16*	
		For >75 To 100, Deduct	*-188.07*	
		For >100 To 200, Deduct	*-225.36*	
		For >200, Deduct	*-250.05*	
		For 20 Year Warranty, Add	*88.26*	
07 32 13 00-0006	SQ	French Tile Roofing, Red, 133 Piece Per SQ	1,518.81	295.36
		For >25 To 50, Deduct	*-55.69*	
		For >50 To 75, Deduct	*-107.58*	
		For >75 To 100, Deduct	*-150.19*	
		For >100 To 200, Deduct	*-183.52*	
		For >200, Deduct	*-207.57*	
		For 20 Year Warranty, Add	*64.97*	
07 32 13 00-0007	SQ	French Tile Roofing, Blue Or Green, 133 Piece Per SQ	1,897.67	295.36
		For >25 To 50, Deduct	*-78.42*	
		For >50 To 75, Deduct	*-145.46*	
		For >75 To 100, Deduct	*-199.44*	
		For >100 To 200, Deduct	*-240.35*	
		For >200, Deduct	*-268.19*	
		For 20 Year Warranty, Add	*91.49*	
07 32 13 00-0008	SQ	Norman Tile Roofing, 317 Piece Per SQ	2,418.99	398.45
		For >25 To 50, Deduct	*-97.34*	
		For >50 To 75, Deduct	*-182.15*	
		For >75 To 100, Deduct	*-250.74*	
		For >100 To 200, Deduct	*-303.10*	
		For >200, Deduct	*-339.24*	
		For 20 Year Warranty, Add	*113.56*	
07 32 13 00-0009	SQ	Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ	1,329.25	295.36
		For >25 To 50, Deduct	*-44.31*	
		For >50 To 75, Deduct	*-88.62*	
		For >75 To 100, Deduct	*-125.55*	
		For >100 To 200, Deduct	*-155.09*	
		For >200, Deduct	*-177.24*	
		For 20 Year Warranty, Add	*51.70*	
07 32 13 00-0010	SQ	Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ	1,636.16	295.36
		For >25 To 50, Deduct	*-62.73*	
		For >50 To 75, Deduct	*-119.31*	
		For >75 To 100, Deduct	*-165.44*	
		For >100 To 200, Deduct	*-201.12*	
		For >200, Deduct	*-226.34*	
		For 20 Year Warranty, Add	*73.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0011	SQ	Spanish Tile Roofing, Red, 171 Piece Per SQ	1,141.68	221.14
		For >25 To 50, Deduct	*-41.96*	
		For >50 To 75, Deduct	*-80.99*	
		For >75 To 100, Deduct	*-113.03*	
		For >100 To 200, Deduct	*-138.08*	
		For >200, Deduct	*-156.13*	
		For 20 Year Warranty, Add	*48.95*	
07 32 13 00-0012	SQ	Spanish Tile Roofing, Blend, 171 Piece Per SQ	1,472.41	221.14
		For >25 To 50, Deduct	*-61.80*	
		For >50 To 75, Deduct	*-114.07*	
		For >75 To 100, Deduct	*-156.03*	
		For >100 To 200, Deduct	*-187.69*	
		For >200, Deduct	*-209.05*	
		For 20 Year Warranty, Add	*72.10*	
07 32 13 00-0013	SQ	Spanish Tile Roofing, Glazed White, 171 Piece Per SQ	1,757.00	221.14
		For >25 To 50, Deduct	*-78.88*	
		For >50 To 75, Deduct	*-142.52*	
		For >75 To 100, Deduct	*-193.02*	
		For >100 To 200, Deduct	*-230.37*	
		For >200, Deduct	*-254.58*	
		For 20 Year Warranty, Add	*92.03*	
07 32 13 00-0014	SQ	Two Piece Mission Tile Roofing, 192 Piece Per SQ	2,123.34	346.65
		For >25 To 50, Deduct	*-85.80*	
		For >50 To 75, Deduct	*-160.34*	
		For >75 To 100, Deduct	*-220.57*	
		For >100 To 200, Deduct	*-266.50*	
		For >200, Deduct	*-298.14*	
		For 20 Year Warranty, Add	*100.10*	
07 32 13 00-0015	SQ	One Piece Mission Tile Roofing, 75 Piece Per SQ	944.09	241.57
		For >25 To 50, Deduct	*-27.65*	
		For >50 To 75, Deduct	*-58.17*	
		For >75 To 100, Deduct	*-84.08*	
		For >100 To 200, Deduct	*-105.37*	
		For >200, Deduct	*-122.06*	
		For 20 Year Warranty, Add	*32.26*	
07 32 13 00-0016	SQ	One Piece Mission Tile Roofing, 134 Piece Per SQ	1,258.05	346.65
		For >25 To 50, Deduct	*-33.88*	
		For >50 To 75, Deduct	*-73.81*	
		For >75 To 100, Deduct	*-108.08*	
		For >100 To 200, Deduct	*-136.71*	
		For >200, Deduct	*-159.69*	
		For 20 Year Warranty, Add	*39.53*	

07 32 16 Concrete Roof Tiles *(07 32)*

07 32 16 00-0001 Corrugated Tiles And Shakes Nailed To Wood *(07 32 16)*

Note: Includes 30 lb felt underlayment.

07 32 16 00-0002	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated	998.55	366.18
		For >50 To 75, Deduct	*-10.64*	
		For >75 To 100, Deduct	*-36.94*	
		For >100 To 200, Deduct	*-65.89*	
		For >200, Deduct	*-92.19*	
		For Steep Roof, Over 7 To 12, Add	*234.39*	
07 32 16 00-0003	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Blues, Corrugated	1,260.67	366.18
		For >50 To 75, Deduct	*-21.13*	
		For >75 To 100, Deduct	*-55.29*	
		For >100 To 200, Deduct	*-94.73*	
		For >200, Deduct	*-128.88*	
		For Steep Roof, Over 7 To 12, Add	*234.39*	
07 32 16 00-0004	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Greens Corrugated	1,050.97	366.18
		For >50 To 75, Deduct	*-12.74*	
		For >75 To 100, Deduct	*-40.61*	
		For >100 To 200, Deduct	*-71.66*	
		For >200, Deduct	*-99.53*	
		For Steep Roof, Over 7 To 12, Add	*234.39*	
07 32 16 00-0005	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes	986.98	327.63
		For >50 To 75, Deduct	*-13.26*	
		For >75 To 100, Deduct	*-39.60*	
		For >100 To 200, Deduct	*-69.25*	
		For >200, Deduct	*-95.58*	
		For Steep Roof, Over 7 To 12, Add	*209.72*	

07 32 16 00-0006 Accessories *(07 32 16)*

07 32 16 00-0007	EA	Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof	4.43
07 32 16 00-0008	EA	Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof	2.91
07 32 16 00-0009	EA	Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof	4.40
07 32 16 00-0010	EA	Hip Starter, 10" X 16-1/2", 10.5 LB Each For Concrete Tile Roof	5.04
07 32 16 00-0011	EA	3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof	5.24

07 32 16 00-0012 ConcreteTiles Accessories (Boral) *(07 32 16)*

07 32 16 00-0013	EA	Saxony Galvanized Clip For Concrete Roof Tile	0.21
07 32 16 00-0014	EA	1" x 3" x 8" Elevated Battens For Concrete Roof Tile	4.34

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 16 00-0015		Concrete Roof Tiles (Boral) *(07 32 16)*		
07 32 16 00-0016	SQ	13" x 17" Concrete Roof Tile, 85/SQ, 930 LB/SQ, Saxony® 900 Slate, California Mission Blend Color	904.19	366.18
		For >50 To 75, Deduct	*-6.87*	
		For >75 To 100, Deduct	*-30.33*	
		For >100 To 200, Deduct	*-55.51*	
		For >200, Deduct	*-78.98*	
		For Steep Roof, Over 7 To 12, Add	*234.39*	

07 34 Roofing Underlayment *(07 30)*

07 34 00 00-0001		Mechanically Fastened, Roofing Underlayment *(07 34)*		
		Note: Standard slope.		
07 34 00 00-0002	SQ	15 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	37.25	7.39
		For Steep Roof, Over 7 To 12, Add	*4.73*	
		For >50 To 75, Deduct	*-0.90*	
		For >75 To 100, Deduct	*-1.94*	
		For >100 To 200, Deduct	*-3.21*	
		For >200, Deduct	*-4.62*	
07 34 00 00-0003	SQ	30 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	57.88	10.17
		For Steep Roof, Over 7 To 12, Add	*6.51*	
		For >50 To 75, Deduct	*-1.50*	
		For >75 To 100, Deduct	*-3.14*	
		For >100 To 200, Deduct	*-5.15*	
		For >200, Deduct	*-7.29*	
07 34 00 00-0004	SQ	30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened	64.95	10.17
		For Steep Roof, Over 7 To 12, Add	*6.51*	
		For >50 To 75, Deduct	*-1.78*	
		For >75 To 100, Deduct	*-3.63*	
		For >100 To 200, Deduct	*-5.92*	
		For >200, Deduct	*-8.28*	
07 34 00 00-0005	SQ	Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt)	70.91	15.41
		For Steep Roof, Over 7 To 12, Add	*9.86*	
		For >50 To 75, Deduct	*-1.60*	
		For >75 To 100, Deduct	*-3.58*	
		For >100 To 200, Deduct	*-5.95*	
		For >200, Deduct	*-8.70*	
07 34 00 00-0006	SQ	17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25)	79.28	15.41
		For Steep Roof, Over 7 To 12, Add	*9.86*	
		For >50 To 75, Deduct	*-1.94*	
		For >75 To 100, Deduct	*-4.16*	
		For >100 To 200, Deduct	*-6.87*	
		For >200, Deduct	*-9.87*	
07 34 00 00-0007	SQ	25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30)	93.08	15.41
		For Steep Roof, Over 7 To 12, Add	*9.86*	
		For >50 To 75, Deduct	*-2.49*	
		For >75 To 100, Deduct	*-5.13*	
		For >100 To 200, Deduct	*-8.39*	
		For >200, Deduct	*-11.80*	
07 34 00 00-0008	SQ	30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50)	86.18	15.41
		For Steep Roof, Over 7 To 12, Add	*9.86*	
		For >50 To 75, Deduct	*-2.21*	
		For >75 To 100, Deduct	*-4.65*	
		For >100 To 200, Deduct	*-7.63*	
		For >200, Deduct	*-10.83*	
07 34 00 00-0009		Self-Adhering, Roofing Underlayment *(07 34)*		
		Note: Standard slope.		
07 34 00 00-0010	SQ	48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat)	151.89	18.69
		For Steep Roof, Over 7 To 12, Add	*11.96*	
		For >50 To 75, Deduct	*-4.58*	
		For >75 To 100, Deduct	*-8.95*	
		For >100 To 200, Deduct	*-14.47*	
		For >200, Deduct	*-19.77*	
07 34 00 00-0011	SQ	60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®)	231.88	18.69
		For Steep Roof, Over 7 To 12, Add	*11.96*	
		For >50 To 75, Deduct	*-7.78*	
		For >75 To 100, Deduct	*-14.55*	
		For >100 To 200, Deduct	*-23.27*	
		For >200, Deduct	*-30.97*	
07 34 00 00-0012	SQ	53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G)	161.78	18.69
		For Steep Roof, Over 7 To 12, Add	*11.96*	
		For >50 To 75, Deduct	*-4.98*	
		For >75 To 100, Deduct	*-9.64*	
		For >100 To 200, Deduct	*-15.55*	
		For >200, Deduct	*-21.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0013	SQ	65 Mil, Fire Rated, Polyester Non Woven Fabric Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal)	151.89	18.69
		For Steep Roof, Over 7 To 12, Add	*11.96*	
		For >50 To 75, Deduct	*-4.58*	
		For >75 To 100, Deduct	*-8.95*	
		For >100 To 200, Deduct	*-14.47*	
		For >200, Deduct	*-19.77*	
07 34 00 00-0014	SQ	45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30)	220.34	18.69
		For Steep Roof, Over 7 To 12, Add	*11.96*	
		For >50 To 75, Deduct	*-7.32*	
		For >75 To 100, Deduct	*-13.74*	
		For >100 To 200, Deduct	*-22.00*	
		For >200, Deduct	*-29.35*	
07 34 00 00-0015	SQ	25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select)	184.20	18.69
		For Steep Roof, Over 7 To 12, Add	*11.96*	
		For >50 To 75, Deduct	*-5.87*	
		For >75 To 100, Deduct	*-11.21*	
		For >100 To 200, Deduct	*-18.02*	
		For >200, Deduct	*-24.29*	
07 34 00 00-0016	SQ	40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®)	277.34	18.69
		For Steep Roof, Over 7 To 12, Add	*11.96*	
		For >50 To 75, Deduct	*-9.60*	
		For >75 To 100, Deduct	*-17.73*	
		For >100 To 200, Deduct	*-28.27*	
		For >200, Deduct	*-37.33*	
07 34 00 00-0017	SQ	40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT)	318.14	18.69
		For Steep Roof, Over 7 To 12, Add	*11.96*	
		For >50 To 75, Deduct	*-11.23*	
		For >75 To 100, Deduct	*-20.59*	
		For >100 To 200, Deduct	*-32.75*	
		For >200, Deduct	*-43.05*	
07 34 00 00-0018	SQ	30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra)	471.22	18.69
		For Steep Roof, Over 7 To 12, Add	*11.96*	
		For >50 To 75, Deduct	*-17.35*	
		For >75 To 100, Deduct	*-31.30*	
		For >100 To 200, Deduct	*-49.59*	
		For >200, Deduct	*-64.48*	

07 40 Roofing and Siding Panels *(07)*

07 41 Roof Panels *(07 40)*

Note: Includes standard fasteners, grommets, cleats for installation.

07 41 13 Metal Roof Panels *(07 41)*

07 41 13 00-0001 Exposed Fastener Metal Roofing *(07 41 13)*

Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.

07 41 13 00-0002 Galvanized Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0003 Galvanized Steel Exposed Fastener Metal Roof Panels *(07 41 13 00-0002)*

07 41 13 00-0004	SF	18 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	8.07	2.46
		For Fluoropolymer (Kynar®) Coating, Add	*1.38*	
		For Steep Roof, Over 7 To 12, Add	*1.26*	
07 41 13 00-0005	SF	20 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	7.34	2.46
		For Fluoropolymer (Kynar®) Coating, Add	*1.38*	
		For Steep Roof, Over 7 To 12, Add	*1.26*	
07 41 13 00-0006	SF	22 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	6.83	2.46
		For Fluoropolymer (Kynar®) Coating, Add	*1.38*	
		For Steep Roof, Over 7 To 12, Add	*1.26*	
07 41 13 00-0007	SF	24 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	6.33	2.46
		For Fluoropolymer (Kynar®) Coating, Add	*1.38*	
		For Steep Roof, Over 7 To 12, Add	*1.26*	
07 41 13 00-0008	SF	26 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	5.91	2.46
		For Fluoropolymer (Kynar®) Coating, Add	*1.38*	
		For Steep Roof, Over 7 To 12, Add	*1.26*	
07 41 13 00-0009	SF	28 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	5.56	2.46
		For Fluoropolymer (Kynar®) Coating, Add	*1.38*	
		For Steep Roof, Over 7 To 12, Add	*1.26*	
07 41 13 00-0010	SF	30 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	5.41	2.46
		For Fluoropolymer (Kynar®) Coating, Add	*1.38*	
		For Steep Roof, Over 7 To 12, Add	*1.26*	

07 41 13 00-0011 Galvanized Exposed Fastener Metal Roof Accessories *(07 41 13 00-0002)*

See CSI section 07 41 13 00-0038 for accessories.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0012	LF	Ridge Flashing For Galvanized Steel Exposed Fastener Roofing	26.37	2.56
		For Steep Roof, Over 7 To 12, Add	*3.32*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.60*	
07 41 13 00-0013	LF	9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Exposed Fastener Roofing	16.40	1.68
		For Steep Roof, Over 7 To 12, Add	*2.21*	
		For Fluoropolymer (Kynar®) Coating, Add	*0.95*	
07 41 13 00-0014	LF	Valley Flashing For Galvanized Steel Exposed Fastener Roofing	32.66	2.56
		For Steep Roof, Over 7 To 12, Add	*3.32*	
		For Fluoropolymer (Kynar®) Coating, Add	*2.23*	
07 41 13 00-0015	LF	Hip Flashing For Galvanized Steel Exposed Fastener Roofing	26.95	2.56
		For Steep Roof, Over 7 To 12, Add	*3.32*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.66*	

07 41 13 00-0016 Aluminum Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0017 Aluminum Exposed Fastener Metal Roof Panels *(07 41 13 00-0016)*

07 41 13 00-0018	SF	0.0155", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	5.48	2.46
		For Fluoropolymer (Kynar®) Coating, Add	*1.38*	
		For Steep Roof, Over 7 To 12, Add	*1.26*	
07 41 13 00-0019	SF	0.018", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	5.73	2.46
		For Fluoropolymer (Kynar®) Coating, Add	*1.38*	
		For Steep Roof, Over 7 To 12, Add	*1.26*	
07 41 13 00-0020	SF	0.024", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	6.32	2.46
		For Fluoropolymer (Kynar®) Coating, Add	*1.38*	
		For Steep Roof, Over 7 To 12, Add	*1.26*	
07 41 13 00-0021	SF	0.032", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	7.11	2.46
		For Fluoropolymer (Kynar®) Coating, Add	*1.38*	
		For Steep Roof, Over 7 To 12, Add	*1.26*	
07 41 13 00-0022	SF	0.040", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	7.91	2.46
		For Fluoropolymer (Kynar®) Coating, Add	*1.38*	
		For Steep Roof, Over 7 To 12, Add	*1.26*	
07 41 13 00-0023	SF	0.050", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	8.90	2.46
		For Fluoropolymer (Kynar®) Coating, Add	*1.38*	
		For Steep Roof, Over 7 To 12, Add	*1.26*	

07 41 13 00-0024 Aluminum Exposed Fastener Metal Roof Accessories *(07 41 13 00-0016)*

07 41 13 00-0025	LF	Ridge Flashing For Aluminum Exposed Fastener Metal Roofing	30.23	2.56
		For Steep Roof, Over 7 To 12, Add	*3.32*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.99*	
07 41 13 00-0026	LF	9" To 12" Girth, Eave Or Gable Flashing For Aluminum Exposed Fastener Metal Roofing	18.62	1.78
		For Steep Roof, Over 7 To 12, Add	*2.21*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.17*	
07 41 13 00-0027	LF	Valley Flashing For Aluminum Exposed Fastener Metal Roofing	38.09	2.56
		For Steep Roof, Over 7 To 12, Add	*3.32*	
		For Fluoropolymer (Kynar®) Coating, Add	*2.77*	
07 41 13 00-0028	LF	Hip Flashing For Aluminum Exposed Fastener Metal Roofing	30.95	2.56
		For Steep Roof, Over 7 To 12, Add	*3.32*	
		For Fluoropolymer (Kynar®) Coating, Add	*2.06*	

07 41 13 00-0029 Standing Seam Roofs *(07 41 13)*

Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.

07 41 13 00-0030 Galvanized Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

Note: All steel is galvanized G90 rated or galvalume®. Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.

07 41 13 00-0031 Galvanized Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0030)*

07 41 13 00-0032	SF	Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.52	2.62
		For Steep Roof, Over 6 To 12, Add	*1.57*	
		For Panels <16" Wide, Add	*1.59*	
		For 140 MPH Wind Load, Add	*0.67*	
		For Up To 1,500, Add	*3.13*	
		For >1,500 To 5,000, Add	*1.88*	
		For >5,000 To 10,000, Add	*0.31*	
07 41 13 00-0033	SF	Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.21	2.62
		For Steep Roof, Over 6 To 12, Add	*1.57*	
		For Panels <16" Wide, Add	*1.63*	
		For 140 MPH Wind Load, Add	*0.68*	
		For Up To 1,500, Add	*3.30*	
		For >1,500 To 5,000, Add	*1.98*	
		For >5,000 To 10,000, Add	*0.33*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0034	SF	Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	11.92	2.62
		For Steep Roof, Over 6 To 12, Add	*1.57*	
		For Panels <16" Wide, Add	*1.56*	
		For 140 MPH Wind Load, Add	*0.66*	
		For Up To 1,500, Add	*2.98*	
		For >1,500 To 5,000, Add	*1.79*	
		For >5,000 To 10,000, Add	*0.30*	
07 41 13 00-0035	SF	Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.16	2.62
		For Steep Roof, Over 6 To 12, Add	*1.57*	
		For Panels <16" Wide, Add	*1.58*	
		For 140 MPH Wind Load, Add	*0.66*	
		For Up To 1,500, Add	*3.04*	
		For >1,500 To 5,000, Add	*1.82*	
		For >5,000 To 10,000, Add	*0.30*	
07 41 13 00-0036	SF	Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.43	2.62
		For Steep Roof, Over 6 To 12, Add	*1.57*	
		For Panels <16" Wide, Add	*1.59*	
		For 140 MPH Wind Load, Add	*0.67*	
		For Up To 1,500, Add	*3.11*	
		For >1,500 To 5,000, Add	*1.86*	
		For >5,000 To 10,000, Add	*0.31*	
07 41 13 00-0037	SF	Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.43	2.62
		For Steep Roof, Over 6 To 12, Add	*1.57*	
		For Panels <16" Wide, Add	*1.64*	
		For 140 MPH Wind Load, Add	*0.69*	
		For Up To 1,500, Add	*3.36*	
		For >1,500 To 5,000, Add	*2.01*	
		For >5,000 To 10,000, Add	*0.34*	

07 41 13 00-0038 Accessories For Galvanized Steel Standing Seam Roofing *(07 41 13 00-0030)*

07 41 13 00-0039	LF	Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	27.97	2.56
		For Steep Roof, Over 6 To 12, Add	*3.11*	
		For 140 MPH Wind Load, Add	*1.39*	
07 41 13 00-0040	LF	9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	17.35	1.78
		For Steep Roof, Over 6 To 12, Add	*2.07*	
		For 140 MPH Wind Load, Add	*0.90*	
07 41 13 00-0041	LF	Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	34.89	2.56
		For Steep Roof, Over 6 To 12, Add	*3.11*	
		For 140 MPH Wind Load, Add	*1.53*	
07 41 13 00-0042	LF	Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	28.60	2.56
		For Steep Roof, Over 6 To 12, Add	*3.11*	
		For 140 MPH Wind Load, Add	*1.40*	

07 41 13 00-0043 Aluminum Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

Note: Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.

07 41 13 00-0044 Aluminum Standing Seam Concealed Fastener Roofing *(07 41 13 00-0043)*

07 41 13 00-0045	SF	Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	13.00	2.62
		For Steep Roof, Over 6 To 12, Add	*1.57*	
		For 140 MPH Wind Load, Add	*0.68*	
		For Up To 1,500, Add	*3.25*	
		For Panels < 16" Wide, Add	*1.62*	
		For Up To 5000, Add	*0.68*	
		For > 5000 To 10000, Add	*0.33*	
07 41 13 00-0046	SF	Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	13.59	2.62
		For Steep Roof, Over 6 To 12, Add	*1.57*	
		For 140 MPH Wind Load, Add	*0.69*	
		For Up To 1,500, Add	*3.40*	
		For Panels < 16" Wide, Add	*1.65*	
		For Up To 5000, Add	*0.69*	
		For > 5000 To 10000, Add	*0.34*	
07 41 13 00-0047	SF	Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	12.67	2.62
		For Steep Roof, Over 6 To 12, Add	*1.57*	
		For 140 MPH Wind Load, Add	*0.67*	
		For Up To 1,500, Add	*3.17*	
		For Panels < 16" Wide, Add	*1.60*	
		For Up To 5000, Add	*0.67*	
		For > 5000 To 10000, Add	*0.32*	
07 41 13 00-0048	SF	Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	13.75	2.62
		For Steep Roof, Over 6 To 12, Add	*1.57*	
		For 140 MPH Wind Load, Add	*0.69*	
		For Up To 1,500, Add	*3.44*	
		For Panels < 16" Wide, Add	*1.66*	
		For Up To 5000, Add	*0.69*	
		For > 5000 To 10000, Add	*0.34*	

07 41 13 00-0049 Accessories For Aluminum Standing Seam Roofing *(07 41 13 00-0043)*

07 41 13 00-0050	LF	Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing	32.21	2.56
		For Steep Roof, Over 6 To 12, Add	*3.11*	
		For 140 MPH Wind Load, Add	*1.47*	
07 41 13 00-0051	LF	9" To 12" Girth, Eave Or Gable Flashing For Aluminum Standing Seam Concealed Fastener Roofing	19.79	1.78
		For Steep Roof, Over 6 To 12, Add	*2.07*	
		For 140 MPH Wind Load, Add	*0.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0052	LF	Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing	40.86	2.56
		For Steep Roof, Over 6 To 12, Add	*3.11*	
		For 140 MPH Wind Load, Add	*1.65*	
07 41 13 00-0053	LF	Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing	33.00	2.56
		For Steep Roof, Over 6 To 12, Add	*3.11*	
		For 140 MPH Wind Load, Add	*1.49*	
07 41 13 00-0054		Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*		
07 41 13 00-0055		Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0054)*		
07 41 13 00-0056	SF	Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	24.63	3.14
		For Steep Roof, Over 6 To 12, Add	*2.36*	
		For 140 MPH Wind Load, Add	*1.12*	
		For Up To 1,500, Add	*6.16*	
		For Up To 5000, Add	*2.46*	
		For > 5000 To 10000, Add	*0.62*	
		For Panels < 16" Wide, Add	*2.68*	
07 41 13 00-0057	SF	Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	28.20	3.14
		For Steep Roof, Over 6 To 12, Add	*2.36*	
		For 140 MPH Wind Load, Add	*1.19*	
		For Up To 1,500, Add	*7.05*	
		For Up To 5000, Add	*2.82*	
		For > 5000 To 10000, Add	*0.71*	
		For Panels < 16" Wide, Add	*2.86*	
07 41 13 00-0058	SF	Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	32.43	3.14
		For Steep Roof, Over 6 To 12, Add	*2.36*	
		For 140 MPH Wind Load, Add	*1.28*	
		For Up To 1,500, Add	*8.11*	
		For Up To 5000, Add	*3.24*	
		For > 5000 To 10000, Add	*0.81*	
		For Panels < 16" Wide, Add	*3.07*	
07 41 13 00-0059	SF	Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	37.86	3.14
		For Steep Roof, Over 6 To 12, Add	*2.36*	
		For 140 MPH Wind Load, Add	*1.39*	
		For Up To 1,500, Add	*9.47*	
		For Up To 5000, Add	*3.79*	
		For > 5000 To 10000, Add	*0.95*	
		For Panels < 16" Wide, Add	*3.35*	
07 41 13 00-0060		Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0054)*		
07 41 13 00-0061	LF	Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	76.98	2.87
		For Steep Roof, Over 6 To 12, Add	*3.44*	
		For 140 MPH Wind Load, Add	*2.46*	
07 41 13 00-0062	LF	9" To 12" Girth, Eave Or Gable Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	41.39	1.88
		For Steep Roof, Over 6 To 12, Add	*2.28*	
		For 140 MPH Wind Load, Add	*1.44*	
07 41 13 00-0063	LF	Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	106.88	2.87
		For Steep Roof, Over 6 To 12, Add	*3.41*	
		For 140 MPH Wind Load, Add	*3.05*	
07 41 13 00-0064	LF	Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	79.35	2.87
		For Steep Roof, Over 6 To 12, Add	*3.44*	
		For 140 MPH Wind Load, Add	*2.50*	
07 41 13 00-0065		Metal Roof Surfacing *(07 41 13)*		
07 41 13 00-0066	SF	Acrylic, Metal Roof Primer, One Coat	0.45	
		For Steep Roof, Over 7 To 12, Add	*0.06*	
07 41 13 00-0067	SF	Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat Note: 55% solids by volume.	0.69	
		For Steep Roof, Over 7 To 12, Add	*0.06*	
07 41 33		**Plastic Roof Panels** *(07 41)*		
07 41 33 00-0001		Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33)*		
07 41 33 00-0002		Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33 00-0001)*		
07 41 33 00-0003	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide	7.31	2.05
07 41 33 00-0004	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide	7.15	1.85
07 41 33 00-0005	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide	7.68	2.05
07 41 33 00-0006	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide	7.45	1.85
07 41 33 00-0007		Polyvinyl Chloride (PVC) Roofing Accessories *(07 41 33 00-0001)*		
07 41 33 00-0008	LF	1" "J" Channel, Starter Strip Trim	4.19	1.54
07 41 33 00-0009	LF	3-1/2" "J" Channel, Starter Strip Trim	6.93	1.54
07 41 33 00-0010	LF	Outside Corner Post, 7/8" Pocket	7.72	1.54
07 41 33 00-0011	LF	Inside Corner Post, 7/8" Pocket	5.59	1.54
07 41 33 00-0012		Fiberglass Roofing Panel *(07 41 33)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 33 00-0013		Corrugated Panels *(07 41 33 00-0012)*		
07 41 33 00-0014	SF	8 Ounce Corrugated Fiberglass Panel	6.27	1.65
07 41 33 00-0015	SF	12 Ounce Corrugated Fiberglass Panel	7.23	1.65

07 42 Wall Panels *(07 40)*

07 42 13 Metal Wall Panels *(07 42)*

07 42 13 19 Insulated Metal Wall Panels *(07 42 13)*

07 42 13 19-0001		Insulated Panels For Sash/Window Replacement *(07 42 13 19)* Note: Porcelain or polymer finish on aluminum panel with polystyrene core.		
07 42 13 19-0002	SF	1" Insulated Panel For Sash Or Window Replacement	23.85	4.02
		For Non-Insulated Panels, Deduct	*-3.94*	
07 42 13 19-0003	SF	1-1/4" Insulated Panel For Sash Or Window Replacement	25.79	4.52
		For Non-Insulated Panels, Deduct	*-4.21*	
07 42 13 19-0004	SF	1-3/4" Insulated Panel For Sash Or Window Replacement	27.57	5.03
		For Non-Insulated Panels, Deduct	*-4.48*	
07 42 13 19-0005	SF	2-1/4" Insulated Panel For Sash Or Window Replacement	29.46	5.23
		For Non-Insulated Panels, Deduct	*-4.75*	
07 42 13 19-0006	SF	3-1/4" Insulated Panel For Sash Or Window Replacement	33.49	5.73
		For Non-Insulated Panels, Deduct	*-5.52*	
07 42 13 19-0007	SF	4-1/4" Insulated Panel For Sash Or Window Replacement	39.04	6.33
		For Non-Insulated Panels, Deduct	*-6.62*	

07 42 13 23 Metal Composite Material Wall Panels *(07 42 13)*

07 42 13 23-0001		24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels *(07 42 13 23)* Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume® AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.		
07 42 13 23-0002	SF	2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	21.14	2.27
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0003	SF	2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	23.65	2.56
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0004	SF	3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	25.77	2.91
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0005	SF	4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	28.56	3.85
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	

07 42 63 Fabricated Wall Panel Assemblies *(07 42)*

07 42 63 00-0001		Insulated Freezer And Chiller Panels *(07 42 63)* Note: Excludes suspension system for ceiling support.		
07 42 63 00-0002		Polyurethane Sandwich Panel *(07 42 63 00-0001)* Note: With 22 gauge galvanized sheet metal face excludes painting.		
07 42 63 00-0003	SF	2" 22 Gauge Freezer Panel Sheet Metal Both Faces	26.52	1.69
07 42 63 00-0004	SF	3" 22 Gauge Freezer Panel Sheet Metal Both Faces	28.18	1.69
07 42 63 00-0005	SF	4" 22 Gauge Freezer Panel Sheet Metal Both Faces	33.79	1.69
07 42 63 00-0006	SF	5" 22 Gauge Freezer Panel Sheet Metal Both Faces	36.65	1.80
07 42 63 00-0007	SF	6" 22 Gauge Freezer Panel Sheet Metal Both Faces	38.97	1.80
07 42 63 00-0008	SF	2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	23.83	1.40
07 42 63 00-0009	SF	3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	26.04	1.40
07 42 63 00-0010	SF	4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	31.63	1.50
07 42 63 00-0011	SF	5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	30.61	1.50
07 42 63 00-0012	SF	6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	36.21	1.50
07 42 63 00-0013		Polyurethane Sandwich Panel *(07 42 63 00-0001)* Note: With .040 aluminum baked enamel finish.		
07 42 63 00-0014	SF	2" Freezer Panel 0.040" Aluminum Finish Both Faces	10.41	1.69
07 42 63 00-0015	SF	3" Freezer Panel 0.040" Aluminum Finish Both Faces	11.05	1.69
07 42 63 00-0016	SF	4" Freezer Panel 0.040" Aluminum Finish Both Faces	12.75	1.69
07 42 63 00-0017	SF	5" Freezer Panel 0.040" Aluminum Finish Both Faces	13.81	1.80
07 42 63 00-0018	SF	6" Freezer Panel 0.040" Aluminum Finish Both Faces	14.56	1.80
07 42 63 00-0019	SF	2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	9.28	1.40
07 42 63 00-0020	SF	3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	9.93	1.40
07 42 63 00-0021	SF	4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	10.63	1.50
07 42 63 00-0022	SF	5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	12.33	1.50
07 42 63 00-0023	SF	6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	13.37	1.50

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 42 93		**Soffit Panels** *(07 42)*		
07 42 93 00-0001		Aluminum Soffit And Fascia *(07 42 93)*		
		Note: Excludes J-channel.		
07 42 93 00-0002	LF	6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	4.27	1.40
		For 0.015" Thick, Deduct	*-0.09*	
07 42 93 00-0003	LF	10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	5.38	1.48
		For 0.015" Thick, Deduct	*-0.16*	
07 42 93 00-0004	LF	1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	5.93	1.52
		For 0.015" Thick, Deduct	*-0.21*	
07 42 93 00-0005	LF	1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	7.53	1.60
		For 0.015" Thick, Deduct	*-0.30*	
07 42 93 00-0006	LF	2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	9.29	1.75
		For 0.015" Thick, Deduct	*-0.42*	
07 42 93 00-0007	LF	3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	12.53	1.93
		For 0.015" Thick, Deduct	*-0.63*	
07 42 93 00-0008	LF	4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	15.81	2.13
		For 0.015" Thick, Deduct	*-0.84*	
07 42 93 00-0009	LF	5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	19.12	2.34
		For 0.015" Thick, Deduct	*-1.04*	
07 42 93 00-0010	LF	4" Exposure, 0.024" Thick, Aluminum Fascia	5.12	1.37
07 42 93 00-0011	LF	6" Exposure, 0.024" Thick, Aluminum Fascia	5.64	1.40
07 42 93 00-0012	LF	8" Exposure, 0.024" Thick, Aluminum Fascia	6.69	1.45
07 42 93 00-0013	LF	10" Exposure, 0.024" Thick, Aluminum Fascia	7.82	1.48
07 46		**Siding** *(07 40)*		
07 46 16		**Aluminum Siding** *(07 46)*		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 16 00-0001		Aluminum Coil Stock Cladding *(07 46 16)*		
		Note: Per SF of board, includes overlappage.		
07 46 16 00-0002	SF	0.016" Thick, Aluminum Clad Siding	10.84	3.35
07 46 16 00-0003	SF	0.019" Thick, Aluminum Clad Siding	11.01	3.35
07 46 16 00-0004	SF	0.024" Thick, Aluminum Clad Siding	11.28	3.35
07 46 16 00-0005		Aluminum Siding Panels *(07 46 16)*		
07 46 16 00-0006		Corrugated Aluminum Siding Panels *(07 46 16 00-0005)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0007	SF	0.019", Painted Finish, Corrugated Aluminum Siding Panel	8.26	1.98
07 46 16 00-0008	SF	0.021", Painted Finish, Corrugated Aluminum Siding Panel	8.65	1.98
07 46 16 00-0009	SF	0.024", Painted Finish, Corrugated Aluminum Siding Panel	9.85	1.98
07 46 16 00-0010	SF	0.032", Painted Finish, Corrugated Aluminum Siding Panel	12.20	1.98
07 46 16 00-0011		V- Beam Aluminum Siding Panels *(07 46 16 00-0005)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0012	SF	0.032", Painted Finish, V- Beam Aluminum Siding Panel	12.10	1.98
07 46 16 00-0013	SF	0.040", Painted Finish, V- Beam Aluminum Siding Panel	13.68	1.98
07 46 16 00-0014	SF	0.050", Painted Finish, V- Beam Aluminum Siding Panel	17.42	1.98
07 46 16 00-0015		Box Ribbed Aluminum Siding Panels *(07 46 16 00-0005)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0016	SF	0.032", Painted Finish, Box Ribbed Aluminum Siding Panel	12.80	1.98
07 46 16 00-0017	SF	0.040", Painted Finish, Box Ribbed Aluminum Siding Panel	14.32	1.98
07 46 16 00-0018	SF	0.050", Painted Finish, Box Ribbed Aluminum Siding Panel	15.25	1.98
07 46 16 00-0019		Aluminum Siding Accessories *(07 46 16)*		
07 46 16 00-0020	LF	3/8" Pocket, Aluminum J-Channel	3.27	1.31
07 46 16 00-0021	LF	1/2" Pocket, Aluminum J-Channel	3.27	1.31
07 46 16 00-0022	LF	3/4" Pocket, Aluminum J-Channel	3.93	1.31
07 46 16 00-0023	LF	3/8" Pocket, Aluminum F-Channel	3.67	1.31
07 46 16 00-0024	LF	1/2" Pocket, Aluminum F-Channel	3.67	1.31
07 46 19		**Steel Siding** *(07 46)*		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 19 00-0001		Steel Siding Panels *(07 46 19)*		
07 46 19 00-0002		Corrugated Steel Siding Panels *(07 46 19 00-0001)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0003	SF	20 Gauge, Painted Finish, Corrugated Steel Siding Panel	12.10	1.98
		For Galvanized Instead Of Painted Steel, Add	*2.04*	
07 46 19 00-0004	SF	22 Gauge, Painted Finish, Corrugated Steel Siding Panel	11.05	1.98
		For Galvanized Instead Of Painted Steel, Add	*1.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 19 00-0005	SF	24 Gauge, Painted Finish, Corrugated Steel Siding Panel	10.78	1.98
		For Galvanized Instead Of Painted Steel, Add	*1.71*	
07 46 19 00-0006	SF	26 Gauge, Painted Finish, Corrugated Steel Siding Panel	7.68	1.98
		For Galvanized Instead Of Painted Steel, Add	*0.93*	
07 46 19 00-0007	SF	28 Gauge, Painted Finish, Corrugated Steel Siding Panel	7.46	1.98
		For Galvanized Instead Of Painted Steel, Add	*0.88*	
07 46 19 00-0008	SF	30 Gauge, Painted Finish, Corrugated Steel Siding Panel	7.32	1.98
		For Galvanized Instead Of Painted Steel, Add	*0.84*	
07 46 19 00-0009		Box Ribbed Steel Siding Panels *(07 46 19 00-0001)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0010	SF	20 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	11.31	1.98
		For Galvanized Instead Of Painted Steel, Add	*1.84*	
07 46 19 00-0011	SF	22 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	10.84	1.98
		For Galvanized Instead Of Painted Steel, Add	*1.72*	
07 46 19 00-0012	SF	24 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	10.52	1.98
		For Galvanized Instead Of Painted Steel, Add	*1.64*	
07 46 19 00-0013	SF	26 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	10.00	1.98
		For Galvanized Instead Of Painted Steel, Add	*1.51*	
07 46 19 00-0014	SF	28 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	8.87	1.98
		For Galvanized Instead Of Painted Steel, Add	*1.23*	
07 46 19 00-0015		Clapboard Steel Siding Panels *(07 46 19 00-0001)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0016	SF	29 Gauge, Painted Finish, Clapboard Steel Siding Panel	9.84	0.99
07 46 23		**Wood Siding** *(07 46)*		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 23 00-0001		Wood Lap Siding *(07 46 23)*		
07 46 23 00-0002	LF	8" Wide Rough Sawn Cedar Lap Siding	3.40	1.45
07 46 23 00-0003	LF	10" Wide Rough Sawn Cedar Lap Siding	3.67	1.55
07 46 23 00-0004	LF	12" Wide Rough Sawn Cedar Lap Siding	3.95	1.65
07 46 23 00-0005	LF	6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade	3.55	1.45
07 46 23 00-0006	LF	6" To 8" Wide Spruce Lap Siding, #2 Or Better	3.80	1.45
07 46 23 00-0007	LF	6" To 8" Wide Western Red Cedar, B Grade Lap Siding	4.35	1.45
07 46 23 00-0008	LF	6" To 8" Wide Western Red Cedar, A Grade Lap Siding	4.56	1.45
07 46 23 00-0009	LF	6" To 8" Wide Clear Heart Redwood Lap Siding	4.26	1.45
07 46 23 00-0010	LF	1" x 8" Cedar Round Or Flat Front Siding, Log Cabin	3.73	1.55
07 46 23 00-0011	LF	1" x 8" Cedar Beveled Siding, Channel, Rustic	3.73	1.55
07 46 23 00-0012		Tongue And Groove Siding *(07 46 23)*		
07 46 23 00-0013	SF	1" x 6" Tongue And Groove Southern Yellow Pine Siding	3.37	1.45
07 46 23 00-0014	SF	1" x 8" Tongue And Groove Southern Yellow Pine Siding	3.59	1.45
07 46 23 00-0015	SF	1" x 6" 105 Southern Yellow Pine Siding	3.42	1.45
07 46 23 00-0016	SF	1" x 8" 105 Southern Yellow Pine Siding	3.73	1.45
07 46 29		**Plywood Siding** *(07 46)*		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 29 00-0001		T-111 Siding *(07 46 29)*		
07 46 29 00-0002	SF	5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud	2.88	0.71
		For Pressure Treated, Add	*0.18*	
07 46 33		**Plastic Siding** *(07 46)*		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 33 00-0001		Vinyl Siding *(07 46 33)*		
		Note: Includes standard manufacturer's colors.		
07 46 33 00-0002		Vinyl Siding Panels *(07 46 33 00-0001)*		
		Note: Excludes J-channels, starter strips and trim.		
07 46 33 00-0003		Horizontal Vinyl Siding Panels *(07 46 33 00-0002)*		
		Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.		
07 46 33 00-0004	SF	7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	4.93	1.72
		For 0.040" Thick, Deduct	*-0.20*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.60*	
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0005	SF	8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	4.74	1.62
		For 0.040" Thick, Deduct	*-0.20*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.60*	
		For Manufacturer's Custom Colors, Add	*0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0006	SF	9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	4.58	1.55
		For 0.040" Thick, Deduct	*-0.20*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.60*	
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0007	SF	10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	4.43	1.47
		For 0.040" Thick, Deduct	*-0.20*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.60*	
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0008	SF	12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	4.23	1.36
		For 0.040" Thick, Deduct	*-0.20*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.60*	
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0009		**Vertical Vinyl Siding Panels** *(07 46 33 00-0002)*		
07 46 33 00-0010	SF	7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel	6.08	1.72
		For Manufacturer's Custom Colors, Add	*0.13*	
07 46 33 00-0011		**Vinyl Siding Accessories** *(07 46 33 00-0001)*		
07 46 33 00-0012	LF	3/4" Pocket, Outside Corner Post For Vinyl Siding	6.43	1.31
		For Manufacturer's Custom Colors, Add	*0.19*	
07 46 33 00-0013	LF	1-1/8" Pocket, Outside Corner Post For Vinyl Siding	12.22	1.31
		For Manufacturer's Custom Colors, Add	*0.48*	
07 46 33 00-0014	LF	3/4" Pocket, Inside Corner Post For Vinyl Siding	4.97	1.31
		For Manufacturer's Custom Colors, Add	*0.12*	
07 46 33 00-0015	LF	1-1/8" Pocket, Inside Corner Post For Vinyl Siding	6.19	1.31
		For Manufacturer's Custom Colors, Add	*0.18*	
07 46 33 00-0016	LF	3/8" Pocket, J-Channel For Vinyl Siding	3.59	1.31
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0017	LF	1/2" Pocket, J-Channel For Vinyl Siding	3.31	1.31
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0018	LF	5/8" Pocket, J-Channel For Vinyl Siding	3.25	1.31
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0019	LF	3/4" Pocket, J-Channel For Vinyl Siding	3.44	1.31
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0020	LF	1" Pocket, J-Channel For Vinyl Siding	4.13	1.31
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0021	LF	1-1/4" Pocket, J-Channel For Vinyl Siding	4.55	1.31
		For Manufacturer's Custom Colors, Add	*0.10*	
07 46 33 00-0022	LF	2-1/2" Pocket, J-Channel For Vinyl Siding	5.02	1.31
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0023	LF	1/2" Pocket, F-Channel For Vinyl Siding	3.47	1.31
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0024	LF	3/4" Pocket, 3-1/2" Lineal Trim For Vinyl Siding	8.10	1.82
		For Manufacturer's Custom Colors, Add	*0.22*	
07 46 33 00-0025	LF	3/4" Pocket, 5" Lineal Trim For Vinyl Siding	8.51	1.82
		For Manufacturer's Custom Colors, Add	*0.24*	
07 46 33 00-0026	LF	1-1/8" Pocket, 3-1/2" Lineal Trim For Vinyl Siding	9.41	1.82
		For Manufacturer's Custom Colors, Add	*0.29*	
07 46 33 00-0027	LF	3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding	4.74	1.31
		For Manufacturer's Custom Colors, Add	*0.10*	
07 46 33 00-0028	LF	Vinyl Starter Strip For Vinyl Siding	6.02	1.31
		For Manufacturer's Custom Colors, Add	*0.17*	
07 46 33 00-0029	LF	Undersill Trim For Vinyl Siding	5.09	1.31
		For Manufacturer's Custom Colors, Add	*0.12*	
07 46 33 00-0030		**Vinyl Soffit And Fascia** *(07 46 33 00-0001)*		
		Note: Excludes J-channel.		
07 46 33 00-0031	LF	6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	4.19	1.40
		For 0.038" Thick, Deduct	*-0.61*	
		For 0.040" Thick, Deduct	*-0.51*	
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0032	LF	10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	5.24	1.48
		For 0.038" Thick, Deduct	*-1.03*	
		For 0.040" Thick, Deduct	*-0.86*	
		For Manufacturer's Custom Colors, Add	*0.11*	
07 46 33 00-0033	LF	1' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	5.77	1.52
		For 0.038" Thick, Deduct	*-1.25*	
		For 0.040" Thick, Deduct	*-1.05*	
		For Manufacturer's Custom Colors, Add	*0.14*	
07 46 33 00-0034	LF	1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	7.29	1.60
		For 0.038" Thick, Deduct	*-1.88*	
		For 0.040" Thick, Deduct	*-1.56*	
		For Manufacturer's Custom Colors, Add	*0.20*	
07 46 33 00-0035	LF	2' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	8.97	1.75
		For 0.038" Thick, Deduct	*-2.49*	
		For 0.040" Thick, Deduct	*-2.10*	
		For Manufacturer's Custom Colors, Add	*0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0036	LF	3' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	12.05	1.93
		For 0.038" Thick, Deduct	*-3.76*	
		For 0.040" Thick, Deduct	*-3.14*	
		For Manufacturer's Custom Colors, Add	*0.41*	
07 46 33 00-0037	LF	4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	15.17	2.13
		For 0.038" Thick, Deduct	*-5.00*	
		For 0.040" Thick, Deduct	*-4.19*	
		For Manufacturer's Custom Colors, Add	*0.55*	
07 46 33 00-0038	LF	5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	18.32	2.34
		For 0.038" Thick, Deduct	*-6.27*	
		For 0.040" Thick, Deduct	*-5.26*	
		For Manufacturer's Custom Colors, Add	*0.68*	
07 46 33 00-0039	LF	4" Exposure, Vinyl Fascia	4.40	1.37
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0040	LF	6" Exposure, Vinyl Fascia	4.95	1.40
		For Manufacturer's Custom Colors, Add	*0.11*	
07 46 33 00-0041	LF	8" Exposure, Vinyl Fascia	4.87	1.45
		For Manufacturer's Custom Colors, Add	*0.10*	
07 46 33 00-0042	LF	10" Exposure, Vinyl Fascia	5.64	1.48
		For Manufacturer's Custom Colors, Add	*0.13*	
07 46 33 00-0043		Fiberglass Siding *(07 46 33)*		
07 46 33 00-0044		Corrugated Panels *(07 46 33 00-0043)*		
07 46 33 00-0045	SF	6 Ounce Corrugated Fiberglass Panels	6.20	2.03
07 46 33 00-0046	SF	8 Ounce Corrugated Fiberglass Panels	6.61	1.82
07 46 33 00-0047	SF	12 Ounce Corrugated Fiberglass Panels	7.34	1.82
07 46 33 00-0048		Flat Panels *(07 46 33 00-0043)*		
07 46 33 00-0049	SF	6 Ounce Flat Fiberglass Panels	5.94	1.82
07 46 33 00-0050	SF	8 Ounce Flat Fiberglass Panels	6.61	1.82
07 46 46		**Fiber-Cement Siding** *(07 46)*		
		Note: Smooth or patterns. Includes sealer and primer.		
07 46 46 00-0001		5/16" Thick, Fiber Cement Lap Siding *(07 46 46)*		
07 46 46 00-0002	SF	5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.06	2.13
07 46 46 00-0003	SF	6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.76	2.03
07 46 46 00-0004	SF	7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.64	1.98
07 46 46 00-0005	SF	8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.51	1.92
07 46 46 00-0006	SF	9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.26	1.82
07 46 46 00-0007	SF	12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.02	1.72
07 46 46 00-0008	LF	Starter Strip, Fiber Cement Lap Siding	1.33	0.51
07 46 46 00-0009		Fiber Cement Shingle Siding *(07 46 46)*		
07 46 46 00-0010	SF	Fiber Cement Shingle Siding	9.27	1.87
07 46 46 00-0011		Fiber Cement Vertical Panel Siding *(07 46 46)*		
07 46 46 00-0012	SF	Fiber Cement Vertical Panel Siding	4.46	1.52
07 46 46 00-0013		Fiber Cement Trim Boards *(07 46 46)*		
07 46 46 00-0014		7/16" Thick, Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0015	LF	4" Wide, 7/16" Thick, Fiber Cement Trim Board	2.91	1.02
07 46 46 00-0016	LF	6" Wide, 7/16" Thick, Fiber Cement Trim Board	3.69	1.11
07 46 46 00-0017	LF	8" Wide, 7/16" Thick, Fiber Cement Trim Board	4.44	1.21
07 46 46 00-0018	LF	12" Wide, 7/16" Thick, Fiber Cement Trim Board	5.84	1.42
07 46 46 00-0019		3/4" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0020	LF	4" Wide, 3/4" Thick, Fiber Cement Trim Board	3.05	1.02
07 46 46 00-0021	LF	6" Wide, 3/4" Thick, Fiber Cement Trim Board	3.91	1.11
07 46 46 00-0022	LF	8" Wide, 3/4" Thick, Fiber Cement Trim Board	4.81	1.21
07 46 46 00-0023	LF	12" Wide, 3/4" Thick, Fiber Cement Trim Board	5.03	1.42
07 46 46 00-0024		1" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0025	LF	4" Wide, 1" Thick, Fiber Cement Trim Board	3.24	1.02
07 46 46 00-0026	LF	6" Wide, 1" Thick, Fiber Cement Trim Board	4.24	1.11
07 46 46 00-0027	LF	8" Wide, 1" Thick, Fiber Cement Trim Board	5.28	1.21
07 46 46 00-0028	LF	12" Wide, 1" Thick, Fiber Cement Trim Board	7.04	1.42
07 46 46 00-0029		Fiber Cement Fascia Board *(07 46 46)*		
07 46 46 00-0030	LF	5/4" x 3-1/2" Fiber Cement Fascia Board	5.16	2.01

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 46 00-0031	LF	5/4" x 5-1/2" Fiber Cement Fascia Board	6.27	2.23
07 46 46 00-0032	LF	5/4" x 7-1/4" Fiber Cement Fascia Board	6.84	2.23
07 46 46 00-0033	LF	5/4" x 11-1/4" Fiber Cement Fascia Board	8.86	2.62

07 46 46 00-0034 Fiber Cement Soffit Boards *(07 46 46)*

07 46 46 00-0035	SF	1/4" Thick, Non Vented Fiber Cement Soffit	6.75	1.45
07 46 46 00-0036	SF	1/4" Thick, Vented Fiber Cement Soffit	7.24	1.45

07 46 63 Fabricated Panel Assemblies with Siding *(07 46)*

07 46 63 00-0001 Metal Liner Panels *(07 46 63)*

07 46 63 00-0002 Galvanized Metal Liner Panels *(07 46 63 00-0001)*

07 46 63 00-0003	SF	24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	10.86	1.62
07 46 63 00-0004	SF	22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	12.09	1.62
07 46 63 00-0005	SF	20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	14.29	1.62
07 46 63 00-0006	SF	18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	14.51	1.62

07 50 Membrane Roofing *(07)*

See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.

07 51 Built-Up Bituminous Roofing *(07 50)*

07 51 13 Built-Up Asphalt Roofing *(07 51)*

07 51 13 00-0001 Built-Up Asphalt Roofing Components *(07 51 13)*

07 51 13 00-0002 Built-Up Asphalt Membrane Roofing *(07 51 13 00-0001)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0067 for built-up roofing demolition.

07 51 13 00-0003 Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*

Note: Includes applying cold adhesive and embedding the membrane.

07 51 13 00-0004 Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0003)*

07 51 13 00-0005	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied	111.11
		For Up To 10, Add	*28.69*
		For >10 To 20, Add	*15.97*
		For >20 To 40, Add	*8.79*
		For >75 To 100, Deduct	*-4.40*
		For >100 To 200, Deduct	*-9.60*
		For >200, Deduct	*-14.00*
07 51 13 00-0006	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied	316.35
		For Up To 10, Add	*69.74*
		For >10 To 20, Add	*36.49*
		For >20 To 40, Add	*19.05*
		For >75 To 100, Deduct	*-9.53*
		For >100 To 200, Deduct	*-19.86*
		For >200, Deduct	*-29.39*

07 51 13 00-0007 Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0003)*

07 51 13 00-0008	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied	7.39

07 51 13 00-0009 Hot-Mopped, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*

Note: Includes mopping hot asphalt and embedding the membrane.

07 51 13 00-0010 Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0009)*

07 51 13 00-0011	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	80.48
		For Up To 10, Add	*22.69*
		For >10 To 20, Add	*13.00*
		For >20 To 40, Add	*7.32*
		For >75 To 100, Deduct	*-3.66*
		For >100 To 200, Deduct	*-8.15*
		For >200, Deduct	*-11.81*
07 51 13 00-0012	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	86.33
		For Up To 10, Add	*23.86*
		For >10 To 20, Add	*13.58*
		For >20 To 40, Add	*7.62*
		For >75 To 100, Deduct	*-3.81*
		For >100 To 200, Deduct	*-8.44*
		For >200, Deduct	*-12.25*
07 51 13 00-0013	SQ	Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped	92.98
		For Up To 10, Add	*25.19*
		For >10 To 20, Add	*14.25*
		For >20 To 40, Add	*7.95*
		For >75 To 100, Deduct	*-3.97*
		For >100 To 200, Deduct	*-8.77*
		For >200, Deduct	*-12.75*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0014	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped	166.73	
		For Up To 10, Add	*39.94*	
		For >10 To 20, Add	*21.62*	
		For >20 To 40, Add	*11.64*	
		For >75 To 100, Deduct	*-5.82*	
		For >100 To 200, Deduct	*-12.46*	
		For >200, Deduct	*-18.28*	
07 51 13 00-0015	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped	285.73	
		For Up To 10, Add	*63.74*	
		For >10 To 20, Add	*33.52*	
		For >20 To 40, Add	*17.59*	
		For >75 To 100, Deduct	*-8.79*	
		For >100 To 200, Deduct	*-18.41*	
		For >200, Deduct	*-27.20*	
07 51 13 00-0016	SQ	Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	214.88	
		For Up To 10, Add	*50.20*	
		For >10 To 20, Add	*26.91*	
		For >20 To 40, Add	*14.36*	
		For >75 To 100, Deduct	*-7.18*	
		For >100 To 200, Deduct	*-15.26*	
		For >200, Deduct	*-22.44*	

07 51 13 00-0017 Hot-Mopped, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0009)*

07 51 13 00-0018	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped	4.59	

07 51 13 00-0019 Mechanically Fastened, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*

Note: Includes fasteners.

07 51 13 00-0020 Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0019)*

07 51 13 00-0021	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened	87.48	
		For Up To 10, Add	*20.73*	
		For >10 To 20, Add	*11.17*	
		For >20 To 40, Add	*5.99*	
		For >75 To 100, Deduct	*-3.00*	
		For >100 To 200, Deduct	*-6.40*	
		For >200, Deduct	*-9.39*	
07 51 13 00-0022	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened	167.88	
		For Up To 10, Add	*36.81*	
		For >10 To 20, Add	*19.21*	
		For >20 To 40, Add	*10.01*	
		For >75 To 100, Deduct	*-5.01*	
		For >100 To 200, Deduct	*-10.42*	
		For >200, Deduct	*-15.42*	
07 51 13 00-0023	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened	286.87	
		For Up To 10, Add	*60.61*	
		For >10 To 20, Add	*31.11*	
		For >20 To 40, Add	*15.96*	
		For >75 To 100, Deduct	*-7.98*	
		For >100 To 200, Deduct	*-16.36*	
		For >200, Deduct	*-24.35*	

07 51 13 00-0024 Mechanically Fastened, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0019)*

07 51 13 00-0025	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened	5.63	

07 51 13 00-0026 Asphalt Saturated Organic Felt *(07 51 13 00-0001)*

07 51 13 00-0027 Cold Adhesive Applied, Asphalt Saturated Organic Felt *(07 51 13 00-0026)*

Note: Includes applying cold adhesive and embedding the felt.

07 51 13 00-0028	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	107.45	
		For Up To 10, Add	*27.96*	
		For >10 To 20, Add	*15.60*	
		For >20 To 40, Add	*8.61*	
		For >75 To 100, Deduct	*-4.30*	
		For >100 To 200, Deduct	*-9.42*	
		For >200, Deduct	*-13.72*	
07 51 13 00-0029	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	122.54	
		For Up To 10, Add	*30.98*	
		For >10 To 20, Add	*17.11*	
		For >20 To 40, Add	*9.36*	
		For >75 To 100, Deduct	*-4.68*	
		For >100 To 200, Deduct	*-10.17*	
		For >200, Deduct	*-14.85*	

07 51 13 00-0030 Hot-Mopped, Asphalt Saturated Organic Felt *(07 51 13 00-0026)*

Note: Includes mopping hot asphalt and embedding the felt.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0031	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	76.82	
		For Up To 10, Add	*21.96*	
		For >10 To 20, Add	*12.63*	
		For >20 To 40, Add	*7.14*	
		For >75 To 100, Deduct	*-3.57*	
		For >100 To 200, Deduct	*-7.96*	
		For >200, Deduct	*-11.53*	
07 51 13 00-0032	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	91.91	
		For Up To 10, Add	*24.98*	
		For >10 To 20, Add	*14.14*	
		For >20 To 40, Add	*7.89*	
		For >75 To 100, Deduct	*-3.95*	
		For >100 To 200, Deduct	*-8.72*	
		For >200, Deduct	*-12.67*	
07 51 13 00-0033		Mechanically Fastened, Asphalt Saturated Organic Felt *(07 51 13 00-0026)*		
		Note: Includes fasteners.		
07 51 13 00-0034	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	38.63	
		For Up To 10, Add	*10.96*	
		For >10 To 20, Add	*6.29*	
		For >20 To 40, Add	*3.55*	
		For >75 To 100, Deduct	*-1.77*	
		For >100 To 200, Deduct	*-3.95*	
		For >200, Deduct	*-5.73*	
07 51 13 00-0035	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	53.72	
		For Up To 10, Add	*13.98*	
		For >10 To 20, Add	*7.80*	
		For >20 To 40, Add	*4.30*	
		For >75 To 100, Deduct	*-2.15*	
		For >100 To 200, Deduct	*-4.71*	
		For >200, Deduct	*-6.86*	
07 51 13 00-0036		Surfacing *(07 51 13 00-0001)*		
07 51 13 00-0037	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat	168.27	
		For Up To 10, Add	*49.84*	
		For >10 To 20, Add	*28.97*	
		For >20 To 40, Add	*16.51*	
		For >75 To 100, Deduct	*-8.25*	
		For >100 To 200, Deduct	*-18.53*	
		For >200, Deduct	*-26.78*	
07 51 13 00-0038	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat	257.08	
		For Up To 10, Add	*67.60*	
		For >10 To 20, Add	*37.85*	
		For >20 To 40, Add	*20.95*	
		For >75 To 100, Deduct	*-10.47*	
		For >100 To 200, Deduct	*-22.97*	
		For >200, Deduct	*-33.44*	
07 51 13 00-0039	CY	Gravel Roofing Ballast, Spread To Desired Thickness	171.30	
		Note: Excludes hot asphalt or cold adhesive.		
07 51 13 00-0040	SQ	Protective Polypropylene Fabric Mat, Loose Laid	49.47	
		Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.		
		For Up To 10, Add	*12.03*	
		For >10 To 20, Add	*6.55*	
		For >20 To 40, Add	*3.54*	
		For >75 To 100, Deduct	*-1.77*	
		For >100 To 200, Deduct	*-3.81*	
		For >200, Deduct	*-5.58*	
07 51 13 00-0041	SQ	Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat	128.62	
		Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.		
		For Up To 10, Add	*29.61*	
		For >10 To 20, Add	*15.78*	
		For >20 To 40, Add	*8.37*	
		For >75 To 100, Deduct	*-4.19*	
		For >100 To 200, Deduct	*-8.86*	
		For >200, Deduct	*-13.05*	
07 51 13 00-0042	SQ	Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat	113.93	
		Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.		
		For Up To 10, Add	*26.67*	
		For >10 To 20, Add	*14.31*	
		For >20 To 40, Add	*7.64*	
		For >75 To 100, Deduct	*-3.82*	
		For >100 To 200, Deduct	*-8.12*	
		For >200, Deduct	*-11.94*	
07 51 13 00-0043	SQ	Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat	154.01	
		Note: Reflective coating for use over smooth-surfaced built-up roofs.		
		For Up To 10, Add	*34.69*	
		For >10 To 20, Add	*18.31*	
		For >20 To 40, Add	*9.64*	
		For >75 To 100, Deduct	*-4.82*	
		For >100 To 200, Deduct	*-10.13*	
		For >200, Deduct	*-14.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0044	SQ	100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	155.32	
		For Up To 10, Add	*34.95*	
		For >10 To 20, Add	*18.45*	
		For >20 To 40, Add	*9.71*	
		For >75 To 100, Deduct	*-4.85*	
		For >100 To 200, Deduct	*-10.19*	
		For >200, Deduct	*-15.05*	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*46.79*	
07 51 13 00-0045	SQ	100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat Note: Bleed blocking coating for use over built-up, Styrene-Butadiene-Styrene (SBS) and Atactic-Polypropylene (APP) modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	160.72	
		For Up To 10, Add	*36.03*	
		For >10 To 20, Add	*18.99*	
		For >20 To 40, Add	*9.98*	
		For >75 To 100, Deduct	*-4.99*	
		For >100 To 200, Deduct	*-10.46*	
		For >200, Deduct	*-15.45*	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*48.57*	
07 51 13 00-0046	SF	Ceramic Coated Roofing Granules, Hand Broadcast Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	2.44	
07 51 13 00-0047	SF	Energy Star, Ceramic Coated UltraWhite Roofing Granules, Hand Broadcast Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	4.25	
07 51 13 00-0048	SQ	Vapor Permeable Synthetic Underlayment (GAF Deck-Armor™)	37.10	

07 51 13 00-0049 Walkway Pads *(07 51 13 00-0001)*

Note: Set in hot asphalt or cold adhesive.

07 51 13 00-0050	LF	5/16" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	32.37	
07 51 13 00-0051	LF	1/2" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	38.69	

07 51 13 00-0052 Cant And Tapered Edge Strips *(07 51 13 00-0001)*

07 51 13 00-0053	LF	2" x 2" Perlite Cant Strip	4.03	
07 51 13 00-0054	LF	3" x 3" Perlite Cant Strip	4.18	
07 51 13 00-0055	LF	4" x 4" Perlite Cant Strip	4.87	
07 51 13 00-0056	LF	3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally	3.67	
07 51 13 00-0057	LF	4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally	3.77	
07 51 13 00-0058	LF	1/2" x 6" Perlite Tapered Edge Strip	4.50	
07 51 13 00-0059	LF	1/2" x 12" Perlite Tapered Edge Strip	5.29	
07 51 13 00-0060	LF	1" x 12" Perlite Tapered Edge Strip	5.51	
07 51 13 00-0061	LF	1" x 24" Perlite Tapered Edge Strip	6.33	
07 51 13 00-0062	LF	1-1/2" x 12" Perlite Tapered Edge Strip	6.25	
07 51 13 00-0063	LF	1-1/2" x 18" Perlite Tapered Edge Strip	7.75	
07 51 13 00-0064	LF	1-1/2" x 24" Perlite Tapered Edge Strip	8.83	

07 51 13 00-0065 Asphalt Primer *(07 51 13 00-0001)*

07 51 13 00-0066	SQ	Asphalt Primer For Roofing Systems Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.	34.27	

07 51 13 00-0067 Demolish Built-Up Roofing *(07 51 13 00-0001)*

Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).

07 51 13 00-0068	SQ	Demolish Gravel/Slag Surfaced, Built Up Roofing System	339.90	
		For Up To 10, Add	*84.23*	
		For >10 To 25, Add	*50.54*	
07 51 13 00-0069	SQ	Demolish Cap Sheet Surfaced, Built Up Roofing System Note: Includes protective surfacing.	262.21	
		For Up To 10, Add	*64.98*	
		For >10 To 25, Add	*38.99*	

07 51 13 00-0070 Roofing System Warranty *(07 51 13 00-0001)*

Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.

07 51 13 00-0071	EA	Up To 50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	607.56	
07 51 13 00-0072	SQ	>50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	8.68	
07 51 13 00-0073	EA	Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	694.36	
07 51 13 00-0074	SQ	>50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	13.89	
07 51 13 00-0075	EA	Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	954.74	
07 51 13 00-0076	SQ	>50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	19.09	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0077		**Built-Up Roofing Components (Tremco)** *(07 51 13)* Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0078		**Cold Applied BUR Base Plies And Ply Sheets** *(07 51 13 00-0077)*		
07 51 13 00-0079	SQ	BURmastic Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced ply sheet. Type II. 55 mils. Also used as a hot or cold applied base sheet.	137.74	
07 51 13 00-0080	SQ	BURmastic Premium Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 57 mil. Also used as a hot or cold applied base sheet.	167.41	
07 51 13 00-0081	SQ	BURmastic Supreme Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 51 mil. Also used as a hot or cold applied base sheet.	192.90	
07 51 13 00-0082	SQ	28 LB BURmastic Glass Ply, Cold Applied BUR Component Note: Asphalt coated fiberglass base or ply sheet. Type II.	43.56	
07 51 13 00-0083	SQ	33 LB BURmastic Glass Ply, Cold Applied BUR Component Note: Asphalt coated fiberglass base or ply sheet. Type II.	63.45	
07 51 13 00-0084	SQ	POWERply Modified HE Base Sheet, Hot Or Cold Applied BUR Component Note: Smooth surfaced, high elongation polyester reinforced modified bitumen base sheet. Type I, Grade S. 94 mil.	265.58	
07 51 13 00-0085	SQ	POWERply Modified Heavy Duty Base Sheet, Hot Applied BUR Component Note: A smooth surfaced, non woven fiberglass/scrim fiberglass bilaminate reinforced modified bitumen membrane. 120 mil.	245.62	
07 51 13 00-0086		**Hot Or Cold Applied Modified Bitumen Cap Membrane** *(07 51 13 00-0077)*		
07 51 13 00-0087	SQ	POWERply Standard Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Fiberglass reinforced modified bitumen membrane. Type I, Grade S. 80 mils. Also used as a hot or cold applied ply.	149.07	
07 51 13 00-0088	SQ	POWERply Premium Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 90 mils. Also used as a hot or cold applied ply.	397.39	
07 51 13 00-0089	SQ	POWERply Supreme Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 98 mils. Also used as a hot or cold applied ply.	658.34	
07 51 13 00-0090	SQ	POWERply Standard Cap Membrane, Hot Or Cold Applied BUR Component Note: Granule surface, fiberglass reinforced modified bitumen cap sheet membrane. 120 mils. Black or white surface.	173.74	
07 51 13 00-0091	SQ	POWERply Standard FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane. Type I, Grade G. 120 mils.	267.78	
07 51 13 00-0092	SQ	POWERply Premium FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 160 mils. Black or white surface.	652.51	
07 51 13 00-0093	SQ	POWERply Standard FR GT24W Cap Membrane, Hot Or Cold Applied BUR Component Note: Highly reflective, fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane meeting California's Title 24 requirements. Type I, Grade G. 120 mils.	474.00	
07 51 13 00-0094	SQ	POWERply HE FR Cap Sheet, Hot Applied BUR Component Note: High elongation, fire rated, granule surfaced, polyester reinforced modified bitumen membrane. 160 mils.	471.84	
07 51 13 00-0095		**Self Adhesive Base Plies And Ply Sheets** *(07 51 13 00-0077)*		
07 51 13 00-0096	SQ	POWERply SA Base Sheet, Self Adhesive Roofing Note: A self adhesive, fiberglass reinforced Styrene-Butadiene-Styrene (SBS) modified bitumen base sheet/underlayment. Type 1, Grade S. 80 mils.	273.68	
07 51 13 00-0097	SQ	POWERply SA FR Membrane, Self Adhesive Roofing Note: A fire rated, granule surfaced, polyester reinforced, self adhesive Styrene-Butadiene-Styrene (SBS) modified bitumen membrane. Type I, Grade G. 130 mils.	540.49	
07 51 13 00-0098		**Flashings** *(07 51 13 00-0077)*		
07 51 13 00-0099	LF	11-1/2" Hypalon Elastomeric Flashing Note: 45 mils.	16.24	
07 51 13 00-0100	LF	19" Hypalon Elastomeric Flashing Note: 45 mils.	26.22	
07 51 13 00-0101	LF	25" Hypalon Elastomeric Flashing Note: 45 mils.	34.79	
07 51 13 00-0102	LF	38" Hypalon Elastomeric Flashing Note: 45 mils.	51.14	
07 51 13 00-0103	LF	60-1/2" Hypalon Elastomeric Flashing Note: 45 mils.	84.05	
07 51 13 00-0104	LF	12" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	12.70	
07 51 13 00-0105	LF	18" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	20.56	
07 51 13 00-0106	LF	24" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	27.38	
07 51 13 00-0107	LF	36" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	40.11	
07 51 13 00-0108	LF	60" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	67.46	
07 51 13 00-0109	LF	4" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	3.34	
07 51 13 00-0110	LF	6" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	3.51	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0111	LF	12" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	4.97	
07 51 13 00-0112	LF	36" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	12.93	
07 51 13 00-0113		**Cold Applied Adhesives** *(07 51 13 00-0077)*		
07 51 13 00-0114	SQ	BURmastic Inter-Ply Cold Applied Adhesive	167.31	
07 51 13 00-0115	SQ	BURmastic Flood Coat Cold Applied Adhesive	276.19	
07 51 13 00-0116	SQ	BURmastic SF Inter-Ply Cold Applied Adhesive	213.94	
07 51 13 00-0117	SQ	BURmastic LV Inter-Ply Cold Applied Adhesive	167.31	
07 51 13 00-0118	SQ	POWERply Standard Inter-Ply Cold Applied Adhesive	83.28	
07 51 13 00-0119	SQ	POWERply Standard Flood Coat Cold Applied Adhesive	187.24	
07 51 13 00-0120	SQ	POWERply White On White Cold Applied Adhesive	184.70	
07 51 13 00-0121	SQ	Rock-It Cold Applied Adhesive For Gravel Applications	523.28	
07 51 13 00-0122	SQ	FAS-n-FREE Cold Applied Adhesive (Beads 12" OC) Note: For insulation only.	289.78	
07 51 13 00-0123	SQ	ECOLastic Cold Applied Adhesive	323.49	
07 51 13 00-0124		**Hot Applied Adhesives** *(07 51 13 00-0077)*		
07 51 13 00-0125	SQ	Premium III Asphalt Inter-Ply Hot Applied Adhesive	58.03	
07 51 13 00-0126	SQ	Premium III Asphalt Flood Coat Hot Applied Adhesive	109.71	
07 51 13 00-0127		**Flashings Adhesives** *(07 51 13 00-0077)*		
07 51 13 00-0128	LF	Sheeting Bond Flashing Adhesive Note: Used to attach Hypalon sheeting to asphalt or coal-tar roofing membranes.	18.98	
07 51 13 00-0129	LF	Polyroof SF Flashing Mastic Note: A solvent free, one part elastomeric roof mastic. Used to seal edges or as a repair mastic for split or cracked seals.	25.66	
07 51 13 00-0130	LF	ELS Flashing Mastic Note: Used for repairing flashings and asphalt built-up roof defects.	14.97	
07 51 13 00-0131	LF	TremSEAL D General Purpose Sealant	5.64	
07 51 13 00-0132	LF	TremSEAL HP High Performance Sealant	5.82	
07 51 13 00-0133	LF	TremSEAL S Silicone Sealant	5.68	
07 51 13 00-0134		**Surfacing** *(07 51 13 00-0077)*		
07 51 13 00-0135	SQ	TremLastic SP Non Fibered Elastomeric Emulsion Cold Applied Coating	250.90	
07 51 13 00-0136	SQ	ICE Coating, Water Based, Heavy Bodied Elastomeric Roof Coating	559.57	
07 51 13 00-0137	SQ	Polar Coat	140.96	
07 51 13 00-0138	SQ	Alumanation 301, Asphalt Based, Fibrated Aluminum Roof Coating	173.92	
07 51 13 00-0139	SQ	Wall-Tite, Elastomeric Coating For Exterior Above-Grade Walls	512.50	
07 51 13 00-0140	SQ	Solarguard Hy-Build, Elastomeric Coating For Exterior Above-Grade Walls	228.29	
07 51 13 00-0141	SQ	100% Stitchbonded, Polyester Fabric (Tremco PERMAFAB)	66.30	
07 51 13 00-0142		**Walkway Protection Pads** *(07 51 13 00-0077)*		
07 51 13 00-0143	LF	36" Wide, Fiberglass Reinforced Asphaltic Walkway Protection Pad (Tremco Trem-Tred®)	31.20	
07 51 13 00-0144		**Primer** *(07 51 13 00-0077)*		
07 51 13 00-0145	SQ	TREMprime WB Primer Note: Water based polymer modified asphalt primer.	34.32	
07 51 13 00-0146	SQ	Solarguard Masonry Primer, Acrylic Latex Primer For Wall Tite F Coating	81.17	
07 51 13 00-0147		**Liquid Applied Roofing** *(07 51 13 00-0077)*		
07 51 13 00-0148	SQ	Trem-LAR LRM H Waterproofing (Horizontal) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	425.25	
07 51 13 00-0149	SQ	Trem-LAR LRM V Waterproofing (Vertical) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	432.23	
07 51 13 00-0150	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Smooth BUR/MB, Concrete Or Single Ply Surfaces Note: Two part liquid applied polyurethane roof coating. 48 mils.	558.60	
07 51 13 00-0151	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Granule MB Surfaces Note: Two part liquid applied polyurethane roof coating. 64 mils.	728.83	
07 51 13 00-0152	SQ	AlphaGuard BIO Top Coat, High Performance, Two-Part, Polyurethane Roof Coating Note: Two part liquid applied polyurethane roof coating. 32 mils.	422.12	
07 51 13 00-0153	SQ	AlphaGuard Glass Mat Note: Reinforcement mat for AlphaGuard systems.	81.00	
07 51 13 00-0154	SQ	AlphaGuard C-Prime Primer Note: 100% solids epoxy primer for concrete surfaces.	80.46	
07 51 13 00-0155	SQ	AlphaGuard M-Prime Primer Note: Water based primer for metal and plastic surfaces.	86.70	
07 51 13 00-0156	SQ	Geogard Primer Note: Reactivation primer for cured AlphaGuard MT roof systems and coatings.	63.10	
07 51 13 00-0157	SQ	AlphaGuard Primer WB Note: Water based polymer modified primer which conditions a variety of roofing substrates prior to the application of AlphaGuard systems.	56.45	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0158		Atactic-Polypropylene (APP) Products *(07 51 13 00-0077)*		
07 51 13 00-0159	SQ	POWERply Atactic-Polypropylene (APP) Base Sheet	219.09	
07 51 13 00-0160	SQ	POWERply Atactic-Polypropylene (APP) FR	415.81	
07 51 13 00-0161	SQ	POWERply Atactic-Polypropylene (APP) Smooth	333.17	
07 51 13 00-0162		Tri-Polymer Alloy (TPA) White Membrane *(07 51 13 00-0077)*		
07 51 13 00-0163	SQ	45 Mil Tri-Polymer Alloy (TPA) White Membrane	580.12	
07 51 13 00-0164	SQ	60 Mil Tri-Polymer Alloy (TPA) White Membrane	801.51	
07 51 13 00-0165	SQ	80 Mil Tri-Polymer Alloy (TPA) White Membrane	913.31	
07 51 13 00-0166		Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane *(07 51 13 00-0077)*		
07 51 13 00-0167	SQ	45 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	670.20	
07 51 13 00-0168	SQ	60 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	825.77	
07 51 13 00-0169	SQ	80 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	1,013.59	
07 51 13 00-0170		Tri-Polymer Alloy (TPA) Membrane Accessories *(07 51 13 00-0077)*		
07 51 13 00-0171	EA	>1" To 4" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	119.44	
07 51 13 00-0172	EA	>4" To 8" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	135.70	
07 51 13 00-0173	LF	36" Wide, Thermoplastic Tri-Polymer Alloy (TPA) Walkway Protection Pad (Tremco)	18.14	
07 51 13 00-0174	SQ	Factory Coated Steel Fasteners And Steel Or Plastic Membrane Plates (Tremco)	61.08	
07 51 13 00-0175		Thermoplastic Polyolefin (TPO) Polyester White Membrane *(07 51 13 00-0077)*		
07 51 13 00-0176	SQ	45 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	305.99	
07 51 13 00-0177	SQ	60 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	311.39	
07 51 13 00-0178	SQ	80 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	562.08	
07 51 13 00-0179		Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane *(07 51 13 00-0077)*		
07 51 13 00-0180	SQ	45 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	358.96	
07 51 13 00-0181	SQ	60 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	407.00	
07 51 13 00-0182	SQ	80 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	597.80	
07 51 13 00-0183		Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510) *(07 51 13 00-0077)*		
07 51 13 00-0184	SQ	45 Mil Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510)	986.52	
07 51 13 00-0185		Single Ply Adhesives *(07 51 13 00-0077)*		
07 51 13 00-0186	SQ	Low VOC, TPA Bonding Adhesive (Tremco)	156.21	
07 51 13 00-0187	SQ	Water Based, TPA Bonding Adhesive (Tremco)	177.04	
07 51 13 00-0188	SQ	Water Based, Fleece Backed Single Ply Bonding Adhesive (Tremco)	153.19	
07 51 13 00-0189	SQ	Low VOC, TPO Bonding Adhesive (Tremco)	100.65	
07 51 13 00-0190		Warranty (Tremco) *(07 51 13 00-0077)*		
07 51 13 00-0191	EA	Up To 10,000 SF 15 Year Roofing System Warranty	1,500.00	
07 51 13 00-0192	SF	>10,000 SF 15 Year Roofing System Warranty	0.15	
07 51 13 00-0193	EA	Up To 10,000 SF 20 Year Roofing System Warranty	2,000.00	
07 51 13 00-0194	SF	>10,000 SF 20 Year Roofing System Warranty	0.20	
07 51 13 00-0195		Built-Up Roofing Components (Garland) *(07 51 13)*		
		Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0196		Modified Cap Membranes *(07 51 13 00-0195)*		
07 51 13 00-0197		Modified Cap Membranes, Hot/Cold Applied *(07 51 13 00-0196)*		
		Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0198	SQ	Stressply® FR Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane, Minimum 145 Mil	691.97	
07 51 13 00-0199	SQ	Stressply® Plus Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane With Recycled Rubber, 105 Mil	494.64	
07 51 13 00-0200	SQ	Stressply® Plus FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil	612.76	
07 51 13 00-0201	SQ	Stressply® E Eco-Responsible, Smooth Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials	636.80	
07 51 13 00-0202	SQ	Stressply® E FR Mineral Eco-Responsible, Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil	887.18	
07 51 13 00-0203	SQ	Stressply® EUV Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Modified Membrane With Recycled Rubber, 160 Mil	997.52	
07 51 13 00-0204	SQ	Versiply® III 80 Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 80 Mil	418.63	
		Note: Low strength cap sheet for hot or cold modified systems used with gravel.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0205	SQ	Versiply® III Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Minimum 145 Mil	527.88	
07 51 13 00-0206	SQ	BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 140 Mil	322.26	
07 51 13 00-0207		**Modified Cap Membranes, Self-Adhering** *(07 51 13 00-0196)*		
		Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.		
07 51 13 00-0208	SQ	Stressply® SA FR Mineral Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil	626.19	
		Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.		
07 51 13 00-0209		**Modified Cap Membranes, Torch-Applied** *(07 51 13 00-0196)*		
		Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0210	SQ	Stressply® IV Dual Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil	771.20	
		Note: Smooth surfaced Styrene-Butadiene-Styrene (SBS) torch modified top ply of torch system with gravel.		
07 51 13 00-0211	SQ	Stressply® IV Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Minimum 195 Mil	839.10	
07 51 13 00-0212	SQ	Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil	884.36	
07 51 13 00-0213	SQ	StressPly® IV Plus Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil	807.97	
07 51 13 00-0214	SQ	StressPly® IV Plus Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Mineral Surfaced Membrane, Torch Applied, 195 Mil	856.07	
07 51 13 00-0215	SQ	StressPly® IV Plus UV Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Reflective Mineral Membrane, Torch Applied, 195 Mil	898.51	
07 51 13 00-0216		**Modified Cap Membranes, Coal Tar Pitch Systems** *(07 51 13 00-0196)*		
		Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0217	SQ	Millennium® Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 120 Mil	711.71	
07 51 13 00-0218	SQ	Millennium® FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil	1,124.83	
07 51 13 00-0219	SQ	Millennium® Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 160 Mil	915.49	
07 51 13 00-0220		**Base Ply** *(07 51 13 00-0195)*		
		Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems.		
07 51 13 00-0221	SQ	Flexbase® E120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil	632.56	
07 51 13 00-0222	SQ	Flexbase® 80 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil	397.03	
07 51 13 00-0223	SQ	HPR® Glasbase Heavy Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil	90.46	
		Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.		
07 51 13 00-0224	SQ	HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil	59.62	
		Note: Inner ply felts for hot applied built up and modified BUR systems.		
07 51 13 00-0225	SQ	HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil	72.77	
07 51 13 00-0226	SQ	HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil	79.13	
07 51 13 00-0227	SQ	HPR® Tribase Premium Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet, 60 Mil	123.95	
		Note: Inner plies for cold applied modified, Styrene-Butadiene-Styrene (SBS) modified, or 2 plies under cap sheet.		
07 51 13 00-0228	SQ	Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil	403.33	
07 51 13 00-0229	SQ	HPR® SA FR Base Sheet Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil	346.82	
		Note: Self adhering base ply for self adhering 2 ply system.		
07 51 13 00-0230	SQ	StressBase® 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil	352.86	
07 51 13 00-0231	SQ	StressBase® 80 Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil	292.74	
07 51 13 00-0232	LF	Garmesh® 6" Styrene-Butadiene-Styrene (SBS) Coated Woven Fiberglass Reinforcing Fabric	4.82	
07 51 13 00-0233	LF	Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems	13.80	
07 51 13 00-0234	SQ	Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	69.59	
07 51 13 00-0235	LF	Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	6.30	
07 51 13 00-0236	LF	Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	4.53	
07 51 13 00-0237	LF	Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	5.36	
07 51 13 00-0238	SQ	HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications	152.99	
07 51 13 00-0239		**Coatings And Mastics For Roof Installation, Restoration And Repairs** *(07 51 13 00-0195)*		
07 51 13 00-0240	SQ	Water Based Roof Primer, GarlaPrime VOC Primer	43.07	
07 51 13 00-0241	SQ	Black-Knight® Primer	39.75	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0242	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply	167.90	
07 51 13 00-0243	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ)	176.89	
07 51 13 00-0244	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ)	281.82	
07 51 13 00-0245	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply	457.12	
07 51 13 00-0246	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat	469.09	
07 51 13 00-0247	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)	218.57	
07 51 13 00-0248	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration	361.62	
07 51 13 00-0249	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)	561.36	
07 51 13 00-0250	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration	933.10	
07 51 13 00-0251	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Interply	389.87	
07 51 13 00-0252	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Flood Coat	401.84	
07 51 13 00-0253	SQ	Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only	858.10	
07 51 13 00-0254	SQ	Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only	370.09	
07 51 13 00-0255	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply	179.63	
07 51 13 00-0256	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat	191.60	
07 51 13 00-0257	SQ	Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel	165.94	
07 51 13 00-0258	SQ	Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers	154.70	
07 51 13 00-0259	SQ	Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products Note: Adheres all insulation layers for cold systems.	18.60	
07 51 13 00-0260	SQ	Pyramic® Plus LO White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required	190.70	
07 51 13 00-0261	SQ	Pyramic® Plus LO Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System	184.82	
07 51 13 00-0262	LF	Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh	22.63	
07 51 13 00-0263	SQ	Solex® White, Kynar® Acrylic Topcoat Roof Coating Used With Pyramic Base Coat	247.31	
07 51 13 00-0264	SQ	Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric	1,403.59	
07 51 13 00-0265	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ)	313.43	
07 51 13 00-0266	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel	383.30	
07 51 13 00-0267	SQ	Weatherking® Cold Applied Rubber Modified Asphalt Interplay Adhesive For Slopes Up To 3:12, Interply	141.63	
07 51 13 00-0268	SQ	Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System	454.19	
07 51 13 00-0269	SQ	Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.	140.55	

07 52 Modified Bituminous Membrane Roofing *(07 50)*

07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 11-0001)*

07 52 13 11-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied	209.49
		For Up To 10, Add	*48.37*
		For >10 To 20, Add	*25.80*
		For >20 To 40, Add	*13.71*
		For >75 To 100, Deduct	*-6.86*
		For >100 To 200, Deduct	*-14.52*
		For >200, Deduct	*-21.37*
07 52 13 11-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	256.35
		For Up To 10, Add	*57.74*
		For >10 To 20, Add	*30.49*
		For >20 To 40, Add	*16.05*
		For >75 To 100, Deduct	*-8.03*
		For >100 To 200, Deduct	*-16.86*
		For >200, Deduct	*-24.89*
07 52 13 11-0005	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied	405.99
		For Up To 10, Add	*87.67*
		For >10 To 20, Add	*45.45*
		For >20 To 40, Add	*23.54*
		For >75 To 100, Deduct	*-11.77*
		For >100 To 200, Deduct	*-24.34*
		For >200, Deduct	*-36.11*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 11-0006	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	409.08	
		For Up To 10, Add	*88.91*	
		For >10 To 20, Add	*46.23*	
		For >20 To 40, Add	*24.00*	
		For >75 To 100, Deduct	*-12.00*	
		For >100 To 200, Deduct	*-24.89*	
		For >200, Deduct	*-36.88*	
07 52 13 11-0007	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	290.89	
		For Up To 10, Add	*65.27*	
		For >10 To 20, Add	*34.41*	
		For >20 To 40, Add	*18.09*	
		For >75 To 100, Deduct	*-9.04*	
		For >100 To 200, Deduct	*-18.98*	
		For >200, Deduct	*-28.02*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 13 11-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	338.29	
		For Up To 10, Add	*74.75*	
		For >10 To 20, Add	*39.15*	
		For >20 To 40, Add	*20.46*	
		For >75 To 100, Deduct	*-10.23*	
		For >100 To 200, Deduct	*-21.35*	
		For >200, Deduct	*-31.58*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 13 11-0009	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	467.44	
		For Up To 10, Add	*100.58*	
		For >10 To 20, Add	*52.06*	
		For >20 To 40, Add	*26.92*	
		For >75 To 100, Deduct	*-13.46*	
		For >100 To 200, Deduct	*-27.80*	
		For >200, Deduct	*-41.26*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	

07 52 13 11-0010 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 11-0001)*

07 52 13 11-0011	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	5.68	
07 52 13 11-0012	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	8.87	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	

07 52 13 13 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 13-0001 Torch-Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 13 13-0002 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 13-0001)*

07 52 13 13-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Torch-Applied	149.47	
		For Up To 10, Add	*36.36*	
		For >10 To 20, Add	*19.80*	
		For >20 To 40, Add	*10.71*	
		For >75 To 100, Deduct	*-5.35*	
		For >100 To 200, Deduct	*-11.52*	
		For >200, Deduct	*-16.87*	
07 52 13 13-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Torch-Applied	196.34	
		For Up To 10, Add	*45.74*	
		For >10 To 20, Add	*24.49*	
		For >20 To 40, Add	*13.05*	
		For >75 To 100, Deduct	*-6.53*	
		For >100 To 200, Deduct	*-13.86*	
		For >200, Deduct	*-20.39*	
07 52 13 13-0005	SQ	150 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	234.56	
		For Up To 10, Add	*56.62*	
		For >10 To 20, Add	*30.74*	
		For >20 To 40, Add	*16.58*	
		For >75 To 100, Deduct	*-8.29*	
		For >100 To 200, Deduct	*-17.80*	
		For >200, Deduct	*-26.09*	
07 52 13 13-0006	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	246.55	
		For Up To 10, Add	*59.02*	
		For >10 To 20, Add	*31.94*	
		For >20 To 40, Add	*17.18*	
		For >75 To 100, Deduct	*-8.59*	
		For >100 To 200, Deduct	*-18.40*	
		For >200, Deduct	*-26.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0007	SQ	180 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	343.90	
		For Up To 10, Add	*78.49*	
		For >10 To 20, Add	*41.67*	
		For >20 To 40, Add	*22.05*	
		For >75 To 100, Deduct	*-11.03*	
		For >100 To 200, Deduct	*-23.27*	
		For >200, Deduct	*-34.29*	
07 52 13 13-0008	SQ	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	234.56	
		For Up To 10, Add	*56.62*	
		For >10 To 20, Add	*30.74*	
		For >20 To 40, Add	*16.58*	
		For >75 To 100, Deduct	*-8.29*	
		For >100 To 200, Deduct	*-17.80*	
		For >200, Deduct	*-26.09*	
07 52 13 13-0009	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	249.55	
		For Up To 10, Add	*59.62*	
		For >10 To 20, Add	*32.24*	
		For >20 To 40, Add	*17.33*	
		For >75 To 100, Deduct	*-8.67*	
		For >100 To 200, Deduct	*-18.55*	
		For >200, Deduct	*-27.21*	
07 52 13 13-0010	SQ	180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	343.90	
		For Up To 10, Add	*78.49*	
		For >10 To 20, Add	*41.67*	
		For >20 To 40, Add	*22.05*	
		For >75 To 100, Deduct	*-11.03*	
		For >100 To 200, Deduct	*-23.27*	
		For >200, Deduct	*-34.29*	
07 52 13 13-0011	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	244.00	
		For Up To 10, Add	*58.51*	
		For >10 To 20, Add	*31.68*	
		For >20 To 40, Add	*17.06*	
		For >75 To 100, Deduct	*-8.53*	
		For >100 To 200, Deduct	*-18.27*	
		For >200, Deduct	*-26.80*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 13 13-0012	SQ	170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	258.55	
		For Up To 10, Add	*61.42*	
		For >10 To 20, Add	*33.14*	
		For >20 To 40, Add	*17.78*	
		For >75 To 100, Deduct	*-8.89*	
		For >100 To 200, Deduct	*-19.00*	
		For >200, Deduct	*-27.89*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 13 13-0013	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	294.25	
		For Up To 10, Add	*68.56*	
		For >10 To 20, Add	*36.71*	
		For >20 To 40, Add	*19.57*	
		For >75 To 100, Deduct	*-9.78*	
		For >100 To 200, Deduct	*-20.78*	
		For >200, Deduct	*-30.57*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 13 13-0014	SQ	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	298.60	
		For Up To 10, Add	*69.43*	
		For >10 To 20, Add	*37.14*	
		For >20 To 40, Add	*19.79*	
		For >75 To 100, Deduct	*-9.89*	
		For >100 To 200, Deduct	*-21.00*	
		For >200, Deduct	*-30.89*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 13 13-0015	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	420.55	
		For Up To 10, Add	*93.82*	
		For >10 To 20, Add	*49.34*	
		For >20 To 40, Add	*25.88*	
		For >75 To 100, Deduct	*-12.94*	
		For >100 To 200, Deduct	*-27.10*	
		For >200, Deduct	*-40.04*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 13 13-0016		Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 13-0001)*		
07 52 13 13-0017	SF	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.31	
07 52 13 13-0018	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.46	
07 52 13 13-0019	SF	180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.40	
07 52 13 13-0020	SF	170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.55	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 13 13-0021	SF	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.95	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 13 13-0022	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	5.17	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	

07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 14)*
Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 13 14-0002 Mechanically Fastened, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base And Ply Sheets *(07 52 13 14-0001)*

07 52 13 14-0003	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	226.88	
		For Up To 10, Add	*48.61*	
		For >10 To 20, Add	*25.11*	
		For >20 To 40, Add	*12.96*	
		For >75 To 100, Deduct	*-6.48*	
		For >100 To 200, Deduct	*-13.37*	
		For >200, Deduct	*-19.85*	

07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52)*
Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 11-0001 Cold Adhesive Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 11)*
Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 16 11-0002 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 11-0001)*

07 52 16 11-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	163.61	
		For Up To 10, Add	*39.19*	
		For >10 To 20, Add	*21.22*	
		For >20 To 40, Add	*11.42*	
		For >75 To 100, Deduct	*-5.71*	
		For >100 To 200, Deduct	*-12.23*	
		For >200, Deduct	*-17.93*	
07 52 16 11-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	215.64	
		For Up To 10, Add	*49.60*	
		For >10 To 20, Add	*26.42*	
		For >20 To 40, Add	*14.02*	
		For >75 To 100, Deduct	*-7.01*	
		For >100 To 200, Deduct	*-14.83*	
		For >200, Deduct	*-21.84*	
07 52 16 11-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	222.35	
		For Up To 10, Add	*50.94*	
		For >10 To 20, Add	*27.09*	
		For >20 To 40, Add	*14.35*	
		For >75 To 100, Deduct	*-7.18*	
		For >100 To 200, Deduct	*-15.16*	
		For >200, Deduct	*-22.34*	
07 52 16 11-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	305.35	
		For Up To 10, Add	*67.54*	
		For >10 To 20, Add	*35.39*	
		For >20 To 40, Add	*18.50*	
		For >75 To 100, Deduct	*-9.25*	
		For >100 To 200, Deduct	*-19.31*	
		For >200, Deduct	*-28.56*	
07 52 16 11-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Cold Adhesive Applied	389.35	
		For Up To 10, Add	*84.34*	
		For >10 To 20, Add	*43.79*	
		For >20 To 40, Add	*22.70*	
		For >75 To 100, Deduct	*-11.35*	
		For >100 To 200, Deduct	*-23.51*	
		For >200, Deduct	*-34.86*	
07 52 16 11-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	322.81	
		For Up To 10, Add	*71.65*	
		For >10 To 20, Add	*37.60*	
		For >20 To 40, Add	*19.69*	
		For >75 To 100, Deduct	*-9.84*	
		For >100 To 200, Deduct	*-20.57*	
		For >200, Deduct	*-30.41*	
07 52 16 11-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	331.84	
		For Up To 10, Add	*73.46*	
		For >10 To 20, Add	*38.50*	
		For >20 To 40, Add	*20.14*	
		For >75 To 100, Deduct	*-10.07*	
		For >100 To 200, Deduct	*-21.02*	
		For >200, Deduct	*-31.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	289.54	
		For Up To 10, Add	*65.00*	
		For >10 To 20, Add	*34.27*	
		For >20 To 40, Add	*18.02*	
		For >75 To 100, Deduct	*-9.01*	
		For >100 To 200, Deduct	*-18.91*	
		For >200, Deduct	*-27.92*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 11-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	293.44	
		For Up To 10, Add	*65.78*	
		For >10 To 20, Add	*34.66*	
		For >20 To 40, Add	*18.22*	
		For >75 To 100, Deduct	*-9.11*	
		For >100 To 200, Deduct	*-19.10*	
		For >200, Deduct	*-28.21*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 11-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	329.44	
		For Up To 10, Add	*72.98*	
		For >10 To 20, Add	*38.26*	
		For >20 To 40, Add	*20.02*	
		For >75 To 100, Deduct	*-10.01*	
		For >100 To 200, Deduct	*-20.90*	
		For >200, Deduct	*-30.91*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 11-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	335.44	
		For Up To 10, Add	*74.18*	
		For >10 To 20, Add	*38.86*	
		For >20 To 40, Add	*20.32*	
		For >75 To 100, Deduct	*-10.16*	
		For >100 To 200, Deduct	*-21.20*	
		For >200, Deduct	*-31.36*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 11-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	387.94	
		For Up To 10, Add	*84.68*	
		For >10 To 20, Add	*44.11*	
		For >20 To 40, Add	*22.94*	
		For >75 To 100, Deduct	*-11.47*	
		For >100 To 200, Deduct	*-23.83*	
		For >200, Deduct	*-35.30*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 11-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	483.58	
		For Up To 10, Add	*103.81*	
		For >10 To 20, Add	*53.68*	
		For >20 To 40, Add	*27.72*	
		For >75 To 100, Deduct	*-13.86*	
		For >100 To 200, Deduct	*-28.61*	
		For >200, Deduct	*-42.47*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 11-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	296.05	
		For Up To 10, Add	*66.30*	
		For >10 To 20, Add	*34.92*	
		For >20 To 40, Add	*18.35*	
		For >75 To 100, Deduct	*-9.17*	
		For >100 To 200, Deduct	*-19.23*	
		For >200, Deduct	*-28.41*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 11-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	305.44	
		For Up To 10, Add	*68.18*	
		For >10 To 20, Add	*35.86*	
		For >20 To 40, Add	*18.82*	
		For >75 To 100, Deduct	*-9.41*	
		For >100 To 200, Deduct	*-19.70*	
		For >200, Deduct	*-29.11*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 11-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	356.44	
		For Up To 10, Add	*78.38*	
		For >10 To 20, Add	*40.96*	
		For >20 To 40, Add	*21.37*	
		For >75 To 100, Deduct	*-10.68*	
		For >100 To 200, Deduct	*-22.25*	
		For >200, Deduct	*-32.94*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	357.64	
		For Up To 10, Add	*78.62*	
		For >10 To 20, Add	*41.08*	
		For >20 To 40, Add	*21.43*	
		For >75 To 100, Deduct	*-10.71*	
		For >100 To 200, Deduct	*-22.31*	
		For >200, Deduct	*-33.03*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 11-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	380.44	
		For Up To 10, Add	*83.18*	
		For >10 To 20, Add	*43.36*	
		For >20 To 40, Add	*22.57*	
		For >75 To 100, Deduct	*-11.28*	
		For >100 To 200, Deduct	*-23.45*	
		For >200, Deduct	*-34.74*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	

07 52 16 11-0021 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 11-0001)*

07 52 16 11-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.91	
07 52 16 11-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.48	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 11-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.52	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 11-0025	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.94	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 11-0026	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.47	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 11-0027	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	6.42	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 11-0028	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.55	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 11-0029	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.64	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 11-0030	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.16	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 11-0031	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.39	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 11-0032	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	7.26	
07 52 16 11-0033	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	14.00	

07 52 16 12 Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 12-0001 Hot-Mopped Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 12)*

Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.

07 52 16 12-0002 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 12-0001)*

07 52 16 12-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	132.98	
		For Up To 10, Add	*33.19*	
		For >10 To 20, Add	*18.25*	
		For >20 To 40, Add	*9.95*	
		For >75 To 100, Deduct	*-4.97*	
		For >100 To 200, Deduct	*-10.77*	
		For >200, Deduct	*-15.75*	
07 52 16 12-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	185.02	
		For Up To 10, Add	*43.60*	
		For >10 To 20, Add	*23.45*	
		For >20 To 40, Add	*12.55*	
		For >75 To 100, Deduct	*-6.28*	
		For >100 To 200, Deduct	*-13.37*	
		For >200, Deduct	*-19.65*	
07 52 16 12-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	191.73	
		For Up To 10, Add	*44.94*	
		For >10 To 20, Add	*24.12*	
		For >20 To 40, Add	*12.89*	
		For >75 To 100, Deduct	*-6.44*	
		For >100 To 200, Deduct	*-13.71*	
		For >200, Deduct	*-20.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Hot-Mopped	274.73	
		For Up To 10, Add	*61.54*	
		For >10 To 20, Add	*32.42*	
		For >20 To 40, Add	*17.04*	
		For >75 To 100, Deduct	*-8.52*	
		For >100 To 200, Deduct	*-17.86*	
		For >200, Deduct	*-26.38*	
07 52 16 12-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Hot-Mopped	358.73	
		For Up To 10, Add	*78.34*	
		For >10 To 20, Add	*40.82*	
		For >20 To 40, Add	*21.24*	
		For >75 To 100, Deduct	*-10.62*	
		For >100 To 200, Deduct	*-22.06*	
		For >200, Deduct	*-32.68*	
07 52 16 12-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	292.25	
		For Up To 10, Add	*65.68*	
		For >10 To 20, Add	*34.65*	
		For >20 To 40, Add	*18.23*	
		For >75 To 100, Deduct	*-9.11*	
		For >100 To 200, Deduct	*-19.13*	
		For >200, Deduct	*-28.24*	
07 52 16 12-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	301.28	
		For Up To 10, Add	*67.48*	
		For >10 To 20, Add	*35.55*	
		For >20 To 40, Add	*18.68*	
		For >75 To 100, Deduct	*-9.34*	
		For >100 To 200, Deduct	*-19.58*	
		For >200, Deduct	*-28.92*	
07 52 16 12-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	258.98	
		For Up To 10, Add	*59.02*	
		For >10 To 20, Add	*31.32*	
		For >20 To 40, Add	*16.56*	
		For >75 To 100, Deduct	*-8.28*	
		For >100 To 200, Deduct	*-17.47*	
		For >200, Deduct	*-25.75*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 12-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	262.88	
		For Up To 10, Add	*59.80*	
		For >10 To 20, Add	*31.71*	
		For >20 To 40, Add	*16.76*	
		For >75 To 100, Deduct	*-8.38*	
		For >100 To 200, Deduct	*-17.66*	
		For >200, Deduct	*-26.04*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 12-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	298.88	
		For Up To 10, Add	*67.00*	
		For >10 To 20, Add	*35.31*	
		For >20 To 40, Add	*18.56*	
		For >75 To 100, Deduct	*-9.28*	
		For >100 To 200, Deduct	*-19.46*	
		For >200, Deduct	*-28.74*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 12-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	304.88	
		For Up To 10, Add	*68.20*	
		For >10 To 20, Add	*35.91*	
		For >20 To 40, Add	*18.86*	
		For >75 To 100, Deduct	*-9.43*	
		For >100 To 200, Deduct	*-19.76*	
		For >200, Deduct	*-29.19*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 12-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	357.38	
		For Up To 10, Add	*78.70*	
		For >10 To 20, Add	*41.16*	
		For >20 To 40, Add	*21.48*	
		For >75 To 100, Deduct	*-10.74*	
		For >100 To 200, Deduct	*-22.39*	
		For >200, Deduct	*-33.13*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 12-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	453.01	
		For Up To 10, Add	*97.83*	
		For >10 To 20, Add	*50.72*	
		For >20 To 40, Add	*26.26*	
		For >75 To 100, Deduct	*-13.13*	
		For >100 To 200, Deduct	*-27.17*	
		For >200, Deduct	*-40.30*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 12-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	265.49	
		For Up To 10, Add	*60.33*	
		For >10 To 20, Add	*31.97*	
		For >20 To 40, Add	*16.89*	
		For >75 To 100, Deduct	*-8.44*	
		For >100 To 200, Deduct	*-17.79*	
		For >200, Deduct	*-26.24*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	274.88	
		For Up To 10, Add	*62.20*	
		For >10 To 20, Add	*32.91*	
		For >20 To 40, Add	*17.36*	
		For >75 To 100, Deduct	*-8.68*	
		For >100 To 200, Deduct	*-18.26*	
		For >200, Deduct	*-26.94*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 12-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	325.88	
		For Up To 10, Add	*72.40*	
		For >10 To 20, Add	*38.01*	
		For >20 To 40, Add	*19.91*	
		For >75 To 100, Deduct	*-9.95*	
		For >100 To 200, Deduct	*-20.81*	
		For >200, Deduct	*-30.77*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 12-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	327.08	
		For Up To 10, Add	*72.64*	
		For >10 To 20, Add	*38.13*	
		For >20 To 40, Add	*19.97*	
		For >75 To 100, Deduct	*-9.98*	
		For >100 To 200, Deduct	*-20.87*	
		For >200, Deduct	*-30.86*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 12-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	349.88	
		For Up To 10, Add	*77.20*	
		For >10 To 20, Add	*40.41*	
		For >20 To 40, Add	*21.11*	
		For >75 To 100, Deduct	*-10.55*	
		For >100 To 200, Deduct	*-22.01*	
		For >200, Deduct	*-32.57*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	

07 52 16 12-0021 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 12-0001)*

07 52 16 12-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.72	
07 52 16 12-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.30	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 12-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.33	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 12-0025	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.69	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 12-0026	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.75	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 12-0027	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.28	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 12-0028	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	6.24	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 12-0029	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.36	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 12-0030	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.45	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 12-0031	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.88	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 12-0032	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.20	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 12-0033	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	7.07	
07 52 16 12-0034	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	13.81	

07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 13-0001 Torch-Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 16 13-0002 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 13-0001)*

07 52 16 13-0003	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Torch-Applied	276.55	
		For Up To 10, Add	*65.02*	
		For >10 To 20, Add	*34.94*	
		For >20 To 40, Add	*18.68*	
		For >75 To 100, Deduct	*-9.34*	
		For >100 To 200, Deduct	*-19.90*	
		For >200, Deduct	*-29.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 13-0004	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	247.45	
		For Up To 10, Add	*59.20*	
		For >10 To 20, Add	*32.03*	
		For >20 To 40, Add	*17.23*	
		For >75 To 100, Deduct	*-8.61*	
		For >100 To 200, Deduct	*-18.44*	
		For >200, Deduct	*-27.06*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 13-0005	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	281.65	
		For Up To 10, Add	*66.04*	
		For >10 To 20, Add	*35.45*	
		For >20 To 40, Add	*18.94*	
		For >75 To 100, Deduct	*-9.47*	
		For >100 To 200, Deduct	*-20.15*	
		For >200, Deduct	*-29.62*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 13-0006	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	436.69	
		For Up To 10, Add	*97.05*	
		For >10 To 20, Add	*50.95*	
		For >20 To 40, Add	*26.69*	
		For >75 To 100, Deduct	*-13.35*	
		For >100 To 200, Deduct	*-27.90*	
		For >200, Deduct	*-41.25*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 13-0007	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	257.23	
		For Up To 10, Add	*61.16*	
		For >10 To 20, Add	*33.01*	
		For >20 To 40, Add	*17.72*	
		For >75 To 100, Deduct	*-8.86*	
		For >100 To 200, Deduct	*-18.93*	
		For >200, Deduct	*-27.79*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 13-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	297.55	
		For Up To 10, Add	*69.22*	
		For >10 To 20, Add	*37.04*	
		For >20 To 40, Add	*19.73*	
		For >75 To 100, Deduct	*-9.87*	
		For >100 To 200, Deduct	*-20.95*	
		For >200, Deduct	*-30.81*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 13-0009	SQ	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	310.49	
		For Up To 10, Add	*72.00*	
		For >10 To 20, Add	*38.47*	
		For >20 To 40, Add	*20.47*	
		For >75 To 100, Deduct	*-10.24*	
		For >100 To 200, Deduct	*-21.71*	
		For >200, Deduct	*-31.95*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 13-0010	SQ	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	404.60	
		For Up To 10, Add	*90.82*	
		For >10 To 20, Add	*47.89*	
		For >20 To 40, Add	*25.18*	
		For >75 To 100, Deduct	*-12.59*	
		For >100 To 200, Deduct	*-26.42*	
		For >200, Deduct	*-39.01*	
		For Factory Applied White Reflective Surfacing, Add	*100.54*	

07 52 16 13-0011 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 13-0001)*

07 52 16 13-0012	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.81	
07 52 16 13-0013	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.79	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 13-0014	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.33	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 13-0015	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.98	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 13-0016	SF	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.06	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 13-0017	SF	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.01	
		For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 13-0018	SF	150 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.21	
07 52 16 13-0019	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	12.91	

07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 14-0001		Mechanically Fastened Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 14)* Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.		
07 52 16 14-0002		Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base And Ply Sheets *(07 52 16 14-0001)*		
07 52 16 14-0003	SQ	35 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Mechanically Fastened	175.18	
		For Up To 10, Add	*38.27*	
		For >10 To 20, Add	*19.94*	
		For >20 To 40, Add	*10.38*	
		For >75 To 100, Deduct	*-5.19*	
		For >100 To 200, Deduct	*-10.78*	
		For >200, Deduct	*-15.97*	
07 52 16 14-0004	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	134.13	
		For Up To 10, Add	*30.06*	
		For >10 To 20, Add	*15.84*	
		For >20 To 40, Add	*8.32*	
		For >75 To 100, Deduct	*-4.16*	
		For >100 To 200, Deduct	*-8.73*	
		For >200, Deduct	*-12.89*	
07 52 16 14-0005	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	174.54	
		For Up To 10, Add	*38.14*	
		For >10 To 20, Add	*19.88*	
		For >20 To 40, Add	*10.34*	
		For >75 To 100, Deduct	*-5.17*	
		For >100 To 200, Deduct	*-10.75*	
		For >200, Deduct	*-15.92*	
07 52 16 14-0006	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	219.18	
		For Up To 10, Add	*47.07*	
		For >10 To 20, Add	*24.34*	
		For >20 To 40, Add	*12.58*	
		For >75 To 100, Deduct	*-6.29*	
		For >100 To 200, Deduct	*-12.98*	
		For >200, Deduct	*-19.27*	
07 52 16 14-0007	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	275.88	
		For Up To 10, Add	*58.41*	
		For >10 To 20, Add	*30.01*	
		For >20 To 40, Add	*15.41*	
		For >75 To 100, Deduct	*-7.71*	
		For >100 To 200, Deduct	*-15.82*	
		For >200, Deduct	*-23.52*	
07 52 16 14-0008		Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 14-0001)*		
07 52 16 14-0009	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	3.33	
07 52 16 14-0010	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	3.41	
07 52 16 15		**Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing** *(07 52 16)*		
07 52 16 15-0001		Self-Adhering Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 15)* Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.		
07 52 16 15-0002		Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 15-0001)*		
07 52 16 15-0003	SQ	60 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	139.31	
		For Up To 10, Add	*31.75*	
		For >10 To 20, Add	*16.84*	
		For >20 To 40, Add	*8.91*	
		For >75 To 100, Deduct	*-4.45*	
		For >100 To 200, Deduct	*-9.39*	
		For >200, Deduct	*-13.85*	
07 52 16 15-0004	SQ	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	147.82	
		For Up To 10, Add	*33.45*	
		For >10 To 20, Add	*17.70*	
		For >20 To 40, Add	*9.33*	
		For >75 To 100, Deduct	*-4.67*	
		For >100 To 200, Deduct	*-9.82*	
		For >200, Deduct	*-14.49*	
07 52 16 15-0005	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	251.51	
		For Up To 10, Add	*54.48*	
		For >10 To 20, Add	*28.28*	
		For >20 To 40, Add	*14.66*	
		For >75 To 100, Deduct	*-7.33*	
		For >100 To 200, Deduct	*-15.19*	
		For >200, Deduct	*-22.52*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 15-0006		SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	301.37	
			For Up To 10, Add	*64.45*	
			For >10 To 20, Add	*33.27*	
			For >20 To 40, Add	*17.16*	
			For >75 To 100, Deduct	*-8.58*	
			For >100 To 200, Deduct	*-17.68*	
			For >200, Deduct	*-26.26*	
			For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 15-0007		SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	448.37	
			For Up To 10, Add	*93.85*	
			For >10 To 20, Add	*47.97*	
			For >20 To 40, Add	*24.51*	
			For >75 To 100, Deduct	*-12.25*	
			For >100 To 200, Deduct	*-25.03*	
			For >200, Deduct	*-37.28*	
			For Factory Applied White Reflective Surfacing, Add	*100.54*	
07 52 16 15-0008			Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 15-0001)*		
07 52 16 15-0009		SF	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	3.77	
07 52 16 15-0010		SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	4.25	
			For Factory Applied White Reflective Surfacing, Add	*1.01*	
07 52 16 15-0011		SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	5.72	
			For Factory Applied White Reflective Surfacing, Add	*1.01*	

07 53 Elastomeric Membrane Roofing *(07 50)*

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 53 16 Chlorosulfonate-Polyethylene Roofing *(07 53)*

07 53 16 00-0001 Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes *(07 53 16)*

Note: Includes hot air welding or adhesive bonding of seams.

07 53 16 00-0002		SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Fully Adhered Note: Includes adhesive.	544.14	77.69
			For Up To 10, Add	*139.90*	
			For >10 To 20, Add	*77.72*	
			For >20 To 40, Add	*42.75*	
			For >75 To 100, Deduct	*-21.37*	
			For >100 To 200, Deduct	*-46.63*	
			For >200, Deduct	*-68.00*	
			For 15 Year Warranty, Add	*3.00*	
07 53 16 00-0003		SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Ballasted Note: Includes ballast.	417.60	38.85
			For Up To 10, Add	*99.06*	
			For >10 To 20, Add	*53.41*	
			For >20 To 40, Add	*28.65*	
			For >75 To 100, Deduct	*-14.32*	
			For >100 To 200, Deduct	*-30.59*	
			For >200, Deduct	*-44.92*	
			For 15 Year Warranty, Add	*3.00*	
07 53 16 00-0004		SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	441.35	58.27
			For Up To 10, Add	*111.58*	
			For >10 To 20, Add	*61.62*	
			For >20 To 40, Add	*33.72*	
			For >75 To 100, Deduct	*-16.86*	
			For >100 To 200, Deduct	*-36.64*	
			For >200, Deduct	*-53.50*	
			For 15 Year Warranty, Add	*3.00*	
			For Mechanically Fastened To Concrete Decks, Add	*29.14*	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*30.36*	

07 53 23 Ethylene-Propylene-Diene-Monomer Roofing *(07 53)*

07 53 23 00-0001 Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes *(07 53 23)*

Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).

07 53 23 00-0002		SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	297.43	38.85
			For Up To 10, Add	*75.02*	
			For >10 To 20, Add	*41.40*	
			For >20 To 40, Add	*22.64*	
			For >75 To 100, Deduct	*-11.32*	
			For >100 To 200, Deduct	*-24.58*	
			For >200, Deduct	*-35.90*	
			For 15 Year Warranty, Add	*3.00*	
			For Low Slope Fire Rated, Add	*8.08*	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*31.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0003	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted	391.91	41.27
		Note: Includes ballast.		
		For Up To 10, Add	*94.89*	
		For >10 To 20, Add	*51.57*	
		For >20 To 40, Add	*27.85*	
		For >75 To 100, Deduct	*-13.92*	
		For >100 To 200, Deduct	*-29.91*	
		For >200, Deduct	*-43.84*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.08*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*31.49*	
07 53 23 00-0004	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted	537.85	43.70
		Note: Includes ballast.		
		For Up To 10, Add	*125.05*	
		For >10 To 20, Add	*66.90*	
		For >20 To 40, Add	*35.63*	
		For >75 To 100, Deduct	*-17.82*	
		For >100 To 200, Deduct	*-37.62*	
		For >200, Deduct	*-55.64*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.08*	
07 53 23 00-0005	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)	355.69	58.27
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	*94.45*	
		For >10 To 20, Add	*53.05*	
		For >20 To 40, Add	*29.44*	
		For >75 To 100, Deduct	*-14.72*	
		For >100 To 200, Deduct	*-32.35*	
		For >200, Deduct	*-47.07*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.08*	
		For Low VOC Adhesive, Add	*20.64*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*31.49*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*77.09*	
		For Integral Polyester Fleece-Backing, Add	*102.96*	
07 53 23 00-0006	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)	450.17	60.69
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	*114.31*	
		For >10 To 20, Add	*63.23*	
		For >20 To 40, Add	*34.65*	
		For >75 To 100, Deduct	*-17.32*	
		For >100 To 200, Deduct	*-37.68*	
		For >200, Deduct	*-55.01*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.08*	
		For Low VOC Adhesive, Add	*20.64*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*31.49*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*77.09*	
		For Integral Polyester Fleece-Backing, Add	*114.81*	
07 53 23 00-0007	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)	596.10	63.12
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	*144.47*	
		For >10 To 20, Add	*78.55*	
		For >20 To 40, Add	*42.43*	
		For >75 To 100, Deduct	*-21.22*	
		For >100 To 200, Deduct	*-45.59*	
		For >200, Deduct	*-66.80*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.08*	
		For Low VOC Adhesive, Add	*20.64*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*77.09*	
		For Integral Polyester Fleece-Backing, Add	*127.73*	
07 53 23 00-0008	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered	469.96	77.69
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	*125.07*	
		For >10 To 20, Add	*70.30*	
		For >20 To 40, Add	*39.04*	
		For >75 To 100, Deduct	*-19.52*	
		For >100 To 200, Deduct	*-42.92*	
		For >200, Deduct	*-62.44*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.08*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*31.49*	
		For Low VOC Adhesive, Add	*51.59*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*77.09*	
		For Integral Polyester Fleece-Backing, Add	*102.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0009	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	564.46	80.12
		For Up To 10, Add	*144.94*	
		For >10 To 20, Add	*80.48*	
		For >20 To 40, Add	*44.25*	
		For >75 To 100, Deduct	*-22.12*	
		For >100 To 200, Deduct	*-48.25*	
		For >200, Deduct	*-70.38*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.08*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*31.49*	
		For Low VOC Adhesive, Add	*51.59*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*77.09*	
		For Integral Polyester Fleece-Backing, Add	*114.81*	
07 53 23 00-0010	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	710.38	82.54
		For Up To 10, Add	*175.10*	
		For >10 To 20, Add	*95.80*	
		For >20 To 40, Add	*52.03*	
		For >75 To 100, Deduct	*-26.01*	
		For >100 To 200, Deduct	*-56.16*	
		For >200, Deduct	*-82.17*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.08*	
		For Low VOC Adhesive, Add	*51.59*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*77.09*	
		For Integral Polyester Fleece-Backing, Add	*127.73*	
07 53 23 00-0011	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	320.95	58.27
		For Up To 10, Add	*87.50*	
		For >10 To 20, Add	*49.58*	
		For >20 To 40, Add	*27.70*	
		For >75 To 100, Deduct	*-13.85*	
		For >100 To 200, Deduct	*-30.62*	
		For >200, Deduct	*-44.47*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.08*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*31.49*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*77.09*	
		For Mechanically Fastened To Concrete Decks, Add	*29.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*30.36*	
07 53 23 00-0012	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	415.43	60.69
		For Up To 10, Add	*107.36*	
		For >10 To 20, Add	*59.75*	
		For >20 To 40, Add	*32.91*	
		For >75 To 100, Deduct	*-16.46*	
		For >100 To 200, Deduct	*-35.95*	
		For >200, Deduct	*-52.40*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.08*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*31.49*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*77.09*	
		For Mechanically Fastened To Concrete Decks, Add	*30.35*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*31.57*	
07 53 23 00-0013	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	561.35	63.12
		For Up To 10, Add	*137.52*	
		For >10 To 20, Add	*75.07*	
		For >20 To 40, Add	*40.69*	
		For >75 To 100, Deduct	*-20.35*	
		For >100 To 200, Deduct	*-43.85*	
		For >200, Deduct	*-64.20*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.08*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*77.09*	
		For Mechanically Fastened To Concrete Decks, Add	*31.56*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*32.78*	

07 53 23 00-0014 Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories *(07 53 23)*

07 53 23 00-0015	SQ	Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat	66.68	
		For Up To 10, Add	*17.22*	
		For >10 To 20, Add	*9.58*	
		For >20 To 40, Add	*5.28*	
		For >75 To 100, Deduct	*-2.64*	
		For >100 To 200, Deduct	*-5.76*	
		For >200, Deduct	*-8.40*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat	69.04	
		Note: 55% solids by volume.		
		For Up To 10, Add	*17.69*	
		For >10 To 20, Add	*9.82*	
		For >20 To 40, Add	*5.39*	
		For >75 To 100, Deduct	*-2.70*	
		For >100 To 200, Deduct	*-5.88*	
		For >200, Deduct	*-8.58*	
07 53 23 00-0017	EA	Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot	41.40	9.23
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0018	EA	>4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot	60.05	9.23
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0019	EA	>8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot	113.88	9.23
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0020	EA	6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket	151.44	10.20
		Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 53 23 00-0021	LF	30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad	32.48	5.63
		Note: Includes factory installed peel and stick adhesive tape.		
07 53 23 00-0022	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing	6.10	1.45
07 53 23 00-0023	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing	7.55	2.19

07 53 29 Polyisobutylene Roofing *(07 53)*

07 53 29 00-0001 Polyisobutylene (PIB) Roofing Membranes *(07 53 29)*

Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.

07 53 29 00-0002	SQ	100 Mil, Single Ply PIB Roofing Membrane, Ballasted	490.03	43.70
		Note: Includes ballast.		
		For Up To 10, Add	*115.49*	
		For >10 To 20, Add	*62.11*	
		For >20 To 40, Add	*33.24*	
		For >75 To 100, Deduct	*-16.62*	
		For >100 To 200, Deduct	*-35.43*	
		For >200, Deduct	*-52.05*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
07 53 29 00-0003	SQ	100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%)	544.42	63.12
		Note: Includes adhesive.		
		For Up To 10, Add	*134.13*	
		For >10 To 20, Add	*73.38*	
		For >20 To 40, Add	*39.85*	
		For >75 To 100, Deduct	*-19.92*	
		For >100 To 200, Deduct	*-43.00*	
		For >200, Deduct	*-62.93*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
07 53 29 00-0004	SQ	100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered	652.90	82.54
		Note: Includes adhesive.		
		For Up To 10, Add	*163.60*	
		For >10 To 20, Add	*90.06*	
		For >20 To 40, Add	*49.16*	
		For >75 To 100, Deduct	*-24.58*	
		For >100 To 200, Deduct	*-53.28*	
		For >200, Deduct	*-77.86*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	

07 54 Thermoplastic Membrane Roofing *(07 50)*

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 54 19 Polyvinyl-Chloride Roofing *(07 54)*

07 54 19 00-0001 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes *(07 54 19)*

Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.

07 54 19 00-0002	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	198.37	38.85
		Note: Includes ballast.		
		For Up To 10, Add	*55.21*	
		For >10 To 20, Add	*31.49*	
		For >20 To 40, Add	*17.69*	
		For >75 To 100, Deduct	*-8.84*	
		For >100 To 200, Deduct	*-19.63*	
		For >200, Deduct	*-28.47*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*33.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0003	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	220.71	41.27
		Note: Includes ballast.		
		For Up To 10, Add	*60.65*	
		For >10 To 20, Add	*34.45*	
		For >20 To 40, Add	*19.29*	
		For >75 To 100, Deduct	*-9.64*	
		For >100 To 200, Deduct	*-21.35*	
		For >200, Deduct	*-31.00*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*33.43*	
07 54 19 00-0004	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	245.48	42.49
		Note: Includes ballast.		
		For Up To 10, Add	*66.09*	
		For >10 To 20, Add	*37.29*	
		For >20 To 40, Add	*20.77*	
		For >75 To 100, Deduct	*-10.39*	
		For >100 To 200, Deduct	*-22.90*	
		For >200, Deduct	*-33.28*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*33.43*	
07 54 19 00-0005	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	257.63	43.70
		Note: Includes ballast.		
		For Up To 10, Add	*69.01*	
		For >10 To 20, Add	*38.87*	
		For >20 To 40, Add	*21.62*	
		For >75 To 100, Deduct	*-10.81*	
		For >100 To 200, Deduct	*-23.81*	
		For >200, Deduct	*-34.62*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*33.43*	
07 54 19 00-0006	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	346.73	77.69
		Note: Includes adhesive.		
		For Up To 10, Add	*100.42*	
		For >10 To 20, Add	*57.98*	
		For >20 To 40, Add	*32.87*	
		For >75 To 100, Deduct	*-16.44*	
		For >100 To 200, Deduct	*-36.76*	
		For >200, Deduct	*-53.20*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*55.23*	
		For Integral Polyester Fleece-Backing, Add	*33.43*	
07 54 19 00-0007	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	369.07	80.12
		Note: Includes adhesive.		
		For Up To 10, Add	*105.86*	
		For >10 To 20, Add	*60.94*	
		For >20 To 40, Add	*34.48*	
		For >75 To 100, Deduct	*-17.24*	
		For >100 To 200, Deduct	*-38.48*	
		For >200, Deduct	*-55.72*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*55.23*	
		For Integral Polyester Fleece-Backing, Add	*33.43*	
07 54 19 00-0008	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	393.83	81.33
		Note: Includes adhesive.		
		For Up To 10, Add	*111.30*	
		For >10 To 20, Add	*63.78*	
		For >20 To 40, Add	*35.96*	
		For >75 To 100, Deduct	*-17.98*	
		For >100 To 200, Deduct	*-40.02*	
		For >200, Deduct	*-58.00*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*55.23*	
		For Integral Polyester Fleece-Backing, Add	*33.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0009	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	405.99	82.54
		For Up To 10, Add	*114.22*	
		For >10 To 20, Add	*65.36*	
		For >20 To 40, Add	*36.81*	
		For >75 To 100, Deduct	*-18.40*	
		For >100 To 200, Deduct	*-40.94*	
		For >200, Deduct	*-59.34*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*55.23*	
		For Integral Polyester Fleece-Backing, Add	*33.43*	
07 54 19 00-0010	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	214.23	58.27
		For Up To 10, Add	*66.15*	
		For >10 To 20, Add	*38.90*	
		For >20 To 40, Add	*22.37*	
		For >75 To 100, Deduct	*-11.18*	
		For >100 To 200, Deduct	*-25.28*	
		For >200, Deduct	*-36.46*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*33.43*	
		For Mechanically Fastened To Concrete Decks, Add	*29.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*30.36*	
07 54 19 00-0011	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	236.57	60.69
		For Up To 10, Add	*71.59*	
		For >10 To 20, Add	*41.87*	
		For >20 To 40, Add	*23.97*	
		For >75 To 100, Deduct	*-11.98*	
		For >100 To 200, Deduct	*-27.00*	
		For >200, Deduct	*-38.99*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*33.43*	
		For Mechanically Fastened To Concrete Decks, Add	*30.35*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*31.57*	
07 54 19 00-0012	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	261.34	61.91
		For Up To 10, Add	*77.03*	
		For >10 To 20, Add	*44.71*	
		For >20 To 40, Add	*25.45*	
		For >75 To 100, Deduct	*-12.72*	
		For >100 To 200, Deduct	*-28.54*	
		For >200, Deduct	*-41.27*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*33.43*	
		For Mechanically Fastened To Concrete Decks, Add	*30.96*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*32.18*	
07 54 19 00-0013	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	273.48	63.12
		For Up To 10, Add	*79.95*	
		For >10 To 20, Add	*46.29*	
		For >20 To 40, Add	*26.30*	
		For >75 To 100, Deduct	*-13.15*	
		For >100 To 200, Deduct	*-29.46*	
		For >200, Deduct	*-42.60*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*33.43*	
		For Mechanically Fastened To Concrete Decks, Add	*31.56*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*32.78*	

07 54 19 00-0014 Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories *(07 54 19)*

07 54 19 00-0015	SQ	Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat	66.68	
		For Up To 10, Add	*17.22*	
		For >10 To 20, Add	*9.58*	
		For >20 To 40, Add	*5.28*	
		For >75 To 100, Deduct	*-2.64*	
		For >100 To 200, Deduct	*-5.76*	
		For >200, Deduct	*-8.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat Note: 55% solids by volume.	69.04	
		For Up To 10, Add	*17.69*	
		For >10 To 20, Add	*9.82*	
		For >20 To 40, Add	*5.39*	
		For >75 To 100, Deduct	*-2.70*	
		For >100 To 200, Deduct	*-5.88*	
		For >200, Deduct	*-8.58*	
07 54 19 00-0017	EA	Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	70.00	8.25
07 54 19 00-0018	EA	>3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	98.75	9.23
07 54 19 00-0019	EA	>7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	126.64	10.20
07 54 19 00-0020	EA	6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	161.66	10.20
07 54 19 00-0021	LF	36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad	27.67	5.63
07 54 19 00-0022	SF	Polyvinyl Chloride (PVC) Membrane Base Flashing	7.31	1.45
07 54 19 00-0023	SF	Polyvinyl Chloride (PVC) Membrane Curb Flashing	8.76	2.19
07 54 19 00-0024	SF	Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.	9.99	1.45
07 54 19 00-0025		Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (Sika Sarnafil® EnergySmart Roof® Membranes) *(07 54 19)*		
07 54 19 00-0026		Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (Sika Sarnafil® EnergySmart Roof® Membranes) *(07 54 19 00-0025)* Note: Includes integral fiberglass mat reinforcement and hot air welding of seams. Sarnafil® G410 fully adhered membranes meet or exceed all of the requirements of ASTM D4434 Type II. Sarnafil® S327 mechanically attached membranes meet or exceed all of the requirements of ASTM D4434 Type III.		
07 54 19 00-0027	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered Note: Includes adhesive.	410.16	77.69
		For Up To 10, Add	*113.11*	
		For >10 To 20, Add	*64.32*	
		For >20 To 40, Add	*36.05*	
		For >75 To 100, Deduct	*-18.02*	
		For >100 To 200, Deduct	*-39.93*	
		For >200, Deduct	*-57.95*	
		For 15 Year Warranty, Add	*2.78*	
		For 20 Year Warranty, Add	*9.72*	
		For 25 Year Warranty, Add	*18.05*	
		For Integral Felt Backing, Add	*48.60*	
07 54 19 00-0028	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered Note: Includes adhesive.	440.10	80.12
		For Up To 10, Add	*120.07*	
		For >10 To 20, Add	*68.05*	
		For >20 To 40, Add	*38.03*	
		For >75 To 100, Deduct	*-19.01*	
		For >100 To 200, Deduct	*-42.04*	
		For >200, Deduct	*-61.05*	
		For 15 Year Warranty, Add	*2.78*	
		For 20 Year Warranty, Add	*9.72*	
		For 25 Year Warranty, Add	*18.05*	
		For Integral Felt Backing, Add	*48.60*	
07 54 19 00-0029	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered Note: Includes adhesive.	469.17	81.33
		For Up To 10, Add	*126.37*	
		For >10 To 20, Add	*71.32*	
		For >20 To 40, Add	*39.72*	
		For >75 To 100, Deduct	*-19.86*	
		For >100 To 200, Deduct	*-43.79*	
		For >200, Deduct	*-63.65*	
		For 15 Year Warranty, Add	*2.78*	
		For 20 Year Warranty, Add	*9.72*	
		For 25 Year Warranty, Add	*18.05*	
		For Integral Felt Backing, Add	*48.60*	
07 54 19 00-0030	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered Note: Includes adhesive.	499.82	82.54
		For Up To 10, Add	*132.98*	
		For >10 To 20, Add	*74.75*	
		For >20 To 40, Add	*41.50*	
		For >75 To 100, Deduct	*-20.75*	
		For >100 To 200, Deduct	*-45.63*	
		For >200, Deduct	*-66.38*	
		For 15 Year Warranty, Add	*2.78*	
		For 20 Year Warranty, Add	*9.72*	
		For 25 Year Warranty, Add	*18.05*	
		For Integral Felt Backing, Add	*48.60*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0031	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	331.29	58.27
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
		For Up To 10, Add	*89.57*	
		For >10 To 20, Add	*50.61*	
		For >20 To 40, Add	*28.22*	
		For >75 To 100, Deduct	*-14.11*	
		For >100 To 200, Deduct	*-31.13*	
		For >200, Deduct	*-45.24*	
		For Mechanically Fastened To Concrete Decks, Add	*29.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*30.36*	
		For 15 Year Warranty, Add	*2.78*	
		For 20 Year Warranty, Add	*9.72*	
		For 25 Year Warranty, Add	*18.05*	
		For Integral Felt Backing, Add	*48.60*	
		For Mechanically Fastened With Sarnabar, Add	*28.54*	
07 54 19 00-0032	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	361.22	60.69
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
		For Up To 10, Add	*96.52*	
		For >10 To 20, Add	*54.33*	
		For >20 To 40, Add	*30.20*	
		For >75 To 100, Deduct	*-15.10*	
		For >100 To 200, Deduct	*-33.23*	
		For >200, Deduct	*-48.33*	
		For Mechanically Fastened To Concrete Decks, Add	*30.35*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*31.57*	
		For 15 Year Warranty, Add	*2.78*	
		For 20 Year Warranty, Add	*9.72*	
		For 25 Year Warranty, Add	*18.05*	
		For Integral Felt Backing, Add	*48.60*	
		For Mechanically Fastened With Sarnabar, Add	*28.54*	
07 54 19 00-0033	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	390.30	61.91
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
		For Up To 10, Add	*102.82*	
		For >10 To 20, Add	*57.60*	
		For >20 To 40, Add	*31.90*	
		For >75 To 100, Deduct	*-15.95*	
		For >100 To 200, Deduct	*-34.99*	
		For >200, Deduct	*-50.94*	
		For Mechanically Fastened To Concrete Decks, Add	*30.96*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*32.18*	
		For 15 Year Warranty, Add	*2.78*	
		For 20 Year Warranty, Add	*9.72*	
		For 25 Year Warranty, Add	*18.05*	
		For Integral Felt Backing, Add	*48.60*	
		For Mechanically Fastened With Sarnabar, Add	*28.54*	
07 54 19 00-0034	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	420.94	63.12
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
		For Up To 10, Add	*109.44*	
		For >10 To 20, Add	*61.03*	
		For >20 To 40, Add	*33.67*	
		For >75 To 100, Deduct	*-16.84*	
		For >100 To 200, Deduct	*-36.83*	
		For >200, Deduct	*-53.66*	
		For Mechanically Fastened To Concrete Decks, Add	*31.56*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*32.78*	
		For 15 Year Warranty, Add	*2.78*	
		For 20 Year Warranty, Add	*9.72*	
		For 25 Year Warranty, Add	*18.05*	
		For Integral Felt Backing, Add	*48.60*	
		For Mechanically Fastened With Sarnabar, Add	*28.54*	

07 54 19 00-0035 Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (Sika Sarnafil® EnergySmart Roof® Membranes) *(07 54 19 00-0025)*

07 54 19 00-0036	LF	3/4" Wide Multi-Purpose Tape (Sika Sarnafil®)	0.96	
07 54 19 00-0037	LF	Roofing Membrane Aluminum Termination Bar (Sika Sarnafil® Sarnastop)	4.39	1.40
		Note: Includes fasteners and caulking.		
07 54 19 00-0038	EA	4-1/2" Diameter, Polyvinyl Chloride (PVC) Membrane Prefabricated Patch (Sika Sarnafil® Sarnacircles)	4.51	1.21
07 54 19 00-0039	LF	8" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip)	4.93	1.21
		Note: Includes aluminum tape.		
07 54 19 00-0040	LF	12" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip)	4.93	1.21
		Note: Includes aluminum tape.		
07 54 19 00-0041	LF	Surface Mount Vertical Termination Bar (Sika Sarnafil® Sarnareglet)	6.58	1.54
		Note: Includes fasteners, splice plates and caulking.		
07 54 19 00-0042	SF	Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® G459)	6.87	1.45
07 54 19 00-0043	SF	Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Detail Membrane)	8.31	2.19
07 54 19 00-0044	SF	Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing (Sika Sarnafil® Sarnaclad)	9.86	1.45
		Note: 20 Mil white polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.		
		For Colored PVC, Add	*1.01*	
07 54 19 00-0045	LF	39" Wide, 96 Mil, Polyester Reinforced, Polyvinyl Chloride (PVC) Walkway Protection Pad (Sika Sarnafil® Sarnatred -V)	26.69	5.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0046	EA	Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack) Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	70.73	8.25
07 54 19 00-0047	EA	>3" To 5" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack) Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	72.68	9.23
07 54 19 00-0048	EA	>5" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack) Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	74.63	10.20
07 54 19 00-0049	EA	6" Diameter, Seamless Heavy-Duty Aluminum Roof Drain (Sika Sarnafil® Sarnadrain With U-Flow®)	1,065.78	199.76
07 54 19 00-0050	EA	Inside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacorners - Inside)	20.69	
07 54 19 00-0051	EA	Outside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacorners - Outside)	20.69	
07 54 19 00-0052	SQ	9 OZ/SY, Protective Polypropylene Fabric Separation Layer (Sika Sarnafil® Sarnafelt NWP), Loose Laid	48.96	
07 54 19 00-0053	SQ	11 OZ/SY, Protective Polypropylene Fabric Separation Layer (Sika Sarnafil® Sarnafelt), Loose Laid	76.30	
07 54 19 00-0054	SQ	10 Mil, Low Density Polyethylene, Vapor/Air Barrier Sheet (Sika Sarnafil® Sarnavap - 10), Loose Laid	42.76	
07 54 19 00-0055	SQ	32 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Vapor/Air Barrier Sheet (Sika Sarnafil® Sarnavap Self-Adhered), Self-Adhering	120.04	
07 54 19 00-0056		Snap-On Cover Fascia (Sika Sarnafil® Edge Grip) *(07 54 19 00-0025)*		
07 54 19 00-0057		Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0056)*		
07 54 19 00-0058		Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0057)*		
07 54 19 00-0059		Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0058)*		
07 54 19 00-0060	LF	8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	17.01	2.77
07 54 19 00-0061		Accessories For Mill Finish, Aluminum Snap-On Cover Fascia Systems *(07 54 19 00-0058)*		
07 54 19 00-0062	EA	Fascia Overflow Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	104.83	10.27
07 54 19 00-0063	EA	Fascia Spillout Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	104.83	10.27
07 54 19 00-0064	EA	Fascia Downspout Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	127.75	10.27
07 54 19 00-0065	EA	Inside/Outside Miter For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	48.10	2.77
07 54 19 00-0066		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0057)*		
07 54 19 00-0067		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0066)*		
07 54 19 00-0068	LF	8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	19.66	2.77
07 54 19 00-0069		Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 54 19 00-0066)*		
07 54 19 00-0070	EA	Fascia Overflow Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	110.12	10.27
07 54 19 00-0071	EA	Fascia Spillout Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	110.12	10.27
07 54 19 00-0072	EA	Fascia Downspout Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	138.34	10.27
07 54 19 00-0073	EA	Inside/Outside Miter For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	53.41	2.77
07 54 19 00-0074		Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0056)*		
07 54 19 00-0075		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0074)*		
07 54 19 00-0076		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) *(07 54 19 00-0075)*		
07 54 19 00-0077	LF	8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	17.62	2.77
07 54 19 00-0078		Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip) *(07 54 19 00-0075)*		
07 54 19 00-0079	EA	Fascia Overflow Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	106.05	10.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0080	EA	Fascia Spillout Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	106.05	10.27
07 54 19 00-0081	EA	Fascia Downspout Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	130.20	10.27
07 54 19 00-0082	EA	Inside/Outside Miter For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	49.33	2.77

07 54 23 Thermoplastic-Polyolefin Roofing *(07 54)*

07 54 23 00-0001 Thermoplastic Polyolefin (TPO) Roofing Membranes *(07 54 23)*

Note: Includes polyester fabric reinforcement and hot air welding of seams.

07 54 23 00-0002	SQ	45 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	334.25	77.69
		Note: Includes adhesive.		
		For Up To 10, Add	*97.93*	
		For >10 To 20, Add	*56.73*	
		For >20 To 40, Add	*32.25*	
		For >75 To 100, Deduct	*-16.13*	
		For >100 To 200, Deduct	*-36.14*	
		For >200, Deduct	*-52.26*	
		For 15 Year Warranty, Add	*3.00*	
		For Low VOC Adhesive, Add	*51.59*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0003	SQ	50 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	348.73	78.90
		Note: Includes adhesive.		
		For Up To 10, Add	*101.31*	
		For >10 To 20, Add	*58.54*	
		For >20 To 40, Add	*33.22*	
		For >75 To 100, Deduct	*-16.61*	
		For >100 To 200, Deduct	*-37.16*	
		For >200, Deduct	*-53.77*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*51.59*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0004	SQ	60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	356.52	80.12
		Note: Includes adhesive.		
		For Up To 10, Add	*103.35*	
		For >10 To 20, Add	*59.69*	
		For >20 To 40, Add	*33.85*	
		For >75 To 100, Deduct	*-16.93*	
		For >100 To 200, Deduct	*-37.86*	
		For >200, Deduct	*-54.78*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*51.59*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0005	SQ	80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	450.85	82.54
		Note: Includes adhesive.		
		For Up To 10, Add	*123.19*	
		For >10 To 20, Add	*69.85*	
		For >20 To 40, Add	*39.05*	
		For >75 To 100, Deduct	*-19.53*	
		For >100 To 200, Deduct	*-43.18*	
		For >200, Deduct	*-62.71*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*51.59*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0006	SQ	45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	227.87	58.27
		Note: Includes fasteners.		
		For Up To 10, Add	*68.88*	
		For >10 To 20, Add	*40.27*	
		For >20 To 40, Add	*23.05*	
		For >75 To 100, Deduct	*-11.52*	
		For >100 To 200, Deduct	*-25.96*	
		For >200, Deduct	*-37.48*	
		For 15 Year Warranty, Add	*3.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*29.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*30.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0007	SQ	50 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	242.33	59.48
		For Up To 10, Add	*72.26*	
		For >10 To 20, Add	*42.08*	
		For >20 To 40, Add	*24.01*	
		For >75 To 100, Deduct	*-12.01*	
		For >100 To 200, Deduct	*-26.99*	
		For >200, Deduct	*-38.99*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*29.74*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*30.96*	
07 54 23 00-0008	SQ	60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	250.13	60.69
		For Up To 10, Add	*74.30*	
		For >10 To 20, Add	*43.22*	
		For >20 To 40, Add	*24.65*	
		For >75 To 100, Deduct	*-12.32*	
		For >100 To 200, Deduct	*-27.68*	
		For >200, Deduct	*-40.00*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*30.35*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*31.57*	
07 54 23 00-0009	SQ	80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	344.46	63.12
		For Up To 10, Add	*94.14*	
		For >10 To 20, Add	*53.38*	
		For >20 To 40, Add	*29.85*	
		For >75 To 100, Deduct	*-14.92*	
		For >100 To 200, Deduct	*-33.00*	
		For >200, Deduct	*-47.93*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*31.56*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*32.78*	

07 54 23 00-0010 Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories *(07 54 23)*

07 54 23 00-0011	SQ	Acrylic, Thermoplastic Polyolefin (TPO) Roofing Primer, Price Per Coat	79.68	
		For Up To 10, Add	*19.82*	
		For >10 To 20, Add	*10.88*	
		For >20 To 40, Add	*5.93*	
		For >75 To 100, Deduct	*-2.96*	
		For >100 To 200, Deduct	*-6.41*	
		For >200, Deduct	*-9.37*	
07 54 23 00-0012	SQ	Acrylic Elastomeric, Surface Or Base Coating For TPO Roofing, Price Per Coat Note: 55% solids by volume.	69.04	
		For Up To 10, Add	*17.69*	
		For >10 To 20, Add	*9.82*	
		For >20 To 40, Add	*5.39*	
		For >75 To 100, Deduct	*-2.70*	
		For >100 To 200, Deduct	*-5.88*	
		For >200, Deduct	*-8.58*	
		For Tan Or Gray Color, Add	*2.48*	
07 54 23 00-0013	EA	Up To 3" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	60.07	8.25
07 54 23 00-0014	EA	>3" To 8" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	64.79	9.23
07 54 23 00-0015	EA	6" Diameter, Prefabricated TPO Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	120.31	10.20
07 54 23 00-0016	LF	30" Wide, TPO Walkway Protection Pad	27.31	5.63
07 54 23 00-0017	SF	Thermoplastic Polyolefin Membrane Base Flashing	7.65	1.45
07 54 23 00-0018	SF	Thermoplastic Polyolefin Curb Flashing	6.41	1.45
		For Tan Or Gray Color, Add	*0.10*	
07 54 23 00-0019	SF	Thermoplastic Polyolefin Clad Edge Metal Or Base Flashing Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.	11.35	1.45

07 56 Fluid-Applied Roofing *(07 50)*

07 56 00 00-0001 Neoprene Hypalon Liquid Roofing, 5 Coats *(07 56)*

07 56 00 00-0002	SQ	60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing	989.85	129.75
		For Each Additional Coat, Add	*148.48*	

07 56 00 00-0003 Vinyl Spray Liquid Roofing *(07 56)*

07 56 00 00-0004	SQ	2 Mil Vinyl Liquid Roofing	1,274.16	136.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 56 00 00-0005	SQ	4 Mil Vinyl Liquid Roofing	1,426.23	152.71
07 56 00 00-0006		**Silicone Elastomeric Liquid Roofing** *(07 56)*		
07 56 00 00-0007	SQ	65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat	419.54	78.35
07 56 00 00-0008	SQ	65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat	495.48	78.35
07 56 00 00-0009	SQ	65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat	552.59	78.35
07 56 00 00-0010		**Rubberized Acrylic Elastomeric Roof Coating, Sprayed On** *(07 56)* Note: As manufactured by Tru-Co, Inc.		
07 56 00 00-0011		**Rubberized Acrylic Elastomeric Roof Coating, Sprayed On Assemblies** *(07 56 00 00-0010)*		
07 56 00 00-0012	SQ	Elastomeric Installation Over Urethane Foam	909.15	
07 56 00 00-0013	SQ	Elastomeric Installation Over Decks	932.75	
07 56 00 00-0014	SQ	Elastomeric Installation Over Exterior, Waterproofing	366.43	
07 56 00 00-0015	SQ	Elastomeric Installation Over Existing Tar (Asphalt) And Gravel Roof	1,208.78	
07 56 00 00-0016	SQ	Elastomeric Installation Over New Construction, Waterproofing	655.78	
07 56 00 00-0017	SQ	Elastomeric Installation Over Mobile Home	436.81	
07 56 00 00-0018	SQ	Elastomeric Installation Over Corrugated Metal Roofs	508.02	
07 56 00 00-0019	SQ	Elastomeric Installation Over Granulate Mineral Surface, Cap Sheet (Semi-Smooth) Surface	980.35	
07 56 00 00-0020	SQ	4" Acrylic Gel With Fabric (Apply At Edges)	3.56	
07 56 00 00-0021	SQ	6" Acrylic Gel With Fabric (Apply At Edges)	5.06	
07 56 00 00-0022		**Polyurethane Roof Coating, Sprayed On Assemblies** *(07 56)* Note: Includes pressure wash, primer, base coat, polyester reinforcement, top coat and finish coat.		
07 56 00 00-0023	SF	Up To 50 SF White (High-Albedo) Polyurethane Coating	10.56	
07 56 00 00-0024	SF	>50 To 100 SF White (High-Albedo) Polyurethane Coating	10.14	
07 56 00 00-0025	SF	>100 To 500 SF White (High-Albedo) Polyurethane Coating	9.71	
07 56 00 00-0026	SEA	>500 To 1,000 SF White (High-Albedo) Polyurethane Coating	9.19	
07 56 00 00-0027		**Elastomeric Asphalt/Urethane Liquid Roofing Membrane** *(07 56)*		
07 56 00 00-0028	SQ	90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 60 mil second coat.	1,779.32	78.35
07 56 00 00-0029		**Urethane Liquid Roofing Membrane** *(07 56)* Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.		
07 56 00 00-0030	SQ	Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	92.91	
07 56 00 00-0031	LF	Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	4.69	
07 56 00 00-0032	SQ	White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ)	354.99	
07 56 00 00-0033	SQ	White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System	90.76	
07 56 00 00-0034	SQ	White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	879.23	
07 56 00 00-0035	SQ	White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	1,331.52	
07 56 00 00-0036	SQ	White-Knight® Plus WC High Strength, Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	909.70	
07 56 00 00-0037	SQ	White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ)	232.93	

07 57 Coated Foamed Roofing *(07 50)*

07 57 13 Sprayed Polyurethane Foam Roofing *(07 57)*

Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.

07 57 13 00-0001		**Sprayed Polyurethane Foam Roofing Systems** *(07 57 13)*		
07 57 13 00-0002		**Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating** *(07 57 13 00-0001)*		
07 57 13 00-0003		**Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating** *(07 57 13 00-0002)* Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.		
07 57 13 00-0004	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	327.09	47.93
07 57 13 00-0005	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	393.08	51.35
07 57 13 00-0006	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	459.08	54.78
07 57 13 00-0007	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	531.67	58.20
07 57 13 00-0008	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	604.26	61.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0009	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	663.66	65.05
07 57 13 00-0010	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	723.05	68.47
07 57 13 00-0011	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	789.04	71.90
07 57 13 00-0012	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	855.05	75.32
07 57 13 00-0013	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	921.03	78.75
07 57 13 00-0014	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	987.03	82.16

07 57 13 00-0015 Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.

07 57 13 00-0016	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	337.35	47.93
07 57 13 00-0017	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	403.35	51.35
07 57 13 00-0018	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	469.34	54.78
07 57 13 00-0019	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	535.33	58.20
07 57 13 00-0020	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	601.33	61.62
07 57 13 00-0021	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	667.33	65.05
07 57 13 00-0022	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	733.31	68.47
07 57 13 00-0023	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	799.31	71.90
07 57 13 00-0024	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	865.31	75.32
07 57 13 00-0025	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	931.29	78.75
07 57 13 00-0026	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	997.30	82.16

07 57 13 00-0027 Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.

07 57 13 00-0028	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	362.28	47.93
07 57 13 00-0029	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	426.08	51.35
07 57 13 00-0030	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	489.87	54.78
07 57 13 00-0031	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	555.86	58.20
07 57 13 00-0032	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	621.86	61.62
07 57 13 00-0033	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	715.28	65.05
07 57 13 00-0034	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	808.69	68.47
07 57 13 00-0035	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	880.25	71.90
07 57 13 00-0036	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	951.83	75.32
07 57 13 00-0037	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,023.38	78.75
07 57 13 00-0038	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,094.96	82.16

07 57 13 00-0039 Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating *(07 57 13 00-0001)*

07 57 13 00-0040 Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating *(07 57 13 00-0039)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.

07 57 13 00-0041	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	369.62	47.93
07 57 13 00-0042	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	441.18	51.35
07 57 13 00-0043	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	512.75	54.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0044	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	584.31	58.20
07 57 13 00-0045	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	655.88	61.62
07 57 13 00-0046	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	727.45	65.05
07 57 13 00-0047	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	799.01	68.47
07 57 13 00-0048	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	870.57	71.90
07 57 13 00-0049	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	942.15	75.32
07 57 13 00-0050	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,013.71	78.75
07 57 13 00-0051	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,085.28	82.16

07 57 13 00-0052 Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating *(07 57 13 00-0039)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.

07 57 13 00-0053	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	384.13	47.93
07 57 13 00-0054	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	455.70	51.35
07 57 13 00-0055	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	527.26	54.78
07 57 13 00-0056	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	598.83	58.20
07 57 13 00-0057	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	670.39	61.62
07 57 13 00-0058	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	741.97	65.05
07 57 13 00-0059	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	813.53	68.47
07 57 13 00-0060	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	885.09	71.90
07 57 13 00-0061	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	956.67	75.32
07 57 13 00-0062	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,028.22	78.75
07 57 13 00-0063	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,099.80	82.16

07 57 13 00-0064 Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating *(07 57 13 00-0039)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.

07 57 13 00-0065	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	395.42	47.93
07 57 13 00-0066	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	466.99	51.35
07 57 13 00-0067	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	538.56	54.78
07 57 13 00-0068	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	610.12	58.20
07 57 13 00-0069	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	681.69	61.62
07 57 13 00-0070	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	753.26	65.05
07 57 13 00-0071	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	824.82	68.47
07 57 13 00-0072	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	896.38	71.90
07 57 13 00-0073	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	967.96	75.32
07 57 13 00-0074	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,039.51	78.75
07 57 13 00-0075	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,111.09	82.16

07 58 Roll Roofing *(07 50)*

07 58 00 00-0001 Prepared Roll Roofing *(07 58)*

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.

07 58 00 00-0002	SQ	Granule Surfaced, 90 LB, Asphalt Saturated Organic Felt Roll Roofing	245.85	30.81

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 59 Membrane Roofing Termination Bar *(07 50)*					
07 59 00 00-0001		Membrane Roofing Termination Bar *(07 59)*			
07 59 00 00-0002	LF	Membrane Roofing Termination Bar Note: Includes fasteners and caulking.		4.57	1.40
07 60 Flashing and Sheet Metal *(07)*					
07 61 Sheet Metal Roofing *(07 60)*					
07 61 13 Standing Seam Sheet Metal Roofing *(07 61)*					
07 61 13 00-0001		Standing Seam Concealed Fastener Roofing *(07 61 13)*			
07 61 13 00-0002		Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*			
07 61 13 00-0003	SF	Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing		34.94	3.04
		For Steep Roof, Over 6 To 12, Add		*1.82*	
		For 140 MPH Wind Load, Add		*1.18*	
		For Up To 1,500, Add		*8.74*	
		For Panels < 16" Wide, Add		*2.87*	
		For Up To 5000, Add		*3.49*	
		For > 5000 To 10000, Add		*0.87*	
07 61 13 00-0004	SF	Architectural 18 Ounce Copper Standing Seam Concealed Fastener Roofing		38.27	3.30
		For Steep Roof, Over 6 To 12, Add		*1.97*	
		For Panels <16" Wide, Add		*3.13*	
		For 140 MPH Wind Load, Add		*1.29*	
		For Up To 1,500, Add		*9.57*	
		For >1,500 To 5,000, Add		*5.74*	
		For >5,000 To 10,000, Add		*0.96*	
		For Panels < 16" Wide, Add		*3.13*	
		For Up To 5000, Add		*3.83*	
		For > 5000 To 10000, Add		*0.96*	
07 61 13 00-0005	SF	Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing		45.21	3.59
		For Steep Roof, Over 6 To 12, Add		*2.15*	
		For 140 MPH Wind Load, Add		*1.48*	
		For Up To 1,500, Add		*11.30*	
		For Panels < 16" Wide, Add		*3.59*	
		For Up To 5000, Add		*4.52*	
		For > 5000 To 10000, Add		*1.13*	
07 61 13 00-0006		Zinc/Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*			
07 61 13 00-0007	SF	0.020" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing		40.95	3.30
		For Steep Roof, Over 6 To 12, Add		*1.97*	
		For Panels <16" Wide, Add		*3.26*	
		For 140 MPH Wind Load, Add		*1.35*	
		For Up To 1,500, Add		*10.24*	
		For >1,500 To 5,000, Add		*6.14*	
		For >5,000 To 10,000, Add		*1.02*	
		For Tin/Copper, Deduct		*-0.69*	
07 61 13 00-0008	SF	0.027" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing		49.83	3.43
		For Steep Roof, Over 6 To 12, Add		*2.06*	
		For Panels <16" Wide, Add		*3.76*	
		For 140 MPH Wind Load, Add		*1.55*	
		For Up To 1,500, Add		*12.46*	
		For >1,500 To 5,000, Add		*7.47*	
		For >5,000 To 10,000, Add		*1.25*	
		For Tin/Copper, Deduct		*-0.86*	
07 61 13 00-0009	SF	0.032" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing		56.76	3.59
		For Steep Roof, Over 6 To 12, Add		*2.15*	
		For Panels <16" Wide, Add		*4.17*	
		For 140 MPH Wind Load, Add		*1.71*	
		For Up To 1,500, Add		*14.19*	
		For >1,500 To 5,000, Add		*8.51*	
		For >5,000 To 10,000, Add		*1.42*	
		For Tin/Copper, Deduct		*-0.99*	
07 61 13 00-0010	SF	0.040" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing		71.47	3.77
		For Steep Roof, Over 6 To 12, Add		*2.26*	
		For Panels <16" Wide, Add		*4.96*	
		For 140 MPH Wind Load, Add		*2.03*	
		For Up To 1,500, Add		*17.87*	
		For >1,500 To 5,000, Add		*10.72*	
		For >5,000 To 10,000, Add		*1.79*	
		For Tin/Copper, Deduct		*-1.28*	
07 61 13 00-0011		Accessories For Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*			
07 61 13 00-0012	LF	Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing		148.68	6.28
		For Steep Roof, Over 6 To 12, Add		*4.71*	
		For 140 MPH Wind Load, Add		*4.23*	
07 61 13 00-0013	LF	Eave Flashing For Copper Standing Seam Concealed Fastener Roofing		84.28	6.28
		For Steep Roof, Over 6 To 12, Add		*4.71*	
		For 140 MPH Wind Load, Add		*2.94*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 13 00-0014	LF	Valley Flashing For Copper Standing Seam Concealed Fastener Roofing	209.58	6.28
		For Steep Roof, Over 6 To 12, Add	*4.71*	
		For 140 MPH Wind Load, Add	*5.45*	
07 61 13 00-0015	LF	Hip Flashing For Copper Standing Seam Concealed Fastener Roofing	153.50	6.28
		For Steep Roof, Over 6 To 12, Add	*4.71*	
		For 140 MPH Wind Load, Add	*4.33*	

07 61 16 Batten Seam Sheet Metal Roofing *(07 61)*

07 61 16 00-0001 Copper Batten Seam Concealed Fastener Roofing *(07 61 16)*

07 61 16 00-0002 Copper Batten Seam Concealed Fastener Roofing *(07 61 16 00-0001)*

07 61 16 00-0003	SF	16 Ounce Copper Batten Seam Concealed Fastener Roofing	43.10	3.59
		For Steep Roof, Over 6 To 12, Add	*2.15*	
		For Panels <16" Wide, Add	*3.48*	
		For 140 MPH Wind Load, Add	*1.44*	
		For Up To 1,500, Add	*10.78*	
		For >1,500 To 5,000, Add	*6.47*	
		For >5,000 To 10,000, Add	*1.08*	
07 61 16 00-0004	SF	18 Ounce Copper Batten Seam Concealed Fastener Roofing	47.68	3.77
		For Steep Roof, Over 6 To 12, Add	*2.26*	
		For Panels <16" Wide, Add	*3.78*	
		For 140 MPH Wind Load, Add	*1.56*	
		For Up To 1,500, Add	*11.92*	
		For >1,500 To 5,000, Add	*7.15*	
		For >5,000 To 10,000, Add	*1.19*	
07 61 16 00-0005	SF	20 Ounce Copper Batten Seam Concealed Fastener Roofing	55.79	3.95
		For Steep Roof, Over 6 To 12, Add	*2.37*	
		For Panels <16" Wide, Add	*4.25*	
		For 140 MPH Wind Load, Add	*1.75*	
		For Up To 1,500, Add	*13.95*	
		For >1,500 To 5,000, Add	*8.37*	
		For >5,000 To 10,000, Add	*1.39*	

07 61 16 00-0006 Zinc/Copper Batten Seam Concealed Fastener Roofing *(07 61 16 00-0001)*

07 61 16 00-0007	SF	0.020" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	43.91	3.30
		For Steep Roof, Over 6 To 12, Add	*1.97*	
		For Panels <16" Wide, Add	*3.41*	
		For 140 MPH Wind Load, Add	*1.40*	
		For Up To 1,500, Add	*10.98*	
		For >1,500 To 5,000, Add	*6.59*	
		For >5,000 To 10,000, Add	*1.10*	
		For Tin/Copper, Deduct	*-0.75*	
07 61 16 00-0008	SF	0.027" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	54.05	3.43
		For Steep Roof, Over 6 To 12, Add	*2.06*	
		For Panels <16" Wide, Add	*3.97*	
		For 140 MPH Wind Load, Add	*1.63*	
		For Up To 1,500, Add	*13.51*	
		For >1,500 To 5,000, Add	*8.11*	
		For >5,000 To 10,000, Add	*1.35*	
		For Tin/Copper, Deduct	*-0.94*	
07 61 16 00-0009	SF	0.032" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	60.70	3.59
		For Steep Roof, Over 6 To 12, Add	*2.15*	
		For Panels <16" Wide, Add	*4.36*	
		For 140 MPH Wind Load, Add	*1.79*	
		For Up To 1,500, Add	*15.18*	
		For >1,500 To 5,000, Add	*9.11*	
		For >5,000 To 10,000, Add	*1.52*	
		For Tin/Copper, Deduct	*-1.07*	
07 61 16 00-0010	SF	0.040" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	76.54	3.77
		For Steep Roof, Over 6 To 12, Add	*2.26*	
		For Panels <16" Wide, Add	*5.22*	
		For 140 MPH Wind Load, Add	*2.13*	
		For Up To 1,500, Add	*19.14*	
		For >1,500 To 5,000, Add	*11.48*	
		For >5,000 To 10,000, Add	*1.91*	
		For Tin/Copper, Deduct	*-1.38*	

07 61 19 Flat Seam Sheet Metal Roofing *(07 61)*

07 61 19 00-0001 Copper Flat Seam Concealed Fastener Roofing *(07 61 19)*

07 61 19 00-0002 Copper Flat Seam Concealed Fastener Roofing *(07 61 19 00-0001)*

07 61 19 00-0003	SF	16 Ounce Copper Flat Seam Concealed Fastener Roofing	33.06	3.30
		For Steep Roof, Over 6 To 12, Add	*1.97*	
		For Panels <16" Wide, Add	*2.87*	
		For 140 MPH Wind Load, Add	*1.19*	
		For Up To 1,500, Add	*8.27*	
		For >1,500 To 5,000, Add	*4.96*	
		For >5,000 To 10,000, Add	*0.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 19 00-0004	SF	18 Ounce Copper Flat Seam Concealed Fastener Roofing	36.45	3.43
		For Steep Roof, Over 6 To 12, Add	*2.06*	
		For Panels <16" Wide, Add	*3.09*	
		For 140 MPH Wind Load, Add	*1.28*	
		For Up To 1,500, Add	*9.11*	
		For >1,500 To 5,000, Add	*5.47*	
		For >5,000 To 10,000, Add	*0.91*	
07 61 19 00-0005	SF	20 Ounce Copper Flat Seam Concealed Fastener Roofing	42.39	3.59
		For Steep Roof, Over 6 To 12, Add	*2.15*	
		For Panels <16" Wide, Add	*3.45*	
		For 140 MPH Wind Load, Add	*1.42*	
		For Up To 1,500, Add	*10.60*	
		For >1,500 To 5,000, Add	*6.36*	
		For >5,000 To 10,000, Add	*1.06*	
07 61 19 00-0006		Zinc/Copper Flat Seam Concealed Fastener Roofing *(07 61 19 00-0001)*		
07 61 19 00-0007	SF	0.020" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	38.27	3.30
		For Steep Roof, Over 6 To 12, Add	*1.97*	
		For Panels <16" Wide, Add	*3.13*	
		For 140 MPH Wind Load, Add	*1.29*	
		For Up To 1,500, Add	*9.57*	
		For >1,500 To 5,000, Add	*5.74*	
		For >5,000 To 10,000, Add	*0.96*	
		For Tin/Copper, Deduct	*-0.63*	
07 61 19 00-0008	SF	0.027" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	47.01	3.43
		For Steep Roof, Over 6 To 12, Add	*2.06*	
		For Panels <16" Wide, Add	*3.62*	
		For 140 MPH Wind Load, Add	*1.49*	
		For Up To 1,500, Add	*11.75*	
		For >1,500 To 5,000, Add	*7.05*	
		For >5,000 To 10,000, Add	*1.18*	
		For Tin/Copper, Deduct	*-0.80*	
07 61 19 00-0009	SF	0.032" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	52.96	3.59
		For Steep Roof, Over 6 To 12, Add	*2.15*	
		For Panels <16" Wide, Add	*3.98*	
		For 140 MPH Wind Load, Add	*1.63*	
		For Up To 1,500, Add	*13.24*	
		For >1,500 To 5,000, Add	*7.94*	
		For >5,000 To 10,000, Add	*1.32*	
		For Tin/Copper, Deduct	*-0.92*	
07 61 19 00-0010	SF	0.040" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	66.68	3.77
		For Steep Roof, Over 6 To 12, Add	*2.26*	
		For Panels <16" Wide, Add	*4.73*	
		For 140 MPH Wind Load, Add	*1.94*	
		For Up To 1,500, Add	*16.67*	
		For >1,500 To 5,000, Add	*10.00*	
		For >5,000 To 10,000, Add	*1.67*	
		For Tin/Copper, Deduct	*-1.18*	

07 62 Sheet Metal Flashing and Trim *(07 60)*

07 62 13 Fabricated Copings *(07 62)*

07 62 13 00-0001		Lead Flashing And Trim *(07 62 13)*		
07 62 13 00-0002	SF	2.5 LB/SF Sheet Lead Flashing	21.73	4.88
		For Up To 100, Add	*5.43*	
07 62 13 00-0003	SF	4 LB/SF Sheet Lead Flashing	28.73	4.88
		For Up To 100, Add	*7.18*	
07 62 13 00-0004		Copper Flashing And Trim *(07 62 13)*		
07 62 13 00-0005		Copper Flashing And Trim *(07 62 13 00-0004)*		
07 62 13 00-0006	SF	16 Ounce, 0.021" Thick, Copper Flashing And Trim	27.99	4.76
		For Up To 100, Add	*7.00*	
		For >500 To 2,000, Deduct	*-3.83*	
		For >2,000, Deduct	*-4.76*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*1.88*	
		For Wrap Around Window Panning, Add	*9.41*	
07 62 13 00-0007	SF	20 Ounce, 0.027" Thick, Copper Flashing And Trim	28.88	4.88
		For Up To 100, Add	*7.22*	
		For >500 To 2,000, Deduct	*-3.95*	
		For >2,000, Deduct	*-4.90*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*1.97*	
		For Wrap Around Window Panning, Add	*9.84*	
07 62 13 00-0008	SF	24 Ounce, 0.032" Thick, Copper Flashing And Trim	33.16	5.20
		For Up To 100, Add	*8.29*	
		For >500 To 2,000, Deduct	*-4.52*	
		For >2,000, Deduct	*-5.66*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.06*	
		For Wrap Around Window Panning, Add	*10.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0009	SF	32 Ounce, 0.043" Thick, Copper Flashing And Trim	41.29	5.41
		For Up To 100, Add	*10.32*	
		For >500 To 2,000, Deduct	*-5.58*	
		For >2,000, Deduct	*-7.11*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.17*	
		For Wrap Around Window Panning, Add	*10.83*	
07 62 13 00-0010		Stainless Steel Flashing And Trim *(07 62 13)*		
07 62 13 00-0011		Stainless Steel Flashing And Trim *(07 62 13 00-0010)*		
07 62 13 00-0012	SF	32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim	10.17	2.60
		For Up To 100, Add	*2.54*	
		For Wrap Around Window Panning, Add	*6.68*	
		For Mechanically Keyed Flashing, Add	*1.40*	
07 62 13 00-0013	SF	30 Gauge, 0.0125" Thick, Stainless Steel Flashing And Trim	11.15	2.92
		For Up To 100, Add	*2.79*	
		For Wrap Around Window Panning, Add	*6.79*	
		For Mechanically Keyed Flashing, Add	*1.74*	
07 62 13 00-0014	SF	28 Gauge, 0.0156" Thick, Stainless Steel Flashing And Trim	12.13	3.24
		For Up To 100, Add	*3.03*	
		For Wrap Around Window Panning, Add	*6.90*	
		For Mechanically Keyed Flashing, Add	*2.09*	
07 62 13 00-0015	SF	26 Gauge, 0.0187" Thick, Stainless Steel Flashing And Trim	13.66	3.58
		For Up To 100, Add	*3.42*	
		For Wrap Around Window Panning, Add	*7.12*	
		For Mechanically Keyed Flashing, Add	*2.62*	
07 62 13 00-0016	SF	24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim	16.23	3.79
		For Up To 100, Add	*4.06*	
		For Wrap Around Window Panning, Add	*7.52*	
		For Mechanically Keyed Flashing, Add	*3.48*	
07 62 13 00-0017	SF	22 Gauge, 0.031" Thick, Stainless Steel Flashing And Trim	17.80	3.98
		For Up To 100, Add	*4.45*	
		For Wrap Around Window Panning, Add	*7.96*	
		For Mechanically Keyed Flashing, Add	*3.94*	
07 62 13 00-0018	SF	20 Gauge, 0.0375" Thick, Stainless Steel Flashing And Trim	19.08	4.22
		For Up To 100, Add	*4.77*	
		For Wrap Around Window Panning, Add	*8.42*	
		For Mechanically Keyed Flashing, Add	*4.26*	
07 62 13 00-0019		Aluminum Flashing And Trim *(07 62 13)*		
07 62 13 00-0020		Aluminum Flashing And Trim *(07 62 13 00-0019)*		
07 62 13 00-0021	SF	0.013" Thick, Mill Finish, Aluminum Flashing And Trim	10.44	3.35
		For Up To 100, Add	*2.61*	
		For Baked Aluminum Colors, Add	*0.30*	
		For Wrap Around Window Panning, Add	*7.46*	
07 62 13 00-0022	SF	0.016" Thick, Mill Finish, Aluminum Flashing And Trim	11.09	3.35
		For Up To 100, Add	*2.77*	
		For Baked Aluminum Colors, Add	*0.36*	
		For Wrap Around Window Panning, Add	*7.46*	
07 62 13 00-0023	SF	0.019" Thick, Mill Finish, Aluminum Flashing And Trim	11.60	3.35
		For Up To 100, Add	*2.90*	
		For Baked Aluminum Colors, Add	*0.41*	
		For Wrap Around Window Panning, Add	*7.46*	
07 62 13 00-0024	SF	0.024" Thick, Mill Finish, Aluminum Flashing And Trim	12.35	3.35
		For Up To 100, Add	*3.09*	
		For Baked Aluminum Colors, Add	*0.49*	
		For Wrap Around Window Panning, Add	*7.46*	
07 62 13 00-0025	SF	0.032" Thick, Mill Finish, Aluminum Flashing And Trim	13.39	3.35
		For Up To 100, Add	*3.35*	
		For Baked Aluminum Colors, Add	*0.59*	
		For Wrap Around Window Panning, Add	*7.46*	
07 62 13 00-0026	SF	0.040" Thick, Mill Finish, Aluminum Flashing And Trim	14.03	3.35
		For Up To 100, Add	*3.51*	
		For Baked Aluminum Colors, Add	*0.66*	
		For Wrap Around Window Panning, Add	*7.46*	
07 62 13 00-0027	SF	0.050" Thick, Mill Finish, Aluminum Flashing And Trim	14.54	3.35
		For Up To 100, Add	*3.64*	
		For Baked Aluminum Colors, Add	*0.71*	
		For Wrap Around Window Panning, Add	*7.46*	
07 62 13 00-0028		Steel Flashing And Trim *(07 62 13)*		
07 62 13 00-0029		Galvanized Steel Flashing And Trim *(07 62 13 00-0028)*		
07 62 13 00-0030	SF	28 Gauge, 0.019" Thick, Galvanized Steel Flashing	12.31	3.24
		For Up To 100, Add	*3.08*	
		For Wrap Around Window Panning, Add	*6.90*	
07 62 13 00-0031	SF	26 Gauge, 0.022" Thick, Galvanized Steel Flashing	12.83	3.58
		For Up To 100, Add	*3.21*	
		For Wrap Around Window Panning, Add	*7.12*	
07 62 13 00-0032	SF	24 Gauge, 0.028" Thick, Galvanized Steel Flashing	13.68	3.79
		For Up To 100, Add	*3.42*	
		For Wrap Around Window Panning, Add	*7.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0033	SF	22 Gauge, 0.034" Thick, Galvanized Steel Flashing	14.57	3.98
		For Up To 100, Add	*3.64*	
		For Wrap Around Window Panning, Add	*7.96*	
07 62 13 00-0034	SF	20 Gauge, 0.04" Thick, Galvanized Steel Flashing	15.82	4.22
		For Up To 100, Add	*3.96*	
		For Wrap Around Window Panning, Add	*8.42*	

07 62 19 Fabricated Gravel Stops and Fasciae *(07 62)*

07 62 19 00-0001		Drip Edge *(07 62 19)*		
07 62 19 00-0002		Aluminum Drip Edge *(07 62 19 00-0001)*		
		Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0003		KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0004		0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0005	LF	Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	12.40	1.54
07 62 19 00-0006	LF	>5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	15.61	1.65
07 62 19 00-0007	LF	>7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.67	1.85
07 62 19 00-0008	LF	>9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	21.41	1.95
07 62 19 00-0009	LF	>12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.62	2.05
07 62 19 00-0010		0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0011	LF	Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	13.33	1.54
07 62 19 00-0012	LF	>5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	16.64	1.65
07 62 19 00-0013	LF	>7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	19.23	1.85
07 62 19 00-0014	LF	>9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.28	1.95
07 62 19 00-0015	LF	>12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	29.38	2.05
07 62 19 00-0016		0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0017	LF	Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	14.26	1.54
07 62 19 00-0018	LF	>5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.89	1.65
07 62 19 00-0019	LF	>7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	20.73	1.85
07 62 19 00-0020	LF	>9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	25.14	1.95
07 62 19 00-0021	LF	>12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	31.87	2.05
07 62 19 00-0022		0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0023	LF	Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	16.13	1.54
07 62 19 00-0024	LF	>5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	20.37	1.65
07 62 19 00-0025	LF	>7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.69	1.85
07 62 19 00-0026	LF	>9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	28.88	1.95
07 62 19 00-0027	LF	>12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	36.85	2.05
07 62 19 00-0028		0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0029	LF	Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	16.75	1.54
07 62 19 00-0030	LF	>5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	21.31	1.65
07 62 19 00-0031	LF	>7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	24.67	1.85
07 62 19 00-0032	LF	>9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	30.12	1.95
07 62 19 00-0033	LF	>12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	38.51	2.05
07 62 19 00-0034		0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0035	LF	Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	18.93	1.54
07 62 19 00-0036	LF	>5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	24.11	1.65
07 62 19 00-0037	LF	>7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	28.09	1.85
07 62 19 00-0038	LF	>9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	34.48	1.95
07 62 19 00-0039	LF	>12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	44.31	2.05
07 62 19 00-0040		0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0041	LF	Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	22.04	1.54
07 62 19 00-0042	LF	>5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	28.25	1.65
07 62 19 00-0043	LF	>7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	33.02	1.85
07 62 19 00-0044	LF	>9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	40.70	1.95
07 62 19 00-0045	LF	>12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	52.61	2.05
07 62 19 00-0046		0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0047	LF	Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	25.77	1.54
07 62 19 00-0048	LF	>5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	33.23	1.65
07 62 19 00-0049	LF	>7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	38.93	1.85
07 62 19 00-0050	LF	>9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	48.16	1.95
07 62 19 00-0051	LF	>12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	62.56	2.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0052		Mill Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0053		0.016" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0054	LF	Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	9.98	1.54
07 62 19 00-0055	LF	>5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	12.32	1.65
07 62 19 00-0056	LF	>7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	13.88	1.85
07 62 19 00-0057	LF	>9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	16.59	1.95
07 62 19 00-0058	LF	>12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	20.96	2.05
07 62 19 00-0059		0.019" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0060	LF	Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	10.63	1.54
07 62 19 00-0061	LF	>5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	13.04	1.65
07 62 19 00-0062	LF	>7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	14.95	1.85
07 62 19 00-0063	LF	>9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	17.87	1.95
07 62 19 00-0064	LF	>12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	22.18	2.05
07 62 19 00-0065		0.025" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0066	LF	Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	11.27	1.54
07 62 19 00-0067	LF	>5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	13.90	1.65
07 62 19 00-0068	LF	>7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	15.99	1.85
07 62 19 00-0069	LF	>9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	19.16	1.95
07 62 19 00-0070	LF	>12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	23.89	2.05
07 62 19 00-0071		0.032" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0072	LF	Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	12.56	1.54
07 62 19 00-0073	LF	>5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	15.61	1.65
07 62 19 00-0074	LF	>7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	18.02	1.85
07 62 19 00-0075	LF	>9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	21.73	1.95
07 62 19 00-0076	LF	>12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	27.32	2.05
07 62 19 00-0077		0.040" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0078	LF	Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	12.99	1.54
07 62 19 00-0079	LF	>5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	16.26	1.65
07 62 19 00-0080	LF	>7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	18.70	1.85
07 62 19 00-0081	LF	>9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	22.59	1.95
07 62 19 00-0082	LF	>12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	28.47	2.05
07 62 19 00-0083		0.050" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0084	LF	Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	14.49	1.54
07 62 19 00-0085	LF	>5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	18.19	1.65
07 62 19 00-0086	LF	>7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	21.06	1.85
07 62 19 00-0087	LF	>9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	25.59	1.95
07 62 19 00-0088	LF	>12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	32.47	2.05
07 62 19 00-0089		0.063" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0090	LF	Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	16.63	1.54
07 62 19 00-0091	LF	>5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	21.05	1.65
07 62 19 00-0092	LF	>7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	24.46	1.85
07 62 19 00-0093	LF	>9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	29.88	1.95
07 62 19 00-0094	LF	>12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	38.19	2.05
07 62 19 00-0095		0.080" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0052)*		
07 62 19 00-0096	LF	Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	19.21	1.54
07 62 19 00-0097	LF	>5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	24.48	1.65
07 62 19 00-0098	LF	>7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	28.54	1.85
07 62 19 00-0099	LF	>9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	35.03	1.95
07 62 19 00-0100	LF	>12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	45.06	2.05
07 62 19 00-0101		Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0102		0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)*		
07 62 19 00-0103	LF	Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	12.86	1.54
07 62 19 00-0104	LF	>5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	16.24	1.65
07 62 19 00-0105	LF	>7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	18.41	1.85
07 62 19 00-0106	LF	>9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	22.34	1.95
07 62 19 00-0107	LF	>12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	28.91	2.05
07 62 19 00-0108		0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)*		
07 62 19 00-0109	LF	Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	13.85	1.54
07 62 19 00-0110	LF	>5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	17.34	1.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0111	LF	>7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	20.06	1.85
07 62 19 00-0112	LF	>9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	24.32	1.95
07 62 19 00-0113	LF	>12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	30.78	2.05
07 62 19 00-0114		0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)*		
07 62 19 00-0115	LF	Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	14.84	1.54
07 62 19 00-0116	LF	>5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	18.66	1.65
07 62 19 00-0117	LF	>7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	21.65	1.85
07 62 19 00-0118	LF	>9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	26.30	1.95
07 62 19 00-0119	LF	>12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	33.41	2.05
07 62 19 00-0120		0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)*		
07 62 19 00-0121	LF	Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	16.82	1.54
07 62 19 00-0122	LF	>5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	21.29	1.65
07 62 19 00-0123	LF	>7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	24.78	1.85
07 62 19 00-0124	LF	>9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	30.26	1.95
07 62 19 00-0125	LF	>12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	38.69	2.05
07 62 19 00-0126		0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)*		
07 62 19 00-0127	LF	Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	17.48	1.54
07 62 19 00-0128	LF	>5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	22.28	1.65
07 62 19 00-0129	LF	>7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	25.83	1.85
07 62 19 00-0130	LF	>9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	31.58	1.95
07 62 19 00-0131	LF	>12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	40.45	2.05
07 62 19 00-0132		0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)*		
07 62 19 00-0133	LF	Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	19.79	1.54
07 62 19 00-0134	LF	>5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	25.25	1.65
07 62 19 00-0135	LF	>7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	29.45	1.85
07 62 19 00-0136	LF	>9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	36.19	1.95
07 62 19 00-0137	LF	>12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	46.60	2.05
07 62 19 00-0138		0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)*		
07 62 19 00-0139	LF	Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	23.08	1.54
07 62 19 00-0140	LF	>5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	29.65	1.65
07 62 19 00-0141	LF	>7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	34.67	1.85
07 62 19 00-0142	LF	>9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	42.79	1.95
07 62 19 00-0143	LF	>12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	55.39	2.05
07 62 19 00-0144		0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)*		
07 62 19 00-0145	LF	Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	27.04	1.54
07 62 19 00-0146	LF	>5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	34.92	1.65
07 62 19 00-0147	LF	>7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	40.94	1.85
07 62 19 00-0148	LF	>9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	50.70	1.95
07 62 19 00-0149	LF	>12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	65.94	2.05
07 62 19 00-0150		Galvanized Steel Drip Edge *(07 62 19 00-0001)*		
		Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0151		Galvanized Steel Drip Edge *(07 62 19 00-0150)*		
07 62 19 00-0152		26 Gauge, Galvanized Steel Drip Edge *(07 62 19 00-0151)*		
07 62 19 00-0153	LF	Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge	11.76	1.54
07 62 19 00-0154	LF	>5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge	14.62	1.65
07 62 19 00-0155	LF	>7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge	16.77	1.85
07 62 19 00-0156	LF	>9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge	20.15	1.95
07 62 19 00-0157	LF	>12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge	25.21	2.05
07 62 19 00-0158		24 Gauge, Galvanized Steel Drip Edge *(07 62 19 00-0151)*		
07 62 19 00-0159	LF	Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge	12.84	1.54
07 62 19 00-0160	LF	>5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge	16.05	1.65
07 62 19 00-0161	LF	>7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge	18.47	1.85
07 62 19 00-0162	LF	>9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge	22.30	1.95
07 62 19 00-0163	LF	>12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge	28.06	2.05
07 62 19 00-0164		KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0150)*		
07 62 19 00-0165		26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0164)*		
07 62 19 00-0166	LF	Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	14.98	1.54
07 62 19 00-0167	LF	>5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	18.93	1.65
07 62 19 00-0168	LF	>7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	21.86	1.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0169	LF	>9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	26.58	1.95
07 62 19 00-0170	LF	>12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	33.78	2.05
07 62 19 00-0171		24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0164)*		
07 62 19 00-0172	LF	Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	16.53	1.54
07 62 19 00-0173	LF	>5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	21.02	1.65
07 62 19 00-0174	LF	>7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	24.33	1.85
07 62 19 00-0175	LF	>9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	29.69	1.95
07 62 19 00-0176	LF	>12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	37.93	2.05
07 62 19 00-0177		Stainless Steel Drip Edge *(07 62 19 00-0001)*		
		Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0178		26 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0179	LF	Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge	20.93	1.54
07 62 19 00-0180	LF	>5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge	26.78	1.65
07 62 19 00-0181	LF	>7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge	31.26	1.85
07 62 19 00-0182	LF	>9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge	38.48	1.95
07 62 19 00-0183	LF	>12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge	49.65	2.05
07 62 19 00-0184		24 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0185	LF	Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge	26.06	1.54
07 62 19 00-0186	LF	>5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge	33.62	1.65
07 62 19 00-0187	LF	>7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge	39.42	1.85
07 62 19 00-0188	LF	>9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge	48.75	1.95
07 62 19 00-0189	LF	>12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge	63.34	2.05
07 62 19 00-0190		22 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0191	LF	Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge	32.10	1.54
07 62 19 00-0192	LF	>5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge	41.68	1.65
07 62 19 00-0193	LF	>7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge	48.98	1.85
07 62 19 00-0194	LF	>9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge	60.83	1.95
07 62 19 00-0195	LF	>12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge	79.45	2.05

07 63 Sheet Metal Roofing Specialties *(07 60)*

07 63 00 00-0001 Pitch Pockets *(07 63)*
Note: Cut into deck, filled with non-shrink grout, includes blocking.

07 63 00 00-0002 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*

07 63 00 00-0003	EA	4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	82.97
		For Pourable Sealer Filled, Add	*37.69*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*18.85*
07 63 00 00-0004	EA	6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	101.01
		For Pourable Sealer Filled, Add	*84.85*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*42.54*
07 63 00 00-0005	EA	8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	124.04
		For Pourable Sealer Filled, Add	*150.76*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*75.21*
07 63 00 00-0006	EA	8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	136.49
		For Pourable Sealer Filled, Add	*188.45*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*94.53*
07 63 00 00-0007	EA	8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	148.38
		For Pourable Sealer Filled, Add	*226.14*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*113.09*
07 63 00 00-0008	SF	24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	175.70
		For Pourable Sealer Filled, Add	*339.21*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*168.56*

07 63 00 00-0009 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*

07 63 00 00-0010	EA	4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	102.85
		For Pourable Sealer Filled, Add	*37.69*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*18.85*
07 63 00 00-0011	EA	6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	123.81
		For Pourable Sealer Filled, Add	*84.85*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*42.54*
07 63 00 00-0012	EA	8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	151.21
		For Pourable Sealer Filled, Add	*150.76*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*75.21*
07 63 00 00-0013	EA	8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	167.36
		For Pourable Sealer Filled, Add	*188.45*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*94.53*
07 63 00 00-0014	EA	8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	180.31
		For Pourable Sealer Filled, Add	*226.14*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*113.09*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0015	SF	16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	209.98	
		For Pourable Sealer Filled, Add	*339.21*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*168.56*	
07 63 00 00-0016		24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*		
07 63 00 00-0017	EA	4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	108.44	
		For Pourable Sealer Filled, Add	*37.69*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*18.85*	
07 63 00 00-0018	EA	6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	129.81	
		For Pourable Sealer Filled, Add	*84.85*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*42.54*	
07 63 00 00-0019	EA	8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	150.36	
		For Pourable Sealer Filled, Add	*150.76*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*75.21*	
07 63 00 00-0020	EA	8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	162.38	
		For Pourable Sealer Filled, Add	*188.45*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*94.53*	
07 63 00 00-0021	EA	8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	173.71	
		For Pourable Sealer Filled, Add	*226.14*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*113.09*	
07 63 00 00-0022	SF	24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	199.52	
		For Pourable Sealer Filled, Add	*339.21*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*168.56*	
07 63 00 00-0023		Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout *(07 63 00 00-0001)*		
		Note: Includes removing existing filler and refilling with non-shrink grout.		
07 63 00 00-0024	EA	Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout	68.78	
		For Pourable Sealer Filled, Add	*37.69*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*18.85*	
07 63 00 00-0025	EA	Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout	79.74	
		For Pourable Sealer Filled, Add	*84.85*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*42.54*	
07 63 00 00-0026	EA	Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout	94.36	
		For Pourable Sealer Filled, Add	*150.76*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*75.21*	
07 63 00 00-0027	EA	Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout	103.58	
		For Pourable Sealer Filled, Add	*188.45*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*94.53*	
07 63 00 00-0028	EA	Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout	112.78	
		For Pourable Sealer Filled, Add	*226.14*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*113.09*	
07 63 00 00-0029	SF	Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout	136.32	
		For Pourable Sealer Filled, Add	*339.21*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*168.56*	
07 63 00 00-0030		Lead Pipe Flashing For Roofs *(07 63)*		
		Note: Includes 6" skirt base.		
07 63 00 00-0031	EA	1-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3/4" Pipe	96.21	28.53
07 63 00 00-0032	EA	1-1/2" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 1" Pipe	96.21	28.53
07 63 00 00-0033	EA	2-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 2" Pipe	118.16	28.53
07 63 00 00-0034	EA	3-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3" Pipe	130.71	28.53
07 63 00 00-0035	EA	4-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe	136.98	28.53
07 63 00 00-0036	EA	4-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 4" Pipe	140.12	28.53
07 63 00 00-0037	EA	6-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 6" Pipe	171.49	28.53
07 63 00 00-0038	EA	8-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 8" Pipe	185.60	28.53
07 63 00 00-0039		Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing *(07 63)*		
07 63 00 00-0040	EA	2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	75.03	18.43
07 63 00 00-0041	EA	3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	76.14	18.43
07 63 00 00-0042	EA	4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	80.16	18.43
07 63 00 00-0043	EA	6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	83.62	18.43

07 65 Flexible Flashing *(07 60)*

07 65 16 Modified Bituminous Sheet Flashing *(07 65)*

07 65 16 00-0001 Liquid Flashing System For Modified And BUR Systems *(07 65 16)*

See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.

07 65 16 00-0002	SF	60 Mil, Urethane Elastomer Liquid Applied Flashing	13.83	1.95
		Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 30 mil second coat.		

07 65 19 Plastic Sheet Flashing *(07 65)*

07 65 19 00-0001 Plastic Flashing And Trim *(07 65 19)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 65 19 00-0002		Neoprene Flashing *(07 65 19 00-0001)*		
07 65 19 00-0003		60 Mil Thick *(07 65 19 00-0002)*		
07 65 19 00-0004	LF	6" Wide Strip, 60 Mil, Neoprene Flashing	8.92	2.77
07 65 19 00-0005	LF	12" Wide Strip, 60 Mil, Neoprene Flashing	12.01	2.97
07 65 19 00-0006	LF	18" Wide Strip, 60 Mil, Neoprene Flashing	15.40	3.28
07 65 19 00-0007	LF	24" Wide Strip, 60 Mil, Neoprene Flashing	18.99	3.70
07 65 33		**Flexible Roof Boot** *(07 65)*		
07 65 33 00-0001		Neoprene Roof Boot *(07 65 33)*		
07 65 33 00-0002	EA	2" Diameter Pipe, Neoprene Roof Boot	49.54	8.53
07 65 33 00-0003	EA	3" Diameter Pipe, Neoprene Roof Boot	59.24	9.55
07 65 33 00-0004	EA	4" Diameter Pipe, Neoprene Roof Boot	66.59	10.27

07 70 Roof and Wall Specialties and Accessories *(07)*

07 71 Roof Specialties *(07 70)*

07 71 13 Manufactured Copings *(07 71)*

07 71 13 00-0001		Galvanized Steel Copings *(07 71 13)*		
07 71 13 00-0002		KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats *(07 71 13 00-0001)* Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0003	LF	10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	32.56	2.22
07 71 13 00-0004	LF	>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	34.35	2.40
07 71 13 00-0005	LF	>16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	39.17	2.53
07 71 13 00-0006	LF	>22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	45.51	2.77
07 71 13 00-0007	LF	>30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	55.03	2.89
07 71 13 00-0008		Aluminum Copings *(07 71 13)*		
07 71 13 00-0009		Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)* Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0010		0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*		
07 71 13 00-0011	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	25.82	2.22
07 71 13 00-0012	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	27.57	2.40
07 71 13 00-0013	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	32.14	2.53
07 71 13 00-0014	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	38.39	2.77
07 71 13 00-0015	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	47.73	2.89
07 71 13 00-0016		0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*		
07 71 13 00-0017	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	28.04	2.22
07 71 13 00-0018	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	29.93	2.40
07 71 13 00-0019	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	34.94	2.53
07 71 13 00-0020	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	41.76	2.77
07 71 13 00-0021	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	52.02	2.89
07 71 13 00-0022		0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*		
07 71 13 00-0023	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	29.86	2.22
07 71 13 00-0024	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	32.03	2.40
07 71 13 00-0025	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	38.41	2.53
07 71 13 00-0026	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	47.99	2.77
07 71 13 00-0027	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	62.09	2.89
07 71 13 00-0028		KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)* Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0029		0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0030	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	35.78	2.22
07 71 13 00-0031	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	38.17	2.40
07 71 13 00-0032	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	44.71	2.53
07 71 13 00-0033	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	53.58	2.77
07 71 13 00-0034	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	67.03	2.89
07 71 13 00-0035		0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0036	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	38.99	2.22
07 71 13 00-0037	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	41.59	2.40
07 71 13 00-0038	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	48.76	2.53
07 71 13 00-0039	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	58.48	2.77
07 71 13 00-0040	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	73.25	2.89
07 71 13 00-0041		0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0042	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	41.63	2.22
07 71 13 00-0043	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	44.64	2.40
07 71 13 00-0044	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	53.80	2.53
07 71 13 00-0045	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	67.50	2.77
07 71 13 00-0046	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	87.85	2.89
07 71 13 00-0047		Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*		
		Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0048		0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*		
07 71 13 00-0049	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	37.71	2.22
07 71 13 00-0050	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	40.22	2.40
07 71 13 00-0051	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	47.14	2.53
07 71 13 00-0052	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	56.52	2.77
07 71 13 00-0053	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	70.76	2.89
07 71 13 00-0054		0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*		
07 71 13 00-0055	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	41.11	2.22
07 71 13 00-0056	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	43.84	2.40
07 71 13 00-0057	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	51.44	2.53
07 71 13 00-0058	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	61.71	2.77
07 71 13 00-0059	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	77.35	2.89
07 71 13 00-0060		0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*		
07 71 13 00-0061	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	43.90	2.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0062	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	47.08	2.40
07 71 13 00-0063	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	56.77	2.53
07 71 13 00-0064	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	71.28	2.77
07 71 13 00-0065	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	92.83	2.89
07 71 13 00-0066		Removal And Reinstallation Of Metal Coping *(07 71 13)*		
07 71 13 00-0067	LF	Removal And Reinstallation Of Metal Coping	7.52	

07 71 19 Manufactured Gravel Stops and Fasciae *(07 71)*

07 71 19 00-0001		Gravel Stop *(07 71 19)*		
07 71 19 00-0002		Aluminum Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0003		Aluminum Gravel Stop *(07 71 19 00-0002)*		
07 71 19 00-0004		KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*		
07 71 19 00-0005		0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*		
07 71 19 00-0006	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	40.16	1.75
07 71 19 00-0007	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	41.37	2.05
07 71 19 00-0008	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	42.65	2.26
07 71 19 00-0009		0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*		
07 71 19 00-0010	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	42.74	1.75
07 71 19 00-0011	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	44.06	2.05
07 71 19 00-0012	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	45.49	2.26
07 71 19 00-0013		0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*		
07 71 19 00-0014	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	46.10	1.75
07 71 19 00-0015	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	47.28	2.05
07 71 19 00-0016	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	49.07	2.26
07 71 19 00-0017		0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*		
07 71 19 00-0018	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	48.38	1.75
07 71 19 00-0019	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	49.65	2.05
07 71 19 00-0020	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	51.57	2.26
07 71 19 00-0021		Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*		
07 71 19 00-0022		0.032" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*		
07 71 19 00-0023	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	25.87	1.75
07 71 19 00-0024	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	27.80	2.05
07 71 19 00-0025	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	29.76	2.26
07 71 19 00-0026		0.040" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*		
07 71 19 00-0027	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	28.01	1.75
07 71 19 00-0028	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	29.66	2.05
07 71 19 00-0029	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	31.19	2.26
07 71 19 00-0030		0.050" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*		
07 71 19 00-0031	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	30.16	1.75
07 71 19 00-0032	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	31.80	2.05
07 71 19 00-0033	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	33.51	2.26
07 71 19 00-0034		0.063" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*		
07 71 19 00-0035	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	32.48	1.75
07 71 19 00-0036	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	33.95	2.05
07 71 19 00-0037	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	35.24	2.26
07 71 19 00-0038		Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*		
07 71 19 00-0039		0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0040	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	48.10	1.75
07 71 19 00-0041	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	49.65	2.05
07 71 19 00-0042	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	51.05	2.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0043		0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0044	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	51.19	1.75
07 71 19 00-0045	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	52.88	2.05
07 71 19 00-0046	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	54.43	2.26
07 71 19 00-0047		0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0048	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	55.22	1.75
07 71 19 00-0049	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	56.74	2.05
07 71 19 00-0050	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	58.00	2.26
07 71 19 00-0051		0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0052	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	57.96	1.75
07 71 19 00-0053	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	59.58	2.05
07 71 19 00-0054	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	60.95	2.26
07 71 19 00-0055		Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0002)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0056		KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0057		0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0058	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	45.33	1.85
07 71 19 00-0059	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	48.07	2.21
07 71 19 00-0060	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	51.24	2.51
07 71 19 00-0061		0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0062	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	47.91	1.85
07 71 19 00-0063	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	50.76	2.21
07 71 19 00-0064	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	54.08	2.51
07 71 19 00-0065		0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0066	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	51.27	1.85
07 71 19 00-0067	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	53.98	2.21
07 71 19 00-0068	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	57.65	2.51
07 71 19 00-0069		0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0070	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	53.55	1.85
07 71 19 00-0071	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	56.34	2.21
07 71 19 00-0072	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	60.15	2.51
07 71 19 00-0073		Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0074		0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0075	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	33.01	1.85
07 71 19 00-0076	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	35.23	2.21
07 71 19 00-0077	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	37.81	2.51
07 71 19 00-0078		0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0079	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	34.79	1.85
07 71 19 00-0080	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	37.08	2.21
07 71 19 00-0081	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	39.78	2.51
07 71 19 00-0082		0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0083	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	37.11	1.85
07 71 19 00-0084	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	39.30	2.21
07 71 19 00-0085	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	42.10	2.51
07 71 19 00-0086		0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0087	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	38.68	1.85
07 71 19 00-0088	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	40.93	2.21
07 71 19 00-0089	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	43.82	2.51
07 71 19 00-0090		Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0091		0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0092	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	53.26	1.85
07 71 19 00-0093	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	56.35	2.21
07 71 19 00-0094	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	59.63	2.51
07 71 19 00-0095		0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0096	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	56.36	1.85
07 71 19 00-0097	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	59.58	2.21
07 71 19 00-0098	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	63.01	2.51
07 71 19 00-0099		0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0100	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	60.39	1.85
07 71 19 00-0101	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	63.44	2.21
07 71 19 00-0102	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	66.59	2.51
07 71 19 00-0103		0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0104	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	63.13	1.85
07 71 19 00-0105	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	66.28	2.21
07 71 19 00-0106	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	69.54	2.51
07 71 19 00-0107		Stainless Steel Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0108		Stainless Steel Gravel Stop *(07 71 19 00-0107)*		
07 71 19 00-0109		26 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0110	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop	38.45	1.75
07 71 19 00-0111	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop	50.66	2.05
07 71 19 00-0112	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop	75.54	2.26
07 71 19 00-0113		24 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0114	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop	48.12	1.75
07 71 19 00-0115	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop	63.54	2.05
07 71 19 00-0116	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop	94.87	2.26
07 71 19 00-0117		22 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0118	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop	58.39	1.75
07 71 19 00-0119	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop	77.24	2.05
07 71 19 00-0120	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop	115.41	2.26
07 71 19 00-0121		Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0107)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0122		26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0123	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	45.52	1.85
07 71 19 00-0124	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	59.84	2.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0125	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	87.33	2.51
07 71 19 00-0126		24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0127	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	55.18	1.85
07 71 19 00-0128	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	72.72	2.21
07 71 19 00-0129	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	106.66	2.51
07 71 19 00-0130		22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0131	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	65.45	1.85
07 71 19 00-0132	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	86.41	2.21
07 71 19 00-0133	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	127.20	2.51
07 71 19 00-0134		Galvanized Steel Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0135		Galvanized Steel Gravel Stop *(07 71 19 00-0134)*		
07 71 19 00-0136		KYNAR 500® Finish, Galvanized Steel Gravel Stop *(07 71 19 00-0135)*		
07 71 19 00-0137		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop *(07 71 19 00-0136)*		
07 71 19 00-0138	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	36.72	1.75
07 71 19 00-0139	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	37.88	2.05
07 71 19 00-0140	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	39.32	2.26
07 71 19 00-0141		Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0134)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0142		KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0141)*		
07 71 19 00-0143		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0142)*		
07 71 19 00-0144	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	42.04	1.85
07 71 19 00-0145	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	44.76	2.21
07 71 19 00-0146	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	48.15	2.51
07 71 19 00-0147		Copper Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0148		Copper Gravel Stop *(07 71 19 00-0147)*		
07 71 19 00-0149		20 Ounce, Copper Gravel Stop *(07 71 19 00-0148)*		
07 71 19 00-0150	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop	62.13	1.75
07 71 19 00-0151	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop	71.12	2.05
07 71 19 00-0152	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop	82.18	2.26
07 71 19 00-0153		16 Ounce, Copper Gravel Stop *(07 71 19 00-0148)*		
07 71 19 00-0154	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop	75.66	1.75
07 71 19 00-0155	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop	87.64	2.05
07 71 19 00-0156	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop	100.21	2.26
07 71 19 00-0157		Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0147)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0158		20 Ounce, Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0157)*		
07 71 19 00-0159	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	64.61	1.85
07 71 19 00-0160	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	74.29	2.21
07 71 19 00-0161	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	86.21	2.51
07 71 19 00-0162		16 Ounce, Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0157)*		
07 71 19 00-0163	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	78.13	1.85
07 71 19 00-0164	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	90.82	2.21
07 71 19 00-0165	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	104.24	2.51
07 71 19 00-0166		Fascia *(07 71 19)*		
07 71 19 00-0167		Snap-On Cover Fascia *(07 71 19 00-0166)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0168		Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0167)*		
07 71 19 00-0169		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0168)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0170		24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0169)*		
07 71 19 00-0171	LF	3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	45.11	2.57
07 71 19 00-0172	LF	>5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	50.84	2.67
07 71 19 00-0173	LF	>7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	54.49	2.77
07 71 19 00-0174		Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0169)*		
07 71 19 00-0175		Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)*		
07 71 19 00-0176	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	319.62	3.60
07 71 19 00-0177	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	341.48	3.60
07 71 19 00-0178	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	355.20	3.60
07 71 19 00-0179		Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)*		
07 71 19 00-0180	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	260.10	3.60
07 71 19 00-0181	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	271.13	3.60
07 71 19 00-0182	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	277.85	3.60
07 71 19 00-0183		Aluminum Snap-On Cover Fascia *(07 71 19 00-0167)*		
07 71 19 00-0184		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)*		
07 71 19 00-0185		0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)*		
07 71 19 00-0186	LF	3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	23.34	2.57
07 71 19 00-0187	LF	>5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	26.42	2.67
07 71 19 00-0188	LF	>7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	28.04	2.77
07 71 19 00-0189		0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)*		
07 71 19 00-0190	LF	3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	24.53	2.57
07 71 19 00-0191	LF	>5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	27.95	2.67
07 71 19 00-0192	LF	>7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	29.76	2.77
07 71 19 00-0193		Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0184)*		
07 71 19 00-0194		Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0193)*		
07 71 19 00-0195	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	152.07	3.60
07 71 19 00-0196	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	164.94	3.60
07 71 19 00-0197	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	170.57	3.60
07 71 19 00-0198		Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0193)*		
07 71 19 00-0199	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	120.35	3.60
07 71 19 00-0200	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	126.76	3.60
07 71 19 00-0201	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	129.57	3.60
07 71 19 00-0202		Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0203		0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0202)*		
07 71 19 00-0204	LF	3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	26.98	2.57
07 71 19 00-0205	LF	>5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	30.63	2.67
07 71 19 00-0206	LF	>7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	32.54	2.77
07 71 19 00-0207		0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0202)*		
07 71 19 00-0208	LF	3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	28.41	2.57
07 71 19 00-0209	LF	>5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	32.47	2.67
07 71 19 00-0210	LF	>7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	34.60	2.77
07 71 19 00-0211		Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0202)*		
07 71 19 00-0212		Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0211)*		
07 71 19 00-0213	EA	Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	188.30	3.60
07 71 19 00-0214	EA	Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	204.38	3.60
07 71 19 00-0215	EA	Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	211.41	3.60
07 71 19 00-0216		Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0211)*		
07 71 19 00-0217	EA	Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	148.64	3.60
07 71 19 00-0218	EA	Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	156.66	3.60
07 71 19 00-0219	EA	Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	160.16	3.60
07 71 23		**Manufactured Gutters and Downspouts** *(07 71)*		
		Note: Includes all necessary support straps.		
07 71 23 00-0001		Aluminum Gutters And Downspouts *(07 71 23)*		
07 71 23 00-0002		Aluminum Gutters *(07 71 23 00-0001)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0003		K-Style Aluminum Gutters *(07 71 23 00-0002)*		
07 71 23 00-0004	LF	5", 0.027" Thick, K-Style Aluminum Gutter	9.62	4.01
		For Up To 100', Add	*1.95*	
		For >100' To 250', Add	*0.81*	
		For >1,000', Deduct	*-0.66*	
		For Kynar 500® Finish, Add	*1.36*	
07 71 23 00-0005	LF	6", 0.027" Thick, K-Style Aluminum Gutter	10.79	4.22
		For Up To 100', Add	*2.12*	
		For >100' To 250', Add	*0.89*	
		For >1,000', Deduct	*-0.69*	
		For Kynar 500® Finish, Add	*1.74*	
07 71 23 00-0006	LF	5", 0.032" Thick, K-Style Aluminum Gutter	10.06	4.01
		For Up To 100', Add	*2.00*	
		For >100' To 250', Add	*0.83*	
		For >1,000', Deduct	*-0.66*	
		For Kynar 500® Finish, Add	*1.56*	
07 71 23 00-0007	LF	6", 0.032" Thick, K-Style Aluminum Gutter	11.35	4.22
		For Up To 100', Add	*2.17*	
		For >100' To 250', Add	*0.91*	
		For >1,000', Deduct	*-0.69*	
		For Kynar 500® Finish, Add	*1.99*	
07 71 23 00-0008	LF	7", 0.032" Thick, K-Style Aluminum Gutter	21.73	4.44
		For Up To 100', Add	*3.29*	
		For >100' To 250', Add	*1.46*	
		For >1,000', Deduct	*-0.75*	
		For Kynar 500® Finish, Add	*6.42*	
07 71 23 00-0009	LF	8", 0.032" Thick, K-Style Aluminum Gutter	23.83	4.98
		For Up To 100', Add	*3.62*	
		For >100' To 250', Add	*1.60*	
		For >1,000', Deduct	*-0.82*	
		For Kynar 500® Finish, Add	*7.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0010	LF	8", 0.040" Thick, K-Style Aluminum Gutter	26.84	4.98
		For Up To 100', Add	*3.92*	
		For >100' To 250', Add	*1.75*	
		For >1,000', Deduct	*-0.82*	
		For Kynar 500® Finish, Add	*8.37*	
07 71 23 00-0011		Half Round Aluminum Gutters *(07 71 23 00-0002)*		
07 71 23 00-0012	LF	5", 0.027" Thick, Half Round Aluminum Gutter	18.34	4.01
		For Up To 100', Add	*2.82*	
		For >100' To 250', Add	*1.25*	
		For >1,000', Deduct	*-0.66*	
		For Kynar 500® Finish, Add	*5.28*	
07 71 23 00-0013	LF	6", 0.032" Thick, Half Round Aluminum Gutter	22.22	4.22
		For Up To 100', Add	*3.26*	
		For >100' To 250', Add	*1.46*	
		For >1,000', Deduct	*-0.69*	
		For Kynar 500® Finish, Add	*6.88*	
07 71 23 00-0014		Box Style Aluminum Gutters *(07 71 23 00-0002)*		
07 71 23 00-0015	LF	6", 0.027" Thick, Box Style Aluminum Gutter	19.13	4.98
		For Up To 100', Add	*3.15*	
		For >100' To 250', Add	*1.37*	
		For >1,000', Deduct	*-0.82*	
		For Kynar 500® Finish, Add	*4.91*	
07 71 23 00-0016	LF	6", 0.032" Thick, Box Style Aluminum Gutter	19.18	4.98
		For Up To 100', Add	*3.15*	
		For >100' To 250', Add	*1.37*	
		For >1,000', Deduct	*-0.82*	
		For Kynar 500® Finish, Add	*4.93*	
07 71 23 00-0017	LF	7", 0.032" Thick, Box Style Aluminum Gutter	22.41	5.31
		For Up To 100', Add	*3.56*	
		For >100' To 250', Add	*1.56*	
		For >1,000', Deduct	*-0.88*	
		For Kynar 500® Finish, Add	*6.14*	
07 71 23 00-0018	LF	8", 0.032" Thick, Box Style Aluminum Gutter	25.38	5.63
		For Up To 100', Add	*3.93*	
		For >100' To 250', Add	*1.73*	
		For >1,000', Deduct	*-0.93*	
		For Kynar 500® Finish, Add	*7.23*	
07 71 23 00-0019		Aluminum Gutter End Caps *(07 71 23 00-0001)*		
07 71 23 00-0020		K-Style, Aluminum Gutter End Caps *(07 71 23 00-0019)*		
07 71 23 00-0021	EA	5", K-Style Aluminum Gutter End Cap	3.22	
		For Kynar 500® Finish, Add	*0.47*	
07 71 23 00-0022	EA	6", K-Style Aluminum Gutter End Cap	4.07	
		For Kynar 500® Finish, Add	*0.86*	
07 71 23 00-0023	EA	7", K-Style Aluminum Gutter End Cap	9.27	
		For Kynar 500® Finish, Add	*3.20*	
07 71 23 00-0024	EA	8", K-Style Aluminum Gutter End Cap	10.86	
		For Kynar 500® Finish, Add	*3.91*	
07 71 23 00-0025		Half Round, Aluminum Gutter End Caps *(07 71 23 00-0019)*		
07 71 23 00-0026	EA	5", Half Round Aluminum Gutter End Cap	5.40	
		For Kynar 500® Finish, Add	*1.45*	
07 71 23 00-0027	EA	6", Half Round Aluminum Gutter End Cap	8.56	
		For Kynar 500® Finish, Add	*2.88*	
07 71 23 00-0028		Box Style, Aluminum Gutter End Caps *(07 71 23 00-0019)*		
07 71 23 00-0029	EA	6", Box Style Aluminum Gutter End Cap	10.14	
		For Kynar 500® Finish, Add	*3.59*	
07 71 23 00-0030	EA	7", Box Style Aluminum Gutter End Cap	11.05	
		For Kynar 500® Finish, Add	*4.00*	
07 71 23 00-0031	EA	8", Box Style Aluminum Gutter End Cap	13.04	
		For Kynar 500® Finish, Add	*4.89*	
07 71 23 00-0032		Aluminum Gutter Miters *(07 71 23 00-0001)*		
		Note: Inside or outside miters.		
07 71 23 00-0033		K-Style, Aluminum Gutter Miters *(07 71 23 00-0032)*		
07 71 23 00-0034	EA	5", K-Style Aluminum Gutter Miter	19.24	
		For Kynar 500® Finish, Add	*3.74*	
07 71 23 00-0035	EA	6", K-Style Aluminum Gutter Miter	26.07	
		For Kynar 500® Finish, Add	*6.47*	
07 71 23 00-0036	EA	7", K-Style Aluminum Gutter Miter	81.67	
		For Kynar 500® Finish, Add	*31.15*	
07 71 23 00-0037	EA	8", K-Style Aluminum Gutter Miter	88.68	
		For Kynar 500® Finish, Add	*33.91*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0038		**Half Round, Aluminum Gutter Miters** *(07 71 23 00-0032)*		
07 71 23 00-0039	EA	5", Half Round Aluminum Gutter Miter	34.49	
		For Kynar 500® Finish, Add	*10.60*	
07 71 23 00-0040	EA	6", Half Round Aluminum Gutter Miter	55.08	
		For Kynar 500® Finish, Add	*19.53*	
07 71 23 00-0041		**Box Style, Aluminum Gutter Miters** *(07 71 23 00-0032)*		
07 71 23 00-0042	EA	6", Box Style Aluminum Gutter Miter	65.93	
		For Kynar 500® Finish, Add	*24.41*	
07 71 23 00-0043	EA	7", Box Style Aluminum Gutter Miter	98.98	
		For Kynar 500® Finish, Add	*38.94*	
07 71 23 00-0044	EA	8", Box Style Aluminum Gutter Miter	107.52	
		For Kynar 500® Finish, Add	*42.39*	
07 71 23 00-0045		**Aluminum Gutter Wire Strainers** *(07 71 23 00-0001)*		
07 71 23 00-0046	EA	3" Diameter, Round Aluminum Wire Strainer	14.51	2.71
		For Kynar 500® Finish, Add	*3.99*	
		For 0.024" Thick, Add	*1.24*	
		For 0.027" Thick, Add	*2.57*	
		For 0.031" Thick, Add	*3.73*	
07 71 23 00-0047	EA	4" Diameter, Round Aluminum Wire Strainer	21.97	2.71
		For Kynar 500® Finish, Add	*7.35*	
		For 0.024" Thick, Add	*2.29*	
		For 0.027" Thick, Add	*4.74*	
		For 0.031" Thick, Add	*6.86*	
07 71 23 00-0048		**Aluminum Downspouts** *(07 71 23 00-0001)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0049		**Round Aluminum Downspouts** *(07 71 23 00-0048)*		
07 71 23 00-0050	LF	3" Diameter, 0.019" Thick, Round Aluminum Downspout	6.95	2.60
		For Up To 100', Add	*1.12*	
		For >100 To 250', Add	*0.49*	
		For >1,000', Deduct	*-0.28*	
		For Kynar 500® Finish, Add	*1.86*	
		For 0.024" Thick, Add	*0.58*	
		For 0.027" Thick, Add	*1.20*	
		For 0.031" Thick, Add	*1.74*	
07 71 23 00-0051	LF	4" Diameter, 0.019" Thick, Round Aluminum Downspout	7.92	2.60
		For Up To 100', Add	*1.21*	
		For >100 To 250', Add	*0.54*	
		For >1,000', Deduct	*-0.28*	
		For Kynar 500® Finish, Add	*2.30*	
		For 0.024" Thick, Add	*0.72*	
		For 0.027" Thick, Add	*1.48*	
		For 0.031" Thick, Add	*2.15*	
07 71 23 00-0052		**Rectangular Aluminum Downspouts** *(07 71 23 00-0048)*		
07 71 23 00-0053	LF	2" x 3", 0.019" Thick, Rectangular Aluminum Downspout	4.93	2.60
		For Up To 100', Add	*0.91*	
		For >100 To 250', Add	*0.39*	
		For >1,000', Deduct	*-0.28*	
		For Kynar 500® Finish, Add	*0.95*	
		For 0.024" Thick, Add	*0.30*	
		For 0.027" Thick, Add	*0.61*	
		For 0.031" Thick, Add	*0.89*	
07 71 23 00-0054	LF	3" x 4", 0.019" Thick, Rectangular Aluminum Downspout	6.17	2.60
		For Up To 100', Add	*1.04*	
		For >100 To 250', Add	*0.45*	
		For >1,000', Deduct	*-0.28*	
		For Kynar 500® Finish, Add	*1.51*	
		For 0.024" Thick, Add	*0.47*	
		For 0.027" Thick, Add	*0.97*	
		For 0.031" Thick, Add	*1.41*	
07 71 23 00-0055	LF	4" x 5", 0.019" Thick, Rectangular Aluminum Downspout	11.37	2.60
		For Up To 100', Add	*1.56*	
		For >100 To 250', Add	*0.71*	
		For >1,000', Deduct	*-0.28*	
		For Kynar 500® Finish, Add	*3.85*	
		For 0.024" Thick, Add	*1.20*	
		For 0.027" Thick, Add	*2.48*	
		For 0.031" Thick, Add	*3.60*	
07 71 23 00-0056		**Aluminum Devices** *(07 71 23 00-0001)*		
07 71 23 00-0057	EA	Thru-Wall Aluminum Scupper Outlet	243.67	23.10
		For Kynar 500® Finish, Add	*74.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0058	EA	Aluminum Leader/Conductor Head	231.65	25.68
		For Kynar 500® Finish, Add	*81.14*	

07 71 23 00-0059 Copper Gutters And Downspouts *(07 71 23)*

07 71 23 00-0060 Copper Gutters *(07 71 23 00-0059)*

Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.

07 71 23 00-0061 K-Style Copper Gutters *(07 71 23 00-0060)*

07 71 23 00-0062	LF	4", 16 Ounce, K-Style Copper Gutter	19.47	3.79
		For Up To 100', Add	*2.89*	
		For >100' To 250', Add	*1.29*	
		For >1,000', Deduct	*-0.63*	
07 71 23 00-0063	LF	5", 16 Ounce, K-Style Copper Gutter	28.03	4.01
		For Up To 100', Add	*3.79*	
		For >100' To 250', Add	*1.73*	
		For >1,000', Deduct	*-0.66*	
07 71 23 00-0064	LF	6", 16 Ounce, K-Style Copper Gutter	33.63	4.22
		For Up To 100', Add	*4.40*	
		For >100' To 250', Add	*2.03*	
		For >1,000', Deduct	*-0.69*	
07 71 23 00-0065	LF	5", 20 Ounce, K-Style Copper Gutter	35.73	4.01
		For Up To 100', Add	*4.56*	
		For >100' To 250', Add	*2.12*	
		For >1,000', Deduct	*-0.66*	
07 71 23 00-0066	LF	6", 20 Ounce, K-Style Copper Gutter	44.54	4.22
		For Up To 100', Add	*5.49*	
		For >100' To 250', Add	*2.57*	
		For >1,000', Deduct	*-0.69*	
07 71 23 00-0067	LF	7", 20 Ounce, K-Style Copper Gutter	52.02	4.44
		For Up To 100', Add	*6.32*	
		For >100' To 250', Add	*2.97*	
		For >1,000', Deduct	*-0.75*	
07 71 23 00-0068	LF	8", 20 Ounce, K-Style Copper Gutter	57.87	4.98
		For Up To 100', Add	*7.02*	
		For >100' To 250', Add	*3.31*	
		For >1,000', Deduct	*-0.82*	

07 71 23 00-0069 Half Round Copper Gutters *(07 71 23 00-0060)*

07 71 23 00-0070	LF	5", 16 Ounce, Half Round Copper Gutter	24.02	4.01
		For Up To 100', Add	*3.39*	
		For >100' To 250', Add	*1.53*	
		For >1,000', Deduct	*-0.66*	
07 71 23 00-0071	LF	6", 16 Ounce, Half Round Copper Gutter	30.63	4.22
		For Up To 100', Add	*4.10*	
		For >100' To 250', Add	*1.88*	
		For >1,000', Deduct	*-0.69*	
07 71 23 00-0072	LF	7", 16 Ounce, Half Round Copper Gutter	52.09	4.44
		For Up To 100', Add	*6.33*	
		For >100' To 250', Add	*2.98*	
		For >1,000', Deduct	*-0.75*	
07 71 23 00-0073	LF	5", 20 Ounce, Half Round Copper Gutter	28.22	4.01
		For Up To 100', Add	*3.81*	
		For >100' To 250', Add	*1.74*	
		For >1,000', Deduct	*-0.66*	
07 71 23 00-0074	LF	6", 20 Ounce, Half Round Copper Gutter	35.10	4.22
		For Up To 100', Add	*4.55*	
		For >100' To 250', Add	*2.10*	
		For >1,000', Deduct	*-0.69*	
07 71 23 00-0075	LF	7", 20 Ounce, Half Round Copper Gutter	54.82	4.44
		For Up To 100', Add	*6.60*	
		For >100' To 250', Add	*3.11*	
		For >1,000', Deduct	*-0.75*	
07 71 23 00-0076	LF	8", 20 Ounce, Half Round Copper Gutter	62.34	4.98
		For Up To 100', Add	*7.47*	
		For >100' To 250', Add	*3.53*	
		For >1,000', Deduct	*-0.82*	

07 71 23 00-0077 Box Style Copper Gutters *(07 71 23 00-0060)*

07 71 23 00-0078	LF	5", 16 Ounce, Box Style Copper Gutter	28.07	4.54
		For Up To 100', Add	*3.94*	
		For >100' To 250', Add	*1.78*	
		For >1,000', Deduct	*-0.76*	
07 71 23 00-0079	LF	6", 16 Ounce, Box Style Copper Gutter	30.20	4.98
		For Up To 100', Add	*4.25*	
		For >100' To 250', Add	*1.92*	
		For >1,000', Deduct	*-0.82*	
07 71 23 00-0080	LF	7", 16 Ounce, Box Style Copper Gutter	36.85	5.31
		For Up To 100', Add	*5.00*	
		For >100' To 250', Add	*2.28*	
		For >1,000', Deduct	*-0.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0081	LF	8", 16 Ounce, Box Style Copper Gutter	37.57	5.63
		For Up To 100', Add	*5.15*	
		For >100' To 250', Add	*2.34*	
		For >1,000', Deduct	*-0.93*	
07 71 23 00-0082	LF	5", 20 Ounce, Box Style Copper Gutter	32.18	4.54
		For Up To 100', Add	*4.36*	
		For >100' To 250', Add	*1.99*	
		For >1,000', Deduct	*-0.76*	
07 71 23 00-0083	LF	6", 20 Ounce, Box Style Copper Gutter	34.31	4.98
		For Up To 100', Add	*4.67*	
		For >100' To 250', Add	*2.13*	
		For >1,000', Deduct	*-0.82*	
07 71 23 00-0084	LF	7", 20 Ounce, Box Style Copper Gutter	40.96	5.31
		For Up To 100', Add	*5.41*	
		For >100' To 250', Add	*2.49*	
		For >1,000', Deduct	*-0.88*	
07 71 23 00-0085	LF	8", 20 Ounce, Box Style Copper Gutter	41.68	5.63
		For Up To 100', Add	*5.56*	
		For >100' To 250', Add	*2.55*	
		For >1,000', Deduct	*-0.93*	
07 71 23 00-0086		Copper Gutter End Caps *(07 71 23 00-0059)*		
07 71 23 00-0087		K-Style, Copper Gutter End Caps *(07 71 23 00-0086)*		
07 71 23 00-0088	EA	4", K-Style Copper Gutter End Cap	6.72	
07 71 23 00-0089	EA	5", K-Style Copper Gutter End Cap	7.22	
07 71 23 00-0090	EA	6", K-Style Copper Gutter End Cap	7.72	
07 71 23 00-0091	EA	7", K-Style Copper Gutter End Cap	21.18	
07 71 23 00-0092	EA	8", K-Style Copper Gutter End Cap	25.90	
07 71 23 00-0093		Half Round, Copper Gutter End Caps *(07 71 23 00-0086)*		
07 71 23 00-0094	EA	4", Half Round Copper Gutter End Cap	8.21	
07 71 23 00-0095	EA	5", Half Round Copper Gutter End Cap	9.27	
07 71 23 00-0096	EA	6", Half Round Copper Gutter End Cap	14.20	
07 71 23 00-0097	EA	7", Half Round Copper Gutter End Cap	43.51	
07 71 23 00-0098	EA	8", Half Round Copper Gutter End Cap	51.46	
07 71 23 00-0099		Box Style, Copper Gutter End Caps *(07 71 23 00-0086)*		
07 71 23 00-0100	EA	5", Box Style Copper Gutter End Cap	16.14	
07 71 23 00-0101	EA	6", Box Style Copper Gutter End Cap	16.96	
07 71 23 00-0102	EA	7", Box Style Copper Gutter End Cap	17.78	
07 71 23 00-0103	EA	8", Box Style Copper Gutter End Cap	19.42	
07 71 23 00-0104		Copper Gutter Miters *(07 71 23 00-0059)* Note: Inside or outside miters.		
07 71 23 00-0105		K-Style, Copper Gutter Miters *(07 71 23 00-0104)*		
07 71 23 00-0106	EA	4", K-Style Copper Gutter Miter	43.89	
07 71 23 00-0107	EA	5", K-Style Copper Gutter Miter	49.82	
07 71 23 00-0108	EA	6", K-Style Copper Gutter Miter	72.46	
07 71 23 00-0109	EA	7", K-Style Copper Gutter Miter	103.25	
07 71 23 00-0110	EA	8", K-Style Copper Gutter Miter	121.37	
07 71 23 00-0111		Half Round, Copper Gutter Miters *(07 71 23 00-0104)*		
07 71 23 00-0112	EA	4", Half Round Copper Gutter Miter	69.58	
07 71 23 00-0113	EA	5", Half Round Copper Gutter Miter	64.06	
07 71 23 00-0114	EA	6", Half Round Copper Gutter Miter	93.05	
07 71 23 00-0115	EA	7", Half Round Copper Gutter Miter	111.25	
07 71 23 00-0116	EA	8", Half Round Copper Gutter Miter	131.73	
07 71 23 00-0117		Box Style, Copper Gutter Miters *(07 71 23 00-0104)*		
07 71 23 00-0118	EA	5", 16 Ounce Box Style Copper Gutter Miter	76.57	
07 71 23 00-0119	EA	6", 16 Ounce Box Style Copper Gutter Miter	78.97	
07 71 23 00-0120	EA	7", 16 Ounce Box Style Copper Gutter Miter	86.30	
07 71 23 00-0121	EA	8", 16 Ounce Box Style Copper Gutter Miter	87.93	
07 71 23 00-0122	EA	5", 20 Ounce Box Style Copper Gutter Miter	84.78	
07 71 23 00-0123	EA	6", 20 Ounce Box Style Copper Gutter Miter	87.18	
07 71 23 00-0124	EA	7", 20 Ounce Box Style Copper Gutter Miter	94.52	
07 71 23 00-0125	EA	8", 20 Ounce Box Style Copper Gutter Miter	103.60	
07 71 23 00-0126		Copper Gutter Wire Strainers *(07 71 23 00-0059)*		
07 71 23 00-0127	EA	2" Diameter, Round Copper Wire Strainer	19.05	2.71
07 71 23 00-0128	EA	3" Diameter, Round Copper Wire Strainer	23.46	2.71
07 71 23 00-0129	EA	4" Diameter, Round Copper Wire Strainer	37.85	2.71
07 71 23 00-0130	EA	5" Diameter, Round Copper Wire Strainer	50.37	2.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0131	EA	6" Diameter, Round Copper Wire Strainer	60.87	2.71
07 71 23 00-0132		**Copper Downspouts** *(07 71 23 00-0059)* Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0133		**Round Copper Downspouts** *(07 71 23 00-0132)*		
07 71 23 00-0134	LF	2" Diameter, 16 Ounce, Round Copper Downspout	28.86	2.60
		For Up To 100', Add	*3.31*	
		For >100 To 250', Add	*1.58*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0135	LF	3" Diameter, 16 Ounce, Round Copper Downspout	19.97	2.60
		For Up To 100', Add	*2.42*	
		For >100 To 250', Add	*1.14*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0136	LF	4" Diameter, 16 Ounce, Round Copper Downspout	25.28	2.60
		For Up To 100', Add	*2.95*	
		For >100 To 250', Add	*1.40*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0137	LF	5" Diameter, 16 Ounce, Round Copper Downspout	40.67	2.60
		For Up To 100', Add	*4.49*	
		For >100 To 250', Add	*2.17*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0138	LF	6" Diameter, 16 Ounce, Round Copper Downspout	52.41	2.60
		For Up To 100', Add	*5.66*	
		For >100 To 250', Add	*2.76*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0139	LF	3" Diameter, 20 Ounce, Round Copper Downspout	27.17	2.60
		For Up To 100', Add	*3.14*	
		For >100 To 250', Add	*1.50*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0140	LF	4" Diameter, 20 Ounce, Round Copper Downspout	35.38	2.60
		For Up To 100', Add	*3.96*	
		For >100 To 250', Add	*1.91*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0141	LF	5" Diameter, 20 Ounce, Round Copper Downspout	54.01	2.60
		For Up To 100', Add	*5.82*	
		For >100 To 250', Add	*2.84*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0142		**Square Copper Downspouts** *(07 71 23 00-0132)*		
07 71 23 00-0143	LF	3" Diameter, 16 Ounce, Square Copper Downspout	13.70	2.60
		For Up To 100', Add	*1.79*	
		For >100 To 250', Add	*0.83*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0144	LF	4" Diameter, 16 Ounce, Square Copper Downspout	17.23	2.60
		For Up To 100', Add	*2.14*	
		For >100 To 250', Add	*1.00*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0145	LF	5" Diameter, 16 Ounce, Square Copper Downspout	24.85	2.60
		For Up To 100', Add	*2.91*	
		For >100 To 250', Add	*1.38*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0146	LF	3" Diameter, 20 Ounce, Square Copper Downspout	15.88	2.60
		For Up To 100', Add	*2.01*	
		For >100 To 250', Add	*0.93*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0147	LF	4" Diameter, 20 Ounce, Square Copper Downspout	20.28	2.60
		For Up To 100', Add	*2.45*	
		For >100 To 250', Add	*1.15*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0148	LF	5" Diameter, 20 Ounce, Square Copper Downspout	29.33	2.60
		For Up To 100', Add	*3.35*	
		For >100 To 250', Add	*1.61*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0149		**Rectangular Copper Downspouts** *(07 71 23 00-0132)*		
07 71 23 00-0150	LF	2" x 3", 16 Ounce, Rectangular Copper Downspout	20.52	2.60
		For Up To 100', Add	*2.47*	
		For >100 To 250', Add	*1.17*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0151	LF	3" x 4", 16 Ounce, Rectangular Copper Downspout	26.07	2.60
		For Up To 100', Add	*3.03*	
		For >100 To 250', Add	*1.44*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0152	LF	4" x 5", 16 Ounce, Rectangular Copper Downspout	37.26	2.60
		For Up To 100', Add	*4.15*	
		For >100 To 250', Add	*2.00*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0153	LF	2" x 3", 20 Ounce, Rectangular Copper Downspout	23.97	2.60
		For Up To 100', Add	*2.82*	
		For >100 To 250', Add	*1.34*	
		For >1,000', Deduct	*-0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0154	LF	3" x 4", 20 Ounce, Rectangular Copper Downspout	30.85	2.60
		For Up To 100', Add	*3.51*	
		For >100 To 250', Add	*1.68*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0155	LF	4" x 5", 20 Ounce, Rectangular Copper Downspout	44.48	2.60
		For Up To 100', Add	*4.87*	
		For >100 To 250', Add	*2.36*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0156		**Copper Devices And Accessories** *(07 71 23 00-0059)*		
07 71 23 00-0157	EA	Thru-Wall Copper Scupper Outlet	225.31	23.10
07 71 23 00-0158	EA	Copper Leader/Conductor Head	333.64	25.68
07 71 23 00-0159	EA	Copper Eave Box	147.80	16.24
07 71 23 00-0160		**Galvanized Steel Gutters And Downspouts** *(07 71 23)*		
07 71 23 00-0161		**Galvanized Steel Gutters** *(07 71 23 00-0160)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0162		**K-Style Galvanized Steel Gutters** *(07 71 23 00-0161)*		
07 71 23 00-0163	LF	5", 26 Gauge, K-Style Galvanized Steel Gutter	12.21	4.01
		For Up To 100', Add	*2.21*	
		For >100' To 250', Add	*0.94*	
		For >1,000', Deduct	*-0.66*	
		For Kynar 500® Finish, Add	*2.52*	
		For 24 Gauge, Add	*1.57*	
		For 22 Gauge, Add	*3.09*	
07 71 23 00-0164	LF	6", 26 Gauge, K-Style Galvanized Steel Gutter	14.25	4.22
		For Up To 100', Add	*2.46*	
		For >100' To 250', Add	*1.06*	
		For >1,000', Deduct	*-0.69*	
		For Kynar 500® Finish, Add	*3.29*	
		For 24 Gauge, Add	*2.05*	
		For 22 Gauge, Add	*4.03*	
07 71 23 00-0165	LF	7", 26 Gauge, K-Style Galvanized Steel Gutter	29.98	4.44
		For Up To 100', Add	*4.12*	
		For >100' To 250', Add	*1.87*	
		For >1,000', Deduct	*-0.75*	
		For Kynar 500® Finish, Add	*10.13*	
		For 24 Gauge, Add	*6.31*	
		For 22 Gauge, Add	*12.39*	
07 71 23 00-0166	LF	8", 26 Gauge, K-Style Galvanized Steel Gutter	31.61	4.98
		For Up To 100', Add	*4.40*	
		For >100' To 250', Add	*1.99*	
		For >1,000', Deduct	*-0.82*	
		For Kynar 500® Finish, Add	*10.52*	
		For 24 Gauge, Add	*6.55*	
		For 22 Gauge, Add	*12.86*	
07 71 23 00-0167		**Half Round Galvanized Steel Gutters** *(07 71 23 00-0161)*		
07 71 23 00-0168	LF	5", 26 Gauge, Half Round Galvanized Steel Gutter	18.00	4.01
		For Up To 100', Add	*2.79*	
		For >100' To 250', Add	*1.23*	
		For >1,000', Deduct	*-0.66*	
		For Kynar 500® Finish, Add	*5.13*	
		For 24 Gauge, Add	*3.19*	
		For 22 Gauge, Add	*6.27*	
07 71 23 00-0169	LF	6", 26 Gauge, Half Round Galvanized Steel Gutter	22.78	4.22
		For Up To 100', Add	*3.32*	
		For >100' To 250', Add	*1.49*	
		For >1,000', Deduct	*-0.69*	
		For Kynar 500® Finish, Add	*7.13*	
		For 24 Gauge, Add	*4.44*	
		For 22 Gauge, Add	*8.72*	
07 71 23 00-0170	LF	7", 26 Gauge, Half Round Galvanized Steel Gutter	57.95	4.44
		For Up To 100', Add	*6.91*	
		For >100' To 250', Add	*3.27*	
		For >1,000', Deduct	*-0.75*	
		For Kynar 500® Finish, Add	*22.72*	
		For 24 Gauge, Add	*14.14*	
		For 22 Gauge, Add	*27.77*	
07 71 23 00-0171	LF	8", 26 Gauge, Half Round Galvanized Steel Gutter	61.83	4.98
		For Up To 100', Add	*7.42*	
		For >100' To 250', Add	*3.50*	
		For >1,000', Deduct	*-0.82*	
		For Kynar 500® Finish, Add	*24.12*	
		For 24 Gauge, Add	*15.01*	
		For 22 Gauge, Add	*29.48*	
07 71 23 00-0172		**Box Style Galvanized Steel Gutters** *(07 71 23 00-0161)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0173	LF	5", 24 Gauge, Box Style Galvanized Steel Gutter	21.57	4.54
		For Up To 100', Add	*3.29*	
		For >100' To 250', Add	*1.46*	
		For >1,000', Deduct	*-0.76*	
		For Kynar 500® Finish, Add	*6.30*	
		For 22 Gauge, Add	*3.08*	
07 71 23 00-0174	LF	6", 24 Gauge, Box Style Galvanized Steel Gutter	25.35	4.98
		For Up To 100', Add	*3.77*	
		For >100' To 250', Add	*1.68*	
		For >1,000', Deduct	*-0.82*	
		For Kynar 500® Finish, Add	*7.70*	
		For 22 Gauge, Add	*3.77*	
07 71 23 00-0175	LF	7", 24 Gauge, Box Style Galvanized Steel Gutter	32.21	4.44
		For Up To 100', Add	*4.34*	
		For >100' To 250', Add	*1.98*	
		For >1,000', Deduct	*-0.75*	
		For Kynar 500® Finish, Add	*11.14*	
		For 22 Gauge, Add	*5.45*	
07 71 23 00-0176	LF	8", 24 Gauge, Box Style Galvanized Steel Gutter	35.72	5.63
		For Up To 100', Add	*4.97*	
		For >100' To 250', Add	*2.25*	
		For >1,000', Deduct	*-0.93*	
		For Kynar 500® Finish, Add	*11.88*	
		For 22 Gauge, Add	*5.81*	

07 71 23 00-0177 Galvanized Steel Gutter End Caps *(07 71 23 00-0160)*

07 71 23 00-0178 K-Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

07 71 23 00-0179	EA	5", K-Style Galvanized Steel Gutter End Cap	5.53	
		For Kynar 500® Finish, Add	*1.51*	
07 71 23 00-0180	EA	6", K-Style Galvanized Steel Gutter End Cap	6.41	
		For Kynar 500® Finish, Add	*1.91*	
07 71 23 00-0181	EA	7", K-Style Galvanized Steel Gutter End Cap	14.26	
		For Kynar 500® Finish, Add	*5.44*	
07 71 23 00-0182	EA	8", K-Style Galvanized Steel Gutter End Cap	20.81	
		For Kynar 500® Finish, Add	*8.39*	

07 71 23 00-0183 Half Round, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

07 71 23 00-0184	EA	5", Half Round Galvanized Steel Gutter End Cap	7.19	
		For Kynar 500® Finish, Add	*2.26*	
07 71 23 00-0185	EA	6", Half Round Galvanized Steel Gutter End Cap	8.32	
		For Kynar 500® Finish, Add	*2.77*	
07 71 23 00-0186	EA	7", Half Round Galvanized Steel Gutter End Cap	15.76	
		For Kynar 500® Finish, Add	*6.12*	
07 71 23 00-0187	EA	8", Half Round Galvanized Steel Gutter End Cap	21.40	
		For Kynar 500® Finish, Add	*8.65*	

07 71 23 00-0188 Box Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

07 71 23 00-0189	EA	5", Box Style Galvanized Steel Gutter End Cap	13.13	
		For Kynar 500® Finish, Add	*4.93*	
07 71 23 00-0190	EA	6", Box Style Galvanized Steel Gutter End Cap	15.87	
		For Kynar 500® Finish, Add	*6.17*	
07 71 23 00-0191	EA	7", Box Style Galvanized Steel Gutter End Cap	17.81	
		For Kynar 500® Finish, Add	*7.04*	
07 71 23 00-0192	EA	8", Box Style Galvanized Steel Gutter End Cap	23.96	
		For Kynar 500® Finish, Add	*9.81*	

07 71 23 00-0193 Galvanized Steel Gutter Miters *(07 71 23 00-0160)*

Note: Inside or outside miters.

07 71 23 00-0194 K-Style, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0195	EA	5", K-Style Galvanized Steel Gutter Miter	33.70	
		For Kynar 500® Finish, Add	*10.25*	
07 71 23 00-0196	EA	6", K-Style Galvanized Steel Gutter Miter	55.25	
		For Kynar 500® Finish, Add	*19.60*	
07 71 23 00-0197	EA	7", K-Style Galvanized Steel Gutter Miter	89.06	
		For Kynar 500® Finish, Add	*34.47*	
07 71 23 00-0198	EA	8", K-Style Galvanized Steel Gutter Miter	100.19	
		For Kynar 500® Finish, Add	*39.09*	

07 71 23 00-0199 Half Round, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0200	EA	5", Half Round Galvanized Steel Gutter Miter	46.57	
		For Kynar 500® Finish, Add	*16.04*	
07 71 23 00-0201	EA	6", Half Round Galvanized Steel Gutter Miter	52.41	
		For Kynar 500® Finish, Add	*18.32*	
07 71 23 00-0202	EA	7", Half Round Galvanized Steel Gutter Miter	150.91	
		For Kynar 500® Finish, Add	*62.31*	
07 71 23 00-0203	EA	8", Half Round Galvanized Steel Gutter Miter	159.47	
		For Kynar 500® Finish, Add	*65.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0204		**Box Style, Galvanized Steel Gutter Miters** *(07 71 23 00-0193)*		
07 71 23 00-0205	EA	5", Box Style Galvanized Steel Gutter Miter	43.99	
		For Kynar 500® Finish, Add	*14.88*	
07 71 23 00-0206	EA	6", Box Style Galvanized Steel Gutter Miter	72.29	
		For Kynar 500® Finish, Add	*27.27*	
07 71 23 00-0207	EA	7", Box Style Galvanized Steel Gutter Miter	94.19	
		For Kynar 500® Finish, Add	*36.78*	
07 71 23 00-0208	EA	8", Box Style Galvanized Steel Gutter Miter	100.19	
		For Kynar 500® Finish, Add	*39.09*	
07 71 23 00-0209		**Galvanized Steel Gutter Wire Strainers** *(07 71 23 00-0160)*		
07 71 23 00-0210	EA	3" Diameter, Round Galvanized Steel Wire Strainer	12.70	2.71
		For Kynar 500® Finish, Add	*3.18*	
07 71 23 00-0211	EA	4" Diameter, Round Galvanized Steel Wire Strainer	18.71	2.71
		For Kynar 500® Finish, Add	*5.88*	
07 71 23 00-0212		**Galvanized Steel Downspouts** *(07 71 23 00-0160)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0213		**Round Galvanized Steel Downspouts** *(07 71 23 00-0212)*		
07 71 23 00-0214	LF	3" Diameter, 26 Gauge, Round Galvanized Steel Downspout	6.90	2.60
		For Up To 100', Add	*1.11*	
		For >100 To 250', Add	*0.49*	
		For >1,000', Deduct	*-0.28*	
		For Kynar 500® Finish, Add	*1.84*	
		For 24 Gauge, Add	*1.15*	
		For 22 Gauge, Add	*2.25*	
07 71 23 00-0215	LF	4" Diameter, 26 Gauge, Round Galvanized Steel Downspout	8.66	2.60
		For Up To 100', Add	*1.29*	
		For >100 To 250', Add	*0.57*	
		For >1,000', Deduct	*-0.28*	
		For Kynar 500® Finish, Add	*2.63*	
		For 24 Gauge, Add	*1.64*	
		For 22 Gauge, Add	*3.22*	
07 71 23 00-0216	LF	5" Diameter, 26 Gauge, Round Galvanized Steel Downspout	11.90	2.60
		For Up To 100', Add	*1.61*	
		For >100 To 250', Add	*0.74*	
		For >1,000', Deduct	*-0.28*	
		For Kynar 500® Finish, Add	*4.09*	
		For 24 Gauge, Add	*2.55*	
		For 22 Gauge, Add	*5.00*	
07 71 23 00-0217	LF	6" Diameter, 26 Gauge, Round Galvanized Steel Downspout	26.86	2.60
		For Up To 100', Add	*3.11*	
		For >100 To 250', Add	*1.48*	
		For >1,000', Deduct	*-0.28*	
		For Kynar 500® Finish, Add	*10.82*	
		For 24 Gauge, Add	*6.73*	
		For 22 Gauge, Add	*13.23*	
07 71 23 00-0218		**Square Galvanized Steel Downspouts** *(07 71 23 00-0212)*		
07 71 23 00-0219	LF	4" x 4", 26 Gauge, Square Galvanized Steel Downspout	7.88	2.60
		For Up To 100', Add	*1.21*	
		For >100 To 250', Add	*0.53*	
		For >1,000', Deduct	*-0.28*	
		For Kynar 500® Finish, Add	*2.28*	
		For 24 Gauge, Add	*1.42*	
		For 22 Gauge, Add	*2.79*	
07 71 23 00-0220	LF	5" x 5", 26 Gauge, Square Galvanized Steel Downspout	10.19	2.60
		For Up To 100', Add	*1.44*	
		For >100 To 250', Add	*0.65*	
		For >1,000', Deduct	*-0.28*	
		For Kynar 500® Finish, Add	*3.32*	
		For 24 Gauge, Add	*2.07*	
		For 22 Gauge, Add	*4.06*	
07 71 23 00-0221		**Rectangular Galvanized Steel Downspouts** *(07 71 23 00-0212)*		
07 71 23 00-0222	LF	2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout	7.04	2.60
		For Up To 100', Add	*1.13*	
		For >100 To 250', Add	*0.49*	
		For >1,000', Deduct	*-0.28*	
		For Kynar 500® Finish, Add	*1.90*	
		For 24 Gauge, Add	*1.18*	
		For 22 Gauge, Add	*2.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0223	LF	3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout	9.06	2.60
		For Up To 100', Add	*1.33*	
		For >100 To 250', Add	*0.59*	
		For >1,000', Deduct	*-0.28*	
		For Kynar 500® Finish, Add	*2.81*	
		For 24 Gauge, Add	*1.75*	
		For 22 Gauge, Add	*3.44*	
07 71 23 00-0224	LF	4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout	17.10	2.60
		For Up To 100', Add	*2.13*	
		For >100 To 250', Add	*1.00*	
		For >1,000', Deduct	*-0.28*	
		For Kynar 500® Finish, Add	*6.43*	
		For 24 Gauge, Add	*4.00*	
		For 22 Gauge, Add	*7.86*	

07 71 23 00-0225 Galvanized Steel Devices *(07 71 23 00-0160)*

07 71 23 00-0226	EA	Galvanized Steel Leader/Conductor Head	312.93	25.68
		For Kynar 500® Finish, Add	*117.71*	
07 71 23 00-0227	EA	Thru-Wall Galvanized Steel Scupper Outlet	173.93	23.10
		For Kynar 500® Finish, Add	*43.61*	

07 71 23 00-0228 Stainless Steel Gutters And Downspouts *(07 71 23)*

Note: AISI type 304 stainless steel.

07 71 23 00-0229 Stainless Steel Gutters *(07 71 23 00-0228)*

Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.

07 71 23 00-0230 K-Style, Stainless Steel Gutters *(07 71 23 00-0229)*

07 71 23 00-0231	LF	5", 26 Gauge, K-Style Stainless Steel Gutter	32.38	4.01
		For Up To 100', Add	*4.23*	
		For >100' To 250', Add	*1.95*	
		For >1,000', Deduct	*-0.66*	
		For 316 Stainless Steel, Add	*9.80*	
		For 24 Gauge, Add	*8.51*	
		For 22 Gauge, Add	*17.01*	
		For 20 Gauge, Add	*25.52*	
07 71 23 00-0232	LF	6", 26 Gauge, K-Style Stainless Steel Gutter	39.16	4.22
		For Up To 100', Add	*4.96*	
		For >100' To 250', Add	*2.30*	
		For >1,000', Deduct	*-0.69*	
		For 316 Stainless Steel, Add	*12.25*	
		For 24 Gauge, Add	*10.64*	
		For 22 Gauge, Add	*21.27*	
		For 20 Gauge, Add	*31.91*	

07 71 23 00-0233 Half Round, Stainless Steel Gutters *(07 71 23 00-0229)*

07 71 23 00-0234	LF	5", 26 Gauge, Half Round Stainless Steel Gutter	45.63	4.01
		For Up To 100', Add	*5.55*	
		For >100' To 250', Add	*2.61*	
		For >1,000', Deduct	*-0.66*	
		For 316 Stainless Steel, Add	*14.83*	
		For 24 Gauge, Add	*12.88*	
		For 22 Gauge, Add	*25.76*	
		For 20 Gauge, Add	*38.64*	
07 71 23 00-0235	LF	6", 26 Gauge, Half Round Stainless Steel Gutter	55.64	4.22
		For Up To 100', Add	*6.60*	
		For >100' To 250', Add	*3.13*	
		For >1,000', Deduct	*-0.69*	
		For 316 Stainless Steel, Add	*18.51*	
		For 24 Gauge, Add	*16.07*	
		For 22 Gauge, Add	*32.15*	
		For 20 Gauge, Add	*48.22*	

07 71 23 00-0236 Box Style, Stainless Steel Gutters *(07 71 23 00-0229)*

07 71 23 00-0237	LF	5", 26 Gauge, Box Style Stainless Steel Gutter	44.34	4.54
		For Up To 100', Add	*5.57*	
		For >100' To 250', Add	*2.60*	
		For >1,000', Deduct	*-0.76*	
		For 316 Stainless Steel, Add	*13.97*	
		For 24 Gauge, Add	*12.13*	
		For 22 Gauge, Add	*24.26*	
		For 20 Gauge, Add	*36.39*	
		For 18 Gauge, Add	*61.02*	
		For Seamless Gutter, Add	*-0.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0238	LF	6", 26 Gauge, Box Style Stainless Steel Gutter	54.41	4.98
		For Up To 100', Add	*6.68*	
		For >100' To 250', Add	*3.13*	
		For >1,000', Deduct	*-0.82*	
		For 316 Stainless Steel, Add	*17.55*	
		For 24 Gauge, Add	*15.24*	
		For 22 Gauge, Add	*30.48*	
		For 20 Gauge, Add	*45.72*	
		For 18 Gauge, Add	*76.66*	
		For Seamless Gutter, Add	*-1.07*	
07 71 23 00-0239	LF	7", 26 Gauge, Box Style Stainless Steel Gutter	64.57	5.31
		For Up To 100', Add	*7.77*	
		For >100' To 250', Add	*3.67*	
		For >1,000', Deduct	*-0.88*	
		For 316 Stainless Steel, Add	*21.21*	
		For 24 Gauge, Add	*18.42*	
		For 22 Gauge, Add	*36.83*	
		For 20 Gauge, Add	*55.25*	
		For 18 Gauge, Add	*92.64*	
		For Seamless Gutter, Add	*-1.48*	
07 71 23 00-0240	LF	8", 26 Gauge, Box Style Stainless Steel Gutter	70.29	5.63
		For Up To 100', Add	*8.43*	
		For >100' To 250', Add	*3.98*	
		For >1,000', Deduct	*-0.93*	
		For 316 Stainless Steel, Add	*23.17*	
		For 24 Gauge, Add	*20.12*	
		For 22 Gauge, Add	*40.25*	
		For 20 Gauge, Add	*60.37*	
		For 18 Gauge, Add	*101.23*	
		For Seamless Gutter, Add	*-1.65*	

07 71 23 00-0241 Stainless Steel Gutter End Caps *(07 71 23 00-0228)*

07 71 23 00-0242 K-Style, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*

07 71 23 00-0243	EA	5", K-Style Stainless Steel Gutter End Cap	10.23	
		For 316 Stainless Steel, Add	*3.06*	
07 71 23 00-0244	EA	6", K-Style Stainless Steel Gutter End Cap	11.85	
		For 316 Stainless Steel, Add	*3.68*	

07 71 23 00-0245 Half Round, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*

07 71 23 00-0246	EA	5", Half Round Stainless Steel Gutter End Cap	12.25	
		For 316 Stainless Steel, Add	*3.83*	
07 71 23 00-0247	EA	6", Half Round Stainless Steel Gutter End Cap	14.27	
		For 316 Stainless Steel, Add	*4.60*	

07 71 23 00-0248 Box Style, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*

07 71 23 00-0249	EA	5", Box Style Stainless Steel Gutter End Cap	12.79	
		For 316 Stainless Steel, Add	*3.83*	
07 71 23 00-0250	EA	6", Box Style Stainless Steel Gutter End Cap	14.81	
		For 316 Stainless Steel, Add	*4.60*	
07 71 23 00-0251	EA	7", Box Style Stainless Steel Gutter End Cap	15.58	
		For 316 Stainless Steel, Add	*4.96*	
07 71 23 00-0252	EA	8", Box Style Stainless Steel Gutter End Cap	18.97	
		For 316 Stainless Steel, Add	*6.11*	

07 71 23 00-0253 Stainless Steel Gutter Miters *(07 71 23 00-0228)*

Note: Inside or outside box miters.

07 71 23 00-0254 K-Style, Stainless Steel Gutter Miters *(07 71 23 00-0253)*

07 71 23 00-0255	EA	5", K-Style Stainless Steel Gutter Miter	52.59	
		For 316 Stainless Steel, Add	*15.83*	
07 71 23 00-0256	EA	6", K-Style Stainless Steel Gutter Miter	85.61	
		For 316 Stainless Steel, Add	*28.09*	

07 71 23 00-0257 Half Round, Stainless Steel Gutter Miters *(07 71 23 00-0253)*

07 71 23 00-0258	EA	5", Half Round Stainless Steel Gutter Miter	133.23	
		For 316 Stainless Steel, Add	*46.47*	
07 71 23 00-0259	EA	6", Half Round Stainless Steel Gutter Miter	163.50	
		For 316 Stainless Steel, Add	*57.69*	

07 71 23 00-0260 Box-Style, Stainless Steel Gutter Miters *(07 71 23 00-0253)*

07 71 23 00-0261	EA	5", Box-Style Stainless Steel Gutter Miter	60.92	
		For 316 Stainless Steel, Add	*19.00*	
07 71 23 00-0262	EA	6", Box-Style Stainless Steel Gutter Miter	100.39	
		For 316 Stainless Steel, Add	*33.71*	
07 71 23 00-0263	EA	7", Box-Style Stainless Steel Gutter Miter	115.93	
		For 316 Stainless Steel, Add	*39.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0264	EA	8", Box-Style Stainless Steel Gutter Miter	131.59	
		For 316 Stainless Steel, Add	*44.94*	
07 71 23 00-0265		**Stainless Steel Gutter Wire Strainers** *(07 71 23 00-0228)*		
07 71 23 00-0266	EA	3" Diameter, Round Stainless Steel Wire Strainer	43.61	2.71
07 71 23 00-0267	EA	4" Diameter, Round Stainless Steel Wire Strainer	44.65	2.71
07 71 23 00-0268		**Stainless Steel Downspouts** *(07 71 23 00-0228)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0269		**Round Stainless Steel Downspouts** *(07 71 23 00-0268)*		
07 71 23 00-0270	LF	3" Diameter, 26 Gauge, Round Stainless Steel Downspout	19.47	2.60
		For Up To 100', Add	*2.37*	
		For >100 To 250', Add	*1.11*	
		For >1,000', Deduct	*-0.28*	
		For 316 Stainless Steel, Add	*6.33*	
		For 24 Gauge, Add	*5.50*	
		For 22 Gauge, Add	*11.00*	
		For 20 Gauge, Add	*16.49*	
07 71 23 00-0271	LF	4" Diameter, 26 Gauge, Round Stainless Steel Downspout	25.93	2.60
		For Up To 100', Add	*3.01*	
		For >100 To 250', Add	*1.44*	
		For >1,000', Deduct	*-0.28*	
		For 316 Stainless Steel, Add	*8.79*	
		For 24 Gauge, Add	*7.63*	
		For 22 Gauge, Add	*15.26*	
		For 20 Gauge, Add	*22.89*	
07 71 23 00-0272	LF	5" Diameter, 26 Gauge, Round Stainless Steel Downspout	38.13	2.60
		For Up To 100', Add	*4.23*	
		For >100 To 250', Add	*2.05*	
		For >1,000', Deduct	*-0.28*	
		For 316 Stainless Steel, Add	*13.42*	
		For 24 Gauge, Add	*11.66*	
		For 22 Gauge, Add	*23.31*	
		For 20 Gauge, Add	*34.97*	
07 71 23 00-0273		**Rectangular Stainless Steel Downspouts** *(07 71 23 00-0268)*		
07 71 23 00-0274	LF	2" x 3", 26 Gauge, Rectangular Stainless Steel Downspout	19.94	2.60
		For Up To 100', Add	*2.42*	
		For >100 To 250', Add	*1.14*	
		For >1,000', Deduct	*-0.28*	
		For 316 Stainless Steel, Add	*6.51*	
		For 24 Gauge, Add	*5.65*	
		For 22 Gauge, Add	*11.31*	
		For 20 Gauge, Add	*16.96*	
		For 18 Gauge, Add	*28.44*	
07 71 23 00-0275	LF	3" x 4", 26 Gauge, Rectangular Stainless Steel Downspout	26.89	2.60
		For Up To 100', Add	*3.11*	
		For >100 To 250', Add	*1.49*	
		For >1,000', Deduct	*-0.28*	
		For 316 Stainless Steel, Add	*9.15*	
		For 24 Gauge, Add	*7.95*	
		For 22 Gauge, Add	*15.89*	
		For 20 Gauge, Add	*23.84*	
		For 18 Gauge, Add	*39.97*	
07 71 23 00-0276	LF	4" x 5", 26 Gauge, Rectangular Stainless Steel Downspout	35.03	2.60
		For Up To 100', Add	*3.92*	
		For >100 To 250', Add	*1.89*	
		For >1,000', Deduct	*-0.28*	
		For 316 Stainless Steel, Add	*12.24*	
		For 24 Gauge, Add	*10.63*	
		For 22 Gauge, Add	*21.27*	
		For 20 Gauge, Add	*31.90*	
		For 18 Gauge, Add	*53.49*	
07 71 23 00-0277		**Stainless Steel Devices** *(07 71 23 00-0228)*		
07 71 23 00-0278	EA	Thru-Wall Stainless Steel Scupper Outlet	209.82	24.36
		For 316 Stainless Steel, Add	*48.88*	
07 71 23 00-0279	EA	Stainless Steel Leader/Conductor Head	420.34	24.36
		For 316 Stainless Steel, Add	*139.16*	
07 71 23 00-0280		**Vinyl Gutters And Downspouts** *(07 71 23)*		
07 71 23 00-0281		**Vinyl Gutters** *(07 71 23 00-0280)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0282		**K-Style Vinyl Gutters** *(07 71 23 00-0281)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0283	LF	4", K-Style Vinyl Gutter	10.89	2.71
		For Up To 100', Add	*1.77*	
		For >100' To 250', Add	*0.77*	
		For >1,000', Deduct	*-0.45*	
07 71 23 00-0284	LF	5", K-Style Vinyl Gutter	14.17	2.71
		For Up To 100', Add	*2.09*	
		For >100' To 250', Add	*0.93*	
		For >1,000', Deduct	*-0.45*	
07 71 23 00-0285		**Half Round Vinyl Gutters** *(07 71 23 00-0281)*		
07 71 23 00-0286	LF	4", Half Round Vinyl Gutter	11.26	2.71
		For Up To 100', Add	*1.80*	
		For >100' To 250', Add	*0.79*	
		For >1,000', Deduct	*-0.45*	
07 71 23 00-0287	LF	5", Half Round Vinyl Gutter	11.86	2.71
		For Up To 100', Add	*1.86*	
		For >100' To 250', Add	*0.82*	
		For >1,000', Deduct	*-0.45*	
07 71 23 00-0288		**Vinyl Gutter End Caps** *(07 71 23 00-0280)*		
07 71 23 00-0289		**K-Style, Vinyl Gutter End Caps** *(07 71 23 00-0288)*		
07 71 23 00-0290	EA	4", K-Style Vinyl Gutter End Cap	6.80	
07 71 23 00-0291	EA	5", K-Style Vinyl Gutter End Cap	9.52	
07 71 23 00-0292		**Half Round, Vinyl Gutter End Caps** *(07 71 23 00-0288)*		
07 71 23 00-0293	EA	4", Half Round Vinyl Gutter End Cap	7.80	
07 71 23 00-0294	EA	5", Half Round Vinyl Gutter End Cap	7.35	
07 71 23 00-0295		**Vinyl Gutter Miters** *(07 71 23 00-0280)*		
		Note: Inside or outside miters.		
07 71 23 00-0296		**K-Style, Vinyl Gutter Miters** *(07 71 23 00-0295)*		
07 71 23 00-0297	EA	4", K-Style Vinyl Gutter Miter	17.09	
07 71 23 00-0298	EA	5", K-Style Vinyl Gutter Miter	25.89	
07 71 23 00-0299		**Half Round, Vinyl Gutter Miters** *(07 71 23 00-0295)*		
07 71 23 00-0300	EA	4", Half Round Vinyl Gutter Miter	17.09	
07 71 23 00-0301	EA	5", Half Round Vinyl Gutter Miter	18.60	
07 71 23 00-0302		**Vinyl Downspouts** *(07 71 23 00-0280)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0303		**Round Vinyl Downspouts** *(07 71 23 00-0302)*		
07 71 23 00-0304	LF	2-1/2" Diameter, Round Vinyl Downspout	7.16	2.60
		For Up To 100', Add	*1.14*	
		For >100 To 250', Add	*0.50*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0305	LF	3" Diameter, Round Vinyl Downspout	7.48	2.60
		For Up To 100', Add	*1.17*	
		For >100 To 250', Add	*0.51*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0306		**Square Vinyl Downspouts** *(07 71 23 00-0302)*		
07 71 23 00-0307	LF	2-1/2", Square Vinyl Downspout	7.03	2.60
		For Up To 100', Add	*1.12*	
		For >100 To 250', Add	*0.49*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0308		**Rectangular Vinyl Downspouts** *(07 71 23 00-0302)*		
07 71 23 00-0309	LF	2" x 3", Rectangular Vinyl Downspout	9.09	2.60
		For Up To 100', Add	*1.33*	
		For >100 To 250', Add	*0.60*	
		For >1,000', Deduct	*-0.28*	
07 71 23 00-0310		**Gutter And Downspout Boots** *(07 71 23)*		
07 71 23 00-0311		**Cast Iron Roof Drainage Downspout Boots** *(07 71 23 00-0310)*		
07 71 23 00-0312	EA	2" x 3" x 18" Long, Cast Iron Roof Drainage Downspout Boot	322.69	3.90
07 71 23 00-0313	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot	420.97	3.90
07 71 23 00-0314	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot	502.70	3.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0315		**Cast Iron Roof Drainage Downspout Boots With Cleanouts** *(07 71 23 00-0310)*		
07 71 23 00-0316	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	558.35	3.90
07 71 23 00-0317	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	682.38	3.90
07 71 23 00-0318	EA	5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	1,239.35	3.90
07 71 23 00-0319		**Wall Mounted Downspout Covers With Hinged Perforated Cover** *(07 71 23)*		
07 71 23 00-0320	EA	3" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-03)	1,112.78	26.97
		For Polished Brass Finish (-PB), Add	*105.89*	
		For Chrome Plated Finish (-CP), Add	*158.83*	
		For Vandal Proof (-U), Add	*52.94*	
07 71 23 00-0321	EA	4" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04)	1,130.76	35.96
		For Polished Brass Finish (-PB), Add	*105.89*	
		For Chrome Plated Finish (-CP), Add	*158.83*	
		For Vandal Proof (-U), Add	*52.94*	
07 71 23 00-0322	EA	6" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06)	1,214.35	48.03
		For Polished Brass Finish (-PB), Add	*111.83*	
		For Chrome Plated Finish (-CP), Add	*167.75*	
		For Vandal Proof (-U), Add	*55.92*	
07 71 23 00-0323	EA	8" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08)	1,293.39	60.64
		For Polished Brass Finish (-PB), Add	*117.21*	
		For Chrome Plated Finish (-CP), Add	*175.82*	
		For Vandal Proof (-U), Add	*58.61*	
07 71 23 00-0324	EA	10" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10)	1,389.68	74.71
		For Polished Brass Finish (-PB), Add	*124.03*	
		For Chrome Plated Finish (-CP), Add	*186.04*	
		For Vandal Proof (-U), Add	*62.01*	
07 71 23 00-0325	EA	12" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12)	1,524.21	104.30
		For Polished Brass Finish (-PB), Add	*131.56*	
		For Chrome Plated Finish (-CP), Add	*197.34*	
		For Vandal Proof (-U), Add	*65.78*	
07 71 23 00-0326	EA	15" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15)	1,680.03	145.05
		For Polished Brass Finish (-PB), Add	*138.99*	
		For Chrome Plated Finish (-CP), Add	*208.49*	
		For Vandal Proof (-U), Add	*69.50*	
07 71 23 00-0327		**Wall Mounted Downspout Nozzle** *(07 71 23)*		
07 71 23 00-0328	EA	3" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-03)	282.51	26.97
		For Nickel Bronze Finish (-NB), Add	*160.01*	
		For Polished Bronze Finish (-PB), Add	*125.72*	
		For Chrome Plated Finish (-CP), Add	*203.44*	
07 71 23 00-0329	EA	4" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-04)	300.49	35.96
		For Nickel Bronze Finish (-NB), Add	*160.01*	
		For Polished Bronze Finish (-PB), Add	*125.72*	
		For Chrome Plated Finish (-CP), Add	*203.44*	
07 71 23 00-0330	EA	6" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-06)	638.29	48.03
		For Nickel Bronze Finish (-NB), Add	*162.67*	
		For Polished Bronze Finish (-PB), Add	*92.18*	
		For Chrome Plated Finish (-CP), Add	*238.59*	
07 71 23 00-0331	EA	8" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-08)	944.37	60.64
		For Nickel Bronze Finish (-NB), Add	*139.93*	
		For Polished Bronze Finish (-PB), Add	*107.00*	
		For Chrome Plated Finish (-CP), Add	*238.70*	
07 71 23 00-0332	EA	10" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-10)	1,217.99	74.71
		For Nickel Bronze Finish (-NB), Add	*181.66*	
		For Polished Bronze Finish (-PB), Add	*138.92*	
		For Chrome Plated Finish (-CP), Add	*309.89*	
07 71 23 00-0333	EA	12" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-12)	1,552.91	104.30
		For Nickel Bronze Finish (-NB), Add	*228.53*	
		For Polished Bronze Finish (-PB), Add	*174.76*	
		For Chrome Plated Finish (-CP), Add	*389.85*	
07 71 23 00-0334		**Leaf Guards And Cleaning** *(07 71 23)*		
07 71 23 00-0335	LF	Aluminum Mesh Gutter Leaf Guard	3.62	0.81
		For Up To 100', Add	*0.60*	
		For >100' To 250', Add	*0.26*	
		For >1,000', Deduct	*-0.16*	
07 71 23 00-0336	LF	Vinyl Mesh Gutter Leaf Guard	2.74	0.81
		For Up To 100', Add	*0.51*	
		For >100' To 250', Add	*0.22*	
		For >1,000', Deduct	*-0.16*	
07 71 23 00-0337	LF	6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	12.38	1.01
		For Up To 100', Add	*1.54*	
		For >100' To 250', Add	*0.72*	
		For >1,000', Deduct	*-0.20*	
07 71 23 00-0338	LF	9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	17.58	1.01
		For Up To 100', Add	*2.06*	
		For >100' To 250', Add	*0.98*	
		For >1,000', Deduct	*-0.20*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0339	LF	6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	9.43	1.01
		For Up To 100', Add	*1.18*	
		For >100' To 250', Add	*0.55*	
		For >1,000', Deduct	*-0.16*	
07 71 23 00-0340	LF	9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	14.41	1.01
		For Up To 100', Add	*1.68*	
		For >100' To 250', Add	*0.80*	
		For >1,000', Deduct	*-0.16*	
07 71 23 00-0341	EA	Cleanout Roof Drain Note: Includes removing dome and flushing.	140.26	
07 71 23 00-0342	LF	Cleanout Roof Gutters And Downspouts	1.65	

07 71 26 Reglets *(07 71)*

07 71 26 00-0001 Counter Flashing With Reglet *(07 71 26)*
Note: Includes reglet cut.

07 71 26 00-0002 Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0001)*

07 71 26 00-0003 Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*

07 71 26 00-0004	LF	28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	15.70	4.57
07 71 26 00-0005	LF	26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	15.89	4.57
07 71 26 00-0006	LF	24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	16.20	4.57
07 71 26 00-0007	LF	22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	17.39	4.57
07 71 26 00-0008	LF	20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	18.07	4.57
07 71 26 00-0009	LF	18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	18.85	4.57

07 71 26 00-0010 KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*

07 71 26 00-0011	LF	28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	18.66	4.57
07 71 26 00-0012	LF	26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	18.92	4.57
07 71 26 00-0013	LF	24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	19.38	4.57
07 71 26 00-0014	LF	22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	21.10	4.57
07 71 26 00-0015	LF	20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	22.09	4.57
07 71 26 00-0016	LF	18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	23.22	4.57

07 71 26 00-0017 Aluminum Counter Flashing With Reglet *(07 71 26 00-0001)*

07 71 26 00-0018 KYNAR 500® Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*

07 71 26 00-0019	LF	0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	14.78	4.57
07 71 26 00-0020	LF	0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	15.67	4.57
07 71 26 00-0021	LF	0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	16.56	4.57
07 71 26 00-0022	LF	0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	17.20	4.57
07 71 26 00-0023	LF	0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	18.63	4.57
07 71 26 00-0024	LF	0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	20.71	4.57

07 71 26 00-0025 Mill Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*

07 71 26 00-0026	LF	0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	12.74	4.57
07 71 26 00-0027	LF	0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	13.31	4.57
07 71 26 00-0028	LF	0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	13.88	4.57
07 71 26 00-0029	LF	0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	14.29	4.57
07 71 26 00-0030	LF	0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	15.20	4.57
07 71 26 00-0031	LF	0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	16.53	4.57

07 71 26 00-0032 Clear Anodized Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*

07 71 26 00-0033	LF	0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	14.36	4.57
07 71 26 00-0034	LF	0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	15.18	4.57
07 71 26 00-0035	LF	0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	16.01	4.57
07 71 26 00-0036	LF	0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	16.60	4.57
07 71 26 00-0037	LF	0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	17.93	4.57
07 71 26 00-0038	LF	0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	19.85	4.57

07 71 26 00-0039 Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0001)*

07 71 26 00-0040 Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0039)*

07 71 26 00-0041	LF	24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	16.11	4.57
07 71 26 00-0042	LF	20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	17.34	4.57

07 71 26 00-0043 Copper Counter Flashing With Reglet *(07 71 26 00-0001)*

07 71 26 00-0044 Copper Counter Flashing With Reglet *(07 71 26 00-0043)*

07 71 26 00-0045	LF	16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet	50.54	4.57

07 72 Roof Accessories *(07 70)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13		**Manufactured Curbs** *(07 72)*		
07 72 13 00-0001		Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13)*		
		Note: Includes fasteners and sealants. Excludes flashing. See CSI section 07 62 13 00-0000 for flashinig and trim.		
07 72 13 00-0002		Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0001)*		
		Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.		
07 72 13 00-0003		18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*		
07 72 13 00-0004		9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*		
07 72 13 00-0005	EA	26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	884.53	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*150.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-28.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.38*	
07 72 13 00-0006	EA	26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	899.82	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*153.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-34.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*22.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.27*	
07 72 13 00-0007	EA	26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	973.10	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*165.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-42.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.75*	
07 72 13 00-0008	EA	26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,031.73	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*176.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-56.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*35.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*50.11*	
07 72 13 00-0009	EA	26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,075.05	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*185.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.49*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*131.82*	
07 72 13 00-0010	EA	26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,314.01	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*98.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*229.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.37*	
07 72 13 00-0011	EA	38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	904.92	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*154.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*92.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*129.97*	
07 72 13 00-0012	EA	38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	975.65	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*165.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-54.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*67.07*	
07 72 13 00-0013	EA	38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,008.79	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*172.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*23.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*52.12*	
07 72 13 00-0014	EA	38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,021.53	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*174.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*144.45*	
07 72 13 00-0015	EA	38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,273.24	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*94.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*221.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*174.66*	
07 72 13 00-0016	EA	38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,392.40	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*103.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*242.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*155.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*204.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0017	EA	50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,092.89	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*189.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-69.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.38*	
07 72 13 00-0018	EA	50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,191.68	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*86.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*205.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-83.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*0.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*41.52*	
07 72 13 00-0019	EA	50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,219.71	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*89.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*211.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.49*	
07 72 13 00-0020	EA	50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,338.88	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*97.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*231.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-116.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-23.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.16*	
07 72 13 00-0021	EA	51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,435.11	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*104.12*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*247.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*146.82*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.19*	
07 72 13 00-0022	EA	51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,551.72	341.35
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*112.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*267.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-159.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-30.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.41*	
07 72 13 00-0023	EA	62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,219.71	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*89.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*211.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*93.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*171.16*	
07 72 13 00-0024	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,310.84	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*94.98*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*226.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-121.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-20.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.17*	
07 72 13 00-0025	EA	62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,432.56	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*103.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*247.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-157.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.62*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*2.95*	
07 72 13 00-0026	EA	62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,458.05	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*252.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*37.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*138.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*241.03*	
07 72 13 00-0027	EA	62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,579.76	341.35
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*115.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*273.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-198.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-95.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.66*	

07 72 13 00-0028 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0029	EA	26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	917.66	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*65.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*157.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-28.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.38*	
07 72 13 00-0030	EA	26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	925.31	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*158.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-34.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*22.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.27*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0031	EA	26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	998.59	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*170.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-42.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.75*	
07 72 13 00-0032	EA	26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,064.86	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*183.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-56.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*35.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*50.11*	
07 72 13 00-0033	EA	26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,113.28	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*193.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.49*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*131.82*	
07 72 13 00-0034	EA	26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,344.60	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*101.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*236.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.37*	
07 72 13 00-0035	EA	38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	927.85	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*159.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*92.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*129.97*	
07 72 13 00-0036	EA	38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,044.47	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*179.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-54.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*67.07*	
07 72 13 00-0037	EA	38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,095.44	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*189.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*23.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*52.12*	
07 72 13 00-0038	EA	38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,154.06	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*201.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*144.45*	
07 72 13 00-0039	EA	38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,314.01	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*98.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*229.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*174.66*	
07 72 13 00-0040	EA	38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,443.37	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*108.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*252.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*155.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*204.86*	
07 72 13 00-0041	EA	50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,123.48	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*195.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-69.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.38*	
07 72 13 00-0042	EA	50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,217.16	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.89*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*210.61*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-83.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*0.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*41.52*	
07 72 13 00-0043	EA	50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,257.94	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*218.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.49*	
07 72 13 00-0044	EA	50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,379.65	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*101.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*239.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-116.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-23.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0045	EA	51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,483.54	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*108.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*257.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*146.82*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.19*	
07 72 13 00-0046	EA	51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,607.80	341.35
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*118.11*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*278.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-159.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-30.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.41*	
07 72 13 00-0047	EA	62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,257.94	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*218.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*93.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*171.16*	
07 72 13 00-0048	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,351.62	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*99.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*234.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-121.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-20.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.17*	
07 72 13 00-0049	EA	62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,475.89	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*108.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*255.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-157.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.62*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*2.95*	
07 72 13 00-0050	EA	62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,509.02	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*111.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*262.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*37.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*138.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*241.03*	
07 72 13 00-0051	EA	62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,635.83	341.35
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*120.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*284.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-198.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-95.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.66*	
07 72 13 00-0052		14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*		
07 72 13 00-0053	EA	26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	935.50	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*160.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-28.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.38*	
07 72 13 00-0054	EA	26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	943.15	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*162.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-34.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*22.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.27*	
07 72 13 00-0055	EA	26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,011.34	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*172.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-42.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.75*	
07 72 13 00-0056	EA	26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,085.25	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.99*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*187.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-56.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*35.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*50.11*	
07 72 13 00-0057	EA	26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,141.32	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*84.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*198.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.49*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*131.82*	
07 72 13 00-0058	EA	26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,380.28	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*105.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*243.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0059	EA	38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	943.15	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*162.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*92.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*129.97*	
07 72 13 00-0060	EA	38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,011.34	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*172.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-54.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*67.07*	
07 72 13 00-0061	EA	38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,141.32	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*84.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*198.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*23.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*52.12*	
07 72 13 00-0062	EA	38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,202.49	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*210.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*144.45*	
07 72 13 00-0063	EA	38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,344.60	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*101.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*236.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*174.66*	
07 72 13 00-0064	EA	38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,476.51	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*111.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*259.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*155.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*204.86*	
07 72 13 00-0065	EA	50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,143.87	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*84.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*199.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-69.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.38*	
07 72 13 00-0066	EA	50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,131.11	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*193.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-83.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*0.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*41.52*	
07 72 13 00-0067	EA	50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,283.43	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*223.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.49*	
07 72 13 00-0068	EA	50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,410.24	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*104.92*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*245.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-116.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-23.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.16*	
07 72 13 00-0069	EA	51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,514.12	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*112.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*263.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*146.82*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.19*	
07 72 13 00-0070	EA	51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,643.48	341.35
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*121.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*286.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-159.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-30.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.41*	
07 72 13 00-0071	EA	62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,283.43	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*223.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*93.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*171.16*	
07 72 13 00-0072	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,379.65	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*101.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*239.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-121.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-20.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0073	EA	62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,509.02	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*111.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*262.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-157.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.62*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*2.95*	
07 72 13 00-0074	EA	62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,542.16	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*114.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*269.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-37.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*138.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*241.03*	
07 72 13 00-0075	EA	62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,674.06	341.35
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*124.74*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*292.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-198.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-95.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.66*	
07 72 13 00-0076		14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*		
07 72 13 00-0077		9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*		
07 72 13 00-0078	EA	26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	856.49	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*59.39*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*145.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-28.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.38*	
07 72 13 00-0079	EA	26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	889.62	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*151.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-34.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*22.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.27*	
07 72 13 00-0080	EA	26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,018.98	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.36*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*174.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-42.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.75*	
07 72 13 00-0081	EA	26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,095.44	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*189.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-56.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*35.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*50.11*	
07 72 13 00-0082	EA	26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,151.51	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*200.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.49*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*131.82*	
07 72 13 00-0083	EA	26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,421.06	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*109.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*251.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.37*	
07 72 13 00-0084	EA	38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	950.79	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.82*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*163.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*92.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*129.97*	
07 72 13 00-0085	EA	38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,039.37	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*178.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-54.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*67.07*	
07 72 13 00-0086	EA	38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,064.86	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*183.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*23.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*52.12*	
07 72 13 00-0087	EA	38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,087.80	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.24*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*188.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*144.45*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0088	EA	38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,359.89	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*103.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*239.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*174.66*	
07 72 13 00-0089	EA	38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,494.35	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*262.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*155.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*204.86*	
07 72 13 00-0090	EA	50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,154.06	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*201.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-69.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.38*	
07 72 13 00-0091	EA	50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,255.39	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*218.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-83.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*0.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*41.52*	
07 72 13 00-0092	EA	50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,296.17	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*96.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*226.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.49*	
07 72 13 00-0093	EA	50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,425.53	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*249.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-116.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-23.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.16*	
07 72 13 00-0094	EA	51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,529.41	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*266.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*146.82*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.19*	
07 72 13 00-0095	EA	51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,661.32	341.35
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*123.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*289.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-159.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-30.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.41*	
07 72 13 00-0096	EA	62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,296.17	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*96.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*226.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*93.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*171.16*	
07 72 13 00-0097	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,392.40	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*103.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*242.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-121.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-20.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.17*	
07 72 13 00-0098	EA	62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,524.31	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*265.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-157.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.62*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*2.95*	
07 72 13 00-0099	EA	62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,560.00	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*116.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*272.61*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*37.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*138.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*241.03*	
07 72 13 00-0100	EA	62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,694.45	341.35
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*126.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*296.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-198.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-95.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.66*	

07 72 13 00-0101 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0102	EA	26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	879.43	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*61.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*149.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-28.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.38*	
07 72 13 00-0103	EA	26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	917.66	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*65.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*157.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-34.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*22.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.27*	
07 72 13 00-0104	EA	26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,057.21	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.18*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*181.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-42.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.75*	
07 72 13 00-0105	EA	26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,141.32	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*84.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*198.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-56.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*35.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*50.11*	
07 72 13 00-0106	EA	26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,210.13	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*91.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*212.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.49*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*131.82*	
07 72 13 00-0107	EA	26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,431.25	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*110.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*253.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.37*	
07 72 13 00-0108	EA	38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	983.93	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*170.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*92.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*129.97*	
07 72 13 00-0109	EA	38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,080.15	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.48*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*186.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-54.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*67.07*	
07 72 13 00-0110	EA	38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,113.28	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*193.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*23.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*52.12*	
07 72 13 00-0111	EA	38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,143.87	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*84.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*199.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*144.45*	
07 72 13 00-0112	EA	38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,421.06	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*109.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*251.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*174.66*	
07 72 13 00-0113	EA	38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,568.26	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*120.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*277.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*155.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*204.86*	
07 72 13 00-0114	EA	50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,199.94	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*210.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-69.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.38*	
07 72 13 00-0115	EA	50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,306.37	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*97.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*228.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-83.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*0.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*41.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0116	EA	50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,354.79	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*102.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*238.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.49*	
07 72 13 00-0117	EA	50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,486.70	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*112.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*261.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-116.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-23.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.16*	
07 72 13 00-0118	EA	51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,600.78	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*120.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*280.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*146.82*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.19*	
07 72 13 00-0119	EA	51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,742.88	341.35
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*131.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*305.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-159.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-30.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.41*	
07 72 13 00-0120	EA	62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,354.79	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*102.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*238.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*93.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*171.16*	
07 72 13 00-0121	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,458.66	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*109.76*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*255.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-121.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-20.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.17*	
07 72 13 00-0122	EA	62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,595.68	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*120.18*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*279.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-157.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.62*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*2.95*	
07 72 13 00-0123	EA	62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,633.91	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*124.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*287.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*37.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*138.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*241.03*	
07 72 13 00-0124	EA	62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,781.11	341.35
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*135.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*313.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-198.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-95.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.66*	

07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0126	EA	26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	897.27	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*153.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-28.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.38*	
07 72 13 00-0127	EA	26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	938.05	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*161.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-34.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*22.72*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.27*	
07 72 13 00-0128	EA	26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,080.15	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.48*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*186.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-42.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.75*	
07 72 13 00-0129	EA	26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,171.90	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*87.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*204.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-56.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*35.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*50.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0130	EA	26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,248.36	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*220.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.49*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*131.82*	
07 72 13 00-0131	EA	26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,512.81	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*118.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*269.74*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-94.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-1.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.37*	
07 72 13 00-0132	EA	38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,009.41	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*175.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*92.98*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*129.97*	
07 72 13 00-0133	EA	38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,123.48	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*195.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-54.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*67.07*	
07 72 13 00-0134	EA	38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,169.35	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*87.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*204.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*23.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*52.12*	
07 72 13 00-0135	EA	38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,179.55	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*206.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*144.45*	
07 72 13 00-0136	EA	38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,466.94	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*260.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*174.66*	
07 72 13 00-0137	EA	38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,619.23	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*125.82*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*287.74*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*30.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*155.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*204.86*	
07 72 13 00-0138	EA	50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,230.52	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*216.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-69.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.38*	
07 72 13 00-0139	EA	50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,207.14	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*87.89*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*208.61*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-83.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*0.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*41.52*	
07 72 13 00-0140	EA	50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,393.02	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.48*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*245.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.49*	
07 72 13 00-0141	EA	50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,532.58	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*117.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*270.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-116.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-23.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.16*	
07 72 13 00-0142	EA	51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,646.65	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*125.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*289.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*146.82*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.19*	
07 72 13 00-0143	EA	51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,798.95	341.35
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*137.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*317.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-159.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-30.43*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0144	EA	62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,393.02	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.48*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*245.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*93.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*171.16*	
07 72 13 00-0145	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,504.54	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*114.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*264.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-121.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-20.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.17*	
07 72 13 00-0146	EA	62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,639.01	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*124.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*288.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-157.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-56.62*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*2.95*	
07 72 13 00-0147	EA	62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,684.88	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*129.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*297.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*37.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*138.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*241.03*	
07 72 13 00-0148	EA	62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,837.18	341.35
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*141.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*324.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-198.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-95.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.66*	

07 72 13 00-0149 Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0001)*

Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.

07 72 13 00-0150 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0151	EA	14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	839.85	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*57.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*141.71*	
07 72 13 00-0152	EA	23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	979.55	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*169.65*	
07 72 13 00-0153	EA	32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,122.88	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*195.04*	
07 72 13 00-0154	EA	41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,234.43	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*217.35*	
07 72 13 00-0155	EA	50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,364.94	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*103.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*240.17*	

07 72 13 00-0156 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0157	EA	14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,044.41	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.18*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*182.62*	
07 72 13 00-0158	EA	23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,234.01	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*97.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*220.54*	
07 72 13 00-0159	EA	32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,304.99	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*100.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*231.46*	
07 72 13 00-0160	EA	41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,376.27	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*108.09*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*245.71*	
07 72 13 00-0161	EA	50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,541.71	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*121.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*275.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0162	EA	64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	2,484.45	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*212.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*460.79*	
07 72 13 00-0163		18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*		
07 72 13 00-0164	EA	17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,380.48	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*111.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*249.84*	
07 72 13 00-0165	EA	24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,574.35	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*131.18*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*288.61*	
07 72 13 00-0166	EA	31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,870.22	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*157.48*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*344.50*	
07 72 13 00-0167		High Wind Applications, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0001)*		
07 72 13 00-0168	EA	38-1/2" Square Outside Dimensions, 24" Height, High Wind Applications, Insulated Galvanized Steel, Prefabricated Roof Curb (Greenheck GPF-40-G24)	1,234.69	98.47
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*237.09*	
07 72 13 00-0169	EA	38-1/2" Square Outside Dimensions, 27" Height, High Wind Applications, Insulated Galvanized Steel, Prefabricated Roof Curb (Greenheck GPF-40-G27)	1,315.17	98.47
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*121.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*253.19*	
07 72 13 00-0170		Wood, Prefabricated Roof Curbs *(07 72 13)*		
		Note: Includes Douglas fir construction, galvanized steel corner straps, fasteners, sealants, and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim.		
07 72 13 00-0171		Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0170)*		
07 72 13 00-0172		2 x 6 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0171)*		
07 72 13 00-0173	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	691.60	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*42.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*112.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-28.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.38*	
07 72 13 00-0174	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	769.57	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*124.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-42.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.75*	
07 72 13 00-0175	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	822.99	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*52.76*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*135.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.49*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*131.82*	
07 72 13 00-0176	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	816.83	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*52.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*133.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*23.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*52.12*	
07 72 13 00-0177	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	831.21	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*53.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*136.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*144.45*	
07 72 13 00-0178	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	931.79	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.36*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*153.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*174.66*	
07 72 13 00-0179	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	827.10	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*53.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*135.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-69.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0180	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	950.29	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*157.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.49*	
07 72 13 00-0181	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,081.58	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*176.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*146.82*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.19*	
07 72 13 00-0182	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	913.30	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*58.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*149.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*93.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*171.16*	
07 72 13 00-0183	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,003.60	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.26*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*164.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-121.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-20.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.17*	
07 72 13 00-0184	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,122.67	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.88*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*185.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*37.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*138.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*241.03*	
07 72 13 00-0185		2 x 8 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0171)*		
07 72 13 00-0186	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	703.93	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*114.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-28.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.38*	
07 72 13 00-0187	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	783.95	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*48.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*127.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-42.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.75*	
07 72 13 00-0188	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	862.03	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*56.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*142.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.49*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*131.82*	
07 72 13 00-0189	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	841.49	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*54.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*138.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*23.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*52.12*	
07 72 13 00-0190	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	862.03	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*56.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*142.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*144.45*	
07 72 13 00-0191	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	962.62	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*159.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*174.66*	
07 72 13 00-0192	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	849.70	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*55.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*140.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-69.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.38*	
07 72 13 00-0193	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	979.05	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*65.08*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*162.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0194	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,110.34	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*182.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*146.82*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.19*	
07 72 13 00-0195	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	935.90	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*154.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*93.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*171.16*	
07 72 13 00-0196	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,030.31	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*169.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-121.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-20.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.17*	
07 72 13 00-0197	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,151.44	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.76*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*190.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*37.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*138.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*241.03*	
07 72 13 00-0198		**2 x 10 Wood Framed, Prefabricated Roof Curbs** *(07 72 13 00-0171)*		
07 72 13 00-0199	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	712.15	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*116.17*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-28.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.38*	
07 72 13 00-0200	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	798.33	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*50.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*130.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-42.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.75*	
07 72 13 00-0201	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	866.14	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*57.07*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*143.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.49*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*131.82*	
07 72 13 00-0202	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	855.87	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*56.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*141.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*23.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*52.12*	
07 72 13 00-0203	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	880.53	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*58.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*146.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*144.45*	
07 72 13 00-0204	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	983.16	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*65.49*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*163.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*174.66*	
07 72 13 00-0205	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	864.09	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*56.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*143.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-69.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.38*	
07 72 13 00-0206	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	997.55	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*166.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.49*	
07 72 13 00-0207	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,128.84	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*186.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*146.82*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.19*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0208	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	950.29	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*157.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*93.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*171.16*	
07 72 13 00-0209	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,046.75	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*173.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-121.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-20.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.17*	
07 72 13 00-0210	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,171.99	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*195.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*37.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*138.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*241.03*	
07 72 13 00-0211		2 x 12 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0171)*		
07 72 13 00-0212	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	722.42	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.98*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*118.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-28.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.38*	
07 72 13 00-0213	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	806.55	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*51.12*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*131.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-42.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.75*	
07 72 13 00-0214	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	884.64	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*58.92*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*147.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.49*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*131.82*	
07 72 13 00-0215	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	901.07	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*150.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*144.45*	
07 72 13 00-0216	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,005.77	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*168.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*174.66*	
07 72 13 00-0217	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	882.58	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*58.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*146.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-69.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.38*	
07 72 13 00-0218	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,018.09	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.99*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*170.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.49*	
07 72 13 00-0219	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,153.49	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*191.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*146.82*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.19*	
07 72 13 00-0220	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,063.19	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*176.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-121.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-20.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.17*	
07 72 13 00-0221		Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0170)*		
07 72 13 00-0222		2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0221)*		
07 72 13 00-0223	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	708.04	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*115.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-28.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0224	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	783.95	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*48.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*127.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-42.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.75*	
07 72 13 00-0225	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	849.70	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*55.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*140.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.49*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*131.82*	
07 72 13 00-0226	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	835.32	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*53.99*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*137.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*23.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*52.12*	
07 72 13 00-0227	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	853.81	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*55.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*141.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*144.45*	
07 72 13 00-0228	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	956.45	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.82*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*158.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*174.66*	
07 72 13 00-0229	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	845.60	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*55.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*139.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-69.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.38*	
07 72 13 00-0230	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	972.89	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*161.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.49*	
07 72 13 00-0231	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,104.18	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*181.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*146.82*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.19*	
07 72 13 00-0232	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	937.96	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*154.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*93.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*171.16*	
07 72 13 00-0233	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,026.20	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*169.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-121.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-20.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.17*	
07 72 13 00-0234	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,151.44	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.76*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*190.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*37.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*138.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*241.03*	

07 72 13 00-0235 2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0221)*

07 72 13 00-0236	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	722.42	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.98*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*118.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-28.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.38*	
07 72 13 00-0237	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	800.39	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*50.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*130.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-42.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0238	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	874.36	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*57.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*145.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.49*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*131.82*	
07 72 13 00-0239	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	859.98	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*56.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*142.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*23.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*52.12*	
07 72 13 00-0240	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	886.69	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*59.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*147.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*144.45*	
07 72 13 00-0241	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	993.44	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*165.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*174.66*	
07 72 13 00-0242	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	874.36	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*57.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*145.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-69.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.38*	
07 72 13 00-0243	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,007.82	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.96*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*168.74*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.49*	
07 72 13 00-0244	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,143.22	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*189.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*146.82*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.19*	
07 72 13 00-0245	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	964.67	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*160.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*93.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*171.16*	
07 72 13 00-0246	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,057.02	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*175.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-121.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-20.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.17*	
07 72 13 00-0247	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,186.37	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*197.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*37.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*138.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*241.03*	

07 72 13 00-0248 2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0221)*

07 72 13 00-0249	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	734.75	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.22*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*120.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-28.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.38*	
07 72 13 00-0250	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	816.83	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*52.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*133.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-42.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.75*	
07 72 13 00-0251	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	899.02	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.36*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*150.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.49*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*131.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0252	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	878.47	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*58.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*146.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*23.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*52.12*	
07 72 13 00-0253	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	911.35	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*61.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*152.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*144.45*	
07 72 13 00-0254	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,020.15	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.19*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*171.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*174.66*	
07 72 13 00-0255	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	892.86	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*59.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*149.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-69.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.38*	
07 72 13 00-0256	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,030.42	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.22*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*173.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.49*	
07 72 13 00-0257	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,167.88	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*194.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*146.82*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.19*	
07 72 13 00-0258	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	985.22	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*65.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*164.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*93.08*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*171.16*	
07 72 13 00-0259	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,079.63	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*179.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-121.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-20.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.17*	
07 72 13 00-0260	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,213.08	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.92*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*203.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*37.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*138.29*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*241.03*	
07 72 13 00-0261		2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0221)*		
07 72 13 00-0262	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	759.41	210.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*49.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*125.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-28.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*37.38*	
07 72 13 00-0263	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	829.16	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*53.38*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*136.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-42.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.75*	
07 72 13 00-0264	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	917.51	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*153.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.49*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*131.82*	
07 72 13 00-0265	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	931.90	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*156.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.74*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*144.45*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0266	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,098.23	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*186.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*24.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*133.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*174.66*	
07 72 13 00-0267	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	952.44	236.32
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*65.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*160.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-69.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*20.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.38*	
07 72 13 00-0268	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,102.34	262.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*187.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-27.36*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.49*	
07 72 13 00-0269	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,250.07	315.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*210.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*146.82*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*198.19*	
07 72 13 00-0270	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,155.65	288.84
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*195.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-121.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-20.53*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*43.17*	

07 72 13 00-0271 Penetration Seals (ChemLink) *(07 72 13)*

07 72 13 00-0272 ChemCurb Penetration Seals (ChemLink ChemCurb) *(07 72 13 00-0271)*

07 72 13 00-0273	EA	5" Inside Diameter Penetration Seals (ChemLink ChemCurb System) Note: Includes 5-inch inside diameter round ChemCurb, M-1® structural adhesive/sealant, and 1-part pourable sealant	117.25
07 72 13 00-0274	EA	7-1/2" Inside Diameter Penetration Seals (ChemLink ChemCurb System) Note: Includes 7.5-inch inside diameter round ChemCurb, M-1® structural adhesive/sealant, and 1-part pourable sealant	192.94

07 72 13 00-0275 E-Curb Penetration Seals (ChemLink E-Curb) *(07 72 13 00-0271)*

07 72 13 00-0276	EA	3" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 3-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant	52.92
07 72 13 00-0277	EA	4" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 4-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant	65.53
07 72 13 00-0278	EA	5" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 5-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant	87.63
07 72 13 00-0279	EA	6" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 6-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant	92.37
07 72 13 00-0280	EA	9" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 9-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant	125.73

07 72 13 00-0281 ChemCurb And E-Curb Penetration Seals Accessories *(07 72 13 00-0271)*

07 72 13 00-0282	EA	5" Long ChemCurb Straight Piece For Penetration Seals (ChemLink) Note: For use with ChemCurb seals too make oval/rectangular curbs.	41.13
07 72 13 00-0283	EA	12" Long ChemCurb Straight Piece For Penetration Seals (ChemLink) Note: For use with ChemCurb seals too make oval/rectangular curbs.	45.98
07 72 13 00-0284	EA	8" Long E-Curb Straight Piece For Penetration Seals (ChemLink) Note: For use with E-Curb seals too make rectangular or "L" shaped curbs.	17.72
07 72 13 00-0285	EA	1/2 Gallon, 1-Part Pourable Penetration Sealant (ChemLink SS-Chem-F1426) Note: For use with ChemCurb and E-Curb seals.	74.16
07 72 13 00-0286	EA	10.1 oz, M-1 Structural Adhesive/Sealant (ChemLink SS-Chem-F1270) Note: For use with ChemCurb and E-Curb seals.	22.07

07 72 23 Relief Vents *(07 72)*

07 72 23 00-0001 Wind Driven Turbine Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

07 72 23 00-0002 Galvanized Steel, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0003	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	163.25	30.24
		For Curb Or Flange Base, Add	*178.65*	
07 72 23 00-0004	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	196.41	33.49
		For Curb Or Flange Base, Add	*196.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0005	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	211.22	39.97
		For Curb Or Flange Base, Add	*217.38*	
07 72 23 00-0006	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	412.43	44.29
		For Curb Or Flange Base, Add	*355.85*	
07 72 23 00-0007	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	570.40	49.69
		For Curb Or Flange Base, Add	*384.99*	
07 72 23 00-0008	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	689.51	54.00
		For Curb Or Flange Base, Add	*418.05*	
07 72 23 00-0009	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	882.43	60.48
		For Curb Or Flange Base, Add	*513.49*	
07 72 23 00-0010	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	1,461.68	81.01
		For Curb Or Flange Base, Add	*847.44*	

07 72 23 00-0011 Mill Finish Aluminum, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0012	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	154.98	30.24
		For Curb Or Flange Base, Add	*182.72*	
07 72 23 00-0013	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	193.87	33.49
		For Curb Or Flange Base, Add	*201.02*	
07 72 23 00-0014	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	216.65	39.97
		For Curb Or Flange Base, Add	*222.12*	
07 72 23 00-0015	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	390.96	44.29
		For Curb Or Flange Base, Add	*386.98*	
07 72 23 00-0016	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	505.90	49.69
		For Curb Or Flange Base, Add	*412.94*	
07 72 23 00-0017	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	641.70	54.00
		For Curb Or Flange Base, Add	*466.02*	
07 72 23 00-0018	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	868.68	60.48
		For Curb Or Flange Base, Add	*564.13*	
07 72 23 00-0019	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	1,295.61	81.01
		For Curb Or Flange Base, Add	*850.99*	

07 72 23 00-0020 Stationary Siphon Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

07 72 23 00-0021 Galvanized Steel, Stationary Siphon Ventilators *(07 72 23 00-0020)*

07 72 23 00-0022	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	136.89	30.24
		For Curb Or Flange Base, Add	*178.65*	
07 72 23 00-0023	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	181.34	33.49
		For Curb Or Flange Base, Add	*196.11*	
07 72 23 00-0024	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	198.86	39.97
		For Curb Or Flange Base, Add	*217.38*	
07 72 23 00-0025	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	344.80	44.29
		For Curb Or Flange Base, Add	*355.85*	
07 72 23 00-0026	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	399.23	49.69
		For Curb Or Flange Base, Add	*384.99*	
07 72 23 00-0027	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	568.54	54.00
		For Curb Or Flange Base, Add	*418.05*	
07 72 23 00-0028	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	742.23	60.48
		For Curb Or Flange Base, Add	*513.49*	
07 72 23 00-0029	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	1,077.08	81.01
		For Curb Or Flange Base, Add	*847.44*	

07 72 23 00-0030 Mill Finish Aluminum, Stationary Siphon Ventilators *(07 72 23 00-0020)*

07 72 23 00-0031	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	148.77	30.24
		For Curb Or Flange Base, Add	*182.72*	
07 72 23 00-0032	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	197.58	33.49
		For Curb Or Flange Base, Add	*201.02*	
07 72 23 00-0033	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	219.77	39.97
		For Curb Or Flange Base, Add	*222.12*	
07 72 23 00-0034	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	361.73	44.29
		For Curb Or Flange Base, Add	*386.98*	
07 72 23 00-0035	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	456.24	49.69
		For Curb Or Flange Base, Add	*412.94*	
07 72 23 00-0036	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	560.98	54.00
		For Curb Or Flange Base, Add	*466.02*	
07 72 23 00-0037	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	806.62	60.48
		For Curb Or Flange Base, Add	*564.13*	
07 72 23 00-0038	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	1,216.28	81.01
		For Curb Or Flange Base, Add	*850.99*	

07 72 23 00-0039 Spun Aluminum, Stationary Mushroom Gravity Ventilators *(07 72 23)*

Note: Includes flange base and bird screen. Excludes curb.

07 72 23 00-0040	EA	8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	298.57	48.60
		For Backdraft Damper, Add	*168.58*	
		For Curb Base, Add	*239.05*	
07 72 23 00-0041	EA	10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	371.03	54.00
		For Backdraft Damper, Add	*184.44*	
		For Curb Base, Add	*261.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0042	EA	12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	417.86	64.81
		For Backdraft Damper, Add	*251.87*	
		For Curb Base, Add	*332.26*	
07 72 23 00-0043	EA	16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	513.40	71.29
		For Backdraft Damper, Add	*287.57*	
		For Curb Base, Add	*385.92*	
07 72 23 00-0044	EA	24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,411.16	97.22
		For Backdraft Damper, Add	*360.95*	
		For Curb Base, Add	*507.32*	
07 72 23 00-0045	EA	30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,726.61	112.33
		For Backdraft Damper, Add	*426.40*	
		For Curb Base, Add	*607.38*	
07 72 23 00-0046	EA	36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	2,364.80	129.61
		For Backdraft Damper, Add	*426.40*	
		For Curb Base, Add	*628.82*	
07 72 23 00-0047	EA	42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	3,345.73	140.42
		For Backdraft Damper, Add	*446.23*	
		For Curb Base, Add	*650.16*	
07 72 23 00-0048	EA	48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	4,840.34	151.22
		For Backdraft Damper, Add	*495.81*	
		For Curb Base, Add	*732.97*	

07 72 23 00-0049 Galvanized Steel, Stationary Gooseneck Ventilators *(07 72 23)*

Note: Includes flange base and bird screen. Excludes curb.

07 72 23 00-0050	EA	8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	576.21	54.00
07 72 23 00-0051	EA	12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	671.41	71.29
07 72 23 00-0052	EA	16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	969.77	97.22
07 72 23 00-0053	EA	24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	1,526.70	112.33

07 72 26 Ridge Vents *(07 72)*

07 72 26 00-0001 Aluminum Ridge Vents *(07 72 26)*

07 72 26 00-0002	LF	Aluminum Ridge Vent Strips	14.09	3.14
07 72 26 00-0003	EA	Aluminum Ridge Univent Connectors	51.04	19.48
07 72 26 00-0004	EA	Aluminum Ridge Univent End Cap	46.73	19.48

07 72 26 00-0005 Galvanized Ridge Vents *(07 72 26)*

07 72 26 00-0006	LF	Galvanized Sheet Metal Ridge Vent Strips	13.94	3.35

07 72 29 Rafter Vent *(07 72)*

07 72 29 00-0001 Rafter Vent *(07 72 29)*

Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.

07 72 29 00-0002	EA	22" x 4' Rafter Vent	9.69	
07 72 29 00-0003	EA	14" x 4' Rafter Vent	8.66	

07 72 33 Roof Hatches *(07 72)*

Note: Includes curb with integral insulation, lockable hatch and gaskets.

07 72 33 00-0001 Galvanized Steel Cover And Curb *(07 72 33)*

07 72 33 00-0002	EA	2'-6" x 3'-0" Galvanized Steel Roof Hatch (Bilco S-20)	1,246.00	142.16
07 72 33 00-0003	EA	2'-6" x 4'-6" Galvanized Steel Roof Hatch (Bilco NB-20)	1,835.20	157.96
07 72 33 00-0004	EA	2'-6" x 8'-0" Galvanized Steel Roof Hatch (Bilco L-20)	3,249.13	215.42
07 72 33 00-0005	EA	3'-0" x 3'-0" Galvanized Steel Roof Hatch (Bilco E-20)	1,810.01	157.96
07 72 33 00-0006	EA	4'-0" x 4'-0" Galvanized Steel Roof Hatch	2,043.03	175.54
07 72 33 00-0007	EA	3'-0" x 8'-0" Galvanized Steel Roof Hatch	3,358.13	239.40

07 72 33 00-0008 Aluminum Cover And Curb *(07 72 33)*

07 72 33 00-0009	EA	2'-6" x 3'-0" Aluminum Roof Hatch (Bilco S-50)	1,248.17	142.16
07 72 33 00-0010	EA	2'-6" x 4'-6" Aluminum Roof Hatch (Bilco NB-50)	1,628.84	157.96
07 72 33 00-0011	EA	2'-6" x 8'-0" Aluminum Roof Hatch (Bilco L-50)	2,978.05	215.42
07 72 33 00-0012	EA	3'-0" x 3'-0" Aluminum Roof Hatch (Bilco E-50)	1,595.61	157.96
07 72 33 00-0013	EA	4'-0" x 4'-0" Aluminum Roof Hatch (Bilco F-50)	2,868.39	175.54
07 72 33 00-0014	EA	3'-0" x 8'-0" Aluminum Roof Hatch	3,140.81	239.40
07 72 33 00-0015	EA	3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight (Bilco GS-50)	1,794.65	157.96

07 72 33 00-0016 Steel, Plain, Primed *(07 72 33)*

07 72 33 00-0017	EA	2'-6" x 3'-0" Plain Steel Roof Hatch Primed (Bilco S-20)	1,194.06	142.16
07 72 33 00-0018	EA	2'-6" x 4'-6" Plain Steel Roof Hatch Primed (Bilco NB-20)	1,619.44	157.96
07 72 33 00-0019	EA	2'-6" x 8'-0" Plain Steel Roof Hatch Primed (Bilco L-20)	2,218.68	215.42
07 72 33 00-0020	EA	3'-0" x 3'-0" Plain Steel Roof Hatch Primed (Bilco E-20)	1,503.28	157.96
07 72 33 00-0021	EA	4'-0" x 4'-0" Plain Steel Roof Hatch Primed	1,845.15	175.54
07 72 33 00-0022	EA	3'-0" x 8'-0" Plain Steel Roof Hatch Primed	2,507.21	239.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 33 00-0023		**Stainless Steel** *(07 72 33)*		
07 72 33 00-0024	EA	2'-6" x 3'-0" Stainless Steel Roof Hatch (Bilco S-90)	2,886.02	142.16
07 72 33 00-0025	EA	2'-6" x 4'-6" Stainless Steel Roof Hatch (Bilco NB-90)	5,558.63	157.96
07 72 33 00-0026	EA	2'-6" x 8'-0" Stainless Steel Roof Hatch (Bilco L-90)	8,365.92	215.42
07 72 33 00-0027	EA	3'-0" x 3'-0" Stainless Steel Roof Hatch (Bilco E-90)	4,454.84	157.96
07 72 33 00-0028	EA	4'-0" x 4'-0" Stainless Steel Roof Hatch	9,461.64	175.54
07 72 33 00-0029	EA	3'-0" x 8'-0" Stainless Steel Roof Hatch	10,585.42	239.40
07 72 33 00-0030		**Removal And Reinstallation Of Roof Hatch** *(07 72 33)* Note: Includes storage, cleaning and supply materials.		
07 72 33 00-0031	EA	Removal And Reinstallation Of Roof Hatch (All Types)	437.28	
07 72 33 00-0032		**Aluminum Cover And Galvanized Steel Curb** *(07 72 33)*		
07 72 33 00-0033	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof (Bilco S-40)	1,207.98	157.96
07 72 33 00-0034	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof (Bilco NB-40)	1,588.66	175.54
07 72 33 00-0035	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof (Bilco L-40)	2,873.58	239.31
07 72 33 00-0036	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof (Bilco E-40)	1,563.47	162.89
07 72 33 00-0037	EA	Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof (Bilco F-40)	2,779.99	180.47
07 72 33 00-0038		**Roof Hatch Accessories** *(07 72 33)*		
07 72 33 00-0039	EA	Roof Hatch Ladderup Safety Post (Bilco LU-1)	779.45	74.05
07 72 33 00-0040		**Roof Hatch Safety Railing** *(07 72 33)* Note: Included mounting bracket to attach to roof hatch		
07 72 33 00-0041	EA	24" x 24" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-24x24)	1,911.36	
07 72 33 00-0042	EA	24" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-24x36)	1,983.76	
07 72 33 00-0043	EA	30" x 30" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-30x30)	2,034.66	
07 72 33 00-0044	EA	30" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-30x36)	2,215.88	
07 72 33 00-0045	EA	36" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-36x36)	2,424.85	
07 72 33 00-0046	EA	48" x 48" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-48x48)	3,110.58	
07 72 36		**Smoke Vents** *(07 72)*		
07 72 36 00-0001		**Fire Vent** *(07 72 36)*		
07 72 36 00-0002		**Galvanized Steel Covers And Curb** *(07 72 36 00-0001)*		
07 72 36 00-0003	EA	4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848)	3,284.53	131.70
07 72 36 00-0004	EA	4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872)	3,774.15	181.06
07 72 36 00-0005	EA	4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890)	4,303.45	197.55
07 72 36 00-0006	EA	4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896)	4,387.53	207.43
07 72 36 00-0007	EA	5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060)	5,100.02	181.06
07 72 36 00-0008	EA	5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072)	5,421.53	197.55
07 72 36 00-0009	EA	5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084)	5,723.25	214.04
07 72 36 00-0010	EA	5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096)	6,519.70	230.52
07 72 36 00-0011	EA	5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120)	8,097.81	246.91
07 72 36 00-0012	EA	5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666)	5,416.52	214.04
07 72 36 00-0013	EA	5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114)	11,427.27	263.40
07 72 36 00-0014	EA	6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272)	6,237.55	279.89
07 72 36 00-0015		**Aluminum Covers And Galvanized Steel Curb** *(07 72 36 00-0001)*		
07 72 36 00-0016	EA	4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4848A)	2,801.31	131.70
07 72 36 00-0017	EA	4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4872A)	3,204.86	181.06
07 72 36 00-0018	EA	4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4890A)	3,607.26	197.55
07 72 36 00-0019	EA	4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4896A)	3,734.59	207.43
07 72 36 00-0020	EA	5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6060A)	3,630.80	181.06
07 72 36 00-0021	EA	5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6072A)	4,643.98	197.55
07 72 36 00-0022	EA	5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6084A)	4,966.00	214.04
07 72 36 00-0023	EA	5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6096A)	4,829.95	230.52
07 72 36 00-0024	EA	5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-60120A)	6,799.49	246.91
07 72 36 00-0025	EA	5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6666A)	4,684.72	214.04
07 72 36 00-0026	EA	5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-66144A)	8,929.77	263.40
07 72 36 00-0027	EA	6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-7272A)	4,582.54	279.89
07 72 36 00-0028		**Aluminum Covers And Curb** *(07 72 36 00-0001)*		
07 72 36 00-0029	EA	4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848B)	3,058.48	131.70
07 72 36 00-0030	EA	4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872B)	3,630.80	181.06
07 72 36 00-0031	EA	4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890B)	3,984.98	197.55
07 72 36 00-0032	EA	4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896B)	4,216.79	207.43
07 72 36 00-0033	EA	5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060B)	3,823.68	181.06
07 72 36 00-0034	EA	5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072B)	4,844.90	197.55
07 72 36 00-0035	EA	5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084B)	5,142.81	214.04
07 72 36 00-0036	EA	5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096B)	5,312.15	230.52
07 72 36 00-0037	EA	5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120B)	6,453.92	246.91

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 36 00-0038	EA	5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666B)	4,909.75	214.04
07 72 36 00-0039	EA	5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114B)	9,757.54	263.40
07 72 36 00-0040	EA	6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272B)	5,064.73	279.89
07 72 36 00-0041		Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb *(07 72 36)*		
07 72 36 00-0042	EA	4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4848B)	3,026.33	131.31
07 72 36 00-0043	EA	4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4872B)	3,831.70	181.06
07 72 36 00-0044	EA	4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4896B)	4,048.01	207.43
07 72 36 00-0045	EA	5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6060B)	4,354.09	181.06
07 72 36 00-0046	EA	5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6096B)	4,588.86	230.52

07 72 46 Roof Walkways *(07 72)*

07 72 46 00-0001		Recycled Rubber Walkway Pads *(07 72 46)*		
07 72 46 00-0002	SF	3/8" Thick, Button Surface, Recycled Rubber Walkway Pad	11.16	2.50
		For Diamond Surface, Add	*1.05*	
07 72 46 00-0003	SF	1/2" Thick, Button Surface, Recycled Rubber Walkway Pad	12.49	3.00
		For Diamond Surface, Add	*1.23*	
07 72 46 00-0004	SF	3/4" Thick, Button Surface, Recycled Rubber Walkway Pad	13.81	3.00
		For Diamond Surface, Add	*1.37*	

07 72 63 Waste Containment Assemblies *(07 72)*

07 72 63 00-0001		Rooftop Oil And Grease Containment System *(07 72 63)*		
07 72 63 00-0002		Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) *(07 72 63 00-0001)*		
07 72 63 00-0003	EA	48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E)	2,913.12	205.41
07 72 63 00-0004	EA	60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E)	3,264.82	205.41
07 72 63 00-0005	EA	60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E)	4,019.22	213.63
07 72 63 00-0006	EA	72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E)	3,999.11	213.63
07 72 63 00-0007	EA	72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E)	5,241.59	231.09
07 72 63 00-0008	EA	72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E)	4,070.58	231.09
07 72 63 00-0009	EA	90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E)	4,530.67	273.81
07 72 63 00-0010	EA	108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E)	6,696.13	342.32
07 72 63 00-0011	EA	120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E)	8,344.59	342.32
07 72 63 00-0012	EA	144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E)	10,606.18	342.32
07 72 63 00-0013		Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) *(07 72 63 00-0001)*		
07 72 63 00-0014	EA	48" Length, 48" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100)	3,601.55	205.41
07 72 63 00-0015	EA	60" Length, 60" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101)	4,058.91	205.41
07 72 63 00-0016	EA	60" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106)	5,029.40	213.63
07 72 63 00-0017	EA	72" Length, 72" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102)	5,119.89	213.63
07 72 63 00-0018	EA	72" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103)	7,337.34	231.09
07 72 63 00-0019	EA	72" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111)	8,056.03	231.09
07 72 63 00-0020	EA	90" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105)	7,465.72	273.81
07 72 63 00-0021	EA	108" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112)	8,394.84	342.32
07 72 63 00-0022	EA	120" Length, 120" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107)	10,540.84	342.32
07 72 63 00-0023	EA	144" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113)	13,480.92	342.32

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63 00-0024		Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63)* Note: Includes removing old filters and installing new filters.		
07 72 63 00-0025		Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*		
07 72 63 00-0026		Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0025)*		
07 72 63 00-0027	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E)	241.99	
07 72 63 00-0028	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E)	342.52	
07 72 63 00-0029	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E)	493.28	
07 72 63 00-0030	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E)	453.31	
07 72 63 00-0031	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E)	855.37	
07 72 63 00-0032	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E)	865.41	
07 72 63 00-0033	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E)	664.61	
07 72 63 00-0034	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E)	865.64	
07 72 63 00-0035	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E)	1,272.73	
07 72 63 00-0036	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E)	1,679.82	
07 72 63 00-0037		Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*		
07 72 63 00-0038		Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*		
07 72 63 00-0039	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC)	508.69	
07 72 63 00-0040	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC)	679.58	
07 72 63 00-0041	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC)	991.18	
07 72 63 00-0042	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC)	921.03	
07 72 63 00-0043	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC)	1,780.43	
07 72 63 00-0044	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC)	1,790.47	
07 72 63 00-0045	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC)	1,323.31	
07 72 63 00-0046	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC)	1,790.71	
07 72 63 00-0047	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC)	2,630.01	
07 72 63 00-0048	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC)	3,504.50	
07 72 63 00-0049		Heavy Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*		
07 72 63 00-0050	SET	48" Length, 48" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C)	634.34	
07 72 63 00-0051	SET	60" Length, 60" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C)	790.15	
07 72 63 00-0052	SET	60" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C)	1,162.04	
07 72 63 00-0053	SET	72" Length, 72" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C)	1,096.93	
07 72 63 00-0054	SET	72" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C)	2,147.31	
07 72 63 00-0055	SET	72" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C)	2,137.27	
07 72 63 00-0056	SET	90" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C)	1,554.51	
07 72 63 00-0057	SET	108" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C)	2,157.59	
07 72 63 00-0058	SET	120" Length, 120" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C)	3,032.08	
07 72 63 00-0059	SET	144" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C)	4,223.19	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 73 Roof Protection Board *(07 70)*

07 73 00 00-0001 Roof Protection Board *(07 73)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.

07 73 00 00-0002 Cold Adhesive Applied, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

07 73 00 00-0003	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	3.67	0.51
		For No Adhesive, Deduct	*-0.86*	
07 73 00 00-0004	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	4.15	0.56
		For No Adhesive, Deduct	*-0.88*	
07 73 00 00-0005	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	4.36	0.61
		For No Adhesive, Deduct	*-0.89*	
07 73 00 00-0006	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	3.72	0.51
		For No Adhesive, Deduct	*-0.86*	
07 73 00 00-0007	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	4.23	0.56
		For No Adhesive, Deduct	*-0.88*	
07 73 00 00-0008	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	4.45	0.61
		For No Adhesive, Deduct	*-0.89*	

07 73 00 00-0009 Hot-Mopped, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

07 73 00 00-0010	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	3.50	0.51
07 73 00 00-0011	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	4.00	0.56
07 73 00 00-0012	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	4.24	0.61
07 73 00 00-0013	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	3.55	0.51
07 73 00 00-0014	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	4.08	0.56
07 73 00 00-0015	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	4.32	0.61

07 73 00 00-0016 Mechanically Fastened, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

Note: Mechanically fastened to wood or steel.

07 73 00 00-0017	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	3.34	0.51
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.39*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.23*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 73 00 00-0018	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	3.82	0.56
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.30*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 73 00 00-0019	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	4.03	0.61
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 73 00 00-0020	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	3.39	0.51
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.39*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.23*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 73 00 00-0021	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	3.90	0.56
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.30*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	
07 73 00 00-0022	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	4.12	0.61
		For Mechanically Fastened To Concrete, Add	*1.38*	
		For Mechanically Fastened To Gypsum, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.54*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.81*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.09*	

07 76 Roof Pavers *(07 70)*

07 76 16 Roof Decking Pavers *(07 76)*

07 76 16 00-0001 Roof Pavers *(07 76 16)*
Note: For walkway application over roofing system.

07 76 16 00-0002	SF	Up To 100 SF, 2" Concrete Roof Paver	11.98	6.49
		For 1-1/2" Thickness, Deduct	*-1.20*	
		For 2-1/2" Thickness, Add	*1.37*	
		For 3" Thickness, Add	*2.75*	
07 76 16 00-0003	SF	>100 To 200 SF, 2" Concrete Roof Paver	10.80	4.90
		For 1-1/2" Thickness, Deduct	*-1.08*	
		For 2-1/2" Thickness, Add	*1.25*	
		For 3" Thickness, Add	*2.49*	
07 76 16 00-0004	SF	>200 To 400 SF, 2" Concrete Roof Paver	10.11	3.90
		For 1-1/2" Thickness, Deduct	*-1.01*	
		For 2-1/2" Thickness, Add	*1.17*	
		For 3" Thickness, Add	*2.33*	
07 76 16 00-0005	SF	>400 To 1,000 SF, 2" Concrete Roof Paver	9.68	3.40
		For 1-1/2" Thickness, Deduct	*-0.97*	
		For 2-1/2" Thickness, Add	*1.12*	
		For 3" Thickness, Add	*2.23*	
07 76 16 00-0006	SF	>1,000 SF, 2" Concrete Roof Paver	9.15	3.09
		For 1-1/2" Thickness, Deduct	*-0.92*	
		For 2-1/2" Thickness, Add	*1.05*	
		For 3" Thickness, Add	*2.11*	

07 76 16 00-0007 Roof Paver Pedestal *(07 76 16)*

07 76 16 00-0008	EA	2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator)	23.99	1.02
07 76 16 00-0009	EA	3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator)	25.02	1.02
07 76 16 00-0010	EA	4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator)	26.05	1.02
07 76 16 00-0011	EA	Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator)	13.47	1.02
07 76 16 00-0012	EA	Stay Bar, Used With Roof Paver Pedestals >16' High (Hanover Elevator)	11.57	1.02
07 76 16 00-0013	EA	5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal) Note: Stackable.	11.87	1.02
07 76 16 00-0014	EA	1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal Note: Used with High Tab and Elevator pedestals.	6.73	1.02
07 76 16 00-0015	EA	Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator) Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.	8.70	1.02

07 76 16 00-0016 Roof Paver *(07 76 16)*
Note: For walkway application over roofing system.

07 76 16 00-0017	EA	2" Thick, 48" x 48" Nominal, Reinforced Precast Concrete Pavers Note: Custom color and finish to match existing	840.53	

07 76 19 Composite Insulation Concrete Protection Board *(07 76)*
Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0001 Composite Insulation Concrete Protection Board *(07 76 19)*
Note: Manufactured by T. Clear Corp. 25 year warranty.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 76 19 00-0002	SF	2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	5.61	
		For 20 Year Warranty, Deduct	*-0.35*	
		For 15 Year Warranty, Deduct	*-0.70*	
		For 10 Year Warranty, Deduct	*-0.94*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0003	SF	3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	7.36	
		For 20 Year Warranty, Deduct	*-0.49*	
		For 15 Year Warranty, Deduct	*-0.99*	
		For 10 Year Warranty, Deduct	*-1.34*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0004	SF	2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	8.65	
		For 20 Year Warranty, Deduct	*-0.57*	
		For 15 Year Warranty, Deduct	*-1.15*	
		For 10 Year Warranty, Deduct	*-1.56*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0005	SF	3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	10.48	
		For 20 Year Warranty, Deduct	*-0.72*	
		For 15 Year Warranty, Deduct	*-1.44*	
		For 10 Year Warranty, Deduct	*-1.95*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	

07 80 Fire and Smoke Protection *(07)*

07 81 Applied Fireproofing *(07 80)*

Note: Includes bonding agents as required.

07 81 16 Cementitious Fireproofing *(07 81)*

07 81 16 00-0001 Monokote Fireproofing *(07 81 16)*

07 81 16 00-0002	SF	Monokote Fireproofing For Ceiling/Decking, Per Inch Of Thickness	2.15	0.72
07 81 16 00-0003	SF	Monokote Fireproofing For Structural Steel, Per Inch Of Thickness	2.96	1.08

07 81 16 00-0004 Gunite Fireproofing *(07 81 16)*

07 81 16 00-0005	SF	1" Thick, Non Reinforced, Gunite Fireproofing	3.30	0.64
07 81 16 00-0006	SF	1" Thick, Reinforced, Gunite Fireproofing	4.78	0.64

07 81 23 Intumescent Fireproofing *(07 81)*

07 81 23 00-0001 Intumescent Thin Film Fireproofing (Albi Clad TF) *(07 81 23)*

07 81 23 00-0002 Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0003	SF	1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	16.47	
		For >10,000, Deduct	*-1.59*	
07 81 23 00-0004	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	26.63	
		For >10,000, Deduct	*-2.61*	

07 81 23 00-0005 Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0006	SF	1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	10.56	
		For >10,000, Deduct	*-1.00*	
07 81 23 00-0007	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	23.80	
		For >10,000, Deduct	*-2.32*	
07 81 23 00-0008	SF	2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	54.31	
		For >10,000, Deduct	*-5.37*	
07 81 23 00-0009	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	74.88	
		For >10,000, Deduct	*-7.42*	
07 81 23 00-0010	SF	3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	95.46	
		For >10,000, Deduct	*-9.47*	
07 81 23 00-0011	SF	3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	116.08	
		For >10,000, Deduct	*-11.53*	

07 81 23 00-0012 Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0013	SF	1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	21.68	
		For >10,000, Deduct	*-2.11*	
07 81 23 00-0014	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	40.55	
		For >10,000, Deduct	*-3.99*	
07 81 23 00-0015	SF	2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	64.57	
		For >10,000, Deduct	*-6.39*	
07 81 23 00-0016	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	90.29	
		For >10,000, Deduct	*-8.96*	
07 81 23 00-0017	SF	3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	114.29	
		For >10,000, Deduct	*-11.36*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 81 23 00-0018		Intumescent Thin Film Fireproofing (Albi Clad FP) *(07 81 23)*		
07 81 23 00-0019		Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) *(07 81 23 00-0018)*		
		Note: Excludes primer.		
07 81 23 00-0020	SF	1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	10.44	
		For >10,000, Deduct	*-1.01*	
07 81 23 00-0021	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	24.05	
		For >10,000, Deduct	*-2.36*	
07 81 23 00-0022	SF	2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	55.44	
		For >10,000, Deduct	*-5.50*	
07 81 23 00-0023	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	76.60	
		For >10,000, Deduct	*-7.61*	
07 81 23 00-0024	SF	3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	97.77	
		For >10,000, Deduct	*-9.72*	
07 81 33		**Mineral-Fiber Fireproofing** *(07 81)*		
07 81 33 00-0001		Cellulose Fireproofing *(07 81 33)*		
07 81 33 00-0002	SF	Cellulose Fireproofing, Per Inch Of Thickness	2.51	0.64
07 84		**Firestopping** *(07 80)*		
07 84 13		**Penetration Firestopping** *(07 84)*		
07 84 13 16		**Penetration Firestopping Devices** *(07 84 13)*		
07 84 13 16-0001		Firestopping Systems For Cable Penetrations *(07 84 13 16)*		
07 84 13 16-0002		Intumescent Firestop Cable Sleeve For New Installations *(07 84 13 16-0001)*		
		Note: Includes putty, escutcheon plates, gaskets and bushings.		
07 84 13 16-0003	EA	1" Diameter Intumescent Firestop Sleeve (STI FS100)	63.83	
07 84 13 16-0004	EA	2" Diameter Intumescent Firestop Sleeve (STI FS201)	87.89	
07 84 13 16-0005	EA	4" Diameter Intumescent Firestop Sleeve (STI FS401)	146.42	
07 84 13 16-0006		Intumescent Firestop Cable Pathway For New Or Existing Cable Installations *(07 84 13 16-0001)*		
		Note: Includes pathway, putty and wall/floor mounting plates.		
07 84 13 16-0007	EA	1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22)	122.03	
07 84 13 16-0008	EA	3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS)	217.76	
07 84 13 16-0009	EA	4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44)	403.25	
07 84 13 16-0010		3M Intumescent Firestopping Multi-Trade Pass Through Device *(07 84 13 16)*		
07 84 13 16-0011	EA	2-1/2" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	275.99	
07 84 13 16-0012	EA	4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD)	254.73	
07 84 13 16-0013	EA	4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	262.81	
07 84 13 16-0014		Intumescent Firestopping Pipe Collar *(07 84 13 16)*		
07 84 13 16-0015	EA	1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5)	40.18	10.85
07 84 13 16-0016	EA	2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0)	49.08	10.85
07 84 13 16-0017	EA	3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0)	57.30	11.93
07 84 13 16-0018	EA	4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0)	91.14	13.56
07 84 13 16-0019	EA	8" Intumescent Firestop Pipe Collar (Hilti CP644 8")	462.20	16.27
07 84 13 16-0020	EA	10" Intumescent Firestop Pipe Collar (Hilti CP644 10")	598.02	17.89
07 84 13 16-0021		Fire Rated Enclosures (Fire Rated Product Specialties Corp.) *(07 84 13 16)*		
		Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required.		
07 84 13 16-0022	EA	12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9)	155.11	
		Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.		
07 84 13 16-0023	EA	15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9)	165.21	
		Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.		
07 84 13 16-0024	EA	11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH)	333.70	
		Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.		
07 84 13 16-0025	EA	14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3)	209.62	
		Note: Used for shut-off valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc.		
07 84 13 16-0026		Intumescent Firestopping Wrap Strips *(07 84 13 16)*		
07 84 13 16-0027	LF	1/8" Thick, 1-1/2" Wide, Intumescent Firestopping Wrap Strip (STI SpecSeal SSW Series)	6.80	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 84 13 19 Penetration Firestopping Caulk *(07 84 13)*

07 84 13 19-0001 Intumescent Firestopping For Sealing Pipe Penetrations (3M CP 25WB+) *(07 84 13 19)*

Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.

07 84 13 19-0002	EA	1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	20.28	
		For Intumescent Sealant For Plastic Pipe, Add	*0.08*	
07 84 13 19-0003	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	25.12	
		For Intumescent Sealant For Plastic Pipe, Add	*0.40*	
07 84 13 19-0004	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	24.86	
		For Intumescent Sealant For Plastic Pipe, Add	*0.30*	
07 84 13 19-0005	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	24.44	
		For Intumescent Sealant For Plastic Pipe, Add	*0.13*	
07 84 13 19-0006	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	29.30	
		For Intumescent Sealant For Plastic Pipe, Add	*0.86*	
07 84 13 19-0007	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	29.04	
		For Intumescent Sealant For Plastic Pipe, Add	*0.76*	
07 84 13 19-0008	EA	2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	28.62	
		For Intumescent Sealant For Plastic Pipe, Add	*0.59*	
07 84 13 19-0009	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	27.96	
		For Intumescent Sealant For Plastic Pipe, Add	*0.33*	
07 84 13 19-0010	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	27.40	
		For Intumescent Sealant For Plastic Pipe, Add	*0.10*	
07 84 13 19-0011	EA	2-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	35.78	
		For Intumescent Sealant For Plastic Pipe, Add	*1.45*	
07 84 13 19-0012	EA	2-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	35.53	
		For Intumescent Sealant For Plastic Pipe, Add	*1.35*	
07 84 13 19-0013	EA	2-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	35.09	
		For Intumescent Sealant For Plastic Pipe, Add	*1.18*	
07 84 13 19-0014	EA	2-1/2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	34.43	
		For Intumescent Sealant For Plastic Pipe, Add	*0.91*	
07 84 13 19-0015	EA	2-1/2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	33.88	
		For Intumescent Sealant For Plastic Pipe, Add	*0.69*	
07 84 13 19-0016	EA	2-1/2" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	32.55	
		For Intumescent Sealant For Plastic Pipe, Add	*0.16*	
07 84 13 19-0017	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	49.96	
		For Intumescent Sealant For Plastic Pipe, Add	*3.91*	
07 84 13 19-0018	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	45.37	
		For Intumescent Sealant For Plastic Pipe, Add	*2.07*	
07 84 13 19-0019	EA	3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	44.94	
		For Intumescent Sealant For Plastic Pipe, Add	*1.90*	
07 84 13 19-0020	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	44.28	
		For Intumescent Sealant For Plastic Pipe, Add	*1.64*	
07 84 13 19-0021	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	43.72	
		For Intumescent Sealant For Plastic Pipe, Add	*1.41*	
07 84 13 19-0022	EA	3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	42.39	
		For Intumescent Sealant For Plastic Pipe, Add	*0.88*	
07 84 13 19-0023	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	40.67	
		For Intumescent Sealant For Plastic Pipe, Add	*0.19*	
07 84 13 19-0024	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	68.27	
		For Intumescent Sealant For Plastic Pipe, Add	*7.21*	
07 84 13 19-0025	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	67.80	
		For Intumescent Sealant For Plastic Pipe, Add	*7.02*	
07 84 13 19-0026	EA	4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	67.04	
		For Intumescent Sealant For Plastic Pipe, Add	*6.72*	
07 84 13 19-0027	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	65.85	
		For Intumescent Sealant For Plastic Pipe, Add	*6.24*	
07 84 13 19-0028	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	64.84	
		For Intumescent Sealant For Plastic Pipe, Add	*5.84*	
07 84 13 19-0029	EA	4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	57.02	
		For Intumescent Sealant For Plastic Pipe, Add	*2.71*	
07 84 13 19-0030	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	55.31	
		For Intumescent Sealant For Plastic Pipe, Add	*2.03*	
07 84 13 19-0031	EA	4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	52.70	
		For Intumescent Sealant For Plastic Pipe, Add	*0.98*	
07 84 13 19-0032	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	111.94	
		For Intumescent Sealant For Plastic Pipe, Add	*16.64*	
07 84 13 19-0033	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	111.47	
		For Intumescent Sealant For Plastic Pipe, Add	*16.45*	
07 84 13 19-0034	EA	6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	110.71	
		For Intumescent Sealant For Plastic Pipe, Add	*16.15*	
07 84 13 19-0035	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	109.52	
		For Intumescent Sealant For Plastic Pipe, Add	*15.67*	
07 84 13 19-0036	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	108.52	
		For Intumescent Sealant For Plastic Pipe, Add	*15.27*	
07 84 13 19-0037	EA	6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	106.13	
		For Intumescent Sealant For Plastic Pipe, Add	*14.32*	
07 84 13 19-0038	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	103.03	
		For Intumescent Sealant For Plastic Pipe, Add	*13.08*	
07 84 13 19-0039	EA	6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	98.34	
		For Intumescent Sealant For Plastic Pipe, Add	*11.20*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0040	EA	6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	80.66	
		For Intumescent Sealant For Plastic Pipe, Add	*4.13*	
07 84 13 19-0041	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	151.10	
		For Intumescent Sealant For Plastic Pipe, Add	*26.28*	
07 84 13 19-0042	EA	8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	146.40	
		For Intumescent Sealant For Plastic Pipe, Add	*24.40*	
07 84 13 19-0043	EA	8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	136.98	
		For Intumescent Sealant For Plastic Pipe, Add	*20.63*	
07 84 13 19-0044	EA	8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	98.54	
		For Intumescent Sealant For Plastic Pipe, Add	*5.25*	
07 84 13 19-0045	EA	10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	194.49	
		For Intumescent Sealant For Plastic Pipe, Add	*37.60*	
07 84 13 19-0046	EA	10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	166.54	
		For Intumescent Sealant For Plastic Pipe, Add	*26.42*	
07 84 13 19-0047	EA	10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	117.19	
		For Intumescent Sealant For Plastic Pipe, Add	*6.68*	

07 84 13 19-0048 Intumescent Firestopping For Sealing Pipe Penetrations (STI SpecSeal SSS Series) *(07 84 13 19)*

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

07 84 13 19-0049	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	24.97
07 84 13 19-0050	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	24.70
07 84 13 19-0051	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	24.39
07 84 13 19-0052	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	28.89
07 84 13 19-0053	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	28.62
07 84 13 19-0054	EA	2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	28.31
07 84 13 19-0055	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	27.41
07 84 13 19-0056	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	35.28
07 84 13 19-0057	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	35.02
07 84 13 19-0058	EA	2.5" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	34.71
07 84 13 19-0059	EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	34.25
07 84 13 19-0060	EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	33.81
07 84 13 19-0061	EA	2.5" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	32.67
07 84 13 19-0062	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	44.78
07 84 13 19-0063	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	44.52
07 84 13 19-0064	EA	3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	44.21
07 84 13 19-0065	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	43.75
07 84 13 19-0066	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	43.31
07 84 13 19-0067	EA	3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	42.16
07 84 13 19-0068	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	40.50
07 84 13 19-0069	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	58.82
07 84 13 19-0070	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	58.55
07 84 13 19-0071	EA	4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	58.25
07 84 13 19-0072	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	57.68
07 84 13 19-0073	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	57.12
07 84 13 19-0074	EA	4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	55.98
07 84 13 19-0075	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	54.55
07 84 13 19-0076	EA	4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	52.27
07 84 13 19-0077	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	90.09
07 84 13 19-0078	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	89.82
07 84 13 19-0079	EA	6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	89.52
07 84 13 19-0080	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	89.06
07 84 13 19-0081	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	88.62
07 84 13 19-0082	EA	6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	87.48
07 84 13 19-0083	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	85.81
07 84 13 19-0084	EA	6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	83.76
07 84 13 19-0085	EA	6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	78.99
07 84 13 19-0086	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	116.61
07 84 13 19-0087	EA	8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	114.55
07 84 13 19-0088	EA	8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	109.78
07 84 13 19-0089	EA	8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	96.80
07 84 13 19-0090	EA	10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	145.14
07 84 13 19-0091	EA	10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	132.16
07 84 13 19-0092	EA	10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series)	114.57

07 84 13 19-0093 Smoke, Noise And Infectious/Dust Control Sealant For Sealing Pipe Penetrations *(07 84 13 19)*

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

07 84 13 19-0094	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	24.46
07 84 13 19-0095	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	24.36
07 84 13 19-0096	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	24.22
07 84 13 19-0097	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	27.86
07 84 13 19-0098	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	27.76
07 84 13 19-0099	EA	2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	27.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0100	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	27.43	
07 84 13 19-0101	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	27.24	
07 84 13 19-0102	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	33.40	
07 84 13 19-0103	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	33.31	
07 84 13 19-0104	EA	2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	33.17	
07 84 13 19-0105	EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	32.96	
07 84 13 19-0106	EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	32.78	
07 84 13 19-0107	EA	2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	32.33	
07 84 13 19-0108	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	42.04	
07 84 13 19-0109	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	41.95	
07 84 13 19-0110	EA	3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	41.81	
07 84 13 19-0111	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	41.60	
07 84 13 19-0112	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	41.42	
07 84 13 19-0113	EA	3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	40.97	
07 84 13 19-0114	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	40.33	
07 84 13 19-0115	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	53.68	
07 84 13 19-0116	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	53.58	
07 84 13 19-0117	EA	4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	53.45	
07 84 13 19-0118	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	53.22	
07 84 13 19-0119	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	53.01	
07 84 13 19-0120	EA	4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	52.55	
07 84 13 19-0121	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	51.98	
07 84 13 19-0122	EA	4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	51.07	
07 84 13 19-0123	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	78.27	
07 84 13 19-0124	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	78.17	
07 84 13 19-0125	EA	6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	78.04	
07 84 13 19-0126	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	77.83	
07 84 13 19-0127	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	77.65	
07 84 13 19-0128	EA	6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	77.20	
07 84 13 19-0129	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	76.56	
07 84 13 19-0130	EA	6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	75.71	
07 84 13 19-0131	EA	6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	73.85	
07 84 13 19-0132	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	97.94	
07 84 13 19-0133	EA	8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	97.08	
07 84 13 19-0134	EA	8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	95.22	
07 84 13 19-0135	EA	8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	89.95	
07 84 13 19-0136	EA	10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	118.41	
07 84 13 19-0137	EA	10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	113.14	
07 84 13 19-0138	EA	10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	106.17	

07 84 16 Annular Space Firestopping Protection *(07 84)*

07 84 16 00-0001 Intumescent Firestopping For Electrical Outlet Boxes *(07 84 16)*

07 84 16 00-0002 Intumescent Putty Pads For Wrapping Outlet Box Exteriors *(07 84 16 00-0001)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 16 00-0003	EA	1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	34.23	
07 84 16 00-0004	EA	2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	50.38	
07 84 16 00-0005	EA	3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	52.38	
07 84 16 00-0006	EA	4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	54.40	
07 84 16 00-0007	EA	5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	56.40	
07 84 16 00-0008	EA	6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	72.56	
07 84 16 00-0009		Intumescent Firestop Gasket For Wall Plates *(07 84 16 00-0001)*		
07 84 16 00-0010	EA	Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276)	13.46	
07 84 16 00-0011	EA	Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274)	14.06	
07 84 16 00-0012	EA	Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272)	12.95	
07 84 16 00-0013	EA	Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270)	14.10	
07 84 16 00-0014	EA	Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266)	13.65	
07 84 16 00-0015	EA	Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265)	13.03	
07 84 16 00-0016		Intumescent Fire Barrier Pillows For Sealing Large Openings *(07 84 16)*		
07 84 16 00-0017	EA	2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249)	39.03	
07 84 16 00-0018	EA	2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269)	41.93	
07 84 16 00-0019	EA	3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369)	45.51	
07 84 16 00-0020		Intumescent Fire Barrier Sheets For Sealing Large Openings *(07 84 16)* Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.		
07 84 16 00-0021	EA	16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28)	342.62	
07 84 16 00-0022	EA	36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2)	491.30	
07 84 16 00-0023	EA	36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3)	672.11	
07 84 16 00-0024		Endothermic Mat Wrap Fire Barrier *(07 84 16)* Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings.		
07 84 16 00-0025	SF	0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4)	50.32	
07 84 16 00-0026		Firestopping Caulk For Filling Opening *(07 84 16)*		
07 84 16 00-0027	GAL	Latex Based Intumescent Fire Barrier Sealant (3M CP-25WB+)	142.61	
07 84 16 00-0028		Firestopping Mortar For Filling Opening *(07 84 16)*		
07 84 16 00-0029	CF	Light-Weight Portland Cement-Based Firestop Mortar (STI SpecSeal SSM Series)	181.06	
07 84 23		**Silicone Firestopping Foams** *(07 84)*		
07 84 23 00-0001		Silicone RTV Foam Seal For Blank Openings *(07 84 23)* Note: Includes 7" depth of silicone foam barrier and 1" depth backer board		
07 84 23 00-0002	EA	2" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	40.49	
07 84 23 00-0003	EA	4" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	91.72	
07 84 23 00-0004	EA	6" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	167.31	
07 84 23 00-0005	EA	8" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	254.46	
07 84 23 00-0006	EA	10" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	365.81	
07 84 23 00-0007	EA	12" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	498.89	
07 84 23 00-0008	EA	16" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	1,028.28	
07 84 23 00-0009	EA	20" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	1,545.55	
07 84 23 00-0010	EA	24" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam	2,175.07	
07 84 43		**Joint Firestopping** *(07 84)*		
07 84 43 00-0001		Intumescent Firestopping Sealant For Joints (3M CP 25WB+) *(07 84 43)*		
07 84 43 00-0002	CLF	1/4" x 1/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	371.39	90.44
		For Up To 6 CLF, Add	*21.07*	
		For >30 CLF, Deduct	*-23.57*	
07 84 43 00-0003	CLF	1/4" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	421.47	90.44
		For Up To 4 CLF, Add	*24.83*	
		For >20 CLF, Deduct	*-28.58*	
07 84 43 00-0004	CLF	1/4" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	481.55	93.45
		For Up To 3 CLF, Add	*29.08*	
		For >15 CLF, Deduct	*-34.09*	
07 84 43 00-0005	CLF	3/8" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	506.58	93.45
		For Up To 2.5 CLF, Add	*30.96*	
		For >13 CLF, Deduct	*-36.59*	
07 84 43 00-0006	CLF	3/8" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	581.65	93.45
		For Up To 2 CLF, Add	*36.59*	
		For >10 CLF, Deduct	*-44.10*	
07 84 43 00-0007	CLF	3/8" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	656.73	93.45
		For Up To 1.5 CLF, Add	*42.22*	
		For >8 CLF, Deduct	*-51.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0008	CLF	3/8" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	741.86	97.47
		For Up To 1.3 CLF, Add	*48.35*	
		For >7 CLF, Deduct	*-59.62*	
07 84 43 00-0009	CLF	1/2" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	691.80	97.47
		For Up To 1.4 CLF, Add	*44.60*	
		For >7.5 CLF, Deduct	*-54.61*	
07 84 43 00-0010	CLF	1/2" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	801.97	100.48
		For Up To 1.15 CLF, Add	*52.61*	
		For >6 CLF, Deduct	*-65.12*	
07 84 43 00-0011	CLF	1/2" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	902.07	100.48
		For Up To 1 CLF, Add	*60.12*	
		For >5 CLF, Deduct	*-75.13*	
07 84 43 00-0012	CLF	1/2" x 7/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,012.21	103.50
		For Up To 0.8 CLF, Add	*68.13*	
		For >4.5 CLF, Deduct	*-85.65*	
07 84 43 00-0013	CLF	1/2" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,122.36	107.52
		For Up To 0.75 CLF, Add	*76.14*	
		For >4 CLF, Deduct	*-96.16*	
07 84 43 00-0014	CLF	3/4" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,232.51	110.53
		For Up To 0.65 CLF, Add	*84.15*	
		For >3.5 CLF, Deduct	*-106.67*	
07 84 43 00-0015	CLF	3/4" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,562.95	120.58
		For Up To 0.5 CLF, Add	*108.18*	
		For >2.5 CLF, Deduct	*-138.21*	
		For Silicone Sealant (Bio Fireshield BFS 100 or 200), add	*180.18*	
07 84 43 00-0016	CLF	1" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	2,003.56	133.64
		For Up To 0.4 CLF, Add	*140.22*	
		For >2 CLF, Deduct	*-180.26*	
07 84 43 00-0017		Latex-Based, Intumescent Firestop Sealant For Joints (STI SSS Series) *(07 84 43)*		
07 84 43 00-0018	CLF	1/4" x 1/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	385.33	90.44
		For Up To 6 CLF, Add	*22.12*	
		For >30 CLF, Deduct	*-24.97*	
07 84 43 00-0019	CLF	1/4" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	442.34	90.44
		For Up To 4 CLF, Add	*26.39*	
		For >20 CLF, Deduct	*-30.67*	
07 84 43 00-0020	CLF	1/4" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	509.39	93.45
		For Up To 3 CLF, Add	*31.17*	
		For >15 CLF, Deduct	*-36.87*	
07 84 43 00-0021	CLF	3/8" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	537.89	93.45
		For Up To 2.5 CLF, Add	*33.31*	
		For >13 CLF, Deduct	*-39.72*	
07 84 43 00-0022	CLF	3/8" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	623.41	93.45
		For Up To 2 CLF, Add	*39.72*	
		For >10 CLF, Deduct	*-48.27*	
07 84 43 00-0023	CLF	3/8" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	708.92	93.45
		For Up To 1.5 CLF, Add	*46.14*	
		For >8 CLF, Deduct	*-56.82*	
07 84 43 00-0024	CLF	3/8" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	804.48	97.47
		For Up To 1.3 CLF, Add	*53.05*	
		For >7 CLF, Deduct	*-65.88*	
07 84 43 00-0025	CLF	1/2" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	747.48	97.47
		For Up To 1.4 CLF, Add	*48.78*	
		For >7.5 CLF, Deduct	*-60.18*	
07 84 43 00-0026	CLF	1/2" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	871.55	100.48
		For Up To 1.15 CLF, Add	*57.83*	
		For >6 CLF, Deduct	*-72.08*	
07 84 43 00-0027	CLF	1/2" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	985.57	100.48
		For Up To 1 CLF, Add	*66.38*	
		For >5 CLF, Deduct	*-83.48*	
07 84 43 00-0028	CLF	1/2" x 7/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,109.63	103.50
		For Up To 0.8 CLF, Add	*75.43*	
		For >4.5 CLF, Deduct	*-95.39*	
07 84 43 00-0029	CLF	1/2" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,233.70	107.52
		For Up To 0.75 CLF, Add	*84.49*	
		For >4 CLF, Deduct	*-107.29*	
07 84 43 00-0030	CLF	3/4" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,357.77	110.53
		For Up To 0.65 CLF, Add	*93.54*	
		For >3.5 CLF, Deduct	*-119.20*	
07 84 43 00-0031	CLF	3/4" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,729.97	120.58
		For Up To 0.5 CLF, Add	*120.70*	
		For >2.5 CLF, Deduct	*-154.91*	
07 84 43 00-0032	CLF	1" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	2,226.24	133.64
		For Up To 0.4 CLF, Add	*156.92*	
		For >2 CLF, Deduct	*-202.53*	
07 84 43 00-0033		Passive Smoke And Fire Protection Sealant For Joints (STI ES Series) *(07 84 43)*		
07 84 43 00-0034	CLF	1/4" x 1/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	330.29	90.44
		For Up To 6 CLF, Add	*17.99*	
		For >30 CLF, Deduct	*-19.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0035	CLF	1/4" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	359.77	90.44
		For Up To 4 CLF, Add	*20.20*	
		For >20 CLF, Deduct	*-22.41*	
07 84 43 00-0036	CLF	1/4" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	399.30	93.45
		For Up To 3 CLF, Add	*22.91*	
		For >15 CLF, Deduct	*-25.86*	
07 84 43 00-0037	CLF	3/8" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	414.04	93.45
		For Up To 2.5 CLF, Add	*24.02*	
		For >13 CLF, Deduct	*-27.34*	
07 84 43 00-0038	CLF	3/8" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	458.28	93.45
		For Up To 2 CLF, Add	*27.34*	
		For >10 CLF, Deduct	*-31.76*	
07 84 43 00-0039	CLF	3/8" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	502.51	93.45
		For Up To 1.5 CLF, Add	*30.65*	
		For >8 CLF, Deduct	*-36.18*	
07 84 43 00-0040	CLF	3/8" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	556.79	97.47
		For Up To 1.3 CLF, Add	*34.47*	
		For >7 CLF, Deduct	*-41.11*	
07 84 43 00-0041	CLF	1/2" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	527.30	97.47
		For Up To 1.4 CLF, Add	*32.26*	
		For >7.5 CLF, Deduct	*-38.16*	
07 84 43 00-0042	CLF	1/2" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	596.34	100.48
		For Up To 1.15 CLF, Add	*37.19*	
		For >6 CLF, Deduct	*-44.56*	
07 84 43 00-0043	CLF	1/2" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	655.31	100.48
		For Up To 1 CLF, Add	*41.61*	
		For >5 CLF, Deduct	*-50.46*	
07 84 43 00-0044	CLF	1/2" x 7/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	724.33	103.50
		For Up To 0.8 CLF, Add	*46.54*	
		For >4.5 CLF, Deduct	*-56.86*	
07 84 43 00-0045	CLF	1/2" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	793.35	107.52
		For Up To 0.75 CLF, Add	*51.46*	
		For >4 CLF, Deduct	*-63.26*	
07 84 43 00-0046	CLF	3/4" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	862.38	110.53
		For Up To 0.65 CLF, Add	*56.39*	
		For >3.5 CLF, Deduct	*-69.66*	
07 84 43 00-0047	CLF	3/4" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	1,069.44	120.58
		For Up To 0.5 CLF, Add	*71.16*	
		For >2.5 CLF, Deduct	*-88.86*	
07 84 43 00-0048	CLF	1" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	1,345.54	133.64
		For Up To 0.4 CLF, Add	*90.87*	
		For >2 CLF, Deduct	*-114.46*	

07 84 43 00-0049 Elastomeric Spray Firestopping For Joints And Penetrations *(07 84 43)*

07 84 43 00-0050	LF	1" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	0.83
07 84 43 00-0051	LF	2" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	1.65
07 84 43 00-0052	LF	3" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	2.38
07 84 43 00-0053	LF	4" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	3.23
07 84 43 00-0054	LF	5" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	3.99
07 84 43 00-0055	LF	6" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	4.89
07 84 43 00-0056	LF	1" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	1.65
07 84 43 00-0057	LF	2" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	3.30
07 84 43 00-0058	LF	3" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	4.78
07 84 43 00-0059	LF	4" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	6.47
07 84 43 00-0060	LF	5" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	8.01
07 84 43 00-0061	LF	6" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	9.77
07 84 43 00-0062	LF	1" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	3.33

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07 84 43 00-0063	LF	2" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	6.62	
07 84 43 00-0064	LF	3" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	9.54	
07 84 43 00-0065	LF	4" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	12.92	
07 84 43 00-0066	LF	5" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	16.00	
07 84 43 00-0067	LF	6" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	19.54	
07 84 43 00-0068	LF	1" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	6.65	
07 84 43 00-0069	LF	2" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	13.23	
07 84 43 00-0070	LF	3" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	19.08	
07 84 43 00-0071	LF	4" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	25.85	
07 84 43 00-0072	LF	5" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	32.01	
07 84 43 00-0073	LF	6" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	39.08	

07 84 43 00-0074 Intumescent Firestopping Sealant For Joints *(07 84 43)*

07 84 43 00-0075	CLF	1/4" x 1/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	353.54	90.44
		For Up To 6 CLF, Add	*19.73*	
		For >30 CLF, Deduct	*-21.79*	
07 84 43 00-0076	CLF	1/4" x 3/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	394.66	90.44
		For Up To 4 CLF, Add	*22.82*	
		For >20 CLF, Deduct	*-25.90*	
07 84 43 00-0077	CLF	1/4" x 1/2" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	445.82	93.45
		For Up To 3 CLF, Add	*26.40*	
		For >15 CLF, Deduct	*-30.51*	
07 84 43 00-0078	CLF	3/8" x 3/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	466.37	93.45
		For Up To 2.5 CLF, Add	*27.94*	
		For >13 CLF, Deduct	*-32.57*	
07 84 43 00-0079	CLF	3/8" x 1/2" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	528.05	93.45
		For Up To 2 CLF, Add	*32.57*	
		For >10 CLF, Deduct	*-38.74*	
07 84 43 00-0080	CLF	3/8" x 5/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	589.72	93.45
		For Up To 1.5 CLF, Add	*37.20*	
		For >8 CLF, Deduct	*-44.90*	
07 84 43 00-0081	CLF	3/8" x 3/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	661.45	97.47
		For Up To 1.3 CLF, Add	*42.32*	
		For >7 CLF, Deduct	*-51.58*	
07 84 43 00-0082	CLF	1/2" x 1/2" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	620.33	97.47
		For Up To 1.4 CLF, Add	*39.24*	
		For >7.5 CLF, Deduct	*-47.46*	
07 84 43 00-0083	CLF	1/2" x 5/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	712.63	100.48
		For Up To 1.15 CLF, Add	*45.91*	
		For >6 CLF, Deduct	*-56.19*	
07 84 43 00-0084	CLF	1/2" x 3/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	794.86	100.48
		For Up To 1 CLF, Add	*52.08*	
		For >5 CLF, Deduct	*-64.41*	
07 84 43 00-0085	CLF	1/2" x 7/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	887.13	103.50
		For Up To 0.8 CLF, Add	*58.75*	
		For >4.5 CLF, Deduct	*-73.14*	
07 84 43 00-0086	CLF	1/2" x 1" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	979.42	107.52
		For Up To 0.75 CLF, Add	*65.42*	
		For >4 CLF, Deduct	*-81.86*	
07 84 43 00-0087	CLF	3/4" x 3/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	1,071.70	110.53
		For Up To 0.65 CLF, Add	*72.09*	
		For >3.5 CLF, Deduct	*-90.59*	
07 84 43 00-0088	CLF	3/4" x 1" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	1,348.54	120.58
		For Up To 0.5 CLF, Add	*92.10*	
		For >2.5 CLF, Deduct	*-116.77*	
07 84 43 00-0089	CLF	1" x 1" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	1,717.67	133.64
		For Up To 0.4 CLF, Add	*118.78*	
		For >2 CLF, Deduct	*-151.67*	

07 84 56 Fire Safing *(07 84)*

07 84 56 13 Fibrous Fire Safing *(07 84 56)*

07 84 56 13-0001 Thermal Barrier Wrap *(07 84 56 13)*

Note: Includes cutting wrap to fit pipe or conduit and sealing edges.

07 84 56 13-0002	SF	1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A)	10.32	
		For Work In Restricted Working Space, Add	*1.20*	
07 84 56 13-0003	SF	1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A)	17.13	
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
		For Work In Restricted Working Space, Add	*1.20*	
07 84 56 13-0004	SF	2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A)	18.77	
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
		For Work In Restricted Working Space, Add	*1.20*	

07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing *(07 84 56 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 56 13-0006	SF	1/2" Thermal Ceramics FireMaster Blanket Wrap	18.09	10.23
		For Work In Restricted Working Space, Add	*4.11*	
		For >500 To 5,000, Deduct	*-1.69*	
		For >5,000, Deduct	*-2.99*	
07 84 56 13-0007	SF	1" Thermal Ceramics FireMaster Blanket Wrap	21.73	10.23
		For Work In Restricted Working Space, Add	*4.11*	
		For >500 To 5,000, Deduct	*-2.53*	
		For >5,000, Deduct	*-4.34*	
07 84 56 13-0008	SF	1-1/2" Thermal Ceramics FireMaster Blanket Wrap	25.72	10.23
		For Work In Restricted Working Space, Add	*4.11*	
		For >500 To 5,000, Deduct	*-3.45*	
		For >5,000, Deduct	*-5.82*	
07 84 56 13-0009	SF	2" Thermal Ceramics FireMaster Blanket Wrap	29.71	10.23
		For Work In Restricted Working Space, Add	*4.11*	
		For >500 To 5,000, Deduct	*-4.37*	
		For >5,000, Deduct	*-7.29*	
07 84 56 13-0010		Fire Safing (SAFE), Mineral Wool Insulation *(07 84 56 13)*		
07 84 56 13-0011	SF	4" Thick, Fire Safing (SAFE), Mineral Wool Insulation (Rockwool Roxul)	3.50	0.38
		For Work In Restricted Working Space, Add	*0.32*	

07 90 Joint Protection *(07)*

07 91 Preformed Joint Seals *(07 90)*

07 91 23 Backer Rods *(07 91)*

07 91 23 00-0001		Backer Rods *(07 91 23)*		
07 91 23 00-0002	LF	1/4" Polyethylene Or Polyurethane Backer Rod	1.80	0.51
07 91 23 00-0003	LF	3/8" Polyethylene Or Polyurethane Backer Rod	1.93	0.51
07 91 23 00-0004	LF	1/2" Polyethylene Or Polyurethane Backer Rod	2.13	0.51
07 91 23 00-0005	LF	5/8" Polyethylene Or Polyurethane Backer Rod	2.42	0.51
07 91 23 00-0006	LF	3/4" Polyethylene Or Polyurethane Backer Rod	2.52	0.61
07 91 23 00-0007	LF	7/8" Polyethylene Or Polyurethane Backer Rod	2.77	0.61
07 91 23 00-0008	LF	1" Polyethylene Or Polyurethane Backer Rod	3.38	0.61
07 91 23 00-0009	LF	1-1/4" Polyethylene Or Polyurethane Backer Rod	3.98	0.72
07 91 23 00-0010	LF	1-1/2" Polyethylene Or Polyurethane Backer Rod	4.68	0.82
07 91 23 00-0011	LF	2" Polyethylene Or Polyurethane Backer Rod	6.22	0.92
07 91 23 00-0012	LF	3" Polyethylene Or Polyurethane Backer Rod	12.18	1.13

07 91 26 Joint Fillers *(07 91)*

07 91 26 00-0001		Butyl Rubber Fillers *(07 91 26)*		
07 91 26 00-0002	LF	1/4" x 1/4" Butyl Rubber Filler	2.44	0.61
		For Custom Match Coloring, Add	*0.05*	
07 91 26 00-0003	LF	1/2" x 1/2" Butyl Rubber Filler	7.43	1.75
		For Custom Match Coloring, Add	*0.21*	
07 91 26 00-0004	LF	1/2" x 3/4" Butyl Rubber Filler	9.11	1.85
		For Custom Match Coloring, Add	*0.32*	
07 91 26 00-0005	LF	3/4" x 3/4" Butyl Rubber Filler	10.07	1.95
07 91 26 00-0006	LF	1" x 1" Butyl Rubber Filler	13.86	3.60
07 91 26 00-0007		Closed Cell Neoprene *(07 91 26)*		
07 91 26 00-0008	CLF	1/8" x 3" Neoprene Gasket Closed Cell, Adhesive	411.19	118.52
07 91 26 00-0009	CLF	1/8" x 6" Neoprene Gasket Closed Cell, Adhesive	667.62	171.21
07 91 26 00-0010	CLF	1/4" x 3" Neoprene Gasket Closed Cell, Adhesive	529.47	146.77
07 91 26 00-0011	CLF	1/4" x 6" Neoprene Gasket Closed Cell, Adhesive	615.95	154.06
07 91 26 00-0012	CLF	1/2" x 6" Neoprene Gasket Closed Cell, Adhesive	939.45	237.05
07 91 26 00-0013	CLF	1/2" x 9" Neoprene Gasket Closed Cell, Adhesive	1,080.49	256.76
07 91 26 00-0014	CLF	1/2" x 12" Neoprene Gasket Closed Cell, Adhesive	996.07	186.72
07 91 26 00-0015		Closed Cell Polyvinyl Chloride *(07 91 26)*		
07 91 26 00-0016	CLF	1/8" x 3" Polyethylene Joint Backing, Closed Cell	420.66	146.77
07 91 26 00-0017	CLF	1/8" x 6" Polyethylene Joint Backing, Closed Cell	724.42	237.05
07 91 26 00-0018	CLF	1/4" x 3" Polyethylene Joint Backing, Closed Cell	553.66	202.33
07 91 26 00-0019	CLF	1/4" x 6" Polyethylene Joint Backing, Closed Cell	675.90	213.63
07 91 26 00-0020	CLF	1/2" x 6" Polyethylene Joint Backing, Closed Cell	1,028.33	327.64
07 91 26 00-0021	CLF	1/2" x 9" Polyethylene Joint Backing, Closed Cell	1,211.96	355.56
07 91 26 00-0022	CLF	1/2" x 12" Polyethylene Joint Backing, Closed Cell	1,618.15	426.23
07 91 26 00-0023		Silicon RTV Foam Penetration Seal *(07 91 26)*		
07 91 26 00-0024	CLF	1/4" x 1/2" Silicon RTV Foam Seal	147.13	23.52
07 91 26 00-0025	CLF	1/2" x 1/2" Silicon RTV Foam Seal	294.24	46.93
07 91 26 00-0026	CLF	1/2" x 3/4" Silicon RTV Foam Seal	438.72	69.74
07 91 26 00-0027	CLF	3/4" x 3/4" Silicon RTV Foam Seal	622.95	93.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 26 00-0028	CLF	1/8" x 1" Silicon RTV Foam Seal	147.13	23.52
07 91 26 00-0029	CLF	1/8" x 3" Silicon RTV Foam Seal	438.31	69.54
07 91 26 00-0030	CLF	1/4" x 3" Silicon RTV Foam Seal	761.00	104.45
07 91 26 00-0031	CLF	1/4" x 6" Silicon RTV Foam Seal	1,520.17	208.18
07 91 26 00-0032	CLF	1/2" x 6" Silicon RTV Foam Seal	2,898.86	375.81
07 91 26 00-0033	CLF	1/2" x 9" Silicon RTV Foam Seal	4,423.82	587.06
07 91 26 00-0034	CLF	1/2" x 12" Silicon RTV Foam Seal	6,436.07	939.35
07 91 26 00-0035		Seals O-Ring Type Cord "J-Seal" *(07 91 26)*		
07 91 26 00-0036	LF	1/4" Seals O-Ring Cord, J-Seal	4.38	1.34
07 91 26 00-0037	LF	1/2" Seals O-Ring Cord, J-Seal	4.64	1.34
07 91 26 00-0038	LF	3/4" Seals O-Ring Cord, J-Seal	4.90	1.44
07 91 26 00-0039	LF	1" Seals O-Ring Cord, J-Seal	5.17	1.54
07 91 26 00-0040	LF	1-1/4" Seals O-Ring Cord, J-Seal	5.54	1.65
07 91 26 00-0041	LF	1-1/2" Seals O-Ring Cord, J-Seal	5.82	1.65
07 91 26 00-0042	LF	1-3/4" Seals O-Ring Cord, J-Seal	6.16	1.75
07 91 26 00-0043	LF	2" Seals O-Ring Cord, J-Seal	6.38	1.75

07 91 33 Expansion Joint Seal Systems *(07 91)*

07 91 33 00-0001 Expansion Joint Seal Systems (Wabo®) *(07 91 33)*

07 91 33 00-0002 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) *(07 91 33 00-0001)*

Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.

07 91 33 00-0003	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH)	87.34	6.38
07 91 33 00-0004	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH)	118.31	6.69
07 91 33 00-0005	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH)	150.98	6.99
07 91 33 00-0006	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH)	187.37	7.30
07 91 33 00-0007	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH)	244.56	7.60
07 91 33 00-0008	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH)	281.57	7.90
07 91 33 00-0009	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH)	327.52	8.21

07 91 33 00-0010 Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) *(07 91 33 00-0001)*

Note: Includes preformed neoprene joint seal and lubricant adhesive.

07 91 33 00-0011	LF	0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162)	42.16	6.38
07 91 33 00-0012	LF	0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175)	46.41	6.47
07 91 33 00-0013	LF	0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200)	57.13	6.57
07 91 33 00-0014	LF	0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225)	60.86	6.69
07 91 33 00-0015	LF	1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250)	65.33	6.78
07 91 33 00-0016	LF	1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300)	81.24	6.87
07 91 33 00-0017	LF	1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350)	101.40	6.99
07 91 33 00-0018	LF	1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400)	120.73	7.30
07 91 33 00-0019	LF	1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500)	137.21	7.60

07 91 33 00-0020 Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal) *(07 91 33 00-0001)*

Note: Includes preformed Santoprene® joint seal and lubricant adhesive.

07 91 33 00-0021	LF	0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100)	34.46	6.38
07 91 33 00-0022	LF	0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225)	46.08	6.69
07 91 33 00-0023	LF	1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250)	57.50	6.99
07 91 33 00-0024	LF	1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300)	60.92	7.15
07 91 33 00-0025	LF	1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400)	68.09	7.30
07 91 33 00-0026	LF	1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500)	99.97	7.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0027	LF	1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600)	139.48	7.90
07 91 33 00-0028		Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal) *(07 91 33 00-0001)*		
		Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0029	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100)	32.95	2.53
07 91 33 00-0030	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150)	56.04	2.64
07 91 33 00-0031	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200)	84.96	2.74
07 91 33 00-0032	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250)	107.41	2.84
07 91 33 00-0033	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300)	141.73	2.94
07 91 33 00-0034	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350)	187.92	3.04
07 91 33 00-0035	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400)	230.77	3.15
07 91 33 00-0036	LF	2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500)	311.70	3.25
07 91 33 00-0037	LF	3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600)	364.13	3.34
07 91 33 00-0038		Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II) *(07 91 33 00-0001)*		
		Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0039	LF	0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100)	32.12	2.53
07 91 33 00-0040	LF	1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150)	42.72	2.64
07 91 33 00-0041	LF	1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200)	57.70	2.74
07 91 33 00-0042	LF	1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250)	78.70	2.84
07 91 33 00-0043	LF	2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300)	89.93	2.94
07 91 33 00-0044	LF	2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350)	125.30	3.04
07 91 33 00-0045	LF	3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400)	168.77	3.15
07 91 33 00-0046	LF	3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500)	182.29	3.25
07 91 33 00-0047		Molded EPDM Rubber Cover, For Pedestrian Foot Traffic And Slow Speed Non-Commercial Vehicular Traffic (Wabo® SafetyFlexl) *(07 91 33 00-0001)*		
07 91 33 00-0048	LF	2-1/2" Minimum, 12" Maximum Joint Opening, Elastomeric Hinged Cover System for Pedestrian Walkway And Low-speed Vehicular Traffic Areas (Wabo® SafetyFlex SFP-600)	241.82	8.21
07 91 33 00-0049		Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal) *(07 91 33 00-0001)*		
		Note: Includes epoxy adhesive.		
07 91 33 00-0050	LF	0.45" Minimum, 1.25" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-100)	26.47	
07 91 33 00-0051	LF	0.675" Minimum, 1.875" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-150)	29.01	
07 91 33 00-0052	LF	0.90" Minimum, 2.50" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-200)	38.30	
07 91 33 00-0053	LF	1.125" Minimum, 3.125" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-250)	47.67	
07 91 33 00-0054	LF	1.35" Minimum, 3.75" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-300)	108.41	
07 91 33 00-0055	LF	1.80" Minimum, 5.00" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-400)	143.21	

07 92 Joint Sealants *(07 90)*

07 92 13 Elastomeric Joint Sealants *(07 92)*

07 92 13 00-0001		Silicone Sealant And Caulking *(07 92 13)*		
07 92 13 00-0002	CLF	1/4" x 1/4" Joint, Silicone Sealant And Caulking	324.94	90.44
		For Custom Match Coloring, Add	*12.87*	
		For Up To 6 CLF, Add	*17.59*	
		For >30 CLF, Deduct	*-18.93*	
		For 1 Part Mildew Resistant, Add	*18.77*	
		For High-Modulus Non-Acid Curing, Add	*10.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0003	CLF	1/4" x 3/8" Joint, Silicone Sealant And Caulking	351.75	90.44
		For Custom Match Coloring, Add	*19.31*	
		For Up To 4 CLF, Add	*19.60*	
		For >20 CLF, Deduct	*-21.61*	
		For 1 Part Mildew Resistant, Add	*28.15*	
		For High-Modulus Non-Acid Curing, Add	*16.09*	
07 92 13 00-0004	CLF	1/4" x 1/2" Joint, Silicone Sealant And Caulking	388.61	93.45
		For Custom Match Coloring, Add	*25.74*	
		For Up To 3 CLF, Add	*22.11*	
		For >15 CLF, Deduct	*-24.79*	
		For 1 Part Mildew Resistant, Add	*37.54*	
		For High-Modulus Non-Acid Curing, Add	*21.45*	
07 92 13 00-0005	CLF	3/8" x 3/8" Joint, Silicone Sealant And Caulking	402.01	93.45
		For Custom Match Coloring, Add	*28.96*	
		For Up To 2.5 CLF, Add	*23.12*	
		For >13 CLF, Deduct	*-26.13*	
		For 1 Part Mildew Resistant, Add	*42.23*	
		For High-Modulus Non-Acid Curing, Add	*24.13*	
07 92 13 00-0006	CLF	3/8" x 1/2" Joint, Silicone Sealant And Caulking	442.24	93.45
		For Custom Match Coloring, Add	*38.61*	
		For Up To 2 CLF, Add	*26.13*	
		For >10 CLF, Deduct	*-30.16*	
		For 1 Part Mildew Resistant, Add	*56.31*	
		For High-Modulus Non-Acid Curing, Add	*32.18*	
07 92 13 00-0007	CLF	3/8" x 5/8" Joint, Silicone Sealant And Caulking	482.46	93.45
		For Custom Match Coloring, Add	*48.27*	
		For Up To 1.5 CLF, Add	*29.15*	
		For >8 CLF, Deduct	*-34.18*	
		For 1 Part Mildew Resistant, Add	*70.39*	
		For High-Modulus Non-Acid Curing, Add	*40.22*	
07 92 13 00-0008	CLF	3/8" x 3/4" Joint, Silicone Sealant And Caulking	532.73	97.47
		For Custom Match Coloring, Add	*57.92*	
		For Up To 1.3 CLF, Add	*32.67*	
		For >7 CLF, Deduct	*-38.70*	
		For 1 Part Mildew Resistant, Add	*84.47*	
		For High-Modulus Non-Acid Curing, Add	*48.27*	
07 92 13 00-0009	CLF	1/2" x 1/2" Joint, Silicone Sealant And Caulking	505.92	97.47
		For Custom Match Coloring, Add	*51.48*	
		For Up To 1.4 CLF, Add	*30.66*	
		For >7.5 CLF, Deduct	*-36.02*	
		For 1 Part Mildew Resistant, Add	*75.08*	
		For High-Modulus Non-Acid Curing, Add	*42.90*	
07 92 13 00-0010	CLF	1/2" x 5/8" Joint, Silicone Sealant And Caulking	569.60	100.48
		For Custom Match Coloring, Add	*64.35*	
		For Up To 1.15 CLF, Add	*35.18*	
		For >6 CLF, Deduct	*-41.89*	
		For 1 Part Mildew Resistant, Add	*93.85*	
		For High-Modulus Non-Acid Curing, Add	*53.63*	
07 92 13 00-0011	CLF	1/2" x 3/4" Joint, Silicone Sealant And Caulking	623.23	100.48
		For Custom Match Coloring, Add	*77.22*	
		For Up To 1 CLF, Add	*39.21*	
		For >5 CLF, Deduct	*-47.25*	
		For 1 Part Mildew Resistant, Add	*112.62*	
		For High-Modulus Non-Acid Curing, Add	*64.35*	
07 92 13 00-0012	CLF	1/2" x 7/8" Joint, Silicone Sealant And Caulking	686.90	103.50
		For Custom Match Coloring, Add	*90.10*	
		For Up To 0.8 CLF, Add	*43.73*	
		For >4.5 CLF, Deduct	*-53.12*	
		For 1 Part Mildew Resistant, Add	*131.39*	
		For High-Modulus Non-Acid Curing, Add	*75.08*	
07 92 13 00-0013	CLF	1/2" x 1" Joint, Silicone Sealant And Caulking	750.58	107.52
		For Custom Match Coloring, Add	*102.97*	
		For Up To 0.75 CLF, Add	*48.25*	
		For >4 CLF, Deduct	*-58.98*	
		For 1 Part Mildew Resistant, Add	*150.16*	
		For High-Modulus Non-Acid Curing, Add	*85.81*	
07 92 13 00-0014	CLF	3/4" x 3/4" Joint, Silicone Sealant And Caulking	814.26	110.53
		For Custom Match Coloring, Add	*115.84*	
		For Up To 0.65 CLF, Add	*52.78*	
		For >3.5 CLF, Deduct	*-64.85*	
		For 1 Part Mildew Resistant, Add	*168.93*	
		For High-Modulus Non-Acid Curing, Add	*96.53*	
07 92 13 00-0015	CLF	3/4" x 1" Joint, Silicone Sealant And Caulking	1,005.29	120.58
		For Custom Match Coloring, Add	*154.45*	
		For Up To 0.5 CLF, Add	*66.35*	
		For >2.5 CLF, Deduct	*-82.44*	
		For 1 Part Mildew Resistant, Add	*225.24*	
		For High-Modulus Non-Acid Curing, Add	*128.71*	
07 92 13 00-0016	CLF	1" x 1" Joint, Silicone Sealant And Caulking	1,260.00	133.64
		For Custom Match Coloring, Add	*205.93*	
		For Up To 0.4 CLF, Add	*84.45*	
		For >2 CLF, Deduct	*-105.90*	
		For 1 Part Mildew Resistant, Add	*300.32*	
		For High-Modulus Non-Acid Curing, Add	*171.61*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0017		**Acrylic/Latex Sealant And Caulking** *(07 92 13)*		
07 92 13 00-0018	CLF	1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking	290.13	90.44
		For Up To 6 CLF, Add	*14.98*	
		For >30 CLF, Deduct	*-15.45*	
07 92 13 00-0019	CLF	1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	299.53	90.44
		For Up To 4 CLF, Add	*15.68*	
		For >20 CLF, Deduct	*-16.39*	
07 92 13 00-0020	CLF	1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	318.98	93.45
		For Up To 3 CLF, Add	*16.89*	
		For >15 CLF, Deduct	*-17.83*	
07 92 13 00-0021	CLF	3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	323.68	93.45
		For Up To 2.5 CLF, Add	*17.24*	
		For >13 CLF, Deduct	*-18.30*	
07 92 13 00-0022	CLF	3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	337.79	93.45
		For Up To 2 CLF, Add	*18.30*	
		For >10 CLF, Deduct	*-19.71*	
07 92 13 00-0023	CLF	3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	351.91	93.45
		For Up To 1.5 CLF, Add	*19.36*	
		For >8 CLF, Deduct	*-21.12*	
07 92 13 00-0024	CLF	3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	376.07	97.47
		For Up To 1.3 CLF, Add	*20.92*	
		For >7 CLF, Deduct	*-23.04*	
07 92 13 00-0025	CLF	1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	366.66	97.47
		For Up To 1.4 CLF, Add	*20.21*	
		For >7.5 CLF, Deduct	*-22.10*	
07 92 13 00-0026	CLF	1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	395.53	100.48
		For Up To 1.15 CLF, Add	*22.13*	
		For >6 CLF, Deduct	*-24.48*	
07 92 13 00-0027	CLF	1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	414.35	100.48
		For Up To 1 CLF, Add	*23.54*	
		For >5 CLF, Deduct	*-26.36*	
07 92 13 00-0028	CLF	1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking	443.20	103.50
		For Up To 0.8 CLF, Add	*25.45*	
		For >4.5 CLF, Deduct	*-28.75*	
07 92 13 00-0029	CLF	1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking	472.07	107.52
		For Up To 0.75 CLF, Add	*27.37*	
		For >4 CLF, Deduct	*-31.13*	
07 92 13 00-0030	CLF	3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	500.93	110.53
		For Up To 0.65 CLF, Add	*29.28*	
		For >3.5 CLF, Deduct	*-33.51*	
07 92 13 00-0031	CLF	3/4" x 1" Joint, Acrylic/Latex Sealant And Caulking	587.52	120.58
		For Up To 0.5 CLF, Add	*35.02*	
		For >2.5 CLF, Deduct	*-40.67*	
07 92 13 00-0032	CLF	1" x 1" Joint, Acrylic/Latex Sealant And Caulking	702.98	133.64
		For Up To 0.4 CLF, Add	*42.68*	
		For >2 CLF, Deduct	*-50.20*	
07 92 13 00-0033		**Polyurethane Sealant And Caulking** *(07 92 13)*		
		Note: 1 or 2 part, non-sag.		
07 92 13 00-0034	CLF	1/4" x 1/4" Joint, Polyurethane Sealant And Caulking	312.44	90.44
		For Up To 6 CLF, Add	*16.65*	
		For >30 CLF, Deduct	*-17.68*	
07 92 13 00-0035	CLF	1/4" x 3/8" Joint, Polyurethane Sealant And Caulking	333.01	90.44
		For Up To 4 CLF, Add	*18.19*	
		For >20 CLF, Deduct	*-19.74*	
07 92 13 00-0036	CLF	1/4" x 1/2" Joint, Polyurethane Sealant And Caulking	363.61	93.45
		For Up To 3 CLF, Add	*20.24*	
		For >15 CLF, Deduct	*-22.29*	
07 92 13 00-0037	CLF	3/8" x 3/8" Joint, Polyurethane Sealant And Caulking	373.90	93.45
		For Up To 2.5 CLF, Add	*21.01*	
		For >13 CLF, Deduct	*-23.32*	
07 92 13 00-0038	CLF	3/8" x 1/2" Joint, Polyurethane Sealant And Caulking	404.74	93.45
		For Up To 2 CLF, Add	*23.32*	
		For >10 CLF, Deduct	*-26.41*	
07 92 13 00-0039	CLF	3/8" x 5/8" Joint, Polyurethane Sealant And Caulking	435.59	93.45
		For Up To 1.5 CLF, Add	*25.64*	
		For >8 CLF, Deduct	*-29.49*	
07 92 13 00-0040	CLF	3/8" x 3/4" Joint, Polyurethane Sealant And Caulking	476.49	97.47
		For Up To 1.3 CLF, Add	*28.45*	
		For >7 CLF, Deduct	*-33.08*	
07 92 13 00-0041	CLF	1/2" x 1/2" Joint, Polyurethane Sealant And Caulking	455.93	97.47
		For Up To 1.4 CLF, Add	*26.91*	
		For >7.5 CLF, Deduct	*-31.02*	
07 92 13 00-0042	CLF	1/2" x 5/8" Joint, Polyurethane Sealant And Caulking	507.12	100.48
		For Up To 1.15 CLF, Add	*30.50*	
		For >6 CLF, Deduct	*-35.64*	
07 92 13 00-0043	CLF	1/2" x 3/4" Joint, Polyurethane Sealant And Caulking	548.25	100.48
		For Up To 1 CLF, Add	*33.58*	
		For >5 CLF, Deduct	*-39.75*	
07 92 13 00-0044	CLF	1/2" x 7/8" Joint, Polyurethane Sealant And Caulking	599.42	103.50
		For Up To 0.8 CLF, Add	*37.17*	
		For >4.5 CLF, Deduct	*-44.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0045	CLF	1/2" x 1" Joint, Polyurethane Sealant And Caulking	650.60	107.52
		For Up To 0.75 CLF, Add	*40.76*	
		For >4 CLF, Deduct	*-48.98*	
07 92 13 00-0046	CLF	3/4" x 3/4" Joint, Polyurethane Sealant And Caulking	701.78	110.53
		For Up To 0.65 CLF, Add	*44.34*	
		For >3.5 CLF, Deduct	*-53.60*	
07 92 13 00-0047	CLF	3/4" x 1" Joint, Polyurethane Sealant And Caulking	855.32	120.58
		For Up To 0.5 CLF, Add	*55.11*	
		For >2.5 CLF, Deduct	*-67.45*	
07 92 13 00-0048		**Flexible Polysulfide Sealant And Caulking, Clear** *(07 92 13)*		
		Note: 1 or 2 part, non-sag.		
07 92 13 00-0049	CLF	1/4" x 1/4" Joint, Polysulfide Sealant And Caulking	316.34	90.44
		For Up To 6 CLF, Add	*16.94*	
		For >30 CLF, Deduct	*-18.07*	
07 92 13 00-0050	CLF	1/4" x 3/8" Joint, Polysulfide Sealant And Caulking	338.88	90.44
		For Up To 4 CLF, Add	*18.63*	
		For >20 CLF, Deduct	*-20.32*	
07 92 13 00-0051	CLF	1/4" x 1/2" Joint, Polysulfide Sealant And Caulking	371.44	93.45
		For Up To 3 CLF, Add	*20.82*	
		For >15 CLF, Deduct	*-23.08*	
07 92 13 00-0052	CLF	3/8" x 3/8" Joint, Polysulfide Sealant And Caulking	382.70	93.45
		For Up To 2.5 CLF, Add	*21.67*	
		For >13 CLF, Deduct	*-24.20*	
07 92 13 00-0053	CLF	3/8" x 1/2" Joint, Polysulfide Sealant And Caulking	416.49	93.45
		For Up To 2 CLF, Add	*24.20*	
		For >10 CLF, Deduct	*-27.58*	
07 92 13 00-0054	CLF	3/8" x 5/8" Joint, Polysulfide Sealant And Caulking	450.27	93.45
		For Up To 1.5 CLF, Add	*26.74*	
		For >8 CLF, Deduct	*-30.96*	
07 92 13 00-0055	CLF	3/8" x 3/4" Joint, Polysulfide Sealant And Caulking	494.10	97.47
		For Up To 1.3 CLF, Add	*29.77*	
		For >7 CLF, Deduct	*-34.84*	
07 92 13 00-0056	CLF	1/2" x 1/2" Joint, Polysulfide Sealant And Caulking	471.58	97.47
		For Up To 1.4 CLF, Add	*28.08*	
		For >7.5 CLF, Deduct	*-32.59*	
07 92 13 00-0057	CLF	1/2" x 5/8" Joint, Polysulfide Sealant And Caulking	526.69	100.48
		For Up To 1.15 CLF, Add	*31.97*	
		For >6 CLF, Deduct	*-37.60*	
07 92 13 00-0058	CLF	1/2" x 3/4" Joint, Polysulfide Sealant And Caulking	571.73	100.48
		For Up To 1 CLF, Add	*35.34*	
		For >5 CLF, Deduct	*-42.10*	
07 92 13 00-0059	CLF	1/2" x 7/8" Joint, Polysulfide Sealant And Caulking	626.82	103.50
		For Up To 0.8 CLF, Add	*39.22*	
		For >4.5 CLF, Deduct	*-47.11*	
07 92 13 00-0060	CLF	1/2" x 1" Joint, Polysulfide Sealant And Caulking	681.91	107.52
		For Up To 0.75 CLF, Add	*43.10*	
		For >4 CLF, Deduct	*-52.11*	
07 92 13 00-0061	CLF	3/4" x 3/4" Joint, Polysulfide Sealant And Caulking	737.01	110.53
		For Up To 0.65 CLF, Add	*46.99*	
		For >3.5 CLF, Deduct	*-57.12*	
07 92 13 00-0062	CLF	3/4" x 1" Joint, Polysulfide Sealant And Caulking	902.28	120.58
		For Up To 0.5 CLF, Add	*58.63*	
		For >2.5 CLF, Deduct	*-72.14*	
07 92 13 00-0063		**Flexible Polyurethane Security Sealant And Caulking** *(07 92 13)*		
		Note: 1 or 2 part, non-sag.		
07 92 13 00-0064	CLF	1/4" x 1/4" Joint, Flexible Polyurethane Security Sealant And Caulking	325.90	90.44
		For Up To 6 CLF, Add	*17.66*	
		For >30 CLF, Deduct	*-19.02*	
07 92 13 00-0065	CLF	1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	353.20	90.44
		For Up To 4 CLF, Add	*19.71*	
		For >20 CLF, Deduct	*-21.75*	
07 92 13 00-0066	CLF	1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	390.53	93.45
		For Up To 3 CLF, Add	*22.26*	
		For >15 CLF, Deduct	*-24.99*	
07 92 13 00-0067	CLF	3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	404.18	93.45
		For Up To 2.5 CLF, Add	*23.28*	
		For >13 CLF, Deduct	*-26.35*	
07 92 13 00-0068	CLF	3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	445.12	93.45
		For Up To 2 CLF, Add	*26.35*	
		For >10 CLF, Deduct	*-30.44*	
07 92 13 00-0069	CLF	3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	486.06	93.45
		For Up To 1.5 CLF, Add	*29.42*	
		For >8 CLF, Deduct	*-34.54*	
07 92 13 00-0070	CLF	3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	537.06	97.47
		For Up To 1.3 CLF, Add	*32.99*	
		For >7 CLF, Deduct	*-39.14*	
07 92 13 00-0071	CLF	1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	509.76	97.47
		For Up To 1.4 CLF, Add	*30.95*	
		For >7.5 CLF, Deduct	*-36.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0072	CLF	1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	574.41	100.48
		For Up To 1.15 CLF, Add	*35.64*	
		For >6 CLF, Deduct	*-42.37*	
07 92 13 00-0073	CLF	1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	629.00	100.48
		For Up To 1 CLF, Add	*39.64*	
		For >5 CLF, Deduct	*-47.83*	
07 92 13 00-0074	CLF	1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking	693.63	103.50
		For Up To 0.8 CLF, Add	*44.23*	
		For >4.5 CLF, Deduct	*-53.79*	
07 92 13 00-0075	CLF	1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	758.27	107.52
		For Up To 0.75 CLF, Add	*48.83*	
		For >4 CLF, Deduct	*-59.75*	
07 92 13 00-0076	CLF	3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	822.91	110.53
		For Up To 0.65 CLF, Add	*53.43*	
		For >3.5 CLF, Deduct	*-65.71*	
07 92 13 00-0077	CLF	3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	1,016.82	120.58
		For Up To 0.5 CLF, Add	*67.22*	
		For >2.5 CLF, Deduct	*-83.60*	

07 92 19 Acoustical Joint Sealants *(07 92)*

07 92 19 00-0001 Acoustical Sealant *(07 92 19)*

07 92 19 00-0002	CLF	1/4" x 1/4" Joint, Acoustical Sealant	320.18	90.44
		For Custom Match Coloring, Add	*11.73*	
		For Up To 6 CLF, Add	*17.23*	
		For >30 CLF, Deduct	*-18.45*	
		For 1 Part Mildew Resistant, Add	*17.10*	
		For High-Modulus Non-Acid Curing, Add	*9.77*	
07 92 19 00-0003	CLF	1/4" x 3/8" Joint, Acoustical Sealant	338.74	90.44
		For Custom Match Coloring, Add	*16.18*	
		For Up To 4 CLF, Add	*18.62*	
		For >20 CLF, Deduct	*-20.31*	
		For 1 Part Mildew Resistant, Add	*23.60*	
		For High-Modulus Non-Acid Curing, Add	*13.49*	
07 92 19 00-0004	CLF	1/4" x 1/2" Joint, Acoustical Sealant	359.71	93.45
		For Custom Match Coloring, Add	*18.81*	
		For Up To 3 CLF, Add	*19.94*	
		For >15 CLF, Deduct	*-21.90*	
		For 1 Part Mildew Resistant, Add	*27.43*	
		For High-Modulus Non-Acid Curing, Add	*15.67*	
07 92 19 00-0005	CLF	3/8" x 3/8" Joint, Acoustical Sealant	390.08	93.45
		For Custom Match Coloring, Add	*26.10*	
		For Up To 2.5 CLF, Add	*22.22*	
		For >13 CLF, Deduct	*-24.94*	
		For 1 Part Mildew Resistant, Add	*38.06*	
		For High-Modulus Non-Acid Curing, Add	*21.75*	
07 92 19 00-0006	CLF	3/8" x 1/2" Joint, Acoustical Sealant	421.64	93.45
		For Custom Match Coloring, Add	*33.67*	
		For Up To 2 CLF, Add	*24.59*	
		For >10 CLF, Deduct	*-28.10*	
		For 1 Part Mildew Resistant, Add	*49.10*	
		For High-Modulus Non-Acid Curing, Add	*28.06*	
07 92 19 00-0007	CLF	1/2" x 1/2" Joint, Acoustical Sealant	489.09	97.47
		For Custom Match Coloring, Add	*47.45*	
		For Up To 1.4 CLF, Add	*29.40*	
		For >7.5 CLF, Deduct	*-34.34*	
		For 1 Part Mildew Resistant, Add	*69.19*	
		For High-Modulus Non-Acid Curing, Add	*39.54*	

07 95 Expansion Control *(07 90)*

07 95 13 Expansion Joint Cover Assemblies *(07 95)*

Note: Includes necessary waterproofing mastics/caulking.

07 95 13 13 Interior Expansion Joint Cover Assemblies *(07 95 13)*

07 95 13 13-0001 Interior Floor Expansion Joint Cover Assemblies *(07 95 13 13)*

07 95 13 13-0002 With 1" Space *(07 95 13 13-0001)*

07 95 13 13-0003	LF	1" Opening Floor Assembly Type, With Aluminum Expansion Joint Cover	72.58	6.27
07 95 13 13-0004	LF	1" Opening Floor Assembly Type, With Bronze Expansion Joint Cover	79.02	6.27
07 95 13 13-0005	LF	1" Opening Floor Assembly Type, With Stainless Steel Expansion Joint Cover	73.71	6.27

07 95 13 13-0006 With 2" Space *(07 95 13 13-0001)*

07 95 13 13-0007	LF	2" Opening Floor Assembly Type, Aluminum Expansion Joint Cover	97.83	6.27
07 95 13 13-0008	LF	2" Opening Floor Assembly Type, Bronze Expansion Joint Cover	98.00	6.27
07 95 13 13-0009	LF	2" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover	99.54	6.27

07 95 13 13-0010 Interior Ceiling And Wall Expansion Joint Cover Assemblies *(07 95 13 13)*

07 95 13 13-0011 With 1" Space *(07 95 13 13-0010)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 95 13 13-0012	LF	1" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover	52.77	6.27
07 95 13 13-0013	LF	1" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	65.49	6.27
07 95 13 13-0014	LF	1" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover	66.25	6.27
07 95 13 13-0015		With 2" Space *(07 95 13 13-0010)*		
07 95 13 13-0016	LF	2" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover	67.92	6.27
07 95 13 13-0017	LF	2" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	74.97	6.27
07 95 13 13-0018	LF	2" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover	79.16	6.27
07 95 13 16		**Exterior Expansion Joint Cover Assemblies** *(07 95 13)*		
07 95 13 16-0001		Exterior Roof Aluminum Expansion Joint Cover Assemblies *(07 95 13 16)*		
07 95 13 16-0002		Roof To Roof *(07 95 13 16-0001)*		
07 95 13 16-0003	LF	1" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	99.89	4.18
07 95 13 16-0004	LF	2" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	121.15	4.18
07 95 13 16-0005	LF	3" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	135.80	4.18
07 95 13 16-0006		Roof To Wall *(07 95 13 16-0001)*		
07 95 13 16-0007	LF	1" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint	73.26	4.18
07 95 13 16-0008	LF	2" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint	99.28	4.18
07 95 13 16-0009		Flat Wall To Wall *(07 95 13 16-0001)*		
07 95 13 16-0010	LF	1" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	53.85	4.18
07 95 13 16-0011	LF	2" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	69.46	4.18
07 95 13 16-0012	LF	3" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	88.31	4.18
07 95 13 16-0013		Corner To Flat Wall *(07 95 13 16-0001)*		
07 95 13 16-0014	LF	1" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	50.24	4.18
07 95 13 16-0015	LF	2" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	60.65	4.18
07 95 13 16-0016	LF	3" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	89.90	4.18

END OF SECTION 07

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 Openings

08 01 Operation and Maintenance of Openings *(08)*

08 01 11 Operation and Maintenance of Metal Doors and Frames *(08 01)*

08 01 11 61 Metal Doors and Frames Repair *(08 01 11)*

08 01 11 61-0001 Hollow Metal Door Repair *(08 01 11 61)*

Note: Repairs are based on holes or damage of less than 1/2 of a square foot.

08 01 11 61-0002	EA	Up To 1 SI, Patch Small Drill Holes	22.42	
		Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish		
08 01 11 61-0003	EA	>1 To 6 SI, Patch Small Drill Holes	44.98	
		Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish		
08 01 11 61-0004	LF	Patch Deep Scrapes Or Cuts In Doors	54.17	

08 01 40 Operation and Maintenance of Entrances, Storefronts, and Curtain Walls *(08 01)*

08 01 44 Operation and Maintenance of Curtain Walls *(08 01 40)*

08 01 44 00-0001 Retrofit Curtain Walls *(08 01 44)*

08 01 44 00-0002	EA	Curtain Wall Retrofit Glass Lites, 5' x 7' nominal, 1" IG Viracon VWS7-08 HS/HS Superwindow	2,657.73	1,089.77
08 01 44 00-0003	LF	Curtain Wall Retrofit Exterior Mullion Caps	25.42	6.21
08 01 44 00-0004	LF	Curtain Wall Retrofit Exterior Corner Covers 12" x 12" nominal	105.49	26.90
08 01 44 00-0005	LF	Curtain Wall Retrofit Exterior Parapet Covers	98.62	26.90
08 01 44 00-0006	LF	Curtain Wall Retrofit Remove/Reinstall Existing Mullion	25.87	
08 01 44 00-0007	EA	Curtain Wall Retrofit one time Extrusion Die Engineering/ Manufacture Fee	12,000.00	

08 01 50 Operation and Maintenance of Windows *(08 01)*

08 01 52 Operation and Maintenance of Wood Windows *(08 01 50)*

08 01 52 61 Wood Window Repairs *(08 01 52)*

08 01 52 61-0001 Window Restoration And Replacement *(08 01 52 61)*

08 01 52 61-0002	EA	Removal And Replacement Of Sash Guides	11.53
08 01 52 61-0003	EA	Removal And Replacement Of Window Arms	33.36
08 01 52 61-0004	EA	Removal And Replacement Of Window Crank Operator	37.96
08 01 52 61-0005	EA	Removal And Replacement Of Brass Window Sash Pull	23.44
08 01 52 61-0006	EA	Removal And Replacement Of Brass Window Sash Lock	20.67
08 01 52 61-0007	EA	Removal And Replacement Of Window Balance, Removable Sash Window	25.56
		Note: Channel, spiral or coil balance.	
08 01 52 61-0008	EA	Removal And Replacement Of Window Balance, Sash Window, Wooden Stops And/Or Casing	75.83
		Note: Channel, spiral or coil balance.	
		For Replacing Two Balances In One Window, Deduct	*-27.75*

08 01 80 Maintenance of Glazing *(08 01)*

08 01 81 Maintenance of Glass Glazing *(08 01 80)*

08 01 81 10 Maintenance of Glass Glazing *(08 01 81)*

08 01 81 10-0001 Glazing Compound Repair *(08 01 81 10)*

08 01 81 10-0002	LF	Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing (For Glazing Compound Repair)	5.84

08 05 Common Work Results for Openings *(08)*

08 05 13 Door Options and Modifications *(08 05)*

Note: Excludes removal and reinstallation of door.

08 05 13 00-0001 Door Vision Panels (Pemko LT-S1) *(08 05 13)*

Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.

08 05 13 00-0002	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	140.38
		For 9/16" To 1-1/16" Glazing Pocket, Add	*70.19*
08 05 13 00-0003	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	177.70
		For 9/16" To 1-1/16" Glazing Pocket, Add	*88.85*
08 05 13 00-0004	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	206.13
		For 9/16" To 1-1/16" Glazing Pocket, Add	*103.07*
08 05 13 00-0005	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	262.99
		For 9/16" To 1-1/16" Glazing Pocket, Add	*131.50*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0006		EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	341.18	
			For 9/16" To 1-1/16" Glazing Pocket, Add	*170.59*	
08 05 13 00-0007		EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	435.36	
			For 9/16" To 1-1/16" Glazing Pocket, Add	*217.68*	
08 05 13 00-0008		EA	For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	462.01	
			For 9/16" To 1-1/16" Glazing Pocket, Add	*231.01*	
08 05 13 00-0009		EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	228.15	
			For 9/16" To 1-1/16" Glazing Pocket, Add	*63.81*	
08 05 13 00-0010		EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	272.13	
			For 9/16" To 1-1/16" Glazing Pocket, Add	*80.77*	
08 05 13 00-0011		EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	308.02	
			For 9/16" To 1-1/16" Glazing Pocket, Add	*93.70*	
08 05 13 00-0012		EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	369.77	
			For 9/16" To 1-1/16" Glazing Pocket, Add	*119.54*	
08 05 13 00-0013		EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	450.91	
			For 9/16" To 1-1/16" Glazing Pocket, Add	*155.08*	
08 05 13 00-0014		EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	546.57	
			For 9/16" To 1-1/16" Glazing Pocket, Add	*197.89*	
08 05 13 00-0015		EA	For >10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	580.86	
			For 9/16" To 1-1/16" Glazing Pocket, Add	*210.01*	

08 05 13 00-0016 Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY) *(08 05 13)*

Note: Factory primed or powder coated.

08 05 13 00-0017		EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	133.86	
08 05 13 00-0018		EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	152.06	
08 05 13 00-0019		EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	206.67	
08 05 13 00-0020		EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	385.39	
08 05 13 00-0021		EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	476.59	
08 05 13 00-0022		EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	569.27	
08 05 13 00-0023		EA	For >10 To 14 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	742.85	
08 05 13 00-0024		EA	For >14 To 18 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	874.44	
			For 18 Gauge Louver And 18 Gauge Frame, Add	*104.93*	
08 05 13 00-0025		EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	209.26	
08 05 13 00-0026		EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	234.99	
08 05 13 00-0027		EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	297.15	
08 05 13 00-0028		EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	483.41	
08 05 13 00-0029		EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	582.15	
08 05 13 00-0030		EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	682.36	
08 05 13 00-0031		EA	For >10 To 14 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	863.48	
08 05 13 00-0032		EA	For >14 To 18 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	1,000.10	
			For 18 Gauge Louver And 18 Gauge Frame, Add	*104.93*	

08 05 13 00-0033 Fire Rated Fusible Link Louvers (Pemko LV-FL) *(08 05 13)*

Note: Factory primed or powder coated.

08 05 13 00-0034		EA	For Up To 1 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	271.06	
08 05 13 00-0035		EA	For >1 To 2 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	310.18	
08 05 13 00-0036		EA	For >2 To 4 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	364.34	
08 05 13 00-0037		EA	For Up To 1 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	361.54	
08 05 13 00-0038		EA	For >1 To 2 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	410.71	
08 05 13 00-0039		EA	For >2 To 4 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	472.91	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0040		Door Hardware Preparation *(08 05 13)*		
08 05 13 00-0041	EA	Factory Prepare Wood Door (Rated Or Non-Rated) For Mortise Lockset Hardware	75.36	
08 05 13 00-0042	EA	Prepare Existing Wood Door (Rated) For Mortise Lockset Hardware Note: Requires door to be taken off site for UL certification.	185.89	
08 05 13 00-0043	EA	Prepare Existing Wood Door (Non-Rated) For Mortise Lockset Hardware	85.41	
08 05 13 00-0044	EA	Prepare Existing Wood Door (Rated) For Cylindrical Lockset Hardware Note: Requires door to be taken off site for UL certification.	150.73	
08 05 13 00-0045	EA	Prepare Existing Wood Door (Non-Rated) For Cylindrical Lockset Hardware	25.12	
08 05 13 00-0046	EA	Prepare Existing Wood Door (Rated) For Concealed Vertical Rod Note: Requires door to be taken off site for UL certification.	276.36	
08 05 13 00-0047	EA	Prepare Existing Wood Door (Non-Rated) For Concealed Vertical Rod	175.84	
08 05 13 00-0048	EA	Prepare Existing Wood Door (Rated) For Electric Hardware Note: Requires door to be taken off site for UL certification.	185.89	
08 05 13 00-0049	EA	Prepare Existing Door (Non-Rated) For Electric Hardware	85.41	
08 05 13 00-0050		Door Modifications *(08 05 13)*		
08 05 13 00-0051	EA	Removal And Reinstallation Of Door	85.45	
08 05 13 00-0052	EA	Removal And Reinstallation Of Metal Door Frame	167.55	
08 05 13 00-0053	EA	Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	90.48	
08 05 13 00-0054	EA	Modify Metal Door Frame For Door Swing Note: Includes removal of door; install blank hinge plates, new continuous hinge, blank strike plate, new strike plate and reinstallation of door.	1,189.15	
08 05 13 00-0055	EA	Factory Installed Sound Proofing (STC 28) In Metal Door	182.31	
08 05 13 00-0056	SF	For 16 Gauge Steel Metal Plate Bolted On Door Note: Includes mounting hardware.	31.87	
08 05 13 00-0057	EA	Removal And Reinstallation Of Wood Door Frame	101.33	
08 05 13 00-0058	EA	Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	45.60	
08 05 13 00-0059	EA	Factory Trim Wood Door Edge For Custom Width	65.87	

08 10 Doors and Frames *(08)*

08 11 Metal Doors and Frames *(08 10)*

08 11 63 Metal Screen and Storm Doors and Frames *(08 11)*

08 11 63 13 Steel Screen and Storm Doors and Frames *(08 11 63)*

08 11 63 13-0001		Steel Screen Door *(08 11 63 13)* Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).		
08 11 63 13-0002	EA	2'-8" x 7', Residential, Steel Screen Door With Frame, Trim, Hardware	1,150.22	138.23
08 11 63 13-0003	EA	3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware	1,160.32	143.26
08 11 63 13-0004	EA	Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware	1,278.80	143.26

08 11 63 23 Aluminum Screen and Storm Doors and Frames *(08 11 63)*

08 11 63 23-0001		Aluminum Combination Type With Tempered Glass At Top And Bottom *(08 11 63 23)* Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).		
08 11 63 23-0002	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware	1,025.63	80.43
		For Special Finished, Add	*98.95*	
08 11 63 23-0003	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware	1,081.24	80.43
08 11 63 23-0004	EA	Aluminum Screen Door	289.07	50.24
08 11 63 23-0005	SF	Repair Screen Door	9.00	

08 11 73 Sliding Metal Fire Doors *(08 11)*

08 11 73 00-0001		Motor Operated Fire Door *(08 11 73)* Note: With fusible link, 3 hour rating. Excludes electrical hook-up of motor.		
08 11 73 00-0002	EA	3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	5,018.09	522.73
08 11 73 00-0003	EA	3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	5,461.12	522.73
08 11 73 00-0004	EA	4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	6,212.46	522.73
08 11 73 00-0005	EA	5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	7,018.82	522.73

08 12 Metal Frames *(08 10)*

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

08 12 13 Hollow Metal Frames *(08 12)*

08 12 13 13 Standard Hollow Metal Frames *(08 12 13)*

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

08 12 13 13-0001		4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)* Note: For non-rated or fire rated frame assemblies		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0002		6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*		
08 12 13 13-0003	EA	2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	317.15	75.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*24.95*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*19.96*	
		For Type 304 Stainless Steel Frame, Add	*306.99*	
		For Type 316 Stainless Steel Frame, Add	*356.90*	
		For Baked Enamel Finish, Add	*72.53*	
		For 18 Gauge Frame, Deduct	*-16.64*	
		For 14 Gauge Frame, Add	*41.59*	
		For 12 Gauge Frame, Add	*63.22*	
		For Clear Aluminum Frames (Three Piece), Add	*49.08*	
		For Black Aluminum Frames (Three Piece), Add	*74.86*	
08 12 13 13-0004	EA	2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	363.92	82.93
		For Auxiliary Frame Reinforcement For Hinges, Add	*29.71*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*23.76*	
		For Type 304 Stainless Steel Frame, Add	*364.77*	
		For Type 316 Stainless Steel Frame, Add	*424.18*	
		For Baked Enamel Finish, Add	*84.29*	
		For 18 Gauge Frame, Deduct	*-19.80*	
		For 14 Gauge Frame, Add	*49.51*	
		For 12 Gauge Frame, Add	*75.26*	
		For Clear Aluminum Frames (Three Piece), Add	*58.42*	
		For Black Aluminum Frames (Three Piece), Add	*89.12*	
08 12 13 13-0005	EA	2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	377.14	87.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*30.18*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*24.15*	
		For Type 304 Stainless Steel Frame, Add	*370.97*	
		For Type 316 Stainless Steel Frame, Add	*431.34*	
		For Baked Enamel Finish, Add	*86.75*	
		For 18 Gauge Frame, Deduct	*-20.12*	
		For 14 Gauge Frame, Add	*50.30*	
		For 12 Gauge Frame, Add	*76.46*	
		For Clear Aluminum Frames (Three Piece), Add	*59.36*	
		For Black Aluminum Frames (Three Piece), Add	*90.54*	
08 12 13 13-0006	EA	2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	392.22	95.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*30.18*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*24.15*	
		For Type 304 Stainless Steel Frame, Add	*371.73*	
		For Type 316 Stainless Steel Frame, Add	*432.09*	
		For Baked Enamel Finish, Add	*89.01*	
		For 18 Gauge Frame, Deduct	*-20.12*	
		For 14 Gauge Frame, Add	*50.30*	
		For 12 Gauge Frame, Add	*76.46*	
		For Clear Aluminum Frames (Three Piece), Add	*59.36*	
		For Black Aluminum Frames (Three Piece), Add	*90.54*	
08 12 13 13-0007	EA	2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	400.42	98.02
		For Auxiliary Frame Reinforcement For Hinges, Add	*30.66*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*24.53*	
		For Type 304 Stainless Steel Frame, Add	*377.69*	
		For Type 316 Stainless Steel Frame, Add	*439.00*	
		For Baked Enamel Finish, Add	*90.72*	
		For 18 Gauge Frame, Deduct	*-20.44*	
		For 14 Gauge Frame, Add	*51.10*	
		For 12 Gauge Frame, Add	*77.66*	
		For Clear Aluminum Frames (Three Piece), Add	*60.29*	
		For Black Aluminum Frames (Three Piece), Add	*91.97*	
08 12 13 13-0008	EA	3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	408.61	100.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*31.13*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*24.91*	
		For Type 304 Stainless Steel Frame, Add	*383.64*	
		For Type 316 Stainless Steel Frame, Add	*445.91*	
		For Baked Enamel Finish, Add	*92.42*	
		For 18 Gauge Frame, Deduct	*-20.76*	
		For 14 Gauge Frame, Add	*51.89*	
		For 12 Gauge Frame, Add	*78.87*	
		For Clear Aluminum Frames (Three Piece), Add	*61.23*	
		For Black Aluminum Frames (Three Piece), Add	*93.40*	
08 12 13 13-0009	EA	3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	432.92	105.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.27*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*26.62*	
		For Type 304 Stainless Steel Frame, Add	*409.81*	
		For Type 316 Stainless Steel Frame, Add	*476.36*	
		For Baked Enamel Finish, Add	*98.21*	
		For 18 Gauge Frame, Deduct	*-22.18*	
		For 14 Gauge Frame, Add	*55.45*	
		For 12 Gauge Frame, Add	*84.29*	
		For Clear Aluminum Frames (Three Piece), Add	*65.43*	
		For Black Aluminum Frames (Three Piece), Add	*99.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0010	EA	3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	442.98	110.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.27*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*26.62*	
		For Type 304 Stainless Steel Frame, Add	*410.32*	
		For Type 316 Stainless Steel Frame, Add	*476.86*	
		For Baked Enamel Finish, Add	*99.72*	
		For 18 Gauge Frame, Deduct	*-22.18*	
		For 14 Gauge Frame, Add	*55.45*	
		For 12 Gauge Frame, Add	*84.29*	
		For Clear Aluminum Frames (Three Piece), Add	*65.43*	
		For Black Aluminum Frames (Three Piece), Add	*99.81*	
08 12 13 13-0011	EA	4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	460.95	115.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*34.46*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*27.57*	
		For Type 304 Stainless Steel Frame, Add	*425.08*	
		For Type 316 Stainless Steel Frame, Add	*493.99*	
		For Baked Enamel Finish, Add	*103.60*	
		For 18 Gauge Frame, Deduct	*-22.97*	
		For 14 Gauge Frame, Add	*57.43*	
		For 12 Gauge Frame, Add	*87.30*	
		For Clear Aluminum Frames (Three Piece), Add	*67.77*	
		For Black Aluminum Frames (Three Piece), Add	*103.38*	
08 12 13 13-0012	EA	5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	478.93	120.63
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.65*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*28.52*	
		For Type 304 Stainless Steel Frame, Add	*439.83*	
		For Type 316 Stainless Steel Frame, Add	*511.13*	
		For Baked Enamel Finish, Add	*107.49*	
		For 18 Gauge Frame, Deduct	*-23.77*	
		For 14 Gauge Frame, Add	*59.41*	
		For 12 Gauge Frame, Add	*90.31*	
		For Clear Aluminum Frames (Three Piece), Add	*70.11*	
		For Black Aluminum Frames (Three Piece), Add	*106.94*	
08 12 13 13-0013	EA	5'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	488.98	125.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.65*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*28.52*	
		For Type 304 Stainless Steel Frame, Add	*440.34*	
		For Type 316 Stainless Steel Frame, Add	*511.63*	
		For Baked Enamel Finish, Add	*108.99*	
		For 18 Gauge Frame, Deduct	*-23.77*	
		For 14 Gauge Frame, Add	*59.41*	
		For 12 Gauge Frame, Add	*90.31*	
		For Clear Aluminum Frames (Three Piece), Add	*70.11*	
		For Black Aluminum Frames (Three Piece), Add	*106.94*	
08 12 13 13-0014	EA	5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	497.96	128.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.24*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*28.99*	
		For Type 304 Stainless Steel Frame, Add	*447.72*	
		For Type 316 Stainless Steel Frame, Add	*520.20*	
		For Baked Enamel Finish, Add	*110.94*	
		For 18 Gauge Frame, Deduct	*-24.16*	
		For 14 Gauge Frame, Add	*60.40*	
		For 12 Gauge Frame, Add	*91.81*	
		For Clear Aluminum Frames (Three Piece), Add	*71.27*	
		For Black Aluminum Frames (Three Piece), Add	*108.72*	
08 12 13 13-0015	EA	6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	506.96	130.69
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.84*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*29.47*	
		For Type 304 Stainless Steel Frame, Add	*455.11*	
		For Type 316 Stainless Steel Frame, Add	*528.79*	
		For Baked Enamel Finish, Add	*112.88*	
		For 18 Gauge Frame, Deduct	*-24.56*	
		For 14 Gauge Frame, Add	*61.40*	
		For 12 Gauge Frame, Add	*93.32*	
		For Clear Aluminum Frames (Three Piece), Add	*72.45*	
		For Black Aluminum Frames (Three Piece), Add	*110.51*	
08 12 13 13-0016	EA	7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	527.83	133.21
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.21*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*31.37*	
		For Type 304 Stainless Steel Frame, Add	*483.88*	
		For Type 316 Stainless Steel Frame, Add	*562.30*	
		For Baked Enamel Finish, Add	*118.39*	
		For 18 Gauge Frame, Deduct	*-26.14*	
		For 14 Gauge Frame, Add	*65.36*	
		For 12 Gauge Frame, Add	*99.34*	
		For Clear Aluminum Frames (Three Piece), Add	*77.12*	
		For Black Aluminum Frames (Three Piece), Add	*117.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0017	EA	8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	548.70	135.72
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.59*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*33.27*	
		For Type 304 Stainless Steel Frame, Add	*512.64*	
		For Type 316 Stainless Steel Frame, Add	*595.82*	
		For Baked Enamel Finish, Add	*123.89*	
		For 18 Gauge Frame, Deduct	*-27.73*	
		For 14 Gauge Frame, Add	*69.32*	
		For 12 Gauge Frame, Add	*105.36*	
		For Clear Aluminum Frames (Three Piece), Add	*81.79*	
		For Black Aluminum Frames (Three Piece), Add	*124.77*	
08 12 13 13-0018		>7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*		
08 12 13 13-0019	EA	2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	335.63	75.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*27.73*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*22.18*	
		For Type 304 Stainless Steel Frame, Add	*340.25*	
		For Type 316 Stainless Steel Frame, Add	*395.70*	
		For Baked Enamel Finish, Add	*78.07*	
		For 18 Gauge Frame, Deduct	*-18.48*	
		For 14 Gauge Frame, Add	*46.21*	
		For 12 Gauge Frame, Add	*70.24*	
		For Clear Aluminum Frames (Three Piece), Add	*54.53*	
		For Black Aluminum Frames (Three Piece), Add	*83.18*	
08 12 13 13-0020	EA	2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	385.93	82.93
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.01*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*26.41*	
		For Type 304 Stainless Steel Frame, Add	*404.38*	
		For Type 316 Stainless Steel Frame, Add	*470.40*	
		For Baked Enamel Finish, Add	*90.90*	
		For 18 Gauge Frame, Deduct	*-22.01*	
		For 14 Gauge Frame, Add	*55.01*	
		For 12 Gauge Frame, Add	*83.62*	
		For Clear Aluminum Frames (Three Piece), Add	*64.91*	
		For Black Aluminum Frames (Three Piece), Add	*99.02*	
08 12 13 13-0021	EA	2'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	399.50	87.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.54*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*26.83*	
		For Type 304 Stainless Steel Frame, Add	*411.22*	
		For Type 316 Stainless Steel Frame, Add	*478.29*	
		For Baked Enamel Finish, Add	*93.46*	
		For 18 Gauge Frame, Deduct	*-22.36*	
		For 14 Gauge Frame, Add	*55.89*	
		For 12 Gauge Frame, Add	*84.96*	
		For Clear Aluminum Frames (Three Piece), Add	*65.95*	
		For Black Aluminum Frames (Three Piece), Add	*100.61*	
08 12 13 13-0022	EA	2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	414.58	95.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.54*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*26.83*	
		For Type 304 Stainless Steel Frame, Add	*411.98*	
		For Type 316 Stainless Steel Frame, Add	*479.05*	
		For Baked Enamel Finish, Add	*95.72*	
		For 18 Gauge Frame, Deduct	*-22.36*	
		For 14 Gauge Frame, Add	*55.89*	
		For 12 Gauge Frame, Add	*84.96*	
		For Clear Aluminum Frames (Three Piece), Add	*65.95*	
		For Black Aluminum Frames (Three Piece), Add	*100.61*	
08 12 13 13-0023	EA	2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	423.13	98.02
		For Auxiliary Frame Reinforcement For Hinges, Add	*34.06*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*27.25*	
		For Type 304 Stainless Steel Frame, Add	*418.56*	
		For Type 316 Stainless Steel Frame, Add	*486.69*	
		For Baked Enamel Finish, Add	*97.53*	
		For 18 Gauge Frame, Deduct	*-22.71*	
		For 14 Gauge Frame, Add	*56.77*	
		For 12 Gauge Frame, Add	*86.29*	
		For Clear Aluminum Frames (Three Piece), Add	*66.99*	
		For Black Aluminum Frames (Three Piece), Add	*102.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0024	EA	3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	431.67	100.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*34.59*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*27.67*	
		For Type 304 Stainless Steel Frame, Add	*425.15*	
		For Type 316 Stainless Steel Frame, Add	*494.33*	
		For Baked Enamel Finish, Add	*99.34*	
		For 18 Gauge Frame, Deduct	*-23.06*	
		For 14 Gauge Frame, Add	*57.65*	
		For 12 Gauge Frame, Add	*87.63*	
		For Clear Aluminum Frames (Three Piece), Add	*68.03*	
		For Black Aluminum Frames (Three Piece), Add	*103.77*	
08 12 13 13-0025	EA	3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	457.57	105.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.97*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*29.58*	
		For Type 304 Stainless Steel Frame, Add	*454.18*	
		For Type 316 Stainless Steel Frame, Add	*528.12*	
		For Baked Enamel Finish, Add	*105.60*	
		For 18 Gauge Frame, Deduct	*-24.65*	
		For 14 Gauge Frame, Add	*61.62*	
		For 12 Gauge Frame, Add	*93.65*	
		For Clear Aluminum Frames (Three Piece), Add	*72.71*	
		For Black Aluminum Frames (Three Piece), Add	*110.91*	
08 12 13 13-0026	EA	3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	467.63	110.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.97*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*29.58*	
		For Type 304 Stainless Steel Frame, Add	*454.69*	
		For Type 316 Stainless Steel Frame, Add	*528.62*	
		For Baked Enamel Finish, Add	*107.11*	
		For 18 Gauge Frame, Deduct	*-24.65*	
		For 14 Gauge Frame, Add	*61.62*	
		For 12 Gauge Frame, Add	*93.65*	
		For Clear Aluminum Frames (Three Piece), Add	*72.71*	
		For Black Aluminum Frames (Three Piece), Add	*110.91*	
08 12 13 13-0027	EA	4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	486.48	115.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*38.29*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*30.63*	
		For Type 304 Stainless Steel Frame, Add	*471.03*	
		For Type 316 Stainless Steel Frame, Add	*547.61*	
		For Baked Enamel Finish, Add	*111.26*	
		For 18 Gauge Frame, Deduct	*-25.53*	
		For 14 Gauge Frame, Add	*63.82*	
		For 12 Gauge Frame, Add	*97.00*	
		For Clear Aluminum Frames (Three Piece), Add	*75.30*	
		For Black Aluminum Frames (Three Piece), Add	*114.87*	
08 12 13 13-0028	EA	5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	505.34	120.63
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.61*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*31.69*	
		For Type 304 Stainless Steel Frame, Add	*487.37*	
		For Type 316 Stainless Steel Frame, Add	*566.59*	
		For Baked Enamel Finish, Add	*115.41*	
		For 18 Gauge Frame, Deduct	*-26.41*	
		For 14 Gauge Frame, Add	*66.02*	
		For 12 Gauge Frame, Add	*100.34*	
		For Clear Aluminum Frames (Three Piece), Add	*77.90*	
		For Black Aluminum Frames (Three Piece), Add	*118.83*	
08 12 13 13-0029	EA	5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	515.39	125.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.61*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*31.69*	
		For Type 304 Stainless Steel Frame, Add	*487.87*	
		For Type 316 Stainless Steel Frame, Add	*567.09*	
		For Baked Enamel Finish, Add	*116.92*	
		For 18 Gauge Frame, Deduct	*-26.41*	
		For 14 Gauge Frame, Add	*66.02*	
		For 12 Gauge Frame, Add	*100.34*	
		For Clear Aluminum Frames (Three Piece), Add	*77.90*	
		For Black Aluminum Frames (Three Piece), Add	*118.83*	
08 12 13 13-0030	EA	5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	524.81	128.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*40.27*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*32.22*	
		For Type 304 Stainless Steel Frame, Add	*496.05*	
		For Type 316 Stainless Steel Frame, Add	*576.58*	
		For Baked Enamel Finish, Add	*118.99*	
		For 18 Gauge Frame, Deduct	*-26.85*	
		For 14 Gauge Frame, Add	*67.12*	
		For 12 Gauge Frame, Add	*102.01*	
		For Clear Aluminum Frames (Three Piece), Add	*79.20*	
		For Black Aluminum Frames (Three Piece), Add	*120.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0031	EA	6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	534.24	130.69
		For Auxiliary Frame Reinforcement For Hinges, Add	*40.93*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*32.74*	
		For Type 304 Stainless Steel Frame, Add	*504.22*	
		For Type 316 Stainless Steel Frame, Add	*586.08*	
		For Baked Enamel Finish, Add	*121.07*	
		For 18 Gauge Frame, Deduct	*-27.29*	
		For 14 Gauge Frame, Add	*68.22*	
		For 12 Gauge Frame, Add	*103.69*	
		For Clear Aluminum Frames (Three Piece), Add	*80.49*	
		For Black Aluminum Frames (Three Piece), Add	*122.79*	
08 12 13 13-0032	EA	7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	556.88	133.21
		For Auxiliary Frame Reinforcement For Hinges, Add	*43.57*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*34.86*	
		For Type 304 Stainless Steel Frame, Add	*536.17*	
		For Type 316 Stainless Steel Frame, Add	*623.31*	
		For Baked Enamel Finish, Add	*127.10*	
		For 18 Gauge Frame, Deduct	*-29.05*	
		For 14 Gauge Frame, Add	*72.62*	
		For 12 Gauge Frame, Add	*110.38*	
		For Clear Aluminum Frames (Three Piece), Add	*85.69*	
		For Black Aluminum Frames (Three Piece), Add	*130.71*	
08 12 13 13-0033	EA	8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	579.51	135.72
		For Auxiliary Frame Reinforcement For Hinges, Add	*46.21*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*36.97*	
		For Type 304 Stainless Steel Frame, Add	*568.10*	
		For Type 316 Stainless Steel Frame, Add	*660.52*	
		For Baked Enamel Finish, Add	*133.14*	
		For 18 Gauge Frame, Deduct	*-30.81*	
		For 14 Gauge Frame, Add	*77.02*	
		For 12 Gauge Frame, Add	*117.07*	
		For Clear Aluminum Frames (Three Piece), Add	*90.88*	
		For Black Aluminum Frames (Three Piece), Add	*138.63*	

08 12 13 13-0034 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0035 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*

08 12 13 13-0036	EA	2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	335.63	75.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*27.73*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*22.18*	
		For Type 304 Stainless Steel Frame, Add	*340.25*	
		For Type 316 Stainless Steel Frame, Add	*395.70*	
		For Baked Enamel Finish, Add	*78.07*	
		For 18 Gauge Frame, Deduct	*-18.48*	
		For 14 Gauge Frame, Add	*46.21*	
		For 12 Gauge Frame, Add	*70.24*	
		For Clear Aluminum Frames (Three Piece), Add	*54.53*	
		For Black Aluminum Frames (Three Piece), Add	*83.18*	
08 12 13 13-0037	EA	2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	385.93	82.93
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.01*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*26.41*	
		For Type 304 Stainless Steel Frame, Add	*404.38*	
		For Type 316 Stainless Steel Frame, Add	*470.40*	
		For Baked Enamel Finish, Add	*90.90*	
		For 18 Gauge Frame, Deduct	*-22.01*	
		For 14 Gauge Frame, Add	*55.01*	
		For 12 Gauge Frame, Add	*83.62*	
		For Clear Aluminum Frames (Three Piece), Add	*64.91*	
		For Black Aluminum Frames (Three Piece), Add	*99.02*	
08 12 13 13-0038	EA	2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	399.50	87.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.54*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*26.83*	
		For Type 304 Stainless Steel Frame, Add	*411.22*	
		For Type 316 Stainless Steel Frame, Add	*478.29*	
		For Baked Enamel Finish, Add	*93.46*	
		For 18 Gauge Frame, Deduct	*-22.36*	
		For 14 Gauge Frame, Add	*55.89*	
		For 12 Gauge Frame, Add	*84.96*	
		For Clear Aluminum Frames (Three Piece), Add	*65.95*	
		For Black Aluminum Frames (Three Piece), Add	*100.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0039	EA	2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	414.58	95.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.54*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*26.83*	
		For Type 304 Stainless Steel Frame, Add	*411.98*	
		For Type 316 Stainless Steel Frame, Add	*479.05*	
		For Baked Enamel Finish, Add	*95.72*	
		For 18 Gauge Frame, Deduct	*-22.36*	
		For 14 Gauge Frame, Add	*55.89*	
		For 12 Gauge Frame, Add	*84.96*	
		For Clear Aluminum Frames (Three Piece), Add	*65.95*	
		For Black Aluminum Frames (Three Piece), Add	*100.61*	
08 12 13 13-0040	EA	2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	423.13	98.02
		For Auxiliary Frame Reinforcement For Hinges, Add	*34.06*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*27.25*	
		For Type 304 Stainless Steel Frame, Add	*418.56*	
		For Type 316 Stainless Steel Frame, Add	*486.69*	
		For Baked Enamel Finish, Add	*97.53*	
		For 18 Gauge Frame, Deduct	*-22.71*	
		For 14 Gauge Frame, Add	*56.77*	
		For 12 Gauge Frame, Add	*86.29*	
		For Clear Aluminum Frames (Three Piece), Add	*66.99*	
		For Black Aluminum Frames (Three Piece), Add	*102.19*	
08 12 13 13-0041	EA	3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	431.67	100.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*34.59*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*27.67*	
		For Type 304 Stainless Steel Frame, Add	*425.15*	
		For Type 316 Stainless Steel Frame, Add	*494.33*	
		For Baked Enamel Finish, Add	*99.34*	
		For 18 Gauge Frame, Deduct	*-23.06*	
		For 14 Gauge Frame, Add	*57.65*	
		For 12 Gauge Frame, Add	*87.63*	
		For Clear Aluminum Frames (Three Piece), Add	*68.03*	
		For Black Aluminum Frames (Three Piece), Add	*103.77*	
08 12 13 13-0042	EA	3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	457.57	105.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.97*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*29.58*	
		For Type 304 Stainless Steel Frame, Add	*454.18*	
		For Type 316 Stainless Steel Frame, Add	*528.12*	
		For Baked Enamel Finish, Add	*105.60*	
		For 18 Gauge Frame, Deduct	*-24.65*	
		For 14 Gauge Frame, Add	*61.62*	
		For 12 Gauge Frame, Add	*93.65*	
		For Clear Aluminum Frames (Three Piece), Add	*72.71*	
		For Black Aluminum Frames (Three Piece), Add	*110.91*	
08 12 13 13-0043	EA	3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	467.63	110.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.97*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*29.58*	
		For Type 304 Stainless Steel Frame, Add	*454.69*	
		For Type 316 Stainless Steel Frame, Add	*528.62*	
		For Baked Enamel Finish, Add	*107.11*	
		For 18 Gauge Frame, Deduct	*-24.65*	
		For 14 Gauge Frame, Add	*61.62*	
		For 12 Gauge Frame, Add	*93.65*	
		For Clear Aluminum Frames (Three Piece), Add	*72.71*	
		For Black Aluminum Frames (Three Piece), Add	*110.91*	
08 12 13 13-0044	EA	4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	486.48	115.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*38.29*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*30.63*	
		For Type 304 Stainless Steel Frame, Add	*471.03*	
		For Type 316 Stainless Steel Frame, Add	*547.61*	
		For Baked Enamel Finish, Add	*111.26*	
		For 18 Gauge Frame, Deduct	*-25.53*	
		For 14 Gauge Frame, Add	*63.82*	
		For 12 Gauge Frame, Add	*97.00*	
		For Clear Aluminum Frames (Three Piece), Add	*75.30*	
		For Black Aluminum Frames (Three Piece), Add	*114.87*	
08 12 13 13-0045	EA	5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	505.34	120.63
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.61*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*31.69*	
		For Type 304 Stainless Steel Frame, Add	*487.37*	
		For Type 316 Stainless Steel Frame, Add	*566.59*	
		For Baked Enamel Finish, Add	*115.41*	
		For 18 Gauge Frame, Deduct	*-26.41*	
		For 14 Gauge Frame, Add	*66.02*	
		For 12 Gauge Frame, Add	*100.34*	
		For Clear Aluminum Frames (Three Piece), Add	*77.90*	
		For Black Aluminum Frames (Three Piece), Add	*118.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0046	EA	5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	515.39	125.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.61*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*31.69*	
		For Type 304 Stainless Steel Frame, Add	*487.87*	
		For Type 316 Stainless Steel Frame, Add	*567.09*	
		For Baked Enamel Finish, Add	*116.92*	
		For 18 Gauge Frame, Deduct	*-26.41*	
		For 14 Gauge Frame, Add	*66.02*	
		For 12 Gauge Frame, Add	*100.34*	
		For Clear Aluminum Frames (Three Piece), Add	*77.90*	
		For Black Aluminum Frames (Three Piece), Add	*118.83*	
08 12 13 13-0047	EA	5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	524.81	128.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*40.27*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*32.22*	
		For Type 304 Stainless Steel Frame, Add	*496.05*	
		For Type 316 Stainless Steel Frame, Add	*576.58*	
		For Baked Enamel Finish, Add	*118.99*	
		For 18 Gauge Frame, Deduct	*-26.85*	
		For 14 Gauge Frame, Add	*67.12*	
		For 12 Gauge Frame, Add	*102.01*	
		For Clear Aluminum Frames (Three Piece), Add	*79.20*	
		For Black Aluminum Frames (Three Piece), Add	*120.81*	
08 12 13 13-0048	EA	6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	534.24	130.69
		For Auxiliary Frame Reinforcement For Hinges, Add	*40.93*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*32.74*	
		For Type 304 Stainless Steel Frame, Add	*504.22*	
		For Type 316 Stainless Steel Frame, Add	*586.08*	
		For Baked Enamel Finish, Add	*121.07*	
		For 18 Gauge Frame, Deduct	*-27.29*	
		For 14 Gauge Frame, Add	*68.22*	
		For 12 Gauge Frame, Add	*103.69*	
		For Clear Aluminum Frames (Three Piece), Add	*80.49*	
		For Black Aluminum Frames (Three Piece), Add	*122.79*	
08 12 13 13-0049	EA	7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	556.88	133.21
		For Auxiliary Frame Reinforcement For Hinges, Add	*43.57*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*34.86*	
		For Type 304 Stainless Steel Frame, Add	*536.17*	
		For Type 316 Stainless Steel Frame, Add	*623.31*	
		For Baked Enamel Finish, Add	*127.10*	
		For 18 Gauge Frame, Deduct	*-29.05*	
		For 14 Gauge Frame, Add	*72.62*	
		For 12 Gauge Frame, Add	*110.38*	
		For Clear Aluminum Frames (Three Piece), Add	*85.69*	
		For Black Aluminum Frames (Three Piece), Add	*130.71*	
08 12 13 13-0050	EA	8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	579.51	135.72
		For Auxiliary Frame Reinforcement For Hinges, Add	*46.21*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*36.97*	
		For Type 304 Stainless Steel Frame, Add	*568.10*	
		For Type 316 Stainless Steel Frame, Add	*660.52*	
		For Baked Enamel Finish, Add	*133.14*	
		For 18 Gauge Frame, Deduct	*-30.81*	
		For 14 Gauge Frame, Add	*77.02*	
		For 12 Gauge Frame, Add	*117.07*	
		For Clear Aluminum Frames (Three Piece), Add	*90.88*	
		For Black Aluminum Frames (Three Piece), Add	*138.63*	
08 12 13 13-0051		>7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*		
08 12 13 13-0052	EA	2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	356.17	75.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*30.81*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*24.65*	
		For Type 304 Stainless Steel Frame, Add	*377.22*	
		For Type 316 Stainless Steel Frame, Add	*438.84*	
		For Baked Enamel Finish, Add	*84.23*	
		For 18 Gauge Frame, Deduct	*-20.54*	
		For 14 Gauge Frame, Add	*51.35*	
		For 12 Gauge Frame, Add	*78.04*	
		For Clear Aluminum Frames (Three Piece), Add	*60.59*	
		For Black Aluminum Frames (Three Piece), Add	*92.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0053	EA	2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	410.38	82.93
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.68*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*29.34*	
		For Type 304 Stainless Steel Frame, Add	*448.39*	
		For Type 316 Stainless Steel Frame, Add	*521.74*	
		For Baked Enamel Finish, Add	*98.23*	
		For 18 Gauge Frame, Deduct	*-24.45*	
		For 14 Gauge Frame, Add	*61.13*	
		For 12 Gauge Frame, Add	*92.91*	
		For Clear Aluminum Frames (Three Piece), Add	*72.13*	
		For Black Aluminum Frames (Three Piece), Add	*110.03*	
08 12 13 13-0054	EA	2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	424.34	87.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*37.26*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*29.81*	
		For Type 304 Stainless Steel Frame, Add	*455.93*	
		For Type 316 Stainless Steel Frame, Add	*530.46*	
		For Baked Enamel Finish, Add	*100.91*	
		For 18 Gauge Frame, Deduct	*-24.84*	
		For 14 Gauge Frame, Add	*62.10*	
		For 12 Gauge Frame, Add	*94.40*	
		For Clear Aluminum Frames (Three Piece), Add	*73.28*	
		For Black Aluminum Frames (Three Piece), Add	*111.78*	
08 12 13 13-0055	EA	2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	439.42	95.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*37.26*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*29.81*	
		For Type 304 Stainless Steel Frame, Add	*456.69*	
		For Type 316 Stainless Steel Frame, Add	*531.21*	
		For Baked Enamel Finish, Add	*103.17*	
		For 18 Gauge Frame, Deduct	*-24.84*	
		For 14 Gauge Frame, Add	*62.10*	
		For 12 Gauge Frame, Add	*94.40*	
		For Clear Aluminum Frames (Three Piece), Add	*73.28*	
		For Black Aluminum Frames (Three Piece), Add	*111.78*	
08 12 13 13-0056	EA	2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	448.36	98.02
		For Auxiliary Frame Reinforcement For Hinges, Add	*37.85*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*30.28*	
		For Type 304 Stainless Steel Frame, Add	*463.98*	
		For Type 316 Stainless Steel Frame, Add	*539.67*	
		For Baked Enamel Finish, Add	*105.10*	
		For 18 Gauge Frame, Deduct	*-25.23*	
		For 14 Gauge Frame, Add	*63.08*	
		For 12 Gauge Frame, Add	*95.88*	
		For Clear Aluminum Frames (Three Piece), Add	*74.43*	
		For Black Aluminum Frames (Three Piece), Add	*113.54*	
08 12 13 13-0057	EA	3' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	457.30	100.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*38.44*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*30.75*	
		For Type 304 Stainless Steel Frame, Add	*471.29*	
		For Type 316 Stainless Steel Frame, Add	*548.16*	
		For Baked Enamel Finish, Add	*107.03*	
		For 18 Gauge Frame, Deduct	*-25.62*	
		For 14 Gauge Frame, Add	*64.06*	
		For 12 Gauge Frame, Add	*97.37*	
		For Clear Aluminum Frames (Three Piece), Add	*75.59*	
		For Black Aluminum Frames (Three Piece), Add	*115.31*	
08 12 13 13-0058	EA	3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	484.95	105.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.08*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*32.86*	
		For Type 304 Stainless Steel Frame, Add	*503.47*	
		For Type 316 Stainless Steel Frame, Add	*585.62*	
		For Baked Enamel Finish, Add	*113.82*	
		For 18 Gauge Frame, Deduct	*-27.38*	
		For 14 Gauge Frame, Add	*68.46*	
		For 12 Gauge Frame, Add	*104.06*	
		For Clear Aluminum Frames (Three Piece), Add	*80.78*	
		For Black Aluminum Frames (Three Piece), Add	*123.23*	
08 12 13 13-0059	EA	3'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	495.01	110.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.08*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*32.86*	
		For Type 304 Stainless Steel Frame, Add	*503.97*	
		For Type 316 Stainless Steel Frame, Add	*586.12*	
		For Baked Enamel Finish, Add	*115.33*	
		For 18 Gauge Frame, Deduct	*-27.38*	
		For 14 Gauge Frame, Add	*68.46*	
		For 12 Gauge Frame, Add	*104.06*	
		For Clear Aluminum Frames (Three Piece), Add	*80.78*	
		For Black Aluminum Frames (Three Piece), Add	*123.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0060	EA	4' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	514.84	115.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*42.54*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*34.03*	
		For Type 304 Stainless Steel Frame, Add	*522.08*	
		For Type 316 Stainless Steel Frame, Add	*607.16*	
		For Baked Enamel Finish, Add	*119.77*	
		For 18 Gauge Frame, Deduct	*-28.36*	
		For 14 Gauge Frame, Add	*70.91*	
		For 12 Gauge Frame, Add	*107.78*	
		For Clear Aluminum Frames (Three Piece), Add	*83.67*	
		For Black Aluminum Frames (Three Piece), Add	*127.63*	
08 12 13 13-0061	EA	5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	534.68	120.63
		For Auxiliary Frame Reinforcement For Hinges, Add	*44.01*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*35.21*	
		For Type 304 Stainless Steel Frame, Add	*540.18*	
		For Type 316 Stainless Steel Frame, Add	*628.20*	
		For Baked Enamel Finish, Add	*124.21*	
		For 18 Gauge Frame, Deduct	*-29.34*	
		For 14 Gauge Frame, Add	*73.35*	
		For 12 Gauge Frame, Add	*111.49*	
		For Clear Aluminum Frames (Three Piece), Add	*86.55*	
		For Black Aluminum Frames (Three Piece), Add	*132.03*	
08 12 13 13-0062	EA	5'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	544.73	125.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*44.01*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*35.21*	
		For Type 304 Stainless Steel Frame, Add	*540.69*	
		For Type 316 Stainless Steel Frame, Add	*628.71*	
		For Baked Enamel Finish, Add	*125.72*	
		For 18 Gauge Frame, Deduct	*-29.34*	
		For 14 Gauge Frame, Add	*73.35*	
		For 12 Gauge Frame, Add	*111.49*	
		For Clear Aluminum Frames (Three Piece), Add	*86.55*	
		For Black Aluminum Frames (Three Piece), Add	*132.03*	
08 12 13 13-0063	EA	5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	554.64	128.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*44.74*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*35.79*	
		For Type 304 Stainless Steel Frame, Add	*549.74*	
		For Type 316 Stainless Steel Frame, Add	*639.23*	
		For Baked Enamel Finish, Add	*127.94*	
		For 18 Gauge Frame, Deduct	*-29.83*	
		For 14 Gauge Frame, Add	*74.57*	
		For 12 Gauge Frame, Add	*113.35*	
		For Clear Aluminum Frames (Three Piece), Add	*88.00*	
		For Black Aluminum Frames (Three Piece), Add	*134.23*	
08 12 13 13-0064	EA	6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	564.56	130.69
		For Auxiliary Frame Reinforcement For Hinges, Add	*45.48*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*36.38*	
		For Type 304 Stainless Steel Frame, Add	*558.79*	
		For Type 316 Stainless Steel Frame, Add	*649.75*	
		For Baked Enamel Finish, Add	*130.16*	
		For 18 Gauge Frame, Deduct	*-30.32*	
		For 14 Gauge Frame, Add	*75.80*	
		For 12 Gauge Frame, Add	*115.21*	
		For Clear Aluminum Frames (Three Piece), Add	*89.44*	
		For Black Aluminum Frames (Three Piece), Add	*136.43*	
08 12 13 13-0065	EA	7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	589.15	133.21
		For Auxiliary Frame Reinforcement For Hinges, Add	*48.41*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*38.73*	
		For Type 304 Stainless Steel Frame, Add	*594.25*	
		For Type 316 Stainless Steel Frame, Add	*691.07*	
		For Baked Enamel Finish, Add	*136.78*	
		For 18 Gauge Frame, Deduct	*-32.27*	
		For 14 Gauge Frame, Add	*80.69*	
		For 12 Gauge Frame, Add	*122.64*	
		For Clear Aluminum Frames (Three Piece), Add	*95.21*	
		For Black Aluminum Frames (Three Piece), Add	*145.23*	
08 12 13 13-0066	EA	8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	613.74	135.72
		For Auxiliary Frame Reinforcement For Hinges, Add	*51.35*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*41.08*	
		For Type 304 Stainless Steel Frame, Add	*629.71*	
		For Type 316 Stainless Steel Frame, Add	*732.40*	
		For Baked Enamel Finish, Add	*143.41*	
		For 18 Gauge Frame, Deduct	*-34.23*	
		For 14 Gauge Frame, Add	*85.58*	
		For 12 Gauge Frame, Add	*130.07*	
		For Clear Aluminum Frames (Three Piece), Add	*100.98*	
		For Black Aluminum Frames (Three Piece), Add	*154.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0067		6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*		
		Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0068		6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*		
08 12 13 13-0069	EA	2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	443.42	75.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*43.89*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*35.12*	
		For Type 304 Stainless Steel Frame, Add	*534.27*	
		For Type 316 Stainless Steel Frame, Add	*622.06*	
		For Baked Enamel Finish, Add	*110.41*	
		For 18 Gauge Frame, Deduct	*-29.26*	
		For 14 Gauge Frame, Add	*73.16*	
		For 12 Gauge Frame, Add	*111.20*	
		For Clear Aluminum Frames (Three Piece), Add	*86.33*	
		For Black Aluminum Frames (Three Piece), Add	*131.68*	
08 12 13 13-0070	EA	2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	514.24	82.93
		For Auxiliary Frame Reinforcement For Hinges, Add	*52.25*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*41.80*	
		For Type 304 Stainless Steel Frame, Add	*635.34*	
		For Type 316 Stainless Steel Frame, Add	*739.85*	
		For Baked Enamel Finish, Add	*129.39*	
		For 18 Gauge Frame, Deduct	*-34.84*	
		For 14 Gauge Frame, Add	*87.09*	
		For 12 Gauge Frame, Add	*132.38*	
		For Clear Aluminum Frames (Three Piece), Add	*102.77*	
		For Black Aluminum Frames (Three Piece), Add	*156.76*	
08 12 13 13-0071	EA	2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	529.87	87.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*53.09*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*42.47*	
		For Type 304 Stainless Steel Frame, Add	*645.89*	
		For Type 316 Stainless Steel Frame, Add	*752.07*	
		For Baked Enamel Finish, Add	*132.57*	
		For 18 Gauge Frame, Deduct	*-35.39*	
		For 14 Gauge Frame, Add	*88.49*	
		For 12 Gauge Frame, Add	*134.50*	
		For Clear Aluminum Frames (Three Piece), Add	*104.41*	
		For Black Aluminum Frames (Three Piece), Add	*159.27*	
08 12 13 13-0072	EA	2'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	544.95	95.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*53.09*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*42.47*	
		For Type 304 Stainless Steel Frame, Add	*646.64*	
		For Type 316 Stainless Steel Frame, Add	*752.82*	
		For Baked Enamel Finish, Add	*134.83*	
		For 18 Gauge Frame, Deduct	*-35.39*	
		For 14 Gauge Frame, Add	*88.49*	
		For 12 Gauge Frame, Add	*134.50*	
		For Clear Aluminum Frames (Three Piece), Add	*104.41*	
		For Black Aluminum Frames (Three Piece), Add	*159.27*	
08 12 13 13-0073	EA	2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	555.55	98.02
		For Auxiliary Frame Reinforcement For Hinges, Add	*53.93*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*43.14*	
		For Type 304 Stainless Steel Frame, Add	*656.92*	
		For Type 316 Stainless Steel Frame, Add	*764.77*	
		For Baked Enamel Finish, Add	*137.26*	
		For 18 Gauge Frame, Deduct	*-35.95*	
		For 14 Gauge Frame, Add	*89.88*	
		For 12 Gauge Frame, Add	*136.61*	
		For Clear Aluminum Frames (Three Piece), Add	*106.06*	
		For Black Aluminum Frames (Three Piece), Add	*161.78*	
08 12 13 13-0074	EA	3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	566.14	100.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*54.76*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*43.81*	
		For Type 304 Stainless Steel Frame, Add	*667.20*	
		For Type 316 Stainless Steel Frame, Add	*776.72*	
		For Baked Enamel Finish, Add	*139.68*	
		For 18 Gauge Frame, Deduct	*-36.51*	
		For 14 Gauge Frame, Add	*91.27*	
		For 12 Gauge Frame, Add	*138.73*	
		For Clear Aluminum Frames (Three Piece), Add	*107.70*	
		For Black Aluminum Frames (Three Piece), Add	*164.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0075	EA	3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	601.28	105.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*58.53*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*46.82*	
		For Type 304 Stainless Steel Frame, Add	*712.86*	
		For Type 316 Stainless Steel Frame, Add	*829.91*	
		For Baked Enamel Finish, Add	*148.72*	
		For 18 Gauge Frame, Deduct	*-39.02*	
		For 14 Gauge Frame, Add	*97.54*	
		For 12 Gauge Frame, Add	*148.26*	
		For Clear Aluminum Frames (Three Piece), Add	*115.10*	
		For Black Aluminum Frames (Three Piece), Add	*175.58*	
08 12 13 13-0076	EA	3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	611.34	110.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*58.53*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*46.82*	
		For Type 304 Stainless Steel Frame, Add	*713.36*	
		For Type 316 Stainless Steel Frame, Add	*830.42*	
		For Baked Enamel Finish, Add	*150.23*	
		For 18 Gauge Frame, Deduct	*-39.02*	
		For 14 Gauge Frame, Add	*97.54*	
		For 12 Gauge Frame, Add	*148.26*	
		For Clear Aluminum Frames (Three Piece), Add	*115.10*	
		For Black Aluminum Frames (Three Piece), Add	*175.58*	
08 12 13 13-0077	EA	4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	635.32	115.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*60.62*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*48.49*	
		For Type 304 Stainless Steel Frame, Add	*738.94*	
		For Type 316 Stainless Steel Frame, Add	*860.17*	
		For Baked Enamel Finish, Add	*155.91*	
		For 18 Gauge Frame, Deduct	*-40.41*	
		For 14 Gauge Frame, Add	*101.03*	
		For 12 Gauge Frame, Add	*153.56*	
		For Clear Aluminum Frames (Three Piece), Add	*119.21*	
		For Black Aluminum Frames (Three Piece), Add	*181.85*	
08 12 13 13-0078	EA	5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	659.32	120.63
		For Auxiliary Frame Reinforcement For Hinges, Add	*62.71*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*50.16*	
		For Type 304 Stainless Steel Frame, Add	*764.54*	
		For Type 316 Stainless Steel Frame, Add	*889.95*	
		For Baked Enamel Finish, Add	*161.60*	
		For 18 Gauge Frame, Deduct	*-41.80*	
		For 14 Gauge Frame, Add	*104.51*	
		For 12 Gauge Frame, Add	*158.86*	
		For Clear Aluminum Frames (Three Piece), Add	*123.32*	
		For Black Aluminum Frames (Three Piece), Add	*188.12*	
08 12 13 13-0079	EA	5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	669.37	125.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*62.71*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*50.16*	
		For Type 304 Stainless Steel Frame, Add	*765.04*	
		For Type 316 Stainless Steel Frame, Add	*890.45*	
		For Baked Enamel Finish, Add	*163.11*	
		For 18 Gauge Frame, Deduct	*-41.80*	
		For 14 Gauge Frame, Add	*104.51*	
		For 12 Gauge Frame, Add	*158.86*	
		For Clear Aluminum Frames (Three Piece), Add	*123.32*	
		For Black Aluminum Frames (Three Piece), Add	*188.12*	
08 12 13 13-0080	EA	5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	681.35	128.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*63.75*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*51.00*	
		For Type 304 Stainless Steel Frame, Add	*777.82*	
		For Type 316 Stainless Steel Frame, Add	*905.32*	
		For Baked Enamel Finish, Add	*165.95*	
		For 18 Gauge Frame, Deduct	*-42.50*	
		For 14 Gauge Frame, Add	*106.25*	
		For 12 Gauge Frame, Add	*161.50*	
		For Clear Aluminum Frames (Three Piece), Add	*125.38*	
		For Black Aluminum Frames (Three Piece), Add	*191.25*	
08 12 13 13-0081	EA	6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	693.35	130.69
		For Auxiliary Frame Reinforcement For Hinges, Add	*64.80*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*51.84*	
		For Type 304 Stainless Steel Frame, Add	*790.62*	
		For Type 316 Stainless Steel Frame, Add	*920.21*	
		For Baked Enamel Finish, Add	*168.80*	
		For 18 Gauge Frame, Deduct	*-43.20*	
		For 14 Gauge Frame, Add	*107.99*	
		For 12 Gauge Frame, Add	*164.15*	
		For Clear Aluminum Frames (Three Piece), Add	*127.43*	
		For Black Aluminum Frames (Three Piece), Add	*194.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0082	EA	7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	726.25	133.21
		For Auxiliary Frame Reinforcement For Hinges, Add	*68.98*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*55.18*	
		For Type 304 Stainless Steel Frame, Add	*841.03*	
		For Type 316 Stainless Steel Frame, Add	*978.98*	
		For Baked Enamel Finish, Add	*177.91*	
		For 18 Gauge Frame, Deduct	*-45.98*	
		For 14 Gauge Frame, Add	*114.96*	
		For 12 Gauge Frame, Add	*174.74*	
		For Clear Aluminum Frames (Three Piece), Add	*135.65*	
		For Black Aluminum Frames (Three Piece), Add	*206.93*	
08 12 13 13-0083	EA	8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	759.15	135.72
		For Auxiliary Frame Reinforcement For Hinges, Add	*73.16*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*58.53*	
		For Type 304 Stainless Steel Frame, Add	*891.45*	
		For Type 316 Stainless Steel Frame, Add	*1,037.76*	
		For Baked Enamel Finish, Add	*187.03*	
		For 18 Gauge Frame, Deduct	*-48.77*	
		For 14 Gauge Frame, Add	*121.93*	
		For 12 Gauge Frame, Add	*185.33*	
		For Clear Aluminum Frames (Three Piece), Add	*143.87*	
		For Black Aluminum Frames (Three Piece), Add	*219.47*	
08 12 13 13-0084		>7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*		
08 12 13 13-0085	EA	2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	475.93	75.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*48.77*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*39.02*	
		For Type 304 Stainless Steel Frame, Add	*592.79*	
		For Type 316 Stainless Steel Frame, Add	*690.33*	
		For Baked Enamel Finish, Add	*120.16*	
		For 18 Gauge Frame, Deduct	*-32.51*	
		For 14 Gauge Frame, Add	*81.29*	
		For 12 Gauge Frame, Add	*123.55*	
		For Clear Aluminum Frames (Three Piece), Add	*95.92*	
		For Black Aluminum Frames (Three Piece), Add	*146.31*	
08 12 13 13-0086	EA	2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	552.95	82.93
		For Auxiliary Frame Reinforcement For Hinges, Add	*58.06*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*46.45*	
		For Type 304 Stainless Steel Frame, Add	*705.02*	
		For Type 316 Stainless Steel Frame, Add	*821.14*	
		For Baked Enamel Finish, Add	*141.00*	
		For 18 Gauge Frame, Deduct	*-38.71*	
		For 14 Gauge Frame, Add	*96.77*	
		For 12 Gauge Frame, Add	*147.09*	
		For Clear Aluminum Frames (Three Piece), Add	*114.19*	
		For Black Aluminum Frames (Three Piece), Add	*174.18*	
08 12 13 13-0087	EA	2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	569.19	87.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*58.99*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*47.19*	
		For Type 304 Stainless Steel Frame, Add	*716.66*	
		For Type 316 Stainless Steel Frame, Add	*834.64*	
		For Baked Enamel Finish, Add	*144.37*	
		For 18 Gauge Frame, Deduct	*-39.33*	
		For 14 Gauge Frame, Add	*98.32*	
		For 12 Gauge Frame, Add	*149.44*	
		For Clear Aluminum Frames (Three Piece), Add	*116.01*	
		For Black Aluminum Frames (Three Piece), Add	*176.97*	
08 12 13 13-0088	EA	2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	584.27	95.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*58.99*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*47.19*	
		For Type 304 Stainless Steel Frame, Add	*717.42*	
		For Type 316 Stainless Steel Frame, Add	*835.40*	
		For Baked Enamel Finish, Add	*146.63*	
		For 18 Gauge Frame, Deduct	*-39.33*	
		For 14 Gauge Frame, Add	*98.32*	
		For 12 Gauge Frame, Add	*149.44*	
		For Clear Aluminum Frames (Three Piece), Add	*116.01*	
		For Black Aluminum Frames (Three Piece), Add	*176.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0089	EA	2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	595.50	98.02
		For Auxiliary Frame Reinforcement For Hinges, Add	*59.92*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*47.94*	
		For Type 304 Stainless Steel Frame, Add	*728.83*	
		For Type 316 Stainless Steel Frame, Add	*848.67*	
		For Baked Enamel Finish, Add	*149.24*	
		For 18 Gauge Frame, Deduct	*-39.95*	
		For 14 Gauge Frame, Add	*99.87*	
		For 12 Gauge Frame, Add	*151.79*	
		For Clear Aluminum Frames (Three Piece), Add	*117.84*	
		For Black Aluminum Frames (Three Piece), Add	*179.76*	
08 12 13 13-0090	EA	3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	606.71	100.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*60.85*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*48.68*	
		For Type 304 Stainless Steel Frame, Add	*740.22*	
		For Type 316 Stainless Steel Frame, Add	*861.92*	
		For Baked Enamel Finish, Add	*151.85*	
		For 18 Gauge Frame, Deduct	*-40.57*	
		For 14 Gauge Frame, Add	*101.41*	
		For 12 Gauge Frame, Add	*154.15*	
		For Clear Aluminum Frames (Three Piece), Add	*119.67*	
		For Black Aluminum Frames (Three Piece), Add	*182.54*	
08 12 13 13-0091	EA	3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	644.63	105.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*65.03*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*52.02*	
		For Type 304 Stainless Steel Frame, Add	*790.89*	
		For Type 316 Stainless Steel Frame, Add	*920.95*	
		For Baked Enamel Finish, Add	*161.72*	
		For 18 Gauge Frame, Deduct	*-43.35*	
		For 14 Gauge Frame, Add	*108.38*	
		For 12 Gauge Frame, Add	*164.74*	
		For Clear Aluminum Frames (Three Piece), Add	*127.89*	
		For Black Aluminum Frames (Three Piece), Add	*195.08*	
08 12 13 13-0092	EA	3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	654.69	110.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*65.03*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*52.02*	
		For Type 304 Stainless Steel Frame, Add	*791.39*	
		For Type 316 Stainless Steel Frame, Add	*921.45*	
		For Baked Enamel Finish, Add	*163.23*	
		For 18 Gauge Frame, Deduct	*-43.35*	
		For 14 Gauge Frame, Add	*108.38*	
		For 12 Gauge Frame, Add	*164.74*	
		For Clear Aluminum Frames (Three Piece), Add	*127.89*	
		For Black Aluminum Frames (Three Piece), Add	*195.08*	
08 12 13 13-0093	EA	4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	680.22	115.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*67.35*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*53.88*	
		For Type 304 Stainless Steel Frame, Add	*819.76*	
		For Type 316 Stainless Steel Frame, Add	*954.46*	
		For Baked Enamel Finish, Add	*169.38*	
		For 18 Gauge Frame, Deduct	*-44.90*	
		For 14 Gauge Frame, Add	*112.25*	
		For 12 Gauge Frame, Add	*170.62*	
		For Clear Aluminum Frames (Three Piece), Add	*132.46*	
		For Black Aluminum Frames (Three Piece), Add	*202.05*	
08 12 13 13-0094	EA	5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	705.76	120.63
		For Auxiliary Frame Reinforcement For Hinges, Add	*69.67*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*55.74*	
		For Type 304 Stainless Steel Frame, Add	*848.13*	
		For Type 316 Stainless Steel Frame, Add	*987.47*	
		For Baked Enamel Finish, Add	*175.54*	
		For 18 Gauge Frame, Deduct	*-46.45*	
		For 14 Gauge Frame, Add	*116.12*	
		For 12 Gauge Frame, Add	*176.50*	
		For Clear Aluminum Frames (Three Piece), Add	*137.02*	
		For Black Aluminum Frames (Three Piece), Add	*209.02*	
08 12 13 13-0095	EA	5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	715.81	125.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*69.67*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*55.74*	
		For Type 304 Stainless Steel Frame, Add	*848.63*	
		For Type 316 Stainless Steel Frame, Add	*987.97*	
		For Baked Enamel Finish, Add	*177.04*	
		For 18 Gauge Frame, Deduct	*-46.45*	
		For 14 Gauge Frame, Add	*116.12*	
		For 12 Gauge Frame, Add	*176.50*	
		For Clear Aluminum Frames (Three Piece), Add	*137.02*	
		For Black Aluminum Frames (Three Piece), Add	*209.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0096	EA	5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	728.58	128.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*70.83*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*56.67*	
		For Type 304 Stainless Steel Frame, Add	*862.83*	
		For Type 316 Stainless Steel Frame, Add	*1,004.50*	
		For Baked Enamel Finish, Add	*180.12*	
		For 18 Gauge Frame, Deduct	*-47.22*	
		For 14 Gauge Frame, Add	*118.06*	
		For 12 Gauge Frame, Add	*179.45*	
		For Clear Aluminum Frames (Three Piece), Add	*139.31*	
		For Black Aluminum Frames (Three Piece), Add	*212.50*	
08 12 13 13-0097	EA	6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	741.35	130.69
		For Auxiliary Frame Reinforcement For Hinges, Add	*72.00*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*57.60*	
		For Type 304 Stainless Steel Frame, Add	*877.02*	
		For Type 316 Stainless Steel Frame, Add	*1,021.01*	
		For Baked Enamel Finish, Add	*183.20*	
		For 18 Gauge Frame, Deduct	*-48.00*	
		For 14 Gauge Frame, Add	*119.99*	
		For 12 Gauge Frame, Add	*182.39*	
		For Clear Aluminum Frames (Three Piece), Add	*141.59*	
		For Black Aluminum Frames (Three Piece), Add	*215.99*	
08 12 13 13-0098	EA	7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	777.34	133.21
		For Auxiliary Frame Reinforcement For Hinges, Add	*76.64*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*61.31*	
		For Type 304 Stainless Steel Frame, Add	*932.99*	
		For Type 316 Stainless Steel Frame, Add	*1,086.27*	
		For Baked Enamel Finish, Add	*193.24*	
		For 18 Gauge Frame, Deduct	*-51.09*	
		For 14 Gauge Frame, Add	*127.73*	
		For 12 Gauge Frame, Add	*194.15*	
		For Clear Aluminum Frames (Three Piece), Add	*150.72*	
		For Black Aluminum Frames (Three Piece), Add	*229.92*	
08 12 13 13-0099	EA	8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	813.34	135.72
		For Auxiliary Frame Reinforcement For Hinges, Add	*81.29*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*65.03*	
		For Type 304 Stainless Steel Frame, Add	*988.99*	
		For Type 316 Stainless Steel Frame, Add	*1,151.56*	
		For Baked Enamel Finish, Add	*203.29*	
		For 18 Gauge Frame, Deduct	*-54.19*	
		For 14 Gauge Frame, Add	*135.48*	
		For 12 Gauge Frame, Add	*205.92*	
		For Clear Aluminum Frames (Three Piece), Add	*159.86*	
		For Black Aluminum Frames (Three Piece), Add	*243.86*	

08 12 13 13-0100 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0101 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*

08 12 13 13-0102	EA	2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	465.36	75.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*47.19*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*37.75*	
		For Type 304 Stainless Steel Frame, Add	*573.77*	
		For Type 316 Stainless Steel Frame, Add	*668.14*	
		For Baked Enamel Finish, Add	*116.99*	
		For 18 Gauge Frame, Deduct	*-31.46*	
		For 14 Gauge Frame, Add	*78.64*	
		For 12 Gauge Frame, Add	*119.54*	
08 12 13 13-0103	EA	2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	540.37	82.93
		For Auxiliary Frame Reinforcement For Hinges, Add	*56.17*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*44.94*	
		For Type 304 Stainless Steel Frame, Add	*682.38*	
		For Type 316 Stainless Steel Frame, Add	*794.72*	
		For Baked Enamel Finish, Add	*137.23*	
		For 18 Gauge Frame, Deduct	*-37.45*	
		For 14 Gauge Frame, Add	*93.62*	
		For 12 Gauge Frame, Add	*142.31*	
08 12 13 13-0104	EA	2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	556.41	87.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*57.07*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*45.66*	
		For Type 304 Stainless Steel Frame, Add	*693.66*	
		For Type 316 Stainless Steel Frame, Add	*807.80*	
		For Baked Enamel Finish, Add	*140.53*	
		For 18 Gauge Frame, Deduct	*-38.05*	
		For 14 Gauge Frame, Add	*95.12*	
		For 12 Gauge Frame, Add	*144.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0105	EA	2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	571.49	95.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*57.07*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*45.66*	
		For Type 304 Stainless Steel Frame, Add	*694.41*	
		For Type 316 Stainless Steel Frame, Add	*808.56*	
		For Baked Enamel Finish, Add	*142.80*	
		For 18 Gauge Frame, Deduct	*-38.05*	
		For 14 Gauge Frame, Add	*95.12*	
		For 12 Gauge Frame, Add	*144.58*	
08 12 13 13-0106	EA	2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	582.51	98.02
		For Auxiliary Frame Reinforcement For Hinges, Add	*57.97*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*46.38*	
		For Type 304 Stainless Steel Frame, Add	*705.45*	
		For Type 316 Stainless Steel Frame, Add	*821.39*	
		For Baked Enamel Finish, Add	*145.35*	
		For 18 Gauge Frame, Deduct	*-38.65*	
		For 14 Gauge Frame, Add	*96.62*	
		For 12 Gauge Frame, Add	*146.66*	
08 12 13 13-0107	EA	3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	593.53	100.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*58.87*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*47.10*	
		For Type 304 Stainless Steel Frame, Add	*716.50*	
		For Type 316 Stainless Steel Frame, Add	*834.24*	
		For Baked Enamel Finish, Add	*147.90*	
		For 18 Gauge Frame, Deduct	*-39.25*	
		For 14 Gauge Frame, Add	*98.12*	
		For 12 Gauge Frame, Add	*149.14*	
08 12 13 13-0108	EA	3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	630.54	105.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*62.91*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*50.33*	
		For Type 304 Stainless Steel Frame, Add	*765.53*	
		For Type 316 Stainless Steel Frame, Add	*891.36*	
		For Baked Enamel Finish, Add	*157.50*	
		For 18 Gauge Frame, Deduct	*-41.94*	
		For 14 Gauge Frame, Add	*104.86*	
		For 12 Gauge Frame, Add	*159.38*	
08 12 13 13-0109	EA	3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	640.60	110.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*62.91*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*50.33*	
		For Type 304 Stainless Steel Frame, Add	*766.03*	
		For Type 316 Stainless Steel Frame, Add	*891.86*	
		For Baked Enamel Finish, Add	*159.00*	
		For 18 Gauge Frame, Deduct	*-41.94*	
		For 14 Gauge Frame, Add	*104.86*	
		For 12 Gauge Frame, Add	*159.38*	
08 12 13 13-0110	EA	4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	665.63	115.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*65.16*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*52.13*	
		For Type 304 Stainless Steel Frame, Add	*793.50*	
		For Type 316 Stainless Steel Frame, Add	*923.82*	
		For Baked Enamel Finish, Add	*165.01*	
		For 18 Gauge Frame, Deduct	*-43.44*	
		For 14 Gauge Frame, Add	*108.60*	
		For 12 Gauge Frame, Add	*165.08*	
08 12 13 13-0111	EA	5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	690.67	120.63
		For Auxiliary Frame Reinforcement For Hinges, Add	*67.41*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*53.93*	
		For Type 304 Stainless Steel Frame, Add	*820.97*	
		For Type 316 Stainless Steel Frame, Add	*955.78*	
		For Baked Enamel Finish, Add	*171.01*	
		For 18 Gauge Frame, Deduct	*-44.94*	
		For 14 Gauge Frame, Add	*112.35*	
		For 12 Gauge Frame, Add	*170.77*	
08 12 13 13-0112	EA	5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	700.72	125.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*67.41*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*53.93*	
		For Type 304 Stainless Steel Frame, Add	*821.47*	
		For Type 316 Stainless Steel Frame, Add	*956.29*	
		For Baked Enamel Finish, Add	*172.52*	
		For 18 Gauge Frame, Deduct	*-44.94*	
		For 14 Gauge Frame, Add	*112.35*	
		For 12 Gauge Frame, Add	*170.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0113	EA	5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	713.23	128.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*68.53*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*54.83*	
		For Type 304 Stainless Steel Frame, Add	*835.20*	
		For Type 316 Stainless Steel Frame, Add	*972.27*	
		For Baked Enamel Finish, Add	*175.52*	
		For 18 Gauge Frame, Deduct	*-45.69*	
		For 14 Gauge Frame, Add	*114.22*	
		For 12 Gauge Frame, Add	*173.61*	
08 12 13 13-0114	EA	6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	725.75	130.69
		For Auxiliary Frame Reinforcement For Hinges, Add	*69.66*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*55.72*	
		For Type 304 Stainless Steel Frame, Add	*848.94*	
		For Type 316 Stainless Steel Frame, Add	*988.25*	
		For Baked Enamel Finish, Add	*178.52*	
		For 18 Gauge Frame, Deduct	*-46.44*	
		For 14 Gauge Frame, Add	*116.09*	
		For 12 Gauge Frame, Add	*176.46*	
08 12 13 13-0115	EA	7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	760.73	133.21
		For Auxiliary Frame Reinforcement For Hinges, Add	*74.15*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*59.32*	
		For Type 304 Stainless Steel Frame, Add	*903.10*	
		For Type 316 Stainless Steel Frame, Add	*1,051.39*	
		For Baked Enamel Finish, Add	*188.26*	
		For 18 Gauge Frame, Deduct	*-49.43*	
		For 14 Gauge Frame, Add	*123.58*	
		For 12 Gauge Frame, Add	*187.84*	
08 12 13 13-0116	EA	8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	795.73	135.72
		For Auxiliary Frame Reinforcement For Hinges, Add	*78.64*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*62.91*	
		For Type 304 Stainless Steel Frame, Add	*957.29*	
		For Type 316 Stainless Steel Frame, Add	*1,114.58*	
		For Baked Enamel Finish, Add	*198.00*	
		For 18 Gauge Frame, Deduct	*-52.43*	
		For 14 Gauge Frame, Add	*131.07*	
		For 12 Gauge Frame, Add	*199.23*	
08 12 13 13-0117		>7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*		
08 12 13 13-0118	EA	2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	500.31	75.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*52.43*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*41.94*	
		For Type 304 Stainless Steel Frame, Add	*636.68*	
		For Type 316 Stainless Steel Frame, Add	*741.53*	
		For Baked Enamel Finish, Add	*127.47*	
		For 18 Gauge Frame, Deduct	*-34.95*	
		For 14 Gauge Frame, Add	*87.38*	
		For 12 Gauge Frame, Add	*132.82*	
08 12 13 13-0119	EA	2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	581.98	82.93
		For Auxiliary Frame Reinforcement For Hinges, Add	*62.42*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*49.93*	
		For Type 304 Stainless Steel Frame, Add	*757.27*	
		For Type 316 Stainless Steel Frame, Add	*882.10*	
		For Baked Enamel Finish, Add	*149.71*	
		For 18 Gauge Frame, Deduct	*-41.61*	
		For 14 Gauge Frame, Add	*104.03*	
		For 12 Gauge Frame, Add	*158.12*	
08 12 13 13-0120	EA	2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	598.69	87.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*63.41*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*50.73*	
		For Type 304 Stainless Steel Frame, Add	*769.76*	
		For Type 316 Stainless Steel Frame, Add	*896.59*	
		For Baked Enamel Finish, Add	*153.22*	
		For 18 Gauge Frame, Deduct	*-42.28*	
		For 14 Gauge Frame, Add	*105.69*	
		For 12 Gauge Frame, Add	*160.65*	
08 12 13 13-0121	EA	2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	613.77	95.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*63.41*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*50.73*	
		For Type 304 Stainless Steel Frame, Add	*770.52*	
		For Type 316 Stainless Steel Frame, Add	*897.35*	
		For Baked Enamel Finish, Add	*155.48*	
		For 18 Gauge Frame, Deduct	*-42.28*	
		For 14 Gauge Frame, Add	*105.69*	
		For 12 Gauge Frame, Add	*160.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0122	EA	2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	625.46	98.02
		For Auxiliary Frame Reinforcement For Hinges, Add	*64.41*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*51.53*	
		For Type 304 Stainless Steel Frame, Add	*782.76*	
		For Type 316 Stainless Steel Frame, Add	*911.58*	
		For Baked Enamel Finish, Add	*158.23*	
		For 18 Gauge Frame, Deduct	*-42.94*	
		For 14 Gauge Frame, Add	*107.36*	
		For 12 Gauge Frame, Add	*163.18*	
08 12 13 13-0123	EA	3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	637.13	100.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*65.41*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*52.33*	
		For Type 304 Stainless Steel Frame, Add	*794.98*	
		For Type 316 Stainless Steel Frame, Add	*925.80*	
		For Baked Enamel Finish, Add	*160.98*	
		For 18 Gauge Frame, Deduct	*-43.61*	
		For 14 Gauge Frame, Add	*109.02*	
		For 12 Gauge Frame, Add	*165.71*	
08 12 13 13-0124	EA	3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	677.14	105.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*69.90*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*55.92*	
		For Type 304 Stainless Steel Frame, Add	*849.41*	
		For Type 316 Stainless Steel Frame, Add	*989.22*	
		For Baked Enamel Finish, Add	*171.48*	
		For 18 Gauge Frame, Deduct	*-46.60*	
		For 14 Gauge Frame, Add	*116.51*	
		For 12 Gauge Frame, Add	*177.09*	
08 12 13 13-0125	EA	3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	687.20	110.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*69.90*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*55.92*	
		For Type 304 Stainless Steel Frame, Add	*849.91*	
		For Type 316 Stainless Steel Frame, Add	*989.72*	
		For Baked Enamel Finish, Add	*172.98*	
		For 18 Gauge Frame, Deduct	*-46.60*	
		For 14 Gauge Frame, Add	*116.51*	
		For 12 Gauge Frame, Add	*177.09*	
08 12 13 13-0126	EA	4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	713.90	115.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*72.40*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*57.92*	
		For Type 304 Stainless Steel Frame, Add	*880.39*	
		For Type 316 Stainless Steel Frame, Add	*1,025.19*	
		For Baked Enamel Finish, Add	*179.49*	
		For 18 Gauge Frame, Deduct	*-48.27*	
		For 14 Gauge Frame, Add	*120.67*	
		For 12 Gauge Frame, Add	*183.42*	
08 12 13 13-0127	EA	5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	740.60	120.63
		For Auxiliary Frame Reinforcement For Hinges, Add	*74.90*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*59.92*	
		For Type 304 Stainless Steel Frame, Add	*910.84*	
		For Type 316 Stainless Steel Frame, Add	*1,060.64*	
		For Baked Enamel Finish, Add	*185.99*	
		For 18 Gauge Frame, Deduct	*-49.93*	
		For 14 Gauge Frame, Add	*124.83*	
		For 12 Gauge Frame, Add	*189.74*	
08 12 13 13-0128	EA	5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	750.65	125.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*74.90*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*59.92*	
		For Type 304 Stainless Steel Frame, Add	*911.34*	
		For Type 316 Stainless Steel Frame, Add	*1,061.14*	
		For Baked Enamel Finish, Add	*187.50*	
		For 18 Gauge Frame, Deduct	*-49.93*	
		For 14 Gauge Frame, Add	*124.83*	
		For 12 Gauge Frame, Add	*189.74*	
08 12 13 13-0129	EA	5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	763.99	128.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*76.15*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*60.92*	
		For Type 304 Stainless Steel Frame, Add	*926.57*	
		For Type 316 Stainless Steel Frame, Add	*1,078.86*	
		For Baked Enamel Finish, Add	*190.74*	
		For 18 Gauge Frame, Deduct	*-50.76*	
		For 14 Gauge Frame, Add	*126.91*	
		For 12 Gauge Frame, Add	*192.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0130	EA	6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	777.34	130.69
		For Auxiliary Frame Reinforcement For Hinges, Add	*77.39*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*61.92*	
		For Type 304 Stainless Steel Frame, Add	*941.80*	
		For Type 316 Stainless Steel Frame, Add	*1,096.59*	
		For Baked Enamel Finish, Add	*194.00*	
		For 18 Gauge Frame, Deduct	*-51.60*	
		For 14 Gauge Frame, Add	*128.99*	
		For 12 Gauge Frame, Add	*196.06*	
08 12 13 13-0131	EA	7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	815.66	133.21
		For Auxiliary Frame Reinforcement For Hinges, Add	*82.39*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*65.91*	
		For Type 304 Stainless Steel Frame, Add	*1,001.97*	
		For Type 316 Stainless Steel Frame, Add	*1,166.75*	
		For Baked Enamel Finish, Add	*204.74*	
		For 18 Gauge Frame, Deduct	*-54.93*	
		For 14 Gauge Frame, Add	*137.31*	
		For 12 Gauge Frame, Add	*208.72*	
08 12 13 13-0132	EA	8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	853.98	135.72
		For Auxiliary Frame Reinforcement For Hinges, Add	*87.38*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*69.90*	
		For Type 304 Stainless Steel Frame, Add	*1,062.14*	
		For Type 316 Stainless Steel Frame, Add	*1,236.91*	
		For Baked Enamel Finish, Add	*215.48*	
		For 18 Gauge Frame, Deduct	*-58.25*	
		For 14 Gauge Frame, Add	*145.64*	
		For 12 Gauge Frame, Add	*221.37*	

08 12 13 13-0133 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0134 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*

08 12 13 13-0135	EA	2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	479.99	75.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*49.38*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*39.50*	
		For Type 304 Stainless Steel Frame, Add	*600.10*	
		For Type 316 Stainless Steel Frame, Add	*698.86*	
		For Baked Enamel Finish, Add	*121.38*	
		For 18 Gauge Frame, Deduct	*-32.92*	
		For 14 Gauge Frame, Add	*82.30*	
		For 12 Gauge Frame, Add	*125.10*	
08 12 13 13-0136	EA	2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	557.79	82.93
		For Auxiliary Frame Reinforcement For Hinges, Add	*58.79*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*47.03*	
		For Type 304 Stainless Steel Frame, Add	*713.73*	
		For Type 316 Stainless Steel Frame, Add	*831.31*	
		For Baked Enamel Finish, Add	*142.46*	
		For 18 Gauge Frame, Deduct	*-39.19*	
		For 14 Gauge Frame, Add	*97.98*	
		For 12 Gauge Frame, Add	*148.93*	
08 12 13 13-0137	EA	2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	574.11	87.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*59.73*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*47.78*	
		For Type 304 Stainless Steel Frame, Add	*725.52*	
		For Type 316 Stainless Steel Frame, Add	*844.97*	
		For Baked Enamel Finish, Add	*145.84*	
		For 18 Gauge Frame, Deduct	*-39.82*	
		For 14 Gauge Frame, Add	*99.55*	
		For 12 Gauge Frame, Add	*151.31*	
08 12 13 13-0138	EA	2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	589.19	95.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*59.73*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*47.78*	
		For Type 304 Stainless Steel Frame, Add	*726.27*	
		For Type 316 Stainless Steel Frame, Add	*845.73*	
		For Baked Enamel Finish, Add	*148.11*	
		For 18 Gauge Frame, Deduct	*-39.82*	
		For 14 Gauge Frame, Add	*99.55*	
		For 12 Gauge Frame, Add	*151.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0139	EA	2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	600.49	98.02
		For Auxiliary Frame Reinforcement For Hinges, Add	*60.67*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*48.53*	
		For Type 304 Stainless Steel Frame, Add	*737.81*	
		For Type 316 Stainless Steel Frame, Add	*859.15*	
		For Baked Enamel Finish, Add	*150.74*	
		For 18 Gauge Frame, Deduct	*-40.45*	
		For 14 Gauge Frame, Add	*101.11*	
		For 12 Gauge Frame, Add	*153.69*	
08 12 13 13-0140	EA	3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	611.78	100.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*61.61*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*49.29*	
		For Type 304 Stainless Steel Frame, Add	*749.35*	
		For Type 316 Stainless Steel Frame, Add	*872.57*	
		For Baked Enamel Finish, Add	*153.38*	
		For 18 Gauge Frame, Deduct	*-41.07*	
		For 14 Gauge Frame, Add	*102.68*	
		For 12 Gauge Frame, Add	*156.07*	
08 12 13 13-0141	EA	3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	650.05	105.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*65.84*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*52.67*	
		For Type 304 Stainless Steel Frame, Add	*800.65*	
		For Type 316 Stainless Steel Frame, Add	*932.33*	
		For Baked Enamel Finish, Add	*163.35*	
		For 18 Gauge Frame, Deduct	*-43.89*	
		For 14 Gauge Frame, Add	*109.74*	
		For 12 Gauge Frame, Add	*166.80*	
08 12 13 13-0142	EA	3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	660.11	110.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*65.84*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*52.67*	
		For Type 304 Stainless Steel Frame, Add	*801.15*	
		For Type 316 Stainless Steel Frame, Add	*932.83*	
		For Baked Enamel Finish, Add	*164.86*	
		For 18 Gauge Frame, Deduct	*-43.89*	
		For 14 Gauge Frame, Add	*109.74*	
		For 12 Gauge Frame, Add	*166.80*	
08 12 13 13-0143	EA	4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	685.83	115.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*68.19*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*54.55*	
		For Type 304 Stainless Steel Frame, Add	*829.86*	
		For Type 316 Stainless Steel Frame, Add	*966.24*	
		For Baked Enamel Finish, Add	*171.07*	
		For 18 Gauge Frame, Deduct	*-45.46*	
		For 14 Gauge Frame, Add	*113.65*	
		For 12 Gauge Frame, Add	*172.75*	
08 12 13 13-0144	EA	5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	711.57	120.63
		For Auxiliary Frame Reinforcement For Hinges, Add	*70.54*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*56.43*	
		For Type 304 Stainless Steel Frame, Add	*858.59*	
		For Type 316 Stainless Steel Frame, Add	*999.67*	
		For Baked Enamel Finish, Add	*177.28*	
		For 18 Gauge Frame, Deduct	*-47.03*	
		For 14 Gauge Frame, Add	*117.57*	
		For 12 Gauge Frame, Add	*178.71*	
08 12 13 13-0145	EA	5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	721.62	125.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*70.54*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*56.43*	
		For Type 304 Stainless Steel Frame, Add	*859.09*	
		For Type 316 Stainless Steel Frame, Add	*1,000.18*	
		For Baked Enamel Finish, Add	*178.79*	
		For 18 Gauge Frame, Deduct	*-47.03*	
		For 14 Gauge Frame, Add	*117.57*	
		For 12 Gauge Frame, Add	*178.71*	
08 12 13 13-0146	EA	5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	734.48	128.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*71.72*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*57.38*	
		For Type 304 Stainless Steel Frame, Add	*873.45*	
		For Type 316 Stainless Steel Frame, Add	*1,016.89*	
		For Baked Enamel Finish, Add	*181.89*	
		For 18 Gauge Frame, Deduct	*-47.81*	
		For 14 Gauge Frame, Add	*119.53*	
		For 12 Gauge Frame, Add	*181.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0147	EA	6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	747.35	130.69
		For Auxiliary Frame Reinforcement For Hinges, Add	*72.90*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*58.32*	
		For Type 304 Stainless Steel Frame, Add	*887.82*	
		For Type 316 Stainless Steel Frame, Add	*1,033.61*	
		For Baked Enamel Finish, Add	*185.00*	
		For 18 Gauge Frame, Deduct	*-48.60*	
		For 14 Gauge Frame, Add	*121.49*	
		For 12 Gauge Frame, Add	*184.67*	
08 12 13 13-0148	EA	7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	783.73	133.21
		For Auxiliary Frame Reinforcement For Hinges, Add	*77.60*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*62.08*	
		For Type 304 Stainless Steel Frame, Add	*944.50*	
		For Type 316 Stainless Steel Frame, Add	*1,099.69*	
		For Baked Enamel Finish, Add	*195.16*	
		For 18 Gauge Frame, Deduct	*-51.73*	
		For 14 Gauge Frame, Add	*129.33*	
		For 12 Gauge Frame, Add	*196.58*	
08 12 13 13-0149	EA	8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	820.11	135.72
		For Auxiliary Frame Reinforcement For Hinges, Add	*82.30*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*65.84*	
		For Type 304 Stainless Steel Frame, Add	*1,001.18*	
		For Type 316 Stainless Steel Frame, Add	*1,165.78*	
		For Baked Enamel Finish, Add	*205.32*	
		For 18 Gauge Frame, Deduct	*-54.87*	
		For 14 Gauge Frame, Add	*137.17*	
		For 12 Gauge Frame, Add	*208.49*	

08 12 13 13-0150 >7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*

08 12 13 13-0151	EA	2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	516.57	75.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*54.87*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*43.89*	
		For Type 304 Stainless Steel Frame, Add	*665.94*	
		For Type 316 Stainless Steel Frame, Add	*775.68*	
		For Baked Enamel Finish, Add	*132.35*	
		For 18 Gauge Frame, Deduct	*-36.58*	
		For 14 Gauge Frame, Add	*91.45*	
		For 12 Gauge Frame, Add	*139.00*	
08 12 13 13-0152	EA	2'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	601.33	82.93
		For Auxiliary Frame Reinforcement For Hinges, Add	*65.32*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*52.25*	
		For Type 304 Stainless Steel Frame, Add	*792.10*	
		For Type 316 Stainless Steel Frame, Add	*922.74*	
		For Baked Enamel Finish, Add	*155.52*	
		For 18 Gauge Frame, Deduct	*-43.55*	
		For 14 Gauge Frame, Add	*108.86*	
		For 12 Gauge Frame, Add	*165.47*	
08 12 13 13-0153	EA	2'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	618.35	87.96
		For Auxiliary Frame Reinforcement For Hinges, Add	*66.36*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*53.09*	
		For Type 304 Stainless Steel Frame, Add	*805.15*	
		For Type 316 Stainless Steel Frame, Add	*937.88*	
		For Baked Enamel Finish, Add	*159.12*	
		For 18 Gauge Frame, Deduct	*-44.24*	
		For 14 Gauge Frame, Add	*110.61*	
		For 12 Gauge Frame, Add	*168.12*	
08 12 13 13-0154	EA	2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	633.43	95.50
		For Auxiliary Frame Reinforcement For Hinges, Add	*66.36*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*53.09*	
		For Type 304 Stainless Steel Frame, Add	*805.91*	
		For Type 316 Stainless Steel Frame, Add	*938.63*	
		For Baked Enamel Finish, Add	*161.38*	
		For 18 Gauge Frame, Deduct	*-44.24*	
		For 14 Gauge Frame, Add	*110.61*	
		For 12 Gauge Frame, Add	*168.12*	
08 12 13 13-0155	EA	2'-10" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	645.43	98.02
		For Auxiliary Frame Reinforcement For Hinges, Add	*67.41*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*53.93*	
		For Type 304 Stainless Steel Frame, Add	*818.70*	
		For Type 316 Stainless Steel Frame, Add	*953.52*	
		For Baked Enamel Finish, Add	*164.22*	
		For 18 Gauge Frame, Deduct	*-44.94*	
		For 14 Gauge Frame, Add	*112.35*	
		For 12 Gauge Frame, Add	*170.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0156	EA	3' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	657.42	100.53
		For Auxiliary Frame Reinforcement For Hinges, Add	*68.45*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*54.76*	
		For Type 304 Stainless Steel Frame, Add	*831.50*	
		For Type 316 Stainless Steel Frame, Add	*968.41*	
		For Baked Enamel Finish, Add	*167.07*	
		For 18 Gauge Frame, Deduct	*-45.64*	
		For 14 Gauge Frame, Add	*114.09*	
		For 12 Gauge Frame, Add	*173.42*	
08 12 13 13-0157	EA	3'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	698.82	105.56
		For Auxiliary Frame Reinforcement For Hinges, Add	*73.16*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*58.53*	
		For Type 304 Stainless Steel Frame, Add	*888.43*	
		For Type 316 Stainless Steel Frame, Add	*1,034.75*	
		For Baked Enamel Finish, Add	*177.98*	
		For 18 Gauge Frame, Deduct	*-48.77*	
		For 14 Gauge Frame, Add	*121.93*	
		For 12 Gauge Frame, Add	*185.33*	
08 12 13 13-0158	EA	3'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	708.88	110.59
		For Auxiliary Frame Reinforcement For Hinges, Add	*73.16*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*58.53*	
		For Type 304 Stainless Steel Frame, Add	*888.94*	
		For Type 316 Stainless Steel Frame, Add	*1,035.25*	
		For Baked Enamel Finish, Add	*179.49*	
		For 18 Gauge Frame, Deduct	*-48.77*	
		For 14 Gauge Frame, Add	*121.93*	
		For 12 Gauge Frame, Add	*185.33*	
08 12 13 13-0159	EA	4' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	736.35	115.61
		For Auxiliary Frame Reinforcement For Hinges, Add	*75.77*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*60.62*	
		For Type 304 Stainless Steel Frame, Add	*920.80*	
		For Type 316 Stainless Steel Frame, Add	*1,072.33*	
		For Baked Enamel Finish, Add	*186.22*	
		For 18 Gauge Frame, Deduct	*-50.51*	
		For 14 Gauge Frame, Add	*126.28*	
		For 12 Gauge Frame, Add	*191.95*	
08 12 13 13-0160	EA	5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	763.82	120.63
		For Auxiliary Frame Reinforcement For Hinges, Add	*78.38*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*62.70*	
		For Type 304 Stainless Steel Frame, Add	*952.64*	
		For Type 316 Stainless Steel Frame, Add	*1,109.40*	
		For Baked Enamel Finish, Add	*192.95*	
		For 18 Gauge Frame, Deduct	*-52.25*	
		For 14 Gauge Frame, Add	*130.64*	
		For 12 Gauge Frame, Add	*198.57*	
08 12 13 13-0161	EA	5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	773.87	125.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*78.38*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*62.70*	
		For Type 304 Stainless Steel Frame, Add	*953.14*	
		For Type 316 Stainless Steel Frame, Add	*1,109.90*	
		For Baked Enamel Finish, Add	*194.46*	
		For 18 Gauge Frame, Deduct	*-52.25*	
		For 14 Gauge Frame, Add	*130.64*	
		For 12 Gauge Frame, Add	*198.57*	
08 12 13 13-0162	EA	5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	787.60	128.18
		For Auxiliary Frame Reinforcement For Hinges, Add	*79.69*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*63.75*	
		For Type 304 Stainless Steel Frame, Add	*969.07*	
		For Type 316 Stainless Steel Frame, Add	*1,128.44*	
		For Baked Enamel Finish, Add	*197.83*	
		For 18 Gauge Frame, Deduct	*-53.13*	
		For 14 Gauge Frame, Add	*132.81*	
		For 12 Gauge Frame, Add	*201.88*	
08 12 13 13-0163	EA	6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	801.34	130.69
		For Auxiliary Frame Reinforcement For Hinges, Add	*80.99*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*64.80*	
		For Type 304 Stainless Steel Frame, Add	*985.00*	
		For Type 316 Stainless Steel Frame, Add	*1,146.99*	
		For Baked Enamel Finish, Add	*201.20*	
		For 18 Gauge Frame, Deduct	*-54.00*	
		For 14 Gauge Frame, Add	*134.99*	
		For 12 Gauge Frame, Add	*205.18*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0164	EA	7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	841.20	133.21
		For Auxiliary Frame Reinforcement For Hinges, Add	*86.22*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*68.97*	
		For Type 304 Stainless Steel Frame, Add	*1,047.94*	
		For Type 316 Stainless Steel Frame, Add	*1,220.38*	
		For Baked Enamel Finish, Add	*212.40*	
		For 18 Gauge Frame, Deduct	*-57.48*	
		For 14 Gauge Frame, Add	*143.70*	
		For 12 Gauge Frame, Add	*218.42*	
08 12 13 13-0165	EA	8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	881.08	135.72
		For Auxiliary Frame Reinforcement For Hinges, Add	*91.45*	
		For Welded Frames, Add	*96.98*	
		For Galvanized Frames, Add	*73.16*	
		For Type 304 Stainless Steel Frame, Add	*1,110.92*	
		For Type 316 Stainless Steel Frame, Add	*1,293.82*	
		For Baked Enamel Finish, Add	*223.61*	
		For 18 Gauge Frame, Deduct	*-60.96*	
		For 14 Gauge Frame, Add	*152.41*	
		For 12 Gauge Frame, Add	*231.66*	
08 12 13 13-0166		Sidelights And Transoms *(08 12 13 13)*		
		Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0167		Fixed Steel Transoms *(08 12 13 13-0166)*		
		Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0168	SF	4-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	57.76	14.08
		For Movable Frame, Add	*11.55*	
		For 18 Gauge Frame, Deduct	*-2.96*	
		For 14 Gauge Frame, Add	*7.40*	
		For 12 Gauge Frame, Add	*11.25*	
08 12 13 13-0169	SF	5-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	60.21	14.58
		For Movable Frame, Add	*12.04*	
		For 18 Gauge Frame, Deduct	*-3.11*	
		For 14 Gauge Frame, Add	*7.77*	
		For 12 Gauge Frame, Add	*11.80*	
08 12 13 13-0170	SF	6-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	62.79	15.08
		For Movable Frame, Add	*12.56*	
		For 18 Gauge Frame, Deduct	*-3.26*	
		For 14 Gauge Frame, Add	*8.16*	
		For 12 Gauge Frame, Add	*12.40*	
08 12 13 13-0171		Operable Steel Transom Sash *(08 12 13 13-0166)*		
		Note: Includes hardware.		
08 12 13 13-0172	SF	4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	77.75	14.08
		For 18 Gauge Frame, Deduct	*-4.96*	
		For 14 Gauge Frame, Add	*12.40*	
		For 12 Gauge Frame, Add	*18.85*	
08 12 13 13-0173	SF	5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	81.24	14.58
		For 18 Gauge Frame, Deduct	*-5.21*	
		For 14 Gauge Frame, Add	*13.02*	
		For 12 Gauge Frame, Add	*19.79*	
08 12 13 13-0174	SF	6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	84.85	15.08
		For 18 Gauge Frame, Deduct	*-5.47*	
		For 14 Gauge Frame, Add	*13.67*	
		For 12 Gauge Frame, Add	*20.78*	
08 12 13 13-0175		Sidelights, Steel Frame *(08 12 13 13-0166)*		
		Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0176	SF	4-3/4" Deep Sidelights, 16 Gauge Frame	59.96	14.08
		For 18 Gauge Frame, Deduct	*-3.18*	
		For 14 Gauge Frame, Add	*7.95*	
		For 12 Gauge Frame, Add	*12.09*	
08 12 13 13-0177	SF	5-3/4" Deep Sidelights, 16 Gauge Frame	62.56	14.58
		For 18 Gauge Frame, Deduct	*-3.34*	
		For 14 Gauge Frame, Add	*8.35*	
		For 12 Gauge Frame, Add	*12.70*	
08 12 13 13-0178	SF	6-3/4" Deep Sidelights, 16 Gauge Frame	65.23	15.08
		For 18 Gauge Frame, Deduct	*-3.51*	
		For 14 Gauge Frame, Add	*8.77*	
		For 12 Gauge Frame, Add	*13.33*	
08 12 13 13-0179		Sundry Hollow Metal Frame Sections *(08 12 13 13)*		
		Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0180		16 Gauge, Hollow Metal Frame Vertical Mullions *(08 12 13 13-0179)*		

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SAN BERNARDINO COUNTY

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0181		LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	43.40	5.63
			For 18 Gauge Frame, Deduct	*-2.92*	
			For 14 Gauge Frame, Add	*7.31*	
			For 12 Gauge Frame, Add	*11.11*	
			For 3 Hour Frame, Add	*8.00*	
			For 1-1/2 Hour Frame, Add	*5.00*	
			For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0182		LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	44.58	5.63
			For 18 Gauge Frame, Deduct	*-3.04*	
			For 14 Gauge Frame, Add	*7.61*	
			For 12 Gauge Frame, Add	*11.56*	
			For 3 Hour Frame, Add	*8.00*	
			For 1-1/2 Hour Frame, Add	*5.00*	
			For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0183		LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	43.81	5.83
			For 18 Gauge Frame, Deduct	*-2.92*	
			For 14 Gauge Frame, Add	*7.31*	
			For 12 Gauge Frame, Add	*11.11*	
			For 3 Hour Frame, Add	*8.00*	
			For 1-1/2 Hour Frame, Add	*5.00*	
			For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0184		LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	45.63	5.83
			For 18 Gauge Frame, Deduct	*-3.11*	
			For 14 Gauge Frame, Add	*7.77*	
			For 12 Gauge Frame, Add	*11.80*	
			For 3 Hour Frame, Add	*8.00*	
			For 1-1/2 Hour Frame, Add	*5.00*	
			For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0185		LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	45.59	5.94
			For 18 Gauge Frame, Deduct	*-3.07*	
			For 14 Gauge Frame, Add	*7.68*	
			For 12 Gauge Frame, Add	*11.67*	
			For 3 Hour Frame, Add	*8.00*	
			For 1-1/2 Hour Frame, Add	*5.00*	
			For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0186		LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	46.28	5.94
			For 18 Gauge Frame, Deduct	*-3.14*	
			For 14 Gauge Frame, Add	*7.85*	
			For 12 Gauge Frame, Add	*11.93*	
			For 3 Hour Frame, Add	*8.00*	
			For 1-1/2 Hour Frame, Add	*5.00*	
			For 3/4 Hour Frame, Add	*4.00*	

08 12 13 13-0187 16 Gauge, Hollow Metal Frame Horizontal Rails *(08 12 13 13-0179)*

08 12 13 13-0188		LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	28.78	5.63
			For 18 Gauge Frame, Deduct	*-1.46*	
			For 14 Gauge Frame, Add	*3.66*	
			For 12 Gauge Frame, Add	*5.56*	
			For 3 Hour Frame, Add	*8.00*	
			For 1-1/2 Hour Frame, Add	*5.00*	
			For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0189		LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	30.27	5.63
			For 18 Gauge Frame, Deduct	*-1.61*	
			For 14 Gauge Frame, Add	*4.03*	
			For 12 Gauge Frame, Add	*6.12*	
			For 3 Hour Frame, Add	*8.00*	
			For 1-1/2 Hour Frame, Add	*5.00*	
			For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0190		LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	29.19	5.83
			For 18 Gauge Frame, Deduct	*-1.46*	
			For 14 Gauge Frame, Add	*3.66*	
			For 12 Gauge Frame, Add	*5.56*	
			For 3 Hour Frame, Add	*8.00*	
			For 1-1/2 Hour Frame, Add	*5.00*	
			For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0191		LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	30.68	5.83
			For 18 Gauge Frame, Deduct	*-1.61*	
			For 14 Gauge Frame, Add	*4.03*	
			For 12 Gauge Frame, Add	*6.12*	
			For 3 Hour Frame, Add	*8.00*	
			For 1-1/2 Hour Frame, Add	*5.00*	
			For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0192		LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	30.24	5.94
			For 18 Gauge Frame, Deduct	*-1.54*	
			For 14 Gauge Frame, Add	*3.84*	
			For 12 Gauge Frame, Add	*5.83*	
			For 3 Hour Frame, Add	*8.00*	
			For 1-1/2 Hour Frame, Add	*5.00*	
			For 3/4 Hour Frame, Add	*4.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0193	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	31.54	5.94
		For 18 Gauge Frame, Deduct	*-1.67*	
		For 14 Gauge Frame, Add	*4.16*	
		For 12 Gauge Frame, Add	*6.33*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0194		16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullions *(08 12 13 13-0179)*		
08 12 13 13-0195	EA	4-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,258.72	39.41
		For 18 Gauge Frame, Deduct	*-116.02*	
		For 14 Gauge Frame, Add	*290.05*	
		For 12 Gauge Frame, Add	*440.88*	
08 12 13 13-0196	EA	4-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,304.99	39.41
		For 18 Gauge Frame, Deduct	*-120.65*	
		For 14 Gauge Frame, Add	*301.62*	
		For 12 Gauge Frame, Add	*458.46*	
08 12 13 13-0197	EA	5-1/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,448.49	41.22
		For 18 Gauge Frame, Deduct	*-134.70*	
		For 14 Gauge Frame, Add	*336.74*	
		For 12 Gauge Frame, Add	*511.84*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0198	EA	5-1/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,489.81	41.22
		For 18 Gauge Frame, Deduct	*-138.83*	
		For 14 Gauge Frame, Add	*347.07*	
		For 12 Gauge Frame, Add	*527.54*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0199	EA	6-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,688.85	42.22
		For 18 Gauge Frame, Deduct	*-158.33*	
		For 14 Gauge Frame, Add	*395.82*	
		For 12 Gauge Frame, Add	*601.65*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0200	EA	6-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,716.95	42.22
		For 18 Gauge Frame, Deduct	*-161.14*	
		For 14 Gauge Frame, Add	*402.85*	
		For 12 Gauge Frame, Add	*612.33*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0201		Metal Frames Accessories *(08 12 13 13)*		
08 12 13 13-0202	EA	For 1' Extension Of New Door Frame	52.47	

08 12 16 Aluminum Frames *(08 12)*

08 12 16 00-0001 Two Piece Aluminum Door Frames *(08 12 16)*

08 12 16 00-0002 4-1/8" x 3/8" Two Piece Aluminum Door Frames *(08 12 16 00-0001)*

08 12 16 00-0003	EA	Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head	2,798.37	55.29
08 12 16 00-0004	EA	Two Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head	2,798.37	55.29

08 12 16 00-0005 4-3/4" x 1-3/8" Two Piece Aluminum Door Frames *(08 12 16 00-0001)*

08 12 16 00-0006	EA	Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	2,798.37	55.29
08 12 16 00-0007	EA	Two Piece Aluminum Door Frame Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	2,798.37	55.29

08 13 Metal Doors *(08 10)*

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 13 13 Hollow Metal Doors *(08 13)*

08 13 13 13 Standard Hollow Metal Doors *(08 13 13)*

Note: Hollow Metal Doors are full flush, fabricated from cold rolled steel conforming to ASTM A1008, honeycomb core, interlocking mechanical vertical edge seam, with epoxy baked-on primer. Galvanized steel doors are fabricated from a carbon steel sheet that has been coated with zinc on two sides by the continuous hot-dip process. Hollow Metal Doors are organized by the following levels: 20 Gauge, Level 1 Standard Duty; 18 Gauge, Level 2 Heavy Duty; 16 Gauge, Level 3 Extra Heavy Duty; 14 Gauge, Level 4 Maximum Duty.

08 13 13 13-0001 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0002 6'-8" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0003	EA	2' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	784.58	55.29
		For Galvanized Steel Door, Add	*134.80*	
		For Type 304 Stainless Steel Door, Add	*539.19*	
		For Type 316 Stainless Steel Door, Add	*876.19*	
		For Embossed Panel Door, Add	*161.76*	
		For Baked Enamel Finish, Add	*218.79*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.99*	
		For >100, Deduct	*-61.61*	
		For Polystyrene Core, Add	*67.40*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*168.50*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*84.25*	
08 13 13 13-0004	EA	2'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	784.58	55.29
		For Galvanized Steel Door, Add	*134.80*	
		For Type 304 Stainless Steel Door, Add	*539.19*	
		For Type 316 Stainless Steel Door, Add	*876.19*	
		For Embossed Panel Door, Add	*161.76*	
		For Baked Enamel Finish, Add	*218.79*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.99*	
		For >100, Deduct	*-61.61*	
		For Polystyrene Core, Add	*67.40*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*168.50*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*84.25*	
08 13 13 13-0005	EA	2'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	803.38	57.80
		For Galvanized Steel Door, Add	*137.55*	
		For Type 304 Stainless Steel Door, Add	*550.22*	
		For Type 316 Stainless Steel Door, Add	*894.10*	
		For Embossed Panel Door, Add	*165.06*	
		For Baked Enamel Finish, Add	*223.67*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.06*	
		For >100, Deduct	*-63.14*	
		For Polystyrene Core, Add	*68.78*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*171.94*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*85.97*	
08 13 13 13-0006	EA	2'-8" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	813.65	57.80
		For Galvanized Steel Door, Add	*139.61*	
		For Type 304 Stainless Steel Door, Add	*558.43*	
		For Type 316 Stainless Steel Door, Add	*907.45*	
		For Embossed Panel Door, Add	*167.53*	
		For Baked Enamel Finish, Add	*226.75*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.57*	
		For >100, Deduct	*-63.91*	
		For Polystyrene Core, Add	*69.80*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*174.51*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*87.26*	
08 13 13 13-0007	EA	2'-10" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	820.26	59.06
		For Galvanized Steel Door, Add	*140.43*	
		For Type 304 Stainless Steel Door, Add	*561.71*	
		For Type 316 Stainless Steel Door, Add	*912.78*	
		For Embossed Panel Door, Add	*168.51*	
		For Baked Enamel Finish, Add	*228.36*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.97*	
		For >100, Deduct	*-64.47*	
		For Polystyrene Core, Add	*70.21*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*175.54*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*87.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0008	EA	3' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	826.88	60.32
		For Galvanized Steel Door, Add	*141.25*	
		For Type 304 Stainless Steel Door, Add	*565.00*	
		For Type 316 Stainless Steel Door, Add	*918.13*	
		For Embossed Panel Door, Add	*169.50*	
		For Baked Enamel Finish, Add	*229.97*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.36*	
		For >100, Deduct	*-65.03*	
		For Polystyrene Core, Add	*70.63*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*176.56*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*88.28*	
08 13 13 13-0009	EA	3'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	880.26	60.32
		For Galvanized Steel Door, Add	*151.93*	
		For Type 304 Stainless Steel Door, Add	*607.70*	
		For Type 316 Stainless Steel Door, Add	*987.52*	
		For Embossed Panel Door, Add	*182.31*	
		For Baked Enamel Finish, Add	*245.98*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.03*	
		For >100, Deduct	*-69.04*	
		For Polystyrene Core, Add	*75.96*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*189.91*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*94.95*	
08 13 13 13-0010	EA	3'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	905.82	62.83
		For Galvanized Steel Door, Add	*156.03*	
		For Type 304 Stainless Steel Door, Add	*624.13*	
		For Type 316 Stainless Steel Door, Add	*1,014.21*	
		For Embossed Panel Door, Add	*187.24*	
		For Baked Enamel Finish, Add	*252.90*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.43*	
		For >100, Deduct	*-71.08*	
		For Polystyrene Core, Add	*78.02*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*195.04*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*97.52*	
08 13 13 13-0011	EA	4' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	998.00	67.86
		For Galvanized Steel Door, Add	*172.46*	
		For Type 304 Stainless Steel Door, Add	*689.82*	
		For Type 316 Stainless Steel Door, Add	*1,120.96*	
		For Embossed Panel Door, Add	*206.95*	
		For Baked Enamel Finish, Add	*279.04*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-53.29*	
		For >100, Deduct	*-78.24*	
		For Polystyrene Core, Add	*86.23*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*215.57*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*107.79*	

08 13 13 13-0012 7' High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

08 13 13 13-0013	EA	2' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	802.24	55.29
		For Galvanized Steel Door, Add	*138.33*	
		For Type 304 Stainless Steel Door, Add	*553.32*	
		For Type 316 Stainless Steel Door, Add	*899.15*	
		For Embossed Panel Door, Add	*166.00*	
		For Baked Enamel Finish, Add	*224.08*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.88*	
		For >100, Deduct	*-62.93*	
		For Polystyrene Core, Add	*69.17*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*172.91*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*86.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0014	EA	2'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	802.24	55.29
		For Galvanized Steel Door, Add	*138.33*	
		For Type 304 Stainless Steel Door, Add	*553.32*	
		For Type 316 Stainless Steel Door, Add	*899.15*	
		For Embossed Panel Door, Add	*166.00*	
		For Baked Enamel Finish, Add	*224.08*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.88*	
		For >100, Deduct	*-62.93*	
		For Polystyrene Core, Add	*69.17*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*172.91*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*86.46*	
08 13 13 13-0015	EA	2'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	821.40	57.80
		For Galvanized Steel Door, Add	*141.16*	
		For Type 304 Stainless Steel Door, Add	*564.63*	
		For Type 316 Stainless Steel Door, Add	*917.53*	
		For Embossed Panel Door, Add	*169.39*	
		For Baked Enamel Finish, Add	*229.08*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.96*	
		For >100, Deduct	*-64.50*	
		For Polystyrene Core, Add	*70.58*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*176.45*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*88.22*	
08 13 13 13-0016	EA	2'-8" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	831.94	57.80
		For Galvanized Steel Door, Add	*143.27*	
		For Type 304 Stainless Steel Door, Add	*573.06*	
		For Type 316 Stainless Steel Door, Add	*931.23*	
		For Embossed Panel Door, Add	*171.92*	
		For Baked Enamel Finish, Add	*232.24*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.49*	
		For >100, Deduct	*-65.29*	
		For Polystyrene Core, Add	*71.63*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*179.08*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*89.54*	
08 13 13 13-0017	EA	2'-10" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	838.66	59.06
		For Galvanized Steel Door, Add	*144.11*	
		For Type 304 Stainless Steel Door, Add	*576.43*	
		For Type 316 Stainless Steel Door, Add	*936.70*	
		For Embossed Panel Door, Add	*172.93*	
		For Baked Enamel Finish, Add	*233.88*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.89*	
		For >100, Deduct	*-65.85*	
		For Polystyrene Core, Add	*72.05*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*180.14*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*90.07*	
08 13 13 13-0018	EA	3' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	845.38	60.32
		For Galvanized Steel Door, Add	*144.95*	
		For Type 304 Stainless Steel Door, Add	*579.80*	
		For Type 316 Stainless Steel Door, Add	*942.18*	
		For Embossed Panel Door, Add	*173.94*	
		For Baked Enamel Finish, Add	*235.52*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.28*	
		For >100, Deduct	*-66.42*	
		For Polystyrene Core, Add	*72.48*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*181.19*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*90.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0019	EA	3'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	900.16	60.32
		For Galvanized Steel Door, Add	*155.91*	
		For Type 304 Stainless Steel Door, Add	*623.62*	
		For Type 316 Stainless Steel Door, Add	*1,013.39*	
		For Embossed Panel Door, Add	*187.09*	
		For Baked Enamel Finish, Add	*251.95*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.02*	
		For >100, Deduct	*-70.53*	
		For Polystyrene Core, Add	*77.95*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*194.88*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*97.44*	
08 13 13 13-0020	EA	3'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	926.26	62.83
		For Galvanized Steel Door, Add	*160.12*	
		For Type 304 Stainless Steel Door, Add	*640.48*	
		For Type 316 Stainless Steel Door, Add	*1,040.78*	
		For Embossed Panel Door, Add	*192.14*	
		For Baked Enamel Finish, Add	*259.03*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-49.45*	
		For >100, Deduct	*-72.61*	
		For Polystyrene Core, Add	*80.06*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*200.15*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*100.08*	
08 13 13 13-0021	EA	4' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	1,020.59	67.86
		For Galvanized Steel Door, Add	*176.97*	
		For Type 304 Stainless Steel Door, Add	*707.90*	
		For Type 316 Stainless Steel Door, Add	*1,150.33*	
		For Embossed Panel Door, Add	*212.37*	
		For Baked Enamel Finish, Add	*285.82*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-54.42*	
		For >100, Deduct	*-79.94*	
		For Polystyrene Core, Add	*88.49*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*221.22*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*110.61*	
08 13 13 13-0022		7'-2" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*		
08 13 13 13-0023	EA	2' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	819.39	55.29
		For Galvanized Steel Door, Add	*141.76*	
		For Type 304 Stainless Steel Door, Add	*567.04*	
		For Type 316 Stainless Steel Door, Add	*921.44*	
		For Embossed Panel Door, Add	*170.11*	
		For Baked Enamel Finish, Add	*229.23*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.73*	
		For >100, Deduct	*-64.22*	
		For Polystyrene Core, Add	*70.88*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*177.20*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*88.60*	
08 13 13 13-0024	EA	2'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	819.39	55.29
		For Galvanized Steel Door, Add	*141.76*	
		For Type 304 Stainless Steel Door, Add	*567.04*	
		For Type 316 Stainless Steel Door, Add	*921.44*	
		For Embossed Panel Door, Add	*170.11*	
		For Baked Enamel Finish, Add	*229.23*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.73*	
		For >100, Deduct	*-64.22*	
		For Polystyrene Core, Add	*70.88*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*177.20*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*88.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0025	EA	2'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	838.91	57.80
		For Galvanized Steel Door, Add	*144.66*	
		For Type 304 Stainless Steel Door, Add	*578.64*	
		For Type 316 Stainless Steel Door, Add	*940.29*	
		For Embossed Panel Door, Add	*173.59*	
		For Baked Enamel Finish, Add	*234.33*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.84*	
		For >100, Deduct	*-65.81*	
		For Polystyrene Core, Add	*72.33*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*180.83*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*90.41*	
08 13 13 13-0026	EA	2'-8" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	849.70	57.80
		For Galvanized Steel Door, Add	*146.82*	
		For Type 304 Stainless Steel Door, Add	*587.27*	
		For Type 316 Stainless Steel Door, Add	*954.32*	
		For Embossed Panel Door, Add	*176.18*	
		For Baked Enamel Finish, Add	*237.57*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.38*	
		For >100, Deduct	*-66.62*	
		For Polystyrene Core, Add	*73.41*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*183.52*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*91.76*	
08 13 13 13-0027	EA	2'-10" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	856.52	59.06
		For Galvanized Steel Door, Add	*147.68*	
		For Type 304 Stainless Steel Door, Add	*590.72*	
		For Type 316 Stainless Steel Door, Add	*959.92*	
		For Embossed Panel Door, Add	*177.22*	
		For Baked Enamel Finish, Add	*239.24*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.78*	
		For >100, Deduct	*-67.19*	
		For Polystyrene Core, Add	*73.84*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*184.60*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*92.30*	
08 13 13 13-0028	EA	3' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	863.35	60.32
		For Galvanized Steel Door, Add	*148.54*	
		For Type 304 Stainless Steel Door, Add	*594.18*	
		For Type 316 Stainless Steel Door, Add	*965.54*	
		For Embossed Panel Door, Add	*178.25*	
		For Baked Enamel Finish, Add	*240.91*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.18*	
		For >100, Deduct	*-67.77*	
		For Polystyrene Core, Add	*74.27*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*185.68*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*92.84*	
08 13 13 13-0029	EA	3'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	919.49	60.32
		For Galvanized Steel Door, Add	*159.77*	
		For Type 304 Stainless Steel Door, Add	*639.09*	
		For Type 316 Stainless Steel Door, Add	*1,038.52*	
		For Embossed Panel Door, Add	*191.73*	
		For Baked Enamel Finish, Add	*257.75*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.99*	
		For >100, Deduct	*-71.98*	
		For Polystyrene Core, Add	*79.89*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*199.72*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*99.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0030	EA	3'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	946.11	62.83
		For Galvanized Steel Door, Add	*164.09*	
		For Type 304 Stainless Steel Door, Add	*656.36*	
		For Type 316 Stainless Steel Door, Add	*1,066.59*	
		For Embossed Panel Door, Add	*196.91*	
		For Baked Enamel Finish, Add	*264.98*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.45*	
		For >100, Deduct	*-74.10*	
		For Polystyrene Core, Add	*82.05*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*205.11*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*102.56*	
08 13 13 13-0031	EA	4' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	1,042.54	67.86
		For Galvanized Steel Door, Add	*181.36*	
		For Type 304 Stainless Steel Door, Add	*725.46*	
		For Type 316 Stainless Steel Door, Add	*1,178.87*	
		For Embossed Panel Door, Add	*217.64*	
		For Baked Enamel Finish, Add	*292.40*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-55.52*	
		For >100, Deduct	*-81.58*	
		For Polystyrene Core, Add	*90.68*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*226.71*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*113.35*	
08 13 13 13-0032		18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*		
08 13 13 13-0033		6'-8" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*		
08 13 13 13-0034	EA	2' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	839.10	55.29
		For Galvanized Steel Door, Add	*145.70*	
		For Type 304 Stainless Steel Door, Add	*582.81*	
		For Type 316 Stainless Steel Door, Add	*947.06*	
		For Embossed Panel Door, Add	*174.84*	
		For Baked Enamel Finish, Add	*235.14*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.72*	
		For >100, Deduct	*-65.70*	
		For 2" Thick Door, Add	*55.58*	
		For Polystyrene Core, Add	*72.85*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*182.13*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*91.06*	
		For Steel Stiffened, Add	*182.13*	
08 13 13 13-0035	EA	2'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	839.10	55.29
		For Galvanized Steel Door, Add	*145.70*	
		For Type 304 Stainless Steel Door, Add	*582.81*	
		For Type 316 Stainless Steel Door, Add	*947.06*	
		For Embossed Panel Door, Add	*174.84*	
		For Baked Enamel Finish, Add	*235.14*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.72*	
		For >100, Deduct	*-65.70*	
		For 2" Thick Door, Add	*55.58*	
		For Polystyrene Core, Add	*72.85*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*182.13*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*91.06*	
		For Steel Stiffened, Add	*182.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0036	EA	2'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	859.02	57.80
		For Galvanized Steel Door, Add	*148.68*	
		For Type 304 Stainless Steel Door, Add	*594.73*	
		For Type 316 Stainless Steel Door, Add	*966.43*	
		For Embossed Panel Door, Add	*178.42*	
		For Baked Enamel Finish, Add	*240.36*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.84*	
		For >100, Deduct	*-67.32*	
		For 2" Thick Door, Add	*56.79*	
		For Polystyrene Core, Add	*74.34*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*185.85*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*92.93*	
		For Steel Stiffened, Add	*185.85*	
08 13 13 13-0037	EA	2'-8" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	870.12	57.80
		For Galvanized Steel Door, Add	*150.90*	
		For Type 304 Stainless Steel Door, Add	*603.61*	
		For Type 316 Stainless Steel Door, Add	*980.86*	
		For Embossed Panel Door, Add	*181.08*	
		For Baked Enamel Finish, Add	*243.69*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.40*	
		For >100, Deduct	*-68.15*	
		For 2" Thick Door, Add	*57.59*	
		For Polystyrene Core, Add	*75.45*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*188.63*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*94.31*	
		For Steel Stiffened, Add	*188.63*	
08 13 13 13-0038	EA	2'-10" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	877.05	59.06
		For Galvanized Steel Door, Add	*151.79*	
		For Type 304 Stainless Steel Door, Add	*607.14*	
		For Type 316 Stainless Steel Door, Add	*986.61*	
		For Embossed Panel Door, Add	*182.14*	
		For Baked Enamel Finish, Add	*245.40*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.81*	
		For >100, Deduct	*-68.73*	
		For 2" Thick Door, Add	*57.98*	
		For Polystyrene Core, Add	*75.89*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*189.73*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*94.87*	
		For Steel Stiffened, Add	*189.73*	
08 13 13 13-0039	EA	3' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	884.01	60.32
		For Galvanized Steel Door, Add	*152.68*	
		For Type 304 Stainless Steel Door, Add	*610.70*	
		For Type 316 Stainless Steel Door, Add	*992.39*	
		For Embossed Panel Door, Add	*183.21*	
		For Baked Enamel Finish, Add	*247.11*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.22*	
		For >100, Deduct	*-69.32*	
		For 2" Thick Door, Add	*58.36*	
		For Polystyrene Core, Add	*76.34*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*190.85*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*95.42*	
		For Steel Stiffened, Add	*190.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0040	EA	3'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	941.71	60.32
		For Galvanized Steel Door, Add	*164.22*	
		For Type 304 Stainless Steel Door, Add	*656.86*	
		For Type 316 Stainless Steel Door, Add	*1,067.40*	
		For Embossed Panel Door, Add	*197.06*	
		For Baked Enamel Finish, Add	*264.42*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.10*	
		For >100, Deduct	*-73.64*	
		For 2" Thick Door, Add	*62.54*	
		For Polystyrene Core, Add	*82.11*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*205.27*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*102.64*	
		For Steel Stiffened, Add	*205.27*	
08 13 13 13-0041	EA	3'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	968.93	62.83
		For Galvanized Steel Door, Add	*168.65*	
		For Type 304 Stainless Steel Door, Add	*674.62*	
		For Type 316 Stainless Steel Door, Add	*1,096.25*	
		For Embossed Panel Door, Add	*202.38*	
		For Baked Enamel Finish, Add	*271.83*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-51.59*	
		For >100, Deduct	*-75.81*	
		For 2" Thick Door, Add	*64.28*	
		For Polystyrene Core, Add	*84.33*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*210.82*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*105.41*	
		For Steel Stiffened, Add	*210.82*	
08 13 13 13-0042	EA	4' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,067.76	67.86
		For Galvanized Steel Door, Add	*186.41*	
		For Type 304 Stainless Steel Door, Add	*745.63*	
		For Type 316 Stainless Steel Door, Add	*1,211.65*	
		For Embossed Panel Door, Add	*223.69*	
		For Baked Enamel Finish, Add	*299.97*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-56.78*	
		For >100, Deduct	*-83.48*	
		For 2" Thick Door, Add	*70.97*	
		For Polystyrene Core, Add	*93.20*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*233.01*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*116.51*	
		For Steel Stiffened, Add	*233.01*	

08 13 13 13-0043 7' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

08 13 13 13-0044	EA	2' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	856.39	55.29
		For Galvanized Steel Door, Add	*149.16*	
		For Type 304 Stainless Steel Door, Add	*596.64*	
		For Type 316 Stainless Steel Door, Add	*969.54*	
		For Embossed Panel Door, Add	*178.99*	
		For Baked Enamel Finish, Add	*240.33*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.58*	
		For >100, Deduct	*-66.99*	
		For 2" Thick Door, Add	*56.84*	
		For Polystyrene Core, Add	*74.58*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*186.45*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*93.23*	
		For Steel Stiffened, Add	*186.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0045	EA	2'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	856.39	55.29
		For Galvanized Steel Door, Add	*149.16*	
		For Type 304 Stainless Steel Door, Add	*596.64*	
		For Type 316 Stainless Steel Door, Add	*969.54*	
		For Embossed Panel Door, Add	*178.99*	
		For Baked Enamel Finish, Add	*240.33*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.58*	
		For >100, Deduct	*-66.99*	
		For 2" Thick Door, Add	*56.84*	
		For Polystyrene Core, Add	*74.58*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*186.45*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*93.23*	
		For Steel Stiffened, Add	*186.45*	
08 13 13 13-0046	EA	2'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	876.67	57.80
		For Galvanized Steel Door, Add	*152.21*	
		For Type 304 Stainless Steel Door, Add	*608.85*	
		For Type 316 Stainless Steel Door, Add	*989.38*	
		For Embossed Panel Door, Add	*182.65*	
		For Baked Enamel Finish, Add	*245.66*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.72*	
		For >100, Deduct	*-68.64*	
		For 2" Thick Door, Add	*58.07*	
		For Polystyrene Core, Add	*76.11*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*190.27*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*95.13*	
		For Steel Stiffened, Add	*190.27*	
08 13 13 13-0047	EA	2'-8" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	888.02	57.80
		For Galvanized Steel Door, Add	*154.48*	
		For Type 304 Stainless Steel Door, Add	*617.93*	
		For Type 316 Stainless Steel Door, Add	*1,004.13*	
		For Embossed Panel Door, Add	*185.38*	
		For Baked Enamel Finish, Add	*249.06*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.29*	
		For >100, Deduct	*-69.49*	
		For 2" Thick Door, Add	*58.89*	
		For Polystyrene Core, Add	*77.24*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*193.10*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*96.55*	
		For Steel Stiffened, Add	*193.10*	
08 13 13 13-0048	EA	2'-10" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	895.08	59.06
		For Galvanized Steel Door, Add	*155.39*	
		For Type 304 Stainless Steel Door, Add	*621.57*	
		For Type 316 Stainless Steel Door, Add	*1,010.05*	
		For Embossed Panel Door, Add	*186.47*	
		For Baked Enamel Finish, Add	*250.81*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.71*	
		For >100, Deduct	*-70.08*	
		For 2" Thick Door, Add	*59.28*	
		For Polystyrene Core, Add	*77.70*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*194.24*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*97.12*	
		For Steel Stiffened, Add	*194.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0049	EA	3' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	902.13	60.32
		For Galvanized Steel Door, Add	*156.30*	
		For Type 304 Stainless Steel Door, Add	*625.20*	
		For Type 316 Stainless Steel Door, Add	*1,015.95*	
		For Embossed Panel Door, Add	*187.56*	
		For Baked Enamel Finish, Add	*252.54*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.12*	
		For >100, Deduct	*-70.68*	
		For 2" Thick Door, Add	*59.67*	
		For Polystyrene Core, Add	*78.15*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*195.38*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*97.69*	
		For Steel Stiffened, Add	*195.38*	
08 13 13 13-0050	EA	3'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	961.20	60.32
		For Galvanized Steel Door, Add	*168.11*	
		For Type 304 Stainless Steel Door, Add	*672.46*	
		For Type 316 Stainless Steel Door, Add	*1,092.74*	
		For Embossed Panel Door, Add	*201.74*	
		For Baked Enamel Finish, Add	*270.27*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-51.08*	
		For >100, Deduct	*-75.11*	
		For 2" Thick Door, Add	*63.96*	
		For Polystyrene Core, Add	*84.06*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*210.14*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*105.07*	
		For Steel Stiffened, Add	*210.14*	
08 13 13 13-0051	EA	3'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	988.95	62.83
		For Galvanized Steel Door, Add	*172.66*	
		For Type 304 Stainless Steel Door, Add	*690.63*	
		For Type 316 Stainless Steel Door, Add	*1,122.28*	
		For Embossed Panel Door, Add	*207.19*	
		For Baked Enamel Finish, Add	*277.84*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-52.59*	
		For >100, Deduct	*-77.31*	
		For 2" Thick Door, Add	*65.73*	
		For Polystyrene Core, Add	*86.33*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*215.82*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*107.91*	
		For Steel Stiffened, Add	*215.82*	
08 13 13 13-0052	EA	4' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,089.88	67.86
		For Galvanized Steel Door, Add	*190.83*	
		For Type 304 Stainless Steel Door, Add	*763.33*	
		For Type 316 Stainless Steel Door, Add	*1,240.41*	
		For Embossed Panel Door, Add	*229.00*	
		For Baked Enamel Finish, Add	*306.61*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-57.89*	
		For >100, Deduct	*-85.13*	
		For 2" Thick Door, Add	*72.57*	
		For Polystyrene Core, Add	*95.42*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*238.54*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*119.27*	
		For Steel Stiffened, Add	*238.54*	

08 13 13 13-0053 7'-2" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0054	EA	2' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	873.68	55.29
		For Galvanized Steel Door, Add	*152.62*	
		For Type 304 Stainless Steel Door, Add	*610.47*	
		For Type 316 Stainless Steel Door, Add	*992.02*	
		For Embossed Panel Door, Add	*183.14*	
		For Baked Enamel Finish, Add	*245.52*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.45*	
		For >100, Deduct	*-68.29*	
		For 2" Thick Door, Add	*58.09*	
		For Polystyrene Core, Add	*76.31*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*190.77*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*95.39*	
		For Steel Stiffened, Add	*190.77*	
08 13 13 13-0055	EA	2'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	873.68	55.29
		For Galvanized Steel Door, Add	*152.62*	
		For Type 304 Stainless Steel Door, Add	*610.47*	
		For Type 316 Stainless Steel Door, Add	*992.02*	
		For Embossed Panel Door, Add	*183.14*	
		For Baked Enamel Finish, Add	*245.52*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.45*	
		For >100, Deduct	*-68.29*	
		For 2" Thick Door, Add	*58.09*	
		For Polystyrene Core, Add	*76.31*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*190.77*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*95.39*	
		For Steel Stiffened, Add	*190.77*	
08 13 13 13-0056	EA	2'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	894.31	57.80
		For Galvanized Steel Door, Add	*155.74*	
		For Type 304 Stainless Steel Door, Add	*622.96*	
		For Type 316 Stainless Steel Door, Add	*1,012.31*	
		For Embossed Panel Door, Add	*186.89*	
		For Baked Enamel Finish, Add	*250.95*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.61*	
		For >100, Deduct	*-69.96*	
		For 2" Thick Door, Add	*59.35*	
		For Polystyrene Core, Add	*77.87*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*194.68*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*97.34*	
		For Steel Stiffened, Add	*194.68*	
08 13 13 13-0057	EA	2'-8" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	905.93	57.80
		For Galvanized Steel Door, Add	*158.06*	
		For Type 304 Stainless Steel Door, Add	*632.26*	
		For Type 316 Stainless Steel Door, Add	*1,027.42*	
		For Embossed Panel Door, Add	*189.68*	
		For Baked Enamel Finish, Add	*254.44*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.19*	
		For >100, Deduct	*-70.84*	
		For 2" Thick Door, Add	*60.19*	
		For Polystyrene Core, Add	*79.03*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*197.58*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*98.79*	
		For Steel Stiffened, Add	*197.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0058	EA	3' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	920.25	60.32
		For Galvanized Steel Door, Add	*159.92*	
		For Type 304 Stainless Steel Door, Add	*639.70*	
		For Type 316 Stainless Steel Door, Add	*1,039.51*	
		For Embossed Panel Door, Add	*191.91*	
		For Baked Enamel Finish, Add	*257.98*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-49.03*	
		For >100, Deduct	*-72.03*	
		For 2" Thick Door, Add	*60.99*	
		For Polystyrene Core, Add	*79.96*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*199.91*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*99.95*	
		For Steel Stiffened, Add	*199.91*	
08 13 13 13-0059	EA	3'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	980.69	60.32
		For Galvanized Steel Door, Add	*172.01*	
		For Type 304 Stainless Steel Door, Add	*688.05*	
		For Type 316 Stainless Steel Door, Add	*1,118.08*	
		For Embossed Panel Door, Add	*206.41*	
		For Baked Enamel Finish, Add	*276.11*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-52.05*	
		For >100, Deduct	*-76.57*	
		For 2" Thick Door, Add	*65.37*	
		For Polystyrene Core, Add	*86.01*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*215.02*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*107.51*	
		For Steel Stiffened, Add	*215.02*	
08 13 13 13-0060	EA	3'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,008.96	62.83
		For Galvanized Steel Door, Add	*176.66*	
		For Type 304 Stainless Steel Door, Add	*706.64*	
		For Type 316 Stainless Steel Door, Add	*1,148.29*	
		For Embossed Panel Door, Add	*211.99*	
		For Baked Enamel Finish, Add	*283.84*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-53.59*	
		For >100, Deduct	*-78.81*	
		For 2" Thick Door, Add	*67.18*	
		For Polystyrene Core, Add	*88.33*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*220.83*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*110.41*	
		For Steel Stiffened, Add	*220.83*	
08 13 13 13-0061	EA	4' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,112.00	67.86
		For Galvanized Steel Door, Add	*195.26*	
		For Type 304 Stainless Steel Door, Add	*781.02*	
		For Type 316 Stainless Steel Door, Add	*1,269.16*	
		For Embossed Panel Door, Add	*234.31*	
		For Baked Enamel Finish, Add	*313.24*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-58.99*	
		For >100, Deduct	*-86.79*	
		For 2" Thick Door, Add	*74.17*	
		For Polystyrene Core, Add	*97.63*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*244.07*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*122.04*	
		For Steel Stiffened, Add	*244.07*	

08 13 13 13-0062 8' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0063	EA	2' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,016.30	55.29
		For Up To 1' Extra Height, Add	*250.61*	
		For 1' To 1'-6" Extra Height, Add	*478.12*	
		For Galvanized Steel Door, Add	*181.14*	
		For Type 304 Stainless Steel Door, Add	*724.57*	
		For Type 316 Stainless Steel Door, Add	*1,177.42*	
		For Embossed Panel Door, Add	*217.37*	
		For Baked Enamel Finish, Add	*288.30*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-53.58*	
		For >100, Deduct	*-78.99*	
		For 2" Thick Door, Add	*68.43*	
		For Polystyrene Core, Add	*90.57*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*226.43*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*113.21*	
		For Steel Stiffened, Add	*226.43*	
08 13 13 13-0064	EA	2'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,016.30	55.29
		For Up To 1' Extra Height, Add	*250.61*	
		For 1' To 1'-6" Extra Height, Add	*478.12*	
		For Galvanized Steel Door, Add	*181.14*	
		For Type 304 Stainless Steel Door, Add	*724.57*	
		For Type 316 Stainless Steel Door, Add	*1,177.42*	
		For Embossed Panel Door, Add	*217.37*	
		For Baked Enamel Finish, Add	*288.30*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-53.58*	
		For >100, Deduct	*-78.99*	
		For 2" Thick Door, Add	*68.43*	
		For Polystyrene Core, Add	*90.57*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*226.43*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*113.21*	
		For Steel Stiffened, Add	*226.43*	
08 13 13 13-0065	EA	2'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,039.85	57.80
		For Up To 1' Extra Height, Add	*255.74*	
		For 1' To 1'-6" Extra Height, Add	*487.91*	
		For Galvanized Steel Door, Add	*184.85*	
		For Type 304 Stainless Steel Door, Add	*739.39*	
		For Type 316 Stainless Steel Door, Add	*1,201.51*	
		For Embossed Panel Door, Add	*221.82*	
		For Baked Enamel Finish, Add	*294.61*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-54.88*	
		For >100, Deduct	*-80.88*	
		For 2" Thick Door, Add	*69.90*	
		For Polystyrene Core, Add	*92.42*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*231.06*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*115.53*	
		For Steel Stiffened, Add	*231.06*	
08 13 13 13-0066	EA	2'-8" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,053.64	57.80
		For Up To 1' Extra Height, Add	*259.55*	
		For 1' To 1'-6" Extra Height, Add	*495.19*	
		For Galvanized Steel Door, Add	*187.61*	
		For Type 304 Stainless Steel Door, Add	*750.42*	
		For Type 316 Stainless Steel Door, Add	*1,219.44*	
		For Embossed Panel Door, Add	*225.13*	
		For Baked Enamel Finish, Add	*298.75*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-55.57*	
		For >100, Deduct	*-81.91*	
		For 2" Thick Door, Add	*70.90*	
		For Polystyrene Core, Add	*93.80*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*234.51*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*117.25*	
		For Steel Stiffened, Add	*234.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0067	EA	2'-10" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,061.66	59.06
		For Up To 1' Extra Height, Add	*261.08*	
		For 1' To 1'-6" Extra Height, Add	*498.09*	
		For Galvanized Steel Door, Add	*188.71*	
		For Type 304 Stainless Steel Door, Add	*754.83*	
		For Type 316 Stainless Steel Door, Add	*1,226.60*	
		For Embossed Panel Door, Add	*226.45*	
		For Baked Enamel Finish, Add	*300.78*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-56.04*	
		For >100, Deduct	*-82.58*	
		For 2" Thick Door, Add	*71.36*	
		For Polystyrene Core, Add	*94.35*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*235.89*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*117.94*	
		For Steel Stiffened, Add	*235.89*	
08 13 13 13-0068	EA	3' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,069.69	60.32
		For Up To 1' Extra Height, Add	*262.60*	
		For 1' To 1'-6" Extra Height, Add	*501.01*	
		For Galvanized Steel Door, Add	*189.81*	
		For Type 304 Stainless Steel Door, Add	*759.25*	
		For Type 316 Stainless Steel Door, Add	*1,233.78*	
		For Embossed Panel Door, Add	*227.77*	
		For Baked Enamel Finish, Add	*302.81*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-56.50*	
		For >100, Deduct	*-83.24*	
		For 2" Thick Door, Add	*71.82*	
		For Polystyrene Core, Add	*94.91*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*237.27*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*118.63*	
		For Steel Stiffened, Add	*237.27*	
08 13 13 13-0069	EA	3'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,141.42	60.32
		For Up To 1' Extra Height, Add	*282.45*	
		For 1' To 1'-6" Extra Height, Add	*538.88*	
		For Galvanized Steel Door, Add	*204.16*	
		For Type 304 Stainless Steel Door, Add	*816.63*	
		For Type 316 Stainless Steel Door, Add	*1,327.03*	
		For Embossed Panel Door, Add	*244.99*	
		For Baked Enamel Finish, Add	*324.33*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-60.09*	
		For >100, Deduct	*-88.62*	
		For 2" Thick Door, Add	*77.02*	
		For Polystyrene Core, Add	*102.08*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*255.20*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*127.60*	
		For Steel Stiffened, Add	*255.20*	
08 13 13 13-0070	EA	3'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,174.05	62.83
		For Up To 1' Extra Height, Add	*290.09*	
		For 1' To 1'-6" Extra Height, Add	*553.45*	
		For Galvanized Steel Door, Add	*209.68*	
		For Type 304 Stainless Steel Door, Add	*838.71*	
		For Type 316 Stainless Steel Door, Add	*1,362.91*	
		For Embossed Panel Door, Add	*251.61*	
		For Baked Enamel Finish, Add	*333.37*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-61.84*	
		For >100, Deduct	*-91.20*	
		For 2" Thick Door, Add	*79.15*	
		For Polystyrene Core, Add	*104.84*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*262.10*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*131.05*	
		For Steel Stiffened, Add	*262.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0071	EA	4' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,294.46	67.86
		For Up To 1' Extra Height, Add	*320.62*	
		For 1' To 1'-6" Extra Height, Add	*611.70*	
		For Galvanized Steel Door, Add	*231.75*	
		For Type 304 Stainless Steel Door, Add	*926.99*	
		For Type 316 Stainless Steel Door, Add	*1,506.36*	
		For Embossed Panel Door, Add	*278.10*	
		For Baked Enamel Finish, Add	*367.98*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-68.12*	
		For >100, Deduct	*-100.48*	
		For 2" Thick Door, Add	*87.40*	
		For Polystyrene Core, Add	*115.87*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*289.69*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*144.84*	
		For Steel Stiffened, Add	*289.69*	
08 13 13 13-0072		16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*		
08 13 13 13-0073		6'-8" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*		
08 13 13 13-0074	EA	2' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,119.58	55.29
		For 14 Gauge, Level 4 Maximum Duty, Add	*403.60*	
		For Galvanized Steel Door, Add	*201.80*	
		For Type 304 Stainless Steel Door, Add	*807.19*	
		For Type 316 Stainless Steel Door, Add	*1,311.69*	
		For Embossed Panel Door, Add	*242.16*	
		For Baked Enamel Finish, Add	*319.29*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-58.74*	
		For >100, Deduct	*-86.73*	
		For 2" Thick Door, Add	*75.92*	
		For Polystyrene Core, Add	*100.90*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*252.25*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*126.12*	
		For Steel Stiffened, Add	*252.25*	
08 13 13 13-0075	EA	2'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,119.58	55.29
		For 14 Gauge, Level 4 Maximum Duty, Add	*403.60*	
		For Galvanized Steel Door, Add	*201.80*	
		For Type 304 Stainless Steel Door, Add	*807.19*	
		For Type 316 Stainless Steel Door, Add	*1,311.69*	
		For Embossed Panel Door, Add	*242.16*	
		For Baked Enamel Finish, Add	*319.29*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-58.74*	
		For >100, Deduct	*-86.73*	
		For 2" Thick Door, Add	*75.92*	
		For Polystyrene Core, Add	*100.90*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*252.25*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*126.12*	
		For Steel Stiffened, Add	*252.25*	
08 13 13 13-0076	EA	2'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,145.24	57.80
		For 14 Gauge, Level 4 Maximum Duty, Add	*411.85*	
		For Galvanized Steel Door, Add	*205.93*	
		For Type 304 Stainless Steel Door, Add	*823.70*	
		For Type 316 Stainless Steel Door, Add	*1,338.52*	
		For Embossed Panel Door, Add	*247.11*	
		For Baked Enamel Finish, Add	*326.23*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-60.15*	
		For >100, Deduct	*-88.78*	
		For 2" Thick Door, Add	*77.54*	
		For Polystyrene Core, Add	*102.96*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*257.41*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*128.70*	
		For Steel Stiffened, Add	*257.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0077	EA	2'-8" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,160.60	57.80
		For 14 Gauge, Level 4 Maximum Duty, Add	*418.00*	
		For Galvanized Steel Door, Add	*209.00*	
		For Type 304 Stainless Steel Door, Add	*835.99*	
		For Type 316 Stainless Steel Door, Add	*1,358.49*	
		For Embossed Panel Door, Add	*250.80*	
		For Baked Enamel Finish, Add	*330.84*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-60.92*	
		For >100, Deduct	*-89.94*	
		For 2" Thick Door, Add	*78.65*	
		For Polystyrene Core, Add	*104.50*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*261.25*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*130.62*	
		For Steel Stiffened, Add	*261.25*	
08 13 13 13-0078	EA	2'-10" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,169.28	59.06
		For 14 Gauge, Level 4 Maximum Duty, Add	*420.46*	
		For Galvanized Steel Door, Add	*210.23*	
		For Type 304 Stainless Steel Door, Add	*840.93*	
		For Type 316 Stainless Steel Door, Add	*1,366.51*	
		For Embossed Panel Door, Add	*252.28*	
		For Baked Enamel Finish, Add	*333.07*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-61.42*	
		For >100, Deduct	*-90.65*	
		For 2" Thick Door, Add	*79.16*	
		For Polystyrene Core, Add	*105.12*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*262.79*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*131.40*	
		For Steel Stiffened, Add	*262.79*	
08 13 13 13-0079	EA	3' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,177.92	60.32
		For 14 Gauge, Level 4 Maximum Duty, Add	*422.92*	
		For Galvanized Steel Door, Add	*211.46*	
		For Type 304 Stainless Steel Door, Add	*845.83*	
		For Type 316 Stainless Steel Door, Add	*1,374.48*	
		For Embossed Panel Door, Add	*253.75*	
		For Baked Enamel Finish, Add	*335.28*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-61.91*	
		For >100, Deduct	*-91.36*	
		For 2" Thick Door, Add	*79.67*	
		For Polystyrene Core, Add	*105.73*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*264.32*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*132.16*	
		For Steel Stiffened, Add	*264.32*	
08 13 13 13-0080	EA	3'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,257.83	60.32
		For 14 Gauge, Level 4 Maximum Duty, Add	*454.88*	
		For Galvanized Steel Door, Add	*227.44*	
		For Type 304 Stainless Steel Door, Add	*909.76*	
		For Type 316 Stainless Steel Door, Add	*1,478.36*	
		For Embossed Panel Door, Add	*272.93*	
		For Baked Enamel Finish, Add	*359.25*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-65.91*	
		For >100, Deduct	*-97.35*	
		For 2" Thick Door, Add	*85.46*	
		For Polystyrene Core, Add	*113.72*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*284.30*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*142.15*	
		For Steel Stiffened, Add	*284.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0081	EA	3'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,293.59	62.83
		For 14 Gauge, Level 4 Maximum Duty, Add	*467.17*	
		For Galvanized Steel Door, Add	*233.59*	
		For Type 304 Stainless Steel Door, Add	*934.34*	
		For Type 316 Stainless Steel Door, Add	*1,518.31*	
		For Embossed Panel Door, Add	*280.30*	
		For Baked Enamel Finish, Add	*369.23*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-67.82*	
		For >100, Deduct	*-100.16*	
		For 2" Thick Door, Add	*87.82*	
		For Polystyrene Core, Add	*116.79*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*291.98*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*145.99*	
		For Steel Stiffened, Add	*291.98*	
08 13 13 13-0082	EA	4' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,426.59	67.86
		For 14 Gauge, Level 4 Maximum Duty, Add	*516.35*	
		For Galvanized Steel Door, Add	*258.17*	
		For Type 304 Stainless Steel Door, Add	*1,032.70*	
		For Type 316 Stainless Steel Door, Add	*1,678.13*	
		For Embossed Panel Door, Add	*309.81*	
		For Baked Enamel Finish, Add	*407.62*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-74.72*	
		For >100, Deduct	*-110.39*	
		For 2" Thick Door, Add	*96.98*	
		For Polystyrene Core, Add	*129.09*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*322.72*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*161.36*	
		For Steel Stiffened, Add	*322.72*	

08 13 13 13-0083 7' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

08 13 13 13-0084	EA	2' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,143.53	55.29
		For 14 Gauge, Level 4 Maximum Duty, Add	*413.18*	
		For Galvanized Steel Door, Add	*206.59*	
		For Type 304 Stainless Steel Door, Add	*826.35*	
		For Type 316 Stainless Steel Door, Add	*1,342.82*	
		For Embossed Panel Door, Add	*247.91*	
		For Baked Enamel Finish, Add	*326.47*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-59.94*	
		For >100, Deduct	*-88.53*	
		For 2" Thick Door, Add	*77.65*	
		For Polystyrene Core, Add	*103.29*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*258.24*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*129.12*	
		For Steel Stiffened, Add	*258.24*	
08 13 13 13-0085	EA	2'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,143.53	55.29
		For 14 Gauge, Level 4 Maximum Duty, Add	*413.18*	
		For Galvanized Steel Door, Add	*206.59*	
		For Type 304 Stainless Steel Door, Add	*826.35*	
		For Type 316 Stainless Steel Door, Add	*1,342.82*	
		For Embossed Panel Door, Add	*247.91*	
		For Baked Enamel Finish, Add	*326.47*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-59.94*	
		For >100, Deduct	*-88.53*	
		For 2" Thick Door, Add	*77.65*	
		For Polystyrene Core, Add	*103.29*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*258.24*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*129.12*	
		For Steel Stiffened, Add	*258.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0086	EA	2'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,169.67	57.80
		For 14 Gauge, Level 4 Maximum Duty, Add	*421.62*	
		For Galvanized Steel Door, Add	*210.81*	
		For Type 304 Stainless Steel Door, Add	*843.25*	
		For Type 316 Stainless Steel Door, Add	*1,370.28*	
		For Embossed Panel Door, Add	*252.97*	
		For Baked Enamel Finish, Add	*333.56*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-61.37*	
		For >100, Deduct	*-90.62*	
		For 2" Thick Door, Add	*79.31*	
		For Polystyrene Core, Add	*105.41*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*263.52*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*131.76*	
		For Steel Stiffened, Add	*263.52*	
08 13 13 13-0087	EA	2'-8" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,185.40	57.80
		For 14 Gauge, Level 4 Maximum Duty, Add	*427.92*	
		For Galvanized Steel Door, Add	*213.96*	
		For Type 304 Stainless Steel Door, Add	*855.83*	
		For Type 316 Stainless Steel Door, Add	*1,390.73*	
		For Embossed Panel Door, Add	*256.75*	
		For Baked Enamel Finish, Add	*338.28*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-62.16*	
		For >100, Deduct	*-91.80*	
		For 2" Thick Door, Add	*80.45*	
		For Polystyrene Core, Add	*106.98*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*267.45*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*133.72*	
		For Steel Stiffened, Add	*267.45*	
08 13 13 13-0088	EA	2'-10" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,194.21	59.06
		For 14 Gauge, Level 4 Maximum Duty, Add	*430.44*	
		For Galvanized Steel Door, Add	*215.22*	
		For Type 304 Stainless Steel Door, Add	*860.87*	
		For Type 316 Stainless Steel Door, Add	*1,398.92*	
		For Embossed Panel Door, Add	*258.26*	
		For Baked Enamel Finish, Add	*340.55*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-62.66*	
		For >100, Deduct	*-92.52*	
		For 2" Thick Door, Add	*80.97*	
		For Polystyrene Core, Add	*107.61*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*269.02*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*134.51*	
		For Steel Stiffened, Add	*269.02*	
08 13 13 13-0089	EA	3' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,203.01	60.32
		For 14 Gauge, Level 4 Maximum Duty, Add	*432.95*	
		For Galvanized Steel Door, Add	*216.48*	
		For Type 304 Stainless Steel Door, Add	*865.90*	
		For Type 316 Stainless Steel Door, Add	*1,407.09*	
		For Embossed Panel Door, Add	*259.77*	
		For Baked Enamel Finish, Add	*342.81*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-63.17*	
		For >100, Deduct	*-93.24*	
		For 2" Thick Door, Add	*81.49*	
		For Polystyrene Core, Add	*108.24*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*270.60*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*135.30*	
		For Steel Stiffened, Add	*270.60*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0090	EA	3'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,284.82	60.32
		For 14 Gauge, Level 4 Maximum Duty, Add	*465.68*	
		For Galvanized Steel Door, Add	*232.84*	
		For Type 304 Stainless Steel Door, Add	*931.35*	
		For Type 316 Stainless Steel Door, Add	*1,513.45*	
		For Embossed Panel Door, Add	*279.41*	
		For Baked Enamel Finish, Add	*367.35*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-67.26*	
		For >100, Deduct	*-99.38*	
		For 2" Thick Door, Add	*87.42*	
		For Polystyrene Core, Add	*116.42*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*291.05*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*145.52*	
		For Steel Stiffened, Add	*291.05*	
08 13 13 13-0091	EA	3'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,321.31	62.83
		For 14 Gauge, Level 4 Maximum Duty, Add	*478.26*	
		For Galvanized Steel Door, Add	*239.13*	
		For Type 304 Stainless Steel Door, Add	*956.52*	
		For Type 316 Stainless Steel Door, Add	*1,554.35*	
		For Embossed Panel Door, Add	*286.96*	
		For Baked Enamel Finish, Add	*377.54*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-69.21*	
		For >100, Deduct	*-102.24*	
		For 2" Thick Door, Add	*89.83*	
		For Polystyrene Core, Add	*119.57*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*298.91*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*149.46*	
		For Steel Stiffened, Add	*298.91*	
08 13 13 13-0092	EA	4' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,457.23	67.86
		For 14 Gauge, Level 4 Maximum Duty, Add	*528.60*	
		For Galvanized Steel Door, Add	*264.30*	
		For Type 304 Stainless Steel Door, Add	*1,057.21*	
		For Type 316 Stainless Steel Door, Add	*1,717.96*	
		For Embossed Panel Door, Add	*317.16*	
		For Baked Enamel Finish, Add	*416.81*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-76.25*	
		For >100, Deduct	*-112.69*	
		For 2" Thick Door, Add	*99.20*	
		For Polystyrene Core, Add	*132.15*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*330.38*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*165.19*	
		For Steel Stiffened, Add	*330.38*	

08 13 13 13-0093 7'-2" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

08 13 13 13-0094	EA	2' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,167.48	55.29
		For 14 Gauge, Level 4 Maximum Duty, Add	*422.76*	
		For Galvanized Steel Door, Add	*211.38*	
		For Type 304 Stainless Steel Door, Add	*845.51*	
		For Type 316 Stainless Steel Door, Add	*1,373.96*	
		For Embossed Panel Door, Add	*253.65*	
		For Baked Enamel Finish, Add	*333.66*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-61.14*	
		For >100, Deduct	*-90.33*	
		For 2" Thick Door, Add	*79.39*	
		For Polystyrene Core, Add	*105.69*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*264.22*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*132.11*	
		For Steel Stiffened, Add	*264.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0095	EA	2'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,167.48	55.29
		For 14 Gauge, Level 4 Maximum Duty, Add	*422.76*	
		For Galvanized Steel Door, Add	*211.38*	
		For Type 304 Stainless Steel Door, Add	*845.51*	
		For Type 316 Stainless Steel Door, Add	*1,373.96*	
		For Embossed Panel Door, Add	*253.65*	
		For Baked Enamel Finish, Add	*333.66*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-61.14*	
		For >100, Deduct	*-90.33*	
		For 2" Thick Door, Add	*79.39*	
		For Polystyrene Core, Add	*105.69*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*264.22*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*132.11*	
		For Steel Stiffened, Add	*264.22*	
08 13 13 13-0096	EA	2'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,194.11	57.80
		For 14 Gauge, Level 4 Maximum Duty, Add	*431.40*	
		For Galvanized Steel Door, Add	*215.70*	
		For Type 304 Stainless Steel Door, Add	*862.80*	
		For Type 316 Stainless Steel Door, Add	*1,402.05*	
		For Embossed Panel Door, Add	*258.84*	
		For Baked Enamel Finish, Add	*340.89*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-62.60*	
		For >100, Deduct	*-92.45*	
		For 2" Thick Door, Add	*81.08*	
		For Polystyrene Core, Add	*107.85*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*269.63*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*134.81*	
		For Steel Stiffened, Add	*269.63*	
08 13 13 13-0097	EA	2'-8" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,210.21	57.80
		For 14 Gauge, Level 4 Maximum Duty, Add	*437.84*	
		For Galvanized Steel Door, Add	*218.92*	
		For Type 304 Stainless Steel Door, Add	*875.68*	
		For Type 316 Stainless Steel Door, Add	*1,422.98*	
		For Embossed Panel Door, Add	*262.70*	
		For Baked Enamel Finish, Add	*345.72*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-63.40*	
		For >100, Deduct	*-93.66*	
		For 2" Thick Door, Add	*82.25*	
		For Polystyrene Core, Add	*109.46*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*273.65*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*136.83*	
		For Steel Stiffened, Add	*273.65*	
08 13 13 13-0098	EA	2'-10" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,219.17	59.06
		For 14 Gauge, Level 4 Maximum Duty, Add	*440.42*	
		For Galvanized Steel Door, Add	*220.21*	
		For Type 304 Stainless Steel Door, Add	*880.84*	
		For Type 316 Stainless Steel Door, Add	*1,431.37*	
		For Embossed Panel Door, Add	*264.25*	
		For Baked Enamel Finish, Add	*348.03*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-63.91*	
		For >100, Deduct	*-94.39*	
		For 2" Thick Door, Add	*82.78*	
		For Polystyrene Core, Add	*110.11*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*275.26*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*137.63*	
		For Steel Stiffened, Add	*275.26*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0099		EA	3' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,228.10	60.32
			For 14 Gauge, Level 4 Maximum Duty, Add	*442.99*	
			For Galvanized Steel Door, Add	*221.49*	
			For Type 304 Stainless Steel Door, Add	*885.98*	
			For Type 316 Stainless Steel Door, Add	*1,439.71*	
			For Embossed Panel Door, Add	*265.79*	
			For Baked Enamel Finish, Add	*350.34*	
			For 20 Minute Fire Rated Door, Add	*27.63*	
			For 45 Minute Fire Rated Door, Add	*41.40*	
			For 60 Minute Fire Rated Door, Add	*55.27*	
			For 90 Minute Fire Rated Door, Add	*93.38*	
			For 3 Hour Fire Rated Door, Add	*131.50*	
			For >50 To 100, Deduct	*-64.42*	
			For >100, Deduct	*-95.12*	
			For 2" Thick Door, Add	*83.31*	
			For Polystyrene Core, Add	*110.75*	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*276.87*	
			For Continuously Welded And Filled Vertical Edge Seam, Add	*138.43*	
			For Steel Stiffened, Add	*276.87*	
08 13 13 13-0100		EA	3'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,311.81	60.32
			For 14 Gauge, Level 4 Maximum Duty, Add	*476.47*	
			For Galvanized Steel Door, Add	*238.24*	
			For Type 304 Stainless Steel Door, Add	*952.94*	
			For Type 316 Stainless Steel Door, Add	*1,548.53*	
			For Embossed Panel Door, Add	*285.88*	
			For Baked Enamel Finish, Add	*375.45*	
			For 20 Minute Fire Rated Door, Add	*27.63*	
			For 45 Minute Fire Rated Door, Add	*41.40*	
			For 60 Minute Fire Rated Door, Add	*55.27*	
			For 90 Minute Fire Rated Door, Add	*93.38*	
			For 3 Hour Fire Rated Door, Add	*131.50*	
			For >50 To 100, Deduct	*-68.61*	
			For >100, Deduct	*-101.40*	
			For 2" Thick Door, Add	*89.38*	
			For Polystyrene Core, Add	*119.12*	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*297.80*	
			For Continuously Welded And Filled Vertical Edge Seam, Add	*148.90*	
			For Steel Stiffened, Add	*297.80*	
08 13 13 13-0101		EA	3'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,349.03	62.83
			For 14 Gauge, Level 4 Maximum Duty, Add	*489.35*	
			For Galvanized Steel Door, Add	*244.67*	
			For Type 304 Stainless Steel Door, Add	*978.70*	
			For Type 316 Stainless Steel Door, Add	*1,590.38*	
			For Embossed Panel Door, Add	*293.61*	
			For Baked Enamel Finish, Add	*385.86*	
			For 20 Minute Fire Rated Door, Add	*27.63*	
			For 45 Minute Fire Rated Door, Add	*41.40*	
			For 60 Minute Fire Rated Door, Add	*55.27*	
			For 90 Minute Fire Rated Door, Add	*93.38*	
			For 3 Hour Fire Rated Door, Add	*131.50*	
			For >50 To 100, Deduct	*-70.59*	
			For >100, Deduct	*-104.32*	
			For 2" Thick Door, Add	*91.84*	
			For Polystyrene Core, Add	*122.34*	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*305.84*	
			For Continuously Welded And Filled Vertical Edge Seam, Add	*152.92*	
			For Steel Stiffened, Add	*305.84*	
08 13 13 13-0102		EA	4' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,487.87	67.86
			For 14 Gauge, Level 4 Maximum Duty, Add	*540.86*	
			For Galvanized Steel Door, Add	*270.43*	
			For Type 304 Stainless Steel Door, Add	*1,081.72*	
			For Type 316 Stainless Steel Door, Add	*1,757.80*	
			For Embossed Panel Door, Add	*324.52*	
			For Baked Enamel Finish, Add	*426.00*	
			For 20 Minute Fire Rated Door, Add	*27.63*	
			For 45 Minute Fire Rated Door, Add	*41.40*	
			For 60 Minute Fire Rated Door, Add	*55.27*	
			For 90 Minute Fire Rated Door, Add	*93.38*	
			For 3 Hour Fire Rated Door, Add	*131.50*	
			For >50 To 100, Deduct	*-77.79*	
			For >100, Deduct	*-114.98*	
			For 2" Thick Door, Add	*101.42*	
			For Polystyrene Core, Add	*135.22*	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*338.04*	
			For Continuously Welded And Filled Vertical Edge Seam, Add	*169.02*	
			For Steel Stiffened, Add	*338.04*	

08 13 13 13-0103 8' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0104	EA	2' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,365.00	55.29
		For Up To 1' Extra Height, Add	*347.10*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*501.76*	
		For Galvanized Steel Door, Add	*250.88*	
		For Type 304 Stainless Steel Door, Add	*1,003.53*	
		For Type 316 Stainless Steel Door, Add	*1,630.73*	
		For Embossed Panel Door, Add	*301.06*	
		For Baked Enamel Finish, Add	*392.91*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-71.01*	
		For >100, Deduct	*-105.14*	
		For 2" Thick Door, Add	*93.71*	
		For Polystyrene Core, Add	*125.44*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*313.60*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*156.80*	
		For Steel Stiffened, Add	*313.60*	
08 13 13 13-0105	EA	2'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,365.00	55.29
		For Up To 1' Extra Height, Add	*347.10*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*501.76*	
		For Galvanized Steel Door, Add	*250.88*	
		For Type 304 Stainless Steel Door, Add	*1,003.53*	
		For Type 316 Stainless Steel Door, Add	*1,630.73*	
		For Embossed Panel Door, Add	*301.06*	
		For Baked Enamel Finish, Add	*392.91*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-71.01*	
		For >100, Deduct	*-105.14*	
		For 2" Thick Door, Add	*93.71*	
		For Polystyrene Core, Add	*125.44*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*313.60*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*156.80*	
		For Steel Stiffened, Add	*313.60*	
08 13 13 13-0106	EA	2'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,395.68	57.80
		For Up To 1' Extra Height, Add	*354.20*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*512.03*	
		For Galvanized Steel Door, Add	*256.01*	
		For Type 304 Stainless Steel Door, Add	*1,024.06*	
		For Type 316 Stainless Steel Door, Add	*1,664.09*	
		For Embossed Panel Door, Add	*307.22*	
		For Baked Enamel Finish, Add	*401.36*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-72.67*	
		For >100, Deduct	*-107.57*	
		For 2" Thick Door, Add	*95.70*	
		For Polystyrene Core, Add	*128.01*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*320.02*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*160.01*	
		For Steel Stiffened, Add	*320.02*	
08 13 13 13-0107	EA	2'-8" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,414.78	57.80
		For Up To 1' Extra Height, Add	*359.48*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*519.67*	
		For Galvanized Steel Door, Add	*259.83*	
		For Type 304 Stainless Steel Door, Add	*1,039.34*	
		For Type 316 Stainless Steel Door, Add	*1,688.92*	
		For Embossed Panel Door, Add	*311.80*	
		For Baked Enamel Finish, Add	*407.09*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-73.63*	
		For >100, Deduct	*-109.00*	
		For 2" Thick Door, Add	*97.08*	
		For Polystyrene Core, Add	*129.92*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*324.79*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*162.40*	
		For Steel Stiffened, Add	*324.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0108	EA	2'-10" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,424.93	59.06
		For Up To 1' Extra Height, Add	*361.59*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*522.72*	
		For Galvanized Steel Door, Add	*261.36*	
		For Type 304 Stainless Steel Door, Add	*1,045.45*	
		For Type 316 Stainless Steel Door, Add	*1,698.85*	
		For Embossed Panel Door, Add	*313.63*	
		For Baked Enamel Finish, Add	*409.76*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-74.20*	
		For >100, Deduct	*-109.82*	
		For 2" Thick Door, Add	*97.70*	
		For Polystyrene Core, Add	*130.68*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*326.70*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*163.35*	
		For Steel Stiffened, Add	*326.70*	
08 13 13 13-0109	EA	3' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,435.08	60.32
		For Up To 1' Extra Height, Add	*363.71*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*525.78*	
		For Galvanized Steel Door, Add	*262.89*	
		For Type 304 Stainless Steel Door, Add	*1,051.56*	
		For Type 316 Stainless Steel Door, Add	*1,708.79*	
		For Embossed Panel Door, Add	*315.47*	
		For Baked Enamel Finish, Add	*412.43*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-74.77*	
		For >100, Deduct	*-110.65*	
		For 2" Thick Door, Add	*98.31*	
		For Polystyrene Core, Add	*131.45*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*328.61*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*164.31*	
		For Steel Stiffened, Add	*328.61*	
08 13 13 13-0110	EA	3'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,534.43	60.32
		For Up To 1' Extra Height, Add	*391.20*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*565.52*	
		For Galvanized Steel Door, Add	*282.76*	
		For Type 304 Stainless Steel Door, Add	*1,131.04*	
		For Type 316 Stainless Steel Door, Add	*1,837.94*	
		For Embossed Panel Door, Add	*339.31*	
		For Baked Enamel Finish, Add	*442.23*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-79.74*	
		For >100, Deduct	*-118.10*	
		For 2" Thick Door, Add	*105.52*	
		For Polystyrene Core, Add	*141.38*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*353.45*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*176.73*	
		For Steel Stiffened, Add	*353.45*	
08 13 13 13-0111	EA	3'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,577.68	62.83
		For Up To 1' Extra Height, Add	*401.77*	
		For 1' To 1'-6" Extra Height, Add	*766.52*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*580.81*	
		For Galvanized Steel Door, Add	*290.40*	
		For Type 304 Stainless Steel Door, Add	*1,161.62*	
		For Type 316 Stainless Steel Door, Add	*1,887.63*	
		For Embossed Panel Door, Add	*348.48*	
		For Baked Enamel Finish, Add	*454.46*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-82.03*	
		For >100, Deduct	*-121.47*	
		For 2" Thick Door, Add	*108.41*	
		For Polystyrene Core, Add	*145.20*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*363.01*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*181.50*	
		For Steel Stiffened, Add	*363.01*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0112	EA	4' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,740.57	67.86
		For Up To 1' Extra Height, Add	*444.06*	
		For 1' To 1'-6" Extra Height, Add	*847.20*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*641.94*	
		For Galvanized Steel Door, Add	*320.97*	
		For Type 304 Stainless Steel Door, Add	*1,283.88*	
		For Type 316 Stainless Steel Door, Add	*2,086.31*	
		For Embossed Panel Door, Add	*385.16*	
		For Baked Enamel Finish, Add	*501.81*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-90.42*	
		For >100, Deduct	*-133.94*	
		For 2" Thick Door, Add	*119.74*	
		For Polystyrene Core, Add	*160.49*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*401.21*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*200.61*	
		For Steel Stiffened, Add	*401.21*	

08 13 13 53 Custom Hollow Metal Doors *(08 13 13)*

08 13 13 53-0001 Steel 18 Gauge 1-3/4" Unrated Door *(08 13 13 53)*

08 13 13 53-0002	EA	2'-2" Or 2'-4" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door	2,487.59	125.66
		For 16 Gauge Door, Add	*20.30*	
08 13 13 53-0003	EA	2'-6" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door	2,599.68	150.79
		For 16 Gauge Door, Add	*20.30*	

08 13 73 Sliding Metal Doors *(08 13)*

08 13 73 00-0001 Sliding Bypass Mirror Doors *(08 13 73)*

Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides.

08 13 73 00-0002	EA	4' x 6' 8", Sliding Bypass Mirror Doors	472.69	75.40
08 13 73 00-0003	EA	5' x 6' 8", Sliding Bypass Mirror Doors	538.74	80.43
08 13 73 00-0004	EA	6' x 6' 8", Sliding Bypass Mirror Doors	604.78	85.45
08 13 73 00-0005	EA	8' x 6' 8", Sliding Bypass Mirror Doors	726.79	90.48

08 14 Wood Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware (unless note states included).
See CSI section 08 05 13 00-0040 for mortise preparation, 08 70 00 00-0000 for finish hardware.

08 14 16 Flush Wood Doors *(08 14)*

08 14 16 00-0001 1-3/8" Thick, Hollow Core (HC), Wood Doors *(08 14 16)*

08 14 16 00-0002 Birch Faced Wood Door *(08 14 16 00-0001)*

08 14 16 00-0003	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	265.48	55.29
		For >50 To 100, Deduct	*-16.04*	
		For >100, Deduct	*-22.68*	
08 14 16 00-0004	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	265.48	55.29
		For >50 To 100, Deduct	*-16.04*	
		For >100, Deduct	*-22.68*	
08 14 16 00-0005	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	281.48	57.80
		For >50 To 100, Deduct	*-16.96*	
		For >100, Deduct	*-24.00*	
08 14 16 00-0006	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	289.55	57.80
		For >50 To 100, Deduct	*-17.37*	
		For >100, Deduct	*-24.61*	
08 14 16 00-0007	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	291.44	57.80
		For >50 To 100, Deduct	*-17.46*	
		For >100, Deduct	*-24.75*	
08 14 16 00-0008	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	297.42	60.32
		For >50 To 100, Deduct	*-17.89*	
		For >100, Deduct	*-25.32*	
08 14 16 00-0009	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	314.68	60.32
		For >50 To 100, Deduct	*-18.75*	
		For >100, Deduct	*-26.62*	
08 14 16 00-0010	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	332.14	62.83
		For >50 To 100, Deduct	*-19.75*	
		For >100, Deduct	*-28.05*	
08 14 16 00-0011	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	274.51	55.29
		For >50 To 100, Deduct	*-16.49*	
		For >100, Deduct	*-23.35*	
08 14 16 00-0012	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	274.51	55.29
		For >50 To 100, Deduct	*-16.49*	
		For >100, Deduct	*-23.35*	
08 14 16 00-0013	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	291.15	57.80
		For >50 To 100, Deduct	*-17.45*	
		For >100, Deduct	*-24.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0014	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	299.69	57.80
		For >50 To 100, Deduct	*-17.87*	
		For >100, Deduct	*-25.37*	
08 14 16 00-0015	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	301.69	57.80
		For >50 To 100, Deduct	*-17.97*	
		For >100, Deduct	*-25.52*	
08 14 16 00-0016	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	307.70	60.32
		For >50 To 100, Deduct	*-18.40*	
		For >100, Deduct	*-26.09*	
08 14 16 00-0017	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	325.97	60.32
		For >50 To 100, Deduct	*-19.31*	
		For >100, Deduct	*-27.46*	
08 14 16 00-0018	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	344.15	62.83
		For >50 To 100, Deduct	*-20.35*	
		For >100, Deduct	*-28.95*	
08 14 16 00-0019	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	306.47	55.29
		For >50 To 100, Deduct	*-18.09*	
		For >100, Deduct	*-25.75*	
		For 9' Door Height, Add	*41.13*	
08 14 16 00-0020	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	306.47	55.29
		For >50 To 100, Deduct	*-18.09*	
		For >100, Deduct	*-25.75*	
		For 9' Door Height, Add	*41.13*	
08 14 16 00-0021	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	325.39	57.80
		For >50 To 100, Deduct	*-19.16*	
		For >100, Deduct	*-27.29*	
		For 9' Door Height, Add	*44.05*	
08 14 16 00-0022	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	335.57	57.80
		For >50 To 100, Deduct	*-19.67*	
		For >100, Deduct	*-28.06*	
		For 9' Door Height, Add	*46.19*	
08 14 16 00-0023	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	337.97	57.80
		For >50 To 100, Deduct	*-19.79*	
		For >100, Deduct	*-28.24*	
		For 9' Door Height, Add	*46.70*	
08 14 16 00-0024	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	344.18	60.32
		For >50 To 100, Deduct	*-20.22*	
		For >100, Deduct	*-28.83*	
		For 9' Door Height, Add	*46.95*	
08 14 16 00-0025	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	366.01	60.32
		For >50 To 100, Deduct	*-21.32*	
		For >100, Deduct	*-30.47*	
		For 9' Door Height, Add	*51.53*	
08 14 16 00-0026	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	386.74	62.83
		For >50 To 100, Deduct	*-22.48*	
		For >100, Deduct	*-32.15*	
		For 9' Door Height, Add	*54.83*	

08 14 16 00-0027 Oak Faced Wood Door *(08 14 16 00-0001)*

08 14 16 00-0028	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	302.18	55.29
		For >50 To 100, Deduct	*-17.87*	
		For >100, Deduct	*-25.43*	
08 14 16 00-0029	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	302.18	55.29
		For >50 To 100, Deduct	*-17.87*	
		For >100, Deduct	*-25.43*	
08 14 16 00-0030	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	320.77	57.80
		For >50 To 100, Deduct	*-18.93*	
		For >100, Deduct	*-26.95*	
08 14 16 00-0031	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	330.77	57.80
		For >50 To 100, Deduct	*-19.43*	
		For >100, Deduct	*-27.70*	
08 14 16 00-0032	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	332.53	57.80
		For >50 To 100, Deduct	*-19.52*	
		For >100, Deduct	*-27.83*	
08 14 16 00-0033	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	339.31	60.32
		For >50 To 100, Deduct	*-19.98*	
		For >100, Deduct	*-28.46*	
08 14 16 00-0034	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	360.63	60.32
		For >50 To 100, Deduct	*-21.05*	
		For >100, Deduct	*-30.06*	
08 14 16 00-0035	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	381.04	62.83
		For >50 To 100, Deduct	*-22.19*	
		For >100, Deduct	*-31.72*	
08 14 16 00-0036	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	313.32	55.29
		For >50 To 100, Deduct	*-18.43*	
		For >100, Deduct	*-26.26*	
08 14 16 00-0037	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	313.32	55.29
		For >50 To 100, Deduct	*-18.43*	
		For >100, Deduct	*-26.26*	
08 14 16 00-0038	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	332.72	57.80
		For >50 To 100, Deduct	*-19.53*	
		For >100, Deduct	*-27.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0039	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	343.29	57.80
		For >50 To 100, Deduct	*-20.05*	
		For >100, Deduct	*-28.64*	
08 14 16 00-0040	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	345.14	57.80
		For >50 To 100, Deduct	*-20.15*	
		For >100, Deduct	*-28.76*	
08 14 16 00-0041	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	352.02	60.32
		For >50 To 100, Deduct	*-20.62*	
		For >100, Deduct	*-29.42*	
08 14 16 00-0042	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	374.60	60.32
		For >50 To 100, Deduct	*-21.75*	
		For >100, Deduct	*-31.11*	
08 14 16 00-0043	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	395.89	62.83
		For >50 To 100, Deduct	*-22.94*	
		For >100, Deduct	*-32.83*	
08 14 16 00-0044	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	352.87	55.29
		For >50 To 100, Deduct	*-20.41*	
		For >100, Deduct	*-29.23*	
		For 9' Door Height, Add	*50.88*	
08 14 16 00-0045	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	352.87	55.29
		For >50 To 100, Deduct	*-20.41*	
		For >100, Deduct	*-29.23*	
		For 9' Door Height, Add	*50.88*	
08 14 16 00-0046	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	375.05	57.80
		For >50 To 100, Deduct	*-21.64*	
		For >100, Deduct	*-31.02*	
		For 9' Door Height, Add	*54.48*	
08 14 16 00-0047	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	387.67	57.80
		For >50 To 100, Deduct	*-22.27*	
		For >100, Deduct	*-31.97*	
		For 9' Door Height, Add	*57.13*	
08 14 16 00-0048	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	389.91	57.80
		For >50 To 100, Deduct	*-22.39*	
		For >100, Deduct	*-32.13*	
		For 9' Door Height, Add	*57.60*	
08 14 16 00-0049	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	397.14	60.32
		For >50 To 100, Deduct	*-22.87*	
		For >100, Deduct	*-32.80*	
		For 9' Door Height, Add	*58.07*	
08 14 16 00-0050	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	424.13	60.32
		For >50 To 100, Deduct	*-24.22*	
		For >100, Deduct	*-34.83*	
		For 9' Door Height, Add	*63.74*	
08 14 16 00-0051	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	448.60	62.83
		For >50 To 100, Deduct	*-25.57*	
		For >100, Deduct	*-36.79*	
		For 9' Door Height, Add	*67.82*	

08 14 16 00-0052 Maple Faced Wood Door *(08 14 16 00-0001)*

08 14 16 00-0053	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	340.51	55.29
		For >50 To 100, Deduct	*-19.79*	
		For >100, Deduct	*-28.30*	
08 14 16 00-0054	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	340.51	55.29
		For >50 To 100, Deduct	*-19.79*	
		For >100, Deduct	*-28.30*	
08 14 16 00-0055	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	361.80	57.80
		For >50 To 100, Deduct	*-20.98*	
		For >100, Deduct	*-30.03*	
08 14 16 00-0056	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	373.80	57.80
		For >50 To 100, Deduct	*-21.58*	
		For >100, Deduct	*-30.93*	
08 14 16 00-0057	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	375.92	57.80
		For >50 To 100, Deduct	*-21.69*	
		For >100, Deduct	*-31.08*	
08 14 16 00-0058	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	383.05	60.32
		For >50 To 100, Deduct	*-22.17*	
		For >100, Deduct	*-31.74*	
08 14 16 00-0059	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	408.64	60.32
		For >50 To 100, Deduct	*-23.45*	
		For >100, Deduct	*-33.66*	
08 14 16 00-0060	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	432.11	62.83
		For >50 To 100, Deduct	*-24.75*	
		For >100, Deduct	*-35.55*	
08 14 16 00-0061	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	353.86	55.29
		For >50 To 100, Deduct	*-20.46*	
		For >100, Deduct	*-29.30*	
08 14 16 00-0062	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	353.86	55.29
		For >50 To 100, Deduct	*-20.46*	
		For >100, Deduct	*-29.30*	
08 14 16 00-0063	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	376.14	57.80
		For >50 To 100, Deduct	*-21.70*	
		For >100, Deduct	*-31.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0064	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	388.82	57.80
		For >50 To 100, Deduct	*-22.33*	
		For >100, Deduct	*-32.05*	
08 14 16 00-0065	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	391.06	57.80
		For >50 To 100, Deduct	*-22.44*	
		For >100, Deduct	*-32.22*	
08 14 16 00-0066	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	398.29	60.32
		For >50 To 100, Deduct	*-22.93*	
		For >100, Deduct	*-32.89*	
08 14 16 00-0067	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	425.38	60.32
		For >50 To 100, Deduct	*-24.28*	
		For >100, Deduct	*-34.92*	
08 14 16 00-0068	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	449.95	62.83
		For >50 To 100, Deduct	*-25.64*	
		For >100, Deduct	*-36.89*	
08 14 16 00-0069	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	401.32	55.29
		For >50 To 100, Deduct	*-22.83*	
		For >100, Deduct	*-32.86*	
		For 9' Door Height, Add	*61.05*	
08 14 16 00-0070	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	401.32	55.29
		For >50 To 100, Deduct	*-22.83*	
		For >100, Deduct	*-32.86*	
		For 9' Door Height, Add	*61.05*	
08 14 16 00-0071	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	426.93	57.80
		For >50 To 100, Deduct	*-24.24*	
		For >100, Deduct	*-34.91*	
		For 9' Door Height, Add	*65.38*	
08 14 16 00-0072	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	442.07	57.80
		For >50 To 100, Deduct	*-24.99*	
		For >100, Deduct	*-36.05*	
		For 9' Door Height, Add	*68.56*	
08 14 16 00-0073	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	444.76	57.80
		For >50 To 100, Deduct	*-25.13*	
		For >100, Deduct	*-36.25*	
		For 9' Door Height, Add	*69.12*	
08 14 16 00-0074	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	452.44	60.32
		For >50 To 100, Deduct	*-25.64*	
		For >100, Deduct	*-36.95*	
		For 9' Door Height, Add	*69.68*	
08 14 16 00-0075	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	484.85	60.32
		For >50 To 100, Deduct	*-27.26*	
		For >100, Deduct	*-39.38*	
		For 9' Door Height, Add	*76.49*	
08 14 16 00-0076	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	513.19	62.83
		For >50 To 100, Deduct	*-28.80*	
		For >100, Deduct	*-41.63*	
		For 9' Door Height, Add	*81.38*	

08 14 16 00-0077 Lauan Faced Wood Doors *(08 14 16 00-0001)*

08 14 16 00-0078	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	226.41	55.29
		For >50 To 100, Deduct	*-14.09*	
		For >100, Deduct	*-19.75*	
08 14 16 00-0079	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	226.41	55.29
		For >50 To 100, Deduct	*-14.09*	
		For >100, Deduct	*-19.75*	
08 14 16 00-0080	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	239.28	57.80
		For >50 To 100, Deduct	*-14.85*	
		For >100, Deduct	*-20.84*	
08 14 16 00-0081	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	245.91	57.80
		For >50 To 100, Deduct	*-15.19*	
		For >100, Deduct	*-21.33*	
08 14 16 00-0082	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	248.25	57.80
		For >50 To 100, Deduct	*-15.30*	
		For >100, Deduct	*-21.51*	
08 14 16 00-0083	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	255.60	60.32
		For >50 To 100, Deduct	*-15.80*	
		For >100, Deduct	*-22.19*	
08 14 16 00-0084	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	268.51	60.32
		For >50 To 100, Deduct	*-16.44*	
		For >100, Deduct	*-23.15*	
08 14 16 00-0085	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	283.02	62.83
		For >50 To 100, Deduct	*-17.29*	
		For >100, Deduct	*-24.37*	
08 14 16 00-0086	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	233.15	55.29
		For >50 To 100, Deduct	*-14.42*	
		For >100, Deduct	*-20.25*	
08 14 16 00-0087	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	233.14	55.29
		For >50 To 100, Deduct	*-14.42*	
		For >100, Deduct	*-20.25*	
08 14 16 00-0088	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	246.48	57.80
		For >50 To 100, Deduct	*-15.21*	
		For >100, Deduct	*-21.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0089	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	253.49	57.80
		For >50 To 100, Deduct	*-15.56*	
		For >100, Deduct	*-21.90*	
08 14 16 00-0090	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	255.96	57.80
		For >50 To 100, Deduct	*-15.69*	
		For >100, Deduct	*-22.09*	
08 14 16 00-0091	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	263.45	60.32
		For >50 To 100, Deduct	*-16.19*	
		For >100, Deduct	*-22.77*	
08 14 16 00-0092	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	277.11	60.32
		For >50 To 100, Deduct	*-16.87*	
		For >100, Deduct	*-23.80*	
08 14 16 00-0093	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	292.16	62.83
		For >50 To 100, Deduct	*-17.75*	
		For >100, Deduct	*-25.05*	
08 14 16 00-0094	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	257.06	55.29
		For >50 To 100, Deduct	*-15.62*	
		For >100, Deduct	*-22.04*	
		For 9' Door Height, Add	*30.76*	
08 14 16 00-0095	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	257.03	55.29
		For >50 To 100, Deduct	*-15.62*	
		For >100, Deduct	*-22.04*	
		For 9' Door Height, Add	*30.75*	
08 14 16 00-0096	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	272.01	57.80
		For >50 To 100, Deduct	*-16.49*	
		For >100, Deduct	*-23.29*	
		For 9' Door Height, Add	*32.84*	
08 14 16 00-0097	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	280.36	57.80
		For >50 To 100, Deduct	*-16.91*	
		For >100, Deduct	*-23.92*	
		For 9' Door Height, Add	*34.60*	
08 14 16 00-0098	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	283.34	57.80
		For >50 To 100, Deduct	*-17.06*	
		For >100, Deduct	*-24.14*	
		For 9' Door Height, Add	*35.22*	
08 14 16 00-0099	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	291.31	60.32
		For >50 To 100, Deduct	*-17.58*	
		For >100, Deduct	*-24.86*	
		For 9' Door Height, Add	*35.84*	
08 14 16 00-0100	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	307.64	60.32
		For >50 To 100, Deduct	*-18.40*	
		For >100, Deduct	*-26.09*	
		For 9' Door Height, Add	*39.27*	
08 14 16 00-0101	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	324.61	62.83
		For >50 To 100, Deduct	*-19.37*	
		For >100, Deduct	*-27.49*	
		For 9' Door Height, Add	*41.78*	
08 14 16 00-0102		Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0001)*		
08 14 16 00-0103	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	229.55	55.29
		For >50 To 100, Deduct	*-14.24*	
		For >100, Deduct	*-19.98*	
08 14 16 00-0104	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	229.55	55.29
		For >50 To 100, Deduct	*-14.24*	
		For >100, Deduct	*-19.98*	
08 14 16 00-0105	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	243.25	57.80
		For >50 To 100, Deduct	*-15.05*	
		For >100, Deduct	*-21.13*	
08 14 16 00-0106	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	247.35	57.80
		For >50 To 100, Deduct	*-15.26*	
		For >100, Deduct	*-21.44*	
08 14 16 00-0107	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	251.48	57.80
		For >50 To 100, Deduct	*-15.46*	
		For >100, Deduct	*-21.75*	
08 14 16 00-0108	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	260.60	60.32
		For >50 To 100, Deduct	*-16.05*	
		For >100, Deduct	*-22.56*	
08 14 16 00-0109	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	276.00	60.32
		For >50 To 100, Deduct	*-16.82*	
		For >100, Deduct	*-23.72*	
08 14 16 00-0110	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	290.96	62.83
		For >50 To 100, Deduct	*-17.69*	
		For >100, Deduct	*-24.96*	
08 14 16 00-0111	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	236.47	55.29
		For >50 To 100, Deduct	*-14.59*	
		For >100, Deduct	*-20.50*	
08 14 16 00-0112	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	236.47	55.29
		For >50 To 100, Deduct	*-14.59*	
		For >100, Deduct	*-20.50*	
08 14 16 00-0113	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	250.67	57.80
		For >50 To 100, Deduct	*-15.42*	
		For >100, Deduct	*-21.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0114	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	255.02	57.80
		For >50 To 100, Deduct	*-15.64*	
		For >100, Deduct	*-22.02*	
08 14 16 00-0115	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	259.39	57.80
		For >50 To 100, Deduct	*-15.86*	
		For >100, Deduct	*-22.34*	
08 14 16 00-0116	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	268.76	60.32
		For >50 To 100, Deduct	*-16.45*	
		For >100, Deduct	*-23.17*	
08 14 16 00-0117	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	285.05	60.32
		For >50 To 100, Deduct	*-17.27*	
		For >100, Deduct	*-24.39*	
08 14 16 00-0118	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	300.58	62.83
		For >50 To 100, Deduct	*-18.17*	
		For >100, Deduct	*-25.69*	
08 14 16 00-0119	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	261.00	55.29
		For >50 To 100, Deduct	*-15.81*	
		For >100, Deduct	*-22.34*	
		For 9' Door Height, Add	*31.59*	
08 14 16 00-0120	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	261.03	55.29
		For >50 To 100, Deduct	*-15.82*	
		For >100, Deduct	*-22.34*	
		For 9' Door Height, Add	*31.59*	
08 14 16 00-0121	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	277.00	57.80
		For >50 To 100, Deduct	*-16.74*	
		For >100, Deduct	*-23.67*	
		For 9' Door Height, Add	*33.89*	
08 14 16 00-0122	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	282.22	57.80
		For >50 To 100, Deduct	*-17.00*	
		For >100, Deduct	*-24.06*	
		For 9' Door Height, Add	*34.99*	
08 14 16 00-0123	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	287.44	57.80
		For >50 To 100, Deduct	*-17.26*	
		For >100, Deduct	*-24.45*	
		For 9' Door Height, Add	*36.08*	
08 14 16 00-0124	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	297.65	60.32
		For >50 To 100, Deduct	*-17.90*	
		For >100, Deduct	*-25.34*	
		For 9' Door Height, Add	*37.17*	
08 14 16 00-0125	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	317.12	60.32
		For >50 To 100, Deduct	*-18.87*	
		For >100, Deduct	*-26.80*	
		For 9' Door Height, Add	*41.26*	
08 14 16 00-0126	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	334.70	62.83
		For >50 To 100, Deduct	*-19.88*	
		For >100, Deduct	*-28.24*	
		For 9' Door Height, Add	*43.90*	

08 14 16 00-0127 1-3/4" Thick, Hollow Core (HC), Wood Doors *(08 14 16)*

08 14 16 00-0128 Birch Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0129	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	304.19	55.29
		For >50 To 100, Deduct	*-17.97*	
		For >100, Deduct	*-25.58*	
08 14 16 00-0130	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	304.19	55.29
		For >50 To 100, Deduct	*-17.97*	
		For >100, Deduct	*-25.58*	
08 14 16 00-0131	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	316.52	57.80
		For >50 To 100, Deduct	*-18.72*	
		For >100, Deduct	*-26.63*	
08 14 16 00-0132	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	319.24	57.80
		For >50 To 100, Deduct	*-18.85*	
		For >100, Deduct	*-26.83*	
08 14 16 00-0133	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	325.19	57.80
		For >50 To 100, Deduct	*-19.15*	
		For >100, Deduct	*-27.28*	
08 14 16 00-0134	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	336.17	60.32
		For >50 To 100, Deduct	*-19.82*	
		For >100, Deduct	*-28.23*	
08 14 16 00-0135	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	367.78	60.32
		For >50 To 100, Deduct	*-21.40*	
		For >100, Deduct	*-30.60*	
08 14 16 00-0136	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	436.95	62.83
		For >50 To 100, Deduct	*-24.99*	
		For >100, Deduct	*-35.91*	
08 14 16 00-0137	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	452.51	62.83
		For >50 To 100, Deduct	*-25.77*	
		For >100, Deduct	*-37.08*	
08 14 16 00-0138	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	483.63	62.83
		For >50 To 100, Deduct	*-27.32*	
		For >100, Deduct	*-39.41*	
08 14 16 00-0139	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	315.48	55.29
		For >50 To 100, Deduct	*-18.54*	
		For >100, Deduct	*-26.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0140	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	315.47	55.29
		For >50 To 100, Deduct	*-18.54*	
		For >100, Deduct	*-26.43*	
08 14 16 00-0141	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	328.21	57.80
		For >50 To 100, Deduct	*-19.30*	
		For >100, Deduct	*-27.51*	
08 14 16 00-0142	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	331.09	57.80
		For >50 To 100, Deduct	*-19.44*	
		For >100, Deduct	*-27.72*	
08 14 16 00-0143	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	337.39	57.80
		For >50 To 100, Deduct	*-19.76*	
		For >100, Deduct	*-28.19*	
08 14 16 00-0144	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	348.70	60.32
		For >50 To 100, Deduct	*-20.45*	
		For >100, Deduct	*-29.17*	
08 14 16 00-0145	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	382.16	60.32
		For >50 To 100, Deduct	*-22.12*	
		For >100, Deduct	*-31.68*	
08 14 16 00-0146	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	455.08	62.83
		For >50 To 100, Deduct	*-25.90*	
		For >100, Deduct	*-37.27*	
08 14 16 00-0147	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	471.53	62.83
		For >50 To 100, Deduct	*-26.72*	
		For >100, Deduct	*-38.51*	
08 14 16 00-0148	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	504.48	62.83
		For >50 To 100, Deduct	*-28.37*	
		For >100, Deduct	*-40.98*	
08 14 16 00-0149	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	355.43	55.29
		For >50 To 100, Deduct	*-20.54*	
		For >100, Deduct	*-29.42*	
		For 9' Door Height, Add	*51.42*	
08 14 16 00-0150	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	355.43	55.29
		For >50 To 100, Deduct	*-20.54*	
		For >100, Deduct	*-29.42*	
		For 9' Door Height, Add	*51.42*	
08 14 16 00-0151	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	369.67	57.80
		For >50 To 100, Deduct	*-21.37*	
		For >100, Deduct	*-30.62*	
		For 9' Door Height, Add	*53.35*	
08 14 16 00-0152	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	373.10	57.80
		For >50 To 100, Deduct	*-21.55*	
		For >100, Deduct	*-30.87*	
		For 9' Door Height, Add	*54.07*	
08 14 16 00-0153	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	380.66	57.80
		For >50 To 100, Deduct	*-21.92*	
		For >100, Deduct	*-31.44*	
		For 9' Door Height, Add	*55.66*	
08 14 16 00-0154	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	393.17	60.32
		For >50 To 100, Deduct	*-22.67*	
		For >100, Deduct	*-32.50*	
		For 9' Door Height, Add	*57.23*	
08 14 16 00-0155	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	433.16	60.32
		For >50 To 100, Deduct	*-24.67*	
		For >100, Deduct	*-35.50*	
		For 9' Door Height, Add	*65.63*	
08 14 16 00-0156	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	519.31	62.83
		For >50 To 100, Deduct	*-29.11*	
		For >100, Deduct	*-42.09*	
		For 9' Door Height, Add	*82.67*	
08 14 16 00-0157	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	538.97	62.83
		For >50 To 100, Deduct	*-30.09*	
		For >100, Deduct	*-43.56*	
		For 9' Door Height, Add	*86.80*	
08 14 16 00-0158	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	578.36	62.83
		For >50 To 100, Deduct	*-32.06*	
		For >100, Deduct	*-46.52*	
		For 9' Door Height, Add	*95.07*	

08 14 16 00-0159 Oak Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0160	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	365.36	55.29
		For >50 To 100, Deduct	*-21.03*	
		For >100, Deduct	*-30.17*	
08 14 16 00-0161	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	365.36	55.29
		For >50 To 100, Deduct	*-21.03*	
		For >100, Deduct	*-30.17*	
08 14 16 00-0162	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	379.95	57.80
		For >50 To 100, Deduct	*-21.89*	
		For >100, Deduct	*-31.39*	
08 14 16 00-0163	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	383.54	57.80
		For >50 To 100, Deduct	*-22.07*	
		For >100, Deduct	*-31.66*	
08 14 16 00-0164	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	391.38	57.80
		For >50 To 100, Deduct	*-22.46*	
		For >100, Deduct	*-32.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0165	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	404.22	60.32
		For >50 To 100, Deduct	*-23.23*	
		For >100, Deduct	*-33.33*	
08 14 16 00-0166	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	445.81	60.32
		For >50 To 100, Deduct	*-25.31*	
		For >100, Deduct	*-36.45*	
08 14 16 00-0167	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	535.25	62.83
		For >50 To 100, Deduct	*-29.90*	
		For >100, Deduct	*-43.29*	
08 14 16 00-0168	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	555.75	62.83
		For >50 To 100, Deduct	*-30.93*	
		For >100, Deduct	*-44.82*	
08 14 16 00-0169	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	596.74	62.83
		For >50 To 100, Deduct	*-32.98*	
		For >100, Deduct	*-47.90*	
08 14 16 00-0170	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	380.17	55.29
		For >50 To 100, Deduct	*-21.77*	
		For >100, Deduct	*-31.28*	
08 14 16 00-0171	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	380.18	55.29
		For >50 To 100, Deduct	*-21.77*	
		For >100, Deduct	*-31.28*	
08 14 16 00-0172	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	395.33	57.80
		For >50 To 100, Deduct	*-22.66*	
		For >100, Deduct	*-32.54*	
08 14 16 00-0173	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	399.13	57.80
		For >50 To 100, Deduct	*-22.85*	
		For >100, Deduct	*-32.83*	
08 14 16 00-0174	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	407.43	57.80
		For >50 To 100, Deduct	*-23.26*	
		For >100, Deduct	*-33.45*	
08 14 16 00-0175	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	420.72	60.32
		For >50 To 100, Deduct	*-24.05*	
		For >100, Deduct	*-34.57*	
08 14 16 00-0176	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	464.74	60.32
		For >50 To 100, Deduct	*-26.25*	
		For >100, Deduct	*-37.87*	
08 14 16 00-0177	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	559.10	62.83
		For >50 To 100, Deduct	*-31.10*	
		For >100, Deduct	*-45.07*	
08 14 16 00-0178	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	580.79	62.83
		For >50 To 100, Deduct	*-32.18*	
		For >100, Deduct	*-46.70*	
08 14 16 00-0179	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	624.15	62.83
		For >50 To 100, Deduct	*-34.35*	
		For >100, Deduct	*-49.95*	
08 14 16 00-0180	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	432.73	55.29
		For >50 To 100, Deduct	*-24.40*	
		For >100, Deduct	*-35.22*	
		For 9' Door Height, Add	*67.65*	
08 14 16 00-0181	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	432.76	55.29
		For >50 To 100, Deduct	*-24.40*	
		For >100, Deduct	*-35.22*	
		For 9' Door Height, Add	*67.66*	
08 14 16 00-0182	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	449.89	57.80
		For >50 To 100, Deduct	*-25.38*	
		For >100, Deduct	*-36.63*	
		For 9' Door Height, Add	*70.20*	
08 14 16 00-0183	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	454.40	57.80
		For >50 To 100, Deduct	*-25.61*	
		For >100, Deduct	*-36.97*	
		For 9' Door Height, Add	*71.15*	
08 14 16 00-0184	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	464.33	57.80
		For >50 To 100, Deduct	*-26.11*	
		For >100, Deduct	*-37.72*	
		For 9' Door Height, Add	*73.23*	
08 14 16 00-0185	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	479.24	60.32
		For >50 To 100, Deduct	*-26.98*	
		For >100, Deduct	*-38.96*	
		For 9' Door Height, Add	*75.31*	
08 14 16 00-0186	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	531.86	60.32
		For >50 To 100, Deduct	*-29.61*	
		For >100, Deduct	*-42.91*	
		For 9' Door Height, Add	*86.36*	
08 14 16 00-0187	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	643.62	62.83
		For >50 To 100, Deduct	*-35.32*	
		For >100, Deduct	*-51.41*	
		For 9' Door Height, Add	*108.77*	
08 14 16 00-0188	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	669.55	62.83
		For >50 To 100, Deduct	*-36.62*	
		For >100, Deduct	*-53.36*	
		For 9' Door Height, Add	*114.22*	
08 14 16 00-0189	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	721.37	62.83
		For >50 To 100, Deduct	*-39.21*	
		For >100, Deduct	*-57.24*	
		For 9' Door Height, Add	*125.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0190		Maple Faced Wood Doors *(08 14 16 00-0127)*		
08 14 16 00-0191	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	416.30	55.29
		For >50 To 100, Deduct	*-23.58*	
		For >100, Deduct	*-33.99*	
08 14 16 00-0192	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	416.30	55.29
		For >50 To 100, Deduct	*-23.58*	
		For >100, Deduct	*-33.99*	
08 14 16 00-0193	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	432.82	57.80
		For >50 To 100, Deduct	*-24.53*	
		For >100, Deduct	*-35.35*	
08 14 16 00-0194	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	437.30	57.80
		For >50 To 100, Deduct	*-24.76*	
		For >100, Deduct	*-35.69*	
08 14 16 00-0195	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	446.62	57.80
		For >50 To 100, Deduct	*-25.22*	
		For >100, Deduct	*-36.39*	
08 14 16 00-0196	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	460.93	60.32
		For >50 To 100, Deduct	*-26.06*	
		For >100, Deduct	*-37.59*	
08 14 16 00-0197	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	510.85	60.32
		For >50 To 100, Deduct	*-28.56*	
		For >100, Deduct	*-41.33*	
08 14 16 00-0198	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	592.73	62.83
		For >50 To 100, Deduct	*-32.78*	
		For >100, Deduct	*-47.60*	
08 14 16 00-0199	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	641.76	62.83
		For >50 To 100, Deduct	*-35.23*	
		For >100, Deduct	*-51.27*	
08 14 16 00-0200	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	690.94	62.83
		For >50 To 100, Deduct	*-37.69*	
		For >100, Deduct	*-54.96*	
08 14 16 00-0201	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	434.11	55.29
		For >50 To 100, Deduct	*-24.47*	
		For >100, Deduct	*-35.32*	
08 14 16 00-0202	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	434.11	55.29
		For >50 To 100, Deduct	*-24.47*	
		For >100, Deduct	*-35.32*	
08 14 16 00-0203	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	451.26	57.80
		For >50 To 100, Deduct	*-25.45*	
		For >100, Deduct	*-36.73*	
08 14 16 00-0204	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	456.04	57.80
		For >50 To 100, Deduct	*-25.69*	
		For >100, Deduct	*-37.09*	
08 14 16 00-0205	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	465.87	57.80
		For >50 To 100, Deduct	*-26.18*	
		For >100, Deduct	*-37.83*	
08 14 16 00-0206	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	480.72	60.32
		For >50 To 100, Deduct	*-27.05*	
		For >100, Deduct	*-39.07*	
08 14 16 00-0207	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	533.55	60.32
		For >50 To 100, Deduct	*-29.69*	
		For >100, Deduct	*-43.03*	
08 14 16 00-0208	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	619.79	62.83
		For >50 To 100, Deduct	*-34.13*	
		For >100, Deduct	*-49.63*	
08 14 16 00-0209	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	671.83	62.83
		For >50 To 100, Deduct	*-36.73*	
		For >100, Deduct	*-53.53*	
08 14 16 00-0210	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	723.83	62.83
		For >50 To 100, Deduct	*-39.33*	
		For >100, Deduct	*-57.43*	
08 14 16 00-0211	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	497.19	55.29
		For >50 To 100, Deduct	*-27.62*	
		For >100, Deduct	*-40.05*	
		For 9' Door Height, Add	*81.19*	
08 14 16 00-0212	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	497.19	55.29
		For >50 To 100, Deduct	*-27.62*	
		For >100, Deduct	*-40.05*	
		For 9' Door Height, Add	*81.19*	
08 14 16 00-0213	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	516.72	57.80
		For >50 To 100, Deduct	*-28.73*	
		For >100, Deduct	*-41.64*	
		For 9' Door Height, Add	*84.23*	
08 14 16 00-0214	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	522.42	57.80
		For >50 To 100, Deduct	*-29.01*	
		For >100, Deduct	*-42.07*	
		For 9' Door Height, Add	*85.43*	
08 14 16 00-0215	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	534.14	57.80
		For >50 To 100, Deduct	*-29.60*	
		For >100, Deduct	*-42.95*	
		For 9' Door Height, Add	*87.89*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0216	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	550.94	60.32
		For >50 To 100, Deduct	*-30.56*	
		For >100, Deduct	*-44.34*	
		For 9' Door Height, Add	*90.37*	
08 14 16 00-0217	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	614.06	60.32
		For >50 To 100, Deduct	*-33.72*	
		For >100, Deduct	*-49.07*	
		For 9' Door Height, Add	*103.62*	
08 14 16 00-0218	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	716.18	62.83
		For >50 To 100, Deduct	*-38.95*	
		For >100, Deduct	*-56.86*	
		For 9' Door Height, Add	*124.01*	
08 14 16 00-0219	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	778.33	62.83
		For >50 To 100, Deduct	*-42.06*	
		For >100, Deduct	*-61.52*	
		For 9' Door Height, Add	*137.06*	
08 14 16 00-0220	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	840.52	62.83
		For >50 To 100, Deduct	*-45.17*	
		For >100, Deduct	*-66.18*	
		For 9' Door Height, Add	*150.12*	
08 14 16 00-0221		**Walnut Faced Wood Doors** *(08 14 16 00-0127)*		
08 14 16 00-0222	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	455.72	55.29
		For >50 To 100, Deduct	*-25.55*	
		For >100, Deduct	*-36.94*	
08 14 16 00-0223	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	455.72	55.29
		For >50 To 100, Deduct	*-25.55*	
		For >100, Deduct	*-36.94*	
08 14 16 00-0224	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	463.14	57.80
		For >50 To 100, Deduct	*-26.05*	
		For >100, Deduct	*-37.63*	
08 14 16 00-0225	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	478.45	57.80
		For >50 To 100, Deduct	*-26.81*	
		For >100, Deduct	*-38.77*	
08 14 16 00-0226	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	480.79	57.80
		For >50 To 100, Deduct	*-26.93*	
		For >100, Deduct	*-38.95*	
08 14 16 00-0227	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	488.15	60.32
		For >50 To 100, Deduct	*-27.42*	
		For >100, Deduct	*-39.63*	
08 14 16 00-0228	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	529.17	60.32
		For >50 To 100, Deduct	*-29.47*	
		For >100, Deduct	*-42.70*	
08 14 16 00-0229	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	640.09	62.83
		For >50 To 100, Deduct	*-35.15*	
		For >100, Deduct	*-51.15*	
08 14 16 00-0230	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	665.81	62.83
		For >50 To 100, Deduct	*-36.43*	
		For >100, Deduct	*-53.08*	
08 14 16 00-0231	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	717.30	62.83
		For >50 To 100, Deduct	*-39.01*	
		For >100, Deduct	*-56.94*	
08 14 16 00-0232	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	475.80	55.29
		For >50 To 100, Deduct	*-26.55*	
		For >100, Deduct	*-38.45*	
08 14 16 00-0233	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	475.80	55.29
		For >50 To 100, Deduct	*-26.55*	
		For >100, Deduct	*-38.45*	
08 14 16 00-0234	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	483.38	57.80
		For >50 To 100, Deduct	*-27.06*	
		For >100, Deduct	*-39.14*	
08 14 16 00-0235	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	499.55	57.80
		For >50 To 100, Deduct	*-27.87*	
		For >100, Deduct	*-40.36*	
08 14 16 00-0236	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	502.05	57.80
		For >50 To 100, Deduct	*-27.99*	
		For >100, Deduct	*-40.54*	
08 14 16 00-0237	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	509.54	60.32
		For >50 To 100, Deduct	*-28.49*	
		For >100, Deduct	*-41.23*	
08 14 16 00-0238	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	552.93	60.32
		For >50 To 100, Deduct	*-30.66*	
		For >100, Deduct	*-44.49*	
08 14 16 00-0239	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	670.03	62.83
		For >50 To 100, Deduct	*-36.64*	
		For >100, Deduct	*-53.39*	
08 14 16 00-0240	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	697.25	62.83
		For >50 To 100, Deduct	*-38.00*	
		For >100, Deduct	*-55.44*	
08 14 16 00-0241	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	751.72	62.83
		For >50 To 100, Deduct	*-40.73*	
		For >100, Deduct	*-59.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0242	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	547.02	55.29
		For >50 To 100, Deduct	*-30.12*	
		For >100, Deduct	*-43.79*	
		For 9' Door Height, Add	*91.65*	
08 14 16 00-0243	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	547.02	55.29
		For >50 To 100, Deduct	*-30.12*	
		For >100, Deduct	*-43.79*	
		For 9' Door Height, Add	*91.65*	
08 14 16 00-0244	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	555.11	57.80
		For >50 To 100, Deduct	*-30.65*	
		For >100, Deduct	*-44.52*	
		For 9' Door Height, Add	*92.30*	
08 14 16 00-0245	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	574.42	57.80
		For >50 To 100, Deduct	*-31.61*	
		For >100, Deduct	*-45.97*	
		For 9' Door Height, Add	*96.35*	
08 14 16 00-0246	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	577.40	57.80
		For >50 To 100, Deduct	*-31.76*	
		For >100, Deduct	*-46.20*	
		For 9' Door Height, Add	*96.98*	
08 14 16 00-0247	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	585.37	60.32
		For >50 To 100, Deduct	*-32.28*	
		For >100, Deduct	*-46.92*	
		For 9' Door Height, Add	*97.60*	
08 14 16 00-0248	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	637.24	60.32
		For >50 To 100, Deduct	*-34.88*	
		For >100, Deduct	*-50.81*	
		For 9' Door Height, Add	*108.49*	
08 14 16 00-0249	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	776.19	62.83
		For >50 To 100, Deduct	*-41.95*	
		For >100, Deduct	*-61.36*	
		For 9' Door Height, Add	*136.61*	
08 14 16 00-0250	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	808.72	62.83
		For >50 To 100, Deduct	*-43.58*	
		For >100, Deduct	*-63.80*	
		For 9' Door Height, Add	*143.44*	
08 14 16 00-0251	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	873.79	62.83
		For >50 To 100, Deduct	*-46.83*	
		For >100, Deduct	*-68.68*	
		For 9' Door Height, Add	*157.11*	
08 14 16 00-0252		Lauan Faced Wood Doors *(08 14 16 00-0127)*		
08 14 16 00-0253	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	257.73	55.29
		For >50 To 100, Deduct	*-15.65*	
		For >100, Deduct	*-22.09*	
08 14 16 00-0254	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	257.73	55.29
		For >50 To 100, Deduct	*-15.65*	
		For >100, Deduct	*-22.09*	
08 14 16 00-0255	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	272.87	57.80
		For >50 To 100, Deduct	*-16.53*	
		For >100, Deduct	*-23.36*	
08 14 16 00-0256	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	281.10	57.80
		For >50 To 100, Deduct	*-16.95*	
		For >100, Deduct	*-23.97*	
08 14 16 00-0257	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	282.73	57.80
		For >50 To 100, Deduct	*-17.03*	
		For >100, Deduct	*-24.10*	
08 14 16 00-0258	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	289.39	60.32
		For >50 To 100, Deduct	*-17.49*	
		For >100, Deduct	*-24.72*	
08 14 16 00-0259	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	307.93	60.32
		For >50 To 100, Deduct	*-18.41*	
		For >100, Deduct	*-26.11*	
08 14 16 00-0260	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	336.88	62.83
		For >50 To 100, Deduct	*-19.99*	
		For >100, Deduct	*-28.41*	
08 14 16 00-0261	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	347.41	62.83
		For >50 To 100, Deduct	*-20.51*	
		For >100, Deduct	*-29.20*	
08 14 16 00-0262	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	368.55	62.83
		For >50 To 100, Deduct	*-21.57*	
		For >100, Deduct	*-30.78*	
08 14 16 00-0263	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	266.28	55.29
		For >50 To 100, Deduct	*-16.08*	
		For >100, Deduct	*-22.74*	
08 14 16 00-0264	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	266.28	55.29
		For >50 To 100, Deduct	*-16.08*	
		For >100, Deduct	*-22.74*	
08 14 16 00-0265	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	282.03	57.80
		For >50 To 100, Deduct	*-16.99*	
		For >100, Deduct	*-24.04*	
08 14 16 00-0266	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	290.74	57.80
		For >50 To 100, Deduct	*-17.43*	
		For >100, Deduct	*-24.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0267	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	292.47	57.80
		For >50 To 100, Deduct	*-17.51*	
		For >100, Deduct	*-24.83*	
08 14 16 00-0268	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	299.20	60.32
		For >50 To 100, Deduct	*-17.98*	
		For >100, Deduct	*-25.46*	
08 14 16 00-0269	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	318.84	60.32
		For >50 To 100, Deduct	*-18.96*	
		For >100, Deduct	*-26.93*	
08 14 16 00-0270	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	349.15	62.83
		For >50 To 100, Deduct	*-20.60*	
		For >100, Deduct	*-29.33*	
08 14 16 00-0271	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	360.32	62.83
		For >50 To 100, Deduct	*-21.16*	
		For >100, Deduct	*-30.17*	
08 14 16 00-0272	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	382.67	62.83
		For >50 To 100, Deduct	*-22.28*	
		For >100, Deduct	*-31.84*	
08 14 16 00-0273	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	296.64	55.29
		For >50 To 100, Deduct	*-17.60*	
		For >100, Deduct	*-25.01*	
		For 9' Door Height, Add	*39.07*	
08 14 16 00-0274	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	296.64	55.29
		For >50 To 100, Deduct	*-17.60*	
		For >100, Deduct	*-25.01*	
		For 9' Door Height, Add	*39.07*	
08 14 16 00-0275	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	314.47	57.80
		For >50 To 100, Deduct	*-18.61*	
		For >100, Deduct	*-26.48*	
		For 9' Door Height, Add	*41.76*	
08 14 16 00-0276	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	324.87	57.80
		For >50 To 100, Deduct	*-19.13*	
		For >100, Deduct	*-27.26*	
		For 9' Door Height, Add	*43.94*	
08 14 16 00-0277	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	326.96	57.80
		For >50 To 100, Deduct	*-19.24*	
		For >100, Deduct	*-27.41*	
		For 9' Door Height, Add	*44.38*	
08 14 16 00-0278	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	334.02	60.32
		For >50 To 100, Deduct	*-19.72*	
		For >100, Deduct	*-28.07*	
		For 9' Door Height, Add	*44.81*	
08 14 16 00-0279	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	357.50	60.32
		For >50 To 100, Deduct	*-20.89*	
		For >100, Deduct	*-29.83*	
		For 9' Door Height, Add	*49.74*	
08 14 16 00-0280	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	392.72	62.83
		For >50 To 100, Deduct	*-22.78*	
		For >100, Deduct	*-32.60*	
		For 9' Door Height, Add	*56.08*	
08 14 16 00-0281	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	406.08	62.83
		For >50 To 100, Deduct	*-23.45*	
		For >100, Deduct	*-33.60*	
		For 9' Door Height, Add	*58.89*	
08 14 16 00-0282	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	432.78	62.83
		For >50 To 100, Deduct	*-24.78*	
		For >100, Deduct	*-35.60*	
		For 9' Door Height, Add	*64.50*	

08 14 16 00-0283 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0284	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	258.79	55.29
		For >50 To 100, Deduct	*-15.70*	
		For >100, Deduct	*-22.17*	
08 14 16 00-0285	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	258.82	55.29
		For >50 To 100, Deduct	*-15.71*	
		For >100, Deduct	*-22.18*	
08 14 16 00-0286	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	267.94	57.80
		For >50 To 100, Deduct	*-16.29*	
		For >100, Deduct	*-22.99*	
08 14 16 00-0287	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	276.20	57.80
		For >50 To 100, Deduct	*-16.70*	
		For >100, Deduct	*-23.61*	
08 14 16 00-0288	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	280.33	57.80
		For >50 To 100, Deduct	*-16.91*	
		For >100, Deduct	*-23.92*	
08 14 16 00-0289	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	289.42	60.32
		For >50 To 100, Deduct	*-17.49*	
		For >100, Deduct	*-24.72*	
08 14 16 00-0290	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	298.83	60.32
		For >50 To 100, Deduct	*-17.96*	
		For >100, Deduct	*-25.43*	
08 14 16 00-0291	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	334.48	62.83
		For >50 To 100, Deduct	*-19.87*	
		For >100, Deduct	*-28.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0292	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	344.91	62.83
		For >50 To 100, Deduct	*-20.39*	
		For >100, Deduct	*-29.01*	
08 14 16 00-0293	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	365.82	62.83
		For >50 To 100, Deduct	*-21.43*	
		For >100, Deduct	*-30.58*	
08 14 16 00-0294	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	267.43	55.29
		For >50 To 100, Deduct	*-16.14*	
		For >100, Deduct	*-22.82*	
08 14 16 00-0295	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	267.43	55.29
		For >50 To 100, Deduct	*-16.14*	
		For >100, Deduct	*-22.82*	
08 14 16 00-0296	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	276.79	57.80
		For >50 To 100, Deduct	*-16.73*	
		For >100, Deduct	*-23.65*	
08 14 16 00-0297	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	285.54	57.80
		For >50 To 100, Deduct	*-17.17*	
		For >100, Deduct	*-24.31*	
08 14 16 00-0298	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	289.91	57.80
		For >50 To 100, Deduct	*-17.39*	
		For >100, Deduct	*-24.63*	
08 14 16 00-0299	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	299.25	60.32
		For >50 To 100, Deduct	*-17.98*	
		For >100, Deduct	*-25.46*	
08 14 16 00-0300	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	309.21	60.32
		For >50 To 100, Deduct	*-18.48*	
		For >100, Deduct	*-26.21*	
08 14 16 00-0301	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	346.64	62.83
		For >50 To 100, Deduct	*-20.47*	
		For >100, Deduct	*-29.14*	
08 14 16 00-0302	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	357.69	62.83
		For >50 To 100, Deduct	*-21.03*	
		For >100, Deduct	*-29.97*	
08 14 16 00-0303	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	379.79	62.83
		For >50 To 100, Deduct	*-22.13*	
		For >100, Deduct	*-31.63*	
08 14 16 00-0304	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	298.01	55.29
		For >50 To 100, Deduct	*-17.67*	
		For >100, Deduct	*-25.12*	
		For 9' Door Height, Add	*39.36*	
08 14 16 00-0305	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	298.01	55.29
		For >50 To 100, Deduct	*-17.67*	
		For >100, Deduct	*-25.12*	
		For 9' Door Height, Add	*39.36*	
08 14 16 00-0306	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	308.22	57.80
		For >50 To 100, Deduct	*-18.30*	
		For >100, Deduct	*-26.01*	
		For 9' Door Height, Add	*40.45*	
08 14 16 00-0307	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	318.66	57.80
		For >50 To 100, Deduct	*-18.82*	
		For >100, Deduct	*-26.79*	
		For 9' Door Height, Add	*42.64*	
08 14 16 00-0308	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	323.88	57.80
		For >50 To 100, Deduct	*-19.08*	
		For >100, Deduct	*-27.18*	
		For 9' Door Height, Add	*43.74*	
08 14 16 00-0309	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	334.09	60.32
		For >50 To 100, Deduct	*-19.72*	
		For >100, Deduct	*-28.07*	
		For 9' Door Height, Add	*44.83*	
08 14 16 00-0310	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	346.00	60.32
		For >50 To 100, Deduct	*-20.32*	
		For >100, Deduct	*-28.97*	
		For 9' Door Height, Add	*47.33*	
08 14 16 00-0311	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	389.75	62.83
		For >50 To 100, Deduct	*-22.63*	
		For >100, Deduct	*-32.37*	
		For 9' Door Height, Add	*55.46*	
08 14 16 00-0312	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	402.94	62.83
		For >50 To 100, Deduct	*-23.29*	
		For >100, Deduct	*-33.36*	
		For 9' Door Height, Add	*58.23*	
08 14 16 00-0313	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	429.36	62.83
		For >50 To 100, Deduct	*-24.61*	
		For >100, Deduct	*-35.34*	
		For 9' Door Height, Add	*63.78*	

08 14 16 00-0314 1-3/8" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0315 Birch Faced Wood Doors *(08 14 16 00-0314)*

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0316	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	307.81	55.29
		For 7 Ply Cold Press Construction, Deduct	*-3.94*	
		For Stave Lumber Core (SLC), Add	*147.92*	
		For Structural Composite Lumber Core (SCLC), Add	*88.75*	
		For >50 To 100, Deduct	*-18.16*	
		For >100, Deduct	*-25.85*	
08 14 16 00-0317	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	307.85	55.29
		For 7 Ply Cold Press Construction, Deduct	*-3.95*	
		For Stave Lumber Core (SLC), Add	*147.95*	
		For Structural Composite Lumber Core (SCLC), Add	*88.77*	
		For >50 To 100, Deduct	*-18.16*	
		For >100, Deduct	*-25.85*	
08 14 16 00-0318	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	323.21	57.80
		For 7 Ply Cold Press Construction, Deduct	*-4.15*	
		For Stave Lumber Core (SLC), Add	*155.70*	
		For Structural Composite Lumber Core (SCLC), Add	*93.42*	
		For >50 To 100, Deduct	*-19.05*	
		For >100, Deduct	*-27.13*	
08 14 16 00-0319	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	333.55	57.80
		For 7 Ply Cold Press Construction, Deduct	*-4.36*	
		For Stave Lumber Core (SLC), Add	*163.46*	
		For Structural Composite Lumber Core (SCLC), Add	*98.07*	
		For >50 To 100, Deduct	*-19.57*	
		For >100, Deduct	*-27.91*	
08 14 16 00-0320	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	339.86	57.80
		For 7 Ply Cold Press Construction, Deduct	*-4.49*	
		For Stave Lumber Core (SLC), Add	*168.19*	
		For Structural Composite Lumber Core (SCLC), Add	*100.91*	
		For >50 To 100, Deduct	*-19.88*	
		For >100, Deduct	*-28.38*	
08 14 16 00-0321	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	351.22	60.32
		For 7 Ply Cold Press Construction, Deduct	*-4.61*	
		For Stave Lumber Core (SLC), Add	*172.94*	
		For Structural Composite Lumber Core (SCLC), Add	*103.77*	
		For >50 To 100, Deduct	*-20.58*	
		For >100, Deduct	*-29.36*	
08 14 16 00-0322	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	376.52	60.32
		For 7 Ply Cold Press Construction, Deduct	*-5.12*	
		For Stave Lumber Core (SLC), Add	*191.92*	
		For Structural Composite Lumber Core (SCLC), Add	*115.15*	
		For >50 To 100, Deduct	*-21.84*	
		For >100, Deduct	*-31.25*	
08 14 16 00-0323	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	397.91	62.83
		For 7 Ply Cold Press Construction, Deduct	*-5.45*	
		For Stave Lumber Core (SLC), Add	*204.19*	
		For Structural Composite Lumber Core (SCLC), Add	*122.51*	
		For >50 To 100, Deduct	*-23.04*	
		For >100, Deduct	*-32.98*	
08 14 16 00-0324	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	319.30	55.29
		For 7 Ply Cold Press Construction, Deduct	*-4.17*	
		For Stave Lumber Core (SLC), Add	*156.53*	
		For Structural Composite Lumber Core (SCLC), Add	*93.92*	
		For >50 To 100, Deduct	*-18.73*	
		For >100, Deduct	*-26.71*	
08 14 16 00-0325	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	319.31	55.29
		For 7 Ply Cold Press Construction, Deduct	*-4.17*	
		For Stave Lumber Core (SLC), Add	*156.54*	
		For Structural Composite Lumber Core (SCLC), Add	*93.92*	
		For >50 To 100, Deduct	*-18.73*	
		For >100, Deduct	*-26.71*	
08 14 16 00-0326	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	335.29	57.80
		For 7 Ply Cold Press Construction, Deduct	*-4.39*	
		For Stave Lumber Core (SLC), Add	*164.76*	
		For Structural Composite Lumber Core (SCLC), Add	*98.86*	
		For >50 To 100, Deduct	*-19.65*	
		For >100, Deduct	*-28.04*	
08 14 16 00-0327	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	346.25	57.80
		For 7 Ply Cold Press Construction, Deduct	*-4.61*	
		For Stave Lumber Core (SLC), Add	*172.98*	
		For Structural Composite Lumber Core (SCLC), Add	*103.79*	
		For >50 To 100, Deduct	*-20.20*	
		For >100, Deduct	*-28.86*	
08 14 16 00-0328	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	352.93	57.80
		For 7 Ply Cold Press Construction, Deduct	*-4.75*	
		For Stave Lumber Core (SLC), Add	*177.99*	
		For Structural Composite Lumber Core (SCLC), Add	*106.79*	
		For >50 To 100, Deduct	*-20.54*	
		For >100, Deduct	*-29.36*	
08 14 16 00-0329	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	364.64	60.32
		For 7 Ply Cold Press Construction, Deduct	*-4.88*	
		For Stave Lumber Core (SLC), Add	*183.01*	
		For Structural Composite Lumber Core (SCLC), Add	*109.80*	
		For >50 To 100, Deduct	*-21.25*	
		For >100, Deduct	*-30.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0330	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	391.41	60.32
		For 7 Ply Cold Press Construction, Deduct	*-5.42*	
		For Stave Lumber Core (SLC), Add	*203.09*	
		For Structural Composite Lumber Core (SCLC), Add	*121.85*	
		For >50 To 100, Deduct	*-22.59*	
		For >100, Deduct	*-32.37*	
08 14 16 00-0331	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	413.76	62.83
		For 7 Ply Cold Press Construction, Deduct	*-5.76*	
		For Stave Lumber Core (SLC), Add	*216.08*	
		For Structural Composite Lumber Core (SCLC), Add	*129.65*	
		For >50 To 100, Deduct	*-23.83*	
		For >100, Deduct	*-34.17*	
08 14 16 00-0332	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	360.01	55.29
		For 7 Ply Cold Press Construction, Deduct	*-4.99*	
		For Stave Lumber Core (SLC), Add	*187.07*	
		For Structural Composite Lumber Core (SCLC), Add	*112.24*	
		For >50 To 100, Deduct	*-20.77*	
		For >100, Deduct	*-29.77*	
		For 9' Door Height, Add	*52.38*	
08 14 16 00-0333	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	360.01	55.29
		For 7 Ply Cold Press Construction, Deduct	*-4.99*	
		For Stave Lumber Core (SLC), Add	*187.07*	
		For Structural Composite Lumber Core (SCLC), Add	*112.24*	
		For >50 To 100, Deduct	*-20.77*	
		For >100, Deduct	*-29.77*	
		For 9' Door Height, Add	*52.38*	
08 14 16 00-0334	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	378.13	57.80
		For 7 Ply Cold Press Construction, Deduct	*-5.25*	
		For Stave Lumber Core (SLC), Add	*196.89*	
		For Structural Composite Lumber Core (SCLC), Add	*118.13*	
		For >50 To 100, Deduct	*-21.80*	
		For >100, Deduct	*-31.25*	
		For 9' Door Height, Add	*55.13*	
08 14 16 00-0335	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	391.22	57.80
		For 7 Ply Cold Press Construction, Deduct	*-5.51*	
		For Stave Lumber Core (SLC), Add	*206.71*	
		For Structural Composite Lumber Core (SCLC), Add	*124.02*	
		For >50 To 100, Deduct	*-22.45*	
		For >100, Deduct	*-32.23*	
		For 9' Door Height, Add	*57.88*	
08 14 16 00-0336	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	399.20	57.80
		For 7 Ply Cold Press Construction, Deduct	*-5.67*	
		For Stave Lumber Core (SLC), Add	*212.69*	
		For Structural Composite Lumber Core (SCLC), Add	*127.62*	
		For >50 To 100, Deduct	*-22.85*	
		For >100, Deduct	*-32.83*	
		For 9' Door Height, Add	*59.55*	
08 14 16 00-0337	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	412.22	60.32
		For 7 Ply Cold Press Construction, Deduct	*-5.83*	
		For Stave Lumber Core (SLC), Add	*218.69*	
		For Structural Composite Lumber Core (SCLC), Add	*131.22*	
		For >50 To 100, Deduct	*-23.63*	
		For >100, Deduct	*-33.93*	
		For 9' Door Height, Add	*61.23*	
08 14 16 00-0338	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	444.21	60.32
		For 7 Ply Cold Press Construction, Deduct	*-6.47*	
		For Stave Lumber Core (SLC), Add	*242.69*	
		For Structural Composite Lumber Core (SCLC), Add	*145.61*	
		For >50 To 100, Deduct	*-25.23*	
		For >100, Deduct	*-36.33*	
		For 9' Door Height, Add	*67.95*	
08 14 16 00-0339	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	469.93	62.83
		For 7 Ply Cold Press Construction, Deduct	*-6.89*	
		For Stave Lumber Core (SLC), Add	*258.20*	
		For Structural Composite Lumber Core (SCLC), Add	*154.92*	
		For >50 To 100, Deduct	*-26.64*	
		For >100, Deduct	*-38.39*	
		For 9' Door Height, Add	*72.30*	
08 14 16 00-0340		**Oak Faced Wood Doors** *(08 14 16 00-0314)*		
08 14 16 00-0341	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	353.96	55.29
		For 7 Ply Cold Press Construction, Deduct	*-4.87*	
		For Stave Lumber Core (SLC), Add	*182.53*	
		For Structural Composite Lumber Core (SCLC), Add	*109.52*	
		For >50 To 100, Deduct	*-20.46*	
		For >100, Deduct	*-29.31*	
08 14 16 00-0342	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	353.96	55.29
		For 7 Ply Cold Press Construction, Deduct	*-4.87*	
		For Stave Lumber Core (SLC), Add	*182.53*	
		For Structural Composite Lumber Core (SCLC), Add	*109.52*	
		For >50 To 100, Deduct	*-20.46*	
		For >100, Deduct	*-29.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0343	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	371.79	57.80
		For 7 Ply Cold Press Construction, Deduct	*-5.12*	
		For Stave Lumber Core (SLC), Add	*192.14*	
		For Structural Composite Lumber Core (SCLC), Add	*115.28*	
		For >50 To 100, Deduct	*-21.48*	
		For >100, Deduct	*-30.77*	
08 14 16 00-0344	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	384.56	57.80
		For 7 Ply Cold Press Construction, Deduct	*-5.38*	
		For Stave Lumber Core (SLC), Add	*201.71*	
		For Structural Composite Lumber Core (SCLC), Add	*121.03*	
		For >50 To 100, Deduct	*-22.12*	
		For >100, Deduct	*-31.73*	
08 14 16 00-0345	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	392.34	57.80
		For 7 Ply Cold Press Construction, Deduct	*-5.53*	
		For Stave Lumber Core (SLC), Add	*207.55*	
		For Structural Composite Lumber Core (SCLC), Add	*124.53*	
		For >50 To 100, Deduct	*-22.51*	
		For >100, Deduct	*-32.32*	
08 14 16 00-0346	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	405.18	60.32
		For 7 Ply Cold Press Construction, Deduct	*-5.69*	
		For Stave Lumber Core (SLC), Add	*213.41*	
		For Structural Composite Lumber Core (SCLC), Add	*128.05*	
		For >50 To 100, Deduct	*-23.27*	
		For >100, Deduct	*-33.40*	
08 14 16 00-0347	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	436.40	60.32
		For 7 Ply Cold Press Construction, Deduct	*-6.32*	
		For Stave Lumber Core (SLC), Add	*236.83*	
		For Structural Composite Lumber Core (SCLC), Add	*142.10*	
		For >50 To 100, Deduct	*-24.84*	
		For >100, Deduct	*-35.75*	
08 14 16 00-0348	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	461.60	62.83
		For 7 Ply Cold Press Construction, Deduct	*-6.72*	
		For Stave Lumber Core (SLC), Add	*251.96*	
		For Structural Composite Lumber Core (SCLC), Add	*151.17*	
		For >50 To 100, Deduct	*-26.22*	
		For >100, Deduct	*-37.76*	
08 14 16 00-0349	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	368.11	55.29
		For 7 Ply Cold Press Construction, Deduct	*-5.15*	
		For Stave Lumber Core (SLC), Add	*193.14*	
		For Structural Composite Lumber Core (SCLC), Add	*115.88*	
		For >50 To 100, Deduct	*-21.17*	
		For >100, Deduct	*-30.37*	
08 14 16 00-0350	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	368.11	55.29
		For 7 Ply Cold Press Construction, Deduct	*-5.15*	
		For Stave Lumber Core (SLC), Add	*193.14*	
		For Structural Composite Lumber Core (SCLC), Add	*115.88*	
		For >50 To 100, Deduct	*-21.17*	
		For >100, Deduct	*-30.37*	
08 14 16 00-0351	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	386.71	57.80
		For 7 Ply Cold Press Construction, Deduct	*-5.42*	
		For Stave Lumber Core (SLC), Add	*203.33*	
		For Structural Composite Lumber Core (SCLC), Add	*122.00*	
		For >50 To 100, Deduct	*-22.23*	
		For >100, Deduct	*-31.89*	
08 14 16 00-0352	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	400.22	57.80
		For 7 Ply Cold Press Construction, Deduct	*-5.69*	
		For Stave Lumber Core (SLC), Add	*213.46*	
		For Structural Composite Lumber Core (SCLC), Add	*128.07*	
		For >50 To 100, Deduct	*-22.90*	
		For >100, Deduct	*-32.91*	
08 14 16 00-0353	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	408.45	57.80
		For 7 Ply Cold Press Construction, Deduct	*-5.86*	
		For Stave Lumber Core (SLC), Add	*219.63*	
		For Structural Composite Lumber Core (SCLC), Add	*131.78*	
		For >50 To 100, Deduct	*-23.31*	
		For >100, Deduct	*-33.52*	
08 14 16 00-0354	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	421.73	60.32
		For 7 Ply Cold Press Construction, Deduct	*-6.02*	
		For Stave Lumber Core (SLC), Add	*225.83*	
		For Structural Composite Lumber Core (SCLC), Add	*135.50*	
		For >50 To 100, Deduct	*-24.10*	
		For >100, Deduct	*-34.65*	
08 14 16 00-0355	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	454.78	60.32
		For 7 Ply Cold Press Construction, Deduct	*-6.68*	
		For Stave Lumber Core (SLC), Add	*250.61*	
		For Structural Composite Lumber Core (SCLC), Add	*150.37*	
		For >50 To 100, Deduct	*-25.75*	
		For >100, Deduct	*-37.12*	
08 14 16 00-0356	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	481.17	62.83
		For 7 Ply Cold Press Construction, Deduct	*-7.11*	
		For Stave Lumber Core (SLC), Add	*266.63*	
		For Structural Composite Lumber Core (SCLC), Add	*159.98*	
		For >50 To 100, Deduct	*-27.20*	
		For >100, Deduct	*-39.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0357	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	418.32	55.29
		For 7 Ply Cold Press Construction, Deduct	*-6.15*	
		For Stave Lumber Core (SLC), Add	*230.80*	
		For Structural Composite Lumber Core (SCLC), Add	*138.48*	
		For >50 To 100, Deduct	*-23.68*	
		For >100, Deduct	*-34.14*	
		For 9' Door Height, Add	*64.62*	
08 14 16 00-0358	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	418.32	55.29
		For 7 Ply Cold Press Construction, Deduct	*-6.15*	
		For Stave Lumber Core (SLC), Add	*230.80*	
		For Structural Composite Lumber Core (SCLC), Add	*138.48*	
		For >50 To 100, Deduct	*-23.68*	
		For >100, Deduct	*-34.14*	
		For 9' Door Height, Add	*64.62*	
08 14 16 00-0359	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	439.58	57.80
		For 7 Ply Cold Press Construction, Deduct	*-6.48*	
		For Stave Lumber Core (SLC), Add	*242.98*	
		For Structural Composite Lumber Core (SCLC), Add	*145.79*	
		For >50 To 100, Deduct	*-24.87*	
		For >100, Deduct	*-35.86*	
		For 9' Door Height, Add	*68.03*	
08 14 16 00-0360	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	455.72	57.80
		For 7 Ply Cold Press Construction, Deduct	*-6.80*	
		For Stave Lumber Core (SLC), Add	*255.08*	
		For Structural Composite Lumber Core (SCLC), Add	*153.05*	
		For >50 To 100, Deduct	*-25.68*	
		For >100, Deduct	*-37.07*	
		For 9' Door Height, Add	*71.42*	
08 14 16 00-0361	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	465.55	57.80
		For 7 Ply Cold Press Construction, Deduct	*-7.00*	
		For Stave Lumber Core (SLC), Add	*262.46*	
		For Structural Composite Lumber Core (SCLC), Add	*157.47*	
		For >50 To 100, Deduct	*-26.17*	
		For >100, Deduct	*-37.81*	
		For 9' Door Height, Add	*73.49*	
08 14 16 00-0362	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	480.46	60.32
		For 7 Ply Cold Press Construction, Deduct	*-7.20*	
		For Stave Lumber Core (SLC), Add	*269.87*	
		For Structural Composite Lumber Core (SCLC), Add	*161.92*	
		For >50 To 100, Deduct	*-27.04*	
		For >100, Deduct	*-39.05*	
		For 9' Door Height, Add	*75.56*	
08 14 16 00-0363	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	519.94	60.32
		For 7 Ply Cold Press Construction, Deduct	*-7.99*	
		For Stave Lumber Core (SLC), Add	*299.48*	
		For Structural Composite Lumber Core (SCLC), Add	*179.69*	
		For >50 To 100, Deduct	*-29.01*	
		For >100, Deduct	*-42.01*	
		For 9' Door Height, Add	*83.86*	
08 14 16 00-0364	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	550.50	62.83
		For 7 Ply Cold Press Construction, Deduct	*-8.50*	
		For Stave Lumber Core (SLC), Add	*318.63*	
		For Structural Composite Lumber Core (SCLC), Add	*191.18*	
		For >50 To 100, Deduct	*-30.67*	
		For >100, Deduct	*-44.43*	
		For 9' Door Height, Add	*89.22*	

08 14 16 00-0365 Maple Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0366	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	402.63	55.29
		For 7 Ply Cold Press Construction, Deduct	*-5.84*	
		For Stave Lumber Core (SLC), Add	*219.03*	
		For Structural Composite Lumber Core (SCLC), Add	*131.42*	
		For >50 To 100, Deduct	*-22.90*	
		For >100, Deduct	*-32.96*	
08 14 16 00-0367	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	402.63	55.29
		For 7 Ply Cold Press Construction, Deduct	*-5.84*	
		For Stave Lumber Core (SLC), Add	*219.03*	
		For Structural Composite Lumber Core (SCLC), Add	*131.42*	
		For >50 To 100, Deduct	*-22.90*	
		For >100, Deduct	*-32.96*	
08 14 16 00-0368	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	423.02	57.80
		For 7 Ply Cold Press Construction, Deduct	*-6.15*	
		For Stave Lumber Core (SLC), Add	*230.56*	
		For Structural Composite Lumber Core (SCLC), Add	*138.33*	
		For >50 To 100, Deduct	*-24.04*	
		For >100, Deduct	*-34.62*	
08 14 16 00-0369	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	438.36	57.80
		For 7 Ply Cold Press Construction, Deduct	*-6.46*	
		For Stave Lumber Core (SLC), Add	*242.06*	
		For Structural Composite Lumber Core (SCLC), Add	*145.24*	
		For >50 To 100, Deduct	*-24.81*	
		For >100, Deduct	*-35.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0370	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	447.68	57.80
		For 7 Ply Cold Press Construction, Deduct	*-6.64*	
		For Stave Lumber Core (SLC), Add	*249.05*	
		For Structural Composite Lumber Core (SCLC), Add	*149.43*	
		For >50 To 100, Deduct	*-25.27*	
		For >100, Deduct	*-36.47*	
08 14 16 00-0371	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	462.08	60.32
		For 7 Ply Cold Press Construction, Deduct	*-6.83*	
		For Stave Lumber Core (SLC), Add	*256.09*	
		For Structural Composite Lumber Core (SCLC), Add	*153.65*	
		For >50 To 100, Deduct	*-26.12*	
		For >100, Deduct	*-37.67*	
08 14 16 00-0372	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	499.55	60.32
		For 7 Ply Cold Press Construction, Deduct	*-7.58*	
		For Stave Lumber Core (SLC), Add	*284.19*	
		For Structural Composite Lumber Core (SCLC), Add	*170.51*	
		For >50 To 100, Deduct	*-27.99*	
		For >100, Deduct	*-40.48*	
08 14 16 00-0373	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	528.78	62.83
		For 7 Ply Cold Press Construction, Deduct	*-8.06*	
		For Stave Lumber Core (SLC), Add	*302.34*	
		For Structural Composite Lumber Core (SCLC), Add	*181.40*	
		For >50 To 100, Deduct	*-29.58*	
		For >100, Deduct	*-42.80*	
08 14 16 00-0374	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	419.60	55.29
		For 7 Ply Cold Press Construction, Deduct	*-6.18*	
		For Stave Lumber Core (SLC), Add	*231.76*	
		For Structural Composite Lumber Core (SCLC), Add	*139.05*	
		For >50 To 100, Deduct	*-23.74*	
		For >100, Deduct	*-34.23*	
08 14 16 00-0375	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	419.60	55.29
		For 7 Ply Cold Press Construction, Deduct	*-6.18*	
		For Stave Lumber Core (SLC), Add	*231.76*	
		For Structural Composite Lumber Core (SCLC), Add	*139.05*	
		For >50 To 100, Deduct	*-23.74*	
		For >100, Deduct	*-34.23*	
08 14 16 00-0376	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	440.92	57.80
		For 7 Ply Cold Press Construction, Deduct	*-6.51*	
		For Stave Lumber Core (SLC), Add	*243.98*	
		For Structural Composite Lumber Core (SCLC), Add	*146.39*	
		For >50 To 100, Deduct	*-24.94*	
		For >100, Deduct	*-35.96*	
08 14 16 00-0377	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	457.16	57.80
		For 7 Ply Cold Press Construction, Deduct	*-6.83*	
		For Stave Lumber Core (SLC), Add	*256.16*	
		For Structural Composite Lumber Core (SCLC), Add	*153.70*	
		For >50 To 100, Deduct	*-25.75*	
		For >100, Deduct	*-37.18*	
08 14 16 00-0378	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	467.02	57.80
		For 7 Ply Cold Press Construction, Deduct	*-7.03*	
		For Stave Lumber Core (SLC), Add	*263.56*	
		For Structural Composite Lumber Core (SCLC), Add	*158.13*	
		For >50 To 100, Deduct	*-26.24*	
		For >100, Deduct	*-37.92*	
08 14 16 00-0379	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	481.97	60.32
		For 7 Ply Cold Press Construction, Deduct	*-7.23*	
		For Stave Lumber Core (SLC), Add	*271.01*	
		For Structural Composite Lumber Core (SCLC), Add	*162.60*	
		For >50 To 100, Deduct	*-27.11*	
		For >100, Deduct	*-39.16*	
08 14 16 00-0380	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	521.61	60.32
		For 7 Ply Cold Press Construction, Deduct	*-8.02*	
		For Stave Lumber Core (SLC), Add	*300.74*	
		For Structural Composite Lumber Core (SCLC), Add	*180.44*	
		For >50 To 100, Deduct	*-29.10*	
		For >100, Deduct	*-42.14*	
08 14 16 00-0381	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	552.26	62.83
		For 7 Ply Cold Press Construction, Deduct	*-8.53*	
		For Stave Lumber Core (SLC), Add	*319.95*	
		For Structural Composite Lumber Core (SCLC), Add	*191.97*	
		For >50 To 100, Deduct	*-30.75*	
		For >100, Deduct	*-44.56*	
08 14 16 00-0382	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	479.87	55.29
		For 7 Ply Cold Press Construction, Deduct	*-7.39*	
		For Stave Lumber Core (SLC), Add	*276.96*	
		For Structural Composite Lumber Core (SCLC), Add	*166.18*	
		For >50 To 100, Deduct	*-26.76*	
		For >100, Deduct	*-38.76*	
		For 9' Door Height, Add	*77.55*	
08 14 16 00-0383	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	479.87	55.29
		For 7 Ply Cold Press Construction, Deduct	*-7.39*	
		For Stave Lumber Core (SLC), Add	*276.96*	
		For Structural Composite Lumber Core (SCLC), Add	*166.18*	
		For >50 To 100, Deduct	*-26.76*	
		For >100, Deduct	*-38.76*	
		For 9' Door Height, Add	*77.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0384	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	504.36	57.80
		For 7 Ply Cold Press Construction, Deduct	*-7.78*	
		For Stave Lumber Core (SLC), Add	*291.56*	
		For Structural Composite Lumber Core (SCLC), Add	*174.94*	
		For >50 To 100, Deduct	*-28.11*	
		For >100, Deduct	*-40.72*	
		For 9' Door Height, Add	*81.64*	
08 14 16 00-0385	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	523.73	57.80
		For 7 Ply Cold Press Construction, Deduct	*-8.16*	
		For Stave Lumber Core (SLC), Add	*306.09*	
		For Structural Composite Lumber Core (SCLC), Add	*183.65*	
		For >50 To 100, Deduct	*-29.08*	
		For >100, Deduct	*-42.17*	
		For 9' Door Height, Add	*85.71*	
08 14 16 00-0386	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	535.55	57.80
		For 7 Ply Cold Press Construction, Deduct	*-8.40*	
		For Stave Lumber Core (SLC), Add	*314.96*	
		For Structural Composite Lumber Core (SCLC), Add	*188.97*	
		For >50 To 100, Deduct	*-29.67*	
		For >100, Deduct	*-43.06*	
		For 9' Door Height, Add	*88.19*	
08 14 16 00-0387	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	552.41	60.32
		For 7 Ply Cold Press Construction, Deduct	*-8.64*	
		For Stave Lumber Core (SLC), Add	*323.84*	
		For Structural Composite Lumber Core (SCLC), Add	*194.30*	
		For >50 To 100, Deduct	*-30.64*	
		For >100, Deduct	*-44.45*	
		For 9' Door Height, Add	*90.67*	
08 14 16 00-0388	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	599.81	60.32
		For 7 Ply Cold Press Construction, Deduct	*-9.58*	
		For Stave Lumber Core (SLC), Add	*359.39*	
		For Structural Composite Lumber Core (SCLC), Add	*215.63*	
		For >50 To 100, Deduct	*-33.01*	
		For >100, Deduct	*-48.00*	
		For 9' Door Height, Add	*100.63*	
08 14 16 00-0389	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	635.45	62.83
		For 7 Ply Cold Press Construction, Deduct	*-10.20*	
		For Stave Lumber Core (SLC), Add	*382.34*	
		For Structural Composite Lumber Core (SCLC), Add	*229.41*	
		For >50 To 100, Deduct	*-34.91*	
		For >100, Deduct	*-50.80*	
		For 9' Door Height, Add	*107.06*	

08 14 16 00-0390 Lauan Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0391	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	257.47	55.29
		For >50 To 100, Deduct	*-15.64*	
		For >100, Deduct	*-22.08*	
08 14 16 00-0392	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	257.47	55.29
		For >50 To 100, Deduct	*-15.64*	
		For >100, Deduct	*-22.08*	
08 14 16 00-0393	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	270.53	57.80
		For >50 To 100, Deduct	*-16.42*	
		For >100, Deduct	*-23.18*	
08 14 16 00-0394	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	278.63	57.80
		For >50 To 100, Deduct	*-16.82*	
		For >100, Deduct	*-23.79*	
08 14 16 00-0395	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	282.70	57.80
		For >50 To 100, Deduct	*-17.03*	
		For >100, Deduct	*-24.09*	
08 14 16 00-0396	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	291.82	60.32
		For >50 To 100, Deduct	*-17.61*	
		For >100, Deduct	*-24.90*	
08 14 16 00-0397	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	310.62	60.32
		For >50 To 100, Deduct	*-18.55*	
		For >100, Deduct	*-26.31*	
08 14 16 00-0398	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	330.54	62.83
		For >50 To 100, Deduct	*-19.67*	
		For >100, Deduct	*-27.93*	
08 14 16 00-0399	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	266.02	55.29
		For >50 To 100, Deduct	*-16.07*	
		For >100, Deduct	*-22.72*	
08 14 16 00-0400	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	266.02	55.29
		For >50 To 100, Deduct	*-16.07*	
		For >100, Deduct	*-22.72*	
08 14 16 00-0401	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	279.56	57.80
		For >50 To 100, Deduct	*-16.87*	
		For >100, Deduct	*-23.86*	
08 14 16 00-0402	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	288.13	57.80
		For >50 To 100, Deduct	*-17.30*	
		For >100, Deduct	*-24.50*	
08 14 16 00-0403	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	292.44	57.80
		For >50 To 100, Deduct	*-17.51*	
		For >100, Deduct	*-24.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0404	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	301.77	60.32
		For >50 To 100, Deduct	*-18.10*	
		For >100, Deduct	*-25.65*	
08 14 16 00-0405	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	321.69	60.32
		For >50 To 100, Deduct	*-19.10*	
		For >100, Deduct	*-27.14*	
08 14 16 00-0406	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	342.45	62.83
		For >50 To 100, Deduct	*-20.26*	
		For >100, Deduct	*-28.83*	
08 14 16 00-0407	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	296.35	55.29
		For >50 To 100, Deduct	*-17.58*	
		For >100, Deduct	*-24.99*	
		For 9' Door Height, Add	*39.01*	
08 14 16 00-0408	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	296.35	55.29
		For >50 To 100, Deduct	*-17.58*	
		For >100, Deduct	*-24.99*	
		For 9' Door Height, Add	*39.01*	
08 14 16 00-0409	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	311.52	57.80
		For >50 To 100, Deduct	*-18.47*	
		For >100, Deduct	*-26.25*	
		For 9' Door Height, Add	*41.14*	
08 14 16 00-0410	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	321.77	57.80
		For >50 To 100, Deduct	*-18.98*	
		For >100, Deduct	*-27.02*	
		For 9' Door Height, Add	*43.29*	
08 14 16 00-0411	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	326.92	57.80
		For >50 To 100, Deduct	*-19.24*	
		For >100, Deduct	*-27.41*	
		For 9' Door Height, Add	*44.38*	
08 14 16 00-0412	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	337.10	60.32
		For >50 To 100, Deduct	*-19.87*	
		For >100, Deduct	*-28.30*	
		For 9' Door Height, Add	*45.46*	
08 14 16 00-0413	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	360.89	60.32
		For >50 To 100, Deduct	*-21.06*	
		For >100, Deduct	*-30.08*	
		For 9' Door Height, Add	*50.45*	
08 14 16 00-0414	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	384.72	62.83
		For >50 To 100, Deduct	*-22.38*	
		For >100, Deduct	*-32.00*	
		For 9' Door Height, Add	*54.40*	

08 14 16 00-0415 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0416	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	276.46	55.29
		For Stave Lumber Core (SLC), Add	*124.40*	
		For Structural Composite Lumber Core (SCLC), Add	*74.64*	
		For >50 To 100, Deduct	*-16.59*	
		For >100, Deduct	*-23.50*	
08 14 16 00-0417	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	276.46	55.29
		For Stave Lumber Core (SLC), Add	*124.40*	
		For Structural Composite Lumber Core (SCLC), Add	*74.64*	
		For >50 To 100, Deduct	*-16.59*	
		For >100, Deduct	*-23.50*	
08 14 16 00-0418	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	291.12	57.80
		For Stave Lumber Core (SLC), Add	*131.63*	
		For Structural Composite Lumber Core (SCLC), Add	*78.98*	
		For >50 To 100, Deduct	*-17.45*	
		For >100, Deduct	*-24.72*	
08 14 16 00-0419	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	300.73	57.80
		For Stave Lumber Core (SLC), Add	*138.84*	
		For Structural Composite Lumber Core (SCLC), Add	*83.30*	
		For >50 To 100, Deduct	*-17.93*	
		For >100, Deduct	*-25.45*	
08 14 16 00-0420	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	302.49	57.80
		For Stave Lumber Core (SLC), Add	*140.16*	
		For Structural Composite Lumber Core (SCLC), Add	*84.10*	
		For >50 To 100, Deduct	*-18.01*	
		For >100, Deduct	*-25.58*	
08 14 16 00-0421	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	309.30	60.32
		For Stave Lumber Core (SLC), Add	*141.50*	
		For Structural Composite Lumber Core (SCLC), Add	*84.90*	
		For >50 To 100, Deduct	*-18.48*	
		For >100, Deduct	*-26.21*	
08 14 16 00-0422	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	330.12	60.32
		For Stave Lumber Core (SLC), Add	*157.12*	
		For Structural Composite Lumber Core (SCLC), Add	*94.27*	
		For >50 To 100, Deduct	*-19.52*	
		For >100, Deduct	*-27.77*	
08 14 16 00-0423	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	373.09	62.83
		For Stave Lumber Core (SLC), Add	*185.57*	
		For Structural Composite Lumber Core (SCLC), Add	*111.34*	
		For >50 To 100, Deduct	*-21.80*	
		For >100, Deduct	*-31.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0424	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	286.12	55.29
		For Stave Lumber Core (SLC), Add	*131.65*	
		For Structural Composite Lumber Core (SCLC), Add	*78.99*	
		For >50 To 100, Deduct	*-17.07*	
		For >100, Deduct	*-24.22*	
08 14 16 00-0425	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	286.13	55.29
		For Stave Lumber Core (SLC), Add	*131.66*	
		For Structural Composite Lumber Core (SCLC), Add	*78.99*	
		For >50 To 100, Deduct	*-17.07*	
		For >100, Deduct	*-24.22*	
08 14 16 00-0426	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	301.34	57.80
		For Stave Lumber Core (SLC), Add	*139.30*	
		For Structural Composite Lumber Core (SCLC), Add	*83.58*	
		For >50 To 100, Deduct	*-17.96*	
		For >100, Deduct	*-25.49*	
08 14 16 00-0427	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	311.50	57.80
		For Stave Lumber Core (SLC), Add	*146.92*	
		For Structural Composite Lumber Core (SCLC), Add	*88.15*	
		For >50 To 100, Deduct	*-18.47*	
		For >100, Deduct	*-26.25*	
08 14 16 00-0428	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	313.38	57.80
		For Stave Lumber Core (SLC), Add	*148.33*	
		For Structural Composite Lumber Core (SCLC), Add	*89.00*	
		For >50 To 100, Deduct	*-18.56*	
		For >100, Deduct	*-26.39*	
08 14 16 00-0429	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	320.29	60.32
		For Stave Lumber Core (SLC), Add	*149.75*	
		For Structural Composite Lumber Core (SCLC), Add	*89.85*	
		For >50 To 100, Deduct	*-19.03*	
		For >100, Deduct	*-27.04*	
08 14 16 00-0430	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	342.31	60.32
		For Stave Lumber Core (SLC), Add	*166.26*	
		For Structural Composite Lumber Core (SCLC), Add	*99.76*	
		For >50 To 100, Deduct	*-20.13*	
		For >100, Deduct	*-28.69*	
08 14 16 00-0431	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	387.51	62.83
		For Stave Lumber Core (SLC), Add	*196.39*	
		For Structural Composite Lumber Core (SCLC), Add	*117.83*	
		For >50 To 100, Deduct	*-22.52*	
		For >100, Deduct	*-32.20*	
08 14 16 00-0432	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	320.33	55.29
		For Stave Lumber Core (SLC), Add	*157.31*	
		For Structural Composite Lumber Core (SCLC), Add	*94.38*	
		For >50 To 100, Deduct	*-18.78*	
		For >100, Deduct	*-26.79*	
		For 9' Door Height, Add	*44.05*	
08 14 16 00-0433	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	320.37	55.29
		For Stave Lumber Core (SLC), Add	*157.34*	
		For Structural Composite Lumber Core (SCLC), Add	*94.40*	
		For >50 To 100, Deduct	*-18.78*	
		For >100, Deduct	*-26.79*	
		For 9' Door Height, Add	*44.05*	
08 14 16 00-0434	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	337.55	57.80
		For Stave Lumber Core (SLC), Add	*166.46*	
		For Structural Composite Lumber Core (SCLC), Add	*99.87*	
		For >50 To 100, Deduct	*-19.77*	
		For >100, Deduct	*-28.21*	
		For 9' Door Height, Add	*46.61*	
08 14 16 00-0435	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	349.69	57.80
		For Stave Lumber Core (SLC), Add	*175.56*	
		For Structural Composite Lumber Core (SCLC), Add	*105.34*	
		For >50 To 100, Deduct	*-20.37*	
		For >100, Deduct	*-29.12*	
		For 9' Door Height, Add	*49.16*	
08 14 16 00-0436	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	351.93	57.80
		For Stave Lumber Core (SLC), Add	*177.24*	
		For Structural Composite Lumber Core (SCLC), Add	*106.34*	
		For >50 To 100, Deduct	*-20.49*	
		For >100, Deduct	*-29.29*	
		For 9' Door Height, Add	*49.63*	
08 14 16 00-0437	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	359.23	60.32
		For Stave Lumber Core (SLC), Add	*178.95*	
		For Structural Composite Lumber Core (SCLC), Add	*107.37*	
		For >50 To 100, Deduct	*-20.98*	
		For >100, Deduct	*-29.96*	
		For 9' Door Height, Add	*50.11*	
08 14 16 00-0438	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	385.55	60.32
		For Stave Lumber Core (SLC), Add	*198.69*	
		For Structural Composite Lumber Core (SCLC), Add	*119.21*	
		For >50 To 100, Deduct	*-22.29*	
		For >100, Deduct	*-31.93*	
		For 9' Door Height, Add	*55.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0439	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	438.58	62.83
		For Stave Lumber Core (SLC), Add	*234.69*	
		For Structural Composite Lumber Core (SCLC), Add	*140.81*	
		For >50 To 100, Deduct	*-25.07*	
		For >100, Deduct	*-36.04*	
		For 9' Door Height, Add	*65.71*	

08 14 16 00-0440 1-3/4" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0441 Birch Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0442	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	350.66	55.29
		For 7 Ply Cold Press Construction, Deduct	*-4.80*	
		For Stave Lumber Core (SLC), Add	*180.05*	
		For Structural Composite Lumber Core (SCLC), Add	*108.03*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.81*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*129.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*180.05*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*288.08*	
		For >50 To 100, Deduct	*-20.30*	
		For >100, Deduct	*-29.06*	
08 14 16 00-0443	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	350.66	55.29
		For 7 Ply Cold Press Construction, Deduct	*-4.80*	
		For Stave Lumber Core (SLC), Add	*180.05*	
		For Structural Composite Lumber Core (SCLC), Add	*108.03*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.81*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*129.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*180.05*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*288.08*	
		For >50 To 100, Deduct	*-20.30*	
		For >100, Deduct	*-29.06*	
08 14 16 00-0444	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	343.03	57.80
		For 7 Ply Cold Press Construction, Deduct	*-4.55*	
		For Stave Lumber Core (SLC), Add	*170.57*	
		For Structural Composite Lumber Core (SCLC), Add	*102.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.29*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*122.81*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*170.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*272.90*	
		For >50 To 100, Deduct	*-20.04*	
		For >100, Deduct	*-28.62*	
08 14 16 00-0445	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	352.51	57.80
		For 7 Ply Cold Press Construction, Deduct	*-4.74*	
		For Stave Lumber Core (SLC), Add	*177.68*	
		For Structural Composite Lumber Core (SCLC), Add	*106.61*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.43*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*127.93*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*177.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*284.28*	
		For >50 To 100, Deduct	*-20.52*	
		For >100, Deduct	*-29.33*	
08 14 16 00-0446	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	358.85	57.80
		For 7 Ply Cold Press Construction, Deduct	*-4.86*	
		For Stave Lumber Core (SLC), Add	*182.43*	
		For Structural Composite Lumber Core (SCLC), Add	*109.46*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*131.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*182.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*291.89*	
		For >50 To 100, Deduct	*-20.83*	
		For >100, Deduct	*-29.80*	
08 14 16 00-0447	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	370.18	60.32
		For 7 Ply Cold Press Construction, Deduct	*-4.99*	
		For Stave Lumber Core (SLC), Add	*187.16*	
		For Structural Composite Lumber Core (SCLC), Add	*112.30*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.95*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*134.76*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*187.16*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*299.46*	
		For >50 To 100, Deduct	*-21.52*	
		For >100, Deduct	*-30.78*	
08 14 16 00-0448	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	397.62	60.32
		For 7 Ply Cold Press Construction, Deduct	*-5.54*	
		For Stave Lumber Core (SLC), Add	*207.74*	
		For Structural Composite Lumber Core (SCLC), Add	*124.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*149.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*207.74*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*332.39*	
		For >50 To 100, Deduct	*-22.90*	
		For >100, Deduct	*-32.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0449	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	461.96	62.83
		For 7 Ply Cold Press Construction, Deduct	*-6.73*	
		For Stave Lumber Core (SLC), Add	*252.23*	
		For Structural Composite Lumber Core (SCLC), Add	*151.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*181.60*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*252.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*403.56*	
		For >50 To 100, Deduct	*-26.24*	
		For >100, Deduct	*-37.79*	
08 14 16 00-0450	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	478.77	62.83
		For 7 Ply Cold Press Construction, Deduct	*-7.06*	
		For Stave Lumber Core (SLC), Add	*264.83*	
		For Structural Composite Lumber Core (SCLC), Add	*158.90*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*190.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*264.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*423.73*	
		For >50 To 100, Deduct	*-27.08*	
		For >100, Deduct	*-39.05*	
08 14 16 00-0451	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	522.45	67.86
		For 7 Ply Cold Press Construction, Deduct	*-7.73*	
		For Stave Lumber Core (SLC), Add	*290.05*	
		For Structural Composite Lumber Core (SCLC), Add	*174.03*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.41*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*208.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*290.05*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*464.08*	
		For >50 To 100, Deduct	*-29.52*	
		For >100, Deduct	*-42.58*	
08 14 16 00-0452	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	339.30	55.29
		For 7 Ply Cold Press Construction, Deduct	*-4.57*	
		For Stave Lumber Core (SLC), Add	*171.53*	
		For Structural Composite Lumber Core (SCLC), Add	*102.92*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.45*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*123.50*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*171.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*274.45*	
		For >50 To 100, Deduct	*-19.73*	
		For >100, Deduct	*-28.21*	
08 14 16 00-0453	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	339.30	55.29
		For 7 Ply Cold Press Construction, Deduct	*-4.57*	
		For Stave Lumber Core (SLC), Add	*171.53*	
		For Structural Composite Lumber Core (SCLC), Add	*102.92*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.45*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*123.50*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*171.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*274.45*	
		For >50 To 100, Deduct	*-19.73*	
		For >100, Deduct	*-28.21*	
08 14 16 00-0454	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	356.27	57.80
		For 7 Ply Cold Press Construction, Deduct	*-4.81*	
		For Stave Lumber Core (SLC), Add	*180.50*	
		For Structural Composite Lumber Core (SCLC), Add	*108.30*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*129.96*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*180.50*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*288.79*	
		For >50 To 100, Deduct	*-20.70*	
		For >100, Deduct	*-29.61*	
08 14 16 00-0455	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	366.30	57.80
		For 7 Ply Cold Press Construction, Deduct	*-5.01*	
		For Stave Lumber Core (SLC), Add	*188.02*	
		For Structural Composite Lumber Core (SCLC), Add	*112.81*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*135.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*188.02*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*300.83*	
		For >50 To 100, Deduct	*-21.21*	
		For >100, Deduct	*-30.36*	
08 14 16 00-0456	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	373.00	57.80
		For 7 Ply Cold Press Construction, Deduct	*-5.15*	
		For Stave Lumber Core (SLC), Add	*193.04*	
		For Structural Composite Lumber Core (SCLC), Add	*115.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.89*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*138.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*193.04*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*308.87*	
		For >50 To 100, Deduct	*-21.54*	
		For >100, Deduct	*-30.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0457	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	384.69	60.32
		For 7 Ply Cold Press Construction, Deduct	*-5.28*	
		For Stave Lumber Core (SLC), Add	*198.05*	
		For Structural Composite Lumber Core (SCLC), Add	*118.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.69*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*142.59*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*198.05*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*316.87*	
		For >50 To 100, Deduct	*-22.25*	
		For >100, Deduct	*-31.87*	
08 14 16 00-0458	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	413.74	60.32
		For 7 Ply Cold Press Construction, Deduct	*-5.86*	
		For Stave Lumber Core (SLC), Add	*219.83*	
		For Structural Composite Lumber Core (SCLC), Add	*131.90*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*158.28*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*219.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*351.73*	
		For >50 To 100, Deduct	*-23.70*	
		For >100, Deduct	*-34.05*	
08 14 16 00-0459	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	481.53	62.83
		For 7 Ply Cold Press Construction, Deduct	*-7.12*	
		For Stave Lumber Core (SLC), Add	*266.90*	
		For Structural Composite Lumber Core (SCLC), Add	*160.14*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.70*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*192.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*266.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*427.04*	
		For >50 To 100, Deduct	*-27.22*	
		For >100, Deduct	*-39.26*	
08 14 16 00-0460	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	499.32	62.83
		For 7 Ply Cold Press Construction, Deduct	*-7.47*	
		For Stave Lumber Core (SLC), Add	*280.25*	
		For Structural Composite Lumber Core (SCLC), Add	*168.15*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.84*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*201.78*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*280.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*448.39*	
		For >50 To 100, Deduct	*-28.11*	
		For >100, Deduct	*-40.59*	
08 14 16 00-0461	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	544.96	67.86
		For 7 Ply Cold Press Construction, Deduct	*-8.18*	
		For Stave Lumber Core (SLC), Add	*306.93*	
		For Structural Composite Lumber Core (SCLC), Add	*184.16*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.11*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*220.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*306.93*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*491.09*	
		For >50 To 100, Deduct	*-30.64*	
		For >100, Deduct	*-44.27*	
08 14 16 00-0462	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	414.16	55.29
		For 7 Ply Cold Press Construction, Deduct	*-6.07*	
		For Stave Lumber Core (SLC), Add	*227.68*	
		For Structural Composite Lumber Core (SCLC), Add	*136.61*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.43*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*163.93*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*227.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*364.28*	
		For >50 To 100, Deduct	*-23.47*	
		For >100, Deduct	*-33.83*	
		For 9' Door Height, Add	*63.75*	
08 14 16 00-0463	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	414.16	55.29
		For 7 Ply Cold Press Construction, Deduct	*-6.07*	
		For Stave Lumber Core (SLC), Add	*227.68*	
		For Structural Composite Lumber Core (SCLC), Add	*136.61*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.43*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*163.93*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*227.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*364.28*	
		For >50 To 100, Deduct	*-23.47*	
		For >100, Deduct	*-33.83*	
		For 9' Door Height, Add	*63.75*	
08 14 16 00-0464	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	403.20	57.80
		For 7 Ply Cold Press Construction, Deduct	*-5.75*	
		For Stave Lumber Core (SLC), Add	*215.69*	
		For Structural Composite Lumber Core (SCLC), Add	*129.42*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.51*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*155.30*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*215.69*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*345.11*	
		For >50 To 100, Deduct	*-23.05*	
		For >100, Deduct	*-33.13*	
		For 9' Door Height, Add	*60.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0465	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	415.18	57.80
		For 7 Ply Cold Press Construction, Deduct	*-5.99*	
		For Stave Lumber Core (SLC), Add	*224.68*	
		For Structural Composite Lumber Core (SCLC), Add	*134.81*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.95*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*161.77*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*224.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*359.48*	
		For >50 To 100, Deduct	*-23.65*	
		For >100, Deduct	*-34.03*	
		For 9' Door Height, Add	*62.91*	
08 14 16 00-0466	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	423.18	57.80
		For 7 Ply Cold Press Construction, Deduct	*-6.15*	
		For Stave Lumber Core (SLC), Add	*230.68*	
		For Structural Composite Lumber Core (SCLC), Add	*138.41*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*166.09*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*230.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*369.08*	
		For >50 To 100, Deduct	*-24.05*	
		For >100, Deduct	*-34.63*	
		For 9' Door Height, Add	*64.59*	
08 14 16 00-0467	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	436.17	60.32
		For 7 Ply Cold Press Construction, Deduct	*-6.31*	
		For Stave Lumber Core (SLC), Add	*236.66*	
		For Structural Composite Lumber Core (SCLC), Add	*141.99*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.86*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*170.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*236.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*378.65*	
		For >50 To 100, Deduct	*-24.82*	
		For >100, Deduct	*-35.73*	
		For 9' Door Height, Add	*66.26*	
08 14 16 00-0468	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	470.89	60.32
		For 7 Ply Cold Press Construction, Deduct	*-7.01*	
		For Stave Lumber Core (SLC), Add	*262.70*	
		For Structural Composite Lumber Core (SCLC), Add	*157.62*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.03*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*189.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*262.70*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*420.31*	
		For >50 To 100, Deduct	*-26.56*	
		For >100, Deduct	*-38.33*	
		For 9' Door Height, Add	*73.55*	
08 14 16 00-0469	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	550.91	62.83
		For 7 Ply Cold Press Construction, Deduct	*-8.51*	
		For Stave Lumber Core (SLC), Add	*318.94*	
		For Structural Composite Lumber Core (SCLC), Add	*191.36*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.03*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*229.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*318.94*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*510.30*	
		For >50 To 100, Deduct	*-30.69*	
		For >100, Deduct	*-44.46*	
		For 9' Door Height, Add	*89.30*	
08 14 16 00-0470	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	572.17	62.83
		For 7 Ply Cold Press Construction, Deduct	*-8.93*	
		For Stave Lumber Core (SLC), Add	*334.88*	
		For Structural Composite Lumber Core (SCLC), Add	*200.93*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*53.58*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*241.12*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*334.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*535.81*	
		For >50 To 100, Deduct	*-31.75*	
		For >100, Deduct	*-46.05*	
		For 9' Door Height, Add	*93.77*	
08 14 16 00-0471	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	624.76	67.86
		For 7 Ply Cold Press Construction, Deduct	*-9.78*	
		For Stave Lumber Core (SLC), Add	*366.78*	
		For Structural Composite Lumber Core (SCLC), Add	*220.07*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*58.68*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*264.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*366.78*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*586.85*	
		For >50 To 100, Deduct	*-34.63*	
		For >100, Deduct	*-50.25*	
		For 9' Door Height, Add	*102.70*	

08 14 16 00-0472 Oak Faced Wood Doors *(08 14 16 00-0440)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0473	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	434.84	55.29
		For 7 Ply Cold Press Construction, Deduct	*-6.49*	
		For Stave Lumber Core (SLC), Add	*243.19*	
		For Structural Composite Lumber Core (SCLC), Add	*145.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*175.10*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*243.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*389.10*	
		For >50 To 100, Deduct	*-24.51*	
		For >100, Deduct	*-35.38*	
08 14 16 00-0474	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	434.84	55.29
		For 7 Ply Cold Press Construction, Deduct	*-6.49*	
		For Stave Lumber Core (SLC), Add	*243.19*	
		For Structural Composite Lumber Core (SCLC), Add	*145.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*175.10*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*243.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*389.10*	
		For >50 To 100, Deduct	*-24.51*	
		For >100, Deduct	*-35.38*	
08 14 16 00-0475	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	439.86	57.80
		For 7 Ply Cold Press Construction, Deduct	*-6.49*	
		For Stave Lumber Core (SLC), Add	*243.19*	
		For Structural Composite Lumber Core (SCLC), Add	*145.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*175.10*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*243.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*389.10*	
		For >50 To 100, Deduct	*-24.88*	
		For >100, Deduct	*-35.88*	
08 14 16 00-0476	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	443.20	57.80
		For 7 Ply Cold Press Construction, Deduct	*-6.55*	
		For Stave Lumber Core (SLC), Add	*245.69*	
		For Structural Composite Lumber Core (SCLC), Add	*147.42*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.31*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*176.90*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*245.69*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*393.11*	
		For >50 To 100, Deduct	*-25.05*	
		For >100, Deduct	*-36.13*	
08 14 16 00-0477	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	444.70	57.80
		For 7 Ply Cold Press Construction, Deduct	*-6.58*	
		For Stave Lumber Core (SLC), Add	*246.82*	
		For Structural Composite Lumber Core (SCLC), Add	*148.09*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.49*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*177.71*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*246.82*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*394.91*	
		For >50 To 100, Deduct	*-25.13*	
		For >100, Deduct	*-36.24*	
08 14 16 00-0478	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	451.23	60.32
		For 7 Ply Cold Press Construction, Deduct	*-6.61*	
		For Stave Lumber Core (SLC), Add	*247.95*	
		For Structural Composite Lumber Core (SCLC), Add	*148.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.67*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*178.52*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*247.95*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*396.72*	
		For >50 To 100, Deduct	*-25.58*	
		For >100, Deduct	*-36.86*	
08 14 16 00-0479	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	487.54	60.32
		For 7 Ply Cold Press Construction, Deduct	*-7.34*	
		For Stave Lumber Core (SLC), Add	*275.18*	
		For Structural Composite Lumber Core (SCLC), Add	*165.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.03*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*198.13*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*275.18*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*440.29*	
		For >50 To 100, Deduct	*-27.39*	
		For >100, Deduct	*-39.58*	
08 14 16 00-0480	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	586.07	62.83
		For 7 Ply Cold Press Construction, Deduct	*-9.21*	
		For Stave Lumber Core (SLC), Add	*345.31*	
		For Structural Composite Lumber Core (SCLC), Add	*207.18*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*248.62*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*345.31*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*552.49*	
		For >50 To 100, Deduct	*-32.45*	
		For >100, Deduct	*-47.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0481	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	609.42	62.83
		For 7 Ply Cold Press Construction, Deduct	*-9.68*	
		For Stave Lumber Core (SLC), Add	*362.82*	
		For Structural Composite Lumber Core (SCLC), Add	*217.69*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*58.05*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*261.23*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*362.82*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*580.51*	
		For >50 To 100, Deduct	*-33.61*	
		For >100, Deduct	*-48.85*	
08 14 16 00-0482	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	665.20	67.86
		For 7 Ply Cold Press Construction, Deduct	*-10.59*	
		For Stave Lumber Core (SLC), Add	*397.11*	
		For Structural Composite Lumber Core (SCLC), Add	*238.27*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*63.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*285.92*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*397.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*635.38*	
		For >50 To 100, Deduct	*-36.65*	
		For >100, Deduct	*-53.28*	
08 14 16 00-0483	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	453.71	55.29
		For 7 Ply Cold Press Construction, Deduct	*-6.86*	
		For Stave Lumber Core (SLC), Add	*257.34*	
		For Structural Composite Lumber Core (SCLC), Add	*154.40*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*185.28*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*257.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*411.74*	
		For >50 To 100, Deduct	*-25.45*	
		For >100, Deduct	*-36.79*	
08 14 16 00-0484	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	453.71	55.29
		For 7 Ply Cold Press Construction, Deduct	*-6.86*	
		For Stave Lumber Core (SLC), Add	*257.34*	
		For Structural Composite Lumber Core (SCLC), Add	*154.40*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*185.28*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*257.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*411.74*	
		For >50 To 100, Deduct	*-25.45*	
		For >100, Deduct	*-36.79*	
08 14 16 00-0485	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	458.73	57.80
		For 7 Ply Cold Press Construction, Deduct	*-6.86*	
		For Stave Lumber Core (SLC), Add	*257.34*	
		For Structural Composite Lumber Core (SCLC), Add	*154.40*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*185.28*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*257.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*411.74*	
		For >50 To 100, Deduct	*-25.83*	
		For >100, Deduct	*-37.30*	
08 14 16 00-0486	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	462.25	57.80
		For 7 Ply Cold Press Construction, Deduct	*-6.93*	
		For Stave Lumber Core (SLC), Add	*259.98*	
		For Structural Composite Lumber Core (SCLC), Add	*155.99*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.60*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*187.19*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*259.98*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*415.97*	
		For >50 To 100, Deduct	*-26.00*	
		For >100, Deduct	*-37.56*	
08 14 16 00-0487	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	463.85	57.80
		For 7 Ply Cold Press Construction, Deduct	*-6.96*	
		For Stave Lumber Core (SLC), Add	*261.18*	
		For Structural Composite Lumber Core (SCLC), Add	*156.71*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.79*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*188.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*261.18*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*417.89*	
		For >50 To 100, Deduct	*-26.08*	
		For >100, Deduct	*-37.68*	
08 14 16 00-0488	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	470.47	60.32
		For 7 Ply Cold Press Construction, Deduct	*-7.00*	
		For Stave Lumber Core (SLC), Add	*262.38*	
		For Structural Composite Lumber Core (SCLC), Add	*157.43*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.98*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*188.91*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*262.38*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*419.81*	
		For >50 To 100, Deduct	*-26.54*	
		For >100, Deduct	*-38.30*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0489	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	508.90	60.32
		For 7 Ply Cold Press Construction, Deduct	*-7.77*	
		For Stave Lumber Core (SLC), Add	*291.20*	
		For Structural Composite Lumber Core (SCLC), Add	*174.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*209.67*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*291.20*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*465.92*	
		For >50 To 100, Deduct	*-28.46*	
		For >100, Deduct	*-41.18*	
08 14 16 00-0490	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	612.87	62.83
		For 7 Ply Cold Press Construction, Deduct	*-9.74*	
		For Stave Lumber Core (SLC), Add	*365.41*	
		For Structural Composite Lumber Core (SCLC), Add	*219.24*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*58.47*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*263.09*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*365.41*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*584.65*	
		For >50 To 100, Deduct	*-33.79*	
		For >100, Deduct	*-49.11*	
08 14 16 00-0491	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	637.56	62.83
		For 7 Ply Cold Press Construction, Deduct	*-10.24*	
		For Stave Lumber Core (SLC), Add	*383.93*	
		For Structural Composite Lumber Core (SCLC), Add	*230.36*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*61.43*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*276.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*383.93*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*614.28*	
		For >50 To 100, Deduct	*-35.02*	
		For >100, Deduct	*-50.96*	
08 14 16 00-0492	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	696.01	67.86
		For 7 Ply Cold Press Construction, Deduct	*-11.21*	
		For Stave Lumber Core (SLC), Add	*420.22*	
		For Structural Composite Lumber Core (SCLC), Add	*252.13*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*67.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*302.56*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*420.22*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*672.35*	
		For >50 To 100, Deduct	*-38.19*	
		For >100, Deduct	*-55.59*	
08 14 16 00-0493	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	520.60	55.29
		For 7 Ply Cold Press Construction, Deduct	*-8.20*	
		For Stave Lumber Core (SLC), Add	*307.51*	
		For Structural Composite Lumber Core (SCLC), Add	*184.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.20*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*221.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*307.51*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*492.01*	
		For >50 To 100, Deduct	*-28.79*	
		For >100, Deduct	*-41.81*	
		For 9' Door Height, Add	*86.10*	
08 14 16 00-0494	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	520.60	55.29
		For 7 Ply Cold Press Construction, Deduct	*-8.20*	
		For Stave Lumber Core (SLC), Add	*307.51*	
		For Structural Composite Lumber Core (SCLC), Add	*184.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.20*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*221.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*307.51*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*492.01*	
		For >50 To 100, Deduct	*-28.79*	
		For >100, Deduct	*-41.81*	
		For 9' Door Height, Add	*86.10*	
08 14 16 00-0495	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	525.62	57.80
		For 7 Ply Cold Press Construction, Deduct	*-8.20*	
		For Stave Lumber Core (SLC), Add	*307.51*	
		For Structural Composite Lumber Core (SCLC), Add	*184.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.20*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*221.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*307.51*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*492.01*	
		For >50 To 100, Deduct	*-29.17*	
		For >100, Deduct	*-42.31*	
		For 9' Door Height, Add	*86.10*	
08 14 16 00-0496	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	529.85	57.80
		For 7 Ply Cold Press Construction, Deduct	*-8.28*	
		For Stave Lumber Core (SLC), Add	*310.68*	
		For Structural Composite Lumber Core (SCLC), Add	*186.41*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.71*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*223.69*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*310.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*497.09*	
		For >50 To 100, Deduct	*-29.38*	
		For >100, Deduct	*-42.63*	
		For 9' Door Height, Add	*86.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0497	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	531.77	57.80
		For 7 Ply Cold Press Construction, Deduct	*-8.32*	
		For Stave Lumber Core (SLC), Add	*312.12*	
		For Structural Composite Lumber Core (SCLC), Add	*187.27*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*224.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*312.12*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*499.39*	
		For >50 To 100, Deduct	*-29.48*	
		For >100, Deduct	*-42.77*	
		For 9' Door Height, Add	*87.39*	
08 14 16 00-0498	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	538.68	60.32
		For 7 Ply Cold Press Construction, Deduct	*-8.36*	
		For Stave Lumber Core (SLC), Add	*313.54*	
		For Structural Composite Lumber Core (SCLC), Add	*188.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*225.75*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*313.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*501.66*	
		For >50 To 100, Deduct	*-29.95*	
		For >100, Deduct	*-43.42*	
		For 9' Door Height, Add	*87.79*	
08 14 16 00-0499	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	584.60	60.32
		For 7 Ply Cold Press Construction, Deduct	*-9.28*	
		For Stave Lumber Core (SLC), Add	*347.98*	
		For Structural Composite Lumber Core (SCLC), Add	*208.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.68*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*250.54*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*347.98*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*556.76*	
		For >50 To 100, Deduct	*-32.25*	
		For >100, Deduct	*-46.86*	
		For 9' Door Height, Add	*97.43*	
08 14 16 00-0500	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	707.88	62.83
		For 7 Ply Cold Press Construction, Deduct	*-11.64*	
		For Stave Lumber Core (SLC), Add	*436.67*	
		For Structural Composite Lumber Core (SCLC), Add	*262.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*69.87*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*314.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*436.67*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*698.66*	
		For >50 To 100, Deduct	*-38.54*	
		For >100, Deduct	*-56.23*	
		For 9' Door Height, Add	*122.27*	
08 14 16 00-0501	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	737.38	62.83
		For 7 Ply Cold Press Construction, Deduct	*-12.23*	
		For Stave Lumber Core (SLC), Add	*458.79*	
		For Structural Composite Lumber Core (SCLC), Add	*275.27*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*73.41*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*330.33*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*458.79*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*734.06*	
		For >50 To 100, Deduct	*-40.01*	
		For >100, Deduct	*-58.45*	
		For 9' Door Height, Add	*128.46*	
08 14 16 00-0502	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	805.27	67.86
		For 7 Ply Cold Press Construction, Deduct	*-13.39*	
		For Stave Lumber Core (SLC), Add	*502.16*	
		For Structural Composite Lumber Core (SCLC), Add	*301.30*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*80.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*361.56*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*502.16*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*803.46*	
		For >50 To 100, Deduct	*-43.66*	
		For >100, Deduct	*-63.79*	
		For 9' Door Height, Add	*140.61*	

08 14 16 00-0503 Mahogany Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0504	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	481.34	55.29
08 14 16 00-0505	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	481.34	55.29
08 14 16 00-0506	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	486.36	57.80
08 14 16 00-0507	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	490.17	57.80
08 14 16 00-0508	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	491.90	57.80
08 14 16 00-0509	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	498.65	60.32
08 14 16 00-0510	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	540.15	60.32
08 14 16 00-0511	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	652.10	62.83
08 14 16 00-0512	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	678.81	62.83
08 14 16 00-0513	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	731.07	62.83
08 14 16 00-0514	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	502.92	55.29
08 14 16 00-0515	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	502.92	55.29
08 14 16 00-0516	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	507.94	57.80
08 14 16 00-0517	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	511.98	57.80
08 14 16 00-0518	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	513.80	57.80
08 14 16 00-0519	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	520.65	60.32
08 14 16 00-0520	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	564.58	60.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0521	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	682.75	62.83
08 14 16 00-0522	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	711.09	62.83
08 14 16 00-0523	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	766.29	62.83
08 14 16 00-0524	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	579.39	55.29
08 14 16 00-0525	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	579.39	55.29
08 14 16 00-0526	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	584.41	57.80
08 14 16 00-0527	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	589.25	57.80
08 14 16 00-0528	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	591.46	57.80
08 14 16 00-0529	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	598.62	60.32
08 14 16 00-0530	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	651.14	60.32
08 14 16 00-0531	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	791.40	62.83
08 14 16 00-0532	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	825.12	62.83
08 14 16 00-0533	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	891.24	62.83

08 14 16 00-0534 Maple Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0535	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	499.69	55.29
		For 7 Ply Cold Press Construction, Deduct	*-7.78*	
		For Stave Lumber Core (SLC), Add	*291.83*	
		For Structural Composite Lumber Core (SCLC), Add	*175.10*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.69*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*210.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*291.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*466.92*	
		For >50 To 100, Deduct	*-27.75*	
		For >100, Deduct	*-40.24*	
08 14 16 00-0536	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	499.69	55.29
		For 7 Ply Cold Press Construction, Deduct	*-7.78*	
		For Stave Lumber Core (SLC), Add	*291.83*	
		For Structural Composite Lumber Core (SCLC), Add	*175.10*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.69*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*210.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*291.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*466.92*	
		For >50 To 100, Deduct	*-27.75*	
		For >100, Deduct	*-40.24*	
08 14 16 00-0537	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	504.71	57.80
		For 7 Ply Cold Press Construction, Deduct	*-7.78*	
		For Stave Lumber Core (SLC), Add	*291.83*	
		For Structural Composite Lumber Core (SCLC), Add	*175.10*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.69*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*210.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*291.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*466.92*	
		For >50 To 100, Deduct	*-28.13*	
		For >100, Deduct	*-40.74*	
08 14 16 00-0538	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	508.71	57.80
		For 7 Ply Cold Press Construction, Deduct	*-7.86*	
		For Stave Lumber Core (SLC), Add	*294.83*	
		For Structural Composite Lumber Core (SCLC), Add	*176.90*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*212.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*471.72*	
		For >50 To 100, Deduct	*-28.33*	
		For >100, Deduct	*-41.04*	
08 14 16 00-0539	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	510.51	57.80
		For 7 Ply Cold Press Construction, Deduct	*-7.90*	
		For Stave Lumber Core (SLC), Add	*296.18*	
		For Structural Composite Lumber Core (SCLC), Add	*177.71*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*213.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*296.18*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*473.88*	
		For >50 To 100, Deduct	*-28.42*	
		For >100, Deduct	*-41.18*	
08 14 16 00-0540	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	517.35	60.32
		For 7 Ply Cold Press Construction, Deduct	*-7.93*	
		For Stave Lumber Core (SLC), Add	*297.54*	
		For Structural Composite Lumber Core (SCLC), Add	*178.52*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.61*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*214.23*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*297.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*476.06*	
		For >50 To 100, Deduct	*-28.88*	
		For >100, Deduct	*-41.82*	
08 14 16 00-0541	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	560.93	60.32
		For 7 Ply Cold Press Construction, Deduct	*-8.81*	
		For Stave Lumber Core (SLC), Add	*330.23*	
		For Structural Composite Lumber Core (SCLC), Add	*198.14*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.84*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*237.76*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*330.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*528.36*	
		For >50 To 100, Deduct	*-31.06*	
		For >100, Deduct	*-45.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0542	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	650.53	62.83
		For 7 Ply Cold Press Construction, Deduct	*-10.50*	
		For Stave Lumber Core (SLC), Add	*393.65*	
		For Structural Composite Lumber Core (SCLC), Add	*236.19*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*62.98*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*283.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*393.65*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*629.84*	
		For >50 To 100, Deduct	*-35.67*	
		For >100, Deduct	*-51.93*	
08 14 16 00-0543	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	705.77	62.83
		For 7 Ply Cold Press Construction, Deduct	*-11.60*	
		For Stave Lumber Core (SLC), Add	*435.08*	
		For Structural Composite Lumber Core (SCLC), Add	*261.05*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*69.61*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*313.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*435.08*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*696.13*	
		For >50 To 100, Deduct	*-38.43*	
		For >100, Deduct	*-56.07*	
08 14 16 00-0544	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	761.07	62.83
		For 7 Ply Cold Press Construction, Deduct	*-12.71*	
		For Stave Lumber Core (SLC), Add	*476.56*	
		For Structural Composite Lumber Core (SCLC), Add	*285.93*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*343.12*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*476.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*762.49*	
		For >50 To 100, Deduct	*-41.20*	
		For >100, Deduct	*-60.22*	
08 14 16 00-0545	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	522.33	55.29
		For 7 Ply Cold Press Construction, Deduct	*-8.23*	
		For Stave Lumber Core (SLC), Add	*308.81*	
		For Structural Composite Lumber Core (SCLC), Add	*185.28*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.41*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*222.34*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*308.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*494.09*	
		For >50 To 100, Deduct	*-28.88*	
		For >100, Deduct	*-41.94*	
08 14 16 00-0546	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	522.33	55.29
		For 7 Ply Cold Press Construction, Deduct	*-8.23*	
		For Stave Lumber Core (SLC), Add	*308.81*	
		For Structural Composite Lumber Core (SCLC), Add	*185.28*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.41*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*222.34*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*308.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*494.09*	
		For >50 To 100, Deduct	*-28.88*	
		For >100, Deduct	*-41.94*	
08 14 16 00-0547	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	527.35	57.80
		For 7 Ply Cold Press Construction, Deduct	*-8.23*	
		For Stave Lumber Core (SLC), Add	*308.81*	
		For Structural Composite Lumber Core (SCLC), Add	*185.28*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.41*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*222.34*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*308.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*494.09*	
		For >50 To 100, Deduct	*-29.26*	
		For >100, Deduct	*-42.44*	
08 14 16 00-0548	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	531.58	57.80
		For 7 Ply Cold Press Construction, Deduct	*-8.32*	
		For Stave Lumber Core (SLC), Add	*311.98*	
		For Structural Composite Lumber Core (SCLC), Add	*187.19*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.92*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*224.62*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*311.98*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*499.16*	
		For >50 To 100, Deduct	*-29.47*	
		For >100, Deduct	*-42.76*	
08 14 16 00-0549	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	533.50	57.80
		For 7 Ply Cold Press Construction, Deduct	*-8.36*	
		For Stave Lumber Core (SLC), Add	*313.42*	
		For Structural Composite Lumber Core (SCLC), Add	*188.05*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*225.66*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*313.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*501.47*	
		For >50 To 100, Deduct	*-29.57*	
		For >100, Deduct	*-42.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0550	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	540.44	60.32
		For 7 Ply Cold Press Construction, Deduct	*-8.40*	
		For Stave Lumber Core (SLC), Add	*314.86*	
		For Structural Composite Lumber Core (SCLC), Add	*188.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.38*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*226.70*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*314.86*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*503.77*	
		For >50 To 100, Deduct	*-30.04*	
		For >100, Deduct	*-43.55*	
08 14 16 00-0551	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	586.55	60.32
		For 7 Ply Cold Press Construction, Deduct	*-9.32*	
		For Stave Lumber Core (SLC), Add	*349.44*	
		For Structural Composite Lumber Core (SCLC), Add	*209.66*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*251.60*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*349.44*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*559.10*	
		For >50 To 100, Deduct	*-32.34*	
		For >100, Deduct	*-47.01*	
08 14 16 00-0552	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	681.08	62.83
		For 7 Ply Cold Press Construction, Deduct	*-11.11*	
		For Stave Lumber Core (SLC), Add	*416.57*	
		For Structural Composite Lumber Core (SCLC), Add	*249.94*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*66.65*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*299.93*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*416.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*666.50*	
		For >50 To 100, Deduct	*-37.20*	
		For >100, Deduct	*-54.22*	
08 14 16 00-0553	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	739.55	62.83
		For 7 Ply Cold Press Construction, Deduct	*-12.28*	
		For Stave Lumber Core (SLC), Add	*460.42*	
		For Structural Composite Lumber Core (SCLC), Add	*276.25*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*73.67*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*331.50*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*460.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*736.67*	
		For >50 To 100, Deduct	*-40.12*	
		For >100, Deduct	*-58.61*	
08 14 16 00-0554	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	798.06	62.83
		For 7 Ply Cold Press Construction, Deduct	*-13.45*	
		For Stave Lumber Core (SLC), Add	*504.30*	
		For Structural Composite Lumber Core (SCLC), Add	*302.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*80.69*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*363.10*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*504.30*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*806.88*	
		For >50 To 100, Deduct	*-43.04*	
		For >100, Deduct	*-63.00*	
08 14 16 00-0555	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	602.61	55.29
		For 7 Ply Cold Press Construction, Deduct	*-9.84*	
		For Stave Lumber Core (SLC), Add	*369.02*	
		For Structural Composite Lumber Core (SCLC), Add	*221.41*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.04*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*265.69*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*369.02*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*590.42*	
		For >50 To 100, Deduct	*-32.90*	
		For >100, Deduct	*-47.96*	
		For 9' Door Height, Add	*103.32*	
08 14 16 00-0556	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	602.61	55.29
		For 7 Ply Cold Press Construction, Deduct	*-9.84*	
		For Stave Lumber Core (SLC), Add	*369.02*	
		For Structural Composite Lumber Core (SCLC), Add	*221.41*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.04*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*265.69*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*369.02*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*590.42*	
		For >50 To 100, Deduct	*-32.90*	
		For >100, Deduct	*-47.96*	
		For 9' Door Height, Add	*103.32*	
08 14 16 00-0557	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	607.63	57.80
		For 7 Ply Cold Press Construction, Deduct	*-9.84*	
		For Stave Lumber Core (SLC), Add	*369.02*	
		For Structural Composite Lumber Core (SCLC), Add	*221.41*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.04*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*265.69*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*369.02*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*590.42*	
		For >50 To 100, Deduct	*-33.27*	
		For >100, Deduct	*-48.46*	
		For 9' Door Height, Add	*103.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0558	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	612.69	57.80
		For 7 Ply Cold Press Construction, Deduct	*-9.94*	
		For Stave Lumber Core (SLC), Add	*372.81*	
		For Structural Composite Lumber Core (SCLC), Add	*223.69*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.65*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*268.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*372.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*596.50*	
		For >50 To 100, Deduct	*-33.52*	
		For >100, Deduct	*-48.84*	
		For 9' Door Height, Add	*104.39*	
08 14 16 00-0559	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	614.99	57.80
		For 7 Ply Cold Press Construction, Deduct	*-9.99*	
		For Stave Lumber Core (SLC), Add	*374.54*	
		For Structural Composite Lumber Core (SCLC), Add	*224.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.93*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*269.67*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*374.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*599.26*	
		For >50 To 100, Deduct	*-33.64*	
		For >100, Deduct	*-49.01*	
		For 9' Door Height, Add	*104.87*	
08 14 16 00-0560	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	622.29	60.32
		For 7 Ply Cold Press Construction, Deduct	*-10.03*	
		For Stave Lumber Core (SLC), Add	*376.25*	
		For Structural Composite Lumber Core (SCLC), Add	*225.75*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*60.20*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*270.90*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*376.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*601.99*	
		For >50 To 100, Deduct	*-34.13*	
		For >100, Deduct	*-49.69*	
		For 9' Door Height, Add	*105.35*	
08 14 16 00-0561	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	677.40	60.32
		For 7 Ply Cold Press Construction, Deduct	*-11.14*	
		For Stave Lumber Core (SLC), Add	*417.58*	
		For Structural Composite Lumber Core (SCLC), Add	*250.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*66.81*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*300.66*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*417.58*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*668.12*	
		For >50 To 100, Deduct	*-36.89*	
		For >100, Deduct	*-53.82*	
		For 9' Door Height, Add	*116.92*	
08 14 16 00-0562	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	789.38	62.83
		For 7 Ply Cold Press Construction, Deduct	*-13.27*	
		For Stave Lumber Core (SLC), Add	*497.79*	
		For Structural Composite Lumber Core (SCLC), Add	*298.67*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*79.65*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*358.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*497.79*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*796.46*	
		For >50 To 100, Deduct	*-42.61*	
		For >100, Deduct	*-62.35*	
		For 9' Door Height, Add	*139.38*	
08 14 16 00-0563	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	859.25	62.83
		For 7 Ply Cold Press Construction, Deduct	*-14.67*	
		For Stave Lumber Core (SLC), Add	*550.19*	
		For Structural Composite Lumber Core (SCLC), Add	*330.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*88.03*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*396.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*550.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*880.31*	
		For >50 To 100, Deduct	*-46.10*	
		For >100, Deduct	*-67.59*	
		For 9' Door Height, Add	*154.05*	
08 14 16 00-0564	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	929.16	62.83
		For 7 Ply Cold Press Construction, Deduct	*-16.07*	
		For Stave Lumber Core (SLC), Add	*602.63*	
		For Structural Composite Lumber Core (SCLC), Add	*361.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*96.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*433.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*602.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*964.20*	
		For >50 To 100, Deduct	*-49.60*	
		For >100, Deduct	*-72.83*	
		For 9' Door Height, Add	*168.74*	
08 14 16 00-0565		Cherry Faced Wood Doors *(08 14 16 00-0440)*		
08 14 16 00-0566	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	546.76	55.29
08 14 16 00-0567	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	546.76	55.29
08 14 16 00-0568	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	551.78	57.80
08 14 16 00-0569	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	556.26	57.80
08 14 16 00-0570	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	558.31	57.80
08 14 16 00-0571	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	565.35	60.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0572	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	614.19	60.32
08 14 16 00-0573	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	745.00	62.83
08 14 16 00-0574	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	776.41	62.83
08 14 16 00-0575	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	837.93	62.83
08 14 16 00-0576	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	572.16	55.29
08 14 16 00-0577	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	572.16	55.29
08 14 16 00-0578	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	577.18	57.80
08 14 16 00-0579	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	581.91	57.80
08 14 16 00-0580	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	584.06	57.80
08 14 16 00-0581	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	591.23	60.32
08 14 16 00-0582	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	642.94	60.32
08 14 16 00-0583	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	781.05	62.83
08 14 16 00-0584	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	814.39	62.83
08 14 16 00-0585	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	879.36	62.83
08 14 16 00-0586	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	662.14	55.29
08 14 16 00-0587	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	662.14	55.29
08 14 16 00-0588	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	667.16	57.80
08 14 16 00-0589	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	672.86	57.80
08 14 16 00-0590	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	675.42	57.80
08 14 16 00-0591	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	683.00	60.32
08 14 16 00-0592	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	744.77	60.32
08 14 16 00-0593	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	908.85	62.83
08 14 16 00-0594	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	948.53	62.83
08 14 16 00-0595	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	1,026.34	62.83

08 14 16 00-0596 Walnut Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0597	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	608.08	55.29
		For 7 Ply Cold Press Construction, Deduct	*-9.95*	
		For Stave Lumber Core (SLC), Add	*373.12*	
		For Structural Composite Lumber Core (SCLC), Add	*223.87*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.70*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*268.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*373.12*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*596.99*	
		For >50 To 100, Deduct	*-33.17*	
		For >100, Deduct	*-48.37*	
08 14 16 00-0598	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	608.08	55.29
		For 7 Ply Cold Press Construction, Deduct	*-9.95*	
		For Stave Lumber Core (SLC), Add	*373.12*	
		For Structural Composite Lumber Core (SCLC), Add	*223.87*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.70*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*268.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*373.12*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*596.99*	
		For >50 To 100, Deduct	*-33.17*	
		For >100, Deduct	*-48.37*	
08 14 16 00-0599	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	613.26	57.80
		For 7 Ply Cold Press Construction, Deduct	*-9.95*	
		For Stave Lumber Core (SLC), Add	*373.24*	
		For Structural Composite Lumber Core (SCLC), Add	*223.94*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*268.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*373.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*597.18*	
		For >50 To 100, Deduct	*-33.55*	
		For >100, Deduct	*-48.88*	
08 14 16 00-0600	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	618.39	57.80
		For 7 Ply Cold Press Construction, Deduct	*-10.06*	
		For Stave Lumber Core (SLC), Add	*377.09*	
		For Structural Composite Lumber Core (SCLC), Add	*226.25*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*60.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*271.50*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*377.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*603.34*	
		For >50 To 100, Deduct	*-33.81*	
		For >100, Deduct	*-49.27*	
08 14 16 00-0601	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	631.80	57.80
		For 7 Ply Cold Press Construction, Deduct	*-10.32*	
		For Stave Lumber Core (SLC), Add	*387.14*	
		For Structural Composite Lumber Core (SCLC), Add	*232.29*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*61.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*278.74*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*387.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*619.43*	
		For >50 To 100, Deduct	*-34.48*	
		For >100, Deduct	*-50.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0602	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	650.21	60.32
		For 7 Ply Cold Press Construction, Deduct	*-10.59*	
		For Stave Lumber Core (SLC), Add	*397.19*	
		For Structural Composite Lumber Core (SCLC), Add	*238.31*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*63.55*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*285.97*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*397.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*635.50*	
		For >50 To 100, Deduct	*-35.53*	
		For >100, Deduct	*-51.78*	
08 14 16 00-0603	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	684.99	60.32
		For 7 Ply Cold Press Construction, Deduct	*-11.29*	
		For Stave Lumber Core (SLC), Add	*423.27*	
		For Structural Composite Lumber Core (SCLC), Add	*253.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*67.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*304.75*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*423.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*677.23*	
		For >50 To 100, Deduct	*-37.27*	
		For >100, Deduct	*-54.39*	
08 14 16 00-0604	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	836.80	62.83
		For 7 Ply Cold Press Construction, Deduct	*-14.22*	
		For Stave Lumber Core (SLC), Add	*533.36*	
		For Structural Composite Lumber Core (SCLC), Add	*320.01*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*85.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*384.02*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*533.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*853.37*	
		For >50 To 100, Deduct	*-44.98*	
		For >100, Deduct	*-65.90*	
08 14 16 00-0605	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	872.35	62.83
		For 7 Ply Cold Press Construction, Deduct	*-14.93*	
		For Stave Lumber Core (SLC), Add	*560.02*	
		For Structural Composite Lumber Core (SCLC), Add	*336.01*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*89.60*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*403.21*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*560.02*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*896.03*	
		For >50 To 100, Deduct	*-46.76*	
		For >100, Deduct	*-68.57*	
08 14 16 00-0606	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	943.50	62.83
		For 7 Ply Cold Press Construction, Deduct	*-16.36*	
		For Stave Lumber Core (SLC), Add	*613.38*	
		For Structural Composite Lumber Core (SCLC), Add	*368.03*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*98.14*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*441.63*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*613.38*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*981.41*	
		For >50 To 100, Deduct	*-50.32*	
		For >100, Deduct	*-73.90*	
08 14 16 00-0607	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	637.03	55.29
		For 7 Ply Cold Press Construction, Deduct	*-10.53*	
		For Stave Lumber Core (SLC), Add	*394.83*	
		For Structural Composite Lumber Core (SCLC), Add	*236.90*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*63.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*284.28*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*394.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*631.73*	
		For >50 To 100, Deduct	*-34.62*	
		For >100, Deduct	*-50.54*	
08 14 16 00-0608	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	637.03	55.29
		For 7 Ply Cold Press Construction, Deduct	*-10.53*	
		For Stave Lumber Core (SLC), Add	*394.83*	
		For Structural Composite Lumber Core (SCLC), Add	*236.90*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*63.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*284.28*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*394.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*631.73*	
		For >50 To 100, Deduct	*-34.62*	
		For >100, Deduct	*-50.54*	
08 14 16 00-0609	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	642.21	57.80
		For 7 Ply Cold Press Construction, Deduct	*-10.53*	
		For Stave Lumber Core (SLC), Add	*394.95*	
		For Structural Composite Lumber Core (SCLC), Add	*236.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*63.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*284.36*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*394.95*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*631.92*	
		For >50 To 100, Deduct	*-35.00*	
		For >100, Deduct	*-51.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0610	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	647.66	57.80
		For 7 Ply Cold Press Construction, Deduct	*-10.64*	
		For Stave Lumber Core (SLC), Add	*399.04*	
		For Structural Composite Lumber Core (SCLC), Add	*239.42*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*63.85*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*287.31*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*399.04*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*638.46*	
		For >50 To 100, Deduct	*-35.27*	
		For >100, Deduct	*-51.46*	
08 14 16 00-0611	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	661.84	57.80
		For 7 Ply Cold Press Construction, Deduct	*-10.92*	
		For Stave Lumber Core (SLC), Add	*409.67*	
		For Structural Composite Lumber Core (SCLC), Add	*245.80*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*65.55*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*294.96*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*409.67*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*655.48*	
		For >50 To 100, Deduct	*-35.98*	
		For >100, Deduct	*-52.53*	
08 14 16 00-0612	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	681.01	60.32
		For 7 Ply Cold Press Construction, Deduct	*-11.21*	
		For Stave Lumber Core (SLC), Add	*420.29*	
		For Structural Composite Lumber Core (SCLC), Add	*252.17*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*67.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*302.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*420.29*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*672.46*	
		For >50 To 100, Deduct	*-37.07*	
		For >100, Deduct	*-54.09*	
08 14 16 00-0613	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	717.84	60.32
		For 7 Ply Cold Press Construction, Deduct	*-11.94*	
		For Stave Lumber Core (SLC), Add	*447.91*	
		For Structural Composite Lumber Core (SCLC), Add	*268.74*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*71.67*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*322.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*447.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*716.65*	
		For >50 To 100, Deduct	*-38.91*	
		For >100, Deduct	*-56.85*	
08 14 16 00-0614	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	878.18	62.83
		For 7 Ply Cold Press Construction, Deduct	*-15.05*	
		For Stave Lumber Core (SLC), Add	*564.39*	
		For Structural Composite Lumber Core (SCLC), Add	*338.63*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*90.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*406.36*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*564.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*903.02*	
		For >50 To 100, Deduct	*-47.05*	
		For >100, Deduct	*-69.01*	
08 14 16 00-0615	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	915.80	62.83
		For 7 Ply Cold Press Construction, Deduct	*-15.80*	
		For Stave Lumber Core (SLC), Add	*592.61*	
		For Structural Composite Lumber Core (SCLC), Add	*355.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*94.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*426.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*592.61*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*948.17*	
		For >50 To 100, Deduct	*-48.93*	
		For >100, Deduct	*-71.83*	
08 14 16 00-0616	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	991.09	62.83
		For 7 Ply Cold Press Construction, Deduct	*-17.31*	
		For Stave Lumber Core (SLC), Add	*649.07*	
		For Structural Composite Lumber Core (SCLC), Add	*389.44*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*103.85*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*467.33*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*649.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,038.52*	
		For >50 To 100, Deduct	*-52.70*	
		For >100, Deduct	*-77.47*	
08 14 16 00-0617	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	739.69	55.29
		For 7 Ply Cold Press Construction, Deduct	*-12.58*	
		For Stave Lumber Core (SLC), Add	*471.83*	
		For Structural Composite Lumber Core (SCLC), Add	*283.10*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*75.49*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*339.71*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*471.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*754.92*	
		For >50 To 100, Deduct	*-39.75*	
		For >100, Deduct	*-58.24*	
		For 9' Door Height, Add	*132.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0618	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	739.69	55.29
		For 7 Ply Cold Press Construction, Deduct	*-12.58*	
		For Stave Lumber Core (SLC), Add	*471.83*	
		For Structural Composite Lumber Core (SCLC), Add	*283.10*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*75.49*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*339.71*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*471.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*754.92*	
		For >50 To 100, Deduct	*-39.75*	
		For >100, Deduct	*-58.24*	
		For 9' Door Height, Add	*132.11*	
08 14 16 00-0619	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	744.91	57.80
		For 7 Ply Cold Press Construction, Deduct	*-12.59*	
		For Stave Lumber Core (SLC), Add	*471.98*	
		For Structural Composite Lumber Core (SCLC), Add	*283.19*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*75.52*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*339.82*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*471.98*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*755.16*	
		For >50 To 100, Deduct	*-40.14*	
		For >100, Deduct	*-58.76*	
		For 9' Door Height, Add	*132.15*	
08 14 16 00-0620	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	751.41	57.80
		For 7 Ply Cold Press Construction, Deduct	*-12.72*	
		For Stave Lumber Core (SLC), Add	*476.85*	
		For Structural Composite Lumber Core (SCLC), Add	*286.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*343.33*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*476.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*762.96*	
		For >50 To 100, Deduct	*-40.46*	
		For >100, Deduct	*-59.25*	
		For 9' Door Height, Add	*133.52*	
08 14 16 00-0621	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	768.35	57.80
		For 7 Ply Cold Press Construction, Deduct	*-13.05*	
		For Stave Lumber Core (SLC), Add	*489.56*	
		For Structural Composite Lumber Core (SCLC), Add	*293.73*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*78.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*352.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*489.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*783.29*	
		For >50 To 100, Deduct	*-41.31*	
		For >100, Deduct	*-60.52*	
		For 9' Door Height, Add	*137.08*	
08 14 16 00-0622	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	790.31	60.32
		For 7 Ply Cold Press Construction, Deduct	*-13.39*	
		For Stave Lumber Core (SLC), Add	*502.26*	
		For Structural Composite Lumber Core (SCLC), Add	*301.36*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*80.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*361.63*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*502.26*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*803.62*	
		For >50 To 100, Deduct	*-42.53*	
		For >100, Deduct	*-62.29*	
		For 9' Door Height, Add	*140.63*	
08 14 16 00-0623	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	834.30	60.32
		For 7 Ply Cold Press Construction, Deduct	*-14.27*	
		For Stave Lumber Core (SLC), Add	*535.25*	
		For Structural Composite Lumber Core (SCLC), Add	*321.15*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*85.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*385.38*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*535.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*856.40*	
		For >50 To 100, Deduct	*-44.73*	
		For >100, Deduct	*-65.59*	
		For 9' Door Height, Add	*149.87*	
08 14 16 00-0624	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,024.93	62.83
		For 7 Ply Cold Press Construction, Deduct	*-17.99*	
		For Stave Lumber Core (SLC), Add	*674.45*	
		For Structural Composite Lumber Core (SCLC), Add	*404.67*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*107.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*485.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*674.45*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,079.12*	
		For >50 To 100, Deduct	*-54.39*	
		For >100, Deduct	*-80.01*	
		For 9' Door Height, Add	*188.85*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0625	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,069.89	62.83
		For 7 Ply Cold Press Construction, Deduct	*-18.88*	
		For Stave Lumber Core (SLC), Add	*708.17*	
		For Structural Composite Lumber Core (SCLC), Add	*424.90*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*113.31*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*509.88*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*708.17*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,133.08*	
		For >50 To 100, Deduct	*-56.64*	
		For >100, Deduct	*-83.38*	
		For 9' Door Height, Add	*198.29*	
08 14 16 00-0626	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,159.84	62.83
		For 7 Ply Cold Press Construction, Deduct	*-20.68*	
		For Stave Lumber Core (SLC), Add	*775.64*	
		For Structural Composite Lumber Core (SCLC), Add	*465.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*124.10*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*553.46*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*775.64*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,241.02*	
		For >50 To 100, Deduct	*-61.13*	
		For >100, Deduct	*-90.13*	
		For 9' Door Height, Add	*217.18*	

08 14 16 00-0627 Lauan Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0628	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	310.54	55.29
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.99*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*107.97*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*149.96*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*239.94*	
		For >50 To 100, Deduct	*-18.29*	
		For >100, Deduct	*-26.06*	
08 14 16 00-0629	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	310.54	55.29
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.99*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*107.97*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*149.96*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*239.94*	
		For >50 To 100, Deduct	*-18.29*	
		For >100, Deduct	*-26.06*	
08 14 16 00-0630	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	316.13	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.06*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*108.28*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*150.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*240.62*	
		For >50 To 100, Deduct	*-18.70*	
		For >100, Deduct	*-26.60*	
08 14 16 00-0631	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	321.90	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*111.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*154.72*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*247.55*	
		For >50 To 100, Deduct	*-18.99*	
		For >100, Deduct	*-27.03*	
08 14 16 00-0632	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	323.98	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*112.52*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*156.28*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*250.04*	
		For >50 To 100, Deduct	*-19.09*	
		For >100, Deduct	*-27.19*	
08 14 16 00-0633	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	331.08	60.32
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*113.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*157.84*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*252.54*	
		For >50 To 100, Deduct	*-19.57*	
		For >100, Deduct	*-27.85*	
08 14 16 00-0634	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	350.10	60.32
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*123.91*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*172.10*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*275.36*	
		For >50 To 100, Deduct	*-20.52*	
		For >100, Deduct	*-29.27*	
08 14 16 00-0635	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	371.49	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.50*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*132.75*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*184.37*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*295.00*	
		For >50 To 100, Deduct	*-21.72*	
		For >100, Deduct	*-31.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0636	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	383.79	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.98*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*139.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*193.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*309.76*	
		For >50 To 100, Deduct	*-22.33*	
		For >100, Deduct	*-31.93*	
08 14 16 00-0637	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	408.38	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.93*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*152.67*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*212.04*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*339.26*	
		For >50 To 100, Deduct	*-23.56*	
		For >100, Deduct	*-33.77*	
08 14 16 00-0638	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	322.16	55.29
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*114.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*158.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*253.88*	
		For >50 To 100, Deduct	*-18.87*	
		For >100, Deduct	*-26.93*	
08 14 16 00-0639	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	322.16	55.29
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*114.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*158.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*253.88*	
		For >50 To 100, Deduct	*-18.87*	
		For >100, Deduct	*-26.93*	
08 14 16 00-0640	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	327.80	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*114.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*159.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*254.63*	
		For >50 To 100, Deduct	*-19.28*	
		For >100, Deduct	*-27.48*	
08 14 16 00-0641	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	333.89	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*117.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*163.71*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*261.94*	
		For >50 To 100, Deduct	*-19.58*	
		For >100, Deduct	*-27.93*	
08 14 16 00-0642	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	336.11	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*119.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*165.38*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*264.60*	
		For >50 To 100, Deduct	*-19.70*	
		For >100, Deduct	*-28.10*	
08 14 16 00-0643	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	343.33	60.32
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*120.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*167.03*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*267.24*	
		For >50 To 100, Deduct	*-20.18*	
		For >100, Deduct	*-28.77*	
08 14 16 00-0644	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	363.45	60.32
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.14*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*131.12*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*182.12*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*291.38*	
		For >50 To 100, Deduct	*-21.19*	
		For >100, Deduct	*-30.27*	
08 14 16 00-0645	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	385.81	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.22*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*140.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*195.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*312.18*	
		For >50 To 100, Deduct	*-22.43*	
		For >100, Deduct	*-32.08*	
08 14 16 00-0646	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	398.81	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.78*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*147.50*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*204.86*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*327.78*	
		For >50 To 100, Deduct	*-23.08*	
		For >100, Deduct	*-33.05*	
08 14 16 00-0647	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	424.84	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*161.56*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*224.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*359.02*	
		For >50 To 100, Deduct	*-24.38*	
		For >100, Deduct	*-35.00*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0648	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	363.40	55.29
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*136.52*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*189.61*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*303.37*	
		For >50 To 100, Deduct	*-20.93*	
		For >100, Deduct	*-30.02*	
		For 9' Door Height, Add	*53.09*	
08 14 16 00-0649	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	363.40	55.29
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*136.52*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*189.61*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*303.37*	
		For >50 To 100, Deduct	*-20.93*	
		For >100, Deduct	*-30.02*	
		For 9' Door Height, Add	*53.09*	
08 14 16 00-0650	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	369.16	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.43*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*136.92*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*190.16*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*304.26*	
		For >50 To 100, Deduct	*-21.35*	
		For >100, Deduct	*-30.58*	
		For 9' Door Height, Add	*53.25*	
08 14 16 00-0651	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	376.46	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*140.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*195.64*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*313.02*	
		For >50 To 100, Deduct	*-21.71*	
		For >100, Deduct	*-31.12*	
		For 9' Door Height, Add	*54.78*	
08 14 16 00-0652	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	379.12	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*142.30*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*197.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*316.21*	
		For >50 To 100, Deduct	*-21.85*	
		For >100, Deduct	*-31.32*	
		For 9' Door Height, Add	*55.34*	
08 14 16 00-0653	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	386.76	60.32
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*143.71*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*199.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*319.36*	
		For >50 To 100, Deduct	*-22.35*	
		For >100, Deduct	*-32.02*	
		For 9' Door Height, Add	*55.89*	
08 14 16 00-0654	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	410.81	60.32
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*156.70*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*217.64*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*348.22*	
		For >50 To 100, Deduct	*-23.56*	
		For >100, Deduct	*-33.83*	
		For 9' Door Height, Add	*60.94*	
08 14 16 00-0655	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	436.53	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*167.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*233.15*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*373.04*	
		For >50 To 100, Deduct	*-24.97*	
		For >100, Deduct	*-35.88*	
		For 9' Door Height, Add	*65.28*	
08 14 16 00-0656	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	452.06	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*176.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*244.80*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*391.68*	
		For >50 To 100, Deduct	*-25.74*	
		For >100, Deduct	*-37.05*	
		For 9' Door Height, Add	*68.54*	
08 14 16 00-0657	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	483.19	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*193.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*268.15*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*429.04*	
		For >50 To 100, Deduct	*-27.30*	
		For >100, Deduct	*-39.38*	
		For 9' Door Height, Add	*75.08*	

08 14 16 00-0658 Medium Density Overlay (MDO) Wood Doors *(08 14 16 00-0440)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0659	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	319.02	55.29
		For Stave Lumber Core (SLC), Add	*156.32*	
		For Structural Composite Lumber Core (SCLC), Add	*93.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.01*	
		For >50 To 100, Deduct	*-18.72*	
		For >100, Deduct	*-26.69*	
08 14 16 00-0660	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	319.02	55.29
		For Stave Lumber Core (SLC), Add	*156.32*	
		For Structural Composite Lumber Core (SCLC), Add	*93.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.01*	
		For >50 To 100, Deduct	*-18.72*	
		For >100, Deduct	*-26.69*	
08 14 16 00-0661	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	336.11	57.80
		For Stave Lumber Core (SLC), Add	*165.38*	
		For Structural Composite Lumber Core (SCLC), Add	*99.23*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.46*	
		For >50 To 100, Deduct	*-19.70*	
		For >100, Deduct	*-28.10*	
08 14 16 00-0662	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	348.15	57.80
		For Stave Lumber Core (SLC), Add	*174.41*	
		For Structural Composite Lumber Core (SCLC), Add	*104.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.90*	
		For >50 To 100, Deduct	*-20.30*	
		For >100, Deduct	*-29.00*	
08 14 16 00-0663	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	350.40	57.80
		For Stave Lumber Core (SLC), Add	*176.09*	
		For Structural Composite Lumber Core (SCLC), Add	*105.66*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.17*	
		For >50 To 100, Deduct	*-20.41*	
		For >100, Deduct	*-29.17*	
08 14 16 00-0664	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	357.69	60.32
		For Stave Lumber Core (SLC), Add	*177.80*	
		For Structural Composite Lumber Core (SCLC), Add	*106.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.45*	
		For >50 To 100, Deduct	*-20.90*	
		For >100, Deduct	*-29.84*	
08 14 16 00-0665	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	383.82	60.32
		For Stave Lumber Core (SLC), Add	*197.39*	
		For Structural Composite Lumber Core (SCLC), Add	*118.44*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.58*	
		For >50 To 100, Deduct	*-22.21*	
		For >100, Deduct	*-31.80*	
08 14 16 00-0666	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	436.56	62.83
		For Stave Lumber Core (SLC), Add	*233.18*	
		For Structural Composite Lumber Core (SCLC), Add	*139.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.31*	
		For >50 To 100, Deduct	*-24.97*	
		For >100, Deduct	*-35.88*	
08 14 16 00-0667	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	452.12	62.83
		For Stave Lumber Core (SLC), Add	*244.85*	
		For Structural Composite Lumber Core (SCLC), Add	*146.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.18*	
		For >50 To 100, Deduct	*-25.75*	
		For >100, Deduct	*-37.05*	
08 14 16 00-0668	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	483.19	62.83
		For Stave Lumber Core (SLC), Add	*268.15*	
		For Structural Composite Lumber Core (SCLC), Add	*160.89*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.90*	
		For >50 To 100, Deduct	*-27.30*	
		For >100, Deduct	*-39.38*	
08 14 16 00-0669	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	331.16	55.29
		For Stave Lumber Core (SLC), Add	*165.43*	
		For Structural Composite Lumber Core (SCLC), Add	*99.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.47*	
		For >50 To 100, Deduct	*-19.32*	
		For >100, Deduct	*-27.60*	
08 14 16 00-0670	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	331.16	55.29
		For Stave Lumber Core (SLC), Add	*165.43*	
		For Structural Composite Lumber Core (SCLC), Add	*99.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.47*	
		For >50 To 100, Deduct	*-19.32*	
		For >100, Deduct	*-27.60*	
08 14 16 00-0671	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	348.95	57.80
		For Stave Lumber Core (SLC), Add	*175.01*	
		For Structural Composite Lumber Core (SCLC), Add	*105.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.00*	
		For >50 To 100, Deduct	*-20.34*	
		For >100, Deduct	*-29.06*	
08 14 16 00-0672	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	361.70	57.80
		For Stave Lumber Core (SLC), Add	*184.57*	
		For Structural Composite Lumber Core (SCLC), Add	*110.74*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.53*	
		For >50 To 100, Deduct	*-20.98*	
		For >100, Deduct	*-30.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0673	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	364.07	57.80
		For Stave Lumber Core (SLC), Add	*186.35*	
		For Structural Composite Lumber Core (SCLC), Add	*111.81*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.82*	
		For >50 To 100, Deduct	*-21.09*	
		For >100, Deduct	*-30.20*	
08 14 16 00-0674	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	371.49	60.32
		For Stave Lumber Core (SLC), Add	*188.15*	
		For Structural Composite Lumber Core (SCLC), Add	*112.89*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.10*	
		For >50 To 100, Deduct	*-21.59*	
		For >100, Deduct	*-30.88*	
08 14 16 00-0675	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	399.13	60.32
		For Stave Lumber Core (SLC), Add	*208.88*	
		For Structural Composite Lumber Core (SCLC), Add	*125.33*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.42*	
		For >50 To 100, Deduct	*-22.97*	
		For >100, Deduct	*-32.95*	
08 14 16 00-0676	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	454.65	62.83
		For Stave Lumber Core (SLC), Add	*246.74*	
		For Structural Composite Lumber Core (SCLC), Add	*148.05*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.48*	
		For >50 To 100, Deduct	*-25.87*	
		For >100, Deduct	*-37.24*	
08 14 16 00-0677	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	471.11	62.83
		For Stave Lumber Core (SLC), Add	*259.09*	
		For Structural Composite Lumber Core (SCLC), Add	*155.45*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.45*	
		For >50 To 100, Deduct	*-26.70*	
		For >100, Deduct	*-38.47*	
08 14 16 00-0678	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	504.00	62.83
		For Stave Lumber Core (SLC), Add	*283.76*	
		For Structural Composite Lumber Core (SCLC), Add	*170.25*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.40*	
		For >50 To 100, Deduct	*-28.34*	
		For >100, Deduct	*-40.94*	
08 14 16 00-0679	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	374.16	55.29
		For Stave Lumber Core (SLC), Add	*197.68*	
		For Structural Composite Lumber Core (SCLC), Add	*118.61*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.63*	
		For >50 To 100, Deduct	*-21.47*	
		For >100, Deduct	*-30.83*	
		For 9' Door Height, Add	*55.35*	
08 14 16 00-0680	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	374.16	55.29
		For Stave Lumber Core (SLC), Add	*197.68*	
		For Structural Composite Lumber Core (SCLC), Add	*118.61*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.63*	
		For >50 To 100, Deduct	*-21.47*	
		For >100, Deduct	*-30.83*	
		For 9' Door Height, Add	*55.35*	
08 14 16 00-0681	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	394.46	57.80
		For Stave Lumber Core (SLC), Add	*209.14*	
		For Structural Composite Lumber Core (SCLC), Add	*125.48*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.46*	
		For >50 To 100, Deduct	*-22.61*	
		For >100, Deduct	*-32.47*	
		For 9' Door Height, Add	*58.56*	
08 14 16 00-0682	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	409.70	57.80
		For Stave Lumber Core (SLC), Add	*220.57*	
		For Structural Composite Lumber Core (SCLC), Add	*132.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.29*	
		For >50 To 100, Deduct	*-23.38*	
		For >100, Deduct	*-33.62*	
		For 9' Door Height, Add	*61.76*	
08 14 16 00-0683	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	412.52	57.80
		For Stave Lumber Core (SLC), Add	*222.68*	
		For Structural Composite Lumber Core (SCLC), Add	*133.61*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.63*	
		For >50 To 100, Deduct	*-23.52*	
		For >100, Deduct	*-33.83*	
		For 9' Door Height, Add	*62.35*	
08 14 16 00-0684	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	420.42	60.32
		For Stave Lumber Core (SLC), Add	*224.84*	
		For Structural Composite Lumber Core (SCLC), Add	*134.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.97*	
		For >50 To 100, Deduct	*-24.04*	
		For >100, Deduct	*-34.55*	
		For 9' Door Height, Add	*62.96*	
08 14 16 00-0685	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	453.43	60.32
		For Stave Lumber Core (SLC), Add	*249.60*	
		For Structural Composite Lumber Core (SCLC), Add	*149.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.94*	
		For >50 To 100, Deduct	*-25.69*	
		For >100, Deduct	*-37.02*	
		For 9' Door Height, Add	*69.89*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0686	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	518.79	62.83
		For Stave Lumber Core (SLC), Add	*294.85*	
		For Structural Composite Lumber Core (SCLC), Add	*176.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.18*	
		For >50 To 100, Deduct	*-29.08*	
		For >100, Deduct	*-42.05*	
		For 9' Door Height, Add	*82.56*	
08 14 16 00-0687	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	538.49	62.83
		For Stave Lumber Core (SLC), Add	*309.62*	
		For Structural Composite Lumber Core (SCLC), Add	*185.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.54*	
		For >50 To 100, Deduct	*-30.07*	
		For >100, Deduct	*-43.53*	
		For 9' Door Height, Add	*86.69*	
08 14 16 00-0688	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	577.78	62.83
		For Stave Lumber Core (SLC), Add	*339.09*	
		For Structural Composite Lumber Core (SCLC), Add	*203.45*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.25*	
		For >50 To 100, Deduct	*-32.03*	
		For >100, Deduct	*-46.48*	
		For 9' Door Height, Add	*94.95*	

08 14 16 00-0689 2-1/4" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

08 14 16 00-0690 Birch Faced Wood Doors *(08 14 16 00-0689)*

08 14 16 00-0691	EA	2'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	388.48	55.29
08 14 16 00-0692	EA	2'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	388.48	55.29
08 14 16 00-0693	EA	2'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	408.03	57.80
08 14 16 00-0694	EA	2'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	420.20	57.80
08 14 16 00-0695	EA	2'-10" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	428.37	57.80
08 14 16 00-0696	EA	3'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	441.46	60.32
08 14 16 00-0697	EA	3'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	476.75	60.32
08 14 16 00-0698	EA	3'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	558.02	62.83
08 14 16 00-0699	EA	3'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	579.67	62.83
08 14 16 00-0700	EA	4'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	632.93	67.86
08 14 16 00-0701	EA	2'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	404.65	55.29
08 14 16 00-0702	EA	2'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	404.65	55.29
08 14 16 00-0703	EA	2'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	425.04	57.80
08 14 16 00-0704	EA	2'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	437.94	57.80
08 14 16 00-0705	EA	2'-10" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	446.56	57.80
08 14 16 00-0706	EA	3'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	460.13	60.32
08 14 16 00-0707	EA	3'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	497.46	60.32
08 14 16 00-0708	EA	3'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	583.19	62.83
08 14 16 00-0709	EA	3'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	606.09	62.83
08 14 16 00-0710	EA	4'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	661.87	67.86
08 14 16 00-0711	EA	2'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	463.47	55.29
08 14 16 00-0712	EA	2'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	463.47	55.29
08 14 16 00-0713	EA	2'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	486.94	57.80
08 14 16 00-0714	EA	2'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	502.40	57.80
08 14 16 00-0715	EA	2'-10" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	512.75	57.80
08 14 16 00-0716	EA	3'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	528.01	60.32
08 14 16 00-0717	EA	3'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	572.84	60.32
08 14 16 00-0718	EA	3'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	674.71	62.83
08 14 16 00-0719	EA	3'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	702.18	62.83
08 14 16 00-0720	EA	4'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	767.10	67.86

08 14 16 00-0721 Oak Faced Wood Doors *(08 14 16 00-0689)*

08 14 16 00-0722	EA	2'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	527.45	55.29
08 14 16 00-0723	EA	2'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	527.45	55.29
08 14 16 00-0724	EA	2'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	532.47	57.80
08 14 16 00-0725	EA	2'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	536.80	57.80
08 14 16 00-0726	EA	2'-10" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	538.72	57.80
08 14 16 00-0727	EA	3'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	545.66	60.32
08 14 16 00-0728	EA	3'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	592.38	60.32
08 14 16 00-0729	EA	3'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	717.62	62.83
08 14 16 00-0730	EA	3'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	747.62	62.83
08 14 16 00-0731	EA	4'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	816.48	67.86
08 14 16 00-0732	EA	2'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	551.73	55.29
08 14 16 00-0733	EA	2'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	551.73	55.29
08 14 16 00-0734	EA	2'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	556.75	57.80
08 14 16 00-0735	EA	2'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	561.29	57.80
08 14 16 00-0736	EA	2'-10" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	563.34	57.80
08 14 16 00-0737	EA	3'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	570.41	60.32
08 14 16 00-0738	EA	3'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	619.82	60.32
08 14 16 00-0739	EA	3'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	752.07	62.83
08 14 16 00-0740	EA	3'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	783.81	62.83
08 14 16 00-0741	EA	4'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	856.09	67.86
08 14 16 00-0742	EA	2'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	639.95	55.29
08 14 16 00-0743	EA	2'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	639.95	55.29
08 14 16 00-0744	EA	2'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	644.97	57.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0745	EA	2'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	650.44	57.80
08 14 16 00-0746	EA	2'-10" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	652.88	57.80
08 14 16 00-0747	EA	3'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	660.36	60.32
08 14 16 00-0748	EA	3'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	719.67	60.32
08 14 16 00-0749	EA	3'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	877.34	62.83
08 14 16 00-0750	EA	3'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	915.45	62.83
08 14 16 00-0751	EA	4'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	1,000.15	67.86

08 14 16 00-0752 Maple Faced Wood Doors *(08 14 16 00-0689)*

08 14 16 00-0753	EA	2'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	610.84	55.29
08 14 16 00-0754	EA	2'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	610.84	55.29
08 14 16 00-0755	EA	2'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	615.86	57.80
08 14 16 00-0756	EA	2'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	621.05	57.80
08 14 16 00-0757	EA	2'-10" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	623.35	57.80
08 14 16 00-0758	EA	3'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	630.68	60.32
08 14 16 00-0759	EA	3'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	686.71	60.32
08 14 16 00-0760	EA	3'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	800.49	62.83
08 14 16 00-0761	EA	3'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	871.55	62.83
08 14 16 00-0762	EA	4'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	942.61	62.83
08 14 16 00-0763	EA	2'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	639.95	55.29
08 14 16 00-0764	EA	2'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	639.95	55.29
08 14 16 00-0765	EA	2'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	644.97	57.80
08 14 16 00-0766	EA	2'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	650.44	57.80
08 14 16 00-0767	EA	2'-10" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	652.88	57.80
08 14 16 00-0768	EA	3'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	660.36	60.32
08 14 16 00-0769	EA	3'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	719.67	60.32
08 14 16 00-0770	EA	3'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	839.78	62.83
08 14 16 00-0771	EA	3'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	915.61	62.83
08 14 16 00-0772	EA	4'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	990.13	62.83
08 14 16 00-0773	EA	2'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	745.81	55.29
08 14 16 00-0774	EA	2'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	745.81	55.29
08 14 16 00-0775	EA	2'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	750.83	57.80
08 14 16 00-0776	EA	2'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	757.39	57.80
08 14 16 00-0777	EA	2'-10" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	760.34	57.80
08 14 16 00-0778	EA	3'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	768.31	60.32
08 14 16 00-0779	EA	3'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	839.46	60.32
08 14 16 00-0780	EA	3'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	982.57	62.83
08 14 16 00-0781	EA	3'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	1,072.84	62.83
08 14 16 00-0782	EA	4'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	1,163.01	62.83

08 14 16 00-0783 Manufacturer Prefinished Options For Flush Wood Doors *(08 14 16)*

08 14 16 00-0784	EA	Two Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door Note: Includes (2) coats any standard manufacturer color on six sides.	70.90
		For Custom Color To Match Non Standard Manufacturer Finish, Add	*23.61*
08 14 16 00-0785	EA	Three Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door Note: Includes (3) coats any standard manufacturer color on six sides.	106.35
		For Custom Color To Match Non Standard Manufacturer Finish, Add	*23.61*

08 14 16 00-0786 Semicircular Head Door, 1-3/4" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

08 14 16 00-0787	EA	2' x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,715.10	44.24
08 14 16 00-0788	EA	2'-4" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,715.10	138.03
08 14 16 00-0789	EA	2'-6" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,715.10	44.24

08 14 23 Clad Wood Doors *(08 14)*

08 14 23 13 Metal-Faced Wood Doors *(08 14 23)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 14 23 13-0001 24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core *(08 14 23 13)*

08 14 23 13-0002	EA	2' 6" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	702.74	123.66
08 14 23 13-0003	EA	2' 8" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	750.06	135.72
08 14 23 13-0004	EA	2' 10" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	804.79	149.80
08 14 23 13-0005	EA	3'-0" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	841.34	154.81
08 14 23 13-0006	EA	3' 4" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	898.96	170.40
08 14 23 13-0007	EA	3' 8" x 7' x 1-3/4" Thick, Metal Clad Door, Solid Staved Wood Core, Flush Type Door	976.28	175.93

08 14 23 16 Plastic-Laminate-Faced Wood Doors *(08 14 23)*

08 14 23 16-0001 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors *(08 14 23 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	287.46	55.29
		For Structural Composite Lumber Core (SCLC), Add	*79.59*	
		For 5 Ply Construction, Add	*6.19*	
		For >50 To 100, Deduct	*-17.14*	
		For >100, Deduct	*-24.32*	
08 14 23 16-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	287.46	55.29
		For Structural Composite Lumber Core (SCLC), Add	*79.59*	
		For 5 Ply Construction, Add	*6.19*	
		For >50 To 100, Deduct	*-17.14*	
		For >100, Deduct	*-24.32*	
08 14 23 16-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	302.20	57.80
		For Structural Composite Lumber Core (SCLC), Add	*83.97*	
		For 5 Ply Construction, Add	*6.53*	
		For >50 To 100, Deduct	*-16.00*	
		For >100, Deduct	*-25.56*	
08 14 23 16-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	311.93	57.80
		For Structural Composite Lumber Core (SCLC), Add	*88.34*	
		For 5 Ply Construction, Add	*6.87*	
		For >50 To 100, Deduct	*-18.49*	
		For >100, Deduct	*-26.29*	
08 14 23 16-0006	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	316.84	57.80
		For Structural Composite Lumber Core (SCLC), Add	*90.55*	
		For 5 Ply Construction, Add	*7.04*	
		For >50 To 100, Deduct	*-18.73*	
		For >100, Deduct	*-26.65*	
08 14 23 16-0007	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	326.74	60.32
		For Structural Composite Lumber Core (SCLC), Add	*92.75*	
		For 5 Ply Construction, Add	*7.21*	
		For >50 To 100, Deduct	*-19.35*	
		For >100, Deduct	*-27.52*	
08 14 23 16-0008	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	349.41	60.32
		For Structural Composite Lumber Core (SCLC), Add	*102.95*	
		For 5 Ply Construction, Add	*8.01*	
		For >50 To 100, Deduct	*-20.49*	
		For >100, Deduct	*-29.22*	
08 14 23 16-0009	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	369.08	62.83
		For Structural Composite Lumber Core (SCLC), Add	*109.54*	
		For 5 Ply Construction, Add	*8.52*	
		For >50 To 100, Deduct	*-21.60*	
		For >100, Deduct	*-30.82*	
08 14 23 16-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	297.75	55.29
		For Structural Composite Lumber Core (SCLC), Add	*84.22*	
		For 5 Ply Construction, Add	*6.55*	
		For >50 To 100, Deduct	*-17.65*	
		For >100, Deduct	*-25.10*	
08 14 23 16-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	297.74	55.29
		For Structural Composite Lumber Core (SCLC), Add	*84.22*	
		For 5 Ply Construction, Add	*6.55*	
		For >50 To 100, Deduct	*-17.65*	
		For >100, Deduct	*-25.10*	
08 14 23 16-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	313.07	57.80
		For Structural Composite Lumber Core (SCLC), Add	*88.86*	
		For 5 Ply Construction, Add	*6.91*	
		For >50 To 100, Deduct	*-18.54*	
		For >100, Deduct	*-26.37*	
08 14 23 16-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	323.36	57.80
		For Structural Composite Lumber Core (SCLC), Add	*93.49*	
		For 5 Ply Construction, Add	*7.27*	
		For >50 To 100, Deduct	*-19.06*	
		For >100, Deduct	*-27.14*	
08 14 23 16-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	328.55	57.80
		For Structural Composite Lumber Core (SCLC), Add	*95.82*	
		For 5 Ply Construction, Add	*7.45*	
		For >50 To 100, Deduct	*-19.32*	
		For >100, Deduct	*-27.53*	
08 14 23 16-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	338.74	60.32
		For Structural Composite Lumber Core (SCLC), Add	*98.15*	
		For 5 Ply Construction, Add	*7.63*	
		For >50 To 100, Deduct	*-19.95*	
		For >100, Deduct	*-28.42*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	362.72	60.32
		For Structural Composite Lumber Core (SCLC), Add	*108.94*	
		For 5 Ply Construction, Add	*8.47*	
		For >50 To 100, Deduct	*-21.15*	
		For >100, Deduct	*-30.22*	
08 14 23 16-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	383.24	62.83
		For Structural Composite Lumber Core (SCLC), Add	*115.91*	
		For 5 Ply Construction, Add	*9.02*	
		For >50 To 100, Deduct	*-22.30*	
		For >100, Deduct	*-31.88*	
08 14 23 16-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	334.24	55.29
		For Structural Composite Lumber Core (SCLC), Add	*100.64*	
		For 5 Ply Construction, Add	*7.83*	
		For >50 To 100, Deduct	*-19.48*	
		For >100, Deduct	*-27.83*	
08 14 23 16-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	334.24	55.29
		For Structural Composite Lumber Core (SCLC), Add	*100.64*	
		For 5 Ply Construction, Add	*7.83*	
		For >50 To 100, Deduct	*-19.48*	
		For >100, Deduct	*-27.83*	
08 14 23 16-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	351.58	57.80
		For Structural Composite Lumber Core (SCLC), Add	*106.19*	
		For 5 Ply Construction, Add	*8.26*	
		For >50 To 100, Deduct	*-20.47*	
		For >100, Deduct	*-29.26*	
08 14 23 16-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	363.87	57.80
		For Structural Composite Lumber Core (SCLC), Add	*111.72*	
		For 5 Ply Construction, Add	*8.69*	
		For >50 To 100, Deduct	*-21.08*	
		For >100, Deduct	*-30.18*	
08 14 23 16-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	370.07	57.80
		For Structural Composite Lumber Core (SCLC), Add	*114.51*	
		For 5 Ply Construction, Add	*8.91*	
		For >50 To 100, Deduct	*-21.39*	
		For >100, Deduct	*-30.65*	
08 14 23 16-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	381.27	60.32
		For Structural Composite Lumber Core (SCLC), Add	*117.29*	
		For 5 Ply Construction, Add	*9.12*	
		For >50 To 100, Deduct	*-22.08*	
		For >100, Deduct	*-31.61*	
08 14 23 16-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	409.93	60.32
		For Structural Composite Lumber Core (SCLC), Add	*130.19*	
		For 5 Ply Construction, Add	*10.13*	
		For >50 To 100, Deduct	*-23.51*	
		For >100, Deduct	*-33.76*	
08 14 23 16-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	433.47	62.83
		For Structural Composite Lumber Core (SCLC), Add	*138.51*	
		For 5 Ply Construction, Add	*10.77*	
		For >50 To 100, Deduct	*-24.82*	
		For >100, Deduct	*-35.65*	

08 14 23 16-0026 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors *(08 14 23 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 16-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	411.92	55.29
		For 5 Ply Construction, Add	*10.55*	
		For Stave Lumber Core (SLC), Add	*226.00*	
		For Structural Composite Lumber Core (SCLC), Add	*135.60*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.16*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*162.72*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*226.00*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*361.60*	
		For >50 To 100, Deduct	*-23.36*	
		For >100, Deduct	*-33.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	411.90	55.29
		For 5 Ply Construction, Add	*10.55*	
		For Stave Lumber Core (SLC), Add	*225.98*	
		For Structural Composite Lumber Core (SCLC), Add	*135.59*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.16*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*162.71*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*225.98*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*361.57*	
		For >50 To 100, Deduct	*-23.36*	
		For >100, Deduct	*-33.66*	
08 14 23 16-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	426.35	57.80
		For 5 Ply Construction, Add	*10.88*	
		For Stave Lumber Core (SLC), Add	*233.06*	
		For Structural Composite Lumber Core (SCLC), Add	*139.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.29*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*167.80*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*233.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*372.89*	
		For >50 To 100, Deduct	*-24.21*	
		For >100, Deduct	*-34.87*	
08 14 23 16-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	426.35	57.80
		For 5 Ply Construction, Add	*10.88*	
		For Stave Lumber Core (SLC), Add	*233.06*	
		For Structural Composite Lumber Core (SCLC), Add	*139.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.29*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*167.80*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*233.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*372.89*	
		For >50 To 100, Deduct	*-24.21*	
		For >100, Deduct	*-34.87*	
08 14 23 16-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	445.01	57.80
		For 5 Ply Construction, Add	*11.53*	
		For Stave Lumber Core (SLC), Add	*247.05*	
		For Structural Composite Lumber Core (SCLC), Add	*148.23*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*177.88*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*247.05*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*395.28*	
		For >50 To 100, Deduct	*-25.14*	
		For >100, Deduct	*-36.27*	
08 14 23 16-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	468.69	60.32
		For 5 Ply Construction, Add	*12.18*	
		For Stave Lumber Core (SLC), Add	*261.05*	
		For Structural Composite Lumber Core (SCLC), Add	*156.63*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*187.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*261.05*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*417.67*	
		For >50 To 100, Deduct	*-26.45*	
		For >100, Deduct	*-38.17*	
08 14 23 16-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	487.77	60.32
		For 5 Ply Construction, Add	*12.85*	
		For Stave Lumber Core (SLC), Add	*275.36*	
		For Structural Composite Lumber Core (SCLC), Add	*165.21*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.06*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*198.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*275.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*440.57*	
		For >50 To 100, Deduct	*-27.40*	
		For >100, Deduct	*-39.60*	
08 14 23 16-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	502.33	62.83
		For 5 Ply Construction, Add	*13.18*	
		For Stave Lumber Core (SLC), Add	*282.50*	
		For Structural Composite Lumber Core (SCLC), Add	*169.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.20*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*203.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*282.50*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*452.00*	
		For >50 To 100, Deduct	*-28.26*	
		For >100, Deduct	*-40.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	521.15	62.83
		For 5 Ply Construction, Add	*13.84*	
		For Stave Lumber Core (SLC), Add	*296.62*	
		For Structural Composite Lumber Core (SCLC), Add	*177.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*213.56*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*296.62*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*474.59*	
		For >50 To 100, Deduct	*-29.20*	
		For >100, Deduct	*-42.23*	
08 14 23 16-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	568.88	67.86
		For 5 Ply Construction, Add	*15.16*	
		For Stave Lumber Core (SLC), Add	*324.87*	
		For Structural Composite Lumber Core (SCLC), Add	*194.92*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.98*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*233.91*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*324.87*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*519.79*	
		For >50 To 100, Deduct	*-31.84*	
		For >100, Deduct	*-46.06*	
08 14 23 16-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	429.46	55.29
		For 5 Ply Construction, Add	*11.16*	
		For Stave Lumber Core (SLC), Add	*239.15*	
		For Structural Composite Lumber Core (SCLC), Add	*143.49*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.26*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*172.19*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*239.15*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*382.64*	
		For >50 To 100, Deduct	*-24.24*	
		For >100, Deduct	*-34.97*	
08 14 23 16-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	429.44	55.29
		For 5 Ply Construction, Add	*11.16*	
		For Stave Lumber Core (SLC), Add	*239.14*	
		For Structural Composite Lumber Core (SCLC), Add	*143.48*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.26*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*172.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*239.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*382.62*	
		For >50 To 100, Deduct	*-24.24*	
		For >100, Deduct	*-34.97*	
08 14 23 16-0039	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	444.44	57.80
		For 5 Ply Construction, Add	*11.51*	
		For Stave Lumber Core (SLC), Add	*246.62*	
		For Structural Composite Lumber Core (SCLC), Add	*147.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*177.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*246.62*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*394.60*	
		For >50 To 100, Deduct	*-25.11*	
		For >100, Deduct	*-36.22*	
08 14 23 16-0040	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	444.44	57.80
		For 5 Ply Construction, Add	*11.51*	
		For Stave Lumber Core (SLC), Add	*246.62*	
		For Structural Composite Lumber Core (SCLC), Add	*147.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*177.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*246.62*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*394.60*	
		For >50 To 100, Deduct	*-25.11*	
		For >100, Deduct	*-36.22*	
08 14 23 16-0041	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	464.19	57.80
		For 5 Ply Construction, Add	*12.20*	
		For Stave Lumber Core (SLC), Add	*261.44*	
		For Structural Composite Lumber Core (SCLC), Add	*156.86*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.83*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*188.23*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*261.44*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*418.30*	
		For >50 To 100, Deduct	*-26.10*	
		For >100, Deduct	*-37.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0042	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	488.96	60.32
		For 5 Ply Construction, Add	*12.89*	
		For Stave Lumber Core (SLC), Add	*276.25*	
		For Structural Composite Lumber Core (SCLC), Add	*165.75*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.20*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*198.90*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*276.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*442.00*	
		For >50 To 100, Deduct	*-27.46*	
		For >100, Deduct	*-39.69*	
08 14 23 16-0043	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	509.13	60.32
		For 5 Ply Construction, Add	*13.60*	
		For Stave Lumber Core (SLC), Add	*291.38*	
		For Structural Composite Lumber Core (SCLC), Add	*174.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*209.79*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*291.38*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*466.20*	
		For >50 To 100, Deduct	*-28.47*	
		For >100, Deduct	*-41.20*	
08 14 23 16-0044	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	524.24	62.83
		For 5 Ply Construction, Add	*13.95*	
		For Stave Lumber Core (SLC), Add	*298.94*	
		For Structural Composite Lumber Core (SCLC), Add	*179.36*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.83*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*215.23*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*298.94*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*478.30*	
		For >50 To 100, Deduct	*-29.35*	
		For >100, Deduct	*-42.46*	
08 14 23 16-0045	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	544.16	62.83
		For 5 Ply Construction, Add	*14.65*	
		For Stave Lumber Core (SLC), Add	*313.88*	
		For Structural Composite Lumber Core (SCLC), Add	*188.33*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.22*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*225.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*313.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*502.20*	
		For >50 To 100, Deduct	*-30.35*	
		For >100, Deduct	*-43.95*	
08 14 23 16-0046	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	594.09	67.86
		For 5 Ply Construction, Add	*16.04*	
		For Stave Lumber Core (SLC), Add	*343.78*	
		For Structural Composite Lumber Core (SCLC), Add	*206.27*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*247.52*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*343.78*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*550.04*	
		For >50 To 100, Deduct	*-33.10*	
		For >100, Deduct	*-47.95*	
08 14 23 16-0047	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	491.64	55.29
		For 5 Ply Construction, Add	*13.34*	
		For Stave Lumber Core (SLC), Add	*285.79*	
		For Structural Composite Lumber Core (SCLC), Add	*171.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.73*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*205.77*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*285.79*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*457.26*	
		For >50 To 100, Deduct	*-27.35*	
		For >100, Deduct	*-39.64*	
08 14 23 16-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	491.62	55.29
		For 5 Ply Construction, Add	*13.34*	
		For Stave Lumber Core (SLC), Add	*285.77*	
		For Structural Composite Lumber Core (SCLC), Add	*171.46*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*205.76*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*285.77*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*457.24*	
		For >50 To 100, Deduct	*-27.35*	
		For >100, Deduct	*-39.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	508.56	57.80
		For 5 Ply Construction, Add	*13.75*	
		For Stave Lumber Core (SLC), Add	*294.71*	
		For Structural Composite Lumber Core (SCLC), Add	*176.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*212.19*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.71*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*471.54*	
		For >50 To 100, Deduct	*-28.32*	
		For >100, Deduct	*-41.03*	
08 14 23 16-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	508.56	57.80
		For 5 Ply Construction, Add	*13.75*	
		For Stave Lumber Core (SLC), Add	*294.71*	
		For Structural Composite Lumber Core (SCLC), Add	*176.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*212.19*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.71*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*471.54*	
		For >50 To 100, Deduct	*-28.32*	
		For >100, Deduct	*-41.03*	
08 14 23 16-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	532.15	57.80
		For 5 Ply Construction, Add	*14.58*	
		For Stave Lumber Core (SLC), Add	*312.41*	
		For Structural Composite Lumber Core (SCLC), Add	*187.44*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.98*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*224.93*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*312.41*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*499.85*	
		For >50 To 100, Deduct	*-29.50*	
		For >100, Deduct	*-42.80*	
08 14 23 16-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	560.78	60.32
		For 5 Ply Construction, Add	*15.41*	
		For Stave Lumber Core (SLC), Add	*330.11*	
		For Structural Composite Lumber Core (SCLC), Add	*198.07*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*237.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*330.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*528.18*	
		For >50 To 100, Deduct	*-31.05*	
		For >100, Deduct	*-45.07*	
08 14 23 16-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	584.88	60.32
		For 5 Ply Construction, Add	*16.25*	
		For Stave Lumber Core (SLC), Add	*348.19*	
		For Structural Composite Lumber Core (SCLC), Add	*208.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.71*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*250.70*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*348.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*557.10*	
		For >50 To 100, Deduct	*-32.26*	
		For >100, Deduct	*-46.88*	
08 14 23 16-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	601.96	62.83
		For 5 Ply Construction, Add	*16.67*	
		For Stave Lumber Core (SLC), Add	*357.23*	
		For Structural Composite Lumber Core (SCLC), Add	*214.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*57.16*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*257.20*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*357.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*571.56*	
		For >50 To 100, Deduct	*-33.24*	
		For >100, Deduct	*-48.29*	
08 14 23 16-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	625.77	62.83
		For 5 Ply Construction, Add	*17.50*	
		For Stave Lumber Core (SLC), Add	*375.08*	
		For Structural Composite Lumber Core (SCLC), Add	*225.05*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*60.01*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*270.06*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*375.08*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*600.13*	
		For >50 To 100, Deduct	*-34.43*	
		For >100, Deduct	*-50.07*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	683.47	67.86
		For 5 Ply Construction, Add	*19.17*	
		For Stave Lumber Core (SLC), Add	*410.81*	
		For Structural Composite Lumber Core (SCLC), Add	*246.49*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*65.73*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*295.79*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*410.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*657.30*	
		For >50 To 100, Deduct	*-37.57*	
		For >100, Deduct	*-54.65*	

08 14 23 19 Molded-Hardboard-Faced Wood Doors *(08 14 23)*

08 14 23 19-0001 1-3/8" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

08 14 23 19-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	229.55	55.29
		For >50 To 100, Deduct	*-14.24*	
		For >100, Deduct	*-19.98*	
08 14 23 19-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	229.55	55.29
		For >50 To 100, Deduct	*-14.24*	
		For >100, Deduct	*-19.98*	
08 14 23 19-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	243.25	57.80
		For >50 To 100, Deduct	*-15.05*	
		For >100, Deduct	*-21.13*	
08 14 23 19-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	247.38	57.80
		For >50 To 100, Deduct	*-15.26*	
		For >100, Deduct	*-21.44*	
08 14 23 19-0006	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	251.48	57.80
		For >50 To 100, Deduct	*-15.46*	
		For >100, Deduct	*-21.75*	
08 14 23 19-0007	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	260.63	60.32
		For >50 To 100, Deduct	*-16.05*	
		For >100, Deduct	*-22.56*	
08 14 23 19-0008	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	276.00	60.32
		For >50 To 100, Deduct	*-16.82*	
		For >100, Deduct	*-23.72*	
08 14 23 19-0009	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	290.99	62.83
		For >50 To 100, Deduct	*-17.69*	
		For >100, Deduct	*-24.97*	
08 14 23 19-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	236.47	55.29
		For >50 To 100, Deduct	*-14.59*	
		For >100, Deduct	*-20.50*	
08 14 23 19-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	236.47	55.29
		For >50 To 100, Deduct	*-14.59*	
		For >100, Deduct	*-20.50*	
08 14 23 19-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	250.68	57.80
		For >50 To 100, Deduct	*-15.42*	
		For >100, Deduct	*-21.69*	
08 14 23 19-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	255.03	57.80
		For >50 To 100, Deduct	*-15.64*	
		For >100, Deduct	*-22.02*	
08 14 23 19-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	259.39	57.80
		For >50 To 100, Deduct	*-15.86*	
		For >100, Deduct	*-22.34*	
08 14 23 19-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	268.76	60.32
		For >50 To 100, Deduct	*-16.45*	
		For >100, Deduct	*-23.17*	
08 14 23 19-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	285.03	60.32
		For >50 To 100, Deduct	*-17.27*	
		For >100, Deduct	*-24.39*	
08 14 23 19-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	300.60	62.83
		For >50 To 100, Deduct	*-18.17*	
		For >100, Deduct	*-25.69*	
08 14 23 19-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	261.03	55.29
		For >50 To 100, Deduct	*-15.82*	
		For >100, Deduct	*-22.34*	
08 14 23 19-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	261.03	55.29
		For >50 To 100, Deduct	*-15.82*	
		For >100, Deduct	*-22.34*	
08 14 23 19-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	277.03	57.80
		For >50 To 100, Deduct	*-16.74*	
		For >100, Deduct	*-23.67*	
08 14 23 19-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	282.22	57.80
		For >50 To 100, Deduct	*-17.00*	
		For >100, Deduct	*-24.06*	
08 14 23 19-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	287.44	57.80
		For >50 To 100, Deduct	*-17.26*	
		For >100, Deduct	*-24.45*	
08 14 23 19-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	297.65	60.32
		For >50 To 100, Deduct	*-17.90*	
		For >100, Deduct	*-25.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	317.09	60.32
		For >50 To 100, Deduct	*-18.87*	
		For >100, Deduct	*-26.80*	
08 14 23 19-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	334.70	62.83
		For >50 To 100, Deduct	*-19.88*	
		For >100, Deduct	*-28.24*	

08 14 23 19-0026 1-3/4" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

08 14 23 19-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	258.82	55.29
		For >50 To 100, Deduct	*-15.71*	
		For >100, Deduct	*-22.18*	
08 14 23 19-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	258.82	55.29
		For >50 To 100, Deduct	*-15.71*	
		For >100, Deduct	*-22.18*	
08 14 23 19-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	267.94	57.80
		For >50 To 100, Deduct	*-16.29*	
		For >100, Deduct	*-22.99*	
08 14 23 19-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	276.20	57.80
		For >50 To 100, Deduct	*-16.70*	
		For >100, Deduct	*-23.61*	
08 14 23 19-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	280.33	57.80
		For >50 To 100, Deduct	*-16.91*	
		For >100, Deduct	*-23.92*	
08 14 23 19-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	289.42	60.32
		For >50 To 100, Deduct	*-17.49*	
		For >100, Deduct	*-24.72*	
08 14 23 19-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	298.83	60.32
		For >50 To 100, Deduct	*-17.96*	
		For >100, Deduct	*-25.43*	
08 14 23 19-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	334.48	62.83
		For >50 To 100, Deduct	*-19.87*	
		For >100, Deduct	*-28.23*	
08 14 23 19-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	344.91	62.83
		For >50 To 100, Deduct	*-20.39*	
		For >100, Deduct	*-29.01*	
08 14 23 19-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	365.82	62.83
		For >50 To 100, Deduct	*-21.43*	
		For >100, Deduct	*-30.58*	
08 14 23 19-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	267.43	55.29
		For >50 To 100, Deduct	*-16.14*	
		For >100, Deduct	*-22.82*	
08 14 23 19-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	267.43	55.29
		For >50 To 100, Deduct	*-16.14*	
		For >100, Deduct	*-22.82*	
08 14 23 19-0039	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	276.81	57.80
		For >50 To 100, Deduct	*-16.73*	
		For >100, Deduct	*-23.65*	
08 14 23 19-0040	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	285.55	57.80
		For >50 To 100, Deduct	*-17.17*	
		For >100, Deduct	*-24.31*	
08 14 23 19-0041	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	289.91	57.80
		For >50 To 100, Deduct	*-17.39*	
		For >100, Deduct	*-24.63*	
08 14 23 19-0042	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	299.25	60.32
		For >50 To 100, Deduct	*-17.98*	
		For >100, Deduct	*-25.46*	
08 14 23 19-0043	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	309.21	60.32
		For >50 To 100, Deduct	*-18.48*	
		For >100, Deduct	*-26.21*	
08 14 23 19-0044	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	346.64	62.83
		For >50 To 100, Deduct	*-20.47*	
		For >100, Deduct	*-29.14*	
08 14 23 19-0045	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	357.69	62.83
		For >50 To 100, Deduct	*-21.03*	
		For >100, Deduct	*-29.97*	
08 14 23 19-0046	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	379.79	62.83
		For >50 To 100, Deduct	*-22.13*	
		For >100, Deduct	*-31.63*	
08 14 23 19-0047	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	298.01	55.29
		For >50 To 100, Deduct	*-17.67*	
		For >100, Deduct	*-25.12*	
08 14 23 19-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	298.01	55.29
		For >50 To 100, Deduct	*-17.67*	
		For >100, Deduct	*-25.12*	
08 14 23 19-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	308.25	57.80
		For >50 To 100, Deduct	*-18.30*	
		For >100, Deduct	*-26.01*	
08 14 23 19-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	318.69	57.80
		For >50 To 100, Deduct	*-18.82*	
		For >100, Deduct	*-26.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	323.88	57.80
		For >50 To 100, Deduct	*-19.08*	
		For >100, Deduct	*-27.18*	
08 14 23 19-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	334.09	60.32
		For >50 To 100, Deduct	*-19.72*	
		For >100, Deduct	*-28.07*	
08 14 23 19-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	345.97	60.32
		For >50 To 100, Deduct	*-20.31*	
		For >100, Deduct	*-28.96*	
08 14 23 19-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	389.75	62.83
		For >50 To 100, Deduct	*-22.63*	
		For >100, Deduct	*-32.37*	
08 14 23 19-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	402.94	62.83
		For >50 To 100, Deduct	*-23.29*	
		For >100, Deduct	*-33.36*	
08 14 23 19-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	429.36	62.83
		For >50 To 100, Deduct	*-24.61*	
		For >100, Deduct	*-35.34*	

08 14 23 19-0057 1-3/8" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 19-0058	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	276.46	55.29
		For >50 To 100, Deduct	*-16.59*	
		For >100, Deduct	*-23.50*	
08 14 23 19-0059	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	276.46	55.29
		For >50 To 100, Deduct	*-16.59*	
		For >100, Deduct	*-23.50*	
08 14 23 19-0060	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	291.12	57.80
		For >50 To 100, Deduct	*-17.45*	
		For >100, Deduct	*-24.72*	
08 14 23 19-0061	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	300.73	57.80
		For >50 To 100, Deduct	*-17.93*	
		For >100, Deduct	*-25.45*	
08 14 23 19-0062	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	302.49	57.80
		For >50 To 100, Deduct	*-18.01*	
		For >100, Deduct	*-25.58*	
08 14 23 19-0063	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	309.30	60.32
		For >50 To 100, Deduct	*-18.48*	
		For >100, Deduct	*-26.21*	
08 14 23 19-0064	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	330.12	60.32
		For >50 To 100, Deduct	*-19.52*	
		For >100, Deduct	*-27.77*	
08 14 23 19-0065	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	373.09	62.83
		For >50 To 100, Deduct	*-21.80*	
		For >100, Deduct	*-31.12*	
08 14 23 19-0066	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	286.13	55.29
		For >50 To 100, Deduct	*-17.07*	
		For >100, Deduct	*-24.22*	
08 14 23 19-0067	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	286.13	55.29
		For >50 To 100, Deduct	*-17.07*	
		For >100, Deduct	*-24.22*	
08 14 23 19-0068	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	301.34	57.80
		For >50 To 100, Deduct	*-17.96*	
		For >100, Deduct	*-25.49*	
08 14 23 19-0069	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	311.49	57.80
		For >50 To 100, Deduct	*-18.46*	
		For >100, Deduct	*-26.25*	
08 14 23 19-0070	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	313.38	57.80
		For >50 To 100, Deduct	*-18.56*	
		For >100, Deduct	*-26.39*	
08 14 23 19-0071	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	320.29	60.32
		For >50 To 100, Deduct	*-19.03*	
		For >100, Deduct	*-27.04*	
08 14 23 19-0072	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	342.32	60.32
		For >50 To 100, Deduct	*-20.13*	
		For >100, Deduct	*-28.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0073	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	387.50	62.83
		For >50 To 100, Deduct	*-22.52*	
		For >100, Deduct	*-32.20*	
08 14 23 19-0074	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	320.37	55.29
		For >50 To 100, Deduct	*-18.78*	
		For >100, Deduct	*-26.79*	
08 14 23 19-0075	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	320.37	55.29
		For >50 To 100, Deduct	*-18.78*	
		For >100, Deduct	*-26.79*	
08 14 23 19-0076	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	337.55	57.80
		For >50 To 100, Deduct	*-19.77*	
		For >100, Deduct	*-28.21*	
08 14 23 19-0077	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	349.69	57.80
		For >50 To 100, Deduct	*-20.37*	
		For >100, Deduct	*-29.12*	
08 14 23 19-0078	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	351.93	57.80
		For >50 To 100, Deduct	*-20.49*	
		For >100, Deduct	*-29.29*	
08 14 23 19-0079	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	359.23	60.32
		For >50 To 100, Deduct	*-20.98*	
		For >100, Deduct	*-29.96*	
08 14 23 19-0080	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	385.55	60.32
		For >50 To 100, Deduct	*-22.29*	
		For >100, Deduct	*-31.93*	
08 14 23 19-0081	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	438.58	62.83
		For >50 To 100, Deduct	*-25.07*	
		For >100, Deduct	*-36.04*	

08 14 23 19-0082 1-3/4" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 19-0083	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	319.02	55.29
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.01*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*112.55*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*156.32*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*250.12*	
		For >50 To 100, Deduct	*-18.72*	
		For >100, Deduct	*-26.69*	
08 14 23 19-0084	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	319.02	55.29
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.01*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*112.55*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*156.32*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*250.12*	
		For >50 To 100, Deduct	*-18.72*	
		For >100, Deduct	*-26.69*	
08 14 23 19-0085	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	336.11	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*119.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*165.38*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*264.60*	
		For >50 To 100, Deduct	*-19.70*	
		For >100, Deduct	*-28.10*	
08 14 23 19-0086	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	348.15	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*125.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*174.41*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*279.05*	
		For >50 To 100, Deduct	*-20.30*	
		For >100, Deduct	*-29.00*	
08 14 23 19-0087	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	350.40	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*126.79*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*176.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*281.75*	
		For >50 To 100, Deduct	*-20.41*	
		For >100, Deduct	*-29.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0088	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	357.69	60.32
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.45*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*128.01*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*177.80*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*284.47*	
		For >50 To 100, Deduct	*-20.90*	
		For >100, Deduct	*-29.84*	
08 14 23 19-0089	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	383.82	60.32
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.58*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*142.12*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*197.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*315.83*	
		For >50 To 100, Deduct	*-22.21*	
		For >100, Deduct	*-31.80*	
08 14 23 19-0090	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	436.56	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.31*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*167.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*233.18*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*373.08*	
		For >50 To 100, Deduct	*-24.97*	
		For >100, Deduct	*-35.88*	
08 14 23 19-0091	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	452.12	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.18*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*176.29*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*244.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*391.75*	
		For >50 To 100, Deduct	*-25.75*	
		For >100, Deduct	*-37.05*	
08 14 23 19-0092	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	483.19	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*193.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*268.15*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*429.04*	
		For >50 To 100, Deduct	*-27.30*	
		For >100, Deduct	*-39.38*	
08 14 23 19-0093	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	331.16	55.29
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.47*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*119.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*165.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*264.68*	
		For >50 To 100, Deduct	*-19.32*	
		For >100, Deduct	*-27.60*	
08 14 23 19-0094	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	331.16	55.29
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.47*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*119.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*165.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*264.68*	
		For >50 To 100, Deduct	*-19.32*	
		For >100, Deduct	*-27.60*	
08 14 23 19-0095	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	348.95	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*126.00*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*175.01*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*280.01*	
		For >50 To 100, Deduct	*-20.34*	
		For >100, Deduct	*-29.06*	
08 14 23 19-0096	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	361.70	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*132.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*184.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*295.31*	
		For >50 To 100, Deduct	*-20.98*	
		For >100, Deduct	*-30.02*	
08 14 23 19-0097	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	364.07	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*134.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*186.35*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*298.15*	
		For >50 To 100, Deduct	*-21.09*	
		For >100, Deduct	*-30.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0098	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	371.49	60.32
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.10*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*135.46*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*188.15*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*301.03*	
		For >50 To 100, Deduct	*-21.59*	
		For >100, Deduct	*-30.88*	
08 14 23 19-0099	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	399.13	60.32
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*150.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*208.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*334.20*	
		For >50 To 100, Deduct	*-22.97*	
		For >100, Deduct	*-32.95*	
08 14 23 19-0100	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	454.65	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.48*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*177.65*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*246.74*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*394.79*	
		For >50 To 100, Deduct	*-25.87*	
		For >100, Deduct	*-37.24*	
08 14 23 19-0101	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	471.11	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.45*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*186.54*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*259.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*414.54*	
		For >50 To 100, Deduct	*-26.70*	
		For >100, Deduct	*-38.47*	
08 14 23 19-0102	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	504.00	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.40*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*204.30*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*283.76*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*454.01*	
		For >50 To 100, Deduct	*-28.34*	
		For >100, Deduct	*-40.94*	
08 14 23 19-0103	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	374.16	55.29
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.63*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*142.33*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*197.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*316.28*	
		For >50 To 100, Deduct	*-21.47*	
		For >100, Deduct	*-30.83*	
08 14 23 19-0104	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	374.16	55.29
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.63*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*142.33*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*197.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*316.28*	
		For >50 To 100, Deduct	*-21.47*	
		For >100, Deduct	*-30.83*	
08 14 23 19-0105	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	394.46	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*150.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*209.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*334.62*	
		For >50 To 100, Deduct	*-22.61*	
		For >100, Deduct	*-32.47*	
08 14 23 19-0106	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	409.70	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.29*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*158.81*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*220.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*352.91*	
		For >50 To 100, Deduct	*-23.38*	
		For >100, Deduct	*-33.62*	
08 14 23 19-0107	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	412.52	57.80
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.63*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*160.33*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*222.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*356.29*	
		For >50 To 100, Deduct	*-23.52*	
		For >100, Deduct	*-33.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0108	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	420.42	60.32
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.97*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*161.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*224.84*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*359.75*	
		For >50 To 100, Deduct	*-24.04*	
		For >100, Deduct	*-34.55*	
08 14 23 19-0109	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	453.43	60.32
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*179.71*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*249.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*399.36*	
		For >50 To 100, Deduct	*-25.69*	
		For >100, Deduct	*-37.02*	
08 14 23 19-0110	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	518.79	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.18*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*212.29*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*471.76*	
		For >50 To 100, Deduct	*-29.08*	
		For >100, Deduct	*-42.05*	
08 14 23 19-0111	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	538.49	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*222.93*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*309.62*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*495.40*	
		For >50 To 100, Deduct	*-30.07*	
		For >100, Deduct	*-43.53*	
08 14 23 19-0112	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	577.78	62.83
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*244.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*339.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*542.54*	
		For >50 To 100, Deduct	*-32.03*	
		For >100, Deduct	*-46.48*	

08 14 66 Wood Screen Doors *(08 14)*

08 14 66 00-0001 Wood Screen Storm Door, Residential Grade *(08 14 66)*

Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 14 66 00-0002	EA	2'-8" x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	517.44	144.77
08 14 66 00-0003	EA	3' x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	539.78	160.85
08 14 66 00-0004	EA	2'-8" x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	517.44	144.77
08 14 66 00-0005	EA	3' x 7' x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	539.78	160.85

08 14 73 Sliding Wood Doors *(08 14)*

08 14 73 00-0001 Sliding Pocket Door *(08 14 73)*

Note: Includes unfinished door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0055 for accessories to be added.

08 14 73 00-0002 Birch Faced Pocket Door *(08 14 73 00-0001)*

Note: Includes door, frame and trim, and all mounting and door hardware.

08 14 73 00-0003 1-3/8" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0002)*

See CSI section 08 14 73 00-0055 for all jambs and track hardware.

08 14 73 00-0004 6'-8" High, 1-3/8" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0003)*

08 14 73 00-0005	EA	2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	598.72	35.19
		For Oak, Add	*145.83*	
		For Ash/Hickory, Add	*212.40*	
		For Walnut, Add	*309.62*	
		For Cherry, Add	*503.53*	
08 14 73 00-0006	EA	2'-4" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	616.56	37.70
		For Oak, Add	*149.36*	
		For Ash/Hickory, Add	*217.55*	
		For Walnut, Add	*317.13*	
		For Cherry, Add	*515.74*	
08 14 73 00-0007	EA	2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	637.57	40.21
		For Oak, Add	*153.78*	
		For Ash/Hickory, Add	*223.99*	
		For Walnut, Add	*326.51*	
		For Cherry, Add	*530.99*	
08 14 73 00-0008	EA	2'-8" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	652.21	42.73
		For Oak, Add	*156.43*	
		For Ash/Hickory, Add	*227.85*	
		For Walnut, Add	*332.14*	
		For Cherry, Add	*540.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0009	EA	2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	673.27	45.24
		For Oak, Add	*160.85*	
		For Ash/Hickory, Add	*234.29*	
		For Walnut, Add	*341.52*	
		For Cherry, Add	*555.41*	
08 14 73 00-0010	EA	3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	691.10	47.76
		For Oak, Add	*164.39*	
		For Ash/Hickory, Add	*239.44*	
		For Walnut, Add	*349.03*	
		For Cherry, Add	*567.62*	
08 14 73 00-0011	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,182.39	62.83
		For Oak, Add	*291.66*	
		For Ash/Hickory, Add	*424.81*	
		For Walnut, Add	*619.24*	
		For Cherry, Add	*1,007.06*	
08 14 73 00-0012	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,250.08	67.86
		For Oak, Add	*307.57*	
		For Ash/Hickory, Add	*447.98*	
		For Walnut, Add	*653.02*	
		For Cherry, Add	*1,061.99*	
08 14 73 00-0013	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,337.00	72.89
		For Oak, Add	*328.78*	
		For Ash/Hickory, Add	*478.87*	
		For Walnut, Add	*698.05*	
		For Cherry, Add	*1,135.23*	

08 14 73 00-0014 7' High, 1-3/8" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0003)*

08 14 73 00-0015	EA	2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	710.80	35.19
		For Oak, Add	*149.86*	
		For Ash/Hickory, Add	*149.86*	
		For Walnut, Add	*246.57*	
		For Cherry, Add	*463.04*	
08 14 73 00-0016	EA	2'-4" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	744.65	37.70
		For Oak, Add	*156.61*	
		For Ash/Hickory, Add	*156.61*	
		For Walnut, Add	*257.67*	
		For Cherry, Add	*483.87*	
08 14 73 00-0017	EA	2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	768.86	40.21
		For Oak, Add	*161.10*	
		For Ash/Hickory, Add	*161.10*	
		For Walnut, Add	*265.06*	
		For Cherry, Add	*497.76*	
08 14 73 00-0018	EA	2'-8" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	789.90	42.73
		For Oak, Add	*164.85*	
		For Ash/Hickory, Add	*164.85*	
		For Walnut, Add	*271.22*	
		For Cherry, Add	*509.34*	
08 14 73 00-0019	EA	2'-10" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	807.76	45.24
		For Oak, Add	*167.85*	
		For Ash/Hickory, Add	*167.85*	
		For Walnut, Add	*276.16*	
		For Cherry, Add	*518.60*	
08 14 73 00-0020	EA	3'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	832.00	47.76
		For Oak, Add	*172.34*	
		For Ash/Hickory, Add	*172.34*	
		For Walnut, Add	*283.56*	
		For Cherry, Add	*532.50*	
08 14 73 00-0021	EA	4' Wide, Two 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,406.54	62.83
		For Oak, Add	*299.73*	
		For Ash/Hickory, Add	*299.73*	
		For Walnut, Add	*493.14*	
		For Cherry, Add	*926.08*	
08 14 73 00-0022	EA	5' Wide, Two 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,512.66	67.86
		For Oak, Add	*322.21*	
		For Ash/Hickory, Add	*322.21*	
		For Walnut, Add	*530.13*	
		For Cherry, Add	*995.53*	
08 14 73 00-0023	EA	6' Wide, Two 3' x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,618.79	72.89
		For Oak, Add	*344.68*	
		For Ash/Hickory, Add	*344.68*	
		For Walnut, Add	*567.11*	
		For Cherry, Add	*1,064.99*	

08 14 73 00-0024 1-3/4" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0002)*

See CSI section 08 14 73 00-0055 for all jambs and track hardware.

08 14 73 00-0025 6'-8" High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0026	EA	2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	902.93	35.19
		For Oak, Add	*194.82*	
		For Ash/Hickory, Add	*194.82*	
		For Walnut, Add	*320.54*	
		For Cherry, Add	*601.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0027	EA	2'-4" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	946.39	37.70
		For Oak, Add	*203.81*	
		For Ash/Hickory, Add	*203.81*	
		For Walnut, Add	*335.34*	
		For Cherry, Add	*629.73*	
08 14 73 00-0028	EA	2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	970.60	40.21
		For Oak, Add	*208.31*	
		For Ash/Hickory, Add	*208.31*	
		For Walnut, Add	*342.73*	
		For Cherry, Add	*643.62*	
08 14 73 00-0029	EA	2'-8" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	998.05	42.73
		For Oak, Add	*213.56*	
		For Ash/Hickory, Add	*213.56*	
		For Walnut, Add	*351.36*	
		For Cherry, Add	*659.83*	
08 14 73 00-0030	EA	2'-10" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,022.31	45.24
		For Oak, Add	*218.05*	
		For Ash/Hickory, Add	*218.05*	
		For Walnut, Add	*358.76*	
		For Cherry, Add	*673.72*	
08 14 73 00-0031	EA	3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,046.54	47.76
		For Oak, Add	*222.55*	
		For Ash/Hickory, Add	*222.55*	
		For Walnut, Add	*366.15*	
		For Cherry, Add	*687.61*	
08 14 73 00-0032	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,790.80	62.83
		For Oak, Add	*389.64*	
		For Ash/Hickory, Add	*389.64*	
		For Walnut, Add	*641.08*	
		For Cherry, Add	*1,203.90*	
08 14 73 00-0033	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,916.13	67.86
		For Oak, Add	*416.62*	
		For Ash/Hickory, Add	*416.62*	
		For Walnut, Add	*685.46*	
		For Cherry, Add	*1,287.24*	
08 14 73 00-0034	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	2,047.89	72.89
		For Oak, Add	*445.09*	
		For Ash/Hickory, Add	*445.09*	
		For Walnut, Add	*732.31*	
		For Cherry, Add	*1,375.23*	
08 14 73 00-0035		7' High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*		
08 14 73 00-0036	EA	2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	966.98	35.19
		For Oak, Add	*209.81*	
		For Ash/Hickory, Add	*209.81*	
		For Walnut, Add	*345.20*	
		For Cherry, Add	*648.26*	
08 14 73 00-0037	EA	2'-4" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,016.84	37.70
		For Oak, Add	*220.30*	
		For Ash/Hickory, Add	*220.30*	
		For Walnut, Add	*362.46*	
		For Cherry, Add	*680.67*	
08 14 73 00-0038	EA	2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,044.25	40.21
		For Oak, Add	*225.54*	
		For Ash/Hickory, Add	*225.54*	
		For Walnut, Add	*371.09*	
		For Cherry, Add	*696.87*	
08 14 73 00-0039	EA	2'-8" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,071.70	42.73
		For Oak, Add	*230.79*	
		For Ash/Hickory, Add	*230.79*	
		For Walnut, Add	*379.72*	
		For Cherry, Add	*713.08*	
08 14 73 00-0040	EA	2'-10" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,095.96	45.24
		For Oak, Add	*235.28*	
		For Ash/Hickory, Add	*235.28*	
		For Walnut, Add	*387.11*	
		For Cherry, Add	*726.97*	
08 14 73 00-0041	EA	3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,123.40	47.76
		For Oak, Add	*240.53*	
		For Ash/Hickory, Add	*240.53*	
		For Walnut, Add	*395.75*	
		For Cherry, Add	*743.18*	
08 14 73 00-0042	EA	4' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,918.89	62.83
		For Oak, Add	*419.62*	
		For Ash/Hickory, Add	*419.62*	
		For Walnut, Add	*690.39*	
		For Cherry, Add	*1,296.51*	
08 14 73 00-0043	EA	5' Wide, Two 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	2,063.43	67.86
		For Oak, Add	*451.09*	
		For Ash/Hickory, Add	*451.09*	
		For Walnut, Add	*742.17*	
		For Cherry, Add	*1,393.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0044	EA	6' Wide, Two 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	2,201.59	72.89
		For Oak, Add	*481.06*	
		For Ash/Hickory, Add	*481.06*	
		For Walnut, Add	*791.49*	
		For Cherry, Add	*1,486.35*	

08 14 73 00-0045 8' High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0046	EA	2'-0" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,031.02	35.19
		For Oak, Add	*224.79*	
		For Ash/Hickory, Add	*224.79*	
		For Walnut, Add	*369.85*	
		For Cherry, Add	*694.56*	
08 14 73 00-0047	EA	2'-4" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,080.88	37.70
		For Oak, Add	*235.28*	
		For Ash/Hickory, Add	*235.28*	
		For Walnut, Add	*387.11*	
		For Cherry, Add	*726.97*	
08 14 73 00-0048	EA	2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,111.50	40.21
		For Oak, Add	*241.28*	
		For Ash/Hickory, Add	*241.28*	
		For Walnut, Add	*396.98*	
		For Cherry, Add	*745.49*	
08 14 73 00-0049	EA	2'-8" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,142.15	42.73
		For Oak, Add	*247.27*	
		For Ash/Hickory, Add	*247.27*	
		For Walnut, Add	*406.84*	
		For Cherry, Add	*764.02*	
08 14 73 00-0050	EA	2'-10" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,166.41	45.24
		For Oak, Add	*251.77*	
		For Ash/Hickory, Add	*251.77*	
		For Walnut, Add	*414.24*	
		For Cherry, Add	*777.90*	
08 14 73 00-0051	EA	3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,197.05	47.76
		For Oak, Add	*257.77*	
		For Ash/Hickory, Add	*257.77*	
		For Walnut, Add	*424.10*	
		For Cherry, Add	*796.43*	
08 14 73 00-0052	EA	4' Wide, Two 2'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	2,046.98	62.83
		For Oak, Add	*449.59*	
		For Ash/Hickory, Add	*449.59*	
		For Walnut, Add	*739.71*	
		For Cherry, Add	*1,389.11*	
08 14 73 00-0053	EA	5' Wide, Two 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	2,197.93	67.86
		For Oak, Add	*482.56*	
		For Ash/Hickory, Add	*482.56*	
		For Walnut, Add	*793.95*	
		For Cherry, Add	*1,490.99*	
08 14 73 00-0054	EA	6' Wide, Two 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	2,348.89	72.89
		For Oak, Add	*515.53*	
		For Ash/Hickory, Add	*515.53*	
		For Walnut, Add	*848.20*	
		For Cherry, Add	*1,592.85*	

08 14 73 00-0055 Accessories *(08 14 73 00-0001)*

08 14 73 00-0056 Jamb Replacement *(08 14 73 00-0055)*

08 14 73 00-0057	EA	4-9/16 Or 4-3/4" Birch Jamb Replacement For Pocket Doors	114.36	
		For Oak, Add	*7.24*	
		For Ash/Hickory, Add	*11.35*	
		For Walnut, Add	*24.81*	
		For Cherry, Add	*39.29*	
08 14 73 00-0058	EA	5-1/4" Birch Jamb Replacement For Pocket Doors	116.43	
		For Oak, Add	*7.48*	
		For Ash/Hickory, Add	*11.71*	
		For Walnut, Add	*25.61*	
		For Cherry, Add	*40.56*	
08 14 73 00-0059	EA	6-9/16" Or 6-3/4" Birch Jamb Replacement For Pocket Doors	129.87	
		For Oak, Add	*9.00*	
		For Ash/Hickory, Add	*14.09*	
		For Walnut, Add	*30.81*	
		For Cherry, Add	*48.80*	

08 14 73 00-0060 Track And Hardware Replacement Kits *(08 14 73 00-0055)*

Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.

08 14 73 00-0061	EA	Up To 2'-6" x 6'-8" Door Track And Hardware Replacement For Pocket Door	403.89
08 14 73 00-0062	EA	2'-8" x 6'-8" Door Track And Hardware Replacement For Pocket Door	407.99
08 14 73 00-0063	EA	3'-0" x 6'-8" Door Track And Hardware Replacement For Pocket Door	416.21
08 14 73 00-0064	EA	Up To 2'-6" x 7' Door Track And Hardware Replacement For Pocket Door	494.22
08 14 73 00-0065	EA	2'-8" x 7' Door Track And Hardware Replacement For Pocket Door	498.33
08 14 73 00-0066	EA	3'-0" x 7' Door Track And Hardware Replacement For Pocket Door	506.54
08 14 73 00-0067	EA	Up To 2'-6" x 8' Door Track And Hardware	535.28
08 14 73 00-0068	EA	2'-8" x 8' Door Track And Hardware Replacement For Pocket Door	539.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0069	EA	3'-0" x 8' Door Track And Hardware Replacement For Pocket Door	547.60	
08 14 73 00-0070	EA	Double Door Converging Kit For Pocket Door	56.14	
08 14 73 00-0071		Bi-Pass Doors *(08 14 73)*		
		Note: Includes unfinished doors, fascia track, hangers, door guide, door stop, and pulls. 125 LB maximum door weight (each opening).		
08 14 73 00-0072		Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*		
08 14 73 00-0073	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	415.21	80.39
08 14 73 00-0074	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	457.06	85.41
08 14 73 00-0075	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	499.43	90.44
08 14 73 00-0076	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	694.76	95.46
08 14 73 00-0077		Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*		
08 14 73 00-0078	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	385.73	80.39
08 14 73 00-0079	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	411.11	85.41
08 14 73 00-0080	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	448.86	90.44
08 14 73 00-0081	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	635.81	95.46
08 14 73 00-0082		Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*		
08 14 73 00-0083	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	416.04	80.39
08 14 73 00-0084	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	455.01	85.41
08 14 73 00-0085	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	496.03	90.44
08 14 73 00-0086	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	696.42	95.46
08 14 76		**Bifolding Wood Doors** *(08 14)*		
08 14 76 00-0001		Bi-Fold Wood Doors *(08 14 76)*		
		Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes door frame and knobs.		
08 14 76 00-0002		Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0003	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	192.72	60.29
08 14 76 00-0004	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	202.77	65.32
08 14 76 00-0005	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	217.63	70.34
08 14 76 00-0006	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	227.67	75.36
08 14 76 00-0007	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	299.23	80.39
08 14 76 00-0008	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	309.28	85.41
08 14 76 00-0009	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	329.52	90.44
08 14 76 00-0010		Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0011	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	204.49	60.29
08 14 76 00-0012	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	218.40	65.32
08 14 76 00-0013	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	235.86	70.34
08 14 76 00-0014	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	245.90	75.36
08 14 76 00-0015	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	324.43	80.39
08 14 76 00-0016	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	348.57	85.41
08 14 76 00-0017	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	374.17	90.44
08 14 76 00-0018		Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0019	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	205.03	60.29
08 14 76 00-0020	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	225.94	65.32
08 14 76 00-0021	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	242.81	70.34
08 14 76 00-0022	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	252.85	75.36
08 14 76 00-0023	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	330.51	80.39
08 14 76 00-0024	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	343.01	85.41
08 14 76 00-0025	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	374.17	90.44
08 14 76 00-0026		Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0027	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	554.90	60.29
08 14 76 00-0028	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	635.13	65.32
08 14 76 00-0029	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	726.73	70.34
08 14 76 00-0030	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	736.77	75.36
08 14 76 00-0031	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,029.42	80.39
08 14 76 00-0032	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,179.82	85.41
08 14 76 00-0033	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,352.97	90.44
08 14 76 00-0034		Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 76 00-0035	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	716.11	60.29
08 14 76 00-0036	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	777.37	65.32
08 14 76 00-0037	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	850.01	70.34
08 14 76 00-0038	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	860.05	75.36
08 14 76 00-0039	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,351.84	80.39
08 14 76 00-0040	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,464.31	85.41
08 14 76 00-0041	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,599.53	90.44

08 14 76 00-0042 Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*

08 14 76 00-0043	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	196.86	60.29
08 14 76 00-0044	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	211.75	65.32
08 14 76 00-0045	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	232.04	70.34
08 14 76 00-0046	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	233.45	75.36
08 14 76 00-0047	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	292.41	80.39
08 14 76 00-0048	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	316.00	85.41
08 14 76 00-0049	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	355.29	90.44

08 15 Plastic Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 15 13 Laminated Plastic Doors *(08 15)*

08 15 13 00-0001 High Pressure Laminated Plastic Doors *(08 15 13)*

Note: 0.125" acrylic/PVC thermoplastic face sheet over 16 gauge welded steel tube framework and a core of resin impregnated Kraft honeycomb (Urethane insulation). Panel capping channel to be 304 stainless steel.

08 15 13 00-0002	EA	1'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	285.22	50.26
08 15 13 00-0003	EA	1'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	285.22	50.26
08 15 13 00-0004	EA	1'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	285.22	50.26
08 15 13 00-0005	EA	1'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	285.22	50.26
08 15 13 00-0006	EA	2' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	295.28	55.29
08 15 13 00-0007	EA	2' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	295.28	55.29
08 15 13 00-0008	EA	2' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	295.28	55.29
08 15 13 00-0009	EA	2' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	295.28	55.29
08 15 13 00-0010	EA	2'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	319.37	57.80
08 15 13 00-0011	EA	2'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	319.37	57.80
08 15 13 00-0012	EA	2'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	319.37	55.29
08 15 13 00-0013	EA	2'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	319.37	57.80
08 15 13 00-0014	EA	3' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	343.46	60.32
08 15 13 00-0015	EA	3' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	343.46	60.32
08 15 13 00-0016	EA	3' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	343.46	60.32
08 15 13 00-0017	EA	3' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	343.46	60.32
08 15 13 00-0018	EA	3'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	378.60	62.83
08 15 13 00-0019	EA	3'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	378.60	62.83
08 15 13 00-0020	EA	3'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	378.60	62.83
08 15 13 00-0021	EA	3'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	378.60	62.83
08 15 13 00-0022	EA	4' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	427.81	67.86
08 15 13 00-0023	EA	4' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	427.81	67.86
08 15 13 00-0024	EA	4' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	427.81	67.86
08 15 13 00-0025	EA	4' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	427.81	67.86

08 16 Composite Doors *(08 10)*

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 Fiberglass Doors *(08 16)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 00-0001 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors *(08 16 13)*

08 16 13 00-0002 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0001)*

08 16 13 00-0003 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0002)*

Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.

08 16 13 00-0004 Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*

Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0005		6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*		
08 16 13 00-0006	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,050.01	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0007	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,256.24	62.83
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0008	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,569.81	67.86
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0009		7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*		
08 16 13 00-0010	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,050.01	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0011	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,338.09	62.83
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0012	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,656.77	67.86
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0013		Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*		
		Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0014		45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*		
08 16 13 00-0015		6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0014)*		
08 16 13 00-0016	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,622.93	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0017	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,697.87	62.83
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0018	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,217.75	67.86
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0019		7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0014)*		
08 16 13 00-0020	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,622.93	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0021	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,963.86	62.83
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0022	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,316.65	67.86
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0023		60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*		
08 16 13 00-0024		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0023)*		
08 16 13 00-0025	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,622.93	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0026	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,697.87	62.83
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0027	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,217.75	67.86
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	

08 16 13 00-0028 7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0023)*

08 16 13 00-0029	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,622.93	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0030	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,963.86	62.83
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0031	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,316.65	67.86
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	

08 16 13 00-0032 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*

08 16 13 00-0033 6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0032)*

08 16 13 00-0034	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,622.93	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0035	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,697.87	62.83
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0036	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,217.75	67.86
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	

08 16 13 00-0037 7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0032)*

08 16 13 00-0038	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,622.93	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0039	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,963.86	62.83
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0040	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,316.65	67.86
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	

08 16 13 00-0041 Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*

Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0042 6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0041)*

08 16 13 00-0043	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,225.64	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	

08 16 13 00-0044 7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0041)*

08 16 13 00-0045	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,225.64	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	

08 16 13 00-0046 Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf) *(08 16 13 00-0002)*

08 16 13 00-0047	SI	1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf)	0.44	
08 16 13 00-0048	SI	1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf)	0.45	
08 16 13 00-0049	SI	1/4" Wire, Factory Installed Vision Glass (Chem-Pruf)	0.58	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0050		SI	1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf)	0.56	
08 16 13 00-0051		SI	Factory Installed Molded Louver (Chem-Pruf)	1.12	
08 16 13 00-0052		SI	Factory Installed Molded Louver With Insect Screen (Chem-Pruf)	1.26	
08 16 13 00-0053		LF	Weather Strip (Chem-Pruf)	11.94	
08 16 13 00-0054		LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf)	15.35	
08 16 13 00-0055		LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf)	32.40	
08 16 13 00-0056		LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf)	35.81	
08 16 13 00-0057		LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf)	69.91	

08 16 13 00-0058 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0001)*

08 16 13 00-0059 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0058)*

Note: White, tan, brown or gray finish. Includes factory hardware prep.

08 16 13 00-0060 Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*

Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0061 6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0060)*

08 16 13 00-0062	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,328.03	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0063	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,359.88	62.83
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0064	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,473.10	67.86
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	

08 16 13 00-0065 7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0060)*

08 16 13 00-0066	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,328.03	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0067	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,463.04	62.83
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0068	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,473.10	67.86
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	

08 16 13 00-0069 Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*

Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0070 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*

08 16 13 00-0071 6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0070)*

08 16 13 00-0072	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,875.42	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0073	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,954.72	62.83
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0074	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,142.22	67.86
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	

08 16 13 00-0075 7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0070)*

08 16 13 00-0076	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,875.42	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0077	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,983.61	62.83
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0078	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,230.93	67.86
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	

08 16 13 00-0079 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*

08 16 13 00-0080 6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0079)*

08 16 13 00-0081	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,875.42	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0082	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,954.72	62.83
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0083	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,142.22	67.86
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	

08 16 13 00-0084 7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0079)*

08 16 13 00-0085	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,875.42	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0086	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,983.61	62.83
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0087	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,230.93	67.86
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	

08 16 13 00-0088 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*

08 16 13 00-0089 6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0088)*

08 16 13 00-0090	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,875.42	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0091	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,954.72	62.83
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0092	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,142.22	67.86
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	

08 16 13 00-0093 7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0088)*

08 16 13 00-0094	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,875.42	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0095	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,983.61	62.83
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0096	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,230.93	67.86
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	

08 16 13 00-0097 Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*

Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0098		6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0097)*		
08 16 13 00-0099	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,637.51	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0100		7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0097)*		
08 16 13 00-0101	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,637.51	60.32
		For Custom Color Finish, Add	*159.43*	
		For Stainless Steel Continuous Hinge, Add	*354.87*	
08 16 13 00-0102		Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door) *(08 16 13 00-0058)*		
08 16 13 00-0103	SI	1/4" Tempered, Factory Installed Vision Glass (Skule Door)	0.97	
08 16 13 00-0104	SI	1/4" Laminated, Factory Installed Vision Glass (Skule Door)	1.00	
08 16 13 00-0105	SI	1/4" Wire, Factory Installed Vision Glass (Skule Door)	1.06	
08 16 13 00-0106	SI	1/2" Insulated, Factory Installed Vision Glass (Skule Door)	1.52	
08 16 13 00-0107	SI	Factory Installed Molded Louver (Skule Door)	0.60	
08 16 13 00-0108	SI	Factory Installed Molded Louver With Insect Screen (Skule Door)	0.96	
08 16 13 00-0109	LF	Weather Strip (Skule Door)	8.25	
08 16 13 00-0110	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door)	10.32	
08 16 13 00-0111	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door)	33.01	
08 16 13 00-0112	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door)	117.60	
08 16 13 00-0113	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door)	45.39	
08 16 13 00-0114		Galvanized Insulated Poly Core Composite Doors *(08 16 13)*		
08 16 13 00-0115	EA	3'-0" x 7'-0" x 1-3/4" Thick, Flush, 18 Gauge, Galvanized, Insulated Poly Core Composite Door (Curries 707N)	1,279.36	60.32

08 17 Integrated Door Opening Assemblies *(08 10)*

08 17 23 Integrated Metal Door Opening Assemblies *(08 17)*

08 17 23 00-0001		Pre-Hung Interior Door Units *(08 17 23)*		
		Note: Includes door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset.		
08 17 23 00-0002		Hollow Core Doors, 1-3/8" Thick *(08 17 23 00-0001)*		
08 17 23 00-0003		Birch Faced *(08 17 23 00-0002)*		
08 17 23 00-0004	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	424.75	62.83
		For 8' Door Height, Add	*71.78*	
08 17 23 00-0005	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	443.12	62.83
		For 8' Door Height, Add	*76.19*	
08 17 23 00-0006	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	466.55	65.35
		For 8' Door Height, Add	*80.61*	
08 17 23 00-0007	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	477.04	67.86
		For 8' Door Height, Add	*81.92*	
08 17 23 00-0008	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	510.37	67.86
		For 8' Door Height, Add	*89.92*	
08 17 23 00-0009	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	539.40	70.37
		For 8' Door Height, Add	*95.68*	
08 17 23 00-0010	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	804.26	103.05
		For 8' Door Height, Add	*143.56*	
08 17 23 00-0011	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	856.12	110.59
		For 8' Door Height, Add	*152.39*	
08 17 23 00-0012	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	918.90	118.12
		For 8' Door Height, Add	*163.83*	
08 17 23 00-0013		Lauan Faced *(08 17 23 00-0002)*		
08 17 23 00-0014	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	385.62	62.83
		For 8' Door Height, Add	*62.39*	
08 17 23 00-0015	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	403.25	62.83
		For 8' Door Height, Add	*66.62*	
08 17 23 00-0016	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	423.15	65.35
		For 8' Door Height, Add	*70.19*	
08 17 23 00-0017	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	438.67	67.86
		For 8' Door Height, Add	*72.71*	
08 17 23 00-0018	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	467.64	67.86
		For 8' Door Height, Add	*79.66*	
08 17 23 00-0019	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	493.89	70.37
		For 8' Door Height, Add	*84.75*	
08 17 23 00-0020	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	726.03	103.05
		For 8' Door Height, Add	*124.78*	
08 17 23 00-0021	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	776.28	110.59
		For 8' Door Height, Add	*133.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0022	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	842.24	118.12
		For 8' Door Height, Add	*145.44*	

08 17 23 00-0023 Tempered Hardboard Faced *(08 17 23 00-0002)*

08 17 23 00-0024	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	329.45	62.83
		For 8' Door Height, Add	*48.91*	
08 17 23 00-0025	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	344.31	62.83
		For 8' Door Height, Add	*52.48*	
08 17 23 00-0026	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	356.39	65.35
		For 8' Door Height, Add	*54.17*	
08 17 23 00-0027	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	375.53	67.86
		For 8' Door Height, Add	*57.55*	
08 17 23 00-0028	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	401.89	67.86
		For 8' Door Height, Add	*63.88*	
08 17 23 00-0029	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	423.96	70.37
		For 8' Door Height, Add	*67.97*	
08 17 23 00-0030	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	613.67	103.05
		For 8' Door Height, Add	*97.82*	
08 17 23 00-0031	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	658.44	110.59
		For 8' Door Height, Add	*104.95*	
08 17 23 00-0032	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	715.85	118.12
		For 8' Door Height, Add	*115.11*	

08 17 23 00-0033 Solid Core Doors, 1-3/8" Thick *(08 17 23 00-0001)*

08 17 23 00-0034 Birch Faced *(08 17 23 00-0033)*

08 17 23 00-0035	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	566.06	62.83
		For 8' Door Height, Add	*105.70*	
08 17 23 00-0036	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	589.22	62.83
		For 8' Door Height, Add	*111.25*	
08 17 23 00-0037	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	617.36	65.35
		For 8' Door Height, Add	*116.80*	
08 17 23 00-0038	EA	3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	650.59	67.86
		For 8' Door Height, Add	*123.57*	
08 17 23 00-0039	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	707.12	67.86
		For 8' Door Height, Add	*137.14*	
08 17 23 00-0040	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	762.10	70.37
		For 8' Door Height, Add	*149.12*	
08 17 23 00-0041	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,086.90	103.05
		For 8' Door Height, Add	*211.39*	
08 17 23 00-0042	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,148.28	110.59
		For 8' Door Height, Add	*222.51*	
08 17 23 00-0043	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,265.98	118.12
		For 8' Door Height, Add	*247.14*	

08 17 23 00-0044 Lauan Faced *(08 17 23 00-0033)*

08 17 23 00-0045	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	506.95	62.83
		For 8' Door Height, Add	*91.51*	
08 17 23 00-0046	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	527.91	62.83
		For 8' Door Height, Add	*96.54*	
08 17 23 00-0047	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	553.88	65.35
		For 8' Door Height, Add	*101.57*	
08 17 23 00-0048	EA	3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	580.07	67.86
		For 8' Door Height, Add	*106.64*	
08 17 23 00-0049	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	628.94	67.86
		For 8' Door Height, Add	*118.37*	
08 17 23 00-0050	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	665.53	70.37
		For 8' Door Height, Add	*125.95*	
08 17 23 00-0051	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	968.66	103.05
		For 8' Door Height, Add	*183.01*	
08 17 23 00-0052	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	1,025.69	110.59
		For 8' Door Height, Add	*193.09*	
08 17 23 00-0053	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	1,124.93	118.12
		For 8' Door Height, Add	*213.29*	

08 17 23 00-0054 Tempered Hardboard Faced *(08 17 23 00-0033)*

08 17 23 00-0055	EA	2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	454.30	62.83
		For 8' Door Height, Add	*78.87*	
08 17 23 00-0056	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	473.33	62.83
		For 8' Door Height, Add	*83.44*	
08 17 23 00-0057	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	497.45	65.35
		For 8' Door Height, Add	*88.02*	
08 17 23 00-0058	EA	3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	509.54	67.86
		For 8' Door Height, Add	*89.72*	
08 17 23 00-0059	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	550.76	67.86
		For 8' Door Height, Add	*99.61*	
08 17 23 00-0060	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	582.37	70.37
		For 8' Door Height, Add	*105.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0061	PR	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	863.38	103.05
		For 8' Door Height, Add	*157.75*	
08 17 23 00-0062	PR	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	916.49	110.59
		For 8' Door Height, Add	*166.88*	
08 17 23 00-0063	PR	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	983.87	118.12
		For 8' Door Height, Add	*179.43*	
08 17 23 00-0064		**Hollow Core Doors, 1-3/4" Thick** *(08 17 23 00-0001)*		
08 17 23 00-0065		**Birch Faced** *(08 17 23 00-0064)*		
08 17 23 00-0066	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	499.47	62.83
		For 8' Door Height, Add	*89.71*	
08 17 23 00-0067	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	513.58	62.83
		For 8' Door Height, Add	*93.10*	
08 17 23 00-0068	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	523.83	65.35
		For 8' Door Height, Add	*94.35*	
08 17 23 00-0069	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	551.86	67.86
		For 8' Door Height, Add	*99.87*	
08 17 23 00-0070	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	612.90	67.86
		For 8' Door Height, Add	*114.52*	
08 17 23 00-0071	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	689.24	70.37
		For 8' Door Height, Add	*131.64*	
08 17 23 00-0072	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	953.75	103.05
		For 8' Door Height, Add	*179.43*	
08 17 23 00-0073	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	997.00	110.59
		For 8' Door Height, Add	*186.20*	
08 17 23 00-0074	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	1,068.55	118.12
		For 8' Door Height, Add	*199.75*	
08 17 23 00-0075		**Lauan Faced** *(08 17 23 00-0064)*		
08 17 23 00-0076	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	455.90	62.83
		For 8' Door Height, Add	*79.26*	
08 17 23 00-0077	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	478.65	62.83
		For 8' Door Height, Add	*84.72*	
08 17 23 00-0078	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	502.15	65.35
		For 8' Door Height, Add	*89.15*	
08 17 23 00-0079	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	514.49	67.86
		For 8' Door Height, Add	*90.90*	
08 17 23 00-0080	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	556.14	67.86
		For 8' Door Height, Add	*100.90*	
08 17 23 00-0081	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	588.06	70.37
		For 8' Door Height, Add	*107.35*	
08 17 23 00-0082	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	866.59	103.05
		For 8' Door Height, Add	*158.52*	
08 17 23 00-0083	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	927.16	110.59
		For 8' Door Height, Add	*169.44*	
08 17 23 00-0084	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	993.81	118.12
		For 8' Door Height, Add	*181.81*	
08 17 23 00-0085		**Tempered Hardboard Faced** *(08 17 23 00-0064)*		
08 17 23 00-0086	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	379.56	62.83
		For 8' Door Height, Add	*60.94*	
08 17 23 00-0087	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	386.63	62.83
		For 8' Door Height, Add	*62.63*	
08 17 23 00-0088	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	405.77	65.35
		For 8' Door Height, Add	*66.02*	
08 17 23 00-0089	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	424.91	67.86
		For 8' Door Height, Add	*69.41*	
08 17 23 00-0090	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	441.02	67.86
		For 8' Door Height, Add	*73.27*	
08 17 23 00-0091	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	465.61	70.37
		For 8' Door Height, Add	*77.97*	
08 17 23 00-0092	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	713.87	103.05
		For 8' Door Height, Add	*121.87*	
08 17 23 00-0093	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	743.11	110.59
		For 8' Door Height, Add	*125.27*	
08 17 23 00-0094	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	814.66	118.12
		For 8' Door Height, Add	*138.82*	
08 17 23 00-0095		**Solid Core Doors, 1-3/4" Thick** *(08 17 23 00-0001)*		
08 17 23 00-0096		**Birch Faced** *(08 17 23 00-0095)*		
08 17 23 00-0097	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	633.50	62.83
		For 8' Door Height, Add	*121.88*	
08 17 23 00-0098	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	654.64	62.83
		For 8' Door Height, Add	*126.96*	
08 17 23 00-0099	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	666.75	65.35
		For 8' Door Height, Add	*128.65*	
08 17 23 00-0100	EA	3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	692.92	67.86
		For 8' Door Height, Add	*133.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0101	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	754.21	67.86
		For 8' Door Height, Add	*148.44*	
08 17 23 00-0102	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	821.13	70.37
		For 8' Door Height, Add	*163.29*	
08 17 23 00-0103	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,221.77	103.05
		For 8' Door Height, Add	*243.77*	
08 17 23 00-0104	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,279.12	110.59
		For 8' Door Height, Add	*253.91*	
08 17 23 00-0105	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,350.65	118.12
		For 8' Door Height, Add	*267.45*	

08 17 23 00-0106 Lauan Faced *(08 17 23 00-0095)*

08 17 23 00-0107	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	644.65	62.83
		For 8' Door Height, Add	*124.56*	
08 17 23 00-0108	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	646.16	62.83
		For 8' Door Height, Add	*124.92*	
08 17 23 00-0109	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	666.14	65.35
		For 8' Door Height, Add	*128.51*	
08 17 23 00-0110	EA	3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	682.00	67.86
		For 8' Door Height, Add	*131.11*	
08 17 23 00-0111	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	731.37	67.86
		For 8' Door Height, Add	*142.96*	
08 17 23 00-0112	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	774.51	70.37
		For 8' Door Height, Add	*152.10*	
08 17 23 00-0113	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,244.11	103.05
		For 8' Door Height, Add	*249.12*	
08 17 23 00-0114	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,262.17	110.59
		For 8' Door Height, Add	*249.84*	
08 17 23 00-0115	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,328.82	118.12
		For 8' Door Height, Add	*262.21*	

08 17 23 00-0116 Tempered Hardboard Faced *(08 17 23 00-0095)*

08 17 23 00-0117	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	527.69	62.83
		For 8' Door Height, Add	*96.49*	
08 17 23 00-0118	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	534.72	62.83
		For 8' Door Height, Add	*98.17*	
08 17 23 00-0119	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	546.83	65.35
		For 8' Door Height, Add	*99.87*	
08 17 23 00-0120	EA	3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	565.97	67.86
		For 8' Door Height, Add	*103.26*	
08 17 23 00-0121	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	597.53	67.86
		For 8' Door Height, Add	*110.83*	
08 17 23 00-0122	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	632.13	70.37
		For 8' Door Height, Add	*117.93*	
08 17 23 00-0123	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	1,010.14	103.05
		For 8' Door Height, Add	*192.97*	
08 17 23 00-0124	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	1,039.30	110.59
		For 8' Door Height, Add	*196.35*	
08 17 23 00-0125	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	1,096.75	118.12
		For 8' Door Height, Add	*206.52*	

08 17 23 00-0126 Oak Or Maple Faced *(08 17 23 00-0095)*

08 17 23 00-0127	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	764.20	62.83
		For 8' Door Height, Add	*153.25*	
08 17 23 00-0128	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	768.10	62.83
		For 8' Door Height, Add	*154.19*	
08 17 23 00-0129	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	806.13	65.35
		For 8' Door Height, Add	*162.10*	
08 17 23 00-0130	EA	3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	819.78	67.86
		For 8' Door Height, Add	*164.17*	
08 17 23 00-0131	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	893.93	67.86
		For 8' Door Height, Add	*181.97*	
08 17 23 00-0132	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	986.82	70.37
		For 8' Door Height, Add	*203.06*	
08 17 23 00-0133	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,483.18	103.05
		For 8' Door Height, Add	*306.50*	
08 17 23 00-0134	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,506.07	110.59
		For 8' Door Height, Add	*308.37*	
08 17 23 00-0135	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,604.38	118.12
		For 8' Door Height, Add	*328.35*	

08 17 23 00-0136 Walnut Faced *(08 17 23 00-0095)*

08 17 23 00-0137	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	963.61	62.83
		For 8' Door Height, Add	*201.11*	
08 17 23 00-0138	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	998.45	62.83
		For 8' Door Height, Add	*209.47*	
08 17 23 00-0139	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,015.16	65.35
		For 8' Door Height, Add	*212.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0140	EA	3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,055.09	67.86
		For 8' Door Height, Add	*220.65*	
08 17 23 00-0141	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,156.23	67.86
		For 8' Door Height, Add	*244.92*	
08 17 23 00-0142	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,263.39	70.37
		For 8' Door Height, Add	*269.43*	
08 17 23 00-0143	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,882.01	103.05
		For 8' Door Height, Add	*402.22*	
08 17 23 00-0144	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,966.75	110.59
		For 8' Door Height, Add	*418.94*	
08 17 23 00-0145	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	2,074.99	118.12
		For 8' Door Height, Add	*441.30*	

08 18 Glass Doors *(08 10)*

08 18 16 Sliding Glass Doors *(08 18)*

08 18 16 00-0001 Sliding Aluminum-Framed Glass Doors *(08 18 16)*

08 18 16 00-0002 Residential Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0001)*

08 18 16 00-0003 5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0002)*

08 18 16 00-0004	SF	Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	33.09	4.52
		For Custom Quality, Add	*5.28*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*3.80*	
08 18 16 00-0005	SF	>6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	27.16	2.81
		For Custom Quality, Add	*5.05*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*3.63*	

08 18 16 00-0006 1" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0002)*

08 18 16 00-0007	SF	Up To 6' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	36.88	4.52
		For Custom Quality, Add	*6.23*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*4.48*	
08 18 16 00-0008	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	30.89	2.81
		For Custom Quality, Add	*5.98*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*4.30*	

08 18 16 00-0009 Sliding Wood-Framed Glass Doors *(08 18 16)*

08 18 16 00-0010 Residential Wood Sliding Doors With 5/8" Glass *(08 18 16 00-0009)*

08 18 16 00-0011	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,316.47	135.72
08 18 16 00-0012	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,827.82	165.88
08 18 16 00-0013	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	3,267.97	191.01
08 18 16 00-0014	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,554.42	135.72
08 18 16 00-0015	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	3,135.15	165.88
08 18 16 00-0016	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	3,648.31	191.01

08 30 Specialty Doors and Frames *(08)*

Note: Includes caulk, sealant and mounting anchors.

08 31 Access Doors and Panels *(08 30)*

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

08 31 13 Access Doors and Frames *(08 31)*

08 31 13 00-0001 Stainless Steel Access Doors *(08 31 13)*

08 31 13 00-0002 Fire Rated Stainless Steel Access Doors *(08 31 13 00-0001)*

08 31 13 00-0003	EA	12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch	433.34	52.82
08 31 13 00-0004	EA	12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	505.51	56.27
08 31 13 00-0005	EA	18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	591.66	59.52
08 31 13 00-0006	EA	24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	684.35	62.54
08 31 13 00-0007	EA	24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch	700.35	62.86
08 31 13 00-0008	EA	24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch	906.40	64.81

08 31 13 00-0009 Stainless Steel Access Doors *(08 31 13 00-0001)*

08 31 13 00-0010	EA	8" x 8" Stainless Steel Access Door With Cam Latch	167.63	40.50
08 31 13 00-0011	EA	12" x 12" Stainless Steel Access Door With Cam Latch	201.68	52.82
08 31 13 00-0012	EA	12" x 18" Stainless Steel Access Door With Cam Latch	291.01	56.27
08 31 13 00-0013	EA	18" x 18" Stainless Steel Access Door With Cam Latch	312.54	59.52
08 31 13 00-0014	EA	24" x 18" Stainless Steel Access Door With Cam Latch	364.14	62.54
08 31 13 00-0015	EA	24" x 24" Stainless Steel Access Door With Cam Latch	416.71	62.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 31 13 00-0016		**Steel Access Doors** *(08 31 13)* Note: Includes paintable powder coated finish.		
08 31 13 00-0017		**Insulated Fire Rated Steel Access Doors** *(08 31 13 00-0016)*		
08 31 13 00-0018	EA	12" x 12" Insulated Fire Rated Steel Access Door With Cam Latch	258.77	53.15
08 31 13 00-0019	EA	12" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	321.10	56.27
08 31 13 00-0020	EA	18" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	320.66	59.52
08 31 13 00-0021	EA	24" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	381.44	62.86
08 31 13 00-0022	EA	24" x 24" Insulated Fire Rated Steel Access Door With Cam Latch	398.93	62.86
08 31 13 00-0023	EA	24" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	525.99	64.81
08 31 13 00-0024	EA	24" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	607.17	67.51
08 31 13 00-0025	EA	36" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	751.92	67.51
08 31 13 00-0026	EA	48" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	965.42	81.01
08 31 13 00-0027		**Steel Access Doors** *(08 31 13 00-0016)*		
08 31 13 00-0028	EA	8" x 8" Steel Access Door With Cam Latch	130.90	40.72
08 31 13 00-0029	EA	12" x 12" Steel Access Door With Cam Latch	140.23	53.15
08 31 13 00-0030	EA	12" x 18" Steel Access Door With Cam Latch	161.79	56.27
08 31 13 00-0031	EA	18" x 18" Steel Access Door With Cam Latch	166.19	59.52
08 31 13 00-0032	EA	24" x 18" Steel Access Door With Cam Latch	197.83	62.86
08 31 13 00-0033	EA	24" x 24" Steel Access Door With Cam Latch	202.65	62.86
08 31 13 00-0034	EA	24" x 36" Steel Access Door With Cam Latch	262.70	64.81
08 31 13 00-0035	EA	36" x 36" Steel Access Door With Cam Latch	348.60	67.51
08 31 13 00-0036		**Steel Recessed Access Doors For Drywall Application** *(08 31 13)* Note: Includes paintable powder coated finish.		
08 31 13 00-0037	EA	8" x 8" Recessed Steel Access Door With Cam Latch	188.84	40.50
		For Recessed Doors In Acoustical Tile, Add	*16.23*	
08 31 13 00-0038	EA	12" x 12" Recessed Steel Access Door With Cam Latch	197.55	43.42
		For Recessed Doors In Acoustical Tile, Add	*18.11*	
08 31 13 00-0039	EA	12" x 18" Recessed Steel Access Door With Cam Latch	212.37	45.90
		For Recessed Doors In Acoustical Tile, Add	*18.66*	
08 31 13 00-0040	EA	18" x 18" Recessed Steel Access Door With Cam Latch	249.74	48.60
		For Recessed Doors In Acoustical Tile, Add	*16.01*	
08 31 13 00-0041	EA	24" x 18" Recessed Steel Access Door With Cam Latch	262.74	51.30
		For Recessed Doors In Acoustical Tile, Add	*17.04*	
08 31 13 00-0042	EA	24" x 24" Recessed Steel Access Door With Cam Latch	288.18	51.30
		For Recessed Doors In Acoustical Tile, Add	*13.22*	
08 31 13 00-0043	EA	24" x 36" Recessed Steel Access Door With Cam Latch	358.87	64.81
		For Recessed Doors In Acoustical Tile, Add	*17.46*	
08 31 13 00-0044	EA	36" x 36" Recessed Steel Access Door With Cam Latch	515.32	67.51
		For Recessed Doors In Acoustical Tile, Add	*-3.04*	
08 31 13 00-0045		**Steel Crawl Space Doors And Frames** *(08 31 13)* Note: Includes paintable powder coated finish.		
08 31 13 00-0046	EA	24" x 24" Steel Crawl Space Door With Cam Latch	216.70	68.37
08 31 13 00-0047	EA	30" x 24" Steel Crawl Space Door With Cam Latch	305.59	82.85
08 31 13 00-0048	EA	30" x 30" Steel Crawl Space Door With Cam Latch	342.71	89.98

08 33 Coiling Doors and Grilles *(08 30)*

08 33 13 Coiling Counter Doors *(08 33)*

08 33 13 00-0001 Overhead Rolling Counter Doors *(08 33 13)*

08 33 13 00-0002 Galvanized Steel Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0003	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	8,432.45	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0004	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	8,880.15	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0005	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	9,604.39	444.33
		For Motor Operator (With Safety Reverse), Add	*759.82*	
08 33 13 00-0006	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	10,254.25	522.73
		For Motor Operator (With Safety Reverse), Add	*780.03*	
08 33 13 00-0007	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	10,447.09	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0008	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	10,899.02	464.60
		For Motor Operator (With Safety Reverse), Add	*766.16*	
08 33 13 00-0009	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	11,169.33	483.22
		For Motor Operator (With Safety Reverse), Add	*770.81*	
08 33 13 00-0010	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	11,827.69	522.73
		For Motor Operator (With Safety Reverse), Add	*780.68*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0011		**Stainless Steel Overhead Rolling Counter Doors** *(08 33 13 00-0001)* Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0012	EA	4' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	9,551.69	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0013	EA	6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	10,782.86	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0014	EA	8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	11,059.41	444.33
		For Motor Operator (With Safety Reverse), Add	*759.82*	
08 33 13 00-0015	EA	10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	13,500.05	522.73
		For Motor Operator (With Safety Reverse), Add	*780.03*	
08 33 13 00-0016	EA	4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	11,566.33	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0017	EA	6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	11,906.33	464.60
		For Motor Operator (With Safety Reverse), Add	*766.16*	
08 33 13 00-0018	EA	8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	12,176.64	483.22
		For Motor Operator (With Safety Reverse), Add	*770.81*	
08 33 13 00-0019	EA	10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	15,633.10	522.73
		For Motor Operator (With Safety Reverse), Add	*780.68*	
08 33 13 00-0020		**Aluminum Overhead Rolling Counter Doors** *(08 33 13 00-0001)* Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0021	EA	4' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	9,327.85	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0022	EA	6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	9,775.54	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0023	EA	8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	10,947.48	444.33
		For Motor Operator (With Safety Reverse), Add	*759.82*	
08 33 13 00-0024	EA	10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	12,940.43	522.73
		For Motor Operator (With Safety Reverse), Add	*780.03*	
08 33 13 00-0025	EA	4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	11,342.48	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0026	EA	6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	11,794.41	464.60
		For Motor Operator (With Safety Reverse), Add	*766.16*	
08 33 13 00-0027	EA	8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	12,120.68	483.22
		For Motor Operator (With Safety Reverse), Add	*770.81*	
08 33 13 00-0028	EA	10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	15,409.25	522.73
		For Motor Operator (With Safety Reverse), Add	*780.68*	
08 33 13 00-0029		**Galvanized Steel Overhead Rolling Counter Fire Doors** *(08 33 13 00-0001)* Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0030	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	11,118.63	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0031	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	11,790.17	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0032	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	12,738.27	444.33
		For Motor Operator (With Safety Reverse), Add	*759.82*	
08 33 13 00-0033	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	13,611.97	522.73
		For Motor Operator (With Safety Reverse), Add	*780.03*	
08 33 13 00-0034	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	12,461.72	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0035	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	13,025.57	464.60
		For Motor Operator (With Safety Reverse), Add	*766.16*	
08 33 13 00-0036	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	13,519.73	483.22
		For Motor Operator (With Safety Reverse), Add	*770.81*	
08 33 13 00-0037	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	13,842.32	522.73
		For Motor Operator (With Safety Reverse), Add	*780.68*	
08 33 13 00-0038		**Stainless Steel Overhead Rolling Counter Fire Doors** *(08 33 13 00-0001)* Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0039	EA	4' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	12,685.57	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0040	EA	6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	14,476.35	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0041	EA	8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	14,752.90	444.33
		For Motor Operator (With Safety Reverse), Add	*759.82*	
08 33 13 00-0042	EA	10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	18,088.93	522.73
		For Motor Operator (With Safety Reverse), Add	*780.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0043	EA	4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	13,804.81	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0044	EA	6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	14,256.74	464.60
		For Motor Operator (With Safety Reverse), Add	*766.16*	
08 33 13 00-0045	EA	8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	14,750.89	483.22
		For Motor Operator (With Safety Reverse), Add	*770.81*	
08 33 13 00-0046	EA	10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	18,319.28	522.73
		For Motor Operator (With Safety Reverse), Add	*780.68*	

08 33 13 00-0047 Integral Frame And Sill, Overhead Rolling Counter Doors *(08 33 13)*

08 33 13 00-0048 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0049	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	18,505.61	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0050	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	18,953.31	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0051	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	19,453.71	444.33
		For Motor Operator (With Safety Reverse), Add	*759.82*	
08 33 13 00-0052	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	20,103.56	522.73
		For Motor Operator (With Safety Reverse), Add	*780.03*	
08 33 13 00-0053	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	19,177.16	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0054	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	19,741.01	464.60
		For Motor Operator (With Safety Reverse), Add	*766.16*	
08 33 13 00-0055	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	20,235.17	483.22
		For Motor Operator (With Safety Reverse), Add	*770.81*	
08 33 13 00-0056	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	22,572.39	522.73
		For Motor Operator (With Safety Reverse), Add	*780.68*	

08 33 13 00-0057 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0058	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	16,267.13	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0059	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	16,714.83	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0060	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	17,215.23	444.33
		For Motor Operator (With Safety Reverse), Add	*759.82*	
08 33 13 00-0061	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	17,865.08	522.73
		For Motor Operator (With Safety Reverse), Add	*780.03*	
08 33 13 00-0062	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	18,281.77	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0063	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	18,845.62	464.60
		For Motor Operator (With Safety Reverse), Add	*766.16*	
08 33 13 00-0064	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	19,563.63	483.22
		For Motor Operator (With Safety Reverse), Add	*770.81*	
08 33 13 00-0065	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	20,110.06	522.73
		For Motor Operator (With Safety Reverse), Add	*780.68*	

08 33 13 00-0066 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0067	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	25,668.75	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0068	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	27,907.23	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0069	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	32,436.89	444.33
		For Motor Operator (With Safety Reverse), Add	*759.82*	
08 33 13 00-0070	EA	10' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	34,877.53	522.73
		For Motor Operator (With Safety Reverse), Add	*780.03*	
08 33 13 00-0071	EA	4' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	29,026.47	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0072	EA	6' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	31,381.11	464.60
		For Motor Operator (With Safety Reverse), Add	*766.16*	
08 33 13 00-0073	EA	8' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	34,785.29	483.22
		For Motor Operator (With Safety Reverse), Add	*770.81*	
08 33 13 00-0074	EA	10' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	39,360.99	522.73
		For Motor Operator (With Safety Reverse), Add	*780.68*	

08 33 13 00-0075 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0076	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	21,639.49	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0077	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	22,087.18	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0078	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	23,035.27	444.33
		For Motor Operator (With Safety Reverse), Add	*759.82*	
08 33 13 00-0079	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	24,804.37	522.73
		For Motor Operator (With Safety Reverse), Add	*780.03*	
08 33 13 00-0080	EA	4' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	22,982.57	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0081	EA	6' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	24,441.82	464.60
		For Motor Operator (With Safety Reverse), Add	*766.16*	
08 33 13 00-0082	EA	8' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	25,831.37	483.22
		For Motor Operator (With Safety Reverse), Add	*770.81*	
08 33 13 00-0083	EA	10' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	30,407.07	522.73
		For Motor Operator (With Safety Reverse), Add	*780.68*	

08 33 13 00-0084 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0085	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	31,264.95	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0086	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	32,384.19	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0087	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	36,913.85	444.33
		For Motor Operator (With Safety Reverse), Add	*759.82*	

08 33 13 00-0088 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0089	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	23,430.27	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0090	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	32,384.19	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0091	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	36,913.85	444.33
		For Motor Operator (With Safety Reverse), Add	*759.82*	

08 33 13 00-0092 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0093	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	20,296.40	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0094	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	22,982.57	418.19
		For Motor Operator (With Safety Reverse), Add	*754.55*	
08 33 13 00-0095	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	24,602.21	444.33
		For Motor Operator (With Safety Reverse), Add	*759.82*	
08 33 13 00-0096	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	27,042.85	522.73
		For Motor Operator (With Safety Reverse), Add	*780.03*	

08 33 16 Coiling Counter Grilles *(08 33)*

08 33 16 00-0001 Galvanized Steel Overhead Coiling Counter Grilles (Width x Height) *(08 33 16)*

08 33 16 00-0002	EA	4' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,076.25	182.96
		For Lexan Lattice Pattern, Add	*233.03*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*106.21*	
		For Staggered Brick Pattern, Add	*189.09*	
08 33 16 00-0003	EA	6' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,274.93	182.96
		For Lexan Lattice Pattern, Add	*262.83*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*146.16*	
		For Staggered Brick Pattern, Add	*256.53*	
08 33 16 00-0004	EA	8' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,649.71	243.91
		For Lexan Lattice Pattern, Add	*292.91*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*186.13*	
		For Staggered Brick Pattern, Add	*323.96*	
08 33 16 00-0005	EA	12' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,127.85	243.91
		For Lexan Lattice Pattern, Add	*364.63*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*266.03*	
		For Staggered Brick Pattern, Add	*458.83*	
08 33 16 00-0006	EA	16' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,259.63	365.91
		For Lexan Lattice Pattern, Add	*482.12*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*398.53*	
		For Staggered Brick Pattern, Add	*605.02*	
08 33 16 00-0007	EA	18' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,824.82	418.19
		For Lexan Lattice Pattern, Add	*540.87*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*398.53*	
		For Staggered Brick Pattern, Add	*605.02*	
08 33 16 00-0008	EA	20' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	5,391.41	487.71
		For Lexan Lattice Pattern, Add	*599.62*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*531.03*	
		For Staggered Brick Pattern, Add	*751.22*	
08 33 16 00-0009	EA	24' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	6,714.11	585.46
		For Lexan Lattice Pattern, Add	*755.80*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*637.24*	
		For Staggered Brick Pattern, Add	*776.80*	
08 33 16 00-0010	EA	30' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	8,249.85	731.83
		For Lexan Lattice Pattern, Add	*923.84*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*745.87*	
		For Staggered Brick Pattern, Add	*891.68*	
08 33 16 00-0011	EA	4' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,227.91	182.96
		For Lexan Lattice Pattern, Add	*255.78*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*159.30*	
		For Staggered Brick Pattern, Add	*219.69*	
08 33 16 00-0012	EA	6' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,513.26	182.96
		For Lexan Lattice Pattern, Add	*298.58*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*238.94*	
		For Staggered Brick Pattern, Add	*298.79*	
08 33 16 00-0013	EA	8' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,855.83	244.02
		For Lexan Lattice Pattern, Add	*323.83*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*318.56*	
		For Staggered Brick Pattern, Add	*377.88*	
08 33 16 00-0014	EA	12' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,406.73	244.02
		For Lexan Lattice Pattern, Add	*406.46*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*477.93*	
		For Staggered Brick Pattern, Add	*536.06*	
08 33 16 00-0015	EA	16' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,650.80	365.91
		For Lexan Lattice Pattern, Add	*540.80*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*637.24*	
		For Staggered Brick Pattern, Add	*737.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 16 00-0016	EA	18' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	5,272.14	418.19
		For Lexan Lattice Pattern, Add	*607.97*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*637.24*	
		For Staggered Brick Pattern, Add	*737.95*	
08 33 16 00-0017	EA	20' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	5,891.15	487.71
		For Lexan Lattice Pattern, Add	*675.14*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*796.56*	
		For Staggered Brick Pattern, Add	*939.84*	
08 33 16 00-0018	EA	24' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	7,366.54	585.46
		For Lexan Lattice Pattern, Add	*853.67*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*955.86*	
		For Staggered Brick Pattern, Add	*1,083.45*	
08 33 16 00-0019	EA	30' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	8,899.66	731.83
		For Lexan Lattice Pattern, Add	*1,021.31*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,112.88*	
		For Staggered Brick Pattern, Add	*1,214.62*	

08 33 23 Overhead Coiling Doors *(08 33)*

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-1039 for forklift.

08 33 23 11 Overhead Coiling Doors *(08 33 23)*

Note: Includes panels, guides, counterbalance mechanisms, hardware, and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required.

08 33 23 11-0001 Galvanized Steel Overhead Coiling Doors (Width x Height) *(08 33 23 11)*

Note: Includes necessary anchors, track, and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 23 11-0002 26 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

08 33 23 11-0003	EA	4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,183.37	525.36
08 33 23 11-0004	EA	4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,263.46	556.26
08 33 23 11-0005	EA	5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,261.32	556.26
08 33 23 11-0006	EA	5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,344.19	587.17
08 33 23 11-0007	EA	6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,370.17	602.64
08 33 23 11-0008	EA	6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,483.71	648.97
08 33 23 11-0009	EA	6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,574.54	679.87
08 33 23 11-0010	EA	8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,553.46	679.87
08 33 23 11-0011	EA	8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,599.64	695.32
08 33 23 11-0012	EA	8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,652.60	710.78
08 33 23 11-0013	EA	8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,757.09	741.68
08 33 23 11-0014	EA	10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,649.66	710.78
08 33 23 11-0015	EA	10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,743.05	741.68
08 33 23 11-0016	EA	10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,846.97	772.59
08 33 23 11-0017	EA	10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,930.53	803.49

08 33 23 11-0018 24 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

08 33 23 11-0019	EA	8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,571.50	781.85
		For 3/4" Insulated Slats, Add	*873.12*	
08 33 23 11-0020	EA	8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,641.93	799.63
		For 3/4" Insulated Slats, Add	*901.91*	
08 33 23 11-0021	EA	8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,850.66	852.94
		For 3/4" Insulated Slats, Add	*986.54*	
08 33 23 11-0022	EA	8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,028.01	888.47
		For 3/4" Insulated Slats, Add	*1,071.57*	
08 33 23 11-0023	EA	10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,739.84	817.39
		For 3/4" Insulated Slats, Add	*951.40*	
08 33 23 11-0024	EA	10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,961.43	888.47
		For 3/4" Insulated Slats, Add	*1,021.64*	
08 33 23 11-0025	EA	10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,111.95	924.01
		For 3/4" Insulated Slats, Add	*1,086.55*	
08 33 23 11-0026	EA	10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,297.52	959.55
		For 3/4" Insulated Slats, Add	*1,177.75*	
08 33 23 11-0027	EA	12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,914.99	852.94
		For 3/4" Insulated Slats, Add	*1,034.79*	
08 33 23 11-0028	EA	12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,078.11	888.47
		For 3/4" Insulated Slats, Add	*1,109.15*	
08 33 23 11-0029	EA	12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,312.31	959.55
		For 3/4" Insulated Slats, Add	*1,188.84*	
08 33 23 11-0030	EA	12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,541.35	990.46
		For 3/4" Insulated Slats, Add	*1,318.91*	
08 33 23 11-0031	EA	14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,647.56	1,052.26
		For 3/4" Insulated Slats, Add	*1,315.12*	
08 33 23 11-0032	EA	14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,962.74	1,114.07
		For 3/4" Insulated Slats, Add	*1,468.07*	
08 33 23 11-0033	EA	14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,289.53	1,175.88
		For 3/4" Insulated Slats, Add	*1,629.72*	

08 33 23 11-0034 22 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0035	EA	4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,275.68	703.67
		For 3/4" Insulated Slats, Add	*756.81*	
08 33 23 11-0036	EA	4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,440.76	742.77
		For 3/4" Insulated Slats, Add	*827.80*	
08 33 23 11-0037	EA	4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,559.92	773.67
		For 3/4" Insulated Slats, Add	*875.45*	
08 33 23 11-0038	EA	6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,607.42	820.96
		For 3/4" Insulated Slats, Add	*847.25*	
08 33 23 11-0039	EA	6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,860.34	899.14
		For 3/4" Insulated Slats, Add	*931.38*	
08 33 23 11-0040	EA	6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,010.86	930.04
		For 3/4" Insulated Slats, Add	*1,002.56*	
08 33 23 11-0041	EA	6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,345.71	960.95
		For 3/4" Insulated Slats, Add	*1,211.97*	
08 33 23 11-0042	EA	6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,711.47	1,007.30
		For 3/4" Insulated Slats, Add	*1,423.71*	
08 33 23 11-0043	EA	8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,826.90	879.59
		For 3/4" Insulated Slats, Add	*932.75*	
08 33 23 11-0044	EA	8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,050.97	938.23
		For 3/4" Insulated Slats, Add	*1,021.62*	
08 33 23 11-0045	EA	8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,226.35	977.32
		For 3/4" Insulated Slats, Add	*1,100.34*	
08 33 23 11-0046	EA	8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,548.99	1,008.23
		For 3/4" Insulated Slats, Add	*1,300.60*	
08 33 23 11-0047	EA	8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,902.51	1,054.59
		For 3/4" Insulated Slats, Add	*1,503.17*	
08 33 23 11-0048	EA	10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,323.33	1,016.41
		For 3/4" Insulated Slats, Add	*1,120.34*	
08 33 23 11-0049	EA	10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,545.45	1,055.51
		For 3/4" Insulated Slats, Add	*1,234.12*	
08 33 23 11-0050	EA	10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,942.05	1,117.31
		For 3/4" Insulated Slats, Add	*1,448.12*	
08 33 23 11-0051	EA	10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,400.44	1,210.03
		For 3/4" Insulated Slats, Add	*1,666.76*	
08 33 23 11-0052	EA	10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,887.78	1,333.64
		For 3/4" Insulated Slats, Add	*1,865.39*	
08 33 23 11-0053	EA	10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,436.93	1,488.15
		For 3/4" Insulated Slats, Add	*2,068.65*	
08 33 23 11-0054	EA	10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,047.88	1,673.57
		For 3/4" Insulated Slats, Add	*2,276.55*	
08 33 23 11-0055	EA	10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,719.63	1,889.90
		For 3/4" Insulated Slats, Add	*2,488.32*	
08 33 23 11-0056	EA	12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,555.10	1,055.51
		For 3/4" Insulated Slats, Add	*1,241.35*	
08 33 23 11-0057	EA	12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,772.31	1,089.51
		For 3/4" Insulated Slats, Add	*1,358.37*	
08 33 23 11-0058	EA	12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,257.43	1,151.31
		For 3/4" Insulated Slats, Add	*1,638.77*	
08 33 23 11-0059	EA	12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,804.33	1,244.02
		For 3/4" Insulated Slats, Add	*1,923.79*	
08 33 23 11-0060	EA	12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,362.87	1,367.63
		For 3/4" Insulated Slats, Add	*2,175.82*	
08 33 23 11-0061	EA	12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,983.23	1,522.15
		For 3/4" Insulated Slats, Add	*2,432.49*	
08 33 23 11-0062	EA	12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,665.40	1,707.57
		For 3/4" Insulated Slats, Add	*2,693.80*	
08 33 23 11-0063	EA	12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,471.17	1,954.80
		For 3/4" Insulated Slats, Add	*2,964.36*	

08 33 23 11-0064 20 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover)

08 33 23 11-0065	EA	14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,303.47	1,229.04
		For 3/4" Insulated Slats, Add	*1,568.41*	
08 33 23 11-0066	EA	14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,677.64	1,290.85
		For 3/4" Insulated Slats, Add	*1,765.60*	
08 33 23 11-0067	EA	14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,118.46	1,352.65
		For 3/4" Insulated Slats, Add	*2,012.78*	
08 33 23 11-0068	EA	14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,579.44	1,445.36
		For 3/4" Insulated Slats, Add	*2,233.36*	
08 33 23 11-0069	EA	14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,124.97	1,568.97
		For 3/4" Insulated Slats, Add	*2,475.62*	
08 33 23 11-0070	EA	14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,670.09	1,692.58
		For 3/4" Insulated Slats, Add	*2,717.59*	
08 33 23 11-0071	EA	14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,727.19	1,847.11
		For 3/4" Insulated Slats, Add	*3,301.81*	
08 33 23 11-0072	EA	14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,846.09	2,032.53
		For 3/4" Insulated Slats, Add	*3,890.67*	
08 33 23 11-0073	EA	16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,134.67	1,413.39
		For 3/4" Insulated Slats, Add	*1,942.92*	
08 33 23 11-0074	EA	16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,553.66	1,475.20
		For 3/4" Insulated Slats, Add	*2,173.73*	
08 33 23 11-0075	EA	16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,932.12	1,537.01
		For 3/4" Insulated Slats, Add	*2,374.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0076	EA	16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,384.10	1,629.72
		For 3/4" Insulated Slats, Add	*2,587.95*	
08 33 23 11-0077	EA	16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,931.69	1,753.33
		For 3/4" Insulated Slats, Add	*2,831.77*	
08 33 23 11-0078	EA	16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,543.10	1,876.95
		For 3/4" Insulated Slats, Add	*3,123.45*	
08 33 23 11-0079	EA	16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,444.37	2,031.46
		For 3/4" Insulated Slats, Add	*3,590.80*	
08 33 23 11-0080	EA	16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,413.59	2,216.88
		For 3/4" Insulated Slats, Add	*4,067.40*	
08 33 23 11-0081	EA	18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,596.79	1,590.08
		For 3/4" Insulated Slats, Add	*2,050.96*	
08 33 23 11-0082	EA	18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,976.87	1,651.89
		For 3/4" Insulated Slats, Add	*2,252.58*	
08 33 23 11-0083	EA	18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,578.92	1,744.59
		For 3/4" Insulated Slats, Add	*2,578.96*	
08 33 23 11-0084	EA	18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,164.30	1,868.21
		For 3/4" Insulated Slats, Add	*2,851.11*	
08 33 23 11-0085	EA	18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,814.62	2,022.73
		For 3/4" Insulated Slats, Add	*3,130.26*	
08 33 23 11-0086	EA	18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,527.16	2,208.15
		For 3/4" Insulated Slats, Add	*3,414.35*	
08 33 23 11-0087	EA	18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,666.37	2,424.46
		For 3/4" Insulated Slats, Add	*3,976.72*	
08 33 23 11-0088	EA	18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,886.07	2,671.69
		For 3/4" Insulated Slats, Add	*4,557.74*	
08 33 23 11-0089	EA	20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,405.71	1,828.59
		For 3/4" Insulated Slats, Add	*2,335.65*	
08 33 23 11-0090	EA	20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,087.00	1,890.40
		For 3/4" Insulated Slats, Add	*2,763.18*	
08 33 23 11-0091	EA	20' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,091.62	2,235.75
		For 3/4" Insulated Slats, Add	*3,050.47*	
08 33 23 11-0092	EA	20' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,838.51	2,328.47
		For 3/4" Insulated Slats, Add	*3,485.48*	
08 33 23 11-0093	EA	20' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,745.75	2,452.08
		For 3/4" Insulated Slats, Add	*3,999.03*	
08 33 23 11-0094	EA	20' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,746.51	2,575.70
		For 3/4" Insulated Slats, Add	*4,582.73*	
08 33 23 11-0095	EA	20' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,813.51	2,730.21
		For 3/4" Insulated Slats, Add	*5,174.38*	
08 33 23 11-0096	EA	20' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,957.77	2,915.63
		For 3/4" Insulated Slats, Add	*5,782.25*	
08 33 23 11-0097	EA	22' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,132.21	2,164.68
		For 3/4" Insulated Slats, Add	*2,426.87*	
08 33 23 11-0098	EA	22' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,913.39	2,257.39
		For 3/4" Insulated Slats, Add	*2,887.59*	
08 33 23 11-0099	EA	22' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,019.72	2,459.32
		For 3/4" Insulated Slats, Add	*3,444.67*	
08 33 23 11-0100	EA	22' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,970.74	2,552.04
		For 3/4" Insulated Slats, Add	*4,032.77*	
08 33 23 11-0101	EA	22' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,986.49	2,675.65
		For 3/4" Insulated Slats, Add	*4,627.71*	
08 33 23 11-0102	EA	22' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,095.45	2,799.26
		For 3/4" Insulated Slats, Add	*5,292.55*	
08 33 23 11-0103	EA	22' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,269.28	2,953.78
		For 3/4" Insulated Slats, Add	*5,964.33*	
08 33 23 11-0104	EA	22' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,498.72	3,139.20
		For 3/4" Insulated Slats, Add	*6,636.09*	
08 33 23 11-0105	EA	24' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,857.51	2,381.14
		For 3/4" Insulated Slats, Add	*2,678.57*	
08 33 23 11-0106	EA	24' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,388.39	2,442.94
		For 3/4" Insulated Slats, Add	*2,993.28*	
08 33 23 11-0107	EA	24' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,483.12	2,504.75
		For 3/4" Insulated Slats, Add	*3,730.89*	
08 33 23 11-0108	EA	24' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,535.83	2,597.47
		For 3/4" Insulated Slats, Add	*4,395.26*	
08 33 23 11-0109	EA	24' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,612.19	2,721.08
		For 3/4" Insulated Slats, Add	*5,035.65*	
08 33 23 11-0110	EA	24' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,781.03	2,844.69
		For 3/4" Insulated Slats, Add	*5,745.41*	
08 33 23 11-0111	EA	24' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,214.73	3,014.66
		For 3/4" Insulated Slats, Add	*6,591.23*	
08 33 23 11-0112	EA	24' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,679.65	3,184.62
		For 3/4" Insulated Slats, Add	*7,460.45*	
08 33 23 11-0113		18 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*		
		Note: With curtain hood (barrel cover).		
08 33 23 11-0114	EA	14' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,580.28	1,229.04
		For 3/4" Insulated Slats, Add	*1,776.02*	
08 33 23 11-0115	EA	14' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,992.04	1,290.85
		For 3/4" Insulated Slats, Add	*2,001.40*	
08 33 23 11-0116	EA	14' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,480.44	1,352.65
		For 3/4" Insulated Slats, Add	*2,284.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0117	EA	14' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,982.74	1,445.36
		For 3/4" Insulated Slats, Add	*2,535.83*	
08 33 23 11-0118	EA	14' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,573.03	1,568.97
		For 3/4" Insulated Slats, Add	*2,811.67*	
08 33 23 11-0119	EA	14' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,162.83	1,692.58
		For 3/4" Insulated Slats, Add	*3,087.15*	
08 33 23 11-0120	EA	14' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,332.14	1,847.11
		For 3/4" Insulated Slats, Add	*3,755.53*	
08 33 23 11-0121	EA	14' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,563.26	2,032.53
		For 3/4" Insulated Slats, Add	*4,428.55*	
08 33 23 11-0122	EA	16' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,480.84	1,413.39
		For 3/4" Insulated Slats, Add	*2,202.55*	
08 33 23 11-0123	EA	16' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,944.15	1,475.20
		For 3/4" Insulated Slats, Add	*2,466.59*	
08 33 23 11-0124	EA	16' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,360.84	1,537.01
		For 3/4" Insulated Slats, Add	*2,695.67*	
08 33 23 11-0125	EA	16' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,852.81	1,629.72
		For 3/4" Insulated Slats, Add	*2,939.49*	
08 33 23 11-0126	EA	16' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,445.44	1,753.33
		For 3/4" Insulated Slats, Add	*3,217.08*	
08 33 23 11-0127	EA	16' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,111.49	1,876.95
		For 3/4" Insulated Slats, Add	*3,549.74*	
08 33 23 11-0128	EA	16' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,101.59	2,031.46
		For 3/4" Insulated Slats, Add	*4,083.71*	
08 33 23 11-0129	EA	16' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,160.56	2,216.88
		For 3/4" Insulated Slats, Add	*4,627.63*	
08 33 23 11-0130	EA	18' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,959.28	1,590.08
		For 3/4" Insulated Slats, Add	*2,322.83*	
08 33 23 11-0131	EA	18' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,377.83	1,651.89
		For 3/4" Insulated Slats, Add	*2,553.30*	
08 33 23 11-0132	EA	18' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,042.38	1,744.59
		For 3/4" Insulated Slats, Add	*2,926.55*	
08 33 23 11-0133	EA	18' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,678.48	1,868.21
		For 3/4" Insulated Slats, Add	*3,236.75*	
08 33 23 11-0134	EA	18' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,379.99	2,022.73
		For 3/4" Insulated Slats, Add	*3,554.29*	
08 33 23 11-0135	EA	18' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,143.78	2,208.15
		For 3/4" Insulated Slats, Add	*3,876.81*	
08 33 23 11-0136	EA	18' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,388.98	2,424.46
		For 3/4" Insulated Slats, Add	*4,518.67*	
08 33 23 11-0137	EA	18' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,717.47	2,671.69
		For 3/4" Insulated Slats, Add	*5,181.29*	
08 33 23 11-0138	EA	20' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,817.99	1,828.59
		For 3/4" Insulated Slats, Add	*2,644.86*	
08 33 23 11-0139	EA	20' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,582.92	1,890.40
		For 3/4" Insulated Slats, Add	*3,135.12*	
08 33 23 11-0140	EA	20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,493.86	2,235.75
		For 3/4" Insulated Slats, Add	*3,352.15*	
08 33 23 11-0141	EA	20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,303.13	2,328.47
		For 3/4" Insulated Slats, Add	*3,833.95*	
08 33 23 11-0142	EA	20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,283.71	2,452.08
		For 3/4" Insulated Slats, Add	*4,402.50*	
08 33 23 11-0143	EA	20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,368.21	2,575.70
		For 3/4" Insulated Slats, Add	*5,049.00*	
08 33 23 11-0144	EA	20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,519.41	2,730.21
		For 3/4" Insulated Slats, Add	*5,703.80*	
08 33 23 11-0145	EA	20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,749.59	2,915.63
		For 3/4" Insulated Slats, Add	*6,376.13*	
08 33 23 11-0146	EA	22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,443.64	2,164.68
		For 3/4" Insulated Slats, Add	*2,660.44*	
08 33 23 11-0147	EA	22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,291.01	2,257.39
		For 3/4" Insulated Slats, Add	*3,170.81*	
08 33 23 11-0148	EA	22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,475.39	2,459.32
		For 3/4" Insulated Slats, Add	*3,786.42*	
08 33 23 11-0149	EA	22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,511.47	2,552.04
		For 3/4" Insulated Slats, Add	*4,438.32*	
08 33 23 11-0150	EA	22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,612.62	2,675.65
		For 3/4" Insulated Slats, Add	*5,097.31*	
08 33 23 11-0151	EA	22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,817.32	2,799.26
		For 3/4" Insulated Slats, Add	*5,833.96*	
08 33 23 11-0152	EA	22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,087.25	2,953.78
		For 3/4" Insulated Slats, Add	*6,577.80*	
08 33 23 11-0153	EA	22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,412.07	3,139.20
		For 3/4" Insulated Slats, Add	*7,321.11*	
08 33 23 11-0154	EA	24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,201.42	2,381.14
		For 3/4" Insulated Slats, Add	*2,936.50*	
08 33 23 11-0155	EA	24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,777.55	2,442.94
		For 3/4" Insulated Slats, Add	*3,285.15*	
08 33 23 11-0156	EA	24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,980.18	2,504.75
		For 3/4" Insulated Slats, Add	*4,103.68*	
08 33 23 11-0157	EA	24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,129.26	2,597.47
		For 3/4" Insulated Slats, Add	*4,840.33*	
08 33 23 11-0158	EA	24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,297.75	2,721.08
		For 3/4" Insulated Slats, Add	*5,549.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0159	EA	24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,568.99	2,844.69
		For 3/4" Insulated Slats, Add	*6,336.38*	
08 33 23 11-0160	EA	24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,124.21	3,014.66
		For 3/4" Insulated Slats, Add	*7,273.34*	
08 33 23 11-0161	EA	24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,714.14	3,184.62
		For 3/4" Insulated Slats, Add	*8,236.32*	

08 33 23 11-0162 Aluminum Overhead Coiling Doors (Width x Height) *(08 33 23 11)*

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 23 11-0163 0.04" Aluminum Overhead Coiling Doors *(08 33 23 11-0162)*

08 33 23 11-0164	EA	4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,653.21	703.67
08 33 23 11-0165	EA	4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,853.60	742.77
08 33 23 11-0166	EA	4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,371.18	773.67
08 33 23 11-0167	EA	6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,256.82	820.96
08 33 23 11-0168	EA	6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,564.31	899.14
08 33 23 11-0169	EA	6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,777.28	930.04
08 33 23 11-0170	EA	6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,035.57	960.95
08 33 23 11-0171	EA	6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,328.05	1,007.30
08 33 23 11-0172	EA	8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,560.54	879.59
08 33 23 11-0173	EA	8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,882.39	938.23
08 33 23 11-0174	EA	8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,168.37	977.32
08 33 23 11-0175	EA	8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,426.88	1,008.23
08 33 23 11-0176	EA	8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,717.36	1,054.59
08 33 23 11-0177	EA	10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,262.53	1,016.41
08 33 23 11-0178	EA	10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,543.80	1,055.51
08 33 23 11-0179	EA	10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,917.82	1,117.31
08 33 23 11-0180	EA	10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,355.04	1,210.03
08 33 23 11-0181	EA	10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,032.85	1,333.64
08 33 23 11-0182	EA	10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,772.37	1,488.15
08 33 23 11-0183	EA	10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,569.58	1,673.57
08 33 23 11-0184	EA	10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,429.81	1,889.90
08 33 23 11-0185	EA	12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,538.70	1,055.51
08 33 23 11-0186	EA	12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,097.08	1,089.51
08 33 23 11-0187	EA	12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,602.88	1,151.31
08 33 23 11-0188	EA	12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,172.79	1,244.02
08 33 23 11-0189	EA	12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,940.83	1,367.63
08 33 23 11-0190	EA	12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,772.67	1,522.15
08 33 23 11-0191	EA	12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,378.59	1,707.57
08 33 23 11-0192	EA	12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	9,110.79	1,954.80

08 33 23 11-0193 0.05" Aluminum Overhead Coiling Doors *(08 33 23 11-0162)*

08 33 23 11-0194	EA	14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,186.76	1,229.04
08 33 23 11-0195	EA	14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,856.10	1,290.85
08 33 23 11-0196	EA	14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,512.56	1,352.65
08 33 23 11-0197	EA	14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,179.11	1,445.36
08 33 23 11-0198	EA	14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,949.49	1,568.97
08 33 23 11-0199	EA	14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,719.83	1,692.58
08 33 23 11-0200	EA	14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,563.30	1,847.11
08 33 23 11-0201	EA	14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,468.71	2,032.53
08 33 23 11-0202	EA	16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,047.96	1,413.39
08 33 23 11-0203	EA	16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,747.98	1,475.20
08 33 23 11-0204	EA	16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,418.94	1,537.01
08 33 23 11-0205	EA	16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,172.71	1,629.72
08 33 23 11-0206	EA	16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,046.43	1,753.33
08 33 23 11-0207	EA	16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,968.54	1,876.95
08 33 23 11-0208	EA	16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,913.71	2,031.46
08 33 23 11-0209	EA	16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,870.66	2,216.88
08 33 23 11-0210	EA	18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,758.19	1,590.08
08 33 23 11-0211	EA	18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,508.27	1,651.89
08 33 23 11-0212	EA	18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,393.44	1,744.59
08 33 23 11-0213	EA	18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,327.86	1,868.21
08 33 23 11-0214	EA	18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,334.40	2,022.73
08 33 23 11-0215	EA	18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,396.31	2,208.15
08 33 23 11-0216	EA	18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,518.40	2,424.46
08 33 23 11-0217	EA	18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,708.74	2,671.69
08 33 23 11-0218	EA	20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,719.60	1,828.59
08 33 23 11-0219	EA	20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,484.21	1,890.40
08 33 23 11-0220	EA	20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,740.11	1,983.10
08 33 23 11-0221	EA	20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,620.30	2,106.71
08 33 23 11-0222	EA	20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,714.02	2,261.24
08 33 23 11-0223	EA	20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,898.62	2,446.66
08 33 23 11-0224	EA	20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,093.35	2,662.97
08 33 23 11-0225	EA	20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,383.82	2,910.20
08 33 23 11-0226	EA	22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,113.43	2,164.68
08 33 23 11-0227	EA	22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,119.06	2,257.39
08 33 23 11-0228	EA	22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,459.51	2,459.32
08 33 23 11-0229	EA	22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,560.40	2,552.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0230	EA	22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,721.51	2,675.65
08 33 23 11-0231	EA	22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,893.89	2,799.26
08 33 23 11-0232	EA	22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	16,066.76	2,953.78
08 33 23 11-0233	EA	22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	17,309.46	3,139.20
08 33 23 11-0234	EA	24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,045.32	2,381.14
08 33 23 11-0235	EA	24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,661.39	2,442.94
08 33 23 11-0236	EA	24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,144.55	2,504.75
08 33 23 11-0237	EA	24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,377.83	2,597.47
08 33 23 11-0238	EA	24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,606.75	2,721.08
08 33 23 11-0239	EA	24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,835.67	2,844.69
08 33 23 11-0240	EA	24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	17,294.30	2,999.20
08 33 23 11-0241	EA	24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	18,863.20	3,184.62

08 33 23 11-0242 Overhead Coiling Door Accessories *(08 33 23 11)*

08 33 23 11-0243	LF	Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only	4.66	1.26
08 33 23 11-0244	LF	Top Of Door (Lintel), Weather Strip Seal For Coiling Doors	32.30	1.51
08 33 23 11-0245	LF	Side Of Door (Guides), Weather Strip Seal For Coiling Doors	30.78	1.51
08 33 23 11-0246	EA	Cylinder Lock For Coiling Doors	246.19	62.83
08 33 23 11-0247	EA	Up To 12' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	1,706.18	201.06
08 33 23 11-0248	EA	Up To 12' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,171.33	201.06
08 33 23 11-0249	EA	>12' To 18' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,023.98	226.20
08 33 23 11-0250	EA	>12' To 18' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,405.89	226.20
08 33 23 11-0251	EA	>18' To 24' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,620.88	251.33
08 33 23 11-0252	EA	>18' To 24' Height, 1 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,852.57	251.33
08 33 23 11-0253	LF	Safety Edge Bottom Bar Obstruction Detection Device, Electric For Coiling Doors And Grilles	118.02	
08 33 23 11-0254	EA	Remote Transmitter Kit For Coiling Door Operators	325.01	100.53

08 33 23 11-0255 Removal And Reinstallation Of Roll-Up Door And Support *(08 33 23 11)*

Note: Includes storage, cleaning and supply materials.

08 33 23 11-0256	SF	Removal And Reinstallation Of Metal Roll-up Door And Supports	21.73	

08 33 23 13 Overhead Rapid Coiling Doors *(08 33 23)*

Note: Includes panels, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-1039 for forklift.

08 33 23 13-0001 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13)*

Note: Door panel is 32 ounce vinyl. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Manual drive system.

08 33 23 13-0002 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0001)*

08 33 23 13-0003 5' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

08 33 23 13-0004	EA	5' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	3,923.16	367.94
08 33 23 13-0005	EA	5' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,135.48	385.03
08 33 23 13-0006	EA	5' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,346.43	402.13
08 33 23 13-0007	EA	5' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,555.99	419.22
08 33 23 13-0008	EA	5' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,768.31	436.31
08 33 23 13-0009	EA	5' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,979.26	453.40

08 33 23 13-0010 6' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

08 33 23 13-0011	EA	6' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,135.48	385.03
08 33 23 13-0012	EA	6' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,346.43	402.13
08 33 23 13-0013	EA	6' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,555.99	419.22
08 33 23 13-0014	EA	6' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,768.31	436.31
08 33 23 13-0015	EA	6' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,979.26	453.40
08 33 23 13-0016	EA	6' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,190.21	470.49

08 33 23 13-0017 7' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

08 33 23 13-0018	EA	7' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,346.43	402.13
08 33 23 13-0019	EA	7' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,555.99	419.22
08 33 23 13-0020	EA	7' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,768.31	436.31
08 33 23 13-0021	EA	7' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,979.26	453.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0022	EA	7' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,190.21	470.49
08 33 23 13-0023	EA	7' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,402.54	487.58
08 33 23 13-0024		8' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0025	EA	8' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,555.99	419.22
08 33 23 13-0026	EA	8' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,768.31	436.31
08 33 23 13-0027	EA	8' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,979.26	453.40
08 33 23 13-0028	EA	8' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,190.21	470.49
08 33 23 13-0029	EA	8' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,402.54	487.58
08 33 23 13-0030	EA	8' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,612.09	504.67
08 33 23 13-0031		9' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0032	EA	9' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,768.31	436.31
08 33 23 13-0033	EA	9' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,979.26	453.40
08 33 23 13-0034	EA	9' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,190.21	470.49
08 33 23 13-0035	EA	9' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,402.54	487.58
08 33 23 13-0036	EA	9' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,612.09	504.67
08 33 23 13-0037	EA	9' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,824.41	521.76
08 33 23 13-0038		10' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*		
08 33 23 13-0039	EA	10' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	4,979.26	453.40
08 33 23 13-0040	EA	10' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,190.21	470.49
08 33 23 13-0041	EA	10' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,402.54	487.58
08 33 23 13-0042	EA	10' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,612.09	504.67
08 33 23 13-0043	EA	10' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,824.41	521.76
08 33 23 13-0044	EA	10' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,035.36	538.85
08 33 23 13-0045		Rytec® Bantam® Door Options *(08 33 23 13-0001)*		
08 33 23 13-0046	SF	Upgrade To 2-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors	8.63	
08 33 23 13-0047	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors	18.99	
08 33 23 13-0048	LF	31" High Full Vision Panel For Rytec® Bantam® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	27.62	
08 33 23 13-0049	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Bantam® High-Speed Rolling Doors	262.38	
08 33 23 13-0050	EA	Roll Cover For Rytec® Bantam® High-Speed Rolling Doors	514.82	50.26
08 33 23 13-0051	EA	Motor Cover For Rytec® Bantam® High-Speed Rolling Doors	514.82	50.26
08 33 23 13-0052	EA	Motor Operator For Rytec® Bantam® High-Speed Rolling Doors Note: Includes open/close/stop pushbutton, pneumatic reversing edge and coil cord.	2,168.94	100.53
08 33 23 13-0053	EA	Additional NEMA 4 Pushbutton Control For Rytec® Bantam® Motor Operator Note: Includes open/close/stop control.	280.06	50.26
08 33 23 13-0054	EA	Auto Close Feature For Rytec® Bantam® Motor Operator	273.15	50.26
08 33 23 13-0055		2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13)* Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.		
08 33 23 13-0056		2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0055)*		
08 33 23 13-0057		6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0058	EA	6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,908.24	402.13
08 33 23 13-0059	EA	6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,103.53	419.22
08 33 23 13-0060	EA	6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,328.23	436.31
08 33 23 13-0061	EA	6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,639.88	453.40
08 33 23 13-0062	EA	6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,957.94	470.49
08 33 23 13-0063	EA	6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,490.80	487.58
08 33 23 13-0064	EA	6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,870.21	504.67
08 33 23 13-0065		7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0056)*		
08 33 23 13-0066	EA	7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,145.73	419.22
08 33 23 13-0067	EA	7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,393.44	436.31
08 33 23 13-0068	EA	7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,703.82	453.40
08 33 23 13-0069	EA	7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,032.10	470.49
08 33 23 13-0070	EA	7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,463.95	487.58
08 33 23 13-0071	EA	7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,984.01	504.67
08 33 23 13-0072	EA	7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,395.40	521.76

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0073		**8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0074	EA	8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,434.36	436.31
08 33 23 13-0075	EA	8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,743.46	453.40
08 33 23 13-0076	EA	8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,084.53	470.49
08 33 23 13-0077	EA	8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,529.16	487.58
08 33 23 13-0078	EA	8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,930.31	504.67
08 33 23 13-0079	EA	8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,496.42	521.76
08 33 23 13-0080	EA	8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,961.51	538.85
08 33 23 13-0081		**9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0082	EA	9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,785.65	453.40
08 33 23 13-0083	EA	9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,124.17	470.49
08 33 23 13-0084	EA	9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,568.80	487.58
08 33 23 13-0085	EA	9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,982.74	504.67
08 33 23 13-0086	EA	9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,417.14	521.76
08 33 23 13-0087	EA	9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,868.17	538.85
08 33 23 13-0088	EA	9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,362.67	555.94
08 33 23 13-0089		**10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0090	EA	10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,157.41	470.49
08 33 23 13-0091	EA	10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,611.00	487.58
08 33 23 13-0092	EA	10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,021.10	504.67
08 33 23 13-0093	EA	10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,459.34	521.76
08 33 23 13-0094	EA	10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,944.89	538.85
08 33 23 13-0095	EA	10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,045.56	555.94
08 33 23 13-0096	EA	10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,868.68	573.03
08 33 23 13-0097		**11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0098	EA	11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,635.29	487.58
08 33 23 13-0099	EA	11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,055.62	504.67
08 33 23 13-0100	EA	11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,498.98	521.76
08 33 23 13-0101	EA	11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,985.81	538.85
08 33 23 13-0102	EA	11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,306.41	555.94
08 33 23 13-0103	EA	11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,937.73	573.03
08 33 23 13-0104	EA	11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,455.26	590.12
08 33 23 13-0105		**12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0106	EA	12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,067.13	504.67
08 33 23 13-0107	EA	12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,521.99	521.76
08 33 23 13-0108	EA	12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,017.77	538.85
08 33 23 13-0109	EA	12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,349.88	555.94
08 33 23 13-0110	EA	12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,785.57	573.03
08 33 23 13-0111	EA	12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,514.07	590.12
08 33 23 13-0112	EA	12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,021.36	607.20
08 33 23 13-0113		**Rytec® PredaDoor® Door Options** *(08 33 23 13-0055)*		
08 33 23 13-0114	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	616.63	100.53
08 33 23 13-0115	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	891.54	100.53
08 33 23 13-0116	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors	10.36	
08 33 23 13-0117		**3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)** *(08 33 23 13)*		

Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.

08 33 23 13-0118 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0117)*

08 33 23 13-0119 8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0120	EA	8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,122.86	904.78
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0121	EA	8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,942.61	930.42
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0122	EA	8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,657.51	956.05
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0123	EA	8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,426.12	981.69
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0124	EA	8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,297.02	1,007.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0125	EA	8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,756.19	1,032.96
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0126	EA	8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,471.09	1,058.60
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0127	EA	8' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,109.05	1,086.12
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0128	EA	8' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,122.54	1,114.35
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0129	EA	8' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,942.78	1,143.33
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0130	EA	8' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,957.86	1,173.05
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0131		9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0132	EA	9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,942.61	930.42
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0133	EA	9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,657.51	956.05
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	

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08 33 23 13-0134	EA	9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,426.12	981.69
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0135	EA	9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,297.02	1,007.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0136	EA	9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,756.19	1,032.96
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0137	EA	9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,471.09	1,058.60
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0138	EA	9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,391.85	1,084.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0139	EA	9' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,122.54	1,114.35
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0140	EA	9' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,942.78	1,143.33
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0141	EA	9' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,957.86	1,173.05
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0142	EA	9' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,166.45	1,203.55
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0143		10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0144	EA	10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,657.51	956.05
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0145	EA	10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,426.12	981.69
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0146	EA	10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,297.02	1,007.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0147	EA	10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,756.19	1,032.96
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0148	EA	10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,471.09	1,058.60
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0149	EA	10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,391.85	1,084.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0150	EA	10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,261.48	1,109.87
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0151	EA	10' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,941.67	1,142.77
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0152	EA	10' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,956.72	1,172.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0153	EA	10' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,165.28	1,202.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0154	EA	10' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,184.83	1,234.25
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0155		11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0156	EA	11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,426.12	981.69
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0157	EA	11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,297.02	1,007.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0158	EA	11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,756.19	1,032.96
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0159	EA	11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,471.09	1,058.60
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0160	EA	11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,391.85	1,084.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0161	EA	11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,261.48	1,109.87
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0162	EA	11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,233.39	1,135.50
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0163	EA	11' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,953.97	1,171.12
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0164	EA	11' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,162.47	1,201.56
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0165	EA	11' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,181.95	1,232.80
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0166	EA	11' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,392.26	1,264.85
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	

08 33 23 13-0167 12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0168	EA	12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,297.02	1,007.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0169	EA	12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,756.19	1,032.96
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0170	EA	12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,471.09	1,058.60
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0171	EA	12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,391.85	1,084.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0172	EA	12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,261.48	1,109.87
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0173	EA	12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,233.39	1,135.50
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0174	EA	12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,932.95	1,161.14
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0175	EA	12' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,158.25	1,199.45
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0176	EA	12' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,177.62	1,230.64
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0177	EA	12' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,387.82	1,262.64
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0178	EA	12' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,599.68	1,295.47
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0179		13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0180	EA	13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,283.00	1,032.96
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0181	EA	13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,196.10	1,058.60
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0182	EA	13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,061.87	1,084.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0183	EA	13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,067.04	1,109.87
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0184	EA	13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,068.36	1,135.50
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0185	EA	13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,812.67	1,161.14
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0186	EA	13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,379.25	1,186.78
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0187	EA	13' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,250.82	1,227.88
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0188	EA	13' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,462.25	1,259.80
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0189	EA	13' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,679.49	1,292.57
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0190	EA	13' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,752.04	1,326.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0191		14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0192	EA	14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,196.10	1,058.60
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0193	EA	14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,061.87	1,084.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0194	EA	14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,067.04	1,109.87
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0195	EA	14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,068.36	1,135.50
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0196	EA	14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,812.67	1,161.14
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0197	EA	14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,379.25	1,186.78
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0198	EA	14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,219.46	1,212.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0199	EA	14' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,455.14	1,256.25
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0200	EA	14' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,672.18	1,288.91
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0201	EA	14' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,744.55	1,322.42
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0202	EA	14' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,073.95	1,356.81
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0203		15' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0204	EA	15' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,011.02	1,058.60
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0205	EA	15' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,016.54	1,084.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0206	EA	15' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,017.91	1,109.87
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0207	EA	15' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,762.43	1,135.50
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0208	EA	15' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,328.80	1,161.14
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0209	EA	15' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,168.60	1,186.78
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0210	EA	15' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,423.22	1,240.30
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0211	EA	15' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,664.65	1,285.14
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0212	EA	15' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,736.82	1,318.55
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0213	EA	15' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,066.02	1,352.84
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0214	EA	15' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,706.53	1,388.01
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0215		16' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0216	EA	16' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,063.78	1,107.85
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0217	EA	16' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,067.54	1,134.68
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0218	EA	16' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,814.45	1,161.50
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0219	EA	16' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,383.20	1,188.34
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0220	EA	16' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,225.39	1,215.16
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0221	EA	16' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,426.62	1,241.99
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0222	EA	16' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,632.01	1,268.82
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0223	EA	16' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,729.11	1,314.69
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0224	EA	16' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,058.11	1,348.88
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0225	EA	16' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,698.41	1,383.95
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0226	EA	16' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,348.82	1,419.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0227		17' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0228	EA	17' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,973.69	1,133.33
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0229	EA	17' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,812.98	1,160.78
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0230	EA	17' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,827.64	1,188.22
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0231	EA	17' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,941.73	1,215.67
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0232	EA	17' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,964.68	1,243.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0233	EA	17' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,483.39	1,270.56
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0234	EA	17' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,946.87	1,298.00
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0235	EA	17' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,050.22	1,344.94
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0236	EA	17' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,690.32	1,379.90
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0237	EA	17' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,340.52	1,415.78
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0238	EA	17' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,941.48	1,452.59
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0239		18' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0240	EA	18' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,078.13	1,159.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0241	EA	18' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,185.19	1,187.47
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0242	EA	18' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,390.31	1,215.55
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0243	EA	18' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,591.28	1,243.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0244	EA	18' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,843.35	1,271.71
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0245	EA	18' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,620.19	1,299.78
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0246	EA	18' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,446.74	1,327.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0247	EA	18' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,352.01	1,375.87
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0248	EA	18' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,332.23	1,411.65
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0249	EA	18' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,887.41	1,448.35
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0250	EA	18' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,492.84	1,486.00
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0251		19' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0252	EA	19' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,182.37	1,186.06
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0253	EA	19' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,388.78	1,214.78
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0254	EA	19' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,591.04	1,243.51
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0255	EA	19' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,844.41	1,272.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0256	EA	19' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,622.53	1,300.95
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0257	EA	19' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,450.38	1,329.67
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0258	EA	19' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,317.08	1,358.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0259	EA	19' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,323.98	1,407.51
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0260	EA	19' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,878.95	1,444.10
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0261	EA	19' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,484.15	1,481.65
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0262	EA	19' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,091.31	1,520.18
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0263		20' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0264	EA	20' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,385.90	1,213.34
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0265	EA	20' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,589.48	1,242.72
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0266	EA	20' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,844.17	1,272.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0267	EA	20' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,623.61	1,301.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0268	EA	20' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,452.78	1,330.88
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0269	EA	20' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,320.80	1,360.25
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0270	EA	20' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,288.23	1,389.64
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0271	EA	20' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,870.50	1,439.88
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0272	EA	20' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,475.49	1,477.33
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0273	EA	20' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,082.41	1,515.73
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0274	EA	20' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,498.01	1,555.14
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0275		21' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0276	EA	21' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,709.83	1,301.36
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0277	EA	21' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,490.63	1,331.42
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0278	EA	21' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,319.75	1,361.48
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0279	EA	21' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	41,191.88	1,391.54
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0280	EA	21' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,159.30	1,421.60
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0281	EA	21' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,743.88	1,473.01
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0282	EA	21' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	45,350.59	1,511.30
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0283	EA	21' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,959.28	1,550.60
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0284	EA	21' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	48,376.69	1,590.91
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0285		22' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0286	EA	22' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,106.46	1,331.30
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0287	EA	22' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,890.02	1,362.05
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0288	EA	22' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	41,719.16	1,392.80
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0289	EA	22' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,591.28	1,423.55
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0290	EA	22' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,562.84	1,454.30
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0291	EA	22' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	45,149.80	1,506.88
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0292	EA	22' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,758.27	1,546.06
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0293	EA	22' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	48,367.39	1,586.26
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0294	EA	22' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,788.02	1,627.51
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0295		23' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0296	EA	23' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,505.85	1,361.92
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0297	EA	23' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	41,289.46	1,393.38
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0298	EA	23' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,121.38	1,424.84
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0299	EA	23' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,994.92	1,456.29
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0300	EA	23' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	44,966.53	1,487.75
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0301	EA	23' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,557.26	1,541.54
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0302	EA	23' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	48,166.15	1,581.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0303	EA	23' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,778.51	1,622.74
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0304	EA	23' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,201.05	1,664.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0305 24' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0306	EA	24' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,905.28	1,393.25
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0307	EA	24' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,690.32	1,425.42
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0308	EA	24' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	44,525.08	1,457.61
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0309	EA	24' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	45,400.08	1,489.78
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0310	EA	24' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,371.73	1,521.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0311	EA	24' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,963.57	1,577.00
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0312	EA	24' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,575.69	1,617.99
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0313	EA	24' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,191.31	1,660.07
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0314	EA	24' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	52,613.02	1,703.23
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0315 Rytec® Fast-Seal® Door Options *(08 33 23 13-0117)*

08 33 23 13-0316	LF	Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	38.36
08 33 23 13-0317	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	415.57
08 33 23 13-0318	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	690.48
08 33 23 13-0319	EA	>15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	1,015.42
08 33 23 13-0320	EA	>20' To 24' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	1,519.06
08 33 23 13-0321	EA	One 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	242.95
08 33 23 13-0322	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 90" wide.	479.50
08 33 23 13-0323	EA	Three 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 102" wide.	607.37
08 33 23 13-0324	EA	Four 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 136" wide.	959.00

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0325	EA	One 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	281.31	
08 33 23 13-0326	EA	Two 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 108" wide.	556.22	
08 33 23 13-0327	EA	Three 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 144" wide.	690.48	
08 33 23 13-0328	EA	Four 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 192" wide.	1,112.44	
08 33 23 13-0329	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 8' Or 10'	719.55	
		For 304 Stainless Steel, Add	*115.13*	
		For 316 Stainless Steel, Add	*503.69*	
08 33 23 13-0330	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 12' Or 14'	935.42	
		For 304 Stainless Steel, Add	*149.67*	
		For 316 Stainless Steel, Add	*654.79*	
08 33 23 13-0331	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 16' Or 18'	1,223.24	
		For 304 Stainless Steel, Add	*195.72*	
		For 316 Stainless Steel, Add	*856.27*	
08 33 23 13-0332	EA	Through Wall Brake Release	142.91	
08 33 23 13-0333	EA	Explosion Proof Upgrade Package: Control Box, Motor, Rotary Limit Switch, Photo-eyes, Safety Bar, Push Buttons	20,651.08	
		For NEMA 12 Control Box Mounted Outside Explosion Proof Area, Deduct	*-6,200.00*	

08 33 23 13-0334 High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13)*

Note: Rytec® Powerhouse™. Door panel is styrene butadiene rubber (SBR) panel 1/4" thick, made of two 1/8" thick layers, 60 durometer; sandwiched with 1-ply, 110 lbs polyester cord center. Panel includes bonded SBR beveled segmented windlocks to allow the door panel to effectively release from the side frame in case of accidental impact. Vertical orange stripes for visual safety awareness. Side frames are structural columns consisting of 5 x 2 x 1/4" structural steel tubing, welded to a reinforced 0.22" thick steel 'Z' mounting bracket and 0.18" thick steel hinged cover. Drive system is a 480 volt, 3-phase variable speed AC Drive motor with brake and absolute encoder. Opens at up to 60" per second and closes at 21" per second.

08 33 23 13-0335 High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0334)*

08 33 23 13-0336 8' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*

08 33 23 13-0337	EA	8' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	23,905.01	904.78
08 33 23 13-0338	EA	8' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,119.24	930.42
08 33 23 13-0339	EA	8' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,495.03	956.05
08 33 23 13-0340	EA	8' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,870.84	981.69
08 33 23 13-0341	EA	8' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,248.02	1,007.32
08 33 23 13-0342	EA	8' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,623.81	1,032.96
08 33 23 13-0343	EA	8' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,836.66	1,058.60
08 33 23 13-0344	EA	8' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,217.62	1,086.12
08 33 23 13-0345	EA	8' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,923.14	1,114.36
08 33 23 13-0346	EA	8' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,144.05	1,143.33
08 33 23 13-0347	EA	8' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,690.97	1,173.06

08 33 23 13-0348 9' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*

08 33 23 13-0349	EA	9' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,119.24	930.42
08 33 23 13-0350	EA	9' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,332.08	956.05
08 33 23 13-0351	EA	9' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	24,709.27	981.69
08 33 23 13-0352	EA	9' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,248.02	1,007.32
08 33 23 13-0353	EA	9' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,460.86	1,032.96
08 33 23 13-0354	EA	9' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,836.66	1,058.60
08 33 23 13-0355	EA	9' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,213.84	1,084.23
08 33 23 13-0356	EA	9' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,598.61	1,114.36
08 33 23 13-0357	EA	9' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,468.58	1,143.33
08 33 23 13-0358	EA	9' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,341.41	1,173.06
08 33 23 13-0359	EA	9' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,214.42	1,203.56

08 33 23 13-0360 10' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*

08 33 23 13-0361	EA	10' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,307.04	956.05
08 33 23 13-0362	EA	10' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,521.27	981.69
08 33 23 13-0363	EA	10' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,897.07	1,007.32
08 33 23 13-0364	EA	10' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,435.82	1,032.96
08 33 23 13-0365	EA	10' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,811.62	1,058.60
08 33 23 13-0366	EA	10' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,188.80	1,084.23
08 33 23 13-0367	EA	10' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,564.59	1,109.87
08 33 23 13-0368	EA	10' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,117.90	1,142.77
08 33 23 13-0369	EA	10' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,826.37	1,172.49
08 33 23 13-0370	EA	10' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,862.29	1,202.97
08 33 23 13-0371	EA	10' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,738.25	1,234.24

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0372		11' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0373	EA	11' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,358.32	981.69
08 33 23 13-0374	EA	11' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,734.12	1,007.32
08 33 23 13-0375	EA	11' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,111.30	1,032.96
08 33 23 13-0376	EA	11' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,650.05	1,058.60
08 33 23 13-0377	EA	11' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,025.84	1,084.23
08 33 23 13-0378	EA	11' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,401.64	1,109.87
08 33 23 13-0379	EA	11' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,266.30	1,135.50
08 33 23 13-0380	EA	11' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,311.10	1,171.11
08 33 23 13-0381	EA	11' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,346.97	1,201.56
08 33 23 13-0382	EA	11' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,384.41	1,232.81
08 33 23 13-0383	EA	11' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,260.52	1,264.85
08 33 23 13-0384		12' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0385	EA	12' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,572.54	1,007.32
08 33 23 13-0386	EA	12' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,948.34	1,032.96
08 33 23 13-0387	EA	12' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,324.14	1,058.60
08 33 23 13-0388	EA	12' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,862.89	1,084.23
08 33 23 13-0389	EA	12' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,401.64	1,109.87
08 33 23 13-0390	EA	12' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,427.87	1,135.50
08 33 23 13-0391	EA	12' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,454.10	1,161.14
08 33 23 13-0392	EA	12' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,505.71	1,199.46
08 33 23 13-0393	EA	12' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,704.60	1,230.64
08 33 23 13-0394	EA	12' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,743.56	1,262.64
08 33 23 13-0395	EA	12' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,784.18	1,295.47
08 33 23 13-0396		13' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0397	EA	13' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	25,948.34	1,032.96
08 33 23 13-0398	EA	13' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,162.57	1,058.60
08 33 23 13-0399	EA	13' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,538.36	1,084.23
08 33 23 13-0400	EA	13' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,240.07	1,109.87
08 33 23 13-0401	EA	13' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,427.87	1,135.50
08 33 23 13-0402	EA	13' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,617.06	1,161.14
08 33 23 13-0403	EA	13' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,643.29	1,186.78
08 33 23 13-0404	EA	13' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,862.05	1,227.88
08 33 23 13-0405	EA	13' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,063.81	1,259.80
08 33 23 13-0406	EA	13' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,265.86	1,292.57
08 33 23 13-0407	EA	13' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,308.03	1,326.17
08 33 23 13-0408		14' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0409	EA	14' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,162.57	1,058.60
08 33 23 13-0410	EA	14' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,375.41	1,084.23
08 33 23 13-0411	EA	14' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	26,914.16	1,109.87
08 33 23 13-0412	EA	14' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,940.39	1,135.50
08 33 23 13-0413	EA	14' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,454.10	1,161.14
08 33 23 13-0414	EA	14' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,643.29	1,186.78
08 33 23 13-0415	EA	14' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,994.05	1,212.40
08 33 23 13-0416	EA	14' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,218.25	1,256.25
08 33 23 13-0417	EA	14' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,421.50	1,288.91
08 33 23 13-0418	EA	14' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,625.06	1,322.41
08 33 23 13-0419	EA	14' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,994.69	1,356.80
08 33 23 13-0420		15' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0421	EA	15' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,186.22	1,082.94
08 33 23 13-0422	EA	15' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,563.20	1,109.17
08 33 23 13-0423	EA	15' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,103.13	1,135.39
08 33 23 13-0424	EA	15' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,804.64	1,161.61
08 33 23 13-0425	EA	15' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,482.49	1,187.84
08 33 23 13-0426	EA	15' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,834.41	1,214.06
08 33 23 13-0427	EA	15' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,186.36	1,240.30
08 33 23 13-0428	EA	15' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,413.98	1,285.14
08 33 23 13-0429	EA	15' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,780.29	1,318.54
08 33 23 13-0430	EA	15' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,148.34	1,352.84
08 33 23 13-0431	EA	15' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,518.18	1,388.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0432		**16' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0433	EA	16' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,397.61	1,107.85
08 33 23 13-0434	EA	16' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,938.75	1,134.68
08 33 23 13-0435	EA	16' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,479.89	1,161.50
08 33 23 13-0436	EA	16' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,833.03	1,188.33
08 33 23 13-0437	EA	16' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,673.66	1,215.16
08 33 23 13-0438	EA	16' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,028.18	1,241.99
08 33 23 13-0439	EA	16' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,381.33	1,268.81
08 33 23 13-0440	EA	16' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,772.58	1,314.69
08 33 23 13-0441	EA	16' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,140.42	1,348.88
08 33 23 13-0442	EA	16' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,510.06	1,383.95
08 33 23 13-0443	EA	16' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,044.47	1,419.93
08 33 23 13-0444		**17' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0445	EA	17' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	27,774.47	1,133.33
08 33 23 13-0446	EA	17' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,153.89	1,160.78
08 33 23 13-0447	EA	17' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,508.26	1,188.22
08 33 23 13-0448	EA	17' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,862.64	1,215.67
08 33 23 13-0449	EA	17' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,704.50	1,243.11
08 33 23 13-0450	EA	17' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,221.84	1,270.56
08 33 23 13-0451	EA	17' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,576.22	1,298.00
08 33 23 13-0452	EA	17' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,132.54	1,344.94
08 33 23 13-0453	EA	17' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,501.97	1,379.90
08 33 23 13-0454	EA	17' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,036.17	1,415.78
08 33 23 13-0455	EA	17' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,572.22	1,452.60
08 33 23 13-0456		**18' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0457	EA	18' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,151.14	1,159.40
08 33 23 13-0458	EA	18' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,531.82	1,187.47
08 33 23 13-0459	EA	18' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,374.93	1,215.56
08 33 23 13-0460	EA	18' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,893.53	1,243.62
08 33 23 13-0461	EA	18' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,736.66	1,271.70
08 33 23 13-0462	EA	18' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,255.26	1,299.78
08 33 23 13-0463	EA	18' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,936.80	1,327.86
08 33 23 13-0464	EA	18' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,493.90	1,375.87
08 33 23 13-0465	EA	18' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,027.88	1,411.64
08 33 23 13-0466	EA	18' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,563.72	1,448.35
08 33 23 13-0467	EA	18' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,101.49	1,486.00
08 33 23 13-0468		**19' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0469	EA	19' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	28,853.52	1,186.06
08 33 23 13-0470	EA	19' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,398.45	1,214.79
08 33 23 13-0471	EA	19' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,405.81	1,243.51
08 33 23 13-0472	EA	19' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,925.71	1,272.23
08 33 23 13-0473	EA	19' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,933.07	1,300.96
08 33 23 13-0474	EA	19' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,452.96	1,329.68
08 33 23 13-0475	EA	19' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,134.43	1,358.40
08 33 23 13-0476	EA	19' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,695.10	1,407.51
08 33 23 13-0477	EA	19' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,392.31	1,444.11
08 33 23 13-0478	EA	19' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,929.84	1,481.66
08 33 23 13-0479	EA	19' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,632.28	1,520.19
08 33 23 13-0480		**20' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0481	EA	20' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	29,883.04	1,213.34
08 33 23 13-0482	EA	20' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,429.30	1,242.72
08 33 23 13-0483	EA	20' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,275.03	1,272.11
08 33 23 13-0484	EA	20' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,959.20	1,301.48
08 33 23 13-0485	EA	20' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,967.88	1,330.87
08 33 23 13-0486	EA	20' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,650.67	1,360.26
08 33 23 13-0487	EA	20' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,334.82	1,389.65
08 33 23 13-0488	EA	20' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,059.33	1,439.89
08 33 23 13-0489	EA	20' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,759.61	1,477.33
08 33 23 13-0490	EA	20' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,460.44	1,515.73
08 33 23 13-0491	EA	20' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,163.28	1,555.14
08 33 23 13-0492		**21' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0493	EA	21' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,101.82	1,241.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0494	EA	21' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,624.38	1,271.31
08 33 23 13-0495	EA	21' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,146.94	1,301.36
08 33 23 13-0496	EA	21' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,994.02	1,331.42
08 33 23 13-0497	EA	21' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,004.05	1,361.48
08 33 23 13-0498	EA	21' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,851.14	1,391.54
08 33 23 13-0499	EA	21' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,535.28	1,421.60
08 33 23 13-0500	EA	21' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,425.06	1,473.01
08 33 23 13-0501	EA	21' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,127.06	1,511.31
08 33 23 13-0502	EA	21' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,829.65	1,550.60
08 33 23 13-0503	EA	21' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,697.25	1,590.91

08 33 23 13-0504 22' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*

08 33 23 13-0505	EA	22' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,483.44	1,269.80
08 33 23 13-0506	EA	22' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,844.42	1,300.56
08 33 23 13-0507	EA	22' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,181.76	1,331.29
08 33 23 13-0508	EA	22' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,030.22	1,362.05
08 33 23 13-0509	EA	22' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,203.23	1,392.80
08 33 23 13-0510	EA	22' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,051.69	1,423.56
08 33 23 13-0511	EA	22' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,738.60	1,454.29
08 33 23 13-0512	EA	22' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,630.73	1,506.88
08 33 23 13-0513	EA	22' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,496.05	1,546.06
08 33 23 13-0514	EA	22' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,363.41	1,586.26
08 33 23 13-0515	EA	22' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,232.87	1,627.50

08 33 23 13-0516 23' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*

08 33 23 13-0517	EA	23' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,679.77	1,299.00
08 33 23 13-0518	EA	23' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,879.21	1,330.47
08 33 23 13-0519	EA	23' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,055.00	1,361.92
08 33 23 13-0520	EA	23' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,067.83	1,393.38
08 33 23 13-0521	EA	23' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,242.26	1,424.83
08 33 23 13-0522	EA	23' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,092.14	1,456.29
08 33 23 13-0523	EA	23' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,104.98	1,487.75
08 33 23 13-0524	EA	23' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,999.53	1,541.55
08 33 23 13-0525	EA	23' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,866.66	1,581.62
08 33 23 13-0526	EA	23' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,898.84	1,622.74
08 33 23 13-0527	EA	23' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	50,770.19	1,664.93

08 33 23 13-0528 24' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*

08 33 23 13-0529	EA	24' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,714.49	1,328.88
08 33 23 13-0530	EA	24' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,590.86	1,361.06
08 33 23 13-0531	EA	24' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,092.61	1,393.25
08 33 23 13-0532	EA	24' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,943.94	1,425.42
08 33 23 13-0533	EA	24' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,282.75	1,457.61
08 33 23 13-0534	EA	24' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,297.05	1,489.78
08 33 23 13-0535	EA	24' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,309.96	1,521.96
08 33 23 13-0536	EA	24' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,369.94	1,576.99
08 33 23 13-0537	EA	24' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,238.91	1,618.00
08 33 23 13-0538	EA	24' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	50,272.97	1,660.07
08 33 23 13-0539	EA	24' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,309.22	1,703.23

08 33 23 13-0540 Rytec® Powerhouse™ Door Options *(08 33 23 13-0334)*

08 33 23 13-0541	EA	Up To 8' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,112.88	
08 33 23 13-0542	EA	9' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,154.31	
08 33 23 13-0543	EA	10' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,195.74	
08 33 23 13-0544	EA	11' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,237.16	
08 33 23 13-0545	EA	12' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,278.59	
08 33 23 13-0546	EA	13' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,320.02	
08 33 23 13-0547	EA	14' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,361.45	
08 33 23 13-0548	EA	15' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,402.88	
08 33 23 13-0549	EA	16' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,444.31	
08 33 23 13-0550	EA	17' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,485.74	
08 33 23 13-0551	EA	18' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,527.17	
08 33 23 13-0552	EA	19' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,568.60	
08 33 23 13-0553	EA	20' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,610.03	
08 33 23 13-0554	EA	21' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,651.45	
08 33 23 13-0555	EA	22' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,692.88	
08 33 23 13-0556	EA	23' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,734.31	
08 33 23 13-0557	EA	24' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,775.74	
08 33 23 13-0558	EA	11" x 20" Window For Rytec® Powerhouse™ High-Speed Rolling Doors	483.34	
08 33 23 13-0559	EA	208-230 Volt Application For Rytec® Powerhouse™ Door Note: Includes System 4 Controller In NEMA 4 Enclosure	1,187.63	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0560		Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) *(08 33 23 13)* Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weather seal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second.		
08 33 23 13-0561		Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) *(08 33 23 13-0560)*		
08 33 23 13-0562		8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0563	EA	8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,780.48	1,206.38
08 33 23 13-0564	EA	8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,523.51	1,232.01
08 33 23 13-0565	EA	8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,266.55	1,257.65
08 33 23 13-0566	EA	8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,010.85	1,283.28
08 33 23 13-0567	EA	8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,753.89	1,308.92
08 33 23 13-0568	EA	8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,496.92	1,334.56
08 33 23 13-0569	EA	8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,622.19	1,360.19
08 33 23 13-0570	EA	8' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,361.97	1,387.39
08 33 23 13-0571	EA	8' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,102.43	1,415.14
08 33 23 13-0572	EA	8' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,844.00	1,443.44
08 33 23 13-0573	EA	8' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,586.69	1,472.31
08 33 23 13-0574		9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0575	EA	9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,523.51	1,232.01
08 33 23 13-0576	EA	9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,266.55	1,257.65
08 33 23 13-0577	EA	9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,010.85	1,283.28
08 33 23 13-0578	EA	9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,753.89	1,308.92
08 33 23 13-0579	EA	9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,496.92	1,334.56
08 33 23 13-0580	EA	9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,239.95	1,360.19
08 33 23 13-0581	EA	9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,365.23	1,385.82
08 33 23 13-0582	EA	9' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,094.73	1,413.54
08 33 23 13-0583	EA	9' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,849.01	1,441.81
08 33 23 13-0584	EA	9' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,591.64	1,470.65
08 33 23 13-0585	EA	9' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,335.43	1,500.05
08 33 23 13-0586		10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0587	EA	10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,266.55	1,257.65
08 33 23 13-0588	EA	10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,010.85	1,283.28
08 33 23 13-0589	EA	10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,753.89	1,308.92
08 33 23 13-0590	EA	10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,496.92	1,334.56
08 33 23 13-0591	EA	10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,239.95	1,360.19
08 33 23 13-0592	EA	10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,982.99	1,385.82
08 33 23 13-0593	EA	10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,108.27	1,411.45
08 33 23 13-0594	EA	10' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,850.29	1,439.69
08 33 23 13-0595	EA	10' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,592.84	1,468.48
08 33 23 13-0596	EA	10' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,336.54	1,497.86
08 33 23 13-0597	EA	10' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,081.42	1,527.80
08 33 23 13-0598		11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0599	EA	11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,010.85	1,283.28
08 33 23 13-0600	EA	11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,753.89	1,308.92
08 33 23 13-0601	EA	11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,496.92	1,334.56
08 33 23 13-0602	EA	11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,239.95	1,360.19
08 33 23 13-0603	EA	11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,982.99	1,385.82
08 33 23 13-0604	EA	11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,726.02	1,411.45
08 33 23 13-0605	EA	11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,850.02	1,437.09
08 33 23 13-0606	EA	11' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,594.45	1,465.84
08 33 23 13-0607	EA	11' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,338.04	1,495.15
08 33 23 13-0608	EA	11' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,082.81	1,525.06
08 33 23 13-0609	EA	11' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,828.77	1,555.56
08 33 23 13-0610		12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0611	EA	12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,753.89	1,308.92
08 33 23 13-0612	EA	12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,496.92	1,334.56
08 33 23 13-0613	EA	12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,239.95	1,360.19
08 33 23 13-0614	EA	12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,982.99	1,385.82
08 33 23 13-0615	EA	12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,726.02	1,411.45
08 33 23 13-0616	EA	12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,469.05	1,437.09
08 33 23 13-0617	EA	12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,594.33	1,462.73
08 33 23 13-0618	EA	12' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,338.62	1,491.98
08 33 23 13-0619	EA	12' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,083.26	1,521.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0620	EA	12' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,829.08	1,552.26
08 33 23 13-0621	EA	12' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,577.52	1,583.31
08 33 23 13-0622		13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0623	EA	13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,496.92	1,334.56
08 33 23 13-0624	EA	13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,239.95	1,360.19
08 33 23 13-0625	EA	13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,982.99	1,385.82
08 33 23 13-0626	EA	13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,726.02	1,411.45
08 33 23 13-0627	EA	13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,469.05	1,437.09
08 33 23 13-0628	EA	13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,212.08	1,462.73
08 33 23 13-0629	EA	13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,337.36	1,488.36
08 33 23 13-0630	EA	13' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,082.77	1,518.13
08 33 23 13-0631	EA	13' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,828.45	1,548.49
08 33 23 13-0632	EA	13' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,575.36	1,579.47
08 33 23 13-0633	EA	13' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,323.49	1,611.05
08 33 23 13-0634		14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0635	EA	14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,622.19	1,360.19
08 33 23 13-0636	EA	14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,365.23	1,385.82
08 33 23 13-0637	EA	14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,108.27	1,411.45
08 33 23 13-0638	EA	14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,850.02	1,437.09
08 33 23 13-0639	EA	14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,594.33	1,462.73
08 33 23 13-0640	EA	14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,337.36	1,488.36
08 33 23 13-0641	EA	14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,074.00	1,514.00
08 33 23 13-0642	EA	14' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,820.03	1,544.28
08 33 23 13-0643	EA	14' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,566.75	1,575.17
08 33 23 13-0644	EA	14' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,314.73	1,606.67
08 33 23 13-0645	EA	14' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,063.96	1,638.80
08 33 23 13-0646		15' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0647	EA	15' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,361.97	1,387.39
08 33 23 13-0648	EA	15' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,107.52	1,413.54
08 33 23 13-0649	EA	15' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,850.29	1,439.69
08 33 23 13-0650	EA	15' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,594.45	1,465.84
08 33 23 13-0651	EA	15' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,338.62	1,491.98
08 33 23 13-0652	EA	15' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,082.77	1,518.13
08 33 23 13-0653	EA	15' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,820.03	1,544.28
08 33 23 13-0654	EA	15' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,566.75	1,575.17
08 33 23 13-0655	EA	15' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,314.73	1,606.67
08 33 23 13-0656	EA	15' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,063.96	1,638.80
08 33 23 13-0657	EA	15' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,814.47	1,671.58
08 33 23 13-0658		16' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0659	EA	16' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,102.43	1,415.14
08 33 23 13-0660	EA	16' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,849.01	1,441.81
08 33 23 13-0661	EA	16' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,592.84	1,468.48
08 33 23 13-0662	EA	16' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,338.04	1,495.15
08 33 23 13-0663	EA	16' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,083.26	1,521.82
08 33 23 13-0664	EA	16' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,828.45	1,548.49
08 33 23 13-0665	EA	16' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,566.75	1,575.17
08 33 23 13-0666	EA	16' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,314.73	1,606.67
08 33 23 13-0667	EA	16' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,063.96	1,638.80
08 33 23 13-0668	EA	16' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,814.47	1,671.58
08 33 23 13-0669	EA	16' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,567.67	1,705.01
08 33 23 13-0670		17' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0671	EA	17' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,844.00	1,443.44
08 33 23 13-0672	EA	17' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,591.64	1,470.65
08 33 23 13-0673	EA	17' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,336.54	1,497.86
08 33 23 13-0674	EA	17' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,082.81	1,525.06
08 33 23 13-0675	EA	17' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,829.08	1,552.26
08 33 23 13-0676	EA	17' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,575.36	1,579.47
08 33 23 13-0677	EA	17' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,314.73	1,606.67
08 33 23 13-0678	EA	17' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,063.96	1,638.80
08 33 23 13-0679	EA	17' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,814.47	1,671.58
08 33 23 13-0680	EA	17' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,567.67	1,705.01
08 33 23 13-0681	EA	17' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,320.82	1,739.11

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0682		18' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0683	EA	18' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,739.98	1,472.31
08 33 23 13-0684	EA	18' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,487.34	1,500.05
08 33 23 13-0685	EA	18' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,234.70	1,527.80
08 33 23 13-0686	EA	18' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,980.68	1,555.56
08 33 23 13-0687	EA	18' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,729.43	1,583.31
08 33 23 13-0688	EA	18' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,475.39	1,611.05
08 33 23 13-0689	EA	18' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,217.24	1,638.80
08 33 23 13-0690	EA	18' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,967.75	1,671.58
08 33 23 13-0691	EA	18' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,719.57	1,705.01
08 33 23 13-0692	EA	18' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,472.73	1,739.11
08 33 23 13-0693	EA	18' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,227.26	1,773.90
08 33 23 13-0694		19' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0695	EA	19' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,711.68	1,501.76
08 33 23 13-0696	EA	19' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,461.54	1,530.06
08 33 23 13-0697	EA	19' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,208.63	1,558.37
08 33 23 13-0698	EA	19' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,957.11	1,586.66
08 33 23 13-0699	EA	19' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,705.58	1,614.97
08 33 23 13-0700	EA	19' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,454.03	1,643.28
08 33 23 13-0701	EA	19' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,195.61	1,671.58
08 33 23 13-0702	EA	19' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,947.43	1,705.01
08 33 23 13-0703	EA	19' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,700.59	1,739.11
08 33 23 13-0704	EA	19' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,455.12	1,773.90
08 33 23 13-0705	EA	19' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,212.42	1,809.37
08 33 23 13-0706		20' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0707	EA	20' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,913.42	1,532.10
08 33 23 13-0708	EA	20' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,664.97	1,560.24
08 33 23 13-0709	EA	20' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,412.76	1,589.40
08 33 23 13-0710	EA	20' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,162.93	1,618.55
08 33 23 13-0711	EA	20' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,912.09	1,647.71
08 33 23 13-0712	EA	20' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,661.26	1,675.86
08 33 23 13-0713	EA	20' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,404.53	1,705.01
08 33 23 13-0714	EA	20' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,157.85	1,739.19
08 33 23 13-0715	EA	20' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,912.18	1,774.38
08 33 23 13-0716	EA	20' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,668.52	1,809.56
08 33 23 13-0717	EA	20' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,425.86	1,845.76
08 33 23 13-0718		Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0560)*		
08 33 23 13-0719		8' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0720	EA	8' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	25,816.32	804.25
08 33 23 13-0721	EA	8' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,383.70	821.34
08 33 23 13-0722	EA	8' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,951.09	838.43
08 33 23 13-0723	EA	8' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,515.93	855.52
08 33 23 13-0724	EA	8' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,083.32	872.61
08 33 23 13-0725	EA	8' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,650.69	889.70
08 33 23 13-0726	EA	8' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	34,547.58	906.79
08 33 23 13-0727		9' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0728	EA	9' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,383.70	821.34
08 33 23 13-0729	EA	9' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,951.09	838.43
08 33 23 13-0730	EA	9' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,515.93	855.52
08 33 23 13-0731	EA	9' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,083.32	872.61
08 33 23 13-0732	EA	9' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,650.69	889.70
08 33 23 13-0733	EA	9' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	29,218.08	906.79
08 33 23 13-0734	EA	9' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	35,114.97	923.89
08 33 23 13-0735		10' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0736	EA	10' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	26,951.09	838.43
08 33 23 13-0737	EA	10' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,515.93	855.52
08 33 23 13-0738	EA	10' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,083.32	872.61
08 33 23 13-0739	EA	10' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,650.69	889.70
08 33 23 13-0740	EA	10' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	29,218.08	906.79
08 33 23 13-0741	EA	10' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	29,785.46	923.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0742	EA	10' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	35,682.36	940.98
08 33 23 13-0743		11' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0744	EA	11' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	27,515.93	855.52
08 33 23 13-0745	EA	11' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,083.32	872.61
08 33 23 13-0746	EA	11' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,650.69	889.70
08 33 23 13-0747	EA	11' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	29,218.08	906.79
08 33 23 13-0748	EA	11' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	29,785.46	923.89
08 33 23 13-0749	EA	11' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	30,352.85	940.98
08 33 23 13-0750	EA	11' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,247.18	958.07
08 33 23 13-0751		12' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0752	EA	12' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,083.32	872.61
08 33 23 13-0753	EA	12' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,650.69	889.70
08 33 23 13-0754	EA	12' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	29,218.08	906.79
08 33 23 13-0755	EA	12' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	29,785.46	923.89
08 33 23 13-0756	EA	12' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	30,352.85	940.98
08 33 23 13-0757	EA	12' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	30,920.24	958.07
08 33 23 13-0758	EA	12' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,814.58	975.16
08 33 23 13-0759		13' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0760	EA	13' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	28,650.69	889.70
08 33 23 13-0761	EA	13' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	29,218.08	906.79
08 33 23 13-0762	EA	13' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	29,785.46	923.89
08 33 23 13-0763	EA	13' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	30,352.85	940.98
08 33 23 13-0764	EA	13' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	30,920.24	958.07
08 33 23 13-0765	EA	13' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	31,487.63	975.16
08 33 23 13-0766	EA	13' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,381.97	992.24
08 33 23 13-0767		14' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0768	EA	14' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	34,547.58	906.79
08 33 23 13-0769	EA	14' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	35,114.97	923.89
08 33 23 13-0770	EA	14' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	35,682.36	940.98
08 33 23 13-0771	EA	14' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,247.18	958.07
08 33 23 13-0772	EA	14' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,814.58	975.16
08 33 23 13-0773	EA	14' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,381.97	992.24
08 33 23 13-0774	EA	14' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,949.35	1,009.33
08 33 23 13-0775		Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0560)*		
08 33 23 13-0776		8' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0777	EA	8' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	23,989.10	804.25
08 33 23 13-0778	EA	8' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	24,556.48	821.34
08 33 23 13-0779	EA	8' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,123.87	838.43
08 33 23 13-0780	EA	8' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,689.99	855.52
08 33 23 13-0781	EA	8' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,257.37	872.61
08 33 23 13-0782	EA	8' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,814.43	885.18
08 33 23 13-0783	EA	8' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	30,681.22	889.70
08 33 23 13-0784		9' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0785	EA	9' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	24,556.48	821.34
08 33 23 13-0786	EA	9' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,123.87	838.43
08 33 23 13-0787	EA	9' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,689.99	855.52
08 33 23 13-0788	EA	9' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,257.37	872.61
08 33 23 13-0789	EA	9' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,823.47	889.70
08 33 23 13-0790	EA	9' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,377.79	900.25
08 33 23 13-0791	EA	9' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	29,333.16	906.79
08 33 23 13-0792		10' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0793	EA	10' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,123.87	838.43
08 33 23 13-0794	EA	10' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,689.99	855.52
08 33 23 13-0795	EA	10' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,257.37	872.61
08 33 23 13-0796	EA	10' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,823.47	889.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0797	EA	10' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,390.86	906.79
08 33 23 13-0798	EA	10' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,949.19	919.36
08 33 23 13-0799	EA	10' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	30,059.10	923.89
08 33 23 13-0800		11' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0801	EA	11' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	25,689.99	855.52
08 33 23 13-0802	EA	11' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,257.37	872.61
08 33 23 13-0803	EA	11' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,823.47	889.70
08 33 23 13-0804	EA	11' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,390.86	906.79
08 33 23 13-0805	EA	11' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,958.24	923.89
08 33 23 13-0806	EA	11' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	28,516.58	936.45
08 33 23 13-0807	EA	11' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	30,785.04	940.98
08 33 23 13-0808		12' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0809	EA	12' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,257.37	872.61
08 33 23 13-0810	EA	12' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,823.47	889.70
08 33 23 13-0811	EA	12' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,390.86	906.79
08 33 23 13-0812	EA	12' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,958.24	923.89
08 33 23 13-0813	EA	12' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	28,525.63	940.98
08 33 23 13-0814	EA	12' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	29,081.96	952.53
08 33 23 13-0815	EA	12' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	31,510.98	958.07
08 33 23 13-0816		13' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0817	EA	13' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	26,823.47	889.70
08 33 23 13-0818	EA	13' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,390.86	906.79
08 33 23 13-0819	EA	13' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	27,958.24	923.89
08 33 23 13-0820	EA	13' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	28,525.63	940.98
08 33 23 13-0821	EA	13' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	29,093.01	958.07
08 33 23 13-0822	EA	13' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	29,650.35	970.13
08 33 23 13-0823	EA	13' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	32,236.93	975.16
08 33 23 13-0824		14' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0825	EA	14' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	30,715.40	906.79
08 33 23 13-0826	EA	14' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	31,441.34	923.89
08 33 23 13-0827	EA	14' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	32,167.29	940.98
08 33 23 13-0828	EA	14' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	32,891.95	958.07
08 33 23 13-0829	EA	14' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,619.18	975.16
08 33 23 13-0830	EA	14' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,336.07	987.72
08 33 23 13-0831	EA	14' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,345.12	992.24
08 33 23 13-0832		Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0560)*		
08 33 23 13-0833		8' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0834	EA	8' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	32,108.51	804.25
08 33 23 13-0835	EA	8' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	32,829.03	821.34
08 33 23 13-0836	EA	8' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	33,548.17	838.43
08 33 23 13-0837	EA	8' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	34,647.08	855.52
08 33 23 13-0838	EA	8' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	35,747.37	872.61
08 33 23 13-0839	EA	8' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	36,847.64	889.70
08 33 23 13-0840	EA	8' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	37,947.93	906.79
08 33 23 13-0841		9' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0842	EA	9' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	32,829.03	821.34
08 33 23 13-0843	EA	9' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	33,548.17	838.43
08 33 23 13-0844	EA	9' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	34,267.32	855.52
08 33 23 13-0845	EA	9' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	35,367.60	872.61
08 33 23 13-0846	EA	9' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	36,466.50	889.70
08 33 23 13-0847	EA	9' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	37,566.78	906.79
08 33 23 13-0848	EA	9' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	38,673.97	923.89
08 33 23 13-0849		10' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0850	EA	10' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	33,548.17	838.43
08 33 23 13-0851	EA	10' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	34,267.32	855.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0852	EA	10' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	34,986.46	872.61
08 33 23 13-0853	EA	10' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	36,086.73	889.70
08 33 23 13-0854	EA	10' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	37,185.64	906.79
08 33 23 13-0855	EA	10' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	38,285.92	923.89
08 33 23 13-0856	EA	10' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	39,400.02	940.98
08 33 23 13-0857		11' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0858	EA	11' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	34,267.32	855.52
08 33 23 13-0859	EA	11' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	34,986.46	872.61
08 33 23 13-0860	EA	11' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	35,705.59	889.70
08 33 23 13-0861	EA	11' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	36,805.87	906.79
08 33 23 13-0862	EA	11' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	37,906.16	923.89
08 33 23 13-0863	EA	11' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	39,005.06	940.98
08 33 23 13-0864	EA	11' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	40,124.68	958.07
08 33 23 13-0865		12' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0866	EA	12' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	34,986.46	872.61
08 33 23 13-0867	EA	12' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	35,705.59	889.70
08 33 23 13-0868	EA	12' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	36,424.72	906.79
08 33 23 13-0869	EA	12' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	37,525.01	923.89
08 33 23 13-0870	EA	12' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	38,625.30	940.98
08 33 23 13-0871	EA	12' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	39,724.20	958.07
08 33 23 13-0872	EA	12' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	40,852.12	975.16
08 33 23 13-0873		13' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0874	EA	13' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	35,705.59	889.70
08 33 23 13-0875	EA	13' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	36,424.72	906.79
08 33 23 13-0876	EA	13' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	37,143.86	923.89
08 33 23 13-0877	EA	13' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	38,244.15	940.98
08 33 23 13-0878	EA	13' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	39,344.44	958.07
08 33 23 13-0879	EA	13' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	40,444.73	975.16
08 33 23 13-0880	EA	13' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	41,578.16	992.24
08 33 23 13-0881		14' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) *(08 33 23 13-0832)*		
08 33 23 13-0882	EA	14' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	36,424.72	906.79
08 33 23 13-0883	EA	14' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	37,143.86	923.89
08 33 23 13-0884	EA	14' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	37,863.00	940.98
08 33 23 13-0885	EA	14' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	38,963.29	958.07
08 33 23 13-0886	EA	14' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	40,063.58	975.16
08 33 23 13-0887	EA	14' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	41,163.87	992.24
08 33 23 13-0888	EA	14' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	42,297.30	1,009.33
08 33 23 13-0889		Rytec® Spiral® Door Options *(08 33 23 13-0560)*		
08 33 23 13-0890	EA	Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Per door price.	415.57	
08 33 23 13-0891	EA	Up To 13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	281.31	
08 33 23 13-0892	EA	>13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	415.57	
08 33 23 13-0893	EA	Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	281.31	
08 33 23 13-0894	EA	>13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	415.57	
08 33 23 13-0895	EA	Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors	791.01	50.26
08 33 23 13-0896	EA	Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	2,272.51	100.53
08 33 23 13-0897	EA	>13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	4,069.04	100.53
08 33 23 13-0898	EA	>16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	4,625.27	100.53
08 33 23 13-0899	EA	Through Wall Brake Release For Rytec® Spiral® High-Speed Rolling Doors	483.34	
08 33 23 13-0900		Activation And Control Box Options For High Speed Doors *(08 33 23 13)*		
08 33 23 13-0901	EA	Pull Cord For High-Speed Rolling Doors	202.82	50.26
08 33 23 13-0902	EA	Emergency Stop, Pushbutton Control For High-Speed Rolling Doors	152.55	25.13
08 33 23 13-0903	EA	NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors	190.91	25.13
08 33 23 13-0904	EA	On/Off Selector Switch, Remote Control For High-Speed Rolling Doors	133.37	25.13
08 33 23 13-0905	EA	On/Off Key Switch, Remote Control For High-Speed Rolling Doors	203.70	25.13
08 33 23 13-0906	EA	Keyed Remote Single Pushbutton Control For High-Speed Rolling Doors	331.57	25.13
08 33 23 13-0907	EA	Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors	363.53	25.13
08 33 23 13-0908	EA	Radio Control For High-Speed Rolling Doors Note: Includes one receiver and two transmitters.	566.36	45.24

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0909	EA	Floor Loop For High-Speed Rolling Doors Note: Excludes sealant.	767.43	
08 33 23 13-0910	EA	Reflective Type Photo Eye For High-Speed Rolling Doors	489.26	45.24
08 33 23 13-0911	EA	Thru-Beam Type Photo Eye For High-Speed Rolling Doors	636.69	45.24
08 33 23 13-0912	EA	Motion Detector For High-Speed Rolling Doors	546.22	30.16
08 33 23 13-0913	EA	Remote Warning Horn For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	381.84	50.26
08 33 23 13-0914	EA	Remote Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	516.10	50.26
08 33 23 13-0915	EA	Remote Warning Horn And Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	586.43	50.26
08 33 23 13-0916	EA	Red And Green Red Light For High-Speed Rolling Doors Note: Includes mounting hardware.	727.08	50.26

08 33 26 Overhead Coiling Grilles *(08 33)*

Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-1039 for forklift.

08 33 26 00-0001 Galvanized Steel Overhead Coiling Grilles (Width x Height) *(08 33 26)*

08 33 26 00-0002	EA	4' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,558.81	219.55
		For Lexan Lattice Pattern, Add	*289.80*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*212.41*	
		For Staggered Brick Pattern, Add	*287.53*	
08 33 26 00-0003	EA	6' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,903.54	219.55
		For Lexan Lattice Pattern, Add	*341.51*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*318.63*	
		For Staggered Brick Pattern, Add	*389.41*	
08 33 26 00-0004	EA	8' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,493.15	274.43
		For Lexan Lattice Pattern, Add	*406.24*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*424.83*	
		For Staggered Brick Pattern, Add	*491.28*	
08 33 26 00-0005	EA	12' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,990.30	274.43
		For Lexan Lattice Pattern, Add	*480.81*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*436.11*	
		For Staggered Brick Pattern, Add	*695.03*	
08 33 26 00-0006	EA	16' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,485.33	439.10
		For Lexan Lattice Pattern, Add	*634.31*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*849.66*	
		For Staggered Brick Pattern, Add	*980.16*	
08 33 26 00-0007	EA	20' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,817.15	548.87
		For Lexan Lattice Pattern, Add	*787.81*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,062.07*	
		For Staggered Brick Pattern, Add	*1,265.27*	
08 33 26 00-0008	EA	24' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,597.29	658.64
		For Lexan Lattice Pattern, Add	*1,007.54*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,274.49*	
		For Staggered Brick Pattern, Add	*1,423.27*	
08 33 26 00-0009	EA	30' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	10,481.69	805.01
		For Lexan Lattice Pattern, Add	*1,228.35*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,476.15*	
		For Staggered Brick Pattern, Add	*1,552.26*	
08 33 26 00-0010	EA	4' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,808.68	219.55
		For Lexan Lattice Pattern, Add	*327.29*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*265.51*	
		For Staggered Brick Pattern, Add	*341.60*	
08 33 26 00-0011	EA	6' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,265.56	219.55
		For Lexan Lattice Pattern, Add	*395.82*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*398.26*	
		For Staggered Brick Pattern, Add	*485.09*	
08 33 26 00-0012	EA	8' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,894.60	274.43
		For Lexan Lattice Pattern, Add	*466.81*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*531.04*	
		For Staggered Brick Pattern, Add	*628.58*	
08 33 26 00-0013	EA	12' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,517.22	274.43
		For Lexan Lattice Pattern, Add	*560.20*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*796.56*	
		For Staggered Brick Pattern, Add	*915.56*	
08 33 26 00-0014	EA	16' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,177.33	439.10
		For Lexan Lattice Pattern, Add	*738.11*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,062.07*	
		For Staggered Brick Pattern, Add	*1,262.43*	
08 33 26 00-0015	EA	20' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,671.87	548.87
		For Lexan Lattice Pattern, Add	*916.02*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,327.59*	
		For Staggered Brick Pattern, Add	*1,609.29*	
08 33 26 00-0016	EA	24' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,629.96	658.64
		For Lexan Lattice Pattern, Add	*1,162.44*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,593.31*	
		For Staggered Brick Pattern, Add	*1,863.69*	
08 33 26 00-0017	EA	30' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	12,076.26	805.01
		For Lexan Lattice Pattern, Add	*1,467.54*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,865.53*	
		For Staggered Brick Pattern, Add	*2,087.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0018	EA	4' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,094.81	219.55
		For Lexan Lattice Pattern, Add	*370.20*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*318.63*	
		For Staggered Brick Pattern, Add	*394.87*	
08 33 26 00-0019	EA	6' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,177.64	219.55
		For Lexan Lattice Pattern, Add	*382.63*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*477.93*	
		For Staggered Brick Pattern, Add	*579.16*	
08 33 26 00-0020	EA	8' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,869.28	274.43
		For Lexan Lattice Pattern, Add	*462.66*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*637.23*	
		For Staggered Brick Pattern, Add	*763.45*	
08 33 26 00-0021	EA	12' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,114.32	274.43
		For Lexan Lattice Pattern, Add	*649.42*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*955.83*	
		For Staggered Brick Pattern, Add	*1,132.02*	
08 33 26 00-0022	EA	16' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,155.55	439.10
		For Lexan Lattice Pattern, Add	*884.85*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,274.47*	
		For Staggered Brick Pattern, Add	*1,573.84*	
08 33 26 00-0023	EA	20' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,033.56	548.87
		For Lexan Lattice Pattern, Add	*1,120.28*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,593.10*	
		For Staggered Brick Pattern, Add	*2,015.65*	
08 33 26 00-0024	EA	24' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	10,953.30	658.64
		For Lexan Lattice Pattern, Add	*1,360.94*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,911.73*	
		For Staggered Brick Pattern, Add	*2,131.28*	
08 33 26 00-0025	EA	30' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	13,651.71	805.01
		For Lexan Lattice Pattern, Add	*1,703.85*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,215.41*	
		For Staggered Brick Pattern, Add	*2,322.05*	
08 33 26 00-0026	EA	4' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,606.58	219.55
		For Lexan Lattice Pattern, Add	*446.97*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*371.58*	
		For Staggered Brick Pattern, Add	*730.37*	
08 33 26 00-0027	EA	6' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,165.34	219.55
		For Lexan Lattice Pattern, Add	*530.78*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*557.49*	
		For Staggered Brick Pattern, Add	*896.80*	
08 33 26 00-0028	EA	8' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,886.01	274.43
		For Lexan Lattice Pattern, Add	*615.52*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*743.39*	
		For Staggered Brick Pattern, Add	*1,044.25*	
08 33 26 00-0029	EA	12' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,059.77	274.43
		For Lexan Lattice Pattern, Add	*791.58*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,115.17*	
		For Staggered Brick Pattern, Add	*1,324.18*	
08 33 26 00-0030	EA	16' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,131.55	439.10
		For Lexan Lattice Pattern, Add	*1,031.25*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,486.90*	
		For Staggered Brick Pattern, Add	*1,771.52*	
08 33 26 00-0031	EA	20' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	10,037.80	548.87
		For Lexan Lattice Pattern, Add	*1,270.91*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,858.62*	
		For Staggered Brick Pattern, Add	*2,218.85*	
08 33 26 00-0032	EA	24' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	11,995.94	658.64
		For Lexan Lattice Pattern, Add	*1,517.34*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,230.35*	
		For Staggered Brick Pattern, Add	*2,516.42*	
08 33 26 00-0033	EA	30' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	15,350.29	805.01
		For Lexan Lattice Pattern, Add	*1,958.64*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,632.95*	
		For Staggered Brick Pattern, Add	*2,875.13*	
08 33 26 00-0034		Coiling Grilles Accessories *(08 33 26)*		
08 33 26 00-0035	LF	For Overhead Framed Rolling Grille Supports	119.54	
08 33 36		**Side Coiling Grilles** *(08 33)*		
08 33 36 00-0001		Galvanized Steel Side Coiling Grilles (Width x Height) *(08 33 36)*		
08 33 36 00-0002	EA	12' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	4,326.91	613.90
		For Lexan Lattice Pattern, Add	*385.92*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*637.24*	
		For Staggered Brick Pattern, Add	*695.03*	
08 33 36 00-0003	EA	18' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	6,030.64	788.59
		For Lexan Lattice Pattern, Add	*566.62*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*977.47*	
		For Staggered Brick Pattern, Add	*1,113.22*	
08 33 36 00-0004	EA	24' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	7,802.42	994.34
		For Lexan Lattice Pattern, Add	*744.22*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,274.49*	
		For Staggered Brick Pattern, Add	*1,423.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 36 00-0005	EA	30' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	9,339.51	1,097.74
		For Lexan Lattice Pattern, Add	*930.28*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,476.15*	
		For Staggered Brick Pattern, Add	*1,552.26*	
08 33 36 00-0006	EA	12' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	5,213.43	699.94
		For Lexan Lattice Pattern, Add	*482.05*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*796.56*	
		For Staggered Brick Pattern, Add	*915.56*	
08 33 36 00-0007	EA	18' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	7,294.66	898.99
		For Lexan Lattice Pattern, Add	*708.70*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,173.12*	
		For Staggered Brick Pattern, Add	*1,390.26*	
08 33 36 00-0008	EA	24' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	9,327.83	1,133.18
		For Lexan Lattice Pattern, Add	*913.36*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,593.31*	
		For Staggered Brick Pattern, Add	*1,863.69*	
08 33 36 00-0009	EA	30' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	11,340.25	1,251.42
		For Lexan Lattice Pattern, Add	*1,162.51*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,865.53*	
		For Staggered Brick Pattern, Add	*2,087.75*	
08 33 36 00-0010	EA	12' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	6,110.70	788.59
		For Lexan Lattice Pattern, Add	*578.63*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*955.83*	
		For Staggered Brick Pattern, Add	*1,132.02*	
08 33 36 00-0011	EA	18' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	8,564.67	1,012.85
		For Lexan Lattice Pattern, Add	*849.09*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,411.30*	
		For Staggered Brick Pattern, Add	*1,726.04*	
08 33 36 00-0012	EA	24' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	11,072.32	1,277.04
		For Lexan Lattice Pattern, Add	*1,116.33*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,911.73*	
		For Staggered Brick Pattern, Add	*2,131.28*	
08 33 36 00-0013	EA	30' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	13,329.99	1,408.76
		For Lexan Lattice Pattern, Add	*1,395.42*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,215.41*	
		For Staggered Brick Pattern, Add	*2,322.05*	
08 33 36 00-0014	EA	12' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	6,999.64	871.91
		For Lexan Lattice Pattern, Add	*676.57*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,115.17*	
		For Staggered Brick Pattern, Add	*1,324.18*	
08 33 36 00-0015	EA	18' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	9,834.54	1,119.69
		For Lexan Lattice Pattern, Add	*991.17*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,612.95*	
		For Staggered Brick Pattern, Add	*1,917.75*	
08 33 36 00-0016	EA	24' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	12,703.62	1,411.69
		For Lexan Lattice Pattern, Add	*1,302.39*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,230.35*	
		For Staggered Brick Pattern, Add	*2,516.42*	
08 33 36 00-0017	EA	30' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	15,300.18	1,558.78
		For Lexan Lattice Pattern, Add	*1,627.14*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,632.95*	
		For Staggered Brick Pattern, Add	*2,875.13*	

08 33 43 Overhead Coiling Smoke Curtains *(08 33)*

08 33 43 00-0001 Elevator Smoke Guard *(08 33 43)*

08 33 43 00-0002	EA	Elevator Smoke Guard, 55" Width Housing (Smoke Guard 400)	14,474.13	613.90
08 33 43 00-0003	EA	Elevator Smoke Guard, 64" Width Housing (Smoke Guard 400)	15,012.60	613.90
08 33 43 00-0004	EA	Elevator Smoke Guard, 73" Width Housing (Smoke Guard 400)	15,551.08	613.90

08 34 Special Function Doors *(08 30)*

08 34 13 Cold Storage Doors *(08 34)*

08 34 13 00-0001 Vertical Sliding Cold Storage Doors *(08 34 13)*

Note: Doors to be filled with foamed-in-place polyurethane.

08 34 13 00-0002	EA	7'-0" x 8'-0" Single Leaf Vertical Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	7,211.91	854.67
		For Adjusting Height Of Door To Fit Opening <7' Height, Add	*426.50*	
08 34 13 00-0003	EA	7'-0" x 9'-0" Bi-Pass Vertical Sliding Cold Storage Door, Filled With 4" Foam In Place (FIP) Polyurethane	9,253.14	1,085.02
		For Adjusting Height Of Door To Fit Opening <7' Height, Add	*542.51*	

08 34 13 00-0004 Horizontal Sliding Cold Storage Doors *(08 34 13)*

Note: Doors to be filled with foamed-in-place polyurethane.

08 34 13 00-0005	EA	6'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	5,793.79	682.59
08 34 13 00-0006	EA	7'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	6,529.31	769.71
08 34 13 00-0007	EA	7'-0" x 9'-0" Bi-Parting Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	8,437.56	1,014.39
08 34 13 00-0008	EA	5'-0" x 7'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	5,046.97	620.19

08 34 13 00-0009 Swinging Horizontal Hinged Cold Storage Doors *(08 34 13)*

Note: Doors to be filled with foamed-in-place polyurethane.

08 34 13 00-0010	EA	3'-0" x 7'-0" Swinging Cold Storage Door, Filled With 4" Foam In Place (FIP) Polyurethane	2,891.22	403.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 34 16 Hangar Doors *(08 34)*

08 34 16 00-0001	SF	70' To 120' Wide X To 20' High Hangar Door 25' Panels Note: Includes motorized opener and special hardware.	77.87	17.54
08 34 16 00-0002	SF	120' To 180' Wide X To 20' High Hangar Door 25' Panels Note: Includes motorized opener and special hardware.	69.34	17.54
08 34 16 00-0003	SF	120' To 180' Wide X 20-40' High Hangar Door 25' Panels Note: Includes motorized opener and special hardware.	73.23	3.76
08 34 16 00-0004	SF	120' To 180' Wide X 40-60' High Hangar Door 25' Panels Note: Includes motorized opener and special hardware.	78.73	2.50
08 34 16 00-0005	SF	120' To 180' Wide X 60-80' High Hangar Door 25' Panels Note: Includes motorized opener and special hardware.	84.35	2.50
08 34 16 00-0006	SF	120' To 180' Wide x >80' High Hangar Door 25' Panels Note: Includes motorized opener and special hardware.	133.80	2.50

08 34 23 Sidewalk and Basement Doors *(08 34)*

08 34 23 00-0001 Drainage Doors *(08 34 23)*

08 34 23 00-0002 Single Leaf Aluminum Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - J Series.

08 34 23 00-0003	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,224.78	179.05
08 34 23 00-0004	EA	2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,510.10	187.09
08 34 23 00-0005	EA	3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,604.51	191.11
08 34 23 00-0006	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,771.28	195.13
08 34 23 00-0007	EA	3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,067.64	205.19
08 34 23 00-0008	EA	2' 6" x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,108.84	200.46
08 34 23 00-0009	EA	3' x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,348.92	205.19
08 34 23 00-0010	EA	2' 6" x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,452.41	209.91
08 34 23 00-0011	EA	3' x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,692.52	214.63
08 34 23 00-0012	EA	3' x 6' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	3,128.52	226.69

08 34 23 00-0013 Double Leaf Aluminum Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - JD Series.

08 34 23 00-0014	EA	4' x 2' 6" Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,510.66	200.46
08 34 23 00-0015	EA	4' x 4' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,636.26	214.63
08 34 23 00-0016	EA	4' x 6' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	3,347.54	238.77
08 34 23 00-0017	EA	5' x 5' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	3,443.97	238.77

08 34 23 00-0018 Single Leaf Aluminum H2O Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - J H2O Series.

08 34 23 00-0019	EA	2' x 2' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	1,972.18	179.05
08 34 23 00-0020	EA	2' 6" x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,305.72	187.09
08 34 23 00-0021	EA	3' x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,512.68	191.11
08 34 23 00-0022	EA	3' x 3' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,848.22	195.13
08 34 23 00-0023	EA	3' 6" x 3' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	3,297.28	205.19

08 34 23 00-0024 Double Leaf Aluminum H2O Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - JD H2O Series.

08 34 23 00-0025	EA	4' x 2' 6" Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	3,298.25	200.46
08 34 23 00-0026	EA	4' x 4' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	4,420.39	214.63
08 34 23 00-0027	EA	4' x 6' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	6,296.97	238.77
08 34 23 00-0028	EA	5' x 5' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	5,927.28	238.77

08 34 23 00-0029 Single Leaf Steel Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - J Series.

08 34 23 00-0030	EA	2' x 2' Single Leaf Steel Floor, Vault Or Sidewalk Door	1,604.18	179.05
08 34 23 00-0031	EA	2' 6" x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,685.52	187.09
08 34 23 00-0032	EA	3' x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,879.52	191.11
08 34 23 00-0033	EA	3' x 3' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,083.45	195.13
08 34 23 00-0034	EA	3' 6" x 3' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,425.04	205.19
08 34 23 00-0035	EA	2' 6" x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,309.18	200.46
08 34 23 00-0036	EA	3' x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,632.83	205.19
08 34 23 00-0037	EA	2' 6" x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,620.09	209.91
08 34 23 00-0038	EA	3' x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,923.97	214.63
08 34 23 00-0039	EA	3' x 6' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,120.17	226.69

08 34 23 00-0040 Double Leaf Steel Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - JD Series.

08 34 23 00-0041	EA	4' x 2' 6" Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,843.49	200.46
08 34 23 00-0042	EA	4' x 4' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,983.34	214.63
08 34 23 00-0043	EA	4' x 6' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,722.05	238.77
08 34 23 00-0044	EA	5' x 5' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,830.89	238.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0045		**Single Leaf Steel H2O Drainage Doors** *(08 34 23 00-0001)* Note: Bilco - J H2O Series.		
08 34 23 00-0046	EA	2' x 2' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,751.94	179.05
08 34 23 00-0047	EA	2' 6" x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,912.44	187.09
08 34 23 00-0048	EA	3' x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,017.42	191.11
08 34 23 00-0049	EA	3' x 3' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,557.76	195.13
08 34 23 00-0050	EA	3' 6" x 3' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	4,196.20	205.19
08 34 23 00-0051		**Double Leaf Steel H2O Drainage Doors** *(08 34 23 00-0001)* Note: Bilco - JD H2O Series.		
08 34 23 00-0052	EA	4' x 2' 6" Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	4,624.50	200.46
08 34 23 00-0053	EA	4' x 4' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	5,170.02	214.63
08 34 23 00-0054	EA	4' x 6' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	7,689.74	238.77
08 34 23 00-0055	EA	5' x 5' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	7,491.85	238.77
08 34 23 00-0056		**Single Leaf Aluminum Drainage Door** *(08 34 23 00-0001)* Note: Bilco - J-R (Odor Resistant).		
08 34 23 00-0057	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	2,939.48	179.05
08 34 23 00-0058	EA	2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	3,538.94	187.09
08 34 23 00-0059	EA	3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	3,767.89	191.11
08 34 23 00-0060	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	4,001.17	195.13
08 34 23 00-0061	EA	3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	4,556.45	205.19
08 34 23 00-0062		**Non-Drainage Doors** *(08 34 23)*		
08 34 23 00-0063		**Single Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - Q Series.		
08 34 23 00-0064	EA	2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,176.65	179.05
08 34 23 00-0065	EA	2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,429.73	187.09
08 34 23 00-0066	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,532.25	191.11
08 34 23 00-0067	EA	3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,594.51	195.13
08 34 23 00-0068	EA	3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,011.38	205.19
08 34 23 00-0069	EA	2' 6" x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,811.51	200.46
08 34 23 00-0070	EA	3' x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,027.45	205.19
08 34 23 00-0071	EA	2' 6" x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,275.49	209.91
08 34 23 00-0072	EA	3' x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,411.32	214.63
08 34 23 00-0073	EA	3' x 6' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,743.03	226.69
08 34 23 00-0074		**Single Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - K Series.		
08 34 23 00-0075	EA	2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	959.66	179.05
08 34 23 00-0076	EA	2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,156.49	187.09
08 34 23 00-0077	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,283.12	191.11
08 34 23 00-0078	EA	3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,369.48	195.13
08 34 23 00-0079	EA	3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,593.48	205.19
08 34 23 00-0080		**Double Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - QD Series.		
08 34 23 00-0081	EA	4' x 2'-6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,309.78	200.46
08 34 23 00-0082		**Double Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - KD Series.		
08 34 23 00-0083	EA	4' x 4' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,210.40	214.63
08 34 23 00-0084	EA	4' x 6' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	3,114.57	238.77
08 34 23 00-0085	EA	5' x 5' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	3,178.87	238.77
08 34 23 00-0086		**Single Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - T Series.		
08 34 23 00-0087	EA	2' x 2' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,056.10	179.05
08 34 23 00-0088	EA	2'-6" x 2'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,236.86	187.09
08 34 23 00-0089	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,323.30	191.11
08 34 23 00-0090	EA	3' x 3' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,449.85	195.13
08 34 23 00-0091	EA	3'-6" x 3'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,697.95	205.19
08 34 23 00-0092		**Double Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - TD Series.		
08 34 23 00-0093	EA	4' x 4' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	2,347.02	214.63
08 34 23 00-0094	EA	4' x 6' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	3,283.34	238.77
08 34 23 00-0095	EA	5' x 5' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	3,331.56	238.77
08 34 23 00-0096		**Single Leaf Steel Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - Q Series.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0097	EA	2' x 2' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,089.75	179.05
08 34 23 00-0098	EA	2'-6" x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,220.48	187.09
08 34 23 00-0099	EA	3' x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,374.98	191.11
08 34 23 00-0100	EA	3' x 3' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,460.13	195.13
08 34 23 00-0101	EA	2' 6" x 4' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,667.92	195.13
08 34 23 00-0102		Double Leaf Steel Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - QD Series.		
08 34 23 00-0103	EA	4' x 2' 6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,220.13	200.46
08 34 23 00-0104		Basement Doors *(08 34 23)*		
		Note: 12 gauge primed steel, center opening, includes assembly and installation hardware.		
08 34 23 00-0105	EA	45-1/4" Wide x 65-1/4" Long, Sloped Wall Basement Door, Factory Primed Metal (Bilco Classic Series)	1,481.59	226.20
08 34 23 00-0106	EA	30" High x 47" Wide x 58" Long, Basement Door (Bilco Classic Series)	1,243.21	171.40
08 34 23 00-0107	EA	22" High x 51" Wide x 64" Long, Basement Door (Bilco Classic Series)	1,291.26	188.49
08 34 23 00-0108	EA	19-1/2" High x 55" Wide x 72" Long, Basement Door (Bilco Classic Series)	1,379.75	201.06
08 34 23 00-0109	EA	52" High x 51" Wide x 43-1/4" Long, Basement Door (Bilco Classic Series)	1,526.96	226.20
08 34 49		**Radiation Shielding Doors and Frames** *(08 34)*		
08 34 49 13		**Neutron Shielding Doors and Frames** *(08 34 49)*		
08 34 49 13-0001		Lead Lined Doors And Frames *(08 34 49 13)*		
08 34 49 13-0002	SF	1/16" Thick Laminated Lead In Wood Door	136.15	10.06
08 34 49 13-0003	SF	1/8" Thick Laminated Lead In Wood Door	169.46	10.06
08 34 49 13-0004	LF	1/16" Thick Lead Lined Door Frame	150.71	10.06
08 34 49 13-0005	LF	1/8" Thick Lead Lined Door Frame	161.81	10.06
08 34 53		**Security Doors and Frames** *(08 34)*		
08 34 53 00-0001		Metal Security Doors, Bullet Resistant *(08 34 53)*		
		Note: Includes door, frame, hardware hinges, lockset and cylinder, all UL 753 Listed.		
08 34 53 00-0002	SF	Metal Security Door	74.80	8.58
08 34 53 00-0003	EA	Up To 3' x 7' (.38 caliber) Medium-Small Arms Metal Security Door	3,067.02	428.12
08 34 53 00-0004	EA	Up To 3' x 7' (.44 caliber) Super-Small Arms Metal Security Door	3,639.55	454.46
08 34 53 00-0005		Metal Security Doors *(08 34 53)*		
		Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.		
08 34 53 00-0006	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O)	948.35	78.41
		Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.		
08 34 53 00-0007	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O)	948.35	78.41
		Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.		
08 34 53 00-0008	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O)	1,344.13	78.41
		Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.		
08 34 56		**Security Gates** *(08 34)*		
08 34 56 00-0001		Pivoting Double Folding Gate *(08 34 56)*		
		Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.		
08 34 56 00-0002	EA	6' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,036.06	191.51
08 34 56 00-0003	EA	8' To 10' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,163.08	215.45
08 34 56 00-0004	EA	8' To 10' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,250.54	239.39
08 34 56 00-0005	EA	8' To 10' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,377.55	263.32
08 34 56 00-0006	EA	10' To 12' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,179.23	193.90
08 34 56 00-0007	EA	10' To 12' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,266.88	217.84
08 34 56 00-0008	EA	10' To 12' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,389.06	241.78
08 34 56 00-0009	EA	10' To 12' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,481.84	265.71
08 34 56 00-0010	EA	12' To 14' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,243.36	196.29
08 34 56 00-0011	EA	12' To 14' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,330.75	220.24
08 34 56 00-0012	EA	12' To 14' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,404.24	232.20
08 34 56 00-0013	EA	12' To 14' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,477.99	244.18
08 34 56 00-0014	EA	12' To 14' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,575.36	268.11
08 34 56 00-0015	EA	14' To 16' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,366.98	198.69
08 34 56 00-0016	EA	14' To 16' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,454.10	222.63
08 34 56 00-0017	EA	14' To 16' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,537.42	234.59
08 34 56 00-0018	EA	14' To 16' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,641.34	246.57
08 34 56 00-0019	EA	14' To 16' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,787.70	270.50
08 34 56 00-0020	EA	16' To 18' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,554.79	203.47
08 34 56 00-0021	EA	16' To 18' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,666.38	229.81
08 34 56 00-0022	EA	16' To 18' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,793.99	244.18
08 34 56 00-0023	EA	16' To 18' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,868.74	251.36
08 34 56 00-0024		Pivoting Single Folding Gate *(08 34 56)*		
		Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 56 00-0025	EA	5' To 6' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	703.48	134.05
08 34 56 00-0026	EA	5' To 6' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	752.63	138.84
08 34 56 00-0027	EA	5' To 6' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	801.78	143.63
08 34 56 00-0028	EA	5' To 6' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	860.53	153.21
08 34 56 00-0029	EA	5' To 6' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	899.46	162.78
08 34 56 00-0030	EA	6' To 7' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	752.49	138.84
08 34 56 00-0031	EA	6' To 7' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	801.84	143.63
08 34 56 00-0032	EA	6' To 7' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	851.00	148.42
08 34 56 00-0033	EA	6' To 7' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	909.69	158.00
08 34 56 00-0034	EA	6' To 7' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	948.85	167.57
08 34 56 00-0035	EA	7' To 8' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	821.42	143.63
08 34 56 00-0036	EA	7' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	870.79	148.42
08 34 56 00-0037	EA	7' To 8' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	919.88	153.21
08 34 56 00-0038	EA	7' To 8' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	978.73	162.78
08 34 56 00-0039	EA	7' To 8' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	1,037.68	172.35
08 34 56 00-0040		Window Gates, Expands From 2' To 4' *(08 34 56)*		
		Note: Includes padlock hasp and galvanized finish. Excludes padlock.		
08 34 56 00-0041	EA	33" High Window Gate, Up To 4' Wide Opening	285.97	52.67
08 34 56 00-0042	EA	37" High Window Gate, Up To 4' Wide Opening	295.55	57.45
08 34 56 00-0043	EA	40" High Window Gate, Up To 4' Wide Opening	295.55	57.45
08 34 56 00-0044	EA	43" High Window Gate, Up To 4' Wide Opening	305.91	62.24
08 34 56 00-0045	EA	46" High Window Gate, Up To 4' Wide Opening	305.91	62.24
08 34 56 00-0046	EA	49" High Window Gate, Up To 4' Wide Opening	315.49	67.03
08 34 56 00-0047	EA	51" High Window Gate, Up To 4' Wide Opening	315.49	67.03
08 34 56 00-0048	EA	53" High Window Gate, Up To 4' Wide Opening	325.05	71.81
08 34 56 00-0049	EA	55" High Window Gate, Up To 4' Wide Opening	325.05	71.81
08 34 56 00-0050	EA	57" High Window Gate, Up To 4' Wide Opening	334.64	76.60
08 34 56 00-0051	EA	59" High Window Gate, Up To 4' Wide Opening	334.64	76.60
08 34 56 00-0052		Pivoting Door Gate, Expands From 2' To 4' *(08 34 56)*		
		Note: Includes padlock hasp and galvanized finish. Excludes padlock.		
08 34 56 00-0053	EA	61" High Pivoting Door Gate, Up To 4' Wide Opening	344.21	81.40
08 34 56 00-0054	EA	63" High Pivoting Door Gate, Up To 4' Wide Opening	346.62	81.40
08 34 56 00-0055	EA	66" High Pivoting Door Gate, Up To 4' Wide Opening	359.41	86.18
08 34 56 00-0056	EA	71" High Pivoting Door Gate, Up To 4' Wide Opening	372.18	90.97
08 34 56 00-0057	EA	73" High Pivoting Door Gate, Up To 4' Wide Opening	375.39	90.97
08 34 56 00-0058	EA	76" High Pivoting Door Gate, Up To 4' Wide Opening	388.17	95.75
08 34 56 00-0059	EA	79" High Pivoting Door Gate, Up To 4' Wide Opening	391.38	95.75
08 34 56 00-0060	EA	81" High Pivoting Door Gate, Up To 4' Wide Opening	403.17	100.54
08 34 56 00-0061	EA	83" High Pivoting Door Gate, Up To 4' Wide Opening	407.36	100.54
08 34 73		**Sound Control Door Assemblies** *(08 34)*		
08 34 73 13		**Metal Sound Control Door Assemblies** *(08 34 73)*		
08 34 73 13-0001		Steel Acoustical Door Assembly *(08 34 73 13)*		
		Note: Includes seal.		
08 34 73 13-0002		Steel Acoustical Doors *(08 34 73 13-0001)*		
		Note: Includes hardware: cam lift hinges and seals. Excludes frame, hardware: locksets, closer, electromagnetic release, etc.		
08 34 73 13-0003	EA	3' x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated)	4,351.73	180.95
		Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0008 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,674.61*	
		For Half Window Vision Lite, Add	*1,733.32*	
		For Full Window Vision Lite, Add	*1,792.02*	
		For 8' Height, Add	*568.55*	
		For 14 Gauge, Add	*538.63*	
		For 45 Minutes Fire Rated, Add	*239.39*	
		For 60 Minutes Fire Rated, Add	*359.08*	
		For 90 Minutes Fire Rated, Add	*598.47*	
		For 120 Minutes Fire Rated, Add	*837.86*	
		For 45 STC Rating, Deduct	*-1,356.54*	
		For 48 STC Rating, Deduct	*-718.17*	
		For 52 STC Rating, Add	*558.57*	
		For 55 STC Rating, Add	*1,516.13*	
08 34 73 13-0004	EA	3'-6" x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated)	4,607.81	188.49
		Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0008 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,674.61*	
		For Half Window Vision Lite, Add	*1,733.32*	
		For Full Window Vision Lite, Add	*1,792.02*	
		For 8' Height, Add	*602.89*	
		For 14 Gauge, Add	*571.16*	
		For 45 Minutes Fire Rated, Add	*253.85*	
		For 60 Minutes Fire Rated, Add	*380.77*	
		For 90 Minutes Fire Rated, Add	*634.62*	
		For 120 Minutes Fire Rated, Add	*888.47*	
		For 45 STC Rating, Deduct	*-1,438.48*	
		For 48 STC Rating, Deduct	*-761.55*	
		For 52 STC Rating, Add	*592.31*	
		For 55 STC Rating, Add	*1,607.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0005	EA	4' x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated)	4,878.96	203.58
		Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0008 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,674.61*	
		For Half Window Vision Lite, Add	*1,733.32*	
		For Full Window Vision Lite, Add	*1,792.02*	
		For 8' Height, Add	*637.23*	
		For 14 Gauge, Add	*603.69*	
		For 45 Minutes Fire Rated, Add	*268.31*	
		For 60 Minutes Fire Rated, Add	*402.46*	
		For 90 Minutes Fire Rated, Add	*670.77*	
		For 120 Minutes Fire Rated, Add	*939.08*	
		For 45 STC Rating, Deduct	*-1,520.42*	
		For 48 STC Rating, Deduct	*-804.93*	
		For 52 STC Rating, Add	*626.05*	
		For 55 STC Rating, Add	*1,699.29*	
08 34 73 13-0006	PR	Pair 3' x 7', 16 Gauge, STC 50, Steel Acoustical Doors (Unrated)	8,667.27	343.82
		Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0008 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,349.22*	
		For Pair Half Window Vision Lites, Add	*3,466.63*	
		For Pair Full Window Vision Lites, Add	*3,584.04*	
		For 8' Height, Add	*1,137.10*	
		For 14 Gauge, Add	*1,077.25*	
		For 45 Minutes Fire Rated, Add	*478.78*	
		For 60 Minutes Fire Rated, Add	*718.17*	
		For 90 Minutes Fire Rated, Add	*1,196.95*	
		For 120 Minutes Fire Rated, Add	*1,675.72*	
		For 45 STC Rating, Deduct	*-2,713.08*	
		For 48 STC Rating, Deduct	*-1,436.34*	
		For 52 STC Rating, Add	*1,117.15*	
		For 55 STC Rating, Add	*3,032.26*	
08 34 73 13-0007	PR	Pair 3'-6" x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated)	9,155.29	346.83
		Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0008 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,349.22*	
		For Pair Half Window Vision Lites, Add	*3,466.63*	
		For Pair Full Window Vision Lites, Add	*3,584.04*	
		For 8' Height, Add	*1,205.78*	
		For 14 Gauge, Add	*1,142.32*	
		For 45 Minutes Fire Rated, Add	*507.70*	
		For 60 Minutes Fire Rated, Add	*761.55*	
		For 90 Minutes Fire Rated, Add	*1,269.24*	
		For 120 Minutes Fire Rated, Add	*1,776.94*	
		For 45 STC Rating, Deduct	*-2,876.95*	
		For 48 STC Rating, Deduct	*-1,523.09*	
		For 52 STC Rating, Add	*1,184.63*	
		For 55 STC Rating, Add	*3,215.42*	

08 34 73 13-0008 Steel Acoustical Door Frames *(08 34 73 13-0001)*

Note: Includes threshold

08 34 73 13-0009	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,015.15	100.53
		For 8' Height, Add	*323.62*	
		For 45 Minutes Fire Rated, Add	*196.99*	
		For 60 Minutes Fire Rated, Add	*337.69*	
		For 90 Minutes Fire Rated, Add	*478.40*	
		For 120 Minutes Fire Rated, Add	*675.38*	
08 34 73 13-0010	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,094.86	100.53
		For 8' Height, Add	*332.79*	
		For 45 Minutes Fire Rated, Add	*202.57*	
		For 60 Minutes Fire Rated, Add	*347.26*	
		For 90 Minutes Fire Rated, Add	*491.95*	
		For 120 Minutes Fire Rated, Add	*694.51*	
08 34 73 13-0011	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,174.58	100.53
		For 8' Height, Add	*341.95*	
		For 45 Minutes Fire Rated, Add	*208.15*	
		For 60 Minutes Fire Rated, Add	*356.82*	
		For 90 Minutes Fire Rated, Add	*505.50*	
		For 120 Minutes Fire Rated, Add	*713.64*	
08 34 73 13-0012	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,254.29	100.53
		For 8' Height, Add	*351.12*	
		For 45 Minutes Fire Rated, Add	*213.73*	
		For 60 Minutes Fire Rated, Add	*366.39*	
		For 90 Minutes Fire Rated, Add	*519.05*	
		For 120 Minutes Fire Rated, Add	*732.78*	
08 34 73 13-0013	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,450.51	110.59
		For 8' Height, Add	*371.37*	
		For 45 Minutes Fire Rated, Add	*226.05*	
		For 60 Minutes Fire Rated, Add	*387.52*	
		For 90 Minutes Fire Rated, Add	*548.99*	
		For 120 Minutes Fire Rated, Add	*775.04*	
08 34 73 13-0014	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,539.50	110.59
		For 8' Height, Add	*381.61*	
		For 45 Minutes Fire Rated, Add	*232.28*	
		For 60 Minutes Fire Rated, Add	*398.20*	
		For 90 Minutes Fire Rated, Add	*564.12*	
		For 120 Minutes Fire Rated, Add	*796.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0015	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,619.21	110.59
		For 8' Height, Add	*390.77*	
		For 45 Minutes Fire Rated, Add	*237.86*	
		For 60 Minutes Fire Rated, Add	*407.76*	
		For 90 Minutes Fire Rated, Add	*577.67*	
		For 120 Minutes Fire Rated, Add	*815.53*	
08 34 73 13-0016	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,718.08	110.59
		For 8' Height, Add	*402.14*	
		For 45 Minutes Fire Rated, Add	*244.78*	
		For 60 Minutes Fire Rated, Add	*419.63*	
		For 90 Minutes Fire Rated, Add	*594.47*	
		For 120 Minutes Fire Rated, Add	*839.26*	
08 34 73 13-0017	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,896.21	115.61
		For 8' Height, Add	*421.47*	
		For 45 Minutes Fire Rated, Add	*256.55*	
		For 60 Minutes Fire Rated, Add	*439.80*	
		For 90 Minutes Fire Rated, Add	*623.05*	
		For 120 Minutes Fire Rated, Add	*879.60*	
08 34 73 13-0018	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,975.93	115.61
		For 8' Height, Add	*430.64*	
		For 45 Minutes Fire Rated, Add	*262.13*	
		For 60 Minutes Fire Rated, Add	*449.37*	
		For 90 Minutes Fire Rated, Add	*636.60*	
		For 120 Minutes Fire Rated, Add	*898.73*	
08 34 73 13-0019	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,055.64	115.61
		For 8' Height, Add	*439.81*	
		For 45 Minutes Fire Rated, Add	*267.71*	
		For 60 Minutes Fire Rated, Add	*458.93*	
		For 90 Minutes Fire Rated, Add	*650.15*	
		For 120 Minutes Fire Rated, Add	*917.86*	
08 34 73 13-0020	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,144.62	115.61
		For 8' Height, Add	*450.04*	
		For 45 Minutes Fire Rated, Add	*273.94*	
		For 60 Minutes Fire Rated, Add	*469.61*	
		For 90 Minutes Fire Rated, Add	*665.28*	
		For 120 Minutes Fire Rated, Add	*939.22*	
08 34 73 13-0021	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,931.40	130.69
		For 8' Height, Add	*767.05*	
		For 45 Minutes Fire Rated, Add	*466.90*	
		For 60 Minutes Fire Rated, Add	*800.40*	
		For 90 Minutes Fire Rated, Add	*1,133.90*	
		For 120 Minutes Fire Rated, Add	*1,600.80*	
08 34 73 13-0022	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,007.41	130.69
		For 8' Height, Add	*775.79*	
		For 45 Minutes Fire Rated, Add	*472.22*	
		For 60 Minutes Fire Rated, Add	*809.52*	
		For 90 Minutes Fire Rated, Add	*1,146.83*	
		For 120 Minutes Fire Rated, Add	*1,619.05*	
08 34 73 13-0023	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,088.98	130.69
		For 8' Height, Add	*785.17*	
		For 45 Minutes Fire Rated, Add	*477.93*	
		For 60 Minutes Fire Rated, Add	*819.31*	
		For 90 Minutes Fire Rated, Add	*1,160.69*	
		For 120 Minutes Fire Rated, Add	*1,638.62*	
08 34 73 13-0024	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,172.40	130.69
		For 8' Height, Add	*794.77*	
		For 45 Minutes Fire Rated, Add	*483.77*	
		For 60 Minutes Fire Rated, Add	*829.32*	
		For 90 Minutes Fire Rated, Add	*1,174.87*	
		For 120 Minutes Fire Rated, Add	*1,658.64*	
08 34 73 13-0025	EA	7' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,441.72	135.72
		For 8' Height, Add	*824.58*	
		For 45 Minutes Fire Rated, Add	*501.92*	
		For 60 Minutes Fire Rated, Add	*860.43*	
		For 90 Minutes Fire Rated, Add	*1,218.95*	
		For 120 Minutes Fire Rated, Add	*1,720.87*	
08 34 73 13-0026	EA	7' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,523.42	135.72
		For 8' Height, Add	*833.98*	
		For 45 Minutes Fire Rated, Add	*507.64*	
		For 60 Minutes Fire Rated, Add	*870.24*	
		For 90 Minutes Fire Rated, Add	*1,232.84*	
		For 120 Minutes Fire Rated, Add	*1,740.48*	
08 34 73 13-0027	EA	7' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,611.11	135.72
		For 8' Height, Add	*844.06*	
		For 45 Minutes Fire Rated, Add	*513.78*	
		For 60 Minutes Fire Rated, Add	*880.76*	
		For 90 Minutes Fire Rated, Add	*1,247.74*	
		For 120 Minutes Fire Rated, Add	*1,761.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0028	EA	7' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,700.79	135.72
		For 8' Height, Add	*854.38*	
		For 45 Minutes Fire Rated, Add	*520.05*	
		For 60 Minutes Fire Rated, Add	*891.52*	
		For 90 Minutes Fire Rated, Add	*1,262.99*	
		For 120 Minutes Fire Rated, Add	*1,783.04*	
08 34 73 13-0029	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,327.83	100.53
		For 8' Height, Add	*359.58*	
		For 45 Minutes Fire Rated, Add	*218.87*	
		For 60 Minutes Fire Rated, Add	*375.21*	
		For 90 Minutes Fire Rated, Add	*531.55*	
		For 120 Minutes Fire Rated, Add	*750.42*	
08 34 73 13-0030	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,416.40	100.53
		For 8' Height, Add	*369.76*	
		For 45 Minutes Fire Rated, Add	*225.07*	
		For 60 Minutes Fire Rated, Add	*385.84*	
		For 90 Minutes Fire Rated, Add	*546.61*	
		For 120 Minutes Fire Rated, Add	*771.68*	
08 34 73 13-0031	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,504.97	100.53
		For 8' Height, Add	*379.95*	
		For 45 Minutes Fire Rated, Add	*231.27*	
		For 60 Minutes Fire Rated, Add	*396.47*	
		For 90 Minutes Fire Rated, Add	*561.66*	
		For 120 Minutes Fire Rated, Add	*792.94*	
08 34 73 13-0032	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,593.54	100.53
		For 8' Height, Add	*390.14*	
		For 45 Minutes Fire Rated, Add	*237.47*	
		For 60 Minutes Fire Rated, Add	*407.10*	
		For 90 Minutes Fire Rated, Add	*576.72*	
		For 120 Minutes Fire Rated, Add	*814.20*	
08 34 73 13-0033	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,809.33	110.59
		For 8' Height, Add	*412.64*	
		For 45 Minutes Fire Rated, Add	*251.17*	
		For 60 Minutes Fire Rated, Add	*430.58*	
		For 90 Minutes Fire Rated, Add	*609.99*	
		For 120 Minutes Fire Rated, Add	*861.16*	
08 34 73 13-0034	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,908.20	110.59
		For 8' Height, Add	*424.01*	
		For 45 Minutes Fire Rated, Add	*258.09*	
		For 60 Minutes Fire Rated, Add	*442.44*	
		For 90 Minutes Fire Rated, Add	*626.80*	
		For 120 Minutes Fire Rated, Add	*884.89*	
08 34 73 13-0035	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,996.77	110.59
		For 8' Height, Add	*434.19*	
		For 45 Minutes Fire Rated, Add	*264.29*	
		For 60 Minutes Fire Rated, Add	*453.07*	
		For 90 Minutes Fire Rated, Add	*641.85*	
		For 120 Minutes Fire Rated, Add	*906.14*	
08 34 73 13-0036	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,106.63	110.59
		For 8' Height, Add	*446.83*	
		For 45 Minutes Fire Rated, Add	*271.98*	
		For 60 Minutes Fire Rated, Add	*466.26*	
		For 90 Minutes Fire Rated, Add	*660.53*	
		For 120 Minutes Fire Rated, Add	*932.51*	
08 34 73 13-0037	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,303.43	115.61
		For 8' Height, Add	*468.30*	
		For 45 Minutes Fire Rated, Add	*285.05*	
		For 60 Minutes Fire Rated, Add	*488.67*	
		For 90 Minutes Fire Rated, Add	*692.28*	
		For 120 Minutes Fire Rated, Add	*977.33*	
08 34 73 13-0038	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,392.00	115.61
		For 8' Height, Add	*478.49*	
		For 45 Minutes Fire Rated, Add	*291.25*	
		For 60 Minutes Fire Rated, Add	*499.29*	
		For 90 Minutes Fire Rated, Add	*707.33*	
		For 120 Minutes Fire Rated, Add	*998.59*	
08 34 73 13-0039	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,480.58	115.61
		For 8' Height, Add	*488.68*	
		For 45 Minutes Fire Rated, Add	*297.46*	
		For 60 Minutes Fire Rated, Add	*509.92*	
		For 90 Minutes Fire Rated, Add	*722.39*	
		For 120 Minutes Fire Rated, Add	*1,019.85*	
08 34 73 13-0040	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,579.45	115.61
		For 8' Height, Add	*500.05*	
		For 45 Minutes Fire Rated, Add	*304.38*	
		For 60 Minutes Fire Rated, Add	*521.79*	
		For 90 Minutes Fire Rated, Add	*739.20*	
		For 120 Minutes Fire Rated, Add	*1,043.58*	
08 34 73 13-0041	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,672.52	130.69
		For 8' Height, Add	*852.28*	
		For 45 Minutes Fire Rated, Add	*518.78*	
		For 60 Minutes Fire Rated, Add	*889.34*	
		For 90 Minutes Fire Rated, Add	*1,259.89*	
		For 120 Minutes Fire Rated, Add	*1,778.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0042	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,756.97	130.69
		For 8' Height, Add	*861.99*	
		For 45 Minutes Fire Rated, Add	*524.69*	
		For 60 Minutes Fire Rated, Add	*899.47*	
		For 90 Minutes Fire Rated, Add	*1,274.25*	
		For 120 Minutes Fire Rated, Add	*1,798.94*	
08 34 73 13-0043	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,847.60	130.69
		For 8' Height, Add	*872.42*	
		For 45 Minutes Fire Rated, Add	*531.04*	
		For 60 Minutes Fire Rated, Add	*910.35*	
		For 90 Minutes Fire Rated, Add	*1,289.66*	
		For 120 Minutes Fire Rated, Add	*1,820.69*	
08 34 73 13-0044	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,940.29	130.69
		For 8' Height, Add	*883.07*	
		For 45 Minutes Fire Rated, Add	*537.52*	
		For 60 Minutes Fire Rated, Add	*921.47*	
		For 90 Minutes Fire Rated, Add	*1,305.41*	
		For 120 Minutes Fire Rated, Add	*1,842.94*	
08 34 73 13-0045	EA	7' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,238.41	135.72
		For 8' Height, Add	*916.20*	
		For 45 Minutes Fire Rated, Add	*557.69*	
		For 60 Minutes Fire Rated, Add	*956.04*	
		For 90 Minutes Fire Rated, Add	*1,354.38*	
		For 120 Minutes Fire Rated, Add	*1,912.07*	
08 34 73 13-0046	EA	7' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,329.20	135.72
		For 8' Height, Add	*926.64*	
		For 45 Minutes Fire Rated, Add	*564.04*	
		For 60 Minutes Fire Rated, Add	*966.93*	
		For 90 Minutes Fire Rated, Add	*1,369.82*	
		For 120 Minutes Fire Rated, Add	*1,933.86*	
08 34 73 13-0047	EA	7' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,426.63	135.72
		For 8' Height, Add	*937.85*	
		For 45 Minutes Fire Rated, Add	*570.86*	
		For 60 Minutes Fire Rated, Add	*978.62*	
		For 90 Minutes Fire Rated, Add	*1,386.38*	
		For 120 Minutes Fire Rated, Add	*1,957.25*	
08 34 73 13-0048	EA	7' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,526.27	135.72
		For 8' Height, Add	*949.31*	
		For 45 Minutes Fire Rated, Add	*577.84*	
		For 60 Minutes Fire Rated, Add	*990.58*	
		For 90 Minutes Fire Rated, Add	*1,403.32*	
		For 120 Minutes Fire Rated, Add	*1,981.16*	

08 34 73 16 Wood Sound Control Door Assemblies *(08 34 73)*

08 34 73 16-0001 Wood Acoustical Door Assembly *(08 34 73 16)*

Note: Includes prefinished wood door, frame, hinges and seals. Excludes hardware: locksets, closer, electromagnetic release, etc.

08 34 73 16-0002	EA	3' x 7' x 1-3/4" Thick, STC 27, Wood Acoustical Door System (Unrated)	2,576.51	281.48
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0003	EA	3' x 7' x 1-3/4" Thick, STC 29, Wood Acoustical Door System (Unrated)	2,784.80	281.48
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0004	EA	3' x 7' x 1-3/4" Thick, STC 30, Wood Acoustical Door System (Unrated)	2,900.52	281.48
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0005	EA	3' x 7' x 1-3/4" Thick, STC 31, Wood Acoustical Door System (Unrated)	3,016.24	281.48
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0006	EA	3' x 7' x 1-3/4" Thick, STC 36, Wood Acoustical Door System (Unrated)	3,525.41	281.48
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 16-0007	EA	3' x 7' x 1-3/4" Thick, STC 40, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	4,636.32	281.48
08 34 73 16-0008	EA	3' x 7' x 1-3/4" Thick, STC 42, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	4,851.56	281.48
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0009	EA	3' x 7' x 1-3/4" Thick, STC 46, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	5,712.52	281.48
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0010	EA	3' x 7' x 1-3/4" Thick, STC 49, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	6,354.77	281.48

08 35 Folding Doors and Grilles *(08 30)*

08 35 13 Folding Doors *(08 35)*

08 35 13 13 Accordion Folding Doors *(08 35 13)*

08 35 13 13-0001 Accordion Folding Doors *(08 35 13 13)*
Note: Includes track, fittings and hardware, complete.

08 35 13 13-0002	SF	Fire-Resistant, Vinyl Fabric Installed On Welded Steel Frames, Accordion Folding Door	90.13	10.06
		For Fire Retardant, Add	*20.27*	
08 35 13 13-0003	SF	1/32" Thick, Single Ply Vinyl, Accordion Folding Door	17.11	10.06
		For Fire Retardant, Add	*2.02*	
08 35 13 13-0004	SF	0.04" Thick, Fire-Resistant, Rigid Vinyl Panels, Accordion Folding Door	39.98	10.06
		For Fire Retardant, Add	*7.73*	
08 35 13 13-0005	SF	3/8" Thick, Fire-Resistant, Wood Veneer, Vinyl Or High Pressure Laminate, High Density Engineered Wood Core Panel, Accordion Folding Door	57.22	10.06
		For Fire Retardant, Add	*12.04*	

08 36 Panel Doors *(08 30)*

08 36 13 Sectional Doors *(08 36)*

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-1039 for forklift.

08 36 13 00-0001 Sectional Wood Overhead Doors (Width x Height) *(08 36 13)*

08 36 13 00-0002 Wood Sectional Overhead Doors *(08 36 13 00-0001)*
Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0003	EA	8' x 8', Wood Sectional Door, Manual Lift	2,449.23	402.13
08 36 13 00-0004	EA	10' x 10', Wood Sectional Door, Manual Lift	3,031.52	446.36
08 36 13 00-0005	EA	12' x 12', Wood Sectional Door, Manual Lift	3,858.75	534.83
08 36 13 00-0006	EA	14' x 14', Wood Sectional Door, Manual Lift	5,520.71	619.28
08 36 13 00-0007	EA	12' x 16', Wood Sectional Door, Manual Lift	5,970.60	804.25
08 36 13 00-0008	EA	20' x 8', Wood Sectional Door, Manual Lift	5,750.41	1,005.31
08 36 13 00-0009	EA	20' x 16', Wood Sectional Door, Manual Lift	10,366.05	1,340.08

08 36 13 00-0010 Residential Grade, Wood Sectional Overhead Doors *(08 36 13 00-0001)*
Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0011	EA	9' x 7', Residential Grade, Wood Sectional Door, Manual Lift	1,262.61	201.06
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*429.70*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
08 36 13 00-0012	EA	16' x 7', Residential Grade, Wood Sectional Door, Manual Lift	1,968.04	201.06
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*459.59*	
		For Each Glass Vision Panel In Door, Add	*50.00*	

08 36 13 00-0013 Sectional Metal Overhead Doors (Width x Height) *(08 36 13)*
Note: Includes tracks and all hardware.

08 36 13 00-0014 Galvanized Steel Sectional Overhead Doors *(08 36 13 00-0013)*

08 36 13 00-0015 Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*
Note: Includes 2" door, tracks and hardware. Excludes frame.

08 36 13 00-0016	EA	8' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,718.74	351.86
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*147.18*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*253.76*	
		For Aluminum, Mill Finish, Add	*115.71*	
		For Aluminum, Anodized Finish, Add	*323.79*	
08 36 13 00-0017	EA	8' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,029.62	402.13
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*177.68*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*306.34*	
		For Aluminum, Mill Finish, Add	*139.69*	
		For Aluminum, Anodized Finish, Add	*390.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0018	EA	8' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,503.49	502.65
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*217.24*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*374.55*	
		For Aluminum, Mill Finish, Add	*170.79*	
		For Aluminum, Anodized Finish, Add	*477.92*	
08 36 13 00-0019	EA	10' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,935.94	402.13
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*164.10*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*282.92*	
		For Aluminum, Mill Finish, Add	*129.01*	
		For Aluminum, Anodized Finish, Add	*361.01*	
08 36 13 00-0020	EA	10' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,383.52	502.65
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*199.84*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*344.55*	
		For Aluminum, Mill Finish, Add	*157.12*	
		For Aluminum, Anodized Finish, Add	*439.65*	
08 36 13 00-0021	EA	10' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,992.44	653.46
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*244.40*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*421.39*	
		For Aluminum, Mill Finish, Add	*192.15*	
		For Aluminum, Anodized Finish, Add	*537.69*	
08 36 13 00-0022	EA	10' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,527.43	804.25
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*278.24*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*479.73*	
		For Aluminum, Mill Finish, Add	*218.76*	
		For Aluminum, Anodized Finish, Add	*612.14*	
08 36 13 00-0023	EA	12' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,304.65	502.65
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*188.40*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*324.84*	
		For Aluminum, Mill Finish, Add	*148.12*	
		For Aluminum, Anodized Finish, Add	*414.49*	
08 36 13 00-0024	EA	12' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,874.12	653.46
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*227.25*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*391.81*	
		For Aluminum, Mill Finish, Add	*178.66*	
		For Aluminum, Anodized Finish, Add	*499.94*	
08 36 13 00-0025	EA	12' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,506.04	804.25
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*275.14*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*474.39*	
		For Aluminum, Mill Finish, Add	*216.32*	
		For Aluminum, Anodized Finish, Add	*605.32*	
08 36 13 00-0026	EA	12' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,134.70	955.04
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*322.57*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*556.15*	
		For Aluminum, Mill Finish, Add	*253.61*	
		For Aluminum, Anodized Finish, Add	*709.65*	
08 36 13 00-0027	EA	12' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,929.61	1,156.11
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*379.52*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*654.35*	
		For Aluminum, Mill Finish, Add	*298.38*	
		For Aluminum, Anodized Finish, Add	*834.95*	
08 36 13 00-0028	EA	14' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,718.00	653.46
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*204.61*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*352.78*	
		For Aluminum, Mill Finish, Add	*160.87*	
		For Aluminum, Anodized Finish, Add	*450.14*	
08 36 13 00-0029	EA	14' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,343.35	804.25
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*251.55*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*433.71*	
		For Aluminum, Mill Finish, Add	*197.77*	
		For Aluminum, Anodized Finish, Add	*553.42*	
08 36 13 00-0030	EA	14' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,121.83	1,005.31
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*306.12*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*527.80*	
		For Aluminum, Mill Finish, Add	*240.68*	
		For Aluminum, Anodized Finish, Add	*673.47*	
08 36 13 00-0031	EA	14' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,753.76	1,156.11
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*354.02*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*610.39*	
		For Aluminum, Mill Finish, Add	*278.34*	
		For Aluminum, Anodized Finish, Add	*778.85*	
08 36 13 00-0032	EA	14' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,472.79	1,306.90
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*414.55*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*714.75*	
		For Aluminum, Mill Finish, Add	*325.92*	
		For Aluminum, Anodized Finish, Add	*912.01*	
08 36 13 00-0033	EA	16' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,285.82	804.25
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*243.21*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*419.33*	
		For Aluminum, Mill Finish, Add	*191.21*	
		For Aluminum, Anodized Finish, Add	*535.07*	
08 36 13 00-0034	EA	16' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,061.01	1,005.31
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*297.31*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*512.60*	
		For Aluminum, Mill Finish, Add	*233.74*	
		For Aluminum, Anodized Finish, Add	*654.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0035	EA	16' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,784.97	1,156.11
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*358.55*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*618.19*	
		For Aluminum, Mill Finish, Add	*281.89*	
		For Aluminum, Anodized Finish, Add	*788.81*	
08 36 13 00-0036	EA	16' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,719.31	1,306.90
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*450.30*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*776.38*	
		For Aluminum, Mill Finish, Add	*354.03*	
		For Aluminum, Anodized Finish, Add	*990.65*	
08 36 13 00-0037	EA	16' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,665.43	1,507.97
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*529.17*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*912.37*	
		For Aluminum, Mill Finish, Add	*416.04*	
		For Aluminum, Anodized Finish, Add	*1,164.18*	
08 36 13 00-0038	EA	18' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,187.58	1,005.31
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*315.66*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*544.24*	
		For Aluminum, Mill Finish, Add	*248.17*	
		For Aluminum, Anodized Finish, Add	*694.45*	
08 36 13 00-0039	EA	18' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,011.78	1,156.11
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*391.44*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*674.89*	
		For Aluminum, Mill Finish, Add	*307.75*	
		For Aluminum, Anodized Finish, Add	*861.16*	
08 36 13 00-0040	EA	18' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,080.87	1,306.90
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*502.72*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*866.77*	
		For Aluminum, Mill Finish, Add	*395.24*	
		For Aluminum, Anodized Finish, Add	*1,105.99*	
08 36 13 00-0041	EA	18' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,028.64	1,507.97
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*581.84*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,003.17*	
		For Aluminum, Mill Finish, Add	*457.45*	
		For Aluminum, Anodized Finish, Add	*1,280.05*	
08 36 13 00-0042	EA	18' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,078.31	1,709.03
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*675.73*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,165.06*	
		For Aluminum, Mill Finish, Add	*531.27*	
		For Aluminum, Anodized Finish, Add	*1,486.61*	
08 36 13 00-0043	EA	20' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,753.76	1,156.11
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*354.02*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*610.39*	
		For Aluminum, Mill Finish, Add	*278.34*	
		For Aluminum, Anodized Finish, Add	*778.85*	
08 36 13 00-0044	EA	20' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,577.98	1,306.90
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*429.80*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*741.04*	
		For Aluminum, Mill Finish, Add	*337.92*	
		For Aluminum, Anodized Finish, Add	*945.57*	
08 36 13 00-0045	EA	20' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,902.10	1,507.97
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*563.49*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*971.54*	
		For Aluminum, Mill Finish, Add	*443.02*	
		For Aluminum, Anodized Finish, Add	*1,239.68*	
08 36 13 00-0046	EA	20' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,849.86	1,709.03
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*642.61*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,107.95*	
		For Aluminum, Mill Finish, Add	*505.22*	
		For Aluminum, Anodized Finish, Add	*1,413.74*	
08 36 13 00-0047	EA	20' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,727.84	1,910.10
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*856.60*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,476.91*	
		For Aluminum, Mill Finish, Add	*673.47*	
		For Aluminum, Anodized Finish, Add	*1,884.53*	
08 36 13 00-0048	EA	22' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,288.72	1,306.90
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*387.86*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*668.73*	
		For Aluminum, Mill Finish, Add	*304.94*	
		For Aluminum, Anodized Finish, Add	*853.30*	
08 36 13 00-0049	EA	22' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,548.76	1,507.97
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*512.26*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*883.20*	
		For Aluminum, Mill Finish, Add	*402.74*	
		For Aluminum, Anodized Finish, Add	*1,126.97*	
08 36 13 00-0050	EA	22' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,775.91	1,709.03
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*631.89*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,089.46*	
		For Aluminum, Mill Finish, Add	*496.79*	
		For Aluminum, Anodized Finish, Add	*1,390.15*	
08 36 13 00-0051	EA	22' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,197.00	1,910.10
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*779.63*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,344.20*	
		For Aluminum, Mill Finish, Add	*612.95*	
		For Aluminum, Anodized Finish, Add	*1,715.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0052	EA	22' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,379.72	2,111.16
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*892.83*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,539.36*	
		For Aluminum, Mill Finish, Add	*701.95*	
		For Aluminum, Anodized Finish, Add	*1,964.22*	
08 36 13 00-0053	EA	24' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,850.29	1,507.97
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*410.98*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*708.59*	
		For Aluminum, Mill Finish, Add	*323.11*	
		For Aluminum, Anodized Finish, Add	*904.15*	
08 36 13 00-0054	EA	24' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,161.24	1,709.03
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*542.76*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*935.79*	
		For Aluminum, Mill Finish, Add	*426.72*	
		For Aluminum, Anodized Finish, Add	*1,194.07*	
08 36 13 00-0055	EA	24' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,756.55	1,910.10
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*715.77*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,234.08*	
		For Aluminum, Mill Finish, Add	*562.74*	
		For Aluminum, Anodized Finish, Add	*1,574.69*	
08 36 13 00-0056	EA	24' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,794.66	2,111.16
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*807.99*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,393.09*	
		For Aluminum, Mill Finish, Add	*635.25*	
		For Aluminum, Anodized Finish, Add	*1,777.58*	
08 36 13 00-0057	EA	24' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,007.02	2,312.22
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*925.48*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,595.65*	
		For Aluminum, Mill Finish, Add	*727.62*	
		For Aluminum, Anodized Finish, Add	*2,036.05*	

08 36 13 00-0058 Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*

Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.

08 36 13 00-0059	EA	8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,202.38	351.86
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*187.33*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*374.67*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*974.13*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,873.33*	
		For Aluminum, Mill Finish, Add	*170.85*	
		For Aluminum, Anodized Finish, Add	*478.07*	
08 36 13 00-0060	EA	8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,629.92	402.13
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*228.21*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*456.42*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,186.69*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,282.09*	
		For Aluminum, Mill Finish, Add	*208.13*	
		For Aluminum, Anodized Finish, Add	*582.39*	
08 36 13 00-0061	EA	8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,227.70	502.65
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*277.80*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*555.60*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,444.55*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,777.99*	
		For Aluminum, Mill Finish, Add	*253.35*	
		For Aluminum, Anodized Finish, Add	*708.94*	
08 36 13 00-0062	EA	10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,563.26	402.13
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*219.88*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*439.75*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,143.36*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,198.76*	
		For Aluminum, Mill Finish, Add	*200.53*	
		For Aluminum, Anodized Finish, Add	*561.12*	
08 36 13 00-0063	EA	10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,145.58	502.65
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*267.53*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*535.07*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,391.18*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,675.34*	
		For Aluminum, Mill Finish, Add	*243.99*	
		For Aluminum, Anodized Finish, Add	*682.75*	
08 36 13 00-0064	EA	10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,994.22	653.46
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*335.92*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*671.83*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,746.76*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,359.15*	
		For Aluminum, Mill Finish, Add	*306.35*	
		For Aluminum, Anodized Finish, Add	*857.26*	
08 36 13 00-0065	EA	10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,621.28	804.25
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*376.60*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*753.20*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,958.31*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,765.98*	
		For Aluminum, Mill Finish, Add	*343.46*	
		For Aluminum, Anodized Finish, Add	*961.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0066	EA	12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,020.05	502.65
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*251.84*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*503.69*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,309.58*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,518.43*	
		For Aluminum, Mill Finish, Add	*229.68*	
		For Aluminum, Anodized Finish, Add	*642.70*	
08 36 13 00-0067	EA	12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,757.12	653.46
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*306.28*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*612.56*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,592.64*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,062.78*	
		For Aluminum, Mill Finish, Add	*279.33*	
		For Aluminum, Anodized Finish, Add	*781.62*	
08 36 13 00-0068	EA	12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,579.45	804.25
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*371.37*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*742.74*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,931.12*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,713.69*	
		For Aluminum, Mill Finish, Add	*338.69*	
		For Aluminum, Anodized Finish, Add	*947.73*	
08 36 13 00-0069	EA	12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,350.61	955.04
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*430.07*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*860.13*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,236.34*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,300.65*	
		For Aluminum, Mill Finish, Add	*392.22*	
		For Aluminum, Anodized Finish, Add	*1,097.53*	
08 36 13 00-0070	EA	12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,496.62	1,156.11
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*523.05*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,046.10*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,719.87*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,230.51*	
		For Aluminum, Mill Finish, Add	*477.02*	
		For Aluminum, Anodized Finish, Add	*1,334.83*	
08 36 13 00-0071	EA	14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,572.70	653.46
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*283.23*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*566.45*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,472.77*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,832.25*	
		For Aluminum, Mill Finish, Add	*258.30*	
		For Aluminum, Anodized Finish, Add	*722.79*	
08 36 13 00-0072	EA	14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,432.22	804.25
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*352.97*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*705.93*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,835.42*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,529.65*	
		For Aluminum, Mill Finish, Add	*321.90*	
		For Aluminum, Anodized Finish, Add	*900.77*	
08 36 13 00-0073	EA	14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,384.52	1,005.31
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*421.74*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*843.47*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,193.03*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,217.36*	
		For Aluminum, Mill Finish, Add	*384.62*	
		For Aluminum, Anodized Finish, Add	*1,076.27*	
08 36 13 00-0074	EA	14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,354.03	1,156.11
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*505.23*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,010.46*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,627.18*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,052.28*	
		For Aluminum, Mill Finish, Add	*460.77*	
		For Aluminum, Anodized Finish, Add	*1,289.34*	
08 36 13 00-0075	EA	14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,298.79	1,306.90
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*585.62*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,171.25*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,045.24*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,856.23*	
		For Aluminum, Mill Finish, Add	*534.09*	
		For Aluminum, Anodized Finish, Add	*1,494.51*	
08 36 13 00-0076	EA	16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,272.59	804.25
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*333.01*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*666.02*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,731.66*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,330.11*	
		For Aluminum, Mill Finish, Add	*303.71*	
		For Aluminum, Anodized Finish, Add	*849.84*	
08 36 13 00-0077	EA	16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,508.50	1,005.31
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*437.23*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*874.47*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,273.62*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,372.34*	
		For Aluminum, Mill Finish, Add	*398.76*	
		For Aluminum, Anodized Finish, Add	*1,115.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0078	EA	16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,437.72	1,156.11
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*515.69*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,031.38*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,681.58*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,156.89*	
		For Aluminum, Mill Finish, Add	*470.31*	
		For Aluminum, Anodized Finish, Add	*1,316.04*	
08 36 13 00-0079	EA	16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,373.16	1,306.90
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*594.92*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,189.84*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,093.58*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,949.19*	
		For Aluminum, Mill Finish, Add	*542.57*	
		For Aluminum, Anodized Finish, Add	*1,518.23*	
08 36 13 00-0080	EA	16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,729.96	1,507.97
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*714.25*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,428.50*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,714.11*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*7,142.51*	
		For Aluminum, Mill Finish, Add	*651.40*	
		For Aluminum, Anodized Finish, Add	*1,822.77*	
08 36 13 00-0081	EA	18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,907.17	1,005.31
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*362.07*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*724.14*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,882.75*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,620.68*	
		For Aluminum, Mill Finish, Add	*330.21*	
		For Aluminum, Anodized Finish, Add	*924.00*	
08 36 13 00-0082	EA	18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,107.62	1,156.11
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*474.43*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*948.85*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,467.02*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,744.26*	
		For Aluminum, Mill Finish, Add	*432.68*	
		For Aluminum, Anodized Finish, Add	*1,210.74*	
08 36 13 00-0083	EA	18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,100.40	1,306.90
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*560.82*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,121.65*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,916.28*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,608.24*	
		For Aluminum, Mill Finish, Add	*511.47*	
		For Aluminum, Anodized Finish, Add	*1,431.22*	
08 36 13 00-0084	EA	18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,888.04	1,507.97
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*734.01*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,468.02*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,816.86*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*7,340.11*	
		For Aluminum, Mill Finish, Add	*669.42*	
		For Aluminum, Anodized Finish, Add	*1,873.20*	
08 36 13 00-0085	EA	18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,722.55	1,709.03
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*788.06*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,576.12*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,097.91*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*7,880.59*	
		For Aluminum, Mill Finish, Add	*718.71*	
		For Aluminum, Anodized Finish, Add	*2,011.13*	
08 36 13 00-0086	EA	20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,078.17	1,156.11
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*470.75*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*941.49*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,447.87*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,707.45*	
		For Aluminum, Mill Finish, Add	*429.32*	
		For Aluminum, Anodized Finish, Add	*1,201.34*	
08 36 13 00-0087	EA	20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,168.61	1,306.90
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*569.35*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,138.70*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,960.62*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,693.50*	
		For Aluminum, Mill Finish, Add	*519.25*	
		For Aluminum, Anodized Finish, Add	*1,452.98*	
08 36 13 00-0088	EA	20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,205.73	1,507.97
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*773.72*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,547.45*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,023.36*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*7,737.23*	
		For Aluminum, Mill Finish, Add	*705.63*	
		For Aluminum, Anodized Finish, Add	*1,974.54*	
08 36 13 00-0089	EA	20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,006.15	1,709.03
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*823.51*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,647.02*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,282.25*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*8,235.09*	
		For Aluminum, Mill Finish, Add	*751.04*	
		For Aluminum, Anodized Finish, Add	*2,101.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0090	EA	20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,643.46	1,910.10
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*977.91*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,955.81*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,085.11*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*9,779.05*	
		For Aluminum, Mill Finish, Add	*891.85*	
		For Aluminum, Anodized Finish, Add	*2,495.61*	
08 36 13 00-0091	EA	22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,658.73	1,306.90
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*505.62*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,011.23*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,629.20*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,056.15*	
		For Aluminum, Mill Finish, Add	*461.12*	
		For Aluminum, Anodized Finish, Add	*1,290.33*	
08 36 13 00-0092	EA	22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,260.39	1,507.97
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*655.56*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,311.11*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,408.89*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*6,555.55*	
		For Aluminum, Mill Finish, Add	*597.87*	
		For Aluminum, Anodized Finish, Add	*1,672.98*	
08 36 13 00-0093	EA	22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,835.69	1,709.03
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*802.20*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,604.40*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,171.45*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*8,022.01*	
		For Aluminum, Mill Finish, Add	*731.61*	
		For Aluminum, Anodized Finish, Add	*2,047.22*	
08 36 13 00-0094	EA	22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,056.09	1,910.10
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*904.48*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,808.97*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,703.32*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*9,044.84*	
		For Aluminum, Mill Finish, Add	*824.89*	
		For Aluminum, Anodized Finish, Add	*2,308.24*	
08 36 13 00-0095	EA	22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	12,631.35	2,111.16
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,051.13*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,102.26*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,465.88*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*10,511.31*	
		For Aluminum, Mill Finish, Add	*958.63*	
		For Aluminum, Anodized Finish, Add	*2,682.49*	
08 36 13 00-0096	EA	24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,403.36	1,507.97
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*548.43*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,096.85*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,851.82*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,484.26*	
		For Aluminum, Mill Finish, Add	*500.16*	
		For Aluminum, Anodized Finish, Add	*1,399.58*	
08 36 13 00-0097	EA	24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,177.05	1,709.03
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*719.87*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,439.74*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,743.33*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*7,198.71*	
		For Aluminum, Mill Finish, Add	*656.52*	
		For Aluminum, Anodized Finish, Add	*1,837.11*	
08 36 13 00-0098	EA	24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,664.02	1,910.10
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*855.48*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,710.95*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,448.47*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*8,554.75*	
		For Aluminum, Mill Finish, Add	*780.19*	
		For Aluminum, Anodized Finish, Add	*2,183.17*	
08 36 13 00-0099	EA	24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	12,242.37	2,111.16
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,002.51*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,005.02*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,213.05*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*10,025.09*	
		For Aluminum, Mill Finish, Add	*914.29*	
		For Aluminum, Anodized Finish, Add	*2,558.40*	
08 36 13 00-0100	EA	24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	13,794.42	2,312.22
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,146.25*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,292.50*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,960.49*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*11,462.49*	
		For Aluminum, Mill Finish, Add	*1,045.38*	
		For Aluminum, Anodized Finish, Add	*2,925.23*	

08 36 13 00-0101 Residential Grade, Galvanized Steel Sectional Overhead Doors *(08 36 13 00-0013)*

Note: Includes track and hardware. Excludes frame.

08 36 13 00-0102	EA	9' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	848.84	201.06
		For Aluminum And Fiberglass, Add	*107.32*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*183.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0103	EA	9' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	910.97	201.06
		For Aluminum And Fiberglass, Add	*126.58*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*216.41*	
08 36 13 00-0104	EA	16' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,146.32	230.02
		For Aluminum And Fiberglass, Add	*177.48*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*303.43*	
08 36 13 00-0105	EA	16' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,243.94	230.02
		For Aluminum And Fiberglass, Add	*207.74*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*355.17*	
08 36 13 00-0106		Removal And Reinstallation Of Sectional Metal Overhead Doors And Supports *(08 36 13 00-0013)*		
		Note: Includes storage, cleaning and supply materials.		
08 36 13 00-0107	SF	Removal And Reinstallation Of Sectional Metal Overhead Door And Supports	14.63	
08 36 13 00-0108		Sectional Fiberglass Overhead Doors (Width x Height) *(08 36 13)*		
08 36 13 00-0109		Fiberglass Sectional Overhead Doors *(08 36 13 00-0108)*		
08 36 13 00-0110		Non-Insulated, Fiberglass Sectional Doors *(08 36 13 00-0109)*		
		Note: Includes 2" door, tracks and hardware. Excludes frame.		
08 36 13 00-0111	EA	8' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,232.94	351.86
08 36 13 00-0112	EA	8' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,647.77	402.13
08 36 13 00-0113	EA	8' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,138.06	502.65
08 36 13 00-0114	EA	10' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,617.59	402.13
08 36 13 00-0115	EA	10' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,117.95	452.39
08 36 13 00-0116	EA	10' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,899.95	628.33
08 36 13 00-0117	EA	10' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,686.40	804.25
08 36 13 00-0118	EA	12' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,095.31	502.65
08 36 13 00-0119	EA	12' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,882.34	628.33
08 36 13 00-0120	EA	12' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,659.02	753.99
08 36 13 00-0121	EA	12' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	5,685.10	1,005.31
08 36 13 00-0122	EA	12' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	6,617.13	1,206.38
08 36 13 00-0123	EA	14' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,773.86	703.72
08 36 13 00-0124	EA	14' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,580.77	804.25
08 36 13 00-0125	EA	14' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	5,594.56	1,005.31
08 36 13 00-0126	EA	14' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	6,607.07	1,206.38
08 36 13 00-0127	EA	14' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	7,421.32	1,306.90
08 36 13 00-0128	EA	16' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,286.51	804.25
08 36 13 00-0129	EA	16' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	5,151.91	904.78
08 36 13 00-0130	EA	16' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	6,233.95	1,105.85
08 36 13 00-0131	EA	16' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	7,303.11	1,306.90
08 36 13 00-0132	EA	16' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	8,171.46	1,407.43
08 36 13 00-0133		Insulated, Fiberglass Sectional Doors *(08 36 13 00-0109)*		
		Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.		
08 36 13 00-0134	EA	8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	2,737.56	351.86
08 36 13 00-0135	EA	8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,256.14	402.13
08 36 13 00-0136	EA	8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	3,841.87	502.65
08 36 13 00-0137	EA	10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	3,216.00	402.13
08 36 13 00-0138	EA	10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,848.31	452.39
08 36 13 00-0139	EA	10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	4,772.24	628.33
08 36 13 00-0140	EA	10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	5,702.27	804.25
08 36 13 00-0141	EA	12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	3,785.01	502.65
08 36 13 00-0142	EA	12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	4,748.82	628.33
08 36 13 00-0143	EA	12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	5,698.96	753.99
08 36 13 00-0144	EA	12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	6,897.68	1,005.31
08 36 13 00-0145	EA	12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	8,004.83	1,206.38
08 36 13 00-0146	EA	14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	4,554.86	703.72
08 36 13 00-0147	EA	14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	5,561.78	804.25
08 36 13 00-0148	EA	14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	6,777.26	1,005.31
08 36 13 00-0149	EA	14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	7,991.45	1,206.38
08 36 13 00-0150	EA	14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	9,008.21	1,306.90
08 36 13 00-0151	EA	16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	5,170.42	804.25
08 36 13 00-0152	EA	16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	6,254.93	904.78
08 36 13 00-0153	EA	16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	7,561.06	1,105.85
08 36 13 00-0154	EA	16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	8,850.99	1,306.90
08 36 13 00-0155	EA	16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	9,939.28	1,407.43
08 36 13 00-0156		Sectional Overhead Door Accessories *(08 36 13)*		
08 36 13 00-0157		Sectional Overhead Door Accessories *(08 36 13 00-0156)*		
08 36 13 00-0158	LF	Flap Seal For Sectional Overhead Doors	4.19	
08 36 13 00-0159	LF	Weather Seal At Top Of Door For Sectional Overhead Doors	6.26	
08 36 13 00-0160	LF	Astragal Only, Weather Strip At Bottom Of Door For Sectional Overhead Doors	3.21	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0161	EA	Cylinder Lock For Sectional Overhead Doors	400.77	
08 36 13 00-0162	EA	Manual Chain Hoist For Sectional Overhead Doors	548.17	
08 36 13 00-0163	EA	3/4 HP, Electric Chain Lift Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,464.45	
08 36 13 00-0164	EA	1/2 HP Trolley Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,014.48	
08 36 13 00-0165	EA	3/4 HP Trolley Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,299.40	
		For Door Height >12', Add *Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.*	*10.00*	
08 36 13 00-0166	SF	Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	36.47	
08 36 13 00-0167	SF	>2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	22.74	
08 36 13 00-0168	SF	Up To 2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	38.13	
08 36 13 00-0169	SF	>2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	25.99	
08 36 13 00-0170	SF	Up To 2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	61.33	
08 36 13 00-0171	SF	>2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	41.40	
08 36 13 00-0172	EA	Vertical Lift Track For Sectional Overhead Doors Up To 12' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	552.98	
08 36 13 00-0173	EA	Vertical Lift Track For Sectional Overhead Doors >12' To 16' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	862.21	
08 36 13 00-0174	EA	Vertical Lift Track For Sectional Overhead Doors >16' To 20' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	1,271.17	
08 36 13 00-0175	SF	25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	1.70	
08 36 13 00-0176	SF	50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	2.18	
08 36 13 00-0177	SF	100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	2.89	

08 38 Traffic Doors *(08 30)*

08 38 13 Flexible Strip Doors *(08 38)*

08 38 13 00-0001 Clear Polyvinyl Chloride (PVC) Strip Doors *(08 38 13)*

08 38 13 00-0002	SF	8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	20.69	6.04
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.76*	
		For Ribbed Strip Material, Add	*1.60*	
08 38 13 00-0003	SF	8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	28.85	8.04
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.08*	
		For Ribbed Strip Material, Add	*2.26*	
08 38 13 00-0004	SF	12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	18.65	5.03
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.96*	
		For Ribbed Strip Material, Add	*2.02*	
08 38 13 00-0005	SF	12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	24.12	5.53
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.21*	
		For Ribbed Strip Material, Add	*2.53*	
08 38 13 00-0006	SF	16" Smooth Strip, 0.160" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	20.25	5.03
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.22*	
		For Ribbed Strip Material, Add	*2.56*	

08 38 13 00-0007 Clear Polyvinyl Chloride (PVC) Replacement Strips *(08 38 13)*

08 38 13 00-0008	EA	8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip	63.87	28.35
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.76*	
		For Ribbed Strip Material, Add	*3.70*	
08 38 13 00-0009	EA	8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip	66.34	28.35
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*2.01*	
		For Ribbed Strip Material, Add	*4.22*	
08 38 13 00-0010	EA	12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip	98.49	35.09
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*4.12*	
		For Ribbed Strip Material, Add	*8.65*	
08 38 13 00-0011	EA	12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip	106.86	35.09
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*4.96*	
		For Ribbed Strip Material, Add	*10.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 13 00-0012	EA	12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip	114.71	35.09
		For Cooler/Freezer Doors, USDA Grade, Add	*5.74*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*12.06*	
08 38 13 00-0013	EA	16" Smooth Strip, 0.160" Thick, 14' Long, Replacement Strip	206.11	35.79
		For Cooler/Freezer Doors, USDA Grade, Add	*13.45*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*28.24*	

08 38 16 Flexible Traffic Doors *(08 38)*

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 16 00-0001 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (TMI Mega-Pro) *(08 38 16)*

08 38 16 00-0002 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0001)*

08 38 16 00-0003 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*

08 38 16 00-0004	EA	72" x 84" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	5,812.38	100.53
08 38 16 00-0005	EA	72" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	6,294.73	100.53
08 38 16 00-0006	EA	96" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	13,244.56	115.61
08 38 16 00-0007	EA	96" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	14,869.00	125.66
08 38 16 00-0008	EA	108" x 108" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	23,216.40	125.66
08 38 16 00-0009	EA	108" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	24,296.24	125.66
08 38 16 00-0010	EA	120" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	27,026.22	150.79

08 38 16 00-0011 Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*

08 38 16 00-0012	EA	72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	6,483.88	100.53
08 38 16 00-0013	EA	72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	7,021.03	100.53
08 38 16 00-0014	EA	96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	15,717.98	115.61
08 38 16 00-0015	EA	96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	17,331.43	125.66
08 38 16 00-0016	EA	108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	26,040.47	125.66
08 38 16 00-0017	EA	108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	27,138.90	125.66
08 38 16 00-0018	EA	120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	30,188.75	150.79

08 38 16 00-0019 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliason FMP) *(08 38 16)*

Note: Includes pebble embossed finish and a 14" x 16" vinyl window.

08 38 16 00-0020 Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*

08 38 16 00-0021 84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*

08 38 16 00-0022	EA	24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	2,371.92	55.29
08 38 16 00-0023	EA	40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	2,562.40	55.29

08 38 16 00-0024 96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*

08 38 16 00-0025	EA	24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	2,562.40	55.29
08 38 16 00-0026	EA	40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	2,616.13	55.29

08 38 16 00-0027 Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*

08 38 16 00-0028 84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*

08 38 16 00-0029	EA	48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	4,713.67	95.50
08 38 16 00-0030	EA	80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	5,094.63	95.50

08 38 16 00-0031 96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*

08 38 16 00-0032	EA	48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	5,094.63	95.50
08 38 16 00-0033	EA	80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	5,202.08	95.50

08 38 19 Rigid Traffic Doors *(08 38)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 19 00-0001 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) *(08 38 19)*
Note: Includes delta formed vertical edges and a 9" x 14" acrylic window.

08 38 19 00-0002 Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*

08 38 19 00-0003 84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*

08 38 19 00-0004	EA	24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,126.47	55.29
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0005	EA	28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,214.39	55.29
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0006	EA	30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,253.60	57.80
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0007	EA	32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,307.32	57.80
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0008	EA	36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,366.10	60.32
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0009	EA	40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,483.32	60.32
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0010	EA	42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,532.57	67.86
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0011 96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*

08 38 19 00-0012	EA	24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,277.88	55.29
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0013	EA	28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,346.26	55.29
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0014	EA	30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,390.35	57.80
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0015	EA	32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,429.43	57.80
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0016	EA	36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,566.35	60.32
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0017	EA	40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,595.65	60.32
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0018	EA	42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,640.02	67.86
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0019		Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*		
08 38 19 00-0020		84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*		
08 38 19 00-0021	EA	48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,222.77	95.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0022	EA	56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,398.60	95.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0023	EA	60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,466.98	95.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0024	EA	64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,574.43	95.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0025	EA	72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,691.96	100.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0026	EA	80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,926.39	100.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0027	EA	84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,994.77	100.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0028		96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*		
08 38 19 00-0029	EA	48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,525.58	95.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0030	EA	56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,662.34	95.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0031	EA	60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,740.49	95.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0032	EA	64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,818.63	95.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0033	EA	72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,092.45	100.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0034	EA	80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,151.06	100.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0035	EA	84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,209.67	100.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0036		3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus) *(08 38 19)*		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0037		Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*		
08 38 19 00-0038		84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*		
08 38 19 00-0039	EA	24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,025.15	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0040	EA	28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,254.70	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0041	EA	30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,352.52	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0042	EA	32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,450.20	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0043	EA	36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,484.56	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0044	EA	40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,684.81	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0045	EA	42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,880.58	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0046	EA	44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,914.77	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0047		96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*		
08 38 19 00-0048	EA	24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,220.52	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0049	EA	28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,459.84	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0050	EA	30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,557.66	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0051	EA	32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,679.76	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0052	EA	36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,772.72	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0053	EA	40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,968.09	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0054	EA	42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,061.29	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0055	EA	44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,183.39	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0056		Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*		
08 38 19 00-0057		84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*		
08 38 19 00-0058	EA	48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,020.12	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0059	EA	56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,479.23	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0060	EA	60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,664.82	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0061	EA	64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,860.19	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0062	EA	72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,928.88	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0063	EA	80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,329.38	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0064	EA	84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,690.80	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0065	EA	88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,759.18	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0066		96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*		
08 38 19 00-0067	EA	48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,410.85	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0068	EA	56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,889.49	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0069	EA	60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,075.09	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0070	EA	64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,319.30	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0071	EA	72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,505.20	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0072	EA	80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,895.93	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0073	EA	84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,052.22	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0074	EA	88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,296.43	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0075		3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (Eliason PMP-2) *(08 38 19)*		
		Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.		
08 38 19 00-0076		Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*		
08 38 19 00-0077		84" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*		
08 38 19 00-0078	EA	24" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	2,621.29	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0079	EA	28" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	2,983.42	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0080	EA	30" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,085.00	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0081	EA	32" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,121.21	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0082	EA	36" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,162.48	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0083	EA	40" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,500.46	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0084	EA	42" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,793.14	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0085	EA	44" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,835.39	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0086		96" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*		
08 38 19 00-0087	EA	24" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	2,699.75	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0088	EA	28" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,146.37	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0089	EA	30" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,253.99	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0090	EA	32" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,302.28	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0091	EA	36" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,319.40	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0092	EA	40" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,566.85	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0093	EA	42" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,853.50	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0094	EA	44" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,901.78	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0095		Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*		
08 38 19 00-0096		84" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*		
08 38 19 00-0097	EA	48" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,212.41	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0098	EA	56" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,936.65	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0099	EA	60" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,129.78	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0100	EA	64" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,202.21	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0101	EA	72" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,284.71	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0102	EA	80" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,960.67	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0103	EA	84" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,515.93	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0104	EA	88" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,600.42	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0105		96" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*		
08 38 19 00-0106	EA	48" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	5,369.33	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0107	EA	56" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,262.56	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0108	EA	60" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,467.76	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0109	EA	64" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,564.33	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0110	EA	72" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,598.55	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0111	EA	80" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,093.45	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0112	EA	84" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,636.64	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0113	EA	88" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,733.20	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0114		1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Eliason SCP-2) *(08 38 19)*		
		Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.		
08 38 19 00-0115		Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*		
08 38 19 00-0116		84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0117	EA	24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,728.46	55.29
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0118	EA	28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,987.32	55.29
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0119	EA	30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,060.72	57.80
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0120	EA	32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,124.21	57.80
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0121	EA	36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,236.71	60.32
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0122	EA	40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,358.81	60.32
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0123	EA	42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,471.56	67.86
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0124	EA	44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,554.59	67.86
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0125		96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*		
08 38 19 00-0126	EA	24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,948.25	55.29
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0127	EA	28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,221.76	55.29
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0128	EA	30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,300.04	57.80
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0129	EA	32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,334.23	57.80
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0130	EA	36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,436.96	60.32
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0131	EA	40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,598.14	60.32
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0132	EA	42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,691.34	67.86
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0133	EA	44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,774.37	67.86
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0134		Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*		
08 38 19 00-0135		84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*		
08 38 19 00-0136	EA	48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,426.75	95.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0137	EA	56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,944.46	95.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0138	EA	60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,081.22	95.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0139	EA	64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,208.20	95.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0140	EA	72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,433.18	100.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0141	EA	80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,677.39	100.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0142	EA	84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,872.75	100.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0143	EA	88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	7,038.81	100.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0144		96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*		
08 38 19 00-0145	EA	48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	5,866.32	95.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0146	EA	56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,413.34	95.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0147	EA	60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,559.86	95.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0148	EA	64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,628.24	95.50
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0149	EA	72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,833.68	100.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0150	EA	80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	7,156.03	100.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0151	EA	84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	7,312.32	100.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0152	EA	88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	7,478.38	100.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0153		1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliason HCP-10) *(08 38 19)*		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.		
08 38 19 00-0154		Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*		
08 38 19 00-0155		84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*		
08 38 19 00-0156	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,679.62	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0157	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,821.26	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0158	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,953.27	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0159	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,036.30	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0160	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,246.48	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0161	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,412.54	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0162	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,559.47	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0163	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,715.76	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0164		90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*		
08 38 19 00-0165	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,777.30	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0166	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,948.25	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0167	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,036.30	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0168	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,153.52	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0169	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,378.35	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0170	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,578.60	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0171	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,715.76	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0172	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,862.29	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0173		96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*		
08 38 19 00-0174	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,026.39	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0175	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,060.58	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0176	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,207.24	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0177	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,314.69	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0178	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,544.41	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0179	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,783.73	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0180	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,911.13	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0181	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,057.65	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0182		Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*		
08 38 19 00-0183		84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*		
08 38 19 00-0184	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,329.06	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0185	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,612.34	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0186	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,866.32	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0187	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	6,032.38	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0188	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	6,452.72	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0189	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	6,784.84	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0190	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,048.58	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0191	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,361.17	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0192		90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*		
08 38 19 00-0193	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,524.43	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0194	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	5,866.32	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0195	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	6,032.38	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0196	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	6,266.81	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0197	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	6,716.46	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0198	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,116.96	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0199	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,361.17	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0200	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,654.21	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0201		96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*		
08 38 19 00-0202	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	6,022.61	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0203	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	6,090.98	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0204	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	6,374.26	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0205	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	6,589.16	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0206	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,048.58	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0207	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,527.22	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0208	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,751.89	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0209	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,044.94	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0210		1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10) *(08 38 19)*		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing.		
08 38 19 00-0211		Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*		
08 38 19 00-0212		84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0213	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,679.62	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0214	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,821.26	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0215	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,953.27	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0216	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,036.30	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0217	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,246.48	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0218	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,412.54	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0219	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,559.47	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0220	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,715.76	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0221		90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0222	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,777.30	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0223	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,948.25	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0224	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,036.30	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0225	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,153.52	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0226	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,378.35	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0227	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,578.60	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0228	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,715.76	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0229	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,862.29	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0230		96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0231	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,026.39	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0232	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,060.58	55.29
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0233	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,207.24	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0234	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,314.69	57.80
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0235	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,544.41	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0236	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,783.73	60.32
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0237	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,911.13	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0238	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,057.65	67.86
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0239		Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*		
08 38 19 00-0240		84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0241	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,329.06	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0242	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,612.34	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0243	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,866.32	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0244	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,032.38	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0245	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,452.72	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0246	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,784.84	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0247	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,048.58	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0248	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,361.17	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0249		90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*		
08 38 19 00-0250	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,524.43	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0251	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,866.32	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0252	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,032.38	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0253	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,266.81	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0254	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,716.46	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0255	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,116.96	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0256	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,361.17	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0257	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,654.21	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0258		96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*		
08 38 19 00-0259	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,022.61	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0260	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,090.98	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0261	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,374.26	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0262	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,589.16	95.50
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0263	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,048.58	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0264	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,527.22	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0265	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,751.89	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0266	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,044.94	100.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0267		Rigid Impact Traffic Door Accessories *(08 38 19)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0268		Bumper Strips For Impact Traffic Doors *(08 38 19 00-0267)* Note: Includes two bumpers per set.		
08 38 19 00-0269	SET	24" Wide, Bumper Strips For Impact Traffic Doors	220.92	40.21
08 38 19 00-0270	SET	30" Wide, Bumper Strips For Impact Traffic Doors	245.34	40.21
08 38 19 00-0271	SET	36" Wide, Bumper Strips For Impact Traffic Doors	264.88	40.21
08 38 19 00-0272	SET	48" Wide, Bumper Strips For Impact Traffic Doors	299.07	40.21
08 38 19 00-0273		Easy Spring Bumpers For Impact Traffic Doors *(08 38 19 00-0267)* Note: Includes two bumpers per set.		
08 38 19 00-0274	SET	18" Height, Easy Spring Bumpers For Impact Traffic Doors	616.53	40.21
08 38 19 00-0275	SET	24" Height, Easy Spring Bumpers For Impact Traffic Doors	821.67	40.21
08 38 19 00-0276	SET	36" Height, Easy Spring Bumpers For Impact Traffic Doors	1,217.28	40.21
08 38 19 00-0277	SET	42" Height, Easy Spring Bumpers For Impact Traffic Doors	1,407.76	40.21
08 38 19 00-0278	SET	48" Height, Easy Spring Bumpers For Impact Traffic Doors	1,603.13	40.21
08 38 19 00-0279		Scuff Plates For Impact Traffic Doors *(08 38 19 00-0267)* Note: Includes two 0.090" thermoplastic plates per set.		
08 38 19 00-0280		12" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0281	SET	24" Wide x 12" High, Impact Traffic Door Scuff Plates	264.88	40.21
08 38 19 00-0282	SET	30" Wide x 12" High, Impact Traffic Door Scuff Plates	284.42	40.21
08 38 19 00-0283	SET	36" Wide x 12" High, Impact Traffic Door Scuff Plates	308.84	40.21
08 38 19 00-0284	SET	42" Wide x 12" High, Impact Traffic Door Scuff Plates	343.02	40.21
08 38 19 00-0285	SET	48" Wide x 12" High, Impact Traffic Door Scuff Plates	362.56	40.21
08 38 19 00-0286		24" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0287	SET	24" Wide x 24" High, Impact Traffic Door Scuff Plates	362.56	40.21
08 38 19 00-0288	SET	30" Wide x 24" High, Impact Traffic Door Scuff Plates	450.48	40.21
08 38 19 00-0289	SET	36" Wide x 24" High, Impact Traffic Door Scuff Plates	499.32	40.21
08 38 19 00-0290	SET	42" Wide x 24" High, Impact Traffic Door Scuff Plates	567.69	40.21
08 38 19 00-0291	SET	48" Wide x 24" High, Impact Traffic Door Scuff Plates	611.65	40.21
08 38 19 00-0292		30" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0293	SET	24" Wide x 30" High, Impact Traffic Door Scuff Plates	450.48	40.21
08 38 19 00-0294	SET	30" Wide x 30" High, Impact Traffic Door Scuff Plates	528.62	40.21
08 38 19 00-0295	SET	36" Wide x 30" High, Impact Traffic Door Scuff Plates	587.23	40.21
08 38 19 00-0296	SET	42" Wide x 30" High, Impact Traffic Door Scuff Plates	694.68	40.21
08 38 19 00-0297	SET	48" Wide x 30" High, Impact Traffic Door Scuff Plates	767.94	40.21
08 38 19 00-0298		36" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0299	SET	24" Wide x 36" High, Impact Traffic Door Scuff Plates	499.32	40.21
08 38 19 00-0300	SET	30" Wide x 36" High, Impact Traffic Door Scuff Plates	587.23	40.21
08 38 19 00-0301	SET	36" Wide x 36" High, Impact Traffic Door Scuff Plates	684.91	40.21
08 38 19 00-0302	SET	42" Wide x 36" High, Impact Traffic Door Scuff Plates	738.64	40.21
08 38 19 00-0303	SET	48" Wide x 36" High, Impact Traffic Door Scuff Plates	821.67	40.21
08 38 19 00-0304		48" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0305	SET	24" Wide x 48" High, Impact Traffic Door Scuff Plates	611.65	40.21
08 38 19 00-0306	SET	30" Wide x 48" High, Impact Traffic Door Scuff Plates	767.94	40.21
08 38 19 00-0307	SET	36" Wide x 48" High, Impact Traffic Door Scuff Plates	821.67	40.21
08 38 19 00-0308	SET	42" Wide x 48" High, Impact Traffic Door Scuff Plates	924.23	40.21
08 38 19 00-0309	SET	48" Wide x 48" High, Impact Traffic Door Scuff Plates	1,036.57	40.21
08 38 19 00-0310		Base Plates For Impact Traffic Doors *(08 38 19 00-0267)* Note: Includes two base plates per set.		
08 38 19 00-0311		Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0312		12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0313	SET	24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	255.11	40.21
08 38 19 00-0314	SET	30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	274.65	40.21
08 38 19 00-0315	SET	36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	284.42	40.21
08 38 19 00-0316	SET	42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	328.37	40.21
08 38 19 00-0317	SET	48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	347.91	40.21
08 38 19 00-0318		24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0319	SET	24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	328.37	40.21
08 38 19 00-0320	SET	30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	357.68	40.21
08 38 19 00-0321	SET	36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	386.98	40.21
08 38 19 00-0322	SET	42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	411.40	40.21
08 38 19 00-0323	SET	48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	450.48	40.21

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0324		30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*			
08 38 19 00-0325	SET	24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors		377.21	40.21
08 38 19 00-0326	SET	30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors		401.63	40.21
08 38 19 00-0327	SET	36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors		460.24	40.21
08 38 19 00-0328	SET	42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors		523.74	40.21
08 38 19 00-0329	SET	48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors		553.04	40.21
08 38 19 00-0330		36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*			
08 38 19 00-0331	SET	24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors		401.63	40.21
08 38 19 00-0332	SET	30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors		450.48	40.21
08 38 19 00-0333	SET	36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors		523.74	40.21
08 38 19 00-0334	SET	42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors		582.35	40.21
08 38 19 00-0335	SET	48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors		616.53	40.21
08 38 19 00-0336		48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*			
08 38 19 00-0337	SET	24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors		513.97	40.21
08 38 19 00-0338	SET	30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors		582.35	40.21
08 38 19 00-0339	SET	36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors		675.14	40.21
08 38 19 00-0340	SET	42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors		719.10	40.21
08 38 19 00-0341	SET	48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors		777.71	40.21
08 38 19 00-0342		Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*			
08 38 19 00-0343		12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*			
08 38 19 00-0344	SET	24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		343.02	40.21
08 38 19 00-0345	SET	30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		362.56	40.21
08 38 19 00-0346	SET	36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		421.17	40.21
08 38 19 00-0347	SET	42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		450.48	40.21
08 38 19 00-0348	SET	48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		533.51	40.21
08 38 19 00-0349		24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*			
08 38 19 00-0350	SET	24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		479.78	40.21
08 38 19 00-0351	SET	30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		567.69	40.21
08 38 19 00-0352	SET	36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		655.61	40.21
08 38 19 00-0353	SET	42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		763.06	40.21
08 38 19 00-0354	SET	48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		860.74	40.21
08 38 19 00-0355		30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*			
08 38 19 00-0356	SET	24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		548.16	40.21
08 38 19 00-0357	SET	30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		665.38	40.21
08 38 19 00-0358	SET	36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		772.83	40.21
08 38 19 00-0359	SET	42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		885.16	40.21
08 38 19 00-0360	SET	48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		1,017.03	40.21
08 38 19 00-0361		36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*			
08 38 19 00-0362	SET	24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		636.07	40.21
08 38 19 00-0363	SET	30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		763.06	40.21
08 38 19 00-0364	SET	36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		909.58	40.21
08 38 19 00-0365	SET	42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		1,051.22	40.21
08 38 19 00-0366	SET	48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		1,173.32	40.21
08 38 19 00-0367		48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*			
08 38 19 00-0368	SET	24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		792.36	40.21
08 38 19 00-0369	SET	30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		1,095.18	40.21
08 38 19 00-0370	SET	36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		1,173.32	40.21
08 38 19 00-0371	SET	42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		1,407.76	40.21
08 38 19 00-0372	SET	48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		1,544.52	40.21
08 38 19 00-0373		One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*			
08 38 19 00-0374		12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*			
08 38 19 00-0375	SET	24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		303.95	40.21
08 38 19 00-0376	SET	30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		328.37	40.21
08 38 19 00-0377	SET	36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors		357.68	40.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0378	SET	42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	391.87	40.21
08 38 19 00-0379	SET	48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	445.59	40.21
08 38 19 00-0380		24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0381	SET	24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	411.40	40.21
08 38 19 00-0382	SET	30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	470.01	40.21
08 38 19 00-0383	SET	36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	528.62	40.21
08 38 19 00-0384	SET	42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	592.11	40.21
08 38 19 00-0385	SET	48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	665.38	40.21
08 38 19 00-0386		30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0387	SET	24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	470.01	40.21
08 38 19 00-0388	SET	30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	543.27	40.21
08 38 19 00-0389	SET	36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	626.30	40.21
08 38 19 00-0390	SET	42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	728.87	40.21
08 38 19 00-0391	SET	48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	797.25	40.21
08 38 19 00-0392		36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0393	SET	24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	528.62	40.21
08 38 19 00-0394	SET	30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	626.30	40.21
08 38 19 00-0395	SET	36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	728.87	40.21
08 38 19 00-0396	SET	42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	831.44	40.21
08 38 19 00-0397	SET	48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	904.70	40.21
08 38 19 00-0398		48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0399	SET	24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	665.38	40.21
08 38 19 00-0400	SET	30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	816.78	40.21
08 38 19 00-0401	SET	36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	904.70	40.21
08 38 19 00-0402	SET	42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,080.53	40.21
08 38 19 00-0403	SET	48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,129.37	40.21
08 38 19 00-0404		Jamb Guards For Impact Traffic Doors *(08 38 19 00-0267)*		
08 38 19 00-0405	EA	3" x 9", Jamb Guard For Impact Traffic Doors	416.57	50.26
08 38 19 00-0406	EA	5" x 18", Jamb Guard For Impact Traffic Doors	563.09	50.26
08 38 19 00-0407	EA	5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors	1,100.34	50.26
08 38 19 00-0408		Other Impact Traffic Door Accessories *(08 38 19 00-0267)*		
08 38 19 00-0409	EA	Push Plate For Impact Traffic Doors	103.28	25.13
08 38 19 00-0410	EA	Pull Handle For Impact Traffic Doors	137.46	25.13
08 38 19 00-0411	EA	Deadbolt Lock For Impact Traffic Doors	347.48	25.13
08 38 19 00-0412	PR	Lock Hole Reinforcements For Impact Traffic Doors	435.40	25.13
08 38 19 00-0413	PR	Padlock Brackets For Impact Traffic Doors	171.65	25.13
08 38 19 00-0414		Impact Traffic Door Knock Down Frames *(08 38 19)*		
		Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.		
08 38 19 00-0415		Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0414)*		
08 38 19 00-0416		84" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0417	EA	24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,023.14	75.40
08 38 19 00-0418	EA	28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,204.39	82.93
08 38 19 00-0419	EA	30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,231.03	87.96
08 38 19 00-0420	EA	32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,260.63	95.50
08 38 19 00-0421	EA	36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,289.39	100.53
08 38 19 00-0422	EA	40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,344.22	105.56
08 38 19 00-0423	EA	42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,384.27	110.59
08 38 19 00-0424	EA	44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,410.73	115.61
08 38 19 00-0425		90" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0426	EA	24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,044.92	75.40
08 38 19 00-0427	EA	28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,230.32	82.93
08 38 19 00-0428	EA	30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,257.42	87.96
08 38 19 00-0429	EA	32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,287.37	95.50
08 38 19 00-0430	EA	36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,316.59	100.53
08 38 19 00-0431	EA	40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,372.55	105.56
08 38 19 00-0432	EA	42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,413.33	110.59
08 38 19 00-0433	EA	44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,440.23	115.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0434		96" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0435	EA	24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,073.89	75.40
08 38 19 00-0436	EA	28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,264.80	82.93
08 38 19 00-0437	EA	30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,292.44	87.96
08 38 19 00-0438	EA	32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,314.31	95.50
08 38 19 00-0439	EA	36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,352.73	100.53
08 38 19 00-0440	EA	40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,400.88	105.56
08 38 19 00-0441	EA	42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,451.97	110.59
08 38 19 00-0442	EA	44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,481.55	113.09
08 38 19 00-0443		Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0414)*		
08 38 19 00-0444		84" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0445	EA	48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,435.89	115.61
08 38 19 00-0446	EA	56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,458.80	117.62
08 38 19 00-0447	EA	60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,487.46	120.63
08 38 19 00-0448	EA	64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,525.59	125.66
08 38 19 00-0449	EA	72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,549.08	130.69
08 38 19 00-0450	EA	80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,601.88	131.70
08 38 19 00-0451	EA	84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,637.21	133.21
08 38 19 00-0452	EA	88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,679.68	135.72
08 38 19 00-0453		90" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0454	EA	48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,465.97	115.61
08 38 19 00-0455	EA	56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,489.32	117.62
08 38 19 00-0456	EA	60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,518.62	120.63
08 38 19 00-0457	EA	64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,557.44	125.66
08 38 19 00-0458	EA	72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,581.31	130.69
08 38 19 00-0459	EA	80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,635.34	131.70
08 38 19 00-0460	EA	84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,671.47	133.21
08 38 19 00-0461	EA	88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,714.89	135.72
08 38 19 00-0462		96" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0463	EA	48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,501.09	115.61
08 38 19 00-0464	EA	56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,519.80	117.62
08 38 19 00-0465	EA	60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,559.99	120.63
08 38 19 00-0466	EA	64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,589.28	125.66
08 38 19 00-0467	EA	72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,624.05	130.69
08 38 19 00-0468	EA	80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,684.67	131.70
08 38 19 00-0469	EA	84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,716.99	133.21
08 38 19 00-0470	EA	88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,753.41	135.72

08 40 Entrances, Storefronts, and Curtain Walls *(08)*

08 42 Entrances *(08 40)*

08 42 13 Aluminum-Framed Entrances *(08 42)*

08 42 13 00-0001 Aluminum Framed Entrance Doors *(08 42 13)*

Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. See CSI section 08 71 11 00-2105 for exit device, 08 71 11 00-2256 for closer.

08 42 13 00-0002	EA	3' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	6,049.67	697.32
		For Bronze Finish, Add	*555.47*	
		For Black Finish, Add	*1,595.34*	
		For 8' High Door, Add	*575.48*	
		For 10' High Door, Add	*1,251.05*	
		For 1" Insulated Glazing, Add	*142.56*	
08 42 13 00-0003	EA	3'-6" x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	6,186.63	766.32
		For Bronze Finish, Add	*559.06*	
		For Black Finish, Add	*1,605.67*	
		For 8' High Door, Add	*579.21*	
		For 10' High Door, Add	*1,259.16*	
		For 1" Insulated Glazing, Add	*142.56*	
08 42 13 00-0004	PR	6' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	10,235.76	1,045.78
		For Bronze Finish, Add	*962.45*	
		For Black Finish, Add	*2,764.22*	
		For 8' High Door, Add	*997.13*	
		For 10' High Door, Add	*2,167.68*	
		For 1" Insulated Glazing, Add	*285.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 13 00-0005	PR	7' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	11,980.65	1,139.56
		Note: Including Glazing, Trim And Hardware		
		For Bronze Finish, Add	*1,139.54*	
		For Black Finish, Add	*3,272.83*	
		For 8' High Door, Add	*1,180.60*	
		For 10' High Door, Add	*2,566.52*	
		For 1" Insulated Glazing, Add	*285.11*	
08 42 13 00-0006	EA	3' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	6,730.62	697.32
		Note: Including Glazing, Trim And Hardware		
		For Bronze Finish, Add	*631.05*	
		For Black Finish, Add	*1,812.43*	
		For 8' High Door, Add	*653.79*	
		For 10' High Door, Add	*1,421.29*	
		For 1" Insulated Glazing, Add	*142.56*	
08 42 13 00-0007	EA	3'-6" x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	6,909.75	766.32
		Note: Including Glazing, Trim And Hardware		
		For Bronze Finish, Add	*639.33*	
		For Black Finish, Add	*1,836.21*	
		For 8' High Door, Add	*662.37*	
		For 10' High Door, Add	*1,439.94*	
		For 1" Insulated Glazing, Add	*142.56*	
08 42 13 00-0008	PR	6' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	11,523.09	1,045.78
		Note: Including Glazing, Trim And Hardware		
		For Bronze Finish, Add	*1,105.34*	
		For Black Finish, Add	*3,174.62*	
		For 8' High Door, Add	*1,145.17*	
		For 10' High Door, Add	*2,489.51*	
		For 1" Insulated Glazing, Add	*285.11*	
08 42 13 00-0009	PR	7' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	13,230.41	1,139.56
		Note: Including Glazing, Trim And Hardware		
		For Bronze Finish, Add	*1,278.26*	
		For Black Finish, Add	*3,671.25*	
		For 8' High Door, Add	*1,324.32*	
		For 10' High Door, Add	*2,878.96*	
		For 1" Insulated Glazing, Add	*285.11*	

08 42 26 All-Glass Entrances *(08 42)*

08 42 26 00-0001 Full Glass Entrance Doors *(08 42 26)*

Note: Includes trim, necessary anchors, tempered glass, and standard hardware (hinges, handle, push plate, lock, closer). Excludes panic devices.

08 42 26 00-0002	EA	3' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door	4,670.83	261.37
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*652.56*	
		For Stainless Steel, Add	*2,356.48*	
		For 8' High Door, Add	*416.92*	
		For 10' High Door, Add	*906.34*	
		For 1" Insulated Glazing, Add	*142.56*	
08 42 26 00-0003	PR	6' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1/2")	8,338.65	313.64
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*1,232.12*	
		For Stainless Steel, Add	*4,449.33*	
		For 8' High Door, Add	*787.19*	
		For 10' High Door, Add	*1,711.28*	
		For 1" Insulated Glazing, Add	*285.11*	
08 42 26 00-0004	EA	3' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door	5,323.95	261.37
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*770.13*	
		For Stainless Steel, Add	*2,781.01*	
		For 8' High Door, Add	*492.03*	
		For 10' High Door, Add	*1,069.62*	
		For 1" Insulated Glazing, Add	*142.56*	
08 42 26 00-0005	PR	6' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 5/8")	9,744.88	313.64
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*1,485.24*	
		For Stainless Steel, Add	*5,363.38*	
		For 8' High Door, Add	*948.91*	
		For 10' High Door, Add	*2,062.84*	
		For 1" Insulated Glazing, Add	*285.11*	
08 42 26 00-0006	EA	3' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door	5,974.52	261.37
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*887.23*	
		For Stainless Steel, Add	*3,203.88*	
		For 8' High Door, Add	*566.84*	
		For 10' High Door, Add	*1,232.26*	
		For 1" Insulated Glazing, Add	*142.56*	
08 42 26 00-0007	PR	6' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 3/4")	11,148.81	313.64
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*1,737.95*	
		For Stainless Steel, Add	*6,275.94*	
		For 8' High Door, Add	*1,110.36*	
		For 10' High Door, Add	*2,413.82*	
		For 1" Insulated Glazing, Add	*285.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 26 00-0008	EA	3' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door	7,278.19	261.37
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*1,121.89*	
		For Stainless Steel, Add	*4,051.27*	
		For 8' High Door, Add	*716.76*	
		For 10' High Door, Add	*1,558.18*	
		For 1" Insulated Glazing, Add	*142.56*	
08 42 26 00-0009	PR	6' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1")	13,958.96	313.64
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*2,243.78*	
		For Stainless Steel, Add	*8,102.54*	
		For 8' High Door, Add	*1,433.53*	
		For 10' High Door, Add	*3,116.36*	
		For 1" Insulated Glazing, Add	*285.11*	
08 42 26 00-0010		Frames For Full Glass Doors *(08 42 26)*		
08 42 26 00-0011	LF	Glass Entrance Door, Light Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	25.12	3.13
08 42 26 00-0012	LF	Glass Entrance Door, Heavy Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	32.57	4.18
08 42 29		**Automatic Entrances** *(08 42)*		
08 42 29 23		**Sliding Automatic Entrances** *(08 42 29)*		
		Note: Power-operated automatic sliding doors may be used as emergency egress doors as they can break-out in the direction of egress. Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 42 29 23-0001		Bronze Finished Framed Sliding Automatic Entrances *(08 42 29 23)*		
08 42 29 23-0002		2 Panel, Bronze Finished Framed Sliding Automatic Entrance *(08 42 29 23-0001)*		
		Note: Single sliding.		
08 42 29 23-0003	EA	5'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	2,578.26	104.54
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*177.69*	
		For Emergency Egress On All Panels, Add	*473.83*	
08 42 29 23-0004	EA	6'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	2,863.47	141.14
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*193.59*	
		For Emergency Egress On All Panels, Add	*516.24*	
08 42 29 23-0005	EA	7'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	3,114.72	156.82
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*210.08*	
		For Emergency Egress On All Panels, Add	*560.22*	
08 42 29 23-0006	EA	8'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	3,358.89	172.51
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*226.04*	
		For Emergency Egress On All Panels, Add	*602.78*	
08 42 29 23-0007	EA	10'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	4,414.57	209.10
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*299.73*	
		For Emergency Egress On All Panels, Add	*799.28*	
08 42 29 23-0008	EA	12'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	4,582.09	245.69
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*306.80*	
		For Emergency Egress On All Panels, Add	*818.14*	
08 42 29 23-0009	EA	15'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	6,128.71	282.28
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*417.31*	
		For Emergency Egress On All Panels, Add	*1,112.83*	
08 42 29 23-0010		4 Panel, Bronze Finished Framed Sliding Automatic Entrance *(08 42 29 23-0001)*		
		Note: Bi-parting.		
08 42 29 23-0011	EA	12'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	5,159.27	261.37
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*347.74*	
		For Emergency Egress On All Panels, Add	*927.31*	
08 42 29 23-0012	EA	14'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	5,656.81	287.50
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*381.14*	
		For Emergency Egress On All Panels, Add	*1,016.36*	
08 42 29 23-0013	EA	16'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	6,154.36	313.64
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*414.53*	
		For Emergency Egress On All Panels, Add	*1,105.42*	
08 42 29 23-0014	EA	18'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	7,444.05	339.77
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*507.34*	
		For Emergency Egress On All Panels, Add	*1,352.90*	
08 42 29 23-0015	EA	20'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	8,733.74	365.81
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*600.14*	
		For Emergency Egress On All Panels, Add	*1,600.38*	
08 42 29 23-0016		Aluminum Finished Framed Sliding Automatic Entrances *(08 42 29 23)*		
08 42 29 23-0017		2 Panel, Aluminum Finished Framed Sliding Automatic Entrance *(08 42 29 23-0016)*		
		Note: Single sliding.		
08 42 29 23-0018	EA	5'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,355.06	104.54
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*160.95*	
		For Emergency Egress On All Panels, Add	*429.19*	
08 42 29 23-0019	EA	6'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,620.31	141.14
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*175.35*	
		For Emergency Egress On All Panels, Add	*467.61*	
08 42 29 23-0020	EA	7'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,846.74	156.82
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*189.98*	
		For Emergency Egress On All Panels, Add	*506.62*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 23-0021	EA	8'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,074.95	172.51
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*204.75*	
		For Emergency Egress On All Panels, Add	*545.99*	
08 42 29 23-0022	EA	10'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,038.10	209.10
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*271.49*	
		For Emergency Egress On All Panels, Add	*723.98*	
08 42 29 23-0023	EA	12'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,196.71	245.69
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*277.90*	
		For Emergency Egress On All Panels, Add	*741.07*	
08 42 29 23-0024	EA	15'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	5,604.57	282.28
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*378.00*	
		For Emergency Egress On All Panels, Add	*1,008.00*	
08 42 29 23-0025		4 Panel, Aluminum Finished Framed Sliding Automatic Entrance *(08 42 29 23-0016)*		
		Note: Bi-parting.		
08 42 29 23-0026	EA	12'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,722.49	261.37
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*314.98*	
		For Emergency Egress On All Panels, Add	*839.95*	
08 42 29 23-0027	EA	14'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	5,178.07	287.50
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*345.23*	
		For Emergency Egress On All Panels, Add	*920.61*	
08 42 29 23-0028	EA	16'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	5,633.65	313.64
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*375.48*	
		For Emergency Egress On All Panels, Add	*1,001.27*	
08 42 29 23-0029	EA	18'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	6,806.79	339.77
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*459.54*	
		For Emergency Egress On All Panels, Add	*1,225.45*	
08 42 29 23-0030	EA	20'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	7,979.94	365.81
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*543.61*	
		For Emergency Egress On All Panels, Add	*1,449.62*	
08 42 29 23-0031		Stainless Steel Framed Sliding Automatic Entrances *(08 42 29 23)*		
08 42 29 23-0032		2 Panel, Stainless Steel Framed Sliding Automatic Entrance *(08 42 29 23-0031)*		
		Note: Single sliding.		
08 42 29 23-0033	EA	5'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	2,955.50	104.54
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*205.98*	
		For Emergency Egress On All Panels, Add	*549.28*	
08 42 29 23-0034	EA	6'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,274.49	141.14
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*224.42*	
		For Emergency Egress On All Panels, Add	*598.44*	
08 42 29 23-0035	EA	7'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,807.43	156.82
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*262.03*	
		For Emergency Egress On All Panels, Add	*698.76*	
08 42 29 23-0036	EA	8'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	4,370.81	172.51
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*301.94*	
		For Emergency Egress On All Panels, Add	*805.16*	
08 42 29 23-0037	EA	10'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	5,050.95	209.10
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*347.46*	
		For Emergency Egress On All Panels, Add	*926.55*	
08 42 29 23-0038	EA	12'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	5,233.46	245.69
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*355.66*	
		For Emergency Egress On All Panels, Add	*948.42*	
08 42 29 23-0039	EA	15'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	7,014.77	282.28
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*483.77*	
		For Emergency Egress On All Panels, Add	*1,290.04*	
08 42 29 23-0040		4 Panel, Stainless Steel Framed Sliding Automatic Entrance *(08 42 29 23-0031)*		
		Note: Bi-parting.		
08 42 29 23-0041	EA	12'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	5,897.58	261.37
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*403.11*	
		For Emergency Egress On All Panels, Add	*1,074.97*	
08 42 29 23-0042	EA	14'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	6,466.00	287.50
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*441.83*	
		For Emergency Egress On All Panels, Add	*1,178.20*	
08 42 29 23-0043	EA	16'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	7,034.43	313.64
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*480.54*	
		For Emergency Egress On All Panels, Add	*1,281.43*	
08 42 29 23-0044	EA	18'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	8,521.19	339.77
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*588.12*	
		For Emergency Egress On All Panels, Add	*1,568.33*	
08 42 29 23-0045	EA	20'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	10,007.96	365.91
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*695.71*	
		For Emergency Egress On All Panels, Add	*1,855.23*	
08 42 29 23-0046		Accessories For Sliding Automatic Entrances *(08 42 29 23)*		
		See CSI section 08 42 29 33-0006 for eye operators.		
08 42 29 23-0047	EA	Automatic 2 Panel Sliding Door Motor, Activation Eye Or Push Button Controls	6,133.79	1,005.31
		Note: Includes motor for pair of sliding doors (2 panels).		
08 42 29 23-0048	EA	Automatic 4 Panel Sliding Door Motor, Activation Eye Or Push Button Controls	10,331.22	1,507.97
		Note: Includes motor for pair of sliding doors (4 panel).		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 42 29 33 Swinging Automatic Entrances *(08 42 29)*

Note: Excludes glazing.

08 42 29 33-0001 Swing Door Operators, Up To 350 LB Panel Weight *(08 42 29 33)*

Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.

08 42 29 33-0002	EA	Concealed Single Door Swing Door Operator, Up To 350 LB Panel	4,308.88	604.77
		Note: For new storefront or existing concealed operator installations.		
08 42 29 33-0003	EA	Concealed Pair Of Doors Swing Door Operator, Up To 350 LB Panel	7,408.93	806.40
		Note: For new storefront or existing concealed operator installations.		
08 42 29 33-0004	EA	Exposed Single Door Swing Door Operator, Up To 350 LB Panel	3,582.85	483.81
08 42 29 33-0005	EA	Exposed Pair Of Doors Swing Door Operator, Up To 350 LB Panel	6,439.34	725.72

08 42 29 33-0006 Activation Devices For Door Operators *(08 42 29 33)*

08 42 29 33-0007	EA	Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97)	476.85	48.38
		Note: Includes wiring harness and relays.		
08 42 29 33-0008	EA	On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS)	422.97	48.38
		Note: Includes wiring harness and relays.		
08 42 29 33-0009	EA	Microwave Motion Sensor For Door Operator (MS Sedco D38)	427.27	48.38
		Note: Includes wiring harness and relays.		
08 42 29 33-0010	EA	4" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59-H)	197.52	48.38
		Note: Excludes wiring from operator to push plate.		
08 42 29 33-0011	EA	1-1/2" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59J-H)	212.16	48.38
		Note: Excludes wiring from operator to push button.		
08 42 29 33-0012	EA	1-11/16" x 4-1/2", Jamb Mounted Push Button For Door Operator (MS Sedco 425)	144.09	48.38
		Note: Excludes wiring from operator to push button.		
08 42 29 33-0013	EA	Radio Control System For Door Operator (MS Sedco Clearpath)	724.76	120.96
		Note: Includes receiver and two push plate transmitters.		
		For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct	*-64.00*	
08 42 29 33-0014	EA	Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision)	1,031.15	60.47
		Note: Includes wiring harness and relays.		
08 42 29 33-0015	EA	Guard Rail For Door With Operator	253.79	60.47

08 42 33 Revolving Door Entrances *(08 42)*

08 42 33 00-0001 Aluminum Revolving Doors *(08 42 33)*

Note: Includes 3/4" tempered glass.

08 42 33 00-0002	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	35,631.54	5,754.47
		For Automatic Controls, Add	*8,014.99*	
		For Powder Coated, Add	*1,380.94*	
08 42 33 00-0003	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	48,276.52	8,631.83
		For Automatic Controls, Add	*9,597.49*	
		For Powder Coated, Add	*1,735.31*	
08 42 33 00-0004	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	73,106.99	10,358.15
		For Automatic Controls, Add	*10,546.99*	
		For Powder Coated, Add	*3,068.75*	
08 42 33 00-0005	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	39,646.62	6,329.87
		For Automatic Controls, Add	*8,337.95*	
		For Powder Coated, Add	*1,546.50*	
08 42 33 00-0006	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	53,439.00	9,495.31
		For Automatic Controls, Add	*10,029.08*	
		For Powder Coated, Add	*1,943.35*	
08 42 33 00-0007	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	81,644.44	11,393.97
		For Automatic Controls, Add	*11,179.98*	
		For Powder Coated, Add	*3,436.67*	

08 42 33 00-0008 Stainless Steel Revolving Doors *(08 42 33)*

Note: Includes 3/4" tempered glass.

08 42 33 00-0009	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	36,546.95	5,754.47
		For Automatic Controls, Add	*8,014.99*	
08 42 33 00-0010	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	49,426.84	8,631.83
		For Automatic Controls, Add	*9,597.49*	
08 42 33 00-0011	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	75,141.24	10,358.15
		For Automatic Controls, Add	*10,546.99*	
08 42 33 00-0012	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	40,674.22	6,329.87
		For Automatic Controls, Add	*8,337.95*	
08 42 33 00-0013	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	54,730.29	9,495.31
		For Automatic Controls, Add	*10,029.08*	
08 42 33 00-0014	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	83,928.00	11,393.97
		For Automatic Controls, Add	*11,179.98*	

08 42 33 00-0015 Bronze Revolving Doors *(08 42 33)*

Note: Includes 3/4" tempered glass.

08 42 33 00-0016	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	33,318.64	5,754.47
		For Automatic Controls, Add	*8,014.99*	
08 42 33 00-0017	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	45,370.10	8,631.83
		For Automatic Controls, Add	*9,597.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 33 00-0018	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	67,967.20	10,358.15
		For Automatic Controls, Add	*10,546.99*	
08 42 33 00-0019	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	37,058.51	6,329.87
		For Automatic Controls, Add	*8,337.95*	
08 42 33 00-0020	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	50,186.74	9,495.31
		For Automatic Controls, Add	*10,029.08*	
08 42 33 00-0021	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	75,893.08	11,393.97
		For Automatic Controls, Add	*11,179.98*	

08 42 36 Balanced Door Entrances *(08 42)*

08 42 36 00-0001 Balanced Doors, With Glass *(08 42 36)*

Note: Includes 3/4" tempered glass, check and door guide, top pivot with bearing, torsion bar closer spring, bottom arm, semi-automatic hold open device, floor box, door roller guide, bottom pivot, top arm.

08 42 36 00-0002	EA	2'-6" x 7'-0" Balanced Door, Stainless Steel	21,614.90	304.97
		For Bronze Instead Of Stainless Steel, Deduct	*-5,213.06*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2,085.22*	
		For Tinted Glass, Add	*1,042.61*	
		For Aluminum, Painted Finish, Deduct	*-6,255.67*	
08 42 36 00-0003	EA	3'-0" x 7'-0" Balanced Door, Stainless Steel	22,461.71	304.97
		For Bronze Instead Of Stainless Steel, Deduct	*-5,424.76*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2,169.90*	
		For Tinted Glass, Add	*1,084.95*	
		For Aluminum, Painted Finish, Deduct	*-6,509.71*	
08 42 36 00-0004	EA	3'-6" x 7'-0" Balanced Door, Stainless Steel	24,518.39	304.97
		For Bronze Instead Of Stainless Steel, Deduct	*-5,938.93*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2,375.57*	
		For Tinted Glass, Add	*1,187.79*	
		For Aluminum, Painted Finish, Deduct	*-7,126.72*	
08 42 36 00-0005	EA	4'-0" x 7'-0" Balanced Door, Stainless Steel	26,938.07	304.97
		For Bronze Instead Of Stainless Steel, Deduct	*-6,543.85*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2,617.54*	
		For Tinted Glass, Add	*1,308.77*	
		For Aluminum, Painted Finish, Deduct	*-7,852.62*	
08 42 36 00-0006	PR	Pair 3'-0" x 7'-0" Balanced Door, Stainless Steel	44,847.21	579.63
		For Bronze Instead Of Stainless Steel, Deduct	*-10,849.53*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*4,339.81*	
		For Tinted Glass, Add	*2,169.91*	
		For Aluminum, Painted Finish, Deduct	*-13,019.44*	

08 43 Storefronts *(08 40)*

08 43 13 Aluminum-Framed Storefronts *(08 43)*

08 43 13 00-0001 Aluminum Storefront Framing Assembly *(08 43 13)*

Note: Includes frames, fasteners and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. See CSI section 08 43 13 00-0083 for reinforcing steel (where required), 08 81 23 23-0012 for tempered glazing, 08 81 23 23-0045 for laminated glazing, 08 81 23 23-0051 for insulated glazing.

08 43 13 00-0002 1-3/4" x 4-1/2" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0003	SF	5' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.70	7.67
		For Various Color Class I Anodized Finish, Add	*0.90*	
		For Black Color Class I Anodized Finish, Add	*2.71*	
08 43 13 00-0004	SF	6' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.99	6.91
		For Various Color Class I Anodized Finish, Add	*0.81*	
		For Black Color Class I Anodized Finish, Add	*2.43*	
08 43 13 00-0005	SF	7' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.06	6.37
		For Various Color Class I Anodized Finish, Add	*0.74*	
		For Black Color Class I Anodized Finish, Add	*2.23*	
08 43 13 00-0006	SF	8' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.61	5.96
		For Various Color Class I Anodized Finish, Add	*0.69*	
		For Black Color Class I Anodized Finish, Add	*2.08*	
08 43 13 00-0007	SF	9' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.49	5.64
		For Various Color Class I Anodized Finish, Add	*0.66*	
		For Black Color Class I Anodized Finish, Add	*1.97*	
08 43 13 00-0008	SF	10' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	18.58	5.39
		For Various Color Class I Anodized Finish, Add	*0.62*	
		For Black Color Class I Anodized Finish, Add	*1.87*	
08 43 13 00-0009	SF	11' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.84	5.19
		For Various Color Class I Anodized Finish, Add	*0.60*	
		For Black Color Class I Anodized Finish, Add	*1.80*	
08 43 13 00-0010	SF	12' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.23	5.01
		For Various Color Class I Anodized Finish, Add	*0.58*	
		For Black Color Class I Anodized Finish, Add	*1.74*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0011			1-3/4" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*		
			Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0012		SF	5' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	34.84	10.04
			For Various Color Class I Anodized Finish, Add	*1.18*	
			For Black Color Class I Anodized Finish, Add	*3.54*	
08 43 13 00-0013		SF	6' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	30.74	8.89
			For Various Color Class I Anodized Finish, Add	*1.04*	
			For Black Color Class I Anodized Finish, Add	*3.12*	
08 43 13 00-0014		SF	7' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.93	8.05
			For Various Color Class I Anodized Finish, Add	*0.94*	
			For Black Color Class I Anodized Finish, Add	*2.83*	
08 43 13 00-0015		SF	8' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.75	7.43
			For Various Color Class I Anodized Finish, Add	*0.87*	
			For Black Color Class I Anodized Finish, Add	*2.60*	
08 43 13 00-0016		SF	9' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.05	6.90
			For Various Color Class I Anodized Finish, Add	*0.81*	
			For Black Color Class I Anodized Finish, Add	*2.43*	
08 43 13 00-0017		SF	10' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.66	6.59
			For Various Color Class I Anodized Finish, Add	*0.76*	
			For Black Color Class I Anodized Finish, Add	*2.29*	
08 43 13 00-0018		SF	11' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.60	6.27
			For Various Color Class I Anodized Finish, Add	*0.73*	
			For Black Color Class I Anodized Finish, Add	*2.18*	
08 43 13 00-0019		SF	12' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.66	5.96
			For Various Color Class I Anodized Finish, Add	*0.69*	
			For Black Color Class I Anodized Finish, Add	*2.08*	
08 43 13 00-0020			1-3/4" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*		
			Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0021		SF	5' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	43.00	12.33
			For Various Color Class I Anodized Finish, Add	*1.46*	
			For Black Color Class I Anodized Finish, Add	*4.37*	
08 43 13 00-0022		SF	6' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	37.62	10.77
			For Various Color Class I Anodized Finish, Add	*1.27*	
			For Black Color Class I Anodized Finish, Add	*3.82*	
08 43 13 00-0023		SF	7' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	33.73	9.72
			For Various Color Class I Anodized Finish, Add	*1.14*	
			For Black Color Class I Anodized Finish, Add	*3.42*	
08 43 13 00-0024		SF	8' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	30.82	8.89
			For Various Color Class I Anodized Finish, Add	*1.04*	
			For Black Color Class I Anodized Finish, Add	*3.12*	
08 43 13 00-0025		SF	9' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.50	8.26
			For Various Color Class I Anodized Finish, Add	*0.96*	
			For Black Color Class I Anodized Finish, Add	*2.89*	
08 43 13 00-0026		SF	10' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.73	7.74
			For Various Color Class I Anodized Finish, Add	*0.90*	
			For Black Color Class I Anodized Finish, Add	*2.70*	
08 43 13 00-0027		SF	11' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.27	7.32
			For Various Color Class I Anodized Finish, Add	*0.85*	
			For Black Color Class I Anodized Finish, Add	*2.55*	
08 43 13 00-0028		SF	12' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.04	7.00
			For Various Color Class I Anodized Finish, Add	*0.81*	
			For Black Color Class I Anodized Finish, Add	*2.43*	
08 43 13 00-0029			2" x 4-1/2" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*		
			Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0030	SF	5' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.52	8.05
		For Various Color Class I Anodized Finish, Add	*0.92*	
		For Black Color Class I Anodized Finish, Add	*2.77*	
08 43 13 00-0031	SF	6' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.73	7.22
		For Various Color Class I Anodized Finish, Add	*0.83*	
		For Black Color Class I Anodized Finish, Add	*2.48*	
08 43 13 00-0032	SF	7' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.64	6.69
		For Various Color Class I Anodized Finish, Add	*0.76*	
		For Black Color Class I Anodized Finish, Add	*2.27*	
08 43 13 00-0033	SF	8' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.13	6.27
		For Various Color Class I Anodized Finish, Add	*0.70*	
		For Black Color Class I Anodized Finish, Add	*2.11*	
08 43 13 00-0034	SF	9' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.93	5.85
		For Various Color Class I Anodized Finish, Add	*0.66*	
		For Black Color Class I Anodized Finish, Add	*1.99*	
08 43 13 00-0035	SF	10' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.08	5.64
		For Various Color Class I Anodized Finish, Add	*0.63*	
		For Black Color Class I Anodized Finish, Add	*1.89*	
08 43 13 00-0036	SF	11' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	18.20	5.43
		For Various Color Class I Anodized Finish, Add	*0.60*	
		For Black Color Class I Anodized Finish, Add	*1.81*	
08 43 13 00-0037	SF	12' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.62	5.23
		For Various Color Class I Anodized Finish, Add	*0.58*	
		For Black Color Class I Anodized Finish, Add	*1.74*	

08 43 13 00-0038 2" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0039	SF	5' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	36.53	10.87
		For Various Color Class I Anodized Finish, Add	*1.20*	
		For Black Color Class I Anodized Finish, Add	*3.60*	
08 43 13 00-0040	SF	6' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	32.13	9.61
		For Various Color Class I Anodized Finish, Add	*1.06*	
		For Black Color Class I Anodized Finish, Add	*3.17*	
08 43 13 00-0041	SF	7' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	29.06	8.68
		For Various Color Class I Anodized Finish, Add	*0.95*	
		For Black Color Class I Anodized Finish, Add	*2.86*	
08 43 13 00-0042	SF	8' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.72	8.05
		For Various Color Class I Anodized Finish, Add	*0.88*	
		For Black Color Class I Anodized Finish, Add	*2.63*	
08 43 13 00-0043	SF	9' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.00	7.53
		For Various Color Class I Anodized Finish, Add	*0.82*	
		For Black Color Class I Anodized Finish, Add	*2.45*	
08 43 13 00-0044	SF	10' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.46	7.10
		For Various Color Class I Anodized Finish, Add	*0.77*	
		For Black Color Class I Anodized Finish, Add	*2.30*	
08 43 13 00-0045	SF	11' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.28	6.69
		For Various Color Class I Anodized Finish, Add	*0.73*	
		For Black Color Class I Anodized Finish, Add	*2.19*	
08 43 13 00-0046	SF	12' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.32	6.38
		For Various Color Class I Anodized Finish, Add	*0.70*	
		For Black Color Class I Anodized Finish, Add	*2.09*	

08 43 13 00-0047 2" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0048	SF	5' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	44.17	12.96
		For Various Color Class I Anodized Finish, Add	*1.48*	
		For Black Color Class I Anodized Finish, Add	*4.43*	
08 43 13 00-0049	SF	6' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	38.59	11.29
		For Various Color Class I Anodized Finish, Add	*1.29*	
		For Black Color Class I Anodized Finish, Add	*3.86*	
08 43 13 00-0050	SF	7' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	34.55	10.14
		For Various Color Class I Anodized Finish, Add	*1.15*	
		For Black Color Class I Anodized Finish, Add	*3.45*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0051	SF	8' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	31.60	9.30
		For Various Color Class I Anodized Finish, Add	*1.05*	
		For Black Color Class I Anodized Finish, Add	*3.15*	
08 43 13 00-0052	SF	9' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	29.23	8.58
		For Various Color Class I Anodized Finish, Add	*0.97*	
		For Black Color Class I Anodized Finish, Add	*2.91*	
08 43 13 00-0053	SF	10' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.34	8.05
		For Various Color Class I Anodized Finish, Add	*0.91*	
		For Black Color Class I Anodized Finish, Add	*2.72*	
08 43 13 00-0054	SF	11' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.85	7.63
		For Various Color Class I Anodized Finish, Add	*0.85*	
		For Black Color Class I Anodized Finish, Add	*2.56*	
08 43 13 00-0055	SF	12' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.49	7.32
		For Various Color Class I Anodized Finish, Add	*0.81*	
		For Black Color Class I Anodized Finish, Add	*2.43*	

08 43 13 00-0056 2-1/2" x 5" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0057	SF	5' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	34.16	8.26
		For Various Color Class I Anodized Finish, Add	*1.30*	
		For Black Color Class I Anodized Finish, Add	*3.91*	
08 43 13 00-0058	SF	6' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	30.72	7.43
		For Various Color Class I Anodized Finish, Add	*1.17*	
		For Black Color Class I Anodized Finish, Add	*3.52*	
08 43 13 00-0059	SF	7' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.32	6.79
		For Various Color Class I Anodized Finish, Add	*1.08*	
		For Black Color Class I Anodized Finish, Add	*3.23*	
08 43 13 00-0060	SF	8' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.52	6.38
		For Various Color Class I Anodized Finish, Add	*1.01*	
		For Black Color Class I Anodized Finish, Add	*3.02*	
08 43 13 00-0061	SF	9' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.09	6.07
		For Various Color Class I Anodized Finish, Add	*0.95*	
		For Black Color Class I Anodized Finish, Add	*2.86*	
08 43 13 00-0062	SF	10' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.94	5.75
		For Various Color Class I Anodized Finish, Add	*0.91*	
		For Black Color Class I Anodized Finish, Add	*2.73*	
08 43 13 00-0063	SF	11' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.04	5.54
		For Various Color Class I Anodized Finish, Add	*0.87*	
		For Black Color Class I Anodized Finish, Add	*2.62*	
08 43 13 00-0064	SF	12' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.22	5.33
		For Various Color Class I Anodized Finish, Add	*0.84*	
		For Black Color Class I Anodized Finish, Add	*2.53*	

08 43 13 00-0065 2-1/2" x 5" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0066	SF	5' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	45.10	11.09
		For Various Color Class I Anodized Finish, Add	*1.70*	
		For Black Color Class I Anodized Finish, Add	*5.09*	
08 43 13 00-0067	SF	6' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	39.84	9.83
		For Various Color Class I Anodized Finish, Add	*1.50*	
		For Black Color Class I Anodized Finish, Add	*4.50*	
08 43 13 00-0068	SF	7' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	36.14	8.89
		For Various Color Class I Anodized Finish, Add	*1.36*	
		For Black Color Class I Anodized Finish, Add	*4.08*	
08 43 13 00-0069	SF	8' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	33.35	8.15
		For Various Color Class I Anodized Finish, Add	*1.25*	
		For Black Color Class I Anodized Finish, Add	*3.76*	
08 43 13 00-0070	SF	9' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	31.15	7.63
		For Various Color Class I Anodized Finish, Add	*1.17*	
		For Black Color Class I Anodized Finish, Add	*3.52*	
08 43 13 00-0071	SF	10' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	29.42	7.22
		For Various Color Class I Anodized Finish, Add	*1.11*	
		For Black Color Class I Anodized Finish, Add	*3.32*	
08 43 13 00-0072	SF	11' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.00	6.90
		For Various Color Class I Anodized Finish, Add	*1.05*	
		For Black Color Class I Anodized Finish, Add	*3.16*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0073	SF	12' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.75	6.59
		For Various Color Class I Anodized Finish, Add	*1.01*	
		For Black Color Class I Anodized Finish, Add	*3.03*	
08 43 13 00-0074		2-1/2" x 5" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*		
		Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0075	SF	5' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	54.39	12.96
		For Various Color Class I Anodized Finish, Add	*2.09*	
		For Black Color Class I Anodized Finish, Add	*6.27*	
08 43 13 00-0076	SF	6' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	47.82	11.50
		For Various Color Class I Anodized Finish, Add	*1.83*	
		For Black Color Class I Anodized Finish, Add	*5.48*	
08 43 13 00-0077	SF	7' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	42.93	10.35
		For Various Color Class I Anodized Finish, Add	*1.64*	
		For Black Color Class I Anodized Finish, Add	*4.92*	
08 43 13 00-0078	SF	8' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	39.32	9.41
		For Various Color Class I Anodized Finish, Add	*1.50*	
		For Black Color Class I Anodized Finish, Add	*4.50*	
08 43 13 00-0079	SF	9' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	36.46	8.78
		For Various Color Class I Anodized Finish, Add	*1.39*	
		For Black Color Class I Anodized Finish, Add	*4.17*	
08 43 13 00-0080	SF	10' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	34.18	8.26
		For Various Color Class I Anodized Finish, Add	*1.30*	
		For Black Color Class I Anodized Finish, Add	*3.91*	
08 43 13 00-0081	SF	11' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	32.25	7.74
		For Various Color Class I Anodized Finish, Add	*1.23*	
		For Black Color Class I Anodized Finish, Add	*3.70*	
08 43 13 00-0082	SF	12' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	30.73	7.43
		For Various Color Class I Anodized Finish, Add	*1.17*	
		For Black Color Class I Anodized Finish, Add	*3.52*	
08 43 13 00-0083		Accessories For Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*		
08 43 13 00-0084	LF	For 3/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing	34.81	6.95
08 43 13 00-0085	LF	For 1-1/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing	39.68	7.65
08 43 13 00-0086	LF	For 1-7/16" x 4-5/8" x 1/4" Steel Reinforcing, Storefront Framing	60.73	8.41
08 43 19		**Stainless-Steel-Framed Storefronts** *(08 43)*		
08 43 19 00-0001		Stainless Steel Storefront Framing Assembly *(08 43 19)*		
		Note: Includes frames, reinforcing and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. Per SF of opening area. See CSI section 08 81 23 23-0051 for insulated glazing.		
08 43 19 00-0002	SF	Stainless Steel Storefront Framing Assembly	41.46	5.23
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*3.35*	
08 44		**Curtain Wall and Glazed Assemblies** *(08 40)*		
08 44 13		**Glazed Aluminum Curtain Walls** *(08 44)*		
08 44 13 00-0001		Curtain Walls *(08 44 13)*		
08 44 13 00-0002		Coping Sections *(08 44 13 00-0001)*		
08 44 13 00-0003	LF	Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section	67.44	3.13
		For Bronze Anodized Aluminum, Add	*7.37*	
		For Stainless Steel, Add	*30.38*	
		For Black Anodized Finish, Add	*13.26*	
08 44 13 00-0004	LF	Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section	70.06	3.13
		For Bronze Anodized Aluminum, Add	*7.76*	
		For Stainless Steel, Add	*31.95*	
		For Black Anodized Finish, Add	*13.96*	
08 44 13 00-0005	LF	Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section	84.24	4.18
		For Bronze Anodized Aluminum, Add	*9.21*	
		For Stainless Steel, Add	*37.97*	
		For Black Anodized Finish, Add	*16.57*	
08 44 13 00-0006		Sill Section *(08 44 13 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0007	LF	Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section	53.15	2.09
		For Bronze Anodized Aluminum, Add	*6.04*	
		For Stainless Steel, Add	*24.79*	
		For Black Anodized Finish, Add	*10.86*	
08 44 13 00-0008	LF	Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section	57.44	2.09
		For Bronze Anodized Aluminum, Add	*6.68*	
		For Stainless Steel, Add	*27.36*	
		For Black Anodized Finish, Add	*12.02*	
08 44 13 00-0009	LF	Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section	61.79	2.09
		For Bronze Anodized Aluminum, Add	*7.33*	
		For Stainless Steel, Add	*29.97*	
		For Black Anodized Finish, Add	*13.20*	

08 44 13 00-0010 Aluminum Column Covers *(08 44 13 00-0001)*

Note: Includes all clips and fasteners.

08 44 13 00-0011	LF	Aluminum Column Covers, 1/8" x 26", Shaped	136.71	5.23
		For Bronze Anodized Aluminum, Add	*16.09*	
		For Stainless Steel, Add	*65.83*	
		For Black Anodized Finish, Add	*28.96*	
08 44 13 00-0012	LF	Aluminum Column Covers, 1/8" x 34", Shaped	168.16	5.23
		For Bronze Anodized Aluminum, Add	*20.54*	
		For Stainless Steel, Add	*83.73*	
		For Black Anodized Finish, Add	*36.98*	
08 44 13 00-0013	LF	Aluminum Column Covers, 1/8" x 38", Shaped	180.30	5.23
		For Bronze Anodized Aluminum, Add	*22.36*	
		For Stainless Steel, Add	*91.01*	
		For Black Anodized Finish, Add	*40.25*	

08 44 13 00-0014 Spandrel Covers *(08 44 13 00-0001)*

Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted).

08 44 13 00-0015	SF	1" Spandrel Cover, Aluminum Both Faces	55.31	2.09
		For Bronze Anodized Aluminum, Add	*6.98*	
		For Stainless Steel, Add	*28.35*	
		For Black Anodized Finish, Add	*12.56*	
08 44 13 00-0016	SF	1" Spandrel Cover, Aluminum Exterior Face	48.41	2.09
		For Bronze Anodized Aluminum, Add	*5.94*	
		For Stainless Steel, Add	*24.21*	
		For Black Anodized Finish, Add	*10.70*	
08 44 13 00-0017	SF	1" Spandrel Cover, Epoxy Both Faces	105.57	2.09
		For Bronze Anodized Aluminum, Add	*14.52*	
		For Stainless Steel, Add	*58.51*	
		For Black Anodized Finish, Add	*26.13*	
08 44 13 00-0018	SF	1" Spandrel Cover, Epoxy Exterior Face Only	86.10	2.09
		For Bronze Anodized Aluminum, Add	*11.60*	
		For Stainless Steel, Add	*46.83*	
		For Black Anodized Finish, Add	*20.87*	
08 44 13 00-0019	SF	2" Spandrel Cover, Aluminum Both Faces	62.10	2.09
		For Bronze Anodized Aluminum, Add	*7.65*	
		For Stainless Steel, Add	*31.17*	
		For Black Anodized Finish, Add	*13.78*	
08 44 13 00-0020	SF	2" Spandrel Cover, Aluminum Exterior Face	55.57	2.09
		For Bronze Anodized Aluminum, Add	*6.68*	
		For Stainless Steel, Add	*27.25*	
		For Black Anodized Finish, Add	*12.02*	
08 44 13 00-0021	SF	2" Spandrel Cover, Epoxy Both Faces	120.59	2.09
		For Bronze Anodized Aluminum, Add	*16.43*	
		For Stainless Steel, Add	*66.27*	
		For Black Anodized Finish, Add	*29.57*	
08 44 13 00-0022	SF	2" Spandrel Cover, Epoxy Exterior Face Only	98.13	2.09
		For Bronze Anodized Aluminum, Add	*13.06*	
		For Stainless Steel, Add	*52.79*	
		For Black Anodized Finish, Add	*23.51*	

08 44 13 00-0023 Curtain Wall, Aluminum System Framing Sections *(08 44 13 00-0001)*

Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.

08 44 13 00-0024	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls	76.51	2.09
		For Bronze Anodized Aluminum, Add	*10.23*	
		For Stainless Steel, Add	*41.35*	
		For Black Anodized Finish, Add	*18.42*	
08 44 13 00-0025	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls	76.35	2.09
		For Bronze Anodized Aluminum, Add	*10.23*	
		For Stainless Steel, Add	*41.34*	
		For Black Anodized Finish, Add	*18.42*	
08 44 13 00-0026	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls	76.35	2.09
		For Bronze Anodized Aluminum, Add	*10.23*	
		For Stainless Steel, Add	*41.34*	
		For Black Anodized Finish, Add	*18.42*	
		For Corner Mullion, Add	*18.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0027	LF	Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls	94.07	4.18
		For Bronze Anodized Aluminum, Add	*12.23*	
		For Stainless Steel, Add	*49.54*	
		For Black Anodized Finish, Add	*22.01*	
08 44 13 00-0028	LF	Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls	94.07	4.18
		For Bronze Anodized Aluminum, Add	*12.23*	
		For Stainless Steel, Add	*49.54*	
		For Black Anodized Finish, Add	*22.01*	
08 44 13 00-0029	LF	Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls	94.07	4.18
		For Bronze Anodized Aluminum, Add	*12.23*	
		For Stainless Steel, Add	*49.54*	
		For Black Anodized Finish, Add	*22.01*	
		For Corner Mullion, Add	*22.26*	
08 44 13 00-0030	LF	Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls	103.28	4.60
		For Bronze Anodized Aluminum, Add	*13.40*	
		For Stainless Steel, Add	*54.30*	
		For Black Anodized Finish, Add	*24.12*	
08 44 13 00-0031	LF	Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls	103.28	4.60
		For Bronze Anodized Aluminum, Add	*13.40*	
		For Stainless Steel, Add	*54.30*	
		For Black Anodized Finish, Add	*24.12*	
08 44 13 00-0032	LF	Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls	103.28	4.60
		For Bronze Anodized Aluminum, Add	*13.40*	
		For Stainless Steel, Add	*54.30*	
		For Black Anodized Finish, Add	*24.12*	
		For Corner Mullion, Add	*24.43*	
08 44 13 00-0033	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls	112.69	5.23
		For Bronze Anodized Aluminum, Add	*14.58*	
		For Stainless Steel, Add	*59.09*	
		For Black Anodized Finish, Add	*26.24*	
08 44 13 00-0034	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls	112.69	5.23
		For Bronze Anodized Aluminum, Add	*14.58*	
		For Stainless Steel, Add	*59.09*	
		For Black Anodized Finish, Add	*26.24*	
08 44 13 00-0035	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls	112.69	5.23
		For Bronze Anodized Aluminum, Add	*14.58*	
		For Stainless Steel, Add	*59.09*	
		For Black Anodized Finish, Add	*26.24*	
		For Corner Mullion, Add	*26.62*	
08 44 13 00-0036	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls	126.54	5.64
		For Bronze Anodized Aluminum, Add	*16.44*	
		For Stainless Steel, Add	*66.62*	
		For Black Anodized Finish, Add	*29.60*	
08 44 13 00-0037	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls	126.54	5.64
		For Bronze Anodized Aluminum, Add	*16.44*	
		For Stainless Steel, Add	*66.62*	
		For Black Anodized Finish, Add	*29.60*	
08 44 13 00-0038	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls	126.54	5.64
		For Bronze Anodized Aluminum, Add	*16.44*	
		For Stainless Steel, Add	*66.62*	
		For Black Anodized Finish, Add	*29.60*	
		For Corner Mullion, Add	*29.94*	
08 44 13 00-0039	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls	145.26	6.27
		For Bronze Anodized Aluminum, Add	*18.88*	
		For Stainless Steel, Add	*76.49*	
		For Black Anodized Finish, Add	*33.98*	
08 44 13 00-0040	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls	145.26	6.27
		For Bronze Anodized Aluminum, Add	*18.88*	
		For Stainless Steel, Add	*76.49*	
		For Black Anodized Finish, Add	*33.98*	
08 44 13 00-0041	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls	145.26	6.27
		For Bronze Anodized Aluminum, Add	*18.88*	
		For Stainless Steel, Add	*76.49*	
		For Black Anodized Finish, Add	*33.98*	
		For Corner Mullion, Add	*34.38*	

08 45 Translucent Wall and Roof Assemblies *(08 40)*

08 45 23 Fiberglass-Sandwich-Panel Assemblies *(08 45)*

08 45 23 00-0001 Translucent Fiberglass Sandwich-Panels 2-3/4" Thick *(08 45 23)*

08 45 23 00-0002	SF	<5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed	127.71	5.33
		For Aluminum Frame, Add	*11.97*	
08 45 23 00-0003	SF	>5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed	117.09	4.54
		For Aluminum Frame, Add	*11.03*	

08 50 Windows *(08)*

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

08 51 Metal Windows *(08 50)*

08 51 13 Aluminum Windows *(08 51)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

See CSI section 08 80 00 00-0000 for glazing.

08 51 13 00-0001 Aluminum Windows *(08 51 13)*

Note: Includes standard acrylic paint finish. Excludes glazing, panning and aluminum trim.

08 51 13 00-0002 Single Hung Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0003 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350) *(08 51 13 00-0002)*

08 51 13 00-0004	EA	Up To 6 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350)	502.97	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*20.53*	
		For Clear Anodized Finish, Add	*17.11*	
		For Color Anodized Finish, Add	*23.95*	
08 51 13 00-0005	EA	>6 To 10 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350)	565.84	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.90*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.70*	
		For Clear Anodized Finish, Add	*19.75*	
		For Color Anodized Finish, Add	*27.65*	
08 51 13 00-0006	EA	>10 To 15 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350)	619.51	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.77*	
		For 70% Fluoropolymer Finish (Duranar), Add	*26.31*	
		For Clear Anodized Finish, Add	*21.93*	
		For Color Anodized Finish, Add	*30.70*	
08 51 13 00-0007	EA	>15 To 20 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350)	664.01	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.46*	
		For 70% Fluoropolymer Finish (Duranar), Add	*28.38*	
		For Clear Anodized Finish, Add	*23.65*	
		For Color Anodized Finish, Add	*33.11*	
08 51 13 00-0008	EA	>20 To 30 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350)	763.61	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.25*	
		For 70% Fluoropolymer Finish (Duranar), Add	*33.75*	
		For Clear Anodized Finish, Add	*28.13*	
		For Color Anodized Finish, Add	*39.38*	
08 51 13 00-0009	SF	>30 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350)	24.80	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.38*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.13*	
		For Clear Anodized Finish, Add	*0.94*	
		For Color Anodized Finish, Add	*1.31*	

08 51 13 00-0010 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) *(08 51 13 00-0002)*

08 51 13 00-0011	EA	Up To 6 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	540.98	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.60*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.81*	
		For Clear Anodized Finish, Add	*19.01*	
		For Color Anodized Finish, Add	*26.61*	
08 51 13 00-0012	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	609.72	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.78*	
		For 70% Fluoropolymer Finish (Duranar), Add	*26.33*	
		For Clear Anodized Finish, Add	*21.94*	
		For Color Anodized Finish, Add	*30.72*	
08 51 13 00-0013	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	668.23	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.75*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.24*	
		For Clear Anodized Finish, Add	*24.36*	
		For Color Anodized Finish, Add	*34.11*	
08 51 13 00-0014	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	716.56	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.51*	
		For 70% Fluoropolymer Finish (Duranar), Add	*31.53*	
		For Clear Anodized Finish, Add	*26.28*	
		For Color Anodized Finish, Add	*36.79*	
08 51 13 00-0015	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	826.11	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.50*	
		For 70% Fluoropolymer Finish (Duranar), Add	*37.50*	
		For Clear Anodized Finish, Add	*31.25*	
		For Color Anodized Finish, Add	*43.75*	
08 51 13 00-0016	SF	>30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	26.88	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.42*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.25*	
		For Clear Anodized Finish, Add	*1.04*	
		For Color Anodized Finish, Add	*1.46*	

08 51 13 00-0017 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) *(08 51 13 00-0002)*

08 51 13 00-0018	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	811.41	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.01*	
		For 70% Fluoropolymer Finish (Duranar), Add	*39.03*	
		For Clear Anodized Finish, Add	*32.53*	
		For Color Anodized Finish, Add	*45.54*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0019	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	903.11	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.64*	
		For 70% Fluoropolymer Finish (Duranar), Add	*43.93*	
		For Clear Anodized Finish, Add	*36.61*	
		For Color Anodized Finish, Add	*51.25*	
08 51 13 00-0020	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	979.49	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.97*	
		For 70% Fluoropolymer Finish (Duranar), Add	*47.91*	
		For Clear Anodized Finish, Add	*39.93*	
		For Color Anodized Finish, Add	*55.90*	
08 51 13 00-0021	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	1,053.33	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.25*	
		For 70% Fluoropolymer Finish (Duranar), Add	*51.74*	
		For Clear Anodized Finish, Add	*43.12*	
		For Color Anodized Finish, Add	*60.36*	
08 51 13 00-0022	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	1,254.72	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.07*	
		For 70% Fluoropolymer Finish (Duranar), Add	*63.22*	
		For Clear Anodized Finish, Add	*52.68*	
		For Color Anodized Finish, Add	*73.76*	
08 51 13 00-0023	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	41.17	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.70*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.11*	
		For Clear Anodized Finish, Add	*1.76*	
		For Color Anodized Finish, Add	*2.46*	

08 51 13 00-0024 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) *(08 51 13 00-0002)*

08 51 13 00-0025	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	857.34	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.93*	
		For 70% Fluoropolymer Finish (Duranar), Add	*41.79*	
		For Clear Anodized Finish, Add	*34.82*	
		For Color Anodized Finish, Add	*48.75*	
08 51 13 00-0026	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	966.89	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.92*	
		For 70% Fluoropolymer Finish (Duranar), Add	*47.76*	
		For Clear Anodized Finish, Add	*39.80*	
		For Color Anodized Finish, Add	*55.72*	
08 51 13 00-0027	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,056.02	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.50*	
		For 70% Fluoropolymer Finish (Duranar), Add	*52.50*	
		For Clear Anodized Finish, Add	*43.75*	
		For Color Anodized Finish, Add	*61.25*	
08 51 13 00-0028	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,142.62	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.03*	
		For 70% Fluoropolymer Finish (Duranar), Add	*57.10*	
		For Clear Anodized Finish, Add	*47.58*	
		For Color Anodized Finish, Add	*66.61*	
08 51 13 00-0029	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,364.42	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*23.27*	
		For 70% Fluoropolymer Finish (Duranar), Add	*69.80*	
		For Clear Anodized Finish, Add	*58.17*	
		For Color Anodized Finish, Add	*81.44*	
08 51 13 00-0030	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	44.82	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.78*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.33*	
		For Clear Anodized Finish, Add	*1.94*	
		For Color Anodized Finish, Add	*2.71*	

08 51 13 00-0031 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) *(08 51 13 00-0002)*

08 51 13 00-0032	EA	Up To 6 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	944.08	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.66*	
		For 70% Fluoropolymer Finish (Duranar), Add	*46.99*	
		For Clear Anodized Finish, Add	*39.16*	
		For Color Anodized Finish, Add	*54.83*	
08 51 13 00-0033	EA	>6 To 10 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,086.80	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*18.32*	
		For 70% Fluoropolymer Finish (Duranar), Add	*54.95*	
		For Clear Anodized Finish, Add	*45.79*	
		For Color Anodized Finish, Add	*64.11*	
08 51 13 00-0034	EA	>10 To 15 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,178.48	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.95*	
		For 70% Fluoropolymer Finish (Duranar), Add	*59.85*	
		For Clear Anodized Finish, Add	*49.88*	
		For Color Anodized Finish, Add	*69.83*	
08 51 13 00-0035	EA	>15 To 20 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,265.08	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.48*	
		For 70% Fluoropolymer Finish (Duranar), Add	*64.44*	
		For Clear Anodized Finish, Add	*53.70*	
		For Color Anodized Finish, Add	*75.18*	

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08 51 13 00-0036	EA	>20 To 30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,469.02	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*25.36*	
		For 70% Fluoropolymer Finish (Duranar), Add	*76.08*	
		For Clear Anodized Finish, Add	*63.40*	
		For Color Anodized Finish, Add	*88.76*	
08 51 13 00-0037	SF	>30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	48.31	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.85*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.54*	
		For Clear Anodized Finish, Add	*2.11*	
		For Color Anodized Finish, Add	*2.96*	
08 51 13 00-0038		4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL) *(08 51 13 00-0002)*		
08 51 13 00-0039	EA	Up To 6 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL)	1,139.87	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.58*	
		For 70% Fluoropolymer Finish (Duranar), Add	*58.74*	
		For Clear Anodized Finish, Add	*48.95*	
		For Color Anodized Finish, Add	*68.53*	
08 51 13 00-0040	EA	>6 To 10 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL)	1,315.76	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*22.90*	
		For 70% Fluoropolymer Finish (Duranar), Add	*68.69*	
		For Clear Anodized Finish, Add	*57.24*	
		For Color Anodized Finish, Add	*80.14*	
08 51 13 00-0041	EA	>10 To 15 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL)	1,427.85	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*24.94*	
		For 70% Fluoropolymer Finish (Duranar), Add	*74.81*	
		For Clear Anodized Finish, Add	*62.35*	
		For Color Anodized Finish, Add	*87.28*	
08 51 13 00-0042	EA	>15 To 20 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL)	1,533.61	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*26.85*	
		For 70% Fluoropolymer Finish (Duranar), Add	*80.56*	
		For Clear Anodized Finish, Add	*67.13*	
		For Color Anodized Finish, Add	*93.98*	
08 51 13 00-0043	EA	>20 To 30 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL)	1,786.02	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*31.70*	
		For 70% Fluoropolymer Finish (Duranar), Add	*95.10*	
		For Clear Anodized Finish, Add	*79.25*	
		For Color Anodized Finish, Add	*110.95*	
08 51 13 00-0044	SF	>30 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL)	58.87	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.06*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.17*	
		For Clear Anodized Finish, Add	*2.64*	
		For Color Anodized Finish, Add	*3.70*	
08 51 13 00-0045		Double Hung Aluminum Windows *(08 51 13 00-0001)*		
08 51 13 00-0046		3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) *(08 51 13 00-0045)*		
08 51 13 00-0047	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	609.87	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.98*	
		For 70% Fluoropolymer Finish (Duranar), Add	*26.94*	
		For Clear Anodized Finish, Add	*22.45*	
		For Color Anodized Finish, Add	*31.43*	
08 51 13 00-0048	EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	676.05	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.10*	
		For 70% Fluoropolymer Finish (Duranar), Add	*30.31*	
		For Clear Anodized Finish, Add	*25.26*	
		For Color Anodized Finish, Add	*35.36*	
08 51 13 00-0049	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	732.02	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.02*	
		For 70% Fluoropolymer Finish (Duranar), Add	*33.06*	
		For Clear Anodized Finish, Add	*27.55*	
		For Color Anodized Finish, Add	*38.57*	
08 51 13 00-0050	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	790.55	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.99*	
		For 70% Fluoropolymer Finish (Duranar), Add	*35.97*	
		For Clear Anodized Finish, Add	*29.98*	
		For Color Anodized Finish, Add	*41.97*	
08 51 13 00-0051	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	925.61	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.49*	
		For 70% Fluoropolymer Finish (Duranar), Add	*43.47*	
		For Clear Anodized Finish, Add	*36.23*	
		For Color Anodized Finish, Add	*50.72*	
08 51 13 00-0052	SF	>30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	30.20	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.48*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.45*	
		For Clear Anodized Finish, Add	*1.21*	
		For Color Anodized Finish, Add	*1.69*	
08 51 13 00-0053		4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) *(08 51 13 00-0045)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0054	EA	Up To 6 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	755.29	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.89*	
		For 70% Fluoropolymer Finish (Duranar), Add	*35.67*	
		For Clear Anodized Finish, Add	*29.72*	
		For Color Anodized Finish, Add	*41.61*	
08 51 13 00-0055	EA	>6 To 10 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	877.60	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.13*	
		For 70% Fluoropolymer Finish (Duranar), Add	*42.40*	
		For Clear Anodized Finish, Add	*35.33*	
		For Color Anodized Finish, Add	*49.47*	
08 51 13 00-0056	EA	>10 To 15 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	976.93	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.92*	
		For 70% Fluoropolymer Finish (Duranar), Add	*47.76*	
		For Clear Anodized Finish, Add	*39.80*	
		For Color Anodized Finish, Add	*55.72*	
08 51 13 00-0057	EA	>15 To 20 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	1,089.04	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*53.88*	
		For Clear Anodized Finish, Add	*44.90*	
		For Color Anodized Finish, Add	*62.86*	
08 51 13 00-0058	EA	>20 To 30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	1,295.54	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.89*	
		For 70% Fluoropolymer Finish (Duranar), Add	*65.67*	
		For Clear Anodized Finish, Add	*54.72*	
		For Color Anodized Finish, Add	*76.61*	
08 51 13 00-0059	SF	>30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	42.52	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.73*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.19*	
		For Clear Anodized Finish, Add	*1.82*	
		For Color Anodized Finish, Add	*2.55*	
08 51 13 00-0060		4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) *(08 51 13 00-0045)*		
08 51 13 00-0061	EA	Up To 6 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	956.83	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.92*	
		For 70% Fluoropolymer Finish (Duranar), Add	*47.76*	
		For Clear Anodized Finish, Add	*39.80*	
		For Color Anodized Finish, Add	*55.72*	
08 51 13 00-0062	EA	>6 To 10 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	1,099.56	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*18.57*	
		For 70% Fluoropolymer Finish (Duranar), Add	*55.72*	
		For Clear Anodized Finish, Add	*46.43*	
		For Color Anodized Finish, Add	*65.01*	
08 51 13 00-0063	EA	>10 To 15 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	1,219.30	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*20.77*	
		For 70% Fluoropolymer Finish (Duranar), Add	*62.30*	
		For Clear Anodized Finish, Add	*51.92*	
		For Color Anodized Finish, Add	*72.68*	
08 51 13 00-0064	EA	>15 To 20 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	1,336.51	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*22.91*	
		For 70% Fluoropolymer Finish (Duranar), Add	*68.73*	
		For Clear Anodized Finish, Add	*57.28*	
		For Color Anodized Finish, Add	*80.19*	
08 51 13 00-0065	EA	>20 To 30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	1,619.54	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*28.37*	
		For 70% Fluoropolymer Finish (Duranar), Add	*85.11*	
		For Clear Anodized Finish, Add	*70.92*	
		For Color Anodized Finish, Add	*99.29*	
08 51 13 00-0066	SF	>30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	53.31	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.95*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.84*	
		For Clear Anodized Finish, Add	*2.36*	
		For Color Anodized Finish, Add	*3.31*	
08 51 13 00-0067		4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) *(08 51 13 00-0045)*		
08 51 13 00-0068	EA	Up To 10 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,505.20	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*26.69*	
		For 70% Fluoropolymer Finish (Duranar), Add	*80.06*	
		For Clear Anodized Finish, Add	*66.71*	
		For Color Anodized Finish, Add	*93.40*	
08 51 13 00-0069	EA	>10 To 15 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,650.46	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*29.39*	
		For 70% Fluoropolymer Finish (Duranar), Add	*88.17*	
		For Clear Anodized Finish, Add	*73.48*	
		For Color Anodized Finish, Add	*102.87*	
08 51 13 00-0070	EA	>15 To 20 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,821.25	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*32.60*	
		For 70% Fluoropolymer Finish (Duranar), Add	*97.81*	
		For Clear Anodized Finish, Add	*81.51*	
		For Color Anodized Finish, Add	*114.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0071	EA	>20 To 30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	2,109.38	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*38.17*	
		For 70% Fluoropolymer Finish (Duranar), Add	*114.50*	
		For Clear Anodized Finish, Add	*95.42*	
		For Color Anodized Finish, Add	*133.58*	
08 51 13 00-0072	SF	>30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	69.57	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.27*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.81*	
		For Clear Anodized Finish, Add	*3.18*	
		For Color Anodized Finish, Add	*4.45*	
08 51 13 00-0073		5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) *(08 51 13 00-0045)*		
08 51 13 00-0074	EA	Up To 10 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	2,081.78	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*38.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*114.65*	
		For Clear Anodized Finish, Add	*95.54*	
		For Color Anodized Finish, Add	*133.76*	
08 51 13 00-0075	EA	>10 To 15 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	2,244.90	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*41.28*	
		For 70% Fluoropolymer Finish (Duranar), Add	*123.84*	
		For Clear Anodized Finish, Add	*103.20*	
		For Color Anodized Finish, Add	*144.48*	
08 51 13 00-0076	EA	>15 To 20 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	2,430.99	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*44.80*	
		For 70% Fluoropolymer Finish (Duranar), Add	*134.40*	
		For Clear Anodized Finish, Add	*112.00*	
		For Color Anodized Finish, Add	*156.80*	
08 51 13 00-0077	EA	>20 To 30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	2,754.84	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*51.08*	
		For 70% Fluoropolymer Finish (Duranar), Add	*153.23*	
		For Clear Anodized Finish, Add	*127.69*	
		For Color Anodized Finish, Add	*178.76*	
08 51 13 00-0078	SF	>30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	91.25	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.70*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.11*	
		For Clear Anodized Finish, Add	*4.26*	
		For Color Anodized Finish, Add	*5.96*	
08 51 13 00-0079		Horizontal Sliding Aluminum Windows *(08 51 13 00-0001)*		
08 51 13 00-0080		One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Windows *(08 51 13 00-0079)*		
08 51 13 00-0081		2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) *(08 51 13 00-0080)*		
08 51 13 00-0082	EA	Up To 6 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	553.74	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.86*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.57*	
		For Clear Anodized Finish, Add	*19.64*	
		For Color Anodized Finish, Add	*27.50*	
08 51 13 00-0083	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	625.03	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.08*	
		For 70% Fluoropolymer Finish (Duranar), Add	*27.25*	
		For Clear Anodized Finish, Add	*22.71*	
		For Color Anodized Finish, Add	*31.79*	
08 51 13 00-0084	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	678.44	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.95*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.85*	
		For Clear Anodized Finish, Add	*24.87*	
		For Color Anodized Finish, Add	*34.82*	
08 51 13 00-0085	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	734.42	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.87*	
		For 70% Fluoropolymer Finish (Duranar), Add	*32.60*	
		For Clear Anodized Finish, Add	*27.17*	
		For Color Anodized Finish, Add	*38.04*	
08 51 13 00-0086	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	849.07	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*38.88*	
		For Clear Anodized Finish, Add	*32.40*	
		For Color Anodized Finish, Add	*45.36*	
08 51 13 00-0087	SF	>30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	27.65	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.43*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.30*	
		For Clear Anodized Finish, Add	*1.08*	
		For Color Anodized Finish, Add	*1.51*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0088		3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) *(08 51 13 00-0080)*		
08 51 13 00-0089	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	877.75	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.34*	
		For 70% Fluoropolymer Finish (Duranar), Add	*43.01*	
		For Clear Anodized Finish, Add	*35.85*	
		For Color Anodized Finish, Add	*50.18*	
08 51 13 00-0090	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	989.85	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.38*	
		For 70% Fluoropolymer Finish (Duranar), Add	*49.14*	
		For Clear Anodized Finish, Add	*40.95*	
		For Color Anodized Finish, Add	*57.33*	
08 51 13 00-0091	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	1,078.98	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*53.88*	
		For Clear Anodized Finish, Add	*44.90*	
		For Color Anodized Finish, Add	*62.86*	
08 51 13 00-0092	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	1,165.58	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.49*	
		For 70% Fluoropolymer Finish (Duranar), Add	*58.47*	
		For Clear Anodized Finish, Add	*48.73*	
		For Color Anodized Finish, Add	*68.22*	
08 51 13 00-0093	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	1,354.22	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*23.06*	
		For 70% Fluoropolymer Finish (Duranar), Add	*69.19*	
		For Clear Anodized Finish, Add	*57.66*	
		For Color Anodized Finish, Add	*80.72*	
08 51 13 00-0094	SF	>30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	44.49	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.77*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.31*	
		For Clear Anodized Finish, Add	*1.92*	
		For Color Anodized Finish, Add	*2.69*	
08 51 13 00-0095		Two Rolling Sashes, Horizontal Sliding Aluminum Windows *(08 51 13 00-0079)*		
08 51 13 00-0096		3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) *(08 51 13 00-0095)*		
08 51 13 00-0097	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	620.07	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.18*	
		For 70% Fluoropolymer Finish (Duranar), Add	*27.55*	
		For Clear Anodized Finish, Add	*22.96*	
		For Color Anodized Finish, Add	*32.15*	
08 51 13 00-0098	EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	711.77	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.82*	
		For 70% Fluoropolymer Finish (Duranar), Add	*32.45*	
		For Clear Anodized Finish, Add	*27.04*	
		For Color Anodized Finish, Add	*37.86*	
08 51 13 00-0099	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	772.84	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*35.51*	
		For Clear Anodized Finish, Add	*29.59*	
		For Color Anodized Finish, Add	*41.43*	
08 51 13 00-0100	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	823.71	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.65*	
		For 70% Fluoropolymer Finish (Duranar), Add	*37.96*	
		For Clear Anodized Finish, Add	*31.64*	
		For Color Anodized Finish, Add	*44.29*	
08 51 13 00-0101	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	953.67	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.05*	
		For 70% Fluoropolymer Finish (Duranar), Add	*45.16*	
		For Clear Anodized Finish, Add	*37.63*	
		For Color Anodized Finish, Add	*52.68*	
08 51 13 00-0102	SF	>30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	31.12	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.50*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.50*	
		For Clear Anodized Finish, Add	*1.25*	
		For Color Anodized Finish, Add	*1.76*	
08 51 13 00-0103		Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Windows *(08 51 13 00-0079)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0104		4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) *(08 51 13 00-0103)*		
08 51 13 00-0105	EA	Up To 12 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,586.99	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*28.52*	
		For 70% Fluoropolymer Finish (Duranar), Add	*85.57*	
		For Clear Anodized Finish, Add	*71.31*	
		For Color Anodized Finish, Add	*99.83*	
08 51 13 00-0106	EA	>12 To 18 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,826.42	111.59
		For 50% Fluoropolymer Finish (Acrynar), Add	*32.81*	
		For 70% Fluoropolymer Finish (Duranar), Add	*98.43*	
		For Clear Anodized Finish, Add	*82.02*	
		For Color Anodized Finish, Add	*114.83*	
08 51 13 00-0107	EA	>18 To 24 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,974.25	117.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*35.56*	
		For 70% Fluoropolymer Finish (Duranar), Add	*106.69*	
		For Clear Anodized Finish, Add	*88.91*	
		For Color Anodized Finish, Add	*124.47*	
08 51 13 00-0108	EA	>24 To 40 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	2,387.16	132.70
		For 50% Fluoropolymer Finish (Acrynar), Add	*43.32*	
		For 70% Fluoropolymer Finish (Duranar), Add	*129.96*	
		For Clear Anodized Finish, Add	*108.30*	
		For Color Anodized Finish, Add	*151.62*	
08 51 13 00-0109	EA	>40 To 60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	2,756.64	150.79
		For 50% Fluoropolymer Finish (Acrynar), Add	*50.11*	
		For 70% Fluoropolymer Finish (Duranar), Add	*150.32*	
		For Clear Anodized Finish, Add	*125.27*	
		For Color Anodized Finish, Add	*175.37*	
08 51 13 00-0110	SF	>60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	47.78	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.83*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.50*	
		For Clear Anodized Finish, Add	*2.09*	
		For Color Anodized Finish, Add	*2.92*	
08 51 13 00-0111		Fixed Aluminum Windows *(08 51 13 00-0001)*		
08 51 13 00-0112		2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) *(08 51 13 00-0111)*		
08 51 13 00-0113	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	433.83	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.46*	
		For 70% Fluoropolymer Finish (Duranar), Add	*16.38*	
		For Clear Anodized Finish, Add	*13.65*	
		For Color Anodized Finish, Add	*19.11*	
08 51 13 00-0114	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	494.92	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.48*	
		For 70% Fluoropolymer Finish (Duranar), Add	*19.44*	
		For Clear Anodized Finish, Add	*16.20*	
		For Color Anodized Finish, Add	*22.68*	
08 51 13 00-0115	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	522.81	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*20.51*	
		For Clear Anodized Finish, Add	*17.09*	
		For Color Anodized Finish, Add	*23.93*	
08 51 13 00-0116	EA	>15 To 20 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	550.73	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.19*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.58*	
		For Clear Anodized Finish, Add	*17.99*	
		For Color Anodized Finish, Add	*25.18*	
08 51 13 00-0117	EA	>20 To 30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	726.61	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.51*	
		For 70% Fluoropolymer Finish (Duranar), Add	*31.53*	
		For Clear Anodized Finish, Add	*26.28*	
		For Color Anodized Finish, Add	*36.79*	
08 51 13 00-0118	SF	>30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	23.57	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.35*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.05*	
		For Clear Anodized Finish, Add	*0.88*	
		For Color Anodized Finish, Add	*1.23*	
08 51 13 00-0119		2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) *(08 51 13 00-0111)*		
08 51 13 00-0120	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	546.09	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.70*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.11*	
		For Clear Anodized Finish, Add	*19.26*	
		For Color Anodized Finish, Add	*26.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0121	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	625.03	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.08*	
		For 70% Fluoropolymer Finish (Duranar), Add	*27.25*	
		For Clear Anodized Finish, Add	*22.71*	
		For Color Anodized Finish, Add	*31.79*	
08 51 13 00-0122	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	673.34	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.85*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.54*	
		For Clear Anodized Finish, Add	*24.62*	
		For Color Anodized Finish, Add	*34.47*	
08 51 13 00-0123	EA	>15 To 20 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	724.22	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.66*	
		For 70% Fluoropolymer Finish (Duranar), Add	*31.99*	
		For Clear Anodized Finish, Add	*26.66*	
		For Color Anodized Finish, Add	*37.32*	
08 51 13 00-0124	EA	>20 To 30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	953.67	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.05*	
		For 70% Fluoropolymer Finish (Duranar), Add	*45.16*	
		For Clear Anodized Finish, Add	*37.63*	
		For Color Anodized Finish, Add	*52.68*	
08 51 13 00-0125	SF	>30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	31.12	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.50*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.50*	
		For Clear Anodized Finish, Add	*1.25*	
		For Color Anodized Finish, Add	*1.76*	
08 51 13 00-0126		3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100) *(08 51 13 00-0111)*		
08 51 13 00-0127	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	469.55	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.17*	
		For 70% Fluoropolymer Finish (Duranar), Add	*18.52*	
		For Clear Anodized Finish, Add	*15.44*	
		For Color Anodized Finish, Add	*21.61*	
08 51 13 00-0128	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	548.49	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.55*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.65*	
		For Clear Anodized Finish, Add	*18.88*	
		For Color Anodized Finish, Add	*26.43*	
08 51 13 00-0129	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	591.70	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*24.65*	
		For Clear Anodized Finish, Add	*20.54*	
		For Color Anodized Finish, Add	*28.75*	
08 51 13 00-0130	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	637.48	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.93*	
		For 70% Fluoropolymer Finish (Duranar), Add	*26.79*	
		For Clear Anodized Finish, Add	*22.32*	
		For Color Anodized Finish, Add	*31.25*	
08 51 13 00-0131	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	854.17	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.06*	
		For 70% Fluoropolymer Finish (Duranar), Add	*39.19*	
		For Clear Anodized Finish, Add	*32.66*	
		For Color Anodized Finish, Add	*45.72*	
08 51 13 00-0132	SF	>30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	27.80	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.44*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.31*	
		For Clear Anodized Finish, Add	*1.09*	
		For Color Anodized Finish, Add	*1.52*	
08 51 13 00-0133		4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) *(08 51 13 00-0111)*		
08 51 13 00-0134	EA	Up To 6 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	467.00	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.12*	
		For 70% Fluoropolymer Finish (Duranar), Add	*18.37*	
		For Clear Anodized Finish, Add	*15.31*	
		For Color Anodized Finish, Add	*21.43*	
08 51 13 00-0135	EA	>6 To 10 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	538.29	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.35*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.04*	
		For Clear Anodized Finish, Add	*18.37*	
		For Color Anodized Finish, Add	*25.72*	
08 51 13 00-0136	EA	>10 To 15 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	581.49	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.01*	
		For 70% Fluoropolymer Finish (Duranar), Add	*24.03*	
		For Clear Anodized Finish, Add	*20.03*	
		For Color Anodized Finish, Add	*28.04*	
08 51 13 00-0137	EA	>15 To 20 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	627.27	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.73*	
		For 70% Fluoropolymer Finish (Duranar), Add	*26.18*	
		For Clear Anodized Finish, Add	*21.81*	
		For Color Anodized Finish, Add	*30.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0138	EA	>20 To 30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	843.97	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.86*	
		For 70% Fluoropolymer Finish (Duranar), Add	*38.57*	
		For Clear Anodized Finish, Add	*32.15*	
		For Color Anodized Finish, Add	*45.00*	
08 51 13 00-0139	SF	>30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	27.47	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.43*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.29*	
		For Clear Anodized Finish, Add	*1.07*	
		For Color Anodized Finish, Add	*1.50*	
08 51 13 00-0140		4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL) *(08 51 13 00-0111)*		
08 51 13 00-0141	EA	Up To 6 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	558.84	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.88*	
		For Clear Anodized Finish, Add	*19.90*	
		For Color Anodized Finish, Add	*27.86*	
08 51 13 00-0142	EA	>6 To 10 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	648.50	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.55*	
		For 70% Fluoropolymer Finish (Duranar), Add	*28.66*	
		For Clear Anodized Finish, Add	*23.88*	
		For Color Anodized Finish, Add	*33.43*	
08 51 13 00-0143	EA	>10 To 15 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	701.66	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.41*	
		For 70% Fluoropolymer Finish (Duranar), Add	*31.24*	
		For Clear Anodized Finish, Add	*26.04*	
		For Color Anodized Finish, Add	*36.45*	
08 51 13 00-0144	EA	>15 To 20 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	758.15	114.61
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.34*	
		For 70% Fluoropolymer Finish (Duranar), Add	*34.03*	
		For Clear Anodized Finish, Add	*28.36*	
		For Color Anodized Finish, Add	*39.70*	
08 51 13 00-0145	EA	>20 To 30 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	1,036.84	120.63
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*50.15*	
		For Clear Anodized Finish, Add	*41.79*	
		For Color Anodized Finish, Add	*58.50*	
08 51 13 00-0146	SF	>30 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	33.89	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.56*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.67*	
		For Clear Anodized Finish, Add	*1.39*	
		For Color Anodized Finish, Add	*1.95*	
08 51 13 00-0147		Projected Aluminum Windows *(08 51 13 00-0001)*		
08 51 13 00-0148		Single Vent, Projected Aluminum Windows *(08 51 13 00-0147)*		
08 51 13 00-0149		2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) *(08 51 13 00-0148)*		
08 51 13 00-0150	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	625.68	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.30*	
		For 70% Fluoropolymer Finish (Duranar), Add	*27.89*	
		For Clear Anodized Finish, Add	*23.24*	
		For Color Anodized Finish, Add	*32.54*	
08 51 13 00-0151	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	678.35	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.15*	
		For 70% Fluoropolymer Finish (Duranar), Add	*30.45*	
		For Clear Anodized Finish, Add	*25.37*	
		For Color Anodized Finish, Add	*35.52*	
08 51 13 00-0152	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	739.67	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.17*	
		For 70% Fluoropolymer Finish (Duranar), Add	*33.52*	
		For Clear Anodized Finish, Add	*27.94*	
		For Color Anodized Finish, Add	*39.11*	
08 51 13 00-0153	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	43.29	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.75*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.24*	
		For Clear Anodized Finish, Add	*1.86*	
		For Color Anodized Finish, Add	*2.61*	
08 51 13 00-0154		2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) *(08 51 13 00-0148)*		
08 51 13 00-0155	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	851.24	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.81*	
		For 70% Fluoropolymer Finish (Duranar), Add	*41.42*	
		For Clear Anodized Finish, Add	*34.52*	
		For Color Anodized Finish, Add	*48.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0156	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	941.15	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.40*	
		For 70% Fluoropolymer Finish (Duranar), Add	*46.21*	
		For Clear Anodized Finish, Add	*38.51*	
		For Color Anodized Finish, Add	*53.92*	
08 51 13 00-0157	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	1,045.82	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.30*	
		For 70% Fluoropolymer Finish (Duranar), Add	*51.89*	
		For Clear Anodized Finish, Add	*43.24*	
		For Color Anodized Finish, Add	*60.54*	
08 51 13 00-0158	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	63.70	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.15*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.46*	
		For Clear Anodized Finish, Add	*2.88*	
		For Color Anodized Finish, Add	*4.04*	
08 51 13 00-0159		3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) *(08 51 13 00-0148)*		
08 51 13 00-0160	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	935.84	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.50*	
		For 70% Fluoropolymer Finish (Duranar), Add	*46.50*	
		For Clear Anodized Finish, Add	*38.75*	
		For Color Anodized Finish, Add	*54.25*	
08 51 13 00-0161	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,039.68	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.38*	
		For 70% Fluoropolymer Finish (Duranar), Add	*52.13*	
		For Clear Anodized Finish, Add	*43.44*	
		For Color Anodized Finish, Add	*60.81*	
08 51 13 00-0162	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,160.62	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.59*	
		For 70% Fluoropolymer Finish (Duranar), Add	*58.78*	
		For Clear Anodized Finish, Add	*48.98*	
		For Color Anodized Finish, Add	*68.58*	
08 51 13 00-0163	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	71.35	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.31*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.92*	
		For Clear Anodized Finish, Add	*3.27*	
		For Color Anodized Finish, Add	*4.57*	
08 51 13 00-0164		3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600) *(08 51 13 00-0148)*		
08 51 13 00-0165	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600)	994.11	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.67*	
		For 70% Fluoropolymer Finish (Duranar), Add	*50.00*	
		For Clear Anodized Finish, Add	*41.66*	
		For Color Anodized Finish, Add	*58.33*	
08 51 13 00-0166	EA	>6 To 10 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	1,107.57	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*18.73*	
		For 70% Fluoropolymer Finish (Duranar), Add	*56.20*	
		For Clear Anodized Finish, Add	*46.83*	
		For Color Anodized Finish, Add	*65.57*	
08 51 13 00-0167	EA	>10 To 15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	1,239.71	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.18*	
		For 70% Fluoropolymer Finish (Duranar), Add	*63.53*	
		For Clear Anodized Finish, Add	*52.94*	
		For Color Anodized Finish, Add	*74.11*	
08 51 13 00-0168	SF	>15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	76.63	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.41*	
		For 70% Fluoropolymer Finish (Duranar), Add	*4.24*	
		For Clear Anodized Finish, Add	*3.53*	
		For Color Anodized Finish, Add	*4.94*	
08 51 13 00-0169		4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) *(08 51 13 00-0148)*		
08 51 13 00-0170	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	986.58	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.51*	
		For 70% Fluoropolymer Finish (Duranar), Add	*49.54*	
		For Clear Anodized Finish, Add	*41.29*	
		For Color Anodized Finish, Add	*57.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0171	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	1,098.82	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*18.56*	
		For 70% Fluoropolymer Finish (Duranar), Add	*55.67*	
		For Clear Anodized Finish, Add	*46.40*	
		For Color Anodized Finish, Add	*64.95*	
08 51 13 00-0172	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	1,229.51	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*20.97*	
		For 70% Fluoropolymer Finish (Duranar), Add	*62.91*	
		For Clear Anodized Finish, Add	*52.43*	
		For Color Anodized Finish, Add	*73.40*	
08 51 13 00-0173	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	75.94	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.40*	
		For 70% Fluoropolymer Finish (Duranar), Add	*4.19*	
		For Clear Anodized Finish, Add	*3.50*	
		For Color Anodized Finish, Add	*4.89*	

08 51 13 00-0174 Fixed Over Vent, Projected Aluminum Windows *(08 51 13 00-0147)*

08 51 13 00-0175 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) *(08 51 13 00-0174)*

08 51 13 00-0176	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	871.93	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*42.66*	
		For Clear Anodized Finish, Add	*35.55*	
		For Color Anodized Finish, Add	*49.78*	
08 51 13 00-0177	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	965.24	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.89*	
		For 70% Fluoropolymer Finish (Duranar), Add	*47.66*	
		For Clear Anodized Finish, Add	*39.72*	
		For Color Anodized Finish, Add	*55.60*	
08 51 13 00-0178	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	1,073.88	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.86*	
		For 70% Fluoropolymer Finish (Duranar), Add	*53.58*	
		For Clear Anodized Finish, Add	*44.65*	
		For Color Anodized Finish, Add	*62.51*	
08 51 13 00-0179	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	65.48	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.19*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.57*	
		For Clear Anodized Finish, Add	*2.97*	
		For Color Anodized Finish, Add	*4.16*	

08 51 13 00-0180 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) *(08 51 13 00-0174)*

08 51 13 00-0181	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	1,229.08	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.36*	
		For 70% Fluoropolymer Finish (Duranar), Add	*64.09*	
		For Clear Anodized Finish, Add	*53.41*	
		For Color Anodized Finish, Add	*74.78*	
08 51 13 00-0182	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	1,381.32	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*24.21*	
		For 70% Fluoropolymer Finish (Duranar), Add	*72.62*	
		For Clear Anodized Finish, Add	*60.52*	
		For Color Anodized Finish, Add	*84.73*	
08 51 13 00-0183	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	1,558.61	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*27.55*	
		For 70% Fluoropolymer Finish (Duranar), Add	*82.66*	
		For Clear Anodized Finish, Add	*68.88*	
		For Color Anodized Finish, Add	*96.44*	
08 51 13 00-0184	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	97.88	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.51*	
		For Clear Anodized Finish, Add	*4.59*	
		For Color Anodized Finish, Add	*6.43*	

08 51 13 00-0185 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) *(08 51 13 00-0174)*

08 51 13 00-0186	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,304.26	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*22.87*	
		For 70% Fluoropolymer Finish (Duranar), Add	*68.60*	
		For Clear Anodized Finish, Add	*57.17*	
		For Color Anodized Finish, Add	*80.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0187	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,468.90	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*25.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*77.88*	
		For Clear Anodized Finish, Add	*64.90*	
		For Color Anodized Finish, Add	*90.86*	
08 51 13 00-0188	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,660.66	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*29.59*	
		For 70% Fluoropolymer Finish (Duranar), Add	*88.78*	
		For Clear Anodized Finish, Add	*73.99*	
		For Color Anodized Finish, Add	*103.58*	
08 51 13 00-0189	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	104.52	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.97*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.91*	
		For Clear Anodized Finish, Add	*4.92*	
		For Color Anodized Finish, Add	*6.89*	
08 51 13 00-0190		3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) *(08 51 13 00-0174)*		
08 51 13 00-0191	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	1,296.76	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*22.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*68.15*	
		For Clear Anodized Finish, Add	*56.80*	
		For Color Anodized Finish, Add	*79.51*	
08 51 13 00-0192	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	1,460.15	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*25.78*	
		For 70% Fluoropolymer Finish (Duranar), Add	*77.35*	
		For Clear Anodized Finish, Add	*64.46*	
		For Color Anodized Finish, Add	*90.25*	
08 51 13 00-0193	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	1,650.46	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*29.39*	
		For 70% Fluoropolymer Finish (Duranar), Add	*88.17*	
		For Clear Anodized Finish, Add	*73.48*	
		For Color Anodized Finish, Add	*102.87*	
08 51 13 00-0194	SF	>15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	104.01	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.88*	
		For Clear Anodized Finish, Add	*4.90*	
		For Color Anodized Finish, Add	*6.86*	
08 51 13 00-0195		4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) *(08 51 13 00-0174)*		
08 51 13 00-0196	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	1,413.30	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*25.05*	
		For 70% Fluoropolymer Finish (Duranar), Add	*75.15*	
		For Clear Anodized Finish, Add	*62.62*	
		For Color Anodized Finish, Add	*87.67*	
08 51 13 00-0197	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	1,595.93	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*28.50*	
		For 70% Fluoropolymer Finish (Duranar), Add	*85.50*	
		For Clear Anodized Finish, Add	*71.25*	
		For Color Anodized Finish, Add	*99.75*	
08 51 13 00-0198	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	1,808.63	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*32.55*	
		For 70% Fluoropolymer Finish (Duranar), Add	*97.66*	
		For Clear Anodized Finish, Add	*81.38*	
		For Color Anodized Finish, Add	*113.94*	
08 51 13 00-0199	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	114.47	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.17*	
		For 70% Fluoropolymer Finish (Duranar), Add	*6.51*	
		For Clear Anodized Finish, Add	*5.42*	
		For Color Anodized Finish, Add	*7.59*	
08 51 13 00-0200		Casement Aluminum Windows *(08 51 13 00-0001)*		
08 51 13 00-0201		Single Vent, Casement Aluminum Windows *(08 51 13 00-0200)*		
08 51 13 00-0202		2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) *(08 51 13 00-0201)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0203	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	717.78	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.14*	
		For 70% Fluoropolymer Finish (Duranar), Add	*33.42*	
		For Clear Anodized Finish, Add	*27.85*	
		For Color Anodized Finish, Add	*38.99*	
08 51 13 00-0204	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	785.65	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.29*	
		For 70% Fluoropolymer Finish (Duranar), Add	*36.88*	
		For Clear Anodized Finish, Add	*30.74*	
		For Color Anodized Finish, Add	*43.03*	
08 51 13 00-0205	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	864.68	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.67*	
		For 70% Fluoropolymer Finish (Duranar), Add	*41.02*	
		For Clear Anodized Finish, Add	*34.19*	
		For Color Anodized Finish, Add	*47.86*	
08 51 13 00-0206	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	51.63	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.91*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.74*	
		For Clear Anodized Finish, Add	*2.28*	
		For Color Anodized Finish, Add	*3.19*	

08 51 13 00-0207 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200) *(08 51 13 00-0201)*

08 51 13 00-0208	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,059.90	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.98*	
		For 70% Fluoropolymer Finish (Duranar), Add	*53.94*	
		For Clear Anodized Finish, Add	*44.95*	
		For Color Anodized Finish, Add	*62.93*	
08 51 13 00-0209	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,184.21	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*20.27*	
		For 70% Fluoropolymer Finish (Duranar), Add	*60.80*	
		For Clear Anodized Finish, Add	*50.67*	
		For Color Anodized Finish, Add	*70.93*	
08 51 13 00-0210	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,329.00	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*22.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*68.88*	
		For Clear Anodized Finish, Add	*57.40*	
		For Color Anodized Finish, Add	*80.36*	
08 51 13 00-0211	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	82.58	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.53*	
		For 70% Fluoropolymer Finish (Duranar), Add	*4.59*	
		For Clear Anodized Finish, Add	*3.83*	
		For Color Anodized Finish, Add	*5.36*	

08 51 13 00-0212 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200) *(08 51 13 00-0201)*

08 51 13 00-0213	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,065.54	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*18.09*	
		For 70% Fluoropolymer Finish (Duranar), Add	*54.28*	
		For Clear Anodized Finish, Add	*45.23*	
		For Color Anodized Finish, Add	*63.33*	
08 51 13 00-0214	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,190.79	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*20.40*	
		For 70% Fluoropolymer Finish (Duranar), Add	*61.19*	
		For Clear Anodized Finish, Add	*50.99*	
		For Color Anodized Finish, Add	*71.39*	
08 51 13 00-0215	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,336.66	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*23.11*	
		For 70% Fluoropolymer Finish (Duranar), Add	*69.34*	
		For Clear Anodized Finish, Add	*57.79*	
		For Color Anodized Finish, Add	*80.90*	
08 51 13 00-0216	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	83.09	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.54*	
		For 70% Fluoropolymer Finish (Duranar), Add	*4.62*	
		For Clear Anodized Finish, Add	*3.85*	
		For Color Anodized Finish, Add	*5.39*	

08 51 13 00-0217 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) *(08 51 13 00-0201)*

08 51 13 00-0218	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	1,123.81	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.26*	
		For 70% Fluoropolymer Finish (Duranar), Add	*57.78*	
		For Clear Anodized Finish, Add	*48.15*	
		For Color Anodized Finish, Add	*67.41*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0219	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	1,258.68	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.76*	
		For 70% Fluoropolymer Finish (Duranar), Add	*65.27*	
		For Clear Anodized Finish, Add	*54.39*	
		For Color Anodized Finish, Add	*76.14*	
08 51 13 00-0220	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	1,415.75	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*24.70*	
		For 70% Fluoropolymer Finish (Duranar), Add	*74.09*	
		For Clear Anodized Finish, Add	*61.74*	
		For Color Anodized Finish, Add	*86.44*	
08 51 13 00-0221	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	88.37	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.65*	
		For 70% Fluoropolymer Finish (Duranar), Add	*4.94*	
		For Clear Anodized Finish, Add	*4.12*	
		For Color Anodized Finish, Add	*5.76*	

08 51 13 00-0222 Fixed Over Vent, Casement Aluminum Windows *(08 51 13 00-0200)*

08 51 13 00-0223 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) *(08 51 13 00-0222)*

08 51 13 00-0224	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	821.17	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.21*	
		For 70% Fluoropolymer Finish (Duranar), Add	*39.62*	
		For Clear Anodized Finish, Add	*33.02*	
		For Color Anodized Finish, Add	*46.22*	
08 51 13 00-0225	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	906.10	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.70*	
		For 70% Fluoropolymer Finish (Duranar), Add	*44.11*	
		For Clear Anodized Finish, Add	*36.76*	
		For Color Anodized Finish, Add	*51.46*	
08 51 13 00-0226	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	1,005.00	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.48*	
		For 70% Fluoropolymer Finish (Duranar), Add	*49.44*	
		For Clear Anodized Finish, Add	*41.20*	
		For Color Anodized Finish, Add	*57.68*	
08 51 13 00-0227	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	60.97	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.10*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.30*	
		For Clear Anodized Finish, Add	*2.75*	
		For Color Anodized Finish, Add	*3.85*	

08 51 13 00-0228 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) *(08 51 13 00-0222)*

08 51 13 00-0229	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,163.28	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*20.05*	
		For 70% Fluoropolymer Finish (Duranar), Add	*60.15*	
		For Clear Anodized Finish, Add	*50.12*	
		For Color Anodized Finish, Add	*70.17*	
08 51 13 00-0230	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,304.65	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*22.67*	
		For 70% Fluoropolymer Finish (Duranar), Add	*68.02*	
		For Clear Anodized Finish, Add	*56.69*	
		For Color Anodized Finish, Add	*79.36*	
08 51 13 00-0231	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,469.32	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*25.77*	
		For 70% Fluoropolymer Finish (Duranar), Add	*77.30*	
		For Clear Anodized Finish, Add	*64.42*	
		For Color Anodized Finish, Add	*90.19*	
08 51 13 00-0232	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	91.94	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.15*	
		For Clear Anodized Finish, Add	*4.30*	
		For Color Anodized Finish, Add	*6.01*	

08 51 13 00-0233 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) *(08 51 13 00-0222)*

08 51 13 00-0234	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,289.23	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*22.57*	
		For 70% Fluoropolymer Finish (Duranar), Add	*67.70*	
		For Clear Anodized Finish, Add	*56.42*	
		For Color Anodized Finish, Add	*78.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0235	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,451.40	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*25.61*	
		For 70% Fluoropolymer Finish (Duranar), Add	*76.83*	
		For Clear Anodized Finish, Add	*64.02*	
		For Color Anodized Finish, Add	*89.63*	
08 51 13 00-0236	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,640.25	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*29.19*	
		For 70% Fluoropolymer Finish (Duranar), Add	*87.56*	
		For Clear Anodized Finish, Add	*72.97*	
		For Color Anodized Finish, Add	*102.15*	
08 51 13 00-0237	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	103.32	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.95*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.84*	
		For Clear Anodized Finish, Add	*4.86*	
		For Color Anodized Finish, Add	*6.81*	

08 51 13 00-0238 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) *(08 51 13 00-0222)*

08 51 13 00-0239	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	1,403.89	96.51
		For 50% Fluoropolymer Finish (Acrynar), Add	*24.86*	
		For 70% Fluoropolymer Finish (Duranar), Add	*74.58*	
		For Clear Anodized Finish, Add	*62.15*	
		For Color Anodized Finish, Add	*87.01*	
08 51 13 00-0240	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	1,584.98	102.54
		For 50% Fluoropolymer Finish (Acrynar), Add	*28.28*	
		For 70% Fluoropolymer Finish (Duranar), Add	*84.84*	
		For Clear Anodized Finish, Add	*70.70*	
		For Color Anodized Finish, Add	*98.98*	
08 51 13 00-0241	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	1,795.88	108.57
		For 50% Fluoropolymer Finish (Acrynar), Add	*32.30*	
		For 70% Fluoropolymer Finish (Duranar), Add	*96.90*	
		For Clear Anodized Finish, Add	*80.75*	
		For Color Anodized Finish, Add	*113.05*	
08 51 13 00-0242	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	113.70	3.62
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.15*	
		For 70% Fluoropolymer Finish (Duranar), Add	*6.46*	
		For Clear Anodized Finish, Add	*5.38*	
		For Color Anodized Finish, Add	*7.54*	

08 51 13 00-0243 Aluminum Window Accessories *(08 51 13)*

08 51 13 00-0244 Aluminum Window Mullions *(08 51 13 00-0243)*

08 51 13 00-0245	LF	Integral Mullions For Aluminum Windows	24.61	4.52
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.32*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.97*	
		For Clear Anodized Finish, Add	*0.81*	
		For Color Anodized Finish, Add	*1.14*	

08 51 13 00-0246 Aluminum Window Panning *(08 51 13 00-0243)*

Note: Panning price is determined by window size. For windows greater than 30 square feet multiply window square footage by square foot price.

08 51 13 00-0247	EA	Up To 6 SF Window, Aluminum Window Panning	255.10	37.56
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.85*	
		For 70% Fluoropolymer Finish (Duranar), Add	*11.55*	
		For Clear Anodized Finish, Add	*9.63*	
		For Color Anodized Finish, Add	*13.48*	
08 51 13 00-0248	EA	>6 To 10 SF Window, Aluminum Window Panning	352.50	62.60
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*14.89*	
		For Clear Anodized Finish, Add	*12.41*	
		For Color Anodized Finish, Add	*17.37*	
08 51 13 00-0249	EA	>10 To 15 SF Window, Aluminum Window Panning	427.86	93.90
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.43*	
		For 70% Fluoropolymer Finish (Duranar), Add	*16.28*	
		For Clear Anodized Finish, Add	*13.57*	
		For Color Anodized Finish, Add	*19.00*	
08 51 13 00-0250	EA	>15 To 20 SF Window, Aluminum Window Panning	507.86	125.20
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.98*	
		For 70% Fluoropolymer Finish (Duranar), Add	*17.95*	
		For Clear Anodized Finish, Add	*14.96*	
		For Color Anodized Finish, Add	*20.94*	
08 51 13 00-0251	EA	>20 To 30 SF Window, Aluminum Window Panning	665.53	187.80
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.05*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.15*	
		For Clear Anodized Finish, Add	*17.63*	
		For Color Anodized Finish, Add	*24.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0252	SF	>30 SF Window, Aluminum Window Panning	24.06	7.83
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.66*	
		For Clear Anodized Finish, Add	*0.55*	
		For Color Anodized Finish, Add	*0.77*	
08 51 13 00-0253		Aluminum Window Muntins, Grilles Or Dividers *(08 51 13 00-0243)*		
08 51 13 00-0254	SF	Applied (Per Side) Muntins Grilles Or Dividers For Aluminum Windows	7.08	4.52
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.02*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.06*	
		For Clear Anodized Finish, Add	*0.05*	
		For Color Anodized Finish, Add	*0.07*	
08 51 13 00-0255	SF	Internal Only (Between Glass) Muntins, Grilles Or Dividers For Aluminum Windows	10.10	4.52
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.08*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.24*	
		For Clear Anodized Finish, Add	*0.20*	
		For Color Anodized Finish, Add	*0.28*	
08 51 13 00-0256	SF	Simulated Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	20.88	4.52
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.12*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.35*	
		For Clear Anodized Finish, Add	*0.29*	
		For Color Anodized Finish, Add	*0.41*	
08 51 13 00-0257	SF	True Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	25.21	4.52
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.16*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.49*	
		For Clear Anodized Finish, Add	*0.41*	
		For Color Anodized Finish, Add	*0.57*	
08 51 13 00-0258		Other Aluminum Window Accessories *(08 51 13 00-0243)*		
08 51 13 00-0259	EA	Roto Operator For Casement Aluminum Windows	203.31	20.09
08 51 13 00-0260	EA	Head And Sill Automatic Locks For Hung Aluminum Windows	101.27	20.09
08 51 19		**Stainless-Steel Windows** *(08 51)*		
		See CSI section 08 80 00 00-0000 for glazing.		
08 51 19 00-0001		Stainless Steel Windows Types *(08 51 19)*		
08 51 19 00-0002		Industrial *(08 51 19 00-0001)*		
08 51 19 00-0003	SF	Stainless Steel Window With Horizontal Pivot Sash	86.88	6.04
08 51 19 00-0004	SF	Stainless Steel Window, Fixed Sash	65.20	6.04
08 51 19 00-0005		Projected Sash *(08 51 19 00-0001)*		
08 51 19 00-0006	SF	Commercial Projected Sash Window - 40% Vented Stainless Steel	90.93	6.04
08 51 19 00-0007	SF	Intermediate Projected Sash Window - 40% Vented Stainless Steel	100.52	6.04
08 51 19 00-0008		Other Type Sash *(08 51 19 00-0001)*		
08 51 19 00-0009	SF	Double Hung Stainless Steel Window Sash	110.08	6.04
08 51 19 00-0010	SF	Single Hung Stainless Steel Window Sash	77.51	6.04
08 51 19 00-0011	SF	Stainless Steel Picture Window Sash	64.56	6.04
08 51 19 00-0012	SF	Sliding Stainless Steel Window	113.59	6.04
08 51 19 00-0013		Casements *(08 51 19 00-0001)*		
08 51 19 00-0014	SF	Stainless Steel Window Casements, 100% Vented Operable, Factory Primed	98.53	6.04
08 51 19 00-0015	SF	Stainless Steel Window Casements, 50% Vented Operable, Factory Primed	85.05	6.04
08 51 19 00-0016	SF	Stainless Steel Window Casements, Fixed Sash, Factory Primed	59.62	6.04
08 51 23		**Steel Windows** *(08 51)*		
		Note: All sashes are factory primed. See CSI section 08 80 00 00-0000 for glazing.		
08 51 23 00-0001		Steel Windows *(08 51 23)*		
08 51 23 00-0002		Industrial *(08 51 23 00-0001)*		
08 51 23 00-0003	SF	Industrial Steel Window With Horizontal Pivot Sash	52.67	6.04
08 51 23 00-0004	SF	Industrial Steel Window, With Fixed Sash	47.47	6.04
08 51 23 00-0005	SF	Industrial Steel Window, With Operable Security Sash	74.02	6.04
08 51 23 00-0006	SF	Industrial Steel Window, With Fixed Security Sash	63.61	6.04
08 51 23 00-0007		Projected Sash *(08 51 23 00-0001)*		
08 51 23 00-0008	SF	Commercial Projected Sash Window - 40% Vented Steel	58.43	6.04
08 51 23 00-0009	SF	Intermediate Projected Sash Window - 40% Vented Steel	64.15	6.04
08 51 23 00-0010		Other Type Sash *(08 51 23 00-0001)*		
08 51 23 00-0011	SF	Double Hung Steel Window Sash	74.26	6.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 23 00-0012	SF	Steel Picture Window Sash	33.50	6.04
08 51 23 00-0013	SF	Fire Rated Double Hung Steel Window Sash	76.52	7.54
08 51 23 00-0014	SF	Single Hung Steel Window Sash	53.36	6.04
08 51 23 00-0015		Casements *(08 51 23 00-0001)*		
08 51 23 00-0016	SF	Steel Window Casements, 100% Vented Operable, Factory Primed	66.87	3.01
08 51 23 00-0017	SF	Steel Window Casements, 50% Vented Operable, Factory Primed	58.21	3.01
08 51 23 00-0018	SF	Steel Window Casements, Fixed Sash, Factory Primed	41.88	4.52
08 51 23 00-0019		Mullions *(08 51 23 00-0001)*		
08 51 23 00-0020	LF	Open Faced Steel Mullion	25.52	4.52
08 51 23 00-0021	LF	Covered Steel Mullions	41.88	4.52
08 51 23 00-0022		Removal And Reinstallation Of Metal Window And Frame *(08 51 23)* Note: Steel or aluminum frame. Includes storage, cleaning and supply materials, caulk and sealants.		
08 51 23 00-0023	SF	Removal And Reinstallation Of Metal Window And Frame	15.57	
08 51 69		**Metal Storm Windows** *(08 51)*		
08 51 69 00-0001		Storm Windows *(08 51 69)*		
08 51 69 00-0002	SF	Double Hung, Aluminum, Combination Storm And Screen	46.23	3.01
08 52		**Wood Windows** *(08 50)*		
08 52 11		**Wood Windows** *(08 52)*		
08 52 11 00-0001		Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11)* Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles.		
08 52 11 00-0002		30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0003	EA	20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	347.59	
		For Low-E Insulated Glass, Add	*31.72*	
		For Aluminum Clad Exterior, Add	*33.98*	
08 52 11 00-0004	EA	24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	369.51	
		For Low-E Insulated Glass, Add	*34.00*	
		For Aluminum Clad Exterior, Add	*36.43*	
08 52 11 00-0005	EA	28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	393.07	
		For Low-E Insulated Glass, Add	*36.51*	
		For Aluminum Clad Exterior, Add	*39.12*	
08 52 11 00-0006	EA	30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	405.66	
		For Low-E Insulated Glass, Add	*37.88*	
		For Aluminum Clad Exterior, Add	*40.58*	
08 52 11 00-0007	EA	32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	416.62	
		For Low-E Insulated Glass, Add	*39.02*	
		For Aluminum Clad Exterior, Add	*41.81*	
08 52 11 00-0008	EA	34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	430.86	
		For Low-E Insulated Glass, Add	*40.62*	
		For Aluminum Clad Exterior, Add	*43.52*	
08 52 11 00-0009	EA	36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	436.98	
		For Low-E Insulated Glass, Add	*41.08*	
		For Aluminum Clad Exterior, Add	*44.01*	
08 52 11 00-0010	EA	40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	465.38	
		For Low-E Insulated Glass, Add	*44.27*	
		For Aluminum Clad Exterior, Add	*47.43*	
08 52 11 00-0011	EA	44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	488.92	
		For Low-E Insulated Glass, Add	*46.78*	
		For Aluminum Clad Exterior, Add	*50.12*	
08 52 11 00-0012		34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0013	EA	20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	369.51	
		For Low-E Insulated Glass, Add	*34.00*	
		For Aluminum Clad Exterior, Add	*36.43*	
08 52 11 00-0014	EA	24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	393.07	
		For Low-E Insulated Glass, Add	*36.51*	
		For Aluminum Clad Exterior, Add	*39.12*	
08 52 11 00-0015	EA	28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	413.81	
		For Low-E Insulated Glass, Add	*39.02*	
		For Aluminum Clad Exterior, Add	*41.81*	
08 52 11 00-0016	EA	30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	430.86	
		For Low-E Insulated Glass, Add	*40.62*	
		For Aluminum Clad Exterior, Add	*43.52*	
08 52 11 00-0017	EA	32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	441.82	
		For Low-E Insulated Glass, Add	*41.76*	
		For Aluminum Clad Exterior, Add	*44.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0018	EA	34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	454.41	
		For Low-E Insulated Glass, Add	*43.13*	
		For Aluminum Clad Exterior, Add	*46.21*	
08 52 11 00-0019	EA	36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	465.38	
		For Low-E Insulated Glass, Add	*44.27*	
		For Aluminum Clad Exterior, Add	*47.43*	
08 52 11 00-0020	EA	40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	488.92	
		For Low-E Insulated Glass, Add	*46.78*	
		For Aluminum Clad Exterior, Add	*50.12*	
08 52 11 00-0021	EA	44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	512.49	
		For Low-E Insulated Glass, Add	*49.29*	
		For Aluminum Clad Exterior, Add	*52.81*	
08 52 11 00-0022		36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0023	EA	20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	380.70	
		For Low-E Insulated Glass, Add	*35.37*	
		For Aluminum Clad Exterior, Add	*37.89*	
08 52 11 00-0024	EA	24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	404.25	
		For Low-E Insulated Glass, Add	*37.88*	
		For Aluminum Clad Exterior, Add	*40.58*	
08 52 11 00-0025	EA	28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	429.45	
		For Low-E Insulated Glass, Add	*40.62*	
		For Aluminum Clad Exterior, Add	*43.52*	
08 52 11 00-0026	EA	30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	440.41	
		For Low-E Insulated Glass, Add	*41.76*	
		For Aluminum Clad Exterior, Add	*44.74*	
08 52 11 00-0027	EA	32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	453.01	
		For Low-E Insulated Glass, Add	*43.13*	
		For Aluminum Clad Exterior, Add	*46.21*	
08 52 11 00-0028	EA	34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	463.97	
		For Low-E Insulated Glass, Add	*44.27*	
		For Aluminum Clad Exterior, Add	*47.43*	
08 52 11 00-0029	EA	36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	476.56	
		For Low-E Insulated Glass, Add	*45.64*	
		For Aluminum Clad Exterior, Add	*48.90*	
08 52 11 00-0030	EA	40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	498.48	
		For Low-E Insulated Glass, Add	*47.92*	
		For Aluminum Clad Exterior, Add	*51.34*	
08 52 11 00-0031	EA	44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	522.05	
		For Low-E Insulated Glass, Add	*50.43*	
		For Aluminum Clad Exterior, Add	*54.03*	
08 52 11 00-0032		38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0033	EA	20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	394.47	
		For Low-E Insulated Glass, Add	*36.51*	
		For Aluminum Clad Exterior, Add	*39.12*	
08 52 11 00-0034	EA	24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	418.04	
		For Low-E Insulated Glass, Add	*39.02*	
		For Aluminum Clad Exterior, Add	*41.81*	
08 52 11 00-0035	EA	28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	443.23	
		For Low-E Insulated Glass, Add	*41.76*	
		For Aluminum Clad Exterior, Add	*44.74*	
08 52 11 00-0036	EA	30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	455.82	
		For Low-E Insulated Glass, Add	*43.13*	
		For Aluminum Clad Exterior, Add	*46.21*	
08 52 11 00-0037	EA	32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	466.78	
		For Low-E Insulated Glass, Add	*44.27*	
		For Aluminum Clad Exterior, Add	*47.43*	
08 52 11 00-0038	EA	34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	479.38	
		For Low-E Insulated Glass, Add	*45.64*	
		For Aluminum Clad Exterior, Add	*48.90*	
08 52 11 00-0039	EA	36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	490.33	
		For Low-E Insulated Glass, Add	*46.78*	
		For Aluminum Clad Exterior, Add	*50.12*	
08 52 11 00-0040	EA	40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	513.90	
		For Low-E Insulated Glass, Add	*49.29*	
		For Aluminum Clad Exterior, Add	*52.81*	
08 52 11 00-0041	EA	44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	537.45	
		For Low-E Insulated Glass, Add	*51.80*	
		For Aluminum Clad Exterior, Add	*55.50*	
08 52 11 00-0042		46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0043	EA	20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	441.82	
		For Low-E Insulated Glass, Add	*41.76*	
		For Aluminum Clad Exterior, Add	*44.74*	
08 52 11 00-0044	EA	24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	465.38	
		For Low-E Insulated Glass, Add	*44.27*	
		For Aluminum Clad Exterior, Add	*47.43*	

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08 52 11 00-0045	EA	28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	488.92	
		For Low-E Insulated Glass, Add	*46.78*	
		For Aluminum Clad Exterior, Add	*50.12*	
08 52 11 00-0046	EA	30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	499.90	
		For Low-E Insulated Glass, Add	*47.92*	
		For Aluminum Clad Exterior, Add	*51.34*	
08 52 11 00-0047	EA	32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	512.49	
		For Low-E Insulated Glass, Add	*49.29*	
		For Aluminum Clad Exterior, Add	*52.81*	
08 52 11 00-0048	EA	34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	523.45	
		For Low-E Insulated Glass, Add	*50.43*	
		For Aluminum Clad Exterior, Add	*54.03*	
08 52 11 00-0049	EA	36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	536.05	
		For Low-E Insulated Glass, Add	*51.80*	
		For Aluminum Clad Exterior, Add	*55.50*	
08 52 11 00-0050	EA	40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	559.60	
		For Low-E Insulated Glass, Add	*54.31*	
		For Aluminum Clad Exterior, Add	*58.19*	
08 52 11 00-0051	EA	44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	584.80	
		For Low-E Insulated Glass, Add	*57.04*	
		For Aluminum Clad Exterior, Add	*61.12*	

08 52 11 00-0052 48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0053	EA	20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	453.01	
		For Low-E Insulated Glass, Add	*43.13*	
		For Aluminum Clad Exterior, Add	*46.21*	
08 52 11 00-0054	EA	24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	476.56	
		For Low-E Insulated Glass, Add	*45.64*	
		For Aluminum Clad Exterior, Add	*48.90*	
08 52 11 00-0055	EA	28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	498.48	
		For Low-E Insulated Glass, Add	*47.92*	
		For Aluminum Clad Exterior, Add	*51.34*	
08 52 11 00-0056	EA	30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	511.08	
		For Low-E Insulated Glass, Add	*49.29*	
		For Aluminum Clad Exterior, Add	*52.81*	
08 52 11 00-0057	EA	32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	522.05	
		For Low-E Insulated Glass, Add	*50.43*	
		For Aluminum Clad Exterior, Add	*54.03*	
08 52 11 00-0058	EA	34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	534.64	
		For Low-E Insulated Glass, Add	*51.80*	
		For Aluminum Clad Exterior, Add	*55.50*	
08 52 11 00-0059	EA	36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	545.60	
		For Low-E Insulated Glass, Add	*52.94*	
		For Aluminum Clad Exterior, Add	*56.72*	
08 52 11 00-0060	EA	40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	570.79	
		For Low-E Insulated Glass, Add	*55.68*	
		For Aluminum Clad Exterior, Add	*59.65*	
08 52 11 00-0061	EA	44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	594.36	
		For Low-E Insulated Glass, Add	*58.19*	
		For Aluminum Clad Exterior, Add	*62.34*	

08 52 11 00-0062 50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0063	EA	20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	466.78	
		For Low-E Insulated Glass, Add	*44.27*	
		For Aluminum Clad Exterior, Add	*47.43*	
08 52 11 00-0064	EA	24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	490.33	
		For Low-E Insulated Glass, Add	*46.78*	
		For Aluminum Clad Exterior, Add	*50.12*	
08 52 11 00-0065	EA	28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	513.90	
		For Low-E Insulated Glass, Add	*49.29*	
		For Aluminum Clad Exterior, Add	*52.81*	
08 52 11 00-0066	EA	30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	524.86	
		For Low-E Insulated Glass, Add	*50.43*	
		For Aluminum Clad Exterior, Add	*54.03*	
08 52 11 00-0067	EA	32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	537.45	
		For Low-E Insulated Glass, Add	*51.80*	
		For Aluminum Clad Exterior, Add	*55.50*	
08 52 11 00-0068	EA	34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	548.42	
		For Low-E Insulated Glass, Add	*52.94*	
		For Aluminum Clad Exterior, Add	*56.72*	
08 52 11 00-0069	EA	36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	561.01	
		For Low-E Insulated Glass, Add	*54.31*	
		For Aluminum Clad Exterior, Add	*58.19*	
08 52 11 00-0070	EA	40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	586.21	
		For Low-E Insulated Glass, Add	*57.04*	
		For Aluminum Clad Exterior, Add	*61.12*	
08 52 11 00-0071	EA	44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	609.76	
		For Low-E Insulated Glass, Add	*59.55*	
		For Aluminum Clad Exterior, Add	*63.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0072		54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0073	EA	20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	490.33	
		For Low-E Insulated Glass, Add	*46.78*	
		For Aluminum Clad Exterior, Add	*50.12*	
08 52 11 00-0074	EA	24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	513.90	
		For Low-E Insulated Glass, Add	*49.29*	
		For Aluminum Clad Exterior, Add	*52.81*	
08 52 11 00-0075	EA	28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	537.45	
		For Low-E Insulated Glass, Add	*51.80*	
		For Aluminum Clad Exterior, Add	*55.50*	
08 52 11 00-0076	EA	30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	548.42	
		For Low-E Insulated Glass, Add	*52.94*	
		For Aluminum Clad Exterior, Add	*56.72*	
08 52 11 00-0077	EA	32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	561.01	
		For Low-E Insulated Glass, Add	*54.31*	
		For Aluminum Clad Exterior, Add	*58.19*	
08 52 11 00-0078	EA	34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	573.61	
		For Low-E Insulated Glass, Add	*55.68*	
		For Aluminum Clad Exterior, Add	*59.65*	
08 52 11 00-0079	EA	36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	586.21	
		For Low-E Insulated Glass, Add	*57.04*	
		For Aluminum Clad Exterior, Add	*61.12*	
08 52 11 00-0080	EA	40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	609.76	
		For Low-E Insulated Glass, Add	*59.55*	
		For Aluminum Clad Exterior, Add	*63.81*	
08 52 11 00-0081	EA	44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	633.31	
		For Low-E Insulated Glass, Add	*62.06*	
		For Aluminum Clad Exterior, Add	*66.50*	
08 52 11 00-0082		58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0083	EA	20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	512.49	
		For Low-E Insulated Glass, Add	*49.29*	
		For Aluminum Clad Exterior, Add	*52.81*	
08 52 11 00-0084	EA	24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	536.05	
		For Low-E Insulated Glass, Add	*51.80*	
		For Aluminum Clad Exterior, Add	*55.50*	
08 52 11 00-0085	EA	28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	559.60	
		For Low-E Insulated Glass, Add	*54.31*	
		For Aluminum Clad Exterior, Add	*58.19*	
08 52 11 00-0086	EA	30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	572.20	
		For Low-E Insulated Glass, Add	*55.68*	
		For Aluminum Clad Exterior, Add	*59.65*	
08 52 11 00-0087	EA	32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	584.80	
		For Low-E Insulated Glass, Add	*57.04*	
		For Aluminum Clad Exterior, Add	*61.12*	
08 52 11 00-0088	EA	34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	595.76	
		For Low-E Insulated Glass, Add	*58.19*	
		For Aluminum Clad Exterior, Add	*62.34*	
08 52 11 00-0089	EA	36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	608.36	
		For Low-E Insulated Glass, Add	*59.55*	
		For Aluminum Clad Exterior, Add	*63.81*	
08 52 11 00-0090	EA	40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	631.90	
		For Low-E Insulated Glass, Add	*62.06*	
		For Aluminum Clad Exterior, Add	*66.50*	
08 52 11 00-0091	EA	44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	653.84	
		For Low-E Insulated Glass, Add	*64.35*	
		For Aluminum Clad Exterior, Add	*68.94*	
08 52 11 00-0092		60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0093	EA	20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	522.05	
		For Low-E Insulated Glass, Add	*50.43*	
		For Aluminum Clad Exterior, Add	*54.03*	
08 52 11 00-0094	EA	24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	545.60	
		For Low-E Insulated Glass, Add	*52.94*	
		For Aluminum Clad Exterior, Add	*56.72*	
08 52 11 00-0095	EA	28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	570.79	
		For Low-E Insulated Glass, Add	*55.68*	
		For Aluminum Clad Exterior, Add	*59.65*	
08 52 11 00-0096	EA	30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	583.39	
		For Low-E Insulated Glass, Add	*57.04*	
		For Aluminum Clad Exterior, Add	*61.12*	
08 52 11 00-0097	EA	32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	594.36	
		For Low-E Insulated Glass, Add	*58.19*	
		For Aluminum Clad Exterior, Add	*62.34*	
08 52 11 00-0098	EA	34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	606.95	
		For Low-E Insulated Glass, Add	*59.55*	
		For Aluminum Clad Exterior, Add	*63.81*	
08 52 11 00-0099	EA	36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	617.90	
		For Low-E Insulated Glass, Add	*60.69*	
		For Aluminum Clad Exterior, Add	*65.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0100	EA	40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	641.46	
		For Low-E Insulated Glass, Add	*63.20*	
		For Aluminum Clad Exterior, Add	*67.72*	
08 52 11 00-0101	EA	44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	665.03	
		For Low-E Insulated Glass, Add	*65.71*	
		For Aluminum Clad Exterior, Add	*70.41*	
08 52 11 00-0102		62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0103	EA	20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	537.45	
		For Low-E Insulated Glass, Add	*51.80*	
		For Aluminum Clad Exterior, Add	*55.50*	
08 52 11 00-0104	EA	24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	561.01	
		For Low-E Insulated Glass, Add	*54.31*	
		For Aluminum Clad Exterior, Add	*58.19*	
08 52 11 00-0105	EA	28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	586.21	
		For Low-E Insulated Glass, Add	*57.04*	
		For Aluminum Clad Exterior, Add	*61.12*	
08 52 11 00-0106	EA	30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	597.17	
		For Low-E Insulated Glass, Add	*58.19*	
		For Aluminum Clad Exterior, Add	*62.34*	
08 52 11 00-0107	EA	32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	609.76	
		For Low-E Insulated Glass, Add	*59.55*	
		For Aluminum Clad Exterior, Add	*63.81*	
08 52 11 00-0108	EA	34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	620.72	
		For Low-E Insulated Glass, Add	*60.69*	
		For Aluminum Clad Exterior, Add	*65.03*	
08 52 11 00-0109	EA	36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	633.31	
		For Low-E Insulated Glass, Add	*62.06*	
		For Aluminum Clad Exterior, Add	*66.50*	
08 52 11 00-0110	EA	40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	655.25	
		For Low-E Insulated Glass, Add	*64.35*	
		For Aluminum Clad Exterior, Add	*68.94*	
08 52 11 00-0111	EA	44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	678.80	
		For Low-E Insulated Glass, Add	*66.86*	
		For Aluminum Clad Exterior, Add	*71.63*	
08 52 11 00-0112		66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0113	EA	20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	561.01	
		For Low-E Insulated Glass, Add	*54.31*	
		For Aluminum Clad Exterior, Add	*58.19*	
08 52 11 00-0114	EA	24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	586.21	
		For Low-E Insulated Glass, Add	*57.04*	
		For Aluminum Clad Exterior, Add	*61.12*	
08 52 11 00-0115	EA	28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	609.76	
		For Low-E Insulated Glass, Add	*59.55*	
		For Aluminum Clad Exterior, Add	*63.81*	
08 52 11 00-0116	EA	30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	620.72	
		For Low-E Insulated Glass, Add	*60.69*	
		For Aluminum Clad Exterior, Add	*65.03*	
08 52 11 00-0117	EA	32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	633.31	
		For Low-E Insulated Glass, Add	*62.06*	
		For Aluminum Clad Exterior, Add	*66.50*	
08 52 11 00-0118	EA	34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	644.27	
		For Low-E Insulated Glass, Add	*63.20*	
		For Aluminum Clad Exterior, Add	*67.72*	
08 52 11 00-0119	EA	36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	655.25	
		For Low-E Insulated Glass, Add	*64.35*	
		For Aluminum Clad Exterior, Add	*68.94*	
08 52 11 00-0120	EA	40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	678.80	
		For Low-E Insulated Glass, Add	*66.86*	
		For Aluminum Clad Exterior, Add	*71.63*	
08 52 11 00-0121	EA	44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	702.36	
		For Low-E Insulated Glass, Add	*69.37*	
		For Aluminum Clad Exterior, Add	*74.32*	
08 52 11 00-0122		70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0123	EA	20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	584.80	
		For Low-E Insulated Glass, Add	*57.04*	
		For Aluminum Clad Exterior, Add	*61.12*	
08 52 11 00-0124	EA	24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	608.36	
		For Low-E Insulated Glass, Add	*59.55*	
		For Aluminum Clad Exterior, Add	*63.81*	
08 52 11 00-0125	EA	28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	631.90	
		For Low-E Insulated Glass, Add	*62.06*	
		For Aluminum Clad Exterior, Add	*66.50*	
08 52 11 00-0126	EA	30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	642.87	
		For Low-E Insulated Glass, Add	*63.20*	
		For Aluminum Clad Exterior, Add	*67.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0127	EA	32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	653.84	
		For Low-E Insulated Glass, Add	*64.35*	
		For Aluminum Clad Exterior, Add	*68.94*	
08 52 11 00-0128	EA	34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	671.27	
		For Low-E Insulated Glass, Add	*66.39*	
		For Aluminum Clad Exterior, Add	*71.13*	
08 52 11 00-0129	EA	36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	679.10	
		For Low-E Insulated Glass, Add	*67.09*	
		For Aluminum Clad Exterior, Add	*71.89*	
08 52 11 00-0130	EA	40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	700.95	
		For Low-E Insulated Glass, Add	*69.37*	
		For Aluminum Clad Exterior, Add	*74.32*	
08 52 11 00-0131	EA	44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	726.14	
		For Low-E Insulated Glass, Add	*72.10*	
		For Aluminum Clad Exterior, Add	*77.25*	
08 52 11 00-0132		74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0133	EA	20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	609.76	
		For Low-E Insulated Glass, Add	*59.55*	
		For Aluminum Clad Exterior, Add	*63.81*	
08 52 11 00-0134	EA	24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	633.31	
		For Low-E Insulated Glass, Add	*62.06*	
		For Aluminum Clad Exterior, Add	*66.50*	
08 52 11 00-0135	EA	28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	655.25	
		For Low-E Insulated Glass, Add	*64.35*	
		For Aluminum Clad Exterior, Add	*68.94*	
08 52 11 00-0136	EA	30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	667.84	
		For Low-E Insulated Glass, Add	*65.71*	
		For Aluminum Clad Exterior, Add	*70.41*	
08 52 11 00-0137	EA	32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	678.80	
		For Low-E Insulated Glass, Add	*66.86*	
		For Aluminum Clad Exterior, Add	*71.63*	
08 52 11 00-0138	EA	34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	691.40	
		For Low-E Insulated Glass, Add	*68.22*	
		For Aluminum Clad Exterior, Add	*73.10*	
08 52 11 00-0139	EA	36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	702.36	
		For Low-E Insulated Glass, Add	*69.37*	
		For Aluminum Clad Exterior, Add	*74.32*	
08 52 11 00-0140	EA	40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	727.56	
		For Low-E Insulated Glass, Add	*72.10*	
		For Aluminum Clad Exterior, Add	*77.25*	
08 52 11 00-0141	EA	44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	751.10	
		For Low-E Insulated Glass, Add	*74.61*	
		For Aluminum Clad Exterior, Add	*79.94*	
08 52 11 00-0142		78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0143	EA	20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	638.95	
		For Low-E Insulated Glass, Add	*62.06*	
		For Aluminum Clad Exterior, Add	*66.50*	
08 52 11 00-0144	EA	24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	660.87	
		For Low-E Insulated Glass, Add	*64.35*	
		For Aluminum Clad Exterior, Add	*68.94*	
08 52 11 00-0145	EA	28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	684.43	
		For Low-E Insulated Glass, Add	*66.86*	
		For Aluminum Clad Exterior, Add	*71.63*	
08 52 11 00-0146	EA	30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	697.02	
		For Low-E Insulated Glass, Add	*68.22*	
		For Aluminum Clad Exterior, Add	*73.10*	
08 52 11 00-0147	EA	32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	708.00	
		For Low-E Insulated Glass, Add	*69.37*	
		For Aluminum Clad Exterior, Add	*74.32*	
08 52 11 00-0148	EA	34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	720.59	
		For Low-E Insulated Glass, Add	*70.74*	
		For Aluminum Clad Exterior, Add	*75.79*	
08 52 11 00-0149	EA	36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	733.18	
		For Low-E Insulated Glass, Add	*72.10*	
		For Aluminum Clad Exterior, Add	*77.25*	
08 52 11 00-0150	EA	40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	756.73	
		For Low-E Insulated Glass, Add	*74.61*	
		For Aluminum Clad Exterior, Add	*79.94*	
08 52 11 00-0151	EA	44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	780.29	
		For Low-E Insulated Glass, Add	*77.12*	
		For Aluminum Clad Exterior, Add	*82.63*	
08 52 11 00-0152		Commercial And Institutional Heavy Double Hung Windows *(08 52 11)*		
		Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 11 00-0153	SF	Up To 21 SF Double Hung Wood Window With True Divided Lite	105.58	12.57
		For Insulating Glass, Add	*6.84*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0154	SF	21 To 40 SF Double Hung Wood Window With True Divided Lite	99.95	13.98
		For Insulating Glass, Add	*6.12*	
08 52 11 00-0155	SF	40 SF And Over Double Hung Wood Window With True Divided Lite	94.81	15.68
		For Insulating Glass, Add	*5.39*	
08 52 11 00-0156		Architectural And Historic Reproduction Wood Windows *(08 52 11)*		
		Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 11 00-0157	SF	Up To 21 SF Architectural And Historic Reproduction Wood Window	114.06	12.56
		For Insulating Glass, Add	*7.56*	
08 52 11 00-0158	SF	21 To 40 SF Architectural And Historic Reproduction Wood Window	104.53	13.97
		For Insulating Glass, Add	*6.51*	
08 52 11 00-0159	SF	40 SF And Over Architectural And Historic Reproduction Wood Window	97.49	15.67
		For Insulating Glass, Add	*5.62*	
08 52 11 00-0160		Removal And Reinstallation Of Wood Window And Frame *(08 52 11)*		
		Note: Includes storage, cleaning and supply materials.		
08 52 11 00-0161	SF	Removal And Reinstallation Of Wood Windows And Frames	23.52	
08 52 13		**Metal-Clad Wood Windows** *(08 52)*		
08 52 13 00-0001		Double Hung Metal Clad Windows *(08 52 13)*		
08 52 13 00-0002		Double Hung Metal Clad Windows *(08 52 13 00-0001)*		
		Note: Includes painted or stained wood interior, metal clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 13 00-0003		36-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*		
08 52 13 00-0004	EA	21-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	682.11	46.24
		For Tempered Low-E Insulated Glass, Add	*118.13*	
08 52 13 00-0005	EA	25-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	724.70	47.76
		For Tempered Low-E Insulated Glass, Add	*125.84*	
08 52 13 00-0006	EA	29-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	769.71	49.76
		For Tempered Low-E Insulated Glass, Add	*134.04*	
08 52 13 00-0007	EA	31-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	793.43	51.27
		For Tempered Low-E Insulated Glass, Add	*138.38*	
08 52 13 00-0008	EA	33-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	814.73	52.28
		For Tempered Low-E Insulated Glass, Add	*142.24*	
08 52 13 00-0009	EA	35-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	836.03	53.28
		For Tempered Low-E Insulated Glass, Add	*146.09*	
08 52 13 00-0010	EA	37-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	859.74	53.78
		For Tempered Low-E Insulated Glass, Add	*150.43*	
08 52 13 00-0011	EA	41-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	902.33	55.80
		For Tempered Low-E Insulated Glass, Add	*158.15*	
08 52 13 00-0012	EA	45-5/8" x 36-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	947.32	57.80
		For Tempered Low-E Insulated Glass, Add	*166.34*	
08 52 13 00-0013		40-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*		
08 52 13 00-0014	EA	21-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	724.70	48.26
		For Tempered Low-E Insulated Glass, Add	*125.84*	
08 52 13 00-0015	EA	25-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	769.71	49.76
		For Tempered Low-E Insulated Glass, Add	*134.04*	
08 52 13 00-0016	EA	29-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	814.73	51.78
		For Tempered Low-E Insulated Glass, Add	*142.24*	
08 52 13 00-0017	EA	31-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	836.03	53.28
		For Tempered Low-E Insulated Glass, Add	*146.09*	
08 52 13 00-0018	EA	33-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	859.74	54.29
		For Tempered Low-E Insulated Glass, Add	*150.43*	
08 52 13 00-0019	EA	35-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	881.03	55.29
		For Tempered Low-E Insulated Glass, Add	*154.29*	
08 52 13 00-0020	EA	37-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	902.33	55.80
		For Tempered Low-E Insulated Glass, Add	*158.15*	
08 52 13 00-0021	EA	41-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	947.32	57.80
		For Tempered Low-E Insulated Glass, Add	*166.34*	
08 52 13 00-0022	EA	45-5/8" x 40-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	992.32	59.82
		For Tempered Low-E Insulated Glass, Add	*174.54*	
08 52 13 00-0023		44-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*		
08 52 13 00-0024	EA	21-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	769.71	50.26
		For Tempered Low-E Insulated Glass, Add	*134.04*	
08 52 13 00-0025	EA	25-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	814.73	51.78
		For Tempered Low-E Insulated Glass, Add	*142.24*	
08 52 13 00-0026	EA	29-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	859.74	53.78
		For Tempered Low-E Insulated Glass, Add	*150.43*	
08 52 13 00-0027	EA	31-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	881.03	55.29
		For Tempered Low-E Insulated Glass, Add	*154.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0028	EA	33-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	902.33	56.30
		For Tempered Low-E Insulated Glass, Add	*158.15*	
08 52 13 00-0029	EA	35-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	926.02	57.30
		For Tempered Low-E Insulated Glass, Add	*162.48*	
08 52 13 00-0030	EA	37-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	947.32	57.80
		For Tempered Low-E Insulated Glass, Add	*166.34*	
08 52 13 00-0031	EA	41-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	992.32	59.82
		For Tempered Low-E Insulated Glass, Add	*174.54*	
08 52 13 00-0032	EA	45-5/8" x 44-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,037.34	61.82
		For Tempered Low-E Insulated Glass, Add	*182.74*	
08 52 13 00-0033		**48-7/8" Height, Double Hung Metal Clad Windows** *(08 52 13 00-0002)*		
08 52 13 00-0034	EA	21-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	814.73	52.28
		For Tempered Low-E Insulated Glass, Add	*142.24*	
08 52 13 00-0035	EA	25-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	859.74	53.78
		For Tempered Low-E Insulated Glass, Add	*150.43*	
08 52 13 00-0036	EA	29-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	902.33	55.80
		For Tempered Low-E Insulated Glass, Add	*158.15*	
08 52 13 00-0037	EA	31-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	926.02	57.30
		For Tempered Low-E Insulated Glass, Add	*162.48*	
08 52 13 00-0038	EA	33-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	947.32	58.31
		For Tempered Low-E Insulated Glass, Add	*166.34*	
08 52 13 00-0039	EA	35-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	968.61	59.31
		For Tempered Low-E Insulated Glass, Add	*170.20*	
08 52 13 00-0040	EA	37-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	992.32	59.82
		For Tempered Low-E Insulated Glass, Add	*174.54*	
08 52 13 00-0041	EA	41-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,037.34	61.82
		For Tempered Low-E Insulated Glass, Add	*182.74*	
08 52 13 00-0042	EA	45-5/8" x 48-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,079.94	63.84
		For Tempered Low-E Insulated Glass, Add	*190.45*	
08 52 13 00-0043		**52-7/8" Height, Double Hung Metal Clad Windows** *(08 52 13 00-0002)*		
08 52 13 00-0044	EA	21-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	859.74	54.29
		For Tempered Low-E Insulated Glass, Add	*150.43*	
08 52 13 00-0045	EA	25-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	902.33	55.80
		For Tempered Low-E Insulated Glass, Add	*158.15*	
08 52 13 00-0046	EA	29-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	947.32	57.80
		For Tempered Low-E Insulated Glass, Add	*166.34*	
08 52 13 00-0047	EA	31-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	968.61	59.31
		For Tempered Low-E Insulated Glass, Add	*170.20*	
08 52 13 00-0048	EA	33-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	992.32	60.32
		For Tempered Low-E Insulated Glass, Add	*174.54*	
08 52 13 00-0049	EA	35-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,013.62	61.33
		For Tempered Low-E Insulated Glass, Add	*178.40*	
08 52 13 00-0050	EA	37-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,037.34	61.82
		For Tempered Low-E Insulated Glass, Add	*182.74*	
08 52 13 00-0051	EA	41-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,079.94	63.84
		For Tempered Low-E Insulated Glass, Add	*190.45*	
08 52 13 00-0052	EA	45-5/8" x 52-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,124.94	65.84
		For Tempered Low-E Insulated Glass, Add	*198.65*	
08 52 13 00-0053		**56-7/8" Height, Double Hung Metal Clad Windows** *(08 52 13 00-0002)*		
08 52 13 00-0054	EA	21-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	902.33	56.30
		For Tempered Low-E Insulated Glass, Add	*158.15*	
08 52 13 00-0055	EA	25-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	947.32	57.80
		For Tempered Low-E Insulated Glass, Add	*166.34*	
08 52 13 00-0056	EA	29-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	992.32	59.82
		For Tempered Low-E Insulated Glass, Add	*174.54*	
08 52 13 00-0057	EA	31-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,013.62	61.33
		For Tempered Low-E Insulated Glass, Add	*178.40*	
08 52 13 00-0058	EA	33-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,037.34	62.33
		For Tempered Low-E Insulated Glass, Add	*182.74*	
08 52 13 00-0059	EA	35-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,058.63	63.33
		For Tempered Low-E Insulated Glass, Add	*186.59*	
08 52 13 00-0060	EA	37-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,079.94	63.84
		For Tempered Low-E Insulated Glass, Add	*190.45*	
08 52 13 00-0061	EA	41-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,124.94	65.84
		For Tempered Low-E Insulated Glass, Add	*198.65*	
08 52 13 00-0062	EA	45-5/8" x 56-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,169.93	67.86
		For Tempered Low-E Insulated Glass, Add	*206.84*	
08 52 13 00-0063		**60-7/8" Height, Double Hung Metal Clad Windows** *(08 52 13 00-0002)*		
08 52 13 00-0064	EA	21-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	947.32	58.31
		For Tempered Low-E Insulated Glass, Add	*166.34*	
08 52 13 00-0065	EA	25-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	992.32	59.82
		For Tempered Low-E Insulated Glass, Add	*174.54*	
08 52 13 00-0066	EA	29-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,037.34	61.82
		For Tempered Low-E Insulated Glass, Add	*182.74*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0067	EA	31-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,058.63	63.33
		For Tempered Low-E Insulated Glass, Add	*186.59*	
08 52 13 00-0068	EA	33-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,079.94	64.34
		For Tempered Low-E Insulated Glass, Add	*190.45*	
08 52 13 00-0069	EA	35-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,103.64	65.35
		For Tempered Low-E Insulated Glass, Add	*194.79*	
08 52 13 00-0070	EA	37-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,124.94	65.84
		For Tempered Low-E Insulated Glass, Add	*198.65*	
08 52 13 00-0071	EA	41-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,169.93	67.86
		For Tempered Low-E Insulated Glass, Add	*206.84*	
08 52 13 00-0072	EA	45-5/8" x 60-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,212.52	69.86
		For Tempered Low-E Insulated Glass, Add	*214.56*	

08 52 13 00-0073 64-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*

08 52 13 00-0074	EA	21-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	992.32	60.32
		For Tempered Low-E Insulated Glass, Add	*174.54*	
08 52 13 00-0075	EA	25-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,037.34	61.82
		For Tempered Low-E Insulated Glass, Add	*182.74*	
08 52 13 00-0076	EA	29-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,079.94	63.84
		For Tempered Low-E Insulated Glass, Add	*190.45*	
08 52 13 00-0077	EA	31-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,103.64	65.35
		For Tempered Low-E Insulated Glass, Add	*194.79*	
08 52 13 00-0078	EA	33-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,124.94	66.35
		For Tempered Low-E Insulated Glass, Add	*198.65*	
08 52 13 00-0079	EA	35-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,146.23	67.36
		For Tempered Low-E Insulated Glass, Add	*202.51*	
08 52 13 00-0080	EA	37-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,169.93	67.86
		For Tempered Low-E Insulated Glass, Add	*206.84*	
08 52 13 00-0081	EA	41-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,212.52	69.86
		For Tempered Low-E Insulated Glass, Add	*214.56*	
08 52 13 00-0082	EA	45-5/8" x 64-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,257.53	71.88
		For Tempered Low-E Insulated Glass, Add	*222.75*	

08 52 13 00-0083 68-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*

08 52 13 00-0084	EA	21-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,037.34	62.33
		For Tempered Low-E Insulated Glass, Add	*182.74*	
08 52 13 00-0085	EA	25-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,079.94	63.84
		For Tempered Low-E Insulated Glass, Add	*190.45*	
08 52 13 00-0086	EA	29-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,124.94	65.84
		For Tempered Low-E Insulated Glass, Add	*198.65*	
08 52 13 00-0087	EA	31-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,146.23	67.36
		For Tempered Low-E Insulated Glass, Add	*202.51*	
08 52 13 00-0088	EA	33-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,169.93	68.36
		For Tempered Low-E Insulated Glass, Add	*206.84*	
08 52 13 00-0089	EA	35-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,191.22	69.37
		For Tempered Low-E Insulated Glass, Add	*210.70*	
08 52 13 00-0090	EA	37-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,212.52	69.86
		For Tempered Low-E Insulated Glass, Add	*214.56*	
08 52 13 00-0091	EA	41-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,257.53	71.88
		For Tempered Low-E Insulated Glass, Add	*222.75*	
08 52 13 00-0092	EA	45-5/8" x 68-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,302.54	73.90
		For Tempered Low-E Insulated Glass, Add	*230.95*	

08 52 13 00-0093 72-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*

08 52 13 00-0094	EA	21-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,079.94	64.34
		For Tempered Low-E Insulated Glass, Add	*190.45*	
08 52 13 00-0095	EA	25-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,124.94	65.84
		For Tempered Low-E Insulated Glass, Add	*198.65*	
08 52 13 00-0096	EA	29-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,169.93	67.86
		For Tempered Low-E Insulated Glass, Add	*206.84*	
08 52 13 00-0097	EA	31-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,191.22	69.37
		For Tempered Low-E Insulated Glass, Add	*210.70*	
08 52 13 00-0098	EA	33-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,212.52	70.37
		For Tempered Low-E Insulated Glass, Add	*214.56*	
08 52 13 00-0099	EA	35-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,236.22	71.38
		For Tempered Low-E Insulated Glass, Add	*218.90*	
08 52 13 00-0100	EA	37-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,257.53	71.88
		For Tempered Low-E Insulated Glass, Add	*222.75*	
08 52 13 00-0101	EA	41-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,302.54	73.90
		For Tempered Low-E Insulated Glass, Add	*230.95*	
08 52 13 00-0102	EA	45-5/8" x 72-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,347.55	75.90
		For Tempered Low-E Insulated Glass, Add	*239.15*	

08 52 13 00-0103 76-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*

08 52 13 00-0104	EA	21-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,124.94	66.35
		For Tempered Low-E Insulated Glass, Add	*198.65*	
08 52 13 00-0105	EA	25-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,169.93	67.86
		For Tempered Low-E Insulated Glass, Add	*206.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0106	EA	29-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,212.52	69.86
		For Tempered Low-E Insulated Glass, Add	*214.56*	
08 52 13 00-0107	EA	31-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,236.22	71.38
		For Tempered Low-E Insulated Glass, Add	*218.90*	
08 52 13 00-0108	EA	33-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,257.53	72.38
		For Tempered Low-E Insulated Glass, Add	*222.75*	
08 52 13 00-0109	EA	35-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,281.24	73.39
		For Tempered Low-E Insulated Glass, Add	*227.09*	
08 52 13 00-0110	EA	37-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,302.54	73.90
		For Tempered Low-E Insulated Glass, Add	*230.95*	
08 52 13 00-0111	EA	41-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,347.55	75.90
		For Tempered Low-E Insulated Glass, Add	*239.15*	
08 52 13 00-0112	EA	45-5/8" x 76-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,390.14	77.92
		For Tempered Low-E Insulated Glass, Add	*246.86*	
08 52 13 00-0113		84-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*		
08 52 13 00-0114	EA	21-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,786.30	70.37
		For Tempered Low-E Insulated Glass, Add	*329.31*	
08 52 13 00-0115	EA	25-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,850.59	71.88
		For Tempered Low-E Insulated Glass, Add	*341.37*	
08 52 13 00-0116	EA	29-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,914.87	73.90
		For Tempered Low-E Insulated Glass, Add	*353.42*	
08 52 13 00-0117	EA	31-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,945.82	75.40
		For Tempered Low-E Insulated Glass, Add	*359.20*	
08 52 13 00-0118	EA	33-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,979.16	76.40
		For Tempered Low-E Insulated Glass, Add	*365.47*	
08 52 13 00-0119	EA	35-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,010.11	77.41
		For Tempered Low-E Insulated Glass, Add	*371.26*	
08 52 13 00-0120	EA	37-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,041.05	77.92
		For Tempered Low-E Insulated Glass, Add	*377.05*	
08 52 13 00-0121	EA	41-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,105.34	79.92
		For Tempered Low-E Insulated Glass, Add	*389.10*	
08 52 13 00-0122	EA	45-5/8" x 84-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,169.61	81.94
		For Tempered Low-E Insulated Glass, Add	*401.15*	
08 52 13 00-0123		88-7/8" Height, Double Hung Metal Clad Windows *(08 52 13 00-0002)*		
08 52 13 00-0124	EA	21-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,850.59	72.38
		For Tempered Low-E Insulated Glass, Add	*341.37*	
08 52 13 00-0125	EA	25-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,914.87	73.90
		For Tempered Low-E Insulated Glass, Add	*353.42*	
08 52 13 00-0126	EA	29-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,979.16	75.90
		For Tempered Low-E Insulated Glass, Add	*365.47*	
08 52 13 00-0127	EA	31-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,010.11	77.41
		For Tempered Low-E Insulated Glass, Add	*371.26*	
08 52 13 00-0128	EA	33-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,041.05	78.41
		For Tempered Low-E Insulated Glass, Add	*377.05*	
08 52 13 00-0129	EA	35-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,074.41	79.42
		For Tempered Low-E Insulated Glass, Add	*383.31*	
08 52 13 00-0130	EA	37-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,105.34	79.92
		For Tempered Low-E Insulated Glass, Add	*389.10*	
08 52 13 00-0131	EA	41-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,169.61	81.94
		For Tempered Low-E Insulated Glass, Add	*401.15*	
08 52 13 00-0132	EA	45-5/8" x 88-7/8" Double Hung Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,233.91	83.94
		For Tempered Low-E Insulated Glass, Add	*413.21*	
08 52 13 00-0133		Casement Metal Clad Windows *(08 52 13)*		
08 52 13 00-0134		Casement Metal Clad Windows *(08 52 13 00-0133)*		
		Note: Includes painted or stained wood interior, metal clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 13 00-0135		One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0134)*		
08 52 13 00-0136		24-1/8" Height, One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0135)*		
08 52 13 00-0137	EA	17" x 24-1/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	432.02	38.20
		For Tempered Low-E Insulated Glass, Add	*71.32*	
08 52 13 00-0138	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	457.17	39.21
		For Tempered Low-E Insulated Glass, Add	*75.75*	
08 52 13 00-0139	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	485.15	41.22
		For Tempered Low-E Insulated Glass, Add	*80.54*	
08 52 13 00-0140	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	510.91	43.23
		For Tempered Low-E Insulated Glass, Add	*84.89*	
08 52 13 00-0141		28-3/8" Height, One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0135)*		
08 52 13 00-0142	EA	17" x 28-3/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	463.69	40.21
		For Tempered Low-E Insulated Glass, Add	*76.85*	
08 52 13 00-0143	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	488.84	41.22
		For Tempered Low-E Insulated Glass, Add	*81.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0144	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	516.84	43.23
		For Tempered Low-E Insulated Glass, Add	*86.08*	
08 52 13 00-0145	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	530.32	45.24
		For Tempered Low-E Insulated Glass, Add	*87.97*	
08 52 13 00-0146	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	563.05	47.25
		For Tempered Low-E Insulated Glass, Add	*93.91*	
08 52 13 00-0147		35-15/16" Height, One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0135)*		
08 52 13 00-0148	EA	17" x 35-15/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	520.51	43.23
		For Tempered Low-E Insulated Glass, Add	*86.81*	
08 52 13 00-0149	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	547.49	45.24
		For Tempered Low-E Insulated Glass, Add	*91.60*	
08 52 13 00-0150	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	575.50	46.75
		For Tempered Low-E Insulated Glass, Add	*96.40*	
08 52 13 00-0151	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	620.09	48.75
		For Tempered Low-E Insulated Glass, Add	*104.51*	
08 52 13 00-0152	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	662.66	50.26
		For Tempered Low-E Insulated Glass, Add	*112.43*	
08 52 13 00-0153	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	704.37	51.27
		For Tempered Low-E Insulated Glass, Add	*120.37*	
08 52 13 00-0154		40-13/16" Height, One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0135)*		
08 52 13 00-0155	EA	17" x 40-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	558.73	46.24
		For Tempered Low-E Insulated Glass, Add	*93.45*	
08 52 13 00-0156	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	583.87	47.25
		For Tempered Low-E Insulated Glass, Add	*97.87*	
08 52 13 00-0157	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	611.86	49.26
		For Tempered Low-E Insulated Glass, Add	*102.67*	
08 52 13 00-0158	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	676.73	51.27
		For Tempered Low-E Insulated Glass, Add	*114.84*	
08 52 13 00-0159	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	721.38	53.28
		For Tempered Low-E Insulated Glass, Add	*123.16*	
08 52 13 00-0160	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	763.06	55.29
		For Tempered Low-E Insulated Glass, Add	*130.70*	
08 52 13 00-0161		48" Height, One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0135)*		
08 52 13 00-0162	EA	17" x 48", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	612.86	50.26
		For Tempered Low-E Insulated Glass, Add	*102.67*	
08 52 13 00-0163	EA	20-1/2" x 48", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	639.85	51.27
		For Tempered Low-E Insulated Glass, Add	*107.46*	
08 52 13 00-0164	EA	24-1/8" x 48", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	667.85	53.28
		For Tempered Low-E Insulated Glass, Add	*112.26*	
08 52 13 00-0165	EA	28-3/8" x 48", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	757.59	55.29
		For Tempered Low-E Insulated Glass, Add	*129.40*	
08 52 13 00-0166	EA	31-1/2" x 48", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	792.43	57.30
		For Tempered Low-E Insulated Glass, Add	*135.77*	
08 52 13 00-0167	EA	35-15/16" x 48", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	844.83	59.31
		For Tempered Low-E Insulated Glass, Add	*145.44*	
08 52 13 00-0168		52-13/16" Height, One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0135)*		
08 52 13 00-0169	EA	17" x 52-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	650.07	52.28
		For Tempered Low-E Insulated Glass, Add	*109.30*	
08 52 13 00-0170	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	675.22	53.28
		For Tempered Low-E Insulated Glass, Add	*113.73*	
08 52 13 00-0171	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	703.22	55.29
		For Tempered Low-E Insulated Glass, Add	*118.53*	
08 52 13 00-0172	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	814.17	57.30
		For Tempered Low-E Insulated Glass, Add	*139.91*	
08 52 13 00-0173	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	866.48	59.31
		For Tempered Low-E Insulated Glass, Add	*149.77*	
08 52 13 00-0174	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	900.49	61.33
		For Tempered Low-E Insulated Glass, Add	*155.77*	
08 52 13 00-0175		59-7/8" Height, One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0135)*		
08 52 13 00-0176	EA	17" x 59-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	703.22	55.29
		For Tempered Low-E Insulated Glass, Add	*118.53*	
08 52 13 00-0177	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	730.20	57.30
		For Tempered Low-E Insulated Glass, Add	*123.32*	
08 52 13 00-0178	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	758.17	58.81
		For Tempered Low-E Insulated Glass, Add	*128.11*	
08 52 13 00-0179	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	894.95	60.83
		For Tempered Low-E Insulated Glass, Add	*154.66*	
08 52 13 00-0180	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	931.87	62.33
		For Tempered Low-E Insulated Glass, Add	*161.44*	
08 52 13 00-0181	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	981.26	64.34
		For Tempered Low-E Insulated Glass, Add	*170.52*	

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0182			64-13/16" Height, One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0135)*		
08 52 13 00-0183		EA	17" x 64-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	741.42	58.31
			For Tempered Low-E Insulated Glass, Add	*125.16*	
08 52 13 00-0184		EA	20-1/2" x 64-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	766.57	59.31
			For Tempered Low-E Insulated Glass, Add	*129.59*	
08 52 13 00-0185		EA	24-1/8" x 64-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	794.56	61.33
			For Tempered Low-E Insulated Glass, Add	*134.38*	
08 52 13 00-0186		EA	28-3/8" x 64-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	951.60	63.33
			For Tempered Low-E Insulated Glass, Add	*164.99*	
08 52 13 00-0187		EA	31-1/2" x 64-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	985.89	65.35
			For Tempered Low-E Insulated Glass, Add	*171.24*	
08 52 13 00-0188		EA	35-15/16" x 64-13/16", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,037.92	67.36
			For Tempered Low-E Insulated Glass, Add	*180.84*	
08 52 13 00-0189			71-7/8" Height, One Operating Sash, Casement Metal Clad Windows *(08 52 13 00-0135)*		
08 52 13 00-0190		EA	17" x 71-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	794.56	61.33
			For Tempered Low-E Insulated Glass, Add	*134.38*	
08 52 13 00-0191		EA	20-1/2" x 71-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	821.52	63.33
			For Tempered Low-E Insulated Glass, Add	*139.17*	
08 52 13 00-0192		EA	24-1/8" x 71-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	849.52	64.85
			For Tempered Low-E Insulated Glass, Add	*143.97*	
08 52 13 00-0193		EA	28-3/8" x 71-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,032.39	66.85
			For Tempered Low-E Insulated Glass, Add	*179.74*	
08 52 13 00-0194		EA	31-1/2" x 71-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,074.61	68.36
			For Tempered Low-E Insulated Glass, Add	*187.58*	
08 52 13 00-0195		EA	35-15/16" x 71-7/8", One Operating Sash, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,118.72	70.37
			For Tempered Low-E Insulated Glass, Add	*195.59*	
08 52 13 00-0196			Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0134)*		
08 52 13 00-0197			24-1/8" Height, Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0196)*		
08 52 13 00-0198		EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	781.39	49.26
			For Tempered Low-E Insulated Glass, Add	*136.57*	
08 52 13 00-0199		EA	48" x 24-1/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	889.28	53.28
			For Tempered Low-E Insulated Glass, Add	*156.54*	
08 52 13 00-0200		EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,014.51	57.30
			For Tempered Low-E Insulated Glass, Add	*179.98*	
08 52 13 00-0201			28-3/8" Height, Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0196)*		
08 52 13 00-0202		EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	843.91	51.27
			For Tempered Low-E Insulated Glass, Add	*148.27*	
08 52 13 00-0203		EA	48" x 28-3/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	951.80	55.29
			For Tempered Low-E Insulated Glass, Add	*168.24*	
08 52 13 00-0204		EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,077.04	59.31
			For Tempered Low-E Insulated Glass, Add	*191.68*	
08 52 13 00-0205			35-15/16" Height, Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0196)*		
08 52 13 00-0206		EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	836.06	51.27
			For Tempered Low-E Insulated Glass, Add	*146.70*	
08 52 13 00-0207		EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	946.36	55.29
			For Tempered Low-E Insulated Glass, Add	*167.36*	
08 52 13 00-0208		EA	48" x 35-15/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,061.34	59.31
			For Tempered Low-E Insulated Glass, Add	*188.74*	
08 52 13 00-0209		EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,194.75	62.83
			For Tempered Low-E Insulated Glass, Add	*213.82*	
08 52 13 00-0210		EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,283.98	65.84
			For Tempered Low-E Insulated Glass, Add	*230.46*	
08 52 13 00-0211		EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,432.94	70.37
			For Tempered Low-E Insulated Glass, Add	*258.44*	
08 52 13 00-0212			40-13/16" Height, Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0196)*		
08 52 13 00-0213		EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	913.01	53.78
			For Tempered Low-E Insulated Glass, Add	*161.09*	
08 52 13 00-0214		EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,023.29	57.30
			For Tempered Low-E Insulated Glass, Add	*181.74*	
08 52 13 00-0215		EA	48" x 40-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,138.26	61.33
			For Tempered Low-E Insulated Glass, Add	*203.12*	
08 52 13 00-0216		EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,271.69	65.35
			For Tempered Low-E Insulated Glass, Add	*228.20*	
08 52 13 00-0217		EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,370.71	68.36
			For Tempered Low-E Insulated Glass, Add	*246.80*	
08 52 13 00-0218		EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,791.96	72.89
			For Tempered Low-E Insulated Glass, Add	*329.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0219		48" Height, Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0196)*		
08 52 13 00-0220	EA	33-3/4" x 48", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,026.15	57.80
		For Tempered Low-E Insulated Glass, Add	*182.11*	
08 52 13 00-0221	EA	40-3/4" x 48", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,138.26	61.33
		For Tempered Low-E Insulated Glass, Add	*203.12*	
08 52 13 00-0222	EA	48" x 48", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,253.26	65.35
		For Tempered Low-E Insulated Glass, Add	*224.51*	
08 52 13 00-0223	EA	56-1/2" x 48", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,386.67	69.37
		For Tempered Low-E Insulated Glass, Add	*249.59*	
08 52 13 00-0224	EA	62-3/4" x 48", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,481.43	72.38
		For Tempered Low-E Insulated Glass, Add	*267.33*	
08 52 13 00-0225	EA	71-5/8" x 48", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,624.83	76.91
		For Tempered Low-E Insulated Glass, Add	*294.20*	
08 52 13 00-0226		52-13/16" Height, Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0196)*		
08 52 13 00-0227	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,102.06	59.82
		For Tempered Low-E Insulated Glass, Add	*196.49*	
08 52 13 00-0228	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,212.36	63.33
		For Tempered Low-E Insulated Glass, Add	*217.14*	
08 52 13 00-0229	EA	48" x 52-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,313.65	67.36
		For Tempered Low-E Insulated Glass, Add	*235.79*	
08 52 13 00-0230	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,460.75	71.38
		For Tempered Low-E Insulated Glass, Add	*263.60*	
08 52 13 00-0231	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,560.13	74.39
		For Tempered Low-E Insulated Glass, Add	*282.27*	
08 52 13 00-0232	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,700.77	78.91
		For Tempered Low-E Insulated Glass, Add	*308.59*	
08 52 13 00-0233		59-7/8" Height, Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0196)*		
08 52 13 00-0234	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,214.20	63.33
		For Tempered Low-E Insulated Glass, Add	*217.51*	
08 52 13 00-0235	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,324.46	67.36
		For Tempered Low-E Insulated Glass, Add	*238.15*	
08 52 13 00-0236	EA	48" x 59-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,439.46	71.38
		For Tempered Low-E Insulated Glass, Add	*259.54*	
08 52 13 00-0237	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,572.89	74.89
		For Tempered Low-E Insulated Glass, Add	*284.62*	
08 52 13 00-0238	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,672.25	77.92
		For Tempered Low-E Insulated Glass, Add	*303.29*	
08 52 13 00-0239	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,811.06	82.44
		For Tempered Low-E Insulated Glass, Add	*329.24*	
08 52 13 00-0240		64-13/16" Height, Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0196)*		
08 52 13 00-0241	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,291.12	65.84
		For Tempered Low-E Insulated Glass, Add	*231.88*	
08 52 13 00-0242	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,401.41	69.37
		For Tempered Low-E Insulated Glass, Add	*252.54*	
08 52 13 00-0243	EA	48" x 64-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,518.22	73.39
		For Tempered Low-E Insulated Glass, Add	*274.29*	
08 52 13 00-0244	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,651.66	77.41
		For Tempered Low-E Insulated Glass, Add	*299.37*	
08 52 13 00-0245		71-7/8" Height, Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0196)*		
08 52 13 00-0246	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,403.25	69.37
		For Tempered Low-E Insulated Glass, Add	*252.90*	
08 52 13 00-0247	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,513.55	73.39
		For Tempered Low-E Insulated Glass, Add	*273.56*	
08 52 13 00-0248	EA	48" x 71-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,628.53	77.41
		For Tempered Low-E Insulated Glass, Add	*294.94*	
08 52 13 00-0249	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,761.94	80.93
		For Tempered Low-E Insulated Glass, Add	*320.02*	
08 52 13 00-0250		One Stationary Sash And Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0134)*		
08 52 13 00-0251		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0250)*		
08 52 13 00-0252	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,245.01	64.85
		For Tempered Low-E Insulated Glass, Add	*223.07*	
08 52 13 00-0253	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,450.02	71.38
		For Tempered Low-E Insulated Glass, Add	*261.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0254		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0250)*		
08 52 13 00-0255	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,322.08	66.85
		For Tempered Low-E Insulated Glass, Add	*237.68*	
08 52 13 00-0256	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,513.40	73.39
		For Tempered Low-E Insulated Glass, Add	*273.33*	
08 52 13 00-0257		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0250)*		
08 52 13 00-0258	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,272.06	65.35
		For Tempered Low-E Insulated Glass, Add	*228.27*	
08 52 13 00-0259	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,436.61	70.37
		For Tempered Low-E Insulated Glass, Add	*259.17*	
08 52 13 00-0260	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,639.60	77.41
		For Tempered Low-E Insulated Glass, Add	*297.16*	
08 52 13 00-0261		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0250)*		
08 52 13 00-0262	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,345.24	68.36
		For Tempered Low-E Insulated Glass, Add	*241.90*	
08 52 13 00-0263	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,515.38	72.89
		For Tempered Low-E Insulated Glass, Add	*273.92*	
08 52 13 00-0264	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,716.50	79.42
		For Tempered Low-E Insulated Glass, Add	*311.53*	
08 52 13 00-0265		48" Height, One Stationary Sash And Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0250)*		
08 52 13 00-0266	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,628.53	76.91
		For Tempered Low-E Insulated Glass, Add	*294.94*	
08 52 13 00-0267	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,829.66	83.44
		For Tempered Low-E Insulated Glass, Add	*332.55*	
08 52 13 00-0268		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0250)*		
08 52 13 00-0269	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,704.47	78.91
		For Tempered Low-E Insulated Glass, Add	*309.33*	
08 52 13 00-0270	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,905.60	85.45
		For Tempered Low-E Insulated Glass, Add	*346.94*	
08 52 13 00-0271		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Metal Clad Windows *(08 52 13 00-0250)*		
08 52 13 00-0272	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,814.74	82.44
		For Tempered Low-E Insulated Glass, Add	*329.97*	
08 52 13 00-0273	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,017.72	89.47
		For Tempered Low-E Insulated Glass, Add	*367.96*	
08 52 13 00-0274		Awning Metal Clad Windows *(08 52 13)*		
08 52 13 00-0275		Awning Metal Clad Windows *(08 52 13 00-0274)* Note: Includes painted or stained wood interior, metal clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 13 00-0276		Venting, Awning Metal Clad Windows *(08 52 13 00-0275)*		
08 52 13 00-0277		17" Height, Venting, Awning Metal Clad Windows *(08 52 13 00-0276)*		
08 52 13 00-0278	EA	24-1/8" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	467.58	41.22
		For Tempered Low-E Insulated Glass, Add	*77.03*	
08 52 13 00-0279	EA	28-3/8" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	501.08	43.23
		For Tempered Low-E Insulated Glass, Add	*82.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0280	EA	31-1/2" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	528.62	44.73
		For Tempered Low-E Insulated Glass, Add	*87.83*	
08 52 13 00-0281	EA	35-15/16" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	563.44	46.75
		For Tempered Low-E Insulated Glass, Add	*93.99*	
08 52 13 00-0282	EA	40-13/16" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	603.50	49.26
		For Tempered Low-E Insulated Glass, Add	*101.00*	
08 52 13 00-0283	EA	48" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	665.01	53.28
		For Tempered Low-E Insulated Glass, Add	*111.69*	
08 52 13 00-0284	EA	52-13/16" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	704.07	55.29
		For Tempered Low-E Insulated Glass, Add	*118.70*	
08 52 13 00-0285	EA	59-7/8" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	760.88	59.31
		For Tempered Low-E Insulated Glass, Add	*128.65*	
08 52 13 00-0286	EA	64-13/16" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	781.68	61.33
		For Tempered Low-E Insulated Glass, Add	*131.81*	
08 52 13 00-0287	EA	71-7/8" x 17", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	837.87	64.85
		For Tempered Low-E Insulated Glass, Add	*141.64*	

08 52 13 00-0288 20-1/2" Height, Venting, Awning Metal Clad Windows *(08 52 13 00-0276)*

08 52 13 00-0289	EA	24-1/8" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	493.62	43.23
		For Tempered Low-E Insulated Glass, Add	*81.63*	
08 52 13 00-0290	EA	28-3/8" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	529.93	45.24
		For Tempered Low-E Insulated Glass, Add	*88.09*	
08 52 13 00-0291	EA	31-1/2" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	553.52	46.24
		For Tempered Low-E Insulated Glass, Add	*92.21*	
08 52 13 00-0292	EA	35-15/16" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	592.26	48.26
		For Tempered Low-E Insulated Glass, Add	*99.15*	
08 52 13 00-0293	EA	40-13/16" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	632.33	51.27
		For Tempered Low-E Insulated Glass, Add	*106.16*	
08 52 13 00-0294	EA	48" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	691.99	54.79
		For Tempered Low-E Insulated Glass, Add	*116.48*	
08 52 13 00-0295	EA	52-13/16" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	731.05	57.30
		For Tempered Low-E Insulated Glass, Add	*123.49*	
08 52 13 00-0296	EA	59-7/8" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	789.70	60.32
		For Tempered Low-E Insulated Glass, Add	*133.81*	
08 52 13 00-0297	EA	64-13/16" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	808.37	63.33
		For Tempered Low-E Insulated Glass, Add	*136.54*	
08 52 13 00-0298	EA	71-7/8" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	866.38	66.35
		For Tempered Low-E Insulated Glass, Add	*146.74*	
08 52 13 00-0299	EA	84-5/8" x 20-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,347.69	73.39
		For Tempered Low-E Insulated Glass, Add	*240.38*	

08 52 13 00-0300 24-1/8" Height, Venting, Awning Metal Clad Windows *(08 52 13 00-0276)*

08 52 13 00-0301	EA	24-1/8" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	526.23	45.24
		For Tempered Low-E Insulated Glass, Add	*87.35*	
08 52 13 00-0302	EA	28-3/8" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	559.77	47.25
		For Tempered Low-E Insulated Glass, Add	*93.25*	
08 52 13 00-0303	EA	31-1/2" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	699.06	48.26
		For Tempered Low-E Insulated Glass, Add	*120.51*	
08 52 13 00-0304	EA	35-15/16" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	747.48	50.26
		For Tempered Low-E Insulated Glass, Add	*129.39*	
08 52 13 00-0305	EA	40-13/16" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	662.16	53.28
		For Tempered Low-E Insulated Glass, Add	*111.32*	
08 52 13 00-0306	EA	48" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	723.68	56.80
		For Tempered Low-E Insulated Glass, Add	*122.02*	
08 52 13 00-0307	EA	52-13/16" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	762.71	59.31
		For Tempered Low-E Insulated Glass, Add	*129.02*	
08 52 13 00-0308	EA	59-7/8" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	821.40	62.33
		For Tempered Low-E Insulated Glass, Add	*139.35*	
08 52 13 00-0309	EA	64-13/16" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	837.87	65.35
		For Tempered Low-E Insulated Glass, Add	*141.64*	
08 52 13 00-0310	EA	71-7/8" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	893.99	68.36
		For Tempered Low-E Insulated Glass, Add	*151.45*	
08 52 13 00-0311	EA	84-5/8" x 24-1/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,418.96	75.40
		For Tempered Low-E Insulated Glass, Add	*253.83*	

08 52 13 00-0312 28-3/8" Height, Venting, Awning Metal Clad Windows *(08 52 13 00-0276)*

08 52 13 00-0313	EA	24-1/8" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	524.73	47.25
		For Tempered Low-E Insulated Glass, Add	*86.25*	
08 52 13 00-0314	EA	28-3/8" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	691.46	49.26
		For Tempered Low-E Insulated Glass, Add	*118.79*	
08 52 13 00-0315	EA	31-1/2" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	732.40	50.26
		For Tempered Low-E Insulated Glass, Add	*126.37*	
08 52 13 00-0316	EA	35-15/16" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	672.22	52.28
		For Tempered Low-E Insulated Glass, Add	*113.53*	
08 52 13 00-0317	EA	40-13/16" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	734.40	55.29
		For Tempered Low-E Insulated Glass, Add	*124.96*	
08 52 13 00-0318	EA	48" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	825.40	58.81
		For Tempered Low-E Insulated Glass, Add	*141.56*	
08 52 13 00-0319	EA	52-13/16" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	884.74	61.33
		For Tempered Low-E Insulated Glass, Add	*152.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0320	EA	59-7/8" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	974.76	64.34
		For Tempered Low-E Insulated Glass, Add	*169.22*	
08 52 13 00-0321	EA	64-13/16" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,007.54	67.36
		For Tempered Low-E Insulated Glass, Add	*174.77*	
08 52 13 00-0322	EA	71-7/8" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,094.68	70.37
		For Tempered Low-E Insulated Glass, Add	*190.79*	
08 52 13 00-0323	EA	84-5/8" x 28-3/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,457.51	77.41
		For Tempered Low-E Insulated Glass, Add	*260.74*	
08 52 13 00-0324		**31-1/2" Height, Venting, Awning Metal Clad Windows** *(08 52 13 00-0276)*		
08 52 13 00-0325	EA	28-3/8" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	610.03	50.26
		For Tempered Low-E Insulated Glass, Add	*101.90*	
08 52 13 00-0326	EA	31-1/2" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	645.89	51.78
		For Tempered Low-E Insulated Glass, Add	*108.47*	
08 52 13 00-0327	EA	35-15/16" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	695.26	53.78
		For Tempered Low-E Insulated Glass, Add	*117.54*	
08 52 13 00-0328	EA	40-13/16" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	750.31	56.30
		For Tempered Low-E Insulated Glass, Add	*127.54*	
08 52 13 00-0329	EA	48" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	830.29	60.32
		For Tempered Low-E Insulated Glass, Add	*141.93*	
08 52 13 00-0330	EA	52-13/16" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	885.92	62.33
		For Tempered Low-E Insulated Glass, Add	*152.25*	
08 52 13 00-0331	EA	59-7/8" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	964.88	66.35
		For Tempered Low-E Insulated Glass, Add	*166.64*	
08 52 13 00-0332	EA	64-13/16" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,019.96	68.36
		For Tempered Low-E Insulated Glass, Add	*176.65*	
08 52 13 00-0333	EA	71-7/8" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,100.47	71.88
		For Tempered Low-E Insulated Glass, Add	*191.34*	
08 52 13 00-0334	EA	84-5/8" x 31-1/2", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,555.61	78.41
		For Tempered Low-E Insulated Glass, Add	*279.76*	
08 52 13 00-0335		**35-15/16" Height, Venting, Awning Metal Clad Windows** *(08 52 13 00-0276)*		
08 52 13 00-0336	EA	31-1/2" x 35-15/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	695.26	53.78
		For Tempered Low-E Insulated Glass, Add	*117.54*	
08 52 13 00-0337	EA	35-15/16" x 35-15/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	765.92	55.80
		For Tempered Low-E Insulated Glass, Add	*130.87*	
08 52 13 00-0338	EA	40-13/16" x 35-15/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	828.09	58.31
		For Tempered Low-E Insulated Glass, Add	*142.30*	
08 52 13 00-0339	EA	48" x 35-15/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	919.10	62.33
		For Tempered Low-E Insulated Glass, Add	*158.89*	
08 52 13 00-0340	EA	52-13/16" x 35-15/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	980.27	64.34
		For Tempered Low-E Insulated Glass, Add	*170.32*	
08 52 13 00-0341	EA	59-7/8" x 35-15/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,068.44	68.36
		For Tempered Low-E Insulated Glass, Add	*186.54*	
08 52 13 00-0342	EA	64-13/16" x 35-15/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	929.04	70.37
		For Tempered Low-E Insulated Glass, Add	*157.66*	
08 52 13 00-0343	EA	71-7/8" x 35-15/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	997.95	73.90
		For Tempered Low-E Insulated Glass, Add	*170.03*	
08 52 13 00-0344		**40-3/4" Height, Venting, Awning Metal Clad Windows** *(08 52 13 00-0276)*		
08 52 13 00-0345	EA	35-15/16" x 40-3/4", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	812.00	58.31
		For Tempered Low-E Insulated Glass, Add	*140.08*	
08 52 13 00-0346	EA	40-13/16" x 40-3/4", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	924.63	62.33
		For Tempered Low-E Insulated Glass, Add	*159.99*	
08 52 13 00-0347		**48" Height, Venting, Awning Metal Clad Windows** *(08 52 13 00-0276)*		
08 52 13 00-0348	EA	35-15/16" x 48", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	974.41	62.33
		For Tempered Low-E Insulated Glass, Add	*169.95*	
08 52 13 00-0349	EA	40-13/16" x 48", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,080.83	65.35
		For Tempered Low-E Insulated Glass, Add	*190.23*	
08 52 13 00-0350	EA	48" x 48", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,236.38	68.87
		For Tempered Low-E Insulated Glass, Add	*219.73*	
08 52 13 00-0351		**59-13/16" Height, Venting, Awning Metal Clad Windows** *(08 52 13 00-0276)*		
08 52 13 00-0352	EA	35-15/16" x 59-13/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,210.02	67.86
		For Tempered Low-E Insulated Glass, Add	*214.86*	
08 52 13 00-0353	EA	40-13/16" x 59-13/16", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,303.11	70.37
		For Tempered Low-E Insulated Glass, Add	*232.47*	
08 52 13 00-0354		**71-7/8" Height, Venting, Awning Metal Clad Windows** *(08 52 13 00-0276)*		
08 52 13 00-0355	EA	24-1/8" x 71-7/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,325.50	68.36
		For Tempered Low-E Insulated Glass, Add	*237.75*	
08 52 13 00-0356	EA	35-15/16" x 71-7/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,370.16	73.90
		For Tempered Low-E Insulated Glass, Add	*244.48*	
08 52 13 00-0357	EA	40-13/16" x 71-7/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,518.45	76.40
		For Tempered Low-E Insulated Glass, Add	*273.13*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0358	EA	48" x 71-7/8", Venting, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,669.38	80.43
		For Tempered Low-E Insulated Glass, Add	*301.71*	
08 52 13 00-0359		**Stationary, Awning Metal Clad Windows** *(08 52 13 00-0275)*		
08 52 13 00-0360		**17" Height, Stationary, Awning Metal Clad Windows** *(08 52 13 00-0359)*		
08 52 13 00-0361	EA	24-1/8" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	410.41	41.22
		For Tempered Low-E Insulated Glass, Add	*65.59*	
08 52 13 00-0362	EA	28-3/8" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	442.10	43.23
		For Tempered Low-E Insulated Glass, Add	*71.13*	
08 52 13 00-0363	EA	31-1/2" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	462.92	44.73
		For Tempered Low-E Insulated Glass, Add	*74.69*	
08 52 13 00-0364	EA	35-15/16" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	497.08	46.75
		For Tempered Low-E Insulated Glass, Add	*80.72*	
08 52 13 00-0365	EA	40-13/16" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	533.44	49.26
		For Tempered Low-E Insulated Glass, Add	*86.98*	
08 52 13 00-0366	EA	48" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	589.41	53.28
		For Tempered Low-E Insulated Glass, Add	*96.57*	
08 52 13 00-0367	EA	52-13/16" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	622.94	55.29
		For Tempered Low-E Insulated Glass, Add	*102.47*	
08 52 13 00-0368	EA	59-7/8" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	676.06	59.31
		For Tempered Low-E Insulated Glass, Add	*111.69*	
08 52 13 00-0369	EA	64-13/16" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	712.43	61.33
		For Tempered Low-E Insulated Glass, Add	*117.96*	
08 52 13 00-0370	EA	71-7/8" x 17", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	765.57	64.85
		For Tempered Low-E Insulated Glass, Add	*127.18*	
08 52 13 00-0371		**20-1/2" Height, Stationary, Awning Metal Clad Windows** *(08 52 13 00-0359)*		
08 52 13 00-0372	EA	24-1/8" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	435.55	43.23
		For Tempered Low-E Insulated Glass, Add	*70.02*	
08 52 13 00-0373	EA	28-3/8" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	467.22	45.24
		For Tempered Low-E Insulated Glass, Add	*75.55*	
08 52 13 00-0374	EA	31-1/2" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	486.29	46.24
		For Tempered Low-E Insulated Glass, Add	*78.76*	
08 52 13 00-0375	EA	35-15/16" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	524.04	48.26
		For Tempered Low-E Insulated Glass, Add	*85.51*	
08 52 13 00-0376	EA	40-13/16" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	560.41	51.27
		For Tempered Low-E Insulated Glass, Add	*91.77*	
08 52 13 00-0377	EA	48" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	614.56	54.79
		For Tempered Low-E Insulated Glass, Add	*101.00*	
08 52 13 00-0378	EA	52-13/16" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	649.92	57.30
		For Tempered Low-E Insulated Glass, Add	*107.26*	
08 52 13 00-0379	EA	59-7/8" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	701.20	60.32
		For Tempered Low-E Insulated Glass, Add	*116.11*	
08 52 13 00-0380	EA	64-13/16" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	739.41	63.33
		For Tempered Low-E Insulated Glass, Add	*122.75*	
08 52 13 00-0381	EA	71-7/8" x 20-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	790.70	66.35
		For Tempered Low-E Insulated Glass, Add	*131.60*	
08 52 13 00-0382		**24-1/8" Height, Stationary, Awning Metal Clad Windows** *(08 52 13 00-0359)*		
08 52 13 00-0383	EA	24-1/8" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	463.54	45.24
		For Tempered Low-E Insulated Glass, Add	*74.81*	
08 52 13 00-0384	EA	28-3/8" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	495.22	47.25
		For Tempered Low-E Insulated Glass, Add	*80.34*	
08 52 13 00-0385	EA	31-1/2" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	512.19	48.26
		For Tempered Low-E Insulated Glass, Add	*83.14*	
08 52 13 00-0386	EA	35-15/16" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	550.19	50.26
		For Tempered Low-E Insulated Glass, Add	*89.93*	
08 52 13 00-0387	EA	40-13/16" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	586.57	53.28
		For Tempered Low-E Insulated Glass, Add	*96.20*	
08 52 13 00-0388	EA	48" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	640.69	56.80
		For Tempered Low-E Insulated Glass, Add	*105.42*	
08 52 13 00-0389	EA	52-13/16" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	676.06	59.31
		For Tempered Low-E Insulated Glass, Add	*111.69*	
08 52 13 00-0390	EA	59-7/8" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	729.20	62.33
		For Tempered Low-E Insulated Glass, Add	*120.91*	
08 52 13 00-0391	EA	64-13/16" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	765.57	65.35
		For Tempered Low-E Insulated Glass, Add	*127.18*	
08 52 13 00-0392	EA	71-7/8" x 24-1/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	818.70	68.36
		For Tempered Low-E Insulated Glass, Add	*136.39*	
08 52 13 00-0393		**28-3/8" Height, Stationary, Awning Metal Clad Windows** *(08 52 13 00-0359)*		
08 52 13 00-0394	EA	24-1/8" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	465.74	47.25
		For Tempered Low-E Insulated Glass, Add	*74.45*	
08 52 13 00-0395	EA	28-3/8" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	508.47	49.26
		For Tempered Low-E Insulated Glass, Add	*82.19*	
08 52 13 00-0396	EA	31-1/2" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	531.85	50.26
		For Tempered Low-E Insulated Glass, Add	*86.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0397	EA	35-15/16" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	554.21	52.28
		For Tempered Low-E Insulated Glass, Add	*89.93*	
08 52 13 00-0398	EA	40-13/16" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	634.84	55.29
		For Tempered Low-E Insulated Glass, Add	*105.05*	
08 52 13 00-0399	EA	48" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	707.40	58.81
		For Tempered Low-E Insulated Glass, Add	*117.96*	
08 52 13 00-0400	EA	52-13/16" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	755.69	61.33
		For Tempered Low-E Insulated Glass, Add	*126.81*	
08 52 13 00-0401	EA	59-7/8" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	827.25	64.34
		For Tempered Low-E Insulated Glass, Add	*139.71*	
08 52 13 00-0402	EA	64-13/16" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	878.36	67.36
		For Tempered Low-E Insulated Glass, Add	*148.93*	
08 52 13 00-0403	EA	71-7/8" x 28-3/8", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	949.95	70.37
		For Tempered Low-E Insulated Glass, Add	*161.84*	
08 52 13 00-0404		31-1/2" Height, Stationary, Awning Metal Clad Windows *(08 52 13 00-0359)*		
08 52 13 00-0405	EA	28-3/8" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	531.85	50.26
		For Tempered Low-E Insulated Glass, Add	*86.26*	
08 52 13 00-0406	EA	31-1/2" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	561.46	51.78
		For Tempered Low-E Insulated Glass, Add	*91.58*	
08 52 13 00-0407	EA	35-15/16" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	601.44	53.78
		For Tempered Low-E Insulated Glass, Add	*98.77*	
08 52 13 00-0408	EA	40-13/16" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	647.12	56.30
		For Tempered Low-E Insulated Glass, Add	*106.91*	
08 52 13 00-0409	EA	48" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	713.00	60.32
		For Tempered Low-E Insulated Glass, Add	*118.47*	
08 52 13 00-0410	EA	52-13/16" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	757.70	62.33
		For Tempered Low-E Insulated Glass, Add	*126.61*	
08 52 13 00-0411	EA	59-7/8" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	822.58	66.35
		For Tempered Low-E Insulated Glass, Add	*138.18*	
08 52 13 00-0412	EA	64-13/16" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	866.71	68.36
		For Tempered Low-E Insulated Glass, Add	*146.00*	
08 52 13 00-0413	EA	71-7/8" x 31-1/2", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	931.61	71.88
		For Tempered Low-E Insulated Glass, Add	*157.57*	
08 52 13 00-0414		35-15/16" Height, Stationary, Awning Metal Clad Windows *(08 52 13 00-0359)*		
08 52 13 00-0415	EA	31-1/2" x 35-15/16", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	601.44	53.78
		For Tempered Low-E Insulated Glass, Add	*98.77*	
08 52 13 00-0416	EA	35-15/16" x 35-15/16", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	660.82	55.80
		For Tempered Low-E Insulated Glass, Add	*109.85*	
08 52 13 00-0417	EA	40-13/16" x 35-15/16", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	710.09	58.31
		For Tempered Low-E Insulated Glass, Add	*118.70*	
08 52 13 00-0418	EA	48" x 35-15/16", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	784.52	62.33
		For Tempered Low-E Insulated Glass, Add	*131.97*	
08 52 13 00-0419	EA	52-13/16" x 35-15/16", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	832.79	64.34
		For Tempered Low-E Insulated Glass, Add	*140.82*	
08 52 13 00-0420	EA	59-7/8" x 35-15/16", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	904.35	68.36
		For Tempered Low-E Insulated Glass, Add	*153.73*	
08 52 13 00-0421	EA	64-13/16" x 35-15/16", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	953.63	70.37
		For Tempered Low-E Insulated Glass, Add	*162.58*	
08 52 13 00-0422	EA	71-7/8" x 35-15/16", Stationary, Awning Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,025.20	73.90
		For Tempered Low-E Insulated Glass, Add	*175.48*	
08 52 13 00-0423		Horizontal Sliding Metal Clad Windows *(08 52 13)*		
08 52 13 00-0424		One Operating Sash, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0423)*		
		Note: Includes painted or stained wood interior, metal clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 13 00-0425		17-1/2" Height, One Operating Sash, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0424)*		
08 52 13 00-0426	EA	47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	578.88	53.28
		For Tempered Low-E Insulated Glass, Add	*94.66*	
08 52 13 00-0427		23-1/2" Height, One Operating Sash, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0424)*		
08 52 13 00-0428	EA	35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	531.87	49.26
		For Tempered Low-E Insulated Glass, Add	*86.47*	
08 52 13 00-0429	EA	47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	623.57	56.30
		For Tempered Low-E Insulated Glass, Add	*102.40*	
08 52 13 00-0430		35-1/2" Height, One Operating Sash, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0424)*		
08 52 13 00-0431	EA	35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	623.57	56.30
		For Tempered Low-E Insulated Glass, Add	*102.40*	
08 52 13 00-0432	EA	47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	715.30	62.33
		For Tempered Low-E Insulated Glass, Add	*118.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0433	EA	59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	806.99	67.86
		For Tempered Low-E Insulated Glass, Add	*134.25*	
08 52 13 00-0434	EA	71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	898.71	73.90
		For Tempered Low-E Insulated Glass, Add	*150.19*	

08 52 13 00-0435 41-1/2" Height, One Operating Sash, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0424)*

08 52 13 00-0436	EA	35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	670.57	59.31
		For Tempered Low-E Insulated Glass, Add	*110.59*	
08 52 13 00-0437	EA	47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	759.99	65.35
		For Tempered Low-E Insulated Glass, Add	*126.06*	
08 52 13 00-0438	EA	59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	851.70	70.87
		For Tempered Low-E Insulated Glass, Add	*141.99*	
08 52 13 00-0439	EA	71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,023.07	76.91
		For Tempered Low-E Insulated Glass, Add	*173.85*	

08 52 13 00-0440 47-1/2" Height, One Operating Sash, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0424)*

08 52 13 00-0441	EA	35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	715.30	62.33
		For Tempered Low-E Insulated Glass, Add	*118.33*	
08 52 13 00-0442	EA	47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	806.99	68.36
		For Tempered Low-E Insulated Glass, Add	*134.25*	
08 52 13 00-0443	EA	59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	898.71	73.90
		For Tempered Low-E Insulated Glass, Add	*150.19*	
08 52 13 00-0444	EA	71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	990.40	79.92
		For Tempered Low-E Insulated Glass, Add	*166.11*	

08 52 13 00-0445 53-1/2" Height, One Operating Sash, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0424)*

08 52 13 00-0446	EA	47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	851.70	71.38
		For Tempered Low-E Insulated Glass, Add	*141.99*	
08 52 13 00-0447	EA	59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	943.41	76.91
		For Tempered Low-E Insulated Glass, Add	*157.92*	
08 52 13 00-0448	EA	71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,035.13	82.93
		For Tempered Low-E Insulated Glass, Add	*173.85*	

08 52 13 00-0449 59-1/2" Height, One Operating Sash, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0424)*

08 52 13 00-0450	EA	47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	898.71	74.39
		For Tempered Low-E Insulated Glass, Add	*150.19*	
08 52 13 00-0451	EA	59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	990.40	79.92
		For Tempered Low-E Insulated Glass, Add	*166.11*	
08 52 13 00-0452	EA	71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,082.27	85.96
		For Tempered Low-E Insulated Glass, Add	*182.07*	

08 52 13 00-0453 Two Operating Sashes, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0423)*

Note: Includes painted or stained wood interior, metal clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 13 00-0454 22-1/4" Height, Two Operating Sashes, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0453)*

08 52 13 00-0455	EA	35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,330.33	49.26
		For Tempered Low-E Insulated Glass, Add	*246.16*	
08 52 13 00-0456	EA	47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,585.89	56.30
		For Tempered Low-E Insulated Glass, Add	*294.86*	

08 52 13 00-0457 35-1/4" Height, Two Operating Sashes, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0453)*

08 52 13 00-0458	EA	35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,606.37	56.30
		For Tempered Low-E Insulated Glass, Add	*298.96*	
08 52 13 00-0459	EA	47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,864.20	62.33
		For Tempered Low-E Insulated Glass, Add	*348.11*	
08 52 13 00-0460	EA	59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,119.73	67.86
		For Tempered Low-E Insulated Glass, Add	*396.80*	
08 52 13 00-0461	EA	71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,375.28	73.90
		For Tempered Low-E Insulated Glass, Add	*445.50*	

08 52 13 00-0462 41-1/4" Height, Two Operating Sashes, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0453)*

08 52 13 00-0463	EA	35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,735.27	59.31
		For Tempered Low-E Insulated Glass, Add	*323.53*	
08 52 13 00-0464	EA	47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,990.82	65.35
		For Tempered Low-E Insulated Glass, Add	*372.23*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0465	EA	59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,248.64	70.87
		For Tempered Low-E Insulated Glass, Add	*421.38*	
08 52 13 00-0466	EA	71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,504.19	76.91
		For Tempered Low-E Insulated Glass, Add	*470.07*	
08 52 13 00-0467		47-1/4" Height, Two Operating Sashes, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0453)*		
08 52 13 00-0468	EA	35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	1,864.20	62.33
		For Tempered Low-E Insulated Glass, Add	*348.11*	
08 52 13 00-0469	EA	47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,119.73	68.36
		For Tempered Low-E Insulated Glass, Add	*396.80*	
08 52 13 00-0470	EA	59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,375.28	73.90
		For Tempered Low-E Insulated Glass, Add	*445.50*	
08 52 13 00-0471	EA	71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,633.08	79.92
		For Tempered Low-E Insulated Glass, Add	*494.65*	
08 52 13 00-0472		59-1/4" Height, Two Operating Sashes, Horizontal Sliding Metal Clad Windows *(08 52 13 00-0453)*		
08 52 13 00-0473	EA	35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,119.73	68.36
		For Tempered Low-E Insulated Glass, Add	*396.80*	
08 52 13 00-0474	EA	47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,375.28	74.39
		For Tempered Low-E Insulated Glass, Add	*445.50*	
08 52 13 00-0475	EA	59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,633.08	79.92
		For Tempered Low-E Insulated Glass, Add	*494.65*	
08 52 13 00-0476	EA	71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	2,888.63	85.96
		For Tempered Low-E Insulated Glass, Add	*543.35*	
08 52 13 00-0477		Picture Metal Clad Windows *(08 52 13)*		
08 52 13 00-0478		Picture Metal Clad Windows For Awning And Casement Windows *(08 52 13 00-0477)*		
08 52 13 00-0479		Picture Metal Clad Windows For Awning And Casement Windows *(08 52 13 00-0478)*		
		Note: Includes painted or stained wood interior, metal clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 13 00-0480		12" Height, Picture Metal Clad Windows For Awning And Casement Windows *(08 52 13 00-0479)*		
08 52 13 00-0481	EA	40-13/16" x 12", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	455.90	40.21
		For Tempered Low-E Insulated Glass, Add	*75.09*	
08 52 13 00-0482	EA	48" x 12", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	535.08	44.24
		For Tempered Low-E Insulated Glass, Add	*89.32*	
08 52 13 00-0483	EA	52-13/16" x 12", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	568.88	46.24
		For Tempered Low-E Insulated Glass, Add	*95.28*	
08 52 13 00-0484	EA	59-7/8" x 12", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	617.27	50.26
		For Tempered Low-E Insulated Glass, Add	*103.55*	
08 52 13 00-0485	EA	64-13/16" x 12", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	650.40	52.28
		For Tempered Low-E Insulated Glass, Add	*109.17*	
08 52 13 00-0486	EA	71-7/8" x 12", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	698.80	56.30
		For Tempered Low-E Insulated Glass, Add	*117.44*	
08 52 13 00-0487		35-15/16" Height, Picture Metal Clad Windows For Awning And Casement Windows *(08 52 13 00-0479)*		
08 52 13 00-0488	EA	35-15/16" x 35-15/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	503.62	49.26
		For Tempered Low-E Insulated Glass, Add	*81.02*	
08 52 13 00-0489	EA	40-13/16" x 35-15/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	585.18	52.28
		For Tempered Low-E Insulated Glass, Add	*96.33*	
08 52 13 00-0490	EA	48" x 35-15/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	705.23	55.80
		For Tempered Low-E Insulated Glass, Add	*118.73*	
08 52 13 00-0491	EA	52-13/16" x 35-15/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	783.92	57.80
		For Tempered Low-E Insulated Glass, Add	*133.66*	
08 52 13 00-0492	EA	59-7/8" x 35-15/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	901.11	61.33
		For Tempered Low-E Insulated Glass, Add	*155.69*	
08 52 13 00-0493	EA	64-13/16" x 35-15/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	982.67	63.84
		For Tempered Low-E Insulated Glass, Add	*171.00*	
08 52 13 00-0494	EA	71-7/8" x 35-15/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,473.21	67.36
		For Tempered Low-E Insulated Glass, Add	*267.70*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0495		**40-13/16" Height, Picture Metal Clad Windows For Awning And Casement Windows** *(08 52 13 00-0479)*		
08 52 13 00-0496	EA	35-15/16" x 40-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	585.18	52.28
		For Tempered Low-E Insulated Glass, Add	*96.33*	
08 52 13 00-0497	EA	40-13/16" x 40-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	666.73	54.29
		For Tempered Low-E Insulated Glass, Add	*111.63*	
08 52 13 00-0498	EA	48" x 40-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	786.78	58.31
		For Tempered Low-E Insulated Glass, Add	*134.03*	
08 52 13 00-0499	EA	52-13/16" x 40-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	865.47	60.32
		For Tempered Low-E Insulated Glass, Add	*148.97*	
08 52 13 00-0500	EA	59-7/8" x 40-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	982.67	64.34
		For Tempered Low-E Insulated Glass, Add	*171.00*	
08 52 13 00-0501	EA	64-13/16" x 40-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,064.22	66.35
		For Tempered Low-E Insulated Glass, Add	*186.30*	
08 52 13 00-0502	EA	71-7/8" x 40-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,181.41	70.37
		For Tempered Low-E Insulated Glass, Add	*208.33*	
08 52 13 00-0503		**48" Height, Picture Metal Clad Windows For Awning And Casement Windows** *(08 52 13 00-0479)*		
08 52 13 00-0504	EA	35-15/16" x 48", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	705.23	56.30
		For Tempered Low-E Insulated Glass, Add	*118.73*	
08 52 13 00-0505	EA	40-13/16" x 48", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	786.78	58.31
		For Tempered Low-E Insulated Glass, Add	*134.03*	
08 52 13 00-0506	EA	48" x 48", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	906.84	62.33
		For Tempered Low-E Insulated Glass, Add	*156.44*	
08 52 13 00-0507	EA	52-13/16" x 48", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	985.53	64.34
		For Tempered Low-E Insulated Glass, Add	*171.37*	
08 52 13 00-0508	EA	59-7/8" x 48", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,102.72	68.36
		For Tempered Low-E Insulated Glass, Add	*193.40*	
08 52 13 00-0509	EA	64-13/16" x 48", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,184.28	70.37
		For Tempered Low-E Insulated Glass, Add	*208.71*	
08 52 13 00-0510	EA	71-7/8" x 48", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,301.46	74.39
		For Tempered Low-E Insulated Glass, Add	*230.74*	
08 52 13 00-0511		**52-13/16" Height, Picture Metal Clad Windows For Awning And Casement Windows** *(08 52 13 00-0479)*		
08 52 13 00-0512	EA	35-15/16" x 52-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	783.92	58.31
		For Tempered Low-E Insulated Glass, Add	*133.66*	
08 52 13 00-0513	EA	40-13/16" x 52-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	865.47	60.32
		For Tempered Low-E Insulated Glass, Add	*148.97*	
08 52 13 00-0514	EA	48" x 52-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	985.53	64.34
		For Tempered Low-E Insulated Glass, Add	*171.37*	
08 52 13 00-0515	EA	52-13/16" x 52-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,064.22	66.35
		For Tempered Low-E Insulated Glass, Add	*186.30*	
08 52 13 00-0516	EA	59-7/8" x 52-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,181.41	70.37
		For Tempered Low-E Insulated Glass, Add	*208.33*	
08 52 13 00-0517	EA	64-13/16" x 52-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,262.97	72.38
		For Tempered Low-E Insulated Glass, Add	*223.64*	
08 52 13 00-0518	EA	71-7/8" x 52-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,490.30	76.40
		For Tempered Low-E Insulated Glass, Add	*267.70*	
08 52 13 00-0519		**59-7/8" Height, Picture Metal Clad Windows For Awning And Casement Windows** *(08 52 13 00-0479)*		
08 52 13 00-0520	EA	35-15/16" x 59-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	901.11	61.33
		For Tempered Low-E Insulated Glass, Add	*155.69*	
08 52 13 00-0521	EA	40-13/16" x 59-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	982.67	64.34
		For Tempered Low-E Insulated Glass, Add	*171.00*	
08 52 13 00-0522	EA	48" x 59-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,102.72	67.86
		For Tempered Low-E Insulated Glass, Add	*193.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0523	EA	52-13/16" x 59-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,181.41	69.86
		For Tempered Low-E Insulated Glass, Add	*208.33*	
08 52 13 00-0524	EA	59-7/8" x 59-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,298.59	73.39
		For Tempered Low-E Insulated Glass, Add	*230.36*	
08 52 13 00-0525	EA	64-13/16" x 59-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,380.15	75.90
		For Tempered Low-E Insulated Glass, Add	*245.67*	
08 52 13 00-0526	EA	71-7/8" x 59-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,497.33	79.42
		For Tempered Low-E Insulated Glass, Add	*267.70*	
08 52 13 00-0527		64-13/16" Height, Picture Metal Clad Windows For Awning And Casement Windows *(08 52 13 00-0479)*		
08 52 13 00-0528	EA	35-15/16" x 64-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	982.67	64.34
		For Tempered Low-E Insulated Glass, Add	*171.00*	
08 52 13 00-0529	EA	40-13/16" x 64-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,064.22	66.35
		For Tempered Low-E Insulated Glass, Add	*186.30*	
08 52 13 00-0530	EA	48" x 64-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,184.28	70.37
		For Tempered Low-E Insulated Glass, Add	*208.71*	
08 52 13 00-0531	EA	52-13/16" x 64-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,262.97	72.38
		For Tempered Low-E Insulated Glass, Add	*223.64*	
08 52 13 00-0532	EA	59-7/8" x 64-13/16", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,490.30	76.40
		For Tempered Low-E Insulated Glass, Add	*267.70*	
08 52 13 00-0533		71-7/8" Height, Picture Metal Clad Windows For Awning And Casement Windows *(08 52 13 00-0479)*		
08 52 13 00-0534	EA	35-15/16" x 71-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,099.85	67.36
		For Tempered Low-E Insulated Glass, Add	*193.03*	
08 52 13 00-0535	EA	40-13/16" x 71-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,181.41	70.37
		For Tempered Low-E Insulated Glass, Add	*208.33*	
08 52 13 00-0536	EA	48" x 71-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,301.46	73.90
		For Tempered Low-E Insulated Glass, Add	*230.74*	
08 52 13 00-0537	EA	52-13/16" x 71-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,380.15	75.90
		For Tempered Low-E Insulated Glass, Add	*245.67*	
08 52 13 00-0538	EA	59-7/8" x 71-7/8", Picture Metal Clad Wood Window For Awning And Casement Windows (Jeld-Wen 'Builders-Clad')	1,497.33	79.42
		For Tempered Low-E Insulated Glass, Add	*267.70*	
08 52 13 00-0539		Picture Metal Clad Windows For Double Hung Windows *(08 52 13 00-0477)*		
08 52 13 00-0540		Picture Metal Clad Windows For Double Hung Windows *(08 52 13 00-0539)* Note: Includes painted or stained wood interior, metal clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 13 00-0541		48-7/8" Height, Picture Metal Clad Windows For Double Hung Windows *(08 52 13 00-0540)*		
08 52 13 00-0542	EA	12" x 48-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	733.69	47.25
		For Tempered Low-E Insulated Glass, Add	*127.84*	
08 52 13 00-0543	EA	37-5/8" x 48-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,028.37	60.32
		For Tempered Low-E Insulated Glass, Add	*181.75*	
08 52 13 00-0544	EA	41-5/8" x 48-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,073.25	61.82
		For Tempered Low-E Insulated Glass, Add	*189.92*	
08 52 13 00-0545	EA	47-5/16" x 48-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,140.54	64.85
		For Tempered Low-E Insulated Glass, Add	*202.17*	
08 52 13 00-0546	EA	51-5/16" x 48-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,185.41	67.36
		For Tempered Low-E Insulated Glass, Add	*210.34*	
08 52 13 00-0547	EA	59-5/16" x 48-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,277.16	70.87
		For Tempered Low-E Insulated Glass, Add	*227.08*	
08 52 13 00-0548	EA	67-5/16" x 48-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,368.94	75.40
		For Tempered Low-E Insulated Glass, Add	*243.83*	
08 52 13 00-0549		52-7/8" Height, Picture Metal Clad Windows For Double Hung Windows *(08 52 13 00-0540)*		
08 52 13 00-0550	EA	12" x 52-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	780.58	49.26
		For Tempered Low-E Insulated Glass, Add	*136.41*	
08 52 13 00-0551	EA	37-5/8" x 52-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,073.25	62.33
		For Tempered Low-E Insulated Glass, Add	*189.92*	
08 52 13 00-0552	EA	41-5/8" x 52-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,120.14	63.84
		For Tempered Low-E Insulated Glass, Add	*198.49*	
08 52 13 00-0553	EA	47-5/16" x 52-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,185.41	66.85
		For Tempered Low-E Insulated Glass, Add	*210.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0554	EA	51-5/16" x 52-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,232.30	69.37
		For Tempered Low-E Insulated Glass, Add	*218.92*	
08 52 13 00-0555	EA	59-5/16" x 52-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,324.07	72.89
		For Tempered Low-E Insulated Glass, Add	*235.66*	
08 52 13 00-0556	EA	67-5/16" x 52-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,415.86	77.41
		For Tempered Low-E Insulated Glass, Add	*252.41*	
08 52 13 00-0557		56-7/8" Height, Picture Metal Clad Windows For Double Hung Windows *(08 52 13 00-0540)*		
08 52 13 00-0558	EA	12" x 56-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	825.45	51.27
		For Tempered Low-E Insulated Glass, Add	*144.58*	
08 52 13 00-0559	EA	37-5/8" x 56-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,120.14	64.34
		For Tempered Low-E Insulated Glass, Add	*198.49*	
08 52 13 00-0560	EA	41-5/8" x 56-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,165.01	65.84
		For Tempered Low-E Insulated Glass, Add	*206.66*	
08 52 13 00-0561	EA	47-5/16" x 56-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,232.30	68.87
		For Tempered Low-E Insulated Glass, Add	*218.92*	
08 52 13 00-0562	EA	51-5/16" x 56-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,277.16	71.38
		For Tempered Low-E Insulated Glass, Add	*227.08*	
08 52 13 00-0563	EA	59-5/16" x 56-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,368.94	74.89
		For Tempered Low-E Insulated Glass, Add	*243.83*	
08 52 13 00-0564	EA	67-5/16" x 56-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,462.75	79.42
		For Tempered Low-E Insulated Glass, Add	*260.98*	
08 52 13 00-0565		60-7/8" Height, Picture Metal Clad Windows For Double Hung Windows *(08 52 13 00-0540)*		
08 52 13 00-0566	EA	12" x 60-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	872.38	53.28
		For Tempered Low-E Insulated Glass, Add	*153.16*	
08 52 13 00-0567	EA	37-5/8" x 60-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,165.01	66.35
		For Tempered Low-E Insulated Glass, Add	*206.66*	
08 52 13 00-0568	EA	41-5/8" x 60-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,211.93	67.86
		For Tempered Low-E Insulated Glass, Add	*215.24*	
08 52 13 00-0569	EA	47-5/16" x 60-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,277.16	70.87
		For Tempered Low-E Insulated Glass, Add	*227.08*	
08 52 13 00-0570	EA	51-5/16" x 60-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,324.07	73.39
		For Tempered Low-E Insulated Glass, Add	*235.66*	
08 52 13 00-0571	EA	59-5/16" x 60-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,415.86	76.91
		For Tempered Low-E Insulated Glass, Add	*252.41*	
08 52 13 00-0572	EA	67-5/16" x 60-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,507.62	81.43
		For Tempered Low-E Insulated Glass, Add	*269.15*	
08 52 13 00-0573		64-7/8" Height, Picture Metal Clad Windows For Double Hung Windows *(08 52 13 00-0540)*		
08 52 13 00-0574	EA	12" x 64-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	917.22	55.29
		For Tempered Low-E Insulated Glass, Add	*161.33*	
08 52 13 00-0575	EA	37-5/8" x 64-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,211.93	68.36
		For Tempered Low-E Insulated Glass, Add	*215.24*	
08 52 13 00-0576	EA	41-5/8" x 64-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,258.82	69.86
		For Tempered Low-E Insulated Glass, Add	*223.82*	
08 52 13 00-0577	EA	47-5/16" x 64-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,324.07	72.89
		For Tempered Low-E Insulated Glass, Add	*235.66*	
08 52 13 00-0578	EA	51-5/16" x 64-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,368.94	75.40
		For Tempered Low-E Insulated Glass, Add	*243.83*	
08 52 13 00-0579	EA	59-5/16" x 64-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,462.75	78.91
		For Tempered Low-E Insulated Glass, Add	*260.98*	
08 52 13 00-0580	EA	67-5/16" x 64-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,554.53	83.44
		For Tempered Low-E Insulated Glass, Add	*277.73*	
08 52 13 00-0581		68-7/8" Height, Picture Metal Clad Windows For Double Hung Windows *(08 52 13 00-0540)*		
08 52 13 00-0582	EA	12" x 68-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	964.14	57.30
		For Tempered Low-E Insulated Glass, Add	*169.91*	
08 52 13 00-0583	EA	37-5/8" x 68-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,258.82	70.37
		For Tempered Low-E Insulated Glass, Add	*223.82*	
08 52 13 00-0584	EA	41-5/8" x 68-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,303.69	71.88
		For Tempered Low-E Insulated Glass, Add	*231.99*	
08 52 13 00-0585	EA	47-5/16" x 68-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,368.94	74.89
		For Tempered Low-E Insulated Glass, Add	*243.83*	
08 52 13 00-0586	EA	51-5/16" x 68-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,415.86	77.41
		For Tempered Low-E Insulated Glass, Add	*252.41*	
08 52 13 00-0587	EA	59-5/16" x 68-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,507.62	80.93
		For Tempered Low-E Insulated Glass, Add	*269.15*	
08 52 13 00-0588	EA	67-5/16" x 68-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,599.40	85.45
		For Tempered Low-E Insulated Glass, Add	*285.90*	
08 52 13 00-0589		72-7/8" Height, Picture Metal Clad Windows For Double Hung Windows *(08 52 13 00-0540)*		
08 52 13 00-0590	EA	12" x 72-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,009.00	59.31
		For Tempered Low-E Insulated Glass, Add	*178.07*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0591	EA	37-5/8" x 72-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,303.69	72.38
		For Tempered Low-E Insulated Glass, Add	*231.99*	
08 52 13 00-0592	EA	41-5/8" x 72-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,350.60	73.90
		For Tempered Low-E Insulated Glass, Add	*240.56*	
08 52 13 00-0593	EA	47-5/16" x 72-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,415.86	76.91
		For Tempered Low-E Insulated Glass, Add	*252.41*	
08 52 13 00-0594	EA	51-5/16" x 72-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,462.75	79.42
		For Tempered Low-E Insulated Glass, Add	*260.98*	
08 52 13 00-0595	EA	59-5/16" x 72-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,554.53	82.93
		For Tempered Low-E Insulated Glass, Add	*277.73*	
08 52 13 00-0596	EA	67-5/16" x 72-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,646.29	87.46
		For Tempered Low-E Insulated Glass, Add	*294.47*	
08 52 13 00-0597		76-7/8" Height, Picture Metal Clad Windows For Double Hung Windows *(08 52 13 00-0540)*		
08 52 13 00-0598	EA	12" x 76-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,055.89	61.33
		For Tempered Low-E Insulated Glass, Add	*186.65*	
08 52 13 00-0599	EA	37-5/8" x 76-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,350.60	74.39
		For Tempered Low-E Insulated Glass, Add	*240.56*	
08 52 13 00-0600	EA	41-5/8" x 76-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,395.44	75.90
		For Tempered Low-E Insulated Glass, Add	*248.73*	
08 52 13 00-0601	EA	47-5/16" x 76-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,462.75	78.91
		For Tempered Low-E Insulated Glass, Add	*260.98*	
08 52 13 00-0602	EA	51-5/16" x 76-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,507.62	81.43
		For Tempered Low-E Insulated Glass, Add	*269.15*	
08 52 13 00-0603	EA	59-5/16" x 76-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,599.40	84.95
		For Tempered Low-E Insulated Glass, Add	*285.90*	
08 52 13 00-0604	EA	67-5/16" x 76-7/8", Picture Metal Clad Wood Window For Double Hung Windows (Jeld-Wen 'Builders-Clad')	1,691.16	89.47
		For Tempered Low-E Insulated Glass, Add	*302.64*	
08 52 13 00-0605		Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0477)*		
08 52 13 00-0606		Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0605)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 13 00-0607		35-1/2" Height, Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0606)*		
08 52 13 00-0608	EA	56-1/2" x 35-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	646.39	62.83
		For Tempered Low-E Insulated Glass, Add	*104.15*	
		For Tempered Clear Insulated Glass, Add	*104.15*	
08 52 13 00-0609	EA	59-1/2" x 35-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	663.72	64.34
		For Tempered Low-E Insulated Glass, Add	*107.01*	
		For Tempered Clear Insulated Glass, Add	*107.01*	
08 52 13 00-0610		47-1/2" Height, Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0606)*		
08 52 13 00-0611	EA	47-1/2" x 47-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	663.72	64.34
		For Tempered Low-E Insulated Glass, Add	*107.01*	
		For Tempered Clear Insulated Glass, Add	*107.01*	
08 52 13 00-0612	EA	71-1/2" x 47-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	806.29	76.40
		For Tempered Low-E Insulated Glass, Add	*130.70*	
		For Tempered Clear Insulated Glass, Add	*130.70*	
08 52 13 00-0613		53-1/2" Height, Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0606)*		
08 52 13 00-0614	EA	56-1/2" x 53-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	754.37	71.88
		For Tempered Low-E Insulated Glass, Add	*122.12*	
		For Tempered Clear Insulated Glass, Add	*122.12*	
08 52 13 00-0615	EA	59-1/2" x 53-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	771.66	73.39
		For Tempered Low-E Insulated Glass, Add	*124.98*	
		For Tempered Clear Insulated Glass, Add	*124.98*	
08 52 13 00-0616		56-1/2" Height, Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0606)*		
08 52 13 00-0617	EA	35-1/2" x 56-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	646.39	63.33
		For Tempered Low-E Insulated Glass, Add	*104.15*	
		For Tempered Clear Insulated Glass, Add	*104.15*	
08 52 13 00-0618	EA	53-1/2" x 56-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	754.37	71.88
		For Tempered Low-E Insulated Glass, Add	*122.12*	
		For Tempered Clear Insulated Glass, Add	*122.12*	
08 52 13 00-0619		59-1/2" Height, Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0606)*		
08 52 13 00-0620	EA	35-1/2" x 59-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	663.72	64.34
		For Tempered Low-E Insulated Glass, Add	*107.01*	
		For Tempered Clear Insulated Glass, Add	*107.01*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0621	EA	53-1/2" x 59-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	771.66	73.39
		For Tempered Low-E Insulated Glass, Add	*124.98*	
		For Tempered Clear Insulated Glass, Add	*124.98*	
08 52 13 00-0622	EA	59-1/2" x 59-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	806.29	76.40
		For Tempered Low-E Insulated Glass, Add	*130.70*	
		For Tempered Clear Insulated Glass, Add	*130.70*	
08 52 13 00-0623	EA	65-1/2" x 59-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	842.94	79.42
		For Tempered Low-E Insulated Glass, Add	*136.82*	
		For Tempered Clear Insulated Glass, Add	*136.82*	
08 52 13 00-0624		65-1/2" Height, Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0606)*		
08 52 13 00-0625	EA	59-1/2" x 65-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	842.94	79.42
		For Tempered Low-E Insulated Glass, Add	*136.82*	
		For Tempered Clear Insulated Glass, Add	*136.82*	
08 52 13 00-0626		71-1/2" Height, Picture Metal Clad Windows For Horizontal Sliding Windows *(08 52 13 00-0606)*		
08 52 13 00-0627	EA	47-1/2" x 71-1/2", Picture Metal Clad Wood Window For Horizontal Sliding Windows (Jeld-Wen 'Builders-Clad')	806.29	76.40
		For Tempered Low-E Insulated Glass, Add	*130.70*	
		For Tempered Clear Insulated Glass, Add	*130.70*	
08 52 13 00-0628		Basement Metal Clad Windows *(08 52 13)*		
08 52 13 00-0629		Basement Metal Clad Windows *(08 52 13 00-0628)*		
		Note: Includes painted or stained wood interior, metal clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 13 00-0630	EA	32-1/4" x 15-3/4", Basement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	338.32	40.21
		For Tempered Low-E Insulated Glass, Add	*51.58*	
08 52 13 00-0631	EA	32-1/4" x 19-3/4", Basement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	357.70	40.21
		For Tempered Low-E Insulated Glass, Add	*55.45*	
08 52 13 00-0632	EA	32-1/4" x 23-3/4", Basement Metal Clad Wood Window (Jeld-Wen 'Builders-Clad')	374.73	40.21
		For Tempered Low-E Insulated Glass, Add	*58.86*	
08 52 13 00-0633		Accessories For Metal Clad Windows *(08 52 13)*		
08 52 13 00-0634		Insect Screens For Metal Clad Windows *(08 52 13 00-0633)*		
08 52 13 00-0635	EA	Up To 6 SF, Insect Screen For Metal Clad Wood Windows	60.08	8.95
08 52 13 00-0636	EA	>6 To 9 SF, Insect Screen For Metal Clad Wood Windows	72.14	8.95
08 52 13 00-0637	EA	>9 To 12 SF, Insect Screen For Metal Clad Wood Windows	78.18	8.95
08 52 13 00-0638	EA	>12 To 15 SF, Insect Screen For Metal Clad Wood Windows	90.23	8.95
08 52 13 00-0639	EA	>15 To 20 SF, Insect Screen For Metal Clad Wood Windows	114.34	8.95
08 52 13 00-0640	EA	>20 To 25 SF, Insect Screen For Metal Clad Wood Windows	126.40	8.95
08 52 13 00-0641	EA	>25 To 30 SF, Insect Screen For Metal Clad Wood Windows	138.43	8.95
08 52 13 00-0642	EA	>30 To 35 SF, Insect Screen For Metal Clad Wood Windows	150.48	8.95
08 52 13 00-0643	SF	>35 SF, Insect Screen For Metal Clad Wood Windows	4.58	0.18
08 52 13 00-0644		Factory Installed Grilles For Metal Clad Windows *(08 52 13 00-0633)*		
08 52 13 00-0645		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Windows *(08 52 13 00-0644)*		
08 52 13 00-0646	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	47.99	
08 52 13 00-0647	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	102.87	
08 52 13 00-0648	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	139.61	
08 52 13 00-0649	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	176.35	
08 52 13 00-0650	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	249.83	
08 52 13 00-0651		Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Metal Clad Windows *(08 52 13 00-0644)*		
08 52 13 00-0652	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	47.99	
08 52 13 00-0653	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	102.87	
08 52 13 00-0654	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	139.61	
08 52 13 00-0655	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	176.35	
08 52 13 00-0656	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Metal Clad Wood Windows	249.83	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 13 00-0657		Fixed Exterior And Interior Grilles, Factory Installed Grilles For Metal Clad Windows *(08 52 13 00-0644)*		
08 52 13 00-0658	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Metal Clad Wood Windows	83.77	
08 52 13 00-0659	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Metal Clad Wood Windows	123.44	
08 52 13 00-0660	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Metal Clad Wood Windows	167.53	
08 52 13 00-0661	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Metal Clad Wood Windows	211.62	
08 52 13 00-0662	EA	>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Metal Clad Wood Windows	299.79	
08 52 13 00-0663		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Metal Clad Windows *(08 52 13 00-0644)*		
08 52 13 00-0664	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Metal Clad Wood Windows	100.53	
08 52 13 00-0665	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Metal Clad Wood Windows	148.13	
08 52 13 00-0666	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Metal Clad Wood Windows	201.03	
08 52 13 00-0667	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Metal Clad Wood Windows	253.94	
08 52 13 00-0668	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Metal Clad Wood Windows	359.75	
08 52 16		**Plastic-Clad Wood Windows** *(08 52)*		
08 52 16 00-0001		Single Hung Wood Clad Windows *(08 52 16)*		
		Note: Single Hung windows feature a movable bottom sash and stationary top sash.		
08 52 16 00-0002		Single Hung Wood Clad Windows *(08 52 16 00-0001)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0003		35-1/2" Height, Single Hung Wood Clad Windows *(08 52 16 00-0002)*		
08 52 16 00-0004	EA	23-1/2" x 35-1/2" Single Hung Wood Clad Window	278.74	46.24
		For Tempered Low-E Insulated Glass, Add	*37.25*	
		For Low-E Insulated Glass, Add	*22.35*	
		For Tempered Clear Insulated Glass, Add	*37.25*	
08 52 16 00-0005	EA	27-1/2" x 35-1/2" Single Hung Wood Clad Window	294.84	48.26
		For Tempered Low-E Insulated Glass, Add	*39.67*	
		For Low-E Insulated Glass, Add	*23.80*	
		For Tempered Clear Insulated Glass, Add	*39.67*	
08 52 16 00-0006	EA	31-1/2" x 35-1/2" Single Hung Wood Clad Window	309.93	50.26
		For Tempered Low-E Insulated Glass, Add	*41.88*	
		For Low-E Insulated Glass, Add	*25.13*	
		For Tempered Clear Insulated Glass, Add	*41.88*	
08 52 16 00-0007	EA	35-1/2" x 35-1/2" Single Hung Wood Clad Window	325.03	52.28
		For Tempered Low-E Insulated Glass, Add	*44.10*	
		For Low-E Insulated Glass, Add	*26.46*	
		For Tempered Clear Insulated Glass, Add	*44.10*	
08 52 16 00-0008		41-1/2" Height, Single Hung Wood Clad Windows *(08 52 16 00-0002)*		
08 52 16 00-0009	EA	23-1/2" x 41-1/2" Single Hung Wood Clad Window	301.88	49.26
		For Tempered Low-E Insulated Glass, Add	*40.67*	
		For Low-E Insulated Glass, Add	*24.40*	
		For Tempered Clear Insulated Glass, Add	*40.67*	
08 52 16 00-0010	EA	27-1/2" x 41-1/2" Single Hung Wood Clad Window	317.98	51.27
		For Tempered Low-E Insulated Glass, Add	*43.09*	
		For Low-E Insulated Glass, Add	*25.85*	
		For Tempered Clear Insulated Glass, Add	*43.09*	
08 52 16 00-0011	EA	31-1/2" x 41-1/2" Single Hung Wood Clad Window	333.09	53.28
		For Tempered Low-E Insulated Glass, Add	*45.30*	
		For Low-E Insulated Glass, Add	*27.18*	
		For Tempered Clear Insulated Glass, Add	*45.30*	
08 52 16 00-0012	EA	35-1/2" x 41-1/2" Single Hung Wood Clad Window	348.18	55.29
		For Tempered Low-E Insulated Glass, Add	*47.52*	
		For Low-E Insulated Glass, Add	*28.51*	
		For Tempered Clear Insulated Glass, Add	*47.52*	
08 52 16 00-0013		47-1/2" Height, Single Hung Wood Clad Windows *(08 52 16 00-0002)*		
08 52 16 00-0014	EA	23-1/2" x 47-1/2" Single Hung Wood Clad Window	325.03	52.28
		For Tempered Low-E Insulated Glass, Add	*44.10*	
		For Low-E Insulated Glass, Add	*26.46*	
		For Tempered Clear Insulated Glass, Add	*44.10*	
08 52 16 00-0015	EA	27-1/2" x 47-1/2" Single Hung Wood Clad Window	340.12	54.29
		For Tempered Low-E Insulated Glass, Add	*46.31*	
		For Low-E Insulated Glass, Add	*27.79*	
		For Tempered Clear Insulated Glass, Add	*46.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0016	EA	31-1/2" x 47-1/2" Single Hung Wood Clad Window	356.22	56.30
		For Tempered Low-E Insulated Glass, Add	*48.73*	
		For Low-E Insulated Glass, Add	*29.24*	
		For Tempered Clear Insulated Glass, Add	*48.73*	
08 52 16 00-0017	EA	35-1/2" x 47-1/2" Single Hung Wood Clad Window	371.32	58.31
		For Tempered Low-E Insulated Glass, Add	*50.94*	
		For Low-E Insulated Glass, Add	*30.57*	
		For Tempered Clear Insulated Glass, Add	*50.94*	
08 52 16 00-0018		53-1/2" Height, Single Hung Wood Clad Windows *(08 52 16 00-0002)*		
08 52 16 00-0019	EA	23-1/2" x 53-1/2" Single Hung Wood Clad Window	348.18	55.29
		For Tempered Low-E Insulated Glass, Add	*47.52*	
		For Low-E Insulated Glass, Add	*28.51*	
		For Tempered Clear Insulated Glass, Add	*47.52*	
08 52 16 00-0020	EA	27-1/2" x 53-1/2" Single Hung Wood Clad Window	363.27	57.30
		For Tempered Low-E Insulated Glass, Add	*49.73*	
		For Low-E Insulated Glass, Add	*29.84*	
		For Tempered Clear Insulated Glass, Add	*49.73*	
08 52 16 00-0021	EA	31-1/2" x 53-1/2" Single Hung Wood Clad Window	378.37	59.31
		For Tempered Low-E Insulated Glass, Add	*51.95*	
		For Low-E Insulated Glass, Add	*31.17*	
		For Tempered Clear Insulated Glass, Add	*51.95*	
08 52 16 00-0022	EA	35-1/2" x 53-1/2" Single Hung Wood Clad Window	394.47	61.33
		For Tempered Low-E Insulated Glass, Add	*54.36*	
		For Low-E Insulated Glass, Add	*32.62*	
		For Tempered Clear Insulated Glass, Add	*54.36*	
08 52 16 00-0023		56-1/2" Height, Single Hung Wood Clad Windows *(08 52 16 00-0002)*		
08 52 16 00-0024	EA	19-1/2" x 56-1/2" Single Hung Wood Clad Window	344.15	55.29
		For Tempered Low-E Insulated Glass, Add	*46.91*	
		For Low-E Insulated Glass, Add	*28.15*	
		For Tempered Clear Insulated Glass, Add	*46.91*	
08 52 16 00-0025	EA	23-1/2" x 56-1/2" Single Hung Wood Clad Window	359.24	56.80
		For Tempered Low-E Insulated Glass, Add	*49.13*	
		For Low-E Insulated Glass, Add	*29.48*	
		For Tempered Clear Insulated Glass, Add	*49.13*	
08 52 16 00-0026	EA	27-1/2" x 56-1/2" Single Hung Wood Clad Window	375.35	59.31
		For Tempered Low-E Insulated Glass, Add	*51.55*	
		For Low-E Insulated Glass, Add	*30.93*	
		For Tempered Clear Insulated Glass, Add	*51.55*	
08 52 16 00-0027	EA	31-1/2" x 56-1/2" Single Hung Wood Clad Window	390.44	61.33
		For Tempered Low-E Insulated Glass, Add	*53.76*	
		For Low-E Insulated Glass, Add	*32.26*	
		For Tempered Clear Insulated Glass, Add	*53.76*	
08 52 16 00-0028	EA	35-1/2" x 56-1/2" Single Hung Wood Clad Window	405.53	63.33
		For Tempered Low-E Insulated Glass, Add	*55.97*	
		For Low-E Insulated Glass, Add	*33.58*	
		For Tempered Clear Insulated Glass, Add	*55.97*	
08 52 16 00-0029	EA	39-1/2" x 56-1/2" Single Hung Wood Clad Window	420.63	65.35
		For Tempered Low-E Insulated Glass, Add	*58.19*	
		For Low-E Insulated Glass, Add	*34.91*	
		For Tempered Clear Insulated Glass, Add	*58.19*	
08 52 16 00-0030		59-1/2" Height, Single Hung Wood Clad Windows *(08 52 16 00-0002)*		
08 52 16 00-0031	EA	19-1/2" x 59-1/2" Single Hung Wood Clad Window	356.22	56.30
		For Tempered Low-E Insulated Glass, Add	*48.73*	
		For Low-E Insulated Glass, Add	*29.24*	
		For Tempered Clear Insulated Glass, Add	*48.73*	
08 52 16 00-0032	EA	23-1/2" x 59-1/2" Single Hung Wood Clad Window	371.32	58.31
		For Tempered Low-E Insulated Glass, Add	*50.94*	
		For Low-E Insulated Glass, Add	*30.57*	
		For Tempered Clear Insulated Glass, Add	*50.94*	
08 52 16 00-0033	EA	27-1/2" x 59-1/2" Single Hung Wood Clad Window	386.41	60.32
		For Tempered Low-E Insulated Glass, Add	*53.16*	
		For Low-E Insulated Glass, Add	*31.89*	
		For Tempered Clear Insulated Glass, Add	*53.16*	
08 52 16 00-0034	EA	31-1/2" x 59-1/2" Single Hung Wood Clad Window	401.51	62.33
		For Tempered Low-E Insulated Glass, Add	*55.37*	
		For Low-E Insulated Glass, Add	*33.22*	
		For Tempered Clear Insulated Glass, Add	*55.37*	
08 52 16 00-0035	EA	35-1/2" x 59-1/2" Single Hung Wood Clad Window	416.61	64.34
		For Tempered Low-E Insulated Glass, Add	*57.59*	
		For Low-E Insulated Glass, Add	*34.55*	
		For Tempered Clear Insulated Glass, Add	*57.59*	
08 52 16 00-0036	EA	39-1/2" x 59-1/2" Single Hung Wood Clad Window	432.71	66.35
		For Tempered Low-E Insulated Glass, Add	*60.00*	
		For Low-E Insulated Glass, Add	*36.00*	
		For Tempered Clear Insulated Glass, Add	*60.00*	
08 52 16 00-0037		65-1/2" Height, Single Hung Wood Clad Windows *(08 52 16 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0038	EA	23-1/2" x 65-1/2" Single Hung Wood Clad Window	394.47	61.33
		For Tempered Low-E Insulated Glass, Add	*54.36*	
		For Low-E Insulated Glass, Add	*32.62*	
		For Tempered Clear Insulated Glass, Add	*54.36*	
08 52 16 00-0039	EA	27-1/2" x 65-1/2" Single Hung Wood Clad Window	409.56	63.33
		For Tempered Low-E Insulated Glass, Add	*56.58*	
		For Low-E Insulated Glass, Add	*33.95*	
		For Tempered Clear Insulated Glass, Add	*56.58*	
08 52 16 00-0040	EA	31-1/2" x 65-1/2" Single Hung Wood Clad Window	424.66	65.35
		For Tempered Low-E Insulated Glass, Add	*58.79*	
		For Low-E Insulated Glass, Add	*35.28*	
		For Tempered Clear Insulated Glass, Add	*58.79*	
08 52 16 00-0041	EA	35-1/2" x 65-1/2" Single Hung Wood Clad Window	439.75	67.36
		For Tempered Low-E Insulated Glass, Add	*61.01*	
		For Low-E Insulated Glass, Add	*36.60*	
		For Tempered Clear Insulated Glass, Add	*61.01*	
08 52 16 00-0042		**71-1/2" Height, Single Hung Wood Clad Windows** *(08 52 16 00-0002)*		
08 52 16 00-0043	EA	23-1/2" x 71-1/2" Single Hung Wood Clad Window	416.61	64.34
		For Tempered Low-E Insulated Glass, Add	*57.59*	
		For Low-E Insulated Glass, Add	*34.55*	
		For Tempered Clear Insulated Glass, Add	*57.59*	
08 52 16 00-0044	EA	27-1/2" x 71-1/2" Single Hung Wood Clad Window	432.71	66.35
		For Tempered Low-E Insulated Glass, Add	*60.00*	
		For Low-E Insulated Glass, Add	*36.00*	
		For Tempered Clear Insulated Glass, Add	*60.00*	
08 52 16 00-0045	EA	31-1/2" x 71-1/2" Single Hung Wood Clad Window	447.81	68.36
		For Tempered Low-E Insulated Glass, Add	*62.22*	
		For Low-E Insulated Glass, Add	*37.33*	
		For Tempered Clear Insulated Glass, Add	*62.22*	
08 52 16 00-0046	EA	35-1/2" x 71-1/2" Single Hung Wood Clad Window	462.91	70.37
		For Tempered Low-E Insulated Glass, Add	*64.43*	
		For Low-E Insulated Glass, Add	*38.66*	
		For Tempered Clear Insulated Glass, Add	*64.43*	
08 52 16 00-0047		**Single Hung Wood Clad Windows** *(08 52 16 00-0001)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0048		**36-7/8" Height, Single Hung Wood Clad Windows** *(08 52 16 00-0047)*		
08 52 16 00-0049	EA	21-5/8" x 36-7/8" Single Hung Wood Clad Window	338.13	46.24
		For Tempered Low-E Insulated Glass, Add	*49.33*	
08 52 16 00-0050	EA	25-5/8" x 36-7/8" Single Hung Wood Clad Window	358.26	47.76
		For Tempered Low-E Insulated Glass, Add	*52.55*	
08 52 16 00-0051	EA	29-5/8" x 36-7/8" Single Hung Wood Clad Window	379.39	49.76
		For Tempered Low-E Insulated Glass, Add	*55.97*	
08 52 16 00-0052	EA	31-5/8" x 36-7/8" Single Hung Wood Clad Window	390.47	51.27
		For Tempered Low-E Insulated Glass, Add	*57.79*	
08 52 16 00-0053	EA	33-5/8" x 36-7/8" Single Hung Wood Clad Window	400.54	52.28
		For Tempered Low-E Insulated Glass, Add	*59.40*	
08 52 16 00-0054	EA	35-5/8" x 36-7/8" Single Hung Wood Clad Window	410.60	53.28
		For Tempered Low-E Insulated Glass, Add	*61.01*	
08 52 16 00-0055	EA	37-5/8" x 36-7/8" Single Hung Wood Clad Window	421.67	53.78
		For Tempered Low-E Insulated Glass, Add	*62.82*	
08 52 16 00-0056	EA	41-5/8" x 36-7/8" Single Hung Wood Clad Window	441.80	55.80
		For Tempered Low-E Insulated Glass, Add	*66.04*	
08 52 16 00-0057	EA	45-5/8" x 36-7/8" Single Hung Wood Clad Window	462.94	57.80
		For Tempered Low-E Insulated Glass, Add	*69.47*	
08 52 16 00-0058		**40-7/8" Height, Single Hung Wood Clad Windows** *(08 52 16 00-0047)*		
08 52 16 00-0059	EA	21-5/8" x 40-7/8" Single Hung Wood Clad Window	358.26	48.26
		For Tempered Low-E Insulated Glass, Add	*52.55*	
08 52 16 00-0060	EA	25-5/8" x 40-7/8" Single Hung Wood Clad Window	379.39	49.76
		For Tempered Low-E Insulated Glass, Add	*55.97*	
08 52 16 00-0061	EA	29-5/8" x 40-7/8" Single Hung Wood Clad Window	400.54	51.78
		For Tempered Low-E Insulated Glass, Add	*59.40*	
08 52 16 00-0062	EA	31-5/8" x 40-7/8" Single Hung Wood Clad Window	410.60	53.28
		For Tempered Low-E Insulated Glass, Add	*61.01*	
08 52 16 00-0063	EA	33-5/8" x 40-7/8" Single Hung Wood Clad Window	421.67	54.29
		For Tempered Low-E Insulated Glass, Add	*62.82*	
08 52 16 00-0064	EA	35-5/8" x 40-7/8" Single Hung Wood Clad Window	431.74	55.29
		For Tempered Low-E Insulated Glass, Add	*64.43*	
08 52 16 00-0065	EA	37-5/8" x 40-7/8" Single Hung Wood Clad Window	441.80	55.80
		For Tempered Low-E Insulated Glass, Add	*66.04*	
08 52 16 00-0066	EA	41-5/8" x 40-7/8" Single Hung Wood Clad Window	462.94	57.80
		For Tempered Low-E Insulated Glass, Add	*69.47*	
08 52 16 00-0067	EA	45-5/8" x 40-7/8" Single Hung Wood Clad Window	484.07	59.82
		For Tempered Low-E Insulated Glass, Add	*72.89*	
08 52 16 00-0068		**44-7/8" Height, Single Hung Wood Clad Windows** *(08 52 16 00-0047)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0069	EA	21-5/8" x 44-7/8" Single Hung Wood Clad Window	379.39	50.26
		For Tempered Low-E Insulated Glass, Add	*55.97*	
08 52 16 00-0070	EA	25-5/8" x 44-7/8" Single Hung Wood Clad Window	400.54	51.78
		For Tempered Low-E Insulated Glass, Add	*59.40*	
08 52 16 00-0071	EA	29-5/8" x 44-7/8" Single Hung Wood Clad Window	421.67	53.78
		For Tempered Low-E Insulated Glass, Add	*62.82*	
08 52 16 00-0072	EA	31-5/8" x 44-7/8" Single Hung Wood Clad Window	431.74	55.29
		For Tempered Low-E Insulated Glass, Add	*64.43*	
08 52 16 00-0073	EA	33-5/8" x 44-7/8" Single Hung Wood Clad Window	441.80	56.30
		For Tempered Low-E Insulated Glass, Add	*66.04*	
08 52 16 00-0074	EA	35-5/8" x 44-7/8" Single Hung Wood Clad Window	452.87	57.30
		For Tempered Low-E Insulated Glass, Add	*67.85*	
08 52 16 00-0075	EA	37-5/8" x 44-7/8" Single Hung Wood Clad Window	462.94	57.80
		For Tempered Low-E Insulated Glass, Add	*69.47*	
08 52 16 00-0076	EA	41-5/8" x 44-7/8" Single Hung Wood Clad Window	484.07	59.82
		For Tempered Low-E Insulated Glass, Add	*72.89*	
08 52 16 00-0077	EA	45-5/8" x 44-7/8" Single Hung Wood Clad Window	505.21	61.82
		For Tempered Low-E Insulated Glass, Add	*76.31*	
08 52 16 00-0078		**48-7/8" Height, Single Hung Wood Clad Windows** *(08 52 16 00-0047)*		
08 52 16 00-0079	EA	21-5/8" x 48-7/8" Single Hung Wood Clad Window	400.54	52.28
		For Tempered Low-E Insulated Glass, Add	*59.40*	
08 52 16 00-0080	EA	25-5/8" x 48-7/8" Single Hung Wood Clad Window	421.67	53.78
		For Tempered Low-E Insulated Glass, Add	*62.82*	
08 52 16 00-0081	EA	29-5/8" x 48-7/8" Single Hung Wood Clad Window	441.80	55.80
		For Tempered Low-E Insulated Glass, Add	*66.04*	
08 52 16 00-0082	EA	31-5/8" x 48-7/8" Single Hung Wood Clad Window	452.87	57.30
		For Tempered Low-E Insulated Glass, Add	*67.85*	
08 52 16 00-0083	EA	33-5/8" x 48-7/8" Single Hung Wood Clad Window	462.94	58.31
		For Tempered Low-E Insulated Glass, Add	*69.47*	
08 52 16 00-0084	EA	35-5/8" x 48-7/8" Single Hung Wood Clad Window	473.00	59.31
		For Tempered Low-E Insulated Glass, Add	*71.08*	
08 52 16 00-0085	EA	37-5/8" x 48-7/8" Single Hung Wood Clad Window	484.07	59.82
		For Tempered Low-E Insulated Glass, Add	*72.89*	
08 52 16 00-0086	EA	41-5/8" x 48-7/8" Single Hung Wood Clad Window	505.21	61.82
		For Tempered Low-E Insulated Glass, Add	*76.31*	
08 52 16 00-0087	EA	45-5/8" x 48-7/8" Single Hung Wood Clad Window	525.34	63.84
		For Tempered Low-E Insulated Glass, Add	*79.53*	
08 52 16 00-0088		**52-7/8" Height, Single Hung Wood Clad Windows** *(08 52 16 00-0047)*		
08 52 16 00-0089	EA	21-5/8" x 52-7/8" Single Hung Wood Clad Window	421.67	54.29
		For Tempered Low-E Insulated Glass, Add	*62.82*	
08 52 16 00-0090	EA	25-5/8" x 52-7/8" Single Hung Wood Clad Window	441.80	55.80
		For Tempered Low-E Insulated Glass, Add	*66.04*	
08 52 16 00-0091	EA	29-5/8" x 52-7/8" Single Hung Wood Clad Window	462.94	57.80
		For Tempered Low-E Insulated Glass, Add	*69.47*	
08 52 16 00-0092	EA	31-5/8" x 52-7/8" Single Hung Wood Clad Window	473.00	59.31
		For Tempered Low-E Insulated Glass, Add	*71.08*	
08 52 16 00-0093	EA	33-5/8" x 52-7/8" Single Hung Wood Clad Window	484.07	60.32
		For Tempered Low-E Insulated Glass, Add	*72.89*	
08 52 16 00-0094	EA	35-5/8" x 52-7/8" Single Hung Wood Clad Window	494.13	61.33
		For Tempered Low-E Insulated Glass, Add	*74.50*	
08 52 16 00-0095	EA	37-5/8" x 52-7/8" Single Hung Wood Clad Window	505.21	61.82
		For Tempered Low-E Insulated Glass, Add	*76.31*	
08 52 16 00-0096	EA	41-5/8" x 52-7/8" Single Hung Wood Clad Window	525.34	63.84
		For Tempered Low-E Insulated Glass, Add	*79.53*	
08 52 16 00-0097	EA	45-5/8" x 52-7/8" Single Hung Wood Clad Window	546.48	65.84
		For Tempered Low-E Insulated Glass, Add	*82.96*	
08 52 16 00-0098		**56-7/8" Height, Single Hung Wood Clad Windows** *(08 52 16 00-0047)*		
08 52 16 00-0099	EA	21-5/8" x 56-7/8" Single Hung Wood Clad Window	441.80	56.30
		For Tempered Low-E Insulated Glass, Add	*66.04*	
08 52 16 00-0100	EA	25-5/8" x 56-7/8" Single Hung Wood Clad Window	462.94	57.80
		For Tempered Low-E Insulated Glass, Add	*69.47*	
08 52 16 00-0101	EA	29-5/8" x 56-7/8" Single Hung Wood Clad Window	484.07	59.82
		For Tempered Low-E Insulated Glass, Add	*72.89*	
08 52 16 00-0102	EA	31-5/8" x 56-7/8" Single Hung Wood Clad Window	494.13	61.33
		For Tempered Low-E Insulated Glass, Add	*74.50*	
08 52 16 00-0103	EA	33-5/8" x 56-7/8" Single Hung Wood Clad Window	505.21	62.33
		For Tempered Low-E Insulated Glass, Add	*76.31*	
08 52 16 00-0104	EA	35-5/8" x 56-7/8" Single Hung Wood Clad Window	515.27	63.33
		For Tempered Low-E Insulated Glass, Add	*77.92*	
08 52 16 00-0105	EA	37-5/8" x 56-7/8" Single Hung Wood Clad Window	525.34	63.84
		For Tempered Low-E Insulated Glass, Add	*79.53*	
08 52 16 00-0106	EA	41-5/8" x 56-7/8" Single Hung Wood Clad Window	546.48	65.84
		For Tempered Low-E Insulated Glass, Add	*82.96*	
08 52 16 00-0107	EA	45-5/8" x 56-7/8" Single Hung Wood Clad Window	567.61	67.86
		For Tempered Low-E Insulated Glass, Add	*86.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0108		**60-7/8" Height, Single Hung Wood Clad Windows** *(08 52 16 00-0047)*		
08 52 16 00-0109	EA	21-5/8" x 60-7/8" Single Hung Wood Clad Window	462.94	58.31
		For Tempered Low-E Insulated Glass, Add	*69.47*	
08 52 16 00-0110	EA	25-5/8" x 60-7/8" Single Hung Wood Clad Window	484.07	59.82
		For Tempered Low-E Insulated Glass, Add	*72.89*	
08 52 16 00-0111	EA	29-5/8" x 60-7/8" Single Hung Wood Clad Window	505.21	61.82
		For Tempered Low-E Insulated Glass, Add	*76.31*	
08 52 16 00-0112	EA	31-5/8" x 60-7/8" Single Hung Wood Clad Window	515.27	63.33
		For Tempered Low-E Insulated Glass, Add	*77.92*	
08 52 16 00-0113	EA	33-5/8" x 60-7/8" Single Hung Wood Clad Window	525.34	64.34
		For Tempered Low-E Insulated Glass, Add	*79.53*	
08 52 16 00-0114	EA	35-5/8" x 60-7/8" Single Hung Wood Clad Window	536.40	65.35
		For Tempered Low-E Insulated Glass, Add	*81.34*	
08 52 16 00-0115	EA	37-5/8" x 60-7/8" Single Hung Wood Clad Window	546.48	65.84
		For Tempered Low-E Insulated Glass, Add	*82.96*	
08 52 16 00-0116	EA	41-5/8" x 60-7/8" Single Hung Wood Clad Window	567.61	67.86
		For Tempered Low-E Insulated Glass, Add	*86.38*	
08 52 16 00-0117	EA	45-5/8" x 60-7/8" Single Hung Wood Clad Window	587.74	69.86
		For Tempered Low-E Insulated Glass, Add	*89.60*	
08 52 16 00-0118		**64-7/8" Height, Single Hung Wood Clad Windows** *(08 52 16 00-0047)*		
08 52 16 00-0119	EA	21-5/8" x 64-7/8" Single Hung Wood Clad Window	484.07	60.32
		For Tempered Low-E Insulated Glass, Add	*72.89*	
08 52 16 00-0120	EA	25-5/8" x 64-7/8" Single Hung Wood Clad Window	505.21	61.82
		For Tempered Low-E Insulated Glass, Add	*76.31*	
08 52 16 00-0121	EA	29-5/8" x 64-7/8" Single Hung Wood Clad Window	525.34	63.84
		For Tempered Low-E Insulated Glass, Add	*79.53*	
08 52 16 00-0122	EA	31-5/8" x 64-7/8" Single Hung Wood Clad Window	536.40	65.35
		For Tempered Low-E Insulated Glass, Add	*81.34*	
08 52 16 00-0123	EA	33-5/8" x 64-7/8" Single Hung Wood Clad Window	546.48	66.35
		For Tempered Low-E Insulated Glass, Add	*82.96*	
08 52 16 00-0124	EA	35-5/8" x 64-7/8" Single Hung Wood Clad Window	556.53	67.36
		For Tempered Low-E Insulated Glass, Add	*84.57*	
08 52 16 00-0125	EA	37-5/8" x 64-7/8" Single Hung Wood Clad Window	567.61	67.86
		For Tempered Low-E Insulated Glass, Add	*86.38*	
08 52 16 00-0126	EA	41-5/8" x 64-7/8" Single Hung Wood Clad Window	587.74	69.86
		For Tempered Low-E Insulated Glass, Add	*89.60*	
08 52 16 00-0127	EA	45-5/8" x 64-7/8" Single Hung Wood Clad Window	608.87	71.88
		For Tempered Low-E Insulated Glass, Add	*93.02*	
08 52 16 00-0128		**68-7/8" Height, Single Hung Wood Clad Windows** *(08 52 16 00-0047)*		
08 52 16 00-0129	EA	21-5/8" x 68-7/8" Single Hung Wood Clad Window	505.21	62.33
		For Tempered Low-E Insulated Glass, Add	*76.31*	
08 52 16 00-0130	EA	25-5/8" x 68-7/8" Single Hung Wood Clad Window	525.34	63.84
		For Tempered Low-E Insulated Glass, Add	*79.53*	
08 52 16 00-0131	EA	29-5/8" x 68-7/8" Single Hung Wood Clad Window	546.48	65.84
		For Tempered Low-E Insulated Glass, Add	*82.96*	
08 52 16 00-0132	EA	31-5/8" x 68-7/8" Single Hung Wood Clad Window	556.53	67.36
		For Tempered Low-E Insulated Glass, Add	*84.57*	
08 52 16 00-0133	EA	33-5/8" x 68-7/8" Single Hung Wood Clad Window	567.61	68.36
		For Tempered Low-E Insulated Glass, Add	*86.38*	
08 52 16 00-0134	EA	35-5/8" x 68-7/8" Single Hung Wood Clad Window	577.67	69.37
		For Tempered Low-E Insulated Glass, Add	*87.99*	
08 52 16 00-0135	EA	37-5/8" x 68-7/8" Single Hung Wood Clad Window	587.74	69.86
		For Tempered Low-E Insulated Glass, Add	*89.60*	
08 52 16 00-0136	EA	41-5/8" x 68-7/8" Single Hung Wood Clad Window	608.87	71.88
		For Tempered Low-E Insulated Glass, Add	*93.02*	
08 52 16 00-0137	EA	45-5/8" x 68-7/8" Single Hung Wood Clad Window	630.01	73.90
		For Tempered Low-E Insulated Glass, Add	*96.45*	
08 52 16 00-0138		**72-7/8" Height, Single Hung Wood Clad Windows** *(08 52 16 00-0047)*		
08 52 16 00-0139	EA	21-5/8" x 72-7/8" Single Hung Wood Clad Window	525.34	64.34
		For Tempered Low-E Insulated Glass, Add	*79.53*	
08 52 16 00-0140	EA	25-5/8" x 72-7/8" Single Hung Wood Clad Window	546.48	65.84
		For Tempered Low-E Insulated Glass, Add	*82.96*	
08 52 16 00-0141	EA	29-5/8" x 72-7/8" Single Hung Wood Clad Window	567.61	67.86
		For Tempered Low-E Insulated Glass, Add	*86.38*	
08 52 16 00-0142	EA	31-5/8" x 72-7/8" Single Hung Wood Clad Window	577.67	69.37
		For Tempered Low-E Insulated Glass, Add	*87.99*	
08 52 16 00-0143	EA	33-5/8" x 72-7/8" Single Hung Wood Clad Window	587.74	70.37
		For Tempered Low-E Insulated Glass, Add	*89.60*	
08 52 16 00-0144	EA	35-5/8" x 72-7/8" Single Hung Wood Clad Window	598.80	71.38
		For Tempered Low-E Insulated Glass, Add	*91.41*	
08 52 16 00-0145	EA	37-5/8" x 72-7/8" Single Hung Wood Clad Window	608.87	71.88
		For Tempered Low-E Insulated Glass, Add	*93.02*	
08 52 16 00-0146	EA	41-5/8" x 72-7/8" Single Hung Wood Clad Window	630.01	73.90
		For Tempered Low-E Insulated Glass, Add	*96.45*	
08 52 16 00-0147	EA	45-5/8" x 72-7/8" Single Hung Wood Clad Window	651.14	75.90
		For Tempered Low-E Insulated Glass, Add	*99.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0148		**76-7/8" Height, Single Hung Wood Clad Windows** *(08 52 16 00-0047)*		
08 52 16 00-0149	EA	21-5/8" x 76-7/8" Single Hung Wood Clad Window	546.48	66.35
		For Tempered Low-E Insulated Glass, Add	*82.96*	
08 52 16 00-0150	EA	25-5/8" x 76-7/8" Single Hung Wood Clad Window	567.61	67.86
		For Tempered Low-E Insulated Glass, Add	*86.38*	
08 52 16 00-0151	EA	29-5/8" x 76-7/8" Single Hung Wood Clad Window	587.74	69.86
		For Tempered Low-E Insulated Glass, Add	*89.60*	
08 52 16 00-0152	EA	31-5/8" x 76-7/8" Single Hung Wood Clad Window	598.80	71.38
		For Tempered Low-E Insulated Glass, Add	*91.41*	
08 52 16 00-0153	EA	33-5/8" x 76-7/8" Single Hung Wood Clad Window	608.87	72.38
		For Tempered Low-E Insulated Glass, Add	*93.02*	
08 52 16 00-0154	EA	35-5/8" x 76-7/8" Single Hung Wood Clad Window	619.94	73.39
		For Tempered Low-E Insulated Glass, Add	*94.83*	
08 52 16 00-0155	EA	37-5/8" x 76-7/8" Single Hung Wood Clad Window	630.01	73.90
		For Tempered Low-E Insulated Glass, Add	*96.45*	
08 52 16 00-0156	EA	41-5/8" x 76-7/8" Single Hung Wood Clad Window	651.14	75.90
		For Tempered Low-E Insulated Glass, Add	*99.87*	
08 52 16 00-0157	EA	45-5/8" x 76-7/8" Single Hung Wood Clad Window	671.27	77.92
		For Tempered Low-E Insulated Glass, Add	*103.09*	
08 52 16 00-0158		**84-7/8" Height, Single Hung Wood Clad Windows** *(08 52 16 00-0047)*		
08 52 16 00-0159	EA	21-5/8" x 84-7/8" Single Hung Wood Clad Window	827.33	70.37
		For Tempered Low-E Insulated Glass, Add	*137.52*	
08 52 16 00-0160	EA	25-5/8" x 84-7/8" Single Hung Wood Clad Window	856.52	71.88
		For Tempered Low-E Insulated Glass, Add	*142.55*	
08 52 16 00-0161	EA	29-5/8" x 84-7/8" Single Hung Wood Clad Window	885.71	73.90
		For Tempered Low-E Insulated Glass, Add	*147.59*	
08 52 16 00-0162	EA	31-5/8" x 84-7/8" Single Hung Wood Clad Window	899.81	75.40
		For Tempered Low-E Insulated Glass, Add	*150.00*	
08 52 16 00-0163	EA	33-5/8" x 84-7/8" Single Hung Wood Clad Window	914.90	76.40
		For Tempered Low-E Insulated Glass, Add	*152.62*	
08 52 16 00-0164	EA	35-5/8" x 84-7/8" Single Hung Wood Clad Window	929.00	77.41
		For Tempered Low-E Insulated Glass, Add	*155.04*	
08 52 16 00-0165	EA	37-5/8" x 84-7/8" Single Hung Wood Clad Window	943.08	77.92
		For Tempered Low-E Insulated Glass, Add	*157.45*	
08 52 16 00-0166	EA	41-5/8" x 84-7/8" Single Hung Wood Clad Window	972.27	79.92
		For Tempered Low-E Insulated Glass, Add	*162.49*	
08 52 16 00-0167	EA	45-5/8" x 84-7/8" Single Hung Wood Clad Window	1,001.46	81.94
		For Tempered Low-E Insulated Glass, Add	*167.52*	
08 52 16 00-0168		**88-7/8" Height, Single Hung Wood Clad Windows** *(08 52 16 00-0047)*		
08 52 16 00-0169	EA	21-5/8" x 88-7/8" Single Hung Wood Clad Window	856.52	72.38
		For Tempered Low-E Insulated Glass, Add	*142.55*	
08 52 16 00-0170	EA	25-5/8" x 88-7/8" Single Hung Wood Clad Window	885.71	73.90
		For Tempered Low-E Insulated Glass, Add	*147.59*	
08 52 16 00-0171	EA	29-5/8" x 88-7/8" Single Hung Wood Clad Window	914.90	75.90
		For Tempered Low-E Insulated Glass, Add	*152.62*	
08 52 16 00-0172	EA	31-5/8" x 88-7/8" Single Hung Wood Clad Window	929.00	77.41
		For Tempered Low-E Insulated Glass, Add	*155.04*	
08 52 16 00-0173	EA	33-5/8" x 88-7/8" Single Hung Wood Clad Window	943.08	78.41
		For Tempered Low-E Insulated Glass, Add	*157.45*	
08 52 16 00-0174	EA	35-5/8" x 88-7/8" Single Hung Wood Clad Window	958.19	79.42
		For Tempered Low-E Insulated Glass, Add	*160.07*	
08 52 16 00-0175	EA	37-5/8" x 88-7/8" Single Hung Wood Clad Window	972.27	79.92
		For Tempered Low-E Insulated Glass, Add	*162.49*	
08 52 16 00-0176	EA	41-5/8" x 88-7/8" Single Hung Wood Clad Window	1,001.46	81.94
		For Tempered Low-E Insulated Glass, Add	*167.52*	
08 52 16 00-0177	EA	45-5/8" x 88-7/8" Single Hung Wood Clad Window	1,030.64	83.94
		For Tempered Low-E Insulated Glass, Add	*172.55*	
08 52 16 00-0178		**Double Hung Wood Clad Windows** *(08 52 16)*		
		Note: Double hung windows feature two movable sashes that operate vertically and open independently.		
08 52 16 00-0179		**Double Hung Wood Clad Windows (Andersen 200 TW Series)** *(08 52 16 00-0178)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0180		**35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)** *(08 52 16 00-0179)*		
08 52 16 00-0181	EA	23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	311.60	46.24
		For Low-E Insulated Glass, Add	*26.29*	
		For Tempered Clear Insulated Glass, Add	*43.82*	
08 52 16 00-0182	EA	27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	329.84	48.26
		For Low-E Insulated Glass, Add	*28.00*	
		For Tempered Clear Insulated Glass, Add	*46.67*	
08 52 16 00-0183	EA	31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	346.89	50.26
		For Low-E Insulated Glass, Add	*29.56*	
		For Tempered Clear Insulated Glass, Add	*49.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0184	EA	35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	363.93	52.28
		For Low-E Insulated Glass, Add	*31.13*	
		For Tempered Clear Insulated Glass, Add	*51.88*	
08 52 16 00-0185		41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0179)*		
08 52 16 00-0186	EA	23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	337.77	49.26
		For Low-E Insulated Glass, Add	*28.71*	
		For Tempered Clear Insulated Glass, Add	*47.85*	
08 52 16 00-0187	EA	27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	356.00	51.27
		For Low-E Insulated Glass, Add	*30.42*	
		For Tempered Clear Insulated Glass, Add	*50.69*	
08 52 16 00-0188	EA	31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	373.06	53.28
		For Low-E Insulated Glass, Add	*31.98*	
		For Tempered Clear Insulated Glass, Add	*53.30*	
08 52 16 00-0189	EA	35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	390.11	55.29
		For Low-E Insulated Glass, Add	*33.54*	
		For Tempered Clear Insulated Glass, Add	*55.90*	
08 52 16 00-0190		47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0179)*		
08 52 16 00-0191	EA	23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	363.93	52.28
		For Low-E Insulated Glass, Add	*31.13*	
		For Tempered Clear Insulated Glass, Add	*51.88*	
08 52 16 00-0192	EA	27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	380.98	54.29
		For Low-E Insulated Glass, Add	*32.69*	
		For Tempered Clear Insulated Glass, Add	*54.48*	
08 52 16 00-0193	EA	31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	399.21	56.30
		For Low-E Insulated Glass, Add	*34.39*	
		For Tempered Clear Insulated Glass, Add	*57.32*	
08 52 16 00-0194	EA	35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	416.26	58.31
		For Low-E Insulated Glass, Add	*35.96*	
		For Tempered Clear Insulated Glass, Add	*59.93*	
08 52 16 00-0195		53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0179)*		
08 52 16 00-0196	EA	23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	390.11	55.29
		For Low-E Insulated Glass, Add	*33.54*	
		For Tempered Clear Insulated Glass, Add	*55.90*	
08 52 16 00-0197	EA	27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	407.16	57.30
		For Low-E Insulated Glass, Add	*35.11*	
		For Tempered Clear Insulated Glass, Add	*58.51*	
08 52 16 00-0198	EA	31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	424.21	59.31
		For Low-E Insulated Glass, Add	*36.67*	
		For Tempered Clear Insulated Glass, Add	*61.12*	
08 52 16 00-0199	EA	35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	442.44	61.33
		For Low-E Insulated Glass, Add	*38.37*	
		For Tempered Clear Insulated Glass, Add	*63.96*	
08 52 16 00-0200		56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0179)*		
08 52 16 00-0201	EA	19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	385.55	55.29
		For Low-E Insulated Glass, Add	*33.12*	
		For Tempered Clear Insulated Glass, Add	*55.19*	
08 52 16 00-0202	EA	23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	402.59	56.80
		For Low-E Insulated Glass, Add	*34.68*	
		For Tempered Clear Insulated Glass, Add	*57.80*	
08 52 16 00-0203	EA	27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	420.83	59.31
		For Low-E Insulated Glass, Add	*36.39*	
		For Tempered Clear Insulated Glass, Add	*60.64*	
08 52 16 00-0204	EA	31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	437.87	61.33
		For Low-E Insulated Glass, Add	*37.95*	
		For Tempered Clear Insulated Glass, Add	*63.25*	
08 52 16 00-0205	EA	35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	454.92	63.33
		For Low-E Insulated Glass, Add	*39.51*	
		For Tempered Clear Insulated Glass, Add	*65.85*	
08 52 16 00-0206	EA	39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	471.97	65.35
		For Low-E Insulated Glass, Add	*41.07*	
		For Tempered Clear Insulated Glass, Add	*68.46*	
08 52 16 00-0207		59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0179)*		
08 52 16 00-0208	EA	19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	399.21	56.30
		For Low-E Insulated Glass, Add	*34.39*	
		For Tempered Clear Insulated Glass, Add	*57.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0209	EA	23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	416.26	58.31
		For Low-E Insulated Glass, Add	*35.96*	
		For Tempered Clear Insulated Glass, Add	*59.93*	
08 52 16 00-0210	EA	27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	433.31	60.32
		For Low-E Insulated Glass, Add	*37.52*	
		For Tempered Clear Insulated Glass, Add	*62.54*	
08 52 16 00-0211	EA	31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	450.37	62.33
		For Low-E Insulated Glass, Add	*39.09*	
		For Tempered Clear Insulated Glass, Add	*65.14*	
08 52 16 00-0212	EA	35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	467.42	64.34
		For Low-E Insulated Glass, Add	*40.65*	
		For Tempered Clear Insulated Glass, Add	*67.75*	
08 52 16 00-0213	EA	39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	485.65	66.35
		For Low-E Insulated Glass, Add	*42.35*	
		For Tempered Clear Insulated Glass, Add	*70.59*	
08 52 16 00-0214		65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0179)*		
08 52 16 00-0215	EA	23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	442.44	61.33
		For Low-E Insulated Glass, Add	*38.37*	
		For Tempered Clear Insulated Glass, Add	*63.96*	
08 52 16 00-0216	EA	27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	459.49	63.33
		For Low-E Insulated Glass, Add	*39.94*	
		For Tempered Clear Insulated Glass, Add	*66.56*	
08 52 16 00-0217	EA	31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	476.53	65.35
		For Low-E Insulated Glass, Add	*41.50*	
		For Tempered Clear Insulated Glass, Add	*69.17*	
08 52 16 00-0218	EA	35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	493.58	67.36
		For Low-E Insulated Glass, Add	*43.06*	
		For Tempered Clear Insulated Glass, Add	*71.77*	
08 52 16 00-0219		71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0179)*		
08 52 16 00-0220	EA	23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	467.42	64.34
		For Low-E Insulated Glass, Add	*40.65*	
		For Tempered Clear Insulated Glass, Add	*67.75*	
08 52 16 00-0221	EA	27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	485.65	66.35
		For Low-E Insulated Glass, Add	*42.35*	
		For Tempered Clear Insulated Glass, Add	*70.59*	
08 52 16 00-0222	EA	31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	502.71	68.36
		For Low-E Insulated Glass, Add	*43.92*	
		For Tempered Clear Insulated Glass, Add	*73.20*	
08 52 16 00-0223	EA	35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	519.76	70.37
		For Low-E Insulated Glass, Add	*45.48*	
		For Tempered Clear Insulated Glass, Add	*75.80*	
08 52 16 00-0224		Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0178)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0225		36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*		
08 52 16 00-0226	EA	21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	381.66	46.24
		For Tempered Low-E Insulated Glass, Add	*58.04*	
08 52 16 00-0227	EA	25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	404.63	47.76
		For Tempered Low-E Insulated Glass, Add	*61.83*	
08 52 16 00-0228	EA	29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	428.78	49.76
		For Tempered Low-E Insulated Glass, Add	*65.85*	
08 52 16 00-0229	EA	31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	441.46	51.27
		For Tempered Low-E Insulated Glass, Add	*67.98*	
08 52 16 00-0230	EA	33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	452.95	52.28
		For Tempered Low-E Insulated Glass, Add	*69.88*	
08 52 16 00-0231	EA	35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	464.43	53.28
		For Tempered Low-E Insulated Glass, Add	*71.77*	
08 52 16 00-0232	EA	37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	477.10	53.78
		For Tempered Low-E Insulated Glass, Add	*73.91*	
08 52 16 00-0233	EA	41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	500.07	55.80
		For Tempered Low-E Insulated Glass, Add	*77.70*	
08 52 16 00-0234	EA	45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	524.23	57.80
		For Tempered Low-E Insulated Glass, Add	*81.72*	
08 52 16 00-0235		40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*		
08 52 16 00-0236	EA	21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	404.63	48.26
		For Tempered Low-E Insulated Glass, Add	*61.83*	
08 52 16 00-0237	EA	25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	428.78	49.76
		For Tempered Low-E Insulated Glass, Add	*65.85*	
08 52 16 00-0238	EA	29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	452.95	51.78
		For Tempered Low-E Insulated Glass, Add	*69.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0239	EA	31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	464.43	53.28
		For Tempered Low-E Insulated Glass, Add	*71.77*	
08 52 16 00-0240	EA	33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	477.10	54.29
		For Tempered Low-E Insulated Glass, Add	*73.91*	
08 52 16 00-0241	EA	35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	488.59	55.29
		For Tempered Low-E Insulated Glass, Add	*75.80*	
08 52 16 00-0242	EA	37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	500.07	55.80
		For Tempered Low-E Insulated Glass, Add	*77.70*	
08 52 16 00-0243	EA	41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	524.23	57.80
		For Tempered Low-E Insulated Glass, Add	*81.72*	
08 52 16 00-0244	EA	45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	548.38	59.82
		For Tempered Low-E Insulated Glass, Add	*85.75*	

08 52 16 00-0245 44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0246	EA	21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	428.78	50.26
		For Tempered Low-E Insulated Glass, Add	*65.85*	
08 52 16 00-0247	EA	25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	452.95	51.78
		For Tempered Low-E Insulated Glass, Add	*69.88*	
08 52 16 00-0248	EA	29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	477.10	53.78
		For Tempered Low-E Insulated Glass, Add	*73.91*	
08 52 16 00-0249	EA	31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	488.59	55.29
		For Tempered Low-E Insulated Glass, Add	*75.80*	
08 52 16 00-0250	EA	33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	500.07	56.30
		For Tempered Low-E Insulated Glass, Add	*77.70*	
08 52 16 00-0251	EA	35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	512.74	57.30
		For Tempered Low-E Insulated Glass, Add	*79.83*	
08 52 16 00-0252	EA	37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	524.23	57.80
		For Tempered Low-E Insulated Glass, Add	*81.72*	
08 52 16 00-0253	EA	41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	548.38	59.82
		For Tempered Low-E Insulated Glass, Add	*85.75*	
08 52 16 00-0254	EA	45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	572.55	61.82
		For Tempered Low-E Insulated Glass, Add	*89.78*	

08 52 16 00-0255 48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0256	EA	21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	452.95	52.28
		For Tempered Low-E Insulated Glass, Add	*69.88*	
08 52 16 00-0257	EA	25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	477.10	53.78
		For Tempered Low-E Insulated Glass, Add	*73.91*	
08 52 16 00-0258	EA	29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	500.07	55.80
		For Tempered Low-E Insulated Glass, Add	*77.70*	
08 52 16 00-0259	EA	31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	512.74	57.30
		For Tempered Low-E Insulated Glass, Add	*79.83*	
08 52 16 00-0260	EA	33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	524.23	58.31
		For Tempered Low-E Insulated Glass, Add	*81.72*	
08 52 16 00-0261	EA	35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	535.71	59.31
		For Tempered Low-E Insulated Glass, Add	*83.62*	
08 52 16 00-0262	EA	37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	548.38	59.82
		For Tempered Low-E Insulated Glass, Add	*85.75*	
08 52 16 00-0263	EA	41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	572.55	61.82
		For Tempered Low-E Insulated Glass, Add	*89.78*	
08 52 16 00-0264	EA	45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	595.52	63.84
		For Tempered Low-E Insulated Glass, Add	*93.57*	

08 52 16 00-0265 52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0266	EA	21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	477.10	54.29
		For Tempered Low-E Insulated Glass, Add	*73.91*	
08 52 16 00-0267	EA	25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	500.07	55.80
		For Tempered Low-E Insulated Glass, Add	*77.70*	
08 52 16 00-0268	EA	29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	524.23	57.80
		For Tempered Low-E Insulated Glass, Add	*81.72*	
08 52 16 00-0269	EA	31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	535.71	59.31
		For Tempered Low-E Insulated Glass, Add	*83.62*	
08 52 16 00-0270	EA	33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	548.38	60.32
		For Tempered Low-E Insulated Glass, Add	*85.75*	
08 52 16 00-0271	EA	35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	559.87	61.33
		For Tempered Low-E Insulated Glass, Add	*87.65*	
08 52 16 00-0272	EA	37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	572.55	61.82
		For Tempered Low-E Insulated Glass, Add	*89.78*	
08 52 16 00-0273	EA	41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	595.52	63.84
		For Tempered Low-E Insulated Glass, Add	*93.57*	
08 52 16 00-0274	EA	45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	619.67	65.84
		For Tempered Low-E Insulated Glass, Add	*97.59*	

08 52 16 00-0275 56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

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08 52 16 00-0276	EA	21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	500.07	56.30
		For Tempered Low-E Insulated Glass, Add	*77.70*	
08 52 16 00-0277	EA	25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	524.23	57.80
		For Tempered Low-E Insulated Glass, Add	*81.72*	
08 52 16 00-0278	EA	29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	548.38	59.82
		For Tempered Low-E Insulated Glass, Add	*85.75*	
08 52 16 00-0279	EA	31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	559.87	61.33
		For Tempered Low-E Insulated Glass, Add	*87.65*	
08 52 16 00-0280	EA	33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	572.55	62.33
		For Tempered Low-E Insulated Glass, Add	*89.78*	
08 52 16 00-0281	EA	35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	584.02	63.33
		For Tempered Low-E Insulated Glass, Add	*91.67*	
08 52 16 00-0282	EA	37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	595.52	63.84
		For Tempered Low-E Insulated Glass, Add	*93.57*	
08 52 16 00-0283	EA	41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	619.67	65.84
		For Tempered Low-E Insulated Glass, Add	*97.59*	
08 52 16 00-0284	EA	45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.83	67.86
		For Tempered Low-E Insulated Glass, Add	*101.62*	

08 52 16 00-0285 60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0286	EA	21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	524.23	58.31
		For Tempered Low-E Insulated Glass, Add	*81.72*	
08 52 16 00-0287	EA	25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	548.38	59.82
		For Tempered Low-E Insulated Glass, Add	*85.75*	
08 52 16 00-0288	EA	29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	572.55	61.82
		For Tempered Low-E Insulated Glass, Add	*89.78*	
08 52 16 00-0289	EA	31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	584.02	63.33
		For Tempered Low-E Insulated Glass, Add	*91.67*	
08 52 16 00-0290	EA	33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	595.52	64.34
		For Tempered Low-E Insulated Glass, Add	*93.57*	
08 52 16 00-0291	EA	35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	608.18	65.35
		For Tempered Low-E Insulated Glass, Add	*95.70*	
08 52 16 00-0292	EA	37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	619.67	65.84
		For Tempered Low-E Insulated Glass, Add	*97.59*	
08 52 16 00-0293	EA	41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.83	67.86
		For Tempered Low-E Insulated Glass, Add	*101.62*	
08 52 16 00-0294	EA	45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	666.80	69.86
		For Tempered Low-E Insulated Glass, Add	*105.41*	

08 52 16 00-0295 64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0296	EA	21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	548.38	60.32
		For Tempered Low-E Insulated Glass, Add	*85.75*	
08 52 16 00-0297	EA	25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	572.55	61.82
		For Tempered Low-E Insulated Glass, Add	*89.78*	
08 52 16 00-0298	EA	29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	595.52	63.84
		For Tempered Low-E Insulated Glass, Add	*93.57*	
08 52 16 00-0299	EA	31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	608.18	65.35
		For Tempered Low-E Insulated Glass, Add	*95.70*	
08 52 16 00-0300	EA	33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	619.67	66.35
		For Tempered Low-E Insulated Glass, Add	*97.59*	
08 52 16 00-0301	EA	35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	631.15	67.36
		For Tempered Low-E Insulated Glass, Add	*99.49*	
08 52 16 00-0302	EA	37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.83	67.86
		For Tempered Low-E Insulated Glass, Add	*101.62*	
08 52 16 00-0303	EA	41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	666.80	69.86
		For Tempered Low-E Insulated Glass, Add	*105.41*	
08 52 16 00-0304	EA	45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	690.95	71.88
		For Tempered Low-E Insulated Glass, Add	*109.44*	

08 52 16 00-0305 68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0306	EA	21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	572.55	62.33
		For Tempered Low-E Insulated Glass, Add	*89.78*	
08 52 16 00-0307	EA	25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	595.52	63.84
		For Tempered Low-E Insulated Glass, Add	*93.57*	
08 52 16 00-0308	EA	29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	619.67	65.84
		For Tempered Low-E Insulated Glass, Add	*97.59*	
08 52 16 00-0309	EA	31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	631.15	67.36
		For Tempered Low-E Insulated Glass, Add	*99.49*	
08 52 16 00-0310	EA	33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.83	68.36
		For Tempered Low-E Insulated Glass, Add	*101.62*	
08 52 16 00-0311	EA	35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	655.30	69.37
		For Tempered Low-E Insulated Glass, Add	*103.52*	
08 52 16 00-0312	EA	37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	666.80	69.86
		For Tempered Low-E Insulated Glass, Add	*105.41*	
08 52 16 00-0313	EA	41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	690.95	71.88
		For Tempered Low-E Insulated Glass, Add	*109.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0314	EA	45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	715.11	73.90
		For Tempered Low-E Insulated Glass, Add	*113.47*	

08 52 16 00-0315 72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0316	EA	21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	595.52	64.34
		For Tempered Low-E Insulated Glass, Add	*93.57*	
08 52 16 00-0317	EA	25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	619.67	65.84
		For Tempered Low-E Insulated Glass, Add	*97.59*	
08 52 16 00-0318	EA	29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.83	67.86
		For Tempered Low-E Insulated Glass, Add	*101.62*	
08 52 16 00-0319	EA	31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	655.30	69.37
		For Tempered Low-E Insulated Glass, Add	*103.52*	
08 52 16 00-0320	EA	33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	666.80	70.37
		For Tempered Low-E Insulated Glass, Add	*105.41*	
08 52 16 00-0321	EA	35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	679.46	71.38
		For Tempered Low-E Insulated Glass, Add	*107.54*	
08 52 16 00-0322	EA	37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	690.95	71.88
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0323	EA	41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	715.11	73.90
		For Tempered Low-E Insulated Glass, Add	*113.47*	
08 52 16 00-0324	EA	45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	739.26	75.90
		For Tempered Low-E Insulated Glass, Add	*117.49*	

08 52 16 00-0325 76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0326	EA	21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	619.67	66.35
		For Tempered Low-E Insulated Glass, Add	*97.59*	
08 52 16 00-0327	EA	25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.83	67.86
		For Tempered Low-E Insulated Glass, Add	*101.62*	
08 52 16 00-0328	EA	29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	666.80	69.86
		For Tempered Low-E Insulated Glass, Add	*105.41*	
08 52 16 00-0329	EA	31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	679.46	71.38
		For Tempered Low-E Insulated Glass, Add	*107.54*	
08 52 16 00-0330	EA	33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	690.95	72.38
		For Tempered Low-E Insulated Glass, Add	*109.44*	
08 52 16 00-0331	EA	35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	703.62	73.39
		For Tempered Low-E Insulated Glass, Add	*111.57*	
08 52 16 00-0332	EA	37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	715.11	73.90
		For Tempered Low-E Insulated Glass, Add	*113.47*	
08 52 16 00-0333	EA	41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	739.26	75.90
		For Tempered Low-E Insulated Glass, Add	*117.49*	
08 52 16 00-0334	EA	45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	762.23	77.92
		For Tempered Low-E Insulated Glass, Add	*121.28*	

08 52 16 00-0335 84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0336	EA	21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	948.69	70.37
		For Tempered Low-E Insulated Glass, Add	*161.79*	
08 52 16 00-0337	EA	25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	982.32	71.88
		For Tempered Low-E Insulated Glass, Add	*167.71*	
08 52 16 00-0338	EA	29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,015.95	73.90
		For Tempered Low-E Insulated Glass, Add	*173.63*	
08 52 16 00-0339	EA	31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,032.18	75.40
		For Tempered Low-E Insulated Glass, Add	*176.48*	
08 52 16 00-0340	EA	33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,049.58	76.40
		For Tempered Low-E Insulated Glass, Add	*179.56*	
08 52 16 00-0341	EA	35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,065.81	77.41
		For Tempered Low-E Insulated Glass, Add	*182.40*	
08 52 16 00-0342	EA	37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,082.02	77.92
		For Tempered Low-E Insulated Glass, Add	*185.24*	
08 52 16 00-0343	EA	41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,115.65	79.92
		For Tempered Low-E Insulated Glass, Add	*191.16*	
08 52 16 00-0344	EA	45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,149.28	81.94
		For Tempered Low-E Insulated Glass, Add	*197.08*	

08 52 16 00-0345 88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0224)*

08 52 16 00-0346	EA	21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	982.32	72.38
		For Tempered Low-E Insulated Glass, Add	*167.71*	
08 52 16 00-0347	EA	25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,015.95	73.90
		For Tempered Low-E Insulated Glass, Add	*173.63*	
08 52 16 00-0348	EA	29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,049.58	75.90
		For Tempered Low-E Insulated Glass, Add	*179.56*	
08 52 16 00-0349	EA	31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,065.81	77.41
		For Tempered Low-E Insulated Glass, Add	*182.40*	
08 52 16 00-0350	EA	33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,082.02	78.41
		For Tempered Low-E Insulated Glass, Add	*185.24*	

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08 52 16 00-0351	EA	35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,099.44	79.42
		For Tempered Low-E Insulated Glass, Add	*188.32*	
08 52 16 00-0352	EA	37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,115.65	79.92
		For Tempered Low-E Insulated Glass, Add	*191.16*	
08 52 16 00-0353	EA	41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,149.28	81.94
		For Tempered Low-E Insulated Glass, Add	*197.08*	
08 52 16 00-0354	EA	45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,182.91	83.94
		For Tempered Low-E Insulated Glass, Add	*203.01*	

08 52 16 00-0355 Casement Wood Clad Windows *(08 52 16)*

Note: Casement windows are hinged on one side and swing inward or outward with a crank or push out operation.

08 52 16 00-0356 Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0355)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0357 One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0356)*

08 52 16 00-0358 24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0357)*

08 52 16 00-0359	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	384.16	38.20
		For Tempered Clear Insulated Glass, Add	*61.75*	
08 52 16 00-0360	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	406.33	39.21
		For Tempered Clear Insulated Glass, Add	*65.58*	
08 52 16 00-0361	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	431.11	41.22
		For Tempered Clear Insulated Glass, Add	*69.73*	
08 52 16 00-0362	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	453.94	43.23
		For Tempered Clear Insulated Glass, Add	*73.50*	

08 52 16 00-0363 28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0357)*

08 52 16 00-0364	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	412.13	40.21
		For Tempered Clear Insulated Glass, Add	*66.54*	
08 52 16 00-0365	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	434.30	41.22
		For Tempered Clear Insulated Glass, Add	*70.37*	
08 52 16 00-0366	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	459.08	43.23
		For Tempered Clear Insulated Glass, Add	*74.52*	
08 52 16 00-0367	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	471.30	45.24
		For Tempered Clear Insulated Glass, Add	*76.16*	
08 52 16 00-0368	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	500.04	47.25
		For Tempered Clear Insulated Glass, Add	*81.31*	

08 52 16 00-0369 35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0357)*

08 52 16 00-0370	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	462.27	43.23
		For Tempered Clear Insulated Glass, Add	*75.16*	
08 52 16 00-0371	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	486.03	45.24
		For Tempered Clear Insulated Glass, Add	*79.31*	
08 52 16 00-0372	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	510.81	46.75
		For Tempered Clear Insulated Glass, Add	*83.46*	
08 52 16 00-0373	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	549.95	48.75
		For Tempered Clear Insulated Glass, Add	*90.49*	
08 52 16 00-0374	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	587.23	50.26
		For Tempered Clear Insulated Glass, Add	*97.34*	
08 52 16 00-0375	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	623.61	51.27
		For Tempered Clear Insulated Glass, Add	*104.21*	

08 52 16 00-0376 40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0357)*

08 52 16 00-0377	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	496.02	46.24
		For Tempered Clear Insulated Glass, Add	*80.91*	
08 52 16 00-0378	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	518.20	47.25
		For Tempered Clear Insulated Glass, Add	*84.74*	
08 52 16 00-0379	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	542.97	49.26
		For Tempered Clear Insulated Glass, Add	*88.89*	
08 52 16 00-0380	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	599.67	51.27
		For Tempered Clear Insulated Glass, Add	*99.43*	
08 52 16 00-0381	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	638.74	53.28
		For Tempered Clear Insulated Glass, Add	*106.64*	
08 52 16 00-0382	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	675.35	55.29
		For Tempered Clear Insulated Glass, Add	*113.15*	

08 52 16 00-0383 48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0357)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0384	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	543.97	50.26
		For Tempered Clear Insulated Glass, Add	*88.89*	
08 52 16 00-0385	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	567.74	51.27
		For Tempered Clear Insulated Glass, Add	*93.04*	
08 52 16 00-0386	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	592.52	53.28
		For Tempered Clear Insulated Glass, Add	*97.19*	
08 52 16 00-0387	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	670.76	55.29
		For Tempered Clear Insulated Glass, Add	*112.03*	
08 52 16 00-0388	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	701.34	57.30
		For Tempered Clear Insulated Glass, Add	*117.55*	
08 52 16 00-0389	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	747.24	59.31
		For Tempered Clear Insulated Glass, Add	*125.92*	
08 52 16 00-0390		52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0357)*		
08 52 16 00-0391	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	576.73	52.28
		For Tempered Clear Insulated Glass, Add	*94.64*	
08 52 16 00-0392	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	598.91	53.28
		For Tempered Clear Insulated Glass, Add	*98.47*	
08 52 16 00-0393	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	623.68	55.29
		For Tempered Clear Insulated Glass, Add	*102.62*	
08 52 16 00-0394	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	720.29	57.30
		For Tempered Clear Insulated Glass, Add	*121.14*	
08 52 16 00-0395	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	765.98	59.31
		For Tempered Clear Insulated Glass, Add	*129.67*	
08 52 16 00-0396	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	795.96	61.33
		For Tempered Clear Insulated Glass, Add	*134.86*	
08 52 16 00-0397		59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0357)*		
08 52 16 00-0398	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	623.68	55.29
		For Tempered Clear Insulated Glass, Add	*102.62*	
08 52 16 00-0399	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	647.44	57.30
		For Tempered Clear Insulated Glass, Add	*106.77*	
08 52 16 00-0400	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	672.22	58.81
		For Tempered Clear Insulated Glass, Add	*110.92*	
08 52 16 00-0401	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	791.17	60.83
		For Tempered Clear Insulated Glass, Add	*133.91*	
08 52 16 00-0402	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	823.53	62.33
		For Tempered Clear Insulated Glass, Add	*139.77*	
08 52 16 00-0403	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	866.85	64.34
		For Tempered Clear Insulated Glass, Add	*147.63*	
08 52 16 00-0404		64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0357)*		
08 52 16 00-0405	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	657.44	58.31
		For Tempered Clear Insulated Glass, Add	*108.37*	
08 52 16 00-0406	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	679.61	59.31
		For Tempered Clear Insulated Glass, Add	*112.20*	
08 52 16 00-0407	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	704.38	61.33
		For Tempered Clear Insulated Glass, Add	*116.35*	
08 52 16 00-0408	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	840.90	63.33
		For Tempered Clear Insulated Glass, Add	*142.85*	
08 52 16 00-0409	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	870.99	65.35
		For Tempered Clear Insulated Glass, Add	*148.26*	
08 52 16 00-0410	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	916.57	67.36
		For Tempered Clear Insulated Glass, Add	*156.57*	
08 52 16 00-0411		71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0357)*		
08 52 16 00-0412	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	704.38	61.33
		For Tempered Clear Insulated Glass, Add	*116.35*	
08 52 16 00-0413	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	728.15	63.33
		For Tempered Clear Insulated Glass, Add	*120.50*	
08 52 16 00-0414	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	752.92	64.85
		For Tempered Clear Insulated Glass, Add	*124.65*	
08 52 16 00-0415	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	911.78	66.85
		For Tempered Clear Insulated Glass, Add	*155.62*	
08 52 16 00-0416	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	948.76	68.36
		For Tempered Clear Insulated Glass, Add	*162.41*	
08 52 16 00-0417	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	987.47	70.37
		For Tempered Clear Insulated Glass, Add	*169.34*	
08 52 16 00-0418		Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0356)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0419		**24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0418)*		
08 52 16 00-0420	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	689.74	49.26
		For Tempered Clear Insulated Glass, Add	*118.24*	
08 52 16 00-0421	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	784.23	53.28
		For Tempered Clear Insulated Glass, Add	*135.53*	
08 52 16 00-0422	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	893.75	57.30
		For Tempered Clear Insulated Glass, Add	*155.83*	
08 52 16 00-0423		**28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0418)*		
08 52 16 00-0424	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	744.42	51.27
		For Tempered Clear Insulated Glass, Add	*128.38*	
08 52 16 00-0425	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	838.91	55.29
		For Tempered Clear Insulated Glass, Add	*145.66*	
08 52 16 00-0426	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	948.43	59.31
		For Tempered Clear Insulated Glass, Add	*165.96*	
08 52 16 00-0427		**35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0418)*		
08 52 16 00-0428	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	737.63	51.27
		For Tempered Clear Insulated Glass, Add	*127.02*	
08 52 16 00-0429	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	834.06	55.29
		For Tempered Clear Insulated Glass, Add	*144.90*	
08 52 16 00-0430	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	934.69	59.31
		For Tempered Clear Insulated Glass, Add	*163.41*	
08 52 16 00-0431	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,051.28	62.83
		For Tempered Clear Insulated Glass, Add	*185.12*	
08 52 16 00-0432	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,129.35	65.84
		For Tempered Clear Insulated Glass, Add	*199.53*	
08 52 16 00-0433	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,259.52	70.37
		For Tempered Clear Insulated Glass, Add	*223.75*	
08 52 16 00-0434		**40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0418)*		
08 52 16 00-0435	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	804.91	53.78
		For Tempered Clear Insulated Glass, Add	*139.47*	
08 52 16 00-0436	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	901.35	57.30
		For Tempered Clear Insulated Glass, Add	*157.35*	
08 52 16 00-0437	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,001.97	61.33
		For Tempered Clear Insulated Glass, Add	*175.86*	
08 52 16 00-0438	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,118.56	65.35
		For Tempered Clear Insulated Glass, Add	*197.57*	
08 52 16 00-0439	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,205.11	68.36
		For Tempered Clear Insulated Glass, Add	*213.68*	
08 52 16 00-0440	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,571.03	72.89
		For Tempered Clear Insulated Glass, Add	*285.05*	
08 52 16 00-0441		**48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0418)*		
08 52 16 00-0442	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	903.94	57.80
		For Tempered Clear Insulated Glass, Add	*157.67*	
08 52 16 00-0443	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,001.97	61.33
		For Tempered Clear Insulated Glass, Add	*175.86*	
08 52 16 00-0444	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,102.60	65.35
		For Tempered Clear Insulated Glass, Add	*194.38*	
08 52 16 00-0445	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,219.19	69.37
		For Tempered Clear Insulated Glass, Add	*216.09*	
08 52 16 00-0446	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,302.05	72.38
		For Tempered Clear Insulated Glass, Add	*231.46*	
08 52 16 00-0447	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,427.43	76.91
		For Tempered Clear Insulated Glass, Add	*254.72*	
08 52 16 00-0448		**52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0418)*		
08 52 16 00-0449	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	970.22	59.82
		For Tempered Clear Insulated Glass, Add	*170.12*	
08 52 16 00-0450	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,066.65	63.33
		For Tempered Clear Insulated Glass, Add	*188.00*	
08 52 16 00-0451	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,155.43	67.36
		For Tempered Clear Insulated Glass, Add	*204.14*	
08 52 16 00-0452	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,283.87	71.38
		For Tempered Clear Insulated Glass, Add	*228.22*	
08 52 16 00-0453	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,370.74	74.39
		For Tempered Clear Insulated Glass, Add	*244.39*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0454	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,493.71	78.91
		For Tempered Clear Insulated Glass, Add	*267.17*	
08 52 16 00-0455		**59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0418)*		
08 52 16 00-0456	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,068.25	63.33
		For Tempered Clear Insulated Glass, Add	*188.32*	
08 52 16 00-0457	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,164.67	67.36
		For Tempered Clear Insulated Glass, Add	*206.19*	
08 52 16 00-0458	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,265.30	71.38
		For Tempered Clear Insulated Glass, Add	*224.71*	
08 52 16 00-0459	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,381.91	74.89
		For Tempered Clear Insulated Glass, Add	*246.42*	
08 52 16 00-0460	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,468.76	77.92
		For Tempered Clear Insulated Glass, Add	*262.59*	
08 52 16 00-0461	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,590.13	82.44
		For Tempered Clear Insulated Glass, Add	*285.05*	
08 52 16 00-0462		**64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0418)*		
08 52 16 00-0463	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,135.54	65.84
		For Tempered Clear Insulated Glass, Add	*200.77*	
08 52 16 00-0464	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,231.96	69.37
		For Tempered Clear Insulated Glass, Add	*218.65*	
08 52 16 00-0465	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,334.18	73.39
		For Tempered Clear Insulated Glass, Add	*237.48*	
08 52 16 00-0466	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,450.77	77.41
		For Tempered Clear Insulated Glass, Add	*259.19*	
08 52 16 00-0467		**71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0418)*		
08 52 16 00-0468	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,233.56	69.37
		For Tempered Clear Insulated Glass, Add	*218.97*	
08 52 16 00-0469	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,329.99	73.39
		For Tempered Clear Insulated Glass, Add	*236.84*	
08 52 16 00-0470	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,430.63	77.41
		For Tempered Clear Insulated Glass, Add	*255.36*	
08 52 16 00-0471	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,547.22	80.93
		For Tempered Clear Insulated Glass, Add	*277.07*	
08 52 16 00-0472		**One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0356)*		
08 52 16 00-0473		**24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0472)*		
08 52 16 00-0474	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,095.34	64.85
		For Tempered Clear Insulated Glass, Add	*193.13*	
08 52 16 00-0475	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,274.59	71.38
		For Tempered Clear Insulated Glass, Add	*226.37*	
08 52 16 00-0476		**28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0472)*		
08 52 16 00-0477	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,162.59	66.85
		For Tempered Clear Insulated Glass, Add	*205.78*	
08 52 16 00-0478	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,330.00	73.39
		For Tempered Clear Insulated Glass, Add	*236.65*	
08 52 16 00-0479		**35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0472)*		
08 52 16 00-0480	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,118.89	65.35
		For Tempered Clear Insulated Glass, Add	*197.64*	
08 52 16 00-0481	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,262.71	70.37
		For Tempered Clear Insulated Glass, Add	*224.39*	
08 52 16 00-0482	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,440.20	77.41
		For Tempered Clear Insulated Glass, Add	*257.28*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0483		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0472)*		
08 52 16 00-0484	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,182.92	68.36
		For Tempered Clear Insulated Glass, Add	*209.44*	
08 52 16 00-0485	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,331.59	72.89
		For Tempered Clear Insulated Glass, Add	*237.16*	
08 52 16 00-0486	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,507.47	79.42
		For Tempered Clear Insulated Glass, Add	*269.73*	
08 52 16 00-0487		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0472)*		
08 52 16 00-0488	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,430.63	76.91
		For Tempered Clear Insulated Glass, Add	*255.36*	
08 52 16 00-0489	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,606.52	83.44
		For Tempered Clear Insulated Glass, Add	*287.93*	
08 52 16 00-0490		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0472)*		
08 52 16 00-0491	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,496.90	78.91
		For Tempered Clear Insulated Glass, Add	*267.81*	
08 52 16 00-0492	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,672.80	85.45
		For Tempered Clear Insulated Glass, Add	*300.38*	
08 52 16 00-0493		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0472)*		
08 52 16 00-0494	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,593.33	82.44
		For Tempered Clear Insulated Glass, Add	*285.69*	
08 52 16 00-0495	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,770.82	89.47
		For Tempered Clear Insulated Glass, Add	*318.58*	
08 52 16 00-0496		Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0355)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0497		One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0496)*		
08 52 16 00-0498		24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*		
08 52 16 00-0499	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	458.39	38.20
		For Tempered Low-E Insulated Glass, Add	*76.60*	
08 52 16 00-0500	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	485.35	39.21
		For Tempered Low-E Insulated Glass, Add	*81.39*	
08 52 16 00-0501	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	515.32	41.22
		For Tempered Low-E Insulated Glass, Add	*86.58*	
08 52 16 00-0502	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	542.85	43.23
		For Tempered Low-E Insulated Glass, Add	*91.28*	
08 52 16 00-0503		28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*		
08 52 16 00-0504	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	492.34	40.21
		For Tempered Low-E Insulated Glass, Add	*82.58*	
08 52 16 00-0505	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	519.31	41.22
		For Tempered Low-E Insulated Glass, Add	*87.37*	
08 52 16 00-0506	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	549.27	43.23
		For Tempered Low-E Insulated Glass, Add	*92.56*	
08 52 16 00-0507	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	563.54	45.24
		For Tempered Low-E Insulated Glass, Add	*94.61*	
08 52 16 00-0508	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	598.72	47.25
		For Tempered Low-E Insulated Glass, Add	*101.04*	
08 52 16 00-0509		35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*		
08 52 16 00-0510	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	553.26	43.23
		For Tempered Low-E Insulated Glass, Add	*93.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0511	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	582.21	45.24
		For Tempered Low-E Insulated Glass, Add	*98.55*	
08 52 16 00-0512	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	612.18	46.75
		For Tempered Low-E Insulated Glass, Add	*103.74*	
08 52 16 00-0513	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	660.10	48.75
		For Tempered Low-E Insulated Glass, Add	*112.52*	
08 52 16 00-0514	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	705.95	50.26
		For Tempered Low-E Insulated Glass, Add	*121.08*	
08 52 16 00-0515	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	750.92	51.27
		For Tempered Low-E Insulated Glass, Add	*129.68*	

08 52 16 00-0516 40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*

08 52 16 00-0517	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	594.20	46.24
		For Tempered Low-E Insulated Glass, Add	*100.54*	
08 52 16 00-0518	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	621.16	47.25
		For Tempered Low-E Insulated Glass, Add	*105.33*	
08 52 16 00-0519	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	651.12	49.26
		For Tempered Low-E Insulated Glass, Add	*110.52*	
08 52 16 00-0520	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	720.99	51.27
		For Tempered Low-E Insulated Glass, Add	*123.69*	
08 52 16 00-0521	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	769.07	53.28
		For Tempered Low-E Insulated Glass, Add	*132.70*	
08 52 16 00-0522	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	813.83	55.29
		For Tempered Low-E Insulated Glass, Add	*140.85*	

08 52 16 00-0523 48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*

08 52 16 00-0524	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	652.12	50.26
		For Tempered Low-E Insulated Glass, Add	*110.52*	
08 52 16 00-0525	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	681.08	51.27
		For Tempered Low-E Insulated Glass, Add	*115.71*	
08 52 16 00-0526	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	711.05	53.28
		For Tempered Low-E Insulated Glass, Add	*120.90*	
08 52 16 00-0527	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	807.84	55.29
		For Tempered Low-E Insulated Glass, Add	*139.45*	
08 52 16 00-0528	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	845.31	57.30
		For Tempered Low-E Insulated Glass, Add	*146.34*	
08 52 16 00-0529	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	901.69	59.31
		For Tempered Low-E Insulated Glass, Add	*156.81*	

08 52 16 00-0530 52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*

08 52 16 00-0531	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	692.07	52.28
		For Tempered Low-E Insulated Glass, Add	*117.70*	
08 52 16 00-0532	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	719.03	53.28
		For Tempered Low-E Insulated Glass, Add	*122.49*	
08 52 16 00-0533	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	748.99	55.29
		For Tempered Low-E Insulated Glass, Add	*127.68*	
08 52 16 00-0534	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	868.75	57.30
		For Tempered Low-E Insulated Glass, Add	*150.83*	
08 52 16 00-0535	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	925.10	59.31
		For Tempered Low-E Insulated Glass, Add	*161.50*	
08 52 16 00-0536	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	961.58	61.33
		For Tempered Low-E Insulated Glass, Add	*167.99*	

08 52 16 00-0537 59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*

08 52 16 00-0538	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	748.99	55.29
		For Tempered Low-E Insulated Glass, Add	*127.68*	
08 52 16 00-0539	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	777.94	57.30
		For Tempered Low-E Insulated Glass, Add	*132.87*	
08 52 16 00-0540	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	807.90	58.81
		For Tempered Low-E Insulated Glass, Add	*138.06*	
08 52 16 00-0541	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	955.59	60.83
		For Tempered Low-E Insulated Glass, Add	*166.79*	
08 52 16 00-0542	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	995.29	62.33
		For Tempered Low-E Insulated Glass, Add	*174.13*	
08 52 16 00-0543	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,048.43	64.34
		For Tempered Low-E Insulated Glass, Add	*183.95*	

08 52 16 00-0544 64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*

08 52 16 00-0545	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	789.93	58.31
		For Tempered Low-E Insulated Glass, Add	*134.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0546	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	816.90	59.31
		For Tempered Low-E Insulated Glass, Add	*139.65*	
08 52 16 00-0547	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	846.86	61.33
		For Tempered Low-E Insulated Glass, Add	*144.84*	
08 52 16 00-0548	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,016.49	63.33
		For Tempered Low-E Insulated Glass, Add	*177.96*	
08 52 16 00-0549	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,053.35	65.35
		For Tempered Low-E Insulated Glass, Add	*184.73*	
08 52 16 00-0550	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,109.33	67.36
		For Tempered Low-E Insulated Glass, Add	*195.13*	

08 52 16 00-0551 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0497)*

08 52 16 00-0552	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	846.86	61.33
		For Tempered Low-E Insulated Glass, Add	*144.84*	
08 52 16 00-0553	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	875.81	63.33
		For Tempered Low-E Insulated Glass, Add	*150.03*	
08 52 16 00-0554	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	905.77	64.85
		For Tempered Low-E Insulated Glass, Add	*155.22*	
08 52 16 00-0555	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,103.34	66.85
		For Tempered Low-E Insulated Glass, Add	*193.93*	
08 52 16 00-0556	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,148.80	68.36
		For Tempered Low-E Insulated Glass, Add	*202.41*	
08 52 16 00-0557	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,196.19	70.37
		For Tempered Low-E Insulated Glass, Add	*211.09*	

08 52 16 00-0558 Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0496)*

08 52 16 00-0559 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*

08 52 16 00-0560	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	831.62	49.26
		For Tempered Low-E Insulated Glass, Add	*146.62*	
08 52 16 00-0561	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	947.72	53.28
		For Tempered Low-E Insulated Glass, Add	*168.23*	
08 52 16 00-0562	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,082.61	57.30
		For Tempered Low-E Insulated Glass, Add	*193.60*	

08 52 16 00-0563 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*

08 52 16 00-0564	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	898.96	51.27
		For Tempered Low-E Insulated Glass, Add	*159.28*	
08 52 16 00-0565	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,015.07	55.29
		For Tempered Low-E Insulated Glass, Add	*180.90*	
08 52 16 00-0566	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,149.95	59.31
		For Tempered Low-E Insulated Glass, Add	*206.26*	

08 52 16 00-0567 35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*

08 52 16 00-0568	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	890.47	51.27
		For Tempered Low-E Insulated Glass, Add	*157.59*	
08 52 16 00-0569	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,009.26	55.29
		For Tempered Low-E Insulated Glass, Add	*179.94*	
08 52 16 00-0570	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,133.03	59.31
		For Tempered Low-E Insulated Glass, Add	*203.08*	
08 52 16 00-0571	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,276.76	62.83
		For Tempered Low-E Insulated Glass, Add	*230.22*	
08 52 16 00-0572	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,372.84	65.84
		For Tempered Low-E Insulated Glass, Add	*248.23*	
08 52 16 00-0573	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,533.29	70.37
		For Tempered Low-E Insulated Glass, Add	*278.51*	

08 52 16 00-0574 40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*

08 52 16 00-0575	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	973.32	53.78
		For Tempered Low-E Insulated Glass, Add	*173.15*	
08 52 16 00-0576	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,092.11	57.30
		For Tempered Low-E Insulated Glass, Add	*195.50*	
08 52 16 00-0577	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,215.88	61.33
		For Tempered Low-E Insulated Glass, Add	*218.65*	
08 52 16 00-0578	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,359.61	65.35
		For Tempered Low-E Insulated Glass, Add	*245.78*	
08 52 16 00-0579	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,466.28	68.36
		For Tempered Low-E Insulated Glass, Add	*265.91*	
08 52 16 00-0580	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,921.43	72.89
		For Tempered Low-E Insulated Glass, Add	*355.13*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0581		48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*		
08 52 16 00-0582	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,095.10	57.80
		For Tempered Low-E Insulated Glass, Add	*195.90*	
08 52 16 00-0583	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,215.88	61.33
		For Tempered Low-E Insulated Glass, Add	*218.65*	
08 52 16 00-0584	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,339.65	65.35
		For Tempered Low-E Insulated Glass, Add	*241.79*	
08 52 16 00-0585	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,483.38	69.37
		For Tempered Low-E Insulated Glass, Add	*268.93*	
08 52 16 00-0586	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,585.45	72.38
		For Tempered Low-E Insulated Glass, Add	*288.14*	
08 52 16 00-0587	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,739.91	76.91
		For Tempered Low-E Insulated Glass, Add	*317.22*	
08 52 16 00-0588		52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*		
08 52 16 00-0589	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,176.94	59.82
		For Tempered Low-E Insulated Glass, Add	*211.46*	
08 52 16 00-0590	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,295.73	63.33
		For Tempered Low-E Insulated Glass, Add	*233.81*	
08 52 16 00-0591	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,407.65	67.36
		For Tempered Low-E Insulated Glass, Add	*254.59*	
08 52 16 00-0592	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,563.23	71.38
		For Tempered Low-E Insulated Glass, Add	*284.10*	
08 52 16 00-0593	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,670.30	74.39
		For Tempered Low-E Insulated Glass, Add	*304.30*	
08 52 16 00-0594	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,821.75	78.91
		For Tempered Low-E Insulated Glass, Add	*332.78*	
08 52 16 00-0595		59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*		
08 52 16 00-0596	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,297.72	63.33
		For Tempered Low-E Insulated Glass, Add	*234.21*	
08 52 16 00-0597	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,416.49	67.36
		For Tempered Low-E Insulated Glass, Add	*256.56*	
08 52 16 00-0598	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,540.27	71.38
		For Tempered Low-E Insulated Glass, Add	*279.71*	
08 52 16 00-0599	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,684.01	74.89
		For Tempered Low-E Insulated Glass, Add	*306.84*	
08 52 16 00-0600	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,791.07	77.92
		For Tempered Low-E Insulated Glass, Add	*327.05*	
08 52 16 00-0601	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,940.53	82.44
		For Tempered Low-E Insulated Glass, Add	*355.13*	
08 52 16 00-0602		64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*		
08 52 16 00-0603	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,380.57	65.84
		For Tempered Low-E Insulated Glass, Add	*249.77*	
08 52 16 00-0604	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,499.34	69.37
		For Tempered Low-E Insulated Glass, Add	*272.12*	
08 52 16 00-0605	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,625.11	73.39
		For Tempered Low-E Insulated Glass, Add	*295.67*	
08 52 16 00-0606	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,768.84	77.41
		For Tempered Low-E Insulated Glass, Add	*322.81*	
08 52 16 00-0607		71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0558)*		
08 52 16 00-0608	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,501.34	69.37
		For Tempered Low-E Insulated Glass, Add	*272.52*	
08 52 16 00-0609	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,620.12	73.39
		For Tempered Low-E Insulated Glass, Add	*294.87*	
08 52 16 00-0610	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,743.90	77.41
		For Tempered Low-E Insulated Glass, Add	*318.02*	
08 52 16 00-0611	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,887.63	80.93
		For Tempered Low-E Insulated Glass, Add	*345.15*	
08 52 16 00-0612		One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0496)*		
08 52 16 00-0613		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0612)*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 52 16 00-0614	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,333.79	64.85
			For Tempered Low-E Insulated Glass, Add	*240.82*	
	08 52 16 00-0615	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,551.63	71.38
			For Tempered Low-E Insulated Glass, Add	*281.78*	
	08 52 16 00-0616		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0612)*		
	08 52 16 00-0617	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,413.89	66.85
			For Tempered Low-E Insulated Glass, Add	*256.04*	
	08 52 16 00-0618	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,619.88	73.39
			For Tempered Low-E Insulated Glass, Add	*294.62*	
	08 52 16 00-0619		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0612)*		
	08 52 16 00-0620	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,360.01	65.35
			For Tempered Low-E Insulated Glass, Add	*245.86*	
	08 52 16 00-0621	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,537.28	70.37
			For Tempered Low-E Insulated Glass, Add	*279.31*	
	08 52 16 00-0622	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,755.88	77.41
			For Tempered Low-E Insulated Glass, Add	*320.41*	
	08 52 16 00-0623		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0612)*		
	08 52 16 00-0624	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,438.80	68.36
			For Tempered Low-E Insulated Glass, Add	*260.62*	
	08 52 16 00-0625	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,622.12	72.89
			For Tempered Low-E Insulated Glass, Add	*295.27*	
	08 52 16 00-0626	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,838.71	79.42
			For Tempered Low-E Insulated Glass, Add	*335.98*	
	08 52 16 00-0627		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0612)*		
	08 52 16 00-0628	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,743.90	76.91
			For Tempered Low-E Insulated Glass, Add	*318.02*	
	08 52 16 00-0629	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,960.50	83.44
			For Tempered Low-E Insulated Glass, Add	*358.72*	
	08 52 16 00-0630		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0612)*		
	08 52 16 00-0631	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,825.74	78.91
			For Tempered Low-E Insulated Glass, Add	*333.58*	
	08 52 16 00-0632	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,042.35	85.45
			For Tempered Low-E Insulated Glass, Add	*374.29*	
	08 52 16 00-0633		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0612)*		
	08 52 16 00-0634	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,944.52	82.44
			For Tempered Low-E Insulated Glass, Add	*355.93*	
	08 52 16 00-0635	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,163.11	89.47
			For Tempered Low-E Insulated Glass, Add	*397.03*	
	08 52 16 00-0636		Awning Wood Clad Windows *(08 52 16)* Note: Awning windows are hinged at the top of the frame and swing outward with a crank or push out operation.		
	08 52 16 00-0637		Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0636)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
	08 52 16 00-0638		Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0637)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0639		17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*		
08 52 16 00-0640	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	415.89	41.22
		For Tempered Clear Insulated Glass, Add	*66.69*	
08 52 16 00-0641	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	445.45	43.23
		For Tempered Clear Insulated Glass, Add	*71.80*	
08 52 16 00-0642	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	469.68	44.73
		For Tempered Clear Insulated Glass, Add	*76.04*	
08 52 16 00-0643	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	500.38	46.75
		For Tempered Clear Insulated Glass, Add	*81.38*	
08 52 16 00-0644	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	535.73	49.26
		For Tempered Clear Insulated Glass, Add	*87.44*	
08 52 16 00-0645	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	590.07	53.28
		For Tempered Clear Insulated Glass, Add	*96.70*	
08 52 16 00-0646	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	624.42	55.29
		For Tempered Clear Insulated Glass, Add	*102.77*	
08 52 16 00-0647	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	674.55	59.31
		For Tempered Clear Insulated Glass, Add	*111.39*	
08 52 16 00-0648	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	693.24	61.33
		For Tempered Clear Insulated Glass, Add	*114.12*	
08 52 16 00-0649	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	742.83	64.85
		For Tempered Clear Insulated Glass, Add	*122.63*	
08 52 16 00-0650		20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*		
08 52 16 00-0651	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	438.84	43.23
		For Tempered Clear Insulated Glass, Add	*70.68*	
08 52 16 00-0652	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	470.81	45.24
		For Tempered Clear Insulated Glass, Add	*76.27*	
08 52 16 00-0653	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	491.65	46.24
		For Tempered Clear Insulated Glass, Add	*79.83*	
08 52 16 00-0654	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	525.74	48.26
		For Tempered Clear Insulated Glass, Add	*85.85*	
08 52 16 00-0655	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	561.10	51.27
		For Tempered Clear Insulated Glass, Add	*91.91*	
08 52 16 00-0656	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	613.83	54.79
		For Tempered Clear Insulated Glass, Add	*100.85*	
08 52 16 00-0657	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	648.18	57.30
		For Tempered Clear Insulated Glass, Add	*106.92*	
08 52 16 00-0658	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	699.91	60.32
		For Tempered Clear Insulated Glass, Add	*115.86*	
08 52 16 00-0659	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	716.74	63.33
		For Tempered Clear Insulated Glass, Add	*118.22*	
08 52 16 00-0660	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	767.91	66.35
		For Tempered Clear Insulated Glass, Add	*127.04*	
08 52 16 00-0661	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,186.39	73.39
		For Tempered Clear Insulated Glass, Add	*208.12*	
08 52 16 00-0662		24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*		
08 52 16 00-0663	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	467.62	45.24
		For Tempered Clear Insulated Glass, Add	*75.63*	
08 52 16 00-0664	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	497.19	47.25
		For Tempered Clear Insulated Glass, Add	*80.74*	
08 52 16 00-0665	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	517.33	48.26
		For Tempered Clear Insulated Glass, Add	*84.16*	
08 52 16 00-0666	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	552.11	50.26
		For Tempered Clear Insulated Glass, Add	*90.32*	
08 52 16 00-0667	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	587.47	53.28
		For Tempered Clear Insulated Glass, Add	*96.38*	
08 52 16 00-0668	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	641.80	56.80
		For Tempered Clear Insulated Glass, Add	*105.64*	
08 52 16 00-0669	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	676.15	59.31
		For Tempered Clear Insulated Glass, Add	*111.71*	
08 52 16 00-0670	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	727.89	62.33
		For Tempered Clear Insulated Glass, Add	*120.65*	
08 52 16 00-0671	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	742.83	65.35
		For Tempered Clear Insulated Glass, Add	*122.63*	
08 52 16 00-0672	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	792.37	68.36
		For Tempered Clear Insulated Glass, Add	*131.13*	
08 52 16 00-0673	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,248.63	75.40
		For Tempered Clear Insulated Glass, Add	*219.77*	
08 52 16 00-0674		28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*		
08 52 16 00-0675	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	466.86	47.25
		For Tempered Clear Insulated Glass, Add	*74.67*	
08 52 16 00-0676	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	512.38	49.26
		For Tempered Clear Insulated Glass, Add	*82.97*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0677		EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	541.66	50.26
			For Tempered Clear Insulated Glass, Add	*88.23*	
08 52 16 00-0678		EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	596.03	52.28
			For Tempered Clear Insulated Glass, Add	*98.30*	
08 52 16 00-0679		EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	650.55	55.29
			For Tempered Clear Insulated Glass, Add	*108.19*	
08 52 16 00-0680		EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	730.42	58.81
			For Tempered Clear Insulated Glass, Add	*122.56*	
08 52 16 00-0681		EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	782.33	61.33
			For Tempered Clear Insulated Glass, Add	*132.14*	
08 52 16 00-0682		EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	861.21	64.34
			For Tempered Clear Insulated Glass, Add	*146.51*	
08 52 16 00-0683		EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	890.27	67.36
			For Tempered Clear Insulated Glass, Add	*151.31*	
08 52 16 00-0684		EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	966.67	70.37
			For Tempered Clear Insulated Glass, Add	*165.18*	
08 52 16 00-0685		EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,282.56	77.41
			For Tempered Clear Insulated Glass, Add	*225.75*	

08 52 16 00-0686 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*

08 52 16 00-0687		EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	541.66	50.26
			For Tempered Clear Insulated Glass, Add	*88.23*	
08 52 16 00-0688		EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	573.11	51.78
			For Tempered Clear Insulated Glass, Add	*93.91*	
08 52 16 00-0689		EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	616.39	53.78
			For Tempered Clear Insulated Glass, Add	*101.76*	
08 52 16 00-0690		EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	664.73	56.30
			For Tempered Clear Insulated Glass, Add	*110.43*	
08 52 16 00-0691		EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	735.05	60.32
			For Tempered Clear Insulated Glass, Add	*122.88*	
08 52 16 00-0692		EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	783.76	62.33
			For Tempered Clear Insulated Glass, Add	*131.82*	
08 52 16 00-0693		EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	853.07	66.35
			For Tempered Clear Insulated Glass, Add	*144.27*	
08 52 16 00-0694		EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	901.43	68.36
			For Tempered Clear Insulated Glass, Add	*152.94*	
08 52 16 00-0695		EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	972.09	71.88
			For Tempered Clear Insulated Glass, Add	*165.67*	
08 52 16 00-0696		EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,367.89	78.41
			For Tempered Clear Insulated Glass, Add	*242.21*	

08 52 16 00-0697 35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*

08 52 16 00-0698		EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	616.39	53.78
			For Tempered Clear Insulated Glass, Add	*101.76*	
08 52 16 00-0699		EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	678.10	55.80
			For Tempered Clear Insulated Glass, Add	*113.30*	
08 52 16 00-0700		EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	732.61	58.31
			For Tempered Clear Insulated Glass, Add	*123.20*	
08 52 16 00-0701		EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	812.49	62.33
			For Tempered Clear Insulated Glass, Add	*137.57*	
08 52 16 00-0702		EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	866.00	64.34
			For Tempered Clear Insulated Glass, Add	*147.46*	
08 52 16 00-0703		EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	943.28	68.36
			For Tempered Clear Insulated Glass, Add	*161.51*	
08 52 16 00-0704		EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	823.25	70.37
			For Tempered Clear Insulated Glass, Add	*136.50*	
08 52 16 00-0705		EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	883.86	73.90
			For Tempered Clear Insulated Glass, Add	*147.22*	

08 52 16 00-0706 40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*

08 52 16 00-0707		EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	723.03	58.31
			For Tempered Clear Insulated Glass, Add	*121.28*	
08 52 16 00-0708		EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	814.26	61.33
			For Tempered Clear Insulated Glass, Add	*138.52*	

08 52 16 00-0709 48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*

08 52 16 00-0710		EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	860.38	62.33
			For Tempered Clear Insulated Glass, Add	*147.14*	
08 52 16 00-0711		EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	953.20	65.35
			For Tempered Clear Insulated Glass, Add	*164.70*	
08 52 16 00-0712		EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,088.94	68.87
			For Tempered Clear Insulated Glass, Add	*190.24*	

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0713			59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*		
08 52 16 00-0714		EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,065.85	67.86
			For Tempered Clear Insulated Glass, Add	*186.03*	
08 52 16 00-0715		EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,147.12	70.37
			For Tempered Clear Insulated Glass, Add	*201.27*	
08 52 16 00-0716			71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0638)*		
08 52 16 00-0717		EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,165.97	68.36
			For Tempered Clear Insulated Glass, Add	*205.85*	
08 52 16 00-0718		EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,206.12	73.90
			For Tempered Clear Insulated Glass, Add	*211.67*	
08 52 16 00-0719		EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,335.18	76.40
			For Tempered Clear Insulated Glass, Add	*236.47*	
08 52 16 00-0720		EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,466.94	80.43
			For Tempered Clear Insulated Glass, Add	*261.22*	
08 52 16 00-0721			Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0637)*		
08 52 16 00-0722			17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0721)*		
08 52 16 00-0723		EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	366.40	41.22
			For Tempered Clear Insulated Glass, Add	*56.79*	
08 52 16 00-0724		EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	394.37	43.23
			For Tempered Clear Insulated Glass, Add	*61.58*	
08 52 16 00-0725		EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	412.82	44.73
			For Tempered Clear Insulated Glass, Add	*64.67*	
08 52 16 00-0726		EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	442.91	46.75
			For Tempered Clear Insulated Glass, Add	*69.88*	
08 52 16 00-0727		EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	475.07	49.26
			For Tempered Clear Insulated Glass, Add	*75.31*	
08 52 16 00-0728		EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	524.62	53.28
			For Tempered Clear Insulated Glass, Add	*83.61*	
08 52 16 00-0729		EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	554.18	55.29
			For Tempered Clear Insulated Glass, Add	*88.72*	
08 52 16 00-0730		EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	601.12	59.31
			For Tempered Clear Insulated Glass, Add	*96.70*	
08 52 16 00-0731		EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	633.29	61.33
			For Tempered Clear Insulated Glass, Add	*102.13*	
08 52 16 00-0732		EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	680.23	64.85
			For Tempered Clear Insulated Glass, Add	*110.11*	
08 52 16 00-0733			20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0721)*		
08 52 16 00-0734		EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	388.57	43.23
			For Tempered Clear Insulated Glass, Add	*60.62*	
08 52 16 00-0735		EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	416.53	45.24
			For Tempered Clear Insulated Glass, Add	*65.41*	
08 52 16 00-0736		EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	433.44	46.24
			For Tempered Clear Insulated Glass, Add	*68.19*	
08 52 16 00-0737		EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	466.67	48.26
			For Tempered Clear Insulated Glass, Add	*74.03*	
08 52 16 00-0738		EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	498.84	51.27
			For Tempered Clear Insulated Glass, Add	*79.46*	
08 52 16 00-0739		EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	546.79	54.79
			For Tempered Clear Insulated Glass, Add	*87.44*	
08 52 16 00-0740		EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	577.95	57.30
			For Tempered Clear Insulated Glass, Add	*92.87*	
08 52 16 00-0741		EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	623.29	60.32
			For Tempered Clear Insulated Glass, Add	*100.53*	
08 52 16 00-0742		EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	657.05	63.33
			For Tempered Clear Insulated Glass, Add	*106.28*	
08 52 16 00-0743		EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	702.40	66.35
			For Tempered Clear Insulated Glass, Add	*113.94*	
08 52 16 00-0744			24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0721)*		
08 52 16 00-0745		EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	413.34	45.24
			For Tempered Clear Insulated Glass, Add	*64.77*	
08 52 16 00-0746		EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	441.32	47.25
			For Tempered Clear Insulated Glass, Add	*69.56*	
08 52 16 00-0747		EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	456.41	48.26
			For Tempered Clear Insulated Glass, Add	*71.98*	
08 52 16 00-0748		EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	489.85	50.26
			For Tempered Clear Insulated Glass, Add	*77.86*	
08 52 16 00-0749		EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	522.02	53.28
			For Tempered Clear Insulated Glass, Add	*83.29*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0750	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	569.97	56.80
		For Tempered Clear Insulated Glass, Add	*91.27*	
08 52 16 00-0751	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	601.12	59.31
		For Tempered Clear Insulated Glass, Add	*96.70*	
08 52 16 00-0752	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	648.07	62.33
		For Tempered Clear Insulated Glass, Add	*104.68*	
08 52 16 00-0753	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	680.23	65.35
		For Tempered Clear Insulated Glass, Add	*110.11*	
08 52 16 00-0754	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	727.19	68.36
		For Tempered Clear Insulated Glass, Add	*118.09*	

08 52 16 00-0755 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0721)*

08 52 16 00-0756	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	415.77	47.25
		For Tempered Clear Insulated Glass, Add	*64.45*	
08 52 16 00-0757	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	453.32	49.26
		For Tempered Clear Insulated Glass, Add	*71.16*	
08 52 16 00-0758	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	473.97	50.26
		For Tempered Clear Insulated Glass, Add	*74.69*	
08 52 16 00-0759	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	493.87	52.28
		For Tempered Clear Insulated Glass, Add	*77.86*	
08 52 16 00-0760	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	564.35	55.29
		For Tempered Clear Insulated Glass, Add	*90.95*	
08 52 16 00-0761	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	628.26	58.81
		For Tempered Clear Insulated Glass, Add	*102.13*	
08 52 16 00-0762	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	670.59	61.33
		For Tempered Clear Insulated Glass, Add	*109.79*	
08 52 16 00-0763	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	733.50	64.34
		For Tempered Clear Insulated Glass, Add	*120.96*	
08 52 16 00-0764	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	778.43	67.36
		For Tempered Clear Insulated Glass, Add	*128.95*	
08 52 16 00-0765	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	841.35	70.37
		For Tempered Clear Insulated Glass, Add	*140.12*	

08 52 16 00-0766 31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0721)*

08 52 16 00-0767	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	473.97	50.26
		For Tempered Clear Insulated Glass, Add	*74.69*	
08 52 16 00-0768	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	500.00	51.78
		For Tempered Clear Insulated Glass, Add	*79.29*	
08 52 16 00-0769	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	535.16	53.78
		For Tempered Clear Insulated Glass, Add	*85.52*	
08 52 16 00-0770	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	575.38	56.30
		For Tempered Clear Insulated Glass, Add	*92.56*	
08 52 16 00-0771	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	633.51	60.32
		For Tempered Clear Insulated Glass, Add	*102.58*	
08 52 16 00-0772	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	672.74	62.33
		For Tempered Clear Insulated Glass, Add	*109.62*	
08 52 16 00-0773	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	729.87	66.35
		For Tempered Clear Insulated Glass, Add	*119.63*	
08 52 16 00-0774	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	768.75	68.36
		For Tempered Clear Insulated Glass, Add	*126.40*	
08 52 16 00-0775	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	825.87	71.88
		For Tempered Clear Insulated Glass, Add	*136.42*	

08 52 16 00-0776 35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0721)*

08 52 16 00-0777	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	535.16	53.78
		For Tempered Clear Insulated Glass, Add	*85.52*	
08 52 16 00-0778	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	587.11	55.80
		For Tempered Clear Insulated Glass, Add	*95.10*	
08 52 16 00-0779	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	630.44	58.31
		For Tempered Clear Insulated Glass, Add	*102.77*	
08 52 16 00-0780	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	695.96	62.33
		For Tempered Clear Insulated Glass, Add	*114.26*	
08 52 16 00-0781	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	738.29	64.34
		For Tempered Clear Insulated Glass, Add	*121.92*	
08 52 16 00-0782	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	801.20	68.36
		For Tempered Clear Insulated Glass, Add	*133.10*	
08 52 16 00-0783	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	844.54	70.37
		For Tempered Clear Insulated Glass, Add	*140.76*	
08 52 16 00-0784	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	907.45	73.90
		For Tempered Clear Insulated Glass, Add	*151.93*	

08 52 16 00-0785 Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0636)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0786 Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0785)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0787		**17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0786)*		
08 52 16 00-0788	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	494.91	41.22
		For Tempered Low-E Insulated Glass, Add	*82.49*	
08 52 16 00-0789	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	530.85	43.23
		For Tempered Low-E Insulated Glass, Add	*88.88*	
08 52 16 00-0790	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	560.38	44.73
		For Tempered Low-E Insulated Glass, Add	*94.18*	
08 52 16 00-0791	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	597.75	46.75
		For Tempered Low-E Insulated Glass, Add	*100.85*	
08 52 16 00-0792	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	640.69	49.26
		For Tempered Low-E Insulated Glass, Add	*108.43*	
08 52 16 00-0793	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	706.60	53.28
		For Tempered Low-E Insulated Glass, Add	*120.01*	
08 52 16 00-0794	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	748.54	55.29
		For Tempered Low-E Insulated Glass, Add	*127.59*	
08 52 16 00-0795	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	809.44	59.31
		For Tempered Low-E Insulated Glass, Add	*138.36*	
08 52 16 00-0796	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	831.55	61.33
		For Tempered Low-E Insulated Glass, Add	*141.78*	
08 52 16 00-0797	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	891.77	64.85
		For Tempered Low-E Insulated Glass, Add	*152.42*	
08 52 16 00-0798		**20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0786)*		
08 52 16 00-0799	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	522.85	43.23
		For Tempered Low-E Insulated Glass, Add	*87.48*	
08 52 16 00-0800	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	561.80	45.24
		For Tempered Low-E Insulated Glass, Add	*94.47*	
08 52 16 00-0801	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	587.10	46.24
		For Tempered Low-E Insulated Glass, Add	*98.92*	
08 52 16 00-0802	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	628.70	48.26
		For Tempered Low-E Insulated Glass, Add	*106.44*	
08 52 16 00-0803	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	671.64	51.27
		For Tempered Low-E Insulated Glass, Add	*114.02*	
08 52 16 00-0804	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	735.55	54.79
		For Tempered Low-E Insulated Glass, Add	*125.19*	
08 52 16 00-0805	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	777.49	57.30
		For Tempered Low-E Insulated Glass, Add	*132.78*	
08 52 16 00-0806	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	840.39	60.32
		For Tempered Low-E Insulated Glass, Add	*143.95*	
08 52 16 00-0807	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	860.17	63.33
		For Tempered Low-E Insulated Glass, Add	*146.90*	
08 52 16 00-0808	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	922.37	66.35
		For Tempered Low-E Insulated Glass, Add	*157.93*	
08 52 16 00-0809	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,442.20	73.39
		For Tempered Low-E Insulated Glass, Add	*259.29*	
08 52 16 00-0810		**24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0786)*		
08 52 16 00-0811	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	557.81	45.24
		For Tempered Low-E Insulated Glass, Add	*93.67*	
08 52 16 00-0812	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	593.76	47.25
		For Tempered Low-E Insulated Glass, Add	*100.05*	
08 52 16 00-0813	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	618.19	48.26
		For Tempered Low-E Insulated Glass, Add	*104.34*	
08 52 16 00-0814	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	660.66	50.26
		For Tempered Low-E Insulated Glass, Add	*112.03*	
08 52 16 00-0815	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	703.60	53.28
		For Tempered Low-E Insulated Glass, Add	*119.61*	
08 52 16 00-0816	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	769.50	56.80
		For Tempered Low-E Insulated Glass, Add	*131.18*	
08 52 16 00-0817	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	811.44	59.31
		For Tempered Low-E Insulated Glass, Add	*138.76*	
08 52 16 00-0818	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	874.35	62.33
		For Tempered Low-E Insulated Glass, Add	*149.94*	
08 52 16 00-0819	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	891.77	65.35
		For Tempered Low-E Insulated Glass, Add	*152.42*	
08 52 16 00-0820	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	951.94	68.36
		For Tempered Low-E Insulated Glass, Add	*163.04*	
08 52 16 00-0821	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,519.00	75.40
		For Tempered Low-E Insulated Glass, Add	*273.84*	
08 52 16 00-0822		**28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0786)*		
08 52 16 00-0823	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	555.85	47.25
		For Tempered Low-E Insulated Glass, Add	*92.47*	
08 52 16 00-0824	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	611.75	49.26
		For Tempered Low-E Insulated Glass, Add	*102.85*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0825	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	647.60	50.26
		For Tempered Low-E Insulated Glass, Add	*109.41*	
08 52 16 00-0826	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	714.56	52.28
		For Tempered Low-E Insulated Glass, Add	*122.00*	
08 52 16 00-0827	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	781.45	55.29
		For Tempered Low-E Insulated Glass, Add	*134.37*	
08 52 16 00-0828	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	879.28	58.81
		For Tempered Low-E Insulated Glass, Add	*152.33*	
08 52 16 00-0829	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	943.16	61.33
		For Tempered Low-E Insulated Glass, Add	*164.30*	
08 52 16 00-0830	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,040.00	64.34
		For Tempered Low-E Insulated Glass, Add	*182.26*	
08 52 16 00-0831	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,075.07	67.36
		For Tempered Low-E Insulated Glass, Add	*188.27*	
08 52 16 00-0832	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,342.59	70.37
		For Tempered Low-E Insulated Glass, Add	*240.37*	
08 52 16 00-0833	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,560.40	77.41
		For Tempered Low-E Insulated Glass, Add	*281.32*	

08 52 16 00-0834 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0835	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	647.60	50.26
		For Tempered Low-E Insulated Glass, Add	*109.41*	
08 52 16 00-0836	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	686.16	51.78
		For Tempered Low-E Insulated Glass, Add	*116.52*	
08 52 16 00-0837	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	739.25	53.78
		For Tempered Low-E Insulated Glass, Add	*126.34*	
08 52 16 00-0838	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	798.43	56.30
		For Tempered Low-E Insulated Glass, Add	*137.17*	
08 52 16 00-0839	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	884.31	60.32
		For Tempered Low-E Insulated Glass, Add	*152.74*	
08 52 16 00-0840	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	944.19	62.33
		For Tempered Low-E Insulated Glass, Add	*163.91*	
08 52 16 00-0841	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,029.07	66.35
		For Tempered Low-E Insulated Glass, Add	*179.47*	
08 52 16 00-0842	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,088.26	68.36
		For Tempered Low-E Insulated Glass, Add	*190.31*	
08 52 16 00-0843	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,174.82	71.88
		For Tempered Low-E Insulated Glass, Add	*206.21*	
08 52 16 00-0844	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,666.31	78.41
		For Tempered Low-E Insulated Glass, Add	*301.90*	

08 52 16 00-0845 35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0846	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	739.25	53.78
		For Tempered Low-E Insulated Glass, Add	*126.34*	
08 52 16 00-0847	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	815.38	55.80
		For Tempered Low-E Insulated Glass, Add	*140.76*	
08 52 16 00-0848	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	882.26	58.31
		For Tempered Low-E Insulated Glass, Add	*153.13*	
08 52 16 00-0849	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	980.10	62.33
		For Tempered Low-E Insulated Glass, Add	*171.09*	
08 52 16 00-0850	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,045.98	64.34
		For Tempered Low-E Insulated Glass, Add	*183.46*	
08 52 16 00-0851	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,140.82	68.36
		For Tempered Low-E Insulated Glass, Add	*201.02*	
08 52 16 00-0852	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	989.53	70.37
		For Tempered Low-E Insulated Glass, Add	*169.76*	
08 52 16 00-0853	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,063.54	73.90
		For Tempered Low-E Insulated Glass, Add	*183.15*	

08 52 16 00-0854 40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0855	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	865.27	58.31
		For Tempered Low-E Insulated Glass, Add	*150.74*	
08 52 16 00-0856	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	986.09	62.33
		For Tempered Low-E Insulated Glass, Add	*172.29*	

08 52 16 00-0857 48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0858	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,039.97	62.33
		For Tempered Low-E Insulated Glass, Add	*183.06*	
08 52 16 00-0859	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,154.73	65.35
		For Tempered Low-E Insulated Glass, Add	*205.01*	
08 52 16 00-0860	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,322.41	68.87
		For Tempered Low-E Insulated Glass, Add	*236.94*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0861		59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0862	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,294.04	67.86
		For Tempered Low-E Insulated Glass, Add	*231.66*	
08 52 16 00-0863	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,394.36	70.37
		For Tempered Low-E Insulated Glass, Add	*250.72*	
08 52 16 00-0864		71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0865	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,418.94	68.36
		For Tempered Low-E Insulated Glass, Add	*256.44*	
08 52 16 00-0866	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,466.36	73.90
		For Tempered Low-E Insulated Glass, Add	*263.72*	
08 52 16 00-0867	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,626.42	76.40
		For Tempered Low-E Insulated Glass, Add	*294.72*	
08 52 16 00-0868	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,789.12	80.43
		For Tempered Low-E Insulated Glass, Add	*325.65*	
08 52 16 00-0869		Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0785)*		
08 52 16 00-0870		17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0869)*		
08 52 16 00-0871	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	433.05	41.22
		For Tempered Low-E Insulated Glass, Add	*70.12*	
08 52 16 00-0872	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	467.00	43.23
		For Tempered Low-E Insulated Glass, Add	*76.11*	
08 52 16 00-0873	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	489.31	44.73
		For Tempered Low-E Insulated Glass, Add	*79.97*	
08 52 16 00-0874	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	525.92	46.75
		For Tempered Low-E Insulated Glass, Add	*86.48*	
08 52 16 00-0875	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	564.86	49.26
		For Tempered Low-E Insulated Glass, Add	*93.27*	
08 52 16 00-0876	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	624.79	53.28
		For Tempered Low-E Insulated Glass, Add	*103.64*	
08 52 16 00-0877	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	660.74	55.29
		For Tempered Low-E Insulated Glass, Add	*110.03*	
08 52 16 00-0878	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	717.65	59.31
		For Tempered Low-E Insulated Glass, Add	*120.01*	
08 52 16 00-0879	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	756.61	61.33
		For Tempered Low-E Insulated Glass, Add	*126.79*	
08 52 16 00-0880	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	813.52	64.85
		For Tempered Low-E Insulated Glass, Add	*136.77*	
08 52 16 00-0881		20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0869)*		
08 52 16 00-0882	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	460.00	43.23
		For Tempered Low-E Insulated Glass, Add	*74.91*	
08 52 16 00-0883	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	493.95	45.24
		For Tempered Low-E Insulated Glass, Add	*80.90*	
08 52 16 00-0884	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	514.33	46.24
		For Tempered Low-E Insulated Glass, Add	*84.37*	
08 52 16 00-0885	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	554.87	48.26
		For Tempered Low-E Insulated Glass, Add	*91.67*	
08 52 16 00-0886	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	593.82	51.27
		For Tempered Low-E Insulated Glass, Add	*98.46*	
08 52 16 00-0887	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	651.75	54.79
		For Tempered Low-E Insulated Glass, Add	*108.43*	
08 52 16 00-0888	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	689.69	57.30
		For Tempered Low-E Insulated Glass, Add	*115.22*	
08 52 16 00-0889	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	744.61	60.32
		For Tempered Low-E Insulated Glass, Add	*124.80*	
08 52 16 00-0890	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	785.56	63.33
		For Tempered Low-E Insulated Glass, Add	*131.98*	
08 52 16 00-0891	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	840.49	66.35
		For Tempered Low-E Insulated Glass, Add	*141.56*	
08 52 16 00-0892		24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0869)*		
08 52 16 00-0893	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	489.96	45.24
		For Tempered Low-E Insulated Glass, Add	*80.10*	
08 52 16 00-0894	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	523.92	47.25
		For Tempered Low-E Insulated Glass, Add	*86.08*	
08 52 16 00-0895	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	542.04	48.26
		For Tempered Low-E Insulated Glass, Add	*89.11*	
08 52 16 00-0896	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	582.84	50.26
		For Tempered Low-E Insulated Glass, Add	*96.46*	
08 52 16 00-0897	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	621.79	53.28
		For Tempered Low-E Insulated Glass, Add	*103.25*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0898	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	679.71	56.80
		For Tempered Low-E Insulated Glass, Add	*113.22*	
08 52 16 00-0899	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	717.65	59.31
		For Tempered Low-E Insulated Glass, Add	*120.01*	
08 52 16 00-0900	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	774.58	62.33
		For Tempered Low-E Insulated Glass, Add	*129.98*	
08 52 16 00-0901	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	813.52	65.35
		For Tempered Low-E Insulated Glass, Add	*136.77*	
08 52 16 00-0902	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	870.46	68.36
		For Tempered Low-E Insulated Glass, Add	*146.75*	

08 52 16 00-0903 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0869)*

08 52 16 00-0904	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	492.00	47.25
		For Tempered Low-E Insulated Glass, Add	*79.70*	
08 52 16 00-0905	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	537.92	49.26
		For Tempered Low-E Insulated Glass, Add	*88.08*	
08 52 16 00-0906	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	562.98	50.26
		For Tempered Low-E Insulated Glass, Add	*92.49*	
08 52 16 00-0907	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	586.86	52.28
		For Tempered Low-E Insulated Glass, Add	*96.46*	
08 52 16 00-0908	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	673.70	55.29
		For Tempered Low-E Insulated Glass, Add	*112.82*	
08 52 16 00-0909	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	751.58	58.81
		For Tempered Low-E Insulated Glass, Add	*126.79*	
08 52 16 00-0910	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	803.49	61.33
		For Tempered Low-E Insulated Glass, Add	*136.37*	
08 52 16 00-0911	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	880.36	64.34
		For Tempered Low-E Insulated Glass, Add	*150.34*	
08 52 16 00-0912	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	935.27	67.36
		For Tempered Low-E Insulated Glass, Add	*160.31*	
08 52 16 00-0913	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,012.16	70.37
		For Tempered Low-E Insulated Glass, Add	*174.28*	

08 52 16 00-0914 31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0869)*

08 52 16 00-0915	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	562.98	50.26
		For Tempered Low-E Insulated Glass, Add	*92.49*	
08 52 16 00-0916	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	594.77	51.78
		For Tempered Low-E Insulated Glass, Add	*98.24*	
08 52 16 00-0917	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	637.71	53.78
		For Tempered Low-E Insulated Glass, Add	*106.03*	
08 52 16 00-0918	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	686.73	56.30
		For Tempered Low-E Insulated Glass, Add	*114.83*	
08 52 16 00-0919	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	757.39	60.32
		For Tempered Low-E Insulated Glass, Add	*127.35*	
08 52 16 00-0920	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	805.42	62.33
		For Tempered Low-E Insulated Glass, Add	*136.15*	
08 52 16 00-0921	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	875.07	66.35
		For Tempered Low-E Insulated Glass, Add	*148.67*	
08 52 16 00-0922	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	922.41	68.36
		For Tempered Low-E Insulated Glass, Add	*157.14*	
08 52 16 00-0923	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	992.06	71.88
		For Tempered Low-E Insulated Glass, Add	*169.66*	

08 52 16 00-0924 35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0869)*

08 52 16 00-0925	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	637.71	53.78
		For Tempered Low-E Insulated Glass, Add	*106.03*	
08 52 16 00-0926	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	701.65	55.80
		For Tempered Low-E Insulated Glass, Add	*118.01*	
08 52 16 00-0927	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	754.56	58.31
		For Tempered Low-E Insulated Glass, Add	*127.59*	
08 52 16 00-0928	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	834.44	62.33
		For Tempered Low-E Insulated Glass, Add	*141.96*	
08 52 16 00-0929	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	886.35	64.34
		For Tempered Low-E Insulated Glass, Add	*151.53*	
08 52 16 00-0930	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	963.23	68.36
		For Tempered Low-E Insulated Glass, Add	*165.50*	
08 52 16 00-0931	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,016.15	70.37
		For Tempered Low-E Insulated Glass, Add	*175.08*	
08 52 16 00-0932	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,093.02	73.90
		For Tempered Low-E Insulated Glass, Add	*189.05*	

08 52 16 00-0933 Horizontal Sliding Wood Clad Windows *(08 52 16)*

Note: Sliding windows open horizontally with one or more operating sashes combined with stationary sashes

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0934		One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0933)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0935		17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0934)*		
08 52 16 00-0936	EA	47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	515.35	53.28
		For Tempered Clear Insulated Glass, Add	*81.96*	
08 52 16 00-0937		23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0934)*		
08 52 16 00-0938	EA	35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	473.85	49.26
		For Tempered Clear Insulated Glass, Add	*74.87*	
08 52 16 00-0939	EA	47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	554.87	56.30
		For Tempered Clear Insulated Glass, Add	*88.66*	
08 52 16 00-0940		35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0934)*		
08 52 16 00-0941	EA	35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	554.87	56.30
		For Tempered Clear Insulated Glass, Add	*88.66*	
08 52 16 00-0942	EA	47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	635.90	62.33
		For Tempered Clear Insulated Glass, Add	*102.45*	
08 52 16 00-0943	EA	59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	716.91	67.86
		For Tempered Clear Insulated Glass, Add	*116.24*	
08 52 16 00-0944	EA	71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	797.93	73.90
		For Tempered Clear Insulated Glass, Add	*130.03*	
08 52 16 00-0945		41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0934)*		
08 52 16 00-0946	EA	35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	596.36	59.31
		For Tempered Clear Insulated Glass, Add	*95.75*	
08 52 16 00-0947	EA	47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	675.41	65.35
		For Tempered Clear Insulated Glass, Add	*109.15*	
08 52 16 00-0948	EA	59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	756.42	70.87
		For Tempered Clear Insulated Glass, Add	*122.94*	
08 52 16 00-0949	EA	71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	906.41	76.91
		For Tempered Clear Insulated Glass, Add	*150.52*	
08 52 16 00-0950		47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0934)*		
08 52 16 00-0951	EA	35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	635.90	62.33
		For Tempered Clear Insulated Glass, Add	*102.45*	
08 52 16 00-0952	EA	47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	716.91	68.36
		For Tempered Clear Insulated Glass, Add	*116.24*	
08 52 16 00-0953	EA	59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	797.93	73.90
		For Tempered Clear Insulated Glass, Add	*130.03*	
08 52 16 00-0954	EA	71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	878.94	79.92
		For Tempered Clear Insulated Glass, Add	*143.82*	
08 52 16 00-0955		53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0934)*		
08 52 16 00-0956	EA	47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	756.42	71.38
		For Tempered Clear Insulated Glass, Add	*122.94*	
08 52 16 00-0957	EA	59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	837.46	76.91
		For Tempered Clear Insulated Glass, Add	*136.73*	
08 52 16 00-0958	EA	71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	918.47	82.93
		For Tempered Clear Insulated Glass, Add	*150.52*	
08 52 16 00-0959		59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0934)*		
08 52 16 00-0960	EA	47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	797.93	74.39
		For Tempered Clear Insulated Glass, Add	*130.03*	
08 52 16 00-0961	EA	59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	878.94	79.92
		For Tempered Clear Insulated Glass, Add	*143.82*	
08 52 16 00-0962	EA	71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	960.11	85.96
		For Tempered Clear Insulated Glass, Add	*157.64*	
08 52 16 00-0963		Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0933)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0964		**22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0963)*		
08 52 16 00-0965	EA	35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,165.16	49.26
		For Tempered Low-E Insulated Glass, Add	*213.13*	
08 52 16 00-0966	EA	47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,388.04	56.30
		For Tempered Low-E Insulated Glass, Add	*255.29*	
08 52 16 00-0967		**35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0963)*		
08 52 16 00-0968	EA	35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,405.77	56.30
		For Tempered Low-E Insulated Glass, Add	*258.84*	
08 52 16 00-0969	EA	47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,630.61	62.33
		For Tempered Low-E Insulated Glass, Add	*301.39*	
08 52 16 00-0970	EA	59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,853.48	67.86
		For Tempered Low-E Insulated Glass, Add	*343.55*	
08 52 16 00-0971	EA	71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,076.34	73.90
		For Tempered Low-E Insulated Glass, Add	*385.71*	
08 52 16 00-0972		**41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0963)*		
08 52 16 00-0973	EA	35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,518.19	59.31
		For Tempered Low-E Insulated Glass, Add	*280.11*	
08 52 16 00-0974	EA	47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,741.05	65.35
		For Tempered Low-E Insulated Glass, Add	*322.27*	
08 52 16 00-0975	EA	59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,965.89	70.87
		For Tempered Low-E Insulated Glass, Add	*364.83*	
08 52 16 00-0976	EA	71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,188.77	76.91
		For Tempered Low-E Insulated Glass, Add	*406.99*	
08 52 16 00-0977		**47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0963)*		
08 52 16 00-0978	EA	35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,630.61	62.33
		For Tempered Low-E Insulated Glass, Add	*301.39*	
08 52 16 00-0979	EA	47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,853.48	68.36
		For Tempered Low-E Insulated Glass, Add	*343.55*	
08 52 16 00-0980	EA	59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,076.34	73.90
		For Tempered Low-E Insulated Glass, Add	*385.71*	
08 52 16 00-0981	EA	71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,301.18	79.92
		For Tempered Low-E Insulated Glass, Add	*428.27*	
08 52 16 00-0982		**59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0963)*		
08 52 16 00-0983	EA	35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,853.48	68.36
		For Tempered Low-E Insulated Glass, Add	*343.55*	
08 52 16 00-0984	EA	47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,076.34	74.39
		For Tempered Low-E Insulated Glass, Add	*385.71*	
08 52 16 00-0985	EA	59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,301.18	79.92
		For Tempered Low-E Insulated Glass, Add	*428.27*	
08 52 16 00-0986	EA	71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,524.04	85.96
		For Tempered Low-E Insulated Glass, Add	*470.43*	
08 52 16 00-0987		**Picture Wood Clad Windows** *(08 52 16)*		
		Note: Picture windows are fixed windows.		
08 52 16 00-0988		**Picture Wood Clad Windows For Awning And Casement Windows** *(08 52 16 00-0987)*		
08 52 16 00-0989		**Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)** *(08 52 16 00-0988)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0990		**12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)** *(08 52 16 00-0989)*		
08 52 16 00-0991	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	405.53	40.21
		For Tempered Clear Insulated Glass, Add	*65.02*	
08 52 16 00-0992	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	475.15	44.24
		For Tempered Clear Insulated Glass, Add	*77.34*	
08 52 16 00-0993	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	504.95	46.24
		For Tempered Clear Insulated Glass, Add	*82.49*	
08 52 16 00-0994	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	547.78	50.26
		For Tempered Clear Insulated Glass, Add	*89.65*	
08 52 16 00-0995	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	577.16	52.28
		For Tempered Clear Insulated Glass, Add	*94.52*	
08 52 16 00-0996	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	620.00	56.30
		For Tempered Clear Insulated Glass, Add	*101.68*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0997		35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0989)*		
08 52 16 00-0998	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	449.25	49.26
		For Tempered Clear Insulated Glass, Add	*70.15*	
08 52 16 00-0999	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	520.55	52.28
		For Tempered Clear Insulated Glass, Add	*83.40*	
08 52 16 00-1000	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	625.56	55.80
		For Tempered Clear Insulated Glass, Add	*102.79*	
08 52 16 00-1001	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	694.24	57.80
		For Tempered Clear Insulated Glass, Add	*115.73*	
08 52 16 00-1002	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	796.64	61.33
		For Tempered Clear Insulated Glass, Add	*134.80*	
08 52 16 00-1003	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	867.93	63.84
		For Tempered Clear Insulated Glass, Add	*148.05*	
08 52 16 00-1004	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,293.58	67.36
		For Tempered Clear Insulated Glass, Add	*231.77*	
08 52 16 00-1005		40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0989)*		
08 52 16 00-1006	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	520.55	52.28
		For Tempered Clear Insulated Glass, Add	*83.40*	
08 52 16 00-1007	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	591.84	54.29
		For Tempered Clear Insulated Glass, Add	*96.65*	
08 52 16 00-1008	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	696.85	58.31
		For Tempered Clear Insulated Glass, Add	*116.05*	
08 52 16 00-1009	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	765.52	60.32
		For Tempered Clear Insulated Glass, Add	*128.98*	
08 52 16 00-1010	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	867.93	64.34
		For Tempered Clear Insulated Glass, Add	*148.05*	
08 52 16 00-1011	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	939.22	66.35
		For Tempered Clear Insulated Glass, Add	*161.30*	
08 52 16 00-1012	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,041.62	70.37
		For Tempered Clear Insulated Glass, Add	*180.38*	
08 52 16 00-1013		48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0989)*		
08 52 16 00-1014	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	625.56	56.30
		For Tempered Clear Insulated Glass, Add	*102.79*	
08 52 16 00-1015	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	696.85	58.31
		For Tempered Clear Insulated Glass, Add	*116.05*	
08 52 16 00-1016	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	801.88	62.33
		For Tempered Clear Insulated Glass, Add	*135.44*	
08 52 16 00-1017	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	870.55	64.34
		For Tempered Clear Insulated Glass, Add	*148.37*	
08 52 16 00-1018	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	972.95	68.36
		For Tempered Clear Insulated Glass, Add	*167.45*	
08 52 16 00-1019	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,044.25	70.37
		For Tempered Clear Insulated Glass, Add	*180.70*	
08 52 16 00-1020	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,146.64	74.39
		For Tempered Clear Insulated Glass, Add	*199.77*	
08 52 16 00-1021		52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0989)*		
08 52 16 00-1022	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	694.24	58.31
		For Tempered Clear Insulated Glass, Add	*115.73*	
08 52 16 00-1023	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	765.52	60.32
		For Tempered Clear Insulated Glass, Add	*128.98*	
08 52 16 00-1024	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	870.55	64.34
		For Tempered Clear Insulated Glass, Add	*148.37*	
08 52 16 00-1025	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	939.22	66.35
		For Tempered Clear Insulated Glass, Add	*161.30*	
08 52 16 00-1026	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,041.62	70.37
		For Tempered Clear Insulated Glass, Add	*180.38*	
08 52 16 00-1027	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,112.92	72.38
		For Tempered Clear Insulated Glass, Add	*193.63*	
08 52 16 00-1028	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,310.67	76.40
		For Tempered Clear Insulated Glass, Add	*231.77*	
08 52 16 00-1029		59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0989)*		
08 52 16 00-1030	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	796.64	61.33
		For Tempered Clear Insulated Glass, Add	*134.80*	
08 52 16 00-1031	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	867.93	64.34
		For Tempered Clear Insulated Glass, Add	*148.05*	

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08 52 16 00-1032	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	972.95	67.86
		For Tempered Clear Insulated Glass, Add	*167.45*	
08 52 16 00-1033	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,041.62	69.86
		For Tempered Clear Insulated Glass, Add	*180.38*	
08 52 16 00-1034	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,144.01	73.39
		For Tempered Clear Insulated Glass, Add	*199.45*	
08 52 16 00-1035	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,215.31	75.90
		For Tempered Clear Insulated Glass, Add	*212.70*	
08 52 16 00-1036	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,317.70	79.42
		For Tempered Clear Insulated Glass, Add	*231.77*	

08 52 16 00-1037 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0989)*

08 52 16 00-1038	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	867.93	64.34
		For Tempered Clear Insulated Glass, Add	*148.05*	
08 52 16 00-1039	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	939.22	66.35
		For Tempered Clear Insulated Glass, Add	*161.30*	
08 52 16 00-1040	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,044.25	70.37
		For Tempered Clear Insulated Glass, Add	*180.70*	
08 52 16 00-1041	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,112.92	72.38
		For Tempered Clear Insulated Glass, Add	*193.63*	
08 52 16 00-1042	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,310.67	76.40
		For Tempered Clear Insulated Glass, Add	*231.77*	

08 52 16 00-1043 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0989)*

08 52 16 00-1044	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	970.32	67.36
		For Tempered Clear Insulated Glass, Add	*167.12*	
08 52 16 00-1045	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,041.62	70.37
		For Tempered Clear Insulated Glass, Add	*180.38*	
08 52 16 00-1046	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,146.64	73.90
		For Tempered Clear Insulated Glass, Add	*199.77*	
08 52 16 00-1047	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,215.31	75.90
		For Tempered Clear Insulated Glass, Add	*212.70*	
08 52 16 00-1048	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,317.70	79.42
		For Tempered Clear Insulated Glass, Add	*231.77*	

08 52 16 00-1049 Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0988)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-1050 12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-1049)*

08 52 16 00-1051	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	481.78	40.21
		For Tempered Low-E Insulated Glass, Add	*80.27*	
08 52 16 00-1052	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	565.85	44.24
		For Tempered Low-E Insulated Glass, Add	*95.48*	
08 52 16 00-1053	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	601.70	46.24
		For Tempered Low-E Insulated Glass, Add	*101.84*	
08 52 16 00-1054	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	652.93	50.26
		For Tempered Low-E Insulated Glass, Add	*110.68*	
08 52 16 00-1055	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	688.01	52.28
		For Tempered Low-E Insulated Glass, Add	*116.69*	
08 52 16 00-1056	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	739.26	56.30
		For Tempered Low-E Insulated Glass, Add	*125.53*	

08 52 16 00-1057 35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-1049)*

08 52 16 00-1058	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	531.52	49.26
		For Tempered Low-E Insulated Glass, Add	*86.60*	
08 52 16 00-1059	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	618.36	52.28
		For Tempered Low-E Insulated Glass, Add	*102.96*	
08 52 16 00-1060	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	746.13	55.80
		For Tempered Low-E Insulated Glass, Add	*126.91*	
08 52 16 00-1061	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	829.96	57.80
		For Tempered Low-E Insulated Glass, Add	*142.87*	
08 52 16 00-1062	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	954.73	61.33
		For Tempered Low-E Insulated Glass, Add	*166.42*	
08 52 16 00-1063	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,041.57	63.84
		For Tempered Low-E Insulated Glass, Add	*182.78*	
08 52 16 00-1064	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,565.41	67.36
		For Tempered Low-E Insulated Glass, Add	*286.14*	

08 52 16 00-1065 40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-1049)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1066	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	618.36	52.28
		For Tempered Low-E Insulated Glass, Add	*102.96*	
08 52 16 00-1067	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	705.19	54.29
		For Tempered Low-E Insulated Glass, Add	*119.32*	
08 52 16 00-1068	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	832.96	58.31
		For Tempered Low-E Insulated Glass, Add	*143.27*	
08 52 16 00-1069	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	916.79	60.32
		For Tempered Low-E Insulated Glass, Add	*159.23*	
08 52 16 00-1070	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,041.57	64.34
		For Tempered Low-E Insulated Glass, Add	*182.78*	
08 52 16 00-1071	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,128.40	66.35
		For Tempered Low-E Insulated Glass, Add	*199.14*	
08 52 16 00-1072	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,253.17	70.37
		For Tempered Low-E Insulated Glass, Add	*222.69*	
08 52 16 00-1073		48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-1049)*		
08 52 16 00-1074	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	746.13	56.30
		For Tempered Low-E Insulated Glass, Add	*126.91*	
08 52 16 00-1075	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	832.96	58.31
		For Tempered Low-E Insulated Glass, Add	*143.27*	
08 52 16 00-1076	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	960.73	62.33
		For Tempered Low-E Insulated Glass, Add	*167.21*	
08 52 16 00-1077	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,044.57	64.34
		For Tempered Low-E Insulated Glass, Add	*183.18*	
08 52 16 00-1078	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,169.34	68.36
		For Tempered Low-E Insulated Glass, Add	*206.72*	
08 52 16 00-1079	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,256.18	70.37
		For Tempered Low-E Insulated Glass, Add	*223.09*	
08 52 16 00-1080	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,380.94	74.39
		For Tempered Low-E Insulated Glass, Add	*246.63*	
08 52 16 00-1081		52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-1049)*		
08 52 16 00-1082	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	829.96	58.31
		For Tempered Low-E Insulated Glass, Add	*142.87*	
08 52 16 00-1083	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	916.79	60.32
		For Tempered Low-E Insulated Glass, Add	*159.23*	
08 52 16 00-1084	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,044.57	64.34
		For Tempered Low-E Insulated Glass, Add	*183.18*	
08 52 16 00-1085	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,128.40	66.35
		For Tempered Low-E Insulated Glass, Add	*199.14*	
08 52 16 00-1086	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,253.17	70.37
		For Tempered Low-E Insulated Glass, Add	*222.69*	
08 52 16 00-1087	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,340.01	72.38
		For Tempered Low-E Insulated Glass, Add	*239.05*	
08 52 16 00-1088	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,582.50	76.40
		For Tempered Low-E Insulated Glass, Add	*286.14*	
08 52 16 00-1089		59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-1049)*		
08 52 16 00-1090	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	954.73	61.33
		For Tempered Low-E Insulated Glass, Add	*166.42*	
08 52 16 00-1091	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,041.57	64.34
		For Tempered Low-E Insulated Glass, Add	*182.78*	
08 52 16 00-1092	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,169.34	67.86
		For Tempered Low-E Insulated Glass, Add	*206.72*	
08 52 16 00-1093	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,253.17	69.86
		For Tempered Low-E Insulated Glass, Add	*222.69*	
08 52 16 00-1094	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,377.93	73.39
		For Tempered Low-E Insulated Glass, Add	*246.23*	
08 52 16 00-1095	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,464.77	75.90
		For Tempered Low-E Insulated Glass, Add	*262.59*	
08 52 16 00-1096	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,589.53	79.42
		For Tempered Low-E Insulated Glass, Add	*286.14*	
08 52 16 00-1097		64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-1049)*		
08 52 16 00-1098	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,041.57	64.34
		For Tempered Low-E Insulated Glass, Add	*182.78*	
08 52 16 00-1099	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,128.40	66.35
		For Tempered Low-E Insulated Glass, Add	*199.14*	
08 52 16 00-1100	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,256.18	70.37
		For Tempered Low-E Insulated Glass, Add	*223.09*	
08 52 16 00-1101	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,340.01	72.38
		For Tempered Low-E Insulated Glass, Add	*239.05*	
08 52 16 00-1102	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,582.50	76.40
		For Tempered Low-E Insulated Glass, Add	*286.14*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1103		71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-1049)*			
08 52 16 00-1104	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)		1,166.33	67.36
		For Tempered Low-E Insulated Glass, Add		*206.32*	
08 52 16 00-1105	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)		1,253.17	70.37
		For Tempered Low-E Insulated Glass, Add		*222.69*	
08 52 16 00-1106	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)		1,380.94	73.90
		For Tempered Low-E Insulated Glass, Add		*246.63*	
08 52 16 00-1107	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)		1,464.77	75.90
		For Tempered Low-E Insulated Glass, Add		*262.59*	
08 52 16 00-1108	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)		1,589.53	79.42
		For Tempered Low-E Insulated Glass, Add		*286.14*	
08 52 16 00-1109		Picture Wood Clad Windows For Double Hung Windows *(08 52 16 00-0987)*			
08 52 16 00-1110		Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-1109)*			
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.			
08 52 16 00-1111		35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-1110)*			
08 52 16 00-1112	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)		576.52	62.83
		For Tempered Clear Insulated Glass, Add		*90.17*	
08 52 16 00-1113	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)		591.92	64.34
		For Tempered Clear Insulated Glass, Add		*92.65*	
08 52 16 00-1114		47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-1110)*			
08 52 16 00-1115	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)		591.92	64.34
		For Tempered Clear Insulated Glass, Add		*92.65*	
08 52 16 00-1116	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)		718.59	76.40
		For Tempered Clear Insulated Glass, Add		*113.16*	
08 52 16 00-1117		53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-1110)*			
08 52 16 00-1118	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)		672.41	71.88
		For Tempered Clear Insulated Glass, Add		*105.73*	
08 52 16 00-1119	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)		687.80	73.39
		For Tempered Clear Insulated Glass, Add		*108.21*	
08 52 16 00-1120		56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-1110)*			
08 52 16 00-1121	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)		576.52	63.33
		For Tempered Clear Insulated Glass, Add		*90.17*	
08 52 16 00-1122	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)		672.41	71.88
		For Tempered Clear Insulated Glass, Add		*105.73*	
08 52 16 00-1123		59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-1110)*			
08 52 16 00-1124	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)		591.92	64.34
		For Tempered Clear Insulated Glass, Add		*92.65*	
08 52 16 00-1125	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)		687.80	73.39
		For Tempered Clear Insulated Glass, Add		*108.21*	
08 52 16 00-1126	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)		718.59	76.40
		For Tempered Clear Insulated Glass, Add		*113.16*	
08 52 16 00-1127	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)		751.13	79.42
		For Tempered Clear Insulated Glass, Add		*118.46*	
08 52 16 00-1128		65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-1110)*			
08 52 16 00-1129	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)		751.13	79.42
		For Tempered Clear Insulated Glass, Add		*118.46*	
08 52 16 00-1130		71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-1110)*			
08 52 16 00-1131	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)		718.59	76.40
		For Tempered Clear Insulated Glass, Add		*113.16*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1132		Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1109)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-1133		48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1132)*		
08 52 16 00-1134	EA	12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	647.91	47.25
		For Tempered Low-E Insulated Glass, Add	*110.68*	
08 52 16 00-1135	EA	37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	906.42	60.32
		For Tempered Low-E Insulated Glass, Add	*157.36*	
08 52 16 00-1136	EA	41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	945.81	61.82
		For Tempered Low-E Insulated Glass, Add	*164.43*	
08 52 16 00-1137	EA	47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,004.88	64.85
		For Tempered Low-E Insulated Glass, Add	*175.04*	
08 52 16 00-1138	EA	51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,044.26	67.36
		For Tempered Low-E Insulated Glass, Add	*182.11*	
08 52 16 00-1139	EA	59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,124.79	70.87
		For Tempered Low-E Insulated Glass, Add	*196.61*	
08 52 16 00-1140	EA	67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,205.34	75.40
		For Tempered Low-E Insulated Glass, Add	*211.11*	
08 52 16 00-1141		52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1132)*		
08 52 16 00-1142	EA	12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	689.06	49.26
		For Tempered Low-E Insulated Glass, Add	*118.11*	
08 52 16 00-1143	EA	37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	945.81	62.33
		For Tempered Low-E Insulated Glass, Add	*164.43*	
08 52 16 00-1144	EA	41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	986.96	63.84
		For Tempered Low-E Insulated Glass, Add	*171.86*	
08 52 16 00-1145	EA	47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,044.26	66.85
		For Tempered Low-E Insulated Glass, Add	*182.11*	
08 52 16 00-1146	EA	51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,085.41	69.37
		For Tempered Low-E Insulated Glass, Add	*189.54*	
08 52 16 00-1147	EA	59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,165.95	72.89
		For Tempered Low-E Insulated Glass, Add	*204.04*	
08 52 16 00-1148	EA	67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,246.49	77.41
		For Tempered Low-E Insulated Glass, Add	*218.53*	
08 52 16 00-1149		56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1132)*		
08 52 16 00-1150	EA	12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	728.44	51.27
		For Tempered Low-E Insulated Glass, Add	*125.18*	
08 52 16 00-1151	EA	37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	986.96	64.34
		For Tempered Low-E Insulated Glass, Add	*171.86*	
08 52 16 00-1152	EA	41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,026.35	65.84
		For Tempered Low-E Insulated Glass, Add	*178.93*	
08 52 16 00-1153	EA	47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,085.41	68.87
		For Tempered Low-E Insulated Glass, Add	*189.54*	
08 52 16 00-1154	EA	51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,124.79	71.38
		For Tempered Low-E Insulated Glass, Add	*196.61*	
08 52 16 00-1155	EA	59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,205.34	74.89
		For Tempered Low-E Insulated Glass, Add	*211.11*	
08 52 16 00-1156	EA	67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,287.64	79.42
		For Tempered Low-E Insulated Glass, Add	*225.96*	
08 52 16 00-1157		60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1132)*		
08 52 16 00-1158	EA	12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	769.60	53.28
		For Tempered Low-E Insulated Glass, Add	*132.61*	
08 52 16 00-1159	EA	37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,026.35	66.35
		For Tempered Low-E Insulated Glass, Add	*178.93*	
08 52 16 00-1160	EA	41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,067.50	67.86
		For Tempered Low-E Insulated Glass, Add	*186.36*	
08 52 16 00-1161	EA	47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,124.79	70.87
		For Tempered Low-E Insulated Glass, Add	*196.61*	
08 52 16 00-1162	EA	51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,165.95	73.39
		For Tempered Low-E Insulated Glass, Add	*204.04*	
08 52 16 00-1163	EA	59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,246.49	76.91
		For Tempered Low-E Insulated Glass, Add	*218.53*	
08 52 16 00-1164	EA	67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,327.02	81.43
		For Tempered Low-E Insulated Glass, Add	*233.03*	
08 52 16 00-1165		64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1132)*		
08 52 16 00-1166	EA	12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	808.98	55.29
		For Tempered Low-E Insulated Glass, Add	*139.68*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1167	EA		37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,067.50	68.36
			For Tempered Low-E Insulated Glass, Add	*186.36*	
08 52 16 00-1168	EA		41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,108.64	69.86
			For Tempered Low-E Insulated Glass, Add	*193.78*	
08 52 16 00-1169	EA		47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,165.95	72.89
			For Tempered Low-E Insulated Glass, Add	*204.04*	
08 52 16 00-1170	EA		51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,205.34	75.40
			For Tempered Low-E Insulated Glass, Add	*211.11*	
08 52 16 00-1171	EA		59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,287.64	78.91
			For Tempered Low-E Insulated Glass, Add	*225.96*	
08 52 16 00-1172	EA		67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,368.17	83.44
			For Tempered Low-E Insulated Glass, Add	*240.46*	

08 52 16 00-1173 68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1132)*

08 52 16 00-1174	EA		12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	850.13	57.30
			For Tempered Low-E Insulated Glass, Add	*147.10*	
08 52 16 00-1175	EA		37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,108.64	70.37
			For Tempered Low-E Insulated Glass, Add	*193.78*	
08 52 16 00-1176	EA		41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,148.03	71.88
			For Tempered Low-E Insulated Glass, Add	*200.85*	
08 52 16 00-1177	EA		47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,205.34	74.89
			For Tempered Low-E Insulated Glass, Add	*211.11*	
08 52 16 00-1178	EA		51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,246.49	77.41
			For Tempered Low-E Insulated Glass, Add	*218.53*	
08 52 16 00-1179	EA		59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,327.02	80.93
			For Tempered Low-E Insulated Glass, Add	*233.03*	
08 52 16 00-1180	EA		67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,407.55	85.45
			For Tempered Low-E Insulated Glass, Add	*247.53*	

08 52 16 00-1181 72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1132)*

08 52 16 00-1182	EA		12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	889.51	59.31
			For Tempered Low-E Insulated Glass, Add	*154.18*	
08 52 16 00-1183	EA		37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,148.03	72.38
			For Tempered Low-E Insulated Glass, Add	*200.85*	
08 52 16 00-1184	EA		41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,189.18	73.90
			For Tempered Low-E Insulated Glass, Add	*208.28*	
08 52 16 00-1185	EA		47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,246.49	76.91
			For Tempered Low-E Insulated Glass, Add	*218.53*	
08 52 16 00-1186	EA		51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,287.64	79.42
			For Tempered Low-E Insulated Glass, Add	*225.96*	
08 52 16 00-1187	EA		59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,368.17	82.93
			For Tempered Low-E Insulated Glass, Add	*240.46*	
08 52 16 00-1188	EA		67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,448.70	87.46
			For Tempered Low-E Insulated Glass, Add	*254.96*	

08 52 16 00-1189 76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-1132)*

08 52 16 00-1190	EA		12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	930.66	61.33
			For Tempered Low-E Insulated Glass, Add	*161.60*	
08 52 16 00-1191	EA		37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,189.18	74.39
			For Tempered Low-E Insulated Glass, Add	*208.28*	
08 52 16 00-1192	EA		41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,228.56	75.90
			For Tempered Low-E Insulated Glass, Add	*215.35*	
08 52 16 00-1193	EA		47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,287.64	78.91
			For Tempered Low-E Insulated Glass, Add	*225.96*	
08 52 16 00-1194	EA		51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,327.02	81.43
			For Tempered Low-E Insulated Glass, Add	*233.03*	
08 52 16 00-1195	EA		59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,407.55	84.95
			For Tempered Low-E Insulated Glass, Add	*247.53*	
08 52 16 00-1196	EA		67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,488.08	89.47
			For Tempered Low-E Insulated Glass, Add	*262.03*	

08 52 16 00-1197 Picture Wood Clad Windows For Horizontal Sliding Windows *(08 52 16 00-0987)*

08 52 16 00-1198 Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1197)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-1199 35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1198)*

08 52 16 00-1200	EA		56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	576.52	62.83
			For Tempered Clear Insulated Glass, Add	*90.17*	
08 52 16 00-1201	EA		59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	591.92	64.34
			For Tempered Clear Insulated Glass, Add	*92.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1202		47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1198)*		
08 52 16 00-1203	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	591.92	64.34
		For Tempered Clear Insulated Glass, Add	*92.65*	
08 52 16 00-1204	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	718.59	76.40
		For Tempered Clear Insulated Glass, Add	*113.16*	
08 52 16 00-1205		53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1198)*		
08 52 16 00-1206	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	672.41	71.88
		For Tempered Clear Insulated Glass, Add	*105.73*	
08 52 16 00-1207	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	687.80	73.39
		For Tempered Clear Insulated Glass, Add	*108.21*	
08 52 16 00-1208		56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1198)*		
08 52 16 00-1209	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	576.52	63.33
		For Tempered Clear Insulated Glass, Add	*90.17*	
08 52 16 00-1210	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	672.41	71.88
		For Tempered Clear Insulated Glass, Add	*105.73*	
08 52 16 00-1211		59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1198)*		
08 52 16 00-1212	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	591.92	64.34
		For Tempered Clear Insulated Glass, Add	*92.65*	
08 52 16 00-1213	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	687.80	73.39
		For Tempered Clear Insulated Glass, Add	*108.21*	
08 52 16 00-1214	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	718.59	76.40
		For Tempered Clear Insulated Glass, Add	*113.16*	
08 52 16 00-1215	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	751.13	79.42
		For Tempered Clear Insulated Glass, Add	*118.46*	
08 52 16 00-1216		65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1198)*		
08 52 16 00-1217	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	751.13	79.42
		For Tempered Clear Insulated Glass, Add	*118.46*	
08 52 16 00-1218		71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1198)*		
08 52 16 00-1219	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	718.59	76.40
		For Tempered Clear Insulated Glass, Add	*113.16*	
08 52 16 00-1220		Basement Wood Clad Windows *(08 52 16)*		
		Note: Basement windows are hinged at the bottom of the frame and swing outward with a crank or push out operation.		
08 52 16 00-1221		Basement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-1220)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 16 00-1222	EA	32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series)	303.71	40.21
08 52 16 00-1223	EA	32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series)	320.48	40.21
08 52 16 00-1224	EA	32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series)	335.23	40.21
08 52 16 00-1225		Factory Installed Grilles For Wood Clad Windows *(08 52 16)*		
08 52 16 00-1226		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1225)*		
08 52 16 00-1227	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	43.63	
08 52 16 00-1228	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	64.29	
08 52 16 00-1229	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	87.26	
08 52 16 00-1230	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	110.22	
08 52 16 00-1231	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	156.14	
08 52 16 00-1232		Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1225)*		
08 52 16 00-1233	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	69.80	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1234	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	102.87	
08 52 16 00-1235	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	139.61	
08 52 16 00-1236	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	176.35	
08 52 16 00-1237	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	249.83	
08 52 16 00-1238		Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1225)*		
08 52 16 00-1239	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	83.77	
08 52 16 00-1240	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	123.44	
08 52 16 00-1241	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	167.53	
08 52 16 00-1242	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	211.62	
08 52 16 00-1243	EA	>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	299.79	
08 52 16 00-1244		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1225)*		
08 52 16 00-1245	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	100.53	
08 52 16 00-1246	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	148.13	
08 52 16 00-1247	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	201.03	
08 52 16 00-1248	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	253.94	
08 52 16 00-1249	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	359.75	
08 52 66		**Wood Window Screens** *(08 52)*		
08 52 66 00-0001		Insect Screens For Wood Clad Windows *(08 52 66)*		
08 52 66 00-0002	EA	Up To 6 SF, Insect Screen For Wood Clad Windows	38.63	8.95
08 52 66 00-0003	EA	>6 To 9 SF, Insect Screen For Wood Clad Windows	44.55	8.95
08 52 66 00-0004	EA	>9 To 12 SF, Insect Screen For Wood Clad Windows	47.51	8.95
08 52 66 00-0005	EA	>12 To 15 SF, Insect Screen For Wood Clad Windows	53.43	8.95
08 52 66 00-0006	EA	>15 To 20 SF, Insect Screen For Wood Clad Windows	65.28	8.95
08 52 66 00-0007	EA	>20 To 25 SF, Insect Screen For Wood Clad Windows	71.20	8.95
08 52 66 00-0008	EA	>25 To 30 SF, Insect Screen For Wood Clad Windows	77.12	8.95
08 52 66 00-0009	EA	>30 To 35 SF, Insect Screen For Wood Clad Windows	83.04	8.95
08 52 66 00-0010	SF	>35 SF, Insect Screen For Wood Clad Windows	2.48	0.18

08 53 Plastic Windows *(08 50)*

08 53 13 Vinyl Windows *(08 53)*

08 53 13 00-0001 Single Hung Vinyl Windows *(08 53 13)*

08 53 13 00-0002 New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0001)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0003 34" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0004	EA	24" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	270.77	46.24
		For Colored Vinyl, Add	*17.83*	
		For Tinted Glass, Add	*21.39*	
		For Low-E Insulated Glass, Add	*44.57*	
		For Obscure Glass, Add	*49.03*	
08 53 13 00-0005	EA	28" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	284.73	48.26
		For Colored Vinyl, Add	*18.82*	
		For Tinted Glass, Add	*22.59*	
		For Low-E Insulated Glass, Add	*47.06*	
		For Obscure Glass, Add	*51.76*	
08 53 13 00-0006	EA	30" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	290.57	49.26
		For Colored Vinyl, Add	*19.21*	
		For Tinted Glass, Add	*23.05*	
		For Low-E Insulated Glass, Add	*48.01*	
		For Obscure Glass, Add	*52.81*	
08 53 13 00-0007	EA	32" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	296.92	50.26
		For Colored Vinyl, Add	*19.64*	
		For Tinted Glass, Add	*23.57*	
		For Low-E Insulated Glass, Add	*49.10*	
		For Obscure Glass, Add	*54.01*	
08 53 13 00-0008	EA	36" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	313.09	52.28
		For Colored Vinyl, Add	*20.85*	
		For Tinted Glass, Add	*25.02*	
		For Low-E Insulated Glass, Add	*52.14*	
		For Obscure Glass, Add	*57.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0009	EA	44" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	339.49	56.30
		For Colored Vinyl, Add	*22.69*	
		For Tinted Glass, Add	*27.23*	
		For Low-E Insulated Glass, Add	*56.73*	
		For Obscure Glass, Add	*62.40*	
08 53 13 00-0010		36" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0011	EA	24" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	276.28	47.25
		For Colored Vinyl, Add	*18.18*	
		For Tinted Glass, Add	*21.81*	
		For Low-E Insulated Glass, Add	*45.45*	
		For Obscure Glass, Add	*49.99*	
08 53 13 00-0012	EA	28" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	290.24	48.26
		For Colored Vinyl, Add	*19.17*	
		For Tinted Glass, Add	*23.01*	
		For Low-E Insulated Glass, Add	*47.93*	
		For Obscure Glass, Add	*52.72*	
08 53 13 00-0013	EA	30" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	296.08	50.26
		For Colored Vinyl, Add	*19.56*	
		For Tinted Glass, Add	*23.47*	
		For Low-E Insulated Glass, Add	*48.89*	
		For Obscure Glass, Add	*53.78*	
08 53 13 00-0014	EA	32" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	302.43	51.27
		For Colored Vinyl, Add	*19.99*	
		For Tinted Glass, Add	*23.99*	
		For Low-E Insulated Glass, Add	*49.97*	
		For Obscure Glass, Add	*54.97*	
08 53 13 00-0015	EA	36" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	318.61	53.28
		For Colored Vinyl, Add	*21.20*	
		For Tinted Glass, Add	*25.44*	
		For Low-E Insulated Glass, Add	*53.01*	
		For Obscure Glass, Add	*58.31*	
08 53 13 00-0016	EA	44" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	345.01	57.30
		For Colored Vinyl, Add	*23.04*	
		For Tinted Glass, Add	*27.65*	
		For Low-E Insulated Glass, Add	*57.60*	
		For Obscure Glass, Add	*63.36*	
08 53 13 00-0017		38" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0018	EA	24" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	281.62	48.26
		For Colored Vinyl, Add	*18.51*	
		For Tinted Glass, Add	*22.21*	
		For Low-E Insulated Glass, Add	*46.28*	
		For Obscure Glass, Add	*50.91*	
08 53 13 00-0019	EA	28" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	295.58	50.26
		For Colored Vinyl, Add	*19.51*	
		For Tinted Glass, Add	*23.41*	
		For Low-E Insulated Glass, Add	*48.76*	
		For Obscure Glass, Add	*53.64*	
08 53 13 00-0020	EA	30" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	301.64	51.27
		For Colored Vinyl, Add	*19.91*	
		For Tinted Glass, Add	*23.89*	
		For Low-E Insulated Glass, Add	*49.78*	
		For Obscure Glass, Add	*54.75*	
08 53 13 00-0021	EA	32" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	307.99	52.28
		For Colored Vinyl, Add	*20.34*	
		For Tinted Glass, Add	*24.41*	
		For Low-E Insulated Glass, Add	*50.86*	
		For Obscure Glass, Add	*55.95*	
08 53 13 00-0022	EA	36" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	324.41	54.29
		For Colored Vinyl, Add	*21.58*	
		For Tinted Glass, Add	*25.90*	
		For Low-E Insulated Glass, Add	*53.96*	
		For Obscure Glass, Add	*59.36*	
08 53 13 00-0023	EA	44" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	351.15	58.31
		For Colored Vinyl, Add	*23.45*	
		For Tinted Glass, Add	*28.14*	
		For Low-E Insulated Glass, Add	*58.64*	
		For Obscure Glass, Add	*64.50*	
08 53 13 00-0024		44" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0025	EA	24" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	297.95	51.27
		For Colored Vinyl, Add	*19.54*	
		For Tinted Glass, Add	*23.45*	
		For Low-E Insulated Glass, Add	*48.85*	
		For Obscure Glass, Add	*53.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0026	EA	28" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	311.92	53.28
		For Colored Vinyl, Add	*20.54*	
		For Tinted Glass, Add	*24.64*	
		For Low-E Insulated Glass, Add	*51.34*	
		For Obscure Glass, Add	*56.47*	
08 53 13 00-0027	EA	30" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	318.70	54.29
		For Colored Vinyl, Add	*21.01*	
		For Tinted Glass, Add	*25.22*	
		For Low-E Insulated Glass, Add	*52.53*	
		For Obscure Glass, Add	*57.79*	
08 53 13 00-0028	EA	32" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	325.06	55.29
		For Colored Vinyl, Add	*21.45*	
		For Tinted Glass, Add	*25.74*	
		For Low-E Insulated Glass, Add	*53.62*	
		For Obscure Glass, Add	*58.98*	
08 53 13 00-0029	EA	36" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	342.21	57.30
		For Colored Vinyl, Add	*22.76*	
		For Tinted Glass, Add	*27.31*	
		For Low-E Insulated Glass, Add	*56.90*	
		For Obscure Glass, Add	*62.59*	
08 53 13 00-0030	EA	44" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	369.87	61.33
		For Colored Vinyl, Add	*24.72*	
		For Tinted Glass, Add	*29.67*	
		For Low-E Insulated Glass, Add	*61.81*	
		For Obscure Glass, Add	*67.99*	

08 53 13 00-0031 46" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0032	EA	24" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	303.46	52.28
		For Colored Vinyl, Add	*19.89*	
		For Tinted Glass, Add	*23.87*	
		For Low-E Insulated Glass, Add	*49.73*	
		For Obscure Glass, Add	*54.70*	
08 53 13 00-0033	EA	28" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	317.42	54.29
		For Colored Vinyl, Add	*20.89*	
		For Tinted Glass, Add	*25.06*	
		For Low-E Insulated Glass, Add	*52.21*	
		For Obscure Glass, Add	*57.43*	
08 53 13 00-0034	EA	30" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	324.45	55.29
		For Colored Vinyl, Add	*21.39*	
		For Tinted Glass, Add	*25.66*	
		For Low-E Insulated Glass, Add	*53.47*	
		For Obscure Glass, Add	*58.81*	
08 53 13 00-0035	EA	32" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	330.79	56.30
		For Colored Vinyl, Add	*21.82*	
		For Tinted Glass, Add	*26.18*	
		For Low-E Insulated Glass, Add	*54.55*	
		For Obscure Glass, Add	*60.01*	
08 53 13 00-0036	EA	36" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	348.16	58.31
		For Colored Vinyl, Add	*23.16*	
		For Tinted Glass, Add	*27.79*	
		For Low-E Insulated Glass, Add	*57.89*	
		For Obscure Glass, Add	*63.68*	
08 53 13 00-0037	EA	44" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	376.17	62.33
		For Colored Vinyl, Add	*25.15*	
		For Tinted Glass, Add	*30.18*	
		For Low-E Insulated Glass, Add	*62.88*	
		For Obscure Glass, Add	*69.17*	

08 53 13 00-0038 48" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0039	EA	24" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	309.03	53.28
		For Colored Vinyl, Add	*20.25*	
		For Tinted Glass, Add	*24.30*	
		For Low-E Insulated Glass, Add	*50.62*	
		For Obscure Glass, Add	*55.68*	
08 53 13 00-0040	EA	28" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	322.99	55.29
		For Colored Vinyl, Add	*21.24*	
		For Tinted Glass, Add	*25.49*	
		For Low-E Insulated Glass, Add	*53.10*	
		For Obscure Glass, Add	*58.41*	
08 53 13 00-0041	EA	30" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	330.23	56.30
		For Colored Vinyl, Add	*21.76*	
		For Tinted Glass, Add	*26.12*	
		For Low-E Insulated Glass, Add	*54.41*	
		For Obscure Glass, Add	*59.85*	
08 53 13 00-0042	EA	32" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	336.58	57.30
		For Colored Vinyl, Add	*22.20*	
		For Tinted Glass, Add	*26.64*	
		For Low-E Insulated Glass, Add	*55.49*	
		For Obscure Glass, Add	*61.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0043	EA	36" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	354.21	59.31
		For Colored Vinyl, Add	*23.56*	
		For Tinted Glass, Add	*28.27*	
		For Low-E Insulated Glass, Add	*58.90*	
		For Obscure Glass, Add	*64.78*	
08 53 13 00-0044	EA	44" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	382.51	63.33
		For Colored Vinyl, Add	*25.58*	
		For Tinted Glass, Add	*30.70*	
		For Low-E Insulated Glass, Add	*63.96*	
		For Obscure Glass, Add	*70.36*	
08 53 13 00-0045		50" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0046	EA	24" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	314.37	54.29
		For Colored Vinyl, Add	*20.58*	
		For Tinted Glass, Add	*24.70*	
		For Low-E Insulated Glass, Add	*51.45*	
		For Obscure Glass, Add	*56.60*	
08 53 13 00-0047	EA	28" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	328.32	56.30
		For Colored Vinyl, Add	*21.57*	
		For Tinted Glass, Add	*25.89*	
		For Low-E Insulated Glass, Add	*53.93*	
		For Obscure Glass, Add	*59.33*	
08 53 13 00-0048	EA	30" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	335.83	57.30
		For Colored Vinyl, Add	*22.12*	
		For Tinted Glass, Add	*26.55*	
		For Low-E Insulated Glass, Add	*55.31*	
		For Obscure Glass, Add	*60.84*	
08 53 13 00-0049	EA	32" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	342.17	58.31
		For Colored Vinyl, Add	*22.56*	
		For Tinted Glass, Add	*27.07*	
		For Low-E Insulated Glass, Add	*56.39*	
		For Obscure Glass, Add	*62.03*	
08 53 13 00-0050	EA	36" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	360.01	60.32
		For Colored Vinyl, Add	*23.94*	
		For Tinted Glass, Add	*28.73*	
		For Low-E Insulated Glass, Add	*59.85*	
		For Obscure Glass, Add	*65.83*	
08 53 13 00-0051	EA	44" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	388.64	64.34
		For Colored Vinyl, Add	*26.00*	
		For Tinted Glass, Add	*31.20*	
		For Low-E Insulated Glass, Add	*64.99*	
		For Obscure Glass, Add	*71.49*	
08 53 13 00-0052		52" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0053	EA	24" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	319.74	55.29
		For Colored Vinyl, Add	*20.92*	
		For Tinted Glass, Add	*25.10*	
		For Low-E Insulated Glass, Add	*52.29*	
		For Obscure Glass, Add	*57.52*	
08 53 13 00-0054	EA	28" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	333.70	57.30
		For Colored Vinyl, Add	*21.91*	
		For Tinted Glass, Add	*26.29*	
		For Low-E Insulated Glass, Add	*54.77*	
		For Obscure Glass, Add	*60.25*	
08 53 13 00-0055	EA	30" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	341.44	58.31
		For Colored Vinyl, Add	*22.48*	
		For Tinted Glass, Add	*26.98*	
		For Low-E Insulated Glass, Add	*56.21*	
		For Obscure Glass, Add	*61.83*	
08 53 13 00-0056	EA	32" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	347.80	59.31
		For Colored Vinyl, Add	*22.92*	
		For Tinted Glass, Add	*27.50*	
		For Low-E Insulated Glass, Add	*57.29*	
		For Obscure Glass, Add	*63.02*	
08 53 13 00-0057	EA	36" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	365.90	61.33
		For Colored Vinyl, Add	*24.33*	
		For Tinted Glass, Add	*29.19*	
		For Low-E Insulated Glass, Add	*60.81*	
		For Obscure Glass, Add	*66.89*	
08 53 13 00-0058	EA	44" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	394.82	65.35
		For Colored Vinyl, Add	*26.41*	
		For Tinted Glass, Add	*31.70*	
		For Low-E Insulated Glass, Add	*66.03*	
		For Obscure Glass, Add	*72.64*	
08 53 13 00-0059		54" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0060	EA	24" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	325.10	56.30
		For Colored Vinyl, Add	*21.25*	
		For Tinted Glass, Add	*25.50*	
		For Low-E Insulated Glass, Add	*53.13*	
		For Obscure Glass, Add	*58.44*	
08 53 13 00-0061	EA	28" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	339.06	58.31
		For Colored Vinyl, Add	*22.25*	
		For Tinted Glass, Add	*26.69*	
		For Low-E Insulated Glass, Add	*55.61*	
		For Obscure Glass, Add	*61.17*	
08 53 13 00-0062	EA	30" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	347.04	59.31
		For Colored Vinyl, Add	*22.84*	
		For Tinted Glass, Add	*27.41*	
		For Low-E Insulated Glass, Add	*57.10*	
		For Obscure Glass, Add	*62.81*	
08 53 13 00-0063	EA	32" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	353.38	60.32
		For Colored Vinyl, Add	*23.28*	
		For Tinted Glass, Add	*27.93*	
		For Low-E Insulated Glass, Add	*58.19*	
		For Obscure Glass, Add	*64.01*	
08 53 13 00-0064	EA	36" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	371.71	62.33
		For Colored Vinyl, Add	*24.71*	
		For Tinted Glass, Add	*29.65*	
		For Low-E Insulated Glass, Add	*61.76*	
		For Obscure Glass, Add	*67.94*	
08 53 13 00-0065	EA	44" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	400.94	66.35
		For Colored Vinyl, Add	*26.82*	
		For Tinted Glass, Add	*32.19*	
		For Low-E Insulated Glass, Add	*67.06*	
		For Obscure Glass, Add	*73.77*	

08 53 13 00-0066 60" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0067	EA	24" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	341.64	59.31
		For Colored Vinyl, Add	*22.30*	
		For Tinted Glass, Add	*26.76*	
		For Low-E Insulated Glass, Add	*55.75*	
		For Obscure Glass, Add	*61.33*	
08 53 13 00-0068	EA	28" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	355.60	61.33
		For Colored Vinyl, Add	*23.30*	
		For Tinted Glass, Add	*27.95*	
		For Low-E Insulated Glass, Add	*58.24*	
		For Obscure Glass, Add	*64.06*	
08 53 13 00-0069	EA	30" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	364.24	62.33
		For Colored Vinyl, Add	*23.96*	
		For Tinted Glass, Add	*28.75*	
		For Low-E Insulated Glass, Add	*59.90*	
		For Obscure Glass, Add	*65.88*	
08 53 13 00-0070	EA	32" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	370.59	63.33
		For Colored Vinyl, Add	*24.39*	
		For Tinted Glass, Add	*29.27*	
		For Low-E Insulated Glass, Add	*60.98*	
		For Obscure Glass, Add	*67.08*	
08 53 13 00-0071	EA	36" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	389.64	65.35
		For Colored Vinyl, Add	*25.90*	
		For Tinted Glass, Add	*31.07*	
		For Low-E Insulated Glass, Add	*64.74*	
		For Obscure Glass, Add	*71.21*	
08 53 13 00-0072	EA	44" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	419.82	69.37
		For Colored Vinyl, Add	*28.11*	
		For Tinted Glass, Add	*33.73*	
		For Low-E Insulated Glass, Add	*70.27*	
		For Obscure Glass, Add	*77.30*	

08 53 13 00-0073 62" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0074	EA	24" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	347.00	60.32
		For Colored Vinyl, Add	*22.64*	
		For Tinted Glass, Add	*27.16*	
		For Low-E Insulated Glass, Add	*56.59*	
		For Obscure Glass, Add	*62.25*	
08 53 13 00-0075	EA	28" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	360.97	62.33
		For Colored Vinyl, Add	*23.63*	
		For Tinted Glass, Add	*28.36*	
		For Low-E Insulated Glass, Add	*59.08*	
		For Obscure Glass, Add	*64.99*	
08 53 13 00-0076	EA	30" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	369.89	63.33
		For Colored Vinyl, Add	*24.32*	
		For Tinted Glass, Add	*29.19*	
		For Low-E Insulated Glass, Add	*60.81*	
		For Obscure Glass, Add	*66.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0077	EA	32" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	376.24	64.34
		For Colored Vinyl, Add	*24.76*	
		For Tinted Glass, Add	*29.71*	
		For Low-E Insulated Glass, Add	*61.89*	
		For Obscure Glass, Add	*68.08*	
08 53 13 00-0078	EA	36" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	395.51	66.35
		For Colored Vinyl, Add	*26.28*	
		For Tinted Glass, Add	*31.54*	
		For Low-E Insulated Glass, Add	*65.70*	
		For Obscure Glass, Add	*72.27*	
08 53 13 00-0079	EA	44" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	426.04	70.37
		For Colored Vinyl, Add	*28.53*	
		For Tinted Glass, Add	*34.23*	
		For Low-E Insulated Glass, Add	*71.32*	
		For Obscure Glass, Add	*78.45*	

08 53 13 00-0080 66" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0081	EA	24" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	357.91	62.33
		For Colored Vinyl, Add	*23.33*	
		For Tinted Glass, Add	*27.99*	
		For Low-E Insulated Glass, Add	*58.31*	
		For Obscure Glass, Add	*64.14*	
08 53 13 00-0082	EA	28" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	371.87	64.34
		For Colored Vinyl, Add	*24.32*	
		For Tinted Glass, Add	*29.18*	
		For Low-E Insulated Glass, Add	*60.80*	
		For Obscure Glass, Add	*66.88*	
08 53 13 00-0083	EA	30" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	381.24	65.35
		For Colored Vinyl, Add	*25.06*	
		For Tinted Glass, Add	*30.07*	
		For Low-E Insulated Glass, Add	*62.64*	
		For Obscure Glass, Add	*68.90*	
08 53 13 00-0084	EA	32" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	387.59	66.35
		For Colored Vinyl, Add	*25.49*	
		For Tinted Glass, Add	*30.59*	
		For Low-E Insulated Glass, Add	*63.72*	
		For Obscure Glass, Add	*70.09*	
08 53 13 00-0085	EA	36" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	407.38	68.36
		For Colored Vinyl, Add	*27.07*	
		For Tinted Glass, Add	*32.48*	
		For Low-E Insulated Glass, Add	*67.66*	
		For Obscure Glass, Add	*74.43*	
08 53 13 00-0086	EA	44" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	438.49	72.38
		For Colored Vinyl, Add	*29.37*	
		For Tinted Glass, Add	*35.25*	
		For Low-E Insulated Glass, Add	*73.43*	
		For Obscure Glass, Add	*80.77*	

08 53 13 00-0087 72" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0088	EA	24" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	374.44	65.35
		For Colored Vinyl, Add	*24.38*	
		For Tinted Glass, Add	*29.25*	
		For Low-E Insulated Glass, Add	*60.94*	
		For Obscure Glass, Add	*67.03*	
08 53 13 00-0089	EA	28" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	388.40	67.36
		For Colored Vinyl, Add	*25.37*	
		For Tinted Glass, Add	*30.44*	
		For Low-E Insulated Glass, Add	*63.42*	
		For Obscure Glass, Add	*69.76*	
08 53 13 00-0090	EA	30" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	397.78	68.36
		For Colored Vinyl, Add	*26.11*	
		For Tinted Glass, Add	*31.33*	
		For Low-E Insulated Glass, Add	*65.26*	
		For Obscure Glass, Add	*71.79*	
08 53 13 00-0091	EA	32" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	404.12	69.37
		For Colored Vinyl, Add	*26.54*	
		For Tinted Glass, Add	*31.85*	
		For Low-E Insulated Glass, Add	*66.35*	
		For Obscure Glass, Add	*72.98*	
08 53 13 00-0092	EA	36" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	423.90	71.38
		For Colored Vinyl, Add	*28.12*	
		For Tinted Glass, Add	*33.74*	
		For Low-E Insulated Glass, Add	*70.29*	
		For Obscure Glass, Add	*77.32*	
08 53 13 00-0093	EA	44" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	455.00	75.40
		For Colored Vinyl, Add	*30.42*	
		For Tinted Glass, Add	*36.51*	
		For Low-E Insulated Glass, Add	*76.05*	
		For Obscure Glass, Add	*83.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0094		Replacement, Single Hung Vinyl Windows (Silver Line 2000) *(08 53 13 00-0001)*		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0095	EA	Up To 73" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	391.64	52.78
		For Colored Vinyl, Add	*28.61*	
		For Tinted Glass, Add	*34.33*	
		For Low-E Insulated Glass, Add	*71.52*	
		For Obscure Glass, Add	*78.67*	
08 53 13 00-0096	EA	>73" To 83" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	429.26	57.80
		For Colored Vinyl, Add	*31.37*	
		For Tinted Glass, Add	*37.64*	
		For Low-E Insulated Glass, Add	*78.41*	
		For Obscure Glass, Add	*86.25*	
08 53 13 00-0097	EA	>83" To 93" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	464.08	62.83
		For Colored Vinyl, Add	*33.84*	
		For Tinted Glass, Add	*40.61*	
		For Low-E Insulated Glass, Add	*84.61*	
		For Obscure Glass, Add	*93.07*	
08 53 13 00-0098	EA	>93" To 101" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	489.12	67.86
		For Colored Vinyl, Add	*35.34*	
		For Tinted Glass, Add	*42.41*	
		For Low-E Insulated Glass, Add	*88.35*	
		For Obscure Glass, Add	*97.19*	
08 53 13 00-0099	EA	>101" To 110" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	515.26	72.89
		For Colored Vinyl, Add	*36.95*	
		For Tinted Glass, Add	*44.34*	
		For Low-E Insulated Glass, Add	*92.37*	
		For Obscure Glass, Add	*101.61*	
08 53 13 00-0100	EA	>110" To 120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	558.90	77.92
		For Colored Vinyl, Add	*40.31*	
		For Tinted Glass, Add	*48.37*	
		For Low-E Insulated Glass, Add	*100.77*	
		For Obscure Glass, Add	*110.85*	
08 53 13 00-0101	UI	>120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	4.67	0.65
		For Colored Vinyl, Add	*0.34*	
		For Tinted Glass, Add	*0.40*	
		For Low-E Insulated Glass, Add	*0.84*	
		For Obscure Glass, Add	*0.92*	
08 53 13 00-0102		Double Hung Vinyl Windows *(08 53 13)*		
08 53 13 00-0103		New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0102)*		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0104		34" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0105	EA	24" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	378.45	46.24
		For Colored Vinyl, Add	*28.60*	
		For Tinted Glass, Add	*34.32*	
		For Low-E Insulated Glass, Add	*71.49*	
		For Obscure Glass, Add	*78.64*	
08 53 13 00-0106	EA	28" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	392.41	48.26
		For Colored Vinyl, Add	*29.59*	
		For Tinted Glass, Add	*35.51*	
		For Low-E Insulated Glass, Add	*73.98*	
		For Obscure Glass, Add	*81.37*	
08 53 13 00-0107	EA	30" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	399.18	49.26
		For Colored Vinyl, Add	*30.07*	
		For Tinted Glass, Add	*36.08*	
		For Low-E Insulated Glass, Add	*75.17*	
		For Obscure Glass, Add	*82.68*	
08 53 13 00-0108	EA	32" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	405.53	50.26
		For Colored Vinyl, Add	*30.50*	
		For Tinted Glass, Add	*36.60*	
		For Low-E Insulated Glass, Add	*76.25*	
		For Obscure Glass, Add	*83.88*	
08 53 13 00-0109	EA	36" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	420.77	52.28
		For Colored Vinyl, Add	*31.62*	
		For Tinted Glass, Add	*37.95*	
		For Low-E Insulated Glass, Add	*79.06*	
		For Obscure Glass, Add	*86.96*	
08 53 13 00-0110	EA	44" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	445.97	56.30
		For Colored Vinyl, Add	*33.34*	
		For Tinted Glass, Add	*40.01*	
		For Low-E Insulated Glass, Add	*83.35*	
		For Obscure Glass, Add	*91.68*	
08 53 13 00-0111		36" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0112	EA	24" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	383.96	47.25
		For Colored Vinyl, Add	*28.95*	
		For Tinted Glass, Add	*34.74*	
		For Low-E Insulated Glass, Add	*72.37*	
		For Obscure Glass, Add	*79.60*	
08 53 13 00-0113	EA	28" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	397.92	49.26
		For Colored Vinyl, Add	*29.94*	
		For Tinted Glass, Add	*35.93*	
		For Low-E Insulated Glass, Add	*74.85*	
		For Obscure Glass, Add	*82.34*	
08 53 13 00-0114	EA	30" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	404.69	50.26
		For Colored Vinyl, Add	*30.42*	
		For Tinted Glass, Add	*36.50*	
		For Low-E Insulated Glass, Add	*76.04*	
		For Obscure Glass, Add	*83.64*	
08 53 13 00-0115	EA	32" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	411.04	51.27
		For Colored Vinyl, Add	*30.85*	
		For Tinted Glass, Add	*37.02*	
		For Low-E Insulated Glass, Add	*77.13*	
		For Obscure Glass, Add	*84.84*	
08 53 13 00-0116	EA	36" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	426.29	53.28
		For Colored Vinyl, Add	*31.97*	
		For Tinted Glass, Add	*38.37*	
		For Low-E Insulated Glass, Add	*79.93*	
		For Obscure Glass, Add	*87.92*	
08 53 13 00-0117	EA	44" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	451.49	57.30
		For Colored Vinyl, Add	*33.69*	
		For Tinted Glass, Add	*40.43*	
		For Low-E Insulated Glass, Add	*84.22*	
		For Obscure Glass, Add	*92.64*	
08 53 13 00-0118		38" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0119	EA	24" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	388.97	48.26
		For Colored Vinyl, Add	*29.25*	
		For Tinted Glass, Add	*35.10*	
		For Low-E Insulated Glass, Add	*73.12*	
		For Obscure Glass, Add	*80.43*	
08 53 13 00-0120	EA	28" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	402.92	50.26
		For Colored Vinyl, Add	*30.24*	
		For Tinted Glass, Add	*36.29*	
		For Low-E Insulated Glass, Add	*75.60*	
		For Obscure Glass, Add	*83.16*	
08 53 13 00-0121	EA	30" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	409.89	51.27
		For Colored Vinyl, Add	*30.74*	
		For Tinted Glass, Add	*36.88*	
		For Low-E Insulated Glass, Add	*76.84*	
		For Obscure Glass, Add	*84.52*	
08 53 13 00-0122	EA	32" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	416.24	52.28
		For Colored Vinyl, Add	*31.17*	
		For Tinted Glass, Add	*37.40*	
		For Low-E Insulated Glass, Add	*77.92*	
		For Obscure Glass, Add	*85.71*	
08 53 13 00-0123	EA	36" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	431.76	54.29
		For Colored Vinyl, Add	*32.32*	
		For Tinted Glass, Add	*38.78*	
		For Low-E Insulated Glass, Add	*80.80*	
		For Obscure Glass, Add	*88.88*	
08 53 13 00-0124	EA	44" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	457.24	58.31
		For Colored Vinyl, Add	*34.06*	
		For Tinted Glass, Add	*40.88*	
		For Low-E Insulated Glass, Add	*85.16*	
		For Obscure Glass, Add	*93.67*	
08 53 13 00-0125		44" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0126	EA	24" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	405.89	51.27
		For Colored Vinyl, Add	*30.34*	
		For Tinted Glass, Add	*36.40*	
		For Low-E Insulated Glass, Add	*75.84*	
		For Obscure Glass, Add	*83.42*	
08 53 13 00-0127	EA	28" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	419.85	53.28
		For Colored Vinyl, Add	*31.33*	
		For Tinted Glass, Add	*37.59*	
		For Low-E Insulated Glass, Add	*78.32*	
		For Obscure Glass, Add	*86.15*	
08 53 13 00-0128	EA	30" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	425.66	54.29
		For Colored Vinyl, Add	*31.71*	
		For Tinted Glass, Add	*38.05*	
		For Low-E Insulated Glass, Add	*79.27*	
		For Obscure Glass, Add	*87.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0129	EA	32" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	432.02	55.29
		For Colored Vinyl, Add	*32.14*	
		For Tinted Glass, Add	*38.57*	
		For Low-E Insulated Glass, Add	*80.36*	
		For Obscure Glass, Add	*88.39*	
08 53 13 00-0130	EA	36" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	448.16	57.30
		For Colored Vinyl, Add	*33.36*	
		For Tinted Glass, Add	*40.03*	
		For Low-E Insulated Glass, Add	*83.39*	
		For Obscure Glass, Add	*91.73*	
08 53 13 00-0131	EA	44" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	475.04	61.33
		For Colored Vinyl, Add	*35.24*	
		For Tinted Glass, Add	*42.29*	
		For Low-E Insulated Glass, Add	*88.10*	
		For Obscure Glass, Add	*96.91*	

08 53 13 00-0132 46" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0133	EA	24" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	410.86	52.28
		For Colored Vinyl, Add	*30.63*	
		For Tinted Glass, Add	*36.76*	
		For Low-E Insulated Glass, Add	*76.58*	
		For Obscure Glass, Add	*84.24*	
08 53 13 00-0134	EA	28" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	424.82	54.29
		For Colored Vinyl, Add	*31.63*	
		For Tinted Glass, Add	*37.95*	
		For Low-E Insulated Glass, Add	*79.06*	
		For Obscure Glass, Add	*86.97*	
08 53 13 00-0135	EA	30" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	430.95	55.29
		For Colored Vinyl, Add	*32.04*	
		For Tinted Glass, Add	*38.44*	
		For Low-E Insulated Glass, Add	*80.09*	
		For Obscure Glass, Add	*88.10*	
08 53 13 00-0136	EA	32" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	437.29	56.30
		For Colored Vinyl, Add	*32.47*	
		For Tinted Glass, Add	*38.96*	
		For Low-E Insulated Glass, Add	*81.18*	
		For Obscure Glass, Add	*89.29*	
08 53 13 00-0137	EA	36" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	453.63	58.31
		For Colored Vinyl, Add	*33.70*	
		For Tinted Glass, Add	*40.44*	
		For Low-E Insulated Glass, Add	*84.26*	
		For Obscure Glass, Add	*92.68*	
08 53 13 00-0138	EA	44" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	481.36	62.33
		For Colored Vinyl, Add	*35.67*	
		For Tinted Glass, Add	*42.80*	
		For Low-E Insulated Glass, Add	*89.18*	
		For Obscure Glass, Add	*98.09*	

08 53 13 00-0139 48" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0140	EA	24" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	415.91	53.28
		For Colored Vinyl, Add	*30.93*	
		For Tinted Glass, Add	*37.12*	
		For Low-E Insulated Glass, Add	*77.34*	
		For Obscure Glass, Add	*85.07*	
08 53 13 00-0141	EA	28" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	429.86	55.29
		For Colored Vinyl, Add	*31.93*	
		For Tinted Glass, Add	*38.31*	
		For Low-E Insulated Glass, Add	*79.82*	
		For Obscure Glass, Add	*87.80*	
08 53 13 00-0142	EA	30" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	436.15	56.30
		For Colored Vinyl, Add	*32.36*	
		For Tinted Glass, Add	*38.83*	
		For Low-E Insulated Glass, Add	*80.89*	
		For Obscure Glass, Add	*88.98*	
08 53 13 00-0143	EA	32" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	442.50	57.30
		For Colored Vinyl, Add	*32.79*	
		For Tinted Glass, Add	*39.35*	
		For Low-E Insulated Glass, Add	*81.97*	
		For Obscure Glass, Add	*90.17*	
08 53 13 00-0144	EA	36" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	459.12	59.31
		For Colored Vinyl, Add	*34.05*	
		For Tinted Glass, Add	*40.86*	
		For Low-E Insulated Glass, Add	*85.12*	
		For Obscure Glass, Add	*93.63*	
08 53 13 00-0145	EA	44" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	487.57	63.33
		For Colored Vinyl, Add	*36.09*	
		For Tinted Glass, Add	*43.31*	
		For Low-E Insulated Glass, Add	*90.23*	
		For Obscure Glass, Add	*99.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0146		50" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0147	EA	24" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	420.87	54.29
		For Colored Vinyl, Add	*31.23*	
		For Tinted Glass, Add	*37.48*	
		For Low-E Insulated Glass, Add	*78.08*	
		For Obscure Glass, Add	*85.88*	
08 53 13 00-0148	EA	28" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	434.83	56.30
		For Colored Vinyl, Add	*32.22*	
		For Tinted Glass, Add	*38.67*	
		For Low-E Insulated Glass, Add	*80.56*	
		For Obscure Glass, Add	*88.62*	
08 53 13 00-0149	EA	30" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	441.41	57.30
		For Colored Vinyl, Add	*32.68*	
		For Tinted Glass, Add	*39.22*	
		For Low-E Insulated Glass, Add	*81.70*	
		For Obscure Glass, Add	*89.87*	
08 53 13 00-0150	EA	32" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	447.75	58.31
		For Colored Vinyl, Add	*33.11*	
		For Tinted Glass, Add	*39.74*	
		For Low-E Insulated Glass, Add	*82.79*	
		For Obscure Glass, Add	*91.06*	
08 53 13 00-0151	EA	36" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	464.59	60.32
		For Colored Vinyl, Add	*34.40*	
		For Tinted Glass, Add	*41.28*	
		For Low-E Insulated Glass, Add	*85.99*	
		For Obscure Glass, Add	*94.59*	
08 53 13 00-0152	EA	44" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	493.86	64.34
		For Colored Vinyl, Add	*36.52*	
		For Tinted Glass, Add	*43.82*	
		For Low-E Insulated Glass, Add	*91.30*	
		For Obscure Glass, Add	*100.42*	
08 53 13 00-0153		52" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0154	EA	24" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	425.89	55.29
		For Colored Vinyl, Add	*31.53*	
		For Tinted Glass, Add	*37.84*	
		For Low-E Insulated Glass, Add	*78.83*	
		For Obscure Glass, Add	*86.71*	
08 53 13 00-0155	EA	28" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	439.85	57.30
		For Colored Vinyl, Add	*32.52*	
		For Tinted Glass, Add	*39.03*	
		For Low-E Insulated Glass, Add	*81.31*	
		For Obscure Glass, Add	*89.44*	
08 53 13 00-0156	EA	30" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	446.60	58.31
		For Colored Vinyl, Add	*33.00*	
		For Tinted Glass, Add	*39.60*	
		For Low-E Insulated Glass, Add	*82.50*	
		For Obscure Glass, Add	*90.75*	
08 53 13 00-0157	EA	32" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	452.96	59.31
		For Colored Vinyl, Add	*33.43*	
		For Tinted Glass, Add	*40.12*	
		For Low-E Insulated Glass, Add	*83.58*	
		For Obscure Glass, Add	*91.94*	
08 53 13 00-0158	EA	36" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	470.56	61.33
		For Colored Vinyl, Add	*34.79*	
		For Tinted Glass, Add	*41.75*	
		For Low-E Insulated Glass, Add	*86.98*	
		For Obscure Glass, Add	*95.68*	
08 53 13 00-0159	EA	44" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	500.04	65.35
		For Colored Vinyl, Add	*36.94*	
		For Tinted Glass, Add	*44.32*	
		For Low-E Insulated Glass, Add	*92.34*	
		For Obscure Glass, Add	*101.57*	
08 53 13 00-0160		54" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0161	EA	24" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	430.91	56.30
		For Colored Vinyl, Add	*31.83*	
		For Tinted Glass, Add	*38.20*	
		For Low-E Insulated Glass, Add	*79.58*	
		For Obscure Glass, Add	*87.54*	
08 53 13 00-0162	EA	28" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	444.87	58.31
		For Colored Vinyl, Add	*32.83*	
		For Tinted Glass, Add	*39.39*	
		For Low-E Insulated Glass, Add	*82.07*	
		For Obscure Glass, Add	*90.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0163	EA	30" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	451.90	59.31
		For Colored Vinyl, Add	*33.33*	
		For Tinted Glass, Add	*39.99*	
		For Low-E Insulated Glass, Add	*83.32*	
		For Obscure Glass, Add	*91.65*	
08 53 13 00-0164	EA	32" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	458.24	60.32
		For Colored Vinyl, Add	*33.76*	
		For Tinted Glass, Add	*40.51*	
		For Low-E Insulated Glass, Add	*84.40*	
		For Obscure Glass, Add	*92.84*	
08 53 13 00-0165	EA	36" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	476.52	62.33
		For Colored Vinyl, Add	*35.19*	
		For Tinted Glass, Add	*42.22*	
		For Low-E Insulated Glass, Add	*87.97*	
		For Obscure Glass, Add	*96.76*	
08 53 13 00-0166	EA	44" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	506.25	66.35
		For Colored Vinyl, Add	*37.36*	
		For Tinted Glass, Add	*44.83*	
		For Low-E Insulated Glass, Add	*93.39*	
		For Obscure Glass, Add	*102.73*	
08 53 13 00-0167		60" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0168	EA	24" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	445.99	59.31
		For Colored Vinyl, Add	*32.74*	
		For Tinted Glass, Add	*39.28*	
		For Low-E Insulated Glass, Add	*81.84*	
		For Obscure Glass, Add	*90.02*	
08 53 13 00-0169	EA	28" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	459.95	61.33
		For Colored Vinyl, Add	*33.73*	
		For Tinted Glass, Add	*40.48*	
		For Low-E Insulated Glass, Add	*84.33*	
		For Obscure Glass, Add	*92.76*	
08 53 13 00-0170	EA	30" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	468.62	62.33
		For Colored Vinyl, Add	*34.40*	
		For Tinted Glass, Add	*41.28*	
		For Low-E Insulated Glass, Add	*85.99*	
		For Obscure Glass, Add	*94.59*	
08 53 13 00-0171	EA	32" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	474.97	63.33
		For Colored Vinyl, Add	*34.83*	
		For Tinted Glass, Add	*41.80*	
		For Low-E Insulated Glass, Add	*87.08*	
		For Obscure Glass, Add	*95.78*	
08 53 13 00-0172	EA	36" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	494.30	65.35
		For Colored Vinyl, Add	*36.36*	
		For Tinted Glass, Add	*43.63*	
		For Low-E Insulated Glass, Add	*90.90*	
		For Obscure Glass, Add	*99.99*	
08 53 13 00-0173	EA	44" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	524.93	69.37
		For Colored Vinyl, Add	*38.62*	
		For Tinted Glass, Add	*46.34*	
		For Low-E Insulated Glass, Add	*96.55*	
		For Obscure Glass, Add	*106.21*	
08 53 13 00-0174		62" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0175	EA	24" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	450.99	60.32
		For Colored Vinyl, Add	*33.04*	
		For Tinted Glass, Add	*39.64*	
		For Low-E Insulated Glass, Add	*82.59*	
		For Obscure Glass, Add	*90.85*	
08 53 13 00-0176	EA	28" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	464.96	62.33
		For Colored Vinyl, Add	*34.03*	
		For Tinted Glass, Add	*40.84*	
		For Low-E Insulated Glass, Add	*85.08*	
		For Obscure Glass, Add	*93.58*	
08 53 13 00-0177	EA	30" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	474.30	63.33
		For Colored Vinyl, Add	*34.76*	
		For Tinted Glass, Add	*41.72*	
		For Low-E Insulated Glass, Add	*86.91*	
		For Obscure Glass, Add	*95.60*	
08 53 13 00-0178	EA	32" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	480.65	64.34
		For Colored Vinyl, Add	*35.20*	
		For Tinted Glass, Add	*42.24*	
		For Low-E Insulated Glass, Add	*87.99*	
		For Obscure Glass, Add	*96.79*	
08 53 13 00-0179	EA	36" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	500.20	66.35
		For Colored Vinyl, Add	*36.75*	
		For Tinted Glass, Add	*44.10*	
		For Low-E Insulated Glass, Add	*91.88*	
		For Obscure Glass, Add	*101.06*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0180	EA	44" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	531.71	70.37
		For Colored Vinyl, Add	*39.10*	
		For Tinted Glass, Add	*46.92*	
		For Low-E Insulated Glass, Add	*97.74*	
		For Obscure Glass, Add	*107.51*	
08 53 13 00-0181		66" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0182	EA	24" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	462.02	62.33
		For Colored Vinyl, Add	*33.74*	
		For Tinted Glass, Add	*40.48*	
		For Low-E Insulated Glass, Add	*84.34*	
		For Obscure Glass, Add	*92.77*	
08 53 13 00-0183	EA	28" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	475.97	64.34
		For Colored Vinyl, Add	*34.73*	
		For Tinted Glass, Add	*41.67*	
		For Low-E Insulated Glass, Add	*86.82*	
		For Obscure Glass, Add	*95.50*	
08 53 13 00-0184	EA	30" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	485.68	65.35
		For Colored Vinyl, Add	*35.50*	
		For Tinted Glass, Add	*42.60*	
		For Low-E Insulated Glass, Add	*88.75*	
		For Obscure Glass, Add	*97.62*	
08 53 13 00-0185	EA	32" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	492.03	66.35
		For Colored Vinyl, Add	*35.93*	
		For Tinted Glass, Add	*43.12*	
		For Low-E Insulated Glass, Add	*89.83*	
		For Obscure Glass, Add	*98.82*	
08 53 13 00-0186	EA	36" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	512.13	68.36
		For Colored Vinyl, Add	*37.54*	
		For Tinted Glass, Add	*45.05*	
		For Low-E Insulated Glass, Add	*93.85*	
		For Obscure Glass, Add	*103.24*	
08 53 13 00-0187	EA	44" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	544.80	72.38
		For Colored Vinyl, Add	*40.00*	
		For Tinted Glass, Add	*48.00*	
		For Low-E Insulated Glass, Add	*100.01*	
		For Obscure Glass, Add	*110.01*	
08 53 13 00-0188		72" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0189	EA	24" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	478.54	65.35
		For Colored Vinyl, Add	*34.79*	
		For Tinted Glass, Add	*41.74*	
		For Low-E Insulated Glass, Add	*86.96*	
		For Obscure Glass, Add	*95.66*	
08 53 13 00-0190	EA	28" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	492.50	67.36
		For Colored Vinyl, Add	*35.78*	
		For Tinted Glass, Add	*42.93*	
		For Low-E Insulated Glass, Add	*89.45*	
		For Obscure Glass, Add	*98.39*	
08 53 13 00-0191	EA	30" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	502.22	68.36
		For Colored Vinyl, Add	*36.55*	
		For Tinted Glass, Add	*43.86*	
		For Low-E Insulated Glass, Add	*91.37*	
		For Obscure Glass, Add	*100.51*	
08 53 13 00-0192	EA	32" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	508.56	69.37
		For Colored Vinyl, Add	*36.98*	
		For Tinted Glass, Add	*44.38*	
		For Low-E Insulated Glass, Add	*92.46*	
		For Obscure Glass, Add	*101.70*	
08 53 13 00-0193	EA	36" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	528.64	71.38
		For Colored Vinyl, Add	*38.59*	
		For Tinted Glass, Add	*46.31*	
		For Low-E Insulated Glass, Add	*96.47*	
		For Obscure Glass, Add	*106.12*	
08 53 13 00-0194	EA	44" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	561.32	75.40
		For Colored Vinyl, Add	*41.05*	
		For Tinted Glass, Add	*49.26*	
		For Low-E Insulated Glass, Add	*102.63*	
		For Obscure Glass, Add	*112.90*	
08 53 13 00-0195		Replacement, Double Hung Vinyl Windows (Silver Line 8500) *(08 53 13 00-0102)* Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0196	EA	Up To 73" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	463.15	52.78
		For Colored Vinyl, Add	*35.76*	
		For Tinted Glass, Add	*42.91*	
		For Low-E Insulated Glass, Add	*89.40*	
		For Obscure Glass, Add	*98.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0197	EA	>73" To 83" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	510.57	57.80
		For Colored Vinyl, Add	*39.50*	
		For Tinted Glass, Add	*47.40*	
		For Low-E Insulated Glass, Add	*98.74*	
		For Obscure Glass, Add	*108.61*	
08 53 13 00-0198	EA	>83" To 93" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	555.19	62.83
		For Colored Vinyl, Add	*42.95*	
		For Tinted Glass, Add	*51.54*	
		For Low-E Insulated Glass, Add	*107.38*	
		For Obscure Glass, Add	*118.12*	
08 53 13 00-0199	EA	>93" To 101" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	588.07	67.86
		For Colored Vinyl, Add	*45.24*	
		For Tinted Glass, Add	*54.28*	
		For Low-E Insulated Glass, Add	*113.09*	
		For Obscure Glass, Add	*124.40*	
08 53 13 00-0200	EA	>101" To 110" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	623.03	72.89
		For Colored Vinyl, Add	*47.73*	
		For Tinted Glass, Add	*57.27*	
		For Low-E Insulated Glass, Add	*119.32*	
		For Obscure Glass, Add	*131.25*	
08 53 13 00-0201	EA	>110" To 120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	676.47	77.92
		For Colored Vinyl, Add	*52.07*	
		For Tinted Glass, Add	*62.48*	
		For Low-E Insulated Glass, Add	*130.16*	
		For Obscure Glass, Add	*143.18*	
08 53 13 00-0202	UI	>120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	5.65	0.65
		For Colored Vinyl, Add	*0.43*	
		For Tinted Glass, Add	*0.52*	
		For Low-E Insulated Glass, Add	*1.09*	
		For Obscure Glass, Add	*1.19*	

08 53 13 00-0203 Casement Vinyl Windows *(08 53 13)*

08 53 13 00-0204 New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0203)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0205 One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

08 53 13 00-0206 24" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0207	EA	17" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	344.85	38.20
		For Colored Vinyl, Add	*26.95*	
		For Tinted Glass, Add	*32.33*	
		For Low-E Insulated Glass, Add	*67.36*	
		For Obscure Glass, Add	*74.10*	
08 53 13 00-0208	EA	20" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	356.96	39.21
		For Colored Vinyl, Add	*27.86*	
		For Tinted Glass, Add	*33.43*	
		For Low-E Insulated Glass, Add	*69.64*	
		For Obscure Glass, Add	*76.60*	
08 53 13 00-0209	EA	24" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	370.08	41.22
		For Colored Vinyl, Add	*28.76*	
		For Tinted Glass, Add	*34.52*	
		For Low-E Insulated Glass, Add	*71.91*	
		For Obscure Glass, Add	*79.10*	
08 53 13 00-0210	EA	28" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	393.22	43.23
		For Colored Vinyl, Add	*30.68*	
		For Tinted Glass, Add	*36.81*	
		For Low-E Insulated Glass, Add	*76.69*	
		For Obscure Glass, Add	*84.36*	

08 53 13 00-0211 28" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0212	EA	17" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	365.80	40.21
		For Colored Vinyl, Add	*28.64*	
		For Tinted Glass, Add	*34.37*	
		For Low-E Insulated Glass, Add	*71.60*	
		For Obscure Glass, Add	*78.75*	
08 53 13 00-0213	EA	20" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	378.96	41.22
		For Colored Vinyl, Add	*29.65*	
		For Tinted Glass, Add	*35.58*	
		For Low-E Insulated Glass, Add	*74.13*	
		For Obscure Glass, Add	*81.54*	
08 53 13 00-0214	EA	24" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	393.08	43.23
		For Colored Vinyl, Add	*30.66*	
		For Tinted Glass, Add	*36.79*	
		For Low-E Insulated Glass, Add	*76.66*	
		For Obscure Glass, Add	*84.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0215	EA	28" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	417.45	45.24
		For Colored Vinyl, Add	*32.70*	
		For Tinted Glass, Add	*39.24*	
		For Low-E Insulated Glass, Add	*81.74*	
		For Obscure Glass, Add	*89.92*	
08 53 13 00-0216		36" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0217	EA	17" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	391.04	43.23
		For Colored Vinyl, Add	*30.46*	
		For Tinted Glass, Add	*36.55*	
		For Low-E Insulated Glass, Add	*76.15*	
		For Obscure Glass, Add	*83.76*	
08 53 13 00-0218	EA	20" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	404.68	45.24
		For Colored Vinyl, Add	*31.52*	
		For Tinted Glass, Add	*37.83*	
		For Low-E Insulated Glass, Add	*78.80*	
		For Obscure Glass, Add	*86.68*	
08 53 13 00-0219	EA	24" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	419.38	46.75
		For Colored Vinyl, Add	*32.59*	
		For Tinted Glass, Add	*39.11*	
		For Low-E Insulated Glass, Add	*81.47*	
		For Obscure Glass, Add	*89.62*	
08 53 13 00-0220	EA	28" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	444.73	48.75
		For Colored Vinyl, Add	*34.72*	
		For Tinted Glass, Add	*41.67*	
		For Low-E Insulated Glass, Add	*86.80*	
		For Obscure Glass, Add	*95.48*	
08 53 13 00-0221		40" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0222	EA	17" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	413.61	46.24
		For Colored Vinyl, Add	*32.21*	
		For Tinted Glass, Add	*38.66*	
		For Low-E Insulated Glass, Add	*80.53*	
		For Obscure Glass, Add	*88.59*	
08 53 13 00-0223	EA	20" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	427.99	47.25
		For Colored Vinyl, Add	*33.35*	
		For Tinted Glass, Add	*40.02*	
		For Low-E Insulated Glass, Add	*83.37*	
		For Obscure Glass, Add	*91.71*	
08 53 13 00-0224	EA	24" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	443.38	49.26
		For Colored Vinyl, Add	*34.49*	
		For Tinted Glass, Add	*41.38*	
		For Low-E Insulated Glass, Add	*86.22*	
		For Obscure Glass, Add	*94.84*	
08 53 13 00-0225	EA	28" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	470.74	51.27
		For Colored Vinyl, Add	*36.82*	
		For Tinted Glass, Add	*44.18*	
		For Low-E Insulated Glass, Add	*92.05*	
		For Obscure Glass, Add	*101.26*	
08 53 13 00-0226		48" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0227	EA	17" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	439.37	50.26
		For Colored Vinyl, Add	*33.99*	
		For Tinted Glass, Add	*40.78*	
		For Low-E Insulated Glass, Add	*84.96*	
		For Obscure Glass, Add	*93.46*	
08 53 13 00-0228	EA	20" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	454.37	51.27
		For Colored Vinyl, Add	*35.18*	
		For Tinted Glass, Add	*42.22*	
		For Low-E Insulated Glass, Add	*87.96*	
		For Obscure Glass, Add	*96.75*	
08 53 13 00-0229	EA	24" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	470.41	53.28
		For Colored Vinyl, Add	*36.38*	
		For Tinted Glass, Add	*43.66*	
		For Low-E Insulated Glass, Add	*90.96*	
		For Obscure Glass, Add	*100.06*	
08 53 13 00-0230	EA	28" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	500.43	55.29
		For Colored Vinyl, Add	*38.98*	
		For Tinted Glass, Add	*46.78*	
		For Low-E Insulated Glass, Add	*97.46*	
		For Obscure Glass, Add	*107.21*	
08 53 13 00-0231		52" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0232	EA	17" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	461.03	52.28
		For Colored Vinyl, Add	*35.75*	
		For Tinted Glass, Add	*42.90*	
		For Low-E Insulated Glass, Add	*89.37*	
		For Obscure Glass, Add	*98.31*	
08 53 13 00-0233	EA	20" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	476.87	53.28
		For Colored Vinyl, Add	*37.03*	
		For Tinted Glass, Add	*44.44*	
		For Low-E Insulated Glass, Add	*92.58*	
		For Obscure Glass, Add	*101.83*	
08 53 13 00-0234	EA	24" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	493.68	55.29
		For Colored Vinyl, Add	*38.31*	
		For Tinted Glass, Add	*45.97*	
		For Low-E Insulated Glass, Add	*95.77*	
		For Obscure Glass, Add	*105.35*	
08 53 13 00-0235	EA	28" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	524.21	57.30
		For Colored Vinyl, Add	*40.96*	
		For Tinted Glass, Add	*49.15*	
		For Low-E Insulated Glass, Add	*102.40*	
		For Obscure Glass, Add	*112.64*	
08 53 13 00-0236		60" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0237	EA	17" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	485.71	55.29
		For Colored Vinyl, Add	*37.51*	
		For Tinted Glass, Add	*45.01*	
		For Low-E Insulated Glass, Add	*93.78*	
		For Obscure Glass, Add	*103.16*	
08 53 13 00-0238	EA	20" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	502.35	57.30
		For Colored Vinyl, Add	*38.88*	
		For Tinted Glass, Add	*46.65*	
		For Low-E Insulated Glass, Add	*97.19*	
		For Obscure Glass, Add	*106.91*	
08 53 13 00-0239	EA	24" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	520.00	58.81
		For Colored Vinyl, Add	*40.24*	
		For Tinted Glass, Add	*48.29*	
		For Low-E Insulated Glass, Add	*100.60*	
		For Obscure Glass, Add	*110.65*	
08 53 13 00-0240	EA	28" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	551.00	60.83
		For Colored Vinyl, Add	*42.94*	
		For Tinted Glass, Add	*51.52*	
		For Low-E Insulated Glass, Add	*107.34*	
		For Obscure Glass, Add	*118.07*	
08 53 13 00-0241		64" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0242	EA	17" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	507.94	58.31
		For Colored Vinyl, Add	*39.23*	
		For Tinted Glass, Add	*47.08*	
		For Low-E Insulated Glass, Add	*98.08*	
		For Obscure Glass, Add	*107.89*	
08 53 13 00-0243	EA	20" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	525.01	59.31
		For Colored Vinyl, Add	*40.64*	
		For Tinted Glass, Add	*48.77*	
		For Low-E Insulated Glass, Add	*101.60*	
		For Obscure Glass, Add	*111.75*	
08 53 13 00-0244	EA	24" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	543.79	61.33
		For Colored Vinyl, Add	*42.11*	
		For Tinted Glass, Add	*50.54*	
		For Low-E Insulated Glass, Add	*105.29*	
		For Obscure Glass, Add	*115.81*	
08 53 13 00-0245	EA	28" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	574.09	63.33
		For Colored Vinyl, Add	*44.74*	
		For Tinted Glass, Add	*53.69*	
		For Low-E Insulated Glass, Add	*111.86*	
		For Obscure Glass, Add	*123.04*	
08 53 13 00-0246		72" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0247	EA	17" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	535.33	61.33
		For Colored Vinyl, Add	*41.27*	
		For Tinted Glass, Add	*49.52*	
		For Low-E Insulated Glass, Add	*103.17*	
		For Obscure Glass, Add	*113.49*	
08 53 13 00-0248	EA	20" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	553.26	63.33
		For Colored Vinyl, Add	*42.76*	
		For Tinted Glass, Add	*51.31*	
		For Low-E Insulated Glass, Add	*106.90*	
		For Obscure Glass, Add	*117.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0249	EA	24" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	571.25	64.85
		For Colored Vinyl, Add	*44.16*	
		For Tinted Glass, Add	*52.99*	
		For Low-E Insulated Glass, Add	*110.39*	
		For Obscure Glass, Add	*121.43*	
08 53 13 00-0250	EA	28" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	601.19	66.85
		For Colored Vinyl, Add	*46.75*	
		For Tinted Glass, Add	*56.10*	
		For Low-E Insulated Glass, Add	*116.87*	
		For Obscure Glass, Add	*128.56*	
08 53 13 00-0251		Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*		
08 53 13 00-0252		36" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0253	EA	33" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	687.54	51.27
		For Colored Vinyl, Add	*58.50*	
		For Tinted Glass, Add	*70.20*	
		For Low-E Insulated Glass, Add	*146.25*	
		For Obscure Glass, Add	*160.88*	
08 53 13 00-0254	EA	40" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	712.94	55.29
		For Colored Vinyl, Add	*60.34*	
		For Tinted Glass, Add	*72.40*	
		For Low-E Insulated Glass, Add	*150.84*	
		For Obscure Glass, Add	*165.92*	
08 53 13 00-0255	EA	48" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	739.37	59.31
		For Colored Vinyl, Add	*62.18*	
		For Tinted Glass, Add	*74.61*	
		For Low-E Insulated Glass, Add	*155.44*	
		For Obscure Glass, Add	*170.98*	
08 53 13 00-0256	EA	56" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	769.22	62.83
		For Colored Vinyl, Add	*64.36*	
		For Tinted Glass, Add	*77.23*	
		For Low-E Insulated Glass, Add	*160.89*	
		For Obscure Glass, Add	*176.98*	
08 53 13 00-0257		40" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0258	EA	33" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	727.95	53.78
		For Colored Vinyl, Add	*62.04*	
		For Tinted Glass, Add	*74.45*	
		For Low-E Insulated Glass, Add	*155.10*	
		For Obscure Glass, Add	*170.60*	
08 53 13 00-0259	EA	40" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	754.86	57.30
		For Colored Vinyl, Add	*64.03*	
		For Tinted Glass, Add	*76.83*	
		For Low-E Insulated Glass, Add	*160.06*	
		For Obscure Glass, Add	*176.07*	
08 53 13 00-0260	EA	48" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	782.81	61.33
		For Colored Vinyl, Add	*66.02*	
		For Tinted Glass, Add	*79.22*	
		For Low-E Insulated Glass, Add	*165.04*	
		For Obscure Glass, Add	*181.54*	
08 53 13 00-0261	EA	56" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	811.73	65.35
		For Colored Vinyl, Add	*68.10*	
		For Tinted Glass, Add	*81.72*	
		For Low-E Insulated Glass, Add	*170.26*	
		For Obscure Glass, Add	*187.29*	
08 53 13 00-0262		48" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0263	EA	33" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	772.07	57.80
		For Colored Vinyl, Add	*65.65*	
		For Tinted Glass, Add	*78.78*	
		For Low-E Insulated Glass, Add	*164.12*	
		For Obscure Glass, Add	*180.53*	
08 53 13 00-0264	EA	40" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	800.08	61.33
		For Colored Vinyl, Add	*67.74*	
		For Tinted Glass, Add	*81.29*	
		For Low-E Insulated Glass, Add	*169.36*	
		For Obscure Glass, Add	*186.29*	
08 53 13 00-0265	EA	48" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	829.11	65.35
		For Colored Vinyl, Add	*69.84*	
		For Tinted Glass, Add	*83.81*	
		For Low-E Insulated Glass, Add	*174.61*	
		For Obscure Glass, Add	*192.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0266	EA	56" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	860.58	69.37
		For Colored Vinyl, Add	*72.19*	
		For Tinted Glass, Add	*86.62*	
		For Low-E Insulated Glass, Add	*180.46*	
		For Obscure Glass, Add	*198.51*	
08 53 13 00-0267		52" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0268	EA	33" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	812.09	59.82
		For Colored Vinyl, Add	*69.25*	
		For Tinted Glass, Add	*83.10*	
		For Low-E Insulated Glass, Add	*173.12*	
		For Obscure Glass, Add	*190.43*	
08 53 13 00-0269	EA	40" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	841.55	63.33
		For Colored Vinyl, Add	*71.49*	
		For Tinted Glass, Add	*85.79*	
		For Low-E Insulated Glass, Add	*178.72*	
		For Obscure Glass, Add	*196.59*	
08 53 13 00-0270	EA	48" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	872.01	67.36
		For Colored Vinyl, Add	*73.73*	
		For Tinted Glass, Add	*88.48*	
		For Low-E Insulated Glass, Add	*184.33*	
		For Obscure Glass, Add	*202.76*	
08 53 13 00-0271	EA	56" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	903.98	71.38
		For Colored Vinyl, Add	*76.12*	
		For Tinted Glass, Add	*91.35*	
		For Low-E Insulated Glass, Add	*190.31*	
		For Obscure Glass, Add	*209.34*	
08 53 13 00-0272		60" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0273	EA	33" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	855.13	63.33
		For Colored Vinyl, Add	*72.85*	
		For Tinted Glass, Add	*87.42*	
		For Low-E Insulated Glass, Add	*182.12*	
		For Obscure Glass, Add	*200.33*	
08 53 13 00-0274	EA	40" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	886.03	67.36
		For Colored Vinyl, Add	*75.23*	
		For Tinted Glass, Add	*90.28*	
		For Low-E Insulated Glass, Add	*188.08*	
		For Obscure Glass, Add	*206.89*	
08 53 13 00-0275	EA	48" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	917.92	71.38
		For Colored Vinyl, Add	*77.62*	
		For Tinted Glass, Add	*93.14*	
		For Low-E Insulated Glass, Add	*194.05*	
		For Obscure Glass, Add	*213.45*	
08 53 13 00-0276	EA	56" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	950.39	74.89
		For Colored Vinyl, Add	*80.06*	
		For Tinted Glass, Add	*96.07*	
		For Low-E Insulated Glass, Add	*200.15*	
		For Obscure Glass, Add	*220.16*	
08 53 13 00-0277		64" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0278	EA	33" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	897.33	65.84
		For Colored Vinyl, Add	*76.56*	
		For Tinted Glass, Add	*91.88*	
		For Low-E Insulated Glass, Add	*191.41*	
		For Obscure Glass, Add	*210.55*	
08 53 13 00-0279	EA	40" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	928.24	69.37
		For Colored Vinyl, Add	*78.95*	
		For Tinted Glass, Add	*94.74*	
		For Low-E Insulated Glass, Add	*197.38*	
		For Obscure Glass, Add	*217.12*	
08 53 13 00-0280	EA	48" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	960.01	73.39
		For Colored Vinyl, Add	*81.32*	
		For Tinted Glass, Add	*97.59*	
		For Low-E Insulated Glass, Add	*203.31*	
		For Obscure Glass, Add	*223.64*	
08 53 13 00-0281	EA	56" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	992.57	77.41
		For Colored Vinyl, Add	*83.78*	
		For Tinted Glass, Add	*100.53*	
		For Low-E Insulated Glass, Add	*209.44*	
		For Obscure Glass, Add	*230.38*	
08 53 13 00-0282		72" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0283	EA	33" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	943.94	69.37
		For Colored Vinyl, Add	*80.52*	
		For Tinted Glass, Add	*96.63*	
		For Low-E Insulated Glass, Add	*201.30*	
		For Obscure Glass, Add	*221.43*	
08 53 13 00-0284	EA	40" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	974.86	73.39
		For Colored Vinyl, Add	*82.91*	
		For Tinted Glass, Add	*99.49*	
		For Low-E Insulated Glass, Add	*207.27*	
		For Obscure Glass, Add	*228.00*	
08 53 13 00-0285	EA	48" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,006.78	77.41
		For Colored Vinyl, Add	*85.30*	
		For Tinted Glass, Add	*102.36*	
		For Low-E Insulated Glass, Add	*213.24*	
		For Obscure Glass, Add	*234.56*	
08 53 13 00-0286	EA	56" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,039.23	80.93
		For Colored Vinyl, Add	*87.74*	
		For Tinted Glass, Add	*105.28*	
		For Low-E Insulated Glass, Add	*219.34*	
		For Obscure Glass, Add	*241.28*	

08 53 13 00-0287 Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

08 53 13 00-0288 36" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0289	EA	62" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	849.04	65.35
		For Colored Vinyl, Add	*71.84*	
		For Tinted Glass, Add	*86.20*	
		For Low-E Insulated Glass, Add	*179.59*	
		For Obscure Glass, Add	*197.55*	
08 53 13 00-0290	EA	72" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	889.36	70.37
		For Colored Vinyl, Add	*74.86*	
		For Tinted Glass, Add	*89.83*	
		For Low-E Insulated Glass, Add	*187.15*	
		For Obscure Glass, Add	*205.87*	
08 53 13 00-0291	EA	86" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	961.37	77.92
		For Colored Vinyl, Add	*80.56*	
		For Tinted Glass, Add	*96.67*	
		For Low-E Insulated Glass, Add	*201.39*	
		For Obscure Glass, Add	*221.53*	

08 53 13 00-0292 40" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0293	EA	62" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	904.54	68.36
		For Colored Vinyl, Add	*76.88*	
		For Tinted Glass, Add	*92.26*	
		For Low-E Insulated Glass, Add	*192.21*	
		For Obscure Glass, Add	*211.43*	
08 53 13 00-0294	EA	72" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	945.16	72.89
		For Colored Vinyl, Add	*79.94*	
		For Tinted Glass, Add	*95.93*	
		For Low-E Insulated Glass, Add	*199.85*	
		For Obscure Glass, Add	*219.83*	
08 53 13 00-0295	EA	86" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,021.26	80.43
		For Colored Vinyl, Add	*86.04*	
		For Tinted Glass, Add	*103.25*	
		For Low-E Insulated Glass, Add	*215.10*	
		For Obscure Glass, Add	*236.61*	

08 53 13 00-0296 48" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0297	EA	62" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	956.84	72.38
		For Colored Vinyl, Add	*81.21*	
		For Tinted Glass, Add	*97.45*	
		For Low-E Insulated Glass, Add	*203.02*	
		For Obscure Glass, Add	*223.32*	
08 53 13 00-0298	EA	72" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,004.71	76.91
		For Colored Vinyl, Add	*85.09*	
		For Tinted Glass, Add	*102.11*	
		For Low-E Insulated Glass, Add	*212.72*	
		For Obscure Glass, Add	*233.99*	
08 53 13 00-0299	EA	86" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,084.30	84.45
		For Colored Vinyl, Add	*91.54*	
		For Tinted Glass, Add	*109.85*	
		For Low-E Insulated Glass, Add	*228.85*	
		For Obscure Glass, Add	*251.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0300		**52" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)** *(08 53 13 00-0287)*		
08 53 13 00-0301	EA	62" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,009.59	74.39
		For Colored Vinyl, Add	*86.08*	
		For Tinted Glass, Add	*103.30*	
		For Low-E Insulated Glass, Add	*215.20*	
		For Obscure Glass, Add	*236.72*	
08 53 13 00-0302	EA	72" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,060.58	79.42
		For Colored Vinyl, Add	*90.18*	
		For Tinted Glass, Add	*108.21*	
		For Low-E Insulated Glass, Add	*225.44*	
		For Obscure Glass, Add	*247.98*	
08 53 13 00-0303	EA	86" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,151.42	86.46
		For Colored Vinyl, Add	*97.85*	
		For Tinted Glass, Add	*117.42*	
		For Low-E Insulated Glass, Add	*244.63*	
		For Obscure Glass, Add	*269.09*	
08 53 13 00-0304		**60" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)** *(08 53 13 00-0287)*		
08 53 13 00-0305	EA	62" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,065.33	77.92
		For Colored Vinyl, Add	*90.95*	
		For Tinted Glass, Add	*109.14*	
		For Low-E Insulated Glass, Add	*227.38*	
		For Obscure Glass, Add	*250.12*	
08 53 13 00-0306	EA	72" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,118.47	82.93
		For Colored Vinyl, Add	*95.26*	
		For Tinted Glass, Add	*114.31*	
		For Low-E Insulated Glass, Add	*238.15*	
		For Obscure Glass, Add	*261.96*	
08 53 13 00-0307	EA	86" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,221.55	89.98
		For Colored Vinyl, Add	*104.16*	
		For Tinted Glass, Add	*124.99*	
		For Low-E Insulated Glass, Add	*260.40*	
		For Obscure Glass, Add	*286.44*	
08 53 13 00-0308		**64" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)** *(08 53 13 00-0287)*		
08 53 13 00-0309	EA	62" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,125.39	80.43
		For Colored Vinyl, Add	*96.45*	
		For Tinted Glass, Add	*115.74*	
		For Low-E Insulated Glass, Add	*241.14*	
		For Obscure Glass, Add	*265.25*	
08 53 13 00-0310	EA	72" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,178.50	85.45
		For Colored Vinyl, Add	*100.76*	
		For Tinted Glass, Add	*120.91*	
		For Low-E Insulated Glass, Add	*251.90*	
		For Obscure Glass, Add	*277.09*	
08 53 13 00-0311	EA	86" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,281.57	92.49
		For Colored Vinyl, Add	*109.66*	
		For Tinted Glass, Add	*131.59*	
		For Low-E Insulated Glass, Add	*274.15*	
		For Obscure Glass, Add	*301.57*	
08 53 13 00-0312		**72" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)** *(08 53 13 00-0287)*		
08 53 13 00-0313	EA	62" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,187.56	83.94
		For Colored Vinyl, Add	*101.97*	
		For Tinted Glass, Add	*122.36*	
		For Low-E Insulated Glass, Add	*254.92*	
		For Obscure Glass, Add	*280.41*	
08 53 13 00-0314	EA	72" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,240.67	88.97
		For Colored Vinyl, Add	*106.27*	
		For Tinted Glass, Add	*127.53*	
		For Low-E Insulated Glass, Add	*265.68*	
		For Obscure Glass, Add	*292.25*	
08 53 13 00-0315	EA	86" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,343.77	96.00
		For Colored Vinyl, Add	*115.18*	
		For Tinted Glass, Add	*138.21*	
		For Low-E Insulated Glass, Add	*287.94*	
		For Obscure Glass, Add	*316.73*	
08 53 13 00-0316		**Replacement, Casement Vinyl Windows (Silver Line 7500)** *(08 53 13 00-0203)*		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0317		**One Operating Sash, Replacement, Casement Vinyl Windows (Silver Line 7500)** *(08 53 13 00-0316)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0318	EA	Up To 53" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	441.50	42.73
		For Colored Vinyl, Add	*35.61*	
		For Tinted Glass, Add	*42.73*	
		For Low-E Insulated Glass, Add	*89.01*	
		For Obscure Glass, Add	*97.91*	
08 53 13 00-0319	EA	>53 To 63" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	501.10	47.76
		For Colored Vinyl, Add	*40.56*	
		For Tinted Glass, Add	*48.67*	
		For Low-E Insulated Glass, Add	*101.40*	
		For Obscure Glass, Add	*111.54*	
08 53 13 00-0320	EA	>63 To 73" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	555.11	52.78
		For Colored Vinyl, Add	*44.96*	
		For Tinted Glass, Add	*53.95*	
		For Low-E Insulated Glass, Add	*112.39*	
		For Obscure Glass, Add	*123.63*	
08 53 13 00-0321	EA	>73" To 83" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	603.51	57.80
		For Colored Vinyl, Add	*48.79*	
		For Tinted Glass, Add	*58.55*	
		For Low-E Insulated Glass, Add	*121.98*	
		For Obscure Glass, Add	*134.17*	
08 53 13 00-0322	EA	>83" To 93" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	646.31	62.83
		For Colored Vinyl, Add	*52.07*	
		For Tinted Glass, Add	*62.48*	
		For Low-E Insulated Glass, Add	*130.16*	
		For Obscure Glass, Add	*143.18*	
08 53 13 00-0323	EA	>93" To 101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	672.88	67.86
		For Colored Vinyl, Add	*53.72*	
		For Tinted Glass, Add	*64.46*	
		For Low-E Insulated Glass, Add	*134.29*	
		For Obscure Glass, Add	*147.72*	
08 53 13 00-0324	UI	>101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	6.63	0.65
		For Colored Vinyl, Add	*0.53*	
		For Tinted Glass, Add	*0.64*	
		For Low-E Insulated Glass, Add	*1.33*	
		For Obscure Glass, Add	*1.46*	

08 53 13 00-0325 Two Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0326	EA	Up To 73" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	728.80	52.78
		For Colored Vinyl, Add	*62.32*	
		For Tinted Glass, Add	*74.79*	
		For Low-E Insulated Glass, Add	*155.81*	
		For Obscure Glass, Add	*171.39*	
08 53 13 00-0327	EA	>73" To 83" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	800.99	57.80
		For Colored Vinyl, Add	*68.54*	
		For Tinted Glass, Add	*82.25*	
		For Low-E Insulated Glass, Add	*171.35*	
		For Obscure Glass, Add	*188.48*	
08 53 13 00-0328	EA	>83" To 93" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	867.58	62.83
		For Colored Vinyl, Add	*74.19*	
		For Tinted Glass, Add	*89.03*	
		For Low-E Insulated Glass, Add	*185.48*	
		For Obscure Glass, Add	*204.03*	
08 53 13 00-0329	EA	>93" To 101" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	913.19	67.86
		For Colored Vinyl, Add	*77.75*	
		For Tinted Glass, Add	*93.30*	
		For Low-E Insulated Glass, Add	*194.37*	
		For Obscure Glass, Add	*213.80*	
08 53 13 00-0330	EA	>101" To 110" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	961.73	72.89
		For Colored Vinyl, Add	*81.60*	
		For Tinted Glass, Add	*97.92*	
		For Low-E Insulated Glass, Add	*203.99*	
		For Obscure Glass, Add	*224.39*	
08 53 13 00-0331	EA	>110" To 120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,012.37	77.92
		For Colored Vinyl, Add	*85.66*	
		For Tinted Glass, Add	*102.79*	
		For Low-E Insulated Glass, Add	*214.14*	
		For Obscure Glass, Add	*235.55*	
08 53 13 00-0332	UI	>120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	8.45	0.65
		For Colored Vinyl, Add	*0.71*	
		For Tinted Glass, Add	*0.86*	
		For Low-E Insulated Glass, Add	*1.79*	
		For Obscure Glass, Add	*1.96*	

08 53 13 00-0333 Three Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0334	EA	Up To 73" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	759.45	52.78
		For Colored Vinyl, Add	*65.39*	
		For Tinted Glass, Add	*78.47*	
		For Low-E Insulated Glass, Add	*163.47*	
		For Obscure Glass, Add	*179.82*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0335		EA	>73" To 83" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	835.00	57.80
			For Colored Vinyl, Add	*71.94*	
			For Tinted Glass, Add	*86.33*	
			For Low-E Insulated Glass, Add	*179.85*	
			For Obscure Glass, Add	*197.83*	
08 53 13 00-0336		EA	>83" To 93" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	906.63	62.83
			For Colored Vinyl, Add	*78.10*	
			For Tinted Glass, Add	*93.72*	
			For Low-E Insulated Glass, Add	*195.24*	
			For Obscure Glass, Add	*214.77*	
08 53 13 00-0337		EA	>93" To 101" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	955.60	67.86
			For Colored Vinyl, Add	*81.99*	
			For Tinted Glass, Add	*98.39*	
			For Low-E Insulated Glass, Add	*204.97*	
			For Obscure Glass, Add	*225.47*	
08 53 13 00-0338		EA	>101" To 110" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,007.91	72.89
			For Colored Vinyl, Add	*86.21*	
			For Tinted Glass, Add	*103.46*	
			For Low-E Insulated Glass, Add	*215.54*	
			For Obscure Glass, Add	*237.09*	
08 53 13 00-0339		EA	>110" To 120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,062.75	77.92
			For Colored Vinyl, Add	*90.69*	
			For Tinted Glass, Add	*108.83*	
			For Low-E Insulated Glass, Add	*226.73*	
			For Obscure Glass, Add	*249.41*	
08 53 13 00-0340		UI	>120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	8.87	0.65
			For Colored Vinyl, Add	*0.76*	
			For Tinted Glass, Add	*0.91*	
			For Low-E Insulated Glass, Add	*1.89*	
			For Obscure Glass, Add	*2.08*	

08 53 13 00-0341 Awning Vinyl Windows *(08 53 13)*

08 53 13 00-0342 New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0341)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0343 Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0342)*

08 53 13 00-0344 17" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0345		EA	24" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	444.01	41.22
			For Colored Vinyl, Add	*36.16*	
			For Tinted Glass, Add	*43.39*	
			For Low-E Insulated Glass, Add	*90.39*	
			For Obscure Glass, Add	*99.43*	
08 53 13 00-0346		EA	28" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	464.82	43.23
			For Colored Vinyl, Add	*37.84*	
			For Tinted Glass, Add	*45.40*	
			For Low-E Insulated Glass, Add	*94.59*	
			For Obscure Glass, Add	*104.05*	
08 53 13 00-0347		EA	36" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	497.06	46.75
			For Colored Vinyl, Add	*40.36*	
			For Tinted Glass, Add	*48.43*	
			For Low-E Insulated Glass, Add	*100.89*	
			For Obscure Glass, Add	*110.98*	
08 53 13 00-0348		EA	40" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	517.92	49.26
			For Colored Vinyl, Add	*41.94*	
			For Tinted Glass, Add	*50.33*	
			For Low-E Insulated Glass, Add	*104.85*	
			For Obscure Glass, Add	*115.34*	
08 53 13 00-0349		EA	48" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	552.11	53.28
			For Colored Vinyl, Add	*44.55*	
			For Tinted Glass, Add	*53.46*	
			For Low-E Insulated Glass, Add	*111.39*	
			For Obscure Glass, Add	*122.52*	

08 53 13 00-0350 20" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0351		EA	24" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	468.01	43.23
			For Colored Vinyl, Add	*38.26*	
			For Tinted Glass, Add	*45.91*	
			For Low-E Insulated Glass, Add	*95.64*	
			For Obscure Glass, Add	*105.20*	
08 53 13 00-0352		EA	28" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	488.83	45.24
			For Colored Vinyl, Add	*39.94*	
			For Tinted Glass, Add	*47.92*	
			For Low-E Insulated Glass, Add	*99.84*	
			For Obscure Glass, Add	*109.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0353	EA	36" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	523.38	48.26
		For Colored Vinyl, Add	*42.69*	
		For Tinted Glass, Add	*51.22*	
		For Low-E Insulated Glass, Add	*106.72*	
		For Obscure Glass, Add	*117.39*	
08 53 13 00-0354	EA	40" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	544.28	51.27
		For Colored Vinyl, Add	*44.27*	
		For Tinted Glass, Add	*53.13*	
		For Low-E Insulated Glass, Add	*110.69*	
		For Obscure Glass, Add	*121.75*	
08 53 13 00-0355	EA	48" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	580.76	54.79
		For Colored Vinyl, Add	*47.12*	
		For Tinted Glass, Add	*56.54*	
		For Low-E Insulated Glass, Add	*117.80*	
		For Obscure Glass, Add	*129.57*	
08 53 13 00-0356		24" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*		
08 53 13 00-0357	EA	24" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	483.68	45.24
		For Colored Vinyl, Add	*39.42*	
		For Tinted Glass, Add	*47.31*	
		For Low-E Insulated Glass, Add	*98.55*	
		For Obscure Glass, Add	*108.41*	
08 53 13 00-0358	EA	28" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	504.50	47.25
		For Colored Vinyl, Add	*41.10*	
		For Tinted Glass, Add	*49.32*	
		For Low-E Insulated Glass, Add	*102.75*	
		For Obscure Glass, Add	*113.03*	
08 53 13 00-0359	EA	36" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	540.22	50.26
		For Colored Vinyl, Add	*43.97*	
		For Tinted Glass, Add	*52.76*	
		For Low-E Insulated Glass, Add	*109.92*	
		For Obscure Glass, Add	*120.91*	
08 53 13 00-0360	EA	40" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	563.00	53.28
		For Colored Vinyl, Add	*45.74*	
		For Tinted Glass, Add	*54.89*	
		For Low-E Insulated Glass, Add	*114.36*	
		For Obscure Glass, Add	*125.80*	
08 53 13 00-0361	EA	48" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	599.96	56.80
		For Colored Vinyl, Add	*48.64*	
		For Tinted Glass, Add	*58.36*	
		For Low-E Insulated Glass, Add	*121.59*	
		For Obscure Glass, Add	*133.75*	
08 53 13 00-0362		28" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*		
08 53 13 00-0363	EA	24" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	499.38	47.25
		For Colored Vinyl, Add	*40.59*	
		For Tinted Glass, Add	*48.71*	
		For Low-E Insulated Glass, Add	*101.47*	
		For Obscure Glass, Add	*111.62*	
08 53 13 00-0364	EA	28" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	520.19	49.26
		For Colored Vinyl, Add	*42.27*	
		For Tinted Glass, Add	*50.72*	
		For Low-E Insulated Glass, Add	*105.67*	
		For Obscure Glass, Add	*116.23*	
08 53 13 00-0365	EA	36" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	557.09	52.28
		For Colored Vinyl, Add	*45.25*	
		For Tinted Glass, Add	*54.30*	
		For Low-E Insulated Glass, Add	*113.14*	
		For Obscure Glass, Add	*124.45*	
08 53 13 00-0366	EA	40" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	581.60	55.29
		For Colored Vinyl, Add	*47.20*	
		For Tinted Glass, Add	*56.64*	
		For Low-E Insulated Glass, Add	*118.01*	
		For Obscure Glass, Add	*129.81*	
08 53 13 00-0367	EA	48" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	619.15	58.81
		For Colored Vinyl, Add	*50.15*	
		For Tinted Glass, Add	*60.18*	
		For Low-E Insulated Glass, Add	*125.38*	
		For Obscure Glass, Add	*137.92*	
08 53 13 00-0368		36" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*		
08 53 13 00-0369	EA	36" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	589.77	55.80
		For Colored Vinyl, Add	*47.82*	
		For Tinted Glass, Add	*57.38*	
		For Low-E Insulated Glass, Add	*119.55*	
		For Obscure Glass, Add	*131.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0370	EA	40" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	614.30	58.31
		For Colored Vinyl, Add	*49.77*	
		For Tinted Glass, Add	*59.72*	
		For Low-E Insulated Glass, Add	*124.42*	
		For Obscure Glass, Add	*136.86*	
08 53 13 00-0371	EA	48" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	654.18	62.33
		For Colored Vinyl, Add	*52.95*	
		For Tinted Glass, Add	*63.54*	
		For Low-E Insulated Glass, Add	*132.38*	
		For Obscure Glass, Add	*145.62*	

08 53 13 00-0372 Replacement, Awning Vinyl Windows (Silver Line 7400) *(08 53 13 00-0341)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0373	EA	Up To 53" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	463.76	42.73
		For Colored Vinyl, Add	*37.83*	
		For Tinted Glass, Add	*45.40*	
		For Low-E Insulated Glass, Add	*94.58*	
		For Obscure Glass, Add	*104.04*	
08 53 13 00-0374	EA	>53" To 63" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	536.37	47.76
		For Colored Vinyl, Add	*44.09*	
		For Tinted Glass, Add	*52.90*	
		For Low-E Insulated Glass, Add	*110.22*	
		For Obscure Glass, Add	*121.24*	
08 53 13 00-0375	EA	>63" To 73" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	606.19	52.78
		For Colored Vinyl, Add	*50.06*	
		For Tinted Glass, Add	*60.08*	
		For Low-E Insulated Glass, Add	*125.16*	
		For Obscure Glass, Add	*137.67*	
08 53 13 00-0376	EA	>73" To 83" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	673.20	57.80
		For Colored Vinyl, Add	*55.76*	
		For Tinted Glass, Add	*66.91*	
		For Low-E Insulated Glass, Add	*139.40*	
		For Obscure Glass, Add	*153.34*	
08 53 13 00-0377	EA	>83" To 93" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	737.42	62.83
		For Colored Vinyl, Add	*61.18*	
		For Tinted Glass, Add	*73.41*	
		For Low-E Insulated Glass, Add	*152.94*	
		For Obscure Glass, Add	*168.23*	
08 53 13 00-0378	EA	>93" To 101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	771.83	67.86
		For Colored Vinyl, Add	*63.61*	
		For Tinted Glass, Add	*76.33*	
		For Low-E Insulated Glass, Add	*159.03*	
		For Obscure Glass, Add	*174.93*	
08 53 13 00-0379	UI	>101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	7.61	0.65
		For Colored Vinyl, Add	*0.63*	
		For Tinted Glass, Add	*0.76*	
		For Low-E Insulated Glass, Add	*1.58*	
		For Obscure Glass, Add	*1.73*	

08 53 13 00-0380 Horizontal Sliding Vinyl Windows *(08 53 13)*

08 53 13 00-0381 New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0380)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0382 20" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0383	EA	36" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	266.51	49.26
		For Colored Vinyl, Add	*16.90*	
		For Tinted Glass, Add	*20.28*	
		For Low-E Insulated Glass, Add	*42.25*	
		For Obscure Glass, Add	*46.47*	
08 53 13 00-0384	EA	48" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	295.14	55.29
		For Colored Vinyl, Add	*18.56*	
		For Tinted Glass, Add	*22.27*	
		For Low-E Insulated Glass, Add	*46.39*	
		For Obscure Glass, Add	*51.03*	
08 53 13 00-0385	EA	54" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	309.45	57.80
		For Colored Vinyl, Add	*19.38*	
		For Tinted Glass, Add	*23.26*	
		For Low-E Insulated Glass, Add	*48.46*	
		For Obscure Glass, Add	*53.31*	
08 53 13 00-0386	EA	60" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	323.77	60.83
		For Colored Vinyl, Add	*20.21*	
		For Tinted Glass, Add	*24.26*	
		For Low-E Insulated Glass, Add	*50.53*	
		For Obscure Glass, Add	*55.59*	
08 53 13 00-0387	EA	64" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	333.30	63.33
		For Colored Vinyl, Add	*20.76*	
		For Tinted Glass, Add	*24.92*	
		For Low-E Insulated Glass, Add	*51.91*	
		For Obscure Glass, Add	*57.10*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0388	EA	72" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	352.40	66.85
		For Colored Vinyl, Add	*21.87*	
		For Tinted Glass, Add	*26.24*	
		For Low-E Insulated Glass, Add	*54.68*	
		For Obscure Glass, Add	*60.14*	
08 53 13 00-0389		24" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*		
08 53 13 00-0390	EA	36" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	279.85	51.27
		For Colored Vinyl, Add	*17.83*	
		For Tinted Glass, Add	*21.40*	
		For Low-E Insulated Glass, Add	*44.58*	
		For Obscure Glass, Add	*49.04*	
08 53 13 00-0391	EA	48" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	309.23	57.30
		For Colored Vinyl, Add	*19.56*	
		For Tinted Glass, Add	*23.48*	
		For Low-E Insulated Glass, Add	*48.91*	
		For Obscure Glass, Add	*53.80*	
08 53 13 00-0392	EA	54" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	324.03	59.82
		For Colored Vinyl, Add	*20.44*	
		For Tinted Glass, Add	*24.53*	
		For Low-E Insulated Glass, Add	*51.10*	
		For Obscure Glass, Add	*56.21*	
08 53 13 00-0393	EA	60" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	338.65	62.83
		For Colored Vinyl, Add	*21.30*	
		For Tinted Glass, Add	*25.56*	
		For Low-E Insulated Glass, Add	*53.25*	
		For Obscure Glass, Add	*58.57*	
08 53 13 00-0394	EA	64" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	348.44	65.35
		For Colored Vinyl, Add	*21.88*	
		For Tinted Glass, Add	*26.25*	
		For Low-E Insulated Glass, Add	*54.69*	
		For Obscure Glass, Add	*60.16*	
08 53 13 00-0395	EA	72" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	368.04	68.87
		For Colored Vinyl, Add	*23.03*	
		For Tinted Glass, Add	*27.64*	
		For Low-E Insulated Glass, Add	*57.58*	
		For Obscure Glass, Add	*63.34*	
08 53 13 00-0396		36" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*		
08 53 13 00-0397	EA	36" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	320.12	57.30
		For Colored Vinyl, Add	*20.65*	
		For Tinted Glass, Add	*24.78*	
		For Low-E Insulated Glass, Add	*51.63*	
		For Obscure Glass, Add	*56.79*	
08 53 13 00-0398	EA	48" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	351.94	63.33
		For Colored Vinyl, Add	*22.63*	
		For Tinted Glass, Add	*27.15*	
		For Low-E Insulated Glass, Add	*56.57*	
		For Obscure Glass, Add	*62.23*	
08 53 13 00-0399	EA	54" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	367.89	65.84
		For Colored Vinyl, Add	*23.62*	
		For Tinted Glass, Add	*28.34*	
		For Low-E Insulated Glass, Add	*59.05*	
		For Obscure Glass, Add	*64.95*	
08 53 13 00-0400	EA	60" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	383.80	68.87
		For Colored Vinyl, Add	*24.61*	
		For Tinted Glass, Add	*29.53*	
		For Low-E Insulated Glass, Add	*61.52*	
		For Obscure Glass, Add	*67.67*	
08 53 13 00-0401	EA	64" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	394.42	70.37
		For Colored Vinyl, Add	*25.27*	
		For Tinted Glass, Add	*30.32*	
		For Low-E Insulated Glass, Add	*63.17*	
		For Obscure Glass, Add	*69.49*	
08 53 13 00-0402	EA	72" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	415.67	74.89
		For Colored Vinyl, Add	*26.59*	
		For Tinted Glass, Add	*31.90*	
		For Low-E Insulated Glass, Add	*66.47*	
		For Obscure Glass, Add	*73.11*	
08 53 13 00-0403		42" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*		
08 53 13 00-0404	EA	36" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	340.26	60.32
		For Colored Vinyl, Add	*22.06*	
		For Tinted Glass, Add	*26.48*	
		For Low-E Insulated Glass, Add	*55.16*	
		For Obscure Glass, Add	*60.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0405	EA	48" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	373.32	66.35
		For Colored Vinyl, Add	*24.16*	
		For Tinted Glass, Add	*28.99*	
		For Low-E Insulated Glass, Add	*60.41*	
		For Obscure Glass, Add	*66.45*	
08 53 13 00-0406	EA	54" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	389.87	68.87
		For Colored Vinyl, Add	*25.22*	
		For Tinted Glass, Add	*30.26*	
		For Low-E Insulated Glass, Add	*63.04*	
		For Obscure Glass, Add	*69.34*	
08 53 13 00-0407	EA	60" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	406.41	71.88
		For Colored Vinyl, Add	*26.27*	
		For Tinted Glass, Add	*31.52*	
		For Low-E Insulated Glass, Add	*65.66*	
		For Obscure Glass, Add	*72.23*	
08 53 13 00-0408	EA	64" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	417.40	74.39
		For Colored Vinyl, Add	*26.96*	
		For Tinted Glass, Add	*32.35*	
		For Low-E Insulated Glass, Add	*67.41*	
		For Obscure Glass, Add	*74.15*	
08 53 13 00-0409	EA	72" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	439.46	77.92
		For Colored Vinyl, Add	*28.36*	
		For Tinted Glass, Add	*34.04*	
		For Low-E Insulated Glass, Add	*70.91*	
		For Obscure Glass, Add	*78.00*	

08 53 13 00-0410 44" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0411	EA	36" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	346.97	61.33
		For Colored Vinyl, Add	*22.53*	
		For Tinted Glass, Add	*27.04*	
		For Low-E Insulated Glass, Add	*56.33*	
		For Obscure Glass, Add	*61.97*	
08 53 13 00-0412	EA	48" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	380.45	67.36
		For Colored Vinyl, Add	*24.68*	
		For Tinted Glass, Add	*29.61*	
		For Low-E Insulated Glass, Add	*61.69*	
		For Obscure Glass, Add	*67.86*	
08 53 13 00-0413	EA	54" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	397.18	69.86
		For Colored Vinyl, Add	*25.74*	
		For Tinted Glass, Add	*30.89*	
		For Low-E Insulated Glass, Add	*64.36*	
		For Obscure Glass, Add	*70.80*	
08 53 13 00-0414	EA	60" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	413.93	72.89
		For Colored Vinyl, Add	*26.82*	
		For Tinted Glass, Add	*32.18*	
		For Low-E Insulated Glass, Add	*67.04*	
		For Obscure Glass, Add	*73.74*	
08 53 13 00-0415	EA	64" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	425.10	75.40
		For Colored Vinyl, Add	*27.53*	
		For Tinted Glass, Add	*33.04*	
		For Low-E Insulated Glass, Add	*68.83*	
		For Obscure Glass, Add	*75.71*	
08 53 13 00-0416	EA	72" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	447.39	78.91
		For Colored Vinyl, Add	*28.96*	
		For Tinted Glass, Add	*34.75*	
		For Low-E Insulated Glass, Add	*72.39*	
		For Obscure Glass, Add	*79.63*	

08 53 13 00-0417 46" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0418	EA	36" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	353.70	62.33
		For Colored Vinyl, Add	*23.00*	
		For Tinted Glass, Add	*27.60*	
		For Low-E Insulated Glass, Add	*57.51*	
		For Obscure Glass, Add	*63.26*	
08 53 13 00-0419	EA	48" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	387.56	68.36
		For Colored Vinyl, Add	*25.18*	
		For Tinted Glass, Add	*30.22*	
		For Low-E Insulated Glass, Add	*62.96*	
		For Obscure Glass, Add	*69.26*	
08 53 13 00-0420	EA	54" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	404.50	70.87
		For Colored Vinyl, Add	*26.28*	
		For Tinted Glass, Add	*31.53*	
		For Low-E Insulated Glass, Add	*65.69*	
		For Obscure Glass, Add	*72.26*	
08 53 13 00-0421	EA	60" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	421.43	73.90
		For Colored Vinyl, Add	*27.37*	
		For Tinted Glass, Add	*32.84*	
		For Low-E Insulated Glass, Add	*68.41*	
		For Obscure Glass, Add	*75.25*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0422	EA	64" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	432.72	76.40
		For Colored Vinyl, Add	*28.09*	
		For Tinted Glass, Add	*33.71*	
		For Low-E Insulated Glass, Add	*70.23*	
		For Obscure Glass, Add	*77.25*	
08 53 13 00-0423	EA	72" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	455.32	79.92
		For Colored Vinyl, Add	*29.55*	
		For Tinted Glass, Add	*35.46*	
		For Low-E Insulated Glass, Add	*73.87*	
		For Obscure Glass, Add	*81.26*	
08 53 13 00-0424		48" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*		
08 53 13 00-0425	EA	36" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	360.40	63.33
		For Colored Vinyl, Add	*23.47*	
		For Tinted Glass, Add	*28.17*	
		For Low-E Insulated Glass, Add	*58.69*	
		For Obscure Glass, Add	*64.55*	
08 53 13 00-0426	EA	48" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	394.68	69.37
		For Colored Vinyl, Add	*25.70*	
		For Tinted Glass, Add	*30.84*	
		For Low-E Insulated Glass, Add	*64.24*	
		For Obscure Glass, Add	*70.66*	
08 53 13 00-0427	EA	54" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	411.84	71.88
		For Colored Vinyl, Add	*26.81*	
		For Tinted Glass, Add	*32.17*	
		For Low-E Insulated Glass, Add	*67.02*	
		For Obscure Glass, Add	*73.72*	
08 53 13 00-0428	EA	60" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	428.96	74.89
		For Colored Vinyl, Add	*27.92*	
		For Tinted Glass, Add	*33.50*	
		For Low-E Insulated Glass, Add	*69.79*	
		For Obscure Glass, Add	*76.77*	
08 53 13 00-0429	EA	64" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	440.40	77.41
		For Colored Vinyl, Add	*28.66*	
		For Tinted Glass, Add	*34.39*	
		For Low-E Insulated Glass, Add	*71.65*	
		For Obscure Glass, Add	*78.81*	
08 53 13 00-0430	EA	72" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	463.27	80.93
		For Colored Vinyl, Add	*30.14*	
		For Tinted Glass, Add	*36.17*	
		For Low-E Insulated Glass, Add	*75.35*	
		For Obscure Glass, Add	*82.89*	
08 53 13 00-0431		50" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*		
08 53 13 00-0432	EA	36" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	367.12	64.34
		For Colored Vinyl, Add	*23.94*	
		For Tinted Glass, Add	*28.73*	
		For Low-E Insulated Glass, Add	*59.86*	
		For Obscure Glass, Add	*65.85*	
08 53 13 00-0433	EA	48" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	401.80	70.37
		For Colored Vinyl, Add	*26.21*	
		For Tinted Glass, Add	*31.45*	
		For Low-E Insulated Glass, Add	*65.52*	
		For Obscure Glass, Add	*72.07*	
08 53 13 00-0434	EA	54" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	419.14	72.89
		For Colored Vinyl, Add	*27.34*	
		For Tinted Glass, Add	*32.80*	
		For Low-E Insulated Glass, Add	*68.34*	
		For Obscure Glass, Add	*75.18*	
08 53 13 00-0435	EA	60" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	436.48	75.90
		For Colored Vinyl, Add	*28.47*	
		For Tinted Glass, Add	*34.16*	
		For Low-E Insulated Glass, Add	*71.17*	
		For Obscure Glass, Add	*78.29*	
08 53 13 00-0436	EA	64" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	448.05	78.41
		For Colored Vinyl, Add	*29.22*	
		For Tinted Glass, Add	*35.07*	
		For Low-E Insulated Glass, Add	*73.06*	
		For Obscure Glass, Add	*80.36*	
08 53 13 00-0437	EA	72" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	471.18	81.94
		For Colored Vinyl, Add	*30.73*	
		For Tinted Glass, Add	*36.88*	
		For Low-E Insulated Glass, Add	*76.83*	
		For Obscure Glass, Add	*84.51*	
08 53 13 00-0438		52" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0439	EA	36" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	373.82	65.35
		For Colored Vinyl, Add	*24.41*	
		For Tinted Glass, Add	*29.30*	
		For Low-E Insulated Glass, Add	*61.04*	
		For Obscure Glass, Add	*67.14*	
08 53 13 00-0440	EA	48" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	408.92	71.38
		For Colored Vinyl, Add	*26.72*	
		For Tinted Glass, Add	*32.06*	
		For Low-E Insulated Glass, Add	*66.80*	
		For Obscure Glass, Add	*73.47*	
08 53 13 00-0441	EA	54" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	426.47	73.90
		For Colored Vinyl, Add	*27.87*	
		For Tinted Glass, Add	*33.44*	
		For Low-E Insulated Glass, Add	*69.67*	
		For Obscure Glass, Add	*76.64*	
08 53 13 00-0442	EA	60" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	444.04	76.91
		For Colored Vinyl, Add	*29.02*	
		For Tinted Glass, Add	*34.83*	
		For Low-E Insulated Glass, Add	*72.56*	
		For Obscure Glass, Add	*79.81*	
08 53 13 00-0443	EA	64" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	455.73	79.42
		For Colored Vinyl, Add	*29.79*	
		For Tinted Glass, Add	*35.75*	
		For Low-E Insulated Glass, Add	*74.47*	
		For Obscure Glass, Add	*81.92*	
08 53 13 00-0444	EA	72" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	479.14	82.93
		For Colored Vinyl, Add	*31.33*	
		For Tinted Glass, Add	*37.59*	
		For Low-E Insulated Glass, Add	*78.32*	
		For Obscure Glass, Add	*86.15*	

08 53 13 00-0445 54" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0446	EA	36" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	380.55	66.35
		For Colored Vinyl, Add	*24.89*	
		For Tinted Glass, Add	*29.86*	
		For Low-E Insulated Glass, Add	*62.21*	
		For Obscure Glass, Add	*68.43*	
08 53 13 00-0447	EA	48" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	416.04	72.38
		For Colored Vinyl, Add	*27.23*	
		For Tinted Glass, Add	*32.67*	
		For Low-E Insulated Glass, Add	*68.07*	
		For Obscure Glass, Add	*74.88*	
08 53 13 00-0448	EA	54" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	433.80	74.89
		For Colored Vinyl, Add	*28.40*	
		For Tinted Glass, Add	*34.08*	
		For Low-E Insulated Glass, Add	*71.00*	
		For Obscure Glass, Add	*78.10*	
08 53 13 00-0449	EA	60" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	451.55	77.92
		For Colored Vinyl, Add	*29.57*	
		For Tinted Glass, Add	*35.49*	
		For Low-E Insulated Glass, Add	*73.93*	
		For Obscure Glass, Add	*81.33*	
08 53 13 00-0450	EA	64" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	463.38	80.43
		For Colored Vinyl, Add	*30.35*	
		For Tinted Glass, Add	*36.42*	
		For Low-E Insulated Glass, Add	*75.89*	
		For Obscure Glass, Add	*83.47*	
08 53 13 00-0451	EA	72" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	487.04	83.94
		For Colored Vinyl, Add	*31.92*	
		For Tinted Glass, Add	*38.30*	
		For Low-E Insulated Glass, Add	*79.79*	
		For Obscure Glass, Add	*87.77*	

08 53 13 00-0452 60" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0453	EA	36" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	413.07	69.37
		For Colored Vinyl, Add	*27.54*	
		For Tinted Glass, Add	*33.04*	
		For Low-E Insulated Glass, Add	*68.84*	
		For Obscure Glass, Add	*75.72*	
08 53 13 00-0454	EA	48" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	437.41	75.40
		For Colored Vinyl, Add	*28.76*	
		For Tinted Glass, Add	*34.51*	
		For Low-E Insulated Glass, Add	*71.90*	
		For Obscure Glass, Add	*79.09*	
08 53 13 00-0455	EA	54" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	455.78	77.92
		For Colored Vinyl, Add	*30.00*	
		For Tinted Glass, Add	*36.00*	
		For Low-E Insulated Glass, Add	*74.99*	
		For Obscure Glass, Add	*82.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0456	EA	60" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	474.14	80.93
		For Colored Vinyl, Add	*31.23*	
		For Tinted Glass, Add	*37.47*	
		For Low-E Insulated Glass, Add	*78.07*	
		For Obscure Glass, Add	*85.88*	
08 53 13 00-0457	EA	64" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	486.38	83.44
		For Colored Vinyl, Add	*32.05*	
		For Tinted Glass, Add	*38.46*	
		For Low-E Insulated Glass, Add	*80.13*	
		For Obscure Glass, Add	*88.14*	
08 53 13 00-0458	EA	72" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	510.86	86.95
		For Colored Vinyl, Add	*33.69*	
		For Tinted Glass, Add	*40.43*	
		For Low-E Insulated Glass, Add	*84.24*	
		For Obscure Glass, Add	*92.66*	

08 53 13 00-0459 Replacement, Horizontal Sliding Vinyl Windows (Silver Line 8700) *(08 53 13 00-0380)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0460	EA	Up To 73" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	422.29	52.78
		For Colored Vinyl, Add	*31.67*	
		For Tinted Glass, Add	*38.01*	
		For Low-E Insulated Glass, Add	*79.18*	
		For Obscure Glass, Add	*87.10*	
08 53 13 00-0461	EA	>73" To 83" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	464.11	57.80
		For Colored Vinyl, Add	*34.85*	
		For Tinted Glass, Add	*41.82*	
		For Low-E Insulated Glass, Add	*87.13*	
		For Obscure Glass, Add	*95.84*	
08 53 13 00-0462	EA	>83" To 93" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	503.13	62.83
		For Colored Vinyl, Add	*37.75*	
		For Tinted Glass, Add	*45.30*	
		For Low-E Insulated Glass, Add	*94.37*	
		For Obscure Glass, Add	*103.80*	
08 53 13 00-0463	EA	>93" To 101" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	531.52	67.86
		For Colored Vinyl, Add	*39.58*	
		For Tinted Glass, Add	*47.50*	
		For Low-E Insulated Glass, Add	*98.95*	
		For Obscure Glass, Add	*108.85*	
08 53 13 00-0464	EA	>101" To 110" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	561.45	72.89
		For Colored Vinyl, Add	*41.57*	
		For Tinted Glass, Add	*49.88*	
		For Low-E Insulated Glass, Add	*103.92*	
		For Obscure Glass, Add	*114.31*	
08 53 13 00-0465	EA	>110" To 120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	609.29	77.92
		For Colored Vinyl, Add	*45.35*	
		For Tinted Glass, Add	*54.42*	
		For Low-E Insulated Glass, Add	*113.37*	
		For Obscure Glass, Add	*124.70*	
08 53 13 00-0466	UI	>120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	5.09	0.65
		For Colored Vinyl, Add	*0.38*	
		For Tinted Glass, Add	*0.45*	
		For Low-E Insulated Glass, Add	*0.95*	
		For Obscure Glass, Add	*1.04*	

08 53 13 00-0467 Basement Vinyl Windows *(08 53 13)*

08 53 13 00-0468 New Construction, Basement Vinyl Windows (Silver Line 5900) *(08 53 13 00-0467)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0469	EA	32" x 15", New Construction, Basement Vinyl Window (Silver Line 5900)	248.38	40.21
		For Colored Vinyl, Add	*16.80*	
		For Tinted Glass, Add	*20.15*	
		For Low-E Insulated Glass, Add	*41.99*	
		For Obscure Glass, Add	*46.19*	
08 53 13 00-0470	EA	32" x 20", New Construction, Basement Vinyl Window (Silver Line 5900)	267.97	40.21
		For Colored Vinyl, Add	*18.75*	
		For Tinted Glass, Add	*22.50*	
		For Low-E Insulated Glass, Add	*46.89*	
		For Obscure Glass, Add	*51.57*	
08 53 13 00-0471	EA	32" x 23", New Construction, Basement Vinyl Window (Silver Line 5900)	279.17	40.21
		For Colored Vinyl, Add	*19.87*	
		For Tinted Glass, Add	*23.85*	
		For Low-E Insulated Glass, Add	*49.69*	
		For Obscure Glass, Add	*54.65*	

08 53 13 00-0472 Replacement, Basement Vinyl Windows *(08 53 13 00-0467)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

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	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0473		EA	Up To 47" UI, Replacement, Basement Vinyl Window	316.34	39.21
			For Colored Vinyl, Add	*23.79*	
			For Tinted Glass, Add	*28.55*	
			For Low-E Insulated Glass, Add	*59.48*	
			For Obscure Glass, Add	*65.43*	
08 53 13 00-0474		EA	>47" To 55" UI, Replacement, Basement Vinyl Window	352.20	45.24
			For Colored Vinyl, Add	*26.17*	
			For Tinted Glass, Add	*31.41*	
			For Low-E Insulated Glass, Add	*65.43*	
			For Obscure Glass, Add	*71.97*	
08 53 13 00-0475		UI	>55" UI, Replacement, Basement Vinyl Window	6.07	0.65
			For Colored Vinyl, Add	*0.48*	
			For Tinted Glass, Add	*0.57*	
			For Low-E Insulated Glass, Add	*1.19*	
			For Obscure Glass, Add	*1.31*	

08 53 13 00-0476 Accessories For Vinyl Windows *(08 53 13)*

08 53 13 00-0477 Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0476)*

08 53 13 00-0478 Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0477)*

08 53 13 00-0479	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	39.19	
08 53 13 00-0480	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	50.39	
08 53 13 00-0481	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	64.89	
08 53 13 00-0482	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	76.60	
08 53 13 00-0483	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	94.15	

08 53 13 00-0484 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0477)*

08 53 13 00-0485	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	89.06	
08 53 13 00-0486	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	106.88	
08 53 13 00-0487	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	134.87	
08 53 13 00-0488	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	167.95	
08 53 13 00-0489	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	201.03	

08 53 66 Vinyl Window Screens *(08 53)*

08 53 66 00-0001 Insect Screens For Vinyl Windows *(08 53 66)*

08 53 66 00-0002	EA	Up To 6 SF, Insect Screen For Vinyl Windows	43.35	8.95
08 53 66 00-0003	EA	>6 To 9 SF, Insect Screen For Vinyl Windows	58.62	8.95
08 53 66 00-0004	EA	>9 To 12 SF, Insect Screen For Vinyl Windows	63.70	8.95
08 53 66 00-0005	EA	>12 To 15 SF, Insect Screen For Vinyl Windows	73.88	8.95
08 53 66 00-0006	EA	>15 To 20 SF, Insect Screen For Vinyl Windows	96.79	8.95
08 53 66 00-0007	EA	>20 To 25 SF, Insect Screen For Vinyl Windows	106.96	8.95
08 53 66 00-0008	EA	>25 To 30 SF, Insect Screen For Vinyl Windows	122.23	8.95
08 53 66 00-0009	EA	>30 To 35 SF, Insect Screen For Vinyl Windows	132.41	8.95
08 53 66 00-0010	SF	>35 SF, Insect Screen For Vinyl Windows	4.01	0.18

08 54 Composite Windows *(08 50)*

08 54 13 Fiberglass Windows *(08 54)*

08 54 13 00-0001 Single Hung Fiberglass Windows *(08 54 13)*

08 54 13 00-0002 New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0001)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 54 13 00-0003 34" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*

08 54 13 00-0004	EA	24" x 34", New Construction, Single Hung Fiberglass Window	378.91	46.24
		For Colored Vinyl, Add	*28.64*	
		For Tinted Glass, Add	*34.37*	
		For Low-E Insulated Glass, Add	*71.61*	
		For Obscure Glass, Add	*78.77*	
08 54 13 00-0005	EA	28" x 34", New Construction, Single Hung Fiberglass Window	398.87	48.26
		For Colored Vinyl, Add	*30.24*	
		For Tinted Glass, Add	*36.28*	
		For Low-E Insulated Glass, Add	*75.59*	
		For Obscure Glass, Add	*83.15*	
08 54 13 00-0006	EA	30" x 34", New Construction, Single Hung Fiberglass Window	407.05	49.26
		For Colored Vinyl, Add	*30.85*	
		For Tinted Glass, Add	*37.02*	
		For Low-E Insulated Glass, Add	*77.13*	
		For Obscure Glass, Add	*84.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0007	EA	32" x 34", New Construction, Single Hung Fiberglass Window	416.02	50.26
		For Colored Vinyl, Add	*31.55*	
		For Tinted Glass, Add	*37.86*	
		For Low-E Insulated Glass, Add	*78.87*	
		For Obscure Glass, Add	*86.76*	
08 54 13 00-0008	EA	36" x 34", New Construction, Single Hung Fiberglass Window	439.57	52.28
		For Colored Vinyl, Add	*33.50*	
		For Tinted Glass, Add	*40.20*	
		For Low-E Insulated Glass, Add	*83.76*	
		For Obscure Glass, Add	*92.13*	
08 54 13 00-0009	EA	44" x 34", New Construction, Single Hung Fiberglass Window	477.12	56.30
		For Colored Vinyl, Add	*36.45*	
		For Tinted Glass, Add	*43.74*	
		For Low-E Insulated Glass, Add	*91.13*	
		For Obscure Glass, Add	*100.25*	
08 54 13 00-0010		36" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*		
08 54 13 00-0011	EA	24" x 36", New Construction, Single Hung Fiberglass Window	386.52	47.25
		For Colored Vinyl, Add	*29.20*	
		For Tinted Glass, Add	*35.04*	
		For Low-E Insulated Glass, Add	*73.01*	
		For Obscure Glass, Add	*80.31*	
08 54 13 00-0012	EA	28" x 36", New Construction, Single Hung Fiberglass Window	406.51	48.26
		For Colored Vinyl, Add	*30.80*	
		For Tinted Glass, Add	*36.96*	
		For Low-E Insulated Glass, Add	*77.00*	
		For Obscure Glass, Add	*84.70*	
08 54 13 00-0013	EA	30" x 36", New Construction, Single Hung Fiberglass Window	414.69	50.26
		For Colored Vinyl, Add	*31.42*	
		For Tinted Glass, Add	*37.70*	
		For Low-E Insulated Glass, Add	*78.54*	
		For Obscure Glass, Add	*86.39*	
08 54 13 00-0014	EA	32" x 36", New Construction, Single Hung Fiberglass Window	423.66	51.27
		For Colored Vinyl, Add	*32.11*	
		For Tinted Glass, Add	*38.53*	
		For Low-E Insulated Glass, Add	*80.28*	
		For Obscure Glass, Add	*88.31*	
08 54 13 00-0015	EA	36" x 36", New Construction, Single Hung Fiberglass Window	447.20	53.28
		For Colored Vinyl, Add	*34.06*	
		For Tinted Glass, Add	*40.88*	
		For Low-E Insulated Glass, Add	*85.16*	
		For Obscure Glass, Add	*93.67*	
08 54 13 00-0016	EA	44" x 36", New Construction, Single Hung Fiberglass Window	484.75	57.30
		For Colored Vinyl, Add	*37.01*	
		For Tinted Glass, Add	*44.42*	
		For Low-E Insulated Glass, Add	*92.54*	
		For Obscure Glass, Add	*101.79*	
08 54 13 00-0017		38" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*		
08 54 13 00-0018	EA	24" x 38", New Construction, Single Hung Fiberglass Window	393.89	48.26
		For Colored Vinyl, Add	*29.74*	
		For Tinted Glass, Add	*35.69*	
		For Low-E Insulated Glass, Add	*74.35*	
		For Obscure Glass, Add	*81.78*	
08 54 13 00-0019	EA	28" x 38", New Construction, Single Hung Fiberglass Window	413.88	50.26
		For Colored Vinyl, Add	*31.34*	
		For Tinted Glass, Add	*37.60*	
		For Low-E Insulated Glass, Add	*78.34*	
		For Obscure Glass, Add	*86.17*	
08 54 13 00-0020	EA	30" x 38", New Construction, Single Hung Fiberglass Window	422.40	51.27
		For Colored Vinyl, Add	*31.99*	
		For Tinted Glass, Add	*38.38*	
		For Low-E Insulated Glass, Add	*79.97*	
		For Obscure Glass, Add	*87.96*	
08 54 13 00-0021	EA	32" x 38", New Construction, Single Hung Fiberglass Window	431.40	52.28
		For Colored Vinyl, Add	*32.69*	
		For Tinted Glass, Add	*39.22*	
		For Low-E Insulated Glass, Add	*81.71*	
		For Obscure Glass, Add	*89.88*	
08 54 13 00-0022	EA	36" x 38", New Construction, Single Hung Fiberglass Window	455.33	54.29
		For Colored Vinyl, Add	*34.68*	
		For Tinted Glass, Add	*41.61*	
		For Low-E Insulated Glass, Add	*86.69*	
		For Obscure Glass, Add	*95.36*	
08 54 13 00-0023	EA	44" x 38", New Construction, Single Hung Fiberglass Window	493.41	58.31
		For Colored Vinyl, Add	*37.68*	
		For Tinted Glass, Add	*45.22*	
		For Low-E Insulated Glass, Add	*94.20*	
		For Obscure Glass, Add	*103.62*	
08 54 13 00-0024		44" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0025	EA	24" x 44", New Construction, Single Hung Fiberglass Window	416.48	51.27
		For Colored Vinyl, Add	*31.39*	
		For Tinted Glass, Add	*37.67*	
		For Low-E Insulated Glass, Add	*78.49*	
		For Obscure Glass, Add	*86.33*	
08 54 13 00-0026	EA	28" x 44", New Construction, Single Hung Fiberglass Window	436.46	53.28
		For Colored Vinyl, Add	*32.99*	
		For Tinted Glass, Add	*39.59*	
		For Low-E Insulated Glass, Add	*82.47*	
		For Obscure Glass, Add	*90.72*	
08 54 13 00-0027	EA	30" x 44", New Construction, Single Hung Fiberglass Window	446.16	54.29
		For Colored Vinyl, Add	*33.76*	
		For Tinted Glass, Add	*40.51*	
		For Low-E Insulated Glass, Add	*84.40*	
		For Obscure Glass, Add	*92.84*	
08 54 13 00-0028	EA	32" x 44", New Construction, Single Hung Fiberglass Window	455.14	55.29
		For Colored Vinyl, Add	*34.46*	
		For Tinted Glass, Add	*41.35*	
		For Low-E Insulated Glass, Add	*86.14*	
		For Obscure Glass, Add	*94.75*	
08 54 13 00-0029	EA	36" x 44", New Construction, Single Hung Fiberglass Window	480.26	57.30
		For Colored Vinyl, Add	*36.57*	
		For Tinted Glass, Add	*43.88*	
		For Low-E Insulated Glass, Add	*91.41*	
		For Obscure Glass, Add	*100.55*	
08 54 13 00-0030	EA	44" x 44", New Construction, Single Hung Fiberglass Window	519.82	61.33
		For Colored Vinyl, Add	*39.72*	
		For Tinted Glass, Add	*47.66*	
		For Low-E Insulated Glass, Add	*99.29*	
		For Obscure Glass, Add	*109.22*	
08 54 13 00-0031		**46" Height, New Construction, Single Hung Fiberglass Windows** *(08 54 13 00-0002)*		
08 54 13 00-0032	EA	24" x 46", New Construction, Single Hung Fiberglass Window	424.10	52.28
		For Colored Vinyl, Add	*31.96*	
		For Tinted Glass, Add	*38.35*	
		For Low-E Insulated Glass, Add	*79.89*	
		For Obscure Glass, Add	*87.88*	
08 54 13 00-0033	EA	28" x 46", New Construction, Single Hung Fiberglass Window	444.09	54.29
		For Colored Vinyl, Add	*33.55*	
		For Tinted Glass, Add	*40.26*	
		For Low-E Insulated Glass, Add	*83.88*	
		For Obscure Glass, Add	*92.27*	
08 54 13 00-0034	EA	30" x 46", New Construction, Single Hung Fiberglass Window	454.15	55.29
		For Colored Vinyl, Add	*34.36*	
		For Tinted Glass, Add	*41.23*	
		For Low-E Insulated Glass, Add	*85.89*	
		For Obscure Glass, Add	*94.48*	
08 54 13 00-0035	EA	32" x 46", New Construction, Single Hung Fiberglass Window	463.13	56.30
		For Colored Vinyl, Add	*35.05*	
		For Tinted Glass, Add	*42.06*	
		For Low-E Insulated Glass, Add	*87.64*	
		For Obscure Glass, Add	*96.40*	
08 54 13 00-0036	EA	36" x 46", New Construction, Single Hung Fiberglass Window	488.59	58.31
		For Colored Vinyl, Add	*37.20*	
		For Tinted Glass, Add	*44.64*	
		For Low-E Insulated Glass, Add	*93.00*	
		For Obscure Glass, Add	*102.29*	
08 54 13 00-0037	EA	44" x 46", New Construction, Single Hung Fiberglass Window	528.72	62.33
		For Colored Vinyl, Add	*40.41*	
		For Tinted Glass, Add	*48.49*	
		For Low-E Insulated Glass, Add	*101.02*	
		For Obscure Glass, Add	*111.12*	
08 54 13 00-0038		**48" Height, New Construction, Single Hung Fiberglass Windows** *(08 54 13 00-0002)*		
08 54 13 00-0039	EA	24" x 48", New Construction, Single Hung Fiberglass Window	431.84	53.28
		For Colored Vinyl, Add	*32.53*	
		For Tinted Glass, Add	*39.03*	
		For Low-E Insulated Glass, Add	*81.32*	
		For Obscure Glass, Add	*89.45*	
08 54 13 00-0040	EA	28" x 48", New Construction, Single Hung Fiberglass Window	451.81	55.29
		For Colored Vinyl, Add	*34.12*	
		For Tinted Glass, Add	*40.95*	
		For Low-E Insulated Glass, Add	*85.31*	
		For Obscure Glass, Add	*93.84*	
08 54 13 00-0041	EA	30" x 48", New Construction, Single Hung Fiberglass Window	462.23	56.30
		For Colored Vinyl, Add	*34.96*	
		For Tinted Glass, Add	*41.96*	
		For Low-E Insulated Glass, Add	*87.41*	
		For Obscure Glass, Add	*96.15*	
08 54 13 00-0042	EA	32" x 48", New Construction, Single Hung Fiberglass Window	471.21	57.30
		For Colored Vinyl, Add	*35.66*	
		For Tinted Glass, Add	*42.79*	
		For Low-E Insulated Glass, Add	*89.15*	
		For Obscure Glass, Add	*98.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0043	EA	36" x 48", New Construction, Single Hung Fiberglass Window	497.10	59.31
		For Colored Vinyl, Add	*37.85*	
		For Tinted Glass, Add	*45.42*	
		For Low-E Insulated Glass, Add	*94.62*	
		For Obscure Glass, Add	*104.08*	
08 54 13 00-0044	EA	44" x 48", New Construction, Single Hung Fiberglass Window	537.69	63.33
		For Colored Vinyl, Add	*41.10*	
		For Tinted Glass, Add	*49.32*	
		For Low-E Insulated Glass, Add	*102.76*	
		For Obscure Glass, Add	*113.03*	
08 54 13 00-0045		50" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*		
08 54 13 00-0046	EA	24" x 50", New Construction, Single Hung Fiberglass Window	439.18	54.29
		For Colored Vinyl, Add	*33.06*	
		For Tinted Glass, Add	*39.67*	
		For Low-E Insulated Glass, Add	*82.65*	
		For Obscure Glass, Add	*90.92*	
08 54 13 00-0047	EA	28" x 50", New Construction, Single Hung Fiberglass Window	459.17	56.30
		For Colored Vinyl, Add	*34.66*	
		For Tinted Glass, Add	*41.59*	
		For Low-E Insulated Glass, Add	*86.65*	
		For Obscure Glass, Add	*95.31*	
08 54 13 00-0048	EA	30" x 50", New Construction, Single Hung Fiberglass Window	469.99	57.30
		For Colored Vinyl, Add	*35.54*	
		For Tinted Glass, Add	*42.65*	
		For Low-E Insulated Glass, Add	*88.85*	
		For Obscure Glass, Add	*97.73*	
08 54 13 00-0049	EA	32" x 50", New Construction, Single Hung Fiberglass Window	478.98	58.31
		For Colored Vinyl, Add	*36.24*	
		For Tinted Glass, Add	*43.48*	
		For Low-E Insulated Glass, Add	*90.59*	
		For Obscure Glass, Add	*99.65*	
08 54 13 00-0050	EA	36" x 50", New Construction, Single Hung Fiberglass Window	505.20	60.32
		For Colored Vinyl, Add	*38.46*	
		For Tinted Glass, Add	*46.15*	
		For Low-E Insulated Glass, Add	*96.14*	
		For Obscure Glass, Add	*105.76*	
08 54 13 00-0051	EA	44" x 50", New Construction, Single Hung Fiberglass Window	546.30	64.34
		For Colored Vinyl, Add	*41.76*	
		For Tinted Glass, Add	*50.11*	
		For Low-E Insulated Glass, Add	*104.41*	
		For Obscure Glass, Add	*114.85*	
08 54 13 00-0052		52" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*		
08 54 13 00-0053	EA	24" x 52", New Construction, Single Hung Fiberglass Window	446.60	55.29
		For Colored Vinyl, Add	*33.60*	
		For Tinted Glass, Add	*40.32*	
		For Low-E Insulated Glass, Add	*84.00*	
		For Obscure Glass, Add	*92.40*	
08 54 13 00-0054	EA	28" x 52", New Construction, Single Hung Fiberglass Window	466.59	57.30
		For Colored Vinyl, Add	*35.20*	
		For Tinted Glass, Add	*42.24*	
		For Low-E Insulated Glass, Add	*88.00*	
		For Obscure Glass, Add	*96.79*	
08 54 13 00-0055	EA	30" x 52", New Construction, Single Hung Fiberglass Window	477.80	58.31
		For Colored Vinyl, Add	*36.12*	
		For Tinted Glass, Add	*43.34*	
		For Low-E Insulated Glass, Add	*90.30*	
		For Obscure Glass, Add	*99.33*	
08 54 13 00-0056	EA	32" x 52", New Construction, Single Hung Fiberglass Window	486.78	59.31
		For Colored Vinyl, Add	*36.82*	
		For Tinted Glass, Add	*44.18*	
		For Low-E Insulated Glass, Add	*92.04*	
		For Obscure Glass, Add	*101.24*	
08 54 13 00-0057	EA	36" x 52", New Construction, Single Hung Fiberglass Window	513.44	61.33
		For Colored Vinyl, Add	*39.08*	
		For Tinted Glass, Add	*46.89*	
		For Low-E Insulated Glass, Add	*97.70*	
		For Obscure Glass, Add	*107.47*	
08 54 13 00-0058	EA	44" x 52", New Construction, Single Hung Fiberglass Window	555.02	65.35
		For Colored Vinyl, Add	*42.43*	
		For Tinted Glass, Add	*50.92*	
		For Low-E Insulated Glass, Add	*106.08*	
		For Obscure Glass, Add	*116.69*	
08 54 13 00-0059		54" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*		
08 54 13 00-0060	EA	24" x 54", New Construction, Single Hung Fiberglass Window	453.99	56.30
		For Colored Vinyl, Add	*34.14*	
		For Tinted Glass, Add	*40.97*	
		For Low-E Insulated Glass, Add	*85.35*	
		For Obscure Glass, Add	*93.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0061	EA	28" x 54", New Construction, Single Hung Fiberglass Window	473.98	58.31
		For Colored Vinyl, Add	*35.74*	
		For Tinted Glass, Add	*42.88*	
		For Low-E Insulated Glass, Add	*89.34*	
		For Obscure Glass, Add	*98.28*	
08 54 13 00-0062	EA	30" x 54", New Construction, Single Hung Fiberglass Window	485.57	59.31
		For Colored Vinyl, Add	*36.69*	
		For Tinted Glass, Add	*44.03*	
		For Low-E Insulated Glass, Add	*91.74*	
		For Obscure Glass, Add	*100.91*	
08 54 13 00-0063	EA	32" x 54", New Construction, Single Hung Fiberglass Window	494.55	60.32
		For Colored Vinyl, Add	*37.39*	
		For Tinted Glass, Add	*44.87*	
		For Low-E Insulated Glass, Add	*93.48*	
		For Obscure Glass, Add	*102.83*	
08 54 13 00-0064	EA	36" x 54", New Construction, Single Hung Fiberglass Window	521.56	62.33
		For Colored Vinyl, Add	*39.69*	
		For Tinted Glass, Add	*47.63*	
		For Low-E Insulated Glass, Add	*99.23*	
		For Obscure Glass, Add	*109.15*	
08 54 13 00-0065	EA	44" x 54", New Construction, Single Hung Fiberglass Window	563.63	66.35
		For Colored Vinyl, Add	*43.09*	
		For Tinted Glass, Add	*51.71*	
		For Low-E Insulated Glass, Add	*107.73*	
		For Obscure Glass, Add	*118.51*	
08 54 13 00-0066		60" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*		
08 54 13 00-0067	EA	24" x 60", New Construction, Single Hung Fiberglass Window	476.90	59.31
		For Colored Vinyl, Add	*35.83*	
		For Tinted Glass, Add	*42.99*	
		For Low-E Insulated Glass, Add	*89.57*	
		For Obscure Glass, Add	*98.52*	
08 54 13 00-0068	EA	28" x 60", New Construction, Single Hung Fiberglass Window	496.89	61.33
		For Colored Vinyl, Add	*37.42*	
		For Tinted Glass, Add	*44.91*	
		For Low-E Insulated Glass, Add	*93.56*	
		For Obscure Glass, Add	*102.92*	
08 54 13 00-0069	EA	30" x 60", New Construction, Single Hung Fiberglass Window	509.55	62.33
		For Colored Vinyl, Add	*38.49*	
		For Tinted Glass, Add	*46.19*	
		For Low-E Insulated Glass, Add	*96.22*	
		For Obscure Glass, Add	*105.84*	
08 54 13 00-0070	EA	32" x 60", New Construction, Single Hung Fiberglass Window	518.54	63.33
		For Colored Vinyl, Add	*39.19*	
		For Tinted Glass, Add	*47.02*	
		For Low-E Insulated Glass, Add	*97.97*	
		For Obscure Glass, Add	*107.76*	
08 54 13 00-0071	EA	36" x 60", New Construction, Single Hung Fiberglass Window	546.71	65.35
		For Colored Vinyl, Add	*41.60*	
		For Tinted Glass, Add	*49.92*	
		For Low-E Insulated Glass, Add	*104.01*	
		For Obscure Glass, Add	*114.41*	
08 54 13 00-0072	EA	44" x 60", New Construction, Single Hung Fiberglass Window	590.31	69.37
		For Colored Vinyl, Add	*45.16*	
		For Tinted Glass, Add	*54.19*	
		For Low-E Insulated Glass, Add	*112.90*	
		For Obscure Glass, Add	*124.18*	
08 54 13 00-0073		62" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*		
08 54 13 00-0074	EA	24" x 62", New Construction, Single Hung Fiberglass Window	484.30	60.32
		For Colored Vinyl, Add	*36.37*	
		For Tinted Glass, Add	*43.64*	
		For Low-E Insulated Glass, Add	*90.92*	
		For Obscure Glass, Add	*100.01*	
08 54 13 00-0075	EA	28" x 62", New Construction, Single Hung Fiberglass Window	504.28	62.33
		For Colored Vinyl, Add	*37.96*	
		For Tinted Glass, Add	*45.55*	
		For Low-E Insulated Glass, Add	*94.91*	
		For Obscure Glass, Add	*104.40*	
08 54 13 00-0076	EA	30" x 62", New Construction, Single Hung Fiberglass Window	517.42	63.33
		For Colored Vinyl, Add	*39.08*	
		For Tinted Glass, Add	*46.89*	
		For Low-E Insulated Glass, Add	*97.69*	
		For Obscure Glass, Add	*107.46*	
08 54 13 00-0077	EA	32" x 62", New Construction, Single Hung Fiberglass Window	526.39	64.34
		For Colored Vinyl, Add	*39.77*	
		For Tinted Glass, Add	*47.73*	
		For Low-E Insulated Glass, Add	*99.43*	
		For Obscure Glass, Add	*109.37*	
08 54 13 00-0078	EA	36" x 62", New Construction, Single Hung Fiberglass Window	554.91	66.35
		For Colored Vinyl, Add	*42.22*	
		For Tinted Glass, Add	*50.67*	
		For Low-E Insulated Glass, Add	*105.55*	
		For Obscure Glass, Add	*116.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0079	EA	44" x 62", New Construction, Single Hung Fiberglass Window	599.07	70.37
		For Colored Vinyl, Add	*45.83*	
		For Tinted Glass, Add	*55.00*	
		For Low-E Insulated Glass, Add	*114.58*	
		For Obscure Glass, Add	*126.04*	
08 54 13 00-0080		66" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*		
08 54 13 00-0081	EA	24" x 66", New Construction, Single Hung Fiberglass Window	499.39	62.33
		For Colored Vinyl, Add	*37.47*	
		For Tinted Glass, Add	*44.97*	
		For Low-E Insulated Glass, Add	*93.68*	
		For Obscure Glass, Add	*103.05*	
08 54 13 00-0082	EA	28" x 66", New Construction, Single Hung Fiberglass Window	519.38	64.34
		For Colored Vinyl, Add	*39.07*	
		For Tinted Glass, Add	*46.88*	
		For Low-E Insulated Glass, Add	*97.68*	
		For Obscure Glass, Add	*107.44*	
08 54 13 00-0083	EA	30" x 66", New Construction, Single Hung Fiberglass Window	533.22	65.35
		For Colored Vinyl, Add	*40.25*	
		For Tinted Glass, Add	*48.30*	
		For Low-E Insulated Glass, Add	*100.63*	
		For Obscure Glass, Add	*110.70*	
08 54 13 00-0084	EA	32" x 66", New Construction, Single Hung Fiberglass Window	542.19	66.35
		For Colored Vinyl, Add	*40.95*	
		For Tinted Glass, Add	*49.14*	
		For Low-E Insulated Glass, Add	*102.37*	
		For Obscure Glass, Add	*112.61*	
08 54 13 00-0085	EA	36" x 66", New Construction, Single Hung Fiberglass Window	571.53	68.36
		For Colored Vinyl, Add	*43.48*	
		For Tinted Glass, Add	*52.18*	
		For Low-E Insulated Glass, Add	*108.70*	
		For Obscure Glass, Add	*119.57*	
08 54 13 00-0086	EA	44" x 66", New Construction, Single Hung Fiberglass Window	616.63	72.38
		For Colored Vinyl, Add	*47.19*	
		For Tinted Glass, Add	*56.62*	
		For Low-E Insulated Glass, Add	*117.97*	
		For Obscure Glass, Add	*129.76*	
08 54 13 00-0087		72" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*		
08 54 13 00-0088	EA	24" x 72", New Construction, Single Hung Fiberglass Window	522.29	65.35
		For Colored Vinyl, Add	*39.16*	
		For Tinted Glass, Add	*46.99*	
		For Low-E Insulated Glass, Add	*97.90*	
		For Obscure Glass, Add	*107.69*	
08 54 13 00-0089	EA	28" x 72", New Construction, Single Hung Fiberglass Window	542.26	67.36
		For Colored Vinyl, Add	*40.76*	
		For Tinted Glass, Add	*48.91*	
		For Low-E Insulated Glass, Add	*101.89*	
		For Obscure Glass, Add	*112.08*	
08 54 13 00-0090	EA	30" x 72", New Construction, Single Hung Fiberglass Window	556.10	68.36
		For Colored Vinyl, Add	*41.94*	
		For Tinted Glass, Add	*50.32*	
		For Low-E Insulated Glass, Add	*104.84*	
		For Obscure Glass, Add	*115.33*	
08 54 13 00-0091	EA	32" x 72", New Construction, Single Hung Fiberglass Window	565.09	69.37
		For Colored Vinyl, Add	*42.64*	
		For Tinted Glass, Add	*51.16*	
		For Low-E Insulated Glass, Add	*106.59*	
		For Obscure Glass, Add	*117.25*	
08 54 13 00-0092	EA	36" x 72", New Construction, Single Hung Fiberglass Window	594.42	71.38
		For Colored Vinyl, Add	*45.17*	
		For Tinted Glass, Add	*54.20*	
		For Low-E Insulated Glass, Add	*112.92*	
		For Obscure Glass, Add	*124.21*	
08 54 13 00-0093	EA	44" x 72", New Construction, Single Hung Fiberglass Window	639.52	75.40
		For Colored Vinyl, Add	*48.87*	
		For Tinted Glass, Add	*58.65*	
		For Low-E Insulated Glass, Add	*122.18*	
		For Obscure Glass, Add	*134.40*	
08 54 13 00-0094		Replacement, Single Hung Fiberglass Windows *(08 54 13 00-0001)* Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 54 13 00-0095	EA	Up To 73" UI, Replacement, Single Hung Fiberglass Window	565.14	52.78
		For Colored Vinyl, Add	*45.96*	
		For Tinted Glass, Add	*55.15*	
		For Low-E Insulated Glass, Add	*114.90*	
		For Obscure Glass, Add	*126.38*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0096	EA	>73" To 83" UI, Replacement, Single Hung Fiberglass Window	619.49	57.80
		For Colored Vinyl, Add	*50.39*	
		For Tinted Glass, Add	*60.47*	
		For Low-E Insulated Glass, Add	*125.97*	
		For Obscure Glass, Add	*138.57*	
08 54 13 00-0097	EA	>83" To 93" UI, Replacement, Single Hung Fiberglass Window	669.34	62.83
		For Colored Vinyl, Add	*54.37*	
		For Tinted Glass, Add	*65.24*	
		For Low-E Insulated Glass, Add	*135.92*	
		For Obscure Glass, Add	*149.51*	
08 54 13 00-0098	EA	>93" To 101" UI, Replacement, Single Hung Fiberglass Window	703.46	67.86
		For Colored Vinyl, Add	*56.77*	
		For Tinted Glass, Add	*68.13*	
		For Low-E Insulated Glass, Add	*141.94*	
		For Obscure Glass, Add	*156.13*	
08 54 13 00-0099	EA	>101" To 110" UI, Replacement, Single Hung Fiberglass Window	739.37	72.89
		For Colored Vinyl, Add	*59.36*	
		For Tinted Glass, Add	*71.23*	
		For Low-E Insulated Glass, Add	*148.40*	
		For Obscure Glass, Add	*163.24*	
08 54 13 00-0100	EA	>110" To 120" UI, Replacement, Single Hung Fiberglass Window	803.38	77.92
		For Colored Vinyl, Add	*64.76*	
		For Tinted Glass, Add	*77.71*	
		For Low-E Insulated Glass, Add	*161.89*	
		For Obscure Glass, Add	*178.08*	
08 54 13 00-0101	UI	>120" UI, Replacement, Single Hung Fiberglass Window	6.72	0.65
		For Colored Vinyl, Add	*0.54*	
		For Tinted Glass, Add	*0.65*	
		For Low-E Insulated Glass, Add	*1.35*	
		For Obscure Glass, Add	*1.49*	

08 54 13 00-0102 Double Hung Fiberglass Windows *(08 54 13)*

08 54 13 00-0103 New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0102)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 54 13 00-0104 34" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*

08 54 13 00-0105	EA	24" x 34", New Construction, Double Hung Fiberglass Window	551.89	46.24
		For Colored Vinyl, Add	*45.94*	
		For Tinted Glass, Add	*55.13*	
		For Low-E Insulated Glass, Add	*114.85*	
		For Obscure Glass, Add	*126.34*	
08 54 13 00-0106	EA	28" x 34", New Construction, Double Hung Fiberglass Window	571.88	48.26
		For Colored Vinyl, Add	*47.54*	
		For Tinted Glass, Add	*57.04*	
		For Low-E Insulated Glass, Add	*118.84*	
		For Obscure Glass, Add	*130.73*	
08 54 13 00-0107	EA	30" x 34", New Construction, Double Hung Fiberglass Window	581.52	49.26
		For Colored Vinyl, Add	*48.30*	
		For Tinted Glass, Add	*57.96*	
		For Low-E Insulated Glass, Add	*120.75*	
		For Obscure Glass, Add	*132.83*	
08 54 13 00-0108	EA	32" x 34", New Construction, Double Hung Fiberglass Window	590.52	50.26
		For Colored Vinyl, Add	*49.00*	
		For Tinted Glass, Add	*58.80*	
		For Low-E Insulated Glass, Add	*122.50*	
		For Obscure Glass, Add	*134.75*	
08 54 13 00-0109	EA	36" x 34", New Construction, Double Hung Fiberglass Window	612.56	52.28
		For Colored Vinyl, Add	*50.80*	
		For Tinted Glass, Add	*60.96*	
		For Low-E Insulated Glass, Add	*127.00*	
		For Obscure Glass, Add	*139.70*	
08 54 13 00-0110	EA	44" x 34", New Construction, Double Hung Fiberglass Window	648.17	56.30
		For Colored Vinyl, Add	*53.56*	
		For Tinted Glass, Add	*64.27*	
		For Low-E Insulated Glass, Add	*133.90*	
		For Obscure Glass, Add	*147.28*	

08 54 13 00-0111 36" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*

08 54 13 00-0112	EA	24" x 36", New Construction, Double Hung Fiberglass Window	559.53	47.25
		For Colored Vinyl, Add	*46.50*	
		For Tinted Glass, Add	*55.80*	
		For Low-E Insulated Glass, Add	*116.26*	
		For Obscure Glass, Add	*127.88*	
08 54 13 00-0113	EA	28" x 36", New Construction, Double Hung Fiberglass Window	579.52	49.26
		For Colored Vinyl, Add	*48.10*	
		For Tinted Glass, Add	*57.72*	
		For Low-E Insulated Glass, Add	*120.25*	
		For Obscure Glass, Add	*132.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0114	EA	30" x 36", New Construction, Double Hung Fiberglass Window	589.17	50.26
		For Colored Vinyl, Add	*48.86*	
		For Tinted Glass, Add	*58.64*	
		For Low-E Insulated Glass, Add	*122.16*	
		For Obscure Glass, Add	*134.38*	
08 54 13 00-0115	EA	32" x 36", New Construction, Double Hung Fiberglass Window	598.14	51.27
		For Colored Vinyl, Add	*49.56*	
		For Tinted Glass, Add	*59.47*	
		For Low-E Insulated Glass, Add	*123.90*	
		For Obscure Glass, Add	*136.29*	
08 54 13 00-0116	EA	36" x 36", New Construction, Double Hung Fiberglass Window	620.21	53.28
		For Colored Vinyl, Add	*51.36*	
		For Tinted Glass, Add	*61.64*	
		For Low-E Insulated Glass, Add	*128.41*	
		For Obscure Glass, Add	*141.25*	
08 54 13 00-0117	EA	44" x 36", New Construction, Double Hung Fiberglass Window	655.82	57.30
		For Colored Vinyl, Add	*54.12*	
		For Tinted Glass, Add	*64.95*	
		For Low-E Insulated Glass, Add	*135.30*	
		For Obscure Glass, Add	*148.83*	
08 54 13 00-0118		38" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		
08 54 13 00-0119	EA	24" x 38", New Construction, Double Hung Fiberglass Window	566.34	48.26
		For Colored Vinyl, Add	*46.98*	
		For Tinted Glass, Add	*56.38*	
		For Low-E Insulated Glass, Add	*117.46*	
		For Obscure Glass, Add	*129.20*	
08 54 13 00-0120	EA	28" x 38", New Construction, Double Hung Fiberglass Window	586.33	50.26
		For Colored Vinyl, Add	*48.58*	
		For Tinted Glass, Add	*58.30*	
		For Low-E Insulated Glass, Add	*121.45*	
		For Obscure Glass, Add	*133.60*	
08 54 13 00-0121	EA	30" x 38", New Construction, Double Hung Fiberglass Window	596.31	51.27
		For Colored Vinyl, Add	*49.38*	
		For Tinted Glass, Add	*59.25*	
		For Low-E Insulated Glass, Add	*123.44*	
		For Obscure Glass, Add	*135.79*	
08 54 13 00-0122	EA	32" x 38", New Construction, Double Hung Fiberglass Window	605.28	52.28
		For Colored Vinyl, Add	*50.07*	
		For Tinted Glass, Add	*60.09*	
		For Low-E Insulated Glass, Add	*125.18*	
		For Obscure Glass, Add	*137.70*	
08 54 13 00-0123	EA	36" x 38", New Construction, Double Hung Fiberglass Window	627.79	54.29
		For Colored Vinyl, Add	*51.92*	
		For Tinted Glass, Add	*62.31*	
		For Low-E Insulated Glass, Add	*129.81*	
		For Obscure Glass, Add	*142.79*	
08 54 13 00-0124	EA	44" x 38", New Construction, Double Hung Fiberglass Window	663.83	58.31
		For Colored Vinyl, Add	*54.72*	
		For Tinted Glass, Add	*65.67*	
		For Low-E Insulated Glass, Add	*136.81*	
		For Obscure Glass, Add	*150.49*	
08 54 13 00-0125		44" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		
08 54 13 00-0126	EA	24" x 44", New Construction, Double Hung Fiberglass Window	589.87	51.27
		For Colored Vinyl, Add	*48.73*	
		For Tinted Glass, Add	*58.48*	
		For Low-E Insulated Glass, Add	*121.83*	
		For Obscure Glass, Add	*134.02*	
08 54 13 00-0127	EA	28" x 44", New Construction, Double Hung Fiberglass Window	609.87	53.28
		For Colored Vinyl, Add	*50.33*	
		For Tinted Glass, Add	*60.40*	
		For Low-E Insulated Glass, Add	*125.83*	
		For Obscure Glass, Add	*138.41*	
08 54 13 00-0128	EA	30" x 44", New Construction, Double Hung Fiberglass Window	617.97	54.29
		For Colored Vinyl, Add	*50.94*	
		For Tinted Glass, Add	*61.13*	
		For Low-E Insulated Glass, Add	*127.35*	
		For Obscure Glass, Add	*140.09*	
08 54 13 00-0129	EA	32" x 44", New Construction, Double Hung Fiberglass Window	626.98	55.29
		For Colored Vinyl, Add	*51.64*	
		For Tinted Glass, Add	*61.97*	
		For Low-E Insulated Glass, Add	*129.10*	
		For Obscure Glass, Add	*142.01*	
08 54 13 00-0130	EA	36" x 44", New Construction, Double Hung Fiberglass Window	650.46	57.30
		For Colored Vinyl, Add	*53.59*	
		For Tinted Glass, Add	*64.30*	
		For Low-E Insulated Glass, Add	*133.96*	
		For Obscure Glass, Add	*147.36*	
08 54 13 00-0131	EA	44" x 44", New Construction, Double Hung Fiberglass Window	688.77	61.33
		For Colored Vinyl, Add	*56.61*	
		For Tinted Glass, Add	*67.93*	
		For Low-E Insulated Glass, Add	*141.53*	
		For Obscure Glass, Add	*155.68*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0132		**46" Height, New Construction, Double Hung Fiberglass Windows** *(08 54 13 00-0103)*		
08 54 13 00-0133	EA	24" x 46", New Construction, Double Hung Fiberglass Window	596.65	52.28
		For Colored Vinyl, Add	*49.21*	
		For Tinted Glass, Add	*59.05*	
		For Low-E Insulated Glass, Add	*123.03*	
		For Obscure Glass, Add	*135.33*	
08 54 13 00-0134	EA	28" x 46", New Construction, Double Hung Fiberglass Window	616.62	54.29
		For Colored Vinyl, Add	*50.81*	
		For Tinted Glass, Add	*60.97*	
		For Low-E Insulated Glass, Add	*127.01*	
		For Obscure Glass, Add	*139.71*	
08 54 13 00-0135	EA	30" x 46", New Construction, Double Hung Fiberglass Window	625.26	55.29
		For Colored Vinyl, Add	*51.47*	
		For Tinted Glass, Add	*61.76*	
		For Low-E Insulated Glass, Add	*128.67*	
		For Obscure Glass, Add	*141.53*	
08 54 13 00-0136	EA	32" x 46", New Construction, Double Hung Fiberglass Window	634.22	56.30
		For Colored Vinyl, Add	*52.16*	
		For Tinted Glass, Add	*62.60*	
		For Low-E Insulated Glass, Add	*130.41*	
		For Obscure Glass, Add	*143.45*	
08 54 13 00-0137	EA	36" x 46", New Construction, Double Hung Fiberglass Window	658.04	58.31
		For Colored Vinyl, Add	*54.14*	
		For Tinted Glass, Add	*64.97*	
		For Low-E Insulated Glass, Add	*135.36*	
		For Obscure Glass, Add	*148.89*	
08 54 13 00-0138	EA	44" x 46", New Construction, Double Hung Fiberglass Window	697.69	62.33
		For Colored Vinyl, Add	*57.30*	
		For Tinted Glass, Add	*68.76*	
		For Low-E Insulated Glass, Add	*143.26*	
		For Obscure Glass, Add	*157.58*	
08 54 13 00-0139		**48" Height, New Construction, Double Hung Fiberglass Windows** *(08 54 13 00-0103)*		
08 54 13 00-0140	EA	24" x 48", New Construction, Double Hung Fiberglass Window	603.52	53.28
		For Colored Vinyl, Add	*49.70*	
		For Tinted Glass, Add	*59.63*	
		For Low-E Insulated Glass, Add	*124.24*	
		For Obscure Glass, Add	*136.66*	
08 54 13 00-0141	EA	28" x 48", New Construction, Double Hung Fiberglass Window	623.51	55.29
		For Colored Vinyl, Add	*51.29*	
		For Tinted Glass, Add	*61.55*	
		For Low-E Insulated Glass, Add	*128.23*	
		For Obscure Glass, Add	*141.05*	
08 54 13 00-0142	EA	30" x 48", New Construction, Double Hung Fiberglass Window	632.40	56.30
		For Colored Vinyl, Add	*51.98*	
		For Tinted Glass, Add	*62.38*	
		For Low-E Insulated Glass, Add	*129.95*	
		For Obscure Glass, Add	*142.95*	
08 54 13 00-0143	EA	32" x 48", New Construction, Double Hung Fiberglass Window	641.38	57.30
		For Colored Vinyl, Add	*52.68*	
		For Tinted Glass, Add	*63.21*	
		For Low-E Insulated Glass, Add	*131.69*	
		For Obscure Glass, Add	*144.86*	
08 54 13 00-0144	EA	36" x 48", New Construction, Double Hung Fiberglass Window	665.63	59.31
		For Colored Vinyl, Add	*54.70*	
		For Tinted Glass, Add	*65.64*	
		For Low-E Insulated Glass, Add	*136.75*	
		For Obscure Glass, Add	*150.43*	
08 54 13 00-0145	EA	44" x 48", New Construction, Double Hung Fiberglass Window	706.46	63.33
		For Colored Vinyl, Add	*57.98*	
		For Tinted Glass, Add	*69.57*	
		For Low-E Insulated Glass, Add	*144.95*	
		For Obscure Glass, Add	*159.44*	
08 54 13 00-0146		**50" Height, New Construction, Double Hung Fiberglass Windows** *(08 54 13 00-0103)*		
08 54 13 00-0147	EA	24" x 50", New Construction, Double Hung Fiberglass Window	610.29	54.29
		For Colored Vinyl, Add	*50.17*	
		For Tinted Glass, Add	*60.21*	
		For Low-E Insulated Glass, Add	*125.43*	
		For Obscure Glass, Add	*137.97*	
08 54 13 00-0148	EA	28" x 50", New Construction, Double Hung Fiberglass Window	630.28	56.30
		For Colored Vinyl, Add	*51.77*	
		For Tinted Glass, Add	*62.12*	
		For Low-E Insulated Glass, Add	*129.42*	
		For Obscure Glass, Add	*142.36*	
08 54 13 00-0149	EA	30" x 50", New Construction, Double Hung Fiberglass Window	639.62	57.30
		For Colored Vinyl, Add	*52.50*	
		For Tinted Glass, Add	*63.00*	
		For Low-E Insulated Glass, Add	*131.25*	
		For Obscure Glass, Add	*144.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0150	EA	32" x 50", New Construction, Double Hung Fiberglass Window	648.60	58.31
		For Colored Vinyl, Add	*53.20*	
		For Tinted Glass, Add	*63.84*	
		For Low-E Insulated Glass, Add	*133.00*	
		For Obscure Glass, Add	*146.30*	
08 54 13 00-0151	EA	36" x 50", New Construction, Double Hung Fiberglass Window	673.21	60.32
		For Colored Vinyl, Add	*55.26*	
		For Tinted Glass, Add	*66.31*	
		For Low-E Insulated Glass, Add	*138.15*	
		For Obscure Glass, Add	*151.96*	
08 54 13 00-0152	EA	44" x 50", New Construction, Double Hung Fiberglass Window	715.34	64.34
		For Colored Vinyl, Add	*58.67*	
		For Tinted Glass, Add	*70.40*	
		For Low-E Insulated Glass, Add	*146.67*	
		For Obscure Glass, Add	*161.33*	
08 54 13 00-0153		52" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		
08 54 13 00-0154	EA	24" x 52", New Construction, Double Hung Fiberglass Window	617.13	55.29
		For Colored Vinyl, Add	*50.65*	
		For Tinted Glass, Add	*60.78*	
		For Low-E Insulated Glass, Add	*126.64*	
		For Obscure Glass, Add	*139.30*	
08 54 13 00-0155	EA	28" x 52", New Construction, Double Hung Fiberglass Window	637.10	57.30
		For Colored Vinyl, Add	*52.25*	
		For Tinted Glass, Add	*62.70*	
		For Low-E Insulated Glass, Add	*130.62*	
		For Obscure Glass, Add	*143.68*	
08 54 13 00-0156	EA	30" x 52", New Construction, Double Hung Fiberglass Window	646.76	58.31
		For Colored Vinyl, Add	*53.02*	
		For Tinted Glass, Add	*63.62*	
		For Low-E Insulated Glass, Add	*132.54*	
		For Obscure Glass, Add	*145.79*	
08 54 13 00-0157	EA	32" x 52", New Construction, Double Hung Fiberglass Window	655.74	59.31
		For Colored Vinyl, Add	*53.71*	
		For Tinted Glass, Add	*64.45*	
		For Low-E Insulated Glass, Add	*134.28*	
		For Obscure Glass, Add	*147.71*	
08 54 13 00-0158	EA	36" x 52", New Construction, Double Hung Fiberglass Window	681.56	61.33
		For Colored Vinyl, Add	*55.89*	
		For Tinted Glass, Add	*67.07*	
		For Low-E Insulated Glass, Add	*139.73*	
		For Obscure Glass, Add	*153.70*	
08 54 13 00-0159	EA	44" x 52", New Construction, Double Hung Fiberglass Window	724.06	65.35
		For Colored Vinyl, Add	*59.34*	
		For Tinted Glass, Add	*71.20*	
		For Low-E Insulated Glass, Add	*148.34*	
		For Obscure Glass, Add	*163.18*	
08 54 13 00-0160		54" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		
08 54 13 00-0161	EA	24" x 54", New Construction, Double Hung Fiberglass Window	623.97	56.30
		For Colored Vinyl, Add	*51.14*	
		For Tinted Glass, Add	*61.37*	
		For Low-E Insulated Glass, Add	*127.85*	
		For Obscure Glass, Add	*140.63*	
08 54 13 00-0162	EA	28" x 54", New Construction, Double Hung Fiberglass Window	643.96	58.31
		For Colored Vinyl, Add	*52.74*	
		For Tinted Glass, Add	*63.28*	
		For Low-E Insulated Glass, Add	*131.84*	
		For Obscure Glass, Add	*145.02*	
08 54 13 00-0163	EA	30" x 54", New Construction, Double Hung Fiberglass Window	654.03	59.31
		For Colored Vinyl, Add	*53.54*	
		For Tinted Glass, Add	*64.25*	
		For Low-E Insulated Glass, Add	*133.85*	
		For Obscure Glass, Add	*147.24*	
08 54 13 00-0164	EA	32" x 54", New Construction, Double Hung Fiberglass Window	663.01	60.32
		For Colored Vinyl, Add	*54.24*	
		For Tinted Glass, Add	*65.09*	
		For Low-E Insulated Glass, Add	*135.60*	
		For Obscure Glass, Add	*149.15*	
08 54 13 00-0165	EA	36" x 54", New Construction, Double Hung Fiberglass Window	689.92	62.33
		For Colored Vinyl, Add	*56.53*	
		For Tinted Glass, Add	*67.83*	
		For Low-E Insulated Glass, Add	*141.32*	
		For Obscure Glass, Add	*155.45*	
08 54 13 00-0166	EA	44" x 54", New Construction, Double Hung Fiberglass Window	732.81	66.35
		For Colored Vinyl, Add	*60.01*	
		For Tinted Glass, Add	*72.01*	
		For Low-E Insulated Glass, Add	*150.03*	
		For Obscure Glass, Add	*165.03*	
08 54 13 00-0167		60" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0168	EA	24" x 60", New Construction, Double Hung Fiberglass Window	644.54	59.31
		For Colored Vinyl, Add	*52.59*	
		For Tinted Glass, Add	*63.11*	
		For Low-E Insulated Glass, Add	*131.48*	
		For Obscure Glass, Add	*144.63*	
08 54 13 00-0169	EA	28" x 60", New Construction, Double Hung Fiberglass Window	664.53	61.33
		For Colored Vinyl, Add	*54.19*	
		For Tinted Glass, Add	*65.03*	
		For Low-E Insulated Glass, Add	*135.47*	
		For Obscure Glass, Add	*149.02*	
08 54 13 00-0170	EA	30" x 60", New Construction, Double Hung Fiberglass Window	677.24	62.33
		For Colored Vinyl, Add	*55.26*	
		For Tinted Glass, Add	*66.31*	
		For Low-E Insulated Glass, Add	*138.15*	
		For Obscure Glass, Add	*151.96*	
08 54 13 00-0171	EA	32" x 60", New Construction, Double Hung Fiberglass Window	686.21	63.33
		For Colored Vinyl, Add	*55.95*	
		For Tinted Glass, Add	*67.14*	
		For Low-E Insulated Glass, Add	*139.89*	
		For Obscure Glass, Add	*153.87*	
08 54 13 00-0172	EA	36" x 60", New Construction, Double Hung Fiberglass Window	714.85	65.35
		For Colored Vinyl, Add	*58.42*	
		For Tinted Glass, Add	*70.10*	
		For Low-E Insulated Glass, Add	*146.04*	
		For Obscure Glass, Add	*160.64*	
08 54 13 00-0173	EA	44" x 60", New Construction, Double Hung Fiberglass Window	759.18	69.37
		For Colored Vinyl, Add	*62.05*	
		For Tinted Glass, Add	*74.45*	
		For Low-E Insulated Glass, Add	*155.11*	
		For Obscure Glass, Add	*170.62*	
08 54 13 00-0174		62" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		
08 54 13 00-0175	EA	24" x 62", New Construction, Double Hung Fiberglass Window	651.36	60.32
		For Colored Vinyl, Add	*53.07*	
		For Tinted Glass, Add	*63.69*	
		For Low-E Insulated Glass, Add	*132.68*	
		For Obscure Glass, Add	*145.95*	
08 54 13 00-0176	EA	28" x 62", New Construction, Double Hung Fiberglass Window	671.34	62.33
		For Colored Vinyl, Add	*54.67*	
		For Tinted Glass, Add	*65.60*	
		For Low-E Insulated Glass, Add	*136.67*	
		For Obscure Glass, Add	*150.34*	
08 54 13 00-0177	EA	30" x 62", New Construction, Double Hung Fiberglass Window	685.15	63.33
		For Colored Vinyl, Add	*55.85*	
		For Tinted Glass, Add	*67.02*	
		For Low-E Insulated Glass, Add	*139.62*	
		For Obscure Glass, Add	*153.58*	
08 54 13 00-0178	EA	32" x 62", New Construction, Double Hung Fiberglass Window	694.12	64.34
		For Colored Vinyl, Add	*56.54*	
		For Tinted Glass, Add	*67.85*	
		For Low-E Insulated Glass, Add	*141.36*	
		For Obscure Glass, Add	*155.50*	
08 54 13 00-0179	EA	36" x 62", New Construction, Double Hung Fiberglass Window	723.10	66.35
		For Colored Vinyl, Add	*59.04*	
		For Tinted Glass, Add	*70.85*	
		For Low-E Insulated Glass, Add	*147.60*	
		For Obscure Glass, Add	*162.36*	
08 54 13 00-0180	EA	44" x 62", New Construction, Double Hung Fiberglass Window	768.83	70.37
		For Colored Vinyl, Add	*62.81*	
		For Tinted Glass, Add	*75.37*	
		For Low-E Insulated Glass, Add	*157.02*	
		For Obscure Glass, Add	*172.72*	
08 54 13 00-0181		66" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		
08 54 13 00-0182	EA	24" x 66", New Construction, Double Hung Fiberglass Window	666.63	62.33
		For Colored Vinyl, Add	*54.20*	
		For Tinted Glass, Add	*65.04*	
		For Low-E Insulated Glass, Add	*135.49*	
		For Obscure Glass, Add	*149.04*	
08 54 13 00-0183	EA	28" x 66", New Construction, Double Hung Fiberglass Window	686.62	64.34
		For Colored Vinyl, Add	*55.79*	
		For Tinted Glass, Add	*66.95*	
		For Low-E Insulated Glass, Add	*139.49*	
		For Obscure Glass, Add	*153.43*	
08 54 13 00-0184	EA	30" x 66", New Construction, Double Hung Fiberglass Window	701.00	65.35
		For Colored Vinyl, Add	*57.03*	
		For Tinted Glass, Add	*68.44*	
		For Low-E Insulated Glass, Add	*142.58*	
		For Obscure Glass, Add	*156.84*	
08 54 13 00-0185	EA	32" x 66", New Construction, Double Hung Fiberglass Window	709.97	66.35
		For Colored Vinyl, Add	*57.73*	
		For Tinted Glass, Add	*69.27*	
		For Low-E Insulated Glass, Add	*144.32*	
		For Obscure Glass, Add	*158.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0186	EA	36" x 66", New Construction, Double Hung Fiberglass Window	739.81	68.36
		For Colored Vinyl, Add	*60.31*	
		For Tinted Glass, Add	*72.37*	
		For Low-E Insulated Glass, Add	*150.77*	
		For Obscure Glass, Add	*165.85*	
08 54 13 00-0187	EA	44" x 66", New Construction, Double Hung Fiberglass Window	787.42	72.38
		For Colored Vinyl, Add	*64.27*	
		For Tinted Glass, Add	*77.12*	
		For Low-E Insulated Glass, Add	*160.66*	
		For Obscure Glass, Add	*176.73*	

08 54 13 00-0188 72" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*

08 54 13 00-0189	EA	24" x 72", New Construction, Double Hung Fiberglass Window	689.53	65.35
		For Colored Vinyl, Add	*55.88*	
		For Tinted Glass, Add	*67.06*	
		For Low-E Insulated Glass, Add	*139.71*	
		For Obscure Glass, Add	*153.68*	
08 54 13 00-0190	EA	28" x 72", New Construction, Double Hung Fiberglass Window	709.50	67.36
		For Colored Vinyl, Add	*57.48*	
		For Tinted Glass, Add	*68.97*	
		For Low-E Insulated Glass, Add	*143.70*	
		For Obscure Glass, Add	*158.07*	
08 54 13 00-0191	EA	30" x 72", New Construction, Double Hung Fiberglass Window	723.89	68.36
		For Colored Vinyl, Add	*58.72*	
		For Tinted Glass, Add	*70.46*	
		For Low-E Insulated Glass, Add	*146.79*	
		For Obscure Glass, Add	*161.47*	
08 54 13 00-0192	EA	32" x 72", New Construction, Double Hung Fiberglass Window	732.87	69.37
		For Colored Vinyl, Add	*59.41*	
		For Tinted Glass, Add	*71.30*	
		For Low-E Insulated Glass, Add	*148.54*	
		For Obscure Glass, Add	*163.39*	
08 54 13 00-0193	EA	36" x 72", New Construction, Double Hung Fiberglass Window	762.70	71.38
		For Colored Vinyl, Add	*62.00*	
		For Tinted Glass, Add	*74.39*	
		For Low-E Insulated Glass, Add	*154.99*	
		For Obscure Glass, Add	*170.49*	
08 54 13 00-0194	EA	44" x 72", New Construction, Double Hung Fiberglass Window	810.32	75.40
		For Colored Vinyl, Add	*65.95*	
		For Tinted Glass, Add	*79.14*	
		For Low-E Insulated Glass, Add	*164.88*	
		For Obscure Glass, Add	*181.37*	

08 54 13 00-0195 Replacement, Double Hung Fiberglass Windows *(08 54 13 00-0102)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 54 13 00-0196	EA	Up To 73" UI, Replacement, Double Hung Fiberglass Window	680.03	52.78
		For Colored Vinyl, Add	*57.45*	
		For Tinted Glass, Add	*68.94*	
		For Low-E Insulated Glass, Add	*143.62*	
		For Obscure Glass, Add	*157.98*	
08 54 13 00-0197	EA	>73" To 83" UI, Replacement, Double Hung Fiberglass Window	750.13	57.80
		For Colored Vinyl, Add	*63.45*	
		For Tinted Glass, Add	*76.14*	
		For Low-E Insulated Glass, Add	*158.63*	
		For Obscure Glass, Add	*174.49*	
08 54 13 00-0198	EA	>83" To 93" UI, Replacement, Double Hung Fiberglass Window	815.71	62.83
		For Colored Vinyl, Add	*69.01*	
		For Tinted Glass, Add	*82.81*	
		For Low-E Insulated Glass, Add	*172.51*	
		For Obscure Glass, Add	*189.76*	
08 54 13 00-0199	EA	>93" To 101" UI, Replacement, Double Hung Fiberglass Window	862.41	67.86
		For Colored Vinyl, Add	*72.67*	
		For Tinted Glass, Add	*87.20*	
		For Low-E Insulated Glass, Add	*181.67*	
		For Obscure Glass, Add	*199.84*	
08 54 13 00-0200	EA	>101" To 110" UI, Replacement, Double Hung Fiberglass Window	912.49	72.89
		For Colored Vinyl, Add	*76.67*	
		For Tinted Glass, Add	*92.01*	
		For Low-E Insulated Glass, Add	*191.68*	
		For Obscure Glass, Add	*210.85*	
08 54 13 00-0201	EA	>110" To 120" UI, Replacement, Double Hung Fiberglass Window	992.25	77.92
		For Colored Vinyl, Add	*83.64*	
		For Tinted Glass, Add	*100.37*	
		For Low-E Insulated Glass, Add	*209.11*	
		For Obscure Glass, Add	*230.02*	
08 54 13 00-0202	UI	>120" UI, Replacement, Double Hung Fiberglass Window	8.27	0.65
		For Colored Vinyl, Add	*0.70*	
		For Tinted Glass, Add	*0.84*	
		For Low-E Insulated Glass, Add	*1.74*	
		For Obscure Glass, Add	*1.91*	

08 54 13 00-0203 Casement Fiberglass Windows *(08 54 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0204		New Construction, Casement Fiberglass Windows *(08 54 13 00-0203)* Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 54 13 00-0205		One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0204)*		
08 54 13 00-0206		24" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*		
08 54 13 00-0207	EA	17" x 24", One Operating Sash, New Construction, Casement Fiberglass Window	508.27	38.20
		For Colored Vinyl, Add	*43.29*	
		For Tinted Glass, Add	*51.94*	
		For Low-E Insulated Glass, Add	*108.22*	
		For Obscure Glass, Add	*119.04*	
08 54 13 00-0208	EA	20" x 24", One Operating Sash, New Construction, Casement Fiberglass Window	525.89	39.21
		For Colored Vinyl, Add	*44.75*	
		For Tinted Glass, Add	*53.70*	
		For Low-E Insulated Glass, Add	*111.87*	
		For Obscure Glass, Add	*123.06*	
08 54 13 00-0209	EA	24" x 24", One Operating Sash, New Construction, Casement Fiberglass Window	544.54	41.22
		For Colored Vinyl, Add	*46.21*	
		For Tinted Glass, Add	*55.45*	
		For Low-E Insulated Glass, Add	*115.53*	
		For Obscure Glass, Add	*127.08*	
08 54 13 00-0210	EA	28" x 24", One Operating Sash, New Construction, Casement Fiberglass Window	579.29	43.23
		For Colored Vinyl, Add	*49.28*	
		For Tinted Glass, Add	*59.14*	
		For Low-E Insulated Glass, Add	*123.21*	
		For Obscure Glass, Add	*135.53*	
08 54 13 00-0211		28" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*		
08 54 13 00-0212	EA	17" x 28", One Operating Sash, New Construction, Casement Fiberglass Window	539.50	40.21
		For Colored Vinyl, Add	*46.01*	
		For Tinted Glass, Add	*55.21*	
		For Low-E Insulated Glass, Add	*115.02*	
		For Obscure Glass, Add	*126.52*	
08 54 13 00-0213	EA	20" x 28", One Operating Sash, New Construction, Casement Fiberglass Window	558.80	41.22
		For Colored Vinyl, Add	*47.64*	
		For Tinted Glass, Add	*57.16*	
		For Low-E Insulated Glass, Add	*119.09*	
		For Obscure Glass, Add	*131.00*	
08 54 13 00-0214	EA	24" x 28", One Operating Sash, New Construction, Casement Fiberglass Window	579.06	43.23
		For Colored Vinyl, Add	*49.26*	
		For Tinted Glass, Add	*59.11*	
		For Low-E Insulated Glass, Add	*123.15*	
		For Obscure Glass, Add	*135.47*	
08 54 13 00-0215	EA	28" x 28", One Operating Sash, New Construction, Casement Fiberglass Window	615.76	45.24
		For Colored Vinyl, Add	*52.53*	
		For Tinted Glass, Add	*63.03*	
		For Low-E Insulated Glass, Add	*131.32*	
		For Obscure Glass, Add	*144.45*	
08 54 13 00-0216		36" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*		
08 54 13 00-0217	EA	17" x 36", One Operating Sash, New Construction, Casement Fiberglass Window	575.77	43.23
		For Colored Vinyl, Add	*48.93*	
		For Tinted Glass, Add	*58.72*	
		For Low-E Insulated Glass, Add	*122.33*	
		For Obscure Glass, Add	*134.56*	
08 54 13 00-0218	EA	20" x 36", One Operating Sash, New Construction, Casement Fiberglass Window	595.88	45.24
		For Colored Vinyl, Add	*50.64*	
		For Tinted Glass, Add	*60.77*	
		For Low-E Insulated Glass, Add	*126.60*	
		For Obscure Glass, Add	*139.26*	
08 54 13 00-0219	EA	24" x 36", One Operating Sash, New Construction, Casement Fiberglass Window	617.03	46.75
		For Colored Vinyl, Add	*52.35*	
		For Tinted Glass, Add	*62.82*	
		For Low-E Insulated Glass, Add	*130.88*	
		For Obscure Glass, Add	*143.97*	
08 54 13 00-0220	EA	28" x 36", One Operating Sash, New Construction, Casement Fiberglass Window	655.33	48.75
		For Colored Vinyl, Add	*55.78*	
		For Tinted Glass, Add	*66.94*	
		For Low-E Insulated Glass, Add	*139.45*	
		For Obscure Glass, Add	*153.40*	
08 54 13 00-0221		40" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0222	EA	17" x 40", One Operating Sash, New Construction, Casement Fiberglass Window	608.99	46.24
		For Colored Vinyl, Add	*51.75*	
		For Tinted Glass, Add	*62.10*	
		For Low-E Insulated Glass, Add	*129.38*	
		For Obscure Glass, Add	*142.32*	
08 54 13 00-0223	EA	20" x 40", One Operating Sash, New Construction, Casement Fiberglass Window	630.26	47.25
		For Colored Vinyl, Add	*53.58*	
		For Tinted Glass, Add	*64.29*	
		For Low-E Insulated Glass, Add	*133.94*	
		For Obscure Glass, Add	*147.33*	
08 54 13 00-0224	EA	24" x 40", One Operating Sash, New Construction, Casement Fiberglass Window	652.54	49.26
		For Colored Vinyl, Add	*55.40*	
		For Tinted Glass, Add	*66.48*	
		For Low-E Insulated Glass, Add	*138.51*	
		For Obscure Glass, Add	*152.36*	
08 54 13 00-0225	EA	28" x 40", One Operating Sash, New Construction, Casement Fiberglass Window	694.07	51.27
		For Colored Vinyl, Add	*59.15*	
		For Tinted Glass, Add	*70.98*	
		For Low-E Insulated Glass, Add	*147.88*	
		For Obscure Glass, Add	*162.67*	
08 54 13 00-0226		48" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*		
08 54 13 00-0227	EA	17" x 48", One Operating Sash, New Construction, Casement Fiberglass Window	645.50	50.26
		For Colored Vinyl, Add	*54.60*	
		For Tinted Glass, Add	*65.52*	
		For Low-E Insulated Glass, Add	*136.50*	
		For Obscure Glass, Add	*150.14*	
08 54 13 00-0228	EA	20" x 48", One Operating Sash, New Construction, Casement Fiberglass Window	667.76	51.27
		For Colored Vinyl, Add	*56.52*	
		For Tinted Glass, Add	*67.83*	
		For Low-E Insulated Glass, Add	*141.31*	
		For Obscure Glass, Add	*155.44*	
08 54 13 00-0229	EA	24" x 48", One Operating Sash, New Construction, Casement Fiberglass Window	691.09	53.28
		For Colored Vinyl, Add	*58.45*	
		For Tinted Glass, Add	*70.14*	
		For Low-E Insulated Glass, Add	*146.13*	
		For Obscure Glass, Add	*160.74*	
08 54 13 00-0230	EA	28" x 48", One Operating Sash, New Construction, Casement Fiberglass Window	736.87	55.29
		For Colored Vinyl, Add	*62.63*	
		For Tinted Glass, Add	*75.15*	
		For Low-E Insulated Glass, Add	*156.57*	
		For Obscure Glass, Add	*172.23*	
08 54 13 00-0231		52" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*		
08 54 13 00-0232	EA	17" x 52", One Operating Sash, New Construction, Casement Fiberglass Window	677.84	52.28
		For Colored Vinyl, Add	*57.43*	
		For Tinted Glass, Add	*68.91*	
		For Low-E Insulated Glass, Add	*143.57*	
		For Obscure Glass, Add	*157.93*	
08 54 13 00-0233	EA	20" x 52", One Operating Sash, New Construction, Casement Fiberglass Window	701.47	53.28
		For Colored Vinyl, Add	*59.49*	
		For Tinted Glass, Add	*71.39*	
		For Low-E Insulated Glass, Add	*148.73*	
		For Obscure Glass, Add	*163.60*	
08 54 13 00-0234	EA	24" x 52", One Operating Sash, New Construction, Casement Fiberglass Window	726.04	55.29
		For Colored Vinyl, Add	*61.55*	
		For Tinted Glass, Add	*73.85*	
		For Low-E Insulated Glass, Add	*153.86*	
		For Obscure Glass, Add	*169.25*	
08 54 13 00-0235	EA	28" x 52", One Operating Sash, New Construction, Casement Fiberglass Window	772.65	57.30
		For Colored Vinyl, Add	*65.80*	
		For Tinted Glass, Add	*78.96*	
		For Low-E Insulated Glass, Add	*164.51*	
		For Obscure Glass, Add	*180.96*	
08 54 13 00-0236		60" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*		
08 54 13 00-0237	EA	17" x 60", One Operating Sash, New Construction, Casement Fiberglass Window	713.22	55.29
		For Colored Vinyl, Add	*60.26*	
		For Tinted Glass, Add	*72.32*	
		For Low-E Insulated Glass, Add	*150.66*	
		For Obscure Glass, Add	*165.72*	
08 54 13 00-0238	EA	20" x 60", One Operating Sash, New Construction, Casement Fiberglass Window	738.12	57.30
		For Colored Vinyl, Add	*62.45*	
		For Tinted Glass, Add	*74.94*	
		For Low-E Insulated Glass, Add	*156.13*	
		For Obscure Glass, Add	*171.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0239	EA	24" x 60", One Operating Sash, New Construction, Casement Fiberglass Window	764.06	58.81
		For Colored Vinyl, Add	*64.64*	
		For Tinted Glass, Add	*77.57*	
		For Low-E Insulated Glass, Add	*161.61*	
		For Obscure Glass, Add	*177.77*	
08 54 13 00-0240	EA	28" x 60", One Operating Sash, New Construction, Casement Fiberglass Window	811.42	60.83
		For Colored Vinyl, Add	*68.98*	
		For Tinted Glass, Add	*82.77*	
		For Low-E Insulated Glass, Add	*172.45*	
		For Obscure Glass, Add	*189.69*	
08 54 13 00-0241		64" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*		
08 54 13 00-0242	EA	17" x 64", One Operating Sash, New Construction, Casement Fiberglass Window	745.90	58.31
		For Colored Vinyl, Add	*63.03*	
		For Tinted Glass, Add	*75.63*	
		For Low-E Insulated Glass, Add	*157.57*	
		For Obscure Glass, Add	*173.33*	
08 54 13 00-0243	EA	20" x 64", One Operating Sash, New Construction, Casement Fiberglass Window	771.49	59.31
		For Colored Vinyl, Add	*65.29*	
		For Tinted Glass, Add	*78.34*	
		For Low-E Insulated Glass, Add	*163.22*	
		For Obscure Glass, Add	*179.54*	
08 54 13 00-0244	EA	24" x 64", One Operating Sash, New Construction, Casement Fiberglass Window	799.20	61.33
		For Colored Vinyl, Add	*67.66*	
		For Tinted Glass, Add	*81.19*	
		For Low-E Insulated Glass, Add	*169.14*	
		For Obscure Glass, Add	*186.05*	
08 54 13 00-0245	EA	28" x 64", One Operating Sash, New Construction, Casement Fiberglass Window	845.46	63.33
		For Colored Vinyl, Add	*71.88*	
		For Tinted Glass, Add	*86.25*	
		For Low-E Insulated Glass, Add	*179.70*	
		For Obscure Glass, Add	*197.67*	
08 54 13 00-0246		72" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*		
08 54 13 00-0247	EA	17" x 72", One Operating Sash, New Construction, Casement Fiberglass Window	785.62	61.33
		For Colored Vinyl, Add	*66.30*	
		For Tinted Glass, Add	*79.56*	
		For Low-E Insulated Glass, Add	*165.74*	
		For Obscure Glass, Add	*182.32*	
08 54 13 00-0248	EA	20" x 72", One Operating Sash, New Construction, Casement Fiberglass Window	812.62	63.33
		For Colored Vinyl, Add	*68.70*	
		For Tinted Glass, Add	*82.44*	
		For Low-E Insulated Glass, Add	*171.74*	
		For Obscure Glass, Add	*188.91*	
08 54 13 00-0249	EA	24" x 72", One Operating Sash, New Construction, Casement Fiberglass Window	839.07	64.85
		For Colored Vinyl, Add	*70.94*	
		For Tinted Glass, Add	*85.13*	
		For Low-E Insulated Glass, Add	*177.35*	
		For Obscure Glass, Add	*195.08*	
08 54 13 00-0250	EA	28" x 72", One Operating Sash, New Construction, Casement Fiberglass Window	884.74	66.85
		For Colored Vinyl, Add	*75.10*	
		For Tinted Glass, Add	*90.12*	
		For Low-E Insulated Glass, Add	*187.76*	
		For Obscure Glass, Add	*206.54*	
08 54 13 00-0251		Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0204)*		
08 54 13 00-0252		36" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*		
08 54 13 00-0253	EA	33" x 36", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,042.35	51.27
		For Colored Vinyl, Add	*93.98*	
		For Tinted Glass, Add	*112.78*	
		For Low-E Insulated Glass, Add	*234.95*	
		For Obscure Glass, Add	*258.45*	
08 54 13 00-0254	EA	40" x 36", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,078.90	55.29
		For Colored Vinyl, Add	*96.93*	
		For Tinted Glass, Add	*116.32*	
		For Low-E Insulated Glass, Add	*242.33*	
		For Obscure Glass, Add	*266.56*	
08 54 13 00-0255	EA	48" x 36", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,116.47	59.31
		For Colored Vinyl, Add	*99.89*	
		For Tinted Glass, Add	*119.86*	
		For Low-E Insulated Glass, Add	*249.71*	
		For Obscure Glass, Add	*274.68*	
08 54 13 00-0256	EA	56" x 36", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,159.56	62.83
		For Colored Vinyl, Add	*103.39*	
		For Tinted Glass, Add	*124.07*	
		For Low-E Insulated Glass, Add	*258.48*	
		For Obscure Glass, Add	*284.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0257		40" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*		
08 54 13 00-0258	EA	33" x 40", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,104.21	53.78
		For Colored Vinyl, Add	*99.66*	
		For Tinted Glass, Add	*119.60*	
		For Low-E Insulated Glass, Add	*249.16*	
		For Obscure Glass, Add	*274.08*	
08 54 13 00-0259	EA	40" x 40", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,143.19	57.30
		For Colored Vinyl, Add	*102.86*	
		For Tinted Glass, Add	*123.43*	
		For Low-E Insulated Glass, Add	*257.15*	
		For Obscure Glass, Add	*282.86*	
08 54 13 00-0260	EA	48" x 40", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,183.19	61.33
		For Colored Vinyl, Add	*106.05*	
		For Tinted Glass, Add	*127.26*	
		For Low-E Insulated Glass, Add	*265.14*	
		For Obscure Glass, Add	*291.65*	
08 54 13 00-0261	EA	56" x 40", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,224.79	65.35
		For Colored Vinyl, Add	*109.41*	
		For Tinted Glass, Add	*131.29*	
		For Low-E Insulated Glass, Add	*273.53*	
		For Obscure Glass, Add	*300.88*	
08 54 13 00-0262		48" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*		
08 54 13 00-0263	EA	33" x 48", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,170.23	57.80
		For Colored Vinyl, Add	*105.46*	
		For Tinted Glass, Add	*126.55*	
		For Low-E Insulated Glass, Add	*263.66*	
		For Obscure Glass, Add	*290.02*	
08 54 13 00-0264	EA	40" x 48", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,210.94	61.33
		For Colored Vinyl, Add	*108.83*	
		For Tinted Glass, Add	*130.59*	
		For Low-E Insulated Glass, Add	*272.07*	
		For Obscure Glass, Add	*299.28*	
08 54 13 00-0265	EA	48" x 48", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,252.72	65.35
		For Colored Vinyl, Add	*112.20*	
		For Tinted Glass, Add	*134.64*	
		For Low-E Insulated Glass, Add	*280.51*	
		For Obscure Glass, Add	*308.56*	
08 54 13 00-0266	EA	56" x 48", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,298.40	69.37
		For Colored Vinyl, Add	*115.97*	
		For Tinted Glass, Add	*139.16*	
		For Low-E Insulated Glass, Add	*289.92*	
		For Obscure Glass, Add	*318.91*	
08 54 13 00-0267		52" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*		
08 54 13 00-0268	EA	33" x 52", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,232.07	59.82
		For Colored Vinyl, Add	*111.24*	
		For Tinted Glass, Add	*133.49*	
		For Low-E Insulated Glass, Add	*278.11*	
		For Obscure Glass, Add	*305.92*	
08 54 13 00-0269	EA	40" x 52", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,275.15	63.33
		For Colored Vinyl, Add	*114.85*	
		For Tinted Glass, Add	*137.82*	
		For Low-E Insulated Glass, Add	*287.12*	
		For Obscure Glass, Add	*315.83*	
08 54 13 00-0270	EA	48" x 52", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,319.20	67.36
		For Colored Vinyl, Add	*118.45*	
		For Tinted Glass, Add	*142.14*	
		For Low-E Insulated Glass, Add	*296.12*	
		For Obscure Glass, Add	*325.73*	
08 54 13 00-0271	EA	56" x 52", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,365.69	71.38
		For Colored Vinyl, Add	*122.29*	
		For Tinted Glass, Add	*146.75*	
		For Low-E Insulated Glass, Add	*305.74*	
		For Obscure Glass, Add	*336.31*	
08 54 13 00-0272		60" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*		
08 54 13 00-0273	EA	33" x 60", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,296.95	63.33
		For Colored Vinyl, Add	*117.03*	
		For Tinted Glass, Add	*140.43*	
		For Low-E Insulated Glass, Add	*292.57*	
		For Obscure Glass, Add	*321.83*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0274	EA	40" x 60", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,342.34	67.36
		For Colored Vinyl, Add	*120.86*	
		For Tinted Glass, Add	*145.04*	
		For Low-E Insulated Glass, Add	*302.16*	
		For Obscure Glass, Add	*332.38*	
08 54 13 00-0275	EA	48" x 60", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,388.69	71.38
		For Colored Vinyl, Add	*124.70*	
		For Tinted Glass, Add	*149.63*	
		For Low-E Insulated Glass, Add	*311.74*	
		For Obscure Glass, Add	*342.91*	
08 54 13 00-0276	EA	56" x 60", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,435.97	74.89
		For Colored Vinyl, Add	*128.62*	
		For Tinted Glass, Add	*154.34*	
		For Low-E Insulated Glass, Add	*321.54*	
		For Obscure Glass, Add	*353.70*	
08 54 13 00-0277		64" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*		
08 54 13 00-0278	EA	33" x 64", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,361.69	65.84
		For Colored Vinyl, Add	*123.00*	
		For Tinted Glass, Add	*147.60*	
		For Low-E Insulated Glass, Add	*307.50*	
		For Obscure Glass, Add	*338.25*	
08 54 13 00-0279	EA	40" x 64", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,407.08	69.37
		For Colored Vinyl, Add	*126.84*	
		For Tinted Glass, Add	*152.20*	
		For Low-E Insulated Glass, Add	*317.09*	
		For Obscure Glass, Add	*348.80*	
08 54 13 00-0280	EA	48" x 64", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,453.25	73.39
		For Colored Vinyl, Add	*130.65*	
		For Tinted Glass, Add	*156.78*	
		For Low-E Insulated Glass, Add	*326.62*	
		For Obscure Glass, Add	*359.28*	
08 54 13 00-0281	EA	56" x 64", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,500.69	77.41
		For Colored Vinyl, Add	*134.59*	
		For Tinted Glass, Add	*161.51*	
		For Low-E Insulated Glass, Add	*336.47*	
		For Obscure Glass, Add	*370.12*	
08 54 13 00-0282		72" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*		
08 54 13 00-0283	EA	33" x 72", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,432.31	69.37
		For Colored Vinyl, Add	*129.36*	
		For Tinted Glass, Add	*155.23*	
		For Low-E Insulated Glass, Add	*323.40*	
		For Obscure Glass, Add	*355.73*	
08 54 13 00-0284	EA	40" x 72", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,477.70	73.39
		For Colored Vinyl, Add	*133.19*	
		For Tinted Glass, Add	*159.83*	
		For Low-E Insulated Glass, Add	*332.98*	
		For Obscure Glass, Add	*366.28*	
08 54 13 00-0285	EA	48" x 72", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,524.11	77.41
		For Colored Vinyl, Add	*137.03*	
		For Tinted Glass, Add	*164.43*	
		For Low-E Insulated Glass, Add	*342.57*	
		For Obscure Glass, Add	*376.83*	
08 54 13 00-0286	EA	56" x 72", Two Operating Sashes, New Construction, Casement Fiberglass Window	1,571.37	80.93
		For Colored Vinyl, Add	*140.95*	
		For Tinted Glass, Add	*169.14*	
		For Low-E Insulated Glass, Add	*352.38*	
		For Obscure Glass, Add	*387.62*	
08 54 13 00-0287		Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0204)*		
08 54 13 00-0288		36" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*		
08 54 13 00-0289	EA	62" x 36", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,284.73	65.35
		For Colored Vinyl, Add	*115.40*	
		For Tinted Glass, Add	*138.48*	
		For Low-E Insulated Glass, Add	*288.51*	
		For Obscure Glass, Add	*317.36*	
08 54 13 00-0290	EA	72" x 36", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,343.40	70.37
		For Colored Vinyl, Add	*120.27*	
		For Tinted Glass, Add	*144.32*	
		For Low-E Insulated Glass, Add	*300.66*	
		For Obscure Glass, Add	*330.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0291	EA	86" x 36", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,449.94	77.92
		For Colored Vinyl, Add	*129.41*	
		For Tinted Glass, Add	*155.29*	
		For Low-E Insulated Glass, Add	*323.53*	
		For Obscure Glass, Add	*355.88*	

08 54 13 00-0292 40" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*

08 54 13 00-0293	EA	62" x 40", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,370.85	68.36
		For Colored Vinyl, Add	*123.51*	
		For Tinted Glass, Add	*148.22*	
		For Low-E Insulated Glass, Add	*308.78*	
		For Obscure Glass, Add	*339.66*	
08 54 13 00-0294	EA	72" x 40", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,430.00	72.89
		For Colored Vinyl, Add	*128.42*	
		For Tinted Glass, Add	*154.11*	
		For Low-E Insulated Glass, Add	*321.06*	
		For Obscure Glass, Add	*353.16*	
08 54 13 00-0295	EA	86" x 40", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,543.10	80.43
		For Colored Vinyl, Add	*138.23*	
		For Tinted Glass, Add	*165.87*	
		For Low-E Insulated Glass, Add	*345.56*	
		For Obscure Glass, Add	*380.12*	

08 54 13 00-0296 48" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*

08 54 13 00-0297	EA	62" x 48", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,449.36	72.38
		For Colored Vinyl, Add	*130.46*	
		For Tinted Glass, Add	*156.55*	
		For Low-E Insulated Glass, Add	*326.15*	
		For Obscure Glass, Add	*358.76*	
08 54 13 00-0298	EA	72" x 48", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,520.80	76.91
		For Colored Vinyl, Add	*136.70*	
		For Tinted Glass, Add	*164.04*	
		For Low-E Insulated Glass, Add	*341.75*	
		For Obscure Glass, Add	*375.92*	
08 54 13 00-0299	EA	86" x 48", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,639.53	84.45
		For Colored Vinyl, Add	*147.06*	
		For Tinted Glass, Add	*176.48*	
		For Low-E Insulated Glass, Add	*367.66*	
		For Obscure Glass, Add	*404.43*	

08 54 13 00-0300 52" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*

08 54 13 00-0301	EA	62" x 52", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,531.67	74.39
		For Colored Vinyl, Add	*138.29*	
		For Tinted Glass, Add	*165.95*	
		For Low-E Insulated Glass, Add	*345.72*	
		For Obscure Glass, Add	*380.29*	
08 54 13 00-0302	EA	72" x 52", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,607.51	79.42
		For Colored Vinyl, Add	*144.87*	
		For Tinted Glass, Add	*173.84*	
		For Low-E Insulated Glass, Add	*362.17*	
		For Obscure Glass, Add	*398.39*	
08 54 13 00-0303	EA	86" x 52", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,744.91	86.46
		For Colored Vinyl, Add	*157.20*	
		For Tinted Glass, Add	*188.64*	
		For Low-E Insulated Glass, Add	*393.00*	
		For Obscure Glass, Add	*432.30*	

08 54 13 00-0304 60" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*

08 54 13 00-0305	EA	62" x 60", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,616.95	77.92
		For Colored Vinyl, Add	*146.11*	
		For Tinted Glass, Add	*175.34*	
		For Low-E Insulated Glass, Add	*365.28*	
		For Obscure Glass, Add	*401.81*	
08 54 13 00-0306	EA	72" x 60", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,696.23	82.93
		For Colored Vinyl, Add	*153.04*	
		For Tinted Glass, Add	*183.64*	
		For Low-E Insulated Glass, Add	*382.59*	
		For Obscure Glass, Add	*420.85*	
08 54 13 00-0307	EA	86" x 60", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,853.30	89.98
		For Colored Vinyl, Add	*167.34*	
		For Tinted Glass, Add	*200.80*	
		For Low-E Insulated Glass, Add	*418.34*	
		For Obscure Glass, Add	*460.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0308		64" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*		
08 54 13 00-0309	EA	62" x 64", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,710.39	80.43
		For Colored Vinyl, Add	*154.95*	
		For Tinted Glass, Add	*185.94*	
		For Low-E Insulated Glass, Add	*387.39*	
		For Obscure Glass, Add	*426.12*	
08 54 13 00-0310	EA	72" x 64", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,789.62	85.45
		For Colored Vinyl, Add	*161.87*	
		For Tinted Glass, Add	*194.25*	
		For Low-E Insulated Glass, Add	*404.68*	
		For Obscure Glass, Add	*445.15*	
08 54 13 00-0311	EA	86" x 64", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,946.68	92.49
		For Colored Vinyl, Add	*176.17*	
		For Tinted Glass, Add	*211.41*	
		For Low-E Insulated Glass, Add	*440.43*	
		For Obscure Glass, Add	*484.47*	
08 54 13 00-0312		72" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*		
08 54 13 00-0313	EA	62" x 72", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,806.03	83.94
		For Colored Vinyl, Add	*163.82*	
		For Tinted Glass, Add	*196.58*	
		For Low-E Insulated Glass, Add	*409.54*	
		For Obscure Glass, Add	*450.49*	
08 54 13 00-0314	EA	72" x 72", Three Operating Sashes, New Construction, Casement Fiberglass Window	1,885.24	88.97
		For Colored Vinyl, Add	*170.73*	
		For Tinted Glass, Add	*204.88*	
		For Low-E Insulated Glass, Add	*426.83*	
		For Obscure Glass, Add	*469.51*	
08 54 13 00-0315	EA	86" x 72", Three Operating Sashes, New Construction, Casement Fiberglass Window	2,042.32	96.00
		For Colored Vinyl, Add	*185.03*	
		For Tinted Glass, Add	*222.04*	
		For Low-E Insulated Glass, Add	*462.58*	
		For Obscure Glass, Add	*508.83*	
08 54 13 00-0316		Replacement, Casement Fiberglass Windows *(08 54 13 00-0203)*		
		Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 54 13 00-0317		One Operating Sash, Replacement, Casement Fiberglass Windows *(08 54 13 00-0316)*		
08 54 13 00-0318	EA	Up To 53" UI, One Operating Sash, Replacement, Casement Fiberglass Window	657.45	42.73
		For Colored Vinyl, Add	*57.20*	
		For Tinted Glass, Add	*68.64*	
		For Low-E Insulated Glass, Add	*143.00*	
		For Obscure Glass, Add	*157.30*	
08 54 13 00-0319	EA	>53 To 63" UI, One Operating Sash, Replacement, Casement Fiberglass Window	747.10	47.76
		For Colored Vinyl, Add	*65.16*	
		For Tinted Glass, Add	*78.19*	
		For Low-E Insulated Glass, Add	*162.90*	
		For Obscure Glass, Add	*179.19*	
08 54 13 00-0320	EA	>63 To 73" UI, One Operating Sash, Replacement, Casement Fiberglass Window	827.77	52.78
		For Colored Vinyl, Add	*72.22*	
		For Tinted Glass, Add	*86.67*	
		For Low-E Insulated Glass, Add	*180.55*	
		For Obscure Glass, Add	*198.61*	
08 54 13 00-0321	EA	>73" To 83" UI, One Operating Sash, Replacement, Casement Fiberglass Window	899.42	57.80
		For Colored Vinyl, Add	*78.38*	
		For Tinted Glass, Add	*94.06*	
		For Low-E Insulated Glass, Add	*195.95*	
		For Obscure Glass, Add	*215.55*	
08 54 13 00-0322	EA	>83" To 93" UI, One Operating Sash, Replacement, Casement Fiberglass Window	962.09	62.83
		For Colored Vinyl, Add	*83.64*	
		For Tinted Glass, Add	*100.37*	
		For Low-E Insulated Glass, Add	*209.11*	
		For Obscure Glass, Add	*230.02*	
08 54 13 00-0323	EA	>93" To 101" UI, One Operating Sash, Replacement, Casement Fiberglass Window	998.68	67.86
		For Colored Vinyl, Add	*86.30*	
		For Tinted Glass, Add	*103.56*	
		For Low-E Insulated Glass, Add	*215.74*	
		For Obscure Glass, Add	*237.31*	
08 54 13 00-0324	UI	>101" UI, One Operating Sash, Replacement, Casement Fiberglass Window	9.85	0.65
		For Colored Vinyl, Add	*0.85*	
		For Tinted Glass, Add	*1.02*	
		For Low-E Insulated Glass, Add	*2.14*	
		For Obscure Glass, Add	*2.35*	
08 54 13 00-0325		Two Operating Sashes, Replacement, Casement Fiberglass Windows *(08 54 13 00-0316)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0326	EA	Up To 73" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	1,106.80	52.78
		For Colored Vinyl, Add	*100.12*	
		For Tinted Glass, Add	*120.15*	
		For Low-E Insulated Glass, Add	*250.31*	
		For Obscure Glass, Add	*275.34*	
08 54 13 00-0327	EA	>73" To 83" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	1,216.67	57.80
		For Colored Vinyl, Add	*110.11*	
		For Tinted Glass, Add	*132.13*	
		For Low-E Insulated Glass, Add	*275.27*	
		For Obscure Glass, Add	*302.79*	
08 54 13 00-0328	EA	>83" To 93" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	1,317.56	62.83
		For Colored Vinyl, Add	*119.19*	
		For Tinted Glass, Add	*143.03*	
		For Low-E Insulated Glass, Add	*297.98*	
		For Obscure Glass, Add	*327.77*	
08 54 13 00-0329	EA	>93" To 101" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	1,384.74	67.86
		For Colored Vinyl, Add	*124.90*	
		For Tinted Glass, Add	*149.88*	
		For Low-E Insulated Glass, Add	*312.26*	
		For Obscure Glass, Add	*343.48*	
08 54 13 00-0330	EA	>101" To 110" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	1,456.62	72.89
		For Colored Vinyl, Add	*131.09*	
		For Tinted Glass, Add	*157.30*	
		For Low-E Insulated Glass, Add	*327.71*	
		For Obscure Glass, Add	*360.48*	
08 54 13 00-0331	EA	>110" To 120" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	1,531.88	77.92
		For Colored Vinyl, Add	*137.61*	
		For Tinted Glass, Add	*165.13*	
		For Low-E Insulated Glass, Add	*344.02*	
		For Obscure Glass, Add	*378.42*	
08 54 13 00-0332	UI	>120" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	12.77	0.65
		For Colored Vinyl, Add	*1.15*	
		For Tinted Glass, Add	*1.38*	
		For Low-E Insulated Glass, Add	*2.87*	
		For Obscure Glass, Add	*3.15*	

08 54 13 00-0333 Three Operating Sashes, Replacement, Casement Fiberglass Windows *(08 54 13 00-0316)*

08 54 13 00-0334	EA	Up To 73" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	1,156.03	52.78
		For Colored Vinyl, Add	*105.05*	
		For Tinted Glass, Add	*126.06*	
		For Low-E Insulated Glass, Add	*262.62*	
		For Obscure Glass, Add	*288.88*	
08 54 13 00-0335	EA	>73" To 83" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	1,271.32	57.80
		For Colored Vinyl, Add	*115.57*	
		For Tinted Glass, Add	*138.69*	
		For Low-E Insulated Glass, Add	*288.93*	
		For Obscure Glass, Add	*317.82*	
08 54 13 00-0336	EA	>83" To 93" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	1,380.29	62.83
		For Colored Vinyl, Add	*125.46*	
		For Tinted Glass, Add	*150.56*	
		For Low-E Insulated Glass, Add	*313.66*	
		For Obscure Glass, Add	*345.02*	
08 54 13 00-0337	EA	>93" To 101" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	1,452.86	67.86
		For Colored Vinyl, Add	*131.71*	
		For Tinted Glass, Add	*158.06*	
		For Low-E Insulated Glass, Add	*329.29*	
		For Obscure Glass, Add	*362.21*	
08 54 13 00-0338	EA	>101" To 110" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	1,530.82	72.89
		For Colored Vinyl, Add	*138.51*	
		For Tinted Glass, Add	*166.21*	
		For Low-E Insulated Glass, Add	*346.26*	
		For Obscure Glass, Add	*380.89*	
08 54 13 00-0339	EA	>110" To 120" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	1,612.83	77.92
		For Colored Vinyl, Add	*145.70*	
		For Tinted Glass, Add	*174.84*	
		For Low-E Insulated Glass, Add	*364.25*	
		For Obscure Glass, Add	*400.68*	
08 54 13 00-0340	UI	>120" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	13.45	0.65
		For Colored Vinyl, Add	*1.21*	
		For Tinted Glass, Add	*1.46*	
		For Low-E Insulated Glass, Add	*3.04*	
		For Obscure Glass, Add	*3.34*	

08 54 13 00-0341 Awning Fiberglass Windows *(08 54 13)*

08 54 13 00-0342 New Construction, Awning Fiberglass Windows *(08 54 13 00-0341)*
Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 54 13 00-0343 Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0342)*

08 54 13 00-0344 17" Height, Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0343)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0345	EA	24" x 17", Venting, New Construction, Awning Fiberglass Window	663.31	41.22
		For Colored Vinyl, Add	*58.09*	
		For Tinted Glass, Add	*69.70*	
		For Low-E Insulated Glass, Add	*145.22*	
		For Obscure Glass, Add	*159.74*	
08 54 13 00-0346	EA	28" x 17", Venting, New Construction, Awning Fiberglass Window	694.32	43.23
		For Colored Vinyl, Add	*60.79*	
		For Tinted Glass, Add	*72.94*	
		For Low-E Insulated Glass, Add	*151.97*	
		For Obscure Glass, Add	*167.16*	
08 54 13 00-0347	EA	36" x 17", Venting, New Construction, Awning Fiberglass Window	741.83	46.75
		For Colored Vinyl, Add	*64.83*	
		For Tinted Glass, Add	*77.80*	
		For Low-E Insulated Glass, Add	*162.08*	
		For Obscure Glass, Add	*178.29*	
08 54 13 00-0348	EA	40" x 17", Venting, New Construction, Awning Fiberglass Window	772.30	49.26
		For Colored Vinyl, Add	*67.38*	
		For Tinted Glass, Add	*80.85*	
		For Low-E Insulated Glass, Add	*168.45*	
		For Obscure Glass, Add	*185.29*	
08 54 13 00-0349	EA	48" x 17", Venting, New Construction, Awning Fiberglass Window	822.34	53.28
		For Colored Vinyl, Add	*71.58*	
		For Tinted Glass, Add	*85.89*	
		For Low-E Insulated Glass, Add	*178.94*	
		For Obscure Glass, Add	*196.84*	

08 54 13 00-0350 20" Height, Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0343)*

08 54 13 00-0351	EA	24" x 20", Venting, New Construction, Awning Fiberglass Window	700.04	43.23
		For Colored Vinyl, Add	*61.46*	
		For Tinted Glass, Add	*73.75*	
		For Low-E Insulated Glass, Add	*153.65*	
		For Obscure Glass, Add	*169.01*	
08 54 13 00-0352	EA	28" x 20", Venting, New Construction, Awning Fiberglass Window	731.04	45.24
		For Colored Vinyl, Add	*64.16*	
		For Tinted Glass, Add	*76.99*	
		For Low-E Insulated Glass, Add	*160.39*	
		For Obscure Glass, Add	*176.43*	
08 54 13 00-0353	EA	36" x 20", Venting, New Construction, Awning Fiberglass Window	782.30	48.26
		For Colored Vinyl, Add	*68.58*	
		For Tinted Glass, Add	*82.29*	
		For Low-E Insulated Glass, Add	*171.45*	
		For Obscure Glass, Add	*188.59*	
08 54 13 00-0354	EA	40" x 20", Venting, New Construction, Awning Fiberglass Window	812.83	51.27
		For Colored Vinyl, Add	*71.13*	
		For Tinted Glass, Add	*85.35*	
		For Low-E Insulated Glass, Add	*177.82*	
		For Obscure Glass, Add	*195.60*	
08 54 13 00-0355	EA	48" x 20", Venting, New Construction, Awning Fiberglass Window	866.54	54.79
		For Colored Vinyl, Add	*75.70*	
		For Tinted Glass, Add	*90.84*	
		For Low-E Insulated Glass, Add	*189.24*	
		For Obscure Glass, Add	*208.16*	

08 54 13 00-0356 24" Height, Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0343)*

08 54 13 00-0357	EA	24" x 24", Venting, New Construction, Awning Fiberglass Window	722.78	45.24
		For Colored Vinyl, Add	*63.33*	
		For Tinted Glass, Add	*76.00*	
		For Low-E Insulated Glass, Add	*158.33*	
		For Obscure Glass, Add	*174.16*	
08 54 13 00-0358	EA	28" x 24", Venting, New Construction, Awning Fiberglass Window	753.79	47.25
		For Colored Vinyl, Add	*66.03*	
		For Tinted Glass, Add	*79.23*	
		For Low-E Insulated Glass, Add	*165.07*	
		For Obscure Glass, Add	*181.58*	
08 54 13 00-0359	EA	36" x 24", Venting, New Construction, Awning Fiberglass Window	806.91	50.26
		For Colored Vinyl, Add	*70.64*	
		For Tinted Glass, Add	*84.77*	
		For Low-E Insulated Glass, Add	*176.60*	
		For Obscure Glass, Add	*194.25*	
08 54 13 00-0360	EA	40" x 24", Venting, New Construction, Awning Fiberglass Window	840.45	53.28
		For Colored Vinyl, Add	*73.49*	
		For Tinted Glass, Add	*88.19*	
		For Low-E Insulated Glass, Add	*183.72*	
		For Obscure Glass, Add	*202.09*	
08 54 13 00-0361	EA	48" x 24", Venting, New Construction, Awning Fiberglass Window	894.94	56.80
		For Colored Vinyl, Add	*78.13*	
		For Tinted Glass, Add	*93.76*	
		For Low-E Insulated Glass, Add	*195.34*	
		For Obscure Glass, Add	*214.87*	

08 54 13 00-0362 28" Height, Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0343)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0363	EA	24" x 28", Venting, New Construction, Awning Fiberglass Window	745.55	47.25
		For Colored Vinyl, Add	*65.21*	
		For Tinted Glass, Add	*78.25*	
		For Low-E Insulated Glass, Add	*163.01*	
		For Obscure Glass, Add	*179.31*	
08 54 13 00-0364	EA	28" x 28", Venting, New Construction, Awning Fiberglass Window	776.55	49.26
		For Colored Vinyl, Add	*67.90*	
		For Tinted Glass, Add	*81.48*	
		For Low-E Insulated Glass, Add	*169.76*	
		For Obscure Glass, Add	*186.73*	
08 54 13 00-0365	EA	36" x 28", Venting, New Construction, Awning Fiberglass Window	831.56	52.28
		For Colored Vinyl, Add	*72.70*	
		For Tinted Glass, Add	*87.24*	
		For Low-E Insulated Glass, Add	*181.75*	
		For Obscure Glass, Add	*199.93*	
08 54 13 00-0366	EA	40" x 28", Venting, New Construction, Awning Fiberglass Window	867.90	55.29
		For Colored Vinyl, Add	*75.83*	
		For Tinted Glass, Add	*91.00*	
		For Low-E Insulated Glass, Add	*189.58*	
		For Obscure Glass, Add	*208.54*	
08 54 13 00-0367	EA	48" x 28", Venting, New Construction, Awning Fiberglass Window	923.33	58.81
		For Colored Vinyl, Add	*80.57*	
		For Tinted Glass, Add	*96.69*	
		For Low-E Insulated Glass, Add	*201.43*	
		For Obscure Glass, Add	*221.57*	

08 54 13 00-0368 36" Height, Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0343)*

08 54 13 00-0369	EA	36" x 36", Venting, New Construction, Awning Fiberglass Window	879.79	55.80
		For Colored Vinyl, Add	*76.82*	
		For Tinted Glass, Add	*92.18*	
		For Low-E Insulated Glass, Add	*192.05*	
		For Obscure Glass, Add	*211.26*	
08 54 13 00-0370	EA	40" x 36", Venting, New Construction, Awning Fiberglass Window	916.17	58.31
		For Colored Vinyl, Add	*79.96*	
		For Tinted Glass, Add	*95.95*	
		For Low-E Insulated Glass, Add	*199.89*	
		For Obscure Glass, Add	*219.88*	
08 54 13 00-0371	EA	48" x 36", Venting, New Construction, Awning Fiberglass Window	975.35	62.33
		For Colored Vinyl, Add	*85.07*	
		For Tinted Glass, Add	*102.08*	
		For Low-E Insulated Glass, Add	*212.67*	
		For Obscure Glass, Add	*233.94*	

08 54 13 00-0372 Replacement, Awning Fiberglass Windows *(08 54 13 00-0341)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 54 13 00-0373	EA	Up To 53" UI, Replacement, Awning Fiberglass Window	693.22	42.73
		For Colored Vinyl, Add	*60.78*	
		For Tinted Glass, Add	*72.93*	
		For Low-E Insulated Glass, Add	*151.94*	
		For Obscure Glass, Add	*167.14*	
08 54 13 00-0374	EA	>53" To 63" UI, Replacement, Awning Fiberglass Window	803.77	47.76
		For Colored Vinyl, Add	*70.83*	
		For Tinted Glass, Add	*84.99*	
		For Low-E Insulated Glass, Add	*177.07*	
		For Obscure Glass, Add	*194.77*	
08 54 13 00-0375	EA	>63" To 73" UI, Replacement, Awning Fiberglass Window	909.82	52.78
		For Colored Vinyl, Add	*80.43*	
		For Tinted Glass, Add	*96.51*	
		For Low-E Insulated Glass, Add	*201.07*	
		For Obscure Glass, Add	*221.17*	
08 54 13 00-0376	EA	>73" To 83" UI, Replacement, Awning Fiberglass Window	1,011.39	57.80
		For Colored Vinyl, Add	*89.58*	
		For Tinted Glass, Add	*107.49*	
		For Low-E Insulated Glass, Add	*223.95*	
		For Obscure Glass, Add	*246.34*	
08 54 13 00-0377	EA	>83" To 93" UI, Replacement, Awning Fiberglass Window	1,108.47	62.83
		For Colored Vinyl, Add	*98.28*	
		For Tinted Glass, Add	*117.94*	
		For Low-E Insulated Glass, Add	*245.70*	
		For Obscure Glass, Add	*270.27*	
08 54 13 00-0378	EA	>93" To 101" UI, Replacement, Awning Fiberglass Window	1,157.63	67.86
		For Colored Vinyl, Add	*102.19*	
		For Tinted Glass, Add	*122.63*	
		For Low-E Insulated Glass, Add	*255.48*	
		For Obscure Glass, Add	*281.03*	
08 54 13 00-0379	UI	>101" UI, Replacement, Awning Fiberglass Window	11.42	0.65
		For Colored Vinyl, Add	*1.01*	
		For Tinted Glass, Add	*1.21*	
		For Low-E Insulated Glass, Add	*2.53*	
		For Obscure Glass, Add	*2.78*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0380		Horizontal Sliding Fiberglass Windows *(08 54 13)*		
08 54 13 00-0381		New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0380)*		
		Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 54 13 00-0382		20" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0383	EA	36" x 20", New Construction, Horizontal Sliding Fiberglass Window	369.00	49.26
		For Colored Vinyl, Add	*27.15*	
		For Tinted Glass, Add	*32.58*	
		For Low-E Insulated Glass, Add	*67.87*	
		For Obscure Glass, Add	*74.66*	
08 54 13 00-0384	EA	48" x 20", New Construction, Horizontal Sliding Fiberglass Window	407.69	55.29
		For Colored Vinyl, Add	*29.81*	
		For Tinted Glass, Add	*35.77*	
		For Low-E Insulated Glass, Add	*74.53*	
		For Obscure Glass, Add	*81.98*	
08 54 13 00-0385	EA	54" x 20", New Construction, Horizontal Sliding Fiberglass Window	427.03	57.80
		For Colored Vinyl, Add	*31.14*	
		For Tinted Glass, Add	*37.37*	
		For Low-E Insulated Glass, Add	*77.86*	
		For Obscure Glass, Add	*85.64*	
08 54 13 00-0386	EA	60" x 20", New Construction, Horizontal Sliding Fiberglass Window	446.37	60.83
		For Colored Vinyl, Add	*32.47*	
		For Tinted Glass, Add	*38.97*	
		For Low-E Insulated Glass, Add	*81.18*	
		For Obscure Glass, Add	*89.30*	
08 54 13 00-0387	EA	64" x 20", New Construction, Horizontal Sliding Fiberglass Window	459.24	63.33
		For Colored Vinyl, Add	*33.36*	
		For Tinted Glass, Add	*40.03*	
		For Low-E Insulated Glass, Add	*83.40*	
		For Obscure Glass, Add	*91.73*	
08 54 13 00-0388	EA	72" x 20", New Construction, Horizontal Sliding Fiberglass Window	485.05	66.85
		For Colored Vinyl, Add	*35.14*	
		For Tinted Glass, Add	*42.16*	
		For Low-E Insulated Glass, Add	*87.84*	
		For Obscure Glass, Add	*96.62*	
08 54 13 00-0389		24" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0390	EA	36" x 24", New Construction, Horizontal Sliding Fiberglass Window	388.00	51.27
		For Colored Vinyl, Add	*28.65*	
		For Tinted Glass, Add	*34.38*	
		For Low-E Insulated Glass, Add	*71.62*	
		For Obscure Glass, Add	*78.78*	
08 54 13 00-0391	EA	48" x 24", New Construction, Horizontal Sliding Fiberglass Window	427.90	57.30
		For Colored Vinyl, Add	*31.43*	
		For Tinted Glass, Add	*37.72*	
		For Low-E Insulated Glass, Add	*78.58*	
		For Obscure Glass, Add	*86.43*	
08 54 13 00-0392	EA	54" x 24", New Construction, Horizontal Sliding Fiberglass Window	447.98	59.82
		For Colored Vinyl, Add	*32.84*	
		For Tinted Glass, Add	*39.40*	
		For Low-E Insulated Glass, Add	*82.09*	
		For Obscure Glass, Add	*90.30*	
08 54 13 00-0393	EA	60" x 24", New Construction, Horizontal Sliding Fiberglass Window	467.82	62.83
		For Colored Vinyl, Add	*34.22*	
		For Tinted Glass, Add	*41.06*	
		For Low-E Insulated Glass, Add	*85.54*	
		For Obscure Glass, Add	*94.09*	
08 54 13 00-0394	EA	64" x 24", New Construction, Horizontal Sliding Fiberglass Window	481.12	65.35
		For Colored Vinyl, Add	*35.14*	
		For Tinted Glass, Add	*42.17*	
		For Low-E Insulated Glass, Add	*87.86*	
		For Obscure Glass, Add	*96.65*	
08 54 13 00-0395	EA	72" x 24", New Construction, Horizontal Sliding Fiberglass Window	507.72	68.87
		For Colored Vinyl, Add	*37.00*	
		For Tinted Glass, Add	*44.40*	
		For Low-E Insulated Glass, Add	*92.50*	
		For Obscure Glass, Add	*101.75*	
08 54 13 00-0396		36" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0397	EA	36" x 36", New Construction, Horizontal Sliding Fiberglass Window	445.38	57.30
		For Colored Vinyl, Add	*33.18*	
		For Tinted Glass, Add	*39.81*	
		For Low-E Insulated Glass, Add	*82.95*	
		For Obscure Glass, Add	*91.24*	
08 54 13 00-0398	EA	48" x 36", New Construction, Horizontal Sliding Fiberglass Window	489.20	63.33
		For Colored Vinyl, Add	*36.35*	
		For Tinted Glass, Add	*43.62*	
		For Low-E Insulated Glass, Add	*90.89*	
		For Obscure Glass, Add	*99.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0399	EA	54" x 36", New Construction, Horizontal Sliding Fiberglass Window	511.14	65.84
		For Colored Vinyl, Add	*37.94*	
		For Tinted Glass, Add	*45.53*	
		For Low-E Insulated Glass, Add	*94.86*	
		For Obscure Glass, Add	*104.35*	
08 54 13 00-0400	EA	60" x 36", New Construction, Horizontal Sliding Fiberglass Window	533.04	68.87
		For Colored Vinyl, Add	*39.53*	
		For Tinted Glass, Add	*47.44*	
		For Low-E Insulated Glass, Add	*98.83*	
		For Obscure Glass, Add	*108.71*	
08 54 13 00-0401	EA	64" x 36", New Construction, Horizontal Sliding Fiberglass Window	547.67	70.37
		For Colored Vinyl, Add	*40.59*	
		For Tinted Glass, Add	*48.71*	
		For Low-E Insulated Glass, Add	*101.48*	
		For Obscure Glass, Add	*111.63*	
08 54 13 00-0402	EA	72" x 36", New Construction, Horizontal Sliding Fiberglass Window	576.92	74.89
		For Colored Vinyl, Add	*42.71*	
		For Tinted Glass, Add	*51.25*	
		For Low-E Insulated Glass, Add	*106.78*	
		For Obscure Glass, Add	*117.46*	
08 54 13 00-0403		42" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0404	EA	36" x 42", New Construction, Horizontal Sliding Fiberglass Window	474.07	60.32
		For Colored Vinyl, Add	*35.44*	
		For Tinted Glass, Add	*42.53*	
		For Low-E Insulated Glass, Add	*88.61*	
		For Obscure Glass, Add	*97.47*	
08 54 13 00-0405	EA	48" x 42", New Construction, Horizontal Sliding Fiberglass Window	519.88	66.35
		For Colored Vinyl, Add	*38.82*	
		For Tinted Glass, Add	*46.58*	
		For Low-E Insulated Glass, Add	*97.05*	
		For Obscure Glass, Add	*106.75*	
08 54 13 00-0406	EA	54" x 42", New Construction, Horizontal Sliding Fiberglass Window	542.79	68.87
		For Colored Vinyl, Add	*40.51*	
		For Tinted Glass, Add	*48.61*	
		For Low-E Insulated Glass, Add	*101.27*	
		For Obscure Glass, Add	*111.39*	
08 54 13 00-0407	EA	60" x 42", New Construction, Horizontal Sliding Fiberglass Window	565.70	71.88
		For Colored Vinyl, Add	*42.19*	
		For Tinted Glass, Add	*50.63*	
		For Low-E Insulated Glass, Add	*105.49*	
		For Obscure Glass, Add	*116.03*	
08 54 13 00-0408	EA	64" x 42", New Construction, Horizontal Sliding Fiberglass Window	580.92	74.39
		For Colored Vinyl, Add	*43.31*	
		For Tinted Glass, Add	*51.98*	
		For Low-E Insulated Glass, Add	*108.29*	
		For Obscure Glass, Add	*119.11*	
08 54 13 00-0409	EA	72" x 42", New Construction, Horizontal Sliding Fiberglass Window	611.50	77.92
		For Colored Vinyl, Add	*45.57*	
		For Tinted Glass, Add	*54.68*	
		For Low-E Insulated Glass, Add	*113.92*	
		For Obscure Glass, Add	*125.31*	
08 54 13 00-0410		44" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0411	EA	36" x 44", New Construction, Horizontal Sliding Fiberglass Window	483.65	61.33
		For Colored Vinyl, Add	*36.20*	
		For Tinted Glass, Add	*43.44*	
		For Low-E Insulated Glass, Add	*90.50*	
		For Obscure Glass, Add	*99.55*	
08 54 13 00-0412	EA	48" x 44", New Construction, Horizontal Sliding Fiberglass Window	530.10	67.36
		For Colored Vinyl, Add	*39.64*	
		For Tinted Glass, Add	*47.57*	
		For Low-E Insulated Glass, Add	*99.10*	
		For Obscure Glass, Add	*109.01*	
08 54 13 00-0413	EA	54" x 44", New Construction, Horizontal Sliding Fiberglass Window	553.33	69.86
		For Colored Vinyl, Add	*41.36*	
		For Tinted Glass, Add	*49.63*	
		For Low-E Insulated Glass, Add	*103.40*	
		For Obscure Glass, Add	*113.74*	
08 54 13 00-0414	EA	60" x 44", New Construction, Horizontal Sliding Fiberglass Window	576.56	72.89
		For Colored Vinyl, Add	*43.08*	
		For Tinted Glass, Add	*51.69*	
		For Low-E Insulated Glass, Add	*107.70*	
		For Obscure Glass, Add	*118.47*	
08 54 13 00-0415	EA	64" x 44", New Construction, Horizontal Sliding Fiberglass Window	592.08	75.40
		For Colored Vinyl, Add	*44.23*	
		For Tinted Glass, Add	*53.07*	
		For Low-E Insulated Glass, Add	*110.57*	
		For Obscure Glass, Add	*121.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0416	EA	72" x 44", New Construction, Horizontal Sliding Fiberglass Window	623.01	78.91
		For Colored Vinyl, Add	*46.52*	
		For Tinted Glass, Add	*55.82*	
		For Low-E Insulated Glass, Add	*116.29*	
		For Obscure Glass, Add	*127.92*	
08 54 13 00-0417		46" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0418	EA	36" x 46", New Construction, Horizontal Sliding Fiberglass Window	493.21	62.33
		For Colored Vinyl, Add	*36.96*	
		For Tinted Glass, Add	*44.35*	
		For Low-E Insulated Glass, Add	*92.39*	
		For Obscure Glass, Add	*101.63*	
08 54 13 00-0419	EA	48" x 46", New Construction, Horizontal Sliding Fiberglass Window	540.32	68.36
		For Colored Vinyl, Add	*40.46*	
		For Tinted Glass, Add	*48.55*	
		For Low-E Insulated Glass, Add	*101.15*	
		For Obscure Glass, Add	*111.27*	
08 54 13 00-0420	EA	54" x 46", New Construction, Horizontal Sliding Fiberglass Window	563.86	70.87
		For Colored Vinyl, Add	*42.21*	
		For Tinted Glass, Add	*50.65*	
		For Low-E Insulated Glass, Add	*105.53*	
		For Obscure Glass, Add	*116.08*	
08 54 13 00-0421	EA	60" x 46", New Construction, Horizontal Sliding Fiberglass Window	587.40	73.90
		For Colored Vinyl, Add	*43.96*	
		For Tinted Glass, Add	*52.75*	
		For Low-E Insulated Glass, Add	*109.91*	
		For Obscure Glass, Add	*120.90*	
08 54 13 00-0422	EA	64" x 46", New Construction, Horizontal Sliding Fiberglass Window	603.11	76.40
		For Colored Vinyl, Add	*45.13*	
		For Tinted Glass, Add	*54.16*	
		For Low-E Insulated Glass, Add	*112.83*	
		For Obscure Glass, Add	*124.11*	
08 54 13 00-0423	EA	72" x 46", New Construction, Horizontal Sliding Fiberglass Window	634.53	79.92
		For Colored Vinyl, Add	*47.47*	
		For Tinted Glass, Add	*56.96*	
		For Low-E Insulated Glass, Add	*118.67*	
		For Obscure Glass, Add	*130.54*	
08 54 13 00-0424		48" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0425	EA	36" x 48", New Construction, Horizontal Sliding Fiberglass Window	502.78	63.33
		For Colored Vinyl, Add	*37.71*	
		For Tinted Glass, Add	*45.25*	
		For Low-E Insulated Glass, Add	*94.28*	
		For Obscure Glass, Add	*103.71*	
08 54 13 00-0426	EA	48" x 48", New Construction, Horizontal Sliding Fiberglass Window	550.54	69.37
		For Colored Vinyl, Add	*41.28*	
		For Tinted Glass, Add	*49.54*	
		For Low-E Insulated Glass, Add	*103.21*	
		For Obscure Glass, Add	*113.53*	
08 54 13 00-0427	EA	54" x 48", New Construction, Horizontal Sliding Fiberglass Window	574.42	71.88
		For Colored Vinyl, Add	*43.07*	
		For Tinted Glass, Add	*51.68*	
		For Low-E Insulated Glass, Add	*107.67*	
		For Obscure Glass, Add	*118.43*	
08 54 13 00-0428	EA	60" x 48", New Construction, Horizontal Sliding Fiberglass Window	598.28	74.89
		For Colored Vinyl, Add	*44.85*	
		For Tinted Glass, Add	*53.82*	
		For Low-E Insulated Glass, Add	*112.12*	
		For Obscure Glass, Add	*123.33*	
08 54 13 00-0429	EA	64" x 48", New Construction, Horizontal Sliding Fiberglass Window	614.21	77.41
		For Colored Vinyl, Add	*46.04*	
		For Tinted Glass, Add	*55.25*	
		For Low-E Insulated Glass, Add	*115.10*	
		For Obscure Glass, Add	*126.61*	
08 54 13 00-0430	EA	72" x 48", New Construction, Horizontal Sliding Fiberglass Window	646.08	80.93
		For Colored Vinyl, Add	*48.42*	
		For Tinted Glass, Add	*58.11*	
		For Low-E Insulated Glass, Add	*121.06*	
		For Obscure Glass, Add	*133.16*	
08 54 13 00-0431		50" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0432	EA	36" x 50", New Construction, Horizontal Sliding Fiberglass Window	512.34	64.34
		For Colored Vinyl, Add	*38.47*	
		For Tinted Glass, Add	*46.16*	
		For Low-E Insulated Glass, Add	*96.17*	
		For Obscure Glass, Add	*105.78*	
08 54 13 00-0433	EA	48" x 50", New Construction, Horizontal Sliding Fiberglass Window	560.74	70.37
		For Colored Vinyl, Add	*42.10*	
		For Tinted Glass, Add	*50.52*	
		For Low-E Insulated Glass, Add	*105.25*	
		For Obscure Glass, Add	*115.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0434	EA	54" x 50", New Construction, Horizontal Sliding Fiberglass Window	584.94	72.89
		For Colored Vinyl, Add	*43.92*	
		For Tinted Glass, Add	*52.70*	
		For Low-E Insulated Glass, Add	*109.79*	
		For Obscure Glass, Add	*120.77*	
08 54 13 00-0435	EA	60" x 50", New Construction, Horizontal Sliding Fiberglass Window	609.13	75.90
		For Colored Vinyl, Add	*45.73*	
		For Tinted Glass, Add	*54.88*	
		For Low-E Insulated Glass, Add	*114.33*	
		For Obscure Glass, Add	*125.77*	
08 54 13 00-0436	EA	64" x 50", New Construction, Horizontal Sliding Fiberglass Window	625.29	78.41
		For Colored Vinyl, Add	*46.95*	
		For Tinted Glass, Add	*56.34*	
		For Low-E Insulated Glass, Add	*117.37*	
		For Obscure Glass, Add	*129.10*	
08 54 13 00-0437	EA	72" x 50", New Construction, Horizontal Sliding Fiberglass Window	657.59	81.94
		For Colored Vinyl, Add	*49.37*	
		For Tinted Glass, Add	*59.25*	
		For Low-E Insulated Glass, Add	*123.43*	
		For Obscure Glass, Add	*135.78*	
08 54 13 00-0438		52" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0439	EA	36" x 52", New Construction, Horizontal Sliding Fiberglass Window	521.89	65.35
		For Colored Vinyl, Add	*39.22*	
		For Tinted Glass, Add	*47.07*	
		For Low-E Insulated Glass, Add	*98.05*	
		For Obscure Glass, Add	*107.86*	
08 54 13 00-0440	EA	48" x 52", New Construction, Horizontal Sliding Fiberglass Window	570.98	71.38
		For Colored Vinyl, Add	*42.92*	
		For Tinted Glass, Add	*51.51*	
		For Low-E Insulated Glass, Add	*107.31*	
		For Obscure Glass, Add	*118.04*	
08 54 13 00-0441	EA	54" x 52", New Construction, Horizontal Sliding Fiberglass Window	595.49	73.90
		For Colored Vinyl, Add	*44.77*	
		For Tinted Glass, Add	*53.73*	
		For Low-E Insulated Glass, Add	*111.93*	
		For Obscure Glass, Add	*123.12*	
08 54 13 00-0442	EA	60" x 52", New Construction, Horizontal Sliding Fiberglass Window	620.07	76.91
		For Colored Vinyl, Add	*46.63*	
		For Tinted Glass, Add	*55.95*	
		For Low-E Insulated Glass, Add	*116.56*	
		For Obscure Glass, Add	*128.22*	
08 54 13 00-0443	EA	64" x 52", New Construction, Horizontal Sliding Fiberglass Window	636.41	79.42
		For Colored Vinyl, Add	*47.86*	
		For Tinted Glass, Add	*57.43*	
		For Low-E Insulated Glass, Add	*119.64*	
		For Obscure Glass, Add	*131.61*	
08 54 13 00-0444	EA	72" x 52", New Construction, Horizontal Sliding Fiberglass Window	669.13	82.93
		For Colored Vinyl, Add	*50.33*	
		For Tinted Glass, Add	*60.39*	
		For Low-E Insulated Glass, Add	*125.81*	
		For Obscure Glass, Add	*138.39*	
08 54 13 00-0445		54" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0446	EA	36" x 54", New Construction, Horizontal Sliding Fiberglass Window	531.48	66.35
		For Colored Vinyl, Add	*39.98*	
		For Tinted Glass, Add	*47.97*	
		For Low-E Insulated Glass, Add	*99.95*	
		For Obscure Glass, Add	*109.94*	
08 54 13 00-0447	EA	48" x 54", New Construction, Horizontal Sliding Fiberglass Window	581.18	72.38
		For Colored Vinyl, Add	*43.74*	
		For Tinted Glass, Add	*52.49*	
		For Low-E Insulated Glass, Add	*109.36*	
		For Obscure Glass, Add	*120.29*	
08 54 13 00-0448	EA	54" x 54", New Construction, Horizontal Sliding Fiberglass Window	606.05	74.89
		For Colored Vinyl, Add	*45.63*	
		For Tinted Glass, Add	*54.75*	
		For Low-E Insulated Glass, Add	*114.06*	
		For Obscure Glass, Add	*125.47*	
08 54 13 00-0449	EA	60" x 54", New Construction, Horizontal Sliding Fiberglass Window	630.92	77.92
		For Colored Vinyl, Add	*47.51*	
		For Tinted Glass, Add	*57.01*	
		For Low-E Insulated Glass, Add	*118.78*	
		For Obscure Glass, Add	*130.65*	
08 54 13 00-0450	EA	64" x 54", New Construction, Horizontal Sliding Fiberglass Window	647.48	80.43
		For Colored Vinyl, Add	*48.76*	
		For Tinted Glass, Add	*58.52*	
		For Low-E Insulated Glass, Add	*121.91*	
		For Obscure Glass, Add	*134.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0451	EA	72" x 54", New Construction, Horizontal Sliding Fiberglass Window	680.62	83.94
		For Colored Vinyl, Add	*51.27*	
		For Tinted Glass, Add	*61.53*	
		For Low-E Insulated Glass, Add	*128.19*	
		For Obscure Glass, Add	*141.00*	

08 54 13 00-0452 60" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*

08 54 13 00-0453	EA	36" x 60", New Construction, Horizontal Sliding Fiberglass Window	580.09	69.37
		For Colored Vinyl, Add	*44.24*	
		For Tinted Glass, Add	*53.08*	
		For Low-E Insulated Glass, Add	*110.59*	
		For Obscure Glass, Add	*121.65*	
08 54 13 00-0454	EA	48" x 60", New Construction, Horizontal Sliding Fiberglass Window	611.86	75.40
		For Colored Vinyl, Add	*46.21*	
		For Tinted Glass, Add	*55.45*	
		For Low-E Insulated Glass, Add	*115.52*	
		For Obscure Glass, Add	*127.07*	
08 54 13 00-0455	EA	54" x 60", New Construction, Horizontal Sliding Fiberglass Window	637.70	77.92
		For Colored Vinyl, Add	*48.19*	
		For Tinted Glass, Add	*57.83*	
		For Low-E Insulated Glass, Add	*120.47*	
		For Obscure Glass, Add	*132.52*	
08 54 13 00-0456	EA	60" x 60", New Construction, Horizontal Sliding Fiberglass Window	663.54	80.93
		For Colored Vinyl, Add	*50.17*	
		For Tinted Glass, Add	*60.20*	
		For Low-E Insulated Glass, Add	*125.42*	
		For Obscure Glass, Add	*137.96*	
08 54 13 00-0457	EA	64" x 60", New Construction, Horizontal Sliding Fiberglass Window	680.78	83.44
		For Colored Vinyl, Add	*51.49*	
		For Tinted Glass, Add	*61.79*	
		For Low-E Insulated Glass, Add	*128.73*	
		For Obscure Glass, Add	*141.60*	
08 54 13 00-0458	EA	72" x 60", New Construction, Horizontal Sliding Fiberglass Window	715.22	86.95
		For Colored Vinyl, Add	*54.13*	
		For Tinted Glass, Add	*64.96*	
		For Low-E Insulated Glass, Add	*135.33*	
		For Obscure Glass, Add	*148.86*	

08 54 13 00-0459 Replacement, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0380)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 54 13 00-0460	EA	Up To 73" UI, Replacement, Horizontal Sliding Fiberglass Window	614.38	52.78
		For Colored Vinyl, Add	*50.88*	
		For Tinted Glass, Add	*61.06*	
		For Low-E Insulated Glass, Add	*127.21*	
		For Obscure Glass, Add	*139.93*	
08 54 13 00-0461	EA	>73" To 83" UI, Replacement, Horizontal Sliding Fiberglass Window	675.47	57.80
		For Colored Vinyl, Add	*55.99*	
		For Tinted Glass, Add	*67.18*	
		For Low-E Insulated Glass, Add	*139.97*	
		For Obscure Glass, Add	*153.96*	
08 54 13 00-0462	EA	>83" To 93" UI, Replacement, Horizontal Sliding Fiberglass Window	732.07	62.83
		For Colored Vinyl, Add	*60.64*	
		For Tinted Glass, Add	*72.77*	
		For Low-E Insulated Glass, Add	*151.60*	
		For Obscure Glass, Add	*166.76*	
08 54 13 00-0463	EA	>93" To 101" UI, Replacement, Horizontal Sliding Fiberglass Window	771.60	67.86
		For Colored Vinyl, Add	*63.59*	
		For Tinted Glass, Add	*76.31*	
		For Low-E Insulated Glass, Add	*158.97*	
		For Obscure Glass, Add	*174.87*	
08 54 13 00-0464	EA	>101" To 110" UI, Replacement, Horizontal Sliding Fiberglass Window	813.56	72.89
		For Colored Vinyl, Add	*66.78*	
		For Tinted Glass, Add	*80.13*	
		For Low-E Insulated Glass, Add	*166.95*	
		For Obscure Glass, Add	*183.64*	
08 54 13 00-0465	EA	>110" To 120" UI, Replacement, Horizontal Sliding Fiberglass Window	884.31	77.92
		For Colored Vinyl, Add	*72.85*	
		For Tinted Glass, Add	*87.42*	
		For Low-E Insulated Glass, Add	*182.12*	
		For Obscure Glass, Add	*200.33*	
08 54 13 00-0466	UI	>120" UI, Replacement, Horizontal Sliding Fiberglass Window	7.39	0.65
		For Colored Vinyl, Add	*0.61*	
		For Tinted Glass, Add	*0.73*	
		For Low-E Insulated Glass, Add	*1.52*	
		For Obscure Glass, Add	*1.67*	

08 54 13 00-0467 Basement Fiberglass Windows *(08 54 13)*

08 54 13 00-0468 New Construction, Basement Fiberglass Windows *(08 54 13 00-0467)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0469	EA	32" x 15", New Construction, Basement Fiberglass Window	350.25	40.21
		For Colored Vinyl, Add	*26.98*	
		For Tinted Glass, Add	*32.38*	
		For Low-E Insulated Glass, Add	*67.46*	
		For Obscure Glass, Add	*74.20*	
08 54 13 00-0470	EA	32" x 20", New Construction, Basement Fiberglass Window	381.73	40.21
		For Colored Vinyl, Add	*30.13*	
		For Tinted Glass, Add	*36.16*	
		For Low-E Insulated Glass, Add	*75.33*	
		For Obscure Glass, Add	*82.86*	
08 54 13 00-0471	EA	32" x 23", New Construction, Basement Fiberglass Window	399.71	40.21
		For Colored Vinyl, Add	*31.93*	
		For Tinted Glass, Add	*38.31*	
		For Low-E Insulated Glass, Add	*79.82*	
		For Obscure Glass, Add	*87.80*	

08 54 13 00-0472 Replacement, Basement Fiberglass Windows *(08 54 13 00-0467)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 54 13 00-0473	EA	Up To 47" UI, Replacement, Basement Fiberglass Window	460.64	39.21
		For Colored Vinyl, Add	*38.22*	
		For Tinted Glass, Add	*45.87*	
		For Low-E Insulated Glass, Add	*95.56*	
		For Obscure Glass, Add	*105.11*	
08 54 13 00-0474	EA	>47" To 55" UI, Replacement, Basement Fiberglass Window	510.94	45.24
		For Colored Vinyl, Add	*42.05*	
		For Tinted Glass, Add	*50.46*	
		For Low-E Insulated Glass, Add	*105.12*	
		For Obscure Glass, Add	*115.63*	
08 54 13 00-0475	UI	>55" UI, Replacement, Basement Fiberglass Window	8.95	0.65
		For Colored Vinyl, Add	*0.76*	
		For Tinted Glass, Add	*0.92*	
		For Low-E Insulated Glass, Add	*1.91*	
		For Obscure Glass, Add	*2.10*	

08 54 66 Fiberglass Window Screens *(08 54)*

08 54 66 00-0001 Insect Screens For Fiberglass Windows *(08 54 66)*

08 54 66 00-0002	EA	Up To 6 SF, Insect Screen For Fiberglass Windows	45.89	8.95
08 54 66 00-0003	EA	>6 To 9 SF, Insect Screen For Fiberglass Windows	62.69	8.95
08 54 66 00-0004	EA	>9 To 12 SF, Insect Screen For Fiberglass Windows	68.29	8.95
08 54 66 00-0005	EA	>12 To 15 SF, Insect Screen For Fiberglass Windows	79.48	8.95
08 54 66 00-0006	EA	>15 To 20 SF, Insect Screen For Fiberglass Windows	104.67	8.95
08 54 66 00-0007	EA	>20 To 25 SF, Insect Screen For Fiberglass Windows	115.87	8.95
08 54 66 00-0008	EA	>25 To 30 SF, Insect Screen For Fiberglass Windows	132.67	8.95
08 54 66 00-0009	EA	>30 To 35 SF, Insect Screen For Fiberglass Windows	143.86	8.95
08 54 66 00-0010	SF	>35 SF, Insect Screen For Fiberglass Windows	4.37	0.18

08 54 66 00-0011 Factory Installed Grilles For Fiberglass Windows *(08 54 66)*

08 54 66 00-0012 Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows *(08 54 66 00-0011)*

08 54 66 00-0013	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows	43.11
08 54 66 00-0014	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows	55.42
08 54 66 00-0015	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows	71.38
08 54 66 00-0016	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows	84.26
08 54 66 00-0017	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows	103.57

08 54 66 00-0018 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows *(08 54 66 00-0011)*

08 54 66 00-0019	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows	97.97
08 54 66 00-0020	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows	117.57
08 54 66 00-0021	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows	148.36
08 54 66 00-0022	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows	184.75
08 54 66 00-0023	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows	221.13

08 56 Special Function Windows *(08 50)*

08 56 19 Pass Windows *(08 56)*

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 19 00-0001		**Bullet Resistant Pass Through Service Window, Steel Frame** *(08 56 19)*		
		Note: Secure air passage for voice transmission; Natural Voice Transmission (NVR)		
08 56 19 00-0002	EA	24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	4,385.69	627.28
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*45.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*295.00*	
08 56 19 00-0003	EA	30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	4,832.07	679.55
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*60.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*370.00*	
08 56 19 00-0004	EA	36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	5,081.31	731.83
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*70.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*445.00*	
08 56 19 00-0005	EA	48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	6,360.74	836.37
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*100.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*650.00*	
08 56 19 00-0006	EA	72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	8,578.96	1,254.56
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*150.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*975.00*	
08 56 49		**Radiation Shielding Windows** *(08 56)*		
08 56 49 00-0001		**Lead Lined Window Frames** *(08 56 49)*		
08 56 49 00-0002	LF	1/16" Lead Lined, 16 Gauge Telescoping Window Frame	48.76	7.54
08 56 49 00-0003	LF	1/8" Lead Lined, 16 Gauge Telescoping Window Frame	55.20	7.54
08 56 56		**Security Window Screens** *(08 56)*		
		Note: Includes frame and mounting hardware. Operable security screens include hinges and related hardware.		
08 56 56 00-0001		**Wire Mesh Security Screen** *(08 56 56)*		
08 56 56 00-0002		**Wire Mesh, Inoperable, Security Window Screen** *(08 56 56 00-0001)*		
08 56 56 00-0003	SF	13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	23.16	4.71
		For Painted Steel, Add	*1.69*	
		For Galvanized Steel, Add	*3.38*	
		For Aluminum, Add	*6.76*	
		For Stainless Steel, Add	*29.56*	
08 56 56 00-0004	SF	11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	23.64	4.71
		For Painted Steel, Add	*1.74*	
		For Galvanized Steel, Add	*3.47*	
		For Aluminum, Add	*6.95*	
		For Stainless Steel, Add	*30.40*	
08 56 56 00-0005	SF	9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	25.87	4.71
		For Painted Steel, Add	*1.96*	
		For Galvanized Steel, Add	*3.92*	
		For Aluminum, Add	*7.84*	
		For Stainless Steel, Add	*34.30*	
08 56 56 00-0006	SF	6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	30.63	4.71
		For Painted Steel, Add	*2.44*	
		For Galvanized Steel, Add	*4.87*	
		For Aluminum, Add	*9.74*	
		For Stainless Steel, Add	*42.63*	
08 56 56 00-0007		**Wire Mesh, Operable, Security Window Screen** *(08 56 56 00-0001)*		
08 56 56 00-0008	SF	13 Gauge, Wire Mesh, Operable, Steel Security Window Screen	32.42	5.75
		For Painted Steel, Add	*2.41*	
		For Galvanized Steel, Add	*4.81*	
		For Aluminum, Add	*9.62*	
		For Stainless Steel, Add	*42.11*	
08 56 56 00-0009	SF	11 Gauge, Wire Mesh, Operable, Steel Security Window Screen	33.15	5.75
		For Painted Steel, Add	*2.48*	
		For Galvanized Steel, Add	*4.96*	
		For Aluminum, Add	*9.92*	
		For Stainless Steel, Add	*43.38*	
08 56 56 00-0010	SF	9 Gauge, Wire Mesh, Operable, Steel Security Window Screen	36.35	5.75
		For Painted Steel, Add	*2.80*	
		For Galvanized Steel, Add	*5.60*	
		For Aluminum, Add	*11.20*	
		For Stainless Steel, Add	*48.98*	
08 56 56 00-0011	SF	6 Gauge, Wire Mesh, Operable, Steel Security Window Screen	43.03	5.75
		For Painted Steel, Add	*3.47*	
		For Galvanized Steel, Add	*6.93*	
		For Aluminum, Add	*13.87*	
		For Stainless Steel, Add	*60.67*	
08 56 56 00-0012		**Wire Cloth Security Screen** *(08 56 56)*		
		Note: Wire cloth has from 10 to 12 strands per 1".		
08 56 56 00-0013		**Wire Cloth, Inoperable, Security Window Screens** *(08 56 56 00-0012)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0014	SF	24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	15.30	3.13
		For Painted Steel, Add	*0.50*	
		For Galvanized Steel, Add	*1.51*	
		For Aluminum, Add	*3.02*	
		For Stainless Steel, Add	*12.59*	
08 56 56 00-0015	SF	22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	15.98	3.13
		For Painted Steel, Add	*0.54*	
		For Galvanized Steel, Add	*1.61*	
		For Aluminum, Add	*3.23*	
		For Stainless Steel, Add	*13.44*	
08 56 56 00-0016	SF	20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	17.04	3.13
		For Painted Steel, Add	*0.59*	
		For Galvanized Steel, Add	*1.77*	
		For Aluminum, Add	*3.54*	
		For Stainless Steel, Add	*14.76*	
08 56 56 00-0017	SF	18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	19.08	3.13
		For Painted Steel, Add	*0.69*	
		For Galvanized Steel, Add	*2.08*	
		For Aluminum, Add	*4.16*	
		For Stainless Steel, Add	*17.31*	
08 56 56 00-0018		Wire Cloth, Operable, Security Window Screens *(08 56 56 00-0012)*		
08 56 56 00-0019	SF	24 Gauge, Wire Cloth, Operable, Steel Security Window Screen	20.62	4.18
		For Painted Steel, Add	*0.72*	
		For Galvanized Steel, Add	*2.15*	
		For Aluminum, Add	*4.31*	
		For Stainless Steel, Add	*17.94*	
08 56 56 00-0020	SF	22 Gauge, Wire Cloth, Operable, Steel Security Window Screen	21.67	4.18
		For Painted Steel, Add	*0.77*	
		For Galvanized Steel, Add	*2.31*	
		For Aluminum, Add	*4.62*	
		For Stainless Steel, Add	*19.25*	
08 56 56 00-0021	SF	20 Gauge, Wire Cloth, Operable, Steel Security Window Screen	23.12	4.18
		For Painted Steel, Add	*0.84*	
		For Galvanized Steel, Add	*2.53*	
		For Aluminum, Add	*5.06*	
		For Stainless Steel, Add	*21.06*	
08 56 56 00-0022	SF	18 Gauge, Wire Cloth, Operable, Steel Security Window Screen	26.03	4.18
		For Painted Steel, Add	*0.99*	
		For Galvanized Steel, Add	*2.96*	
		For Aluminum, Add	*5.93*	
		For Stainless Steel, Add	*24.70*	
08 56 56 00-0023		Expanded Metal Security Screen *(08 56 56)*		
		Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.		
08 56 56 00-0024		Expanded Metal, Inoperable, Security Screen *(08 56 56 00-0023)*		
08 56 56 00-0025	SF	1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen	29.07	7.84
		For Painted Steel, Add	*0.98*	
		For Galvanized Steel, Add	*2.95*	
		For Aluminum, Add	*5.90*	
		For Stainless Steel, Add	*24.58*	
08 56 56 00-0026	SF	1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	33.97	9.41
		For Painted Steel, Add	*1.12*	
		For Galvanized Steel, Add	*3.37*	
		For Aluminum, Add	*6.74*	
		For Stainless Steel, Add	*28.09*	
08 56 56 00-0027	SF	3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	38.09	11.50
		For Painted Steel, Add	*1.23*	
		For Galvanized Steel, Add	*3.68*	
		For Aluminum, Add	*7.35*	
		For Stainless Steel, Add	*30.63*	
08 56 56 00-0028	SF	3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen	44.72	13.59
		For Painted Steel, Add	*1.40*	
		For Galvanized Steel, Add	*4.20*	
		For Aluminum, Add	*8.40*	
		For Stainless Steel, Add	*34.99*	
08 56 56 00-0029	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen	41.63	13.07
		For Painted Steel, Add	*1.30*	
		For Galvanized Steel, Add	*3.89*	
		For Aluminum, Add	*7.79*	
		For Stainless Steel, Add	*32.44*	
08 56 56 00-0030	SF	3 LB/SF Expanded Metal, Inoperable, Steel Security Window Screen	52.50	16.73
		For Painted Steel, Add	*1.63*	
		For Galvanized Steel, Add	*4.90*	
		For Aluminum, Add	*9.79*	
		For Stainless Steel, Add	*40.80*	
08 56 56 00-0031		Expanded Metal, Operable, Security Screen *(08 56 56 00-0023)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0032	SF	1/4" #18, Thickness 0.04" Expanded Metal, Operable, Steel Security Window Screen	37.93	9.41
		For Painted Steel, Add	*1.32*	
		For Galvanized Steel, Add	*3.96*	
		For Aluminum, Add	*7.93*	
		For Stainless Steel, Add	*33.04*	
08 56 56 00-0033	SF	1/2" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	45.64	11.50
		For Painted Steel, Add	*1.60*	
		For Galvanized Steel, Add	*4.81*	
		For Aluminum, Add	*9.62*	
		For Stainless Steel, Add	*40.06*	
08 56 56 00-0034	SF	3/4" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	50.64	13.07
		For Painted Steel, Add	*1.75*	
		For Galvanized Steel, Add	*5.24*	
		For Aluminum, Add	*10.49*	
		For Stainless Steel, Add	*43.70*	
08 56 56 00-0035	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Operable, Steel Security Window Screen	54.77	14.63
		For Painted Steel, Add	*1.85*	
		For Galvanized Steel, Add	*5.55*	
		For Aluminum, Add	*11.10*	
		For Stainless Steel, Add	*46.24*	
08 56 56 00-0036	SF	3/4" #9, Thickness 0.12" Expanded Metal, Operable, Steel Security Window Screen	59.74	16.73
		For Painted Steel, Add	*1.99*	
		For Galvanized Steel, Add	*5.98*	
		For Aluminum, Add	*11.96*	
		For Stainless Steel, Add	*49.85*	
08 56 56 00-0037	SF	3 LB/SF Expanded Metal, Operable, Steel Security Window Screen	68.44	18.30
		For Painted Steel, Add	*2.32*	
		For Galvanized Steel, Add	*6.97*	
		For Aluminum, Add	*13.94*	
		For Stainless Steel, Add	*58.10*	
08 56 56 00-0038		Perforated Metal Security Screen *(08 56 56)*		
08 56 56 00-0039		Perforated Metal, Inoperable, Steel Security Window Screen *(08 56 56 00-0038)*		
08 56 56 00-0040	SF	22 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	25.83	4.71
		For Painted Steel, Add	*0.98*	
		For Galvanized Steel, Add	*2.93*	
		For Aluminum, Add	*5.87*	
		For Stainless Steel, Add	*19.56*	
08 56 56 00-0041	SF	20 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	26.61	4.71
		For Painted Steel, Add	*1.02*	
		For Galvanized Steel, Add	*3.05*	
		For Aluminum, Add	*6.10*	
		For Stainless Steel, Add	*20.34*	
08 56 56 00-0042	SF	18 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	29.22	4.71
		For Painted Steel, Add	*1.15*	
		For Galvanized Steel, Add	*3.44*	
		For Aluminum, Add	*6.89*	
		For Stainless Steel, Add	*22.95*	
08 56 56 00-0043	SF	16 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	34.16	4.71
		For Painted Steel, Add	*1.39*	
		For Galvanized Steel, Add	*4.18*	
		For Aluminum, Add	*8.37*	
		For Stainless Steel, Add	*27.89*	
08 56 56 00-0044		Perforated Metal, Operable, Steel Security Window Screen *(08 56 56 00-0038)*		
08 56 56 00-0045	SF	22 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	36.15	5.75
		For Painted Steel, Add	*1.39*	
		For Galvanized Steel, Add	*4.17*	
		For Aluminum, Add	*8.34*	
		For Stainless Steel, Add	*27.79*	
08 56 56 00-0046	SF	20 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	37.51	5.75
		For Painted Steel, Add	*1.46*	
		For Galvanized Steel, Add	*4.37*	
		For Aluminum, Add	*8.75*	
		For Stainless Steel, Add	*29.15*	
08 56 56 00-0047	SF	18 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	40.90	5.75
		For Painted Steel, Add	*1.63*	
		For Galvanized Steel, Add	*4.88*	
		For Aluminum, Add	*9.76*	
		For Stainless Steel, Add	*32.54*	
08 56 56 00-0048	SF	16 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	47.97	5.75
		For Painted Steel, Add	*1.98*	
		For Galvanized Steel, Add	*5.94*	
		For Aluminum, Add	*11.88*	
		For Stainless Steel, Add	*39.61*	
08 56 56 00-0049		Removal And Reinstallation Of Security Screens And Guards *(08 56 56)*		
08 56 56 00-0050	SF	Removal And Reinstallation Of Security Screens	13.17	

08 56 59 Service and Teller Window Units *(08 56)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 59 00-0001		Communicator For Window *(08 56 59)*		
08 56 59 00-0002	EA	Electronic Two-Way Talk-thru Hands-Free Audio Communicator (Haven SC-350) Note: Communicator is designed for applications where a fire shutter or window shade is present. Two-way communication is accomplished through the use of speakers and micro-phones located on each side of the partition. The Master unit is equipped with a 15" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote Unit is window-mounted and may incorporate a level 3 bullet-resistive insert.	2,510.49	209.10
08 56 59 00-0003	EA	Electronic Two-Way Audio Communicator (Haven SC-300) Note: Communicator is designed for application where a cutout in the barrier is impractical. Two-way communication is accomplished through the use of speakers and microphones located on each side of the partition. The master unit is equipped with a 20" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote unit is vandal-resistant with all controls located within the housing.	2,182.77	209.10
08 56 59 00-0004	EA	Electronic Two-Way Talk-Thru Communication System (Norcon TTU-1)	1,980.50	209.10
08 56 59 00-0005		Speak-Thru Communicator For Window *(08 56 59)*		
08 56 59 00-0006	EA	5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru (CRL 834A) Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	140.27	
08 56 59 00-0007	EA	6-3/16" Diameter, Polished Stainless Steel, No-Draft Speak-Thru (Brixwell 834LPS) Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	211.24	
08 56 59 00-0008		Counter Drop-In Deal Tray *(08 56 59)*		
08 56 59 00-0009	EA	16" Wide x 10" Deep x 1-9/16" High, Brushed Stainless Steel, Standard Drop-In Deal Tray (CRL CTDB16)	404.36	38.00

08 60 Roof Windows and Skylights *(08)*

Note: Includes hardware, caulk, sealant and necessary anchors.

08 62 Unit Skylights *(08 60)*

08 62 23 Tubular Skylights *(08 62)*

08 62 23 00-0001 Aluminum Framed Solar Tube Skylights *(08 62 23)*

Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip.

08 62 23 00-0002 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0003	EA	2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,235.72	175.05
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*980.22*	
08 62 23 00-0004	EA	3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,306.12	179.43
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*981.10*	
08 62 23 00-0005	EA	4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,374.46	183.80
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*981.97*	
08 62 23 00-0006	EA	5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,471.57	188.18
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*982.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0007	EA	6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,556.36	192.56
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*983.72*	
08 62 23 00-0008	EA	7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,624.70	196.93
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*984.60*	
08 62 23 00-0009	EA	8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,693.03	201.31
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*985.47*	
08 62 23 00-0010	EA	9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,806.58	205.69
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*986.35*	
08 62 23 00-0011	EA	10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,874.93	210.06
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*987.22*	
08 62 23 00-0012	EA	11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,945.32	214.44
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*988.10*	
08 62 23 00-0013	EA	12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,013.66	218.82
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*988.97*	
08 62 23 00-0014	EA	13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,127.21	223.19
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*989.85*	
08 62 23 00-0015	EA	14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,195.56	227.57
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*990.72*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0016		EA	15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,263.89	231.94
			For Class 3 Hail Rated, Add	*4.00*	
			For Polycarbonate Diffuser Lens, Add	*7.00*	
			For High Velocity Hurricane Zone Rated, Add	*14.00*	
			For FM Approved, Add	*20.00*	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
			For Single Blade Louver, Add	*991.60*	
08 62 23 00-0017		EA	16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,332.23	236.32
			For Class 3 Hail Rated, Add	*4.00*	
			For Polycarbonate Diffuser Lens, Add	*7.00*	
			For High Velocity Hurricane Zone Rated, Add	*14.00*	
			For FM Approved, Add	*20.00*	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
			For Single Blade Louver, Add	*992.47*	

08 62 23 00-0018 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0019		EA	2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,513.12	175.05
			For Class 3 Hail Rated, Add	*5.00*	
			For Polycarbonate Diffuser Lens, Add	*8.00*	
			For High Velocity Hurricane Zone Rated, Add	*14.00*	
			For FM Approved, Add	*22.00*	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
			For Single Blade Louver, Add	*980.22*	
08 62 23 00-0020		EA	3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,610.23	179.43
			For Class 3 Hail Rated, Add	*5.00*	
			For Polycarbonate Diffuser Lens, Add	*8.00*	
			For High Velocity Hurricane Zone Rated, Add	*14.00*	
			For FM Approved, Add	*22.00*	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
			For Single Blade Louver, Add	*981.10*	
08 62 23 00-0021		EA	4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,707.34	183.80
			For Class 3 Hail Rated, Add	*5.00*	
			For Polycarbonate Diffuser Lens, Add	*8.00*	
			For High Velocity Hurricane Zone Rated, Add	*14.00*	
			For FM Approved, Add	*22.00*	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
			For Single Blade Louver, Add	*981.97*	
08 62 23 00-0022		EA	5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,804.45	188.18
			For Class 3 Hail Rated, Add	*5.00*	
			For Polycarbonate Diffuser Lens, Add	*8.00*	
			For High Velocity Hurricane Zone Rated, Add	*14.00*	
			For FM Approved, Add	*22.00*	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
			For Single Blade Louver, Add	*982.85*	
08 62 23 00-0023		EA	6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,963.21	192.56
			For Class 3 Hail Rated, Add	*5.00*	
			For Polycarbonate Diffuser Lens, Add	*8.00*	
			For High Velocity Hurricane Zone Rated, Add	*14.00*	
			For FM Approved, Add	*22.00*	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
			For Single Blade Louver, Add	*983.72*	
08 62 23 00-0024		EA	7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,060.31	196.93
			For Class 3 Hail Rated, Add	*5.00*	
			For Polycarbonate Diffuser Lens, Add	*8.00*	
			For High Velocity Hurricane Zone Rated, Add	*14.00*	
			For FM Approved, Add	*22.00*	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
			For Single Blade Louver, Add	*984.60*	
08 62 23 00-0025		EA	8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,157.42	201.31
			For Class 3 Hail Rated, Add	*5.00*	
			For Polycarbonate Diffuser Lens, Add	*8.00*	
			For High Velocity Hurricane Zone Rated, Add	*14.00*	
			For FM Approved, Add	*22.00*	
			For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
			For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
			For Single Blade Louver, Add	*985.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0026	EA	9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,316.17	205.69
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*986.35*	
08 62 23 00-0027	EA	10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,413.29	210.06
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*987.22*	
08 62 23 00-0028	EA	11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,510.39	214.44
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*988.10*	
08 62 23 00-0029	EA	12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,607.50	218.82
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*988.97*	
08 62 23 00-0030	EA	13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,766.25	223.19
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*989.85*	
08 62 23 00-0031	EA	14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,863.37	227.57
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*990.72*	
08 62 23 00-0032	EA	15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,960.47	231.94
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*991.60*	
08 62 23 00-0033	EA	16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,057.58	236.32
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*992.47*	

08 62 23 00-0034 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0035	EA	2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,035.66	196.93
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*984.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0036	EA	3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,171.80	201.31
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*985.47*	
08 62 23 00-0037	EA	4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,310.01	205.69
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*986.35*	
08 62 23 00-0038	EA	5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,446.16	210.06
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*987.22*	
08 62 23 00-0039	EA	6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,664.50	214.44
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*988.10*	
08 62 23 00-0040	EA	7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,800.65	218.82
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*988.97*	
08 62 23 00-0041	EA	8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,936.80	223.19
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*989.85*	
08 62 23 00-0042	EA	9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,157.20	227.57
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*990.72*	
08 62 23 00-0043	EA	10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,293.35	231.94
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*991.60*	
08 62 23 00-0044	EA	11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,429.50	236.32
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*992.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0045	EA	12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,565.64	240.70
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*993.35*	
08 62 23 00-0046	EA	13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,783.99	245.07
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*994.23*	
08 62 23 00-0047	EA	14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,920.14	249.45
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*995.10*	
08 62 23 00-0048	EA	15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,058.34	253.83
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*995.98*	
08 62 23 00-0049	EA	16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,194.49	258.20
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*996.85*	

08 63 Metal-Framed Skylights *(08 60)*

08 63 13 Domed Metal-Framed Skylights *(08 63)*

08 63 13 00-0001 Domed Aluminum Framed Skylights *(08 63 13)*

08 63 13 00-0002 Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0001)*

08 63 13 00-0003 Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*

08 63 13 00-0004 Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0005	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	674.96	118.16
08 63 13 00-0006	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	802.41	126.91
08 63 13 00-0007	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,056.64	140.04
08 63 13 00-0008	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,181.44	148.79
08 63 13 00-0009	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	841.19	126.91
08 63 13 00-0010	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,031.05	140.04
08 63 13 00-0011	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,115.42	148.79
08 63 13 00-0012	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,255.23	157.55
08 63 13 00-0013	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,443.43	170.68
08 63 13 00-0014	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,050.37	148.79
08 63 13 00-0015	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,131.26	153.17
08 63 13 00-0016	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,259.69	157.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0017	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,356.43	161.92
08 63 13 00-0018	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,491.80	175.05
08 63 13 00-0019	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,658.03	183.80
08 63 13 00-0020	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,227.99	157.55
08 63 13 00-0021	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,330.85	166.30
08 63 13 00-0022	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,485.68	170.68
08 63 13 00-0023	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,571.86	179.43
08 63 13 00-0024	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,790.92	188.18
08 63 13 00-0025		Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0026	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	807.01	118.16
08 63 13 00-0027	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	931.83	126.91
08 63 13 00-0028	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,159.64	140.04
08 63 13 00-0029	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,287.09	148.79
08 63 13 00-0030	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	936.27	126.91
08 63 13 00-0031	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,105.00	140.04
08 63 13 00-0032	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,194.65	148.79
08 63 13 00-0033	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,345.03	157.55
08 63 13 00-0034	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,496.25	170.68
08 63 13 00-0035	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,124.32	148.79
08 63 13 00-0036	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,215.78	153.17
08 63 13 00-0037	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,304.59	157.55
08 63 13 00-0038	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,406.61	161.92
08 63 13 00-0039	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,518.21	175.05
08 63 13 00-0040	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,687.08	183.80
08 63 13 00-0041	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,315.15	157.55
08 63 13 00-0042	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,425.93	166.30
08 63 13 00-0043	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,541.15	170.68
08 63 13 00-0044	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,632.61	179.43
08 63 13 00-0045	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,830.54	188.18
08 63 13 00-0046		High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0047	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	817.57	118.16
08 63 13 00-0048	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	952.96	126.91
08 63 13 00-0049	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,188.69	140.04
08 63 13 00-0050	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	962.68	126.91
08 63 13 00-0051	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,141.98	140.04
08 63 13 00-0052	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,223.70	148.79
08 63 13 00-0053	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,376.72	157.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0054	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,148.09	148.79
08 63 13 00-0055	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,236.91	153.17
08 63 13 00-0056	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,338.92	157.55
08 63 13 00-0057	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,440.95	161.92
08 63 13 00-0058	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,560.47	175.05
08 63 13 00-0059	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,346.84	157.55
08 63 13 00-0060	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,468.18	166.30
08 63 13 00-0061	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,583.40	170.68
08 63 13 00-0062	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,674.87	179.43
08 63 13 00-0063		FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0064	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	836.06	118.16
08 63 13 00-0065	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	982.01	126.91
08 63 13 00-0066	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,215.10	140.04
08 63 13 00-0067	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,382.17	148.79
08 63 13 00-0068	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	989.10	126.91
08 63 13 00-0069	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,165.75	140.04
08 63 13 00-0070	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,250.11	148.79
08 63 13 00-0071	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,416.34	157.55
08 63 13 00-0072	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,177.14	148.79
08 63 13 00-0073	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,265.96	153.17
08 63 13 00-0074	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,375.90	157.55
08 63 13 00-0075	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,480.56	161.92
08 63 13 00-0076	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,602.73	175.05
08 63 13 00-0077	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,386.46	157.55
08 63 13 00-0078	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,507.80	166.30
08 63 13 00-0079	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,625.66	170.68
08 63 13 00-0080	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,722.41	179.43
08 63 13 00-0081		Curb Top Inserts *(08 63 13 00-0003)*		
		Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb.		
08 63 13 00-0082		Single Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*		
08 63 13 00-0083	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	249.02	56.89
08 63 13 00-0084	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	330.49	65.64
08 63 13 00-0085	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	533.81	87.53
08 63 13 00-0086	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	493.44	78.77
08 63 13 00-0087	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	591.35	87.53
08 63 13 00-0088		Double Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*		
08 63 13 00-0089	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	333.27	56.89
08 63 13 00-0090	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	492.82	65.64
08 63 13 00-0091	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	827.65	87.53
08 63 13 00-0092	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	805.77	78.77
08 63 13 00-0093	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	998.20	87.53
08 63 13 00-0094		Triple Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*		
08 63 13 00-0095	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	415.46	56.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0096	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	646.93	65.64
08 63 13 00-0097	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,189.29	87.53
08 63 13 00-0098	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,097.55	78.77
08 63 13 00-0099	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,376.28	87.53
08 63 13 00-0100		Pyramid Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*		
08 63 13 00-0101		Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0100)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0102	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	627.42	118.16
08 63 13 00-0103	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	767.24	126.91
08 63 13 00-0104	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	976.41	148.79
08 63 13 00-0105	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,198.94	157.55
08 63 13 00-0106		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0100)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0107	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	833.42	118.16
08 63 13 00-0108	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	978.53	126.91
08 63 13 00-0109	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,169.21	148.79
08 63 13 00-0110	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,375.90	157.55
08 63 13 00-0111		Double Hip Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*		
08 63 13 00-0112		Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0113	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	725.14	118.16
08 63 13 00-0114	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	977.40	140.04
08 63 13 00-0115	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,139.18	148.79
08 63 13 00-0116	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	930.69	140.04
08 63 13 00-0117	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,012.41	148.79
08 63 13 00-0118	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,197.13	157.55
08 63 13 00-0119	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,387.96	170.68
08 63 13 00-0120	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,059.95	153.17
08 63 13 00-0121	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,156.68	157.55
08 63 13 00-0122	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,261.35	161.92
08 63 13 00-0123	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,375.59	175.05
08 63 13 00-0124	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,599.93	183.80
08 63 13 00-0125	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,301.79	166.30
08 63 13 00-0126	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,446.07	170.68
08 63 13 00-0127	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,545.45	179.43
08 63 13 00-0128	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,761.87	188.18
08 63 13 00-0129		Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0130	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	814.93	118.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0131	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	945.03	126.91
08 63 13 00-0132	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,172.84	140.04
08 63 13 00-0133	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	954.76	126.91
08 63 13 00-0134	EA	39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,049.69	135.67
08 63 13 00-0135	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,126.13	140.04
08 63 13 00-0136	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,207.85	148.79
08 63 13 00-0137	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,363.52	157.55
08 63 13 00-0138	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,137.52	153.17
08 63 13 00-0139	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,226.34	153.17
08 63 13 00-0140	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,323.07	157.55
08 63 13 00-0141	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,422.46	161.92
08 63 13 00-0142	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,539.34	175.05
08 63 13 00-0143	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,328.36	157.55
08 63 13 00-0144	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,449.70	166.30
08 63 13 00-0145	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,562.28	170.68
08 63 13 00-0146	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,651.10	179.43

08 63 13 00-0147 Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0148	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	937.11	126.91
08 63 13 00-0149	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,207.18	140.04
08 63 13 00-0150	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,155.18	140.04
08 63 13 00-0151	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,242.19	148.79
08 63 13 00-0152	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,405.77	157.55
08 63 13 00-0153	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,258.03	153.17
08 63 13 00-0154	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,362.69	157.55
08 63 13 00-0155	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,470.00	161.92
08 63 13 00-0156	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,581.60	175.05
08 63 13 00-0157	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,497.24	166.30
08 63 13 00-0158	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,615.10	170.68
08 63 13 00-0159	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,709.20	179.43

08 63 13 00-0160 Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0001)*

08 63 13 00-0161 Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0160)*

Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing.

08 63 13 00-0162 Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)*

08 63 13 00-0163 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*

08 63 13 00-0164	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,609.96	175.05
08 63 13 00-0165	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,352.11	166.30
08 63 13 00-0166	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,786.92	175.05

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0167		25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0168	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,663.76	175.05
08 63 13 00-0169	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,416.48	166.30
08 63 13 00-0170	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,904.10	175.05
08 63 13 00-0171		30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0172	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,967.49	175.05
08 63 13 00-0173	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,714.92	166.30
08 63 13 00-0174	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,202.55	175.05
08 63 13 00-0175		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)*		
08 63 13 00-0176		10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0177	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,625.81	175.05
08 63 13 00-0178	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,367.96	166.30
08 63 13 00-0179	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,810.69	175.05
08 63 13 00-0180		25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0181	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,684.89	175.05
08 63 13 00-0182	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,432.32	166.30
08 63 13 00-0183	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,930.51	175.05
08 63 13 00-0184		30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0185	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,983.34	175.05
08 63 13 00-0186	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,730.77	166.30
08 63 13 00-0187	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,228.96	175.05

08 66 Wood-Framed Skylights *(08 60)*

08 66 00 00-0001		Wood-Framed Skylights (Andersen 400 Series) *(08 66)*		
08 66 00 00-0002	EA	16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	642.43	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*97.78*	
		For Aluminum Shingle Flashing, Add	*78.22*	
08 66 00 00-0003	EA	16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	658.39	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*101.77*	
		For Aluminum Shingle Flashing, Add	*81.41*	
08 66 00 00-0004	EA	24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series)	620.48	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*92.29*	
		For Aluminum Shingle Flashing, Add	*73.83*	
08 66 00 00-0005	EA	24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	670.36	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*104.76*	
		For Aluminum Shingle Flashing, Add	*83.81*	
08 66 00 00-0006	EA	24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	712.27	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*115.24*	
		For Aluminum Shingle Flashing, Add	*92.19*	
08 66 00 00-0007	EA	24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	780.11	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*132.20*	
		For Aluminum Shingle Flashing, Add	*105.76*	
08 66 00 00-0008	EA	24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	865.91	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*153.65*	
		For Aluminum Shingle Flashing, Add	*122.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 66 00 00-0009	EA	27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	620.48	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*92.29*	
		For Aluminum Shingle Flashing, Add	*73.83*	
08 66 00 00-0010	EA	28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	722.24	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*117.73*	
		For Aluminum Shingle Flashing, Add	*94.18*	
08 66 00 00-0011	EA	28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	780.11	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*132.20*	
		For Aluminum Shingle Flashing, Add	*105.76*	
08 66 00 00-0012	EA	28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	845.96	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*148.66*	
		For Aluminum Shingle Flashing, Add	*118.93*	
08 66 00 00-0013	EA	28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	933.76	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*170.61*	
		For Aluminum Shingle Flashing, Add	*136.49*	
08 66 00 00-0014	EA	38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	642.43	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*97.78*	
		For Aluminum Shingle Flashing, Add	*78.22*	
08 66 00 00-0015	EA	38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	670.36	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*104.76*	
		For Aluminum Shingle Flashing, Add	*83.81*	
08 66 00 00-0016	EA	38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	722.24	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*117.73*	
		For Aluminum Shingle Flashing, Add	*94.18*	
08 66 00 00-0017	EA	44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	905.82	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*163.62*	
		For Aluminum Shingle Flashing, Add	*130.90*	
08 66 00 00-0018	EA	46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	658.39	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*101.77*	
		For Aluminum Shingle Flashing, Add	*81.41*	
08 66 00 00-0019	EA	46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	712.27	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*115.24*	
		For Aluminum Shingle Flashing, Add	*92.19*	
08 66 00 00-0020	EA	46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	780.11	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*132.20*	
		For Aluminum Shingle Flashing, Add	*105.76*	
08 66 00 00-0021	EA	46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series)	905.82	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*163.62*	
		For Aluminum Shingle Flashing, Add	*130.90*	
08 66 00 00-0022	EA	57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	780.11	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*132.20*	
		For Aluminum Shingle Flashing, Add	*105.76*	
08 66 00 00-0023	EA	57" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	845.96	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*148.66*	
		For Aluminum Shingle Flashing, Add	*118.93*	
08 66 00 00-0024	EA	72" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	865.91	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*153.65*	
		For Aluminum Shingle Flashing, Add	*122.92*	
08 66 00 00-0025	EA	72" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	933.76	125.66
		For Tempered Laminated Low-E Insulated Glass, Add	*170.61*	
		For Aluminum Shingle Flashing, Add	*136.49*	

08 70 Hardware *(08)*

08 71 Door Hardware *(08 70)*

08 71 11 Door Hardware *(08 71)*

Note: All hardware is ANSI/BHMA Grade 1 unless otherwise noted. See CSI section 08 05 13 00-0050 for removal and reinstallation of exisiting door where required for modifications.

08 71 11 00-0001 Hinges *(08 71 11)*

Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs. Excludes mortise preparation for wood doors.

08 71 11 00-0002 Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0001)*

Note: US26D (BHMA 626) satin chrome finish.

08 71 11 00-0003 Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0004	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	79.34	7.03
		For Clear Coated Bright Brass, Add	*5.90*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0005	PR	4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	87.10	10.06
		For Clear Coated Bright Brass, Add	*6.56*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0006	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	96.67	11.05
		For Clear Coated Bright Brass, Add	*5.49*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0007 Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0008	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	91.99	7.03
		For Clear Coated Bright Brass, Add	*7.57*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0009	PR	4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	104.31	10.06
		For Clear Coated Bright Brass, Add	*7.57*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0010	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	105.21	11.05
		For Clear Coated Bright Brass, Add	*6.69*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0011	PR	5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	122.91	13.07
		For Clear Coated Bright Brass, Add	*7.82*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0012	PR	5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	123.76	13.07
		For Clear Coated Bright Brass, Add	*7.94*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0013	PR	6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	133.49	16.79
		For Clear Coated Bright Brass, Add	*9.31*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0014		**Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges** *(08 71 11 00-0002)*		
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0015	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	105.01	7.03
08 71 11 00-0016	PR	4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	117.33	10.06
08 71 11 00-0017	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	119.37	11.05
08 71 11 00-0018	PR	5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	138.53	13.07
08 71 11 00-0019		**Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges** *(08 71 11 00-0002)*		
		Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0020	PR	4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	133.63	11.05
		For Clear Coated Bright Brass, Add	*10.67*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0021	PR	5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	151.57	13.07
		For Clear Coated Bright Brass, Add	*11.84*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0022	PR	5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	169.47	13.07
		For Clear Coated Bright Brass, Add	*14.34*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0023		**Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges** *(08 71 11 00-0002)*		
		Note: Set into mortised edge of the door and surface applied to the face of the frame.		
08 71 11 00-0024	PR	4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	137.17	11.05
		For Clear Coated Bright Brass, Add	*11.16*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0025	PR	5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	161.64	13.07
		For Clear Coated Bright Brass, Add	*13.25*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0026		**Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge** *(08 71 11 00-0002)*		
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0027	PR	4-1/2" x 4-1/2" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	132.89	11.05
		For Clear Coated Bright Brass, Add	*10.56*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0028	PR	5" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	153.52	16.79
		For Clear Coated Bright Brass, Add	*12.11*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0029	PR	6" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	184.27	16.79
		For Clear Coated Bright Brass, Add	*16.42*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0030		**Mortised, Wrought Steel Hinges** *(08 71 11 00-0001)*		
		Note: Clear coated, US 26D satin chrome finish (BHMA 652).		
08 71 11 00-0031		**Full Mortise, Plain Bearing, Wrought Steel Hinges** *(08 71 11 00-0030)*		
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0032	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	54.03	7.03
		For Primed For Paint Finish, Deduct	*-3.22*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*2.01*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-1.93*	
		For Stainless Steel, Add	*8.85*	
		For Heavy Duty, Add	*2.41*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

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08 71 11 00-0033	PR	4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	68.01	10.06
		For Primed For Paint Finish, Deduct	*-3.55*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*2.22*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.13*	
		For Stainless Steel, Add	*9.76*	
		For Heavy Duty, Add	*2.66*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0034	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	79.08	11.05
		For Primed For Paint Finish, Deduct	*-4.33*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*2.70*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.60*	
		For Stainless Steel, Add	*11.90*	
		For Heavy Duty, Add	*3.24*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0035 Full Mortise, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0036	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	96.57	7.03
		For Primed For Paint Finish, Deduct	*-11.73*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*7.33*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-7.04*	
		For Stainless Steel, Add	*32.25*	
		For Heavy Duty, Add	*8.79*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0037	PR	4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	116.66	10.06
		For Primed For Paint Finish, Deduct	*-13.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*8.30*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-7.97*	
		For Stainless Steel, Add	*36.52*	
		For Heavy Duty, Add	*9.96*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0038	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	107.45	11.05
		For Primed For Paint Finish, Deduct	*-10.00*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*6.25*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-6.00*	
		For Stainless Steel, Add	*27.50*	
		For Heavy Duty, Add	*7.50*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0039	PR	5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	164.09	13.07
		For Primed For Paint Finish, Deduct	*-19.41*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*12.13*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-11.65*	
		For Stainless Steel, Add	*53.39*	
		For Heavy Duty, Add	*14.56*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0040	PR	5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	177.79	13.07
		For Primed For Paint Finish, Deduct	*-22.15*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*13.85*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-13.29*	
		For Stainless Steel, Add	*60.92*	
		For Heavy Duty, Add	*16.62*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0041	PR	6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	219.56	13.07
		For Primed For Paint Finish, Deduct	*-30.51*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*19.07*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-18.30*	
		For Stainless Steel, Add	*83.90*	
		For Heavy Duty, Add	*22.88*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0042 Half Surface, Plain Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

08 71 11 00-0043	PR	3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	121.14	7.03
		For Primed For Paint Finish, Deduct	*-16.64*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*10.40*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-9.98*	
		For Stainless Steel, Add	*45.76*	
		For Heavy Duty, Add	*12.48*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0044	PR	4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	144.56	10.06
		For Primed For Paint Finish, Deduct	*-18.86*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*11.79*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-11.32*	
		For Stainless Steel, Add	*51.87*	
		For Heavy Duty, Add	*14.15*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0045	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	162.84	11.05
		For Primed For Paint Finish, Deduct	*-21.08*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*13.17*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-12.65*	
		For Stainless Steel, Add	*57.96*	
		For Heavy Duty, Add	*15.81*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

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				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0046	PR	5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge		183.50	13.07
		For Primed For Paint Finish, Deduct		*-23.30*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add		*14.56*	
		For Satin Brass Plated Clear Coated Finish, Deduct		*-13.98*	
		For Stainless Steel, Add		*64.06*	
		For Heavy Duty, Add		*17.47*	
		For Pair Of Non-Removable Pins (NRP), Add		*6.00*	
08 71 11 00-0047		Half Surface, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*			
		Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.			
08 71 11 00-0048	PR	4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge		169.52	11.05
		For Primed For Paint Finish, Deduct		*-23.85*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add		*14.91*	
		For Satin Brass Plated Clear Coated Finish, Deduct		*-14.31*	
		For Stainless Steel, Add		*65.59*	
		For Heavy Duty, Add		*17.89*	
		For Pair Of Non-Removable Pins (NRP), Add		*6.00*	
08 71 11 00-0049	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge		189.41	11.05
		For Primed For Paint Finish, Deduct		*-26.39*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add		*16.50*	
		For Satin Brass Plated Clear Coated Finish, Deduct		*-15.84*	
		For Stainless Steel, Add		*72.58*	
		For Heavy Duty, Add		*19.79*	
		For Pair Of Non-Removable Pins (NRP), Add		*6.00*	
08 71 11 00-0050	PR	5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge		219.56	13.07
		For Primed For Paint Finish, Deduct		*-30.51*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add		*19.07*	
		For Satin Brass Plated Clear Coated Finish, Deduct		*-18.30*	
		For Stainless Steel, Add		*83.90*	
		For Heavy Duty, Add		*22.88*	
		For Pair Of Non-Removable Pins (NRP), Add		*6.00*	
08 71 11 00-0051		Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*			
		Note: Both leaves slide into a cavity prepared in the door and door frame.			
08 71 11 00-0052	PR	4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge		160.70	11.05
		For Primed For Paint Finish, Deduct		*-20.65*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add		*12.91*	
		For Satin Brass Plated Clear Coated Finish, Deduct		*-12.39*	
		For Stainless Steel, Add		*56.79*	
		For Heavy Duty, Add		*15.49*	
		For Pair Of Non-Removable Pins (NRP), Add		*6.00*	
08 71 11 00-0053		Blank Butt Hinges *(08 71 11 00-0030)*			
08 71 11 00-0054	PR	3-1/2" x 3-1/2" To 5" x 5", Blank Butt With Screws, Steel Hinge		31.12	4.52
		For Primed For Paint Finish, Deduct		*-2.63*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add		*1.64*	
		For Satin Brass Plated Clear Coated Finish, Deduct		*-1.58*	
		For Stainless Steel, Add		*7.23*	
		For Heavy Duty, Add		*1.97*	
		For Pair Of Non-Removable Pins (NRP), Add		*6.00*	
08 71 11 00-0055		Full Mortise, Single Acting Spring, Wrought Steel Hinges *(08 71 11 00-0030)*			
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.			
08 71 11 00-0056	PR	3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge		136.56	7.03
		For Primed For Paint Finish, Deduct		*-19.72*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add		*12.33*	
		For Satin Brass Plated Clear Coated Finish, Deduct		*-11.83*	
		For Stainless Steel, Add		*54.24*	
08 71 11 00-0057	PR	4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge		179.26	10.06
		For Primed For Paint Finish, Deduct		*-25.80*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add		*16.13*	
		For Satin Brass Plated Clear Coated Finish, Deduct		*-15.48*	
		For Stainless Steel, Add		*70.95*	
08 71 11 00-0058	PR	4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge		247.21	11.05
		For Primed For Paint Finish, Deduct		*-37.95*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add		*23.72*	
		For Satin Brass Plated Clear Coated Finish, Deduct		*-22.77*	
		For Stainless Steel, Add		*104.37*	
08 71 11 00-0059		Offset And Pivot Hinges *(08 71 11 00-0001)*			
		Note: Satin chrome plated, US26D.			
08 71 11 00-0060		Offset Swing Clear Hinges *(08 71 11 00-0059)*			
		Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.			
08 71 11 00-0061	EA	4-1/2", Steel, Satin Chrome Finish, Swing Clear, Offset Hinges		252.22	3.13
08 71 11 00-0062		Offset Pivot Hinges *(08 71 11 00-0059)*			
08 71 11 00-0063		3/4" Offset Pivot Hinges *(08 71 11 00-0062)*			

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0064		3/4" Offset Pivot Hinges *(08 71 11 00-0063)*		
08 71 11 00-0065		Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0064)*		
08 71 11 00-0066		200 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*		
08 71 11 00-0067	EA	Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	128.88	10.06
08 71 11 00-0068	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	173.39	10.06
08 71 11 00-0069	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	198.12	10.06
08 71 11 00-0070	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	198.12	10.06
08 71 11 00-0071	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	198.12	10.06
08 71 11 00-0072	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	198.12	10.06
08 71 11 00-0073	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	198.12	10.06
08 71 11 00-0074	EA	Painted Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	141.74	10.06
08 71 11 00-0075	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	180.33	10.06
08 71 11 00-0076	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	206.04	10.06
08 71 11 00-0077	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	206.04	10.06
08 71 11 00-0078	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	206.04	10.06
08 71 11 00-0079	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	206.04	10.06
08 71 11 00-0080	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	206.04	10.06
08 71 11 00-0081	EA	Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	128.88	10.06
08 71 11 00-0082	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	173.39	10.06
08 71 11 00-0083	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	198.12	10.06
08 71 11 00-0084	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	198.12	10.06
08 71 11 00-0085	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	198.12	10.06
08 71 11 00-0086	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	198.12	10.06
08 71 11 00-0087	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	198.12	10.06
08 71 11 00-0088		500 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*		
08 71 11 00-0089	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	133.91	12.57
08 71 11 00-0090	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	178.42	12.57
08 71 11 00-0091	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	203.15	12.57
08 71 11 00-0092	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	203.15	12.57
08 71 11 00-0093	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	203.15	12.57
08 71 11 00-0094	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	203.15	12.57
08 71 11 00-0095	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	203.15	12.57
08 71 11 00-0096		600 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*		
08 71 11 00-0097	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	133.91	12.57
08 71 11 00-0098	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	178.42	12.57
08 71 11 00-0099	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	203.15	12.57
08 71 11 00-0100	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	203.15	12.57
08 71 11 00-0101	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	203.15	12.57
08 71 11 00-0102	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	203.15	12.57
08 71 11 00-0103	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	203.15	12.57
08 71 11 00-0104		700 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*		
08 71 11 00-0105	EA	Painted Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	133.91	12.57
08 71 11 00-0106	EA	Satin Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	178.42	12.57
08 71 11 00-0107	EA	Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	203.15	12.57
08 71 11 00-0108	EA	Satin Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	203.15	12.57
08 71 11 00-0109	EA	Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	203.15	12.57
08 71 11 00-0110	EA	Dark Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	203.15	12.57
08 71 11 00-0111	EA	Bright Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	203.15	12.57
08 71 11 00-0112		Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0064)*		
08 71 11 00-0113		200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)*		
08 71 11 00-0114	EA	Painted Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	160.53	10.06
08 71 11 00-0115	EA	Satin Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	198.12	10.06
08 71 11 00-0116	EA	Bright Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	224.82	10.06
08 71 11 00-0117	EA	Satin Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	224.82	10.06
08 71 11 00-0118	EA	Satin Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	224.82	10.06
08 71 11 00-0119	EA	Dark Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	224.82	10.06
08 71 11 00-0120	EA	Bright Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	224.82	10.06
08 71 11 00-0121		500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)*		
08 71 11 00-0122	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	178.42	12.57
08 71 11 00-0123	EA	Satin Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	190.29	12.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0124	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	211.07	12.57
08 71 11 00-0125	EA	Satin Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	211.07	12.57
08 71 11 00-0126	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	211.07	12.57
08 71 11 00-0127	EA	Dark Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	211.07	12.57
08 71 11 00-0128	EA	Bright Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	211.07	12.57
08 71 11 00-0129		600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)*		
08 71 11 00-0130	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	178.42	12.57
08 71 11 00-0131	EA	Satin Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	190.29	12.57
08 71 11 00-0132	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	211.07	12.57
08 71 11 00-0133	EA	Satin Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	211.07	12.57
08 71 11 00-0134	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	211.07	12.57
08 71 11 00-0135	EA	Dark Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	211.07	12.57
08 71 11 00-0136	EA	Bright Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	211.07	12.57
08 71 11 00-0137		700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)*		
08 71 11 00-0138	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	178.42	12.57
08 71 11 00-0139	EA	Satin Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	190.29	12.57
08 71 11 00-0140	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	211.07	12.57
08 71 11 00-0141	EA	Satin Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	211.07	12.57
08 71 11 00-0142	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	211.07	12.57
08 71 11 00-0143	EA	Dark Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	211.07	12.57
08 71 11 00-0144	EA	Bright Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	211.07	12.57
08 71 11 00-0145		Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0064)*		
08 71 11 00-0146		200 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)*		
08 71 11 00-0147	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	141.74	10.06
08 71 11 00-0148	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	180.33	10.06
08 71 11 00-0149	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	206.04	10.06
08 71 11 00-0150	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	206.04	10.06
08 71 11 00-0151	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	206.04	10.06
08 71 11 00-0152	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	283.14	10.06
08 71 11 00-0153	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	206.04	10.06
08 71 11 00-0154	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	141.74	10.06
08 71 11 00-0155	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	180.33	10.06
08 71 11 00-0156	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	206.04	10.06
08 71 11 00-0157	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	206.04	10.06
08 71 11 00-0158	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	206.04	10.06
08 71 11 00-0159	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	206.04	10.06
08 71 11 00-0160	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	206.04	10.06
08 71 11 00-0161	EA	Painted Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	122.96	10.06
08 71 11 00-0162	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	167.47	10.06
08 71 11 00-0163	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	193.17	10.06
08 71 11 00-0164	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	193.17	10.06
08 71 11 00-0165	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	193.17	10.06
08 71 11 00-0166	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	193.17	10.06
08 71 11 00-0167	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	193.17	10.06
08 71 11 00-0168		500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)*		
08 71 11 00-0169	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	216.01	12.57
08 71 11 00-0170	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	229.85	12.57
08 71 11 00-0171	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	229.85	12.57
08 71 11 00-0172	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	229.85	12.57
08 71 11 00-0173	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	229.85	12.57
08 71 11 00-0174	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	229.85	12.57
08 71 11 00-0175	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	233.81	12.57
08 71 11 00-0176		600 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)*		
08 71 11 00-0177	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	185.36	12.57
08 71 11 00-0178	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	203.15	12.57
08 71 11 00-0179	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	216.01	12.57
08 71 11 00-0180	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	216.01	12.57
08 71 11 00-0181	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	216.01	12.57
08 71 11 00-0182	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	216.01	12.57
08 71 11 00-0183	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	216.01	12.57
08 71 11 00-0184		700 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)*		
08 71 11 00-0185	EA	Painted Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	426.66	12.57
08 71 11 00-0186	EA	Satin Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	458.31	12.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0187	EA	Bright Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	508.76	12.57
08 71 11 00-0188	EA	Satin Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	508.76	12.57
08 71 11 00-0189	EA	Satin Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	508.76	12.57
08 71 11 00-0190	EA	Dark Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	508.76	12.57
08 71 11 00-0191	EA	Bright Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	508.76	12.57
08 71 11 00-0192		Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0063)*		
08 71 11 00-0193		Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0192)*		
08 71 11 00-0194		500 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0195	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	253.61	12.57
08 71 11 00-0196	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	300.07	12.57
08 71 11 00-0197	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	337.66	12.57
08 71 11 00-0198	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	337.66	12.57
08 71 11 00-0199	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	337.66	12.57
08 71 11 00-0200		600 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0201	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	253.61	12.57
08 71 11 00-0202	EA	Satin Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	300.07	12.57
08 71 11 00-0203	EA	Bright Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	337.66	12.57
08 71 11 00-0204	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	337.66	12.57
08 71 11 00-0205	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	337.66	12.57
08 71 11 00-0206		700 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0207	EA	Painted Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	253.61	12.57
08 71 11 00-0208	EA	Satin Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	300.07	12.57
08 71 11 00-0209	EA	Bright Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	337.66	12.57
08 71 11 00-0210	EA	Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	337.66	12.57
08 71 11 00-0211	EA	Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	337.66	12.57
08 71 11 00-0212		1,000 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0213	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	266.53	15.08
08 71 11 00-0214	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	305.10	15.08
08 71 11 00-0215	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	322.91	15.08
08 71 11 00-0216	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	322.91	15.08
08 71 11 00-0217	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	322.91	15.08
08 71 11 00-0218		1,750 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0219	EA	Painted Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	266.53	15.08
08 71 11 00-0220	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	305.10	15.08
08 71 11 00-0221	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	322.91	15.08
08 71 11 00-0222	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	322.91	15.08
08 71 11 00-0223	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	322.91	15.08
08 71 11 00-0224		Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0192)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0225		500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0226	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	261.50	12.57
08 71 11 00-0227	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	305.02	12.57
08 71 11 00-0228	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	317.88	12.57
08 71 11 00-0229	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	317.88	12.57
08 71 11 00-0230	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	317.88	12.57
08 71 11 00-0231		600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0232	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	261.50	12.57
08 71 11 00-0233	EA	Satin Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	305.02	12.57
08 71 11 00-0234	EA	Bright Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	317.88	12.57
08 71 11 00-0235	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	317.88	12.57
08 71 11 00-0236	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	317.88	12.57
08 71 11 00-0237		700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0238	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	261.50	12.57
08 71 11 00-0239	EA	Satin Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	305.02	12.57
08 71 11 00-0240	EA	Bright Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	317.88	12.57
08 71 11 00-0241	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	317.88	12.57
08 71 11 00-0242	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	317.88	12.57
08 71 11 00-0243		1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0244	EA	Painted Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	292.25	15.08
08 71 11 00-0245	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	336.75	15.08
08 71 11 00-0246	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	348.61	15.08
08 71 11 00-0247	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	348.61	15.08
08 71 11 00-0248	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	348.61	15.08
08 71 11 00-0249		1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0250	EA	Painted Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	292.25	15.08
08 71 11 00-0251	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	336.75	15.08
08 71 11 00-0252	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	348.61	15.08
08 71 11 00-0253	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	348.61	15.08
08 71 11 00-0254	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	348.61	15.08
08 71 11 00-0255		Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0192)*		
08 71 11 00-0256		500 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)*		
08 71 11 00-0257	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	292.17	12.57
08 71 11 00-0258	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	362.39	12.57
08 71 11 00-0259	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	389.09	12.57

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08 71 11 00-0260	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	389.09	12.57
08 71 11 00-0261	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	389.09	12.57
08 71 11 00-0262		600 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)*		
08 71 11 00-0263	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	287.22	12.57
08 71 11 00-0264	EA	Satin Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	305.02	12.57
08 71 11 00-0265	EA	Bright Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	350.52	12.57
08 71 11 00-0266	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	350.52	12.57
08 71 11 00-0267	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	350.52	12.57
08 71 11 00-0268		1,000 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)*		
08 71 11 00-0269	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	329.83	15.08
08 71 11 00-0270	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	367.42	15.08
08 71 11 00-0271	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	381.26	15.08
08 71 11 00-0272	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	381.26	15.08
08 71 11 00-0273	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	381.26	15.08
08 71 11 00-0274		1,750 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)*		
08 71 11 00-0275	EA	Painted Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	469.28	15.08
08 71 11 00-0276	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	500.93	15.08
08 71 11 00-0277	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	513.79	15.08
08 71 11 00-0278	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	513.79	15.08
08 71 11 00-0279	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	513.79	15.08
08 71 11 00-0280		1-1/2" Offset Pivot Hinges *(08 71 11 00-0062)*		
08 71 11 00-0281		Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0280)*		
08 71 11 00-0282		Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)*		
08 71 11 00-0283		400 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0282)*		
08 71 11 00-0284	EA	Painted Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	300.07	12.57
08 71 11 00-0285	EA	Satin Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	324.80	12.57
08 71 11 00-0286	EA	Bright Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	343.58	12.57
08 71 11 00-0287	EA	Bright Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	343.58	12.57
08 71 11 00-0288	EA	Satin Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	343.58	12.57
08 71 11 00-0289		500 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0282)*		
08 71 11 00-0290	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	300.07	12.57
08 71 11 00-0291	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	324.80	12.57
08 71 11 00-0292	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	343.58	12.57
08 71 11 00-0293	EA	Bright Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	343.58	12.57
08 71 11 00-0294	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	343.58	12.57

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0295		Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)*		
08 71 11 00-0296		400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0295)*		
08 71 11 00-0297	EA	Painted Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	311.93	12.57
08 71 11 00-0298	EA	Satin Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	350.52	12.57
08 71 11 00-0299	EA	Bright Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	369.31	12.57
08 71 11 00-0300	EA	Bright Brass Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	369.31	12.57
08 71 11 00-0301	EA	Satin Bronze Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	369.31	12.57
08 71 11 00-0302		500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0295)*		
08 71 11 00-0303	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	311.93	12.57
08 71 11 00-0304	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	350.52	12.57
08 71 11 00-0305	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	369.31	12.57
08 71 11 00-0306	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	369.31	12.57
08 71 11 00-0307	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	369.31	12.57
08 71 11 00-0308		Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)*		
08 71 11 00-0309		400 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0308)*		
08 71 11 00-0310	EA	Painted Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	305.02	12.57
08 71 11 00-0311	EA	Satin Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	350.52	12.57
08 71 11 00-0312	EA	Bright Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	369.31	12.57
08 71 11 00-0313	EA	Bright Brass Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	369.31	12.57
08 71 11 00-0314	EA	Satin Bronze Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	369.31	12.57
08 71 11 00-0315		500 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0308)*		
08 71 11 00-0316	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	495.90	12.57
08 71 11 00-0317	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	547.33	12.57
08 71 11 00-0318	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	560.19	12.57
08 71 11 00-0319	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	560.19	12.57
08 71 11 00-0320	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	560.19	12.57
08 71 11 00-0321		Center Hung Pivot Hinges *(08 71 11 00-0059)*		
08 71 11 00-0322		Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0321)*		
08 71 11 00-0323		300 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)*		
08 71 11 00-0324	EA	Painted Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	154.61	10.06
08 71 11 00-0325	EA	Satin Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	167.47	10.06
08 71 11 00-0326	EA	Bright Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	167.47	10.06
08 71 11 00-0327	EA	Satin Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	167.47	10.06
08 71 11 00-0328	EA	Satin Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	167.47	10.06
08 71 11 00-0329	EA	Dark Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	167.47	10.06
08 71 11 00-0330	EA	Bright Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	167.47	10.06
08 71 11 00-0331		500 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)*		
08 71 11 00-0332	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	159.64	12.57
08 71 11 00-0333	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	172.50	12.57
08 71 11 00-0334	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	172.50	12.57
08 71 11 00-0335	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	172.50	12.57
08 71 11 00-0336	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	172.50	12.57
08 71 11 00-0337	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	172.50	12.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0338	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	172.50	12.57
08 71 11 00-0339		**600 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges** *(08 71 11 00-0322)*		
08 71 11 00-0340	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	159.64	12.57
08 71 11 00-0341	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	172.50	12.57
08 71 11 00-0342	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	172.50	12.57
08 71 11 00-0343	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	172.50	12.57
08 71 11 00-0344	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	172.50	12.57
08 71 11 00-0345	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	172.50	12.57
08 71 11 00-0346	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	172.50	12.57
08 71 11 00-0347		**1,000 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges** *(08 71 11 00-0322)*		
08 71 11 00-0348	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	253.67	15.08
08 71 11 00-0349	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	297.20	15.08
08 71 11 00-0350	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	342.69	15.08
08 71 11 00-0351	EA	Satin Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	342.69	15.08
08 71 11 00-0352	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	342.69	15.08
08 71 11 00-0353	EA	Dark Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	342.69	15.08
08 71 11 00-0354	EA	Bright Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	342.69	15.08
08 71 11 00-0355		**Bottom Mount, Center Hung Pivot Hinges** *(08 71 11 00-0321)*		
08 71 11 00-0356		**300 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges** *(08 71 11 00-0355)*		
08 71 11 00-0357	EA	Painted Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	117.01	10.06
08 71 11 00-0358	EA	Satin Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	135.82	10.06
08 71 11 00-0359	EA	Bright Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	154.61	10.06
08 71 11 00-0360	EA	Satin Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	154.61	10.06
08 71 11 00-0361	EA	Satin Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	154.61	10.06
08 71 11 00-0362	EA	Dark Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	154.61	10.06
08 71 11 00-0363	EA	Bright Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	154.61	10.06
08 71 11 00-0364		**500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0355)*		
08 71 11 00-0365	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	172.50	12.57
08 71 11 00-0366	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	178.42	12.57
08 71 11 00-0367	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	178.42	12.57
08 71 11 00-0368	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	178.42	12.57
08 71 11 00-0369	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	178.42	12.57
08 71 11 00-0370	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	178.42	12.57
08 71 11 00-0371	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	178.42	12.57
08 71 11 00-0372	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	172.50	12.57
08 71 11 00-0373	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	178.42	12.57
08 71 11 00-0374	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	178.42	12.57
08 71 11 00-0375	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	178.42	12.57
08 71 11 00-0376	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	178.42	12.57
08 71 11 00-0377	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	178.42	12.57
08 71 11 00-0378	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	178.42	12.57
08 71 11 00-0379		**600 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges** *(08 71 11 00-0355)*		
08 71 11 00-0380	EA	Painted Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	350.52	12.57
08 71 11 00-0381	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	369.31	12.57
08 71 11 00-0382	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	389.09	12.57
08 71 11 00-0383	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	389.09	12.57
08 71 11 00-0384	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	389.09	12.57
08 71 11 00-0385	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	389.09	12.57
08 71 11 00-0386	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	389.09	12.57

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0387		**1,000 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges** *(08 71 11 00-0355)*		
08 71 11 00-0388	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	647.31	15.08
08 71 11 00-0389	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	666.09	15.08
08 71 11 00-0390	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	691.82	15.08
08 71 11 00-0391	EA	Satin Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	691.82	15.08
08 71 11 00-0392	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	691.82	15.08
08 71 11 00-0393	EA	Dark Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	691.82	15.08
08 71 11 00-0394	EA	Bright Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	691.82	15.08
08 71 11 00-0395		**Continuous Barrel-Type Hinge** *(08 71 11 00-0001)*		
08 71 11 00-0396	LF	1-1/2" Wide, Steel, Continuous Barrel-Type Hinge	30.33	4.02
		For Stainless Steel, Add	*7.84*	
		For Brass Or Nickel, Add	*8.55*	
		For Aluminum, Add	*2.79*	
		For Medium Gauge, Deduct	*-2.85*	
08 71 11 00-0397	LF	2" Wide, Steel, Continuous Barrel-Type Hinge	31.28	4.02
		For Stainless Steel, Add	*8.36*	
		For Brass Or Nickel, Add	*9.12*	
		For Aluminum, Add	*2.98*	
		For Medium Gauge, Deduct	*-3.04*	
08 71 11 00-0398	LF	2-1/2" Wide, Steel, Continuous Barrel-Type Hinge	33.18	4.02
		For Stainless Steel, Add	*9.41*	
		For Brass Or Nickel, Add	*10.26*	
		For Aluminum, Add	*3.35*	
		For Medium Gauge, Deduct	*-3.42*	
08 71 11 00-0399	LF	3" Wide, Steel, Continuous Barrel-Type Hinge	35.33	4.02
		For Stainless Steel, Add	*10.59*	
		For Brass Or Nickel, Add	*11.55*	
		For Aluminum, Add	*3.77*	
		For Medium Gauge, Deduct	*-3.85*	
08 71 11 00-0400		**Continuous Geared Hinges** *(08 71 11 00-0001)*		
08 71 11 00-0401	LF	Half Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-053)	57.00	4.02
		For Bronze Finish, Add	*15.35*	
		For Heavy Duty, Add	*10.93*	
08 71 11 00-0402	LF	Full Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-057)	61.79	4.02
		For Bronze Finish, Add	*17.14*	
		For Heavy Duty, Add	*12.21*	
08 71 11 00-0403	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-112)	37.81	4.02
		For Bronze Finish, Add	*8.15*	
08 71 11 00-0404	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Heavy Duty (Roton 780-112HD)	44.74	4.02
		For Bronze Finish, Add	*10.75*	
08 71 11 00-0405		**Mortised, Primed Steel, Double Acting Spring Hinges** *(08 71 11 00-0001)*		
08 71 11 00-0406	PR	2", Mortised, Primed Steel, Double Acting Spring Hinge	162.26	7.03
		For Satin Brass, Add	*30.50*	
08 71 11 00-0407	PR	3", Mortised, Primed Steel, Double Acting Spring Hinge	172.37	9.05
		For Satin Brass, Add	*30.51*	
08 71 11 00-0408	PR	4", Mortised, Primed Steel, Double Acting Spring Hinge	189.35	11.05
		For Satin Brass, Add	*32.17*	
08 71 11 00-0409	PR	5", Mortised, Primed Steel, Double Acting Spring Hinge	250.82	13.07
		For Satin Brass, Add	*44.51*	
08 71 11 00-0410	PR	6", Mortised, Primed Steel, Double Acting Spring Hinge	279.67	15.08
		For Satin Brass, Add	*49.02*	
08 71 11 00-0411	PR	7", Mortised, Primed Steel, Double Acting Spring Hinge	338.49	17.09
		For Satin Brass, Add	*60.73*	
08 71 11 00-0412	PR	8", Mortised, Primed Steel, Double Acting Spring Hinge	467.67	47.76
		For Satin Brass, Add	*89.32*	
08 71 11 00-0413		**Security Hinges** *(08 71 11 00-0001)*		
08 71 11 00-0414	EA	4-1/2" x 4-1/2", Non Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge	37.53	7.03
08 71 11 00-0415		**Concealed Circuit Electric Hinge Option** *(08 71 11 00-0001)* Note: Excludes the hinge. These tasks are used in conjunction with other hinges in the Construction Task Catalog® to electrify the hinge.		
08 71 11 00-0416	EA	4 Wire Concealed Circuit Electric Hinge Option	293.21	
08 71 11 00-0417	EA	6 Wire Concealed Circuit Electric Hinge Option	346.18	
08 71 11 00-0418	EA	8 Wire Concealed Circuit Electric Hinge Option	399.16	
08 71 11 00-0419		**Hinge Filler Plates For Door Frames** *(08 71 11 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0420	PR	Hinge Filler Plates For Door Frames	19.65	5.03
08 71 11 00-0421		**Door Trim** *(08 71 11)*		
08 71 11 00-0422		**Floor Stops, Wall Stops And Bumpers** *(08 71 11 00-0421)*		
08 71 11 00-0423		**Floor Stops** *(08 71 11 00-0422)*		
08 71 11 00-0424		**Aluminum Floor Stops** *(08 71 11 00-0423)*		
08 71 11 00-0425	EA	1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430)	28.69	12.57
08 71 11 00-0426	EA	1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436)	32.22	12.57
08 71 11 00-0427	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438)	33.57	12.57
08 71 11 00-0428	EA	2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441)	54.08	12.57
08 71 11 00-0429	EA	3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448)	56.53	12.57
08 71 11 00-0430		**Brass Floor Stops** *(08 71 11 00-0423)*		
08 71 11 00-0431	EA	1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436)	32.71	12.57
08 71 11 00-0432	EA	1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436)	34.06	12.57
08 71 11 00-0433	EA	1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436)	34.06	12.57
08 71 11 00-0434	EA	1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436)	34.59	12.57
08 71 11 00-0435	EA	1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436)	35.28	12.57
08 71 11 00-0436	EA	1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436)	35.28	12.57
08 71 11 00-0437	EA	1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436)	35.28	12.57
08 71 11 00-0438	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438)	33.57	12.57
08 71 11 00-0439	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438)	35.61	12.57
08 71 11 00-0440	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438)	35.61	12.57
08 71 11 00-0441	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438)	36.41	12.57
08 71 11 00-0442	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438)	37.09	12.57
08 71 11 00-0443	EA	1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438)	37.09	12.57
08 71 11 00-0444	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438)	40.32	12.57
08 71 11 00-0445	EA	1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13)	35.74	12.57
08 71 11 00-0446	EA	1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13)	35.74	12.57
08 71 11 00-0447	EA	1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13)	37.98	12.57
08 71 11 00-0448	EA	1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13)	37.98	12.57
08 71 11 00-0449	EA	1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13)	37.98	12.57
08 71 11 00-0450	EA	1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13)	37.98	12.57
08 71 11 00-0451	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17)	37.29	12.57
08 71 11 00-0452	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17)	37.29	12.57
08 71 11 00-0453	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17)	39.47	12.57
08 71 11 00-0454	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17)	39.47	12.57
08 71 11 00-0455	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17)	39.47	12.57
08 71 11 00-0456	EA	1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17)	39.47	12.57
08 71 11 00-0457	EA	2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441)	56.06	12.57
08 71 11 00-0458	EA	2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441)	57.03	12.57
08 71 11 00-0459	EA	2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441)	59.37	12.57
08 71 11 00-0460	EA	2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441)	61.27	12.57
08 71 11 00-0461	EA	2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441)	61.27	12.57
08 71 11 00-0462	EA	2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441)	69.02	12.57
08 71 11 00-0463	EA	2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441)	69.02	12.57
08 71 11 00-0464	EA	3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448)	66.15	12.57
08 71 11 00-0465	EA	3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448)	67.53	12.57
08 71 11 00-0466	EA	3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448)	67.53	12.57
08 71 11 00-0467	EA	3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448)	67.53	12.57
08 71 11 00-0468	EA	3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448)	67.53	12.57
08 71 11 00-0469	EA	3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448)	78.15	12.57
08 71 11 00-0470	EA	3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448)	78.15	12.57
08 71 11 00-0471	EA	1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430)	44.51	12.57
08 71 11 00-0472	EA	1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430)	46.28	12.57
08 71 11 00-0473	EA	1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430)	50.27	12.57
08 71 11 00-0474	EA	1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430)	50.27	12.57
08 71 11 00-0475	EA	1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430)	50.27	12.57
08 71 11 00-0476	EA	1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430)	51.46	12.57
08 71 11 00-0477	EA	2-1/4" Overall Height, Polished Or Satin Finish, Brass Floor Stop (Rockwood 481H)	70.32	12.57
08 71 11 00-0478		**Steel Floor Stops** *(08 71 11 00-0423)*		
08 71 11 00-0479	EA	2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434)	37.62	12.57
08 71 11 00-0480	EA	1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S) Note: Includes drilling. Excludes Grout.	103.29	12.57
08 71 11 00-0481	EA	3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L) Note: Includes drilling. Excludes Grout.	108.88	12.57
08 71 11 00-0482		**Wall Stops** *(08 71 11 00-0422)*		
08 71 11 00-0483		**Aluminum Wall Stops** *(08 71 11 00-0482)*		
08 71 11 00-0484	EA	3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60)	14.94	5.03
08 71 11 00-0485	EA	3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65)	21.70	7.54

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0486		**Brass Wall Stops** *(08 71 11 00-0482)*		
08 71 11 00-0487	EA	3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60)	26.96	5.03
08 71 11 00-0488	EA	3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60)	26.96	5.03
08 71 11 00-0489	EA	3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60)	26.96	5.03
08 71 11 00-0490	EA	3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60)	32.20	5.03
08 71 11 00-0491	EA	3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60)	32.69	5.03
08 71 11 00-0492	EA	3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60)	32.69	5.03
08 71 11 00-0493	EA	3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60)	32.69	5.03
08 71 11 00-0494	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11)	77.55	7.54
08 71 11 00-0495	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11)	79.40	7.54
08 71 11 00-0496	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11)	79.40	7.54
08 71 11 00-0497	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11)	79.40	7.54
08 71 11 00-0498	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11)	79.40	7.54
08 71 11 00-0499	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11)	79.40	7.54
08 71 11 00-0500	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447)	64.54	7.54
08 71 11 00-0501	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447)	74.52	7.54
08 71 11 00-0502	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447)	74.52	7.54
08 71 11 00-0503	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447)	74.52	7.54
08 71 11 00-0504	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447)	74.52	7.54
08 71 11 00-0505	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447)	76.89	7.54
08 71 11 00-0506	EA	3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447)	76.89	7.54
08 71 11 00-0507	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33)	126.18	7.54
08 71 11 00-0508		**Steel Wall Stops** *(08 71 11 00-0482)*		
08 71 11 00-0509	EA	3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63)	11.08	5.03
08 71 11 00-0510		**Hinge Pin Door Stops** *(08 71 11 00-0422)*		
08 71 11 00-0511		**Aluminum Hinge Pin Door Stops** *(08 71 11 00-0510)*		
08 71 11 00-0512	EA	Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70)	23.13	10.06
08 71 11 00-0513		**Brass Hinge Pin Door Stops** *(08 71 11 00-0510)*		
08 71 11 00-0514	EA	Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72)	23.71	10.06
08 71 11 00-0515	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73)	27.35	10.06
08 71 11 00-0516	EA	Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	36.12	10.06
08 71 11 00-0517	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	36.12	10.06
08 71 11 00-0518	EA	Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	36.12	10.06
08 71 11 00-0519	EA	Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	40.23	10.06
08 71 11 00-0520	EA	Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	40.23	10.06
08 71 11 00-0521	EA	Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	40.23	10.06
08 71 11 00-0522	EA	Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70)	40.23	10.06
08 71 11 00-0523		**Wall Bumpers** *(08 71 11 00-0422)*		
08 71 11 00-0524		**Brass Wall Bumpers** *(08 71 11 00-0523)*		
08 71 11 00-0525	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	30.86	12.57
08 71 11 00-0526	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	30.86	12.57
08 71 11 00-0527	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	30.86	12.57
08 71 11 00-0528	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	31.36	12.57
08 71 11 00-0529	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	31.36	12.57
08 71 11 00-0530	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	31.36	12.57
08 71 11 00-0531	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407)	31.36	12.57
08 71 11 00-0532	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	48.23	12.57
08 71 11 00-0533	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	52.81	12.57
08 71 11 00-0534	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	52.81	12.57
08 71 11 00-0535	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	52.81	12.57
08 71 11 00-0536	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	52.81	12.57
08 71 11 00-0537	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	52.81	12.57
08 71 11 00-0538	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402)	53.83	12.57
08 71 11 00-0539		**Rubber Wall Bumpers** *(08 71 11 00-0523)*		
08 71 11 00-0540	EA	1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W)	29.04	12.57

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0541		**Cast Wall Bumpers** *(08 71 11 00-0523)*		
08 71 11 00-0542	EA	2-1/8" Base Diameter, Concave, Prison Version, Satin Chrome Finish, Cast, Wall Bumper (Trimco 1270CVPV)	52.31	13.07
		For Owner Furnished Material, Deduct	*-27.18*	
08 71 11 00-0543	EA	2-1/8" Base Diameter, Concave, Satin Chrome Finish, Cast, Wall Bumper (Trimco 1270CV)	41.69	13.07
		For Owner Furnished Material, Deduct	*-16.56*	
08 71 11 00-0544	EA	2-1/8" Base Diameter, Convex, Satin Chrome Finish, Cast Décor, Wall Bumper (Trimco 1278CX)	45.75	13.07
		For Owner Furnished Material, Deduct	*-20.62*	
08 71 11 00-0545		**Holders** *(08 71 11 00-0421)*		
08 71 11 00-0546		**Plunger Type Door Holders** *(08 71 11 00-0545)*		
08 71 11 00-0547		**Aluminum Plunger Type Door Holders** *(08 71 11 00-0546)*		
08 71 11 00-0548	EA	Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153)	82.10	7.54
08 71 11 00-0549		**Brass Plunger Type Door Holders** *(08 71 11 00-0546)*		
08 71 11 00-0550	EA	Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	135.97	7.54
08 71 11 00-0551	EA	Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	135.97	7.54
08 71 11 00-0552	EA	Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	135.97	7.54
08 71 11 00-0553	EA	Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	135.97	7.54
08 71 11 00-0554	EA	Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	135.97	7.54
08 71 11 00-0555	EA	Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	135.97	7.54
08 71 11 00-0556	EA	Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154)	135.97	7.54
08 71 11 00-0557		**Kick Down Door Holders** *(08 71 11 00-0545)*		
08 71 11 00-0558		**Aluminum Kick Down Door Holders** *(08 71 11 00-0557)*		
08 71 11 00-0559	EA	Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455)	26.02	7.54
08 71 11 00-0560		**Brass Kick Down Door Holders** *(08 71 11 00-0557)*		
08 71 11 00-0561	EA	Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455)	59.52	7.54
08 71 11 00-0562	EA	Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455)	59.52	7.54
08 71 11 00-0563	EA	Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	59.52	7.54
08 71 11 00-0564	EA	Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	68.26	7.54
08 71 11 00-0565	EA	Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	68.26	7.54
08 71 11 00-0566	EA	Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	68.26	7.54
08 71 11 00-0567	EA	Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455)	70.47	7.54
08 71 11 00-0568		**Steel Kick Down Door Holders** *(08 71 11 00-0557)*		
08 71 11 00-0569	EA	Steel Kick Down Door Holder (Ives FS544)	32.78	7.54
08 71 11 00-0570		**Floor Mounted Door Holders** *(08 71 11 00-0545)*		
08 71 11 00-0571		**Brass Floor Mounted Door Holders** *(08 71 11 00-0570)*		
08 71 11 00-0572	EA	Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	116.42	15.08
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0573	EA	Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	116.42	15.08
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0574	EA	Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	145.45	15.08
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0575	EA	Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	145.45	15.08
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0576	EA	Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	145.45	15.08
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0577	EA	Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	145.45	15.08
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0578	EA	Up To 1/2" Door To Floor Clearance, Polished Or Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Rockwood 491)	111.52	15.08
		Note: Includes FH MS / plastic anchors.		
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0579	EA	Up To 1/2" Door To Floor Clearance, Polished Or Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Rockwood 491R)	115.73	15.08
		Note: Includes FH MS / lead anchors.		
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0580	EA	Up To 1/2" Door To Floor Clearance, Polished Or Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Rockwood 491S)	122.74	15.08
		Note: Includes FH MS / lead anchors and bolts.		
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0581		**Wall Mounted Door Holders** *(08 71 11 00-0545)*		
08 71 11 00-0582		**Aluminum Wall Mounted Door Holders** *(08 71 11 00-0581)*		
08 71 11 00-0583	EA	4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20)	104.87	8.80
08 71 11 00-0584	EA	Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40)	153.09	15.08
08 71 11 00-0585		**Brass Wall Mounted Door Holders** *(08 71 11 00-0581)*		
08 71 11 00-0586	EA	3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	96.08	8.80
08 71 11 00-0587	EA	3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	111.82	8.80
08 71 11 00-0588	EA	3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	111.82	8.80
08 71 11 00-0589	EA	3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	111.82	8.80
08 71 11 00-0590	EA	3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	111.82	8.80
08 71 11 00-0591	EA	3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	111.82	8.80
08 71 11 00-0592	EA	3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	115.52	8.80
08 71 11 00-0593	EA	4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	109.26	8.80
08 71 11 00-0594	EA	4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	130.73	8.80
08 71 11 00-0595	EA	4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	130.73	8.80
08 71 11 00-0596	EA	4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	130.73	8.80
08 71 11 00-0597	EA	4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	130.73	8.80
08 71 11 00-0598	EA	4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	130.73	8.80
08 71 11 00-0599	EA	Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40)	174.51	15.08
08 71 11 00-0600	EA	Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40)	184.16	15.08
08 71 11 00-0601	EA	Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40)	184.16	15.08
08 71 11 00-0602	EA	Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40)	184.16	15.08
08 71 11 00-0603	EA	Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40)	184.16	15.08
08 71 11 00-0604	EA	Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40)	184.16	15.08
08 71 11 00-0605	EA	3-1/4" Projection, Rigid Type, Polished Or Satin Finish, Brass Wall Stop And Manual Door Holder (Rockwell 494)	103.77	8.80
08 71 11 00-0606	EA	3-1/4" Projection, Rigid Type, Polished Or Satin Finish, Brass Wall Stop And Manual Door Holder (Rockwell 494R)	107.99	8.80
		Note: Includes FH MS / lead anchors.		
08 71 11 00-0607	EA	3-1/4" Projection, Rigid Type, Polished Or Satin Finish, Brass Wall Stop And Manual Door Holder (Rockwell 494S)	114.99	8.80
		Note: Includes FH MS / lead anchors and bolts.		
08 71 11 00-0608		**Overhead Door Holders** *(08 71 11 00-0545)*		
08 71 11 00-0609		**Surface Mounted, Overhead Door Holders** *(08 71 11 00-0608)*		
08 71 11 00-0610	EA	Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	540.53	25.13
		For Hold Open, Add	*63.49*	
08 71 11 00-0611	EA	Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	621.58	25.13
		For Hold Open, Add	*75.18*	
08 71 11 00-0612	EA	Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	621.58	25.13
		For Hold Open, Add	*75.18*	
08 71 11 00-0613	EA	Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	621.58	25.13
		For Hold Open, Add	*75.18*	
08 71 11 00-0614	EA	Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	618.83	25.13
		For Hold Open, Add	*74.79*	
08 71 11 00-0615		**Heavy Duty, Surface Mounted, Overhead Door Holders** *(08 71 11 00-0608)*		
		Note: With or without hold open feature.		
08 71 11 00-0616	EA	Heavy Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	418.12	25.13
08 71 11 00-0617	EA	Heavy Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	611.66	25.13
08 71 11 00-0618	EA	Heavy Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	696.02	25.13
08 71 11 00-0619	EA	Heavy Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	696.02	25.13
08 71 11 00-0620	EA	Heavy Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	696.02	25.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0621		**Concealed Mounted, Overhead Door Holders** *(08 71 11 00-0608)* Note: With or without hold open feature.		
08 71 11 00-0622	EA	Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	591.26	25.13
08 71 11 00-0623	EA	Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	591.26	25.13
08 71 11 00-0624	EA	Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	624.34	25.13
08 71 11 00-0625	EA	Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	652.46	25.13
08 71 11 00-0626	EA	Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	652.46	25.13
08 71 11 00-0627		**Silencers** *(08 71 11 00-0421)*		
08 71 11 00-0628	EA	Replacement Of Rubber Door Silencers Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.	1.56	
08 71 11 00-0629	EA	Replacement Of Door Silencers for Metal Frames (Trimco 1229A)	1.56	
		For Owner Furnished Material, Deduct	*-0.30*	
08 71 11 00-0630	EA	Replacement Of Door Silencers for Wood Frames (Trimco 1229B)	1.56	
		For Owner Furnished Material, Deduct	*-0.30*	
08 71 11 00-0631		**Bolts** *(08 71 11 00-0421)*		
08 71 11 00-0632		**Brass Surface Bolts** *(08 71 11 00-0631)*		
08 71 11 00-0633	EA	8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640)	177.97	12.57
08 71 11 00-0634	EA	8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640)	190.71	12.57
08 71 11 00-0635	EA	8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640)	190.71	12.57
08 71 11 00-0636		**Steel Surface Bolts** *(08 71 11 00-0631)*		
08 71 11 00-0637	EA	8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	79.28	12.57
08 71 11 00-0638	EA	8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	79.28	12.57
08 71 11 00-0639	EA	8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	79.28	12.57
08 71 11 00-0640	EA	8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	90.41	12.57
08 71 11 00-0641	EA	8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	92.01	12.57
08 71 11 00-0642	EA	8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	95.18	12.57
08 71 11 00-0643	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	93.58	12.57
08 71 11 00-0644	EA	12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	98.38	12.57
08 71 11 00-0645	EA	12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	104.75	12.57
08 71 11 00-0646	EA	12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	109.52	12.57
08 71 11 00-0647	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360)	173.20	12.57
08 71 11 00-0648		**Door Viewer** *(08 71 11 00-0421)*		
08 71 11 00-0649		**Brass Door Viewer** *(08 71 11 00-0648)*		
08 71 11 00-0650	EA	120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700)	40.32	12.57
08 71 11 00-0651	EA	120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700)	40.32	12.57
08 71 11 00-0652	EA	120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700)	40.32	12.57
08 71 11 00-0653	EA	150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696)	47.43	12.57
08 71 11 00-0654	EA	150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696)	47.43	12.57
08 71 11 00-0655	EA	150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696)	47.43	12.57
08 71 11 00-0656	EA	190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	56.20	12.57
08 71 11 00-0657	EA	190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	56.20	12.57
08 71 11 00-0658		**Door Knockers** *(08 71 11 00-0421)*		
08 71 11 00-0659		**Brass Door Knockers** *(08 71 11 00-0658)*		
08 71 11 00-0660	EA	5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125)	62.27	12.57
08 71 11 00-0661	EA	5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125)	69.02	12.57
08 71 11 00-0662	EA	5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125)	69.02	12.57
08 71 11 00-0663	EA	5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125)	69.02	12.57
08 71 11 00-0664	EA	8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107)	94.66	12.57
08 71 11 00-0665	EA	8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107)	110.95	12.57
08 71 11 00-0666		**Hasps** *(08 71 11 00-0421)*		
08 71 11 00-0667	EA	3-1/4", Zinc Plated Finish, Steel Hasp Assembly	28.18	9.48
08 71 11 00-0668	EA	4-1/2", Zinc Plated Finish, Steel Hasp Assembly	30.05	10.06
08 71 11 00-0669	EA	6", Zinc Plated Finish, Steel Hasp Assembly	38.78	11.31
08 71 11 00-0670	EA	6", Zinc Plated Finish, Steel High Security Hasp Assembly	167.20	13.57
08 71 11 00-0671		**Flush Bolts** *(08 71 11 00-0421)*		
08 71 11 00-0672		**Flush Bolts For Metal Doors** *(08 71 11 00-0671)*		
08 71 11 00-0673		**Brass Flush Bolts For Metal Doors** *(08 71 11 00-0672)*		
08 71 11 00-0674		**Manual, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0673)* Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0675	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458)	60.17	12.57

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0676		**Automatic, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0673)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0677	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T)	126.76	12.57
08 71 11 00-0678	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B)	126.76	12.57
08 71 11 00-0679	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P)	220.76	20.10
08 71 11 00-0680	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32)	227.78	17.59
08 71 11 00-0681	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33)	236.66	18.85
08 71 11 00-0682		**Constant Latching, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0673)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0683	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T)	150.76	12.57
08 71 11 00-0684	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P)	280.94	20.10
08 71 11 00-0685	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52)	275.92	17.59
08 71 11 00-0686	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53)	286.40	18.85
08 71 11 00-0687		**Stainless Steel Flush Bolts For Metal Doors** *(08 71 11 00-0672)*		
08 71 11 00-0688		**Automatic, Stainless Steel Flush Bolts For Metal Doors** *(08 71 11 00-0687)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0689	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T)	126.76	12.57
08 71 11 00-0690	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B)	126.76	12.57
08 71 11 00-0691	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P)	220.76	20.10
08 71 11 00-0692	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32)	227.78	17.59
08 71 11 00-0693	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33)	236.66	18.85
08 71 11 00-0694		**Constant Latching, Stainless Steel Flush Bolts For Metal Doors** *(08 71 11 00-0687)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0695	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T)	150.76	12.57
08 71 11 00-0696	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P)	280.94	20.10
08 71 11 00-0697	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52)	275.92	17.59
08 71 11 00-0698	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53)	286.40	18.85
08 71 11 00-0699		**Flush Bolts For Wood Doors** *(08 71 11 00-0671)*		
08 71 11 00-0700		**Brass Flush Bolts For Wood Doors** *(08 71 11 00-0699)*		
08 71 11 00-0701		**Manual, Brass Flush Bolts For Wood Doors** *(08 71 11 00-0700)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0702	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358)	72.08	12.57
08 71 11 00-0703		**Automatic, Brass Flush Bolts For Wood Doors** *(08 71 11 00-0700)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0704	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T)	158.37	12.57
08 71 11 00-0705	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B)	158.37	12.57
08 71 11 00-0706	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P)	294.31	20.10
08 71 11 00-0707	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42)	289.29	17.59
08 71 11 00-0708		**Constant Latching, Brass Flush Bolts For Wood Doors** *(08 71 11 00-0700)*		
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0709	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T)	157.13	12.57
08 71 11 00-0710	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P)	294.31	20.10
08 71 11 00-0711	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62)	289.29	17.59
08 71 11 00-0712		**Stainless Steel Flush Bolts For Wood Doors** *(08 71 11 00-0699)*		
08 71 11 00-0713		**Automatic, Stainless Steel Flush Bolts For Wood Doors** *(08 71 11 00-0712)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0714	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T)	158.37	12.57
08 71 11 00-0715	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B)	158.37	12.57
08 71 11 00-0716	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P)	294.31	20.10
08 71 11 00-0717	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42)	289.29	17.59
08 71 11 00-0718		**Constant Latching, Stainless Steel Flush Bolts For Wood Doors** *(08 71 11 00-0712)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0719	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T)	157.13	12.57
08 71 11 00-0720	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P)	294.31	20.10
08 71 11 00-0721	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62)	289.29	17.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0722		**Dust Proof Strikes** *(08 71 11 00-0671)*		
08 71 11 00-0723	EA	Satin Brass Finish, Brass Dust Proof Strike (Ives DP1)	54.18	10.06
08 71 11 00-0724	EA	Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1)	54.18	10.06
08 71 11 00-0725	EA	Bright Brass Finish, Brass Dust Proof Strike (Ives DP1)	54.18	10.06
08 71 11 00-0726	EA	Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1)	54.18	10.06
08 71 11 00-0727	EA	Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1)	54.18	10.06
08 71 11 00-0728	EA	Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	63.08	10.06
08 71 11 00-0729	EA	Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2)	63.08	10.06
08 71 11 00-0730	EA	Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	63.08	10.06
08 71 11 00-0731	EA	Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	63.08	10.06
08 71 11 00-0732	EA	Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	63.08	10.06
08 71 11 00-0733		**Roller Bumpers** *(08 71 11 00-0421)*		
08 71 11 00-0734		**Brass Roller Bumpers** *(08 71 11 00-0733)*		
08 71 11 00-0735	EA	5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470)	57.81	7.54
08 71 11 00-0736	EA	5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	68.45	7.54
08 71 11 00-0737	EA	5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	68.45	7.54
08 71 11 00-0738	EA	4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	55.41	7.54
08 71 11 00-0739	EA	4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	63.52	7.54
08 71 11 00-0740	EA	4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	63.52	7.54
08 71 11 00-0741	EA	4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	63.52	7.54
08 71 11 00-0742	EA	6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	57.98	7.54
08 71 11 00-0743	EA	6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472)	63.71	7.54
08 71 11 00-0744	EA	6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	66.41	7.54
08 71 11 00-0745	EA	6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	66.41	7.54
08 71 11 00-0746	EA	6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	66.41	7.54
08 71 11 00-0747	EA	6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	66.41	7.54
08 71 11 00-0748	EA	6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	66.41	7.54
08 71 11 00-0749		**Other Door Trim** *(08 71 11 00-0421)*		
08 71 11 00-0750		**Coat And Hat Hooks** *(08 71 11 00-0749)*		
08 71 11 00-0751		**Aluminum Coat And Hat Hooks** *(08 71 11 00-0750)*		
08 71 11 00-0752	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581)	17.89	7.54
08 71 11 00-0753	EA	1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581)	17.89	7.54
08 71 11 00-0754	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581)	18.08	7.54
08 71 11 00-0755	EA	1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571)	17.75	7.54
08 71 11 00-0756	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571)	17.75	7.54
08 71 11 00-0757	EA	1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571)	17.75	7.54
08 71 11 00-0758	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571)	18.08	7.54
08 71 11 00-0759	EA	1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	19.07	7.54
08 71 11 00-0760	EA	1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	19.07	7.54
08 71 11 00-0761	EA	1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	19.07	7.54
08 71 11 00-0762	EA	1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	19.07	7.54
08 71 11 00-0763	EA	1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405)	19.07	7.54
08 71 11 00-0764		**Brass Coat And Hat Hooks** *(08 71 11 00-0750)*		
08 71 11 00-0765	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581)	23.29	7.54
08 71 11 00-0766	EA	1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581)	23.82	7.54
08 71 11 00-0767	EA	1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581)	24.64	7.54
08 71 11 00-0768	EA	1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581)	24.64	7.54
08 71 11 00-0769	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581)	25.17	7.54
08 71 11 00-0770	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571)	26.85	7.54
08 71 11 00-0771	EA	1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571)	29.22	7.54
08 71 11 00-0772	EA	1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571)	29.22	7.54
08 71 11 00-0773	EA	1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571)	29.22	7.54
08 71 11 00-0774	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571)	29.74	7.54
08 71 11 00-0775		**Cane Bolt** *(08 71 11 00-0749)*		
08 71 11 00-0776	EA	18" Cane Bolt With Padlock Eyes Welded To Bolt, Manual, Steel Bolt For Doors (Stanley 1009)	31.43	10.06
08 71 11 00-0777		**Door Plates And Pulls** *(08 71 11)*		
08 71 11 00-0778		**Kick Plate** *(08 71 11 00-0777)*		
		Note: Ives 8400.		
08 71 11 00-0779		**Aluminum Base Material Kick Plate** *(08 71 11 00-0778)*		
08 71 11 00-0780		**Satin Aluminum Finish, Aluminum Kick Plate** *(08 71 11 00-0779)*		
08 71 11 00-0781	EA	8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	56.50	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0782	EA	8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	58.93	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0783	EA	8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	61.30	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0784	EA	8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	63.70	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0785	EA	8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	68.14	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0786	EA	8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.48	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0787	EA	8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	72.89	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0788	EA	8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	75.28	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0789	EA	8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	79.69	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0790	EA	8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	82.09	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0791	EA	8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	84.46	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0792	EA	8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	88.90	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0793	EA	8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	91.30	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0794	EA	8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	93.67	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0795	EA	10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	63.12	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0796	EA	10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	66.13	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0797	EA	10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	69.08	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0798	EA	10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	72.08	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0799	EA	10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	77.10	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0800	EA	10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	80.08	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0801	EA	10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	83.08	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0802	EA	10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	86.06	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0803	EA	10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	91.08	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0804	EA	10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	94.06	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0805	EA	10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	97.06	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0806	EA	10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	102.08	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0807	EA	10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	105.03	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0808	EA	10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	108.04	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0809	EA	12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	69.71	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0810	EA	12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	73.27	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0811	EA	12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	76.91	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0812	EA	12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	80.44	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0813	EA	12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	86.06	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0814	EA	12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	89.65	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0815	EA	12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	93.23	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0816	EA	12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	96.85	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0817	EA	12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	102.44	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0818	EA	12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	106.03	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0819	EA	12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	109.64	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0820	EA	12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	115.24	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0821	EA	12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	118.82	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0822	EA	12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	122.44	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0823	EA	14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	78.26	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0824	EA	14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	82.45	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0825	EA	14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	86.70	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0826	EA	14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	90.89	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0827	EA	14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	97.06	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0828	EA	14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	101.26	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0829	EA	14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	105.45	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0830	EA	14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	109.64	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0831	EA	14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	115.84	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0832	EA	14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	120.01	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0833	EA	14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	124.20	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0834	EA	14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	130.40	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0835	EA	14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	134.62	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0836	EA	14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	138.82	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0837	EA	16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	84.88	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0838	EA	16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	89.65	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0839	EA	16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	94.48	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0840	EA	16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	99.25	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0841	EA	16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	101.26	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0842	EA	16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	110.86	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0843	EA	16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	115.65	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0844	EA	16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	120.43	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0845	EA	16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	127.21	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0846	EA	16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	132.03	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0847	EA	16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	136.81	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0848	EA	16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	143.59	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0849	EA	16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	148.39	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0850	EA	16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	153.21	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0851	EA	18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	95.25	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0852	EA	18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	100.98	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0853	EA	18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	106.72	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0854	EA	18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	112.46	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0855	EA	18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	120.18	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0856	EA	18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	125.91	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0857	EA	18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	131.65	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0858	EA	18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	137.39	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0859	EA	18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	145.13	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0860	EA	18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	150.87	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0861	EA	18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	156.61	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0862	EA	18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	164.36	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0863	EA	18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	170.09	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0864	EA	18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	175.83	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0865	EA	20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	104.26	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0866	EA	20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	110.63	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0867	EA	20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	117.01	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0868	EA	20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	123.38	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0869	EA	20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	131.76	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0870	EA	20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	138.13	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0871	EA	20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	144.50	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0872	EA	20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	150.87	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0873	EA	20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	159.25	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0874	EA	20" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	165.62	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0875	EA	20" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	172.00	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0876	EA	20" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	180.38	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0877	EA	20" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	186.75	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0878	EA	20" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	193.12	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0879	EA	22" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	111.27	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0880	EA	22" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	118.27	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0881	EA	22" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	125.28	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0882	EA	22" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	132.29	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0883	EA	22" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	141.33	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0884	EA	22" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	148.33	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0885	EA	22" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	155.34	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0886	EA	22" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	162.35	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0887	EA	22" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	171.36	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0888	EA	22" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	178.37	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0889	EA	22" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	185.37	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0890	EA	22" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	194.39	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0891	EA	22" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	201.39	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0892	EA	22" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	208.40	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0893	EA	24" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	118.27	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0894	EA	24" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	125.91	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0895	EA	24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	133.58	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0896	EA	24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	141.22	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0897	EA	24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	150.87	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0898	EA	24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	158.51	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0899	EA	24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	166.15	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0900	EA	24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	173.82	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0901	EA	24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	183.47	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0902	EA	24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	191.11	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0903	EA	24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	198.75	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0904	EA	24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	208.40	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0905	EA	24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	216.07	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0906	EA	24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	223.71	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-0907 Brass Base Material Kick Plate *(08 71 11 00-0778)*

08 71 11 00-0908 Bright/Satin Brass Finish, Brass Kick Plate *(08 71 11 00-0907)*

08 71 11 00-0909	EA	8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	109.90	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0910	EA	8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	117.14	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0911	EA	8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	124.41	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0912	EA	8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	131.65	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0913	EA	8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	140.90	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0914	EA	8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	148.19	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0915	EA	8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	155.43	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0916	EA	8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	162.67	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0917	EA	8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	171.92	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0918	EA	8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	179.16	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0919	EA	8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	186.40	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0920	EA	8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	195.65	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0921	EA	8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	202.94	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0922	EA	8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	210.18	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0923	EA	10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	129.86	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0924	EA	10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	138.89	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0925	EA	10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	147.97	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0926	EA	10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	157.03	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0927	EA	10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	168.07	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0928	EA	10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	177.15	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0929	EA	10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	186.23	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0930	EA	10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	195.29	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0931	EA	10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	206.33	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0932	EA	10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	215.41	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0933	EA	10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	224.49	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0934	EA	10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	235.53	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0935	EA	10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	244.62	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0936	EA	10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	253.67	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0937	EA	12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	149.74	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0938	EA	12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	160.66	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0939	EA	12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	171.51	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0940	EA	12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	182.38	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0941	EA	12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	195.29	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0942	EA	12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	206.16	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0943	EA	12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	217.03	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0944	EA	12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	227.88	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0945	EA	12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	240.81	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0946	EA	12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	251.66	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0947	EA	12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	262.53	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0948	EA	12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	275.42	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0949	EA	12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	286.27	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0950	EA	12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	297.19	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0951	EA	14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	171.73	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0952	EA	14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	184.39	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0953	EA	14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	197.08	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0954	EA	14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	209.79	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0955	EA	14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	224.49	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0956	EA	14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	237.18	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0957	EA	14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	249.85	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0958	EA	14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	262.53	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0959	EA	14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	277.23	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0960	EA	14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	289.92	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0961	EA	14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	302.59	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0962	EA	14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	317.29	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0963	EA	14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	330.00	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0964	EA	14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	342.69	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0965	EA	16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	242.29	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0966	EA	16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	261.43	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0967	EA	16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	280.53	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0968	EA	16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	299.60	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0969	EA	16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	320.71	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0970	EA	16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	339.83	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0971	EA	16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	358.95	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0972	EA	16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	378.00	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0973	EA	16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	399.16	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0974	EA	16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	418.28	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0975	EA	16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	437.37	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0976	EA	16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	458.46	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0977	EA	16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	477.55	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0978	EA	16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	496.68	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0979	EA	18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	268.14	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0980	EA	18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	289.59	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0981	EA	18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	311.00	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0982	EA	18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	332.50	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0983	EA	18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	355.95	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0984	EA	18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	377.37	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0985	EA	18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	398.86	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0986	EA	18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	420.28	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0987	EA	18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	443.78	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0988	EA	18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	465.23	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0989	EA	18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	486.64	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0990	EA	18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	510.15	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0991	EA	18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	531.56	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0992	EA	18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	553.01	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0993	EA	20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	296.36	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0994	EA	20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	320.18	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0995	EA	20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	344.04	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0996	EA	20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	367.83	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0997	EA	20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	393.71	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0998	EA	20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	417.55	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0999	EA	20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	441.36	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1000	EA	20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	465.23	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1001	EA	20" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	491.02	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1002	EA	20" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	514.89	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1003	EA	20" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	538.73	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1004	EA	20" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	564.55	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1005	EA	20" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	588.42	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1006	EA	20" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	612.21	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1007	EA	22" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	322.60	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1008	EA	22" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	348.79	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1009	EA	22" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	375.00	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1010	EA	22" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	401.23	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1011	EA	22" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	429.45	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1012	EA	22" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	455.69	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1013	EA	22" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	481.90	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1014	EA	22" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	508.14	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1015	EA	22" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	536.33	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1016	EA	22" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	562.54	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1017	EA	22" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	588.78	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1018	EA	22" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	617.00	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1019	EA	22" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	643.24	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1020	EA	22" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	669.40	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1021	EA	24" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	348.79	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1022	EA	24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	377.37	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1023	EA	24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	406.00	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1024	EA	24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	434.61	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1025	EA	24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	465.23	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1026	EA	24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	493.81	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1027	EA	24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	522.42	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1028	EA	24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	552.59	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1029	EA	24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	581.61	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1030	EA	24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	610.20	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1031	EA	24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	638.80	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1032	EA	24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	669.40	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1033	EA	24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	698.05	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1034	EA	24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	726.64	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1035		Bright/Satin Chrome Finish, Stainless Kick Plate *(08 71 11 00-0907)*		
08 71 11 00-1036	EA	8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	118.35	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1037	EA	8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	126.37	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1038	EA	8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	134.39	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1039	EA	8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	142.41	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1040	EA	8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	152.44	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1041	EA	8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	160.44	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1042	EA	8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	168.46	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1043	EA	8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	176.48	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1044	EA	8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	186.51	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1045	EA	8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	194.55	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1046	EA	8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	202.57	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1047	EA	8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	212.60	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1048	EA	8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	220.62	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1049	EA	8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	228.64	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1050	EA	10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	140.41	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1051	EA	10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	150.43	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1052	EA	10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	160.45	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1053	EA	10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	170.47	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1054	EA	10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	182.52	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1055	EA	10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	192.54	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1056	EA	10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	202.56	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1057	EA	10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	212.58	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1058	EA	10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	224.61	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1059	EA	10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	234.62	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1060	EA	10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	244.64	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1061	EA	10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	256.67	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1062	EA	10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	266.69	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1063	EA	10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	276.71	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1064	EA	12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	162.45	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1065	EA	12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	174.47	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1066	EA	12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	186.53	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1067	EA	12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	198.55	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1068	EA	12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	212.58	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1069	EA	12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	224.62	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1070	EA	12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	236.64	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1071	EA	12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	248.65	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1072	EA	12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	262.68	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1073	EA	12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	274.70	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1074	EA	12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	286.74	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1075	EA	12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	300.77	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1076	EA	12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	312.83	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1077	EA	12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	324.85	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1078	EA	14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	186.49	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1079	EA	14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	200.56	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1080	EA	14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	214.60	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1081	EA	14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	228.62	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1082	EA	14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	244.64	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1083	EA	14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	258.68	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1084	EA	14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	272.70	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1085	EA	14" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	286.74	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1086	EA	14" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	302.82	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1087	EA	14" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	316.83	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1088	EA	14" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	330.85	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1089	EA	14" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	321.60	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1090	EA	14" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	360.91	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1091	EA	14" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	374.96	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1092	EA	16" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	267.35	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1093	EA	16" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	288.75	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1094	EA	16" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	310.13	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1095	EA	16" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	331.51	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1096	EA	16" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	354.90	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1097	EA	16" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	376.27	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1098	EA	16" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	397.68	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1099	EA	16" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	419.05	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1100	EA	16" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	442.44	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1101	EA	16" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	463.82	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1102	EA	16" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	485.20	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1103	EA	16" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	508.58	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1104	EA	16" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	529.96	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1105	EA	16" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	551.34	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1106	EA	18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	295.99	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1107	EA	18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	320.00	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1108	EA	18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	343.95	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1109	EA	18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	367.96	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1110	EA	18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	393.93	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1111	EA	18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	417.92	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1112	EA	18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	441.90	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1113	EA	18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	465.88	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1114	EA	18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	491.85	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1115	EA	18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	515.86	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1116	EA	18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	539.87	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1117	EA	18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	565.84	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1118	EA	18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	589.84	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1119	EA	18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	613.80	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1120	EA	20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	327.29	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1121	EA	20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	353.98	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1122	EA	20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	380.60	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1123	EA	20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	407.29	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1124	EA	20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	435.91	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1125	EA	20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	462.55	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1126	EA	20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	489.22	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1127	EA	20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	515.86	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1128	EA	20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	544.56	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1129	EA	20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	571.17	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1130	EA	20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	597.81	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1131	EA	20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	626.49	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1132	EA	20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	653.13	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1133	EA	20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	679.79	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1134	EA	22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	356.62	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1135	EA	22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	385.96	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1136	EA	22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	415.26	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1137	EA	22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	444.56	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1138	EA	22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	475.91	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1139	EA	22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	505.21	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1140	EA	22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	534.53	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1141	EA	22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	563.83	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1142	EA	22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	595.18	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1143	EA	22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	624.48	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1144	EA	22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	653.80	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1145	EA	22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	685.11	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1146	EA	22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	714.40	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1147	EA	22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	743.75	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1148	EA	24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	385.96	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1149	EA	24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	417.92	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1150	EA	24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	449.89	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1151	EA	24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	481.87	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1152	EA	24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	515.86	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1153	EA	24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	547.84	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1154	EA	24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	579.87	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1155	EA	24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	611.79	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1156	EA	24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	645.78	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1157	EA	24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	677.78	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1158	EA	24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	709.76	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1159	EA	24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	743.75	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1160	EA	24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	775.73	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1161	EA	24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	807.71	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1162		Satin/Dark Bronze Finish, Brass Kick Plate *(08 71 11 00-0907)*		
08 71 11 00-1163	EA	8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	119.71	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1164	EA	8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	127.81	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1165	EA	8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	135.99	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1166	EA	8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	144.09	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1167	EA	8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	154.28	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1168	EA	8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	162.40	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1169	EA	8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	170.56	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1170	EA	8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	178.68	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1171	EA	8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	188.79	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1172	EA	8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	196.97	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1173	EA	8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	205.10	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1174	EA	8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	215.26	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1175	EA	8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	223.39	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1176	EA	8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	231.54	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1177	EA	10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	142.07	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1178	EA	10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	152.27	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1179	EA	10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	162.41	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1180	EA	10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	172.58	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1181	EA	10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	184.77	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1182	EA	10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	194.96	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1183	EA	10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	205.11	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1184	EA	10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	215.28	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1185	EA	10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	227.49	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1186	EA	10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	237.66	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1187	EA	10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	247.80	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1188	EA	10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	260.03	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1189	EA	10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	270.18	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1190	EA	10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	280.35	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1191	EA	12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	164.46	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1192	EA	12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	176.67	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1193	EA	12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	188.86	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1194	EA	12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	201.08	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1195	EA	12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	215.28	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1196	EA	12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	227.52	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1197	EA	12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	239.74	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1198	EA	12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	251.93	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1199	EA	12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	266.15	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1200	EA	12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	278.34	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1201	EA	12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	290.53	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1202	EA	12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	304.76	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1203	EA	12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	317.00	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1204		EA	12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	329.19	9.05
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1205		EA	14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	188.83	8.04
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1206		EA	14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	203.09	8.04
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1207		EA	14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	217.32	8.04
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1208		EA	14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	231.56	8.04
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1209		EA	14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	247.80	8.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1210		EA	14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	262.06	8.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1211		EA	14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	276.30	8.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1212		EA	14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	290.53	8.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1213		EA	14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	306.80	9.05
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1214		EA	14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	321.04	9.05
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1215		EA	14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	335.27	9.05
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1216		EA	14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	351.54	9.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1217		EA	14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	365.83	9.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1218		EA	14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	380.06	9.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1219		EA	16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	266.79	8.04
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1220		EA	16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	288.14	8.04
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1221		EA	16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	309.47	8.04
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1222		EA	16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	330.80	8.04
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1223		EA	16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	354.13	8.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1224		EA	16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	375.46	8.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1225		EA	16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	396.81	8.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1226		EA	16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	418.14	8.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1227		EA	16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	441.48	9.05
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1228		EA	16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	462.80	9.05
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1229		EA	16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	484.13	9.05
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1230		EA	16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	507.47	9.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1231		EA	16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	528.80	9.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1232	EA	16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	550.12	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1233	EA	18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	295.36	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1234	EA	18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	319.31	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1235	EA	18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	343.22	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1236	EA	18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	367.17	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1237	EA	18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	393.08	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1238	EA	18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	417.01	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1239	EA	18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	440.93	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1240	EA	18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	464.86	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1241	EA	18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	490.77	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1242	EA	18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	514.72	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1243	EA	18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	538.67	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1244	EA	18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	564.58	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1245	EA	18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	588.54	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1246	EA	18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	612.44	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1247	EA	20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	326.60	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1248	EA	20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	353.23	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1249	EA	20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	379.78	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1250	EA	20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	406.40	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1251	EA	20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	434.97	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1252	EA	20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	461.54	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1253	EA	20" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	488.14	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1254	EA	20" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	514.72	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1255	EA	20" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	543.36	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1256	EA	20" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	569.91	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1257	EA	20" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	596.49	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1258	EA	20" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	625.10	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1259	EA	20" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	651.68	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1260	EA	20" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	678.28	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1261	EA	22" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	355.85	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1262	EA	22" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	385.13	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1263	EA	22" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	414.36	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1264	EA	22" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	443.58	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1265	EA	22" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	474.87	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1266	EA	22" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	504.10	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1267	EA	22" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	533.35	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1268	EA	22" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	562.57	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1269	EA	22" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	593.86	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1270	EA	22" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	623.09	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1271	EA	22" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	652.34	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1272	EA	22" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	683.58	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1273	EA	22" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	712.80	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1274	EA	22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	742.08	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1275	EA	24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	385.13	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1276	EA	24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	417.01	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1277	EA	24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	448.91	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1278	EA	24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	480.81	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1279	EA	24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	514.72	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1280	EA	24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	546.62	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1281	EA	24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	578.58	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1282	EA	24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	610.43	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1283	EA	24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	644.34	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1284	EA	24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	676.27	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1285	EA	24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	708.17	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1286	EA	24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	742.08	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1287	EA	24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	773.98	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1288	EA	24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	805.89	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1289		Satin Nickel Finish, Stainless Kick Plate *(08 71 11 00-0907)*		
08 71 11 00-1290	EA	8" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	121.58	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1291	EA	8" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	129.86	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1292	EA	8" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	138.21	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1293	EA	8" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	146.48	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1294	EA	8" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	156.84	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1295	EA	8" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	165.13	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1296	EA	8" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	173.46	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1297	EA	8" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	181.75	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1298	EA	8" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	192.03	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1299	EA	8" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	200.38	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1300	EA	8" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	208.68	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1301	EA	8" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	219.01	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1302	EA	8" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	227.31	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1303	EA	8" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	235.63	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1304	EA	10" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	144.42	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1305	EA	10" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	154.83	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1306	EA	10" x 26", 0.050" Thick, Satin Nickel Finish, StainlessKick Plate	165.18	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1307	EA	10" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	175.57	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1308	EA	10" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	187.96	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1309	EA	10" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	198.37	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1310	EA	10" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	208.73	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1311	EA	10" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	219.12	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1312	EA	10" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	231.54	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1313	EA	10" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	241.92	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1314	EA	10" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	252.28	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1315	EA	10" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	264.73	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1316	EA	10" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	275.09	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1317	EA	10" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	285.47	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1318	EA	12" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	167.27	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1319	EA	12" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	179.74	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1320	EA	12" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	192.19	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1321	EA	12" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	204.66	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1322	EA	12" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	219.12	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1323	EA	12" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	231.61	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1324	EA	12" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	244.09	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1325	EA	12" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	256.53	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1326	EA	12" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	271.01	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1327	EA	12" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	283.46	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1328	EA	12" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	295.91	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1329	EA	12" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	310.39	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1330	EA	12" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	322.88	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1331	EA	12" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	335.33	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1332	EA	14" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	192.11	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1333	EA	14" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	206.67	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1334	EA	14" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	221.20	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1335	EA	14" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	235.74	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1336	EA	14" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	252.28	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1337	EA	14" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	266.84	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1338	EA	14" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	281.37	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1339	EA	14" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	295.91	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1340	EA	14" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	312.47	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1341	EA	14" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	327.01	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1342	EA	14" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	341.54	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1343	EA	14" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	358.11	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1344	EA	14" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	372.69	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1345	EA	14" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	387.23	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1346	EA	16" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	271.71	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1347	EA	16" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	293.51	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1348	EA	16" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	315.28	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1349	EA	16" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	337.06	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1350	EA	16" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	360.84	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1351	EA	16" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	382.61	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1352	EA	16" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	404.41	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1353	EA	16" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	426.19	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1354	EA	16" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	449.97	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1355	EA	16" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	471.75	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1356	EA	16" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	493.52	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1357	EA	16" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	517.30	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1358	EA	16" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	539.08	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1359	EA	16" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	560.85	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1360	EA	18" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	300.88	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1361	EA	18" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	325.33	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1362	EA	18" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	349.73	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1363	EA	18" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	374.19	8.04
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1364	EA	18" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	400.60	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1365	EA	18" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	425.03	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1366	EA	18" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	449.46	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1367	EA	18" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	473.89	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1368	EA	18" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	500.30	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1369	EA	18" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	524.75	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1370	EA	18" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	549.21	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1371	EA	18" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	575.62	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1372	EA	18" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	600.07	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1373	EA	18" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	624.47	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1374	EA	20" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	332.73	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1375	EA	20" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	359.91	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1376	EA	20" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	387.02	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1377	EA	20" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	414.21	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1378	EA	20" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	443.32	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1379	EA	20" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	470.46	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1380	EA	20" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	497.62	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1381	EA	20" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	524.75	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1382	EA	20" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	553.95	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1383	EA	20" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	581.05	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1384	EA	20" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	608.19	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1385	EA	20" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	637.36	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1386	EA	20" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	664.49	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1387	EA	20" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	691.65	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1388	EA	22" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	362.59	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1389	EA	22" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	392.48	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1390	EA	22" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	422.32	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1391	EA	22" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	452.16	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1392	EA	22" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	484.06	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1393	EA	22" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	513.90	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1394	EA	22" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	543.77	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1395	EA	22" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	573.61	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1396	EA	22" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	605.51	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1397	EA	22" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	635.35	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1398	EA	22" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	665.21	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1399	EA	22" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	697.06	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1400	EA	22" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	726.90	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1401	EA	22" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	756.79	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1402	EA	24" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	392.48	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1403	EA	24" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	425.03	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1404	EA	24" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	457.60	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1405	EA	24" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	490.17	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1406	EA	24" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	524.75	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1407	EA	24" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	557.32	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1408	EA	24" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	589.94	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1409	EA	24" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	622.46	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1410	EA	24" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	657.04	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1411	EA	24" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	689.64	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1412	EA	24" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	722.21	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1413	EA	24" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	756.79	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1414	EA	24" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	789.36	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1415	EA	24" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	821.93	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1416 Stainless Base Material Kick Plate *(08 71 11 00-0778)*

08 71 11 00-1417 Satin Stainless Finish, Stainless Kick Plate *(08 71 11 00-1416)*

08 71 11 00-1418	EA	8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	57.60	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1419	EA	8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	60.13	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1420	EA	8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	62.59	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1421	EA	8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	65.14	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1422	EA	8" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	69.63	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1423	EA	8" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	72.09	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1424	EA	8" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	74.64	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1425	EA	8" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	77.12	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1426	EA	8" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	81.63	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1427	EA	8" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	84.14	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1428	EA	8" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	86.62	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1429	EA	8" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	91.13	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1430	EA	8" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	93.63	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1431	EA	8" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	96.11	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1432	EA	10" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	64.47	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1433	EA	10" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	67.62	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1434	EA	10" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	70.74	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1435	EA	10" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	73.84	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1436	EA	10" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.00	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1437	EA	10" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	82.13	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1438	EA	10" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	85.22	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1439	EA	10" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.32	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1440	EA	10" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	93.51	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1441	EA	10" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	96.61	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1442	EA	10" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	99.71	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1443	EA	10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	104.86	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1444	EA	10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	107.99	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1445	EA	10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	111.09	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1446	EA	12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	71.36	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1447	EA	12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	75.11	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1448	EA	12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	78.85	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1449	EA	12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	82.60	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1450	EA	12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.32	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1451	EA	12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	92.09	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1452	EA	12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	95.81	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1453	EA	12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	99.58	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1454	EA	12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	105.31	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1455	EA	12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	109.08	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1456	EA	12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	112.84	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1457	EA	12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	118.57	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1458	EA	12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	122.34	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1459	EA	12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	126.06	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1460	EA	14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	80.24	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1461	EA	14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	84.61	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1462	EA	14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.99	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1463	EA	14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	93.36	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1464	EA	14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	99.71	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1465	EA	14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	104.09	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1466	EA	14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	108.46	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1467	EA	14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	112.84	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1468	EA	14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	119.24	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1469	EA	14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	123.56	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1470	EA	14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	127.95	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1471	EA	14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	134.34	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1472	EA	14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	138.71	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1473	EA	14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	143.10	9.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1474	EA	16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	90.70	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1475	EA	16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	96.28	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1476	EA	16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	101.64	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1477	EA	16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	106.97	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1478	EA	16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	114.31	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1479	EA	16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	119.66	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1480	EA	16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	125.02	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1481	EA	16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	130.35	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1482	EA	16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	137.69	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1483	EA	16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	143.07	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1484		EA	16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	148.42	9.05
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1485		EA	16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	156.21	9.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1486		EA	16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	161.09	9.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1487		EA	16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	166.45	9.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1488		EA	18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	96.80	8.04
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1489		EA	18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	102.70	8.04
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1490		EA	18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	108.55	8.04
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1491		EA	18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	114.43	8.04
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1492		EA	18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	122.34	8.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1493		EA	18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	128.19	8.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1494		EA	18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	134.07	8.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1495		EA	18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	139.92	8.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1496		EA	18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	147.83	9.05
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1497		EA	18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	153.70	9.05
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1498		EA	18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	159.55	9.05
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1499		EA	18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	167.47	9.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1500		EA	18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	173.37	9.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1501		EA	18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	179.22	9.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1502		EA	20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	106.00	8.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1503		EA	20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	112.52	8.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1504		EA	20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	119.07	8.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1505		EA	20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	125.56	8.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1506		EA	20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	134.12	9.05
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1507		EA	20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	140.66	9.05
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1508		EA	20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	147.16	9.05
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1509		EA	20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	153.70	9.05
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1510		EA	20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	162.23	9.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1511		EA	20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	168.78	9.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1512	EA	20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	175.32	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1513	EA	20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	183.83	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1514	EA	20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	190.38	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1515	EA	20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	196.90	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1516	EA	22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	113.17	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1517	EA	22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	120.38	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1518	EA	22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	127.52	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1519	EA	22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	134.74	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1520	EA	22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	143.89	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1521	EA	22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	151.10	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1522	EA	22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	158.27	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1523	EA	22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	165.46	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1524	EA	22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	174.63	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1525	EA	22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	181.82	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1526	EA	22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	189.03	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1527	EA	22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	198.18	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1528	EA	22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	205.40	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1529	EA	22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	212.54	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1530	EA	24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	120.38	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1531	EA	24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	128.19	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1532	EA	24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	136.05	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1533	EA	24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	143.86	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1534	EA	24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	153.70	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1535	EA	24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	161.54	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1536	EA	24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	169.37	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1537	EA	24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	177.21	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1538	EA	24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	187.05	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1539	EA	24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	194.89	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1540	EA	24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	202.72	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1541	EA	24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	212.54	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1542	EA	24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	220.40	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1543	EA	24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	228.26	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1544 Bright Stainless Finish, Stainless Kick Plate *(08 71 11 00-1416)*

08 71 11 00-1545	EA	8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	94.73	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1546	EA	8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	100.63	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1547	EA	8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	106.48	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1548	EA	8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	112.35	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1549	EA	8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	120.21	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1550	EA	8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	126.10	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1551	EA	8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	131.95	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1552	EA	8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	137.85	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1553	EA	8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	145.68	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1554	EA	8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	151.58	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1555	EA	8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	157.47	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1556	EA	8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	165.33	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1557	EA	8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	171.20	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1558	EA	8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	177.05	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1559	EA	10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	110.88	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1560	EA	10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	118.20	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1561	EA	10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	125.56	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1562	EA	10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	132.90	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1563	EA	10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	142.23	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1564	EA	10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	149.57	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1565	EA	10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	156.93	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1566	EA	10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	164.27	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1567	EA	10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	173.60	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1568	EA	10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	180.94	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1569	EA	10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	188.30	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1570	EA	10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	197.60	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1571	EA	10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	204.97	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1572	EA	10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	212.31	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1573	EA	12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	127.00	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1574	EA	12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	135.84	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1575	EA	12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	144.65	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1576	EA	12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	153.45	7.54
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1577	EA	12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	164.27	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1578	EA	12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	173.03	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1579	EA	12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	181.87	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1580	EA	12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	190.67	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1581	EA	12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	201.49	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1582	EA	12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	210.30	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1583	EA	12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	219.08	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1584	EA	12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	229.93	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1585	EA	12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	238.71	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1586	EA	12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	247.52	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1587	EA	14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	145.19	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1588	EA	14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	155.46	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1589	EA	14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	165.74	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1590	EA	14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	176.02	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1591	EA	14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	188.30	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1592	EA	14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	198.56	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1593	EA	14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	208.83	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1594	EA	14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	219.08	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1595	EA	14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	231.40	9.05
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1596		EA	14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	241.67	9.05
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1597		EA	14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	251.95	9.05
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1598		EA	14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	264.24	9.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1599		EA	14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	274.46	9.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1600		EA	14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	284.74	9.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1601		EA	16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	161.31	8.04
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1602		EA	16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	173.03	8.04
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1603		EA	16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	184.83	8.04
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1604		EA	16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	196.55	8.04
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1605		EA	16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	210.30	8.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1606		EA	16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	222.05	8.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1607		EA	16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	233.77	8.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1608		EA	16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	245.51	8.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1609		EA	16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	259.26	9.05
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1610		EA	16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	270.98	9.05
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1611		EA	16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	282.73	9.05
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1612		EA	16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	296.48	9.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1613		EA	16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	308.25	9.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1614		EA	16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	320.00	9.55
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1615		EA	18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	179.18	8.04
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1616		EA	18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	192.60	8.04
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1617		EA	18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	205.91	8.04
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1618		EA	18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	219.33	8.04
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1619		EA	18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	234.70	8.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1620		EA	18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	248.02	8.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1621		EA	18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	261.43	8.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1622		EA	18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	282.39	8.55
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1623		EA	18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	290.17	9.05
			For Four Beveled Edges, Add	*6.30*	
			For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1624	EA	18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	303.54	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1625	EA	18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	316.90	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1626	EA	18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	332.27	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1627	EA	18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	345.64	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1628	EA	18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	359.00	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1629	EA	20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	197.57	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1630	EA	20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	212.40	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1631	EA	20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	227.26	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1632	EA	20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	242.09	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1633	EA	20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	258.96	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1634	EA	20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	273.84	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1635	EA	20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	288.65	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1636	EA	20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	303.54	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1637	EA	20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	320.35	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1638	EA	20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	335.24	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1639	EA	20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	350.09	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1640	EA	20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	366.94	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1641	EA	20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	381.80	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1642	EA	20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	396.63	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1643	EA	22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	213.90	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1644	EA	22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	230.22	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1645	EA	22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	246.55	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1646	EA	22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	262.87	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1647	EA	22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	281.24	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1648	EA	22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	297.59	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1649	EA	22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	313.94	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1650	EA	22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	330.26	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1651	EA	22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	348.60	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1652	EA	22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	364.93	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1653	EA	22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	381.25	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1654	EA	22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	399.59	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1655	EA	22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	415.97	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1656	EA	22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	432.29	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1657	EA	24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	230.22	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1658	EA	24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	248.02	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1659	EA	24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	265.86	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1660	EA	24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	283.68	8.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1661	EA	24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	303.54	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1662	EA	24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	321.33	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1663	EA	24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	339.15	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1664	EA	24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	356.99	9.05
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1665	EA	24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	376.82	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1666	EA	24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	394.62	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1667	EA	24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	412.46	9.55
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1668	EA	24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	432.29	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1669	EA	24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	450.14	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1670	EA	24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	467.93	10.06
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1671 Plastic Kick Plate *(08 71 11 00-0778)*

08 71 11 00-1672 Clear Or Black Finish, Plastic Kick Plate *(08 71 11 00-1671)*

Note: With four beveled edges.

08 71 11 00-1673	EA	8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	50.46	7.54
08 71 11 00-1674	EA	8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	52.28	7.54
08 71 11 00-1675	EA	8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	54.16	7.54
08 71 11 00-1676	EA	8" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	56.00	7.54
08 71 11 00-1677	EA	8" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	59.87	8.04
08 71 11 00-1678	EA	8" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	61.70	8.04
08 71 11 00-1679	EA	8" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	63.52	8.04
08 71 11 00-1680	EA	8" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.40	8.04
08 71 11 00-1681	EA	8" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	71.49	8.55
08 71 11 00-1682	EA	8" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	71.06	8.55
08 71 11 00-1683	EA	8" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.94	8.55
08 71 11 00-1684	EA	8" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.79	9.05
08 71 11 00-1685	EA	8" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	78.65	9.05
08 71 11 00-1686	EA	8" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	80.49	9.05
08 71 11 00-1687	EA	10" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	55.52	7.54
08 71 11 00-1688	EA	10" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	57.86	7.54
08 71 11 00-1689	EA	10" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	60.14	7.54
08 71 11 00-1690	EA	10" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	62.43	7.54
08 71 11 00-1691	EA	10" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	66.77	8.04
08 71 11 00-1692	EA	10" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	69.05	8.04
08 71 11 00-1693	EA	10" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	71.38	8.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1694	EA	10" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	73.67	8.04
08 71 11 00-1695	EA	10" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	78.01	8.55
08 71 11 00-1696	EA	10" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	80.29	8.55
08 71 11 00-1697	EA	10" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	82.62	8.55
08 71 11 00-1698	EA	10" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.92	9.05
08 71 11 00-1699	EA	10" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.25	9.05
08 71 11 00-1700	EA	10" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.54	9.05
08 71 11 00-1701	EA	12" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	60.61	7.54
08 71 11 00-1702	EA	12" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	63.39	7.54
08 71 11 00-1703	EA	12" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	66.12	7.54
08 71 11 00-1704	EA	12" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	68.92	7.54
08 71 11 00-1705	EA	12" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	73.67	8.04
08 71 11 00-1706	EA	12" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.47	8.04
08 71 11 00-1707	EA	12" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	79.25	8.04
08 71 11 00-1708	EA	12" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	82.00	8.04
08 71 11 00-1709	EA	12" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.75	8.55
08 71 11 00-1710	EA	12" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.53	8.55
08 71 11 00-1711	EA	12" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.33	8.55
08 71 11 00-1712	EA	12" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.07	9.05
08 71 11 00-1713	EA	12" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	99.87	9.05
08 71 11 00-1714	EA	12" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.60	9.05
08 71 11 00-1715	EA	14" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.69	8.04
08 71 11 00-1716	EA	14" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.93	8.04
08 71 11 00-1717	EA	14" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.14	8.04
08 71 11 00-1718	EA	14" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.39	8.04
08 71 11 00-1719	EA	14" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	82.62	8.55
08 71 11 00-1720	EA	14" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.83	8.55
08 71 11 00-1721	EA	14" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.08	8.55
08 71 11 00-1722	EA	14" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.33	8.55
08 71 11 00-1723	EA	14" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.54	9.05
08 71 11 00-1724	EA	14" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	100.79	9.05
08 71 11 00-1725	EA	14" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	104.02	9.05
08 71 11 00-1726	EA	14" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	109.23	9.55
08 71 11 00-1727	EA	14" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	112.48	9.55
08 71 11 00-1728	EA	14" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.68	9.55
08 71 11 00-1729	EA	16" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	78.84	8.04
08 71 11 00-1730	EA	16" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.10	8.04
08 71 11 00-1731	EA	16" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	87.29	8.04
08 71 11 00-1732	EA	16" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.55	8.04
08 71 11 00-1733	EA	16" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.82	8.55
08 71 11 00-1734	EA	16" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.05	8.55
08 71 11 00-1735	EA	16" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	106.31	8.55
08 71 11 00-1736	EA	16" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	110.52	8.55
08 71 11 00-1737	EA	16" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	116.79	9.05
08 71 11 00-1738	EA	16" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.02	9.05
08 71 11 00-1739	EA	16" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	125.28	9.05
08 71 11 00-1740	EA	16" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	131.55	9.55
08 71 11 00-1741	EA	16" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	135.74	9.55
08 71 11 00-1742	EA	16" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	140.00	9.55
08 71 11 00-1743	EA	18" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.65	8.04
08 71 11 00-1744	EA	18" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.44	8.04
08 71 11 00-1745	EA	18" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.19	8.04
08 71 11 00-1746	EA	18" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	98.99	8.04
08 71 11 00-1747	EA	18" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	211.69	8.55
08 71 11 00-1748	EA	18" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	110.52	8.55
08 71 11 00-1749	EA	18" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.32	8.55
08 71 11 00-1750	EA	18" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	120.07	8.55
08 71 11 00-1751	EA	18" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	126.87	9.05
08 71 11 00-1752	EA	18" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	131.64	9.05
08 71 11 00-1753	EA	18" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	136.39	9.05
08 71 11 00-1754	EA	18" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	143.20	9.55
08 71 11 00-1755	EA	18" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	147.95	9.55
08 71 11 00-1756	EA	18" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	152.74	9.55
08 71 11 00-1757	EA	20" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.51	8.55
08 71 11 00-1758	EA	20" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.82	8.55
08 71 11 00-1759	EA	20" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	103.10	8.55
08 71 11 00-1760	EA	20" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.41	8.55
08 71 11 00-1761	EA	20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.73	9.05
08 71 11 00-1762	EA	20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.02	9.05
08 71 11 00-1763	EA	20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	126.33	9.05
08 71 11 00-1764	EA	20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	131.64	9.05
08 71 11 00-1765	EA	20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	138.94	9.55
08 71 11 00-1766	EA	20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	144.25	9.55
08 71 11 00-1767	EA	20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	149.54	9.55
08 71 11 00-1768	EA	20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	156.86	10.06
08 71 11 00-1769	EA	20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	162.17	10.06
08 71 11 00-1770	EA	20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	167.46	10.06
08 71 11 00-1771	EA	22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	98.35	8.55
08 71 11 00-1772	EA	22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	104.16	8.55
08 71 11 00-1773	EA	22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	110.01	8.55
08 71 11 00-1774	EA	22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.81	8.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1775	EA	22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	123.69	9.05
08 71 11 00-1776	EA	22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	129.54	9.05
08 71 11 00-1777	EA	22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	135.34	9.05
08 71 11 00-1778	EA	22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	141.19	9.05
08 71 11 00-1779	EA	22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	149.00	9.55
08 71 11 00-1780	EA	22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	154.85	9.55
08 71 11 00-1781	EA	22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	160.70	9.55
08 71 11 00-1782	EA	22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	168.51	10.06
08 71 11 00-1783	EA	22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	174.36	10.06
08 71 11 00-1784	EA	22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	180.16	10.06
08 71 11 00-1785	EA	24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	104.16	8.55
08 71 11 00-1786	EA	24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	110.52	8.55
08 71 11 00-1787	EA	24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	116.91	8.55
08 71 11 00-1788	EA	24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	123.27	8.55
08 71 11 00-1789	EA	24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	131.64	9.05
08 71 11 00-1790	EA	24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	137.99	9.05
08 71 11 00-1791	EA	24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	144.35	9.05
08 71 11 00-1792	EA	24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	150.73	9.05
08 71 11 00-1793	EA	24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	159.11	9.55
08 71 11 00-1794	EA	24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	165.45	9.55
08 71 11 00-1795	EA	24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	171.81	9.55
08 71 11 00-1796	EA	24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	180.16	10.06
08 71 11 00-1797	EA	24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	186.57	10.06
08 71 11 00-1798	EA	24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	192.94	10.06

08 71 11 00-1799 Mop Plate *(08 71 11 00-0777)*
Note: Ives 8400.

08 71 11 00-1800 Aluminum Base Material Mop Plate *(08 71 11 00-1799)*

08 71 11 00-1801 Satin Aluminum Finish, Aluminum Mop Plate *(08 71 11 00-1800)*

08 71 11 00-1802	EA	4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	45.03	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1803	EA	4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	46.48	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1804	EA	4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	47.89	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1805	EA	4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	49.34	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1806	EA	4" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	52.01	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1807	EA	4" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	53.41	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1808	EA	4" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	54.87	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1809	EA	4" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	56.27	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1810	EA	4" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	59.44	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1811	EA	4" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	60.87	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1812	EA	4" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	62.29	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1813	EA	4" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	65.73	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1814	EA	4" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	67.19	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1815	EA	4" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	68.59	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1816	EA	6" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	52.92	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1817	EA	6" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	55.06	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1818	EA	6" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	57.23	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1819	EA	6" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	59.37	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1820	EA	6" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	62.76	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1821	EA	6" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	64.87	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1822	EA	6" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	67.07	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1823	EA	6" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	69.19	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1824	EA	6" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	73.07	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1825	EA	6" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	75.21	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1826	EA	6" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	77.38	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1827	EA	6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	81.54	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1828	EA	6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	83.71	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1829	EA	6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	85.83	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1830		Brass Base Material Mop Plate *(08 71 11 00-1799)*		
08 71 11 00-1831		Bright/Satin Brass Finish, Brass Mop Plate *(08 71 11 00-1830)*		
08 71 11 00-1832	EA	4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	71.39	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1833	EA	4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	75.27	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1834	EA	4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	79.09	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1835	EA	4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	82.94	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1836	EA	4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	87.97	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1837	EA	4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	91.79	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1838	EA	4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	95.64	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1839	EA	4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	99.46	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1840	EA	4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	105.02	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1841	EA	4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	108.84	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1842	EA	4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	112.66	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1843	EA	4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	118.52	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1844	EA	4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	122.34	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1845	EA	4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	126.21	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1846	EA	6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	92.52	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1847	EA	6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	98.25	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1848	EA	6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	104.01	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1849	EA	6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	109.74	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1850	EA	6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	116.71	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1851	EA	6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	122.49	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1852	EA	6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	128.20	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1853	EA	6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	133.99	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1854	EA	6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	141.40	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1855	EA	6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	147.19	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1856	EA	6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	152.95	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1857	EA	6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	160.69	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1858	EA	6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	166.45	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1859	EA	6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	172.18	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1860		**Bright/Satin Chrome Finish, Stainless Mop Plate** *(08 71 11 00-1830)*		
08 71 11 00-1861	EA	4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	75.59	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1862	EA	4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	79.79	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1863	EA	4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	84.00	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1864	EA	4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	88.22	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1865	EA	4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	93.62	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1866	EA	4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	97.84	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1867	EA	4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	102.06	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1868	EA	4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	106.25	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1869	EA	4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	112.18	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1870	EA	4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	116.42	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1871	EA	4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	120.64	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1872	EA	4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	126.87	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1873	EA	4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	131.06	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1874	EA	4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	135.28	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1875	EA	6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	98.75	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1876	EA	6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	105.04	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1877	EA	6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	111.38	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1878	EA	6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	117.72	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1879	EA	6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	125.22	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1880	EA	6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	131.56	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1881	EA	6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	137.84	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1882	EA	6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	144.18	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1883	EA	6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	152.23	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1884	EA	6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	158.52	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1885	EA	6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	164.86	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1886	EA	6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	173.16	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1887	EA	6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	179.50	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1888	EA	6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	185.81	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1889		**Satin/Dark Bronze Finish, Brass Mop Plate** *(08 71 11 00-1830)*		
08 71 11 00-1890	EA	4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	76.35	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1891	EA	4" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	80.62	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1892	EA	4" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	84.91	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1893	EA	4" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	89.18	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1894	EA	4" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	94.68	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1895	EA	4" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	98.97	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1896	EA	4" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	103.27	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1897	EA	4" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	107.56	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1898	EA	4" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	113.51	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1899	EA	4" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	117.81	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1900	EA	4" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	122.10	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1901	EA	4" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	128.40	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1902	EA	4" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	132.70	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1903	EA	4" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	136.94	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1904	EA	6" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	99.89	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1905	EA	6" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	106.35	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1906	EA	6" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	112.77	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1907	EA	6" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	131.68	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1908	EA	6" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	126.80	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1909	EA	6" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	133.22	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1910	EA	6" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	139.63	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1911	EA	6" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	146.05	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1912	EA	6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	154.22	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1913	EA	6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	160.64	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1914	EA	6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	167.05	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1915	EA	6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	175.48	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1916	EA	6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	181.89	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1917	EA	6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	188.31	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1918		Satin Nickel Finish, Stainless Mop Plate *(08 71 11 00-1830)*		
08 71 11 00-1919	EA	4" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	77.22	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1920	EA	4" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	81.53	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1921	EA	4" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	85.92	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1922	EA	4" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	90.29	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1923	EA	4" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	95.86	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1924	EA	4" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	100.20	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1925	EA	4" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	104.57	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1926	EA	4" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	108.93	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1927	EA	4" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	115.04	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1928	EA	4" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	119.38	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1929	EA	4" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	123.72	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1930	EA	4" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	130.12	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1931	EA	4" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	134.48	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1932	EA	4" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	138.80	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1933	EA	6" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	101.19	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1934	EA	6" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	107.72	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1935	EA	6" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	114.26	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1936	EA	6" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	120.80	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1937	EA	6" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	128.54	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1938	EA	6" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	135.08	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1939	EA	6" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	141.61	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1940	EA	6" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	148.17	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1941	EA	6" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	156.42	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1942	EA	6" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	162.98	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1943	EA	6" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	169.51	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1944	EA	6" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	178.06	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1945	EA	6" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	184.59	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1946	EA	6" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	191.15	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1947		Stainless Base Material Mop Plate *(08 71 11 00-1799)*		
08 71 11 00-1948		Satin Stainless Finish, Stainless Mop Plate *(08 71 11 00-1947)*		
08 71 11 00-1949	EA	4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	44.85	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1950	EA	4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	46.23	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1951	EA	4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	47.66	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1952	EA	4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	49.06	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1953	EA	4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	51.70	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1954	EA	4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	53.13	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1955	EA	4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	54.51	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1956	EA	4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	55.94	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1957	EA	4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	59.05	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1958	EA	4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	60.48	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1959	EA	4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	61.91	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1960	EA	4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	65.30	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1961	EA	4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	66.73	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1962	EA	4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	68.13	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1963	EA	6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	52.58	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1964	EA	6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	54.73	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1965	EA	6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	56.85	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1966	EA	6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	58.99	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1967	EA	6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	62.30	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1968	EA	6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	64.41	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1969	EA	6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	66.56	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1970	EA	6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	68.68	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1971	EA	6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	72.53	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1972	EA	6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	74.63	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1973	EA	6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	76.75	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1974	EA	6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	80.90	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1975	EA	6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	82.99	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1976	EA	6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	85.14	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1977		Bright Stainless Finish, Stainless Mop Plate *(08 71 11 00-1947)*		
08 71 11 00-1978	EA	4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	63.43	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1979	EA	4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	66.56	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1980	EA	4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	69.68	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1981	EA	4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	72.76	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1982	EA	4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	77.09	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1983	EA	4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	80.19	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1984	EA	4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	83.32	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1985	EA	4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	86.44	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1986	EA	4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	91.23	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1987	EA	4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	94.36	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1988	EA	4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	97.48	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1989	EA	4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	102.59	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1990	EA	4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	105.72	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1991	EA	4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	108.79	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1992	EA	6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	80.52	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1993	EA	6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	85.23	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1994	EA	6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	89.90	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1995	EA	6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	94.56	7.34
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1996	EA	6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	100.41	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1997	EA	6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	105.07	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1998	EA	6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	109.74	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1999	EA	6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	114.40	7.64
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2000	EA	6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	120.80	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2001	EA	6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	125.46	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2002	EA	6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	130.12	8.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2003	EA	6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	136.80	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2004	EA	6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	141.44	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-2005	EA	6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	146.10	8.55
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-2006 Plastic Mop Plate *(08 71 11 00-1799)*

08 71 11 00-2007 Clear Or Black Finish, Plastic Mop Plate *(08 71 11 00-2006)*

Note: With four beveled edges.

08 71 11 00-2008	EA	4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	42.85	7.34
08 71 11 00-2009	EA	4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	44.09	7.34
08 71 11 00-2010	EA	4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	45.34	7.34
08 71 11 00-2011	EA	4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	46.58	7.34
08 71 11 00-2012	EA	4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	49.02	7.64
08 71 11 00-2013	EA	4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	50.25	7.64
08 71 11 00-2014	EA	4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	51.48	7.64
08 71 11 00-2015	EA	4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	52.74	7.64
08 71 11 00-2016	EA	4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	55.68	8.04
08 71 11 00-2017	EA	4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	56.91	8.04
08 71 11 00-2018	EA	4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	58.15	8.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2019	EA	4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	61.39	8.55
08 71 11 00-2020	EA	4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	62.65	8.55
08 71 11 00-2021	EA	4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	63.88	8.55
08 71 11 00-2022	EA	6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	49.66	7.34
08 71 11 00-2023	EA	6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	51.53	7.34
08 71 11 00-2024	EA	6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	53.38	7.34
08 71 11 00-2025	EA	6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	55.23	7.34
08 71 11 00-2026	EA	6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	58.31	7.64
08 71 11 00-2027	EA	6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	60.16	7.64
08 71 11 00-2028	EA	6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	62.01	7.64
08 71 11 00-2029	EA	6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	63.85	7.64
08 71 11 00-2030	EA	6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	67.44	8.04
08 71 11 00-2031	EA	6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	69.29	8.04
08 71 11 00-2032	EA	6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	71.13	8.04
08 71 11 00-2033	EA	6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	75.02	8.55
08 71 11 00-2034	EA	6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	76.87	8.55
08 71 11 00-2035	EA	6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	78.72	8.55
08 71 11 00-2036		**Armor Door Plate** *(08 71 11 00-0777)* Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400.		
08 71 11 00-2037	SF	4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	27.97	1.26
08 71 11 00-2038	SF	>8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	26.86	0.98
08 71 11 00-2039	SF	4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	28.53	1.26
08 71 11 00-2040	SF	>8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	27.42	0.98
08 71 11 00-2041	SF	4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	58.50	1.26
08 71 11 00-2042	SF	>8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	57.39	0.98
08 71 11 00-2043		**Pull Handle And Plates** *(08 71 11 00-0777)*		
08 71 11 00-2044		**Pull Handle** *(08 71 11 00-2043)*		
08 71 11 00-2045	EA	3/4" Diameter, 6" Center to Center, Aluminum Door Pulls (Ives 8102HD-6)	56.31	8.29
		For Stainless Steel, Add	*9.72*	
		For Brass, Add	*13.19*	
08 71 11 00-2046	EA	3/4" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8102HD-8)	59.31	8.29
		For Stainless Steel, Add	*10.98*	
		For Brass, Add	*14.90*	
08 71 11 00-2047	EA	3/4" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8102HD-10)	64.04	8.29
		For Stainless Steel, Add	*12.97*	
		For Brass, Add	*17.60*	
08 71 11 00-2048	EA	1" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8103HD-8)	66.67	8.29
		For Stainless Steel, Add	*14.07*	
		For Brass, Add	*19.10*	
08 71 11 00-2049	EA	1" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8103HD-10)	71.42	8.29
		For Stainless Steel, Add	*16.07*	
		For Brass, Add	*21.80*	
08 71 11 00-2050	EA	1" Diameter, 12" Center to Center, Aluminum Door Pulls (Ives 8103HD-12)	77.56	8.29
		For Stainless Steel, Add	*18.64*	
		For Brass, Add	*25.30*	
08 71 11 00-2051	EA	1" Flattened x 1/2" Round, 6" Center To Center, Aluminum Door Pulls (Ives 8105-6)	59.53	8.29
		For Stainless Steel, Add	*11.07*	
		For Brass, Add	*15.03*	
08 71 11 00-2052	EA	1" Flattened x 1/2" Round, 8" Center To Center, Aluminum Door Pulls (Ives 8105-8)	66.09	8.29
		For Stainless Steel, Add	*13.83*	
		For Brass, Add	*18.76*	
08 71 11 00-2053	EA	1" Flattened x 1/2" Round, 10" Center To Center, Aluminum Door Pulls (Ives 8105-10)	67.16	8.29
		For Stainless Steel, Add	*14.28*	
		For Brass, Add	*19.37*	
08 71 11 00-2054	EA	1" Diameter, 8" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-8)	133.33	8.29
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*18.93*	
		For Brass, Add	*17.43*	
08 71 11 00-2055	EA	1" Diameter, 10" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-0)	137.38	8.29
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*19.70*	
		For Brass, Add	*18.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2056	EA	1" Diameter, 12" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-2)	145.53	8.29
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*21.24*	
		For Brass, Add	*19.55*	
08 71 11 00-2057	EA	1" Diameter, 18" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-18)	192.71	8.29
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*30.15*	
		For Brass, Add	*27.76*	
08 71 11 00-2058		**Pull Plate** *(08 71 11 00-2043)*		
08 71 11 00-2059	EA	3-1/2" x 15" Aluminum Pull Plate Door Hardware (Ives 8302)	91.07	6.29
		For Stainless Steel, Add	*38.90*	
		For Brass, Add	*49.46*	
08 71 11 00-2060	EA	4" x 16" Aluminum Pull Plate Door Hardware (Ives 8302)	93.37	6.29
		For Stainless Steel, Add	*40.26*	
		For Brass, Add	*51.18*	
08 71 11 00-2061	EA	6" x 16" Aluminum Pull Plate Door Hardware (Ives 8302)	98.59	6.29
		For Stainless Steel, Add	*43.34*	
		For Brass, Add	*55.10*	
08 71 11 00-2062		**Push Bars And Plates** *(08 71 11 00-0777)*		
08 71 11 00-2063		**Push Bars** *(08 71 11 00-2062)*		
08 71 11 00-2064	EA	3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate Note: Up to 34" wide. All finishes.	292.21	6.29
08 71 11 00-2065	EA	3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	248.44	6.29
		For Brass Push Bar, Add	*38.86*	
08 71 11 00-2066	EA	1" Diameter Stainless Steel Push Bar, Up To 34" Wide	257.81	6.29
		For Brass Push Bar, Add	*40.49*	
08 71 11 00-2067	EA	1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	490.49	6.29
		For Brass Push Bar, Add	*80.97*	
08 71 11 00-2068		**Push Plates** *(08 71 11 00-2062)*		
08 71 11 00-2069		**Aluminum Push Plates** *(08 71 11 00-2068)*		
08 71 11 00-2070		**Clear Anodized Finish, Aluminum Push Plates** *(08 71 11 00-2069)* Note: Ives 8200 Series.		
08 71 11 00-2071	EA	3" x 12", Clear Anodized Finish, Aluminum Push Plate Door Hardware	41.70	6.29
08 71 11 00-2072	EA	4" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	41.70	6.29
08 71 11 00-2073	EA	6" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	41.70	6.29
08 71 11 00-2074	EA	8" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	45.89	6.29
08 71 11 00-2075		**Stainless Steel Push Plates** *(08 71 11 00-2068)*		
08 71 11 00-2076		**Satin Finish, Stainless Steel Push Plates** *(08 71 11 00-2075)* Note: Ives 8200 Series.		
08 71 11 00-2077	EA	3" x 12", Satin Finish, Stainless Steel Push Plate Door Hardware	41.70	6.29
08 71 11 00-2078	EA	4" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	44.92	6.29
08 71 11 00-2079	EA	6" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	52.29	6.29
08 71 11 00-2080	EA	8" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	63.18	6.29
08 71 11 00-2081		**Brass Push Plates** *(08 71 11 00-2068)*		
08 71 11 00-2082		**Bright/Satin Brass Finish, Brass Push Plates** *(08 71 11 00-2081)* Note: Ives 8200 Series.		
08 71 11 00-2083	EA	3" x 12", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	51.54	6.29
08 71 11 00-2084	EA	4" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	59.81	6.29
08 71 11 00-2085	EA	6" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	79.74	6.29
08 71 11 00-2086	EA	8" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	92.84	6.29
08 71 11 00-2087		**Bright/Satin Chrome Finish, Brass Push Plates** *(08 71 11 00-2081)* Note: Ives 8200 Series.		
08 71 11 00-2088	EA	3" x 12", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	58.16	6.29
08 71 11 00-2089	EA	4" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	64.88	6.29
08 71 11 00-2090	EA	6" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	83.14	6.29
08 71 11 00-2091	EA	8" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	101.14	6.29
08 71 11 00-2092		**Satin/Dark Bronze Finish, Brass Push Plates** *(08 71 11 00-2081)* Note: Ives 8200 Series.		
08 71 11 00-2093	EA	3" x 12", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	58.16	6.29
08 71 11 00-2094	EA	4" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	64.88	6.29
08 71 11 00-2095	EA	6" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	86.36	6.29
08 71 11 00-2096	EA	8" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	102.93	6.29
08 71 11 00-2097		**Satin Nickel Finish, Brass Push Plates** *(08 71 11 00-2081)* Note: Ives 8200 Series.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2098	EA	3" x 12", Satin Nickel Finish, Brass Push Plate Door Hardware	58.16	6.29
08 71 11 00-2099	EA	4" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	66.57	6.29
08 71 11 00-2100	EA	6" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	91.46	6.29
08 71 11 00-2101	EA	8" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	108.03	6.29
08 71 11 00-2102		**Anti-Vandal Pull** *(08 71 11 00-2062)*		
08 71 11 00-2103	EA	Anti-Vandal Pull With Astragal (Trimco 1096HA)	330.09	12.57
08 71 11 00-2104	EA	Anti-Vandal Pull Without Astragal (Trimco 1097HA)	330.09	12.57
08 71 11 00-2105		**Exit Devices** *(08 71 11)*		
08 71 11 00-2106		**Push Bar Exit Device, Von Duprin Series 22** *(08 71 11 00-2105)*		
		Note: Grade 1, BHMA 156.3.		
08 71 11 00-2107	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 22)	688.66	113.09
		Note: Anodized finish: aluminum or dark brown.		
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2108	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 22-F)	765.24	113.09
		Note: Anodized finish: aluminum or dark brown.		
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2109	EA	3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 2227)	996.88	135.72
		Note: Anodized finish: aluminum or dark brown.		
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2110	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 2227-F)	1,187.63	125.66
		Note: Anodized finish: aluminum or dark brown.		
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2111	EA	Dummy Trim (Von Duprin Series 22, 210DT)	93.54	18.85
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2112	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 210NL)	200.60	25.13
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2113	EA	Knob Trim With Cylinder (Von Duprin Series 22, 210K)	375.58	37.70
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2114	EA	Lever Trim With Cylinder (Von Duprin Series 22, 230L)	372.06	37.70
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2115	EA	Thumbpiece Trim With Cylinder (Von Duprin Series 22, 230TP)	371.17	37.70
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2116	EA	Blank Escutcheon Knob (Von Duprin Series 22, 210K-BE)	295.70	37.70
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2117	EA	Exit Only Trim Plate (Von Duprin Series 22, 230EO)	119.69	15.08
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2118	EA	Dummy Trim (Von Duprin Series 22, 230DT)	138.57	18.85
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2119	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 230NL)	247.40	25.13
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2120	EA	Blank Escutcheon Lever (Von Duprin Series 22, 230L-BE)	292.17	37.70
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2121	EA	Blank Escutcheon Thumbpiece (Von Duprin Series 22, 230TP-BE)	291.28	37.70
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2122		**Push Bar Exit Device, Narrow Stile, Von Duprin Series 33/35** *(08 71 11 00-2105)*		
		Note: Grade 1, BHMA 156.3. Series 33 has a ribbed case, Series 35 has a smooth case.		
08 71 11 00-2123	EA	3' Push Bar, Rim Type, Narrow Stile Exit Device (Von Duprin Series 33/35)	1,594.19	113.09
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*132.36*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*124.73*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*49.12*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*377.44*	
08 71 11 00-2124	EA	3' Push Bar, Surface Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3327/3527)	2,179.65	135.72
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*186.14*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*175.41*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*69.07*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*530.78*	
08 71 11 00-2125	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3327-F/3527-F)	2,223.69	135.72
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*190.65*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*179.66*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*70.75*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*543.64*	
08 71 11 00-2126	EA	3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3347/3547)	2,251.17	155.82
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*187.80*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*176.98*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*69.69*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*535.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2127	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3347-F/3547-F)	2,364.77	155.82
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*199.43*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*187.94*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*74.01*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*568.69*	
08 71 11 00-2128	EA	3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3348/3548)	2,523.59	155.82
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*215.69*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*203.27*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*80.04*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*615.07*	
08 71 11 00-2129	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3348-F/3548-F)	2,637.20	155.82
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*227.33*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*214.23*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*84.36*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*648.24*	
08 71 11 00-2130	EA	Dummy Trim (Von Duprin Series 33/35, DT)	360.94	18.85
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*29.98*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*11.81*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*90.72*	
08 71 11 00-2131	EA	Night Latch With Cylinder, Less Pull (Von Duprin Series 33/35, NL-OP)	398.52	25.13
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*31.67*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*12.47*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*95.82*	
08 71 11 00-2132	EA	Night Latch With Cylinder (Von Duprin Series 33/35, NL)	656.41	25.13
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*56.55*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*22.27*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*171.12*	
08 71 11 00-2133	EA	Lever Trim With Cylinder (Von Duprin Series 33/35, 360L)	665.17	37.70
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*54.49*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*21.46*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*164.87*	
08 71 11 00-2134	EA	Blank Escutcheon Lever With Cylinder (Von Duprin Series 33/35, 360L-BE)	792.51	37.70
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*66.78*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*26.30*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*202.06*	
08 71 11 00-2135	EA	Lever Dummy Trim With Cylinder (Von Duprin Series 33/35, 360L-DT)	776.45	37.70
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*65.23*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*25.68*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*197.37*	
08 71 11 00-2136	EA	Thumbturn Trim With Cylinder (Von Duprin Series 33/35, 360T)	783.95	37.70
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*65.95*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*25.97*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*199.56*	
08 71 11 00-2137		Push Bar Exit Device, Von Duprin Series 98/99 *(08 71 11 00-2105)*		
		Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case.		
08 71 11 00-2138	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 98/99)	1,366.27	113.09
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*64.94*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*103.27*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*165.02*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*337.50*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*106.47*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*156.51*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*55.86*	
		For Special Center Case Dogging (SD), Add	*233.86*	
		For Cylinder Dogging Indicator (CI), Add	*155.66*	
		For Dogging Indicator (DI), Add	*143.00*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2139	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 98-F/99-F)	1,552.50	113.09
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*76.30*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*121.34*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*193.89*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*396.54*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*125.09*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*183.88*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2140	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series XP98/XP99)	1,237.71	113.09
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*57.10*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*90.80*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*145.10*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*296.75*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*93.61*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*137.61*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*55.86*	
		For Special Center Case Dogging (SD), Add	*233.86*	
		For Cylinder Dogging Indicator (CI), Add	*155.66*	
		For Dogging Indicator (DI), Add	*143.00*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2141	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series XP98-F/XP99-F)	1,380.77	113.09
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*65.83*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*104.68*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*167.27*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*342.10*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*107.92*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*158.64*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2142	EA	3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 9827/9927)	1,951.61	135.72
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*96.97*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*154.20*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*246.40*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*503.93*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*158.97*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*233.69*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*55.86*	
		For Special Center Case Dogging (SD), Add	*233.86*	
		For Cylinder Dogging Indicator (CI), Add	*155.66*	
		For Dogging Indicator (DI), Add	*143.00*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2143	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 9827-F/9927-F)	2,204.04	135.72
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*112.37*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*178.69*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*285.53*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*583.96*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*184.21*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*270.79*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2144	EA	3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847/9947)	2,048.41	155.82
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*151.70*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*158.23*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*252.84*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*517.09*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*163.12*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*239.79*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*55.86*	
		For Special Center Case Dogging (SD), Add	*233.86*	
		For Cylinder Dogging Indicator (CI), Add	*155.66*	
		For Dogging Indicator (DI), Add	*143.00*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2145	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847-F/9947-F)	2,306.45	155.82
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*175.70*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*183.26*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*292.83*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*598.89*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*188.93*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*277.72*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2146	EA	3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848/9948)	2,312.05	155.82
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*176.22*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*183.80*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*293.70*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*600.67*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*189.49*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*278.54*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*55.86*	
		For Special Center Case Dogging (SD), Add	*233.86*	
		For Cylinder Dogging Indicator (CI), Add	*155.66*	
		For Dogging Indicator (DI), Add	*143.00*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2147	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848-F/9948-F)	2,111.91	155.82
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*157.61*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*164.39*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*262.68*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*537.22*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*169.47*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*249.12*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2148	EA	3' Push Bar, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC/9947WDC)	1,848.74	155.82
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*133.13*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*138.86*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*221.89*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*453.80*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*143.15*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*210.44*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*55.86*	
		For Special Center Case Dogging (SD), Add	*233.86*	
		For Cylinder Dogging Indicator (CI), Add	*155.66*	
		For Dogging Indicator (DI), Add	*143.00*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2149	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC-F/9947WDC-F)	2,077.47	155.82
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*154.41*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*161.05*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*257.34*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*526.31*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*166.03*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*244.06*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2150	EA	3' Push Bar, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857/9957)	2,000.10	135.72
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*99.93*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*158.90*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*253.92*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*519.31*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*163.82*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*240.81*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*55.86*	
		For Special Center Case Dogging (SD), Add	*233.86*	
		For Cylinder Dogging Indicator (CI), Add	*155.66*	
		For Dogging Indicator (DI), Add	*143.00*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2151	EA	3' Push Bar, Fire Rated, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857-F/9957-F)	2,131.69	135.72
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*107.96*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*171.67*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*274.32*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*561.02*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*176.98*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*260.16*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*55.86*	
		For Special Center Case Dogging (SD), Add	*233.86*	
		For Cylinder Dogging Indicator (CI), Add	*155.66*	
		For Dogging Indicator (DI), Add	*143.00*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2152	EA	3' Push Bar, Mortise Lock, Exit Device (Von Duprin Series 9875/9975)	1,933.04	140.75
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*57.57*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*150.94*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*241.19*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*493.27*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*155.61*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*228.74*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*55.86*	
		For Special Center Case Dogging (SD), Add	*233.86*	
		For Cylinder Dogging Indicator (CI), Add	*155.66*	
		For Dogging Indicator (DI), Add	*143.00*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2153	EA	3' Push Bar, Fire Rated, Mortise Lock, Exit Device (Von Duprin Series 9875-F/9975-F)	2,122.63	140.75
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*64.59*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*169.33*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*270.57*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*553.37*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*174.56*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*256.61*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2154	EA	3' Push Bar, Concealed Vertical Cable, Exit Device (Von Duprin Series 9849/9949)	1,763.96	155.82
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*125.25*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*130.64*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*208.75*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*426.92*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*134.68*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*197.97*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*55.86*	
		For Special Center Case Dogging (SD), Add	*233.86*	
		For Cylinder Dogging Indicator (CI), Add	*155.66*	
		For Dogging Indicator (DI), Add	*143.00*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2155	EA	3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device(Von Duprin Series 9849-F/9949-F)	1,912.32	155.82
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*139.05*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*145.03*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*231.74*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*473.95*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*149.51*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*219.78*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*55.86*	
		For Special Center Case Dogging (SD), Add	*233.86*	
		For Cylinder Dogging Indicator (CI), Add	*155.66*	
		For Dogging Indicator (DI), Add	*143.00*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2156	EA	3' Push Bar, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC/9949WDC)	1,917.62	155.82
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*139.54*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*145.54*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*232.57*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*475.63*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*150.04*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*220.56*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*55.86*	
		For Special Center Case Dogging (SD), Add	*233.86*	
		For Cylinder Dogging Indicator (CI), Add	*155.66*	
		For Dogging Indicator (DI), Add	*143.00*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2157	EA	3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC-F/9949WDC-F)	2,182.55	155.82
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*164.18*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*171.24*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*273.63*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*559.62*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*176.54*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*259.51*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*55.86*	
		For Special Center Case Dogging (SD), Add	*233.86*	
		For Cylinder Dogging Indicator (CI), Add	*155.66*	
		For Dogging Indicator (DI), Add	*143.00*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2158	EA	3' Push Bar, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98/CX99)	3,047.72	130.69
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*417.86*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*854.59*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*269.59*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*100.29*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*112.69*	
		For Center Case Dogging (CD-CX), Add	*252.47*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2159	EA	3' Push Bar, Fire Rated, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98-F/CX99-F)	3,233.96	130.69
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*446.73*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*913.63*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*288.21*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*107.21*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*120.47*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2160	EA	3' Push Bar, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875/CX9975)	3,624.56	160.85
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*494.02*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*1,010.36*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*318.73*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*118.57*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*133.23*	
		For Center Case Dogging (CD-CX), Add	*252.47*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2161	EA	3' Push Bar, Fire Rated, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875-F/CX9975-F)	3,814.16	160.85
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*523.41*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*1,070.46*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*337.69*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*125.62*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*141.15*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2162	EA	3' Push Bar, Electric Latch Retraction, Exit Device (Von Duprin Series E98/E99)	1,948.29	130.69
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*247.45*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*506.07*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*159.64*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*59.39*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*91.64*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*55.86*	
		For Special Center Case Dogging (SD), Add	*233.86*	
		For Dogging Indicator (DI), Add	*143.00*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2163	EA	3' Push Bar, Fire Rated, Electric Latch Retraction, Exit Device (Von Duprin Series E98-F/E99-F)	2,134.53	130.69
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*276.31*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*565.11*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*178.27*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*66.32*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*102.33*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2164	EA	3' Push Bar, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875/E9975)	2,525.13	160.85
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*323.61*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*661.84*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*208.78*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*77.67*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*119.84*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*55.86*	
		For Special Center Case Dogging (SD), Add	*233.86*	
		For Dogging Indicator (DI), Add	*143.00*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2165	EA	3' Push Bar, Fire Rated, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875-F/E9975-F)	2,714.71	160.85
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*353.00*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*721.94*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*227.74*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*84.72*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*130.72*	
		For Quiet Electric Latch Retraction (QEL), Add	*640.53*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*72.25*	
		For Safety Glow Touchpad, Add	*260.67*	
08 71 11 00-2166	EA	Exit Only Trim Plate (Von Duprin Series 98/99, EO)	159.42	15.08
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*3.58*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*5.36*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*20.27*	
08 71 11 00-2167	EA	Dummy Trim (Von Duprin Series 98/99, 990DT)	235.70	18.85
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*5.56*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*8.34*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*31.52*	
08 71 11 00-2168	EA	Night Latch Pull Trim With 110NL Cylinder (Von Duprin Series 98/99, 990NL)	348.94	25.13
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.36*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*12.54*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*47.36*	
08 71 11 00-2169	EA	Night Latch Pull Trim Without Cylinder (Von Duprin Series 98/99, 990NL)	269.05	25.13
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*5.96*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*8.94*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*33.78*	
08 71 11 00-2170	EA	Lever Trim With 110NL Cylinder (Von Duprin Series 98/99, 996L)	609.01	37.70
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*15.25*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*22.88*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*86.44*	
08 71 11 00-2171	EA	Lever Trim Without Cylinder (Von Duprin Series 98/99, 996L)	529.12	37.70
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*12.86*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*19.29*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*72.86*	
08 71 11 00-2172	EA	Blank Escutcheon, Lever ((Von Duprin Series 98/99, 996L-BE)	529.12	37.70
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*12.86*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*19.29*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*72.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2173	EA	Night Latch, Lever With 110NL Cylinder (Von Duprin Series 98/99, 996L-NL)	514.40	37.70
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*12.42*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*18.62*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*70.36*	
08 71 11 00-2174	EA	Night Latch, Lever Without Cylinder (Von Duprin Series 98/99, 996L-NL)	434.51	37.70
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.02*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*15.03*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*56.78*	
08 71 11 00-2175	EA	Lever Dummy Trim (Von Duprin Series 98/99, 996L-DT))	434.51	37.70
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.02*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*15.03*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*56.78*	
08 71 11 00-2176	EA	Knob Trim With 110NL Cylinder (Von Duprin Series 98/99, K)	499.27	37.70
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.96*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*17.94*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*67.79*	
08 71 11 00-2177	EA	Knob Trim Without Cylinder (Von Duprin Series 98/99, K)	419.38	37.70
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.57*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*14.35*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*54.20*	
08 71 11 00-2178	EA	Blank Escutcheon, Knob (Von Duprin Series 98/99, K-BE)	419.38	37.70
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.57*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*14.35*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*54.20*	
08 71 11 00-2179	EA	Night Latch, Knob With 110NL Cylinder (Von Duprin Series 98/99, K-NL)	490.75	37.70
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.71*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*17.56*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*66.34*	
08 71 11 00-2180	EA	Night Latch, Knob Without Cylinder (Von Duprin Series 98/99, K-NL)	410.86	37.70
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.31*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.96*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*52.76*	
08 71 11 00-2181	EA	Dummy Trim For Knob Without Cylinder (Von Duprin Series 98/99, K-DT)	410.86	37.70
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.31*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.96*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*52.76*	
08 71 11 00-2182	EA	Thumbpiece Trim With 110NL Cylinder (Von Duprin Series 98/99, TP)	444.38	37.70
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.32*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*15.47*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*58.45*	
08 71 11 00-2183	EA	Thumbpiece Trim Without Cylinder (Von Duprin Series 98/99, TP)	364.50	37.70
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*7.92*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*11.88*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*44.87*	
08 71 11 00-2184	EA	Blank Escutcheon, Thumbpiece (Von Duprin Series 98/99, T-BE)	364.50	37.70
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*7.92*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*11.88*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*44.87*	
08 71 11 00-2185	EA	Push/Pull Hospital Latch Trim With 110NL Cylinder (Von Duprin Series 98/99, HL)	364.40	37.70
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*7.92*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*11.87*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*44.86*	
08 71 11 00-2186		Option And Kits For Series 22, 33, 35, 98 Or 99 *(08 71 11 00-2105)*		
08 71 11 00-2187	EA	Alarm Kit With Switch And 9 Volt Battery Back-up	869.71	37.70
08 71 11 00-2188	EA	4 Amperes Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS914)	715.39	37.70
		For Battery Backup (Includes Board And 2 Batteries), Add	*59.40*	
		For Fire Alarm Interface, Add	*29.70*	
		For 2 Relay Panic Device Control Board, Add	*68.91*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*80.78*	
		For 4 Relay Output Board, Add	*66.53*	
		For 4 Relay Logic Board, Add	*182.47*	
		For Fused 8 Zone Distribution Board, Add	*23.76*	
08 71 11 00-2189	EA	Jamb Mounted Concealed Electric Power Transfer (Von Duprin EPT-10)	667.65	37.70
08 71 11 00-2190	EA	2 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS902)	364.18	37.70
		For Battery Backup (Includes Board And 2 Batteries), Add	*59.40*	
		For Fire Alarm Interface, Add	*29.70*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*80.78*	
		For 4 Relay Output Board, Add	*66.53*	
		For 4 Relay Logic Board, Add	*182.47*	
		For Fused 8 Zone Distribution Board, Add	*23.76*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2191	EA	4 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS904)	597.49	37.70
		For Battery Backup (Includes Board And 2 Batteries), Add	*59.40*	
		For Fire Alarm Interface, Add	*29.70*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*80.78*	
		For 4 Relay Output Board, Add	*66.53*	
		For 4 Relay Logic Board, Add	*182.47*	
		For Fused 8 Zone Distribution Board, Add	*23.76*	
08 71 11 00-2192	EA	6 Amperes Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS906)	706.18	38.20
		For Owner Furnished Material, Deduct	*-605.65*	
08 71 11 00-2193	EA	4 Amperes (3 Amperes Wet) Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS914 x 900-2RS)	777.53	38.20
		For Owner Furnished Material, Deduct	*-677.00*	
08 71 11 00-2194	EA	Request to Exit Push Pad Monitor Switch (RX)	192.51	25.13
08 71 11 00-2195	EA	EL Conversion Kit, Electric Latch Retraction (Von Duprin)	945.40	
		Note: For Von Duprin Series 33A/35A/98/99 Exit Device		

08 71 11 00-2196 Removable Verticals, Mullions (Von Duprin) *(08 71 11 00-2105)*

08 71 11 00-2197	EA	7'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-72)	506.77	25.13
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-406.24*	
08 71 11 00-2198	EA	8'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-82)	538.56	25.13
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-438.03*	
08 71 11 00-2199	EA	10'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-102)	881.48	25.13
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-780.95*	
08 71 11 00-2200	EA	7'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-76)	865.99	30.16
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-745.35*	
08 71 11 00-2201	EA	8'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-86)	897.78	30.16
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-777.14*	
08 71 11 00-2202	EA	10'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-106)	967.55	30.16
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-846.91*	
08 71 11 00-2203	EA	7'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-73)	899.30	25.13
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-798.77*	
08 71 11 00-2204	EA	8'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-83)	940.82	25.13
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-840.29*	
08 71 11 00-2205	EA	10'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-103)	1,024.95	25.13
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-924.42*	
08 71 11 00-2206	EA	7'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-75)	1,393.96	30.16
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-1,273.32*	
08 71 11 00-2207	EA	8'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-85)	1,435.48	30.16
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-1,314.84*	
08 71 11 00-2208	EA	10'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-105)	2,739.89	30.16
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-2,619.25*	
08 71 11 00-2209	EA	Mullion Stabilizer Set (Von Duprin 154)	106.44	20.10
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-66.23*	

08 71 11 00-2210 Cross Bar Exit Device, Narrow Stile, Von Duprin Series 55 *(08 71 11 00-2105)*

Note: Grade 1, BHMA 156.3.

08 71 11 00-2211	EA	42" Crossbar Exit Device, Rim Type, Narrow Stile	1,988.36	113.09
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*212.53*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*244.58*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*322.17*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*350.85*	
08 71 11 00-2212	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile	2,560.54	155.82
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*270.06*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*310.78*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*409.38*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*445.81*	
08 71 11 00-2213	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile, Fire Rated	2,799.86	155.82
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*300.22*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*345.49*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*455.09*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*495.59*	
08 71 11 00-2214	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile	2,619.70	155.82
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*277.52*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*319.36*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*420.68*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*458.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2215	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile, Fire Rated	2,851.96	155.82
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*306.78*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*353.04*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*465.04*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*506.43*	
08 71 11 00-2216	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile	1,986.03	140.75
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*202.74*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*233.31*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*307.33*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*334.68*	
08 71 11 00-2217	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile, Fire Rated	2,142.34	140.75
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*222.43*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*255.98*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*337.18*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*367.19*	
08 71 11 00-2218	EA	Dummy Trim (DT) Pull Bracket, Von Duprin Series 55	340.81	18.85
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*36.61*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*42.13*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*55.50*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*60.43*	
08 71 11 00-2219	EA	Cylinder Assembly, Von Duprin Series 55	152.50	26.64
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*10.35*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*11.91*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*15.69*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*17.08*	
08 71 11 00-2220	EA	Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 55	568.86	26.64
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*62.81*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*72.28*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*95.21*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*103.69*	
08 71 11 00-2221	EA	Thumbturn Trim (376T) With Cylinder, Von Duprin Series 55	609.62	37.70
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*64.15*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*73.82*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*97.24*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*105.89*	
08 71 11 00-2222	EA	Thumbturn - Blank Escutcheon (376T-BE), Von Duprin Series 55	501.47	37.70
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*50.52*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*58.14*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*76.58*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*83.40*	
08 71 11 00-2223	EA	Lever Trim (371L) With Cylinder, Von Duprin Series 55	609.62	37.70
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*64.15*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*73.82*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*97.24*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*105.89*	
08 71 11 00-2224	EA	Lever Trim (575L) With Cylinder, Von Duprin Series 55	703.23	37.70
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*75.94*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*87.39*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*115.12*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*125.36*	
08 71 11 00-2225		Cross Bar Exit Device, Von Duprin Series 88 *(08 71 11 00-2105)*		
		Note: Grade 1, BHMA 156.3.		
08 71 11 00-2226	EA	42" Crossbar, Rim Type, Exit Device	1,258.02	113.09
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*29.65*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*30.61*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*261.10*	
08 71 11 00-2227	EA	42" Crossbar, Fire Rated, Rim Type, Exit Device	1,469.09	113.09
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*36.19*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*37.36*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*318.72*	
08 71 11 00-2228	EA	42" Crossbar, Surface Vertical Rods, Exit Device	1,628.31	135.72
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*39.26*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*40.52*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*345.73*	
08 71 11 00-2229	EA	42" Crossbar, Fire Rated, Surface Vertical Rods, Exit Device	2,084.87	135.72
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*53.41*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*55.13*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*470.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2230	EA	42" Crossbar, Concealed Vertical Rods, Exit Device	1,568.70	155.82
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*35.70*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*36.85*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*314.36*	
08 71 11 00-2231	EA	42" Crossbar, Fire Rated, Concealed Vertical Rods, Exit Device	1,983.86	155.82
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*48.57*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*50.13*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*427.70*	
08 71 11 00-2232	EA	42" Crossbar, Mortise Lock, Exit Device	1,684.00	140.75
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*40.52*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*41.82*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*356.81*	
08 71 11 00-2233	EA	42" Crossbar, Fire Rated, Mortise Lock, Exit Device	1,791.75	140.75
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*43.86*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*45.27*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*386.23*	
08 71 11 00-2234	EA	Dummy Trim (Von Duprin Series 88, DT)	189.80	18.85
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*4.33*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*4.47*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*38.09*	
08 71 11 00-2235	EA	Night Latch Pull Trim With Cylinder (Von Duprin Series 88, NL)	297.73	25.13
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*7.05*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*7.28*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*62.07*	
08 71 11 00-2236	EA	Thumbturn Trim With Cylinder (Von Duprin Series 88, 376T Or 377T)	529.73	37.70
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*13.31*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*13.73*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*117.17*	
08 71 11 00-2237	EA	Lever Trim With Cylinder (Von Duprin Series 88, 373L)	494.40	37.70
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*12.21*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*12.60*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*107.53*	
08 71 11 00-2238	EA	Knob Trim With Cylinder (Von Duprin Series 88, K)	368.52	37.70
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*8.31*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*8.58*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*73.16*	
08 71 11 00-2239	EA	Thumbpiece Trim With Cylinder (Von Duprin Series 88, TP)	368.52	37.70
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*8.31*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*8.58*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*73.16*	
08 71 11 00-2240		**Push Bar Exit Device, Precision Hardware Apex 2000 Series** *(08 71 11 00-2105)*		
		Note: Grade 1, BHMA 156.3. Anodized Aluminum Finish.		
08 71 11 00-2241	EA	3' Push Bar Exit Device, Rim Type (Precision Hardware 2100 Series)	1,950.59	113.09
		For 4' Push Bar, Add	*13.87*	
		For Owner Furnished Material, Deduct	*-1,648.99*	
08 71 11 00-2242	EA	3' Push Bar Exit Device, Rim Type, Fire Rated (Precision Hardware 2100 Series)	2,063.90	113.09
		For 4' Push Bar, Add	*13.87*	
		For Owner Furnished Material, Deduct	*-1,762.30*	
08 71 11 00-2243	EA	3' Push Bar Exit Device, Surface Vertical Rod (Top Only) (Precision Hardware 2200 Series)	2,689.29	135.72
		For 4' Push Bar, Add	*13.87*	
		For Owner Furnished Material, Deduct	*-2,327.38*	
08 71 11 00-2244	EA	3' Push Bar Exit Device, Surface Vertical Rod (Top Only), Fire Rated (Precision Hardware 2200 Series)	2,802.59	135.72
		For 4' Push Bar, Add	*13.87*	
		For Owner Furnished Material, Deduct	*-2,440.68*	
08 71 11 00-2245	EA	Exit Only, Cover Plate, Lever/Knob Trim (Precision 4901)	237.02	15.08
		For Owner Furnished Material, Deduct	*-196.81*	
08 71 11 00-2246	EA	Exit Only, Dummy Trim, Lever/Knob Trim (Precision 4902A)	648.13	18.85
		For Owner Furnished Material, Deduct	*-597.87*	
08 71 11 00-2247	EA	Key Retracts Latchbolt, Lever/Knob Trim (Precision 4903A)	698.40	37.70
		For Owner Furnished Material, Deduct	*-597.87*	
08 71 11 00-2248	EA	Key Controls Lever/Knob, Lever/Knob Trim (Precision 4908A)	847.50	37.70
		For Owner Furnished Material, Deduct	*-746.97*	
08 71 11 00-2249	EA	Key Controls Lever, Lever/Knob Trim (Precision V4908A)	847.50	37.70
		For Owner Furnished Material, Deduct	*-746.97*	
08 71 11 00-2250	EA	Lever/Knob Always Active, Lever/Knob Trim (Precision 4914A)	847.50	37.70
		For Owner Furnished Material, Deduct	*-746.97*	
08 71 11 00-2251	EA	Exit Only, Cover Plate, Pull Trim (Precision 1701)	171.40	15.08
		For Owner Furnished Material, Deduct	*-131.19*	
08 71 11 00-2252	EA	Exit Only, Dummy Trim, Pull Trim (Precision 1702A)	375.29	18.85
		For Owner Furnished Material, Deduct	*-325.03*	
08 71 11 00-2253	EA	Key Retracts Latchbolt, Pull Trim (Precision 1703A)	395.40	25.13
		For Owner Furnished Material, Deduct	*-325.03*	
08 71 11 00-2254	EA	Key Controls Thumb Piece, Pull Trim (Precision 1705A)	556.75	37.70
		For Owner Furnished Material, Deduct	*-456.22*	

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	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2255		EA	Thumb Piece Always Active, Pull Trim (Precision 1715A)	556.75	37.70
			For Owner Furnished Material, Deduct	*-456.22*	
08 71 11 00-2256			**Door Closers** *(08 71 11)*		
			Note: Includes standard cover and arm.		
08 71 11 00-2257		EA	Surface Mounted Standard Duty Door Closer (LCN 1460 Series)	431.98	29.15
			For Delayed Action, Add	*12.60*	
			For AVB (5 LB Per Push), Add	*6.60*	
			For Fusible Link Arm, Add	*39.60*	
			For Shock Absorbing Arm, Add	*19.80*	
			For Hold Open Arm, Add	*13.80*	
			For Plated Brass Finish, Add	*101.40*	
			For Plated Finish With Clear Coat, Add	*127.20*	
			For Parallel Arm, Add	*22.40*	
08 71 11 00-2258		EA	Surface Mounted Heavy Duty Door Closer (LCN 4010/4020/4110 Series)	527.89	29.15
			For Delayed Action, Add	*12.60*	
			For AVB (5 LB Per Push), Add	*6.60*	
			For Fusible Link Arm, Add	*39.60*	
			For Shock Absorbing Arm, Add	*19.80*	
			For Hold Open Arm, Add	*13.80*	
			For Plated Brass Finish, Add	*101.40*	
			For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2259		EA	Surface Mounted Heavy Duty Door Closer (LCN 4040XP/4041 Series)	543.14	29.15
			For Delayed Action, Add	*12.60*	
			For AVB (5 LB Per Push), Add	*6.60*	
			For Fusible Link Arm, Add	*39.60*	
			For Shock Absorbing Arm, Add	*19.80*	
			For Hold Open Arm, Add	*13.80*	
			For Plated Brass Finish, Add	*101.40*	
			For Plated Finish With Clear Coat, Add	*127.20*	
			For Spring Cush Arm, Add	*67.20*	
			For Parallel Arm And PA Shoe, Add	*22.40*	
			For Stainless Steel Finish, Add	*145.00*	
08 71 11 00-2260		EA	Surface Mounted High Security Door Closer With Metal Cover (LCN 4510)	562.23	29.15
			For Delayed Action, Add	*12.60*	
			For AVB (5 LB Per Push), Add	*6.60*	
			For Fusible Link Arm, Add	*39.60*	
			For Shock Absorbing Arm, Add	*19.80*	
			For Hold Open Arm, Add	*13.80*	
			For Plated Brass Finish, Add	*101.40*	
			For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2261		EA	Surface Mounted Standard Duty Door Closer (Norton 8301)	360.14	29.15
			For Parallel Arm, Add	*22.40*	
08 71 11 00-2262		EA	Surface Mounted Standard Duty Door Closer (Norton 8501)	363.35	29.15
			For Parallel Arm, Add	*22.40*	
08 71 11 00-2263		EA	Screen Door - Closer	51.96	10.94
08 71 11 00-2264		EA	Screen Door - Locking Handle	56.12	15.71
08 71 11 00-2265			**Concealed Door Closers** *(08 71 11)*		
08 71 11 00-2266		EA	Non Hold Open, Floor Concealed Door Closer (Rixson 27/28)	1,217.87	86.46
08 71 11 00-2267		EA	Selective Hold Open, Floor Concealed Door Closer (Rixson 27/27)	1,307.77	86.46
08 71 11 00-2268		EA	Concealed (In Door) Overhead Door Closer (LCN 3130)	623.73	35.19
			For Hold Open Arm, Add	*13.80*	
			For Plated Brass Finish, Add	*101.40*	
			For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2269		EA	Concealed (In Frame) Overhead Door Closer (LCN 5010)	676.32	35.19
			For Delayed Action, Add	*12.60*	
			For Hold Open Arm, Add	*13.80*	
			For Plated Brass Finish, Add	*101.40*	
			For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2270			**Locks And Latches** *(08 71 11)*		
			Note: All locksets are supplied with knob, lever or thumb piece, set of 3 keys and include a core. Multi purchase locksets can be keyed alike and to an existing master key (when required). The cost for boring hole or preparing mortise is included with the new door.		
08 71 11 00-2271			**Locksmith Services** *(08 71 11 00-2270)*		
08 71 11 00-2272		EA	Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys	2.06	
			For >50, Deduct	*-0.41*	
08 71 11 00-2273		EA	Rekey Existing Cylinder To Match Existing Cylinders Or Master Key	120.69	
			For >5, Deduct	*-12.07*	
08 71 11 00-2274		EA	Removal And Replacement Of Cylinder With Owner Supplied Cylinder	120.69	
			For >5, Deduct	*-12.07*	
08 71 11 00-2275		EA	Removal And Replacement Of Cylinder With New Cylinder	142.62	
			Note: Excludes core.		
			For >5, Deduct	*-12.07*	
08 71 11 00-2276		EA	Open Locked Doors	120.69	
08 71 11 00-2277		EA	Install Owner Furnished Cores And Cylinders	50.67	
08 71 11 00-2278			**Mortise Locksets And Latchsets** *(08 71 11 00-2270)*		
			Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2279	EA	Passage/Closet F01 Mortise Latchset	747.42	25.13
		Note: Both sides always unlocked.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*21.35*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*19.41*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*32.34*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*228.35*	
08 71 11 00-2280	EA	Bath/Bedroom Privacy F02/F19 Mortise Lockset	891.16	25.13
		Note: Locked with thumb knob inside.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*26.09*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*23.72*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*39.53*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*279.09*	
08 71 11 00-2281	EA	Entrance/Office F04 Mortise Lockset	992.82	25.13
		Note: Locked with key outside and thumb knob inside.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*29.45*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*26.77*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*44.61*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*314.98*	
08 71 11 00-2282	EA	Classroom F05 Mortise Lockset	926.05	25.13
		Note: Locked with key outside. Inside always unlocked.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*27.24*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*24.77*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*41.28*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*291.41*	
		For Security Function (Double Cylinder) With Visual Indicator, Add	*75.51*	
08 71 11 00-2283	EA	Storeroom/Closet F07 Mortise Lockset	926.05	25.13
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*27.24*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*24.77*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*41.28*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*291.41*	
08 71 11 00-2284	EA	Entrance F08 Mortise Lockset	1,035.39	25.13
		Note: Locked with key outside and thumb knob inside.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*30.85*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*28.05*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*46.74*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*330.01*	
08 71 11 00-2285	EA	Dormitory/Exit F13 Mortise Lockset	890.16	25.13
		Note: Locked with key outside and thumb knob inside.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*26.06*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*23.69*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*39.48*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*278.74*	
08 71 11 00-2286		Locks And Latches *(08 71 11 00-2270)*		
08 71 11 00-2287		Preassembled Locks And Latches *(08 71 11 00-2286)*		
		Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989 Grade 1, with knob handles.		
08 71 11 00-2288	EA	Passage/Closet F36 Pre-Assembled Latchset (Corbin Russwin UT5210)	1,553.72	25.13
		Note: Both sides always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*44.35*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*73.92*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*521.85*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*274.97*	
		For Grade 2, Deduct	*-575.07*	
08 71 11 00-2289	EA	Bath/Bedroom Privacy F37 Pre-Assembled Lockset (Corbin Russwin UT5220)	1,682.96	25.13
		Note: Locked with push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*48.23*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*80.38*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*567.47*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*299.01*	
		For Grade 2, Deduct	*-625.34*	
08 71 11 00-2290	EA	Entrance/Office F41 Pre-Assembled Lockset (Corbin Russwin UT5261)	1,914.71	25.13
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*55.18*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*91.97*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*649.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*342.11*	
		For Grade 2, Deduct	*-715.49*	
08 71 11 00-2291	EA	Classroom F42 Pre-Assembled Lockset (Corbin Russwin UT5255)	1,914.71	25.13
		Note: Locked with key outside. Inside always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*55.18*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*91.97*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*649.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*342.11*	
		For Grade 2, Deduct	*-715.49*	
08 71 11 00-2292	EA	Storeroom/Closet F44 Pre-Assembled Lockset (Corbin Russwin UT5257)	1,914.71	25.13
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*55.18*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*91.97*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*649.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*342.11*	
		For Grade 2, Deduct	*-715.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2293		**Bored Locks And Latches** *(08 71 11 00-2286)* Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pins or 7 pins. Levers or knobs.		
08 71 11 00-2294	EA	Passage/Closet F75 Bored Latchset Note: Both sides always unlocked.	305.16	25.13
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*6.14*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*10.23*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*72.23*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*38.06*	
		For Grade 2, Deduct	*-10.23*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*4.09*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2295	EA	Bath/Bedroom Privacy F76 Bored Lockset Note: Locked with push button inside.	353.95	25.13
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*7.60*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*12.67*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*89.46*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*47.14*	
		For Grade 2, Deduct	*-12.67*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.07*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2296	EA	Entrance/Office F82 Bored Lockset Note: Locked with key outside and push button inside.	393.30	25.13
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*8.78*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*14.64*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*103.35*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*54.46*	
		For Grade 2, Deduct	*-14.64*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.86*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2297	EA	Classroom F84 Bored Lockset Note: Locked with key outside. Inside always unlocked.	393.30	25.13
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*8.78*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*14.64*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*103.35*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*54.46*	
		For Grade 2, Deduct	*-14.64*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.86*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2298	EA	Storeroom/Closet F86 Bored Lockset Note: Locked with key outside. Inside always unlocked. Fixed outside handle.	393.30	25.13
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*8.78*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*14.64*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*103.35*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*54.46*	
		For Grade 2, Deduct	*-14.64*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.86*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2299	EA	Corridor/Dormitory F90 Bored Lockset Note: Locked with key outside and push button inside.	393.30	25.13
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*8.78*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*14.64*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*103.35*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*54.46*	
		For Grade 2, Deduct	*-14.64*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*5.86*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2300		**Heavy Duty Cylinder Lever Locksets** *(08 71 11 00-2286)* Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pin interchangeable core, 2-3/8" backset. (Corbin Russwin CL 3500).		
08 71 11 00-2301	EA	Heavy Duty Cylindrical Passage Or Closet Lockset F75 Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).	412.43	25.13
08 71 11 00-2302	EA	Heavy Duty Cylindrical, F76 Privacy Bath/Bedroom Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).	443.08	25.13
08 71 11 00-2303	EA	Heavy Duty Cylindrical, F82 Entrance Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).	484.84	25.13
08 71 11 00-2304	EA	Heavy Duty Cylindrical, F84 Classroom Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).	484.84	25.13
08 71 11 00-2305	EA	Heavy Duty Cylindrical, F86 Storeroom Or Closet Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).	484.84	25.13
08 71 11 00-2306	EA	Heavy Duty Cylindrical, F109 Entrance Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).	484.84	25.13
08 71 11 00-2307	EA	Heavy Duty Cylindrical Full Dummy Trim Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).	387.38	25.13
08 71 11 00-2308		**Extra Heavy Duty Cylinder Lever Locksets** *(08 71 11 00-2286)* Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pin interchangeable core, 2-3/4" backset. (Corbin Russwin CL 3300).		
08 71 11 00-2309	EA	Extra Heavy Duty Cylindrical, F75 Passage Or Closet Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).	454.01	25.13
08 71 11 00-2310	EA	Extra Heavy Duty Cylindrical, F76 Privacy Bath/Bedroom Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).	504.33	25.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2311	EA	Extra Heavy Duty Cylindrical, F82 Entrance Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).	546.11	25.13
08 71 11 00-2312	EA	Extra Heavy Duty Cylindrical, F84 Classroom Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).	546.11	25.13
08 71 11 00-2313	EA	Extra Heavy Duty Cylindrical, F86 Storeroom Or Closet Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).	546.11	25.13
08 71 11 00-2314	EA	Extra Heavy Duty Cylindrical, F109 Entrance Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).	546.11	25.13
08 71 11 00-2315	EA	Extra Heavy Duty Cylindrical, F87 Utility Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).	587.89	25.13
08 71 11 00-2316	EA	Extra Heavy Duty Cylindrical Full Dummy Trim Lockset Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).	406.90	25.13

08 71 11 00-2317 Occupancy Indicator Locks *(08 71 11 00-2286)*

08 71 11 00-2318	EA	Occupancy Indicator Deadbolt With Thumbturn (Schlage B571) Note: Standard finish is satin chrome	131.46	25.12
		For Bright Brass Finish, Add	*4.91*	
		For Oil Rubbed Bronze Finish, Add	*13.13*	
		For Aged Bronze Finish, Add	*4.91*	
		For Satin Nickel Finish, Add	*4.91*	
08 71 11 00-2319	EA	Occupancy Indicator Lock And Lever (Vizilok C3F) Note: Included finishes are satin chrome, satin nickel, & polished chrome. Lever on both sides	200.76	25.12
		For Oil Rubbed Bronze Finish, Add	*5.33*	

08 71 11 00-2320 Other Locks *(08 71 11 00-2270)*

Note: BHMA A156.5.

08 71 11 00-2321	EA	Steel Exit Lock With Alarm, Single Door Satin Chrome Plated, BHMA E0421	919.70	130.69
08 71 11 00-2322	EA	Exit Lock With Alarm At Active Leaf And Vertical Rod - Inactive Leaf Rod For Inactive Leaf (Pair Doors) Steel With Satin Chrome Plating BHMA - E0461	2,117.43	261.38
08 71 11 00-2323	EA	Combination Lock, Security, CD-X09	3,749.87	76.01
08 71 11 00-2324	EA	Norden Box Lock	681.48	44.24
08 71 11 00-2325	EA	One Sided Deadbolt For Restroom Or Public Toilet Note: No exterior plate.	101.45	
08 71 11 00-2326	EA	Firehose Extinguisher Cabinet Lock	89.72	
08 71 11 00-2327	EA	Single Door Magnetic Locking Device, Aluminum Finish, Time Delay (ROFU 8011-LC-TD-US28)	991.06	63.33
08 71 11 00-2328	EA	Single Door Magnetic Locking Device, Brown Finish (ROFU 8011-LC-US40)	874.29	63.33
08 71 11 00-2329	EA	Single Door Magnetic Locking Device, Aluminum Finish (ROFU 8011-LC-US28)	874.29	63.33
08 71 11 00-2330	EA	12 Volt Delayed Egress System: (1) 1,500 LB Holding Force Magnetic Lock, (1) Microswitch Bar, (1) Stainless Door Cord For Wires To Bar (ROFU 8011-004-12)	1,828.32	80.43
08 71 11 00-2331	EA	24 Volt Delayed Egress System: (1) 1,500 LB Holding Force Magnetic Lock, (1) Microswitch Bar, (1) Stainless Door Cord For Wires To Bar (ROFU 8011-004-24)	1,913.65	80.43
08 71 11 00-2332	EA	1,200 LB Electromagnetic Lock With Infrared Remote Release (PowerMag RRPM1200PAK)	975.45	63.33
08 71 11 00-2333	EA	Surface Mounted Aluminum Storefront Door Closer (Norton 1601BF AL)	321.39	29.15
08 71 11 00-2334	EA	Surface Mounted Door Closer, Aluminum Finish (Norton 8301-689)	473.43	29.15
08 71 11 00-2335	EA	Surface Mounted Multi-Size Unitrol Door Closer, Aluminum Finish (Norton UNI8301-689)	662.59	29.15
08 71 11 00-2336	EA	Surface Mounted Door Closer, Aluminum Finish (Norton 8501-689)	383.95	29.15
08 71 11 00-2337	EA	Surface Mounted Multi-Size Unitrol Door Closer, Aluminum Finish (Norton UNI8501-689)	631.07	29.15
08 71 11 00-2338	EA	Surface Mounted High Security Door Closer, Aluminum Finish With Full Metal Cover (Norton 8501M-689)	410.89	29.15
08 71 11 00-2339	EA	Surface Mounted High Security Door Closer, Aluminum Finish With Architectural Plastic Cover (Norton 8501A-689)	561.03	29.15
08 71 11 00-2340	EA	12 Button Industrial Electronic Cylindrical Lock With Key Override (Alarm Lock DL3000IC26D)	1,653.26	63.33
08 71 11 00-2341	EA	12 Button Industrial Electronic Cylindrical Lock With HID Proximity Cards, Key Override (Alarm Lock PDL3000IC26D)	2,253.24	63.33
08 71 11 00-2342	EA	12 Button Industrial Electronic Mortise Lock With Key Override (Alarm Lock DL3500CRL26D)	1,855.64	63.33
08 71 11 00-2343	EA	3' General Security Chain With Green Vinyl Sleeve (Master Lock 73D)	11.14	
08 71 11 00-2344	EA	6' General Security Chain With Smoke Gray Vinyl Sleeve (Master Lock 74D)	21.83	
08 71 11 00-2345	EA	Resettable Combination Lock With 1" Hardened Steel Shackle (Master Lock 175D)	38.04	
08 71 11 00-2346	EA	2-1/8" Shrouded Iron Padlock (Master Lock 6521WO)	44.12	
08 71 11 00-2347	EA	2-5/8" Shrouded Iron Padlock (Master Lock 6527WO)	61.64	
08 71 11 00-2348	EA	1 "0" Bitted Cylinder For Rekeyable Padlocks (Master Lock 295KZ W1)	94.29	
08 71 11 00-2349	EA	15 "0" Bitted Cylinder For Rekeyable Padlocks (Master Lock 295KZ W15)	129.86	
08 71 11 00-2350	EA	27 "0" Bitted Cylinder For Rekeyable Padlocks (Master Lock 295KZ W27)	138.84	
08 71 11 00-2351	EA	Pin Tumbler Padlock, Red (American Lock A1105RED KD)	23.02	
08 71 11 00-2352	EA	Pin Tumbler Padlock, Red (American Lock A1106RED KD)	22.79	
08 71 11 00-2353	EA	6 Volt Battery (Alarm Lock BP6)	73.00	
08 71 11 00-2354	EA	6 Volt Battery (Alarm Lock S6061)	93.10	
08 71 11 00-2355	EA	6 Volt Battery (Alarm Lock S6065)	95.35	
08 71 11 00-2356	EA	Surface Mounted Door Alarm (Alarm Lock PG21MS)	470.96	50.67
08 71 11 00-2357	EA	Alarm Lock Keypad (Alarm Lock DK3000 26D)	768.24	50.67
08 71 11 00-2358	EA	Removal And Replacement Of 2-3/8" Deadbolt (Lori Lock 4510 26D5001)	57.19	

08 71 11 00-2359 Pushbutton Combination Locks *(08 71 11 00-2270)*

08 71 11 00-2360 Mechanical Pushbutton Combination Locks *(08 71 11 00-2359)*

Note: Passage option allows access without using the lock entry code and is activated from the inside with a thumbturn or key. Lockout option disables the lock from the inside so that the entry code cannot be used to gain access.

08 71 11 00-2361 Mechanical Pushbutton Combination Locks (Kaba® Simplex® 1000 Series) *(08 71 11 00-2360)*

Note: Satin chrome or antique brass finish.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2362	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1011 Series)	697.41	63.33
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*45.89*	
		For Fire Rated, Add	*62.78*	
08 71 11 00-2363	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1311 Series)	749.65	63.33
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*45.89*	
		For Fire Rated, Add	*62.78*	
08 71 11 00-2364	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1021 Series)	770.55	63.33
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*45.89*	
		For Fire Rated, Add	*62.78*	
08 71 11 00-2365	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1041 Series)	822.80	63.33
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*45.89*	
		For Fire Rated, Add	*62.78*	
08 71 11 00-2366	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1011 Series)	786.22	63.33
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*45.89*	
		For Fire Rated, Add	*62.78*	
08 71 11 00-2367	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1031 Series)	838.47	63.33
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*45.89*	
		For Fire Rated, Add	*62.78*	
08 71 11 00-2368	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1021 Series)	859.37	63.33
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*45.89*	
		For Fire Rated, Add	*62.78*	
08 71 11 00-2369	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1041 Series)	911.61	63.33
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*45.89*	
		For Fire Rated, Add	*62.78*	
08 71 11 00-2370		Mechanical Pushbutton Combination Locks (Kaba® Simplex® 5000 Series)		
		(08 71 11 00-2360)		
		Note: ANSI/BHMA Grade 1, Satin chrome finish or black with satin chrome accents.		
08 71 11 00-2371	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)	773.69	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*45.89*	
08 71 11 00-2372	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)	815.48	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*45.89*	
08 71 11 00-2373	EA	Five Button, Mortise Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	899.07	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*45.89*	
08 71 11 00-2374	EA	Five Button, Mortise Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	930.42	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*45.89*	
08 71 11 00-2375	EA	Five Button, Mortise Locking Device With Deadbolt And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	930.42	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*45.89*	
08 71 11 00-2376	EA	Five Button, Exit Trim, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	878.17	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*45.89*	
08 71 11 00-2377		Mechanical Pushbutton Combination Locks (Kaba® Simplex® 8100 Series)		
		(08 71 11 00-2360)		
		Note: Satin chrome or antique brass finish.		
08 71 11 00-2378	EA	Five Button, Mortise Locking Device With Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series)	937.73	63.33
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*45.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2379	EA	Five Button, Mortise Locking Device With Deadbolt, Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series)	969.08	63.33
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*45.89*	

08 71 11 00-2380 Mechanical Pushbutton Combination Locks (Kaba® Simplex® LD 450/470)

(08 71 11 00-2360)

Note: Satin stainless, bright brass or antique brass finish.

08 71 11 00-2381	EA	Twelve Button, Tubular Latch Locking Device, Light Duty, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® LD 450 Series)	397.52	63.33
		For Schlage Core, Add	*45.89*	
08 71 11 00-2382	EA	Twelve Button, Tubular Latch Locking Device With Passage, Light Duty, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® LD 470 Series)	535.45	63.33
		For Schlage Core, Add	*45.89*	

08 71 11 00-2383 Electrical Pushbutton Combination Locks *(08 71 11 00-2359)*

Note: Privacy option limits access to privileged users (master codes).

08 71 11 00-2384 Electrical Pushbutton Combination Locks (Kaba® E-Plex® 2000 Series) *(08 71 11 00-2383)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 100 access codes and 1,000 audit events.

08 71 11 00-2385	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	723.53	63.33
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2386	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	848.92	63.33
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2387	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	880.26	63.33
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2388	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	828.02	63.33
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2389	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	775.77	63.33
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2390	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	880.26	63.33
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2391	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	901.16	63.33
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2392	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	932.51	63.33
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2393	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	880.26	63.33
		For Satin Brass Finish, Add	*17.50*	

08 71 11 00-2394 Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3000 Series) *(08 71 11 00-2383)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 300 access codes and 9,000 audit events.

08 71 11 00-2395	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series)	932.51	63.33
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*94.00*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2396	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series)	932.51	63.33
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*94.00*	
		Note: Excludes momentary contact switch.		

08 71 11 00-2397 Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3200 Series) *(08 71 11 00-2383)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.

08 71 11 00-2398	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	1,094.47	63.33
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*94.00*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2399	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	1,094.47	63.33
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*94.00*	
		Note: Excludes momentary contact switch.		

08 71 11 00-2400 Electrical Pushbutton Combination Locks (Kaba® E-Plex® 5200 Series) *(08 71 11 00-2383)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2401	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,178.06	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*94.00*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2402	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,282.55	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*94.00*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2403	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,303.44	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*94.00*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2404	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,334.79	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*94.00*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2405	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,282.55	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*94.00*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2406		Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5800 Series) *(08 71 11 00-2383)*		
		Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2407	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,674.38	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*94.00*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2408	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,778.87	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*94.00*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2409	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,799.77	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*94.00*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2410	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,831.11	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*94.00*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2411	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,778.87	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*94.00*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2412		Entry/Egress, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5886 Series) *(08 71 11 00-2383)*		
		Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2413	EA	Twelve Button, Mortise Locking Device, Entry/Egress, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5886 Series)	2,384.91	63.33
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*35.00*	
08 71 11 00-2414		Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5870 Series) *(08 71 11 00-2383)*		
		Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2415	EA	Twelve Button, Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Reader (Kaba® E-Plex® 5870 Series)	1,491.52	63.33
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	

08 71 11 00-2416 Electrical Pushbutton Combination Lock Accessories (Kaba® E-Plex®) *(08 71 11 00-2383)*

08 71 11 00-2417	EA	Standard Software Implementation Kit (Kaba® E-Plex®)	725.11	
08 71 11 00-2418	EA	Enterprise Software Implementation Kit (Kaba® E-Plex®)	934.09	
08 71 11 00-2419	EA	E-Plex General FIPS Software Implementation Kit (Kaba® E-Plex®)	1,247.56	
08 71 11 00-2420	EA	USB FIPS/DESFire Card Reader/Enroller (Kaba® E-Plex®)	367.78	
08 71 11 00-2421	EA	High Capacity Battery Kit (Kaba® E-Plex® E5x00 Series)	113.10	
		Note: Includes 4 C-cell battery pack.		
08 71 11 00-2422	EA	12-24 Volt DC Power Interface Kit (Kaba® E-Plex® E5x00 Series)	135.04	

08 71 11 00-2423 Self-Powered, Electrical Pushbutton Combination Locks (Kaba® PowerPlex® 2000 Series) *(08 71 11 00-2383)*

Note: ANSI/BHMA Grade 1. Satin chrome finish.

08 71 11 00-2424	EA	Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	906.39	63.33
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-653.06*	
08 71 11 00-2425	EA	Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,031.77	63.33
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-778.44*	
08 71 11 00-2426	EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,063.12	63.33
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-809.79*	
08 71 11 00-2427	EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,010.88	63.33
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-757.55*	
08 71 11 00-2428	EA	Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	958.63	63.33
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-705.30*	
08 71 11 00-2429	EA	Twelve Button, Cylindrical Locking Device With Privacy, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,063.12	63.33
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-809.79*	
08 71 11 00-2430	EA	Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,084.02	63.33
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-830.69*	
08 71 11 00-2431	EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,115.36	63.33
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-862.03*	
08 71 11 00-2432	EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,063.12	63.33
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-809.79*	

08 71 11 00-2433 Electrical Pushbutton Combination Locks (Schlage) *(08 71 11 00-2383)*

Note: ANSI/BHMA Grade 1. Satin chrome finish.

08 71 11 00-2434	EA	Class 100, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO100CY70KP626BD-D)	956.13	62.83
		For Owner Furnished Material, Deduct	*-704.80*	
08 71 11 00-2435	EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70KP-D)	1,114.35	62.83
		For Owner Furnished Material, Deduct	*-863.02*	
08 71 11 00-2436	EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70MSK626)	1,263.32	62.83
		For Owner Furnished Material, Deduct	*-1,011.99*	
08 71 11 00-2437	EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70KP626)	1,664.01	62.83
		For Owner Furnished Material, Deduct	*-1,412.68*	
08 71 11 00-2438	EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70MKS626)	1,823.25	62.83
		For Owner Furnished Material, Deduct	*-1,571.92*	
08 71 11 00-2439	EA	Class 400, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD400CY70MSKSPA626)	2,010.24	62.83
		For Owner Furnished Material, Deduct	*-1,758.91*	
08 71 11 00-2440	EA	Class 300, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD300CY70MSKSPA626)	1,843.80	62.83
		For Owner Furnished Material, Deduct	*-1,592.47*	

08 71 11 00-2441 Residential Locks And Latchsets *(08 71 11 00-2270)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2442	EA	Residential Entry Lockset With Knobs (Master Keyed)	76.25	15.20
08 71 11 00-2443	EA	Residential Privacy Lockset With Knobs	74.51	15.20
08 71 11 00-2444	EA	Residential Passage Lockset With Knobs	74.28	15.20
08 71 11 00-2445	EA	Residential Dummy Lockset With Knobs	58.66	12.66
08 71 11 00-2446	EA	Residential Entry Lockset With Levers (Master Keyed)	88.25	15.20
08 71 11 00-2447	EA	Residential Privacy Lockset With Levers	84.26	15.20
08 71 11 00-2448	EA	Residential Passage Lockset With Levers	81.38	15.20
08 71 11 00-2449	EA	Residential Dummy Lockset With Levers	60.03	12.66
08 71 11 00-2450		**Deadbolts** *(08 71 11 00-2270)*		
08 71 11 00-2451		**Cylindrical Deadbolts, Grade 1, ANSI 156.5** *(08 71 11 00-2450)*		
		Note: 2-3/8" or 2-3/4" backset.		
08 71 11 00-2452	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side	192.38	25.13
		Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2453	EA	Double Cylinder Deadbolt, Key Both Sides	222.02	25.13
		Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2454		**Cylindrical Deadbolts, Grade 2, ANSI 156.5** *(08 71 11 00-2450)*		
		Note: 2-3/8" or 2-3/4" backset.		
08 71 11 00-2455	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side	172.08	25.13
		Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.		
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2456	EA	Double Cylinder Deadbolt, Key Both Sides	204.46	25.13
		Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.		
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2457		**Small Case Mortised Deadbolts, Grade 1, ANSI 156.5** *(08 71 11 00-2450)*		
		Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal.		
08 71 11 00-2458	EA	Small Case Mortised Deadbolt, Key One Side, Knob One Side	249.80	25.13
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08 71 11 00-2459	EA	Small Case Mortised Deadbolt, Key Both Sides	277.24	25.13
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version.		
08 71 11 00-2460	EA	Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side	244.31	25.13
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08 71 11 00-2461		**Mortised Deadbolts, Grade 1, ANSI 156.5** *(08 71 11 00-2450)*		
		Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal.		
08 71 11 00-2462	EA	Mortised Deadbolt, Key One Side, Knob One Side	324.44	25.13
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		
08 71 11 00-2463	EA	Mortised Deadbolt, Key Both Sides	369.44	25.13
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version.		
08 71 11 00-2464	EA	Mortised Deadbolt, Key One Side, Cover Plate One Side	286.02	25.13
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		
08 71 11 00-2465		**Surface Mounted Deadbolts** *(08 71 11 00-2450)*		
08 71 11 00-2466	EA	Single Cylinder Surface Mounted Deadbolt	127.86	25.13
		Note: Key one side, knob one side, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2467	EA	Double Cylinder Surface Mounted Deadbolt	147.69	25.13
		Note: Key both sides, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2468	EA	Single Cylinder Surface Mounted Interlocking Deadbolt	163.46	25.13
		Note: Jimmy proof, key one side, knob one side, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2469	EA	Double Cylinder Surface Mounted Interlocking Deadbolt	183.29	25.13
		Note: Jimmy proof, key both sides, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2470		**Surface Mounted Deadlatches** *(08 71 11 00-2270)*		
08 71 11 00-2471	EA	Single Cylinder Surface Mounted Deadlatch	129.42	25.13
		Note: Key one side, knob one side, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2472	EA	Single Cylinder Surface Mounted Interlocking Deadlatch	163.54	25.13
		Note: Jimmy proof, key one side, knob one side, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2473		**Electric Strikes** *(08 71 11 00-2270)*		
08 71 11 00-2474	EA	12/24 Volt DC, Fail Safe/Fail Secure, Aluminum/Steel Body Electric Strike (Von Duprin 5100)	343.31	50.26
08 71 11 00-2475	EA	12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6111)	1,051.07	50.26
		Note: For rim mounted lock		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2476	EA	12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6112) Note: For rim mounted lock	1,003.17	50.26
08 71 11 00-2477	EA	24 Volt DC, Fail Secure, Stainless Steel Body Electric Strike (Von Duprin 6211) Note: For mortise or cylindrical locks	767.86	50.26
08 71 11 00-2478	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6212) Note: For mortise or cylindrical locks	1,056.17	50.26
08 71 11 00-2479	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6213) Note: For mortise or cylindrical locks	1,035.39	50.26
08 71 11 00-2480	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6214) Note: For mortise or cylindrical locks	1,131.27	50.26
08 71 11 00-2481	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6215) Note: For mortise or cylindrical locks	1,051.94	50.26
08 71 11 00-2482	EA	12/24 Volt DC, 3,070 LB Static Strength, Stainless Steel Body, Dual Voltage Electric Strike (HES 1006)	636.78	50.26
08 71 11 00-2483	EA	12/24 Volt DC, 3,000 LB Static Strength, Stainless Steel Body, Fire Rated Electric Strike (HES 4500)	632.90	50.26
08 71 11 00-2484	EA	12/24 Volt DC, 1,500 LB Static Strength, Steel Body, Low Profile Electric Strike (HES 5000)	299.05	50.26
08 71 11 00-2485	EA	12/24 Volt DC, 1,500 LB Static Strength, Steel Body, Adjustable Electric Strike (HES 5200)	299.05	50.26
08 71 11 00-2486	EA	12/24 Volt DC, 1,500 LB Static Strength, Cylindrical Or Rim Exit Device, Stainless Steel Body, Electric Strike With Preload (HES 7000)	389.73	50.26
08 71 11 00-2487	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Cylindrical Lock Electric Strike (HES 7500)	710.44	50.26
08 71 11 00-2488	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Compact Concealed Electric Strike (HES 8000)	341.05	50.26
08 71 11 00-2489	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Fire Rated Compact Concealed Electric Strike (HES 8300)	651.21	50.26
08 71 11 00-2490	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body,Fire Rated Concealed Electric Strike (HES 8500)	573.02	50.26
08 71 11 00-2491	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Slim Line Surface Mounted Electric Strike (HES 9400)	677.78	66.35
08 71 11 00-2492	EA	12/24 Volt DC, 1,500 LB Static Strength, Rim Exit Device, Stainless Steel Body, Fire Rated Surface Mounted Electric Strike (HES 9500)	775.28	66.35
08 71 11 00-2493	EA	12/24 Volt DC, 1,500 LB Static Strength, Rim Exit Device, Stainless Steel Body, Surface Mounted Electric Strike (HES 9600)	678.29	66.35

08 71 11 00-2494 Electric Hardware *(08 71 11 00-2270)*

08 71 11 00-2495	EA	Electrified Cylindrical Lock Option Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	190.54	
08 71 11 00-2496	EA	Electrified Mortise Lock Option Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	223.13	
08 71 11 00-2497	EA	24" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	111.84	25.13
08 71 11 00-2498	EA	1 Ampere At 12/24 Volt DC, Door Hardware Power Supply	372.97	25.13
08 71 11 00-2499	EA	3 Amperes At 12 Volt DC, 2 Amperes At 24 Volt DC, Door Hardware Power Supply	661.40	25.13
08 71 11 00-2500	EA	4-1/2 Amperes At 12 Volt DC, 3 Amperes At 24 Volt DC, Door Hardware Power Supply	1,023.50	25.13
08 71 11 00-2501	EA	6 Amperes At 12 Volt DC, 4 Amperes At 24 Volt DC, Door Hardware Power Supply	1,131.98	25.13
08 71 11 00-2502	EA	9 Amperes At 12 Volt DC, 6 Amperes At 24 Volt DC, Door Hardware Power Supply	1,355.21	25.13
08 71 11 00-2503	EA	15 Amperes At 12 Volt DC, 10 Amperes At 24 Volt DC, Door Hardware Power Supply	1,647.89	25.13
08 71 11 00-2504	EA	18" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	92.87	25.13
08 71 11 00-2505	EA	24" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	95.11	25.13
08 71 11 00-2506	EA	30" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	108.84	25.13
08 71 11 00-2507	EA	45" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	111.56	25.13
08 71 11 00-2508	EA	60" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	112.95	25.13
08 71 11 00-2509	EA	72" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	120.83	25.13
08 71 11 00-2510	EA	12" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	94.29	25.13
08 71 11 00-2511	EA	18" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	105.30	25.13
08 71 11 00-2512	EA	36" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	114.01	25.13
08 71 11 00-2513	EA	49" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	129.07	25.13
08 71 11 00-2514	EA	60" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	133.25	25.13
08 71 11 00-2515	EA	12" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	108.05	25.13
08 71 11 00-2516	EA	18" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	123.46	25.13
08 71 11 00-2517	EA	18" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	71.44	25.13
08 71 11 00-2518	EA	24" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	83.36	25.13
08 71 11 00-2519	EA	30" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	89.67	25.13
08 71 11 00-2520	EA	36" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	96.41	25.13
08 71 11 00-2521	EA	60" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	131.52	25.13
08 71 11 00-2522	EA	72" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	146.19	25.13
08 71 11 00-2523	EA	12" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	76.31	25.13
08 71 11 00-2524	EA	18" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	80.91	25.13
08 71 11 00-2525	EA	24" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	94.60	25.13
08 71 11 00-2526	EA	36" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	116.38	25.13
08 71 11 00-2527	EA	48" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	135.86	25.13
08 71 11 00-2528	EA	60" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	167.86	25.13
08 71 11 00-2529	EA	12" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	83.97	25.13
08 71 11 00-2530	EA	18" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	91.02	25.13
08 71 11 00-2531	EA	Two 18 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	701.43	25.13
08 71 11 00-2532	EA	Ten 24 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	759.94	35.19

08 71 11 00-2533 Magnetic Locks *(08 71 11 00-2270)*

08 71 11 00-2534	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40)	778.96	120.63
08 71 11 00-2535	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40TJ)	940.20	135.72
08 71 11 00-2536	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70)	923.71	120.63
08 71 11 00-2537	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70TJ)	1,084.65	135.72
08 71 11 00-2538	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420)	964.02	130.69
08 71 11 00-2539	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450)	1,063.29	130.69
08 71 11 00-2540	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490)	1,140.57	130.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2541	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,248.56	150.79
08 71 11 00-2542	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,380.53	150.79
08 71 11 00-2543	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,439.97	150.79
08 71 11 00-2544	EA	2 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS902)	428.22	50.26
08 71 11 00-2545	EA	4 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS904)	724.70	50.26
08 71 11 00-2546	EA	6 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS906)	878.79	50.26
08 71 11 00-2547		**Door Coordinators** *(08 71 11)*		
08 71 11 00-2548	EA	32" Satin Chrome Finish, Door Coordinator (Ives COR 32" Series) Note: Satin chrome finish. Includes two mounting brackets.	483.30	31.42
		For Anodized Aluminum Finish, Deduct	*-143.06*	
08 71 11 00-2549	EA	42" Satin Chrome Finish, Door Coordinator (Ives COR 42" Series) Note: Satin chrome finish. Includes two mounting brackets.	507.87	32.67
		For Anodized Aluminum Finish, Deduct	*-150.87*	
08 71 11 00-2550	EA	52" Satin Chrome Finish, Door Coordinator (Ives COR 52" Series) Note: Satin chrome finish. Includes two mounting brackets.	519.49	33.93
		For Anodized Aluminum Finish, Deduct	*-153.51*	
08 71 11 00-2551	EA	60" Satin Chrome Finish, Door Coordinator (Ives COR 60" Series) Note: Satin chrome finish. Includes two mounting brackets.	542.31	35.19
		For Anodized Aluminum Finish, Deduct	*-160.62*	
08 71 11 00-2552	EA	72" Satin Chrome Finish, Door Coordinator (Ives COR 72" Series) Note: Satin chrome finish. Includes two mounting brackets.	582.64	36.44
		For Anodized Aluminum Finish, Deduct	*-174.75*	
08 71 11 00-2553	EA	Up To 20", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 20")	111.23	10.06
		For Anodized Aluminum Finish, Deduct	*-28.41*	
08 71 11 00-2554	EA	Up To 32", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 32")	122.28	11.31
		For Anodized Aluminum Finish, Deduct	*-30.82*	
08 71 11 00-2555	EA	Up To 44", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 44")	140.90	12.57
		For Anodized Aluminum Finish, Deduct	*-36.26*	
08 71 11 00-2556	EA	Satin Chrome Finish, Carry Bar For Door Coordinator (Ives CB1)	100.75	12.57
08 71 11 00-2557	EA	7" Projection COR Series Gravity Type Door Coordinator	148.65	18.85
		For Anodized Aluminum Finish, Deduct	*-29.30*	
08 71 11 00-2558	EA	9" Projection COR Series Gravity Type Door Coordinator	160.37	18.85
		For Anodized Aluminum Finish, Deduct	*-33.99*	
08 71 11 00-2559		**Removal And Reinstallation Of Door Hardware** *(08 71 11)* Note: Includes storage and cleaning. Excludes removal of door where required. See CSI section 08 05 13 00-0050 for removal and reinstallation of door.		
08 71 11 00-2560	EA	Removal And Reinstallation Of Door Lockset, Entrance	75.40	
08 71 11 00-2561	EA	Removal And Reinstallation Of Door Lockset, Mortise	120.63	
08 71 11 00-2562	EA	Removal And Reinstallation Of Deadbolt Lock	80.43	
08 71 11 00-2563	PR	Removal And Reinstallation Of Butts/Hinges	20.10	
08 71 11 00-2564	EA	Removal And Reinstallation Of Door Bumper	7.03	
08 71 11 00-2565	EA	Removal And Reinstallation Of Surface Mounted Panic Device	201.06	
08 71 11 00-2566	EA	Removal And Reinstallation Of Kick Plate	25.13	
08 71 11 00-2567	EA	Removal And Reinstallation Of Push Plate	20.10	
08 71 11 00-2568	EA	Removal And Reinstallation Of Surface Mounted Door Closer Or Holder	100.53	
08 71 11 00-2569	EA	Removal And Reinstallation Of Door Handles	15.09	
08 71 11 00-2570		**Electromagnetic Door Release** *(08 71 11)*		
08 71 11 00-2571	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Surface Wiring, Electro-Magnetic Door Release	550.89	63.33
08 71 11 00-2572	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release	536.32	63.33
08 71 11 00-2573	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Adjustable, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release	609.74	63.33
08 71 11 00-2574	EA	24 Volt AC/DC, High Hold, Wall Mount, Surface Or Recessed Wiring, Electro-Magnetic Door Release	1,043.09	63.33
08 71 11 00-2575	EA	24 Volt DC, Sliding Door, Electro-Magnetic Door Release	1,004.45	63.33
08 71 11 00-2576	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Overhead Door, Electro-Magnetic Door Release	1,004.45	63.33
08 71 11 00-2577	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Single Door, Electro-Magnetic Door Release	909.93	63.33
08 71 11 00-2578	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Back-to-Back Door, Electro-Magnetic Door Release	1,148.90	63.33
08 71 11 00-2579	EA	Photo Electric Smoke Detector Suitable For Door Holder Release	1,083.72	63.33
08 71 11 00-2580	EA	Ionization Type Smoke Detector Suitable For Door Holder Release	1,352.73	63.33
08 71 11 00-2581	EA	Surface Wall Mount, Electromagnetic Door Holder (Sargent 1560) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	623.55	63.33
08 71 11 00-2582	EA	Flush Mount, Electromagnetic Door Holder (Sargent 1561) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	612.26	63.33
08 71 11 00-2583	EA	Floor Mount, Electromagnetic Door Holder (LCN SEM7820) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	965.20	63.33
08 71 11 00-2584	EA	Surface Wall Mount, Electromagnetic Door Holder (LCN SEM7830) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	659.64	63.33
08 71 11 00-2585	EA	Low Profile Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7840) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	659.64	63.33
08 71 11 00-2586	EA	Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7850) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	659.64	63.33

08 71 13 Automatic Door Operators *(08 71)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 13 00-0001		Automatic Door Operators (LCN) *(08 71 13)*		
08 71 13 00-0002	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Arm (LCN 9131)	3,072.00	125.66
08 71 13 00-0003	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Arm (LCN 9142)	3,072.00	125.66
08 71 13 00-0004	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Pair Door Operator With Arms (LCN 9153)	6,042.47	201.06
08 71 13 00-0005	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Pull Arm (LCN 9531) Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.	3,857.66	125.66
08 71 13 00-0006	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Push Arm (LCN 9542) Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.	3,857.66	125.66
08 71 13 00-0007	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Pair Door Operator with Arms (LCN 9553)	6,633.95	201.06
08 71 13 00-0008	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Pair Door Operator with Arms (LCN 9563)	7,816.90	201.06
08 71 13 00-0009	EA	Door Position Switch (LCN 8310-805)	62.70	
08 71 13 00-0010	EA	3-Position Key Switch (LCN 8310-806K)	345.50	
08 71 13 00-0011	EA	4-3/4" x 4-3/4" Wall Mount Actuator (LCN 8310-813)	833.32	
08 71 13 00-0012	EA	1-1/2" x 4-3/4" Jamb Mount Actuator (LCN 8310-818)	183.02	
08 71 13 00-0013	EA	36" High Full Length Actuator (LCN 8310-836T)	758.59	
08 71 13 00-0014	EA	6" Round Wall Mount Actuator (LCN 8310-852)	254.35	
08 71 13 00-0015	EA	42" x 4" x 6" Post Bollard (LCN 8310-866)	897.56	
08 71 13 00-0016	EA	Small Format Interchangeable Core (SFIC) Horizontal Tailpiece Rim Cylinder (Schlage 80-116-ICX)	98.51	
08 71 13 00-0017	EA	Small Format Interchangeable Core (SFIC) 7 Pin Interchangeable Core (Falcon C607)	126.25	
08 71 13 00-0018		Automatic Door Operators (Stanley) *(08 71 13)*		
08 71 13 00-0019	EA	Automatic Door Operator, Surface Mount With Key Switch (Stanley D-4990)	3,869.75	201.06
08 71 13 00-0020	EA	6" Round Stainless Steel Actuator (Stanley CL2216)	238.14	
08 71 13 00-0021	EA	Power Supply (Stanley Precision ELR151)	830.51	
08 71 13 00-0022	EA	Low Energy Door Operator, Push Side Mount Application With Standard Arm (Stanley D-4990) Note: Includes control box with conduit access, motor, operator and D-4550 door closer. Excludes electrical connections	2,968.11	100.53
08 71 13 00-0023	EA	Door Operator Free Standing Push Plate Post (Stanley CL2247) Note: Includes mounting post only	464.08	67.05
08 71 13 00-0024	EA	Dual Vestibule Push Plate Door Operator (Stanley CL2388) Note: Includes 4-3/4" Dual Vestibule Push Plate and electrical connection. Excludes junction Box	325.91	40.35
08 71 13 00-0025	EA	Jamb Mount, Push Plate Door Operator (Stanley CL2055) Note: Includes 4-3/4" Jamb Mount Push Plate and Electrical Connections. Excludes junction Box	205.82	40.35
08 71 13 00-0026	EA	Touchless Plate Door Operator (Stanley CL2025) Note: Includes Touchless Plate and Electrical Connection. Excludes junction Box	321.79	40.35
08 71 13 00-0027	EA	Door Operator Push Plate Assembly (Stanley CL4976) Note: Includes 2 Push Plates, 2 Surface Boxes, 2 Transmitters and 1 Receiver	1,084.77	60.57
08 71 13 00-0028		Miscellaneous Devices *(08 71 13)*		
08 71 13 00-0029	EA	Electric Power Transformer (Von Duprin EPT-2) For Magnetic Monitor Switches	580.29	37.70
08 71 13 00-0030	EA	Magnetic Monitor Switch, SS Finish (Von Duprin MS 764)	165.97	22.62
08 71 13 00-0031	EA	24 Volt AC, 3 Amperes, Transformer (Von Duprin PT 750)	214.27	22.62
08 71 13 00-0032	EA	Automatic Door Bottoms, Fully Mortise Cam Bottom Type To Fit 1-1/2" x 3/4" Mortise Channel At Door Bottom (National Guard Products 320S)	114.70	22.62
08 71 53		**Security Door Hardware** *(08 71)*		
08 71 53 00-0001		Door Exit Alarm Hardware *(08 71 53)*		
08 71 53 00-0002	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500)	359.22	37.70
08 71 53 00-0003	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500W)	502.65	37.70
08 71 53 00-0004	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300) Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.	420.49	37.70
08 71 53 00-0005	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300W) Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.	547.34	37.70
08 71 53 00-0006	EA	Wall Mount Exit Alarm, Audible Alarm, AC/DC (Detex EAX-2500)	633.38	50.26
08 71 53 00-0007	EA	Surface Mounted Magnetic Switch (Detex MS-1039S or MS-1059S) Note: For use with Detex EAX exit alarms.	110.22	50.26

08 72 Weatherstripping, Thresholds and Seals *(08 70)*

08 72 33 Weatherstripping and Seals *(08 72)*

08 72 33 00-0001 Weather-Stripping And Seals *(08 72 33)*

08 72 33 00-0002 Astragals *(08 72 33 00-0001)*
Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors.

08 72 33 00-0003 Adhesive Backed Astragals *(08 72 33 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0004	LF	7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771)	4.32	0.76
08 72 33 00-0005	LF	1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772)	4.82	0.76
08 72 33 00-0006	LF	1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110)	3.68	0.76
08 72 33 00-0007		Overlapping Astragals *(08 72 33 00-0002)*		
08 72 33 00-0008		Aluminum, Overlapping Astragals *(08 72 33 00-0007)*		
08 72 33 00-0009	LF	2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C)	17.20	4.52
		For Color Anodized Finish, Add	*2.48*	
08 72 33 00-0010		Stainless Steel, Overlapping Astragals *(08 72 33 00-0007)*		
08 72 33 00-0011	LF	2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS)	34.83	4.52
08 72 33 00-0012		"T" Astragals *(08 72 33 00-0002)*		
08 72 33 00-0013		Aluminum, "T" Astragals *(08 72 33 00-0012)*		
08 72 33 00-0014	LF	1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A)	11.16	4.52
		For Color Anodized Finish, Add	*0.78*	
08 72 33 00-0015	LF	Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV)	14.06	4.52
		For Color Anodized Finish, Add	*1.02*	
08 72 33 00-0016	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP)	14.52	4.52
		For Color Anodized Finish, Add	*1.95*	
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0017	LF	Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR)	26.94	4.52
		For Color Anodized Finish, Add	*6.30*	
08 72 33 00-0018	LF	Silicon Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BS)	82.88	4.52
08 72 33 00-0019	LF	Silicon Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CS)	17.83	4.52
08 72 33 00-0020	LF	Silicon Insert, 1-3/8" Width, 1/4" Height, Satin Nickel Anodized Aluminum, "T" Astragal (Pemko 355SNS)	20.91	4.52
08 72 33 00-0021		Brass/Bronze, "T" Astragals *(08 72 33 00-0012)*		
08 72 33 00-0022	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP)	82.80	4.52
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0023		Locking Astragals *(08 72 33 00-0002)*		
08 72 33 00-0024		Outswing Locking Astragals *(08 72 33 00-0023)*		
		Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf.		
08 72 33 00-0025		Aluminum, Outswing Locking Astragals *(08 72 33 00-0024)*		
08 72 33 00-0026	LF	Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS)	36.08	4.52
		Note: Includes pile seal at inner door edge and neoprene bottom seal.		
		For Color Anodized Finish, Add	*5.43*	
08 72 33 00-0027	LF	Locking Springbolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS)	41.90	4.52
		Note: Includes pile seal at inner door edge and neoprene bottom seal.		
		For Color Anodized Finish, Add	*6.59*	
08 72 33 00-0028	LF	Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ)	40.49	4.52
		Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
		For Thermal Break, Add	*1.89*	
08 72 33 00-0029	LF	Locking Springbolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ)	45.21	4.52
		Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
		For Thermal Break, Add	*2.18*	
08 72 33 00-0030		Inswing Locking Astragals *(08 72 33 00-0023)*		
		Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf.		
08 72 33 00-0031		Wood, Inswing Locking Astragals *(08 72 33 00-0030)*		
08 72 33 00-0032	LF	Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 34832)	42.26	4.52
08 72 33 00-0033	LF	Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q)	42.04	4.52
		Note: Includes kerf-in foam seal.		
08 72 33 00-0034		Aluminum, Inswing Locking Astragals *(08 72 33 00-0030)*		
08 72 33 00-0035	LF	Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV)	23.89	4.52
		Note: Includes pile seal at inner door edge and neoprene bottom seal.		
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*2.99*	
08 72 33 00-0036	LF	Locking Springbolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV)	28.75	4.52
		Note: Includes pile seal at inner door edge and neoprene bottom seal.		
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*3.96*	

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08 72 33 00-0037		LF	Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ)	25.73	4.52
			Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
			For Magnetic Kerf-In Insert, Add	*0.47*	
			For Color Anodized Finish, Add	*3.36*	
08 72 33 00-0038		LF	Locking Springbolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ)	30.54	4.52
			Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
			For Magnetic Kerf-In Insert, Add	*0.47*	
			For Color Anodized Finish, Add	*4.32*	
	08 72 33 00-0039		Security Astragals *(08 72 33 00-0002)*		
08 72 33 00-0040		LF	Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C)	22.27	4.52
			For Color Anodized Finish, Add	*13.33*	
08 72 33 00-0041		LF	2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP)	37.57	4.52
	08 72 33 00-0042		Meeting Stile Astragals *(08 72 33 00-0002)*		
	08 72 33 00-0043		One Piece, Meeting Stile Astragals *(08 72 33 00-0042)*		
			Note: Includes an astragal for one door only.		
08 72 33 00-0044		LF	1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP)	13.90	4.52
			For Color Anodized Finish, Add	*1.49*	
08 72 33 00-0045		LF	1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN)	21.68	6.73
			For Color Anodized Finish, Add	*3.30*	
08 72 33 00-0046		LF	9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN)	28.87	6.73
			For Color Anodized Finish, Add	*1.55*	
08 72 33 00-0047		LF	15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN)	29.80	6.73
			For Color Anodized Finish, Add	*4.10*	
08 72 33 00-0048		LF	1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71)	46.73	6.73
	08 72 33 00-0049		Two Piece, Meeting Stile Split Astragals *(08 72 33 00-0042)*		
			Note: Includes one astragal for each door.		
08 72 33 00-0050		LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV)	17.22	6.73
			For Silicone Insert, Add	*0.95*	
			For Color Anodized Finish, Add	*3.80*	
08 72 33 00-0051		LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV)	17.22	6.73
			For Color Anodized Finish, Add	*3.80*	
08 72 33 00-0052		LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV)	17.22	6.73
			For Silicone Insert, Add	*0.95*	
			For Color Anodized Finish, Add	*3.80*	
08 72 33 00-0053		LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN)	27.30	6.73
			For Silicone Insert, Add	*0.63*	
			For Color Anodized Finish, Add	*2.78*	
08 72 33 00-0054		LF	3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNB)	22.34	6.73
			For Color Anodized Finish, Add	*3.57*	
08 72 33 00-0055		LF	5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNB)	23.01	6.73
			For Color Anodized Finish, Add	*3.84*	
08 72 33 00-0056		LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV)	27.96	6.73
			For Color Anodized Finish, Add	*7.27*	
			For Silicone Insert, Add	*0.95*	
08 72 33 00-0057		LF	3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNB)	28.63	6.73
			For Color Anodized Finish, Add	*6.08*	
08 72 33 00-0058		LF	5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNB)	29.29	6.73
			For Color Anodized Finish, Add	*6.35*	
	08 72 33 00-0059		Two Piece, Adjustable Meeting Stile Split Astragals *(08 72 33 00-0042)*		
			Note: Includes one astragal for each door.		
	08 72 33 00-0060		Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals *(08 72 33 00-0059)*		
08 72 33 00-0061		LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP)	52.76	6.73
			For Color Anodized Finish, Add	*9.84*	
			For Silicone Insert, Add	*0.63*	
08 72 33 00-0062		LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP)	53.79	6.73
			For Silicone Insert, Add	*0.63*	
			For Color Anodized Finish, Add	*8.07*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0063		Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals *(08 72 33 00-0059)*		
08 72 33 00-0064	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP)	263.57	6.73
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0065	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP)	246.07	6.73
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0066		Door Sweeps *(08 72 33 00-0001)*		
08 72 33 00-0067		Tack On Door Sweeps *(08 72 33 00-0066)*		
08 72 33 00-0068	LF	For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365)	6.19	2.51
08 72 33 00-0069	LF	For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364)	6.29	2.51
08 72 33 00-0070	LF	For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V)	6.58	2.51
08 72 33 00-0071		Aluminum Retainer Door Sweeps *(08 72 33 00-0066)*		
08 72 33 00-0072		35 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0071)* Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.		
08 72 33 00-0073	LF	5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB)	14.84	5.03
		For Color Anodized Finish, Add	*1.92*	
08 72 33 00-0074	LF	1/2" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB)	15.34	5.03
		For Color Anodized Finish, Add	*1.85*	
08 72 33 00-0075		45 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0071)* Note: The retainer mounts to the door face with the sweep positioned 45 degrees from the door. Includes clear anodized finish.		
08 72 33 00-0076	LF	1-3/4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB)	23.27	5.03
		For Color Anodized Finish, Add	*5.29*	
08 72 33 00-0077	LF	2-1/2" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB)	25.26	5.03
		For Color Anodized Finish, Add	*6.08*	
08 72 33 00-0078	LF	4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB)	29.55	5.03
		For Color Anodized Finish, Add	*7.80*	
08 72 33 00-0079		90 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0071)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 72 33 00-0080	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB)	16.50	5.03
		For Color Anodized Finish, Add	*0.65*	
08 72 33 00-0081	LF	5/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB)	16.33	5.03
		For Color Anodized Finish, Add	*0.63*	
08 72 33 00-0082	LF	1" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB)	17.49	5.03
		For Color Anodized Finish, Add	*2.60*	
08 72 33 00-0083	LF	1-3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB)	17.98	5.03
		For Color Anodized Finish, Add	*3.17*	
08 72 33 00-0084	LF	7/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN)	16.00	5.03
		For Color Anodized Finish, Add	*1.49*	
08 72 33 00-0085	LF	11/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN)	20.63	5.03
		For Color Anodized Finish, Add	*2.12*	
08 72 33 00-0086	LF	15/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN)	16.99	5.03
		For Color Anodized Finish, Add	*1.39*	
08 72 33 00-0087	LF	9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV) Note: Includes mill finish.	12.65	5.03
		For Color Anodized Finish, Add	*1.30*	
08 72 33 00-0088	LF	1" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV) Note: Includes mill finish.	12.78	5.03
		For Color Anodized Finish, Add	*1.37*	
08 72 33 00-0089	LF	1-9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV) Note: Includes mill finish.	14.18	5.03
		For Color Anodized Finish, Add	*1.45*	
08 72 33 00-0090		180 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0071)* Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 72 33 00-0091		180 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0090)*		
08 72 33 00-0092	LF	3/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB)	14.51	5.03
		For Color Anodized Finish, Add	*1.78*	
08 72 33 00-0093	LF	5/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB)	14.84	5.03
		For Color Anodized Finish, Add	*1.92*	
08 72 33 00-0094	LF	1" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB)	17.49	5.03
		For Color Anodized Finish, Add	*2.60*	
08 72 33 00-0095		180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps *(08 72 33 00-0090)*		
08 72 33 00-0096	LF	3/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB)	17.65	5.03
		For Color Anodized Finish, Add	*3.04*	

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08 72 33 00-0097	LF	5/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB)	17.98	5.03
		For Color Anodized Finish, Add	*3.17*	
08 72 33 00-0098	LF	1" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB)	19.37	5.03
		For Color Anodized Finish, Add	*3.73*	
08 72 33 00-0099		Mortised, Aluminum Retainer Door Sweeps *(08 72 33 00-0071)*		
		Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.		
08 72 33 00-0100	LF	1/4" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB)	13.03	5.03
08 72 33 00-0101	LF	13/32" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB)	13.03	5.03
08 72 33 00-0102	LF	5/8" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB)	13.19	5.03
08 72 33 00-0103		Aluminum Retainer Door Sweeps With Rain Drip *(08 72 33 00-0066)*		
08 72 33 00-0104		90 Degree, Aluminum Retainer Door Sweeps With Rain Drip *(08 72 33 00-0103)*		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.		
08 72 33 00-0105	LF	1/4" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV)	12.69	5.03
		For Color Anodized Finish, Add	*1.85*	
08 72 33 00-0106	LF	1/4" Vinyl Insert, 90 Degree, Clear Anodized Aluminum Retainer Door Sweep (Pemko 3452CV)	15.16	5.03
08 72 33 00-0107	LF	1/4" Vinyl Insert, 90 Degree, Satin Nickel Anodized Aluminum Retainer Door Sweep (Pemko 3452SNV)	15.49	5.03
08 72 33 00-0108	LF	1/2" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV)	14.84	5.03
		For Color Anodized Finish, Add	*1.92*	
08 72 33 00-0109	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB)	16.45	5.03
		Note: Includes clear anodized finish.		
		For Color Anodized Finish, Add	*1.28*	
08 72 33 00-0110	LF	7/16" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB)	16.74	5.03
		For Color Anodized Finish, Add	*1.34*	
08 72 33 00-0111		Brass/Bronze Retainer Door Sweeps *(08 72 33 00-0066)*		
08 72 33 00-0112		90 Degree, Brass/Bronze Retainer Door Sweeps *(08 72 33 00-0111)*		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0113	LF	7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN)	19.97	5.03
08 72 33 00-0114		Oak Retainer Door Sweeps *(08 72 33 00-0066)*		
08 72 33 00-0115		90 Degree, Oak Retainer Door Sweeps *(08 72 33 00-0114)*		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0116	LF	9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB)	16.17	5.03
08 72 33 00-0117	LF	15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB)	18.77	5.03
08 72 33 00-0118		Door Shoes And Bottoms *(08 72 33 00-0001)*		
08 72 33 00-0119		Door Shoes *(08 72 33 00-0118)*		
08 72 33 00-0120		Aluminum Retainer Door Shoes *(08 72 33 00-0119)*		
08 72 33 00-0121		Bottom Mount, Aluminum Retainer Door Shoes *(08 72 33 00-0120)*		
08 72 33 00-0122	LF	Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV)	14.02	5.03
		For Color Anodized Finish, Add	*1.59*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	
08 72 33 00-0123	LF	Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV)	14.51	5.03
		For Color Anodized Finish, Add	*1.78*	
08 72 33 00-0124	LF	Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV)	19.31	5.03
		For Color Anodized Finish, Add	*1.85*	
08 72 33 00-0125		Side Mount, Aluminum Retainer Door Shoes *(08 72 33 00-0120)*		
08 72 33 00-0126	LF	Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV)	16.17	5.03
		For Color Anodized Finish, Add	*2.45*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	
08 72 33 00-0127		L Or U Shaped, Aluminum Retainer Door Shoes *(08 72 33 00-0120)*		
08 72 33 00-0128	LF	Vinyl Insert, 1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 211AV)	14.84	5.03
		For Color Anodized Finish, Add	*2.40*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0129	LF	Vinyl Insert, 1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 220AV)	15.83	5.03
		For Color Anodized Finish, Add	*2.31*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0130	LF	Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217AV)	16.17	5.03
		For Color Anodized Finish, Add	*2.45*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0131	LF	Notched Vinyl Insert, 1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 2113AV)	22.89	5.03
		For Color Anodized Finish, Add	*2.57*	
08 72 33 00-0132	LF	Notched Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 2173AV)	23.22	5.03
		For Color Anodized Finish, Add	*2.63*	
08 72 33 00-0133	LF	PemkoPrene Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216APK)	21.11	5.03

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0134	LF	PemkoPrene Insert, 1-3/4" Width, U-Shaped With Rain Drip, Satin Nickel Anodized Aluminum Retainer Door Shoe (Pemko 216SNPK)	26.69	5.03
08 72 33 00-0135	LF	PemkoPrene Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217APK)	19.24	5.03
08 72 33 00-0136	LF	PemkoPrene Insert, 1-3/4" Width, U-Shaped, Satin Nickel Anodized Aluminum Retainer Door Shoe (Pemko 217SNPK)	26.74	5.03
08 72 33 00-0137		L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes *(08 72 33 00-0120)*		
08 72 33 00-0138	LF	Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV)	15.17	5.03
		For Color Anodized Finish, Add	*2.56*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0139	LF	Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV)	16.17	5.03
		For Color Anodized Finish, Add	*2.45*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0140	LF	Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV)	16.33	5.03
		For Color Anodized Finish, Add	*2.51*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0141		Vinyl Door Shoes *(08 72 33 00-0119)*		
08 72 33 00-0142	LF	1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80)	18.41	5.03
08 72 33 00-0143	LF	1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV)	22.17	5.03
08 72 33 00-0144		Door Bottoms *(08 72 33 00-0118)*		
08 72 33 00-0145		Automatic Door Bottoms *(08 72 33 00-0144)*		
08 72 33 00-0146		Aluminum Automatic Door Bottoms *(08 72 33 00-0145)*		
08 72 33 00-0147	LF	Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL)	31.82	5.03
		For Color Anodized Finish, Add	*4.35*	
08 72 33 00-0148	LF	Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL)	45.44	5.03
		For Color Anodized Finish, Add	*7.08*	
08 72 33 00-0149		Door Top Protection *(08 72 33 00-0001)*		
08 72 33 00-0150	LF	Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343)	11.66	4.02
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*0.99*	
08 72 33 00-0151	LF	Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344)	11.66	4.02
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*0.99*	
08 72 33 00-0152	LF	2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C)	16.31	4.02
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*2.27*	
08 72 33 00-0153	EA	For 20 Oz Copper Drip Cap For Exterior Door	70.56	
08 72 33 00-0154		Perimeter Gasketing Weather-Strip *(08 72 33 00-0001)*		
		Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		
08 72 33 00-0155		Adhesive Backed Perimeter Gasketing Weather-Strip *(08 72 33 00-0154)*		
08 72 33 00-0156	LF	3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33)	3.68	2.51
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0157	LF	1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55)	3.72	2.51
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0158	LF	1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88)	5.45	2.51
08 72 33 00-0159	LF	7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44)	4.04	2.51
08 72 33 00-0160	LF	5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77)	5.32	2.51
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0161	LF	1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773)	4.93	2.51
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0162	LF	7/16" x 5/16", Intumescent And Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS44)	6.52	2.51
08 72 33 00-0163	LF	1/2" x 1/4", Intumescent And Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS88)	6.03	2.51
08 72 33 00-0164		Kerf-In Perimeter Gasketing Weather-Strip *(08 72 33 00-0154)*		
08 72 33 00-0165	LF	3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50)	3.28	2.51
08 72 33 00-0166	LF	7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52)	4.90	2.51
08 72 33 00-0167	LF	3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103)	3.67	2.51
08 72 33 00-0168	LF	5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102)	3.63	2.51
08 72 33 00-0169	LF	3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349)	4.73	2.51
08 72 33 00-0170		Cushion/Spring Perimeter Gasketing Weather-Strip *(08 72 33 00-0154)*		
08 72 33 00-0171		Spring Bronze Perimeter Gasketing Weather-Strip *(08 72 33 00-0170)*		
08 72 33 00-0172	LF	1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C)	9.81	2.51
08 72 33 00-0173	LF	1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D)	9.81	2.51
08 72 33 00-0174	LF	1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E)	10.76	2.51
08 72 33 00-0175	LF	1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F)	10.96	2.51

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0176		Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip *(08 72 33 00-0170)*		
08 72 33 00-0177	LF	5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73)	9.29	2.51
08 72 33 00-0178	LF	7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74)	10.76	2.51
08 72 33 00-0179	LF	1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75)	12.37	2.51
08 72 33 00-0180		Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0154)*		
08 72 33 00-0181		Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0180)*		
08 72 33 00-0182	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV)	6.93	2.51
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*1.90*	
08 72 33 00-0183	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV)	6.93	2.51
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*1.90*	
08 72 33 00-0184	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV)	6.93	2.51
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*1.90*	
08 72 33 00-0185	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN)	11.97	2.51
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*1.39*	
08 72 33 00-0186	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV)	12.30	2.51
		For Color Anodized Finish, Add	*3.64*	
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0187	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR)	12.30	2.51
		For Color Anodized Finish, Add	*2.54*	
08 72 33 00-0188		Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0180)*		
08 72 33 00-0189		Standard Jamb, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0188)*		
08 72 33 00-0190	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV)	11.72	2.51
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0191		Head Section, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0188)*		
08 72 33 00-0192	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV)	13.03	2.51
08 72 33 00-0193		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0154)*		
08 72 33 00-0194		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0193)*		
08 72 33 00-0195	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR)	33.70	2.51
		For Silicone Insert, Add	*1.58*	
08 72 33 00-0196	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR)	59.39	2.51
08 72 33 00-0197		Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0193)*		
08 72 33 00-0198		Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0197)*		
08 72 33 00-0199	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV)	50.85	2.51
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0200		Aluminum Interlock, Perimeter Gasketing Weather-Strip *(08 72 33 00-0154)*		
08 72 33 00-0201	LF	Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A) Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame.	16.90	5.03
		For Color Anodized Finish, Add	*2.74*	
08 72 33 00-0202	LF	Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR) Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame.	17.47	5.03
		For Color Anodized Finish, Add	*2.97*	

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08 72 33 00-0203		Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0154)*		
		Note: Seals gaps from 1/16" to 1/4".		
08 72 33 00-0204	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR)	21.32	2.51
		For Color Anodized Finish, Add	*3.26*	
08 72 33 00-0205	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR)	22.48	2.51
		For Color Anodized Finish, Add	*3.49*	
08 72 33 00-0206		Perimeter Gasketing Weather-Strip Applied To Header *(08 72 33 00-0154)*		
08 72 33 00-0207	LF	1-1/2" Wide x 1/4" High, Silicon Insert, Perimeter Gasketing (Pemko 2891AS)	17.03	5.03
08 72 43		**Thresholds** *(08 72)*		
08 72 43 00-0001		Thresholds *(08 72 43)*		
		Note: Includes material, fasteners, installation, caulk and sealants.		
08 72 43 00-0002		Metal Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0003		Saddle Thresholds *(08 72 43 00-0002)*		
08 72 43 00-0004		Aluminum Saddle Thresholds *(08 72 43 00-0003)*		
		Note: Includes mill finish.		
08 72 43 00-0005		3/16" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0006	LF	2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A)	26.37	8.04
		For Color Anodized Finish, Add	*2.51*	
08 72 43 00-0007		1/4" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0008	LF	3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A)	29.18	8.04
		For Color Anodized Finish, Add	*3.64*	
08 72 43 00-0009	LF	4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A)	34.04	10.05
		For Color Anodized Finish, Add	*6.24*	
08 72 43 00-0010	LF	5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A)	37.20	10.05
		For Color Anodized Finish, Add	*6.04*	
08 72 43 00-0011	LF	6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A)	40.99	10.05
		For Color Anodized Finish, Add	*5.55*	
08 72 43 00-0012	LF	7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A)	46.61	10.05
		For Color Anodized Finish, Add	*5.37*	
08 72 43 00-0013	LF	8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A)	55.93	12.06
		For Color Anodized Finish, Add	*6.45*	
08 72 43 00-0014	LF	9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A)	59.73	12.06
		For Color Anodized Finish, Add	*7.40*	
08 72 43 00-0015	LF	10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A)	65.79	12.06
		For Color Anodized Finish, Add	*8.91*	
08 72 43 00-0016		5/16" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0017	LF	2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A)	28.69	8.04
		For Color Anodized Finish, Add	*3.01*	
08 72 43 00-0018		1/2" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0019	LF	3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A)	28.86	8.04
		For Color Anodized Finish, Add	*4.38*	
08 72 43 00-0020	LF	4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A)	35.37	10.05
		For Color Anodized Finish, Add	*7.18*	
08 72 43 00-0021	LF	5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A)	38.59	10.05
		For Color Anodized Finish, Add	*6.74*	
08 72 43 00-0022	LF	6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A)	41.32	10.05
		For Color Anodized Finish, Add	*5.67*	
08 72 43 00-0023	LF	7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A)	46.61	10.05
		For Color Anodized Finish, Add	*5.37*	
08 72 43 00-0024	LF	8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A)	57.92	12.06
		For Color Anodized Finish, Add	*9.72*	
08 72 43 00-0025	LF	9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A)	61.39	12.06
		For Color Anodized Finish, Add	*12.50*	
08 72 43 00-0026	LF	10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A)	64.86	12.06
		For Color Anodized Finish, Add	*13.88*	
08 72 43 00-0027		Brass/Bronze Saddle Thresholds *(08 72 43 00-0003)*		
08 72 43 00-0028		3/16" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*		
08 72 43 00-0029	LF	2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B)	98.09	8.04
08 72 43 00-0030		1/4" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*		
08 72 43 00-0031	LF	3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B)	157.73	8.04
08 72 43 00-0032	LF	4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B)	190.27	10.05

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08 72 43 00-0033	LF	5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B)	231.56	10.05
08 72 43 00-0034	LF	6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B)	271.70	10.05
08 72 43 00-0035	LF	7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B)	317.57	10.05
08 72 43 00-0036	LF	8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B)	408.62	12.06
08 72 43 00-0037		1/2" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*		
08 72 43 00-0038	LF	4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B)	208.62	10.05
08 72 43 00-0039	LF	5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B)	254.50	10.05
08 72 43 00-0040	LF	6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B)	300.37	10.05
08 72 43 00-0041	LF	7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B)	357.72	10.05
08 72 43 00-0042	LF	8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B)	509.93	12.06
08 72 43 00-0043	LF	10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B)	483.63	12.06
08 72 43 00-0044		Stainless Steel Saddle Thresholds *(08 72 43 00-0003)*		
08 72 43 00-0045		1/2" Height, Stainless Steel Saddle Thresholds *(08 72 43 00-0044)*		
08 72 43 00-0046	LF	4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS)	174.21	10.05
08 72 43 00-0047	LF	5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS)	185.68	10.05
08 72 43 00-0048		Half Saddle Thresholds *(08 72 43 00-0002)*		
08 72 43 00-0049		Aluminum Half Saddle Thresholds *(08 72 43 00-0048)*		
		Note: Includes mill finish.		
08 72 43 00-0050		3/4" Height, Aluminum Half Saddle Thresholds *(08 72 43 00-0049)*		
08 72 43 00-0051	LF	5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A)	41.70	10.05
		For Color Anodized Finish, Add	*6.63*	
08 72 43 00-0052	LF	7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A)	53.71	10.05
		For Color Anodized Finish, Add	*2.86*	
08 72 43 00-0053		Offset Saddle Thresholds *(08 72 43 00-0002)*		
08 72 43 00-0054		Aluminum Offset Saddle Thresholds *(08 72 43 00-0053)*		
		Note: Includes mill finish.		
08 72 43 00-0055		1/2" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)*		
08 72 43 00-0056	LF	5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A)	41.81	10.05
		For Color Anodized Finish, Add	*8.35*	
08 72 43 00-0057	LF	7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A)	46.11	10.05
		For Color Anodized Finish, Add	*7.35*	
08 72 43 00-0058		3/4" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)*		
08 72 43 00-0059	LF	5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A)	41.81	10.05
		For Color Anodized Finish, Add	*8.35*	
08 72 43 00-0060		1" Height, Aluminum Offset Saddle Thresholds *(08 72 43 00-0054)*		
08 72 43 00-0061	LF	7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A)	47.76	10.05
		For Color Anodized Finish, Add	*7.92*	
08 72 43 00-0062		Modular Ramp Thresholds *(08 72 43 00-0001)*		
		Note: Includes mill finish.		
08 72 43 00-0063		Flush, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
08 72 43 00-0064	LF	6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA)	44.04	10.05
		For Non-Slip Surfacing, Add	*71.85*	
08 72 43 00-0065	LF	9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA)	54.90	11.05
		For Non-Slip Surfacing, Add	*91.81*	
08 72 43 00-0066	LF	12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA)	69.73	12.56
		For Non-Slip Surfacing, Add	*124.91*	
08 72 43 00-0067	LF	15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA)	88.49	13.06
		For Non-Slip Surfacing, Add	*168.37*	
08 72 43 00-0068	LF	18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA)	102.93	14.07
		For Non-Slip Surfacing, Add	*224.40*	
08 72 43 00-0069	LF	21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA)	127.41	15.57
		For Non-Slip Surfacing, Add	*250.28*	
08 72 43 00-0070	LF	24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA)	142.10	17.08
		For Non-Slip Surfacing, Add	*280.62*	
08 72 43 00-0071	LF	28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA)	150.71	18.09
		For Non-Slip Surfacing, Add	*286.35*	
08 72 43 00-0072		3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
08 72 43 00-0073	LF	12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA)	74.30	12.56
		For Non-Slip Surfacing, Add	*132.79*	
08 72 43 00-0074	LF	15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA)	87.13	13.06
		For Non-Slip Surfacing, Add	*164.70*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0075	LF	18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA)	108.90	15.07
		For Non-Slip Surfacing, Add	*204.75*	
08 72 43 00-0076	LF	22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA)	127.89	16.08
		For Non-Slip Surfacing, Add	*249.92*	
08 72 43 00-0077	LF	25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA)	146.82	17.08
		For Non-Slip Surfacing, Add	*292.89*	
08 72 43 00-0078	LF	28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA)	160.49	18.09
		For Non-Slip Surfacing, Add	*323.23*	
08 72 43 00-0079	LF	31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA)	196.46	19.09
		For Non-Slip Surfacing, Add	*411.53*	
08 72 43 00-0080		7" Top Plate, Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
08 72 43 00-0081	LF	16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA)	85.91	13.57
		For Non-Slip Surfacing, Add	*164.56*	
08 72 43 00-0082	LF	19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA)	100.74	15.07
		For Non-Slip Surfacing, Add	*197.65*	
08 72 43 00-0083	LF	22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA)	120.49	16.08
		For Non-Slip Surfacing, Add	*238.52*	
08 72 43 00-0084	LF	25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA)	134.95	17.08
		For Non-Slip Surfacing, Add	*272.11*	
08 72 43 00-0085	LF	28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA)	158.41	18.09
		For Non-Slip Surfacing, Add	*317.82*	
08 72 43 00-0086	LF	31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA)	172.08	19.09
		For Non-Slip Surfacing, Add	*348.14*	
08 72 43 00-0087	LF	35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA)	198.47	20.09
		For Non-Slip Surfacing, Add	*395.70*	
08 72 43 00-0088		Accessories For Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*		
08 72 43 00-0089		Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds *(08 72 43 00-0088)*		
08 72 43 00-0090	PR	Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	202.79	12.56
		For Non-Slip Surfacing, Add	*21.32*	
08 72 43 00-0091	PR	>1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	311.60	12.56
		For Non-Slip Surfacing, Add	*34.38*	
08 72 43 00-0092	PR	>1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	616.39	17.59
		For Non-Slip Surfacing, Add	*69.75*	
08 72 43 00-0093		Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0088)*		
08 72 43 00-0094	PR	Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	202.79	12.56
		For Non-Slip Surfacing, Add	*21.32*	
08 72 43 00-0095	PR	>1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	311.60	12.56
		For Non-Slip Surfacing, Add	*34.38*	
08 72 43 00-0096	PR	>1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	616.39	17.59
		For Non-Slip Surfacing, Add	*69.75*	
08 72 43 00-0097		Latching Panic Exit Saddle Thresholds *(08 72 43 00-0001)*		
		Note: Includes vinyl or pile seal.		
08 72 43 00-0098		Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0097)*		
		Note: Includes mill finish.		
08 72 43 00-0099		Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0098)*		
08 72 43 00-0100		7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0099)*		
08 72 43 00-0101	LF	4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP)	50.41	10.05
		For Color Anodized Finish, Add	*8.85*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0102	LF	5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP)	41.98	10.05
		For Color Anodized Finish, Add	*8.43*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0103	LF	6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP)	55.70	10.05
		For Color Anodized Finish, Add	*10.70*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0104	LF	7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP)	58.01	10.05
		For Color Anodized Finish, Add	*11.51*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0105		1" Height, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0099)*		
08 72 43 00-0106	LF	3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP)	39.99	10.05
		For Color Anodized Finish, Add	*7.44*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0107	LF	5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP)	42.31	10.05
		For Color Anodized Finish, Add	*8.60*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0108		Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0098)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0109		7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0108)*		
08 72 43 00-0110	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP)	44.79	10.05
		For Color Anodized Finish, Add	*7.87*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0111	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP)	46.94	10.05
		For Color Anodized Finish, Add	*8.73*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0112	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP)	50.08	10.05
		For Color Anodized Finish, Add	*8.74*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0113	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP)	53.63	10.05
		For Color Anodized Finish, Add	*9.98*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0114		Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0097)*		
08 72 43 00-0115		Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0114)*		
08 72 43 00-0116		7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0115)*		
08 72 43 00-0117	LF	4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV)	302.67	10.05
		For Thermoseal, Add	*0.63*	
08 72 43 00-0118	LF	5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV)	279.73	10.05
		For Thermoseal, Add	*0.63*	
08 72 43 00-0119	LF	6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV)	408.18	10.05
		For Thermoseal, Add	*0.63*	
08 72 43 00-0120	LF	7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV)	363.68	10.05
		For Thermoseal, Add	*0.63*	
08 72 43 00-0121		1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0115)*		
08 72 43 00-0122	LF	5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV)	297.62	10.05
		For Thermoseal, Add	*0.63*	
08 72 43 00-0123		Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0114)*		
08 72 43 00-0124		7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0123)*		
08 72 43 00-0125	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV)	303.70	11.05
		For Thermoseal, Add	*0.63*	
08 72 43 00-0126	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV)	319.52	11.05
		For Thermoseal, Add	*0.63*	
08 72 43 00-0127	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV)	405.08	11.05
		For Thermoseal, Add	*0.63*	
08 72 43 00-0128	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV)	366.19	11.55
		For Thermoseal, Add	*0.63*	
08 72 43 00-0129		Carpet Separator Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0130		Aluminum, Carpet Separator Thresholds *(08 72 43 00-0129)* Note: Includes mill finish.		
08 72 43 00-0131		3/8" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0132	LF	2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C)	30.17	8.04
		For Color Anodized Finish, Add	*4.03*	
08 72 43 00-0133		7/16" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0134	LF	1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A)	24.53	7.03
		For Color Anodized Finish, Add	*2.43*	
08 72 43 00-0135	LF	4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A)	37.52	8.04
		For Color Anodized Finish, Add	*4.96*	
08 72 43 00-0136	LF	6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A)	44.46	8.04
		For Color Anodized Finish, Add	*7.74*	
08 72 43 00-0137		1/2" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0138	LF	1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A)	22.38	7.03
		For Color Anodized Finish, Add	*1.20*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0139		3/4" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0140	LF	1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A)	24.53	7.03
		For Color Anodized Finish, Add	*2.08*	
08 72 43 00-0141	LF	3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A)	38.01	10.05
		For Color Anodized Finish, Add	*5.16*	
08 72 43 00-0142	LF	4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A)	39.99	10.05
		For Color Anodized Finish, Add	*4.46*	
08 72 43 00-0143		Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0129)*		
08 72 43 00-0144		3/8" Height, Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0143)*		
08 72 43 00-0145	LF	2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B)	160.24	8.04
08 72 43 00-0146		7/16" Height, Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0143)*		
08 72 43 00-0147	LF	1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B)	216.29	7.03
08 72 43 00-0148	LF	4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B)	191.42	10.05
08 72 43 00-0149		Vinyl Transition Thresholds *(08 72 43 00-0001)*		
		Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door.		
08 72 43 00-0150		Carpet To Carpet, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets carpet beneath a door.		
08 72 43 00-0151	LF	2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL)	36.23	8.04
08 72 43 00-0152		Carpet To Tile, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets tile beneath a door.		
08 72 43 00-0153	LF	2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL)	36.23	8.04
08 72 43 00-0154		Carpet To Concrete, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets concrete beneath a door.		
08 72 43 00-0155	LF	3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL)	38.86	10.05
08 72 43 00-0156		Carpet To VCT Tile, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets VCT Tile beneath a door.		
08 72 43 00-0157	LF	3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL)	41.54	10.05
08 72 43 00-0158		Residential Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0159		Wood Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0160	LF	1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W)	15.59	5.03
08 72 43 00-0161	LF	1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W)	16.14	5.03
08 72 43 00-0162	LF	3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W)	21.79	5.35
08 72 43 00-0163	LF	3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W)	22.13	5.55
08 72 43 00-0164	LF	5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W)	33.55	5.71
08 72 43 00-0165		Vinyl Top, Wood Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0166	LF	1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK)	18.62	5.03
08 72 43 00-0167	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK)	22.63	5.55
08 72 43 00-0168	LF	3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK)	41.97	5.55
08 72 43 00-0169		Vinyl Top, Aluminum Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0170	LF	1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV)	18.68	5.03
		For Color Anodized Finish, Add	*2.45*	
08 72 43 00-0171	LF	3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV)	21.80	5.55
		For Color Anodized Finish, Add	*3.17*	
08 72 43 00-0172	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV)	23.13	5.55
		For Color Anodized Finish, Add	*3.70*	
08 72 43 00-0173		Interlocking Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0174		Aluminum Interlocking Residential Thresholds *(08 72 43 00-0173)*		
08 72 43 00-0175		1/2" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0176	LF	4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A)	41.21	5.71
		For Color Anodized Finish, Add	*8.08*	
08 72 43 00-0177		5/8" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0178	LF	3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A)	27.42	5.35
		For Color Anodized Finish, Add	*4.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0179	LF	3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A)	24.94	5.55
		For Color Anodized Finish, Add	*5.54*	
08 72 43 00-0180	LF	4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A)	28.98	5.71
		For Color Anodized Finish, Add	*4.41*	
08 72 43 00-0181		7/8" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0182	LF	4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A)	31.62	5.71
		For Color Anodized Finish, Add	*8.68*	
08 72 43 00-0183		Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0173)*		
08 72 43 00-0184		1/2" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0185	LF	4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B)	226.44	5.71
08 72 43 00-0186		5/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0187	LF	3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B)	168.70	5.55
08 72 43 00-0188		7/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0189	LF	4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B)	232.18	5.71
08 72 43 00-0190	LF	5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B)	335.81	5.87
08 72 43 00-0191		Residential Door Sills *(08 72 43 00-0001)*		
08 72 43 00-0192		Fixed Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0193	LF	4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A)	23.69	5.71
		For Color Anodized Finish, Add	*4.71*	
08 72 43 00-0194	LF	5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A)	25.40	5.87
		For Color Anodized Finish, Add	*4.29*	
08 72 43 00-0195		Adjustable Aluminum Top, Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0196	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A)	33.79	5.71
		For Color Anodized Finish, Add	*6.83*	
08 72 43 00-0197	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A)	34.68	5.87
		For Color Anodized Finish, Add	*7.00*	
08 72 43 00-0198		Adjustable Wood Top, Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0199	LF	3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW)	34.17	5.55
		For Color Anodized Finish, Add	*7.11*	
08 72 43 00-0200	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW)	34.58	5.71
		For Color Anodized Finish, Add	*5.08*	
08 72 43 00-0201	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW)	36.09	5.87
		For Color Anodized Finish, Add	*5.35*	
08 72 43 00-0202		Extenders For Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0203	LF	3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A)	14.18	5.03
		For Color Anodized Finish, Add	*2.89*	
08 72 43 00-0204	LF	2" Extender For Aluminum Residential Door Sills (Pemko EXT2A)	15.50	5.03
		For Color Anodized Finish, Add	*2.73*	
08 72 43 00-0205	LF	3" Extender For Aluminum Residential Door Sills (Pemko EXT3A)	16.83	5.03
		For Color Anodized Finish, Add	*1.70*	
08 72 43 00-0206		Stone Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0207		Marble Thresholds *(08 72 43 00-0206)*		
08 72 43 00-0208	LF	2" Width, 5/8" Height, Plain Marble Threshold	18.45	7.23
08 72 43 00-0209	LF	4" Width, 5/8" Height, Plain Marble Threshold	20.21	7.23
08 72 43 00-0210	LF	6" Width, 5/8" Height, Plain Marble Threshold	22.57	7.23
08 72 43 00-0211	LF	4" Width, 7/8" Height, Plain Marble Threshold	27.88	7.23
08 72 43 00-0212	LF	6" Width, 7/8" Height, Plain Marble Threshold	34.09	7.23
08 72 43 00-0213		Corian Thresholds *(08 72 43 00-0206)*		
08 72 43 00-0214	LF	Up To 5-3/4" Width, Corian Threshold	83.76	8.34

08 75 Window Hardware *(08 70)*

08 75 13 Automatic Window Equipment *(08 75)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 75 13 00-0001		Window Opener Electric, With 1/2 HP Motor *(08 75 13)*		
08 75 13 00-0002	EA	Gym Window Electronic Opener	1,932.04	214.13

08 78 Special Function Hardware *(08 70)*

08 78 00 00-0001		Pad Locks *(08 78)*		
08 78 00 00-0002	EA	Combination Padlock	21.09	5.03
08 78 00 00-0003	EA	Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height	49.35	5.03
08 78 00 00-0004	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height	45.52	5.03
08 78 00 00-0005	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height	50.27	5.03
08 78 00 00-0006	EA	Commercial U-Bar Lock	61.24	5.03
08 78 00 00-0007	EA	Weather Tough Padlocks Keyed Alike	51.22	5.03
08 78 00 00-0008	EA	High Security Padlocks	46.15	5.03
08 78 00 00-0009	EA	Standard Key, Medium Security Padlock Keyed Alike	23.88	5.03

08 79 Hardware Accessories *(08 70)*

08 79 13 Key Storage Equipment *(08 79)*

08 79 13 00-0001		Key Cabinet *(08 79 13)*		
08 79 13 00-0002		Key Cabinets *(08 79 13 00-0001)*		
08 79 13 00-0003	EA	Wall Mounted Key Cabinet, Up To 30 Keys	548.25	18.09
08 79 13 00-0004	EA	Wall Mounted Key Cabinet, Up To 60 Keys	743.02	20.09
08 79 13 00-0005	EA	Wall Mounted Key Cabinet, Up To 240 Keys	1,679.71	30.15
08 79 13 00-0006	EA	Wall Mounted Key Cabinet, Up To 1,200 Keys	4,360.01	40.19
08 79 13 00-0007	EA	Drawer Type Key Cabinet, Up To 600 Keys	4,665.75	26.63
08 79 13 00-0008	EA	Drawer Type Key Cabinet, Up To 2,400 Keys	10,572.89	20.09
08 79 13 00-0009	EA	Tray Type Key Cabinet, Up To 20 Keys	230.06	8.04
08 79 13 00-0010	EA	Tray Type Key Cabinet, Up To 50 Keys	329.18	10.05
08 79 13 00-0011		Key Boxes Wall Mounted On Any Type Wall, With Anchor *(08 79 13 00-0001)*		
08 79 13 00-0012	EA	Key Box, Metal, 30 Key Hooks, Key Lock Door 3" Deep x 10" Wide x 12" High	310.72	15.08
08 79 13 00-0013	EA	Key Box, Metal, 60 Key Hooks, Key Lock Door, 3" Deep x 10" Wide x 12" High	353.51	15.08
08 79 13 00-0014	EA	Relocate 10" Wide x 12" High x 3" Deep Metal Key Box Note: Including Storage And Cleaning	51.27	
08 79 13 00-0015	EA	Relocate Heavy Duty Key Box, With Combo Lock Door Note: Including Storage And Cleaning	115.61	

08 80 Glazing *(08)*

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks. Demolition for all glazing includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

08 81 Glass Glazing *(08 80)*

08 81 23 Exterior Glass Glazing *(08 81)*

08 81 23 13 Factory Installed Glass Glazing *(08 81 23)*

08 81 23 13-0001		Clear Float Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0002		Clear Float Factory Installed Glass *(08 81 23 13-0001)* Note: Type I, Class I, Quality Q3.		
08 81 23 13-0003	SF	1/8" Thick, Clear Float Factory Installed Glass	8.25	
		For >50 To 200, Deduct	*-0.25*	
		For >200 To 400, Deduct	*-0.50*	
		For >400, Deduct	*-0.74*	
		For Tinted Glass, Add	*2.06*	
		For Reflective Coated Glass, Add	*3.71*	
		For Low-E Coated Glass, Add	*2.06*	
08 81 23 13-0004	SF	3/16" Thick, Clear Float Factory Installed Glass	8.84	
		For >50 To 200, Deduct	*-0.27*	
		For >200 To 400, Deduct	*-0.53*	
		For >400, Deduct	*-0.80*	
		For Tinted Glass, Add	*2.21*	
		For Reflective Coated Glass, Add	*3.98*	
		For Low-E Coated Glass, Add	*2.21*	
08 81 23 13-0005	SF	1/4" Thick, Clear Float Factory Installed Glass	10.72	
		For >50 To 200, Deduct	*-0.32*	
		For >200 To 400, Deduct	*-0.64*	
		For >400, Deduct	*-0.96*	
		For Tinted Glass, Add	*2.68*	
		For Reflective Coated Glass, Add	*4.82*	
		For Low-E Coated Glass, Add	*2.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0006	SF	5/16" Thick, Clear Float Factory Installed Glass	17.82	
		For >50 To 200, Deduct	*-0.53*	
		For >200 To 400, Deduct	*-1.07*	
		For >400, Deduct	*-1.60*	
		For Tinted Glass, Add	*4.46*	
		For Reflective Coated Glass, Add	*8.02*	
		For Low-E Coated Glass, Add	*4.46*	
08 81 23 13-0007	SF	3/8" Thick, Clear Float Factory Installed Glass	25.93	
		For >50 To 200, Deduct	*-0.78*	
		For >200 To 400, Deduct	*-1.56*	
		For >400, Deduct	*-2.33*	
		For Tinted Glass, Add	*6.48*	
		For Reflective Coated Glass, Add	*11.67*	
		For Low-E Coated Glass, Add	*6.48*	
08 81 23 13-0008	SF	1/2" Thick, Clear Float Factory Installed Glass	28.49	
		For >50 To 200, Deduct	*-0.85*	
		For >200 To 400, Deduct	*-1.71*	
		For >400, Deduct	*-2.56*	
		For Tinted Glass, Add	*7.12*	
		For Reflective Coated Glass, Add	*12.82*	
		For Low-E Coated Glass, Add	*7.12*	
08 81 23 13-0009	SF	5/8" Thick, Clear Float Factory Installed Glass	34.08	
		For >50 To 200, Deduct	*-1.02*	
		For >200 To 400, Deduct	*-2.04*	
		For >400, Deduct	*-3.07*	
		For Tinted Glass, Add	*8.52*	
		For Reflective Coated Glass, Add	*15.34*	
		For Low-E Coated Glass, Add	*8.52*	
08 81 23 13-0010	SF	3/4" Thick, Clear Float Factory Installed Glass	42.10	
		For >50 To 200, Deduct	*-1.26*	
		For >200 To 400, Deduct	*-2.53*	
		For >400, Deduct	*-3.79*	
		For Tinted Glass, Add	*10.53*	
		For Reflective Coated Glass, Add	*18.95*	
		For Low-E Coated Glass, Add	*10.53*	

08 81 23 13-0011 Heat Treated Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0012 Tempered, Clear Float Factory Installed Glass *(08 81 23 13-0011)*

Note: Type I, Class I, Quality Q3.

08 81 23 13-0013	SF	1/8" Thick, Tempered, Clear Float Factory Installed Glass	12.26	
		For >50 To 200, Deduct	*-0.37*	
		For >200 To 400, Deduct	*-0.74*	
		For >400, Deduct	*-1.10*	
		For Tinted Glass, Add	*3.07*	
		For Reflective Coated Glass, Add	*5.52*	
		For Low-E Coated Glass, Add	*3.07*	
08 81 23 13-0014	SF	3/16" Thick, Tempered, Clear Float Factory Installed Glass	13.11	
		For >50 To 200, Deduct	*-0.39*	
		For >200 To 400, Deduct	*-0.79*	
		For >400, Deduct	*-1.18*	
		For Tinted Glass, Add	*3.28*	
		For Reflective Coated Glass, Add	*5.90*	
		For Low-E Coated Glass, Add	*3.28*	
08 81 23 13-0015	SF	1/4" Thick, Tempered, Clear Float Factory Installed Glass	15.94	
		For >50 To 200, Deduct	*-0.48*	
		For >200 To 400, Deduct	*-0.96*	
		For >400, Deduct	*-1.43*	
		For Tinted Glass, Add	*3.99*	
		For Reflective Coated Glass, Add	*7.17*	
		For Low-E Coated Glass, Add	*3.99*	
08 81 23 13-0016	SF	5/16" Thick, Tempered, Clear Float Factory Installed Glass	26.54	
		For >50 To 200, Deduct	*-0.80*	
		For >200 To 400, Deduct	*-1.59*	
		For >400, Deduct	*-2.39*	
		For Tinted Glass, Add	*6.64*	
		For Reflective Coated Glass, Add	*11.94*	
		For Low-E Coated Glass, Add	*6.64*	
08 81 23 13-0017	SF	3/8" Thick, Tempered, Clear Float Factory Installed Glass	38.57	
		For >50 To 200, Deduct	*-1.16*	
		For >200 To 400, Deduct	*-2.31*	
		For >400, Deduct	*-3.47*	
		For Tinted Glass, Add	*9.64*	
		For Reflective Coated Glass, Add	*17.36*	
		For Low-E Coated Glass, Add	*9.64*	
08 81 23 13-0018	SF	1/2" Thick, Tempered, Clear Float Factory Installed Glass	42.37	
		For >50 To 200, Deduct	*-1.27*	
		For >200 To 400, Deduct	*-2.54*	
		For >400, Deduct	*-3.81*	
		For Tinted Glass, Add	*10.59*	
		For Reflective Coated Glass, Add	*19.07*	
		For Low-E Coated Glass, Add	*10.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0019	SF	5/8" Thick, Tempered, Clear Float Factory Installed Glass	50.69	
		For >50 To 200, Deduct	*-1.52*	
		For >200 To 400, Deduct	*-3.04*	
		For >400, Deduct	*-4.56*	
		For Tinted Glass, Add	*12.67*	
		For Reflective Coated Glass, Add	*22.81*	
		For Low-E Coated Glass, Add	*12.67*	
08 81 23 13-0020	SF	3/4" Thick, Tempered, Clear Float Factory Installed Glass	62.62	
		For >50 To 200, Deduct	*-1.88*	
		For >200 To 400, Deduct	*-3.76*	
		For >400, Deduct	*-5.64*	
		For Tinted Glass, Add	*15.66*	
		For Reflective Coated Glass, Add	*28.18*	
		For Low-E Coated Glass, Add	*15.66*	
08 81 23 13-0021		Patterned Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0022		Rough Obscure, Factory Installed Glass *(08 81 23 13-0021)*		
		Note: Class II, Form 3, Finish F1.		
08 81 23 13-0023	SF	1/4" Thick, Rough Obscure, Factory Installed Glass	17.54	
08 81 23 13-0024		Patterned, Figured Factory Installed Glass *(08 81 23 13-0021)*		
		Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 13-0025	SF	1/8" Thick, Patterned, Figured Factory Installed Glass	10.65	
08 81 23 13-0026	SF	7/32" Thick, Patterned, Figured Factory Installed Glass	10.65	
08 81 23 13-0027		Wired Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0028		Square Or Diamond Pattern, Wired Factory Installed Glass *(08 81 23 13-0027)*		
		Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 13-0029	SF	1/4" Thick, Square Pattern, Wired Factory Installed Glass	27.57	
08 81 23 13-0030	SF	1/4" Thick, Diamond Pattern, Wired Factory Installed Glass	27.57	
08 81 23 13-0031		Polished, Wired Factory Installed Glass *(08 81 23 13-0027)*		
08 81 23 13-0032	SF	1/4" Thick, Polished, Wired Factory Installed Glass	30.14	
08 81 23 13-0033		Frosted Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0034		Frosted Factory Installed Glass *(08 81 23 13-0033)*		
08 81 23 13-0035	SF	1/8" Thick, Frosted Factory Installed Glass	13.94	
		For >50 To 200, Deduct	*-0.42*	
		For >200 To 400, Deduct	*-0.84*	
		For >400, Deduct	*-1.25*	
08 81 23 13-0036	SF	3/16" Thick, Frosted Factory Installed Glass	18.29	
		For >50 To 200, Deduct	*-0.55*	
		For >200 To 400, Deduct	*-1.10*	
		For >400, Deduct	*-1.65*	
08 81 23 13-0037	SF	1/4" Thick, Frosted Factory Installed Glass	23.12	
		For >50 To 200, Deduct	*-0.69*	
		For >200 To 400, Deduct	*-1.39*	
		For >400, Deduct	*-2.08*	
08 81 23 13-0038	SF	3/8" Thick, Frosted Factory Installed Glass	34.56	
		For >50 To 200, Deduct	*-1.04*	
		For >200 To 400, Deduct	*-2.07*	
		For >400, Deduct	*-3.11*	
08 81 23 13-0039		Fire Rated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0040		Fire Rated Factory Installed Glass *(08 81 23 13-0039)*		
08 81 23 13-0041	SF	20 Minute, Fire Rated Factory Installed Glass	50.62	
08 81 23 13-0042	SF	45 Minute, Fire Rated Factory Installed Glass	100.78	
08 81 23 13-0043	SF	60 Minute, Fire Rated Factory Installed Glass	155.75	
08 81 23 13-0044	SF	90 Minute, Fire Rated Factory Installed Glass	206.14	
08 81 23 13-0045		Laminated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0046		Laminated Glass With PVB Interlayer, Factory Installed Glass *(08 81 23 13-0045)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	28.68	
		For >50 To 200, Deduct	*-0.86*	
		For >200 To 400, Deduct	*-1.72*	
		For >400, Deduct	*-2.58*	
		For Tinted Glass, Add	*5.74*	
		For Reflective Coated Glass, Add	*8.60*	
		For Low-E Coated Glass, Add	*7.17*	
		For One Piece Heat Strengthened Glass, Add	*5.74*	
		For One Piece Fully Tempered Glass, Add	*5.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	35.79	
		For >50 To 200, Deduct	*-1.07*	
		For >200 To 400, Deduct	*-2.15*	
		For >400, Deduct	*-3.22*	
		For Tinted Glass, Add	*7.16*	
		For Reflective Coated Glass, Add	*10.74*	
		For Low-E Coated Glass, Add	*8.95*	
		For One Piece Heat Strengthened Glass, Add	*7.16*	
		For One Piece Fully Tempered Glass, Add	*7.16*	
08 81 23 13-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	41.35	
		For >50 To 200, Deduct	*-1.24*	
		For >200 To 400, Deduct	*-2.48*	
		For >400, Deduct	*-3.72*	
		For Tinted Glass, Add	*8.27*	
		For Reflective Coated Glass, Add	*12.41*	
		For Low-E Coated Glass, Add	*10.34*	
		For One Piece Heat Strengthened Glass, Add	*8.27*	
		For One Piece Fully Tempered Glass, Add	*8.27*	
08 81 23 13-0050		Insulated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0051		Insulated, Factory Installed Glass *(08 81 23 13-0050)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0052		3/16" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0053	SF	3/8" Thick, Insulated Factory Installed Glass	19.81	
		Note: Two 3/32" lites with 3/16" air space.		
		For >50 To 200, Deduct	*-0.59*	
		For >200 To 400, Deduct	*-1.19*	
		For >400, Deduct	*-1.78*	
		For Tinted Glass, Add	*2.97*	
		For Reflective Coated Glass, Add	*5.94*	
		For Low-E Coated Glass, Add	*4.95*	
		For One Piece Heat Strengthened Glass, Add	*3.96*	
		For One Piece Fully Tempered Glass, Add	*3.96*	
		For One Piece Obscure Glass, Add	*8.42*	
		For Argon Gas, Add	*2.72*	
08 81 23 13-0054	SF	1/2" Thick, Insulated Factory Installed Glass	21.65	
		Note: One 3/16" lite and one 1/8" lite with 3/16" air space.		
		For >50 To 200, Deduct	*-0.65*	
		For >200 To 400, Deduct	*-1.30*	
		For >400, Deduct	*-1.95*	
		For Tinted Glass, Add	*3.25*	
		For Reflective Coated Glass, Add	*6.50*	
		For Low-E Coated Glass, Add	*5.41*	
		For One Piece Heat Strengthened Glass, Add	*4.33*	
		For One Piece Fully Tempered Glass, Add	*4.33*	
		For One Piece Obscure Glass, Add	*9.20*	
		For Argon Gas, Add	*2.98*	
08 81 23 13-0055	SF	9/16" Thick, Insulated Factory Installed Glass	21.69	
		Note: Two 3/16" lites with 3/16" air space.		
		For >50 To 200, Deduct	*-0.65*	
		For >200 To 400, Deduct	*-1.30*	
		For >400, Deduct	*-1.95*	
		For Tinted Glass, Add	*3.25*	
		For Reflective Coated Glass, Add	*6.51*	
		For Low-E Coated Glass, Add	*5.42*	
		For One Piece Heat Strengthened Glass, Add	*4.34*	
		For One Piece Fully Tempered Glass, Add	*4.34*	
		For One Piece Obscure Glass, Add	*9.22*	
		For Argon Gas, Add	*2.98*	
08 81 23 13-0056		1/4" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0057	SF	7/16" Thick, Insulated Factory Installed Glass	20.39	
		Note: Two 3/32" lites with 1/4" air space.		
		For >50 To 200, Deduct	*-0.61*	
		For >200 To 400, Deduct	*-1.22*	
		For >400, Deduct	*-1.84*	
		For Tinted Glass, Add	*3.06*	
		For Reflective Coated Glass, Add	*6.12*	
		For Low-E Coated Glass, Add	*5.10*	
		For One Piece Heat Strengthened Glass, Add	*4.08*	
		For One Piece Fully Tempered Glass, Add	*4.08*	
		For One Piece Obscure Glass, Add	*8.67*	
		For Argon Gas, Add	*2.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0058	SF	1/2" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 1/4" air space.	21.65	
		For >50 To 200, Deduct	*-0.65*	
		For >200 To 400, Deduct	*-1.30*	
		For >400, Deduct	*-1.95*	
		For Tinted Glass, Add	*3.25*	
		For Reflective Coated Glass, Add	*6.50*	
		For Low-E Coated Glass, Add	*5.41*	
		For One Piece Heat Strengthened Glass, Add	*4.33*	
		For One Piece Fully Tempered Glass, Add	*4.33*	
		For One Piece Obscure Glass, Add	*9.20*	
		For Argon Gas, Add	*2.98*	
08 81 23 13-0059	SF	5/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/4" air space.	21.90	
		For >50 To 200, Deduct	*-0.66*	
		For >200 To 400, Deduct	*-1.31*	
		For >400, Deduct	*-1.97*	
		For Tinted Glass, Add	*3.29*	
		For Reflective Coated Glass, Add	*6.57*	
		For Low-E Coated Glass, Add	*5.48*	
		For One Piece Heat Strengthened Glass, Add	*4.38*	
		For One Piece Fully Tempered Glass, Add	*4.38*	
		For One Piece Obscure Glass, Add	*9.31*	
		For Argon Gas, Add	*3.01*	
08 81 23 13-0060	SF	5/8" Thick, Insulated Factory Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/4" air space.	21.90	
		For >50 To 200, Deduct	*-0.66*	
		For >200 To 400, Deduct	*-1.31*	
		For >400, Deduct	*-1.97*	
		For Tinted Glass, Add	*3.29*	
		For Reflective Coated Glass, Add	*6.57*	
		For Low-E Coated Glass, Add	*5.48*	
		For One Piece Heat Strengthened Glass, Add	*4.38*	
		For One Piece Fully Tempered Glass, Add	*4.38*	
		For One Piece Obscure Glass, Add	*9.31*	
		For Argon Gas, Add	*3.01*	
08 81 23 13-0061	SF	3/4" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/4" air space.	25.02	
		For >50 To 200, Deduct	*-0.75*	
		For >200 To 400, Deduct	*-1.50*	
		For >400, Deduct	*-2.25*	
		For Tinted Glass, Add	*3.75*	
		For Reflective Coated Glass, Add	*7.51*	
		For Low-E Coated Glass, Add	*6.26*	
		For One Piece Heat Strengthened Glass, Add	*5.00*	
		For One Piece Fully Tempered Glass, Add	*5.00*	
		For One Piece Obscure Glass, Add	*10.63*	
		For Argon Gas, Add	*3.44*	
08 81 23 13-0062		3/8" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)* Note: Type I, Class I, Quality Q3.		
08 81 23 13-0063	SF	5/8" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 3/8" air space.	21.90	
		For >50 To 200, Deduct	*-0.66*	
		For >200 To 400, Deduct	*-1.31*	
		For >400, Deduct	*-1.97*	
		For Tinted Glass, Add	*3.29*	
		For Reflective Coated Glass, Add	*6.57*	
		For Low-E Coated Glass, Add	*5.48*	
		For One Piece Heat Strengthened Glass, Add	*4.38*	
		For One Piece Fully Tempered Glass, Add	*4.38*	
		For One Piece Obscure Glass, Add	*9.31*	
		For Argon Gas, Add	*3.01*	
08 81 23 13-0064	SF	3/4" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 3/8" air space.	22.94	
		For >50 To 200, Deduct	*-0.69*	
		For >200 To 400, Deduct	*-1.38*	
		For >400, Deduct	*-2.06*	
		For Tinted Glass, Add	*3.44*	
		For Reflective Coated Glass, Add	*6.88*	
		For Low-E Coated Glass, Add	*5.74*	
		For One Piece Heat Strengthened Glass, Add	*4.59*	
		For One Piece Fully Tempered Glass, Add	*4.59*	
		For One Piece Obscure Glass, Add	*9.75*	
		For Argon Gas, Add	*3.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0065	SF	7/8" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 3/8" air space.	25.44	
		For >50 To 200, Deduct	*-0.76*	
		For >200 To 400, Deduct	*-1.53*	
		For >400, Deduct	*-2.29*	
		For Tinted Glass, Add	*3.82*	
		For Reflective Coated Glass, Add	*7.63*	
		For Low-E Coated Glass, Add	*6.36*	
		For One Piece Heat Strengthened Glass, Add	*5.09*	
		For One Piece Fully Tempered Glass, Add	*5.09*	
		For One Piece Obscure Glass, Add	*10.81*	
		For Argon Gas, Add	*3.50*	
08 81 23 13-0066	SF	1" Thick, Insulated Factory Installed Glass Note: Two 5/16" lites with 3/8" air space.	28.74	
		For >50 To 200, Deduct	*-0.86*	
		For >200 To 400, Deduct	*-1.72*	
		For >400, Deduct	*-2.59*	
		For Tinted Glass, Add	*4.31*	
		For Reflective Coated Glass, Add	*8.62*	
		For Low-E Coated Glass, Add	*7.19*	
		For One Piece Heat Strengthened Glass, Add	*5.75*	
		For One Piece Fully Tempered Glass, Add	*5.75*	
		For One Piece Obscure Glass, Add	*12.21*	
		For Argon Gas, Add	*3.95*	

08 81 23 13-0067 1/2" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*
Note: Type I, Class I, Quality Q3.

08 81 23 13-0068	SF	3/4" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 1/2" air space.	22.94	
		For >50 To 200, Deduct	*-0.69*	
		For >200 To 400, Deduct	*-1.38*	
		For >400, Deduct	*-2.06*	
		For Tinted Glass, Add	*3.44*	
		For Reflective Coated Glass, Add	*6.88*	
		For Low-E Coated Glass, Add	*5.74*	
		For One Piece Heat Strengthened Glass, Add	*4.59*	
		For One Piece Fully Tempered Glass, Add	*4.59*	
		For One Piece Obscure Glass, Add	*9.75*	
		For Argon Gas, Add	*3.15*	
08 81 23 13-0069	SF	7/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/2" air space.	25.44	
		For >50 To 200, Deduct	*-0.76*	
		For >200 To 400, Deduct	*-1.53*	
		For >400, Deduct	*-2.29*	
		For Tinted Glass, Add	*3.82*	
		For Reflective Coated Glass, Add	*7.63*	
		For Low-E Coated Glass, Add	*6.36*	
		For One Piece Heat Strengthened Glass, Add	*5.09*	
		For One Piece Fully Tempered Glass, Add	*5.09*	
		For One Piece Obscure Glass, Add	*10.81*	
		For Argon Gas, Add	*3.50*	
08 81 23 13-0070	SF	7/8" Thick, Insulated Factory Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/2" air space.	25.44	
		For >50 To 200, Deduct	*-0.76*	
		For >200 To 400, Deduct	*-1.53*	
		For >400, Deduct	*-2.29*	
		For Tinted Glass, Add	*3.82*	
		For Reflective Coated Glass, Add	*7.63*	
		For Low-E Coated Glass, Add	*6.36*	
		For One Piece Heat Strengthened Glass, Add	*5.09*	
		For One Piece Fully Tempered Glass, Add	*5.09*	
		For One Piece Obscure Glass, Add	*10.81*	
		For Argon Gas, Add	*3.50*	
08 81 23 13-0071	SF	1" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/2" air space.	27.82	
		For >50 To 200, Deduct	*-0.83*	
		For >200 To 400, Deduct	*-1.67*	
		For >400, Deduct	*-2.50*	
		For Tinted Glass, Add	*4.17*	
		For Reflective Coated Glass, Add	*8.35*	
		For Low-E Coated Glass, Add	*6.96*	
		For One Piece Heat Strengthened Glass, Add	*5.56*	
		For One Piece Fully Tempered Glass, Add	*5.56*	
		For One Piece Obscure Glass, Add	*11.82*	
		For Argon Gas, Add	*3.83*	

08 81 23 13-0072 Laminated Insulated Glass, Factory Installed Glass *(08 81 23 13-0050)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0073	SF	1" Thick, Laminated Insulating Glass, Factory Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 3/16" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	77.90	
		For >50 To 200, Deduct	*-2.34*	
		For >200 To 400, Deduct	*-4.67*	
		For >400, Deduct	*-7.01*	
		For Tinted Glass, Add	*11.69*	
		For Reflective Coated Glass, Add	*23.37*	
		For Low-E Coated Glass, Add	*19.48*	
		For Argon Gas, Add	*10.71*	
08 81 23 13-0074	SF	1-3/16" Thick, Laminated Insulating Glass, Factory Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 3/8" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	94.59	
		For >50 To 200, Deduct	*-2.84*	
		For >200 To 400, Deduct	*-5.68*	
		For >400, Deduct	*-8.51*	
		For Tinted Glass, Add	*14.19*	
		For Reflective Coated Glass, Add	*28.38*	
		For Low-E Coated Glass, Add	*23.65*	
		For Argon Gas, Add	*13.01*	
08 81 23 13-0075	SF	1-5/16" Thick, Laminated Insulating Glass, Factory Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	111.27	
		For >50 To 200, Deduct	*-3.34*	
		For >200 To 400, Deduct	*-6.68*	
		For >400, Deduct	*-10.01*	
		For Tinted Glass, Add	*16.69*	
		For Reflective Coated Glass, Add	*33.38*	
		For Low-E Coated Glass, Add	*27.82*	
		For Argon Gas, Add	*15.30*	

08 81 23 23 Field Installed Glass Glazing *(08 81 23)*

08 81 23 23-0001 Clear Float Field Installed Glass *(08 81 23 23)*

08 81 23 23-0002 Clear Float Field Installed Glass *(08 81 23 23-0001)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0003	SF	1/8" Thick, Clear Float Field Installed Glass	22.19	
		For >50 To 200, Deduct	*-0.25*	
		For >200 To 400, Deduct	*-0.50*	
		For >400, Deduct	*-0.74*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.94*	
		For Tinted Glass, Add	*2.06*	
		For Reflective Coated Glass, Add	*3.71*	
		For Low-E Coated Glass, Add	*2.06*	
08 81 23 23-0004	SF	3/16" Thick, Clear Float Field Installed Glass	23.84	
		For >50 To 200, Deduct	*-0.27*	
		For >200 To 400, Deduct	*-0.53*	
		For >400, Deduct	*-0.80*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.00*	
		For Tinted Glass, Add	*2.21*	
		For Reflective Coated Glass, Add	*3.98*	
		For Low-E Coated Glass, Add	*2.21*	
08 81 23 23-0005	SF	1/4" Thick, Clear Float Field Installed Glass	26.79	
		For >50 To 200, Deduct	*-0.32*	
		For >200 To 400, Deduct	*-0.64*	
		For >400, Deduct	*-0.96*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.07*	
		For Tinted Glass, Add	*2.68*	
		For Reflective Coated Glass, Add	*4.82*	
		For Low-E Coated Glass, Add	*2.68*	
08 81 23 23-0006	SF	5/16" Thick, Clear Float Field Installed Glass	36.04	
		For >50 To 200, Deduct	*-0.53*	
		For >200 To 400, Deduct	*-1.07*	
		For >400, Deduct	*-1.60*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.22*	
		For Tinted Glass, Add	*4.46*	
		For Reflective Coated Glass, Add	*8.02*	
		For Low-E Coated Glass, Add	*4.46*	
08 81 23 23-0007	SF	3/8" Thick, Clear Float Field Installed Glass	46.29	
		For >50 To 200, Deduct	*-0.78*	
		For >200 To 400, Deduct	*-1.56*	
		For >400, Deduct	*-2.33*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.36*	
		For Tinted Glass, Add	*6.48*	
		For Reflective Coated Glass, Add	*11.67*	
		For Low-E Coated Glass, Add	*6.48*	
08 81 23 23-0008	SF	1/2" Thick, Clear Float Field Installed Glass	51.00	
		For >50 To 200, Deduct	*-0.85*	
		For >200 To 400, Deduct	*-1.71*	
		For >400, Deduct	*-2.56*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*22.51*	
		For Tinted Glass, Add	*7.12*	
		For Reflective Coated Glass, Add	*12.82*	
		For Low-E Coated Glass, Add	*7.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0009	SF	5/8" Thick, Clear Float Field Installed Glass	61.94	
		For >50 To 200, Deduct	*-1.02*	
		For >200 To 400, Deduct	*-2.04*	
		For >400, Deduct	*-3.07*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*27.86*	
		For Tinted Glass, Add	*8.52*	
		For Reflective Coated Glass, Add	*15.34*	
		For Low-E Coated Glass, Add	*8.52*	
08 81 23 23-0010	SF	3/4" Thick, Clear Float Field Installed Glass	75.33	
		For >50 To 200, Deduct	*-1.26*	
		For >200 To 400, Deduct	*-2.53*	
		For >400, Deduct	*-3.79*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*33.23*	
		For Tinted Glass, Add	*10.53*	
		For Reflective Coated Glass, Add	*18.95*	
		For Low-E Coated Glass, Add	*10.53*	

08 81 23 23-0011 Heat Treated Field Installed Glass *(08 81 23 23)*

08 81 23 23-0012 Tempered, Clear Float Field Installed Glass *(08 81 23 23-0011)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0013	SF	1/8" Thick, Tempered, Clear Float Field Installed Glass	26.20	
		For >50 To 200, Deduct	*-0.37*	
		For >200 To 400, Deduct	*-0.74*	
		For >400, Deduct	*-1.10*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.94*	
		For Tinted Glass, Add	*3.07*	
		For Reflective Coated Glass, Add	*5.52*	
		For Low-E Coated Glass, Add	*3.07*	
08 81 23 23-0014	SF	3/16" Thick, Tempered, Clear Float Field Installed Glass	28.11	
		For >50 To 200, Deduct	*-0.39*	
		For >200 To 400, Deduct	*-0.79*	
		For >400, Deduct	*-1.18*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.00*	
		For Tinted Glass, Add	*3.28*	
		For Reflective Coated Glass, Add	*5.90*	
		For Low-E Coated Glass, Add	*3.28*	
08 81 23 23-0015	SF	1/4" Thick, Tempered, Clear Float Field Installed Glass	32.01	
		For >50 To 200, Deduct	*-0.48*	
		For >200 To 400, Deduct	*-0.96*	
		For >400, Deduct	*-1.43*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.07*	
		For Tinted Glass, Add	*3.99*	
		For Reflective Coated Glass, Add	*7.17*	
		For Low-E Coated Glass, Add	*3.99*	
08 81 23 23-0016	SF	5/16" Thick, Tempered, Clear Float Field Installed Glass	44.76	
		For >50 To 200, Deduct	*-0.80*	
		For >200 To 400, Deduct	*-1.59*	
		For >400, Deduct	*-2.39*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.22*	
		For Tinted Glass, Add	*6.64*	
		For Reflective Coated Glass, Add	*11.94*	
		For Low-E Coated Glass, Add	*6.64*	
08 81 23 23-0017	SF	3/8" Thick, Tempered, Clear Float Field Installed Glass	58.93	
		For >50 To 200, Deduct	*-1.16*	
		For >200 To 400, Deduct	*-2.31*	
		For >400, Deduct	*-3.47*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.36*	
		For Tinted Glass, Add	*9.64*	
		For Reflective Coated Glass, Add	*17.36*	
		For Low-E Coated Glass, Add	*9.64*	
08 81 23 23-0018	SF	1/2" Thick, Tempered, Clear Float Field Installed Glass	64.88	
		For >50 To 200, Deduct	*-1.27*	
		For >200 To 400, Deduct	*-2.54*	
		For >400, Deduct	*-3.81*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*22.51*	
		For Tinted Glass, Add	*10.59*	
		For Reflective Coated Glass, Add	*19.07*	
		For Low-E Coated Glass, Add	*10.59*	
08 81 23 23-0019	SF	5/8" Thick, Tempered, Clear Float Field Installed Glass	78.55	
		For >50 To 200, Deduct	*-1.52*	
		For >200 To 400, Deduct	*-3.04*	
		For >400, Deduct	*-4.56*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*27.86*	
		For Tinted Glass, Add	*12.67*	
		For Reflective Coated Glass, Add	*22.81*	
		For Low-E Coated Glass, Add	*12.67*	
08 81 23 23-0020	SF	3/4" Thick, Tempered, Clear Float Field Installed Glass	95.85	
		For >50 To 200, Deduct	*-1.88*	
		For >200 To 400, Deduct	*-3.76*	
		For >400, Deduct	*-5.64*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*33.23*	
		For Tinted Glass, Add	*15.66*	
		For Reflective Coated Glass, Add	*28.18*	
		For Low-E Coated Glass, Add	*15.66*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0021		Patterned Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0022		Rough Obscure Field Installed Glass *(08 81 23 23-0021)* Note: Class II, Form 3, Finish F1.		
08 81 23 23-0023	SF	1/4" Thick, Rough Obscure Field Installed Glass	33.61	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.07*	
08 81 23 23-0024		Patterned, Figured Field Installed Glass *(08 81 23 23-0021)* Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 23-0025	SF	1/8" Thick, Patterned, Figured Field Installed Glass	24.59	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.94*	
08 81 23 23-0026	SF	7/32" Thick, Patterned, Figured Field Installed Glass	26.19	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.54*	
08 81 23 23-0027		Wired Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0028		Square Or Diamond Pattern, Wired Field Installed Glass *(08 81 23 23-0027)* Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 23-0029	SF	1/4" Thick, Square Pattern, Wired Field Installed Glass	43.64	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.07*	
08 81 23 23-0030	SF	1/4" Thick, Diamond Pattern, Wired Field Installed Glass	43.64	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.07*	
08 81 23 23-0031		Polished, Wired Field Installed Glass *(08 81 23 23-0027)*		
08 81 23 23-0032	SF	1/4" Thick, Polished, Wired Field Installed Glass	46.21	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.07*	
08 81 23 23-0033		Frosted Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0034		Frosted Field Installed Glass *(08 81 23 23-0033)*		
08 81 23 23-0035	SF	1/8" Thick, Frosted Field Installed Glass	27.88	
		For >50 To 200, Deduct	*-0.42*	
		For >200 To 400, Deduct	*-0.84*	
		For >400, Deduct	*-1.25*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.94*	
08 81 23 23-0036	SF	3/16" Thick, Frosted Field Installed Glass	33.29	
		For >50 To 200, Deduct	*-0.55*	
		For >200 To 400, Deduct	*-1.10*	
		For >400, Deduct	*-1.65*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.00*	
08 81 23 23-0037	SF	1/4" Thick, Frosted Field Installed Glass	39.19	
		For >50 To 200, Deduct	*-0.69*	
		For >200 To 400, Deduct	*-1.39*	
		For >400, Deduct	*-2.08*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.07*	
08 81 23 23-0038	SF	3/8" Thick, Frosted Field Installed Glass	54.92	
		For >50 To 200, Deduct	*-1.04*	
		For >200 To 400, Deduct	*-2.07*	
		For >400, Deduct	*-3.11*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.36*	
08 81 23 23-0039		Fire Rated Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0040		Fire Rated Field Installed Glass *(08 81 23 23-0039)*		
08 81 23 23-0041	SF	20 Minute, Fire Rated Field Installed Glass	66.69	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.07*	
08 81 23 23-0042	SF	45 Minute, Fire Rated Field Installed Glass	116.85	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.07*	
08 81 23 23-0043	SF	60 Minute, Fire Rated Field Installed Glass	171.82	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.07*	
08 81 23 23-0044	SF	90 Minute, Fire Rated Field Installed Glass	222.21	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.07*	
08 81 23 23-0045		Laminated Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0046		Laminated Glass With PVB Interlayer, Field Installed Glass *(08 81 23 23-0045)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	44.75	
		For >50 To 200, Deduct	*-0.86*	
		For >200 To 400, Deduct	*-1.72*	
		For >400, Deduct	*-2.58*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.07*	
		For Tinted Glass, Add	*5.74*	
		For Reflective Coated Glass, Add	*8.60*	
		For Low-E Coated Glass, Add	*7.17*	
		For One Piece Heat Strengthened Glass, Add	*5.74*	
		For One Piece Fully Tempered Glass, Add	*5.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	56.15	
		For >50 To 200, Deduct	*-1.07*	
		For >200 To 400, Deduct	*-2.15*	
		For >400, Deduct	*-3.22*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.36*	
		For Tinted Glass, Add	*7.16*	
		For Reflective Coated Glass, Add	*10.74*	
		For Low-E Coated Glass, Add	*8.95*	
		For One Piece Heat Strengthened Glass, Add	*7.16*	
		For One Piece Fully Tempered Glass, Add	*7.16*	
08 81 23 23-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	63.86	
		For >50 To 200, Deduct	*-1.24*	
		For >200 To 400, Deduct	*-2.48*	
		For >400, Deduct	*-3.72*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*22.51*	
		For Tinted Glass, Add	*8.27*	
		For Reflective Coated Glass, Add	*12.41*	
		For Low-E Coated Glass, Add	*10.34*	
		For One Piece Heat Strengthened Glass, Add	*8.27*	
		For One Piece Fully Tempered Glass, Add	*8.27*	
08 81 23 23-0050	SF	9/16" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	71.71	
		For >50 To 200, Deduct	*-1.40*	
		For >200 To 400, Deduct	*-2.79*	
		For >400, Deduct	*-4.19*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*25.19*	
		For Tinted Glass, Add	*9.30*	
		For Reflective Coated Glass, Add	*13.96*	
		For Low-E Coated Glass, Add	*11.63*	
		For One Piece Heat Strengthened Glass, Add	*9.30*	
		For One Piece Fully Tempered Glass, Add	*9.30*	
08 81 23 23-0051		Insulated Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0052		Insulated Glass, Field Installed Glass *(08 81 23 23-0051)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0053		3/16" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0054	SF	3/8" Thick, Insulated Field Installed Glass Note: Two 3/32" lites with 3/16" air space.	37.82	
		For >50 To 200, Deduct	*-0.59*	
		For >200 To 400, Deduct	*-1.19*	
		For >400, Deduct	*-1.78*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.01*	
		For Tinted Glass, Add	*2.97*	
		For Reflective Coated Glass, Add	*5.94*	
		For Low-E Coated Glass, Add	*4.95*	
		For One Piece Heat Strengthened Glass, Add	*3.96*	
		For One Piece Fully Tempered Glass, Add	*3.96*	
		For One Piece Obscure Glass, Add	*8.42*	
		For Argon Gas, Add	*2.72*	
08 81 23 23-0055	SF	1/2" Thick, Insulated Field Installed Glass Note: One 3/16" lite and one 1/8" lite with 3/16" air space.	40.41	
		For >50 To 200, Deduct	*-0.65*	
		For >200 To 400, Deduct	*-1.30*	
		For >400, Deduct	*-1.95*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.76*	
		For Tinted Glass, Add	*3.25*	
		For Reflective Coated Glass, Add	*6.50*	
		For Low-E Coated Glass, Add	*5.41*	
		For One Piece Heat Strengthened Glass, Add	*4.33*	
		For One Piece Fully Tempered Glass, Add	*4.33*	
		For One Piece Obscure Glass, Add	*9.20*	
		For Argon Gas, Add	*2.98*	
08 81 23 23-0056	SF	9/16" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 3/16" air space.	40.77	
		For >50 To 200, Deduct	*-0.65*	
		For >200 To 400, Deduct	*-1.30*	
		For >400, Deduct	*-1.95*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.08*	
		For Tinted Glass, Add	*3.25*	
		For Reflective Coated Glass, Add	*6.51*	
		For Low-E Coated Glass, Add	*5.42*	
		For One Piece Heat Strengthened Glass, Add	*4.34*	
		For One Piece Fully Tempered Glass, Add	*4.34*	
		For One Piece Obscure Glass, Add	*9.22*	
		For Argon Gas, Add	*2.98*	
08 81 23 23-0057		1/4" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)* Note: Type I, Class I, Quality Q3.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0058	SF	7/16" Thick, Insulated Field Installed Glass Note: Two 3/32" lites with 1/4" air space.	38.72	
		For >50 To 200, Deduct	*-0.61*	
		For >200 To 400, Deduct	*-1.22*	
		For >400, Deduct	*-1.84*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.33*	
		For Tinted Glass, Add	*3.06*	
		For Reflective Coated Glass, Add	*6.12*	
		For Low-E Coated Glass, Add	*5.10*	
		For One Piece Heat Strengthened Glass, Add	*4.08*	
		For One Piece Fully Tempered Glass, Add	*4.08*	
		For One Piece Obscure Glass, Add	*8.67*	
		For Argon Gas, Add	*2.80*	
08 81 23 23-0059	SF	1/2" Thick, Insulated Field Installed Glass Note: Two 1/8" lites with 1/4" air space.	40.41	
		For >50 To 200, Deduct	*-0.65*	
		For >200 To 400, Deduct	*-1.30*	
		For >400, Deduct	*-1.95*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.76*	
		For Tinted Glass, Add	*3.25*	
		For Reflective Coated Glass, Add	*6.50*	
		For Low-E Coated Glass, Add	*5.41*	
		For One Piece Heat Strengthened Glass, Add	*4.33*	
		For One Piece Fully Tempered Glass, Add	*4.33*	
		For One Piece Obscure Glass, Add	*9.20*	
		For Argon Gas, Add	*2.98*	
08 81 23 23-0060	SF	5/8" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 1/4" air space.	41.91	
		For >50 To 200, Deduct	*-0.66*	
		For >200 To 400, Deduct	*-1.31*	
		For >400, Deduct	*-1.97*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.01*	
		For Tinted Glass, Add	*3.29*	
		For Reflective Coated Glass, Add	*6.57*	
		For Low-E Coated Glass, Add	*5.48*	
		For One Piece Heat Strengthened Glass, Add	*4.38*	
		For One Piece Fully Tempered Glass, Add	*4.38*	
		For One Piece Obscure Glass, Add	*9.31*	
		For Argon Gas, Add	*3.01*	
08 81 23 23-0061	SF	5/8" Thick, Insulated Field Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/4" air space.	41.91	
		For >50 To 200, Deduct	*-0.66*	
		For >200 To 400, Deduct	*-1.31*	
		For >400, Deduct	*-1.97*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.01*	
		For Tinted Glass, Add	*3.29*	
		For Reflective Coated Glass, Add	*6.57*	
		For Low-E Coated Glass, Add	*5.48*	
		For One Piece Heat Strengthened Glass, Add	*4.38*	
		For One Piece Fully Tempered Glass, Add	*4.38*	
		For One Piece Obscure Glass, Add	*9.31*	
		For Argon Gas, Add	*3.01*	
08 81 23 23-0062	SF	3/4" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 1/4" air space.	46.85	
		For >50 To 200, Deduct	*-0.75*	
		For >200 To 400, Deduct	*-1.50*	
		For >400, Deduct	*-2.25*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.83*	
		For Tinted Glass, Add	*3.75*	
		For Reflective Coated Glass, Add	*7.51*	
		For Low-E Coated Glass, Add	*6.26*	
		For One Piece Heat Strengthened Glass, Add	*5.00*	
		For One Piece Fully Tempered Glass, Add	*5.00*	
		For One Piece Obscure Glass, Add	*10.63*	
		For Argon Gas, Add	*3.44*	
08 81 23 23-0063		3/8" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0064	SF	5/8" Thick, Insulated Field Installed Glass Note: Two 1/8" lites with 3/8" air space.	41.91	
		For >50 To 200, Deduct	*-0.66*	
		For >200 To 400, Deduct	*-1.31*	
		For >400, Deduct	*-1.97*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.01*	
		For Tinted Glass, Add	*3.29*	
		For Reflective Coated Glass, Add	*6.57*	
		For Low-E Coated Glass, Add	*5.48*	
		For One Piece Heat Strengthened Glass, Add	*4.38*	
		For One Piece Fully Tempered Glass, Add	*4.38*	
		For One Piece Obscure Glass, Add	*9.31*	
		For Argon Gas, Add	*3.01*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0065	SF	3/4" Thick, Insulated Field Installed Glass	44.77	
		Note: Two 3/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.69*	
		For >200 To 400, Deduct	*-1.38*	
		For >400, Deduct	*-2.06*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.83*	
		For Tinted Glass, Add	*3.44*	
		For Reflective Coated Glass, Add	*6.88*	
		For Low-E Coated Glass, Add	*5.74*	
		For One Piece Heat Strengthened Glass, Add	*4.59*	
		For One Piece Fully Tempered Glass, Add	*4.59*	
		For One Piece Obscure Glass, Add	*9.75*	
		For Argon Gas, Add	*3.15*	
08 81 23 23-0066	SF	7/8" Thick, Insulated Field Installed Glass	47.73	
		Note: Two 1/4" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.76*	
		For >200 To 400, Deduct	*-1.53*	
		For >400, Deduct	*-2.29*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*22.29*	
		For Tinted Glass, Add	*3.82*	
		For Reflective Coated Glass, Add	*7.63*	
		For Low-E Coated Glass, Add	*6.36*	
		For One Piece Heat Strengthened Glass, Add	*5.09*	
		For One Piece Fully Tempered Glass, Add	*5.09*	
		For One Piece Obscure Glass, Add	*10.81*	
		For Argon Gas, Add	*3.50*	
08 81 23 23-0067	SF	1" Thick, Insulated Field Installed Glass	51.25	
		Note: Two 5/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.86*	
		For >200 To 400, Deduct	*-1.72*	
		For >400, Deduct	*-2.59*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*22.51*	
		For Tinted Glass, Add	*4.31*	
		For Reflective Coated Glass, Add	*8.62*	
		For Low-E Coated Glass, Add	*7.19*	
		For One Piece Heat Strengthened Glass, Add	*5.75*	
		For One Piece Fully Tempered Glass, Add	*5.75*	
		For One Piece Obscure Glass, Add	*12.21*	
		For Argon Gas, Add	*3.95*	
08 81 23 23-0068		1/2" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0069	SF	3/4" Thick, Insulated Field Installed Glass	44.77	
		Note: Two 1/8" lites with 1/2" air space.		
		For >50 To 200, Deduct	*-0.69*	
		For >200 To 400, Deduct	*-1.38*	
		For >400, Deduct	*-2.06*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.83*	
		For Tinted Glass, Add	*3.44*	
		For Reflective Coated Glass, Add	*6.88*	
		For Low-E Coated Glass, Add	*5.74*	
		For One Piece Heat Strengthened Glass, Add	*4.59*	
		For One Piece Fully Tempered Glass, Add	*4.59*	
		For One Piece Obscure Glass, Add	*9.75*	
		For Argon Gas, Add	*3.15*	
08 81 23 23-0070	SF	7/8" Thick, Insulated Field Installed Glass	47.73	
		Note: Two 3/16" lites with 1/2" air space.		
		For >50 To 200, Deduct	*-0.76*	
		For >200 To 400, Deduct	*-1.53*	
		For >400, Deduct	*-2.29*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*22.29*	
		For Tinted Glass, Add	*3.82*	
		For Reflective Coated Glass, Add	*7.63*	
		For Low-E Coated Glass, Add	*6.36*	
		For One Piece Heat Strengthened Glass, Add	*5.09*	
		For One Piece Fully Tempered Glass, Add	*5.09*	
		For One Piece Obscure Glass, Add	*10.81*	
		For Argon Gas, Add	*3.50*	
08 81 23 23-0071	SF	7/8" Thick, Insulated Field Installed Glass	47.73	
		Note: One 1/4" lite and one 1/8" lite with 1/2" air space.		
		For >50 To 200, Deduct	*-0.76*	
		For >200 To 400, Deduct	*-1.53*	
		For >400, Deduct	*-2.29*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*22.29*	
		For Tinted Glass, Add	*3.82*	
		For Reflective Coated Glass, Add	*7.63*	
		For Low-E Coated Glass, Add	*6.36*	
		For One Piece Heat Strengthened Glass, Add	*5.09*	
		For One Piece Fully Tempered Glass, Add	*5.09*	
		For One Piece Obscure Glass, Add	*10.81*	
		For Argon Gas, Add	*3.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0072	SF	1" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 1/2" air space.	50.33	
		For >50 To 200, Deduct	*-0.83*	
		For >200 To 400, Deduct	*-1.67*	
		For >400, Deduct	*-2.50*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*22.51*	
		For Tinted Glass, Add	*4.17*	
		For Reflective Coated Glass, Add	*8.35*	
		For Low-E Coated Glass, Add	*6.96*	
		For One Piece Heat Strengthened Glass, Add	*5.56*	
		For One Piece Fully Tempered Glass, Add	*5.56*	
		For One Piece Obscure Glass, Add	*11.82*	
		For Argon Gas, Add	*3.83*	
08 81 23 23-0073		Laminated Insulated Glass, Field Installed Glass *(08 81 23 23-0051)*		
08 81 23 23-0074	SF	1" Thick, Laminated Insulating Glass, Field Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 3/16" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	100.41	
		For >50 To 200, Deduct	*-2.34*	
		For >200 To 400, Deduct	*-4.67*	
		For >400, Deduct	*-7.01*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*22.51*	
		For Tinted Glass, Add	*11.69*	
		For Reflective Coated Glass, Add	*23.37*	
		For Low-E Coated Glass, Add	*19.48*	
		For Argon Gas, Add	*10.71*	
08 81 23 23-0075	SF	1-3/16" Thick, Laminated Insulating Glass, Field Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 3/8" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	120.31	
		For >50 To 200, Deduct	*-2.84*	
		For >200 To 400, Deduct	*-5.68*	
		For >400, Deduct	*-8.51*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*25.72*	
		For Tinted Glass, Add	*14.19*	
		For Reflective Coated Glass, Add	*28.38*	
		For Low-E Coated Glass, Add	*23.65*	
		For Argon Gas, Add	*13.01*	
08 81 23 23-0076	SF	1-5/16" Thick, Laminated Insulating Glass, Field Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	140.75	
		For >50 To 200, Deduct	*-3.34*	
		For >200 To 400, Deduct	*-6.68*	
		For >400, Deduct	*-10.01*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*29.48*	
		For Tinted Glass, Add	*16.69*	
		For Reflective Coated Glass, Add	*33.38*	
		For Low-E Coated Glass, Add	*27.82*	
		For Argon Gas, Add	*15.30*	
08 81 23 23-0077		Spandrel Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0078		Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass *(08 81 23 23-0077)*		
08 81 23 23-0079	SF	1/4" - 5/16" Spandrel Glass, Up To 1,000 SF, Field Installed Glass	40.12	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.87*	
08 81 23 23-0080	SF	1/4" - 5/16" Spandrel Glass, >1,000 SF, Field Installed Glass	35.34	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.87*	
08 81 23 23-0081		Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass *(08 81 23 23-0077)*		
08 81 23 23-0082		1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass *(08 81 23 23-0081)* Note: Also with aluminum foil vapor barrier.		
08 81 23 23-0083	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation Up To 20,000 SF, Foil Vapor Barrier, Field Installed Glass	45.09	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.87*	
08 81 23 23-0084	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation >20,000 SF, Foil Vapor Barrier, Field Installed Glass	39.68	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.87*	
08 81 23 23-0085		1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass *(08 81 23 23-0081)*		
08 81 23 23-0086	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass	54.48	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.87*	
08 81 23 23-0087	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass	43.86	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.87*	

08 83 Mirrors *(08 80)*

Note: Kind FT, Type I, Class I, Quality Q1.

08 83 13 Mirrored Glass Glazing *(08 83)*

08 83 13 00-0001		Mirror Glass *(08 83 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 83 13 00-0002		One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)*		
08 83 13 00-0003	SF	1/4" One-Way Vision Glass (Transparent Mirrors)	90.09	8.04
		For >50 To 200, Deduct	*-2.23*	
		For >200 To 400, Deduct	*-3.71*	
		For >400, Deduct	*-5.94*	
08 83 13 00-0004		Tempered, One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)*		
08 83 13 00-0005	SF	1/4" Tempered, One-Way Vision Glass (Transparent Mirrors)	126.93	8.04
		For >50 To 200, Deduct	*-3.33*	
		For >200 To 400, Deduct	*-5.55*	
		For >400, Deduct	*-8.88*	
08 83 13 00-0006		Clear Mirror Glass *(08 83 13 00-0001)*		
08 83 13 00-0007	SF	1/8" Clear Mirror Glass	29.35	6.43
		For >50 To 200, Deduct	*-0.49*	
		For >200 To 400, Deduct	*-0.82*	
		For >400, Deduct	*-1.32*	
08 83 13 00-0008	SF	3/16" Clear Mirror Glass	34.75	7.50
		For >50 To 200, Deduct	*-0.60*	
		For >200 To 400, Deduct	*-1.00*	
		For >400, Deduct	*-1.60*	
08 83 13 00-0009	SF	1/4" Clear Mirror Glass	38.14	8.04
		For >50 To 200, Deduct	*-0.67*	
		For >200 To 400, Deduct	*-1.11*	
		For >400, Deduct	*-1.78*	
08 83 13 00-0010		Tempered, Clear Mirror Glass *(08 83 13 00-0001)*		
08 83 13 00-0011	SF	1/8" Tempered, Clear Mirror Glass	49.13	6.43
		For >50 To 200, Deduct	*-1.09*	
		For >200 To 400, Deduct	*-1.81*	
		For >400, Deduct	*-2.90*	
08 83 13 00-0012	SF	3/16" Tempered, Clear Mirror Glass	55.74	7.50
		For >50 To 200, Deduct	*-1.23*	
		For >200 To 400, Deduct	*-2.05*	
		For >400, Deduct	*-3.28*	
08 83 13 00-0013	SF	1/4" Tempered, Clear Mirror Glass	61.54	8.04
		For >50 To 200, Deduct	*-1.37*	
		For >200 To 400, Deduct	*-2.28*	
		For >400, Deduct	*-3.65*	
08 83 13 00-0014		Clear Mirror Glass With Laminated Safety Backing *(08 83 13 00-0001)*		
08 83 13 00-0015	SF	1/4" Clear Mirror Glass With Laminated Safety Backing	39.20	8.04
		For >50 To 200, Deduct	*-0.70*	
		For >200 To 400, Deduct	*-1.17*	
		For >400, Deduct	*-1.87*	
08 83 13 00-0016		Laminated Safety Mirror Glass *(08 83 13 00-0001)*		
		Note: Clear glass laminated to face of mirror with PVB interlayer.		
08 83 13 00-0017	SF	1/4" Laminated Safety Mirror Glass	75.53	8.04
		For >50 To 200, Deduct	*-1.79*	
		For >200 To 400, Deduct	*-2.98*	
		For >400, Deduct	*-4.77*	
08 83 13 00-0018		Accessories For Mirror Glass *(08 83 13)*		
08 83 13 00-0019	LF	1/8" Aluminum J-Channel For Mounting Mirror Glass	5.43	
08 83 13 00-0020	LF	3/16" Aluminum J-Channel For Mounting Mirror Glass	5.55	
08 83 13 00-0021	LF	1/4" Aluminum J-Channel For Mounting Mirror Glass	7.06	
08 83 13 00-0022	LF	Aluminum Frame For Mounting Mirror Glass	9.17	

08 84 Plastic Glazing *(08 80)*

08 84 00 00-0001		Clear Polycarbonate Glazing (GE Lexan) *(08 84)*		
08 84 00 00-0002	SF	1/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	18.45	
		For >50 To 200, Deduct	*-0.42*	
		For >200 To 400, Deduct	*-0.83*	
		For >400, Deduct	*-1.25*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.11*	
08 84 00 00-0003	SF	3/16" Thick, Clear Polycarbonate Glazing (GE Lexan)	19.44	
		For >50 To 200, Deduct	*-0.45*	
		For >200 To 400, Deduct	*-0.89*	
		For >400, Deduct	*-1.34*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0004	SF	1/4" Thick, Clear Polycarbonate Glazing (GE Lexan)	23.03	
		For >50 To 200, Deduct	*-0.61*	
		For >200 To 400, Deduct	*-1.21*	
		For >400, Deduct	*-1.82*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.93*	
08 84 00 00-0005	SF	3/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	32.97	
		For >50 To 200, Deduct	*-1.09*	
		For >200 To 400, Deduct	*-2.17*	
		For >400, Deduct	*-3.26*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.24*	
08 84 00 00-0006	SF	1/2" Thick, Clear Polycarbonate Glazing (GE Lexan)	41.58	
		For >50 To 200, Deduct	*-1.48*	
		For >200 To 400, Deduct	*-2.95*	
		For >400, Deduct	*-4.43*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.05*	
08 84 00 00-0007		**Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)** *(08 84)*		
08 84 00 00-0008	SF	1/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	27.25	
		For >50 To 200, Deduct	*-0.86*	
		For >200 To 400, Deduct	*-1.71*	
		For >400, Deduct	*-2.57*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.11*	
08 84 00 00-0009	SF	3/16" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	31.60	
		For >50 To 200, Deduct	*-1.05*	
		For >200 To 400, Deduct	*-2.11*	
		For >400, Deduct	*-3.16*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.51*	
08 84 00 00-0010	SF	1/4" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	33.37	
		For >50 To 200, Deduct	*-1.12*	
		For >200 To 400, Deduct	*-2.24*	
		For >400, Deduct	*-3.37*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.93*	
08 84 00 00-0011	SF	3/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	54.59	
		For >50 To 200, Deduct	*-2.17*	
		For >200 To 400, Deduct	*-4.34*	
		For >400, Deduct	*-6.50*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.24*	
08 84 00 00-0012	SF	1/2" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	58.00	
		For >50 To 200, Deduct	*-2.30*	
		For >200 To 400, Deduct	*-4.60*	
		For >400, Deduct	*-6.89*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.05*	
08 84 00 00-0013		**Clear Acrylic Glazing (Plexiglas)** *(08 84)*		
08 84 00 00-0014	SF	1/10" Thick, Clear Acrylic Glazing (Plexiglas)	13.03	
		For >50 To 200, Deduct	*-0.17*	
		For >200 To 400, Deduct	*-0.34*	
		For >400, Deduct	*-0.51*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.65*	
		For Colored, Add	*0.68*	
		For Shatterproof, Add	*2.03*	
		For Mirrored, Add	*2.70*	
08 84 00 00-0015	SF	1/8" Thick, Clear Acrylic Glazing (Plexiglas)	13.53	
		For >50 To 200, Deduct	*-0.17*	
		For >200 To 400, Deduct	*-0.34*	
		For >400, Deduct	*-0.51*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.11*	
		For Colored, Add	*0.68*	
		For Shatterproof, Add	*2.05*	
		For Mirrored, Add	*2.74*	
08 84 00 00-0016	SF	3/16" Thick, Clear Acrylic Glazing (Plexiglas)	15.85	
		For >50 To 200, Deduct	*-0.27*	
		For >200 To 400, Deduct	*-0.53*	
		For >400, Deduct	*-0.80*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.51*	
		For Colored, Add	*1.07*	
		For Shatterproof, Add	*3.20*	
		For Mirrored, Add	*4.27*	
08 84 00 00-0017	SF	1/4" Thick, Clear Acrylic Glazing (Plexiglas)	17.97	
		For >50 To 200, Deduct	*-0.35*	
		For >200 To 400, Deduct	*-0.70*	
		For >400, Deduct	*-1.06*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.93*	
		For Colored, Add	*1.41*	
		For Shatterproof, Add	*4.22*	
		For Mirrored, Add	*5.63*	
08 84 00 00-0018	SF	5/16" Thick, Clear Acrylic Glazing (Plexiglas)	18.36	
		For >50 To 200, Deduct	*-0.37*	
		For >200 To 400, Deduct	*-0.74*	
		For >400, Deduct	*-1.11*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.99*	
		For Colored, Add	*1.47*	
		For Shatterproof, Add	*4.42*	
		For Mirrored, Add	*5.90*	

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08 84 00 00-0019	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas)	18.95	
		For >50 To 200, Deduct	*-0.39*	
		For >200 To 400, Deduct	*-0.77*	
		For >400, Deduct	*-1.16*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.24*	
		For Colored, Add	*1.54*	
		For Shatterproof, Add	*4.63*	
		For Mirrored, Add	*6.17*	
08 84 00 00-0020	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas)	22.24	
		For >50 To 200, Deduct	*-0.51*	
		For >200 To 400, Deduct	*-1.02*	
		For >400, Deduct	*-1.53*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.05*	
		For Colored, Add	*2.04*	
		For Shatterproof, Add	*6.11*	
		For Mirrored, Add	*8.15*	
08 84 00 00-0021	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas)	31.13	
		For >50 To 200, Deduct	*-0.79*	
		For >200 To 400, Deduct	*-1.59*	
		For >400, Deduct	*-2.38*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.26*	
08 84 00 00-0022	SF	1" Thick, Clear Acrylic Glazing (Plexiglas)	40.98	
		For >50 To 200, Deduct	*-1.22*	
		For >200 To 400, Deduct	*-2.44*	
		For >400, Deduct	*-3.66*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.57*	

08 85 Glazing Accessories *(08 80)*

Note: Applicable to reglazing tasks only, new window installation includes the gasket.

08 85 00 00-0001 Framing For Glass Windscreens *(08 85)*

Note: Excludes glazing.

08 85 00 00-0002	LF	1-1/4" x 1-1/2" Aluminum Framed Window Walls	41.11	2.09
		For Bronze Anodized Aluminum, Add	*5.30*	
		For Stainless Steel, Add	*21.50*	
		For Black Anodized Finish, Add	*9.55*	
08 85 00 00-0003	LF	1-1/2" x 2" Aluminum Framed Window Walls	51.21	2.61
		For Bronze Anodized Aluminum, Add	*6.74*	
		For Stainless Steel, Add	*27.28*	
		For Black Anodized Finish, Add	*12.13*	
08 85 00 00-0004	LF	1-1/2" x 3" Aluminum Framed Window Walls	61.03	2.09
		For Bronze Anodized Aluminum, Add	*8.06*	
		For Stainless Steel, Add	*32.59*	
		For Black Anodized Finish, Add	*14.50*	
08 85 00 00-0005	LF	1-1/2" x 4" Aluminum Framed Window Walls	73.60	3.13
		For Bronze Anodized Aluminum, Add	*9.63*	
		For Stainless Steel, Add	*38.98*	
		For Black Anodized Finish, Add	*17.33*	
08 85 00 00-0006	LF	2" x 3" Aluminum Framed Window Walls	76.08	2.61
		For Bronze Anodized Aluminum, Add	*10.24*	
		For Stainless Steel, Add	*41.34*	
		For Black Anodized Finish, Add	*18.42*	
08 85 00 00-0007	LF	2" x 4" Aluminum Framed Window Walls	91.96	3.13
		For Bronze Anodized Aluminum, Add	*12.23*	
		For Stainless Steel, Add	*49.43*	
		For Black Anodized Finish, Add	*22.01*	

08 87 Glazing Surface Films *(08 80)*

08 87 13 Solar Control Films *(08 87)*

Note: Applied directly to one side of glazing with adhesive.

08 87 13 00-0001 Window Tinting And Film *(08 87 13)*

Note: Applied directly to one side of glazing with adhesive. Includes cleaning of window glazing prior to installation.

08 87 13 00-0002	SF	20% VLT, Bronze Window Tinting Film	10.33
08 87 13 00-0003	SF	50% VLT, Bronze Window Tinting Film	10.33
08 87 13 00-0004	SF	Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	16.15
08 87 13 00-0005	SF	Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	16.76

08 87 23 Safety and Security Films *(08 87)*

08 87 23 16 Security Films *(08 87 23)*

Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.

08 87 23 16-0001 High Performance, Security And Safety Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0002 Clear, High Performance, Security And Safety Glazing Films *(08 87 23 16-0001)*

08 87 23 16-0003	SF	0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150)	16.43	
		For >1,000 To 5,000, Deduct	*-0.75*	
		For >5,000, Deduct	*-1.08*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 87 23 16-0004	SF	0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400)	17.57	
		For >1,000 To 5,000, Deduct	*-0.79*	
		For >5,000, Deduct	*-1.20*	
08 87 23 16-0005	SF	0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600)	19.16	
		For >1,000 To 5,000, Deduct	*-0.84*	
		For >5,000, Deduct	*-1.36*	
08 87 23 16-0006		Tinted, High Performance Sun/Solar, Security And Safety Glazing Films *(08 87 23 16-0001)*		
08 87 23 16-0007	SF	0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400)	18.83	
		For >1,000 To 5,000, Deduct	*-0.83*	
		For >5,000, Deduct	*-1.32*	
08 87 23 16-0008	SF	0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400)	18.83	
		For >1,000 To 5,000, Deduct	*-0.83*	
		For >5,000, Deduct	*-1.32*	
08 87 23 16-0009	SF	0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400)	18.83	
		For >1,000 To 5,000, Deduct	*-0.83*	
		For >5,000, Deduct	*-1.32*	
08 87 23 16-0010		Security And Safety Glazing Films *(08 87 23 16)*		
		Note: Includes cleaning of window glazing prior to installation.		
08 87 23 16-0011	SF	0.007" Clear Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL)	15.17	
		For >1,000 To 5,000, Deduct	*-0.70*	
		For >5,000, Deduct	*-0.96*	
08 87 23 16-0012	SF	0.008" Clear Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL)	15.47	
		For >1,000 To 5,000, Deduct	*-0.71*	
		For >5,000, Deduct	*-0.99*	
08 87 23 16-0013	SF	0.014" Clear Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL)	18.34	
		For >1,000 To 5,000, Deduct	*-0.81*	
		For >5,000, Deduct	*-1.27*	
08 87 23 16-0014		Anti-Graffiti Glazing Films *(08 87 23 16)*		
		Note: Includes cleaning of window glazing prior to installation.		
08 87 23 16-0015	SF	0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4)	15.17	
		For >1,000 To 5,000, Deduct	*-0.70*	
		For >5,000, Deduct	*-0.96*	
08 87 23 16-0016	SF	0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7)	15.47	
		For >1,000 To 5,000, Deduct	*-0.71*	
		For >5,000, Deduct	*-0.99*	
08 88		**Special Function Glazing** *(08 80)*		
08 88 49		**Radiation-Resistant Glazing** *(08 88)*		
08 88 49 00-0001		Leaded Glass (X-Ray Shielding) *(08 88 49)*		
08 88 49 00-0002	SF	1/4" Thick Lead Glass With 1/16" Lead Equivalence	351.28	
08 88 49 00-0003	SF	1/4" Thick Lead Glass With 1/8" Lead Equivalence	522.91	
08 88 49 00-0004		Leaded Acrylic (X-Ray Shielding) *(08 88 49)*		
08 88 49 00-0005	SF	7mm Thick, 0.3mm LE, 2.3 LB/SF X-Ray Viewing Panels, Clear Lead Plastic	374.32	6.43
08 88 49 00-0006	SF	12mm Thick, 0.5mm LE, 3.9 LB/SF X-Ray Viewing Panels, Clear Lead Plastic	506.33	10.72
08 88 49 00-0007	SF	18mm Thick, 0.8mm LE, 5.9 LB/SF X-Ray Viewing Panels, Clear Lead Plastic	565.52	16.07
08 88 49 00-0008	SF	22mm Thick, 1mm LE, 7.2 LB/SF X-Ray Viewing Panels, Clear Lead Plastic	585.18	19.29
08 88 49 00-0009	SF	35mm Thick, 1.5mm LE, 11.5 LB/SF X-Ray Viewing Panels, Clear Lead Plastic	673.81	30.54
08 88 49 00-0010	SF	46mm Thick, 2mm LE, 15 LB/SF X-Ray Viewing Panels, Clear Lead Plastic	888.12	40.73
08 88 53		**Security Glazing** *(08 88)*		
08 88 53 00-0001		Forced Entry And/Or Ballistic Resistant All Glass Laminate *(08 88 53)*		
08 88 53 00-0002		Ballistic Resistant Glass *(08 88 53 00-0001)*		
08 88 53 00-0003	SF	1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 LB/SF, For A Single Piece, Up To 15 SF	137.29	
		For Glass Removal And Preparing Opening For New Glazing, Add	*66.44*	
08 88 53 00-0004	SF	1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 LB/SF, For A Single Piece, >15 SF	161.29	
		For Glass Removal And Preparing Opening For New Glazing, Add	*66.44*	
08 88 53 00-0005	SF	1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 LB/SF, For A Single Piece, Up To 15 SF	182.95	
		For Glass Removal And Preparing Opening For New Glazing, Add	*75.03*	
08 88 53 00-0006	SF	1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 LB/SF, For A Single Piece, >15 SF	203.00	
		For Glass Removal And Preparing Opening For New Glazing, Add	*75.03*	
08 88 53 00-0007	SF	2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 LB/SF, For A Single Piece, Up To 15 SF	230.71	
		For Glass Removal And Preparing Opening For New Glazing, Add	*85.73*	
08 88 53 00-0008	SF	2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 LB/SF, For A Single Piece, >15 SF	246.82	
		For Glass Removal And Preparing Opening For New Glazing, Add	*85.73*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0009		**Forced Entry Resistant Glass** *(08 88 53 00-0001)*		
08 88 53 00-0010	SF	5/16" Forced Entry Resistant Laminated Glass Sheet	50.73	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.74*	
08 88 53 00-0011	SF	1/2" Forced Entry Resistant Laminated Glass Sheet	57.60	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.87*	
08 88 53 00-0012	SF	11/16" Forced Entry Resistant Laminated Glass Sheet	65.70	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.14*	
08 88 53 00-0013	SF	7/8" Forced Entry Resistant Laminated Glass Sheet	79.50	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.61*	
08 88 53 00-0014		**Glass Clad Polycarbonate** *(08 88 53)*		
08 88 53 00-0015	SF	0.75" Ballistic Resistant Glass/Poly, 7.84 LB/SF	200.95	
		For Glass Removal And Preparing Opening For New Glazing, Add	*81.45*	
08 88 53 00-0016	SF	0.8125" Ballistic Resistant Glass/Poly, 8.99 LB/SF	224.68	
		For Glass Removal And Preparing Opening For New Glazing, Add	*94.32*	
08 88 53 00-0017	SF	0.9375" Ballistic Resistant Glass/Poly, 11.11 LB/SF	287.19	
		For Glass Removal And Preparing Opening For New Glazing, Add	*107.17*	
08 88 53 00-0018		**Ballistic Resistant Acrylic** *(08 88 53)*		
08 88 53 00-0019	SF	1.25" Ballistic Resistant Acrylic Glass, 7.7 LB/SF	345.27	
		For Glass Removal And Preparing Opening For New Glazing, Add	*81.45*	
08 88 53 00-0020	SF	1.378" Ballistic Resistant Acrylic Glass, 8.5 LB/SF	404.70	
		For Glass Removal And Preparing Opening For New Glazing, Add	*94.32*	
08 88 53 00-0021	SF	1.25" Ballistic Resistant Acrylic Glass, 7.5 LB/SF	541.70	
		For Glass Removal And Preparing Opening For New Glazing, Add	*107.17*	
08 88 53 00-0022		**Ballistic Resistant Fiberglass** *(08 88 53)*		
08 88 53 00-0023	SF	5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 LB/SF	84.80	
		For Glass Removal And Preparing Opening For New Glazing, Add	*40.73*	
08 88 53 00-0024	SF	3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 LB/SF	100.32	
		For Glass Removal And Preparing Opening For New Glazing, Add	*47.15*	
08 88 53 00-0025	SF	7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 LB/SF	113.80	
		For Glass Removal And Preparing Opening For New Glazing, Add	*53.59*	
08 88 53 00-0026		**Forced Entry And/Or Ballistic Resistant Polycarbonate** *(08 88 53)*		
08 88 53 00-0027		**Forced Entry Resistant Monolithic Polycarbonate** *(08 88 53 00-0026)*		
		Note: GE-Lexan MR10.		
08 88 53 00-0028	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01	116.47	
		Note: Level 1 or ASTM F1233, Class II (Step 5).		
		For Glass Removal And Preparing Opening For New Glazing, Add	*64.95*	
08 88 53 00-0029		**Forced Entry Resistant Glass Clad Polycarbonate Laminate** *(08 88 53 00-0026)*		
		Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0030	SF	9/16" Overall Nominal Thickness, H.P. White TP-0500.01	143.99	
		For Glass Removal And Preparing Opening For New Glazing, Add	*80.38*	
08 88 53 00-0031		**Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)*		
		Note: GE-Lexgard MPC-500.		
08 88 53 00-0032	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01	177.54	
		Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15).		
		For Glass Removal And Preparing Opening For New Glazing, Add	*85.73*	
08 88 53 00-0033		**Fire Resistant, Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)*		
		Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Firegard.		
08 88 53 00-0034	SF	7/8" Overall Nominal Thickness, H.P. White TP-0500.01	194.72	
		Note: UL-9 Fire Resistant.		
		For Glass Removal And Preparing Opening For New Glazing, Add	*91.10*	
08 88 53 00-0035		**Insulated, Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)*		
		Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0036	SF	1-5/16" Overall Nominal Thickness, H.P. White TP-0500.01	166.73	
		Note: Level I (1/4" tempered float glass, 1/2" airspace).		
		For Glass Removal And Preparing Opening For New Glazing, Add	*80.38*	
08 88 53 00-0037		**Ballistic And Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)*		
08 88 53 00-0038	SF	1" Nominal Thickness, Ballistic Or Forced Entry Resistant	384.99	
		Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun).		
		For Glass Removal And Preparing Opening For New Glazing, Add	*177.90*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0039	SF	1-1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun).	389.88	
		For Glass Removal And Preparing Opening For New Glazing, Add	*177.90*	
08 88 53 00-0040		Ballistic Resistant Glass Clad Polycarbonate Laminate *(08 88 53 00-0026)* Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core.		
08 88 53 00-0041	SF	1-5/16" Overall Nominal Thickness, Ballistic Resistant Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard).	256.17	
		For Glass Removal And Preparing Opening For New Glazing, Add	*120.03*	

08 90 Louvers and Vents *(08)*

08 91 Louvers *(08 90)*

08 91 13 Motorized Wall Louvers *(08 91)*

08 91 13 00-0001		Motorized Wall Louver Actuator *(08 91 13)* See CSI section 08 91 16 00-0001 for adjustable intake wall louvers.		
08 91 13 00-0002	EA	115 Volt Actuator For Adjustable Intake Louver	1,849.14	92.00
08 91 13 00-0003	EA	230 Volt Actuator For Adjustable Intake Louver	2,866.83	92.00
08 91 13 00-0004	EA	24 Volt Actuator For Adjustable Intake Louver	1,994.20	92.00
08 91 13 00-0005	EA	115 Volt Hazardous Location Actuator For Adjustable Intake Louver	7,967.72	92.00

08 91 16 Operable Wall Louvers *(08 91)*

08 91 16 00-0001		Adjustable Intake Wall Louvers *(08 91 16)* See CSI section 08 91 16 00-0137 for adjustable intake wall louver operators.		
08 91 16 00-0002	EA	12" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	514.49	24.36
		For Flange Frame, Add	*46.58*	
		For Clear Lacquer Finish, Add	*93.16*	
		For Baked Enamel Standard Colors, Add	*139.73*	
		For Anodized Finish, Add	*186.31*	
		For Kynar® Standard Colors Finish, Add	*256.18*	
08 91 16 00-0003	EA	12" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	643.18	29.77
		For Flange Frame, Add	*58.36*	
		For Clear Lacquer Finish, Add	*116.73*	
		For Baked Enamel Standard Colors, Add	*175.09*	
		For Anodized Finish, Add	*233.46*	
		For Kynar® Standard Colors Finish, Add	*321.00*	
08 91 16 00-0004	EA	12" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	760.52	35.18
		For Flange Frame, Add	*69.02*	
		For Clear Lacquer Finish, Add	*138.03*	
		For Baked Enamel Standard Colors, Add	*207.05*	
		For Anodized Finish, Add	*276.07*	
		For Kynar® Standard Colors Finish, Add	*379.59*	
08 91 16 00-0005	EA	12" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	890.34	40.59
		For Flange Frame, Add	*80.92*	
		For Clear Lacquer Finish, Add	*161.83*	
		For Baked Enamel Standard Colors, Add	*242.75*	
		For Anodized Finish, Add	*323.66*	
		For Kynar® Standard Colors Finish, Add	*445.04*	
08 91 16 00-0006	EA	12" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,003.16	46.01
		For Flange Frame, Add	*91.12*	
		For Clear Lacquer Finish, Add	*182.23*	
		For Baked Enamel Standard Colors, Add	*273.35*	
		For Anodized Finish, Add	*364.46*	
		For Kynar® Standard Colors Finish, Add	*501.14*	
08 91 16 00-0007	EA	12" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,185.11	51.42
		For Flange Frame, Add	*108.23*	
		For Clear Lacquer Finish, Add	*216.46*	
		For Baked Enamel Standard Colors, Add	*324.68*	
		For Anodized Finish, Add	*432.91*	
		For Kynar® Standard Colors Finish, Add	*595.25*	
08 91 16 00-0008	EA	12" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,351.20	56.83
		For Flange Frame, Add	*123.75*	
		For Clear Lacquer Finish, Add	*247.51*	
		For Baked Enamel Standard Colors, Add	*371.26*	
		For Anodized Finish, Add	*495.02*	
		For Kynar® Standard Colors Finish, Add	*680.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0009	EA	12" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,500.03	64.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*137.01*	
		For Clear Lacquer Finish, Add	*274.03*	
		For Baked Enamel Standard Colors, Add	*411.04*	
		For Anodized Finish, Add	*548.06*	
		For Kynar® Standard Colors Finish, Add	*753.58*	
08 91 16 00-0010	EA	12" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,600.38	70.35
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*145.97*	
		For Clear Lacquer Finish, Add	*291.93*	
		For Baked Enamel Standard Colors, Add	*437.90*	
		For Anodized Finish, Add	*583.86*	
		For Kynar® Standard Colors Finish, Add	*802.81*	
08 91 16 00-0011	EA	12" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	1,726.80	75.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*157.53*	
		For Clear Lacquer Finish, Add	*315.05*	
		For Baked Enamel Standard Colors, Add	*472.58*	
		For Anodized Finish, Add	*630.10*	
		For Kynar® Standard Colors Finish, Add	*866.39*	
08 91 16 00-0012	EA	12" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	1,837.36	81.18
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*167.50*	
		For Clear Lacquer Finish, Add	*335.00*	
		For Baked Enamel Standard Colors, Add	*502.50*	
		For Anodized Finish, Add	*670.00*	
		For Kynar® Standard Colors Finish, Add	*921.24*	
08 91 16 00-0013	EA	12" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	1,979.64	86.59
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*180.65*	
		For Clear Lacquer Finish, Add	*361.29*	
		For Baked Enamel Standard Colors, Add	*541.94*	
		For Anodized Finish, Add	*722.58*	
		For Kynar® Standard Colors Finish, Add	*993.55*	
08 91 16 00-0014	EA	12" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	2,116.26	92.00
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*193.22*	
		For Clear Lacquer Finish, Add	*386.45*	
		For Baked Enamel Standard Colors, Add	*579.67*	
		For Anodized Finish, Add	*772.90*	
		For Kynar® Standard Colors Finish, Add	*1,062.73*	
08 91 16 00-0015	EA	12" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	2,285.50	100.12
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*208.52*	
		For Clear Lacquer Finish, Add	*417.05*	
		For Baked Enamel Standard Colors, Add	*625.57*	
		For Anodized Finish, Add	*834.10*	
		For Kynar® Standard Colors Finish, Add	*1,146.88*	
08 91 16 00-0016	EA	12" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	2,409.39	108.24
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*219.29*	
		For Clear Lacquer Finish, Add	*438.58*	
		For Baked Enamel Standard Colors, Add	*657.87*	
		For Anodized Finish, Add	*877.16*	
		For Kynar® Standard Colors Finish, Add	*1,206.10*	
08 91 16 00-0017	EA	18" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	576.32	29.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*51.68*	
		For Clear Lacquer Finish, Add	*103.36*	
		For Baked Enamel Standard Colors, Add	*155.03*	
		For Anodized Finish, Add	*206.71*	
		For Kynar® Standard Colors Finish, Add	*284.23*	
08 91 16 00-0018	EA	18" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	727.41	37.89
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*65.16*	
		For Clear Lacquer Finish, Add	*130.33*	
		For Baked Enamel Standard Colors, Add	*195.49*	
		For Anodized Finish, Add	*260.66*	
		For Kynar® Standard Colors Finish, Add	*358.40*	
08 91 16 00-0019	EA	18" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	853.82	43.30
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*76.72*	
		For Clear Lacquer Finish, Add	*153.45*	
		For Baked Enamel Standard Colors, Add	*230.17*	
		For Anodized Finish, Add	*306.89*	
		For Kynar® Standard Colors Finish, Add	*421.98*	
08 91 16 00-0020	EA	18" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,062.46	54.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*95.42*	
		For Clear Lacquer Finish, Add	*190.84*	
		For Baked Enamel Standard Colors, Add	*286.27*	
		For Anodized Finish, Add	*381.69*	
		For Kynar® Standard Colors Finish, Add	*524.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0021	EA	18" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,209.29	59.54
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*109.02*	
		For Clear Lacquer Finish, Add	*218.04*	
		For Baked Enamel Standard Colors, Add	*327.07*	
		For Anodized Finish, Add	*436.09*	
		For Kynar® Standard Colors Finish, Add	*599.62*	
08 91 16 00-0022	EA	18" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,356.10	64.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*122.62*	
		For Clear Lacquer Finish, Add	*245.24*	
		For Baked Enamel Standard Colors, Add	*367.86*	
		For Anodized Finish, Add	*490.48*	
		For Kynar® Standard Colors Finish, Add	*674.42*	
08 91 16 00-0023	EA	18" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,532.39	70.35
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*139.17*	
		For Clear Lacquer Finish, Add	*278.33*	
		For Baked Enamel Standard Colors, Add	*417.50*	
		For Anodized Finish, Add	*556.67*	
		For Kynar® Standard Colors Finish, Add	*765.42*	
08 91 16 00-0024	EA	18" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,699.35	78.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*154.24*	
		For Clear Lacquer Finish, Add	*308.48*	
		For Baked Enamel Standard Colors, Add	*462.72*	
		For Anodized Finish, Add	*616.96*	
		For Kynar® Standard Colors Finish, Add	*848.31*	
08 91 16 00-0025	EA	18" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,832.31	86.59
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*165.91*	
		For Clear Lacquer Finish, Add	*331.82*	
		For Baked Enamel Standard Colors, Add	*497.74*	
		For Anodized Finish, Add	*663.65*	
		For Kynar® Standard Colors Finish, Add	*912.52*	
08 91 16 00-0026	EA	18" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	1,961.00	92.00
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*177.70*	
		For Clear Lacquer Finish, Add	*355.40*	
		For Baked Enamel Standard Colors, Add	*533.09*	
		For Anodized Finish, Add	*710.79*	
		For Kynar® Standard Colors Finish, Add	*977.34*	
08 91 16 00-0027	EA	18" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	2,081.76	97.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*188.69*	
		For Clear Lacquer Finish, Add	*377.38*	
		For Baked Enamel Standard Colors, Add	*566.07*	
		For Anodized Finish, Add	*754.76*	
		For Kynar® Standard Colors Finish, Add	*1,037.80*	
08 91 16 00-0028	EA	18" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	2,238.77	102.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*203.31*	
		For Clear Lacquer Finish, Add	*406.62*	
		For Baked Enamel Standard Colors, Add	*609.93*	
		For Anodized Finish, Add	*813.24*	
		For Kynar® Standard Colors Finish, Add	*1,118.21*	
08 91 16 00-0029	EA	18" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	2,390.12	108.24
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*217.36*	
		For Clear Lacquer Finish, Add	*434.73*	
		For Baked Enamel Standard Colors, Add	*652.09*	
		For Anodized Finish, Add	*869.45*	
		For Kynar® Standard Colors Finish, Add	*1,195.50*	
08 91 16 00-0030	EA	18" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	2,574.08	116.36
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*234.14*	
		For Clear Lacquer Finish, Add	*468.27*	
		For Baked Enamel Standard Colors, Add	*702.41*	
		For Anodized Finish, Add	*936.54*	
		For Kynar® Standard Colors Finish, Add	*1,287.75*	
08 91 16 00-0031	EA	18" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	2,712.71	124.48
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*246.38*	
		For Clear Lacquer Finish, Add	*492.75*	
		For Baked Enamel Standard Colors, Add	*739.13*	
		For Anodized Finish, Add	*985.50*	
		For Kynar® Standard Colors Finish, Add	*1,355.06*	
08 91 16 00-0032	EA	24" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	643.79	35.18
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*57.34*	
		For Clear Lacquer Finish, Add	*114.69*	
		For Baked Enamel Standard Colors, Add	*172.03*	
		For Anodized Finish, Add	*229.38*	
		For Kynar® Standard Colors Finish, Add	*315.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0033	EA	24" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	817.56	43.30
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*73.10*	
		For Clear Lacquer Finish, Add	*146.19*	
		For Baked Enamel Standard Colors, Add	*219.29*	
		For Anodized Finish, Add	*292.39*	
		For Kynar® Standard Colors Finish, Add	*402.03*	
08 91 16 00-0034	EA	24" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,013.99	51.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*91.12*	
		For Clear Lacquer Finish, Add	*182.23*	
		For Baked Enamel Standard Colors, Add	*273.35*	
		For Anodized Finish, Add	*364.46*	
		For Kynar® Standard Colors Finish, Add	*501.14*	
08 91 16 00-0035	EA	24" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,195.43	62.25
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*107.10*	
		For Clear Lacquer Finish, Add	*214.19*	
		For Baked Enamel Standard Colors, Add	*321.29*	
		For Anodized Finish, Add	*428.38*	
		For Kynar® Standard Colors Finish, Add	*589.02*	
08 91 16 00-0036	EA	24" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,356.99	67.66
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*122.17*	
		For Clear Lacquer Finish, Add	*244.34*	
		For Baked Enamel Standard Colors, Add	*366.50*	
		For Anodized Finish, Add	*488.67*	
		For Kynar® Standard Colors Finish, Add	*671.92*	
08 91 16 00-0037	EA	24" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,527.60	73.06
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*138.15*	
		For Clear Lacquer Finish, Add	*276.29*	
		For Baked Enamel Standard Colors, Add	*414.44*	
		For Anodized Finish, Add	*552.59*	
		For Kynar® Standard Colors Finish, Add	*759.81*	
08 91 16 00-0038	EA	24" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,737.63	81.18
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*157.53*	
		For Clear Lacquer Finish, Add	*315.05*	
		For Baked Enamel Standard Colors, Add	*472.58*	
		For Anodized Finish, Add	*630.10*	
		For Kynar® Standard Colors Finish, Add	*866.39*	
08 91 16 00-0039	EA	24" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,913.41	92.00
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*172.94*	
		For Clear Lacquer Finish, Add	*345.88*	
		For Baked Enamel Standard Colors, Add	*518.82*	
		For Anodized Finish, Add	*691.76*	
		For Kynar® Standard Colors Finish, Add	*951.16*	
08 91 16 00-0040	EA	24" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	2,051.16	97.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*185.63*	
		For Clear Lacquer Finish, Add	*371.26*	
		For Baked Enamel Standard Colors, Add	*556.89*	
		For Anodized Finish, Add	*742.52*	
		For Kynar® Standard Colors Finish, Add	*1,020.97*	
08 91 16 00-0041	EA	24" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	2,199.73	108.24
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*198.32*	
		For Clear Lacquer Finish, Add	*396.65*	
		For Baked Enamel Standard Colors, Add	*594.97*	
		For Anodized Finish, Add	*793.30*	
		For Kynar® Standard Colors Finish, Add	*1,090.78*	
08 91 16 00-0042	EA	24" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	2,339.74	113.66
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*211.24*	
		For Clear Lacquer Finish, Add	*422.49*	
		For Baked Enamel Standard Colors, Add	*633.73*	
		For Anodized Finish, Add	*844.97*	
		For Kynar® Standard Colors Finish, Add	*1,161.84*	
08 91 16 00-0043	EA	24" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	2,530.77	119.07
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*229.26*	
		For Clear Lacquer Finish, Add	*458.53*	
		For Baked Enamel Standard Colors, Add	*687.79*	
		For Anodized Finish, Add	*917.05*	
		For Kynar® Standard Colors Finish, Add	*1,260.95*	
08 91 16 00-0044	EA	24" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	2,692.31	124.48
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*244.34*	
		For Clear Lacquer Finish, Add	*488.67*	
		For Baked Enamel Standard Colors, Add	*733.01*	
		For Anodized Finish, Add	*977.34*	
		For Kynar® Standard Colors Finish, Add	*1,343.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0045	EA	24" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	2,895.54	132.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*263.03*	
		For Clear Lacquer Finish, Add	*526.07*	
		For Baked Enamel Standard Colors, Add	*789.10*	
		For Anodized Finish, Add	*1,052.14*	
		For Kynar® Standard Colors Finish, Add	*1,446.69*	
08 91 16 00-0046	EA	24" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	3,044.38	140.72
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*276.29*	
		For Clear Lacquer Finish, Add	*552.59*	
		For Baked Enamel Standard Colors, Add	*828.88*	
		For Anodized Finish, Add	*1,105.18*	
		For Kynar® Standard Colors Finish, Add	*1,519.62*	
08 91 16 00-0047	EA	30" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	716.95	40.59
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*63.58*	
		For Clear Lacquer Finish, Add	*127.15*	
		For Baked Enamel Standard Colors, Add	*190.73*	
		For Anodized Finish, Add	*254.31*	
		For Kynar® Standard Colors Finish, Add	*349.67*	
08 91 16 00-0048	EA	30" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	954.80	54.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*84.66*	
		For Clear Lacquer Finish, Add	*169.31*	
		For Baked Enamel Standard Colors, Add	*253.97*	
		For Anodized Finish, Add	*338.62*	
		For Kynar® Standard Colors Finish, Add	*465.61*	
08 91 16 00-0049	EA	30" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,134.23	62.25
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*100.98*	
		For Clear Lacquer Finish, Add	*201.95*	
		For Baked Enamel Standard Colors, Add	*302.93*	
		For Anodized Finish, Add	*403.90*	
		For Kynar® Standard Colors Finish, Add	*555.36*	
08 91 16 00-0050	EA	30" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,330.66	70.35
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*118.99*	
		For Clear Lacquer Finish, Add	*237.99*	
		For Baked Enamel Standard Colors, Add	*356.98*	
		For Anodized Finish, Add	*475.98*	
		For Kynar® Standard Colors Finish, Add	*654.47*	
08 91 16 00-0051	EA	30" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,506.94	75.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*135.54*	
		For Clear Lacquer Finish, Add	*271.08*	
		For Baked Enamel Standard Colors, Add	*406.62*	
		For Anodized Finish, Add	*542.16*	
		For Kynar® Standard Colors Finish, Add	*745.47*	
08 91 16 00-0052	EA	30" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,688.64	83.89
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*152.09*	
		For Clear Lacquer Finish, Add	*304.17*	
		For Baked Enamel Standard Colors, Add	*456.26*	
		For Anodized Finish, Add	*608.34*	
		For Kynar® Standard Colors Finish, Add	*836.47*	
08 91 16 00-0053	EA	30" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,908.00	89.30
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*172.94*	
		For Clear Lacquer Finish, Add	*345.88*	
		For Baked Enamel Standard Colors, Add	*518.82*	
		For Anodized Finish, Add	*691.76*	
		For Kynar® Standard Colors Finish, Add	*951.16*	
08 91 16 00-0054	EA	30" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	2,094.23	97.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*189.94*	
		For Clear Lacquer Finish, Add	*379.88*	
		For Baked Enamel Standard Colors, Add	*569.81*	
		For Anodized Finish, Add	*759.75*	
		For Kynar® Standard Colors Finish, Add	*1,044.66*	
08 91 16 00-0055	EA	30" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	2,247.84	102.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*204.22*	
		For Clear Lacquer Finish, Add	*408.43*	
		For Baked Enamel Standard Colors, Add	*612.65*	
		For Anodized Finish, Add	*816.87*	
		For Kynar® Standard Colors Finish, Add	*1,123.19*	
08 91 16 00-0056	EA	30" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	2,414.54	113.66
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*218.72*	
		For Clear Lacquer Finish, Add	*437.45*	
		For Baked Enamel Standard Colors, Add	*656.17*	
		For Anodized Finish, Add	*874.89*	
		For Kynar® Standard Colors Finish, Add	*1,202.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0057	EA	30" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,574.71	121.77
		For Flange Frame, Add	*233.12*	
		For Clear Lacquer Finish, Add	*466.23*	
		For Baked Enamel Standard Colors, Add	*699.35*	
		For Anodized Finish, Add	*932.46*	
		For Kynar® Standard Colors Finish, Add	*1,282.14*	
08 91 16 00-0058	EA	30" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,778.18	127.19
		For Flange Frame, Add	*252.38*	
		For Clear Lacquer Finish, Add	*504.76*	
		For Baked Enamel Standard Colors, Add	*757.14*	
		For Anodized Finish, Add	*1,009.52*	
		For Kynar® Standard Colors Finish, Add	*1,388.10*	
08 91 16 00-0059	EA	30" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,954.47	132.60
		For Flange Frame, Add	*268.93*	
		For Clear Lacquer Finish, Add	*537.85*	
		For Baked Enamel Standard Colors, Add	*806.78*	
		For Anodized Finish, Add	*1,075.71*	
		For Kynar® Standard Colors Finish, Add	*1,479.10*	
08 91 16 00-0060	EA	30" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,167.90	140.72
		For Flange Frame, Add	*288.65*	
		For Clear Lacquer Finish, Add	*577.29*	
		For Baked Enamel Standard Colors, Add	*865.94*	
		For Anodized Finish, Add	*1,154.58*	
		For Kynar® Standard Colors Finish, Add	*1,587.55*	
08 91 16 00-0061	EA	30" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,337.14	148.84
		For Flange Frame, Add	*303.95*	
		For Clear Lacquer Finish, Add	*607.89*	
		For Baked Enamel Standard Colors, Add	*911.84*	
		For Anodized Finish, Add	*1,215.78*	
		For Kynar® Standard Colors Finish, Add	*1,671.70*	
08 91 16 00-0062	EA	36" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	784.43	46.01
		For Flange Frame, Add	*69.24*	
		For Clear Lacquer Finish, Add	*138.49*	
		For Baked Enamel Standard Colors, Add	*207.73*	
		For Anodized Finish, Add	*276.97*	
		For Kynar® Standard Colors Finish, Add	*380.84*	
08 91 16 00-0063	EA	36" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,063.09	59.54
		For Flange Frame, Add	*94.40*	
		For Clear Lacquer Finish, Add	*188.80*	
		For Baked Enamel Standard Colors, Add	*283.21*	
		For Anodized Finish, Add	*377.61*	
		For Kynar® Standard Colors Finish, Add	*519.21*	
08 91 16 00-0064	EA	36" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,243.66	67.66
		For Flange Frame, Add	*110.84*	
		For Clear Lacquer Finish, Add	*221.67*	
		For Baked Enamel Standard Colors, Add	*332.51*	
		For Anodized Finish, Add	*443.34*	
		For Kynar® Standard Colors Finish, Add	*609.59*	
08 91 16 00-0065	EA	36" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,459.35	75.77
		For Flange Frame, Add	*130.78*	
		For Clear Lacquer Finish, Add	*261.56*	
		For Baked Enamel Standard Colors, Add	*392.34*	
		For Anodized Finish, Add	*523.12*	
		For Kynar® Standard Colors Finish, Add	*719.30*	
08 91 16 00-0066	EA	36" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,659.33	82.26
		For Flange Frame, Add	*149.48*	
		For Clear Lacquer Finish, Add	*298.96*	
		For Baked Enamel Standard Colors, Add	*448.44*	
		For Anodized Finish, Add	*597.92*	
		For Kynar® Standard Colors Finish, Add	*822.14*	
08 91 16 00-0067	EA	36" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,846.80	89.30
		For Flange Frame, Add	*166.82*	
		For Clear Lacquer Finish, Add	*333.64*	
		For Baked Enamel Standard Colors, Add	*500.46*	
		For Anodized Finish, Add	*667.28*	
		For Kynar® Standard Colors Finish, Add	*917.50*	
08 91 16 00-0068	EA	36" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,092.21	94.71
		For Flange Frame, Add	*190.28*	
		For Clear Lacquer Finish, Add	*380.56*	
		For Baked Enamel Standard Colors, Add	*570.83*	
		For Anodized Finish, Add	*761.11*	
		For Kynar® Standard Colors Finish, Add	*1,046.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0069	EA	36" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	2,302.24	102.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*209.66*	
		For Clear Lacquer Finish, Add	*419.31*	
		For Baked Enamel Standard Colors, Add	*628.97*	
		For Anodized Finish, Add	*838.63*	
		For Kynar® Standard Colors Finish, Add	*1,153.11*	
08 91 16 00-0070	EA	36" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	2,472.59	110.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*225.07*	
		For Clear Lacquer Finish, Add	*450.14*	
		For Baked Enamel Standard Colors, Add	*675.21*	
		For Anodized Finish, Add	*900.28*	
		For Kynar® Standard Colors Finish, Add	*1,237.88*	
08 91 16 00-0071	EA	36" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	2,647.49	119.07
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*240.94*	
		For Clear Lacquer Finish, Add	*481.87*	
		For Baked Enamel Standard Colors, Add	*722.81*	
		For Anodized Finish, Add	*963.74*	
		For Kynar® Standard Colors Finish, Add	*1,325.14*	
08 91 16 00-0072	EA	36" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	2,828.05	127.19
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*257.37*	
		For Clear Lacquer Finish, Add	*514.74*	
		For Baked Enamel Standard Colors, Add	*772.10*	
		For Anodized Finish, Add	*1,029.47*	
		For Kynar® Standard Colors Finish, Add	*1,415.52*	
08 91 16 00-0073	EA	36" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	3,050.80	132.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*278.56*	
		For Clear Lacquer Finish, Add	*557.12*	
		For Baked Enamel Standard Colors, Add	*835.68*	
		For Anodized Finish, Add	*1,114.24*	
		For Kynar® Standard Colors Finish, Add	*1,532.08*	
08 91 16 00-0074	EA	36" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	3,240.68	138.01
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*296.47*	
		For Clear Lacquer Finish, Add	*592.93*	
		For Baked Enamel Standard Colors, Add	*889.40*	
		For Anodized Finish, Add	*1,185.86*	
		For Kynar® Standard Colors Finish, Add	*1,630.56*	
08 91 16 00-0075	EA	36" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	3,482.44	146.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*319.02*	
		For Clear Lacquer Finish, Add	*638.04*	
		For Baked Enamel Standard Colors, Add	*957.05*	
		For Anodized Finish, Add	*1,276.07*	
		For Kynar® Standard Colors Finish, Add	*1,754.60*	
08 91 16 00-0076	EA	36" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	3,661.88	154.25
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*335.34*	
		For Clear Lacquer Finish, Add	*670.68*	
		For Baked Enamel Standard Colors, Add	*1,006.01*	
		For Anodized Finish, Add	*1,341.35*	
		For Kynar® Standard Colors Finish, Add	*1,844.36*	
08 91 16 00-0077	EA	42" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	898.39	51.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*79.56*	
		For Clear Lacquer Finish, Add	*159.11*	
		For Baked Enamel Standard Colors, Add	*238.67*	
		For Anodized Finish, Add	*318.22*	
		For Kynar® Standard Colors Finish, Add	*437.56*	
08 91 16 00-0078	EA	42" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	1,146.44	64.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*101.66*	
		For Clear Lacquer Finish, Add	*203.31*	
		For Baked Enamel Standard Colors, Add	*304.97*	
		For Anodized Finish, Add	*406.62*	
		For Kynar® Standard Colors Finish, Add	*559.10*	
08 91 16 00-0079	EA	42" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,347.41	73.06
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*120.13*	
		For Clear Lacquer Finish, Add	*240.26*	
		For Baked Enamel Standard Colors, Add	*360.38*	
		For Anodized Finish, Add	*480.51*	
		For Kynar® Standard Colors Finish, Add	*660.70*	
08 91 16 00-0080	EA	42" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,576.45	83.89
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*140.87*	
		For Clear Lacquer Finish, Add	*281.73*	
		For Baked Enamel Standard Colors, Add	*422.60*	
		For Anodized Finish, Add	*563.47*	
		For Kynar® Standard Colors Finish, Add	*774.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0081	EA	42" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,790.13	89.30
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*161.15*	
		For Clear Lacquer Finish, Add	*322.30*	
		For Baked Enamel Standard Colors, Add	*483.46*	
		For Anodized Finish, Add	*644.61*	
		For Kynar® Standard Colors Finish, Add	*886.34*	
08 91 16 00-0082	EA	42" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,992.48	94.71
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*180.31*	
		For Clear Lacquer Finish, Add	*360.61*	
		For Baked Enamel Standard Colors, Add	*540.92*	
		For Anodized Finish, Add	*721.22*	
		For Kynar® Standard Colors Finish, Add	*991.68*	
08 91 16 00-0083	EA	42" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	2,259.43	100.12
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*205.92*	
		For Clear Lacquer Finish, Add	*411.83*	
		For Baked Enamel Standard Colors, Add	*617.75*	
		For Anodized Finish, Add	*823.67*	
		For Kynar® Standard Colors Finish, Add	*1,132.54*	
08 91 16 00-0084	EA	42" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	2,472.85	108.24
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*225.64*	
		For Clear Lacquer Finish, Add	*451.27*	
		For Baked Enamel Standard Colors, Add	*676.91*	
		For Anodized Finish, Add	*902.54*	
		For Kynar® Standard Colors Finish, Add	*1,241.00*	
08 91 16 00-0085	EA	42" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	2,664.74	116.36
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*243.20*	
		For Clear Lacquer Finish, Add	*486.40*	
		For Baked Enamel Standard Colors, Add	*729.61*	
		For Anodized Finish, Add	*972.81*	
		For Kynar® Standard Colors Finish, Add	*1,337.61*	
08 91 16 00-0086	EA	42" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	2,844.17	124.48
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*259.52*	
		For Clear Lacquer Finish, Add	*519.04*	
		For Baked Enamel Standard Colors, Add	*778.56*	
		For Anodized Finish, Add	*1,038.08*	
		For Kynar® Standard Colors Finish, Add	*1,427.37*	
08 91 16 00-0087	EA	42" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	3,040.60	132.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*277.54*	
		For Clear Lacquer Finish, Add	*555.08*	
		For Baked Enamel Standard Colors, Add	*832.62*	
		For Anodized Finish, Add	*1,110.16*	
		For Kynar® Standard Colors Finish, Add	*1,526.47*	
08 91 16 00-0088	EA	42" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	3,280.35	138.01
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*300.43*	
		For Clear Lacquer Finish, Add	*600.87*	
		For Baked Enamel Standard Colors, Add	*901.30*	
		For Anodized Finish, Add	*1,201.73*	
		For Kynar® Standard Colors Finish, Add	*1,652.38*	
08 91 16 00-0089	EA	42" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	3,488.37	143.43
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*320.15*	
		For Clear Lacquer Finish, Add	*640.30*	
		For Baked Enamel Standard Colors, Add	*960.46*	
		For Anodized Finish, Add	*1,280.61*	
		For Kynar® Standard Colors Finish, Add	*1,760.84*	
08 91 16 00-0090	EA	42" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	3,759.59	151.54
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*345.65*	
		For Clear Lacquer Finish, Add	*691.30*	
		For Baked Enamel Standard Colors, Add	*1,036.95*	
		For Anodized Finish, Add	*1,382.60*	
		For Kynar® Standard Colors Finish, Add	*1,901.08*	
08 91 16 00-0091	EA	42" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	3,946.96	159.66
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*362.76*	
		For Clear Lacquer Finish, Add	*725.53*	
		For Baked Enamel Standard Colors, Add	*1,088.29*	
		For Anodized Finish, Add	*1,451.05*	
		For Kynar® Standard Colors Finish, Add	*1,995.20*	
08 91 16 00-0092	EA	48" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	971.55	56.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*85.79*	
		For Clear Lacquer Finish, Add	*171.58*	
		For Baked Enamel Standard Colors, Add	*257.37*	
		For Anodized Finish, Add	*343.16*	
		For Kynar® Standard Colors Finish, Add	*471.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0093	EA	48" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	1,235.47	70.35
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*109.48*	
		For Clear Lacquer Finish, Add	*218.95*	
		For Baked Enamel Standard Colors, Add	*328.43*	
		For Anodized Finish, Add	*437.90*	
		For Kynar® Standard Colors Finish, Add	*602.11*	
08 91 16 00-0094	EA	48" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,463.38	81.18
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*130.10*	
		For Clear Lacquer Finish, Add	*260.20*	
		For Baked Enamel Standard Colors, Add	*390.30*	
		For Anodized Finish, Add	*520.40*	
		For Kynar® Standard Colors Finish, Add	*715.56*	
08 91 16 00-0095	EA	48" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,699.47	89.30
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*152.09*	
		For Clear Lacquer Finish, Add	*304.17*	
		For Baked Enamel Standard Colors, Add	*456.26*	
		For Anodized Finish, Add	*608.34*	
		For Kynar® Standard Colors Finish, Add	*836.47*	
08 91 16 00-0096	EA	48" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,935.81	94.71
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*174.64*	
		For Clear Lacquer Finish, Add	*349.28*	
		For Baked Enamel Standard Colors, Add	*523.91*	
		For Anodized Finish, Add	*698.55*	
		For Kynar® Standard Colors Finish, Add	*960.51*	
08 91 16 00-0097	EA	48" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	2,164.23	100.12
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*196.40*	
		For Clear Lacquer Finish, Add	*392.79*	
		For Baked Enamel Standard Colors, Add	*589.19*	
		For Anodized Finish, Add	*785.59*	
		For Kynar® Standard Colors Finish, Add	*1,080.18*	
08 91 16 00-0098	EA	48" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	2,447.92	108.24
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*223.14*	
		For Clear Lacquer Finish, Add	*446.29*	
		For Baked Enamel Standard Colors, Add	*669.43*	
		For Anodized Finish, Add	*892.57*	
		For Kynar® Standard Colors Finish, Add	*1,227.29*	
08 91 16 00-0099	EA	48" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	2,681.74	116.36
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*244.90*	
		For Clear Lacquer Finish, Add	*489.80*	
		For Baked Enamel Standard Colors, Add	*734.71*	
		For Anodized Finish, Add	*979.61*	
		For Kynar® Standard Colors Finish, Add	*1,346.96*	
08 91 16 00-0100	EA	48" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	2,883.84	124.48
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*263.49*	
		For Clear Lacquer Finish, Add	*526.98*	
		For Baked Enamel Standard Colors, Add	*790.46*	
		For Anodized Finish, Add	*1,053.95*	
		For Kynar® Standard Colors Finish, Add	*1,449.18*	
08 91 16 00-0101	EA	48" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	3,089.33	132.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*282.41*	
		For Clear Lacquer Finish, Add	*564.83*	
		For Baked Enamel Standard Colors, Add	*847.24*	
		For Anodized Finish, Add	*1,129.65*	
		For Kynar® Standard Colors Finish, Add	*1,553.27*	
08 91 16 00-0102	EA	48" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	3,290.30	140.72
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*300.89*	
		For Clear Lacquer Finish, Add	*601.77*	
		For Baked Enamel Standard Colors, Add	*902.66*	
		For Anodized Finish, Add	*1,203.54*	
		For Kynar® Standard Colors Finish, Add	*1,654.87*	
08 91 16 00-0103	EA	48" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	3,561.77	146.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*326.95*	
		For Clear Lacquer Finish, Add	*653.90*	
		For Baked Enamel Standard Colors, Add	*980.85*	
		For Anodized Finish, Add	*1,307.80*	
		For Kynar® Standard Colors Finish, Add	*1,798.23*	
08 91 16 00-0104	EA	48" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	3,786.79	151.54
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*348.37*	
		For Clear Lacquer Finish, Add	*696.74*	
		For Baked Enamel Standard Colors, Add	*1,045.11*	
		For Anodized Finish, Add	*1,393.48*	
		For Kynar® Standard Colors Finish, Add	*1,916.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0105	EA	48" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	4,065.07	156.96
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*375.12*	
		For Clear Lacquer Finish, Add	*750.23*	
		For Baked Enamel Standard Colors, Add	*1,125.35*	
		For Anodized Finish, Add	*1,500.46*	
		For Kynar® Standard Colors Finish, Add	*2,063.14*	
08 91 16 00-0106	EA	48" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	4,271.70	165.08
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*394.16*	
		For Clear Lacquer Finish, Add	*788.31*	
		For Baked Enamel Standard Colors, Add	*1,182.47*	
		For Anodized Finish, Add	*1,576.62*	
		For Kynar® Standard Colors Finish, Add	*2,167.85*	
08 91 16 00-0107	EA	54" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	1,128.31	64.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*99.84*	
		For Clear Lacquer Finish, Add	*199.68*	
		For Baked Enamel Standard Colors, Add	*299.53*	
		For Anodized Finish, Add	*399.37*	
		For Kynar® Standard Colors Finish, Add	*549.13*	
08 91 16 00-0108	EA	54" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	1,448.90	78.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*129.19*	
		For Clear Lacquer Finish, Add	*258.39*	
		For Baked Enamel Standard Colors, Add	*387.58*	
		For Anodized Finish, Add	*516.78*	
		For Kynar® Standard Colors Finish, Add	*710.57*	
08 91 16 00-0109	EA	54" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,698.08	92.00
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*151.41*	
		For Clear Lacquer Finish, Add	*302.81*	
		For Baked Enamel Standard Colors, Add	*454.22*	
		For Anodized Finish, Add	*605.62*	
		For Kynar® Standard Colors Finish, Add	*832.73*	
08 91 16 00-0110	EA	54" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,954.83	97.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*176.00*	
		For Clear Lacquer Finish, Add	*352.00*	
		For Baked Enamel Standard Colors, Add	*527.99*	
		For Anodized Finish, Add	*703.99*	
		For Kynar® Standard Colors Finish, Add	*967.99*	
08 91 16 00-0111	EA	54" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	2,234.24	102.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*202.86*	
		For Clear Lacquer Finish, Add	*405.71*	
		For Baked Enamel Standard Colors, Add	*608.57*	
		For Anodized Finish, Add	*811.43*	
		For Kynar® Standard Colors Finish, Add	*1,115.71*	
08 91 16 00-0112	EA	54" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	2,484.18	108.24
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*226.77*	
		For Clear Lacquer Finish, Add	*453.54*	
		For Baked Enamel Standard Colors, Add	*680.31*	
		For Anodized Finish, Add	*907.08*	
		For Kynar® Standard Colors Finish, Add	*1,247.23*	
08 91 16 00-0113	EA	54" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	2,814.33	116.36
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*258.16*	
		For Clear Lacquer Finish, Add	*516.32*	
		For Baked Enamel Standard Colors, Add	*774.48*	
		For Anodized Finish, Add	*1,032.64*	
		For Kynar® Standard Colors Finish, Add	*1,419.89*	
08 91 16 00-0114	EA	54" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	3,135.42	124.48
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*288.65*	
		For Clear Lacquer Finish, Add	*577.29*	
		For Baked Enamel Standard Colors, Add	*865.94*	
		For Anodized Finish, Add	*1,154.58*	
		For Kynar® Standard Colors Finish, Add	*1,587.55*	
08 91 16 00-0115	EA	54" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	3,374.92	132.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*310.97*	
		For Clear Lacquer Finish, Add	*621.94*	
		For Baked Enamel Standard Colors, Add	*932.92*	
		For Anodized Finish, Add	*1,243.89*	
		For Kynar® Standard Colors Finish, Add	*1,710.35*	
08 91 16 00-0116	EA	54" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	3,611.02	140.72
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*332.96*	
		For Clear Lacquer Finish, Add	*665.92*	
		For Baked Enamel Standard Colors, Add	*998.87*	
		For Anodized Finish, Add	*1,331.83*	
		For Kynar® Standard Colors Finish, Add	*1,831.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0117	EA	54" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,839.43	146.13
		For Flange Frame, Add	*354.72*	
		For Clear Lacquer Finish, Add	*709.43*	
		For Baked Enamel Standard Colors, Add	*1,064.15*	
		For Anodized Finish, Add	*1,418.87*	
		For Kynar® Standard Colors Finish, Add	*1,950.94*	
08 91 16 00-0118	EA	54" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,142.64	151.54
		For Flange Frame, Add	*383.96*	
		For Clear Lacquer Finish, Add	*767.91*	
		For Baked Enamel Standard Colors, Add	*1,151.87*	
		For Anodized Finish, Add	*1,535.82*	
		For Kynar® Standard Colors Finish, Add	*2,111.75*	
08 91 16 00-0119	EA	54" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,394.85	156.96
		For Flange Frame, Add	*408.09*	
		For Clear Lacquer Finish, Add	*816.19*	
		For Baked Enamel Standard Colors, Add	*1,224.28*	
		For Anodized Finish, Add	*1,632.38*	
		For Kynar® Standard Colors Finish, Add	*2,244.52*	
08 91 16 00-0120	EA	54" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,720.73	162.37
		For Flange Frame, Add	*439.60*	
		For Clear Lacquer Finish, Add	*879.20*	
		For Baked Enamel Standard Colors, Add	*1,318.80*	
		For Anodized Finish, Add	*1,758.40*	
		For Kynar® Standard Colors Finish, Add	*2,417.79*	
08 91 16 00-0121	EA	54" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,962.50	170.49
		For Flange Frame, Add	*462.15*	
		For Clear Lacquer Finish, Add	*924.30*	
		For Baked Enamel Standard Colors, Add	*1,386.46*	
		For Anodized Finish, Add	*1,848.61*	
		For Kynar® Standard Colors Finish, Add	*2,541.84*	
08 91 16 00-0122	EA	60" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,196.94	70.35
		For Flange Frame, Add	*105.62*	
		For Clear Lacquer Finish, Add	*211.24*	
		For Baked Enamel Standard Colors, Add	*316.87*	
		For Anodized Finish, Add	*422.49*	
		For Kynar® Standard Colors Finish, Add	*580.92*	
08 91 16 00-0123	EA	60" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,543.33	86.59
		For Flange Frame, Add	*137.01*	
		For Clear Lacquer Finish, Add	*274.03*	
		For Baked Enamel Standard Colors, Add	*411.04*	
		For Anodized Finish, Add	*548.06*	
		For Kynar® Standard Colors Finish, Add	*753.58*	
08 91 16 00-0124	EA	60" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,799.57	97.42
		For Flange Frame, Add	*160.47*	
		For Clear Lacquer Finish, Add	*320.94*	
		For Baked Enamel Standard Colors, Add	*481.42*	
		For Anodized Finish, Add	*641.89*	
		For Kynar® Standard Colors Finish, Add	*882.60*	
08 91 16 00-0125	EA	60" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,082.38	102.83
		For Flange Frame, Add	*187.67*	
		For Clear Lacquer Finish, Add	*375.34*	
		For Baked Enamel Standard Colors, Add	*563.01*	
		For Anodized Finish, Add	*750.68*	
		For Kynar® Standard Colors Finish, Add	*1,032.19*	
08 91 16 00-0126	EA	60" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,377.40	110.95
		For Flange Frame, Add	*215.55*	
		For Clear Lacquer Finish, Add	*431.10*	
		For Baked Enamel Standard Colors, Add	*646.65*	
		For Anodized Finish, Add	*862.20*	
		For Kynar® Standard Colors Finish, Add	*1,185.53*	
08 91 16 00-0127	EA	60" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,642.07	116.36
		For Flange Frame, Add	*240.94*	
		For Clear Lacquer Finish, Add	*481.87*	
		For Baked Enamel Standard Colors, Add	*722.81*	
		For Anodized Finish, Add	*963.74*	
		For Kynar® Standard Colors Finish, Add	*1,325.14*	
08 91 16 00-0128	EA	60" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,996.03	124.48
		For Flange Frame, Add	*274.71*	
		For Clear Lacquer Finish, Add	*549.41*	
		For Baked Enamel Standard Colors, Add	*824.12*	
		For Anodized Finish, Add	*1,098.83*	
		For Kynar® Standard Colors Finish, Add	*1,510.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0129	EA	60" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,326.19	132.60
		For Flange Frame, Add	*306.10*	
		For Clear Lacquer Finish, Add	*612.20*	
		For Baked Enamel Standard Colors, Add	*918.30*	
		For Anodized Finish, Add	*1,224.40*	
		For Kynar® Standard Colors Finish, Add	*1,683.54*	
08 91 16 00-0130	EA	60" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,582.68	140.72
		For Flange Frame, Add	*330.12*	
		For Clear Lacquer Finish, Add	*660.25*	
		For Baked Enamel Standard Colors, Add	*990.37*	
		For Anodized Finish, Add	*1,320.50*	
		For Kynar® Standard Colors Finish, Add	*1,815.68*	
08 91 16 00-0131	EA	60" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,834.65	148.84
		For Flange Frame, Add	*353.70*	
		For Clear Lacquer Finish, Add	*707.39*	
		For Baked Enamel Standard Colors, Add	*1,061.09*	
		For Anodized Finish, Add	*1,414.79*	
		For Kynar® Standard Colors Finish, Add	*1,945.33*	
08 91 16 00-0132	EA	60" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,077.79	154.25
		For Flange Frame, Add	*376.93*	
		For Clear Lacquer Finish, Add	*753.86*	
		For Baked Enamel Standard Colors, Add	*1,130.79*	
		For Anodized Finish, Add	*1,507.72*	
		For Kynar® Standard Colors Finish, Add	*2,073.11*	
08 91 16 00-0133	EA	60" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,407.07	159.66
		For Flange Frame, Add	*408.77*	
		For Clear Lacquer Finish, Add	*817.55*	
		For Baked Enamel Standard Colors, Add	*1,226.32*	
		For Anodized Finish, Add	*1,635.10*	
		For Kynar® Standard Colors Finish, Add	*2,248.26*	
08 91 16 00-0134	EA	60" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,671.75	165.08
		For Flange Frame, Add	*434.16*	
		For Clear Lacquer Finish, Add	*868.32*	
		For Baked Enamel Standard Colors, Add	*1,302.48*	
		For Anodized Finish, Add	*1,736.64*	
		For Kynar® Standard Colors Finish, Add	*2,387.88*	
08 91 16 00-0135	EA	60" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	5,014.63	170.49
		For Flange Frame, Add	*467.37*	
		For Clear Lacquer Finish, Add	*934.73*	
		For Baked Enamel Standard Colors, Add	*1,402.10*	
		For Anodized Finish, Add	*1,869.46*	
		For Kynar® Standard Colors Finish, Add	*2,570.51*	
08 91 16 00-0136	EA	60" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	5,265.69	175.90
		For Flange Frame, Add	*491.39*	
		For Clear Lacquer Finish, Add	*982.78*	
		For Baked Enamel Standard Colors, Add	*1,474.17*	
		For Anodized Finish, Add	*1,965.56*	
		For Kynar® Standard Colors Finish, Add	*2,702.65*	

08 91 16 00-0137 Adjustable Intake Wall Louvers Operators *(08 91 16)*

08 91 16 00-0138	EA	5' Chain Actuator For Adjustable Intake Louver	298.92	27.06
08 91 16 00-0139	EA	Panel Crank For Adjustable Intake Louver	676.69	10.83

08 91 19 Fixed Louvers *(08 91)*

08 91 19 00-0001 Fixed Intake Wall Louvers *(08 91 19)*

08 91 19 00-0002	EA	12" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	390.96	24.36
		For Flange Frame, Add	*34.23*	
		For Clear Lacquer Finish, Add	*68.45*	
		For Baked Enamel Standard Colors, Add	*102.68*	
		For Anodized Finish, Add	*136.90*	
		For Kynar® Standard Colors Finish, Add	*188.24*	
08 91 19 00-0003	EA	12" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	464.12	29.77
		For Flange Frame, Add	*40.46*	
		For Clear Lacquer Finish, Add	*80.92*	
		For Baked Enamel Standard Colors, Add	*121.37*	
		For Anodized Finish, Add	*161.83*	
		For Kynar® Standard Colors Finish, Add	*222.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0004	EA	12" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	538.39	35.18
		For Flange Frame, Add	*46.80*	
		For Clear Lacquer Finish, Add	*93.61*	
		For Baked Enamel Standard Colors, Add	*140.41*	
		For Anodized Finish, Add	*187.22*	
		For Kynar® Standard Colors Finish, Add	*257.42*	
08 91 19 00-0005	EA	12" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	631.95	40.59
		For Flange Frame, Add	*55.08*	
		For Clear Lacquer Finish, Add	*110.15*	
		For Baked Enamel Standard Colors, Add	*165.23*	
		For Anodized Finish, Add	*220.31*	
		For Kynar® Standard Colors Finish, Add	*302.92*	
08 91 19 00-0006	EA	12" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	710.77	46.01
		For Flange Frame, Add	*61.88*	
		For Clear Lacquer Finish, Add	*123.75*	
		For Baked Enamel Standard Colors, Add	*185.63*	
		For Anodized Finish, Add	*247.51*	
		For Kynar® Standard Colors Finish, Add	*340.32*	
08 91 19 00-0007	EA	12" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	839.46	51.42
		For Flange Frame, Add	*73.66*	
		For Clear Lacquer Finish, Add	*147.33*	
		For Baked Enamel Standard Colors, Add	*220.99*	
		For Anodized Finish, Add	*294.65*	
		For Kynar® Standard Colors Finish, Add	*405.15*	
08 91 19 00-0008	EA	12" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	909.22	56.83
		For Flange Frame, Add	*79.56*	
		For Clear Lacquer Finish, Add	*159.11*	
		For Baked Enamel Standard Colors, Add	*238.67*	
		For Anodized Finish, Add	*318.22*	
		For Kynar® Standard Colors Finish, Add	*437.56*	
08 91 19 00-0009	EA	12" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,016.11	64.95
		For Flange Frame, Add	*88.62*	
		For Clear Lacquer Finish, Add	*177.24*	
		For Baked Enamel Standard Colors, Add	*265.87*	
		For Anodized Finish, Add	*354.49*	
		For Kynar® Standard Colors Finish, Add	*487.42*	
08 91 19 00-0010	EA	12" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,080.21	70.35
		For Flange Frame, Add	*93.95*	
		For Clear Lacquer Finish, Add	*187.90*	
		For Baked Enamel Standard Colors, Add	*281.85*	
		For Anodized Finish, Add	*375.80*	
		For Kynar® Standard Colors Finish, Add	*516.72*	
08 91 19 00-0011	EA	12" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,168.09	75.77
		For Flange Frame, Add	*101.66*	
		For Clear Lacquer Finish, Add	*203.31*	
		For Baked Enamel Standard Colors, Add	*304.97*	
		For Anodized Finish, Add	*406.62*	
		For Kynar® Standard Colors Finish, Add	*559.10*	
08 91 19 00-0012	EA	12" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,244.65	81.18
		For Flange Frame, Add	*108.23*	
		For Clear Lacquer Finish, Add	*216.46*	
		For Baked Enamel Standard Colors, Add	*324.68*	
		For Anodized Finish, Add	*432.91*	
		For Kynar® Standard Colors Finish, Add	*595.25*	
08 91 19 00-0013	EA	12" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,335.94	86.59
		For Flange Frame, Add	*116.28*	
		For Clear Lacquer Finish, Add	*232.55*	
		For Baked Enamel Standard Colors, Add	*348.83*	
		For Anodized Finish, Add	*465.10*	
		For Kynar® Standard Colors Finish, Add	*639.51*	
08 91 19 00-0014	EA	12" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,421.56	92.00
		For Flange Frame, Add	*123.75*	
		For Clear Lacquer Finish, Add	*247.51*	
		For Baked Enamel Standard Colors, Add	*371.26*	
		For Anodized Finish, Add	*495.02*	
		For Kynar® Standard Colors Finish, Add	*680.65*	
08 91 19 00-0015	EA	12" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,496.73	100.12
		For Flange Frame, Add	*129.65*	
		For Clear Lacquer Finish, Add	*259.29*	
		For Baked Enamel Standard Colors, Add	*388.94*	
		For Anodized Finish, Add	*518.59*	
		For Kynar® Standard Colors Finish, Add	*713.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0016	EA	12" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,597.96	108.24
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*138.15*	
		For Clear Lacquer Finish, Add	*276.29*	
		For Baked Enamel Standard Colors, Add	*414.44*	
		For Anodized Finish, Add	*552.59*	
		For Kynar® Standard Colors Finish, Add	*759.81*	
08 91 19 00-0017	EA	18" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	453.92	29.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*39.44*	
		For Clear Lacquer Finish, Add	*78.88*	
		For Baked Enamel Standard Colors, Add	*118.31*	
		For Anodized Finish, Add	*157.75*	
		For Kynar® Standard Colors Finish, Add	*216.91*	
08 91 19 00-0018	EA	18" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	543.81	37.89
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*46.80*	
		For Clear Lacquer Finish, Add	*93.61*	
		For Baked Enamel Standard Colors, Add	*140.41*	
		For Anodized Finish, Add	*187.22*	
		For Kynar® Standard Colors Finish, Add	*257.42*	
08 91 19 00-0019	EA	18" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	630.56	43.30
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*54.40*	
		For Clear Lacquer Finish, Add	*108.79*	
		For Baked Enamel Standard Colors, Add	*163.19*	
		For Anodized Finish, Add	*217.59*	
		For Kynar® Standard Colors Finish, Add	*299.18*	
08 91 19 00-0020	EA	18" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	790.47	54.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*68.22*	
		For Clear Lacquer Finish, Add	*136.45*	
		For Baked Enamel Standard Colors, Add	*204.67*	
		For Anodized Finish, Add	*272.89*	
		For Kynar® Standard Colors Finish, Add	*375.23*	
08 91 19 00-0021	EA	18" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	907.83	59.54
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*78.88*	
		For Clear Lacquer Finish, Add	*157.75*	
		For Baked Enamel Standard Colors, Add	*236.63*	
		For Anodized Finish, Add	*315.50*	
		For Kynar® Standard Colors Finish, Add	*433.82*	
08 91 19 00-0022	EA	18" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,011.58	64.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*88.17*	
		For Clear Lacquer Finish, Add	*176.34*	
		For Baked Enamel Standard Colors, Add	*264.51*	
		For Anodized Finish, Add	*352.68*	
		For Kynar® Standard Colors Finish, Add	*484.93*	
08 91 19 00-0023	EA	18" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,084.74	70.35
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*94.40*	
		For Clear Lacquer Finish, Add	*188.80*	
		For Baked Enamel Standard Colors, Add	*283.21*	
		For Anodized Finish, Add	*377.61*	
		For Kynar® Standard Colors Finish, Add	*519.21*	
08 91 19 00-0024	EA	18" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,207.51	78.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*105.06*	
		For Clear Lacquer Finish, Add	*210.11*	
		For Baked Enamel Standard Colors, Add	*315.17*	
		For Anodized Finish, Add	*420.22*	
		For Kynar® Standard Colors Finish, Add	*577.80*	
08 91 19 00-0025	EA	18" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,292.87	86.59
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*111.97*	
		For Clear Lacquer Finish, Add	*223.94*	
		For Baked Enamel Standard Colors, Add	*335.90*	
		For Anodized Finish, Add	*447.87*	
		For Kynar® Standard Colors Finish, Add	*615.82*	
08 91 19 00-0026	EA	18" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,405.70	92.00
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*122.17*	
		For Clear Lacquer Finish, Add	*244.34*	
		For Baked Enamel Standard Colors, Add	*366.50*	
		For Anodized Finish, Add	*488.67*	
		For Kynar® Standard Colors Finish, Add	*671.92*	
08 91 19 00-0027	EA	18" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,491.32	97.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*129.65*	
		For Clear Lacquer Finish, Add	*259.29*	
		For Baked Enamel Standard Colors, Add	*388.94*	
		For Anodized Finish, Add	*518.59*	
		For Kynar® Standard Colors Finish, Add	*713.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0028	EA	18" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,587.14	102.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*138.15*	
		For Clear Lacquer Finish, Add	*276.29*	
		For Baked Enamel Standard Colors, Add	*414.44*	
		For Anodized Finish, Add	*552.59*	
		For Kynar® Standard Colors Finish, Add	*759.81*	
08 91 19 00-0029	EA	18" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,687.49	108.24
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*147.10*	
		For Clear Lacquer Finish, Add	*294.20*	
		For Baked Enamel Standard Colors, Add	*441.30*	
		For Anodized Finish, Add	*588.40*	
		For Kynar® Standard Colors Finish, Add	*809.05*	
08 91 19 00-0030	EA	18" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,775.11	116.36
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*154.24*	
		For Clear Lacquer Finish, Add	*308.48*	
		For Baked Enamel Standard Colors, Add	*462.72*	
		For Anodized Finish, Add	*616.96*	
		For Kynar® Standard Colors Finish, Add	*848.31*	
08 91 19 00-0031	EA	18" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,897.88	124.48
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*164.89*	
		For Clear Lacquer Finish, Add	*329.78*	
		For Baked Enamel Standard Colors, Add	*494.68*	
		For Anodized Finish, Add	*659.57*	
		For Kynar® Standard Colors Finish, Add	*906.91*	
08 91 19 00-0032	EA	24" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	524.80	35.18
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*45.45*	
		For Clear Lacquer Finish, Add	*90.89*	
		For Baked Enamel Standard Colors, Add	*136.34*	
		For Anodized Finish, Add	*181.78*	
		For Kynar® Standard Colors Finish, Add	*249.95*	
08 91 19 00-0033	EA	24" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	624.90	43.30
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*53.83*	
		For Clear Lacquer Finish, Add	*107.66*	
		For Baked Enamel Standard Colors, Add	*161.49*	
		For Anodized Finish, Add	*215.32*	
		For Kynar® Standard Colors Finish, Add	*296.07*	
08 91 19 00-0034	EA	24" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	774.87	51.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*67.20*	
		For Clear Lacquer Finish, Add	*134.41*	
		For Baked Enamel Standard Colors, Add	*201.61*	
		For Anodized Finish, Add	*268.82*	
		For Kynar® Standard Colors Finish, Add	*369.62*	
08 91 19 00-0035	EA	24" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	913.24	62.25
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*78.88*	
		For Clear Lacquer Finish, Add	*157.75*	
		For Baked Enamel Standard Colors, Add	*236.63*	
		For Anodized Finish, Add	*315.50*	
		For Kynar® Standard Colors Finish, Add	*433.82*	
08 91 19 00-0036	EA	24" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,046.47	67.66
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*91.12*	
		For Clear Lacquer Finish, Add	*182.23*	
		For Baked Enamel Standard Colors, Add	*273.35*	
		For Anodized Finish, Add	*364.46*	
		For Kynar® Standard Colors Finish, Add	*501.14*	
08 91 19 00-0037	EA	24" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,169.48	73.06
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*102.34*	
		For Clear Lacquer Finish, Add	*204.67*	
		For Baked Enamel Standard Colors, Add	*307.01*	
		For Anodized Finish, Add	*409.34*	
		For Kynar® Standard Colors Finish, Add	*562.84*	
08 91 19 00-0038	EA	24" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,270.72	81.18
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*110.84*	
		For Clear Lacquer Finish, Add	*221.67*	
		For Baked Enamel Standard Colors, Add	*332.51*	
		For Anodized Finish, Add	*443.34*	
		For Kynar® Standard Colors Finish, Add	*609.59*	
08 91 19 00-0039	EA	24" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,405.70	92.00
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*122.17*	
		For Clear Lacquer Finish, Add	*244.34*	
		For Baked Enamel Standard Colors, Add	*366.50*	
		For Anodized Finish, Add	*488.67*	
		For Kynar® Standard Colors Finish, Add	*671.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0040	EA	24" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,495.86	97.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*130.10*	
		For Clear Lacquer Finish, Add	*260.20*	
		For Baked Enamel Standard Colors, Add	*390.30*	
		For Anodized Finish, Add	*520.40*	
		For Kynar® Standard Colors Finish, Add	*715.56*	
08 91 19 00-0041	EA	24" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,643.29	108.24
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*142.68*	
		For Clear Lacquer Finish, Add	*285.36*	
		For Baked Enamel Standard Colors, Add	*428.04*	
		For Anodized Finish, Add	*570.72*	
		For Kynar® Standard Colors Finish, Add	*784.74*	
08 91 19 00-0042	EA	24" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,736.84	113.66
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*150.95*	
		For Clear Lacquer Finish, Add	*301.91*	
		For Baked Enamel Standard Colors, Add	*452.86*	
		For Anodized Finish, Add	*603.81*	
		For Kynar® Standard Colors Finish, Add	*830.24*	
08 91 19 00-0043	EA	24" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,858.73	119.07
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*162.06*	
		For Clear Lacquer Finish, Add	*324.12*	
		For Baked Enamel Standard Colors, Add	*486.18*	
		For Anodized Finish, Add	*648.24*	
		For Kynar® Standard Colors Finish, Add	*891.32*	
08 91 19 00-0044	EA	24" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,978.35	124.48
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*172.94*	
		For Clear Lacquer Finish, Add	*345.88*	
		For Baked Enamel Standard Colors, Add	*518.82*	
		For Anodized Finish, Add	*691.76*	
		For Kynar® Standard Colors Finish, Add	*951.16*	
08 91 19 00-0045	EA	24" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,068.25	132.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*180.31*	
		For Clear Lacquer Finish, Add	*360.61*	
		For Baked Enamel Standard Colors, Add	*540.92*	
		For Anodized Finish, Add	*721.22*	
		For Kynar® Standard Colors Finish, Add	*991.68*	
08 91 19 00-0046	EA	24" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,218.22	140.72
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*193.68*	
		For Clear Lacquer Finish, Add	*387.36*	
		For Baked Enamel Standard Colors, Add	*581.03*	
		For Anodized Finish, Add	*774.71*	
		For Kynar® Standard Colors Finish, Add	*1,065.23*	
08 91 19 00-0047	EA	30" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	587.76	40.59
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*50.66*	
		For Clear Lacquer Finish, Add	*101.32*	
		For Baked Enamel Standard Colors, Add	*151.97*	
		For Anodized Finish, Add	*202.63*	
		For Kynar® Standard Colors Finish, Add	*278.62*	
08 91 19 00-0048	EA	30" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	759.88	54.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*65.16*	
		For Clear Lacquer Finish, Add	*130.33*	
		For Baked Enamel Standard Colors, Add	*195.49*	
		For Anodized Finish, Add	*260.66*	
		For Kynar® Standard Colors Finish, Add	*358.40*	
08 91 19 00-0049	EA	30" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	887.18	62.25
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*76.27*	
		For Clear Lacquer Finish, Add	*152.54*	
		For Baked Enamel Standard Colors, Add	*228.81*	
		For Anodized Finish, Add	*305.08*	
		For Kynar® Standard Colors Finish, Add	*419.49*	
08 91 19 00-0050	EA	30" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,036.01	70.35
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*89.53*	
		For Clear Lacquer Finish, Add	*179.06*	
		For Baked Enamel Standard Colors, Add	*268.59*	
		For Anodized Finish, Add	*358.12*	
		For Kynar® Standard Colors Finish, Add	*492.41*	
08 91 19 00-0051	EA	30" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,196.42	75.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*104.49*	
		For Clear Lacquer Finish, Add	*208.98*	
		For Baked Enamel Standard Colors, Add	*313.46*	
		For Anodized Finish, Add	*417.95*	
		For Kynar® Standard Colors Finish, Add	*574.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0052	EA	30" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,330.53	83.89
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*116.28*	
		For Clear Lacquer Finish, Add	*232.55*	
		For Baked Enamel Standard Colors, Add	*348.83*	
		For Anodized Finish, Add	*465.10*	
		For Kynar® Standard Colors Finish, Add	*639.51*	
08 91 19 00-0053	EA	30" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,430.88	89.30
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*125.23*	
		For Clear Lacquer Finish, Add	*250.45*	
		For Baked Enamel Standard Colors, Add	*375.68*	
		For Anodized Finish, Add	*500.91*	
		For Kynar® Standard Colors Finish, Add	*688.75*	
08 91 19 00-0054	EA	30" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,571.79	97.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*137.69*	
		For Clear Lacquer Finish, Add	*275.39*	
		For Baked Enamel Standard Colors, Add	*413.08*	
		For Anodized Finish, Add	*550.78*	
		For Kynar® Standard Colors Finish, Add	*757.32*	
08 91 19 00-0055	EA	30" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,684.60	102.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*147.89*	
		For Clear Lacquer Finish, Add	*295.79*	
		For Baked Enamel Standard Colors, Add	*443.68*	
		For Anodized Finish, Add	*591.57*	
		For Kynar® Standard Colors Finish, Add	*813.41*	
08 91 19 00-0056	EA	30" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,855.83	113.66
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*162.85*	
		For Clear Lacquer Finish, Add	*325.70*	
		For Baked Enamel Standard Colors, Add	*488.56*	
		For Anodized Finish, Add	*651.41*	
		For Kynar® Standard Colors Finish, Add	*895.69*	
08 91 19 00-0057	EA	30" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,965.00	121.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*172.15*	
		For Clear Lacquer Finish, Add	*344.29*	
		For Baked Enamel Standard Colors, Add	*516.44*	
		For Anodized Finish, Add	*688.58*	
		For Kynar® Standard Colors Finish, Add	*946.80*	
08 91 19 00-0058	EA	30" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,094.82	127.19
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*184.05*	
		For Clear Lacquer Finish, Add	*368.09*	
		For Baked Enamel Standard Colors, Add	*552.14*	
		For Anodized Finish, Add	*736.18*	
		For Kynar® Standard Colors Finish, Add	*1,012.25*	
08 91 19 00-0059	EA	30" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,223.51	132.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*195.83*	
		For Clear Lacquer Finish, Add	*391.66*	
		For Baked Enamel Standard Colors, Add	*587.49*	
		For Anodized Finish, Add	*783.32*	
		For Kynar® Standard Colors Finish, Add	*1,077.07*	
08 91 19 00-0060	EA	30" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,330.41	140.72
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*204.90*	
		For Clear Lacquer Finish, Add	*409.79*	
		For Baked Enamel Standard Colors, Add	*614.69*	
		For Anodized Finish, Add	*819.59*	
		For Kynar® Standard Colors Finish, Add	*1,126.93*	
08 91 19 00-0061	EA	30" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,500.78	148.84
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*220.31*	
		For Clear Lacquer Finish, Add	*440.62*	
		For Baked Enamel Standard Colors, Add	*660.93*	
		For Anodized Finish, Add	*881.24*	
		For Kynar® Standard Colors Finish, Add	*1,211.71*	
08 91 19 00-0062	EA	36" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	651.84	46.01
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*55.98*	
		For Clear Lacquer Finish, Add	*111.97*	
		For Baked Enamel Standard Colors, Add	*167.95*	
		For Anodized Finish, Add	*223.94*	
		For Kynar® Standard Colors Finish, Add	*307.91*	
08 91 19 00-0063	EA	36" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	855.70	59.54
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*73.66*	
		For Clear Lacquer Finish, Add	*147.33*	
		For Baked Enamel Standard Colors, Add	*220.99*	
		For Anodized Finish, Add	*294.65*	
		For Kynar® Standard Colors Finish, Add	*405.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0064	EA	36" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	989.80	67.66
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*85.45*	
		For Clear Lacquer Finish, Add	*170.90*	
		For Baked Enamel Standard Colors, Add	*256.35*	
		For Anodized Finish, Add	*341.80*	
		For Kynar® Standard Colors Finish, Add	*469.97*	
08 91 19 00-0065	EA	36" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,149.96	75.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*99.84*	
		For Clear Lacquer Finish, Add	*199.68*	
		For Baked Enamel Standard Colors, Add	*299.53*	
		For Anodized Finish, Add	*399.37*	
		For Kynar® Standard Colors Finish, Add	*549.13*	
08 91 19 00-0066	EA	36" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,330.68	82.26
		Note: Includes bird screen.		
		For Flange Frame, Add	*116.62*	
		For Clear Lacquer Finish, Add	*233.23*	
		For Baked Enamel Standard Colors, Add	*349.85*	
		For Anodized Finish, Add	*466.46*	
		For Kynar® Standard Colors Finish, Add	*641.38*	
08 91 19 00-0067	EA	36" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,470.55	89.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*129.19*	
		For Clear Lacquer Finish, Add	*258.39*	
		For Baked Enamel Standard Colors, Add	*387.58*	
		For Anodized Finish, Add	*516.78*	
		For Kynar® Standard Colors Finish, Add	*710.57*	
08 91 19 00-0068	EA	36" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,591.30	94.71
		Note: Includes bird screen.		
		For Flange Frame, Add	*140.19*	
		For Clear Lacquer Finish, Add	*280.37*	
		For Baked Enamel Standard Colors, Add	*420.56*	
		For Anodized Finish, Add	*560.75*	
		For Kynar® Standard Colors Finish, Add	*771.03*	
08 91 19 00-0069	EA	36" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,752.60	102.83
		Note: Includes bird screen.		
		For Flange Frame, Add	*154.69*	
		For Clear Lacquer Finish, Add	*309.39*	
		For Baked Enamel Standard Colors, Add	*464.08*	
		For Anodized Finish, Add	*618.77*	
		For Kynar® Standard Colors Finish, Add	*850.81*	
08 91 19 00-0070	EA	36" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,874.22	110.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*165.23*	
		For Clear Lacquer Finish, Add	*330.46*	
		For Baked Enamel Standard Colors, Add	*495.70*	
		For Anodized Finish, Add	*660.93*	
		For Kynar® Standard Colors Finish, Add	*908.78*	
08 91 19 00-0071	EA	36" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,068.39	119.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*183.03*	
		For Clear Lacquer Finish, Add	*366.05*	
		For Baked Enamel Standard Colors, Add	*549.08*	
		For Anodized Finish, Add	*732.10*	
		For Kynar® Standard Colors Finish, Add	*1,006.64*	
08 91 19 00-0072	EA	36" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,195.68	127.19
		Note: Includes bird screen.		
		For Flange Frame, Add	*194.13*	
		For Clear Lacquer Finish, Add	*388.26*	
		For Baked Enamel Standard Colors, Add	*582.39*	
		For Anodized Finish, Add	*776.52*	
		For Kynar® Standard Colors Finish, Add	*1,067.72*	
08 91 19 00-0073	EA	36" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,334.57	132.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*206.94*	
		For Clear Lacquer Finish, Add	*413.87*	
		For Baked Enamel Standard Colors, Add	*620.81*	
		For Anodized Finish, Add	*827.75*	
		For Kynar® Standard Colors Finish, Add	*1,138.15*	
08 91 19 00-0074	EA	36" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,479.12	138.01
		Note: Includes bird screen.		
		For Flange Frame, Add	*220.31*	
		For Clear Lacquer Finish, Add	*440.62*	
		For Baked Enamel Standard Colors, Add	*660.93*	
		For Anodized Finish, Add	*881.24*	
		For Kynar® Standard Colors Finish, Add	*1,211.71*	
08 91 19 00-0075	EA	36" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,601.88	146.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*230.96*	
		For Clear Lacquer Finish, Add	*461.92*	
		For Baked Enamel Standard Colors, Add	*692.89*	
		For Anodized Finish, Add	*923.85*	
		For Kynar® Standard Colors Finish, Add	*1,270.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0076	EA	36" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,794.92	154.25
		Note: Includes bird screen.		
		For Flange Frame, Add	*248.64*	
		For Clear Lacquer Finish, Add	*497.28*	
		For Baked Enamel Standard Colors, Add	*745.93*	
		For Anodized Finish, Add	*994.57*	
		For Kynar® Standard Colors Finish, Add	*1,367.53*	
08 91 19 00-0077	EA	42" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	759.00	51.42
		Note: Includes bird screen.		
		For Flange Frame, Add	*65.62*	
		For Clear Lacquer Finish, Add	*131.23*	
		For Baked Enamel Standard Colors, Add	*196.85*	
		For Anodized Finish, Add	*262.47*	
		For Kynar® Standard Colors Finish, Add	*360.89*	
08 91 19 00-0078	EA	42" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	929.99	64.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*80.01*	
		For Clear Lacquer Finish, Add	*160.02*	
		For Baked Enamel Standard Colors, Add	*240.03*	
		For Anodized Finish, Add	*320.04*	
		For Kynar® Standard Colors Finish, Add	*440.06*	
08 91 19 00-0079	EA	42" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,078.82	73.06
		Note: Includes bird screen.		
		For Flange Frame, Add	*93.27*	
		For Clear Lacquer Finish, Add	*186.54*	
		For Baked Enamel Standard Colors, Add	*279.81*	
		For Anodized Finish, Add	*373.08*	
		For Kynar® Standard Colors Finish, Add	*512.98*	
08 91 19 00-0080	EA	42" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,262.53	83.89
		Note: Includes bird screen.		
		For Flange Frame, Add	*109.48*	
		For Clear Lacquer Finish, Add	*218.95*	
		For Baked Enamel Standard Colors, Add	*328.43*	
		For Anodized Finish, Add	*437.90*	
		For Kynar® Standard Colors Finish, Add	*602.11*	
08 91 19 00-0081	EA	42" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,459.22	89.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*128.06*	
		For Clear Lacquer Finish, Add	*256.12*	
		For Baked Enamel Standard Colors, Add	*384.18*	
		For Anodized Finish, Add	*512.24*	
		For Kynar® Standard Colors Finish, Add	*704.34*	
08 91 19 00-0082	EA	42" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,616.23	94.71
		Note: Includes bird screen.		
		For Flange Frame, Add	*142.68*	
		For Clear Lacquer Finish, Add	*285.36*	
		For Baked Enamel Standard Colors, Add	*428.04*	
		For Anodized Finish, Add	*570.72*	
		For Kynar® Standard Colors Finish, Add	*784.74*	
08 91 19 00-0083	EA	42" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,751.72	100.12
		Note: Includes bird screen.		
		For Flange Frame, Add	*155.15*	
		For Clear Lacquer Finish, Add	*310.29*	
		For Baked Enamel Standard Colors, Add	*465.44*	
		For Anodized Finish, Add	*620.58*	
		For Kynar® Standard Colors Finish, Add	*853.30*	
08 91 19 00-0084	EA	42" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,913.01	108.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*169.65*	
		For Clear Lacquer Finish, Add	*339.30*	
		For Baked Enamel Standard Colors, Add	*508.96*	
		For Anodized Finish, Add	*678.61*	
		For Kynar® Standard Colors Finish, Add	*933.09*	
08 91 19 00-0085	EA	42" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,050.50	116.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*181.78*	
		For Clear Lacquer Finish, Add	*363.56*	
		For Baked Enamel Standard Colors, Add	*545.33*	
		For Anodized Finish, Add	*727.11*	
		For Kynar® Standard Colors Finish, Add	*999.78*	
08 91 19 00-0086	EA	42" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,266.20	124.48
		Note: Includes bird screen.		
		For Flange Frame, Add	*201.72*	
		For Clear Lacquer Finish, Add	*403.45*	
		For Baked Enamel Standard Colors, Add	*605.17*	
		For Anodized Finish, Add	*806.90*	
		For Kynar® Standard Colors Finish, Add	*1,109.48*	
08 91 19 00-0087	EA	42" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,403.70	132.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*213.85*	
		For Clear Lacquer Finish, Add	*427.70*	
		For Baked Enamel Standard Colors, Add	*641.55*	
		For Anodized Finish, Add	*855.40*	
		For Kynar® Standard Colors Finish, Add	*1,176.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0088	EA	42" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,560.71	138.01
		Note: Includes bird screen.		
		For Flange Frame, Add	*228.47*	
		For Clear Lacquer Finish, Add	*456.94*	
		For Baked Enamel Standard Colors, Add	*685.41*	
		For Anodized Finish, Add	*913.88*	
		For Kynar® Standard Colors Finish, Add	*1,256.58*	
08 91 19 00-0089	EA	42" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,718.87	143.43
		Note: Includes bird screen.		
		For Flange Frame, Add	*243.20*	
		For Clear Lacquer Finish, Add	*486.40*	
		For Baked Enamel Standard Colors, Add	*729.61*	
		For Anodized Finish, Add	*972.81*	
		For Kynar® Standard Colors Finish, Add	*1,337.61*	
08 91 19 00-0090	EA	42" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,864.30	151.54
		Note: Includes bird screen.		
		For Flange Frame, Add	*256.12*	
		For Clear Lacquer Finish, Add	*512.24*	
		For Baked Enamel Standard Colors, Add	*768.36*	
		For Anodized Finish, Add	*1,024.48*	
		For Kynar® Standard Colors Finish, Add	*1,408.67*	
08 91 19 00-0091	EA	42" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,072.07	159.66
		Note: Includes bird screen.		
		For Flange Frame, Add	*275.27*	
		For Clear Lacquer Finish, Add	*550.55*	
		For Baked Enamel Standard Colors, Add	*825.82*	
		For Anodized Finish, Add	*1,101.10*	
		For Kynar® Standard Colors Finish, Add	*1,514.01*	
08 91 19 00-0092	EA	48" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	829.89	56.83
		Note: Includes bird screen.		
		For Flange Frame, Add	*71.62*	
		For Clear Lacquer Finish, Add	*143.25*	
		For Baked Enamel Standard Colors, Add	*214.87*	
		For Anodized Finish, Add	*286.49*	
		For Kynar® Standard Colors Finish, Add	*393.93*	
08 91 19 00-0093	EA	48" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,016.75	70.35
		Note: Includes bird screen.		
		For Flange Frame, Add	*87.60*	
		For Clear Lacquer Finish, Add	*175.21*	
		For Baked Enamel Standard Colors, Add	*262.81*	
		For Anodized Finish, Add	*350.41*	
		For Kynar® Standard Colors Finish, Add	*481.82*	
08 91 19 00-0094	EA	48" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,191.39	81.18
		Note: Includes bird screen.		
		For Flange Frame, Add	*102.90*	
		For Clear Lacquer Finish, Add	*205.80*	
		For Baked Enamel Standard Colors, Add	*308.71*	
		For Anodized Finish, Add	*411.61*	
		For Kynar® Standard Colors Finish, Add	*565.96*	
08 91 19 00-0095	EA	48" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,373.09	89.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*119.45*	
		For Clear Lacquer Finish, Add	*238.90*	
		For Baked Enamel Standard Colors, Add	*358.34*	
		For Anodized Finish, Add	*477.79*	
		For Kynar® Standard Colors Finish, Add	*656.96*	
08 91 19 00-0096	EA	48" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,598.10	94.71
		Note: Includes bird screen.		
		For Flange Frame, Add	*140.87*	
		For Clear Lacquer Finish, Add	*281.73*	
		For Baked Enamel Standard Colors, Add	*422.60*	
		For Anodized Finish, Add	*563.47*	
		For Kynar® Standard Colors Finish, Add	*774.77*	
08 91 19 00-0097	EA	48" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,780.05	100.12
		Note: Includes bird screen.		
		For Flange Frame, Add	*157.98*	
		For Clear Lacquer Finish, Add	*315.96*	
		For Baked Enamel Standard Colors, Add	*473.94*	
		For Anodized Finish, Add	*631.92*	
		For Kynar® Standard Colors Finish, Add	*868.88*	
08 91 19 00-0098	EA	48" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,928.88	108.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*171.24*	
		For Clear Lacquer Finish, Add	*342.48*	
		For Baked Enamel Standard Colors, Add	*513.72*	
		For Anodized Finish, Add	*684.96*	
		For Kynar® Standard Colors Finish, Add	*941.81*	
08 91 19 00-0099	EA	48" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,164.96	116.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*193.22*	
		For Clear Lacquer Finish, Add	*386.45*	
		For Baked Enamel Standard Colors, Add	*579.67*	
		For Anodized Finish, Add	*772.90*	
		For Kynar® Standard Colors Finish, Add	*1,062.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0100	EA	48" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,266.20	124.48
		Note: Includes bird screen.		
		For Flange Frame, Add	*201.72*	
		For Clear Lacquer Finish, Add	*403.45*	
		For Baked Enamel Standard Colors, Add	*605.17*	
		For Anodized Finish, Add	*806.90*	
		For Kynar® Standard Colors Finish, Add	*1,109.48*	
08 91 19 00-0101	EA	48" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,496.63	132.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*223.14*	
		For Clear Lacquer Finish, Add	*446.29*	
		For Baked Enamel Standard Colors, Add	*669.43*	
		For Anodized Finish, Add	*892.57*	
		For Kynar® Standard Colors Finish, Add	*1,227.29*	
08 91 19 00-0102	EA	48" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,655.66	140.72
		Note: Includes bird screen.		
		For Flange Frame, Add	*237.42*	
		For Clear Lacquer Finish, Add	*474.84*	
		For Baked Enamel Standard Colors, Add	*712.27*	
		For Anodized Finish, Add	*949.69*	
		For Kynar® Standard Colors Finish, Add	*1,305.82*	
08 91 19 00-0103	EA	48" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,830.81	146.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*253.86*	
		For Clear Lacquer Finish, Add	*507.71*	
		For Baked Enamel Standard Colors, Add	*761.57*	
		For Anodized Finish, Add	*1,015.42*	
		For Kynar® Standard Colors Finish, Add	*1,396.20*	
08 91 19 00-0104	EA	48" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,005.96	151.54
		Note: Includes bird screen.		
		For Flange Frame, Add	*270.29*	
		For Clear Lacquer Finish, Add	*540.57*	
		For Baked Enamel Standard Colors, Add	*810.86*	
		For Anodized Finish, Add	*1,081.15*	
		For Kynar® Standard Colors Finish, Add	*1,486.58*	
08 91 19 00-0105	EA	48" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,151.64	156.96
		Note: Includes bird screen.		
		For Flange Frame, Add	*283.77*	
		For Clear Lacquer Finish, Add	*567.55*	
		For Baked Enamel Standard Colors, Add	*851.32*	
		For Anodized Finish, Add	*1,135.09*	
		For Kynar® Standard Colors Finish, Add	*1,560.75*	
08 91 19 00-0106	EA	48" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,391.14	165.08
		Note: Includes bird screen.		
		For Flange Frame, Add	*306.10*	
		For Clear Lacquer Finish, Add	*612.20*	
		For Baked Enamel Standard Colors, Add	*918.30*	
		For Anodized Finish, Add	*1,224.40*	
		For Kynar® Standard Colors Finish, Add	*1,683.54*	
08 91 19 00-0107	EA	54" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	918.65	64.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*78.88*	
		For Clear Lacquer Finish, Add	*157.75*	
		For Baked Enamel Standard Colors, Add	*236.63*	
		For Anodized Finish, Add	*315.50*	
		For Kynar® Standard Colors Finish, Add	*433.82*	
08 91 19 00-0108	EA	54" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,128.18	78.47
		Note: Includes bird screen.		
		For Flange Frame, Add	*97.12*	
		For Clear Lacquer Finish, Add	*194.24*	
		For Baked Enamel Standard Colors, Add	*291.37*	
		For Anodized Finish, Add	*388.49*	
		For Kynar® Standard Colors Finish, Add	*534.17*	
08 91 19 00-0109	EA	54" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,320.70	92.00
		Note: Includes bird screen.		
		For Flange Frame, Add	*113.67*	
		For Clear Lacquer Finish, Add	*227.34*	
		For Baked Enamel Standard Colors, Add	*341.00*	
		For Anodized Finish, Add	*454.67*	
		For Kynar® Standard Colors Finish, Add	*625.17*	
08 91 19 00-0110	EA	54" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,516.25	97.42
		Note: Includes bird screen.		
		For Flange Frame, Add	*132.14*	
		For Clear Lacquer Finish, Add	*264.28*	
		For Baked Enamel Standard Colors, Add	*396.42*	
		For Anodized Finish, Add	*528.56*	
		For Kynar® Standard Colors Finish, Add	*726.77*	
08 91 19 00-0111	EA	54" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,785.46	102.83
		Note: Includes bird screen.		
		For Flange Frame, Add	*157.98*	
		For Clear Lacquer Finish, Add	*315.96*	
		For Baked Enamel Standard Colors, Add	*473.94*	
		For Anodized Finish, Add	*631.92*	
		For Kynar® Standard Colors Finish, Add	*868.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0112	EA	54" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,971.94	108.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*175.55*	
		For Clear Lacquer Finish, Add	*351.09*	
		For Baked Enamel Standard Colors, Add	*526.64*	
		For Anodized Finish, Add	*702.18*	
		For Kynar® Standard Colors Finish, Add	*965.50*	
08 91 19 00-0113	EA	54" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,146.83	116.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*191.41*	
		For Clear Lacquer Finish, Add	*382.82*	
		For Baked Enamel Standard Colors, Add	*574.23*	
		For Anodized Finish, Add	*765.64*	
		For Kynar® Standard Colors Finish, Add	*1,052.76*	
08 91 19 00-0114	EA	54" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,404.46	124.48
		Note: Includes bird screen.		
		For Flange Frame, Add	*215.55*	
		For Clear Lacquer Finish, Add	*431.10*	
		For Baked Enamel Standard Colors, Add	*646.65*	
		For Anodized Finish, Add	*862.20*	
		For Kynar® Standard Colors Finish, Add	*1,185.53*	
08 91 19 00-0115	EA	54" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,585.02	132.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*231.98*	
		For Clear Lacquer Finish, Add	*463.96*	
		For Baked Enamel Standard Colors, Add	*695.95*	
		For Anodized Finish, Add	*927.93*	
		For Kynar® Standard Colors Finish, Add	*1,275.90*	
08 91 19 00-0116	EA	54" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,855.12	140.72
		Note: Includes bird screen.		
		For Flange Frame, Add	*257.37*	
		For Clear Lacquer Finish, Add	*514.74*	
		For Baked Enamel Standard Colors, Add	*772.10*	
		For Anodized Finish, Add	*1,029.47*	
		For Kynar® Standard Colors Finish, Add	*1,415.52*	
08 91 19 00-0117	EA	54" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,029.13	146.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*273.69*	
		For Clear Lacquer Finish, Add	*547.37*	
		For Baked Enamel Standard Colors, Add	*821.06*	
		For Anodized Finish, Add	*1,094.75*	
		For Kynar® Standard Colors Finish, Add	*1,505.28*	
08 91 19 00-0118	EA	54" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,228.09	151.54
		Note: Includes bird screen.		
		For Flange Frame, Add	*292.50*	
		For Clear Lacquer Finish, Add	*585.00*	
		For Baked Enamel Standard Colors, Add	*877.50*	
		For Anodized Finish, Add	*1,170.00*	
		For Kynar® Standard Colors Finish, Add	*1,608.75*	
08 91 19 00-0119	EA	54" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,419.10	156.96
		Note: Includes bird screen.		
		For Flange Frame, Add	*310.52*	
		For Clear Lacquer Finish, Add	*621.04*	
		For Baked Enamel Standard Colors, Add	*931.56*	
		For Anodized Finish, Add	*1,242.08*	
		For Kynar® Standard Colors Finish, Add	*1,707.85*	
08 91 19 00-0120	EA	54" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,577.25	162.37
		Note: Includes bird screen.		
		For Flange Frame, Add	*325.25*	
		For Clear Lacquer Finish, Add	*650.50*	
		For Baked Enamel Standard Colors, Add	*975.75*	
		For Anodized Finish, Add	*1,301.00*	
		For Kynar® Standard Colors Finish, Add	*1,788.88*	
08 91 19 00-0121	EA	54" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,856.41	170.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*351.54*	
		For Clear Lacquer Finish, Add	*703.09*	
		For Baked Enamel Standard Colors, Add	*1,054.63*	
		For Anodized Finish, Add	*1,406.17*	
		For Kynar® Standard Colors Finish, Add	*1,933.49*	
08 91 19 00-0122	EA	60" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	987.28	70.35
		Note: Includes bird screen.		
		For Flange Frame, Add	*84.66*	
		For Clear Lacquer Finish, Add	*169.31*	
		For Baked Enamel Standard Colors, Add	*253.97*	
		For Anodized Finish, Add	*338.62*	
		For Kynar® Standard Colors Finish, Add	*465.61*	
08 91 19 00-0123	EA	60" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,218.07	86.59
		Note: Includes bird screen.		
		For Flange Frame, Add	*104.49*	
		For Clear Lacquer Finish, Add	*208.98*	
		For Baked Enamel Standard Colors, Add	*313.46*	
		For Anodized Finish, Add	*417.95*	
		For Kynar® Standard Colors Finish, Add	*574.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0124	EA	60" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,416.53	97.42
		Note: Includes bird screen.		
		For Flange Frame, Add	*122.17*	
		For Clear Lacquer Finish, Add	*244.34*	
		For Baked Enamel Standard Colors, Add	*366.50*	
		For Anodized Finish, Add	*488.67*	
		For Kynar® Standard Colors Finish, Add	*671.92*	
08 91 19 00-0125	EA	60" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,642.67	102.83
		Note: Includes bird screen.		
		For Flange Frame, Add	*143.70*	
		For Clear Lacquer Finish, Add	*287.40*	
		For Baked Enamel Standard Colors, Add	*431.10*	
		For Anodized Finish, Add	*574.80*	
		For Kynar® Standard Colors Finish, Add	*790.35*	
08 91 19 00-0126	EA	60" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,922.95	110.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*170.11*	
		For Clear Lacquer Finish, Add	*340.21*	
		For Baked Enamel Standard Colors, Add	*510.32*	
		For Anodized Finish, Add	*680.42*	
		For Kynar® Standard Colors Finish, Add	*935.58*	
08 91 19 00-0127	EA	60" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,132.10	116.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*189.94*	
		For Clear Lacquer Finish, Add	*379.88*	
		For Baked Enamel Standard Colors, Add	*569.81*	
		For Anodized Finish, Add	*759.75*	
		For Kynar® Standard Colors Finish, Add	*1,044.66*	
08 91 19 00-0128	EA	60" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,314.93	124.48
		Note: Includes bird screen.		
		For Flange Frame, Add	*206.60*	
		For Clear Lacquer Finish, Add	*413.19*	
		For Baked Enamel Standard Colors, Add	*619.79*	
		For Anodized Finish, Add	*826.39*	
		For Kynar® Standard Colors Finish, Add	*1,136.28*	
08 91 19 00-0129	EA	60" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,590.69	132.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*232.55*	
		For Clear Lacquer Finish, Add	*465.10*	
		For Baked Enamel Standard Colors, Add	*697.65*	
		For Anodized Finish, Add	*930.20*	
		For Kynar® Standard Colors Finish, Add	*1,279.02*	
08 91 19 00-0130	EA	60" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,784.86	140.72
		Note: Includes bird screen.		
		For Flange Frame, Add	*250.34*	
		For Clear Lacquer Finish, Add	*500.68*	
		For Baked Enamel Standard Colors, Add	*751.03*	
		For Anodized Finish, Add	*1,001.37*	
		For Kynar® Standard Colors Finish, Add	*1,376.88*	
08 91 19 00-0131	EA	60" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,077.62	148.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*277.99*	
		For Clear Lacquer Finish, Add	*555.99*	
		For Baked Enamel Standard Colors, Add	*833.98*	
		For Anodized Finish, Add	*1,111.98*	
		For Kynar® Standard Colors Finish, Add	*1,528.97*	
08 91 19 00-0132	EA	60" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,262.96	154.25
		Note: Includes bird screen.		
		For Flange Frame, Add	*295.45*	
		For Clear Lacquer Finish, Add	*590.89*	
		For Baked Enamel Standard Colors, Add	*886.34*	
		For Anodized Finish, Add	*1,181.78*	
		For Kynar® Standard Colors Finish, Add	*1,624.95*	
08 91 19 00-0133	EA	60" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,474.38	159.66
		Note: Includes bird screen.		
		For Flange Frame, Add	*315.51*	
		For Clear Lacquer Finish, Add	*631.01*	
		For Baked Enamel Standard Colors, Add	*946.52*	
		For Anodized Finish, Add	*1,262.02*	
		For Kynar® Standard Colors Finish, Add	*1,735.28*	
08 91 19 00-0134	EA	60" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,681.26	165.08
		Note: Includes bird screen.		
		For Flange Frame, Add	*335.11*	
		For Clear Lacquer Finish, Add	*670.22*	
		For Baked Enamel Standard Colors, Add	*1,005.33*	
		For Anodized Finish, Add	*1,340.44*	
		For Kynar® Standard Colors Finish, Add	*1,843.11*	
08 91 19 00-0135	EA	60" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,856.41	170.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*351.54*	
		For Clear Lacquer Finish, Add	*703.09*	
		For Baked Enamel Standard Colors, Add	*1,054.63*	
		For Anodized Finish, Add	*1,406.17*	
		For Kynar® Standard Colors Finish, Add	*1,933.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0136	EA	60" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	4,149.41	175.90
		Note: Includes bird screen.		
		For Flange Frame, Add	*379.76*	
		For Clear Lacquer Finish, Add	*759.52*	
		For Baked Enamel Standard Colors, Add	*1,139.29*	
		For Anodized Finish, Add	*1,519.05*	
		For Kynar® Standard Colors Finish, Add	*2,088.69*	
08 91 19 00-0137	EA	66" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,139.76	75.77
		Note: Includes bird screen.		
		For Flange Frame, Add	*98.82*	
		For Clear Lacquer Finish, Add	*197.64*	
		For Baked Enamel Standard Colors, Add	*296.47*	
		For Anodized Finish, Add	*395.29*	
		For Kynar® Standard Colors Finish, Add	*543.52*	
08 91 19 00-0138	EA	66" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,410.23	92.00
		Note: Includes bird screen.		
		For Flange Frame, Add	*122.62*	
		For Clear Lacquer Finish, Add	*245.24*	
		For Baked Enamel Standard Colors, Add	*367.86*	
		For Anodized Finish, Add	*490.48*	
		For Kynar® Standard Colors Finish, Add	*674.42*	
08 91 19 00-0139	EA	66" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,643.29	108.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*142.68*	
		For Clear Lacquer Finish, Add	*285.36*	
		For Baked Enamel Standard Colors, Add	*428.04*	
		For Anodized Finish, Add	*570.72*	
		For Kynar® Standard Colors Finish, Add	*784.74*	
08 91 19 00-0140	EA	66" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,889.83	113.66
		Note: Includes bird screen.		
		For Flange Frame, Add	*166.25*	
		For Clear Lacquer Finish, Add	*332.50*	
		For Baked Enamel Standard Colors, Add	*498.76*	
		For Anodized Finish, Add	*665.01*	
		For Kynar® Standard Colors Finish, Add	*914.39*	
08 91 19 00-0141	EA	66" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,217.98	119.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*197.98*	
		For Clear Lacquer Finish, Add	*395.97*	
		For Baked Enamel Standard Colors, Add	*593.95*	
		For Anodized Finish, Add	*791.94*	
		For Kynar® Standard Colors Finish, Add	*1,088.91*	
08 91 19 00-0142	EA	66" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,446.39	124.48
		Note: Includes bird screen.		
		For Flange Frame, Add	*219.74*	
		For Clear Lacquer Finish, Add	*439.49*	
		For Baked Enamel Standard Colors, Add	*659.23*	
		For Anodized Finish, Add	*878.97*	
		For Kynar® Standard Colors Finish, Add	*1,208.59*	
08 91 19 00-0143	EA	66" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,665.49	132.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*240.03*	
		For Clear Lacquer Finish, Add	*480.06*	
		For Baked Enamel Standard Colors, Add	*720.09*	
		For Anodized Finish, Add	*960.12*	
		For Kynar® Standard Colors Finish, Add	*1,320.16*	
08 91 19 00-0144	EA	66" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,923.12	140.72
		Note: Includes bird screen.		
		For Flange Frame, Add	*264.17*	
		For Clear Lacquer Finish, Add	*528.34*	
		For Baked Enamel Standard Colors, Add	*792.50*	
		For Anodized Finish, Add	*1,056.67*	
		For Kynar® Standard Colors Finish, Add	*1,452.92*	
08 91 19 00-0145	EA	66" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,141.08	148.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*284.34*	
		For Clear Lacquer Finish, Add	*568.68*	
		For Baked Enamel Standard Colors, Add	*853.02*	
		For Anodized Finish, Add	*1,137.36*	
		For Kynar® Standard Colors Finish, Add	*1,563.87*	
08 91 19 00-0146	EA	66" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,476.65	159.66
		Note: Includes bird screen.		
		For Flange Frame, Add	*315.73*	
		For Clear Lacquer Finish, Add	*631.46*	
		For Baked Enamel Standard Colors, Add	*947.20*	
		For Anodized Finish, Add	*1,262.93*	
		For Kynar® Standard Colors Finish, Add	*1,736.53*	
08 91 19 00-0147	EA	66" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,686.67	167.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*335.11*	
		For Clear Lacquer Finish, Add	*670.22*	
		For Baked Enamel Standard Colors, Add	*1,005.33*	
		For Anodized Finish, Add	*1,340.44*	
		For Kynar® Standard Colors Finish, Add	*1,843.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0148	EA	66" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,910.55	173.19
		Note: Includes bird screen.		
		For Flange Frame, Add	*356.42*	
		For Clear Lacquer Finish, Add	*712.83*	
		For Baked Enamel Standard Colors, Add	*1,069.25*	
		For Anodized Finish, Add	*1,425.67*	
		For Kynar® Standard Colors Finish, Add	*1,960.29*	
08 91 19 00-0149	EA	66" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,138.96	178.61
		Note: Includes bird screen.		
		For Flange Frame, Add	*378.18*	
		For Clear Lacquer Finish, Add	*756.35*	
		For Baked Enamel Standard Colors, Add	*1,134.53*	
		For Anodized Finish, Add	*1,512.70*	
		For Kynar® Standard Colors Finish, Add	*2,079.97*	
08 91 19 00-0150	EA	66" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,336.78	184.02
		Note: Includes bird screen.		
		For Flange Frame, Add	*396.88*	
		For Clear Lacquer Finish, Add	*793.75*	
		For Baked Enamel Standard Colors, Add	*1,190.63*	
		For Anodized Finish, Add	*1,587.50*	
		For Kynar® Standard Colors Finish, Add	*2,182.81*	
08 91 19 00-0151	EA	66" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	4,663.78	189.43
		Note: Includes bird screen.		
		For Flange Frame, Add	*428.49*	
		For Clear Lacquer Finish, Add	*856.99*	
		For Baked Enamel Standard Colors, Add	*1,285.48*	
		For Anodized Finish, Add	*1,713.97*	
		For Kynar® Standard Colors Finish, Add	*2,356.71*	
08 91 19 00-0152	EA	72" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,202.72	81.18
		Note: Includes bird screen.		
		For Flange Frame, Add	*104.04*	
		For Clear Lacquer Finish, Add	*208.07*	
		For Baked Enamel Standard Colors, Add	*312.11*	
		For Anodized Finish, Add	*416.14*	
		For Kynar® Standard Colors Finish, Add	*572.19*	
08 91 19 00-0153	EA	72" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,486.79	97.42
		Note: Includes bird screen.		
		For Flange Frame, Add	*129.19*	
		For Clear Lacquer Finish, Add	*258.39*	
		For Baked Enamel Standard Colors, Add	*387.58*	
		For Anodized Finish, Add	*516.78*	
		For Kynar® Standard Colors Finish, Add	*710.57*	
08 91 19 00-0154	EA	72" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,732.31	113.66
		Note: Includes bird screen.		
		For Flange Frame, Add	*150.50*	
		For Clear Lacquer Finish, Add	*301.00*	
		For Baked Enamel Standard Colors, Add	*451.50*	
		For Anodized Finish, Add	*602.00*	
		For Kynar® Standard Colors Finish, Add	*827.75*	
08 91 19 00-0155	EA	72" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,999.00	121.77
		Note: Includes bird screen.		
		For Flange Frame, Add	*175.55*	
		For Clear Lacquer Finish, Add	*351.09*	
		For Baked Enamel Standard Colors, Add	*526.64*	
		For Anodized Finish, Add	*702.18*	
		For Kynar® Standard Colors Finish, Add	*965.50*	
08 91 19 00-0156	EA	72" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,350.94	127.19
		Note: Includes bird screen.		
		For Flange Frame, Add	*209.66*	
		For Clear Lacquer Finish, Add	*419.31*	
		For Baked Enamel Standard Colors, Add	*628.97*	
		For Anodized Finish, Add	*838.63*	
		For Kynar® Standard Colors Finish, Add	*1,153.11*	
08 91 19 00-0157	EA	72" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,591.82	132.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*232.66*	
		For Clear Lacquer Finish, Add	*465.32*	
		For Baked Enamel Standard Colors, Add	*697.99*	
		For Anodized Finish, Add	*930.65*	
		For Kynar® Standard Colors Finish, Add	*1,279.64*	
08 91 19 00-0158	EA	72" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,825.65	140.72
		Note: Includes bird screen.		
		For Flange Frame, Add	*254.42*	
		For Clear Lacquer Finish, Add	*508.84*	
		For Baked Enamel Standard Colors, Add	*763.26*	
		For Anodized Finish, Add	*1,017.68*	
		For Kynar® Standard Colors Finish, Add	*1,399.32*	
08 91 19 00-0159	EA	72" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,092.59	146.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*280.03*	
		For Clear Lacquer Finish, Add	*560.07*	
		For Baked Enamel Standard Colors, Add	*840.10*	
		For Anodized Finish, Add	*1,120.13*	
		For Kynar® Standard Colors Finish, Add	*1,540.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0160	EA	72" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,320.76	154.25
		Note: Includes bird screen.		
		For Flange Frame, Add	*301.23*	
		For Clear Lacquer Finish, Add	*602.45*	
		For Baked Enamel Standard Colors, Add	*903.68*	
		For Anodized Finish, Add	*1,204.90*	
		For Kynar® Standard Colors Finish, Add	*1,656.74*	
08 91 19 00-0161	EA	72" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,686.67	167.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*335.11*	
		For Clear Lacquer Finish, Add	*670.22*	
		For Baked Enamel Standard Colors, Add	*1,005.33*	
		For Anodized Finish, Add	*1,340.44*	
		For Kynar® Standard Colors Finish, Add	*1,843.11*	
08 91 19 00-0162	EA	72" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,918.22	175.90
		Note: Includes bird screen.		
		For Flange Frame, Add	*356.64*	
		For Clear Lacquer Finish, Add	*713.29*	
		For Baked Enamel Standard Colors, Add	*1,069.93*	
		For Anodized Finish, Add	*1,426.57*	
		For Kynar® Standard Colors Finish, Add	*1,961.54*	
08 91 19 00-0163	EA	72" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,148.91	181.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*378.63*	
		For Clear Lacquer Finish, Add	*757.26*	
		For Baked Enamel Standard Colors, Add	*1,135.89*	
		For Anodized Finish, Add	*1,514.52*	
		For Kynar® Standard Colors Finish, Add	*2,082.46*	
08 91 19 00-0164	EA	72" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,382.98	186.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*400.95*	
		For Clear Lacquer Finish, Add	*801.91*	
		For Baked Enamel Standard Colors, Add	*1,202.86*	
		For Anodized Finish, Add	*1,603.82*	
		For Kynar® Standard Colors Finish, Add	*2,205.25*	
08 91 19 00-0165	EA	72" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,602.34	192.14
		Note: Includes bird screen.		
		For Flange Frame, Add	*421.81*	
		For Clear Lacquer Finish, Add	*843.61*	
		For Baked Enamel Standard Colors, Add	*1,265.42*	
		For Anodized Finish, Add	*1,687.23*	
		For Kynar® Standard Colors Finish, Add	*2,319.94*	
08 91 19 00-0166	EA	72" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	4,950.88	197.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*455.58*	
		For Clear Lacquer Finish, Add	*911.16*	
		For Baked Enamel Standard Colors, Add	*1,366.74*	
		For Anodized Finish, Add	*1,822.32*	
		For Kynar® Standard Colors Finish, Add	*2,505.68*	
08 91 19 00-0167	EA	78" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,279.27	86.59
		Note: Includes bird screen.		
		For Flange Frame, Add	*110.61*	
		For Clear Lacquer Finish, Add	*221.22*	
		For Baked Enamel Standard Colors, Add	*331.82*	
		For Anodized Finish, Add	*442.43*	
		For Kynar® Standard Colors Finish, Add	*608.34*	
08 91 19 00-0168	EA	78" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,571.27	102.83
		Note: Includes bird screen.		
		For Flange Frame, Add	*136.56*	
		For Clear Lacquer Finish, Add	*273.12*	
		For Baked Enamel Standard Colors, Add	*409.68*	
		For Anodized Finish, Add	*546.24*	
		For Kynar® Standard Colors Finish, Add	*751.08*	
08 91 19 00-0169	EA	78" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,822.47	119.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*158.43*	
		For Clear Lacquer Finish, Add	*316.87*	
		For Baked Enamel Standard Colors, Add	*475.30*	
		For Anodized Finish, Add	*633.73*	
		For Kynar® Standard Colors Finish, Add	*871.38*	
08 91 19 00-0170	EA	78" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,107.28	127.19
		Note: Includes bird screen.		
		For Flange Frame, Add	*185.29*	
		For Clear Lacquer Finish, Add	*370.58*	
		For Baked Enamel Standard Colors, Add	*555.87*	
		For Anodized Finish, Add	*741.16*	
		For Kynar® Standard Colors Finish, Add	*1,019.10*	
08 91 19 00-0171	EA	78" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,479.63	132.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*221.44*	
		For Clear Lacquer Finish, Add	*442.89*	
		For Baked Enamel Standard Colors, Add	*664.33*	
		For Anodized Finish, Add	*885.77*	
		For Kynar® Standard Colors Finish, Add	*1,217.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0172	EA	78" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,730.70	138.01
		Note: Includes bird screen.		
		For Flange Frame, Add	*245.47*	
		For Clear Lacquer Finish, Add	*490.94*	
		For Baked Enamel Standard Colors, Add	*736.40*	
		For Anodized Finish, Add	*981.87*	
		For Kynar® Standard Colors Finish, Add	*1,350.07*	
08 91 19 00-0173	EA	78" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,981.53	146.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*268.93*	
		For Clear Lacquer Finish, Add	*537.85*	
		For Baked Enamel Standard Colors, Add	*806.78*	
		For Anodized Finish, Add	*1,075.71*	
		For Kynar® Standard Colors Finish, Add	*1,479.10*	
08 91 19 00-0174	EA	78" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,264.35	151.54
		Note: Includes bird screen.		
		For Flange Frame, Add	*296.13*	
		For Clear Lacquer Finish, Add	*592.25*	
		For Baked Enamel Standard Colors, Add	*888.38*	
		For Anodized Finish, Add	*1,184.50*	
		For Kynar® Standard Colors Finish, Add	*1,628.69*	
08 91 19 00-0175	EA	78" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,509.51	159.66
		Note: Includes bird screen.		
		For Flange Frame, Add	*319.02*	
		For Clear Lacquer Finish, Add	*638.04*	
		For Baked Enamel Standard Colors, Add	*957.05*	
		For Anodized Finish, Add	*1,276.07*	
		For Kynar® Standard Colors Finish, Add	*1,754.60*	
08 91 19 00-0176	EA	78" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,899.21	173.19
		Note: Includes bird screen.		
		For Flange Frame, Add	*355.28*	
		For Clear Lacquer Finish, Add	*710.57*	
		For Baked Enamel Standard Colors, Add	*1,065.85*	
		For Anodized Finish, Add	*1,421.13*	
		For Kynar® Standard Colors Finish, Add	*1,954.06*	
08 91 19 00-0177	EA	78" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,142.11	181.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*377.95*	
		For Clear Lacquer Finish, Add	*755.90*	
		For Baked Enamel Standard Colors, Add	*1,133.85*	
		For Anodized Finish, Add	*1,511.80*	
		For Kynar® Standard Colors Finish, Add	*2,078.72*	
08 91 19 00-0178	EA	78" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,396.33	189.43
		Note: Includes bird screen.		
		For Flange Frame, Add	*401.75*	
		For Clear Lacquer Finish, Add	*803.50*	
		For Baked Enamel Standard Colors, Add	*1,205.24*	
		For Anodized Finish, Add	*1,606.99*	
		For Kynar® Standard Colors Finish, Add	*2,209.61*	
08 91 19 00-0179	EA	78" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,630.41	194.85
		Note: Includes bird screen.		
		For Flange Frame, Add	*424.07*	
		For Clear Lacquer Finish, Add	*848.15*	
		For Baked Enamel Standard Colors, Add	*1,272.22*	
		For Anodized Finish, Add	*1,696.29*	
		For Kynar® Standard Colors Finish, Add	*2,332.40*	
08 91 19 00-0180	EA	78" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,864.50	200.26
		Note: Includes bird screen.		
		For Flange Frame, Add	*446.40*	
		For Clear Lacquer Finish, Add	*892.80*	
		For Baked Enamel Standard Colors, Add	*1,339.20*	
		For Anodized Finish, Add	*1,785.60*	
		For Kynar® Standard Colors Finish, Add	*2,455.19*	
08 91 19 00-0181	EA	78" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,235.70	205.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*482.44*	
		For Clear Lacquer Finish, Add	*964.87*	
		For Baked Enamel Standard Colors, Add	*1,447.31*	
		For Anodized Finish, Add	*1,929.75*	
		For Kynar® Standard Colors Finish, Add	*2,653.40*	
08 91 19 00-0182	EA	84" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,341.10	92.00
		Note: Includes bird screen.		
		For Flange Frame, Add	*115.71*	
		For Clear Lacquer Finish, Add	*231.42*	
		For Baked Enamel Standard Colors, Add	*347.12*	
		For Anodized Finish, Add	*462.83*	
		For Kynar® Standard Colors Finish, Add	*636.39*	
08 91 19 00-0183	EA	84" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,645.56	108.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*142.91*	
		For Clear Lacquer Finish, Add	*285.81*	
		For Baked Enamel Standard Colors, Add	*428.72*	
		For Anodized Finish, Add	*571.63*	
		For Kynar® Standard Colors Finish, Add	*785.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0184	EA	84" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,923.95	124.48
		Note: Includes bird screen.		
		For Flange Frame, Add	*167.50*	
		For Clear Lacquer Finish, Add	*335.00*	
		For Baked Enamel Standard Colors, Add	*502.50*	
		For Anodized Finish, Add	*670.00*	
		For Kynar® Standard Colors Finish, Add	*921.24*	
08 91 19 00-0185	EA	84" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,217.84	132.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*195.26*	
		For Clear Lacquer Finish, Add	*390.53*	
		For Baked Enamel Standard Colors, Add	*585.79*	
		For Anodized Finish, Add	*781.06*	
		For Kynar® Standard Colors Finish, Add	*1,073.95*	
08 91 19 00-0186	EA	84" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,613.98	138.01
		Note: Includes bird screen.		
		For Flange Frame, Add	*233.80*	
		For Clear Lacquer Finish, Add	*467.59*	
		For Baked Enamel Standard Colors, Add	*701.39*	
		For Anodized Finish, Add	*935.18*	
		For Kynar® Standard Colors Finish, Add	*1,285.88*	
08 91 19 00-0187	EA	84" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,879.79	143.43
		Note: Includes bird screen.		
		For Flange Frame, Add	*259.29*	
		For Clear Lacquer Finish, Add	*518.59*	
		For Baked Enamel Standard Colors, Add	*777.88*	
		For Anodized Finish, Add	*1,037.18*	
		For Kynar® Standard Colors Finish, Add	*1,426.12*	
08 91 19 00-0188	EA	84" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,136.29	151.54
		Note: Includes bird screen.		
		For Flange Frame, Add	*283.32*	
		For Clear Lacquer Finish, Add	*566.64*	
		For Baked Enamel Standard Colors, Add	*849.96*	
		For Anodized Finish, Add	*1,133.28*	
		For Kynar® Standard Colors Finish, Add	*1,558.26*	
08 91 19 00-0189	EA	84" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,441.76	156.96
		Note: Includes bird screen.		
		For Flange Frame, Add	*312.79*	
		For Clear Lacquer Finish, Add	*625.57*	
		For Baked Enamel Standard Colors, Add	*938.36*	
		For Anodized Finish, Add	*1,251.14*	
		For Kynar® Standard Colors Finish, Add	*1,720.32*	
08 91 19 00-0190	EA	84" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,699.39	165.08
		Note: Includes bird screen.		
		For Flange Frame, Add	*336.92*	
		For Clear Lacquer Finish, Add	*673.85*	
		For Baked Enamel Standard Colors, Add	*1,010.77*	
		For Anodized Finish, Add	*1,347.70*	
		For Kynar® Standard Colors Finish, Add	*1,853.08*	
08 91 19 00-0191	EA	84" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,112.89	178.61
		Note: Includes bird screen.		
		For Flange Frame, Add	*375.57*	
		For Clear Lacquer Finish, Add	*751.14*	
		For Baked Enamel Standard Colors, Add	*1,126.71*	
		For Anodized Finish, Add	*1,502.28*	
		For Kynar® Standard Colors Finish, Add	*2,065.63*	
08 91 19 00-0192	EA	84" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,364.85	186.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*399.14*	
		For Clear Lacquer Finish, Add	*798.28*	
		For Baked Enamel Standard Colors, Add	*1,197.42*	
		For Anodized Finish, Add	*1,596.56*	
		For Kynar® Standard Colors Finish, Add	*2,195.28*	
08 91 19 00-0193	EA	84" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,641.75	194.85
		Note: Includes bird screen.		
		For Flange Frame, Add	*425.21*	
		For Clear Lacquer Finish, Add	*850.41*	
		For Baked Enamel Standard Colors, Add	*1,275.62*	
		For Anodized Finish, Add	*1,700.83*	
		For Kynar® Standard Colors Finish, Add	*2,338.64*	
08 91 19 00-0194	EA	84" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,939.30	200.26
		Note: Includes bird screen.		
		For Flange Frame, Add	*453.88*	
		For Clear Lacquer Finish, Add	*907.76*	
		For Baked Enamel Standard Colors, Add	*1,361.64*	
		For Anodized Finish, Add	*1,815.52*	
		For Kynar® Standard Colors Finish, Add	*2,496.33*	
08 91 19 00-0195	EA	84" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	5,207.37	205.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*479.60*	
		For Clear Lacquer Finish, Add	*959.21*	
		For Baked Enamel Standard Colors, Add	*1,438.81*	
		For Anodized Finish, Add	*1,918.42*	
		For Kynar® Standard Colors Finish, Add	*2,637.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0196	EA	84" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,606.92	211.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*518.48*	
		For Clear Lacquer Finish, Add	*1,036.95*	
		For Baked Enamel Standard Colors, Add	*1,555.43*	
		For Anodized Finish, Add	*2,073.90*	
		For Kynar® Standard Colors Finish, Add	*2,851.62*	
08 91 19 00-0197	EA	90" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,421.94	100.12
		Note: Includes bird screen.		
		For Flange Frame, Add	*122.17*	
		For Clear Lacquer Finish, Add	*244.34*	
		For Baked Enamel Standard Colors, Add	*366.50*	
		For Anodized Finish, Add	*488.67*	
		For Kynar® Standard Colors Finish, Add	*671.92*	
08 91 19 00-0198	EA	90" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,730.92	116.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*149.82*	
		For Clear Lacquer Finish, Add	*299.64*	
		For Baked Enamel Standard Colors, Add	*449.46*	
		For Anodized Finish, Add	*599.28*	
		For Kynar® Standard Colors Finish, Add	*824.01*	
08 91 19 00-0199	EA	90" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	2,020.65	132.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*175.55*	
		For Clear Lacquer Finish, Add	*351.09*	
		For Baked Enamel Standard Colors, Add	*526.64*	
		For Anodized Finish, Add	*702.18*	
		For Kynar® Standard Colors Finish, Add	*965.50*	
08 91 19 00-0200	EA	90" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,323.61	140.72
		Note: Includes bird screen.		
		For Flange Frame, Add	*204.22*	
		For Clear Lacquer Finish, Add	*408.43*	
		For Baked Enamel Standard Colors, Add	*612.65*	
		For Anodized Finish, Add	*816.87*	
		For Kynar® Standard Colors Finish, Add	*1,123.19*	
08 91 19 00-0201	EA	90" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,746.94	146.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*245.47*	
		For Clear Lacquer Finish, Add	*490.94*	
		For Baked Enamel Standard Colors, Add	*736.40*	
		For Anodized Finish, Add	*981.87*	
		For Kynar® Standard Colors Finish, Add	*1,350.07*	
08 91 19 00-0202	EA	90" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	3,021.83	151.54
		Note: Includes bird screen.		
		For Flange Frame, Add	*271.87*	
		For Clear Lacquer Finish, Add	*543.75*	
		For Baked Enamel Standard Colors, Add	*815.62*	
		For Anodized Finish, Add	*1,087.50*	
		For Kynar® Standard Colors Finish, Add	*1,495.31*	
08 91 19 00-0203	EA	90" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,284.24	156.96
		Note: Includes bird screen.		
		For Flange Frame, Add	*297.03*	
		For Clear Lacquer Finish, Add	*594.07*	
		For Baked Enamel Standard Colors, Add	*891.10*	
		For Anodized Finish, Add	*1,188.13*	
		For Kynar® Standard Colors Finish, Add	*1,633.68*	
08 91 19 00-0204	EA	90" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,606.72	162.37
		Note: Includes bird screen.		
		For Flange Frame, Add	*328.20*	
		For Clear Lacquer Finish, Add	*656.40*	
		For Baked Enamel Standard Colors, Add	*984.59*	
		For Anodized Finish, Add	*1,312.79*	
		For Kynar® Standard Colors Finish, Add	*1,805.09*	
08 91 19 00-0205	EA	90" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,877.95	170.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*353.70*	
		For Clear Lacquer Finish, Add	*707.39*	
		For Baked Enamel Standard Colors, Add	*1,061.09*	
		For Anodized Finish, Add	*1,414.79*	
		For Kynar® Standard Colors Finish, Add	*1,945.33*	
08 91 19 00-0206	EA	90" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,315.24	184.02
		Note: Includes bird screen.		
		For Flange Frame, Add	*394.72*	
		For Clear Lacquer Finish, Add	*789.44*	
		For Baked Enamel Standard Colors, Add	*1,184.16*	
		For Anodized Finish, Add	*1,578.88*	
		For Kynar® Standard Colors Finish, Add	*2,170.97*	
08 91 19 00-0207	EA	90" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,578.54	192.14
		Note: Includes bird screen.		
		For Flange Frame, Add	*419.43*	
		For Clear Lacquer Finish, Add	*838.85*	
		For Baked Enamel Standard Colors, Add	*1,258.28*	
		For Anodized Finish, Add	*1,677.71*	
		For Kynar® Standard Colors Finish, Add	*2,306.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0208	EA	90" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,880.37	200.26
		Note: Includes bird screen.		
		For Flange Frame, Add	*447.99*	
		For Clear Lacquer Finish, Add	*895.97*	
		For Baked Enamel Standard Colors, Add	*1,343.96*	
		For Anodized Finish, Add	*1,791.94*	
		For Kynar® Standard Colors Finish, Add	*2,463.92*	
08 91 19 00-0209	EA	90" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	5,196.04	205.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*478.47*	
		For Clear Lacquer Finish, Add	*956.94*	
		For Baked Enamel Standard Colors, Add	*1,435.41*	
		For Anodized Finish, Add	*1,913.88*	
		For Kynar® Standard Colors Finish, Add	*2,631.59*	
08 91 19 00-0210	EA	90" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	5,462.73	213.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*503.52*	
		For Clear Lacquer Finish, Add	*1,007.03*	
		For Baked Enamel Standard Colors, Add	*1,510.55*	
		For Anodized Finish, Add	*2,014.06*	
		For Kynar® Standard Colors Finish, Add	*2,769.34*	
08 91 19 00-0211	EA	90" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,886.07	219.19
		Note: Includes bird screen.		
		For Flange Frame, Add	*544.77*	
		For Clear Lacquer Finish, Add	*1,089.54*	
		For Baked Enamel Standard Colors, Add	*1,634.30*	
		For Anodized Finish, Add	*2,179.07*	
		For Kynar® Standard Colors Finish, Add	*2,996.22*	
08 91 19 00-0212	EA	96" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,491.43	108.24
		Note: Includes bird screen.		
		For Flange Frame, Add	*127.49*	
		For Clear Lacquer Finish, Add	*254.99*	
		For Baked Enamel Standard Colors, Add	*382.48*	
		For Anodized Finish, Add	*509.98*	
		For Kynar® Standard Colors Finish, Add	*701.22*	
08 91 19 00-0213	EA	96" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,811.75	124.48
		Note: Includes bird screen.		
		For Flange Frame, Add	*156.28*	
		For Clear Lacquer Finish, Add	*312.56*	
		For Baked Enamel Standard Colors, Add	*468.84*	
		For Anodized Finish, Add	*625.12*	
		For Kynar® Standard Colors Finish, Add	*859.53*	
08 91 19 00-0214	EA	96" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	2,116.22	140.72
		Note: Includes bird screen.		
		For Flange Frame, Add	*183.48*	
		For Clear Lacquer Finish, Add	*366.96*	
		For Baked Enamel Standard Colors, Add	*550.43*	
		For Anodized Finish, Add	*733.91*	
		For Kynar® Standard Colors Finish, Add	*1,009.13*	
08 91 19 00-0215	EA	96" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,436.18	148.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*213.85*	
		For Clear Lacquer Finish, Add	*427.70*	
		For Baked Enamel Standard Colors, Add	*641.55*	
		For Anodized Finish, Add	*855.40*	
		For Kynar® Standard Colors Finish, Add	*1,176.18*	
08 91 19 00-0216	EA	96" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,873.11	154.25
		Note: Includes bird screen.		
		For Flange Frame, Add	*256.46*	
		For Clear Lacquer Finish, Add	*512.92*	
		For Baked Enamel Standard Colors, Add	*769.38*	
		For Anodized Finish, Add	*1,025.84*	
		For Kynar® Standard Colors Finish, Add	*1,410.54*	
08 91 19 00-0217	EA	96" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	3,194.46	159.66
		Note: Includes bird screen.		
		For Flange Frame, Add	*287.51*	
		For Clear Lacquer Finish, Add	*575.03*	
		For Baked Enamel Standard Colors, Add	*862.54*	
		For Anodized Finish, Add	*1,150.05*	
		For Kynar® Standard Colors Finish, Add	*1,581.32*	
08 91 19 00-0218	EA	96" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,473.87	165.08
		Note: Includes bird screen.		
		For Flange Frame, Add	*314.37*	
		For Clear Lacquer Finish, Add	*628.74*	
		For Baked Enamel Standard Colors, Add	*943.12*	
		For Anodized Finish, Add	*1,257.49*	
		For Kynar® Standard Colors Finish, Add	*1,729.05*	
08 91 19 00-0219	EA	96" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,780.48	170.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*343.95*	
		For Clear Lacquer Finish, Add	*687.90*	
		For Baked Enamel Standard Colors, Add	*1,031.85*	
		For Anodized Finish, Add	*1,375.80*	
		For Kynar® Standard Colors Finish, Add	*1,891.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0220	EA	96" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	4,064.42	175.90
		Note: Includes bird screen.		
		For Flange Frame, Add	*371.26*	
		For Clear Lacquer Finish, Add	*742.53*	
		For Baked Enamel Standard Colors, Add	*1,113.79*	
		For Anodized Finish, Add	*1,485.05*	
		For Kynar® Standard Colors Finish, Add	*2,041.95*	
08 91 19 00-0221	EA	96" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,534.59	189.43
		Note: Includes bird screen.		
		For Flange Frame, Add	*415.57*	
		For Clear Lacquer Finish, Add	*831.15*	
		For Baked Enamel Standard Colors, Add	*1,246.72*	
		For Anodized Finish, Add	*1,662.30*	
		For Kynar® Standard Colors Finish, Add	*2,285.66*	
08 91 19 00-0222	EA	96" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,587.54	197.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*319.25*	
		For Clear Lacquer Finish, Add	*638.49*	
		For Baked Enamel Standard Colors, Add	*957.74*	
		For Anodized Finish, Add	*1,276.98*	
		For Kynar® Standard Colors Finish, Add	*1,755.85*	
08 91 19 00-0223	EA	96" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	5,115.58	205.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*470.43*	
		For Clear Lacquer Finish, Add	*940.85*	
		For Baked Enamel Standard Colors, Add	*1,411.28*	
		For Anodized Finish, Add	*1,881.70*	
		For Kynar® Standard Colors Finish, Add	*2,587.34*	
08 91 19 00-0224	EA	96" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	5,442.59	211.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*502.04*	
		For Clear Lacquer Finish, Add	*1,004.09*	
		For Baked Enamel Standard Colors, Add	*1,506.13*	
		For Anodized Finish, Add	*2,008.17*	
		For Kynar® Standard Colors Finish, Add	*2,761.24*	
08 91 19 00-0225	EA	96" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	5,722.87	219.19
		Note: Includes bird screen.		
		For Flange Frame, Add	*528.45*	
		For Clear Lacquer Finish, Add	*1,056.90*	
		For Baked Enamel Standard Colors, Add	*1,585.34*	
		For Anodized Finish, Add	*2,113.79*	
		For Kynar® Standard Colors Finish, Add	*2,906.46*	
08 91 19 00-0226	EA	96" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	6,177.69	227.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*572.31*	
		For Clear Lacquer Finish, Add	*1,144.61*	
		For Baked Enamel Standard Colors, Add	*1,716.92*	
		For Anodized Finish, Add	*2,289.22*	
		For Kynar® Standard Colors Finish, Add	*3,147.68*	
08 91 19 00-0227		Gable Louver Vents *(08 91 19)*		
		Note: 1" deep, residential/light commercial grade louvers.		
08 91 19 00-0228		Aluminum Gable Louver Vents *(08 91 19 00-0227)*		
		Note: Includes screen.		
08 91 19 00-0229		Rectangular Aluminum Gable Louver Vents *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0230	EA	12" x 18" Rectangular Fixed Aluminum Gable Louver Vent	255.33	9.56
08 91 19 00-0231	EA	12" x 24" Rectangular Fixed Aluminum Gable Louver Vent	278.98	10.97
08 91 19 00-0232	EA	18" x 24" Rectangular Fixed Aluminum Gable Louver Vent	322.04	12.39
08 91 19 00-0233	EA	18" x 30" Rectangular Fixed Aluminum Gable Louver Vent	353.47	13.17
08 91 19 00-0234	EA	24" x 30" Rectangular Fixed Aluminum Gable Louver Vent	404.29	13.95
08 91 19 00-0235	EA	24" x 36" Rectangular Fixed Aluminum Gable Louver Vent	451.47	16.73
08 91 19 00-0236	EA	30" x 36" Rectangular Fixed Aluminum Gable Louver Vent	522.23	20.91
08 91 19 00-0237	EA	30" x 42" Rectangular Fixed Aluminum Gable Louver Vent	581.21	24.40
08 91 19 00-0238	EA	36" x 42" Rectangular Fixed Aluminum Gable Louver Vent	663.76	29.28
08 91 19 00-0239	EA	42" x 48" Rectangular Fixed Aluminum Gable Louver Vent	828.86	39.04
08 91 19 00-0240		Square Aluminum Gable Louver Vents *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0241	EA	12" x 12" Square Fixed Aluminum Gable Louver Vent	233.66	8.80
08 91 19 00-0242	EA	18" x 18" Square Fixed Aluminum Gable Louver Vent	289.21	11.15
08 91 19 00-0243	EA	24" x 24" Square Fixed Aluminum Gable Louver Vent	363.16	13.16
08 91 19 00-0244	EA	30" x 30" Square Fixed Aluminum Gable Louver Vent	463.27	17.43
08 91 19 00-0245	EA	36" x 36" Square Fixed Aluminum Gable Louver Vent	592.99	25.10
08 91 19 00-0246	EA	42" x 42" Square Fixed Aluminum Gable Louver Vent	746.24	34.14
08 91 19 00-0247	EA	48" x 48" Square Fixed Aluminum Gable Louver Vent	923.22	44.61
08 91 19 00-0248		Round Aluminum Gable Louver Vents *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0249	EA	12" Diameter Round Fixed Aluminum Gable Louver Vent	233.66	8.80
08 91 19 00-0250	EA	18" Diameter Round Fixed Aluminum Gable Louver Vent	289.21	11.15

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0251	EA	24" Diameter Round Fixed Aluminum Gable Louver Vent	363.16	13.16
08 91 19 00-0252	EA	30" Diameter Round Fixed Aluminum Gable Louver Vent	463.27	17.43
08 91 19 00-0253	EA	36" Diameter Round Fixed Aluminum Gable Louver Vent	592.99	25.10
08 91 19 00-0254	EA	42" Diameter Round Fixed Aluminum Gable Louver Vent	746.32	34.16
08 91 19 00-0255		**Octagonal Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0256	EA	12" x 12" Octagonal Fixed Aluminum Gable Louver Vent	233.66	8.80
08 91 19 00-0257	EA	12" x 18" Octagonal Fixed Aluminum Gable Louver Vent	255.33	9.56
08 91 19 00-0258	EA	12" x 24" Octagonal Fixed Aluminum Gable Louver Vent	278.98	10.97
08 91 19 00-0259	EA	18" x 18" Octagonal Fixed Aluminum Gable Louver Vent	289.21	11.15
08 91 19 00-0260	EA	18" x 24" Octagonal Fixed Aluminum Gable Louver Vent	322.04	12.39
08 91 19 00-0261	EA	18" x 30" Octagonal Fixed Aluminum Gable Louver Vent	353.47	13.17
08 91 19 00-0262	EA	24" x 24" Octagonal Fixed Aluminum Gable Louver Vent	363.16	13.16
08 91 19 00-0263	EA	24" x 30" Octagonal Fixed Aluminum Gable Louver Vent	404.29	13.95
08 91 19 00-0264	EA	24" x 36" Octagonal Fixed Aluminum Gable Louver Vent	451.47	16.73
08 91 19 00-0265	EA	30" x 30" Octagonal Fixed Aluminum Gable Louver Vent	463.27	17.43
08 91 19 00-0266	EA	30" x 36" Octagonal Fixed Aluminum Gable Louver Vent	522.23	20.91
08 91 19 00-0267	EA	30" x 42" Octagonal Fixed Aluminum Gable Louver Vent	581.21	24.40
08 91 19 00-0268	EA	36" x 36" Octagonal Fixed Aluminum Gable Louver Vent	592.99	25.10
08 91 19 00-0269	EA	36" x 42" Octagonal Fixed Aluminum Gable Louver Vent	663.76	29.28
08 91 19 00-0270	EA	36" x 48" Octagonal Fixed Aluminum Gable Louver Vent	734.52	33.46
08 91 19 00-0271	EA	42" x 42" Octagonal Fixed Aluminum Gable Louver Vent	746.32	34.16
08 91 19 00-0272	EA	42" x 48" Octagonal Fixed Aluminum Gable Louver Vent	828.86	39.04
08 91 19 00-0273	EA	48" x 48" Octagonal Fixed Aluminum Gable Louver Vent	923.22	44.61
08 91 19 00-0274		**Round Top Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0275	EA	12" x 12" Round Top Fixed Aluminum Gable Louver Vent	233.66	8.80
08 91 19 00-0276	EA	12" x 18" Round Top Fixed Aluminum Gable Louver Vent	255.33	9.56
08 91 19 00-0277	EA	12" x 24" Round Top Fixed Aluminum Gable Louver Vent	278.98	10.97
08 91 19 00-0278	EA	18" x 18" Round Top Fixed Aluminum Gable Louver Vent	289.21	11.15
08 91 19 00-0279	EA	18" x 24" Round Top Fixed Aluminum Gable Louver Vent	322.04	12.39
08 91 19 00-0280	EA	18" x 30" Round Top Fixed Aluminum Gable Louver Vent	353.47	13.17
08 91 19 00-0281	EA	24" x 24" Round Top Fixed Aluminum Gable Louver Vent	363.16	13.16
08 91 19 00-0282	EA	24" x 30" Round Top Fixed Aluminum Gable Louver Vent	404.29	13.95
08 91 19 00-0283	EA	24" x 36" Round Top Fixed Aluminum Gable Louver Vent	451.47	16.73
08 91 19 00-0284	EA	30" x 30" Round Top Fixed Aluminum Gable Louver Vent	463.27	17.43
08 91 19 00-0285	EA	30" x 36" Round Top Fixed Aluminum Gable Louver Vent	522.23	20.91
08 91 19 00-0286	EA	30" x 42" Round Top Fixed Aluminum Gable Louver Vent	581.21	24.40
08 91 19 00-0287	EA	36" x 36" Round Top Fixed Aluminum Gable Louver Vent	592.99	25.10
08 91 19 00-0288	EA	36" x 42" Round Top Fixed Aluminum Gable Louver Vent	663.76	29.28
08 91 19 00-0289	EA	36" x 48" Round Top Fixed Aluminum Gable Louver Vent	734.52	33.46
08 91 19 00-0290	EA	42" x 42" Round Top Fixed Aluminum Gable Louver Vent	746.32	34.16
08 91 19 00-0291	EA	42" x 48" Round Top Fixed Aluminum Gable Louver Vent	828.86	39.04
08 91 19 00-0292	EA	48" x 48" Round Top Fixed Aluminum Gable Louver Vent	923.22	44.61
08 91 19 00-0293		**Triangle Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0294	EA	36" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	492.39	10.97
08 91 19 00-0295	EA	36" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	557.17	13.16
08 91 19 00-0296	EA	48" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	598.30	13.95
08 91 19 00-0297	EA	48" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	684.28	16.73
08 91 19 00-0298	EA	48" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	763.98	17.43
08 91 19 00-0299	EA	60" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	619.23	20.91
08 91 19 00-0300	EA	60" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	726.72	24.40
08 91 19 00-0301	EA	60" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	825.81	25.10
08 91 19 00-0302	EA	60" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	935.37	29.28
08 91 19 00-0303	EA	72" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	734.52	33.46
08 91 19 00-0304	EA	72" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	853.03	34.16
08 91 19 00-0305	EA	72" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	984.07	39.04
08 91 19 00-0306	EA	72" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	1,117.23	44.61
08 91 19 00-0307	EA	72" Base x 48" High Triangle Fixed Aluminum Gable Louver Vent	1,253.62	51.27
08 91 19 00-0308		**Vinyl Gable Louver Vents** *(08 91 19 00-0227)*		
		Note: Includes screen.		
08 91 19 00-0309	EA	12" x 12" Square Fixed Vinyl Gable Louver Vent	71.23	8.80
08 91 19 00-0310	EA	12" x 18" Rectangular Fixed Vinyl Gable Louver Vent	86.96	9.56
08 91 19 00-0311	EA	18" x 24" Rectangular Fixed Vinyl Gable Louver Vent	119.18	12.39
08 91 19 00-0312	EA	24" x 30" Rectangular Fixed Vinyl Gable Louver Vent	165.73	13.95
08 91 19 00-0313	EA	18" Diameter Round Fixed Vinyl Gable Louver Vent	116.08	11.15
08 91 19 00-0314	EA	22" Diameter Round Fixed Vinyl Gable Louver Vent	133.92	13.16
08 91 19 00-0315	EA	30" Diameter Round Fixed Vinyl Gable Louver Vent	189.76	17.43
08 91 19 00-0316	EA	36" Diameter Round Fixed Vinyl Gable Louver Vent	277.63	25.10
08 91 19 00-0317	EA	18" x 18" Octagonal Fixed Vinyl Gable Louver Vent	116.08	11.15
08 91 19 00-0318	EA	22" x 22" Octagonal Fixed Vinyl Gable Louver Vent	131.60	12.39
08 91 19 00-0319	EA	27" x 27" Octagonal Fixed Vinyl Gable Louver Vent	171.46	13.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0320	EA	32" x 32" Octagonal Fixed Vinyl Gable Louver Vent	242.57	20.91
08 91 19 00-0321	EA	40" x 40" Octagonal Fixed Vinyl Gable Louver Vent	589.82	33.46
08 91 19 00-0322	EA	14" x 22" Round Top Fixed Vinyl Gable Louver Vent	113.73	10.97
08 91 19 00-0323	EA	22" x 32" Round Top Fixed Vinyl Gable Louver Vent	159.60	13.95
08 91 19 00-0324	EA	34" x 22" Half Round Fixed Vinyl Gable Louver Vent	163.50	16.73
08 91 19 00-0325	EA	52" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	389.50	20.91
08 91 19 00-0326	EA	56" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	389.50	20.91
08 91 19 00-0327	EA	56" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	389.50	20.91
08 91 19 00-0328	EA	62" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	389.50	20.91
08 91 19 00-0329	EA	62-1/2" Base x 21" High Triangle Fixed Vinyl Gable Louver Vent	389.50	20.91
08 91 19 00-0330	EA	70-1/2" Base x 17" High Triangle Fixed Vinyl Gable Louver Vent	427.18	33.46
08 91 19 00-0331	EA	70-1/2" Base x 20-1/2" High Triangle Fixed Vinyl Gable Louver Vent	427.18	33.46
08 91 19 00-0332	EA	72-1/2" Base x 18" High Triangle Fixed Vinyl Gable Louver Vent	427.18	33.46
08 91 19 00-0333	EA	74" Base x 14-1/2" High Triangle Fixed Vinyl Gable Louver Vent	427.18	33.46

08 95 Vents *(08 90)*

08 95 13 Soffit Vents *(08 95)*

08 95 13 00-0001 Aluminum Soffit Vents *(08 95 13)*

08 95 13 00-0002	LF	2-1/2" Wide Aluminum Soffit Vent	7.28	2.49
08 95 13 00-0003	LF	3" Wide Aluminum Soffit Vent	12.80	4.88
08 95 13 00-0004	EA	4" x 16" Under Eave Vent, Mill Finish	21.76	6.50
08 95 13 00-0005	EA	8" x 16" Under Eave Vent, Mill Finish	22.70	6.50

08 95 13 00-0006 Vinyl Soffit Vents *(08 95 13)*

08 95 13 00-0007	LF	Up To 2" Vinyl Soffit Vent, Perforated, White	6.25	2.57
		For Colors, Add	*0.11*	
08 95 13 00-0008	LF	3" To 4" Vinyl Soffit Vent, Perforated, White	6.70	2.57
		For Colors, Add	*0.16*	

08 95 16 Wall Vents *(08 95)*

08 95 16 00-0001 Foundation Vents *(08 95 16)*

08 95 16 00-0002	SI	Galvanized Steel Foundation Vent	0.47	0.18
08 95 16 00-0003	SI	Aluminum Foundation Vent	0.93	0.18
08 95 16 00-0004	SI	Stainless Steel Foundation Vent	0.89	0.18
08 95 16 00-0005	SI	Plastic Foundation Vent	0.54	0.18

END OF SECTION 08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 Finishes

09 01 Maintenance of Finishes *(09)*

09 01 20 Maintenance of Plaster and Gypsum Board *(09 01)*

09 01 20 91 Plaster Restoration *(09 01 20)*

09 01 20 91-0001 Cut And Patch Hole In Gypsum Board To Match Existing *(09 01 20 91)*
Note: Includes cutting of existing gypsum board, cutting new board to fit opening, taping, gypsum board finishing, and disposal of debris into dumpster. Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 32 SF.

09 01 20 91-0002	SF	Up To 2 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	19.19
09 01 20 91-0003	SF	>2 To 4 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	15.50
09 01 20 91-0004	SF	>4 To 8 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	13.92
09 01 20 91-0005	SF	>8 To 16 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	12.28
09 01 20 91-0006	SF	>16 To 32 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location. See CSI section 09 29 10 00-0001 for "Gypsum Board" repairs > 32 SF.	10.99

09 01 20 91-0007 Patch/Finish Gypsum Board To Match Existing *(09 01 20 91)*
Note: Includes taping, gypsum board finishing. Per location. See CSI section 09 01 20 91-0001 for patching walls requiring gypsum board to be cut and inistalled.

09 01 20 91-0008	EA	Tape, Spackle And Finish Gypsum Board To Patch/Finish Small Diameter Holes Or Screw Head Pops	1.74
		For ASTM C840 Level 1 Finish, Deduct	*-0.84*
		For ASTM C840 Level 2 Finish, Deduct	*-0.42*
		For ASTM C840 Level 3 Finish, Deduct	*-0.17*
		For ASTM C840 Level 5 High Quality Finish, Add	*1.29*

09 01 20 91-0009 Plaster/Stucco Repair *(09 01 20 91)*
Note: Per location.

09 01 20 91-0010 Clean And Repair Crack In Plaster/Stucco *(09 01 20 91-0009)*
Note: Includes plaster weld.

09 01 20 91-0011	LF	Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco	18.71
09 01 20 91-0012	LF	>10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco	15.02
09 01 20 91-0013	LF	>50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco	12.25
09 01 20 91-0014	LF	>100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco	9.48
09 01 20 91-0015	LF	>250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco	7.64
09 01 20 91-0016	LF	>500', Chip, Clean And Repair Crack In Plaster/Stucco	5.79

09 01 20 91-0017 Cut And Patch Hole In Plaster/Stucco To Match Existing *(09 01 20 91-0009)*
Note: Includes plaster weld.

09 01 20 91-0018	SF	Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing	17.98
09 01 20 91-0019	SF	>10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing	15.94
09 01 20 91-0020	SF	>50 To 100 SF, Cut And Patch Hole In Plaster To Match Existing	14.69
09 01 20 91-0021	SF	>100 To 250 SF, Cut And Patch Hole In Plaster To Match Existing	13.67
09 01 20 91-0022	SF	>250 To 500 SF, Cut And Patch Hole In Plaster To Match Existing	12.76
09 01 20 91-0023	SF	>500 SF, Cut And Patch Hole In Plaster To Match Existing	11.76

09 01 20 91-0024 Chip, Clean And Repair Plaster/Stucco *(09 01 20 91-0009)*
Note: Includes plaster weld.

09 01 20 91-0025	SF	Up To 10 SF, Chip, Clean And Repair Plaster/Stucco	33.80
09 01 20 91-0026	SF	>10 To 50 SF, Chip, Clean And Repair Plaster/Stucco	24.57
09 01 20 91-0027	SF	>50 To 250 SF, Chip, Clean And Repair Plaster/Stucco	18.11
09 01 20 91-0028	SF	>250 SF, Chip, Clean And Repair Plaster/Stucco	14.42

09 01 30 Maintenance of Tiling *(09 01)*

09 01 30 91 Tile Restoration *(09 01 30)*

09 01 30 91-0001	SF	Regrout Floor Tile Including Removal Of Loose Grout	7.00
09 01 30 91-0002	SF	Regrout Wall Tile Including Removal Of Loose Grout	8.73
09 01 30 91-0003	SF	Up To 1 SF, Cut And Patch Hole In Wall Tile To Match Existing Note: Per location.	45.94

09 01 60 Maintenance of Flooring *(09 01)*

09 01 60 91 Flooring Restoration *(09 01 60)*

09 01 60 91-0001 Grinding, Polishing And Sealing Terrazzo *(09 01 60 91)*

09 01 60 91-0002	CSF	Grinding, Polishing And Sealing Existing Terrazzo	298.68

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 60 91-0003	SF	Removal Of Setting Bed And Clean Area For Terrazzo Repair	4.54	
09 01 60 91-0004	SF	Repair Existing Terrazzo	21.01	
09 01 60 91-0005	LF	Repair Cracks In Existing Terrazzo	4.69	
09 01 60 91-0006		Standard Flooring Maintenance *(09 01 60 91)*		
09 01 60 91-0007	CSF	Steam Clean Carpet	45.91	
09 01 60 91-0008	CSF	Wax And Polish Tile And VCT Flooring	50.63	
		For Additional Coat, Add	*42.39*	
		For Stripping Existing Wax From Floor, Add	*48.27*	
09 01 60 91-0009	CSF	Wax And Polish Wood Flooring	30.98	
		For Additional Coat, Add	*27.32*	
		For Stripping Existing Wax From Floor, Add	*48.27*	
09 01 60 91-0010	MSF	Vacuum Floors	25.48	
09 01 60 91-0011		Prepare Existing Concrete Floor Prior To Installation Of Flooring *(09 01 60 91)*		
09 01 60 91-0012	SY	Grinding Of Existing Concrete Floor Prior To Installation Of Flooring Note: Up to 1/8" of material per pass	9.18	
09 01 60 91-0013	LF	Up To 6" Wide, Hand Detail Work/Grinding At Wall Of Existing Concrete Floor Prior To Installation Of Flooring Note: Up to 1/4" of material per pass	17.35	
09 01 60 91-0014	SY	Chemical Prepare Existing Concrete Floor Prior To Installation Of Flooring	7.97	
09 01 60 91-0015		Floor Sealants *(09 01 60 91)*		
09 01 60 91-0016	SF	Water-Based Emulsion, Masonry/Tile/Stone/Terrazzo Floor Sealant/Finish, Per Coat Note: For terrazzo, concrete, quarry tile, brick and unglazed ceramic tile.	1.20	
09 01 60 91-0017	SF	Water-Based, Clear Acrylic, Concrete Floor Sealant/Finish, Per Coat Note: For interior/exterior concrete surfaces.	1.37	
09 01 60 91-0018	SF	Fluorochemical Acrylate Copolymer Masonry/Tile/Stone/Terrazzo Floor Sealant	1.35	
09 01 60 91-0019	GAL	Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner)	46.61	

09 01 80 Maintenance of Acoustic Treatment *(09 01)*

09 01 80 00-0001		Removal Of Acoustical Ceiling Treatment *(09 01 80)*		
09 01 80 00-0002	SF	Removal Of Acoustical And Popcorn Ceilings Treatment	2.19	

09 01 90 Maintenance of Painting and Coating *(09 01)*

09 01 90 52 Maintenance Repainting *(09 01 90)*

09 01 90 52-0001 Cleaning And Preparation Of Painted And Unpainted Surfaces *(09 01 90 52)*

Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Media blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment.

09 01 90 52-0002 Concrete And Masonry Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0003	SF	Trisodium Phosphate (TSP), Clean Concrete Or Masonry Surfaces, Surface Preparation	0.43	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.09*	
09 01 90 52-0004	SF	Calcimine Removal/Washing, Concrete And Masonry Surfaces, Surface Preparation	0.45	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.09*	
09 01 90 52-0005	SF	Chemical Clean, Brush And Wash, Concrete And Masonry Surfaces, Surface Preparation	0.71	
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.15*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.13*	
09 01 90 52-0006	SF	Hand Scrape, Concrete And Masonry Surfaces, Surface Preparation	0.58	
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.15*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0007	SF	Steam Clean, Concrete And Masonry Surfaces, Surface Preparation	0.84	
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.19*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.16*	
09 01 90 52-0008	SF	Up To 5,000 PSI Pressure Wash, Concrete And Masonry Surfaces, Surface Preparation	0.54	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.10*	
09 01 90 52-0009	SF	10,000 To 12,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation	1.50	
		For Up To 100, Add	*2.72*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.35*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 15,000, Deduct	*-0.14*	
		For >15,000 To 30,000, Deduct	*-0.22*	
		For >30,000, Deduct	*-0.29*	
09 01 90 52-0010	SF	30,000 To 40,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation	2.48	
		For Up To 100, Add	*4.68*	
		For >100 To 250, Add	*1.19*	
		For >250 To 500, Add	*0.59*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 15,000, Deduct	*-0.24*	
		For >15,000 To 30,000, Deduct	*-0.37*	
		For >30,000, Deduct	*-0.49*	
09 01 90 52-0011	SF	Abrasive Glass Media Blasting, Concrete And Masonry Surfaces, Surface Preparation Note: 3 lbs of sand or glass abrasive media material per SF	3.67	
		For 4.5 lbs Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	*2.13*	
		For 6 lbs Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	*4.41*	
		For 9 lbs Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	*7.34*	
		For Up To 100, Add	*6.25*	
		For >100 To 250, Add	*1.65*	
		For >250 To 500, Add	*0.81*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 15,000, Deduct	*-0.34*	
		For >15,000 To 30,000, Deduct	*-0.53*	
		For >30,000, Deduct	*-0.70*	

09 01 90 52-0012 Drywall Surfaces, Surface Preparation *(09 01 90 52-0001)*

See CSI section 09 01 20 91-0007 for Patch holes other than nail/screw holes and greater than 1/2" diameter.

09 01 90 52-0013	SF	Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping), Surface Preparation	0.33	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
09 01 90 52-0014	SF	Hand Wash, Minor Repair And Light Sanding Drywall Surfaces, Surface Preparation	0.55	
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.14*	
09 01 90 52-0015	SF	Hand Scrape, Repair And Sand Severely Damaged Drywall Surfaces, Surface Preparation	1.04	
		For Up To 100, Add	*1.98*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.25*	

09 01 90 52-0016 Metal Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0017	SF	Trisodium Phosphate (TSP), Clean Metal Surfaces, Surface Preparation	0.41	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	
09 01 90 52-0018	SF	Chemical Clean, Brush And Wash, Metal Surfaces, Surface Preparation	0.71	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0019	SF	Hand Scraping And Sanding, Metal Surfaces, Surface Preparation	0.58	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	
09 01 90 52-0020	SF	Up To 5,000 PSI Pressure Wash, Metal Surfaces, Surface Preparation	0.51	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.10*	
09 01 90 52-0021	SF	Power Tool Cleaning, Metal Surfaces, Surface Preparation	1.29	
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 15,000, Deduct	*-0.13*	
		For >15,000 To 30,000, Deduct	*-0.19*	
		For >30,000, Deduct	*-0.26*	
09 01 90 52-0022	SF	Steam Cleaning, Metal Surfaces, Surface Preparation	0.53	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.10*	
09 01 90 52-0023	SF	Loose Mill Scale With Fine Powder, Commercial Blast, Metal Surfaces, Surface Preparation	1.12	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.10*	
		For >15,000 To 30,000, Deduct	*-0.16*	
		For >30,000, Deduct	*-0.21*	
09 01 90 52-0024	SF	Tight Mill Scale With Fine Powder Rust, Commercial Blast, Metal Surfaces, Surface Preparation	1.52	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.18*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 15,000, Deduct	*-0.14*	
		For >15,000 To 30,000, Deduct	*-0.22*	
		For >30,000, Deduct	*-0.29*	
09 01 90 52-0025	SF	Exterior Coating Blistered Pitted, Rust, Commercial Blast, Metal Surfaces, Surface Preparation	2.25	
		For Up To 100, Add	*1.39*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 15,000, Deduct	*-0.21*	
		For >15,000 To 30,000, Deduct	*-0.33*	
		For >30,000, Deduct	*-0.43*	
09 01 90 52-0026	SF	Badly Pitted With Rust Nodules, Commercial Blast, Metal Surfaces, Surface Preparation	3.75	
		For Up To 100, Add	*2.31*	
		For >100 To 250, Add	*1.08*	
		For >250 To 500, Add	*0.46*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 15,000, Deduct	*-0.35*	
		For >15,000 To 30,000, Deduct	*-0.54*	
		For >30,000, Deduct	*-0.72*	
09 01 90 52-0027	SF	Loose Mill Scale With Fine Powder Rust, Near White Blast, Metal Surfaces, Surface Preparation	2.85	
		For Up To 100, Add	*1.73*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 15,000, Deduct	*-0.26*	
		For >15,000 To 30,000, Deduct	*-0.41*	
		For >30,000, Deduct	*-0.54*	
09 01 90 52-0028	SF	Tight Mill Scale Little Rust, Near White Blast, Metal Surfaces, Surface Preparation	3.54	
		For Up To 100, Add	*2.14*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.43*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 15,000, Deduct	*-0.33*	
		For >15,000 To 30,000, Deduct	*-0.51*	
		For >30,000, Deduct	*-0.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0029	SF	Exterior Coat Blistered Pitted Rust, Near White Blast, Metal Surfaces, Surface Preparation	4.58	
		For Up To 100, Add	*2.77*	
		For >100 To 250, Add	*1.29*	
		For >250 To 500, Add	*0.55*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 15,000, Deduct	*-0.42*	
		For >15,000 To 30,000, Deduct	*-0.66*	
		For >30,000, Deduct	*-0.87*	
09 01 90 52-0030	SF	Badly Pitted Rust Nodules, Near White Blast, Metal Surfaces, Surface Preparation	5.72	
		For Up To 100, Add	*3.46*	
		For >100 To 250, Add	*1.61*	
		For >250 To 500, Add	*0.69*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 15,000, Deduct	*-0.53*	
		For >15,000 To 30,000, Deduct	*-0.82*	
		For >30,000, Deduct	*-1.09*	

09 01 90 52-0031 Tile Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0032	SF	Trisodium Phosphate (TSP), Clean Tile Surfaces, Surface Preparation	0.37	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.05*	
		For >30,000, Deduct	*-0.07*	
09 01 90 52-0033	CSF	Chemical Alkaline Cleaner, Brush And Wash Tile Surfaces, Surface Preparation	36.59	
		For Up To 100, Add	*27.18*	
		For >100 To 250, Add	*12.68*	
		For >250 To 500, Add	*5.44*	
		For >5,000 To 10,000, Deduct	*-1.82*	
		For >10,000 To 15,000, Deduct	*-3.65*	
		For >15,000 To 30,000, Deduct	*-5.48*	
		For >30,000, Deduct	*-7.30*	
09 01 90 52-0034	SF	Up To 5,000 PSI, Pressure Wash Tile Surfaces, Surface Preparation	0.37	
		For Up To 100, Add	*0.23*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.03*	
		For >15,000 To 30,000, Deduct	*-0.05*	
		For >30,000, Deduct	*-0.07*	

09 01 90 52-0035 Wood Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0036	SF	Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening	1.34	
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 15,000, Deduct	*-0.13*	
		For >15,000 To 30,000, Deduct	*-0.20*	
		For >30,000, Deduct	*-0.26*	
09 01 90 52-0037	SF	Trisodium Phosphate (TSP), Clean Wood Surfaces, Surface Preparation	0.39	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	
09 01 90 52-0038	SF	Chemical Clean, Brush And Wash Wood Surfaces, Surface Preparation	0.60	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.11*	
09 01 90 52-0039	SF	Hand Scrape Wood Surfaces, Surface Preparation	0.86	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.13*	
		For >30,000, Deduct	*-0.17*	
09 01 90 52-0040	SF	Steam Clean Wood Surfaces, Surface Preparation	0.82	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0041	SF	Up To 5,000 PSI, Pressure Wash Wood Surfaces, Surface Preparation	0.56	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.11*	
09 01 90 52-0042	SF	Sanding Wood Paneling, Boards, Doors Or Other Wood Surfaces, Surface Preparation	0.77	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.11*	
		For >30,000, Deduct	*-0.15*	
09 01 90 52-0043	SF	Sanding Wood Trim Surfaces, Surface Preparation	1.04	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.10*	
		For >15,000 To 30,000, Deduct	*-0.15*	
		For >30,000, Deduct	*-0.20*	
09 01 90 52-0044	SF	Prime Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	0.70	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.13*	
09 01 90 52-0045	SF	Paint Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	0.81	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.16*	

09 01 90 52-0046 Vinyl Siding Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0047	SF	Trisodium Phosphate (TSP), Clean, Vinyl Siding Surfaces, Surface Preparation	0.37	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.05*	
		For >30,000, Deduct	*-0.07*	
09 01 90 52-0048	SF	Hand Wash,Vinyl Siding Surfaces, Surface Preparation	0.59	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	
09 01 90 52-0049	SF	Up To 5,000 PSI Pressure Wash, Vinyl Siding Surfaces, Surface Preparation	0.46	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.09*	
09 01 90 52-0050	SF	Steam Clean, Vinyl Siding Surfaces, Surface Preparation	0.86	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.16*	

09 01 90 52-0051 Plaster/Stucco Surfaces, Surface Preparation *(09 01 90 52-0001)*

Note: Based on total project quantity.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0052	SF	Trisodium Phosphate (TSP), Clean Plaster/Stucco Surfaces, Surface Preparation	0.43	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.09*	
09 01 90 52-0053	SF	Up To 5,000 PSI Pressure Wash Plaster/Stucco Surfaces, Surface Preparation	0.60	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.11*	
09 01 90 52-0054		Prep Work *(09 01 90 52-0001)*		
09 01 90 52-0055	SF	Citrus Strip, Single Applications	1.05	
		Note: For removal of up to 40 mils each application (average 5 layers at 8 mils per layer) dried latex and oil-based paint, varnish, lacquer, polyurethane and shellac from wood, metal, and masonry surfaces. Multiple applications may be necessary, refer to manufacturer recommendations		
09 01 90 52-0056		Corrosive Inhibitor Sealant For Concrete *(09 01 90 52-0001)*		
09 01 90 52-0057	SF	Corrosive Inhibitor Sealant For Concrete	0.74	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
09 01 90 61		**Repainting** *(09 01 90)*		
09 01 90 61-0001		Touchup and "Spot" Painting Of Surfaces *(09 01 90 61)*		
		Note: For use on individual areas less than 10 SF.		
09 01 90 61-0002	SF	"Spot" Paint Drywall, Plaster, Wood And Concrete Surfaces, Per Coat	1.32	
09 01 90 91		**Paint Restoration** *(09 01 90)*		
09 01 90 91-0001		Paint Removal, Strip To Bare Wood *(09 01 90 91)*		
09 01 90 91-0002	SF	Flat Surfaces, Paint Removal, Strip To Bare Wood	6.66	
09 01 90 91-0003	SF	Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood	7.09	
09 05		**Common Work Results for Finishes** *(09)*		
09 05 05		**Selective Demolition for Finishes** *(09 05)*		
09 05 05 00-0001		Selective Demolition for Finishes *(09 05 05)*		
09 05 05 00-0002	SF	Demoliton Of 5/8" Lath And Plaster Assembly, Applied Directly To Concrete Surface	6.17	
09 05 61		**Common Work Results for Flooring Preparation** *(09 05)*		
09 05 61 13		**Moisture Vapor Emission Control** *(09 05 61)*		
09 05 61 13-0001		Moisture Vapor Reduction System (Koester VAP) *(09 05 61 13)*		
09 05 61 13-0002	EA	Up To 200 SF, Water Vapor Emission Control System (Koester VAP 1-2000)	2,831.99	
		Note: Clear		
09 05 61 13-0003	SF	>200 To 500 SF, Water Vapor Emission Control System (Koester VAP 1-2001)	15.00	
		Note: Clear		
09 05 61 13-0004	SF	>500 To 1,000 SF, Water Vapor Emission Control System (Koester VAP 1-2002)	9.99	
		Note: Clear		
09 05 61 13-0005	SF	>1,000 To 3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2003)	8.33	
		Note: Clear		
09 05 61 13-0006	SF	>3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2004)	6.66	
		Note: Clear		
09 05 61 13-0007		Moisture Vapor Transmission Control (Dependable Cutdown® II) *(09 05 61 13)*		
09 05 61 13-0008	SF	8# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	4.55	
09 05 61 13-0009	SF	15# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	6.29	
09 05 71		**Acoustic Underlayment** *(09 05)*		
09 05 71 00-0001		Tile And Stone Acoustical Underlayment *(09 05 71)*		
09 05 71 00-0002	SF	5 Mil Tile And Stone Acoustical Underlayment (EasyMat)	4.21	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*0.49*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 05 71 00-0003		Resilient Floor Acoustical Underlayment *(09 05 71)*			
09 05 71 00-0004	SF	Vinyl, Linoleum, LVT And Vinyl Strip Flooring Acoustical Underlayment (Impacta, Soundseal VC300)		3.12	
09 05 71 00-0005	SF	2 MM Thick Resilient Plank Floor Acoustical Underlayment (Floormuffler)		1.73	
09 05 71 00-0006	SF	0.055" Thick High Density Polyurethane Foam Floor Acoustical Underlayment (Silencer LVT)		2.19	

09 20 Plaster and Gypsum Board *(09)*

09 22 Supports for Plaster and Gypsum Board *(09 20)*

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 22 13 Metal Furring *(09 22)*

09 22 13 13 Metal Channel Furring *(09 22 13)*

09 22 13 13-0001 Hat Furring Channel *(09 22 13 13)*

Note: Includes clips where required.

09 22 13 13-0002 Installed On Walls, Hat Furring Channel *(09 22 13 13-0001)*

09 22 13 13-0003	SF	7/8", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel		4.49	1.52
		For Walls >10' High, Add	*0.46*		
		For 24" On Center, Deduct	*-0.59*		
		For 12" On Center, Add	*0.75*		
		For 22 Gauge, Add	*0.72*		
		For 20 Gauge, Add	*1.41*		
09 22 13 13-0004	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel		5.07	1.52
		For Walls >10' High, Add	*0.46*		
		For 24" On Center, Deduct	*-0.71*		
		For 12" On Center, Add	*0.86*		
		For 22 Gauge, Add	*1.01*		
		For 20 Gauge, Add	*1.79*		

09 22 13 13-0005 Installed On Columns And Beams, Hat Furring Channel *(09 22 13 13-0001)*

09 22 13 13-0006	SF	7/8", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel		6.13	2.34
		For Columns And Beams >10' High, Add	*0.94*		
		For 24" On Center, Deduct	*-0.76*		
		For 12" On Center, Add	*0.99*		
		For 22 Gauge, Add	*0.73*		
		For 20 Gauge, Add	*1.66*		
09 22 13 13-0007	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel		6.70	2.34
		For Columns And Beams >10' High, Add	*0.94*		
		For 24" On Center, Deduct	*-0.87*		
		For 12" On Center, Add	*1.11*		
		For 22 Gauge, Add	*1.01*		
		For 20 Gauge, Add	*2.04*		

09 22 13 13-0008 Installed On Ceilings, Hat Furring Channel *(09 22 13 13-0001)*

09 22 13 13-0009	SF	7/8", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel		6.14	1.87
		For Ceilings >10' High, Add	*0.56*		
		For 24" On Center, Deduct	*-0.85*		
		For 12" On Center, Add	*1.04*		
		For 22 Gauge, Add	*1.20*		
		For 20 Gauge, Add	*2.15*		
09 22 13 13-0010	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel		6.71	1.87
		For Ceilings >10' High, Add	*0.56*		
		For 24" On Center, Deduct	*-0.97*		
		For 12" On Center, Add	*1.16*		
		For 22 Gauge, Add	*1.49*		
		For 20 Gauge, Add	*2.52*		

09 22 13 13-0011 Z Furring Channel *(09 22 13 13)*

09 22 13 13-0012 Installed On Walls, Z Furring Channel *(09 22 13 13-0011)*

09 22 13 13-0013	SF	1", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel		3.35	1.52
		For Walls >10' High, Add	*0.46*		
		For 24" On Center, Deduct	*-0.37*		
		For 12" On Center, Add	*0.52*		
		For 22 Gauge, Add	*0.15*		
		For 20 Gauge, Add	*0.66*		
09 22 13 13-0014	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel		3.41	1.52
		For Walls >10' High, Add	*0.46*		
		For 24" On Center, Deduct	*-0.38*		
		For 12" On Center, Add	*0.53*		
		For 22 Gauge, Add	*0.18*		
		For 20 Gauge, Add	*0.70*		
09 22 13 13-0015	SF	2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel		3.46	1.52
		For Walls >10' High, Add	*0.46*		
		For 24" On Center, Deduct	*-0.39*		
		For 12" On Center, Add	*0.54*		
		For 22 Gauge, Add	*0.21*		
		For 20 Gauge, Add	*0.73*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 13 13-0016		SF	2-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.51	1.52
			For Walls >10' High, Add	*0.46*	
			For 24" On Center, Deduct	*-0.40*	
			For 12" On Center, Add	*0.55*	
			For 22 Gauge, Add	*0.23*	
			For 20 Gauge, Add	*0.76*	
09 22 13 13-0017		SF	3", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.55	1.52
			For Walls >10' High, Add	*0.46*	
			For 24" On Center, Deduct	*-0.41*	
			For 12" On Center, Add	*0.56*	
			For 22 Gauge, Add	*0.25*	
			For 20 Gauge, Add	*0.79*	

09 22 13 23 Resilient Channel Furring *(09 22 13)*

09 22 13 23-0001 Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23)*

Note: Includes clips where required.

09 22 13 23-0002 Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23-0001)*

09 22 13 23-0003		SF	25 Gauge, 16" On Center, Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel	3.69	1.52
			For Walls >10' High, Add	*0.46*	
			For 24" On Center, Deduct	*-0.43*	
			For 12" On Center, Add	*0.59*	
			For 20 Gauge, Add	*0.88*	

09 22 13 23-0004 Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23-0001)*

09 22 13 23-0005		SF	25 Gauge, 16" On Center, Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel	4.38	1.87
			For Ceilings >10' High, Add	*0.56*	
			For 24" On Center, Deduct	*-0.50*	
			For 12" On Center, Add	*0.69*	
			For 20 Gauge, Add	*0.98*	

09 22 13 23-0006 Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23)*

Note: Includes clips where required.

09 22 13 23-0007 Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23-0006)*

09 22 13 23-0008		SF	25 Gauge, 16" On Center, Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel	3.93	1.52
			For Walls >10' High, Add	*0.46*	
			For 24" On Center, Deduct	*-0.48*	
			For 12" On Center, Add	*0.63*	
			For 20 Gauge, Add	*1.04*	

09 22 13 23-0009 Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23-0006)*

09 22 13 23-0010		SF	25 Gauge, 16" On Center, Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel	4.62	1.87
			For Ceilings >10' High, Add	*0.56*	
			For 24" On Center, Deduct	*-0.55*	
			For 12" On Center, Add	*0.74*	
			For 20 Gauge, Add	*1.14*	

09 22 16 Non-Structural Metal Framing *(09 22)*

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

09 22 16 13 Non-Structural Metal Stud Framing *(09 22 16)*

09 22 16 13-0001 Non Load Bearing Wall Framing, 25 Gauge *(09 22 16 13)*

09 22 16 13-0002		SF	1-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.13	0.63
			For Powder-Actuated Fasteners Every 2', Add	*0.04*	
			For Walls >10' High, Add	*0.63*	
			For Soffit, Columns Or Beams Up To 10' High, Add	*1.58*	
			For Soffit, Columns Or Beams >10' High, Add	*2.05*	
			For Horizontal Installation Up To 10' High, Add	*0.55*	
			For Horizontal Installation >10' High, Add	*0.71*	
			For Curved Wall, Add	*0.47*	
			For 12" On Center, Add	*0.55*	
			For 24" On Center, Deduct	*-0.55*	
			For Up To 100, Add	*0.94*	
			For >100 To 300, Add	*0.47*	
			For >1,000, Deduct	*-0.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0003	SF	2-1/2" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.39	0.66
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.68*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.67*	
		For Soffit, Columns Or Beams >10' High, Add	*2.17*	
		For Horizontal Installation Up To 10' High, Add	*0.59*	
		For Horizontal Installation >10' High, Add	*0.75*	
		For Curved Wall, Add	*0.50*	
		For 12" On Center, Add	*0.60*	
		For 24" On Center, Deduct	*-0.60*	
		For Up To 100, Add	*1.01*	
		For >100 To 300, Add	*0.51*	
		For >1,000, Deduct	*-0.34*	
09 22 16 13-0004	SF	3-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.74	0.69
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.75*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.77*	
		For Soffit, Columns Or Beams >10' High, Add	*2.29*	
		For Horizontal Installation Up To 10' High, Add	*0.64*	
		For Horizontal Installation >10' High, Add	*0.81*	
		For Curved Wall, Add	*0.52*	
		For 12" On Center, Add	*0.66*	
		For 24" On Center, Deduct	*-0.66*	
		For Up To 100, Add	*1.10*	
		For >100 To 300, Add	*0.55*	
		For >1,000, Deduct	*-0.39*	
09 22 16 13-0005	SF	4" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.04	0.73
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.81*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.87*	
		For Soffit, Columns Or Beams >10' High, Add	*2.42*	
		For Horizontal Installation Up To 10' High, Add	*0.68*	
		For Horizontal Installation >10' High, Add	*0.86*	
		For Curved Wall, Add	*0.55*	
		For 12" On Center, Add	*0.72*	
		For 24" On Center, Deduct	*-0.72*	
		For Up To 100, Add	*1.17*	
		For >100 To 300, Add	*0.59*	
		For >1,000, Deduct	*-0.42*	
09 22 16 13-0006	SF	6" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.64	0.76
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.93*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.00*	
		For Soffit, Columns Or Beams >10' High, Add	*2.58*	
		For Horizontal Installation Up To 10' High, Add	*0.75*	
		For Horizontal Installation >10' High, Add	*0.94*	
		For Curved Wall, Add	*0.58*	
		For 12" On Center, Add	*0.83*	
		For 24" On Center, Deduct	*-0.83*	
		For Up To 100, Add	*1.31*	
		For >100 To 300, Add	*0.66*	
		For >1,000, Deduct	*-0.50*	
09 22 16 13-0007		Non Load Bearing Wall Framing, 20 Gauge *(09 22 16 13)*		
09 22 16 13-0008	SF	1-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.69	0.64
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.74*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.67*	
		For Soffit, Columns Or Beams >10' High, Add	*2.15*	
		For Horizontal Installation Up To 10' High, Add	*0.61*	
		For Horizontal Installation >10' High, Add	*0.77*	
		For Curved Wall, Add	*0.49*	
		For 12" On Center, Add	*0.66*	
		For 24" On Center, Deduct	*-0.66*	
		For Up To 100, Add	*1.06*	
		For >100 To 300, Add	*0.53*	
		For >1,000, Deduct	*-0.39*	
09 22 16 13-0009	SF	2-1/2" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.14	0.68
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.83*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.77*	
		For Soffit, Columns Or Beams >10' High, Add	*2.28*	
		For Horizontal Installation Up To 10' High, Add	*0.67*	
		For Horizontal Installation >10' High, Add	*0.84*	
		For Curved Wall, Add	*0.51*	
		For 12" On Center, Add	*0.74*	
		For 24" On Center, Deduct	*-0.74*	
		For Up To 100, Add	*1.17*	
		For >100 To 300, Add	*0.58*	
		For >1,000, Deduct	*-0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0010	SF	3-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.68	0.71
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.94*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.90*	
		For Soffit, Columns Or Beams >10' High, Add	*2.44*	
		For Horizontal Installation Up To 10' High, Add	*0.74*	
		For Horizontal Installation >10' High, Add	*0.92*	
		For Curved Wall, Add	*0.54*	
		For 12" On Center, Add	*0.85*	
		For 24" On Center, Deduct	*-0.85*	
		For Up To 100, Add	*1.29*	
		For >100 To 300, Add	*0.65*	
		For >1,000, Deduct	*-0.52*	
09 22 16 13-0011	SF	4" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Structural, Galvanized Steel Framing With Tracks And Runners	5.02	0.74
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.00*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.00*	
		For Soffit, Columns Or Beams >10' High, Add	*2.56*	
		For Horizontal Installation Up To 10' High, Add	*0.78*	
		For Horizontal Installation >10' High, Add	*0.97*	
		For Curved Wall, Add	*0.56*	
		For 12" On Center, Add	*0.91*	
		For 24" On Center, Deduct	*-0.91*	
		For Up To 100, Add	*1.38*	
		For >100 To 300, Add	*0.69*	
		For >1,000, Deduct	*-0.57*	
09 22 16 13-0012	SF	6" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	7.63	0.78
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.53*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.33*	
		For Soffit, Columns Or Beams >10' High, Add	*2.92*	
		For Horizontal Installation Up To 10' High, Add	*1.06*	
		For Horizontal Installation >10' High, Add	*1.25*	
		For Curved Wall, Add	*0.59*	
		For 12" On Center, Add	*1.43*	
		For 24" On Center, Deduct	*-1.43*	
		For Up To 100, Add	*1.92*	
		For >100 To 300, Add	*0.96*	
		For >1,000, Deduct	*-0.95*	
09 22 16 13-0013		Non Load Bearing Wall Framing, 18 Gauge *(09 22 16 13)*		
09 22 16 13-0014	SF	2-1/2" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	6.35	0.69
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.27*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.03*	
		For Soffit, Columns Or Beams >10' High, Add	*2.55*	
		For Horizontal Installation Up To 10' High, Add	*0.90*	
		For Horizontal Installation >10' High, Add	*1.07*	
		For Curved Wall, Add	*0.52*	
		For 12" On Center, Add	*1.18*	
		For 24" On Center, Deduct	*-1.18*	
		For Up To 100, Add	*1.62*	
		For >100 To 300, Add	*0.81*	
		For >1,000, Deduct	*-0.78*	
09 22 16 13-0015	SF	3-5/8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	7.12	0.73
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.42*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.18*	
		For Soffit, Columns Or Beams >10' High, Add	*2.73*	
		For Horizontal Installation Up To 10' High, Add	*0.99*	
		For Horizontal Installation >10' High, Add	*1.17*	
		For Curved Wall, Add	*0.55*	
		For 12" On Center, Add	*1.33*	
		For 24" On Center, Deduct	*-1.33*	
		For Up To 100, Add	*1.79*	
		For >100 To 300, Add	*0.90*	
		For >1,000, Deduct	*-0.89*	
09 22 16 13-0016	SF	4" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	7.70	0.76
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.54*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.31*	
		For Soffit, Columns Or Beams >10' High, Add	*2.88*	
		For Horizontal Installation Up To 10' High, Add	*1.06*	
		For Horizontal Installation >10' High, Add	*1.25*	
		For Curved Wall, Add	*0.58*	
		For 12" On Center, Add	*1.44*	
		For 24" On Center, Deduct	*-1.44*	
		For Up To 100, Add	*1.92*	
		For >100 To 300, Add	*0.96*	
		For >1,000, Deduct	*-0.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0017	SF	6" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	10.54	0.80
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*2.11*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.67*	
		For Soffit, Columns Or Beams >10' High, Add	*3.28*	
		For Horizontal Installation Up To 10' High, Add	*1.36*	
		For Horizontal Installation >10' High, Add	*1.56*	
		For Curved Wall, Add	*0.61*	
		For 12" On Center, Add	*2.01*	
		For 24" On Center, Deduct	*-2.01*	
		For Up To 100, Add	*2.51*	
		For >100 To 300, Add	*1.26*	
		For >1,000, Deduct	*-1.38*	
09 22 16 13-0018	SF	8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	11.55	0.86
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*2.31*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.84*	
		For Soffit, Columns Or Beams >10' High, Add	*3.48*	
		For Horizontal Installation Up To 10' High, Add	*1.47*	
		For Horizontal Installation >10' High, Add	*1.68*	
		For Curved Wall, Add	*0.63*	
		For 12" On Center, Add	*2.20*	
		For 24" On Center, Deduct	*-2.20*	
		For Up To 100, Add	*2.73*	
		For >100 To 300, Add	*1.37*	
		For >1,000, Deduct	*-1.52*	

09 22 16 13-0019 Non Load Bearing Wall Framing, 16 Gauge *(09 22 16.13)*

09 22 16 13-0020	SF	2-1/2" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	6.82	0.71
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.36*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.11*	
		For Soffit, Columns Or Beams >10' High, Add	*2.65*	
		For Horizontal Installation Up To 10' High, Add	*0.95*	
		For Horizontal Installation >10' High, Add	*1.13*	
		For Curved Wall, Add	*0.54*	
		For 12" On Center, Add	*1.27*	
		For 24" On Center, Deduct	*-1.27*	
		For Up To 100, Add	*1.72*	
		For >100 To 300, Add	*0.86*	
		For >1,000, Deduct	*-0.84*	
09 22 16 13-0021	SF	3-5/8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	8.25	0.74
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.65*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.32*	
		For Soffit, Columns Or Beams >10' High, Add	*2.88*	
		For Horizontal Installation Up To 10' High, Add	*1.11*	
		For Horizontal Installation >10' High, Add	*1.29*	
		For Curved Wall, Add	*0.56*	
		For 12" On Center, Add	*1.56*	
		For 24" On Center, Deduct	*-1.56*	
		For Up To 100, Add	*2.02*	
		For >100 To 300, Add	*1.01*	
		For >1,000, Deduct	*-1.05*	
09 22 16 13-0022	SF	4" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	8.74	0.78
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.75*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.44*	
		For Soffit, Columns Or Beams >10' High, Add	*3.03*	
		For Horizontal Installation Up To 10' High, Add	*1.17*	
		For Horizontal Installation >10' High, Add	*1.36*	
		For Curved Wall, Add	*0.59*	
		For 12" On Center, Add	*1.65*	
		For 24" On Center, Deduct	*-1.65*	
		For Up To 100, Add	*2.14*	
		For >100 To 300, Add	*1.07*	
		For >1,000, Deduct	*-1.12*	
09 22 16 13-0023	SF	6" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	11.49	0.83
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*2.30*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.81*	
		For Soffit, Columns Or Beams >10' High, Add	*3.43*	
		For Horizontal Installation Up To 10' High, Add	*1.46*	
		For Horizontal Installation >10' High, Add	*1.67*	
		For Curved Wall, Add	*0.62*	
		For 12" On Center, Add	*2.19*	
		For 24" On Center, Deduct	*-2.19*	
		For Up To 100, Add	*2.71*	
		For >100 To 300, Add	*1.36*	
		For >1,000, Deduct	*-1.52*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0024		SF	8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural, Galvanized Steel Stud Framing With Tracks And Runners	12.76	0.88
			For Powder-Actuated Fasteners Every 2', Add	*0.04*	
			For Walls >10' High, Add	*2.55*	
			For Soffit, Columns Or Beams Up To 10' High, Add	*3.01*	
			For Soffit, Columns Or Beams >10' High, Add	*3.66*	
			For Horizontal Installation Up To 10' High, Add	*1.60*	
			For Horizontal Installation >10' High, Add	*1.82*	
			For Curved Wall, Add	*0.65*	
			For 12" On Center, Add	*2.44*	
			For 24" On Center, Deduct	*-2.44*	
			For Up To 100, Add	*2.99*	
			For >100 To 300, Add	*1.49*	
			For >1,000, Deduct	*-1.70*	

09 22 16 13-0025 Galvanized Steel Backing Plates *(09 22 16 13)*

Note: Used to attach fixtures, cabinets, shelves or handrails to metal stud walls.

09 22 16 13-0026		LF	3" Wide, 25 Gauge Galvanized Steel Backing Plate	1.35	
09 22 16 13-0027		LF	4" Wide, 25 Gauge Galvanized Steel Backing Plate	1.68	
09 22 16 13-0028		LF	6" Wide, 25 Gauge Galvanized Steel Backing Plate	2.17	
09 22 16 13-0029		LF	8" Wide, 25 Gauge Galvanized Steel Backing Plate	2.68	
09 22 16 13-0030		LF	10" Wide, 25 Gauge Galvanized Steel Backing Plate	3.19	
09 22 16 13-0031		LF	12" Wide, 25 Gauge Galvanized Steel Backing Plate	3.79	
09 22 16 13-0032		LF	3" Wide, 20 Gauge Galvanized Steel Backing Plate	1.78	
09 22 16 13-0033		LF	4" Wide, 20 Gauge Galvanized Steel Backing Plate	2.23	
09 22 16 13-0034		LF	6" Wide, 20 Gauge Galvanized Steel Backing Plate	3.00	
09 22 16 13-0035		LF	8" Wide, 20 Gauge Galvanized Steel Backing Plate	3.76	
09 22 16 13-0036		LF	10" Wide, 20 Gauge Galvanized Steel Backing Plate	4.56	
09 22 16 13-0037		LF	12" Wide, 20 Gauge Galvanized Steel Backing Plate	5.42	
09 22 16 13-0038		LF	3" Wide, 16 Gauge Galvanized Steel Backing Plate	2.46	
09 22 16 13-0039		LF	4" Wide, 16 Gauge Galvanized Steel Backing Plate	3.08	
09 22 16 13-0040		LF	6" Wide, 16 Gauge Galvanized Steel Backing Plate	4.22	
09 22 16 13-0041		LF	8" Wide, 16 Gauge Galvanized Steel Backing Plate	5.37	
09 22 16 13-0042		LF	10" Wide, 16 Gauge Galvanized Steel Backing Plate	6.59	
09 22 16 13-0043		LF	12" Wide, 16 Gauge Galvanized Steel Backing Plate	7.78	
09 22 16 13-0044		LF	3" Wide, 14 Gauge Galvanized Steel Backing Plate	2.93	
09 22 16 13-0045		LF	4" Wide, 14 Gauge Galvanized Steel Backing Plate	3.70	
09 22 16 13-0046		LF	6" Wide, 14 Gauge Galvanized Steel Backing Plate	5.14	
09 22 16 13-0047		LF	8" Wide, 14 Gauge Galvanized Steel Backing Plate	6.60	
09 22 16 13-0048		LF	10" Wide, 14 Gauge Galvanized Steel Backing Plate	8.14	
09 22 16 13-0049		LF	12" Wide, 14 Gauge Galvanized Steel Backing Plate	9.64	

09 22 36 Lath *(09 22)*

09 22 36 13 Gypsum Lath *(09 22 36)*

09 22 36 13-0001 Plaster Base Gypsum Panels *(09 22 36 13)*

09 22 36 13-0002		SF	3/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	1.37	0.42
			For Walls >10' High, Add	*0.11*	
			For Up To 100, Add	*0.43*	
			For >100 To 500, Add	*0.21*	
			For >5,000, Deduct	*-0.09*	
09 22 36 13-0003		SF	1/2" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	1.94	0.48
			For Walls >10' High, Add	*0.12*	
			For Up To 100, Add	*0.49*	
			For >100 To 500, Add	*0.25*	
			For >5,000, Deduct	*-0.10*	
09 22 36 13-0004		SF	5/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	2.50	0.56
			For Walls >10' High, Add	*0.14*	
			For Up To 100, Add	*0.56*	
			For >100 To 500, Add	*0.28*	
			For >5,000, Deduct	*-0.11*	
09 22 36 13-0005		SF	3/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	1.70	0.59
			For Ceilings >10' High, Add	*0.18*	
			For Up To 100, Add	*0.59*	
			For >100 To 500, Add	*0.30*	
			For >5,000, Deduct	*-0.12*	
09 22 36 13-0006		SF	1/2" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	2.33	0.68
			For Ceilings >10' High, Add	*0.21*	
			For Up To 100, Add	*0.69*	
			For >100 To 500, Add	*0.34*	
			For >5,000, Deduct	*-0.14*	
09 22 36 13-0007		SF	5/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	2.94	0.78
			For Ceilings >10' High, Add	*0.23*	
			For Up To 100, Add	*0.78*	
			For >100 To 500, Add	*0.39*	
			For >5,000, Deduct	*-0.16*	
09 22 36 13-0008		SF	3/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	2.04	0.75
			For Columns And Beams >10' High, Add	*0.23*	
			For Up To 100, Add	*0.76*	
			For >100 To 500, Add	*0.38*	
			For >5,000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0009	SF	1/2" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	2.71	0.88
		For Columns And Beams >10' High, Add	*0.26*	
		For Up To 100, Add	*0.88*	
		For >100 To 500, Add	*0.44*	
		For >5,000, Deduct	*-0.18*	
09 22 36 13-0010	SF	5/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	3.38	1.02
		For Columns And Beams >10' High, Add	*0.30*	
		For Up To 100, Add	*1.00*	
		For >100 To 500, Add	*0.50*	
		For >5,000, Deduct	*-0.20*	
09 22 36 13-0011		Firestop Plaster Base Gypsum Panels *(09 22 36 13)*		
09 22 36 13-0012	SF	3/8" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	2.00	0.42
		For Walls >10' High, Add	*0.11*	
		For Up To 100, Add	*0.43*	
		For >100 To 500, Add	*0.21*	
		For >5,000, Deduct	*-0.09*	
09 22 36 13-0013	SF	1/2" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	2.32	0.48
		For Walls >10' High, Add	*0.12*	
		For Up To 100, Add	*0.49*	
		For >100 To 500, Add	*0.25*	
		For >5,000, Deduct	*-0.10*	
09 22 36 13-0014	SF	3/8" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	2.33	0.59
		For Ceilings >10' High, Add	*0.18*	
		For Up To 100, Add	*0.59*	
		For >100 To 500, Add	*0.30*	
		For >5,000, Deduct	*-0.12*	
09 22 36 13-0015	SF	1/2" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	2.71	0.68
		For Ceilings >10' High, Add	*0.21*	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 13-0016	SF	3/8" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	2.67	0.75
		For Columns And Beams >10' High, Add	*0.23*	
		For Up To 100, Add	*0.76*	
		For >100 To 500, Add	*0.38*	
		For >5,000, Deduct	*-0.15*	
09 22 36 13-0017	SF	1/2" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	3.09	0.88
		For Columns And Beams >10' High, Add	*0.26*	
		For Up To 100, Add	*0.88*	
		For >100 To 500, Add	*0.44*	
		For >5,000, Deduct	*-0.18*	
09 22 36 13-0018		Foil Back Plaster Base Gypsum Panels *(09 22 36 13)*		
09 22 36 13-0019	SF	3/8" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	2.00	0.42
		For Walls >10' High, Add	*0.11*	
		For Up To 100, Add	*0.43*	
		For >100 To 500, Add	*0.21*	
		For >5,000, Deduct	*-0.09*	
09 22 36 13-0020	SF	1/2" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	2.32	0.48
		For Walls >10' High, Add	*0.12*	
		For Up To 100, Add	*0.49*	
		For >100 To 500, Add	*0.25*	
		For >5,000, Deduct	*-0.10*	
09 22 36 13-0021	SF	3/8" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	2.33	0.59
		For Ceilings >10' High, Add	*0.18*	
		For Up To 100, Add	*0.59*	
		For >100 To 500, Add	*0.30*	
		For >5,000, Deduct	*-0.12*	
09 22 36 13-0022	SF	1/2" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	2.71	0.68
		For Ceilings >10' High, Add	*0.21*	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 13-0023	SF	3/8" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	2.67	0.75
		For Columns And Beams >10' High, Add	*0.23*	
		For Up To 100, Add	*0.76*	
		For >100 To 500, Add	*0.38*	
		For >5,000, Deduct	*-0.15*	
09 22 36 13-0024	SF	1/2" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	3.09	0.88
		For Columns And Beams >10' High, Add	*0.26*	
		For Up To 100, Add	*0.88*	
		For >100 To 500, Add	*0.44*	
		For >5,000, Deduct	*-0.18*	
09 22 36 23		**Metal Lath** *(09 22 36)*		
09 22 36 23-0001		Flat Diamond, Expanded Metal Lath *(09 22 36 23)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0002	SF	1.75 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.32	0.58
		For Walls >10' High, Add	*0.16*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.65*	
		For >100 To 500, Add	*0.33*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0003	SF	2 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.44	0.58
		For Walls >10' High, Add	*0.16*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.65*	
		For >100 To 500, Add	*0.33*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0004	SF	2.5 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.56	0.58
		For Walls >10' High, Add	*0.16*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.65*	
		For >100 To 500, Add	*0.33*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0005	SF	3.4 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.97	0.62
		For Walls >10' High, Add	*0.17*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.70*	
		For >100 To 500, Add	*0.35*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0006	SF	1.75 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.51	0.66
		For Ceilings >10' High, Add	*0.22*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.75*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 23-0007	SF	2 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.63	0.66
		For Ceilings >10' High, Add	*0.22*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.75*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 23-0008	SF	2.5 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.75	0.66
		For Ceilings >10' High, Add	*0.22*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.75*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 23-0009	SF	3.4 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	3.07	0.66
		For Ceilings >10' High, Add	*0.22*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.75*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 23-0010	SF	1.75 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.30	0.94
		For Columns And Beams >10' High, Add	*0.31*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.04*	
		For >100 To 500, Add	*0.52*	
		For >5,000, Deduct	*-0.21*	
09 22 36 23-0011	SF	2 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.43	0.94
		For Columns And Beams >10' High, Add	*0.31*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.04*	
		For >100 To 500, Add	*0.52*	
		For >5,000, Deduct	*-0.21*	
09 22 36 23-0012	SF	2.5 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.55	0.94
		For Columns And Beams >10' High, Add	*0.31*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.04*	
		For >100 To 500, Add	*0.52*	
		For >5,000, Deduct	*-0.21*	
09 22 36 23-0013	SF	3.4 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	4.39	1.18
		For Columns And Beams >10' High, Add	*0.39*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.31*	
		For >100 To 500, Add	*0.65*	
		For >5,000, Deduct	*-0.26*	
09 22 36 23-0014		Self Furring, Flat Diamond, Expanded Metal Lath *(09 22 36 23)*		
09 22 36 23-0015	SF	1.75 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.41	0.62
		For Walls >10' High, Add	*0.17*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.70*	
		For >100 To 500, Add	*0.35*	
		For >5,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0016	SF	2.0 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.53	0.62
		For Walls >10' High, Add	*0.17*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.70*	
		For >100 To 500, Add	*0.35*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0017	SF	2.5 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.65	0.62
		For Walls >10' High, Add	*0.17*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.70*	
		For >100 To 500, Add	*0.35*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0018	SF	3.4 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.97	0.62
		For Walls >10' High, Add	*0.17*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.70*	
		For >100 To 500, Add	*0.35*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0019	SF	1.75 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	3.83	1.18
		For Columns And Beams >10' High, Add	*0.39*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.31*	
		For >100 To 500, Add	*0.65*	
		For >5,000, Deduct	*-0.26*	
09 22 36 23-0020	SF	2.0 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	3.96	1.18
		For Columns And Beams >10' High, Add	*0.39*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.31*	
		For >100 To 500, Add	*0.65*	
		For >5,000, Deduct	*-0.26*	
09 22 36 23-0021	SF	2.5 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	4.08	1.18
		For Columns And Beams >10' High, Add	*0.39*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.31*	
		For >100 To 500, Add	*0.65*	
		For >5,000, Deduct	*-0.26*	
09 22 36 23-0022	SF	3.4 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	4.76	1.34
		For Columns And Beams >10' High, Add	*0.45*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.49*	
		For >100 To 500, Add	*0.75*	
		For >5,000, Deduct	*-0.30*	
09 22 36 23-0023		High Rib Metal Lath *(09 22 36 23)*		
09 22 36 23-0024	SF	2.75 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath	2.85	0.66
		For Ceilings >10' High, Add	*0.22*	
		For Up To 100, Add	*0.75*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 23-0025	SF	3.4 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath	3.03	0.66
		For Ceilings >10' High, Add	*0.22*	
		For Up To 100, Add	*0.75*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 23-0026	SF	3.4 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath	3.14	0.66
		For Ceilings >10' High, Add	*0.22*	
		For Up To 100, Add	*0.75*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 23-0027	SF	4.0 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath	3.35	0.66
		For Ceilings >10' High, Add	*0.22*	
		For Up To 100, Add	*0.75*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 33		**Fiberglass Lath** *(09 22 36)*		
09 22 36 33-0001		Non-Metallic, Fiberglass Lath *(09 22 36 33)*		
09 22 36 33-0002	SF	1/8" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	3.14	0.66
		For Ceilings >10' High, Add	*0.22*	
		For Up To 100, Add	*0.75*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 33-0003	SF	1/4" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	3.37	0.66
		For Ceilings >10' High, Add	*0.22*	
		For Up To 100, Add	*0.75*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 33-0004	SF	1/8" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	3.04	0.62
		For Walls >10' High, Add	*0.17*	
		For Up To 100, Add	*0.70*	
		For >100 To 500, Add	*0.35*	
		For >5,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 33-0005	SF	1/4" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	3.27	0.62
		For Walls >10' High, Add	*0.17*	
		For Up To 100, Add	*0.70*	
		For >100 To 500, Add	*0.35*	
		For >5,000, Deduct	*-0.14*	

09 23 Gypsum Plastering *(09 20)*

09 23 13 Acoustical Gypsum Plastering *(09 23)*

Note: Excludes lath, furring and studs. See CSI section 09 22 00 00-0000 for metal studs and furring, 09 22 36 00-0000 for lath.

09 23 13 00-0001 Casing And Corner Beads *(09 23 13)*

09 23 13 00-0002	LF	Galvanized Expanded Flange Casing Bead For Plaster Applications	3.97	0.94
09 23 13 00-0003	LF	Zinc Expanded Flange Casing Bead For Plaster Applications	3.98	0.94
09 23 13 00-0004	LF	Vinyl Expanded Flange Casing Bead For Plaster Applications	3.92	0.94
09 23 13 00-0005	LF	Galvanized Corner Bead For Plaster Applications	3.78	0.94
09 23 13 00-0006	LF	Vinyl Corner Bead For Plaster Applications	3.67	0.94

09 23 13 00-0007 Trim *(09 23 13)*

09 23 13 00-0008	LF	Galvanized "J" Trim For Plaster Applications	4.52	0.94
		For Vinyl Instead Of Galvanized, Add	*0.38*	
		For Zinc Instead Of Galvanized, Add	*2.52*	
09 23 13 00-0009	LF	Galvanized "L" Trim For Plaster Applications	4.52	0.94
		For Vinyl Instead Of Galvanized, Add	*0.38*	
		For Zinc Instead Of Galvanized, Add	*2.52*	
09 23 13 00-0010	LF	Galvanized "U" Trim For Plaster Applications	4.52	0.94
		For Vinyl Instead Of Galvanized, Add	*0.38*	
		For Zinc Instead Of Galvanized, Add	*2.52*	

09 23 13 00-0011 Plaster Forms And Expansion Joints *(09 23 13)*

09 23 13 00-0012	SF	1" Architectural Foam Forms To Cover With Plaster	4.59	
09 23 13 00-0013	LF	3/4" Galvanized Expansion Joint For Plaster Applications	4.83	0.94

09 23 13 00-0014 One Skim Coat Gypsum Plaster On Walls *(09 23 13)*

09 23 13 00-0015	SF	Skim Coat One Coat Gypsum Plaster On Walls	1.22	
		For Walls >10' High, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.15*	
		For Horizontal Installation >10' High, Add	*0.31*	
		For Columns Or Beams Up To 10' High, Add	*0.32*	
		For Columns Or Beams >10' High, Add	*0.47*	
		For Up To 100, Add	*0.51*	
		For >100 To 500, Add	*0.26*	
		For >5,000, Deduct	*-0.20*	
09 23 13 00-0016	SF	For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls	0.89	
		For Walls >10' High, Add	*0.07*	
		For Horizontal Installation Up To 10' High, Add	*0.11*	
		For Horizontal Installation >10' High, Add	*0.22*	
		For Columns Or Beams Up To 10' High, Add	*0.23*	
		For Columns Or Beams >10' High, Add	*0.34*	
		For Up To 100, Add	*0.37*	
		For >100 To 500, Add	*0.19*	
		For >5,000, Deduct	*-0.15*	

09 23 13 00-0017 Two Coats Gypsum Plaster On Walls *(09 23 13)*

09 23 13 00-0018	SF	Smooth Finish Two Coats Gypsum Plaster On Walls	5.99	3.42
		For Walls >10' High, Add	*0.56*	
		For Horizontal Installation Up To 10' High, Add	*0.84*	
		For Horizontal Installation >10' High, Add	*1.69*	
		For Columns Or Beams Up To 10' High, Add	*1.75*	
		For Columns Or Beams >10' High, Add	*2.59*	
		For Up To 100, Add	*2.82*	
		For >100 To 500, Add	*1.41*	
		For >5,000, Deduct	*-1.13*	
09 23 13 00-0019	SF	Sand Aggregate Two Coats Gypsum Plaster On Walls	6.13	3.23
		For Walls >10' High, Add	*0.53*	
		For Horizontal Installation Up To 10' High, Add	*0.79*	
		For Horizontal Installation >10' High, Add	*1.58*	
		For Columns Or Beams Up To 10' High, Add	*1.64*	
		For Columns Or Beams >10' High, Add	*2.43*	
		For Up To 100, Add	*2.64*	
		For >100 To 500, Add	*1.32*	
		For >5,000, Deduct	*-1.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 23 13 00-0020	SF	Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls	6.24	3.23
		For Walls >10' High, Add	*0.53*	
		For Horizontal Installation Up To 10' High, Add	*0.79*	
		For Horizontal Installation >10' High, Add	*1.58*	
		For Columns Or Beams Up To 10' High, Add	*1.64*	
		For Columns Or Beams >10' High, Add	*2.43*	
		For Up To 100, Add	*2.64*	
		For >100 To 500, Add	*1.32*	
		For >5,000, Deduct	*-1.06*	
09 23 13 00-0021		Three Coats Gypsum Plaster On Walls *(09 23 13)*		
09 23 13 00-0022	SF	Smooth Finish Three Coats Gypsum Plaster On Walls	7.25	4.16
		For Walls >10' High, Add	*0.67*	
		For Horizontal Installation Up To 10' High, Add	*1.01*	
		For Horizontal Installation >10' High, Add	*2.02*	
		For Columns Or Beams Up To 10' High, Add	*2.08*	
		For Columns Or Beams >10' High, Add	*3.09*	
		For Up To 100, Add	*3.36*	
		For >100 To 500, Add	*1.68*	
		For >5,000, Deduct	*-1.34*	
09 23 13 00-0023	SF	Sand Aggregate Three Coats Gypsum Plaster On Walls	7.24	3.78
		For Walls >10' High, Add	*0.62*	
		For Horizontal Installation Up To 10' High, Add	*0.93*	
		For Horizontal Installation >10' High, Add	*1.87*	
		For Columns Or Beams Up To 10' High, Add	*1.93*	
		For Columns Or Beams >10' High, Add	*2.87*	
		For Up To 100, Add	*3.12*	
		For >100 To 500, Add	*1.56*	
		For >5,000, Deduct	*-1.25*	
09 23 13 00-0024	SF	Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls	6.83	3.78
		For Walls >10' High, Add	*0.62*	
		For Horizontal Installation Up To 10' High, Add	*0.93*	
		For Horizontal Installation >10' High, Add	*1.86*	
		For Columns Or Beams Up To 10' High, Add	*1.92*	
		For Columns Or Beams >10' High, Add	*2.85*	
		For Up To 100, Add	*3.10*	
		For >100 To 500, Add	*1.55*	
		For >5,000, Deduct	*-1.24*	
09 23 13 00-0025		Plaster Bonding Agent *(09 23 13)*		
09 23 13 00-0026	SF	1 Coat, Brush/Roller Applied Plaster Bonding Agent	0.70	
		For Walls >10' High, Add	*0.05*	
		For Columns Or Beams Up To 10' High, Add	*0.16*	
		For Columns Or Beams >10' High, Add	*0.24*	
		For Ceiling Application Up To 10' High, Add	*0.07*	
		For Ceiling Application >10' High, Add	*0.12*	

09 24 Cement Plastering *(09 20)*

09 24 13 Acoustical Cement Plastering *(09 24)*

09 24 13 00-0001 Keene's Cement Plaster, Quick Setting, White Hard Plaster *(09 24 13)*

Note: Used for areas with higher than normal moisture.

09 24 13 00-0002	SF	1 Coat Keene's Cement Plaster On Walls	4.69	2.31
		For Walls >10' High, Add	*0.37*	
		For Horizontal Installation Up To 10' High, Add	*0.55*	
		For Horizontal Installation >10' High, Add	*1.11*	
		For Columns Or Beams Up To 10' High, Add	*1.14*	
		For Columns Or Beams >10' High, Add	*1.70*	
		For Up To 100, Add	*1.85*	
		For >100 To 500, Add	*0.92*	
		For >5,000, Deduct	*-0.74*	
09 24 13 00-0003	SF	2 Coat Keene's Cement Plaster On Walls	7.11	3.60
		For Walls >10' High, Add	*0.59*	
		For Horizontal Installation Up To 10' High, Add	*0.88*	
		For Horizontal Installation >10' High, Add	*1.76*	
		For Columns Or Beams Up To 10' High, Add	*1.81*	
		For Columns Or Beams >10' High, Add	*2.69*	
		For Up To 100, Add	*2.93*	
		For >100 To 500, Add	*1.46*	
		For >5,000, Deduct	*-1.17*	
09 24 13 00-0004	SF	3 Coat Keene's Cement Plaster On Walls	8.04	4.05
		For Walls >10' High, Add	*0.66*	
		For Horizontal Installation Up To 10' High, Add	*0.99*	
		For Horizontal Installation >10' High, Add	*1.98*	
		For Columns Or Beams Up To 10' High, Add	*2.05*	
		For Columns Or Beams >10' High, Add	*3.04*	
		For Up To 100, Add	*3.31*	
		For >100 To 500, Add	*1.65*	
		For >5,000, Deduct	*-1.32*	

09 24 23 Cement Stucco *(09 24)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.		
09 24 23 00-0001		Stucco *(09 24 23)*		
		Note: Excludes wall scaffolding or lifting equipment.		
09 24 23 00-0002	SF	Scratch/Brown/Finish, Three Coat Troweled Stucco	8.96	2.86
		Note: Excludes lath and felt. Interior or exterior, one side.		
		For Walls >10' High, Add	*0.78*	
		For Horizontal Installation Up To 10' High, Add	*1.17*	
		For Horizontal Installation >10' High, Add	*2.34*	
		For Columns Or Beams Up To 10' High, Add	*2.42*	
		For Columns Or Beams >10' High, Add	*3.59*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.64*	
		For Up To 100, Add	*3.91*	
		For >100 To 500, Add	*1.95*	
		For >5,000, Deduct	*-1.56*	
09 24 23 00-0003	SF	Scratch/Brown, Two Coat Troweled Stucco	3.87	1.39
		Note: Excludes lath and felt. Interior or exterior, one side.		
		For Walls >10' High, Add	*0.29*	
		For Horizontal Installation Up To 10' High, Add	*0.43*	
		For Horizontal Installation >10' High, Add	*0.86*	
		For Columns Or Beams Up To 10' High, Add	*0.89*	
		For Columns Or Beams >10' High, Add	*1.32*	
		For Up To 100, Add	*1.43*	
		For >100 To 500, Add	*0.72*	
		For >5,000, Deduct	*-0.57*	
09 24 23 00-0004	SF	Scratch/Finish, Two Coat Troweled Stucco	5.92	1.39
		Note: Excludes lath and felt. Interior or exterior, one side.		
		For Walls >10' High, Add	*0.51*	
		For Horizontal Installation Up To 10' High, Add	*0.76*	
		For Horizontal Installation >10' High, Add	*1.52*	
		For Columns Or Beams Up To 10' High, Add	*1.57*	
		For Columns Or Beams >10' High, Add	*2.34*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.40*	
		For Up To 100, Add	*2.54*	
		For >100 To 500, Add	*1.27*	
		For >5,000, Deduct	*-1.02*	
09 24 23 00-0005	SF	Finish Coat Troweled Stucco	3.83	0.92
		Note: Excludes lath and felt. Interior or exterior, one side.		
		For Walls >10' High, Add	*0.37*	
		For Horizontal Installation Up To 10' High, Add	*0.55*	
		For Horizontal Installation >10' High, Add	*1.11*	
		For Columns Or Beams Up To 10' High, Add	*1.14*	
		For Columns Or Beams >10' High, Add	*1.70*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.39*	
		For Up To 100, Add	*1.85*	
		For >100 To 500, Add	*0.92*	
		For >5,000, Deduct	*-0.74*	
09 24 33		**Cement Parging** *(09 24)*		
09 24 33 00-0001		Cement Parging *(09 24 33)*		
09 24 33 00-0002	SF	1/8" Thick Sand And Cement Parging	3.65	
09 24 33 00-0003	SF	1/4" Thick Sand And Cement Parging	4.66	
09 24 33 00-0004	SF	1/2" Thick Sand And Cement Parging	5.83	
09 28		**Backing Boards and Underlayments** *(09 20)*		
09 28 13		**Cementitious Backing Boards** *(09 28)*		
09 28 13 00-0001		Cementitious Backer Units *(09 28 13)*		
		Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.		
09 28 13 00-0002	SF	1/4" Cementitious Backer Units For Installation On Floors	3.64	0.63
		For Up To 50, Add	*2.79*	
		For >50 To 250, Add	*0.50*	
		For >1,000, Deduct	*-0.25*	
		For Installation On Wall, Add	*0.50*	
		For Installation On Ceiling, Add	*1.26*	
09 28 13 00-0003	SF	1/2" Cementitious Backer Units For Installation On Floors	4.17	0.76
		For Up To 50, Add	*3.30*	
		For >50 To 250, Add	*0.60*	
		For >1,000, Deduct	*-0.30*	
		For Installation On Wall, Add	*0.60*	
		For Installation On Ceiling, Add	*1.51*	
09 28 13 00-0004	SF	5/8" Cementitious Backer Units For Installation On Floors	5.15	0.88
		For Up To 50, Add	*3.93*	
		For >50 To 250, Add	*0.70*	
		For >1,000, Deduct	*-0.35*	
		For Installation On Wall, Add	*0.70*	
		For Installation On Ceiling, Add	*1.76*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 28 16		**Glass-Mat Faced Gypsum Backing Boards** *(09 28)*			
09 28 16 00-0001		Glass Mat Faced Backer Units, DensShield *(09 28 16)*			
		Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.			
09 28 16 00-0002	SF	1/2" DensShield Tile Backer For Installation On Floors		3.18	0.71
		For Up To 50, Add		*2.15*	
		For >50 To 250, Add		*0.36*	
		For >1,000, Deduct		*-0.18*	
		For Installation On Wall, Add		*0.36*	
		For Installation On Ceiling, Add		*0.91*	
09 28 16 00-0003	SF	5/8" DensShield Tile Backer For Installation On Floors		3.82	0.81
		For Up To 50, Add		*2.47*	
		For >50 To 250, Add		*0.40*	
		For >1,000, Deduct		*-0.20*	
		For Installation On Wall, Add		*0.40*	
		For Installation On Ceiling, Add		*1.01*	
09 29		**Gypsum Board** *(09 20)*			
		Note: Do not deduct for opens of less than 25 SF when calculating total wall square footage.			
09 29 10		**Gypsum Board** *(09 29)*			
09 29 10 00-0001		Standard Gypsum Board Application *(09 29 10)*			
		Note: Includes gypsum board screwed in place on walls, ceilings, beams, columns, soffits, etc.. Excludes finishing. See CSI section 09 01 20 91-0001 for small repairs, 09 29 10 00-0036 for finishing gypsum board, 09 29 10 00-0049 for casing and corner bead.			
09 29 10 00-0002		Standard Gypsum Board Application *(09 29 10 00-0001)*			
09 29 10 00-0003	SF	1/4" Gypsum Board		1.26	0.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.19*	
		For Adhesive Applied Sheets, Add		*0.10*	
		Note: Includes bracing until adhesive is bonded			
		For Horizontal Installation Up To 10' High, Add		*0.28*	
		For Horizontal Installation >10' High, Add		*0.41*	
		For Walls >10' High, Add		*0.06*	
		For Up To 128, Add		*0.41*	
		For >128 To 320, Add		*0.25*	
		For >1,536, Deduct		*-0.11*	
09 29 10 00-0004	SF	3/8" Gypsum Board		1.36	0.45
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.21*	
		For Adhesive Applied Sheets, Add		*0.11*	
		Note: Includes bracing until adhesive is bonded			
		For Foil Back Board, Add		*0.10*	
		For Horizontal Installation Up To 10' High, Add		*0.31*	
		For Horizontal Installation >10' High, Add		*0.46*	
		For Walls >10' High, Add		*0.07*	
		For Up To 128, Add		*0.45*	
		For >128 To 320, Add		*0.27*	
		For >1,536, Deduct		*-0.11*	
09 29 10 00-0005	SF	1/2" Gypsum Board		1.49	0.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.24*	
		For Adhesive Applied Sheets, Add		*0.11*	
		Note: Includes bracing until adhesive is bonded			
		For Foil Back Board, Add		*0.10*	
		For Horizontal Installation Up To 10' High, Add		*0.35*	
		For Horizontal Installation >10' High, Add		*0.52*	
		For Walls >10' High, Add		*0.08*	
		For Up To 128, Add		*0.51*	
		For >128 To 320, Add		*0.31*	
		For >1,536, Deduct		*-0.12*	
09 29 10 00-0006	SF	5/8" Gypsum Board		1.76	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add		*0.28*	
		For Adhesive Applied Sheets, Add		*0.12*	
		Note: Includes bracing until adhesive is bonded			
		For Foil Back Board, Add		*0.10*	
		For Horizontal Installation Up To 10' High, Add		*0.41*	
		For Horizontal Installation >10' High, Add		*0.60*	
		For Walls >10' High, Add		*0.10*	
		For Up To 128, Add		*0.59*	
		For >128 To 320, Add		*0.36*	
		For >1,536, Deduct		*-0.14*	
09 29 10 00-0007		Fire Rated Gypsum Board Application *(09 29 10 00-0001)*			
09 29 10 00-0008		Type X, Fire Rated Gypsum Board *(09 29 10 00-0007)*			

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0009	SF	5/8" Type X Fire Rated Gypsum Board	1.87	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.31*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.45*	
		For Horizontal Installation >10' High, Add	*0.66*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.64*	
		For >128 To 320, Add	*0.39*	
		For >1,536, Deduct	*-0.15*	
09 29 10 00-0010		Type C, Fire Rated Gypsum Board *(09 29 10 00-0007)*		
09 29 10 00-0011	SF	1/2" Type C Fire Rated Gypsum Board	1.72	0.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.27*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.39*	
		For Horizontal Installation >10' High, Add	*0.58*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.57*	
		For >128 To 320, Add	*0.34*	
		For >1,536, Deduct	*-0.14*	
09 29 10 00-0012	SF	5/8" Type C Fire Rated Gypsum Board	1.93	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.31*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.45*	
		For Horizontal Installation >10' High, Add	*0.66*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.65*	
		For >128 To 320, Add	*0.39*	
		For >1,536, Deduct	*-0.16*	
09 29 10 00-0013		Fire Rated Gypsum Board (Sheetrock® Ultracode®) *(09 29 10 00-0007)*		
09 29 10 00-0014	SF	3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®)	2.70	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.45*	
		For Horizontal Installation >10' High, Add	*0.66*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.80*	
		For >128 To 320, Add	*0.47*	
		For >1,536, Deduct	*-0.27*	
09 29 10 00-0015		Moisture Resistant Gypsum Board Application *(09 29 10 00-0001)*		
		Note: Water-resistant gypsum core.		
09 29 10 00-0016	SF	1/2" Moisture Resistant Gypsum Board	1.64	0.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.25*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.35*	
		For Horizontal Installation >10' High, Add	*0.52*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.54*	
		For >128 To 320, Add	*0.32*	
		For >1,536, Deduct	*-0.14*	
09 29 10 00-0017	SF	5/8" Moisture Resistant Gypsum Board	2.14	0.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.60*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.67*	
		For >128 To 320, Add	*0.39*	
		For >1,536, Deduct	*-0.20*	
09 29 10 00-0018		Vinyl Faced Gypsum Board Application *(09 29 10 00-0001)*		
		Note: Includes clips and adhesive.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0019	SF	3/8" Prefinished, Vinyl Faced Gypsum Board	3.55	0.40
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.24*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.31*	
		For Horizontal Installation >10' High, Add	*0.46*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.89*	
		For >128 To 320, Add	*0.49*	
		For >1,536, Deduct	*-0.44*	
09 29 10 00-0020	SF	1/2" Prefinished, Vinyl Faced Gypsum Board	3.68	0.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.27*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.35*	
		For Horizontal Installation >10' High, Add	*0.52*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.94*	
		For >128 To 320, Add	*0.52*	
		For >1,536, Deduct	*-0.45*	
09 29 10 00-0021	SF	5/8" Prefinished, Vinyl Faced Gypsum Board	3.84	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.60*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*1.01*	
		For >128 To 320, Add	*0.56*	
		For >1,536, Deduct	*-0.46*	
09 29 10 00-0022	SF	1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board	4.22	0.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.39*	
		For Horizontal Installation >10' High, Add	*0.58*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*1.07*	
		For >128 To 320, Add	*0.59*	
		For >1,536, Deduct	*-0.52*	
09 29 10 00-0023	SF	5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board	6.32	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.35*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.45*	
		For Horizontal Installation >10' High, Add	*0.66*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*1.53*	
		For >128 To 320, Add	*0.83*	
		For >1,536, Deduct	*-0.82*	
09 29 10 00-0024		Moisture And Mold Resistant Gypsum Board Application *(09 29 10 00-0001)*		
09 29 10 00-0025	SF	1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™)	1.93	0.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.25*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Non-reinforced Board, Deduct	*-0.08*	
		For Horizontal Installation Up To 10' High, Add	*0.35*	
		For Horizontal Installation >10' High, Add	*0.52*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.59*	
		For >128 To 320, Add	*0.35*	
		For >1,536, Deduct	*-0.19*	
09 29 10 00-0026	SF	5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™)	2.29	0.57
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Non-reinforced Board, Deduct	*-0.08*	
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.60*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.70*	
		For >128 To 320, Add	*0.41*	
		For >1,536, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0027	SF	1/2" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™)	2.31	0.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.39*	
		For Horizontal Installation >10' High, Add	*0.58*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.69*	
		For >128 To 320, Add	*0.40*	
		For >1,536, Deduct	*-0.23*	
09 29 10 00-0028	SF	5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™)	2.57	0.57
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.45*	
		For Horizontal Installation >10' High, Add	*0.66*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.78*	
		For >128 To 320, Add	*0.46*	
		For >1,536, Deduct	*-0.25*	
09 29 10 00-0029		**Impact Resistant Gypsum Board** *(09 29 10 00-0001)*		
		Note: Includes tapered edge, mold and moisture resistant, fire-resistant, Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant		
09 29 10 00-0030	SF	5/8" Fire Rated, Impact Resistant Gypsum Board (National Gypsum Hi-Impact®)	3.75	0.57
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.60*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.99*	
		For >128 To 320, Add	*0.55*	
		For >1,536, Deduct	*-0.44*	
09 29 10 00-0031		**Abuse Resistant Gypsum Board** *(09 29 10 00-0001)*		
		Note: Includes tapered edge, mold and moisture resistant, fire-resistant Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant		
09 29 10 00-0032	SF	5/8" Fire Rated, Abuse Resistant Gypsum Board (National Gypsum Hi-Abuse®)	2.36	0.57
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.60*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.71*	
		For >128 To 320, Add	*0.41*	
		For >1,536, Deduct	*-0.24*	
09 29 10 00-0033		**Noise Reducing Gypsum Board** *(09 29 10 00-0001)*		
09 29 10 00-0034	SF	1/2" Noise Reducing Gypsum Board (National Gypsum SoundBreak)	4.76	0.60
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.31*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.61*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*1.19*	
		For >128 To 320, Add	*0.66*	
		For >1,536, Deduct	*-0.59*	
09 29 10 00-0035	SF	5/8" Noise Reducing Gypsum Board (National Gypsum SoundBreak)	5.80	0.60
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.61*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*1.40*	
		For >128 To 320, Add	*0.76*	
		For >1,536, Deduct	*-0.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0036		**Finishing Gypsum Board Applications** *(09 29 10)* Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.		
09 29 10 00-0037		**Finish Gypsum Board Walls, ASTM C840 Level 4** *(09 29 10 00-0036)*		
09 29 10 00-0038	SF	Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board	0.72	
		For Up To 128, Add	*0.27*	
		For >128 To 320, Add	*0.17*	
		For >5,400, Deduct	*-0.07*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.34*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.17*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.07*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.53*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.53*	
09 29 10 00-0039	SF	>10' High, Walls, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	0.95	
		For Up To 128, Add	*0.37*	
		For >128 To 320, Add	*0.23*	
		For >5,400, Deduct	*-0.10*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.45*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.23*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.09*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.70*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.70*	
09 29 10 00-0040		**Finish Gypsum Board Ceilings, ASTM C840 Level 4** *(09 29 10 00-0036)*		
09 29 10 00-0041	SF	Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board	0.93	
		For Up To 128, Add	*0.36*	
		For >128 To 320, Add	*0.22*	
		For >5,400, Deduct	*-0.09*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.44*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.22*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.09*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.69*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.69*	
09 29 10 00-0042	SF	>10' High, Ceilings, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	1.24	
		For Up To 128, Add	*0.48*	
		For >128 To 320, Add	*0.30*	
		For >5,400, Deduct	*-0.12*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.60*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.30*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.12*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.92*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.92*	
09 29 10 00-0043		**Finish Gypsum Board Vertical Corners, ASTM C840 Level 4** *(09 29 10 00-0036)* Note: Inside or outside gypsum board corners.		
09 29 10 00-0044	LF	Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board	1.42	
		For ASTM C840 Level 1 Finish, Deduct	*-0.66*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.33*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.13*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.04*	
09 29 10 00-0045	LF	>10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	1.69	
		For ASTM C840 Level 1 Finish, Deduct	*-0.79*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.40*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.16*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.24*	
09 29 10 00-0046		**Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4** *(09 29 10 00-0036)* Note: Inside or outside gypsum board corners.		
09 29 10 00-0047	LF	Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board	1.64	
		For ASTM C840 Level 1 Finish, Deduct	*-0.77*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.38*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.16*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0048	LF	>10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	1.97	
		For ASTM C840 Level 1 Finish, Deduct	*-0.93*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.47*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.19*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.45*	
09 29 10 00-0049		**Casing And Corner Beads** *(09 29 10)*		
09 29 10 00-0050	LF	Casing, Galvanized Steel J-Bead For Gypsum Board	4.16	1.01
		For Up To 100, Add	*0.37*	
		For >500, Deduct	*-0.21*	
09 29 10 00-0051	LF	Corner Bead, Galvanized Steel For Gypsum Board	3.62	1.01
		For Up To 100, Add	*0.26*	
		For >500, Deduct	*-0.18*	
09 29 10 00-0052		**Preformed Architectural Profiles** *(09 29 10)*		
09 29 10 00-0053		**Trim Reveals For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0054	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.52	1.21
09 29 10 00-0055	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.56	1.21
09 29 10 00-0056	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.75	1.21
09 29 10 00-0057	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.85	1.21
09 29 10 00-0058	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.09	1.21
09 29 10 00-0059	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.33	1.21
09 29 10 00-0060	LF	1" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.56	1.21
09 29 10 00-0061	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.33	1.21
09 29 10 00-0062	LF	2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	8.09	1.21
09 29 10 00-0063	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.62	1.31
09 29 10 00-0064	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.62	1.31
09 29 10 00-0065	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.15	1.31
09 29 10 00-0066	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.24	1.31
09 29 10 00-0067	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.57	1.31
09 29 10 00-0068	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.72	1.31
09 29 10 00-0069	LF	1" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.91	1.31
09 29 10 00-0070	LF	1 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.76	1.31
09 29 10 00-0071	LF	2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	8.62	1.31
09 29 10 00-0072	LF	3" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	11.97	1.51
09 29 10 00-0073	LF	4" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	13.40	1.51
09 29 10 00-0074		**Edge Trim For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0075	LF	1/2" Aluminum Extrusions, Edge Trim For Gypsum Board	4.99	1.26
09 29 10 00-0076	LF	5/8" Aluminum Extrusions, Edge Trim For Gypsum Board	5.37	1.26
09 29 10 00-0077	LF	1" Aluminum Extrusions, Edge Trim For Gypsum Board	6.32	1.39
09 29 10 00-0078	LF	1-1/4" Aluminum Extrusions, Edge Trim For Gypsum Board	6.62	1.51
09 29 10 00-0079	LF	1/2" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	9.75	1.26
09 29 10 00-0080	LF	5/8" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	10.13	1.26
09 29 10 00-0081	LF	1" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	11.08	1.39
09 29 10 00-0082	LF	1-1/4" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	11.38	1.51
09 29 10 00-0083		**Bevel Trim For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0084	LF	5/16" x 1/4" Aluminum Extrusions, Bevel Trim For Gypsum Board	5.37	1.26
09 29 10 00-0085	LF	5/8" x 5/8" Aluminum Extrusions, Bevel Trim For Gypsum Board	6.17	1.39
09 29 10 00-0086		**Trim/Wainscot Caps For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0087	LF	1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap For Gypsum Board	7.43	1.51
09 29 10 00-0088		**Single Fin Wall/Trim Reveals For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0089	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.43	0.81
09 29 10 00-0090	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.46	0.91
09 29 10 00-0091	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	6.29	1.01
09 29 10 00-0092	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	6.67	1.11
09 29 10 00-0093	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.04	1.21
09 29 10 00-0094	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.18	1.21
09 29 10 00-0095	LF	1" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.61	1.21
09 29 10 00-0096	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.42	1.21
09 29 10 00-0097	LF	2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.71	1.21
09 29 10 00-0098	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	6.57	1.31
09 29 10 00-0099	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	6.67	1.31
09 29 10 00-0100	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.19	1.31
09 29 10 00-0101	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.43	1.31
09 29 10 00-0102	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.62	1.31
09 29 10 00-0103	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.86	1.31
09 29 10 00-0104	LF	1" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.19	1.31
09 29 10 00-0105	LF	1-1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	9.05	1.31
09 29 10 00-0106	LF	2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	9.77	1.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0107	LF	3" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	12.05	1.31
09 29 10 00-0108	LF	4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	16.44	1.31
09 29 10 00-0109	LF	3-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	11.19	1.31
09 29 10 00-0110	LF	3-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	11.58	1.31
09 29 10 00-0111	LF	4-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	12.86	1.31
09 29 10 00-0112	LF	4-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	13.01	1.31
09 29 10 00-0113	LF	9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Single Fin Wall Base With Reveal For Gypsum Board	14.66	1.31
09 29 10 00-0114	LF	5/8" Aluminum Extrusions, Single Fin Wall/Trim Reveal Hanging Track For Gypsum Board	12.10	1.31
09 29 10 00-0115		'V' Groove Wall Reveals For Gypsum Board *(09 29 10 00-0052)*		
09 29 10 00-0116	LF	1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	8.12	1.81
09 29 10 00-0117	LF	3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	9.29	2.02
09 29 10 00-0118	LF	1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	10.56	2.41
09 29 10 00-0119	LF	9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	10.67	2.61
09 29 10 00-0120		Double Fin Wall Reveals For Gypsum Board *(09 29 10 00-0052)*		
09 29 10 00-0121	LF	3/8" x 3/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	7.80	1.21
09 29 10 00-0122	LF	1/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	7.90	1.21
09 29 10 00-0123	LF	1/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	7.99	1.21
09 29 10 00-0124	LF	3/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	7.99	1.21
09 29 10 00-0125	LF	1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.42	1.21
09 29 10 00-0126	LF	5/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.61	1.19
09 29 10 00-0127	LF	3/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.80	1.21
09 29 10 00-0128	LF	1" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.23	1.21
09 29 10 00-0129	LF	1-1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.95	1.21
09 29 10 00-0130	LF	2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.71	1.21
09 29 10 00-0131	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.24	1.31
09 29 10 00-0132	LF	1/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.34	1.31
09 29 10 00-0133	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.53	1.31
09 29 10 00-0134	LF	1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.96	1.31
09 29 10 00-0135	LF	5/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.15	1.31
09 29 10 00-0136	LF	3/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.29	1.31
09 29 10 00-0137	LF	1" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.77	1.31
09 29 10 00-0138	LF	1-1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.53	1.31
09 29 10 00-0139	LF	2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	11.29	1.31
09 29 10 00-0140	LF	3" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	13.34	1.31
09 29 10 00-0141	LF	4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	17.63	1.31
09 29 10 00-0142	LF	1-1/2" x 1" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	15.71	1.43
09 29 10 00-0143	LF	3/4" x 1 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	17.83	1.74
09 29 10 00-0144	LF	1-1/2" x 1-1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	18.45	1.74
09 29 10 00-0145	LF	1/2", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	14.33	1.19
09 29 10 00-0146	LF	1 3/16", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	13.02	1.74
09 29 10 00-0147	LF	1/4" Aluminum Extrusions, Double Fin Wall Covering Joiner For Gypsum Board	9.38	1.19
09 29 10 00-0148		Special Conditions Reveals For Gypsum Board *(09 29 10 00-0052)*		
09 29 10 00-0149		Radius Conditions *(09 29 10 00-0148)*		
09 29 10 00-0150	EA	8' Long Inside Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	119.10	
09 29 10 00-0151	EA	8' Long Outside Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	119.10	
09 29 10 00-0152	EA	8' Long Circular / Arched Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	119.10	
09 29 10 00-0153		Knee Brace Kit *(09 29 10 00-0148)*		
09 29 10 00-0154	EA	46" H, Aluminum Extrusions, Knee Brace Kit For Gypsum Board	253.78	12.56
09 29 10 00-0155		Wall Bumper Rail *(09 29 10 00-0148)*		
09 29 10 00-0156	LF	2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail For Gypsum Board	33.87	5.03
09 29 10 00-0157		Corners For Gypsum Board *(09 29 10 00-0052)*		
09 29 10 00-0158	LF	1/2"R, Aluminum Extrusions, Outside Corner For Gypsum Board	7.18	1.21
09 29 10 00-0159	LF	5/8"R, Aluminum Extrusions, Outside Corner For Gypsum Board	7.67	1.31
09 29 10 00-0160	LF	3/4"R, Aluminum Extrusions, Outside Corner For Gypsum Board	8.54	1.37
09 29 10 00-0161	LF	1"R, Aluminum Extrusions, Outside Corner For Gypsum Board	9.57	1.43
09 29 10 00-0162	LF	1-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	11.59	1.74
09 29 10 00-0163	LF	2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	13.46	1.96
09 29 10 00-0164	LF	2-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	16.39	2.25
09 29 10 00-0165	LF	3" R, Aluminum Extrusions, Outside Corner For Gypsum Board	19.96	2.62
09 29 10 00-0166	LF	4" R, Aluminum Extrusions, Outside Corner For Gypsum Board	27.46	3.49
09 29 10 00-0167	LF	90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	7.19	1.16
09 29 10 00-0168	LF	90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	13.43	1.57
09 29 10 00-0169	LF	90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner For Gypsum Board	9.48	1.57
09 29 10 00-0170	LF	90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal For Gypsum Board	17.62	1.57

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0171	LF	45 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	25.18	1.96
09 29 10 00-0172	LF	60 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	24.13	1.96
09 29 10 00-0173	LF	3/4" Aluminum Extrusions, Chamfered Corner For Gypsum Board	6.97	1.37
09 29 10 00-0174	LF	5/8" R, Aluminum Extrusions, Corners Return For Gypsum Board	7.05	1.31
09 29 10 00-0175	LF	1/2" x 1/2" Aluminum Extrusions, Double Corner Step For Gypsum Board	7.14	1.21
09 29 10 00-0176	LF	5/8" x 5/8" Aluminum Extrusions, Double Corner Step For Gypsum Board	7.48	1.31
09 29 10 00-0177	LF	1" x 1" Aluminum Extrusions, Double Corner Step For Gypsum Board	10.19	1.43
09 29 10 00-0178	LF	1/2" x 1/2" Aluminum Extrusions, Triple Corner Step For Gypsum Board	8.99	1.21
09 29 10 00-0179	LF	5/8" x 5/8" Aluminum Extrusions, Triple Corner Step For Gypsum Board	9.48	1.31
09 29 10 00-0180	LF	1" x 1" Aluminum Extrusions, Triple Corner Step For Gypsum Board	14.09	1.43
09 29 10 00-0181	LF	1/3" x 1/2" Aluminum Extrusions, Quad Corner Step For Gypsum Board	15.66	1.21
09 29 10 00-0182	LF	3" Aluminum Extrusions, Bullnose For Gypsum Board	26.68	2.62
09 29 10 00-0183	LF	3-7/8" Aluminum Extrusions, Bullnose For Gypsum Board	28.58	2.62
09 29 10 00-0184	LF	5-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	53.12	4.36
09 29 10 00-0185	LF	7-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	88.58	6.18
09 29 10 00-0186	LF	3/4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	8.59	1.34
09 29 10 00-0187	LF	1" R, Aluminum Extrusions, Inside Corner For Gypsum Board	9.85	1.41
09 29 10 00-0188	LF	1-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	11.83	1.72
09 29 10 00-0189	LF	2"R, Aluminum Extrusions, Inside Corner For Gypsum Board	14.60	1.93
09 29 10 00-0190	LF	2-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	20.92	2.22
09 29 10 00-0191	LF	3"R, Aluminum Extrusions, Inside Corner For Gypsum Board	22.53	2.58
09 29 10 00-0192	LF	4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	25.37	3.43
09 29 10 00-0193	LF	3-5/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	15.96	2.58
09 29 10 00-0194	LF	3-7/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	16.20	2.58
09 29 10 00-0195	LF	4-3/4", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	17.72	2.58
09 29 10 00-0196	LF	5", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	18.20	2.58

09 29 82 Gypsum Board Fire Protection *(09 29)*

09 29 82 00-0001 Shaft Wall *(09 29 82)*

See CSI section 09 29 10 00-0036 for finishing drywall.

09 29 82 00-0002	SF	3/4" Fire Rated Shaft Wall Assembly Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure.	6.60	2.51
		For Horizontal Installation Up To 10' High, Add	*1.71*	
		For Horizontal Installation >10' High, Add	*2.52*	
		For Walls >10' High, Add	*0.40*	
		For Up To 128, Add	*2.33*	
		For >128 To 320, Add	*1.41*	
		For >1,536, Deduct	*-0.49*	
09 29 82 00-0003	SF	7/8" Fire Rated Shaft Wall Assembly Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure.	7.64	3.01
		For Horizontal Installation Up To 10' High, Add	*2.05*	
		For Horizontal Installation >10' High, Add	*3.02*	
		For Walls >10' High, Add	*0.48*	
		For Up To 128, Add	*2.74*	
		For >128 To 320, Add	*1.67*	
		For >1,536, Deduct	*-0.54*	
09 29 82 00-0004	SF	2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	7.68	1.94
		For Horizontal Installation Up To 10' High, Add	*1.32*	
		For Horizontal Installation >10' High, Add	*1.94*	
		For Walls >10' High, Add	*0.31*	
		For Up To 128, Add	*2.31*	
		For >128 To 320, Add	*1.35*	
		For Glass Mat Surfaces, Add	*0.32*	
09 29 82 00-0005	SF	4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	8.36	2.04
		For Horizontal Installation Up To 10' High, Add	*1.38*	
		For Horizontal Installation >10' High, Add	*2.03*	
		For Walls >10' High, Add	*0.32*	
		For Up To 128, Add	*2.48*	
		For >128 To 320, Add	*1.45*	
		For Glass Mat Surfaces, Add	*0.32*	
09 29 82 00-0006	SF	2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	9.64	2.04
		For Horizontal Installation Up To 10' High, Add	*1.38*	
		For Horizontal Installation >10' High, Add	*2.03*	
		For Walls >10' High, Add	*0.32*	
		For Up To 128, Add	*2.74*	
		For >128 To 320, Add	*1.57*	
		For Glass Mat Surfaces, Add	*0.32*	
09 29 82 00-0007	SF	4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	10.36	2.14
		For Horizontal Installation Up To 10' High, Add	*1.45*	
		For Horizontal Installation >10' High, Add	*2.13*	
		For Walls >10' High, Add	*0.34*	
		For Up To 128, Add	*2.92*	
		For >128 To 320, Add	*1.68*	
		For Glass Mat Surfaces, Add	*0.32*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 30 Tiling *(09)*

Note: All tiles are standard grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods. Includes initial wax and seal.

09 30 13 Ceramic Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 13 00-0001 Ceramic Tiling *(09 30 13)*

09 30 13 00-0002	SF	2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Floor Tile		15.82	2.70
		Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.			
		For Up To 50, Add		*8.00*	
		For >50 To 250, Add		*1.08*	
		For >1,000, Deduct		*-0.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add		*1.22*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add		*1.39*	
09 30 13 00-0003	SF	Less Than 8" x 8", Mounted, Ceramic Floor Tile		11.49	2.70
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.			
		For Up To 50, Add		*6.92*	
		For >50 To 250, Add		*1.08*	
		For >1,000, Deduct		*-0.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add		*1.22*	
		For Heavy Duty Floors With A PEI 5 Rating, Add		*1.00*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add		*1.39*	
09 30 13 00-0004	SF	8" x 8" And Larger Unmounted Ceramic Floor Tile		12.84	1.69
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.			
		For Up To 50, Add		*8.27*	
		For >50 To 250, Add		*1.35*	
		For >1,000, Deduct		*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add		*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add		*1.00*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add		*1.59*	
09 30 13 00-0005	SF	2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Wall Tile		16.97	3.27
		Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.			
		For Up To 50, Add		*9.15*	
		For >50 To 250, Add		*1.31*	
		For >1,000, Deduct		*-0.65*	
		For High-Modulus, High-Strength Epoxy Grout, Add		*1.39*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add		*1.56*	
09 30 13 00-0006	SF	Less than 8" x 8" Mounted Ceramic Wall Tile		12.64	3.27
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.			
		For Up To 50, Add		*8.07*	
		For >50 To 250, Add		*1.31*	
		For >1,000, Deduct		*-0.65*	
		For High-Modulus, High-Strength Epoxy Grout, Add		*1.39*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add		*1.56*	
09 30 13 00-0007	SF	8" x 8" And Larger Unmounted Ceramic Wall Tile		14.37	2.07
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.			
		For Up To 50, Add		*9.80*	
		For >50 To 250, Add		*1.65*	
		For >1,000, Deduct		*-0.83*	
		For High-Modulus, High-Strength Epoxy Grout, Add		*1.65*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add		*1.82*	
09 30 13 00-0008	SF	Less than 8" x 8" Mounted Ceramic Ceiling Tile		17.43	5.66
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.			
		For High-Modulus, High-Strength Epoxy Grout, Add		*2.11*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add		*2.28*	
		For Up To 50, Add		*12.86*	
		For >50 To 250, Add		*2.27*	
		For >1,000, Deduct		*-1.13*	
09 30 13 00-0009	SF	8" x 8" And Larger Unmounted Ceramic Ceiling Tile		19.70	3.40
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.			
		For High-Modulus, High-Strength Epoxy Grout, Add		*2.45*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add		*2.62*	
		For Up To 50, Add		*15.13*	
		For >50 To 250, Add		*2.72*	
		For >1,000, Deduct		*-1.36*	
09 30 13 00-0010	LF	4-1/4" To 4-1/2" High, Ceramic Cove Base Or Trim		10.95	2.36
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.			
		For High-Modulus, High-Strength Epoxy Grout, Add		*1.62*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add		*1.71*	
09 30 13 00-0011	LF	6" High x 12" Long, Unpolished Ceramic Cove Base (Daltile Portfolio)		18.68	2.36
		For High-Modulus, High-Strength Epoxy Grout, Add		*1.62*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add		*1.71*	
09 30 13 00-0012	LF	6" High x 24" Long, Unpolished Ceramic Cove Base (Daltile Portfolio)		21.19	2.36
		For High-Modulus, High-Strength Epoxy Grout, Add		*1.62*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add		*1.71*	
09 30 13 00-0013	EA	6" High, Unpolished Ceramic Cove Base Outer Corner		17.58	0.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 13 00-0014	SF	1" Hexagon, Mosaic Ceramic Floor Tile (Daltile Carrara)	38.96	
		For Up To 50, Add	*13.81*	
		For >50 To 250, Add	*1.09*	
		For >1,000, Deduct	*-0.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.22*	
09 30 13 00-0015	SF	2" x 4", Matt Finish, Ceramic Wall Tile With 3/6" Joint Size (Fireclay Tile Calcite)	40.71	
		For Up To 50, Add	*15.10*	
		For >50 To 250, Add	*1.31*	
		For >1,000, Deduct	*-0.66*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.39*	
09 30 13 00-0016	SF	2" x 4", Gloss Finish, Ceramic Wall Tile With 3/6" Joint Size (Fireclay Tile Loch Ness)	29.38	
		For Up To 50, Add	*12.27*	
		For >50 To 250, Add	*1.31*	
		For >1,000, Deduct	*-0.66*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.39*	
09 30 13 00-0017	SF	4" x 4", Matt Finish, Ceramic Wall Tile With 3/6" Joint Size (Fireclay Tile Calcite)	51.66	
		For Up To 50, Add	*17.84*	
		For >50 To 250, Add	*1.31*	
		For >1,000, Deduct	*-0.66*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.39*	
09 30 13 00-0018	SF	2" x 8", Gloss Finish, Glazed Brick Tile With 3/6" Joint Size (Fireclay Tile Blue Nebula)	37.34	
		For Up To 50, Add	*15.55*	
		For >50 To 250, Add	*1.66*	
		For >1,000, Deduct	*-0.83*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.65*	

09 30 13 00-0019 Residential Ceramic Tiling *(09 30 13)*

09 30 13 00-0020	SF	Mounted Ceramic Floor Tile, Residential Grade Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	9.24	2.70
		For Up To 50, Add	*6.35*	
		For >50 To 250, Add	*1.08*	
		For >1,000, Deduct	*-0.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.22*	
09 30 13 00-0021	SF	Mounted Ceramic Wall Tile, Residential Grade Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	10.39	3.27
		For Up To 50, Add	*7.50*	
		For >50 To 250, Add	*1.31*	
		For >1,000, Deduct	*-0.65*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.39*	
09 30 13 00-0022	SF	2" x 2" x 1/4" Thick, Unpolished Ceramic Mounted Floor Tile, Residential Grade Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.	10.94	2.70
		For Up To 50, Add	*6.78*	
		For >50 To 250, Add	*1.08*	
		For >1,000, Deduct	*-0.54*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.22*	

09 30 16 Quarry Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 16 00-0001	SF	Unglazed Quarry Floor Tile Note: With or without embedded abrasive grit.	11.52	1.90
		For Up To 50, Add	*8.54*	
		For >50 To 250, Add	*1.51*	
		For >1,000, Deduct	*-0.76*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.54*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.71*	
09 30 16 00-0002	SF	Glazed Quarry Floor Tile	24.04	1.90
		For Up To 50, Add	*11.67*	
		For >50 To 250, Add	*1.51*	
		For >1,000, Deduct	*-0.76*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.54*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.71*	
09 30 16 00-0003	SF	Unglazed Quarry Wall Tile Note: With or without embedded abrasive grit.	13.03	2.24
		For Up To 50, Add	*10.05*	
		For >50 To 250, Add	*1.81*	
		For >1,000, Deduct	*-0.91*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.77*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.94*	
09 30 16 00-0004	SF	Glazed Quarry Wall Tile	25.55	2.24
		For Up To 50, Add	*13.18*	
		For >50 To 250, Add	*1.81*	
		For >1,000, Deduct	*-0.91*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.77*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.94*	
09 30 16 00-0005	LF	6" High Unglazed Quarry Tile Cove Base Or Trim	16.25	2.49
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.69*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.78*	
09 30 16 00-0006	LF	6" High Glazed Quarry Tile Cove Base Or Trim	36.77	2.49
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.69*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 30 23 Glass Mosaic Tiling *(09 30)*

Note: Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 23 00-0001	SF	Unmounted Glass Tile	30.37	2.07

09 30 33 Stone Tiling *(09 30)*

Note: Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 33 00-0001 Marble Floor Tile *(09 30 33)*

09 30 33 00-0002	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cherry Blossom"	10.90	1.69
		For Up To 50, Add	*7.78*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0003	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Laurent Brown"	11.29	1.69
		For Up To 50, Add	*7.88*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0004	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Temple Gray"	11.49	1.69
		For Up To 50, Add	*7.93*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0005	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Cafe"	11.58	1.69
		For Up To 50, Add	*7.95*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0006	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "China Black"	11.64	1.69
		For Up To 50, Add	*7.97*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0007	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Sea Grass Honed"	11.73	1.69
		For Up To 50, Add	*7.99*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0008	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Gris Magma or Gris Nebula"	11.94	1.69
		For Up To 50, Add	*8.04*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0009	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Dark Green"	13.29	1.69
		For Up To 50, Add	*8.38*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0010	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cappuccino Light"	13.44	1.69
		For Up To 50, Add	*8.42*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0011	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Cream"	13.72	1.69
		For Up To 50, Add	*8.49*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0012	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Classic"	14.03	1.69
		For Up To 50, Add	*8.56*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0013	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato Carrara"	14.26	1.69
		For Up To 50, Add	*8.62*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0014	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Giallo Crystal Onyx"	15.00	1.69
		For Up To 50, Add	*8.81*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0015	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cafe Forest or Rain Forest"	16.39	1.69
		For Up To 50, Add	*9.15*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0016	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato"	16.48	1.69
		For Up To 50, Add	*9.18*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0017	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Carrara White"	17.52	1.69
		For Up To 50, Add	*9.44*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0018	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Select Or Sahara Gold"	17.88	1.69
		For Up To 50, Add	*9.53*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0019	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Fiorito Or Michelangelo"	18.03	1.69
		For Up To 50, Add	*9.56*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0020	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Antique"	18.27	1.69
		For Up To 50, Add	*9.62*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0021	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Dark Or Super Thassos Glass"	20.20	1.69
		For Up To 50, Add	*10.11*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0022	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Rosa Verona"	21.30	1.69
		For Up To 50, Add	*10.38*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0023	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Rojo Alicante"	21.59	1.69
		For Up To 50, Add	*10.45*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0024	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Light"	21.74	1.69
		For Up To 50, Add	*10.49*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0025		Granite Floor Tile *(09 30 33)*		
09 30 33 00-0026	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Crystal Gray"	9.86	1.69
		For Up To 50, Add	*7.52*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0027	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Peach Flower"	10.60	1.69
		For Up To 50, Add	*7.71*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0028	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Golden Yellow"	11.20	1.69
		For Up To 50, Add	*7.86*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0029	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Absolute Black"	13.57	1.69
		For Up To 50, Add	*8.45*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0030	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tan Brown"	14.03	1.69
		For Up To 50, Add	*8.56*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0031	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Black Galaxy"	14.46	1.69
		For Up To 50, Add	*8.67*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0032	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Kashmir White Or Gold"	14.91	1.69
		For Up To 50, Add	*8.78*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0033	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Giallo Santa Cecelia"	15.44	1.69
		For Up To 50, Add	*8.92*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0034	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Verde UbaTuba"	15.95	1.69
		For Up To 50, Add	*9.04*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0035	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "New Venetian Gold"	16.48	1.69
		For Up To 50, Add	*9.18*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0036	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tropic Brown"	16.99	1.69
		For Up To 50, Add	*9.30*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0037	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Baltic Brown Or Indian Dakota"	17.58	1.69
		For Up To 50, Add	*9.45*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0038	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Dynamic Blue"	18.18	1.69
		For Up To 50, Add	*9.60*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0039	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Blue Pearl Or Emerald Pearl"	20.26	1.69
		For Up To 50, Add	*10.12*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0040		Slate Floor Tile *(09 30 33)*		
09 30 33 00-0041	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Raja Classic"	8.97	1.69
		For Up To 50, Add	*7.30*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0042	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Rustic Gold"	9.35	1.69
		For Up To 50, Add	*7.39*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0043	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "California Gold Or Black Rust"	9.56	1.69
		For Up To 50, Add	*7.45*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0044	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Indian Autumn"	9.56	1.69
		For Up To 50, Add	*7.45*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0045	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "China Multi, Earth, Or Autumn Blend"	9.71	1.69
		For Up To 50, Add	*7.48*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0046	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Lilac Kashmir Or Madras Yellow"	10.16	1.69
		For Up To 50, Add	*7.60*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0047	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Montauk Blue, Copper Quartzite, Montauk Black, San Rio Rustic, Or Gold Green Quartzite"	10.60	1.69
		For Up To 50, Add	*7.71*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0048	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Ocean Green Quartzite Or Golden White Quartzite"	10.75	1.69
		For Up To 50, Add	*7.74*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0049		**Travertine Floor Tile** *(09 30 33)*		
09 30 33 00-0050	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Noce Rustic"	10.60	1.69
		For Up To 50, Add	*7.71*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0051	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Denizli Beige Or Oasis Walnut"	11.05	1.69
		For Up To 50, Add	*7.82*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0052	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Oasis Gold"	11.34	1.69
		For Up To 50, Add	*7.89*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0053	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Navona Light - Ivory"	11.79	1.69
		For Up To 50, Add	*8.00*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0054	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Oasis Noce"	11.94	1.69
		For Up To 50, Add	*8.04*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0055	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Durango Antique"	12.09	1.69
		For Up To 50, Add	*8.08*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0056	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Durango Cream"	13.51	1.69
		For Up To 50, Add	*8.43*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0057		Limestone Floor Tile *(09 30 33)*		
09 30 33 00-0058	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Isis Gold"	13.42	1.69
		For Up To 50, Add	*8.41*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0059	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Tiara Beige"	13.87	1.69
		For Up To 50, Add	*8.52*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0060	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Halila Cream"	16.19	1.69
		For Up To 50, Add	*9.10*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0061	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Ramon Gold"	17.58	1.69
		For Up To 50, Add	*9.45*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0062	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Chestnut Brown Or Jersusalem Bone"	17.58	1.69
		For Up To 50, Add	*9.45*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0063	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Lagos Blue"	18.03	1.69
		For Up To 50, Add	*9.56*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0064	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Jura Gray"	19.66	1.69
		For Up To 50, Add	*9.97*	
		For >50 To 250, Add	*1.35*	
		For >1,000, Deduct	*-0.67*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.42*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 31 Thin-Set Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 31 13 Thin-Set Ceramic Tiling *(09 31)*

09 31 13 00-0001 Thin-Set Ceramic Tiling *(09 31 13)*

09 31 13 00-0002	SF	Thin Set - Latex Portland Cement Mortar	1.61	0.89
		For Up To 50, Add	*1.42*	
		For >50 To 250, Add	*0.27*	
		For >1,000, Deduct	*-0.14*	
09 31 13 00-0003	SF	Clean And Scarify Existing Tile For Installation Of New Tile Over Existing	0.86	
		For Up To 50, Add	*0.86*	
		For >50 To 250, Add	*0.17*	
		For >1,000, Deduct	*-0.09*	

09 32 Mortar-Bed Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 32 13 Mortar-Bed Ceramic Tiling *(09 32)*

09 32 13 00-0001 Mortar-Bed Ceramic Tiling *(09 32 13)*

09 32 13 00-0002	SF	3/4" Minimum Thickness Portland Cement Mortar Setting Bed Note: For residential floors. Includes 15 LB felt and wire reinforcement.	4.63	1.80
		For Up To 50, Add	*3.18*	
		For >50 To 250, Add	*0.54*	
		For >1,000, Deduct	*-0.27*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 32 13 00-0003	SF	1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed	6.36	2.40
		Note: For commercial floors. Includes 15 LB felt and wire reinforcement.		
		For Up To 50, Add	*4.29*	
		For >50 To 250, Add	*0.72*	
		For >1,000, Deduct	*-0.36*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 13 00-0004	SF	3/4" Portland Cement Plaster Scratch Coat for Walls	12.99	5.39
		Note: Includes 15 LB felt and expanded metal lath.		
		For Up To 50, Add	*11.34*	
		For >50 To 250, Add	*2.16*	
		For >1,000, Deduct	*-1.08*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
		For Installation Without Felt And Metal Lath, Deduct	*-2.05*	

09 34 Waterproofing-Membrane Tiling *(09 30)*

09 34 00 00-0001 Bonded Waterproofing System for Tiled Showers, Steam Showers, and Bathtub Surrounds *(09 34)*

09 34 00 00-0002 Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower ST) *(09 34 00 00-0001)*

Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.

09 34 00 00-0003	EA	48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,306.46
09 34 00 00-0004	EA	32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,521.19
09 34 00 00-0005	EA	72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	2,263.33

09 34 00 00-0006 Prefabricated Polystyrene Shower Curbs And Ramps *(09 34 00 00-0001)*

Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.

09 34 00 00-0007	EA	15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122)	158.38
09 34 00 00-0008	EA	4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122)	152.01

09 34 00 00-0009 Prefabricated Polystyrene Shower Benches *(09 34 00 00-0001)*

Note: Prefabricated shower bench for tiling over. Excludes tile.

09 34 00 00-0010	EA	16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41)	333.35
09 34 00 00-0011	EA	32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181)	672.59
09 34 00 00-0012	EA	48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122)	830.90
09 34 00 00-0013	EA	32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981)	604.75
09 34 00 00-0014	EA	42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107)	672.59
09 34 00 00-0015	EA	48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122)	717.83

09 34 00 00-0016 Prefabricated Polystyrene Shower Tray *(09 34 00 00-0001)*

Note: Prefabricated shower tray for tiling over. Excludes tile.

09 34 00 00-0017	EA	32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152)	282.77
09 34 00 00-0018	EA	48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122)	282.77
09 34 00 00-0019	EA	72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183)	441.08

09 34 00 00-0020 Waterproofing, Uncoupling And Vapor Management Membranes (Schluter® DITRA) *(09 34 00 00-0001)*

09 34 00 00-0021	SF	1/8" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA)	4.86
09 34 00 00-0022	SF	5/16" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL)	5.64

09 34 00 00-0023 Bonded Waterproof Underlayment Membranes (Schluter® KERDI) *(09 34 00 00-0001)*

09 34 00 00-0024	SF	0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI 200/5M)	4.25

09 35 Chemical-Resistant Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 35 13 Chemical-Resistant Ceramic Tiling *(09 35)*

09 35 13 00-0001 Chemical-Resistant Ceramic Tiling *(09 35 13)*

09 35 13 00-0002	SF	Thin Set - Epoxy Mortar	5.58	1.19
		Note: Impact and chemical resistant.		
		For Up To 50, Add	*2.75*	
		For >50 To 250, Add	*0.36*	
		For >1,000, Deduct	*-0.18*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 39 Tiling Transitions *(09 30)*

09 39 00 00-0001 Tile Waterproofing And Crack Prevention *(09 39)*

09 39 00 00-0002	CSF	30 Mil Waterproofing And Crack Prevention Membrane; RedGard	123.36	

09 39 00 00-0003 Waterproof Strip Membranes (Schluter® KERDI) *(09 39)*

09 39 00 00-0004	LF	5" Wide, 4 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI BAND)	5.08	
09 39 00 00-0005	LF	10" Wide, 12 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI FLEX)	11.10	

09 39 00 00-0006 Coved Shaped Transition Profiles For Floor To Wall For Tile *(09 39)*

09 39 00 00-0007	LF	5/16" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	7.29	
09 39 00 00-0008	LF	3/8" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	7.26	
09 39 00 00-0009	LF	1/2" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	7.54	
09 39 00 00-0010	LF	5/16" Height, PVC Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK)	6.91	
09 39 00 00-0011	LF	3/8" Height, Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK)	7.20	

09 39 00 00-0012 Coved Shaped Inside Edge Protection And Transition Profiles For Wall To Wall For Tile *(09 39)*

09 39 00 00-0013	LF	9/32" x 9/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	15.26	
09 39 00 00-0014	LF	11/32" x 11/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	15.70	
09 39 00 00-0015	LF	7/16" x 7/16" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	16.19	

09 39 00 00-0016 Tile Substrate (Schluter® KERDI BOARD) *(09 39)*

09 39 00 00-0017	SF	1/2" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	8.79	0.71
09 39 00 00-0018	SF	5/8" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	9.90	0.81

09 39 00 00-0019 Floor Edge Protection And Transition Profiles For Tile *(09 39)*

09 39 00 00-0020	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	3.69
09 39 00 00-0021	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	3.81
09 39 00 00-0022	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	3.93
09 39 00 00-0023	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.14
09 39 00 00-0024	LF	1/4" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	4.97
09 39 00 00-0025	LF	5/16" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.14
09 39 00 00-0026	LF	3/8" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.26
09 39 00 00-0027	LF	1/2" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.38
09 39 00 00-0028	LF	9/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	3.88
09 39 00 00-0029	LF	1" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	5.38
09 39 00 00-0030	LF	1/4" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	5.00
09 39 00 00-0031	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	5.27
09 39 00 00-0032	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	5.53
09 39 00 00-0033	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	6.74
09 39 00 00-0034	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	5.18
09 39 00 00-0035	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	5.45
09 39 00 00-0036	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	6.66

09 39 00 00-0037 Outside Wall Edge Protection And Transition Profiles For Tile *(09 39)*

09 39 00 00-0038	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	5.15
09 39 00 00-0039	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	5.43
09 39 00 00-0040	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	5.85
09 39 00 00-0041	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	6.28
09 39 00 00-0042	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	5.72
09 39 00 00-0043	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	6.26
09 39 00 00-0044	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	6.79
09 39 00 00-0045	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	7.73

09 39 00 00-0046 Finishing And Edge Protection Profile For Outside Corners Of Tiled Surfaces *(09 39)*

09 39 00 00-0047	LF	1/2" Height, Finish Edge Trim With Schluter Strip (Jolly A125AT)	4.76

09 50 Ceilings *(09)*

Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.

09 51 Acoustical Ceilings *(09 50)*

Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.

09 51 13 Acoustical Panel Ceilings *(09 51)*

Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.

09 51 13 00-0001 Fiberglass Panels *(09 51 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0002		**Fiberglass Acoustical Panels** *(09 51 13 00-0001)* Note: Includes square or tegular edge and class A fire rating.		
09 51 13 00-0003	SF	2' x 2' x 3/4" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	8.53	0.40
		For Up To 50, Add	*1.80*	
		For >50 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.49*	
		For >2,500 To 4,000, Deduct	*-0.21*	
		For >4,000 To 5,000, Deduct	*-0.43*	
		For >5,000, Deduct	*-0.67*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*1.12*	
		For Owner Furnished Material, Deduct	*-7.22*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0004	SF	2' x 4' x 3/4" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	8.47	0.40
		For Up To 50, Add	*1.79*	
		For >50 To 200, Add	*1.11*	
		For >200 To 500, Add	*0.49*	
		For >2,500 To 4,000, Deduct	*-0.21*	
		For >4,000 To 5,000, Deduct	*-0.42*	
		For >5,000, Deduct	*-0.67*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*1.11*	
		For Owner Furnished Material, Deduct	*-7.16*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0005	SF	2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	9.00	0.50
		For Up To 50, Add	*1.91*	
		For >50 To 200, Add	*1.18*	
		For >200 To 500, Add	*0.52*	
		For >2,500 To 4,000, Deduct	*-0.23*	
		For >4,000 To 5,000, Deduct	*-0.45*	
		For >5,000, Deduct	*-0.71*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*1.18*	
		For Owner Furnished Material, Deduct	*-7.59*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0006	SF	2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	9.10	0.50
		For Up To 50, Add	*1.93*	
		For >50 To 200, Add	*1.19*	
		For >200 To 500, Add	*0.53*	
		For >2,500 To 4,000, Deduct	*-0.23*	
		For >4,000 To 5,000, Deduct	*-0.46*	
		For >5,000, Deduct	*-0.72*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*1.19*	
		For Owner Furnished Material, Deduct	*-7.69*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0007	SF	2' x 2' x 1" Thick, Square or Beveled Tegular Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3352, 3354, and 3355)	9.36	0.50
		For Up To 50, Add	*1.97*	
		For >50 To 200, Add	*1.22*	
		For >200 To 500, Add	*0.54*	
		For >2,500 To 4,000, Deduct	*-0.23*	
		For >4,000 To 5,000, Deduct	*-0.47*	
		For >5,000, Deduct	*-0.74*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*1.22*	
		For Owner Furnished Material, Deduct	*-7.95*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0008	SF	2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3353)	9.35	0.50
		For Up To 50, Add	*1.97*	
		For >50 To 200, Add	*1.22*	
		For >200 To 500, Add	*0.54*	
		For >2,500 To 4,000, Deduct	*-0.23*	
		For >4,000 To 5,000, Deduct	*-0.47*	
		For >5,000, Deduct	*-0.74*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*1.22*	
		For Owner Furnished Material, Deduct	*-7.94*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0009	SF	2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	9.76	0.50
		For Up To 50, Add	*2.03*	
		For >50 To 200, Add	*1.26*	
		For >200 To 500, Add	*0.56*	
		For >2,500 To 4,000, Deduct	*-0.24*	
		For >4,000 To 5,000, Deduct	*-0.49*	
		For >5,000, Deduct	*-0.77*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*1.26*	
		For Owner Furnished Material, Deduct	*-8.35*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0010	SF	2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	9.75	0.50
		For Up To 50, Add	*2.03*	
		For >50 To 200, Add	*1.26*	
		For >200 To 500, Add	*0.56*	
		For >2,500 To 4,000, Deduct	*-0.24*	
		For >4,000 To 5,000, Deduct	*-0.49*	
		For >5,000, Deduct	*-0.77*	
		For Individual Room Quantities <495, Add	*1.26*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-8.34*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0011		Mineral Fiber Panels *(09 51 13)*		
09 51 13 00-0012		Mineral Fiber Acoustical Ceiling Panels *(09 51 13 00-0011)*		
		Note: Includes square or tegular edge and class A fire rating.		
09 51 13 00-0013	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.50	0.40
		For Up To 50, Add	*0.90*	
		For >50 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.22*	
		For Individual Room Quantities <495, Add	*0.51*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0014	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.49	0.60
		For Up To 50, Add	*0.90*	
		For >50 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.22*	
		For Individual Room Quantities <495, Add	*0.51*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0015	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.77	0.40
		For Up To 50, Add	*0.94*	
		For >50 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.20*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.54*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0016	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.77	0.40
		For Up To 50, Add	*0.94*	
		For >50 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.20*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.54*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0017	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	2.99	0.60
		For Up To 50, Add	*0.97*	
		For >50 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.56*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0018	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.00	0.60
		For Up To 50, Add	*0.97*	
		For >50 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.56*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0019	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.28	0.60
		For Up To 50, Add	*1.02*	
		For >50 To 200, Add	*0.59*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.59*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0020	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	2.75	0.40
		For Up To 50, Add	*0.94*	
		For >50 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.20*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.54*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0021	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	2.74	0.60
		For Up To 50, Add	*0.94*	
		For >50 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.20*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.54*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0022	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	3.18	0.40
		For Up To 50, Add	*1.00*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0023	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.50	0.40
		For Up To 50, Add	*0.90*	
		For >50 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.22*	
		For Individual Room Quantities <495, Add	*0.51*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0024	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.49	0.40
		For Up To 50, Add	*0.90*	
		For >50 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.22*	
		For Individual Room Quantities <495, Add	*0.51*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0025	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.77	0.40
		For Up To 50, Add	*0.94*	
		For >50 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.20*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.54*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0026	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	2.52	0.40
		For Up To 50, Add	*0.90*	
		For >50 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.22*	
		For Individual Room Quantities <495, Add	*0.51*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0027	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	2.51	0.40
		For Up To 50, Add	*0.90*	
		For >50 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.22*	
		For Individual Room Quantities <495, Add	*0.51*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0028	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	2.92	0.40
		For Up To 50, Add	*0.96*	
		For >50 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.55*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0029	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	2.92	0.40
		For Up To 50, Add	*0.96*	
		For >50 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.55*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0030	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.07	0.40
		For Up To 50, Add	*0.98*	
		For >50 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.57*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0031	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.64	0.40
		For Up To 50, Add	*1.07*	
		For >50 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.63*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0032	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	2.99	0.40
		For Up To 50, Add	*0.97*	
		For >50 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.56*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0033	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.67	0.40
		For Up To 50, Add	*1.07*	
		For >50 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.63*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0034	SF	30" x 60"' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	2.80	0.40
		For Up To 50, Add	*0.94*	
		For >50 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.54*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0035	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.07	0.60
		For Up To 50, Add	*0.98*	
		For >50 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.57*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0036	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.02	0.60
		For Up To 50, Add	*0.98*	
		For >50 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.56*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0037	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.42	0.60
		For Up To 50, Add	*1.04*	
		For >50 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.60*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0038	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.42	0.60
		For Up To 50, Add	*1.04*	
		For >50 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.60*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0039	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ceramaguard Fine Fissured)	8.38	0.71
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0040	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.25	0.40
		For Up To 50, Add	*1.01*	
		For >50 To 200, Add	*0.59*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.59*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0041	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.24	0.40
		For Up To 50, Add	*1.01*	
		For >50 To 200, Add	*0.59*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.59*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0042	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.83	0.40
		For Up To 50, Add	*1.10*	
		For >50 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.32*	
		For Individual Room Quantities <495, Add	*0.65*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0043	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.49	0.40
		For Up To 50, Add	*1.05*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0044	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.43	0.40
		For Up To 50, Add	*1.04*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0045	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.44	0.40
		For Up To 50, Add	*1.04*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0046	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.62	0.40
		For Up To 50, Add	*1.07*	
		For >50 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.30*	
		For Individual Room Quantities <495, Add	*0.62*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0047	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.77	0.40
		For Up To 50, Add	*1.09*	
		For >50 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.32*	
		For Individual Room Quantities <495, Add	*0.64*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0048	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune Fire Guard)	3.99	0.40
		For Up To 50, Add	*1.12*	
		For >50 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.66*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0049	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune Fire Guard)	3.95	0.40
		For Up To 50, Add	*1.12*	
		For >50 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.66*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0050	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	3.84	0.60
		For Up To 50, Add	*1.10*	
		For >50 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.32*	
		For Individual Room Quantities <495, Add	*0.65*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0051	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	3.83	0.60
		For Up To 50, Add	*1.10*	
		For >50 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.32*	
		For Individual Room Quantities <495, Add	*0.65*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0052	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.16	0.40
		For Up To 50, Add	*1.15*	
		For >50 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.34*	
		For Individual Room Quantities <495, Add	*0.68*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0053	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.07	0.40
		For Up To 50, Add	*1.13*	
		For >50 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.34*	
		For Individual Room Quantities <495, Add	*0.67*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0054	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.03	0.60
		For Up To 50, Add	*1.28*	
		For >50 To 200, Add	*0.77*	
		For >200 To 500, Add	*0.32*	
		For >2,500 To 4,000, Deduct	*-0.13*	
		For >4,000 To 5,000, Deduct	*-0.25*	
		For >5,000, Deduct	*-0.41*	
		For Individual Room Quantities <495, Add	*0.77*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0055	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	4.99	0.60
		For Up To 50, Add	*1.27*	
		For >50 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.32*	
		For >2,500 To 4,000, Deduct	*-0.12*	
		For >4,000 To 5,000, Deduct	*-0.25*	
		For >5,000, Deduct	*-0.41*	
		For Individual Room Quantities <495, Add	*0.76*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0056	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.03	0.60
		For Up To 50, Add	*1.28*	
		For >50 To 200, Add	*0.77*	
		For >200 To 500, Add	*0.32*	
		For >2,500 To 4,000, Deduct	*-0.13*	
		For >4,000 To 5,000, Deduct	*-0.25*	
		For >5,000, Deduct	*-0.41*	
		For Individual Room Quantities <495, Add	*0.77*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0057	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	4.99	0.60
		For Up To 50, Add	*1.27*	
		For >50 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.32*	
		For >2,500 To 4,000, Deduct	*-0.12*	
		For >4,000 To 5,000, Deduct	*-0.25*	
		For >5,000, Deduct	*-0.41*	
		For Individual Room Quantities <495, Add	*0.76*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0058	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus Second Look)	5.53	0.40
		For Up To 50, Add	*1.35*	
		For >50 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.34*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.45*	
		For Individual Room Quantities <495, Add	*0.82*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0059	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	5.49	0.60
		For Up To 50, Add	*1.35*	
		For >50 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.34*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.27*	
		For >5,000, Deduct	*-0.44*	
		For Individual Room Quantities <495, Add	*0.81*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0060	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	5.47	0.60
		For Up To 50, Add	*1.34*	
		For >50 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.34*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.27*	
		For >5,000, Deduct	*-0.44*	
		For Individual Room Quantities <495, Add	*0.81*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0061	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	5.93	0.40
		For Up To 50, Add	*1.41*	
		For >50 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.48*	
		For Individual Room Quantities <495, Add	*0.86*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0062	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	5.93	0.40
		For Up To 50, Add	*1.41*	
		For >50 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.48*	
		For Individual Room Quantities <495, Add	*0.86*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0063	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	5.51	0.40
		For Up To 50, Add	*1.35*	
		For >50 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.34*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.45*	
		For Individual Room Quantities <495, Add	*0.81*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0064	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	5.51	0.40
		For Up To 50, Add	*1.35*	
		For >50 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.34*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.45*	
		For Individual Room Quantities <495, Add	*0.81*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0065	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	5.51	0.40
		For Up To 50, Add	*1.35*	
		For >50 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.34*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.45*	
		For Individual Room Quantities <495, Add	*0.81*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0066	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	5.51	0.40
		For Up To 50, Add	*1.35*	
		For >50 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.34*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.45*	
		For Individual Room Quantities <495, Add	*0.81*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0067	SF	2' x 2' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	5.92	0.50
		For Up To 50, Add	*1.45*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.37*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.48*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.63*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0068	SF	2' x 4' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	5.92	0.50
		For Up To 50, Add	*1.45*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.37*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.48*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.63*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0069	SF	2' x 2' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	5.92	0.50
		For Up To 50, Add	*1.45*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.37*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.48*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.63*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0070	SF	2' x 4' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	5.92	0.50
		For Up To 50, Add	*1.45*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.37*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.48*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.63*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0071	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	6.23	0.40
		For Up To 50, Add	*1.46*	
		For >50 To 200, Add	*0.89*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.89*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0072	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	6.23	0.40
		For Up To 50, Add	*1.46*	
		For >50 To 200, Add	*0.89*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.89*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0073	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	6.23	0.40
		For Up To 50, Add	*1.46*	
		For >50 To 200, Add	*0.89*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.89*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0074	SF	2' x 2' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)	7.08	0.40
		For Up To 50, Add	*1.63*	
		For >50 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.42*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.57*	
		For Individual Room Quantities <495, Add	*0.99*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.63*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0075	SF	2' x 4' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)	6.97	0.40
		For Up To 50, Add	*1.61*	
		For >50 To 200, Add	*0.98*	
		For >200 To 500, Add	*0.42*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.56*	
		For Individual Room Quantities <495, Add	*0.98*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.63*	
		For Ceilings >10' High, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0076	SF	2' x 2' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)	7.03	0.40
		For Up To 50, Add	*1.62*	
		For >50 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.42*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.56*	
		For Individual Room Quantities <495, Add	*0.99*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.63*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0077	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL)	6.58	0.40
		For Up To 50, Add	*1.51*	
		For >50 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.39*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.53*	
		For Individual Room Quantities <495, Add	*0.92*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0078	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL)	6.46	0.40
		For Up To 50, Add	*1.49*	
		For >50 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.39*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.32*	
		For >5,000, Deduct	*-0.52*	
		For Individual Room Quantities <495, Add	*0.91*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0079	SF	2' x 2' x 1" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	7.15	0.50
		For Up To 50, Add	*1.64*	
		For >50 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.43*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.57*	
		For Individual Room Quantities <495, Add	*1.00*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.63*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0080	SF	2' x 4' x 1" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	7.15	0.50
		For Up To 50, Add	*1.64*	
		For >50 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.43*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.57*	
		For Individual Room Quantities <495, Add	*1.00*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.63*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0081	SF	2' x 2' x 1" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	7.15	0.40
		For Up To 50, Add	*1.64*	
		For >50 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.43*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.57*	
		For Individual Room Quantities <495, Add	*1.00*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.63*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0082	SF	2' x 4' x 1" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	7.15	0.50
		For Up To 50, Add	*1.64*	
		For >50 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.43*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.57*	
		For Individual Room Quantities <495, Add	*1.00*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.63*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0083	SF	20" x 60" x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ 2617)	2.43	0.40
		For Individual Room Quantities <495, Add	*0.51*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0084	SF	20" x 60" x 5/8" Thick, Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ 2627)	2.51	0.40
		For Individual Room Quantities <495, Add	*0.51*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0085	SF	2' x 4' x 3/4" Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ Illusion Basic Two 2742)	3.86	0.40
		For Individual Room Quantities <495, Add	*0.65*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.59*	
		For Ceilings >10' High, Add	*0.10*	

09 51 13 00-0086 Wood Fiber Panels *(09 51 13)*

09 51 13 00-0087	SF	2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels	6.31	0.60
		For Up To 50, Add	*1.66*	
		For >50 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.32*	
		For >5,000, Deduct	*-0.52*	
		For Individual Room Quantities <495, Add	*0.99*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-4.52*	
		For Ceilings >10' High, Add	*0.13*	
09 51 13 00-0088	SF	2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels	6.13	0.60
		For Up To 50, Add	*1.56*	
		For >50 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.39*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
		For Individual Room Quantities <495, Add	*0.94*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-4.52*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0089	SF	2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels	8.33	0.60
		For Up To 50, Add	*1.97*	
		For >50 To 200, Add	*1.19*	
		For >200 To 500, Add	*0.51*	
		For >2,500 To 4,000, Deduct	*-0.21*	
		For >4,000 To 5,000, Deduct	*-0.42*	
		For >5,000, Deduct	*-0.67*	
		For Individual Room Quantities <495, Add	*1.19*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-6.54*	
		For Ceilings >10' High, Add	*0.13*	
09 51 13 00-0090	SF	2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels	8.15	0.60
		For Up To 50, Add	*1.87*	
		For >50 To 200, Add	*1.14*	
		For >200 To 500, Add	*0.49*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.41*	
		For >5,000, Deduct	*-0.65*	
		For Individual Room Quantities <495, Add	*1.14*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-6.54*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0091	SF	2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels	10.27	0.60
		For Up To 50, Add	*2.26*	
		For >50 To 200, Add	*1.39*	
		For >200 To 500, Add	*0.60*	
		For >2,500 To 4,000, Deduct	*-0.26*	
		For >4,000 To 5,000, Deduct	*-0.51*	
		For >5,000, Deduct	*-0.82*	
		For Individual Room Quantities <495, Add	*1.39*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-8.48*	
		For Ceilings >10' High, Add	*0.13*	
09 51 13 00-0092	SF	2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels	10.09	0.60
		For Up To 50, Add	*2.16*	
		For >50 To 200, Add	*1.33*	
		For >200 To 500, Add	*0.59*	
		For >2,500 To 4,000, Deduct	*-0.25*	
		For >4,000 To 5,000, Deduct	*-0.50*	
		For >5,000, Deduct	*-0.80*	
		For Individual Room Quantities <495, Add	*1.33*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-8.48*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0093	SF	2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels	7.49	0.60
		For Up To 50, Add	*1.84*	
		For >50 To 200, Add	*1.11*	
		For >200 To 500, Add	*0.46*	
		For >2,500 To 4,000, Deduct	*-0.19*	
		For >4,000 To 5,000, Deduct	*-0.37*	
		For >5,000, Deduct	*-0.61*	
		For Individual Room Quantities <495, Add	*1.11*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-5.70*	
		For Ceilings >10' High, Add	*0.13*	
09 51 13 00-0094	SF	2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels	7.31	0.60
		For Up To 50, Add	*1.74*	
		For >50 To 200, Add	*1.05*	
		For >200 To 500, Add	*0.45*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.37*	
		For >5,000, Deduct	*-0.59*	
		For Individual Room Quantities <495, Add	*1.05*	
		Note: For use with projects >500 SF		
		For Owner Furnished Material, Deduct	*-5.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0095		Removal And Reinstallation Of Acoustical Ceiling Panels *(09 51 13)*		
		Note: 2'x2' Or 2'x4'. Includes storage and cleaning.		
09 51 13 00-0096	SF	Removal And Reinstallation Of Acoustical Panels Only	2.06	
		For Up To 50, Add	*1.13*	
		For >50 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.05*	
		For >4,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.21*	
		For Ceilings >10' High, Add	*0.15*	
09 51 23		**Acoustical Tile Ceilings** *(09 51)*		
		Note: Includes fastening with staples and/or adhesive.		
09 51 23 00-0001		Mineral Fiber Acoustical Tile Ceilings *(09 51 23)*		
09 51 23 00-0002	SF	12" x 12" x 1/2" Tongue And Groove Mineral Fiber Acoustical Ceiling Tile	5.60	1.11
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.84*	
		For >50 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.41*	
		For >2,500, Deduct	*-0.28*	
		For Ceilings >10' High, Add	*0.19*	
09 51 23 00-0003	SF	12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile	6.75	1.11
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.02*	
		For >50 To 200, Add	*1.18*	
		For >200 To 500, Add	*0.46*	
		For >2,500, Deduct	*-0.34*	
		For Placing Tiles In Suspended Ceiling System, Deduct	*-0.48*	
		For Ceilings >10' High, Add	*0.19*	
09 51 23 00-0004	SF	12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile	7.67	1.11
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.15*	
		For >50 To 200, Add	*1.27*	
		For >200 To 500, Add	*0.51*	
		For >2,500, Deduct	*-0.38*	
		For Placing Tiles In Suspended Ceiling System, Deduct	*-0.48*	
		For Ceilings >10' High, Add	*0.19*	
09 51 23 00-0005		Wood Fiber Acoustical Tile Ceilings *(09 51 23)*		
09 51 23 00-0006	SF	12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile	5.11	1.11
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.77*	
		For >50 To 200, Add	*1.01*	
		For >200 To 500, Add	*0.38*	
		For >2,500, Deduct	*-0.26*	
		For Ceilings >10' High, Add	*0.19*	
09 51 33		**Acoustical Metal Pan Ceilings** *(09 51)*		
09 51 33 13		**Acoustical Snap-in Metal Pan Ceilings** *(09 51 33)*		
09 51 33 13-0001		Galvanized Steel, Acoustical Snap-In Metal Ceiling Panels *(09 51 33 13)*		
09 51 33 13-0002	SF	24" x 24", Unperforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	22.03	0.88
09 51 33 13-0003	SF	24" x 24", Perforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	23.60	0.88

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 13-0004		Aluminum, Acoustical Snap-In Metal Ceiling Panels *(09 51 33 13)*			
09 51 33 13-0005	SF	24" x 24", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		16.26	1.01
09 51 33 13-0006	SF	24" x 24", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		27.91	1.01
09 51 33 13-0007	SF	24" x 24", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		55.06	1.01
09 51 33 13-0008	SF	24" x 24", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		24.69	1.01
09 51 33 13-0009	SF	24" x 24", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		17.20	1.01
09 51 33 13-0010	SF	24" x 24", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		27.19	1.01
09 51 33 13-0011	SF	24" x 24", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		54.65	1.01
09 51 33 13-0012	SF	24" x 24", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		24.48	1.01
09 51 33 13-0013	SF	30" x 30", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		22.30	1.01
09 51 33 13-0014	SF	30" x 30", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		29.47	1.01
09 51 33 13-0015	SF	30" x 30", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		60.79	1.01
09 51 33 13-0016	SF	30" x 30", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		29.16	1.01
09 51 33 13-0017	SF	30" x 30", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		23.65	1.01
09 51 33 13-0018	SF	30" x 30", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		30.20	1.01
09 51 33 13-0019	SF	30" x 30", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		62.87	1.01
09 51 33 13-0020	SF	30" x 30", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		29.89	1.01
09 51 33 13-0021	SF	12" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		20.11	1.01
09 51 33 13-0022	SF	12" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		33.22	1.01
09 51 33 13-0023	SF	12" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		59.43	1.01
09 51 33 13-0024	SF	12" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		28.43	1.01
09 51 33 13-0025	SF	12" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		21.67	1.01
09 51 33 13-0026	SF	12" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		33.63	1.01
09 51 33 13-0027	SF	12" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		61.62	1.01
09 51 33 13-0028	SF	12" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		29.37	1.01
09 51 33 13-0029	SF	24" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		15.83	1.01
09 51 33 13-0030	SF	24" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		24.56	1.01
09 51 33 13-0031	SF	24" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		51.61	1.01
09 51 33 13-0032	SF	24" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		23.32	1.01
09 51 33 13-0033	SF	24" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		16.87	1.01
09 51 33 13-0034	SF	24" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		24.36	1.01
09 51 33 13-0035	SF	24" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		51.71	1.01
09 51 33 13-0036	SF	24" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)		23.32	1.01
09 51 33 23		**Acoustical Lay-in Metal Pan Ceilings** *(09 51 33)*			
09 51 33 23-0001		Acoustical Lay-In Metal Pan Ceilings *(09 51 33 23)*			
09 51 33 23-0002		Aluminum, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*			
09 51 33 23-0003	SF	24" x 24", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)		17.11	0.76
		For Walls >10' High, Add		*3.42*	
09 51 33 23-0004	SF	24" x 24", Unperforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)		19.45	0.76
		For Walls >10' High, Add		*3.89*	
09 51 33 23-0005	SF	24" x 24", Unperforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)		28.82	0.76
		For Walls >10' High, Add		*5.76*	
09 51 33 23-0006	SF	24" x 24", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)		24.40	0.76
		For Walls >10' High, Add		*4.88*	
09 51 33 23-0007	SF	24" x 24", Perforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)		26.22	0.76
		For Walls >10' High, Add		*5.24*	
09 51 33 23-0008	SF	24" x 24", Perforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)		41.56	0.76
		For Walls >10' High, Add		*8.31*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 23-0009		SF	30" x 30", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	25.81	0.76
			For Walls >10' High, Add	*5.16*	
09 51 33 23-0010		SF	30" x 30", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	32.14	0.76
			For Walls >10' High, Add	*6.43*	
09 51 33 23-0011		SF	48" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	25.96	0.76
			For Walls >10' High, Add	*5.19*	
09 51 33 23-0012		SF	48" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	32.33	0.76
			For Walls >10' High, Add	*6.47*	
09 51 33 23-0013		SF	12" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	26.09	0.76
			For Walls >10' High, Add	*5.22*	
09 51 33 23-0014		SF	12" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	32.20	0.76
			For Walls >10' High, Add	*6.44*	
09 51 33 23-0015		SF	24" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	26.09	0.76
			For Walls >10' High, Add	*5.22*	
09 51 33 23-0016		SF	24" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	32.46	0.76
			For Walls >10' High, Add	*6.49*	
09 51 33 23-0017			Steel, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*		
09 51 33 23-0018		SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	22.23	0.76
			For Walls >10' High, Add	*4.45*	
09 51 33 23-0019		SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	26.60	0.76
			For Walls >10' High, Add	*5.32*	
09 51 33 23-0020		SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	28.58	0.76
			For Walls >10' High, Add	*5.72*	
09 51 33 23-0021		SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	26.81	0.76
			For Walls >10' High, Add	*5.36*	
09 51 33 23-0022		SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	27.54	0.76
			For Walls >10' High, Add	*5.51*	
09 51 33 23-0023		SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	29.20	0.76
			For Walls >10' High, Add	*5.84*	
09 51 33 33			**Acoustical Tegular Lay-in Metal Pan Ceilings** *(09 51 33)*		
09 51 33 33-0001			Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33)*		
09 51 33 33-0002			Steel, Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33-0001)*		
09 51 33 33-0003		SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	16.09	0.76
09 51 33 33-0004		SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.18	0.76
09 51 33 33-0005		SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	25.87	0.76
09 51 33 33-0006		SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.38	0.76
09 51 33 33-0007		SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	20.88	0.76
09 51 33 33-0008		SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	28.27	0.76

09 53 Acoustical Ceiling Suspension Assemblies *(09 50)*

09 53 13 Curved Profile Ceiling Suspension *(09 53)*

09 53 13 00-0001			Perimeter Trim *(09 53 13)*		
09 53 13 00-0002		LF	2" Straight Section Axiom Perimeter Trim	22.65	
09 53 13 00-0003		LF	4" Straight Section Axiom Perimeter Trim	27.63	
09 53 13 00-0004		LF	6" Straight Section Axiom Perimeter Trim	30.94	
09 53 13 00-0005		EA	2" Corner Section Axiom Perimeter Trim	41.77	
09 53 13 00-0006		EA	4" Corner Section Axiom Perimeter Trim	53.71	
09 53 13 00-0007		EA	6" Corner Section Axiom Perimeter Trim	60.67	

09 53 23 Metal Acoustical Ceiling Suspension Assemblies *(09 53)*

09 53 23 00-0001 Ceiling Suspension Systems *(09 53 23)*

Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from wood deck or wood members above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0002	SF	1' x 1' Grid, Concealed, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System Note: Excludes ceiling tile.	4.55	0.50
		For Fastening To Concrete, Add	*1.27*	
		For Fastening To Steel, Add	*1.38*	
		For Vertical Application, Add	*1.91*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*0.45*	
		For Up To 50, Add	*1.55*	
		For >50 To 200, Add	*0.89*	
		For >200 To 500, Add	*0.34*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.26*	
		For Ceilings >10' High, Add	*0.16*	
09 53 23 00-0003	SF	1' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	3.65	0.50
		For UL Listed (Fire Guard), Add	*0.27*	
		For 1-1/2" Wide Faced Grid, Add	*0.51*	
		For Fastening To Concrete, Add	*1.23*	
		For Fastening To Steel, Add	*1.34*	
		For Vertical Application, Add	*1.60*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*0.37*	
		For Aluminum T-Bar System, Add	*0.82*	
		For Up To 50, Add	*1.28*	
		For >50 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.21*	
		For Ceilings >10' High, Add	*0.14*	
09 53 23 00-0004	SF	2' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	3.01	0.50
		For UL Listed (Fire Guard), Add	*0.20*	
		For 1-1/2" Wide Faced Grid, Add	*0.37*	
		For Fastening To Concrete, Add	*1.22*	
		For Fastening To Steel, Add	*1.33*	
		For Vertical Application, Add	*1.47*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*0.32*	
		For Aluminum T-Bar System, Add	*0.60*	
		For Up To 50, Add	*1.12*	
		For >50 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.18*	
		For Black Grid, Add	*0.17*	
		For Ceilings >10' High, Add	*0.13*	
		For Concealed Spline Grid, Add	*0.50*	
09 53 23 00-0005	SF	2' x 4' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	2.49	0.50
		For UL Listed (Fire Guard), Add	*0.16*	
		For 1-1/2" Wide Faced Grid, Add	*0.30*	
		For Fastening To Concrete, Add	*1.19*	
		For Fastening To Steel, Add	*1.30*	
		For Vertical Application, Add	*1.41*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*0.27*	
		For Aluminum T-Bar System, Add	*0.49*	
		For Up To 50, Add	*0.94*	
		For >50 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.20*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.15*	
		For Black Grid, Add	*0.14*	
		For Ceilings >10' High, Add	*0.11*	
		For Concealed Spline Grid, Add	*0.41*	
09 53 23 00-0006	SF	1'-8" To 2' x 5' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	2.20	0.50
		For UL Listed (Fire Guard), Add	*0.15*	
		For 1-1/2" Wide Faced Grid, Add	*0.28*	
		For Fastening To Concrete, Add	*1.17*	
		For Fastening To Steel, Add	*1.28*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*0.23*	
		For Aluminum T-Bar System, Add	*0.45*	
		For Up To 50, Add	*0.81*	
		For >50 To 200, Add	*0.46*	
		For >200 To 500, Add	*0.17*	
		For >2,500 To 4,000, Deduct	*-0.05*	
		For >4,000 To 5,000, Deduct	*-0.09*	
		For >5,000, Deduct	*-0.13*	
		For Ceilings >10' High, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0007	SF	2' x 2' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System	3.28	0.50
		For UL Listed (Fire Guard), Add	*0.24*	
		For Fastening To Concrete, Add	*1.22*	
		For Fastening To Steel, Add	*1.33*	
		For Vertical Application, Add	*1.47*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.33*	
		Note: For use with projects >500 SF		
		For Up To 50, Add	*1.16*	
		For >50 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.19*	
		For Black Grid, Add	*0.20*	
		For Ceilings >10' High, Add	*0.13*	
09 53 23 00-0008	SF	2' x 4' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System	2.71	0.50
		For UL Listed (Fire Guard), Add	*0.20*	
		For Fastening To Concrete, Add	*1.19*	
		For Fastening To Steel, Add	*1.30*	
		For Vertical Application, Add	*1.41*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.28*	
		Note: For use with projects >500 SF		
		For Up To 50, Add	*0.97*	
		For >50 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.11*	
		For >5,000, Deduct	*-0.16*	
		For Black Grid, Add	*0.16*	
		For Ceilings >10' High, Add	*0.11*	

09 53 23 00-0009 Ceiling Suspension System Accessories *(09 53 23)*

09 53 23 00-0010	LF	Pencil Rod Support For Suspended Ceiling with Accessories	1.32	
09 53 23 00-0011	LF	1" x 1/8" Flat Bar Bracing For Suspended Ceiling	3.16	1.41
		For 304 Stainless Steel, Add	*2.96*	
		For 316 Stainless Steel, Add	*3.33*	
		For Aluminum, Add	*0.19*	
		For Galvanized Steel, Add	*0.64*	
09 53 23 00-0012	LF	1" x 3/16" Flat Bar Bracing For Suspended Ceiling	4.51	1.51
		For 304 Stainless Steel, Add	*4.50*	
		For 316 Stainless Steel, Add	*5.06*	
		For Aluminum, Add	*0.28*	
		For Galvanized Steel, Add	*0.98*	
09 53 23 00-0013	LF	1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling	6.47	1.61
		For 304 Stainless Steel, Add	*9.01*	
		For 316 Stainless Steel, Add	*10.11*	
		For Aluminum, Add	*0.57*	
		For Galvanized Steel, Add	*1.96*	
09 53 23 00-0014	EA	2', Exposed 15/16" Hot-dipped Galvanized Steel, Suspended Ceiling Cross Tee Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.	6.74	0.29
09 53 23 00-0015	EA	Lateral Support For Suspended Ceiling Channel, Installed 12'-0" On Center Maximum Note: Includes vertical centerl strut and four 12 gauge diagonal wires.	30.85	8.78
09 53 23 00-0016	EA	Up To 30" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	70.38	20.43
09 53 23 00-0017	EA	>30" To 48" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	72.96	20.82
09 53 23 00-0018	EA	>48" To 84" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	81.93	20.82

09 53 23 00-0019 Removal And Reinstallation Of Acoustical Ceiling Suspension Assembly *(09 53 23)*

Note: 2'x2' Or 2'x4'. Includes storage and cleaning.

09 53 23 00-0020	SF	Removal And Reinstallation Of Acoustical Ceiling Tile And Grid, 2' x 2' Or 2' x 4' Note: Suspension system tie wire, wall angles and bracing to remain in place.	2.77	
		For Up To 50, Add	*1.52*	
		For >50 To 200, Add	*0.83*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.21*	
		For Ceilings >10' High, Add	*0.21*	
09 53 23 00-0021	SF	Removal And Reinstallation Of Grid System Only Note: Suspension system tie wire, wall angles and bracing to remain in place.	1.21	
		For Up To 50, Add	*0.67*	
		For >50 To 200, Add	*0.36*	
		For >200 To 500, Add	*0.12*	
		For >2,500 To 4,000, Deduct	*-0.03*	
		For >4,000 To 5,000, Deduct	*-0.06*	
		For >5,000, Deduct	*-0.09*	
		For Ceilings >10' High, Add	*0.09*	

09 53 23 00-0022 Existing Ceiling Suspension System Accessories *(09 53 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0023	EA	Ceiling Hold Down Clip (Armstrong FZUHDCA) Note: For existing ceilings	3.31	0.81
		For Up To 40, Add	*1.30*	
		For >40 To 150, Add	*0.65*	
		For >400, Deduct	*-0.30*	

09 54 Specialty Ceilings *(09 50)*

09 54 16 Luminous Ceilings *(09 54)*

09 54 16 00-0001 Translucent Ceiling Panels *(09 54 16)*

09 54 16 00-0002	SF	2' x 2' x 0.013" Thick, Rigid Vinyl Plastic, Translucent Ceiling Panel	3.37	0.50
		For Ceilings >10' High, Add	*0.09*	
		For >100 To 200, Deduct	*-0.16*	
		For >200 To 300, Deduct	*-0.39*	
		For >300, Deduct	*-0.67*	

09 54 23 Linear Metal Ceilings *(09 54)*

09 54 23 00-0001 Linear Ceiling Systems *(09 54 23)*

09 54 23 00-0002 0.032" Aluminum, Linear Ceiling Systems *(09 54 23 00-0001)*

Note: For flat ceilings. Includes round or box style panels with KYNAR 500® or HYLAR 5000® PVDF finish. Includes ceiling suspension system and flush or recessed filler strips.

09 54 23 00-0003	SF	4" Panel Width, 0.032" Aluminum, Linear Ceiling System	21.16	2.09
		For Up To 50, Add	*5.18*	
		For >50 To 200, Add	*3.12*	
		For >200 To 500, Add	*1.31*	
		For >2,500, Deduct	*-1.06*	
		For Ceilings >10' High, Add	*0.38*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-4.01*	
		For Curved Ceilings, Add	*1.22*	
09 54 23 00-0004	SF	8" Panel Width, 0.032" Aluminum, Linear Ceiling System	16.91	2.09
		For Up To 50, Add	*4.50*	
		For >50 To 200, Add	*2.67*	
		For >200 To 500, Add	*1.09*	
		For >2,500, Deduct	*-0.85*	
		For Ceilings >10' High, Add	*0.37*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-1.99*	
		For Curved Ceilings, Add	*1.20*	
09 54 23 00-0005	SF	12" Panel Width, 0.032" Aluminum, Linear Ceiling System	15.28	2.09
		For Up To 50, Add	*4.21*	
		For >50 To 200, Add	*2.49*	
		For >200 To 500, Add	*1.00*	
		For >2,500, Deduct	*-0.76*	
		For Ceilings >10' High, Add	*0.36*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-1.32*	
		For Curved Ceilings, Add	*1.18*	

09 54 23 00-0006 Tin Ceilings *(09 54 23)*

09 54 23 00-0007	SF	2' x 2' Tin Ceiling Embossed Panels	24.24	3.24
		For Up To 50, Add	*5.20*	
		For >50 To 200, Add	*3.20*	
		For >200 To 500, Add	*1.41*	
		For >2,500, Deduct	*-1.21*	
		For Ceilings >10' High, Add	*0.29*	
09 54 23 00-0008	SF	12" x 12" Tin Ceiling Embossed Plates	36.53	2.09
		For Up To 50, Add	*7.12*	
		For >50 To 200, Add	*4.48*	
		For >200 To 500, Add	*2.03*	
		For >2,500, Deduct	*-1.83*	
		For Ceilings >10' High, Add	*0.31*	
09 54 23 00-0009	SF	12" x 24" Tin Ceiling Embossed Plates	26.21	2.09
		For Up To 50, Add	*5.58*	
		For >50 To 200, Add	*3.44*	
		For >200 To 500, Add	*1.52*	
		For >2,500, Deduct	*-1.31*	
		For Ceilings >10' High, Add	*0.31*	
09 54 23 00-0010	SF	24" x 24" Tin Ceiling Embossed Plates	24.07	2.09
		For Up To 50, Add	*5.13*	
		For >50 To 200, Add	*3.17*	
		For >200 To 500, Add	*1.39*	
		For >2,500, Deduct	*-1.20*	
		For Ceilings >10' High, Add	*0.28*	
09 54 23 00-0011	SF	24" x 48" Tin Ceiling Embossed Plates	21.00	1.56
		For Up To 50, Add	*4.48*	
		For >50 To 200, Add	*2.76*	
		For >200 To 500, Add	*1.22*	
		For >2,500, Deduct	*-1.05*	
		For Ceilings >10' High, Add	*0.25*	
09 54 23 00-0012	LF	3" Or 4" Wide Embossed Molding	15.05	3.13
09 54 23 00-0013	LF	6" Wide Embossed Molding	19.17	3.65
09 54 23 00-0014	LF	12" Wide Embossed Molding	25.94	4.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 54 23 00-0015	EA	3", 4" Or 6" Wide Embossed Cross, Tee Or Ell	42.93	9.91
09 54 23 00-0016	EA	12" Wide Embossed Cross, Tee Or Ell	60.96	11.58

09 57 Special Function Ceilings *(09 50)*

09 57 63 High Impact Ceilings *(09 57)*

09 57 63 00-0001 High Impact Ceilings *(09 57 63)*

09 57 63 00-0002	SF	Polyvinyl Chloride Face High Impact Ceiling Panels	12.08	1.01
		For Ceilings >10' High, Add	*0.12*	
09 57 63 00-0003	EA	High Impact Clips	5.23	0.81
		For Ceilings >10' High, Add	*0.19*	

09 60 Flooring *(09)*

Note: Perform moisture testing as recommended by manufacturer.

09 61 Flooring Treatment *(09 60)*

09 61 13 Slip-Resistant Flooring Treatment *(09 61)*

09 61 13 00-0001 Anti-Slip Tape *(09 61 13)*

Note: Grit sandpaper surface with adhesive back.

09 61 13 00-0002	LF	1" Anti-Slip Tape	2.75	2.01
09 61 13 00-0003	LF	2" Anti-Slip Tape	3.52	2.21
09 61 13 00-0004	LF	3" Anti-Slip Tape	4.28	2.43
09 61 13 00-0005	LF	4" Anti-Slip Tape	4.99	2.67
09 61 13 00-0006	LF	6" Anti-Slip Tape	6.43	2.94
09 61 13 00-0007	LF	12" Anti-Slip Tape	11.36	4.41
09 61 13 00-0008	LF	24" Anti-Slip Tape	16.03	6.62

09 63 Masonry Flooring *(09 60)*

09 63 13 Brick Flooring *(09 63)*

09 63 13 00-0001 Clay Bricks *(09 63 13)*

09 63 13 00-0002	SF	2-1/4" Thick Clay Brick Floor	27.84	8.99
		For Basket Weave Pattern, Add	*1.92*	
		For Herringbone Pattern, Add	*2.56*	
		For Epoxy Joints, Add	*4.92*	
09 63 13 00-0003	SF	3" Thick Clay Brick Floor	31.58	8.99
		For Basket Weave Pattern, Add	*1.92*	
		For Herringbone Pattern, Add	*2.56*	
		For Epoxy Joints, Add	*4.92*	
09 63 13 00-0004	SF	1/2" Thick Unglazed Clay Brick Floor	17.33	8.99
		For Basket Weave Pattern, Add	*1.92*	
		For Herringbone Pattern, Add	*2.56*	
		For Epoxy Joints, Add	*4.92*	
09 63 13 00-0005	SF	1/2" Thick Glazed Clay Brick Floor	20.72	8.99
		For Basket Weave Pattern, Add	*1.92*	
		For Herringbone Pattern, Add	*2.56*	
		For Epoxy Joints, Add	*4.92*	
09 63 13 00-0006	SF	3/4" Thick Unglazed Clay Brick Floor	18.85	8.99
		For Basket Weave Pattern, Add	*1.92*	
		For Herringbone Pattern, Add	*2.56*	
		For Epoxy Joints, Add	*4.92*	
09 63 13 00-0007	SF	3/4" Thick Glazed Clay Brick Floor	23.35	8.99
		For Basket Weave Pattern, Add	*1.92*	
		For Herringbone Pattern, Add	*2.56*	
		For Epoxy Joints, Add	*4.92*	
09 63 13 00-0008	SF	15/16" Thick Unglazed Clay Brick Floor	20.31	8.99
		For Basket Weave Pattern, Add	*1.92*	
		For Herringbone Pattern, Add	*2.56*	
		For Epoxy Joints, Add	*4.92*	
09 63 13 00-0009	SF	15/16" Thick Glazed Clay Brick Floor	26.00	8.99
		For Basket Weave Pattern, Add	*1.92*	
		For Herringbone Pattern, Add	*2.56*	
		For Epoxy Joints, Add	*4.92*	

09 63 43 Composition Stone Flooring *(09 63)*

09 63 43 00-0001 Cupric Oxychloride Cement, Seamless Flooring System *(09 63 43)*

Note: Chemical and slip resistant. OSHA and USDA approved.

09 63 43 00-0002	SF	3/8" Thick, Cupric Oxychloride Cement, Seamless Flooring System, Trowel Applied	17.45	5.18

09 64 Wood Flooring *(09 60)*

09 64 13 Wood Flooring Underlayment *(09 64)*

09 64 13 00-0001 Wood Flooring Underlayment *(09 64 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 13 00-0002	SF	1/8" Thick Laminate And Wood Floor Underlayment (Roberts Harmony Premium 3-in-1)	1.65	
09 64 13 00-0003	SF	2mm Thick, Foam Underlayment For Laminate Flooring (SimpleSolutions Soundbloc)	0.82	
09 64 13 00-0004	SF	Underlayment For Wood And Laminate Flooring (Halex VersaSheild VS-60)	2.02	
09 64 13 00-0005	SF	Regular Weight Red Rosin Paper, Wood Flooring Underlayment	0.47	
09 64 13 00-0006	SF	Heavy Weight Red Rosin Paper, Wood Flooring Underlayment	0.48	
09 64 13 00-0007	SF	30 LB, Waxed Paper, Wood Flooring Underlayment	0.51	
09 64 13 00-0008	SF	15 LB, Asphalt Saturated Organic Felt, Wood Flooring Underlayment	0.57	
09 64 13 00-0009	SF	6 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.51	
09 64 13 00-0010	SF	8 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.57	
09 64 13 00-0011	SF	1/8" Thick, Natural Cork, Wood Flooring Underlayment	2.27	0.32
09 64 13 00-0012	SF	1/4" Thick, Natural Cork, Wood Flooring Underlayment	2.38	0.32
09 64 13 00-0013	SF	3/32" Thick, Polyethylene Foam, Wood Flooring Underlayment (Roberts® Unison™ 70-025-15)	0.84	
09 64 13 00-0014	SF	2.0mm Thick, Progressive Foam Technology, Wood Flooring Underlayment (Roberts® Quiet Cushion 70-180)	1.05	
09 64 13 00-0015	SF	4.0mm Thick, Compressed Fiber, Wood Flooring Underlayment (Roberts® Super Felt 70-193)	1.14	
09 64 13 00-0016	SF	2.5mm Thick, Closed Cell Foam, Wood Flooring Underlayment (Roberts® Black Jack™ 70-026)	1.39	
09 64 13 00-0017	SF	1/8" Thick, Moisture Barrier, Sound Reduction And Cushioning, Wood Flooring Underlayment (Roberts® AirGuard™ 70-105)	1.41	0.21

09 64 23 Wood Parquet Flooring *(09 64)*

Note: All wood parquet flooring is prefinished at factory.

09 64 23 00-0001 Hardwood Parquet Flooring *(09 64 23)*

09 64 23 00-0002	SF	5/16" Thick Oak Parquet Flooring	11.20	1.01
		For Up To 20, Add	*4.51*	
		For >20 To 50, Add	*2.38*	
		For >50 To 100, Add	*1.19*	
		For >100 To 300, Add	*0.59*	

09 64 29 Wood Strip and Plank Flooring *(09 64)*

Note: All wood strip flooring is unfinished, tongue and groove.

09 64 29 00-0001 Unfinished Fir, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0002	SF	3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring	13.24	1.01
		For Factory Finish, Add	*0.87*	
		For Random Width Floor, Add	*3.08*	
		For Up To 20, Add	*4.02*	
		For >20 To 50, Add	*2.23*	
		For >50 To 100, Add	*1.11*	
		For >100 To 300, Add	*0.56*	

09 64 29 00-0003 Unfinished Oak, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0004 Unfinished White Oak, Wood Strip Flooring *(09 64 29 00-0003)*

09 64 29 00-0005	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	10.46	1.01
		For Factory Finish, Add	*0.46*	
		For Random Width Floor, Add	*2.32*	
		For Up To 20, Add	*4.23*	
		For >20 To 50, Add	*2.23*	
		For >50 To 100, Add	*1.11*	
		For >100 To 300, Add	*0.56*	
09 64 29 00-0006	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	11.05	1.01
		For Factory Finish, Add	*0.51*	
		For Random Width Floor, Add	*2.47*	
		For Up To 20, Add	*4.32*	
		For >20 To 50, Add	*2.29*	
		For >50 To 100, Add	*1.14*	
		For >100 To 300, Add	*0.57*	
09 64 29 00-0007	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	11.94	1.01
		For Factory Finish, Add	*0.60*	
		For Random Width Floor, Add	*2.69*	
		For Up To 20, Add	*4.45*	
		For >20 To 50, Add	*2.38*	
		For >50 To 100, Add	*1.19*	
		For >100 To 300, Add	*0.59*	
09 64 29 00-0008	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	9.27	1.01
		For Factory Finish, Add	*0.48*	
		For Random Width Floor, Add	*2.09*	
		For Up To 20, Add	*3.42*	
		For >20 To 50, Add	*1.83*	
		For >50 To 100, Add	*0.92*	
		For >100 To 300, Add	*0.46*	
09 64 29 00-0009	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	9.74	1.01
		For Factory Finish, Add	*0.52*	
		For Random Width Floor, Add	*2.21*	
		For Up To 20, Add	*3.50*	
		For >20 To 50, Add	*1.88*	
		For >50 To 100, Add	*0.94*	
		For >100 To 300, Add	*0.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0010	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	10.65	1.01
		For Factory Finish, Add	*0.61*	
		For Random Width Floor, Add	*2.44*	
		For Up To 20, Add	*3.63*	
		For >20 To 50, Add	*1.97*	
		For >50 To 100, Add	*0.98*	
		For >100 To 300, Add	*0.49*	
09 64 29 00-0011		Unfinished Red Oak, Wood Strip Flooring *(09 64 29 00-0003)*		
09 64 29 00-0012	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	10.56	1.01
		For Factory Finish, Add	*0.47*	
		For Random Width Floor, Add	*2.34*	
		For Up To 20, Add	*4.24*	
		For >20 To 50, Add	*2.24*	
		For >50 To 100, Add	*1.12*	
		For >100 To 300, Add	*0.56*	
09 64 29 00-0013	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	11.15	1.01
		For Factory Finish, Add	*0.52*	
		For Random Width Floor, Add	*2.49*	
		For Up To 20, Add	*4.33*	
		For >20 To 50, Add	*2.30*	
		For >50 To 100, Add	*1.15*	
		For >100 To 300, Add	*0.57*	
09 64 29 00-0014	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	12.04	1.01
		For Factory Finish, Add	*0.61*	
		For Random Width Floor, Add	*2.71*	
		For Up To 20, Add	*4.47*	
		For >20 To 50, Add	*2.39*	
		For >50 To 100, Add	*1.19*	
		For >100 To 300, Add	*0.60*	
09 64 29 00-0015	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	9.36	1.01
		For Factory Finish, Add	*0.48*	
		For Random Width Floor, Add	*2.11*	
		For Up To 20, Add	*3.44*	
		For >20 To 50, Add	*1.84*	
		For >50 To 100, Add	*0.92*	
		For >100 To 300, Add	*0.46*	
09 64 29 00-0016	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	9.96	1.01
		For Factory Finish, Add	*0.54*	
		For Random Width Floor, Add	*2.26*	
		For Up To 20, Add	*3.53*	
		For >20 To 50, Add	*1.90*	
		For >50 To 100, Add	*0.95*	
		For >100 To 300, Add	*0.48*	
09 64 29 00-0017	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	10.75	1.01
		For Factory Finish, Add	*0.62*	
		For Random Width Floor, Add	*2.46*	
		For Up To 20, Add	*3.65*	
		For >20 To 50, Add	*1.98*	
		For >50 To 100, Add	*0.99*	
		For >100 To 300, Add	*0.49*	
09 64 29 00-0018		Unfinished Maple, Wood Strip Flooring *(09 64 29)*		
09 64 29 00-0019		25/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*		
09 64 29 00-0020	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	12.73	1.01
		For Factory Finish, Add	*0.68*	
		For Random Width Floor, Add	*2.89*	
		For Up To 20, Add	*4.57*	
		For >20 To 50, Add	*2.46*	
		For >50 To 100, Add	*1.23*	
		For >100 To 300, Add	*0.61*	
09 64 29 00-0021	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	11.74	1.01
		For Factory Finish, Add	*0.58*	
		For Random Width Floor, Add	*2.64*	
		For Up To 20, Add	*4.42*	
		For >20 To 50, Add	*2.36*	
		For >50 To 100, Add	*1.18*	
		For >100 To 300, Add	*0.59*	
09 64 29 00-0022	SF	3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	11.73	1.01
		For Factory Finish, Add	*0.72*	
		For Random Width Floor, Add	*2.71*	
		For Up To 20, Add	*3.79*	
		For >20 To 50, Add	*2.08*	
		For >50 To 100, Add	*1.04*	
		For >100 To 300, Add	*0.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0023	SF	3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	10.75	1.01
		For Factory Finish, Add	*0.62*	
		For Random Width Floor, Add	*2.46*	
		For Up To 20, Add	*3.65*	
		For >20 To 50, Add	*1.98*	
		For >50 To 100, Add	*0.99*	
		For >100 To 300, Add	*0.49*	

09 64 29 00-0024 33/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*

09 64 29 00-0025	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	14.86	1.01
		For Factory Finish, Add	*0.90*	
		For Random Width Floor, Add	*3.42*	
		For Up To 20, Add	*4.89*	
		For >20 To 50, Add	*2.67*	
		For >50 To 100, Add	*1.33*	
		For >100 To 300, Add	*0.67*	
09 64 29 00-0026	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	13.54	1.01
		For Factory Finish, Add	*0.76*	
		For Random Width Floor, Add	*3.09*	
		For Up To 20, Add	*4.69*	
		For >20 To 50, Add	*2.54*	
		For >50 To 100, Add	*1.27*	
		For >100 To 300, Add	*0.63*	
09 64 29 00-0027	SF	3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	14.01	1.01
		For Factory Finish, Add	*0.95*	
		For Random Width Floor, Add	*3.28*	
		For Up To 20, Add	*4.14*	
		For >20 To 50, Add	*2.31*	
		For >50 To 100, Add	*1.15*	
		For >100 To 300, Add	*0.58*	
09 64 29 00-0028	SF	3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	12.68	1.01
		For Factory Finish, Add	*0.82*	
		For Random Width Floor, Add	*2.94*	
		For Up To 20, Add	*3.94*	
		For >20 To 50, Add	*2.17*	
		For >50 To 100, Add	*1.09*	
		For >100 To 300, Add	*0.54*	

09 64 29 00-0029 Prefinished Engineered Wood Flooring *(09 64 29)*

Note: Glued or nailed. Excludes underlayment. See CSI section 09 64 13 00-0001 for wood flooring underlayment.

09 64 29 00-0030	SF	1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring	16.08	1.01
		For Up To 20, Add	*4.19*	
		For >20 To 50, Add	*2.40*	
		For >50 To 100, Add	*1.20*	
		For >100 To 300, Add	*0.60*	
09 64 29 00-0031	SF	1/2" Thick, White Oak, Prefinished Engineered Wood Flooring	16.08	1.01
		For Up To 20, Add	*4.19*	
		For >20 To 50, Add	*2.40*	
		For >50 To 100, Add	*1.20*	
		For >100 To 300, Add	*0.60*	
09 64 29 00-0032	SF	1/2" Thick, Select Maple, Prefinished Engineered Wood Flooring	15.55	1.01
		For Up To 20, Add	*4.11*	
		For >20 To 50, Add	*2.34*	
		For >50 To 100, Add	*1.17*	
		For >100 To 300, Add	*0.59*	
09 64 29 00-0033	SF	1/2" Thick, Natural Hickory, Prefinished Engineered Wood Flooring	15.96	1.01
		For Up To 20, Add	*4.17*	
		For >20 To 50, Add	*2.38*	
		For >50 To 100, Add	*1.19*	
		For >100 To 300, Add	*0.60*	

09 64 66 Wood Athletic Flooring *(09 64)*

Note: 1-1/2" or 2-1/4" widths. Excludes finish.

09 64 66 00-0001 Wood Gym/Stage/Dance Floors Applied On Existing Subfloor *(09 64 66)*

Note: Includes sanding. Excludes concrete repairs to subbase, subflooring, thresholds, and finishing.

09 64 66 00-0002	SF	25/32" Maple Wood Gym/Stage/Dance Floor	14.71	5.03
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0003	SF	33/32" Maple Wood Gym/Stage/Dance Floor	17.75	5.23
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	

09 64 66 00-0004 Wood Gym/Stage/Dance Floor Systems *(09 64 66)*

Note: Includes sanding. Excludes concrete repairs to subbase, thresholds, and finishing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 66 00-0005	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion)	19.70	6.53
		Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.		
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0006	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok)	20.91	6.53
		Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.		
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0007	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex)	23.58	6.53
		Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.		
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0008	SF	Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus)	22.38	6.53
		Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.		
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0009	SF	Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock)	25.12	6.53
		Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.		
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	

09 65 Resilient Flooring *(09 60)*

See CSI section 03 54 16 00-0001 for self leveling underlayment for uneven floors.

09 65 13 Resilient Base and Accessories *(09 65)*

09 65 13 13 Resilient Base *(09 65 13)*

09 65 13 13-0001 Type TV Thermoplastic Vinyl Wall Base *(09 65 13 13)*

Note: Includes inside and outside corners.

09 65 13 13-0002	LF	2-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	4.20	1.06
		For Up To 20, Add	*1.47*	
		For >20 To 40, Add	*0.84*	
		For >40 To 80, Add	*0.32*	
		For >240 To 960, Deduct	*-0.32*	
		For >960, Deduct	*-0.47*	
09 65 13 13-0003	LF	4" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	4.99	1.06
		For Up To 20, Add	*1.59*	
		For >20 To 40, Add	*0.92*	
		For >40 To 80, Add	*0.35*	
		For >240 To 960, Deduct	*-0.39*	
		For >960, Deduct	*-0.59*	
09 65 13 13-0004	LF	6" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	6.70	1.06
		For Up To 20, Add	*1.85*	
		For >20 To 40, Add	*1.09*	
		For >40 To 80, Add	*0.44*	
		For >240 To 960, Deduct	*-0.57*	
		For >960, Deduct	*-0.85*	

09 65 13 13-0005 Type TP Thermoplastic Rubber Wall Base *(09 65 13 13)*

Note: Includes inside and outside corners.

09 65 13 13-0006	LF	2-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	4.71	1.06
		For Up To 20, Add	*1.55*	
		For >20 To 40, Add	*0.89*	
		For >40 To 80, Add	*0.34*	
		For >240 To 960, Deduct	*-0.37*	
		For >960, Deduct	*-0.55*	
09 65 13 13-0007	LF	4" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.31	1.06
		For Up To 20, Add	*1.64*	
		For >20 To 40, Add	*0.95*	
		For >40 To 80, Add	*0.37*	
		For >240 To 960, Deduct	*-0.43*	
		For >960, Deduct	*-0.64*	
09 65 13 13-0008	LF	6" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	6.95	1.06
		For Up To 20, Add	*1.88*	
		For >20 To 40, Add	*1.12*	
		For >40 To 80, Add	*0.45*	
		For >240 To 960, Deduct	*-0.59*	
		For >960, Deduct	*-0.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 13-0009	LF	2-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	9.28	1.06
		For Up To 20, Add	*2.23*	
		For >20 To 40, Add	*1.35*	
		For >40 To 80, Add	*0.57*	
		For >240 To 960, Deduct	*-0.82*	
		For >960, Deduct	*-1.23*	
09 65 13 13-0010	LF	3" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	9.78	1.06
		For Up To 20, Add	*2.31*	
		For >20 To 40, Add	*1.40*	
		For >40 To 80, Add	*0.59*	
		For >240 To 960, Deduct	*-0.87*	
		For >960, Deduct	*-1.31*	
09 65 13 13-0011	LF	4-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	12.38	1.06
		For Up To 20, Add	*2.70*	
		For >20 To 40, Add	*1.66*	
		For >40 To 80, Add	*0.72*	
		For >240 To 960, Deduct	*-1.13*	
		For >960, Deduct	*-1.70*	
09 65 13 13-0012	LF	6" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	17.53	1.06
		For Up To 20, Add	*3.47*	
		For >20 To 40, Add	*2.17*	
		For >40 To 80, Add	*0.98*	
		For >240 To 960, Deduct	*-1.65*	
		For >960, Deduct	*-2.47*	

09 65 13 13-0013 Type TS Thermoset Vulcanized Rubber Wall Base *(09 65 13 13)*

Note: Includes inside and outside corners.

09 65 13 13-0014	LF	2-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	5.37	1.26
		For Up To 20, Add	*1.65*	
		For >20 To 40, Add	*0.96*	
		For >40 To 80, Add	*0.37*	
		For >240 To 960, Deduct	*-0.43*	
		For >960, Deduct	*-0.65*	
09 65 13 13-0015	LF	4" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	5.39	1.06
		For Up To 20, Add	*1.65*	
		For >20 To 40, Add	*0.96*	
		For >40 To 80, Add	*0.37*	
		For >240 To 960, Deduct	*-0.43*	
		For >960, Deduct	*-0.65*	
09 65 13 13-0016	LF	6" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	8.22	1.26
		For Up To 20, Add	*2.25*	
		For >20 To 40, Add	*1.33*	
		For >40 To 80, Add	*0.54*	
		For >240 To 960, Deduct	*-0.70*	
		For >960, Deduct	*-1.04*	

09 65 13 23 Resilient Stair Treads and Risers *(09 65 13)*

Note: All treads have integral nosing. Abrasive strip modifier includes either 1 or 2 strips running the length of the tread.
All colors.

09 65 13 23-0001 Rubber Stair Treads and Risers *(09 65 13 23)*

09 65 13 23-0002 Raised Disc Or Other Patterned Rubber Stair Tread *(09 65 13 23-0001)*

09 65 13 23-0003	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern.	15.88	1.68
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0004	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern.	17.04	1.81
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0005	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern.	20.83	1.93
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	

09 65 13 23-0006 Smooth Surface Rubber Stair Tread *(09 65 13 23-0001)*

09 65 13 23-0007	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	14.91	1.68
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0008	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	15.65	1.81
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0009	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	19.39	1.94
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	

09 65 13 23-0010 Smooth Surface Rubber Stair Riser *(09 65 13 23-0001)*

09 65 13 23-0011	LF	1/8" Thick, Smooth Surface Rubber Stair Riser	8.70	1.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 23-0012		Smooth, Raised Disc or Other Patterned Rubber Landing Mats *(09 65 13 23-0001)*		
09 65 13 23-0013	SF	1/8" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	24.94	1.56
09 65 13 23-0014	SF	3/16" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	29.94	1.68
09 65 13 23-0015	SF	7/32" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	32.36	1.89
09 65 13 23-0016		Vinyl Stair Treads and Risers *(09 65 13 23)*		
09 65 13 23-0017		Ribbed Vinyl Stair Tread *(09 65 13 23-0016)*		
09 65 13 23-0018	LF	1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	16.68	1.53
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0019	LF	3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	18.44	1.68
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0020	LF	1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	22.33	1.82
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0021		Smooth Surface Vinyl Stair Riser *(09 65 13 23-0016)*		
09 65 13 23-0022	LF	1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser	9.17	1.01
09 65 13 33		**Resilient Accessories** *(09 65 13)*		
09 65 13 33-0001		Flexible Self Leveling Cementitious Underlayments *(09 65 13 33)*		
09 65 13 33-0002	SF	1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	1.63	0.85
09 65 13 33-0003	SF	1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	2.53	0.85
09 65 13 33-0004		Concrete Floor Prep *(09 65 13 33)*		
09 65 13 33-0005	SF	Removal Of Glue From Concrete Floor Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.	1.06	
09 65 13 36		**Resilient Carpet Transitions** *(09 65 13)*		
09 65 13 36-0001		Vinyl Transition Strip *(09 65 13 36)*		
09 65 13 36-0002	LF	Vinyl Transition Strip, Brown Or Black	2.48	0.76
		For >240 To 960, Deduct	*-0.20*	
		For >960, Deduct	*-0.29*	
09 65 13 36-0003	LF	Vinyl Floor Tile Reducer Strip, Brown Or Black	2.18	0.76
		For >240 To 960, Deduct	*-0.17*	
		For >960, Deduct	*-0.25*	
09 65 13 36-0004	LF	Vinyl Floor Tile Feature Strip, Brown Or Black	1.82	0.76
		For >240 To 960, Deduct	*-0.13*	
		For >960, Deduct	*-0.19*	
09 65 13 36-0005	LF	1/4" To 1/8" Material, Narrow, Vinyl, Slim Line Transition (Johnsonite SLT-XX-A)	2.84	1.06
		For Up To 20, Add	*1.10*	
		For >20 To 40, Add	*0.62*	
		For >40 To 80, Add	*0.23*	
		For >240 To 960, Deduct	*-0.20*	
		For >960, Deduct	*-0.30*	
09 65 13 36-0006		Vinyl, Wheeled Traffic Transitions *(09 65 13 36)*		
09 65 13 36-0007	LF	1/4" To 1/8" Material x 1-3/4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-A)	3.59	1.06
		For Up To 20, Add	*1.21*	
		For >20 To 40, Add	*0.70*	
		For >40 To 80, Add	*0.26*	
		For >240 To 960, Deduct	*-0.28*	
		For >960, Deduct	*-0.41*	
09 65 13 36-0008	LF	1/4" To 1/8" Material x 1", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-C)	3.59	1.06
		For Up To 20, Add	*1.21*	
		For >20 To 40, Add	*0.70*	
		For >40 To 80, Add	*0.26*	
		For >240 To 960, Deduct	*-0.28*	
		For >960, Deduct	*-0.41*	
09 65 13 36-0009	LF	5/16" To 1/16" Or 1/8" Material x 1-5/8", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-D)	4.45	1.06
		For Up To 20, Add	*1.34*	
		For >20 To 40, Add	*0.78*	
		For >40 To 80, Add	*0.31*	
		For >240 To 960, Deduct	*-0.36*	
		For >960, Deduct	*-0.54*	
09 65 13 36-0010	LF	1/4" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-H)	7.46	1.06
		For Up To 20, Add	*1.79*	
		For >20 To 40, Add	*1.08*	
		For >40 To 80, Add	*0.46*	
		For >240 To 960, Deduct	*-0.66*	
		For >960, Deduct	*-0.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 36-0011	LF	1/4" To 1/8" Material x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HL)	7.48	1.06
		For Up To 20, Add	*1.79*	
		For >20 To 40, Add	*1.08*	
		For >40 To 80, Add	*0.46*	
		For >240 To 960, Deduct	*-0.66*	
		For >960, Deduct	*-1.00*	
09 65 13 36-0012	LF	1/4" To 0.08" Or 2 mm Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HT)	4.89	1.06
		For Up To 20, Add	*1.41*	
		For >20 To 40, Add	*0.83*	
		For >40 To 80, Add	*0.33*	
		For >240 To 960, Deduct	*-0.41*	
		For >960, Deduct	*-0.61*	
09 65 13 36-0013	LF	1/4" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-J)	7.27	1.06
		For Up To 20, Add	*1.76*	
		For >20 To 40, Add	*1.06*	
		For >40 To 80, Add	*0.45*	
		For >240 To 960, Deduct	*-0.64*	
		For >960, Deduct	*-0.96*	
09 65 13 36-0014	LF	1/4" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-JL)	7.54	1.06
		For Up To 20, Add	*1.80*	
		For >20 To 40, Add	*1.09*	
		For >40 To 80, Add	*0.46*	
		For >240 To 960, Deduct	*-0.67*	
		For >960, Deduct	*-1.01*	
09 65 13 36-0015	LF	3/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-K)	6.32	1.06
		For Up To 20, Add	*1.62*	
		For >20 To 40, Add	*0.97*	
		For >40 To 80, Add	*0.40*	
		For >240 To 960, Deduct	*-0.55*	
		For >960, Deduct	*-0.82*	
09 65 13 36-0016	LF	3/8" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-L)	6.92	1.06
		For Up To 20, Add	*1.71*	
		For >20 To 40, Add	*1.03*	
		For >40 To 80, Add	*0.43*	
		For >240 To 960, Deduct	*-0.61*	
		For >960, Deduct	*-0.91*	
09 65 13 36-0017	LF	1/4" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-M)	7.54	1.06
		For Up To 20, Add	*1.80*	
		For >20 To 40, Add	*1.09*	
		For >40 To 80, Add	*0.46*	
		For >240 To 960, Deduct	*-0.67*	
		For >960, Deduct	*-1.01*	
09 65 13 36-0018	LF	1/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-N)	6.21	1.06
		For Up To 20, Add	*1.60*	
		For >20 To 40, Add	*0.96*	
		For >40 To 80, Add	*0.39*	
		For >240 To 960, Deduct	*-0.54*	
		For >960, Deduct	*-0.81*	
09 65 13 36-0019	LF	3/8" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-P)	5.22	1.06
		For Up To 20, Add	*1.46*	
		For >20 To 40, Add	*0.86*	
		For >40 To 80, Add	*0.35*	
		For >240 To 960, Deduct	*-0.44*	
		For >960, Deduct	*-0.66*	
09 65 13 36-0020	LF	3/8" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-PL)	7.75	1.06
		For Up To 20, Add	*1.83*	
		For >20 To 40, Add	*1.11*	
		For >40 To 80, Add	*0.47*	
		For >240 To 960, Deduct	*-0.69*	
		For >960, Deduct	*-1.04*	
09 65 13 36-0021	LF	1/2" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Q)	10.03	1.06
		For Up To 20, Add	*2.18*	
		For >20 To 40, Add	*1.34*	
		For >40 To 80, Add	*0.59*	
		For >240 To 960, Deduct	*-0.92*	
		For >960, Deduct	*-1.38*	
09 65 13 36-0022	LF	0.08" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-X)	5.06	1.06
		For Up To 20, Add	*1.43*	
		For >20 To 40, Add	*0.84*	
		For >40 To 80, Add	*0.34*	
		For >240 To 960, Deduct	*-0.42*	
		For >960, Deduct	*-0.63*	
09 65 13 36-0023	LF	0.08" To 0.08" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Y)	5.14	1.06
		For Up To 20, Add	*1.44*	
		For >20 To 40, Add	*0.85*	
		For >40 To 80, Add	*0.34*	
		For >240 To 960, Deduct	*-0.43*	
		For >960, Deduct	*-0.65*	
09 65 13 36-0024	LF	0.08" To 3/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Z)	5.86	1.06
		For Up To 20, Add	*1.55*	
		For >20 To 40, Add	*0.92*	
		For >40 To 80, Add	*0.38*	
		For >240 To 960, Deduct	*-0.50*	
		For >960, Deduct	*-0.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 65 16 Resilient Sheet Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 16 23 Vinyl Sheet Flooring *(09 65 16)*

09 65 16 23-0001 Vinyl Sheet Flooring *(09 65 16 23)*

Note: For flash cove application, add additional square foot of material to form cove base.

09 65 16 23-0002	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring	10.56	0.63
		For Up To 40, Add	*3.79*	
		For >40 To 100, Add	*1.89*	
		For >1,000, Deduct	*-0.93*	
09 65 16 23-0003	SF	0.080" Overall Thickness, 0.060" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring	8.58	0.63
		For Up To 40, Add	*3.39*	
		For >40 To 100, Add	*1.70*	
		For >1,000, Deduct	*-0.73*	
09 65 16 23-0004	SF	0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring	5.49	0.63
		For Up To 40, Add	*2.78*	
		For >40 To 100, Add	*1.39*	
		For >1,000, Deduct	*-0.42*	
09 65 16 23-0005	SF	0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring	7.22	0.63
		For Up To 40, Add	*3.12*	
		For >40 To 100, Add	*1.56*	
		For >1,000, Deduct	*-0.59*	
09 65 16 23-0006	SF	0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring	9.76	0.63
		For Up To 40, Add	*3.63*	
		For >40 To 100, Add	*1.81*	
		For >1,000, Deduct	*-0.85*	
09 65 16 23-0007	SF	0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring	13.60	0.63
		For Up To 40, Add	*4.40*	
		For >40 To 100, Add	*2.20*	
		For >1,000, Deduct	*-1.23*	

09 65 16 23-0008 Heat Welding Vinyl Sheet Flooring Seams *(09 65 16 23)*

Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.

09 65 16 23-0009	LF	Heat Weld Non-Patterned Vinyl Sheet Flooring Seams	6.03
09 65 16 23-0010	LF	Heat Weld Patterned Vinyl Sheet Flooring Seams	6.45

09 65 16 23-0011 Forming Vinyl Sheet Flooring Inside/Outside Cove Corners *(09 65 16 23)*

Note: Excludes heat welding.

09 65 16 23-0012	EA	Forming Vinyl Sheet Flooring Inside/Outside Cove Corners	14.05

09 65 16 23-0013 Vinyl Sheet Flooring Accessories *(09 65 16 23)*

09 65 16 23-0014	LF	1/2" Radius Vinyl Cove Filler Strip	3.97
09 65 16 23-0015	LF	1-1/4" Radius Vinyl Cove Filler Strip	3.53
09 65 16 23-0016	LF	1-1/2" Radius Vinyl Cove Filler Strip	5.51
09 65 16 23-0017	LF	1/8" Aluminum Cove Cap	2.66

09 65 19 Resilient Tile Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.

09 65 19 19 Vinyl Composition Tile Flooring *(09 65 19)*

09 65 19 19-0001 Vinyl Composition Tile (VCT) *(09 65 19 19)*

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.

09 65 19 19-0002	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®)	4.02	1.26
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.22*	
		For >6,000, Deduct	*-0.38*	
		For 3/32" Thick, Deduct	*-0.25*	
		For Extra Stock, Material Only, Deduct	*-1.48*	
09 65 19 19-0003	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™)	3.85	1.26
		For >1,000 To 3,000, Deduct	*-0.08*	
		For >3,000 To 6,000, Deduct	*-0.21*	
		For >6,000, Deduct	*-0.37*	
		For Extra Stock, Material Only, Deduct	*-1.48*	
09 65 19 19-0004	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®)	3.85	1.26
		For >1,000 To 3,000, Deduct	*-0.08*	
		For >3,000 To 6,000, Deduct	*-0.21*	
		For >6,000, Deduct	*-0.37*	
		For Extra Stock, Material Only, Deduct	*-1.48*	
09 65 19 19-0005	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™)	6.06	1.26
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.30*	
		For >6,000, Deduct	*-0.50*	
		For Extra Stock, Material Only, Deduct	*-1.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 19-0006	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®)	6.09	1.26
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.30*	
		For >6,000, Deduct	*-0.51*	
		For Extra Stock, Material Only, Deduct	*-1.48*	
09 65 19 19-0007	SF	1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®)	6.51	1.26
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.32*	
		For >6,000, Deduct	*-0.53*	
		For Extra Stock, Material Only, Deduct	*-1.48*	
09 65 19 19-0008	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®)	6.57	1.26
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.32*	
		For >6,000, Deduct	*-0.53*	
		For Extra Stock, Material Only, Deduct	*-1.48*	
09 65 19 19-0009	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™)	6.84	1.26
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.33*	
		For >6,000, Deduct	*-0.55*	
		For Extra Stock, Material Only, Deduct	*-1.48*	
09 65 19 19-0010	SF	1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™)	9.25	1.26
		For >1,000 To 3,000, Deduct	*-0.19*	
		For >3,000 To 6,000, Deduct	*-0.42*	
		For >6,000, Deduct	*-0.70*	
		For Extra Stock, Material Only, Deduct	*-1.48*	
09 65 19 19-0011	SF	1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™)	10.20	1.26
		For >1,000 To 3,000, Deduct	*-0.21*	
		For >3,000 To 6,000, Deduct	*-0.46*	
		For >6,000, Deduct	*-0.75*	
		For Extra Stock, Material Only, Deduct	*-1.48*	

09 65 19 19-0012 Static Dissipative Vinyl Composition Tile (VCT) *(09 65 19 19)*

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 2 through pattern tile as listed in the task description.

09 65 19 19-0013	SF	1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™)	17.63	1.26
		For >1,000 To 3,000, Deduct	*-0.37*	
		For >3,000 To 6,000, Deduct	*-0.80*	
		For >6,000, Deduct	*-1.29*	
		For Extra Stock, Material Only, Deduct	*-2.50*	
09 65 19 19-0014	SF	1/8" Thick, Static Dissipative, Soild Vinyl Composition Tile (VCT) (Staticworx, Ameriworx® ESD)	14.25	1.26
		For Up To 20, Add	*3.19*	
		For >20 To 40, Add	*1.95*	
		For >40 To 80, Add	*0.84*	
		For >1,000 To 3,000, Deduct	*-0.30*	
		For >3,000 To 6,000, Deduct	*-0.66*	
		For >6,000, Deduct	*-1.09*	
		For Extra Stock, Material Only, Deduct	*-2.50*	

09 65 19 23 Vinyl Tile Flooring *(09 65 19)*

09 65 19 23-0001 Vinyl Tile *(09 65 19 23)*

Note: Any size.

09 65 19 23-0002 Solid Vinyl Tile (SVT) *(09 65 19 23-0001)*

Note: The following solid vinyl tiles are certified to ASTM F 1700.

09 65 19 23-0003	SF	1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande)	11.10	1.26
		For Up To 20, Add	*2.53*	
		For >20 To 40, Add	*1.54*	
		For >40 To 80, Add	*0.66*	
		For >1,000 To 3,000, Deduct	*-0.23*	
		For >3,000 To 6,000, Deduct	*-0.52*	
		For >6,000, Deduct	*-0.86*	
09 65 19 23-0004	SF	1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Karim Kolors)	11.42	1.26
		For Up To 20, Add	*2.57*	
		For >20 To 40, Add	*1.57*	
		For >40 To 80, Add	*0.68*	
		For >1,000 To 3,000, Deduct	*-0.24*	
		For >3,000 To 6,000, Deduct	*-0.53*	
		For >6,000, Deduct	*-0.88*	
09 65 19 23-0005	SF	1/8" Thick, Slip Retardant, Class 1 Type B, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande SR)	11.66	1.26
		For Up To 20, Add	*2.61*	
		For >20 To 40, Add	*1.60*	
		For >40 To 80, Add	*0.69*	
		For >1,000 To 3,000, Deduct	*-0.24*	
		For >3,000 To 6,000, Deduct	*-0.54*	
		For >6,000, Deduct	*-0.89*	

09 65 19 23-0006 Luxury Vinyl Tile (LVT) *(09 65 19 23-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 23-0007	SF	2.5mm Thick, Luxury Vinyl Tile (LVT) (Mannington Amtico)	15.60	1.26
		For Up To 20, Add	*3.20*	
		For >20 To 40, Add	*1.99*	
		For >40 To 80, Add	*0.89*	
		For >1,000 To 3,000, Deduct	*-0.32*	
		For >3,000 To 6,000, Deduct	*-0.70*	
		For >6,000, Deduct	*-1.13*	
09 65 19 23-0008	SF	5mm Thick, Luxury Vinyl Tile (LVT) ((Shaw Contract BRUSHWOOD 08765 & COMMINGLE 04350V)	18.69	1.26
		For Up To 20, Add	*3.66*	
		For >20 To 40, Add	*2.30*	
		For >40 To 80, Add	*1.04*	
		For >1,000 To 3,000, Deduct	*-0.38*	
		For >3,000 To 6,000, Deduct	*-0.82*	
		For >6,000, Deduct	*-1.31*	

09 65 19 33 Rubber Tile Flooring *(09 65 19)*

09 65 19 33-0001 Rubber Tile *(09 65 19 33)*

09 65 19 33-0002 Rubber Tile With Raised Discs, Assorted Colors *(09 65 19 33-0001)*

09 65 19 33-0003	SF	1/8" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	21.96	0.76
		For Up To 100, Add	*1.18*	
09 65 19 33-0004	SF	3/16" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	26.66	0.85
		For Up To 100, Add	*1.42*	
09 65 19 33-0005	SF	7/32" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	29.58	1.01
		For Up To 100, Add	*1.58*	

09 65 19 43 Polyester Composition Tile Flooring *(09 65 19)*

09 65 19 43-0001 Polyester Composition Floor Tile *(09 65 19 43)*
Note: Any size.

09 65 19 43-0002	SF	1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Migrations®)	9.88	1.26
		For >1,000 To 3,000, Deduct	*-0.21*	
		For >3,000 To 6,000, Deduct	*-0.45*	
		For >6,000, Deduct	*-0.73*	
		For Extra Stock, Material Only, Deduct	*-1.48*	
09 65 19 43-0003	SF	1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Striations®)	7.23	1.26
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.57*	
		For Extra Stock, Material Only, Deduct	*-1.48*	

09 65 23 Resilient Plank Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 23 00-0001 Vinyl Plank Flooring *(09 65 23)*

09 65 23 00-0002	SF	0.110" Overall Thickness, 0.012" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	7.86	0.63
		For Up To 40, Add	*3.25*	
		For >40 To 100, Add	*1.62*	
		For >1,000, Deduct	*-0.66*	
09 65 23 00-0003	SF	0.135" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	9.98	0.63
		For Up To 40, Add	*3.67*	
		For >40 To 100, Add	*1.84*	
		For >1,000, Deduct	*-0.87*	
09 65 23 00-0004	SF	0.16" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	11.29	0.63
		For Up To 40, Add	*3.94*	
		For >40 To 100, Add	*1.97*	
		For >1,000, Deduct	*-1.00*	

09 65 43 Linoleum Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 43 00-0001 Linoleum Flooring *(09 65 43)*

09 65 43 00-0002	SF	Linoleum Tile (Forbo Marmoleum Composition Tile, MCT)	6.56	1.26
09 65 43 00-0003	SF	2.5 mm, Linoleum Sheet (Forbo Marmoleum)	4.95	0.63
		For 3.2mm Thickness, Add	*0.73*	
		For 2mm Thickness, Deduct	*-0.35*	
09 65 43 00-0004	LF	Heat Weld Linoleum Sheet Flooring Seams Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.	6.03	

09 65 66 Resilient Athletic Flooring *(09 65)*

09 65 66 00-0001 Recycled Rubber, Interlocking Athletic Tiles *(09 65 66)*

09 65 66 00-0002	SF	3/8" Height, Recycled Rubber, Interlocking Athletic Tile	7.23	0.59
		For Colors, Add	*1.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 66 00-0003	SF	1/2" Height, Recycled Rubber, Interlocking Athletic Tile	8.40	0.74
		For Colors, Add	*1.47*	
09 65 66 00-0004	SF	3/4" Height, Recycled Rubber, Interlocking Athletic Tile	9.66	1.18
		For Colors, Add	*1.60*	
09 65 66 00-0005	SF	1" Height, Recycled Rubber, Interlocking Athletic Tile	14.09	1.43
		For Colors, Add	*2.41*	
09 65 66 00-0006		**Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tiles** *(09 65 66)*		
09 65 66 00-0007	SF	3/8" Height, Black Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-155)	39.10	0.59
		For Colors, Add	*4.78*	
09 65 66 00-0008	SF	9/16" Height, Black Raised Squares Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-100)	56.64	0.59
		For Colors, Add	*6.97*	
09 65 66 00-0009	SF	3/8" Height, Black Raised Discs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-100)	41.30	0.59
		For Colors, Add	*5.06*	
09 65 66 00-0010	SF	9/16" Height, Black Raised Nubs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-200)	50.86	0.59
		For Colors, Add	*6.25*	
09 65 66 00-0011	SF	7/16" Height, Black Reversible Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling FL-150)	42.48	0.59
		For Colors, Add	*5.20*	
09 65 66 00-0012		**Sheet Goods For Gym** *(09 65 66)*		
09 65 66 00-0013	SF	1/4" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	18.30	2.53
09 65 66 00-0014	SF	9/32" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	19.36	2.61
09 65 66 00-0015	SF	3/8" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	20.33	2.70
09 65 66 00-0016	SF	1/8" Rubber Sheet Good For Gym Floor Base	4.93	2.06
09 65 66 00-0017	SF	3/16" Rubber Sheet Good For Gym Floor Base	5.51	2.36
09 65 66 00-0018	SF	1/4" Rubber Sheet Good For Gym Floor Base	6.39	2.53
09 65 66 00-0019	SF	3/8" Rubber Sheet Good For Gym Floor Base	7.03	2.70
09 65 66 00-0020	SF	1/2" Rubber Sheet Good For Gym Floor Base	7.46	2.86
09 65 66 00-0021		**Polyurethane Floor Systems** *(09 65 66)*		
		See CSI section 09 93 23 53-0015 for game lines.		
09 65 66 00-0022	SF	9 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic)	21.90	1.68

09 66 Terrazzo Flooring *(09 60)*

09 66 13 Portland Cement Terrazzo Flooring *(09 66)*

Note: Excludes divider strips. See CSI section 09 66 33 00-0000 for conductive terrazzo.

09 66 13 13 Sand Cushion Terrazzo Flooring *(09 66 13)*

09 66 13 13-0001		**Floors Not Bonded To Concrete** *(09 66 13 13)*		
		Note: 3" Thick - 5/8" topping and 1/4" sand cushion.		
09 66 13 13-0002	SF	Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	30.75	2.72
		For Venetian Type Terrazzo, Add	*8.11*	
		For Abrasive Heavy Duty Terrazzo, Add	*8.11*	
		For Colors, Add	*4.06*	
		For Up To 100, Add	*7.43*	
		For >100 To 250, Add	*3.72*	
09 66 13 13-0003	SF	Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	30.91	2.72
		For Venetian Type Terrazzo, Add	*8.19*	
		For Abrasive Heavy Duty Terrazzo, Add	*8.19*	
		For Colors, Add	*4.10*	
		For Up To 100, Add	*7.45*	
		For >100 To 250, Add	*3.73*	

09 66 13 16 Monolithic Terrazzo Flooring *(09 66 13)*

09 66 13 16-0001		**Monolithic Terrazzo** *(09 66 13 16)*		
09 66 13 16-0002	SF	Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4' To 5' Square Panels Topping	17.09	2.72
		Note: Including Mesh And Felt		
		For Venetian Type Terrazzo, Add	*5.91*	
		For Abrasive Heavy Duty Terrazzo, Add	*5.91*	
		For Colors, Add	*2.95*	
		For Up To 100, Add	*3.29*	
		For >100 To 250, Add	*1.65*	

09 66 13 19 Bonded Terrazzo Flooring *(09 66 13)*

09 66 13 19-0001		**Floors Bonded To Concrete** *(09 66 13 19)*		
		Note: 1-3/4" Thick - 5/8" topping.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 13 19-0002	SF	Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping	24.56	2.72
		For Venetian Type Terrazzo, Add	*6.70*	
		For Abrasive Heavy Duty Terrazzo, Add	*6.70*	
		For Colors, Add	*3.35*	
		For Up To 100, Add	*5.81*	
		For >100 To 250, Add	*2.90*	
09 66 13 19-0003	SF	Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping	24.71	2.72
		For Venetian Type Terrazzo, Add	*6.77*	
		For Abrasive Heavy Duty Terrazzo, Add	*6.77*	
		For Colors, Add	*3.39*	
		For Up To 100, Add	*5.82*	
		For >100 To 250, Add	*2.91*	
09 66 13 19-0004		Terrazzo Wainscot *(09 66 13 19)*		
09 66 13 19-0005	SF	1-1/2" Thick Terrazzo Wainscot, Cast In Place, Bonded To Concrete Or Masonry	32.84	3.63
		For Venetian Type Terrazzo, Add	*4.33*	
09 66 13 19-0006		Terrazzo Base *(09 66 13 19)*		
09 66 13 19-0007	SF	6" Cove Type Terrazzo Base, Cast In Place, Bonded To Concrete Or Masonry	32.53	2.45
		For Venetian Type Terrazzo, Add	*9.45*	
09 66 13 19-0008		Terrazzo Curb *(09 66 13 19)*		
09 66 13 19-0009	LF	6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces	79.69	16.35
		For Venetian Type Terrazzo, Add	*12.60*	
09 66 13 19-0010		Stairs Cast In Place *(09 66 13 19)*		
		Note: Topping applied to concrete or metal.		
09 66 13 19-0011	LF	1-1/2" Thick x 12" Wide, Terrazzo Stair, Cast In Place, Bonded To Concrete Or Metal	33.48	5.45
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0012	LF	Terrazzo Stair Tread And Riser, Cast In Place, Bonded To Concrete Or Metal	83.43	18.14
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0013	SF	Terrazzo Stair Stringer And Fascia, Cast In Place, Bonded To Concrete Or Metal	33.95	5.45
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0014		Divider Strips *(09 66 13 19)*		
09 66 13 19-0015	LF	1-1/4" Deep, 14 Gauge, Zinc Plated Steel, Divider Strip	6.21	0.91
09 66 13 19-0016	LF	1-1/4" Deep, 14 Gauge, Brass, Divider Strip	5.67	0.91
09 66 13 19-0017	LF	1-1/4" Deep, 1/4" Thick, Zinc Plated Steel, Heavy Top Strip	9.80	0.91
09 66 13 19-0018	LF	1-1/4" Deep, 1/4" Thick, Galvanized Steel Bottom, Brass, Heavy Top Strip	14.86	0.91
09 66 13 19-0019	LF	1/2" x 1/2", 16 Gauge, Zinc Plated Steel, Divider Strip For Thin Set Floors	5.89	0.91
09 66 13 19-0020	LF	1/2" x 1/2", 16 Gauge, Brass, Divider Strip For Thin Set Floors	9.08	0.91
09 66 13 19-0021	LF	Vinyl Plastic, Divider Strip For Floor	6.11	0.91
09 66 16		**Terrazzo Floor Tile** *(09 66)*		
09 66 16 13		**Portland Cement Terrazzo Floor Tile** *(09 66 16)*		
09 66 16 13-0001		Flooring Tiles *(09 66 16 13)*		
		Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".		
09 66 16 13-0002		Terrazzo Tiles With Non Slip Surface *(09 66 16 13-0001)*		
09 66 16 13-0003	SF	9" x 9" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile	28.08	2.59
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0004	SF	12" x 12" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile	28.70	2.59
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0005	SF	12" x 12" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	33.22	2.59
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0006	SF	18" x 18" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	35.55	2.59
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0007	SF	24" x 24" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	37.20	2.59
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0008		Terrazzo Tile Thin Set *(09 66 16 13-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 13-0009	SF	Precast Terrazzo, 1/4"-1/2" Chips Floor Tiles, Thin Set Gray Cement Bed	27.81	2.59
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0010	SF	Precast Terrazzo, 3/8"-1" Chips Floor Tiles, Thin Set Gray Cement Bed	29.66	2.59
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0011		**Thin Set Terrazzo Wainscot** *(09 66 16 13-0001)*		
09 66 16 13-0012	SF	12" x 12" x 1" Terrazzo Tile Wainscot Thin Set	40.48	4.90
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0013	SF	18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set	46.09	4.90
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0014		**Thin Set Terrazzo Base, Gray Cement** *(09 66 16 13-0001)*		
09 66 16 13-0015	LF	6" High, Straight Terrazzo Base Thin Set, Gray Cement	13.66	2.45
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0016	LF	6" High, Cove Terrazzo Base Thin Set, Gray Cement	15.37	2.45
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0017	LF	8" High, Straight Terrazzo Base Thin Set, Gray Cement	16.00	2.45
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0018	LF	8" High, Cove Terrazzo Base Thin Set, Gray Cement	16.86	2.45
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0019		**Terrazzo Curbs** *(09 66 16 13-0001)*		
09 66 16 13-0020	LF	8" x 8" Curb, Terrazzo Tile	26.78	3.27
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0021	LF	6" x 6" Curb, Terrazzo Tile	25.92	3.27
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0022		**Precast Terrazzo Stair Treads 12" Wide** *(09 66 16 13-0001)*		
09 66 16 13-0023	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern	68.58	3.27
09 66 16 13-0024	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non Slip Surface	58.30	3.27
09 66 16 13-0025	LF	2" Precast Terrazzo Straight Stair Tread	51.45	3.27
09 66 16 13-0026	LF	2" Precast Terrazzo Curved Stair Tread	60.36	3.27
09 66 16 13-0027		**Stair Risers, 1" Thick To 6" High, Straight** *(09 66 16 13-0001)*		
09 66 16 13-0028	LF	1"-6" High Precast Terrazzo Stair Riser Straight Section, Thin Set	30.77	2.45
09 66 16 13-0029	LF	1"-6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set	35.91	2.45
09 66 16 13-0030		**Stair Risers, 1" Thick To 6" High, Curved** *(09 66 16 13-0001)*		
09 66 16 13-0031	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set	45.68	2.45
09 66 16 13-0032	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set	49.11	2.45
09 66 16 13-0033		**Tread And Riser** *(09 66 16 13)*		
09 66 16 13-0034		**Stair Stringers, Notched For Treads And Risers** *(09 66 16 13-0033)*		
09 66 16 13-0035	LF	1" Precast Terrazzo Stair Stringers Notched For Treads And Risers	76.11	6.54
09 66 16 13-0036	LF	2" Precast Terrazzo Stair Stringers Notched For Treads And Risers	92.00	6.54
09 66 16 13-0037		**Structural Non-Slip Landings** *(09 66 16 13-0033)*		
09 66 16 13-0038	SF	1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non Slip	54.97	3.27
09 66 16 13-0039	SF	3" Thick Precast Terrazzo Stair Landing Structural, Non Slip	67.91	3.27
09 66 16 13-0040		**Combined Tread And Riser** *(09 66 16 13-0033)*		
09 66 16 13-0041		**Straight Sections** *(09 66 16 13-0040)*		
09 66 16 13-0042	LF	Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section	121.07	6.54
09 66 16 13-0043	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section	145.05	6.54
09 66 16 13-0044		**Curved Sections** *(09 66 16 13-0040)*		
09 66 16 13-0045	LF	Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section	152.29	6.54
09 66 16 13-0046	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section	193.40	6.54

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 23		**Resinous Matrix Terrazzo Flooring** *(09 66)*			
09 66 23 16		**Epoxy-Resin Terrazzo Flooring** *(09 66 23)*			
09 66 23 16-0001		Epoxy Terrazzo *(09 66 23 16)*			
09 66 23 16-0002	SF	Chemical Resistant Epoxy Terrazzo, 1/4" Thick		23.44	2.72
09 66 33		**Conductive Terrazzo Flooring** *(09 66)*			
		Note: For anti-static areas.			
09 66 33 13		**Conductive Epoxy-Resin Terrazzo** *(09 66 33)*			
09 66 33 13-0001	SF	Terrazzo, Epoxy System, Floor Sparkproof, Conductive, Industrial		23.83	4.09
09 66 33 13-0002	SF	Terrazzo, Epoxy System, Base Sparkproof, Conductive, Industrial		43.76	4.09
09 66 33 16		**Conductive Polyester-Resin Terrazzo Flooring** *(09 66 33)*			
09 66 33 16-0001	SF	Terrazzo, Polyester System, Floor Sparkproof, Conductive, Industrial		18.14	4.09
09 66 33 16-0002	SF	Terrazzo, Polyester System, Base Sparkproof, Conductive, Industrial		31.67	4.09
09 66 33 19		**Conductive Plastic-Matrix Terrazzo Flooring** *(09 66 33)*			
09 66 33 19-0001	SF	Terrazzo, Polyacrylate System, Floor Sparkproof, Conductive, Industrial		20.23	4.09
09 66 33 19-0002	SF	Terrazzo, Polyacrylate System, Base Sparkproof, Conductive, Industrial		39.31	4.09
09 66 33 19-0003	SF	Terrazzo, Synthetic Latex Mastic System, Floor Sparkproof, Conductive, Industrial		29.70	4.09
09 66 33 19-0004	SF	Terrazzo, Synthetic Latex Mastic System, Base Sparkproof, Conductive, Industrial		33.53	4.09
09 67		**Fluid-Applied Flooring** *(09 60)*			
09 67 16		**Epoxy-Marble Chip Flooring** *(09 67)*			
09 67 16 00-0001		Epoxy Marble Chip Flooring *(09 67 16)*			
09 67 16 00-0002	SF	Epoxy Marble Floor With Colored Quartz Chips In 1/4" Base		16.47	2.72
		Note: Includes primer, 1/4" epoxy marble coat with quartz chips and top seal coat.			
		For Skid Resistant Abrasive Sand Finish, Add	*0.08*		
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.08*		
09 67 16 00-0003	SF	Epoxy Marble Chip Floor, Topping 3/16" Thick, Heavy Duty Epoxy		17.64	2.72
		Note: Includes primer, 3/16" marble chip coat and top seal coat.			
		For Skid Resistant Abrasive Sand Finish, Add	*0.09*		
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.09*		
09 67 23		**Resinous Flooring** *(09 67)*			
09 67 23 00-0001		Epoxy Resin Flooring *(09 67 23)*			
		Note: Includes primer, slurry coat(s) and top coat(s) (assorted colors). Excludes existing floor preparation of sand/bead blasting or two pass floor grinding, degreasing and cleaning of existing floor system prior to application if applied directly to floor. Excludes floor patching, saw cutting joints, additional grinding of existing floor, leveling of floor, removal of existing floor or tiles, and applied markings or stripes. See CSI section 03 01 30 51-0001 for bead blasting, 03 35 43 00-0001 for additional floor polish grinding, 09 01 60 91-0011 for degreasing.			
09 67 23 00-0002	SF	3/16" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound		12.72	6.16
		Note: Includes primer, one 3/16" slurry coat and top seal coats (color).			
		For Skid Resistant Abrasive Sand Finish, Add	*0.05*		
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.05*		
		For Up To 500, Add	*2.45*		
		For >500 To 1,000, Add	*1.55*		
		For >1,000 To 2,000, Add	*0.77*		
		For >10,000, Deduct	*-0.82*		
09 67 23 00-0003	SF	3/16" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound		19.33	6.16
		Note: Includes primer, one 3/16" slurry coat and top seal coats (color).			
		For Skid Resistant Abrasive Sand Finish, Add	*0.12*		
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.12*		
		For Up To 500, Add	*4.11*		
		For >500 To 1,000, Add	*2.54*		
		For >1,000 To 2,000, Add	*1.27*		
		For >10,000, Deduct	*-1.15*		
09 67 23 00-0004	SF	1/4" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound		15.14	6.89
		Note: Includes primer, two 1/8" slurry coats and top seal coats (color).			
		For Skid Resistant Abrasive Sand Finish, Add	*0.06*		
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.06*		
		For Up To 500, Add	*2.88*		
		For >500 To 1,000, Add	*1.82*		
		For >1,000 To 2,000, Add	*0.91*		
		For >10,000, Deduct	*-0.98*		
09 67 23 00-0005	SF	1/4" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound		22.71	6.89
		Note: Includes primer, two 1/8" slurry coats and top seal coats (color).			
		For Skid Resistant Abrasive Sand Finish, Add	*0.14*		
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.14*		
		For Up To 500, Add	*4.77*		
		For >500 To 1,000, Add	*2.95*		
		For >1,000 To 2,000, Add	*1.48*		
		For >10,000, Deduct	*-1.36*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 67 23 00-0006	SF	3/8" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, two 3/16" slurry coats and top seal coats (color).	17.12	7.71
		For Skid Resistant Abrasive Sand Finish, Add	*0.07*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.07*	
		For Up To 500, Add	*3.27*	
		For >500 To 1,000, Add	*2.06*	
		For >1,000 To 2,000, Add	*1.03*	
		For >10,000, Deduct	*-1.11*	
09 67 23 00-0007	SF	3/8" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, two 3/16" slurry coats and top seal coats (color).	25.15	7.71
		For Skid Resistant Abrasive Sand Finish, Add	*0.15*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.15*	
		For Up To 500, Add	*5.28*	
		For >500 To 1,000, Add	*3.27*	
		For >1,000 To 2,000, Add	*1.63*	
		For >10,000, Deduct	*-1.51*	

09 68 Carpeting *(09 60)*

Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.

09 68 13 Tile Carpeting *(09 68)*

09 68 13 00-0001 Tufted Carpet Tiles *(09 68 13)*
Note: Level-loop pile or textured-loop pile carpet tiles. Includes glue or peel and stick backing.

09 68 13 00-0002 Patterned Carpet Tiles (Shaw) *(09 68 13 00-0001)*

09 68 13 00-0003 15 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*

09 68 13 00-0004	SY	COMPANION STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	29.55	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0005	SY	CORRESPOND STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	29.55	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0006	SY	PARTNER STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	29.55	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0007	SY	CENTRIC ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	33.81	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0008	SY	SURROUND ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	33.81	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0009	SY	GLAZE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.18	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0010	SY	TRANSPARENT ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.52	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0011	SY	CLEAR ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.51	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0012	SY	DIRECTION ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.67	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0013	SY	REVERSE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.67	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0014	SY	SHAPE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.67	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0015	SY	ARRANGE STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	28.59	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0016	SY	ARRAY STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	28.59	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0017	SY	OFFSET STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	28.59	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0018	SY	STRUCTURE STRATAWORX® 15 Ounce, Patterned, Nylon Carpet Tile	28.59	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0019	SY	POURED ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	32.96	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0020	SY	STACKED ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	32.96	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0021	SY	COMMONS ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	33.75	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0022	SY	MAKERSPACE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	33.75	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0023	SY	QUAD ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	33.75	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0024	SY	DIFFUSE 24" X 24" ECOLOGIX® 15 Ounce, Patterned, Nylon Carpet Tile	36.48	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0025	SY	DIFFUSE 9" X 36" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	35.03	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0026	SY	DISPERSE 9" X 36" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	35.03	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0027	SY	DISPERSE 24" X 24" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.18	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0028	SY	DIFFUSE 24" X 24" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.42	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0029	SY	INFINITE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.24	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0030	SY	VAST ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.24	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0031	SY	TANGLE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.81	5.08
		For Cushioned Backed Tile, Add	*3.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0032	SY	TEMPT ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.81	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0033	SY	ENGAGE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	39.02	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0034	SY	THINK ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	39.02	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0035	SY	DIFFUSE 24" X 24" ECOLOGIX® ES 15 Ounce, Patterned, Nylon Carpet Tile	39.12	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0036	SY	SCAPE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	38.16	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0037	SY	REALM ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	38.23	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0038	SY	SEA ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	34.91	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0039	SY	SEA EDGE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	34.91	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0040	SY	SKY ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	34.91	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0041	SY	CENTRAL LINE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.63	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0042	SY	CITY CENTRAL ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.63	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0043	SY	BOUNDLESS ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.53	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0044	SY	SOURCE 9" X 36" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.53	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0045	SY	UNDERTONE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	35.93	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0046	SY	HYBRID ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.89	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0047	SY	CATALYST ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.89	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0048	SY	EMBARK ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	36.70	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0049	SY	TINGE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.03	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0050	SY	IMPACT ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.38	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0051	SY	ALLURE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.69	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0052	SY	GLIMMER ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.69	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0053	SY	SHINE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	37.69	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0054	SY	BASALT II ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	39.88	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0055	SY	FAULT LINES II ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	39.88	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0056	SY	GRAVEL II ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	39.88	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0057	SY	PAVERS II ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	39.88	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0058	SY	CONNECT ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	40.07	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0059	SY	FIELD ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	38.94	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0060	SY	BYLINE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	39.24	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0061	SY	COLOR FORM 9" X 36" ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	39.07	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0062	SY	LINAGE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	39.30	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0063	SY	LINK ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	39.30	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0064	SY	BALANCE ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	43.04	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0065	SY	FOCUS ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	43.33	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0066	SY	WANDER ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	42.01	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0067	SY	EMOTION ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	42.67	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0068	SY	STRAIGHTFORWARD ECOWORX® 15 Ounce, Patterned, Nylon Carpet Tile	43.18	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0069		18 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*		
09 68 13 00-0070	SY	BELONG ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	33.63	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0071	SY	EASE 9" X 36" ECOLOGIX® 18 Ounce, Patterned, Nylon Carpet Tile	36.22	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0072	SY	INTERLUDE ECOLOGIX® 18 Ounce, Patterned, Nylon Carpet Tile	36.22	5.08
		For Cushioned Backed Tile, Add	*3.69*	

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SAN BERNARDINO COUNTY

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0073		SY	CHALET 9" X 36" ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	36.66	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0074		SY	ANALOG 18" X 36" ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	42.03	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0075		SY	DISTORT 18" X 36" ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	42.03	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0076		SY	FRINGE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	39.94	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0077		SY	GLITCH 9" X 36" ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	42.03	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0078		SY	HAZE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	39.94	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0079		SY	MANIPULATE 9" X 36" ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	42.03	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0080		SY	VAPOR ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	39.94	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0081		SY	CONSTRUCT ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	40.43	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0082		SY	COPY ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	40.43	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0083		SY	ROTATE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	40.43	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0084		SY	ACHROMATIC ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	40.41	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0085		SY	DUOTONE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	43.00	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0086		SY	SATURATE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	43.00	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0087		SY	VALUE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	43.00	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0088		SY	KINETIC ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	45.15	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0089		SY	IGNITE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	45.48	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0090		SY	STILL ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile (DELETE)	45.48	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0091		SY	MERGE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	46.21	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0092		SY	MINIMAL ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	46.21	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0093		SY	DREAM ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	33.88	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0094		SY	MEMORY ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	34.06	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0095		SY	CAPTIVATE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	39.26	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0096		SY	INTRIGUE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	39.66	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0097		SY	MIRROR IMAGE ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	43.00	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0098		SY	PRISMA ECOWORX® 18 Ounce, Patterned, Nylon Carpet Tile	43.14	5.08
			For Cushioned Backed Tile, Add	*3.69*	

09 68 13 00-0099 20 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*

09 68 13 00-0100		SY	AWARE 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	38.23	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0101		SY	CONSCIOUS 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	38.32	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0102		SY	INTENTION 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	38.08	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0103		SY	PRESENT 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	38.23	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0104		SY	MOMENTUM IV ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	36.46	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0105		SY	GRADIENT ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	39.89	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0106		SY	PETO II 20 ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	38.55	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0107		SY	FLAT WEAVE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	41.02	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0108		SY	HEDDLE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	41.02	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0109		SY	CONVENE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	41.57	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0110		SY	ESTABLISH ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	41.57	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0111		SY	SUPPORT ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	41.57	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0112		SY	AWARE 18" X 36" ECOLOGIX® 20 Ounce, Patterned, Nylon Carpet Tile	42.04	5.08
			For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0113		SY	CONSCIOUS 18" X 36" ECOLOGIX® 20 Ounce, Patterned, Nylon Carpet Tile	41.79	5.08
			For Cushioned Backed Tile, Add	*3.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0114	SY	INTENTION 18" X 36" ECOLOGIX® 20 Ounce, Patterned, Nylon Carpet Tile	41.90	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0115	SY	PRESENT 18" X 36" ECOLOGIX® 20 Ounce, Patterned, Nylon Carpet Tile	42.04	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0116	SY	DASH ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	42.36	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0117	SY	TRACK ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	42.36	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0118	SY	TURN ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	42.36	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0119	SY	AUGMENT ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	40.35	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0120	SY	HYPE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	40.35	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0121	SY	SCULPT LOOP ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.18	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0122	SY	ALIGN ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.47	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0123	SY	SCULPT ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.47	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0124	SY	TRACE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.47	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0125	SY	ABSORBED ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.58	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0126	SY	VISIBLE ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.58	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0127	SY	VIBRANT ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	41.57	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0128	SY	FINE POINT 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.97	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0129	SY	LINEWEIGHT 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.97	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0130	SY	STIPPLE 18" X 36" ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile	43.97	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0131	SY	CHROMA ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile (DELETE)	46.29	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0132	SY	SPECTRUM ECOWORX® 20 Ounce, Patterned, Nylon Carpet Tile (DELETE)	47.22	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0133		22 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*		
09 68 13 00-0134	SY	REPARTEE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	39.39	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0135	SY	ENDLESS ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	41.88	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0136	SY	OBSERVE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	41.88	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0137	SY	RESPOND ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	41.88	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0138	SY	TRANSFORM ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	41.88	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0139	SY	CHARISMA ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	40.98	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0140	SY	APPLIED ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	43.07	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0141	SY	DWELLING ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	43.52	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0142	SY	SHELTER ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	43.52	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0143	SY	EMBELLISH ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	45.75	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0144	SY	BIAS ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	43.98	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0145	SY	KASURI ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	43.98	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0146	SY	MESH ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	43.98	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0147	SY	FILTER ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile (DELETE)	46.24	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0148	SY	MIGRATE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile (DELETE)	46.24	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0149	SY	NUANCE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile (DELETE)	46.24	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0150	SY	ACTIVITY ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	43.55	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0151	SY	REST ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	46.90	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0152	SY	UNWIND ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	46.90	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0153	SY	INTERACT ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	47.08	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0154	SY	PAUSE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	47.33	5.08
		For Cushioned Backed Tile, Add	*3.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0155	SY	STEP ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile (DELETE)	47.33	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0156	SY	VANTAGE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	47.33	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0157	SY	DRIFT ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	48.49	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0158	SY	EXPAND ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	48.31	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0159	SY	AGATE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	49.08	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0160	SY	JASPER ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	49.08	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0161	SY	MICA ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	49.08	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0162	SY	QUARTZ ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	49.08	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0163	SY	ABSTRACT EDGE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile (DELETE)	50.58	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0164	SY	VERTICAL EDGE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile	50.58	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0165	SY	HORIZONTAL EDGE ECOWORX® 22 Ounce, Patterned, Nylon Carpet Tile (DELETE)	50.58	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0166		**24 Ounce, Patterned, Nylon Carpet Tile** *(09 68 13 00-0002)*		
09 68 13 00-0167	SY	CONSTELLATION ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	41.83	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0168	SY	OBSERVE COLOR ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	44.91	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0169	SY	RESPOND COLOR ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	44.91	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0170	SY	TRANSFORM COLOR ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	44.91	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0171	SY	FOUNDATION ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	45.13	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0172	SY	BLOX ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	42.72	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0173	SY	SITE LINES ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile (DELETE)	43.30	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0174	SY	BLISS ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile (DELETE)	44.29	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0175	SY	SERENITY ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile (DELETE)	44.29	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0176	SY	TRANQUIL ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile (DELETE)	44.29	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0177	SY	KUSA ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	45.01	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0178	SY	BLOCK PRINT ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	48.10	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0179	SY	FADE ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	47.85	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0180	SY	OVERLAY ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	47.85	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0181	SY	BLUR ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	47.85	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0182	SY	EXPOSE ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	47.97	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0183	SY	UNCOVER ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	47.97	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0184	SY	EXPLORE ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	48.33	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0185	SY	LINGER ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	48.49	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0186	SY	RENEW ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	48.33	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0187	SY	FOLDED ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	51.57	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0188	SY	FOLDED EDGE ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	51.37	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0189	SY	IDENTITY ECOWORX® 24 Ounce, Patterned, Nylon Carpet Tile	55.18	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0190		**26 Ounce, Patterned, Nylon Carpet Tile** *(09 68 13 00-0002)*		
09 68 13 00-0191	SY	PETO II 26 ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	42.13	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0192	SY	BRILLIANCE ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	44.90	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0193	SY	STRIKING ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile (DELETE)	42.41	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0194	SY	IMPRINT ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	47.39	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0195	SY	SKETCH ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	47.49	5.08
		For Cushioned Backed Tile, Add	*3.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0196	SY	VEIL ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	47.49	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0197	SY	DISCOVER ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	47.20	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0198	SY	SEEK ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	47.20	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0199	SY	CITY GRID ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile (DELETE)	45.23	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0200	SY	BOTAN ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	46.29	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0201	SY	HANA ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	46.29	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0202	SY	RELIEF ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	47.97	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0203	SY	DEPTH ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	53.92	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0204	SY	ANGLE ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	54.42	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0205	SY	HONEST ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	55.18	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0206	SY	SLAB ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	55.49	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0207	SY	BASE HEXAGON ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	56.22	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0208	SY	COLOR SHIFT HEXAGON ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	56.22	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0209	SY	CONTACT HEXAGON ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	56.22	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0210	SY	BEVEL HEXAGON ECOWORX® 26 Ounce, Patterned, Nylon Carpet Tile	64.47	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0211		28 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*		
09 68 13 00-0212	SY	RICHE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	47.10	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0213	SY	PRAIRIE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile (DELETE)	47.19	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0214	SY	CORDED ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	47.57	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0215	SY	PATH ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	51.49	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0216	SY	PORTAL ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	51.49	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0217	SY	KNIT ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	51.13	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0218	SY	DECOR ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	51.72	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0219	SY	CHAIN STITCH ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	48.89	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0220	SY	AFFLUENCE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	51.72	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0221	SY	BACK WEAVE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	52.56	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0222	SY	EXCHANGE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	52.56	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0223	SY	KNOTTED ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	52.56	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0224	SY	PROCESS ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	52.56	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0225	SY	CHECK ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	54.28	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0226	SY	HOUNDSTOOTH 18" X 36" ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	54.28	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0227	SY	JACQUARD 18" X 36" ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	54.28	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0228	SY	TEX28 Ounce, Patterned, Nylon Carpet Tile 18" X 36" ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	54.28	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0229	SY	THE ECCENTRIC ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile (DELETE)	51.73	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0230	SY	BATIK 18" X 36" ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	55.22	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0231	SY	IKAT 18" X 36" ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	55.49	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0232	SY	LINEN 28 Ounce, Patterned, Nylon Carpet Tile ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	55.49	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0233	SY	THE SOCIALITE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile (DELETE)	52.43	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0234	SY	PRESENCE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	57.76	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0235	SY	STILL LIFE ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	57.76	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0236	SY	FAMILIAR ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	55.18	5.08
		For Cushioned Backed Tile, Add	*3.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0237	SY	HONED ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	55.49	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0238	SY	FORM ECOWORX® 28 Ounce, Patterned, Nylon Carpet Tile	60.39	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0239		30 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*		
09 68 13 00-0240	SY	GLITZ ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	47.90	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0241	SY	LUMINOSITY ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	48.66	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0242	SY	RADIANCE ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	46.55	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0243	SY	TAPESTRY 18" X 36" ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	55.34	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0244	SY	BEYOND ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	60.18	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0245	SY	EXPANSE ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	60.18	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0246	SY	ALCHEMY ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	60.39	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0247	SY	CREATE ECOWORX® 30 Ounce, Patterned, Nylon Carpet Tile	61.45	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0248		32 Ounce, Patterned, Nylon Carpet Tile *(09 68 13 00-0002)*		
09 68 13 00-0249	SY	ENTWINE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	49.46	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0250	SY	INGRAIN ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	49.95	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0251	SY	EARTH TONE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	50.55	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0252	SY	REFLECT ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	65.16	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0253	SY	RESURFACE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	53.05	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0254	SY	BLEND ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	57.31	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0255	SY	HINT ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	57.31	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0256	SY	ORNATE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	57.71	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0257	SY	RETHREAD ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	57.71	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0258	SY	TECHNIQUE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	57.31	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0259	SY	VANISH ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	57.31	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0260	SY	BON JOUR ECOWORX® WALK-OFF 32 Ounce, Patterned, Nylon Carpet Tile (DELETE)	44.43	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0261	SY	ZONE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	55.81	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0262	SY	DYE LAB ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	63.19	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0263	SY	DISSOLVE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile (DELETE)	57.50	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0264	SY	KIT ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	68.14	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0265	SY	ARTISAN ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	69.79	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0266	SY	CLOTH ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	70.56	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0267	SY	PLAIN WEAVE ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile	65.92	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0268	SY	ADORN ECOWORX® 32 Ounce, Patterned, Nylon Carpet Tile (DELETE)	60.45	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0269	SY	ENTREE ECOWORX® WALK-OFF 32 Ounce, Patterned, Nylon Carpet Tile	55.23	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0270	SY	WELCOME II ECOWORX® WALK-OFF 32 Ounce, Patterned, Nylon Carpet Tile	53.95	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0271	SY	BON JOUR II ECOWORX® WALK-OFF 32 Ounce, Patterned, Nylon Carpet Tile	55.23	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0272		Non-Patterned Carpet Tiles (Shaw) *(09 68 13 00-0001)*		
09 68 13 00-0273		18 Ounce, Non-Patterned, Nylon Carpet Tile *(09 68 13 00-0272)*		
09 68 13 00-0274	SY	COLOR FRAME ECOWORX® 18 Ounce, Non-Patterned, Nylon Carpet Tile	39.37	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0275	SY	COLOR PLAY ECOWORX® 18 Ounce, Non-Patterned, Nylon Carpet Tile	44.69	5.08
		For Cushioned Backed Tile, Add	*3.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0276		20 Ounce, Non-Patterned, Nylon Carpet Tile *(09 68 13 00-0272)*		
09 68 13 00-0277	SY	CURVE ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	42.10	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0278	SY	DIAGONAL ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	42.10	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0279	SY	POINT ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	42.10	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0280	SY	SQUARE ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	42.10	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0281	SY	ADVANCE ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	42.36	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0282	SY	IMPRESSION I ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	46.36	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0283	SY	IMPRESSION II ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	46.36	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0284	SY	IMPRESSION III ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	46.36	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0285	SY	IMPRESSION IV ECOWORX® 20 Ounce, Non-Patterned, Nylon Carpet Tile	46.36	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0286		22 Ounce, Non-Patterned, Nylon Carpet Tile *(09 68 13 00-0272)*		
09 68 13 00-0287	SY	PLANE HEXAGON ECOWORX® 22 Ounce, Non-Patterned, Nylon Carpet Tile	57.71	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0288		24 Ounce, Non-Patterned, Nylon Carpet Tile *(09 68 13 00-0272)*		
09 68 13 00-0289	SY	NEST ECOWORX® 24 Ounce, Non-Patterned, Nylon Carpet Tile	43.52	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0290		30 Ounce, Non-Patterned, Nylon Carpet Tile *(09 68 13 00-0272)*		
09 68 13 00-0291	SY	TRU COLOURS ECOWORX® 30 Ounce, Non-Patterned, Nylon Carpet Tile	46.82	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0292	SY	COLOUR PLANK ECOWORX® 30 Ounce, Non-Patterned, Nylon Carpet Tile	51.54	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0293	SY	GRADATION ECOWORX® 30 Ounce, Non-Patterned, Nylon Carpet Tile	54.47	5.08
		For Cushioned Backed Tile, Add	*3.69*	
09 68 13 00-0294		ESD Static Control Carpet Tiles (Shaw StaticSmart) *(09 68 13 00-0001)*		
		Note: Includes conductive ESD releasable adhesive and grounding clips.		
09 68 13 00-0295		16-24 Ounce, Static Control, Nylon Carpet Tile (StaticSmart) *(09 68 13 00-0294)*		
09 68 13 00-0296	SY	DAILY PLANNER, Static Control, Nylon Carpet Carpet Tile	42.31	5.08
09 68 13 00-0297	SY	COLLABORATORS, Static Control, Nylon Carpet Carpet Tile	45.85	5.08
09 68 13 00-0298	SY	WORKSPACE, Static Control, Nylon Carpet Carpet Tile	42.39	5.08
09 68 13 00-0299	SY	LANDMARK SERIES, Static Control, Nylon Carpet Carpet Tile	44.65	5.08
09 68 13 00-0300	SY	LAN 4.1, Static Control, Nylon Carpet Carpet Tile	60.14	5.08
09 68 13 00-0301	SY	PRESIDENTIAL, Static Control, Nylon Carpet Carpet Tile	60.14	5.08
09 68 13 00-0302	SY	COLONIAL, Static Control, Nylon Carpet Carpet Tile	60.44	5.08
09 68 13 00-0303	SY	LAN 4.0, Static Control, Nylon Carpet Carpet Tile	70.91	5.08
09 68 13 00-0304	SY	DISCOVERY ECO, Static Control, Nylon Carpet Carpet Tile	59.06	5.08
09 68 16		**Sheet Carpeting** *(09 68)*		
		Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.		
09 68 16 00-0001		Carpet Cushion *(09 68 16)*		
09 68 16 00-0002		Carpet Padding *(09 68 16 00-0001)*		
09 68 16 00-0003		Prime Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*		
09 68 16 00-0004	SY	7/16" Thick, Prime Polyurethane Foam Carpet Padding	16.66	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.25*	
		For >400 To 600, Deduct	*-0.38*	
		For >600 To 900, Deduct	*-0.70*	
		For >900 To 1,500, Deduct	*-1.01*	
		For >1,500 To 2,200, Deduct	*-1.47*	
		For >2,200 To 3,500, Deduct	*-1.89*	
		For >3,500, Deduct	*-2.30*	
09 68 16 00-0005	SY	1/2" Thick, Prime Polyurethane Foam Carpet Padding	17.41	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.27*	
		For >400 To 600, Deduct	*-0.40*	
		For >600 To 900, Deduct	*-0.73*	
		For >900 To 1,500, Deduct	*-1.06*	
		For >1,500 To 2,200, Deduct	*-1.54*	
		For >2,200 To 3,500, Deduct	*-1.98*	
		For >3,500, Deduct	*-2.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0006		Bonded (Rebond) Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*		
09 68 16 00-0007	SY	1/4" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	10.15	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.12*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.37*	
		For >900 To 1,500, Deduct	*-0.55*	
		For >1,500 To 2,200, Deduct	*-0.82*	
		For >2,200 To 3,500, Deduct	*-1.07*	
		For >3,500, Deduct	*-1.33*	
09 68 16 00-0008	SY	5/16" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	10.67	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.13*	
		For >400 To 600, Deduct	*-0.20*	
		For >600 To 900, Deduct	*-0.40*	
		For >900 To 1,500, Deduct	*-0.59*	
		For >1,500 To 2,200, Deduct	*-0.87*	
		For >2,200 To 3,500, Deduct	*-1.14*	
		For >3,500, Deduct	*-1.40*	
09 68 16 00-0009	SY	3/8" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	8.25	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.09*	
		For >400 To 600, Deduct	*-0.13*	
		For >600 To 900, Deduct	*-0.27*	
		For >900 To 1,500, Deduct	*-0.42*	
		For >1,500 To 2,200, Deduct	*-0.63*	
		For >2,200 To 3,500, Deduct	*-0.83*	
		For >3,500, Deduct	*-1.04*	
09 68 16 00-0010	SY	3/8" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	10.32	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.13*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.38*	
		For >900 To 1,500, Deduct	*-0.57*	
		For >1,500 To 2,200, Deduct	*-0.84*	
		For >2,200 To 3,500, Deduct	*-1.09*	
		For >3,500, Deduct	*-1.35*	
09 68 16 00-0011	SY	7/16" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	10.32	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.13*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.38*	
		For >900 To 1,500, Deduct	*-0.57*	
		For >1,500 To 2,200, Deduct	*-0.84*	
		For >2,200 To 3,500, Deduct	*-1.09*	
		For >3,500, Deduct	*-1.35*	
09 68 16 00-0012	SY	7/16" Thick, 6 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	10.32	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.13*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.38*	
		For >900 To 1,500, Deduct	*-0.57*	
		For >1,500 To 2,200, Deduct	*-0.84*	
		For >2,200 To 3,500, Deduct	*-1.09*	
		For >3,500, Deduct	*-1.35*	
09 68 16 00-0013	SY	7/16" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	11.55	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.15*	
		For >400 To 600, Deduct	*-0.23*	
		For >600 To 900, Deduct	*-0.44*	
		For >900 To 1,500, Deduct	*-0.65*	
		For >1,500 To 2,200, Deduct	*-0.96*	
		For >2,200 To 3,500, Deduct	*-1.25*	
		For >3,500, Deduct	*-1.54*	
09 68 16 00-0014	SY	1/2" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	10.21	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.13*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.37*	
		For >900 To 1,500, Deduct	*-0.56*	
		For >1,500 To 2,200, Deduct	*-0.82*	
		For >2,200 To 3,500, Deduct	*-1.08*	
		For >3,500, Deduct	*-1.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0015	SY	1/2" Thick, 6 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	10.61	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.13*	
		For >400 To 600, Deduct	*-0.20*	
		For >600 To 900, Deduct	*-0.39*	
		For >900 To 1,500, Deduct	*-0.59*	
		For >1,500 To 2,200, Deduct	*-0.86*	
		For >2,200 To 3,500, Deduct	*-1.13*	
		For >3,500, Deduct	*-1.40*	
09 68 16 00-0016	SY	1/2" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	12.07	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.16*	
		For >400 To 600, Deduct	*-0.24*	
		For >600 To 900, Deduct	*-0.47*	
		For >900 To 1,500, Deduct	*-0.69*	
		For >1,500 To 2,200, Deduct	*-1.01*	
		For >2,200 To 3,500, Deduct	*-1.31*	
		For >3,500, Deduct	*-1.61*	
09 68 16 00-0017		Froth Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*		
09 68 16 00-0018	SY	0.175" Thick, 16 LB/CF Froth Polyurethane Foam Rubber Carpet Padding	17.79	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.28*	
		For >400 To 600, Deduct	*-0.42*	
		For >600 To 900, Deduct	*-0.75*	
		For >900 To 1,500, Deduct	*-1.09*	
		For >1,500 To 2,200, Deduct	*-1.58*	
		For >2,200 To 3,500, Deduct	*-2.03*	
		For >3,500, Deduct	*-2.47*	
09 68 16 00-0019	SY	0.250" Thick, 12 LB/CF Froth Polyurethane Foam Rubber Carpet Padding	19.94	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.32*	
		For >400 To 600, Deduct	*-0.48*	
		For >600 To 900, Deduct	*-0.86*	
		For >900 To 1,500, Deduct	*-1.24*	
		For >1,500 To 2,200, Deduct	*-1.80*	
		For >2,200 To 3,500, Deduct	*-2.30*	
		For >3,500, Deduct	*-2.79*	
09 68 16 00-0020	SY	0.250" Thick, 16 LB/CF Froth Polyurethane Foam Rubber Carpet Padding	21.60	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.35*	
		For >400 To 600, Deduct	*-0.53*	
		For >600 To 900, Deduct	*-0.94*	
		For >900 To 1,500, Deduct	*-1.35*	
		For >1,500 To 2,200, Deduct	*-1.96*	
		For >2,200 To 3,500, Deduct	*-2.50*	
		For >3,500, Deduct	*-3.04*	
09 68 16 00-0021		Waffle Rubber Carpet Padding *(09 68 16 00-0002)*		
09 68 16 00-0022	SY	3/8" Thick, 90 OZ/SY Waffle Rubber Carpet Padding	20.52	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.33*	
		For >400 To 600, Deduct	*-0.50*	
		For >600 To 900, Deduct	*-0.89*	
		For >900 To 1,500, Deduct	*-1.28*	
		For >1,500 To 2,200, Deduct	*-1.86*	
		For >2,200 To 3,500, Deduct	*-2.37*	
		For >3,500, Deduct	*-2.88*	
09 68 16 00-0023		Flat Sponge Rubber Carpet Padding *(09 68 16 00-0002)*		
09 68 16 00-0024	SY	0.156" Thick, 62 OZ/SY Flat Sponge Rubber Carpet Padding	12.19	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.17*	
		For >400 To 600, Deduct	*-0.25*	
		For >600 To 900, Deduct	*-0.47*	
		For >900 To 1,500, Deduct	*-0.70*	
		For >1,500 To 2,200, Deduct	*-1.02*	
		For >2,200 To 3,500, Deduct	*-1.33*	
		For >3,500, Deduct	*-1.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0025	SY	0.250" Thick, 68 OZ/SY Flat Sponge Rubber Carpet Padding	13.07	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.18*	
		For >400 To 600, Deduct	*-0.27*	
		For >600 To 900, Deduct	*-0.52*	
		For >900 To 1,500, Deduct	*-0.76*	
		For >1,500 To 2,200, Deduct	*-1.11*	
		For >2,200 To 3,500, Deduct	*-1.44*	
		For >3,500, Deduct	*-1.76*	
09 68 16 00-0026	SY	0.250" Thick, 80 OZ/SY Flat Sponge Rubber Carpet Padding	13.72	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.20*	
		For >400 To 600, Deduct	*-0.29*	
		For >600 To 900, Deduct	*-0.55*	
		For >900 To 1,500, Deduct	*-0.80*	
		For >1,500 To 2,200, Deduct	*-1.18*	
		For >2,200 To 3,500, Deduct	*-1.52*	
		For >3,500, Deduct	*-1.86*	
09 68 16 00-0027	SY	0.250" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding	15.76	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.24*	
		For >400 To 600, Deduct	*-0.35*	
		For >600 To 900, Deduct	*-0.65*	
		For >900 To 1,500, Deduct	*-0.95*	
		For >1,500 To 2,200, Deduct	*-1.38*	
		For >2,200 To 3,500, Deduct	*-1.77*	
		For >3,500, Deduct	*-2.17*	
09 68 16 00-0028	SY	0.370" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding	15.93	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.24*	
		For >400 To 600, Deduct	*-0.36*	
		For >600 To 900, Deduct	*-0.66*	
		For >900 To 1,500, Deduct	*-0.96*	
		For >1,500 To 2,200, Deduct	*-1.40*	
		For >2,200 To 3,500, Deduct	*-1.79*	
		For >3,500, Deduct	*-2.19*	
09 68 16 00-0029		Synthetic Fiber Carpet Padding *(09 68 16 00-0002)*		
09 68 16 00-0030	SY	0.235" Thick, 20 OZ/SY Synthetic Fiber Carpet Padding	5.64	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.03*	
		For >400 To 600, Deduct	*-0.05*	
		For >600 To 900, Deduct	*-0.14*	
		For >900 To 1,500, Deduct	*-0.24*	
		For >1,500 To 2,200, Deduct	*-0.37*	
		For >2,200 To 3,500, Deduct	*-0.51*	
		For >3,500, Deduct	*-0.65*	
09 68 16 00-0031	SY	0.235" Thick, 24 OZ/SY Synthetic Fiber Carpet Padding	6.98	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.06*	
		For >400 To 600, Deduct	*-0.09*	
		For >600 To 900, Deduct	*-0.21*	
		For >900 To 1,500, Deduct	*-0.33*	
		For >1,500 To 2,200, Deduct	*-0.50*	
		For >2,200 To 3,500, Deduct	*-0.68*	
		For >3,500, Deduct	*-0.85*	
09 68 16 00-0032	SY	0.275" Thick, 28 OZ/SY Synthetic Fiber Carpet Padding	6.37	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.05*	
		For >400 To 600, Deduct	*-0.07*	
		For >600 To 900, Deduct	*-0.18*	
		For >900 To 1,500, Deduct	*-0.29*	
		For >1,500 To 2,200, Deduct	*-0.44*	
		For >2,200 To 3,500, Deduct	*-0.60*	
		For >3,500, Deduct	*-0.76*	
09 68 16 00-0033	SY	0.300" Thick, 32 OZ/SY Synthetic Fiber Carpet Padding	6.60	2.59
		For Up To 15, Add	*0.79*	
		For >15 To 33, Add	*0.39*	
		For >200 To 400, Deduct	*-0.05*	
		For >400 To 600, Deduct	*-0.08*	
		For >600 To 900, Deduct	*-0.19*	
		For >900 To 1,500, Deduct	*-0.30*	
		For >1,500 To 2,200, Deduct	*-0.46*	
		For >2,200 To 3,500, Deduct	*-0.63*	
		For >3,500, Deduct	*-0.79*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 68 16 00-0034	SY	0.350" Thick, 40 OZ/SY Synthetic Fiber Carpet Padding	7.98	2.59
			For Up To 15, Add	*0.79*	
			For >15 To 33, Add	*0.39*	
			For >200 To 400, Deduct	*-0.08*	
			For >400 To 600, Deduct	*-0.12*	
			For >600 To 900, Deduct	*-0.26*	
			For >900 To 1,500, Deduct	*-0.40*	
			For >1,500 To 2,200, Deduct	*-0.60*	
			For >2,200 To 3,500, Deduct	*-0.80*	
			For >3,500, Deduct	*-1.00*	
	09 68 16 00-0035		Double Stick Synthetic Fiber Carpet Padding *(09 68 16 00-0002)*		
	09 68 16 00-0036	SY	0.300" Thick, 32 OZ/SY Double Stick Synthetic Fiber Carpet Padding	8.40	2.59
			For Up To 15, Add	*0.79*	
			For >15 To 33, Add	*0.39*	
			For >200 To 400, Deduct	*-0.09*	
			For >400 To 600, Deduct	*-0.13*	
			For >600 To 900, Deduct	*-0.28*	
			For >900 To 1,500, Deduct	*-0.43*	
			For >1,500 To 2,200, Deduct	*-0.64*	
			For >2,200 To 3,500, Deduct	*-0.85*	
			For >3,500, Deduct	*-1.06*	
	09 68 16 00-0037	SY	0.375" Thick, 40 OZ/SY Double Stick Synthetic Fiber Carpet Padding	9.48	2.59
			For Up To 15, Add	*0.79*	
			For >15 To 33, Add	*0.39*	
			For >200 To 400, Deduct	*-0.11*	
			For >400 To 600, Deduct	*-0.17*	
			For >600 To 900, Deduct	*-0.34*	
			For >900 To 1,500, Deduct	*-0.51*	
			For >1,500 To 2,200, Deduct	*-0.75*	
			For >2,200 To 3,500, Deduct	*-0.99*	
			For >3,500, Deduct	*-1.23*	
	09 68 16 00-0038		Commercial Broadloom Carpet *(09 68 16)*		
			Note: Level-loop pile or textured-loop pile broadloom carpet.		
	09 68 16 00-0039		Patterned Broadloom Carpet (Shaw) *(09 68 16 00-0038)*		
	09 68 16 00-0040		20 Ounce, Patterned, Nylon Broadloom Carpet *(09 68 16 00-0039)*		
	09 68 16 00-0041	SY	AMBITION III 20 CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	20.70	20.82
	09 68 16 00-0042	SY	ESSENTIAL CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	25.89	20.82
	09 68 16 00-0043	SY	PRIME CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	25.89	20.82
	09 68 16 00-0044	SY	MODIFY CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	28.35	20.82
	09 68 16 00-0045	SY	SWITCH CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	28.35	20.82
	09 68 16 00-0046	SY	TRANSFER CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	28.35	20.82
	09 68 16 00-0047	SY	SCRIBE CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	28.62	20.82
	09 68 16 00-0048	SY	STYLUS CLASSICBAC® 20 Ounce, Patterned, Nylon Broadloom Carpet	28.62	20.82
	09 68 16 00-0049	SY	CONTE' ULTRALOC® 20 Ounce, Patterned, Nylon Broadloom Carpet	35.47	20.82
	09 68 16 00-0050	SY	ERASE ULTRALOC® 20 Ounce, Patterned, Nylon Broadloom Carpet	35.47	20.82
	09 68 16 00-0051	SY	CADENCE ECOWORX® PERFORMANCE 20 Ounce, Patterned, Nylon Broadloom Carpet	43.43	20.82
	09 68 16 00-0052		22 Ounce, Patterned, Nylon Broadloom Carpet *(09 68 16 00-0039)*		
	09 68 16 00-0053	SY	BIRCH CLASSICBAC® 22 Ounce, Patterned, Nylon Broadloom Carpet	28.48	20.82
	09 68 16 00-0054	SY	GROVE CLASSICBAC® 22 Ounce, Patterned, Nylon Broadloom Carpet	28.48	20.82
	09 68 16 00-0055	SY	SUMMIT CLASSICBAC® 22 Ounce, Patterned, Nylon Broadloom Carpet	28.48	20.82
	09 68 16 00-0056	SY	HIT THE BOOKS ULTRLOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	30.84	20.82
	09 68 16 00-0057	SY	LAYER ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	32.42	20.82
	09 68 16 00-0058	SY	DIMENSION ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	30.95	20.82
	09 68 16 00-0059	SY	CHARISMA ECOWORX® PERFORMANCE 22 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	33.23	20.82
	09 68 16 00-0060	SY	AMPLIFY ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	35.78	20.82
	09 68 16 00-0061	SY	HIT THE BOOKS ECOWORX® PERFORMANCE 22 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	34.16	20.82
	09 68 16 00-0062	SY	ILLUMINATE ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	35.78	20.82
	09 68 16 00-0063	SY	EFFECT ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	35.61	20.82
	09 68 16 00-0064	SY	FAÇADE ECOWORX® PERFORMANCE 22 Ounce, Patterned, Nylon Broadloom Carpet	37.16	20.82
	09 68 16 00-0065	SY	INLAY ULTRALOC® 22 Ounce, Patterned, Nylon Broadloom Carpet	35.61	20.82
	09 68 16 00-0066	SY	COLLAGE ECOWORX® PERFORMANCE 22 Ounce, Patterned, Nylon Broadloom Carpet	38.59	20.82
	09 68 16 00-0067		24 Ounce, Patterned, Nylon Broadloom Carpet *(09 68 16 00-0039)*		
	09 68 16 00-0068	SY	ASSOCIATE ULTRALOC® 24 Ounce, Patterned, Nylon Broadloom Carpet	26.44	20.82
	09 68 16 00-0069	SY	FOSSIL CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	26.97	20.82
	09 68 16 00-0070	SY	TERRA CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	26.97	20.82
	09 68 16 00-0071	SY	ECLECTIC CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	28.30	20.82
	09 68 16 00-0072	SY	MELD CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	28.66	20.82
	09 68 16 00-0073	SY	STAY ULTRALOC® 24 Ounce, Patterned, Nylon Broadloom Carpet	28.52	20.82
	09 68 16 00-0074	SY	REMINISCE ULTRALOC® 24 Ounce, Patterned, Nylon Broadloom Carpet	27.85	20.82
	09 68 16 00-0075	SY	CONTOUR CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	27.96	20.82
	09 68 16 00-0076	SY	OUTLINE CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	27.96	20.82
	09 68 16 00-0077	SY	FLICKER CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	28.41	20.82
	09 68 16 00-0078	SY	FLARE CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	28.84	20.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0079	SY	TONE CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	28.77	20.82
09 68 16 00-0080	SY	TINT CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	29.28	20.82
09 68 16 00-0081	SY	BLOG ULTRLOC® 24 Ounce, Patterned, Nylon Broadloom Carpet	30.78	20.82
09 68 16 00-0082	SY	BLOG CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	30.14	20.82
09 68 16 00-0083	SY	KUSA ULTRALOC® 24 Ounce, Patterned, Nylon Broadloom Carpet	36.35	20.82
09 68 16 00-0084	SY	ENGRAVE ECOWORX® PERFORMANCE 24 Ounce, Patterned, Nylon Broadloom Carpet	47.32	20.82
09 68 16 00-0085	SY	ORNAMENT ECOWORX® PERFORMANCE 24 Ounce, Patterned, Nylon Broadloom Carpet	47.32	20.82
09 68 16 00-0086	SY	SCREEN ECOWORX® PERFORMANCE 24 Ounce, Patterned, Nylon Broadloom Carpet	47.32	20.82
09 68 16 00-0087	SY	COLONEL CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	22.75	20.82
09 68 16 00-0088	SY	TOWN RESORT CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	24.85	20.82
09 68 16 00-0089	SY	SENTIMENT CLASSICBAC® 24 Ounce, Patterned, Nylon Broadloom Carpet	28.38	20.82
09 68 16 00-0090		**26 Ounce, Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0039)*		
09 68 16 00-0091	SY	AMBITION III 26 CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	22.19	20.82
09 68 16 00-0092	SY	POTENTIAL III 26 CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	25.85	20.82
09 68 16 00-0093	SY	POTENTIAL III 26 UNITARY 26 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	27.19	20.82
09 68 16 00-0094	SY	INTERPLAY ULTRLOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	28.47	20.82
09 68 16 00-0095	SY	PETO II CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	28.28	20.82
09 68 16 00-0096	SY	EVOLUTION CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	28.35	20.82
09 68 16 00-0097	SY	SPACE CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	28.27	20.82
09 68 16 00-0098	SY	DIVIDE CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	29.03	20.82
09 68 16 00-0099	SY	EDIT CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	29.49	20.82
09 68 16 00-0100	SY	EQUAL CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	29.48	20.82
09 68 16 00-0101	SY	TEXT CLASSICBAC® 26 Ounce, Patterned, Nylon Broadloom Carpet	30.12	20.82
09 68 16 00-0102	SY	TEXT ULTRLOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	30.93	20.82
09 68 16 00-0103	SY	CONSTELLATION ULTRLOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	32.19	20.82
09 68 16 00-0104	SY	CROSS STITCH ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	33.55	20.82
09 68 16 00-0105	SY	ESCAPE ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	36.47	20.82
09 68 16 00-0106	SY	WISDOM ECOWORX® PERFORMANCE 26 Ounce, Patterned, Nylon Broadloom Carpet	36.70	20.82
09 68 16 00-0107	SY	BOTAN ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	37.15	20.82
09 68 16 00-0108	SY	MAINFRAME ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	35.26	20.82
09 68 16 00-0109	SY	HANA ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet	37.31	20.82
09 68 16 00-0110	SY	NAVIGATE ULTRALOC® 26 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	35.93	20.82
09 68 16 00-0111	SY	INTUITION ULTRALOC® MB 26 Ounce, Patterned, Nylon Broadloom Carpet	39.01	20.82
09 68 16 00-0112	SY	QUEST ULTRALOC® MB 26 Ounce, Patterned, Nylon Broadloom Carpet	39.01	20.82
09 68 16 00-0113	SY	SOPHISTICATION ULTRALOC® MB 26 Ounce, Patterned, Nylon Broadloom Carpet	39.01	20.82
09 68 16 00-0114	SY	JOIE ECOWORX® PERFORMANCE 26 Ounce, Patterned, Nylon Broadloom Carpet	48.62	20.82
09 68 16 00-0115		**28 Ounce, Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0039)*		
09 68 16 00-0116	SY	POTENTIAL III 28 CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	27.81	22.60
09 68 16 00-0117	SY	MOMENTUM IV UNITARY 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	28.32	22.60
09 68 16 00-0118	SY	POTENTIAL III 28 UNITARY 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	29.07	22.60
09 68 16 00-0119	SY	CULTURE CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	29.17	22.60
09 68 16 00-0120	SY	SCHOLAR II UNITARY 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	30.49	22.60
09 68 16 00-0121	SY	FIELD TRIP ULTRLOC® 28 Ounce, Patterned, Nylon Broadloom Carpet	31.12	22.60
09 68 16 00-0122	SY	ACCOMPLISH CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	31.25	22.60
09 68 16 00-0123	SY	PROSPER CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	32.38	22.60
09 68 16 00-0124	SY	ASPIRE CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	33.23	22.60
09 68 16 00-0125	SY	MOVEMENT ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet	35.01	22.60
09 68 16 00-0126	SY	SHIMMER ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	33.70	22.60
09 68 16 00-0127	SY	CORDED ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	34.31	22.60
09 68 16 00-0128	SY	FIELD TRIP ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	35.91	22.60
09 68 16 00-0129	SY	ACCOMPLISH ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	36.14	22.60
09 68 16 00-0130	SY	PROSPER ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	37.23	22.60
09 68 16 00-0131	SY	MEADOW ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	38.95	22.60
09 68 16 00-0132	SY	PROFILE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	39.66	22.60
09 68 16 00-0133	SY	ASPIRE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	37.80	22.60
09 68 16 00-0134	SY	DOUBLE KNIT ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	38.11	22.60
09 68 16 00-0135	SY	BRIDGE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	39.31	22.60
09 68 16 00-0136	SY	GLADE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	42.20	22.60
09 68 16 00-0137	SY	ESSENCE ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	43.08	22.60
09 68 16 00-0138	SY	EXPRESSIVE ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	43.08	22.60
09 68 16 00-0139	SY	BASKET ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	46.49	22.60
09 68 16 00-0140	SY	IKAT ULTRALOC® 28 Ounce, Patterned, Nylon Broadloom Carpet	49.44	22.60
09 68 16 00-0141	SY	VERVE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	49.26	22.60
09 68 16 00-0142	SY	VITAE ECOWORX® PERFORMANCE 28 Ounce, Patterned, Nylon Broadloom Carpet	46.71	22.60
09 68 16 00-0143	SY	IMAGERY CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet	30.73	22.60
09 68 16 00-0144	SY	GROUND FORCE CLASSICBAC® 28 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	28.05	22.60
09 68 16 00-0145		**30 Ounce, Patterned, Nylon Broadloom Carpet** *(09 68 16 00-0039)*		
09 68 16 00-0146	SY	GRADIENT CLASSICBAC® 30 Ounce, Patterned, Nylon Broadloom Carpet	31.36	22.60
09 68 16 00-0147	SY	HONOR ECOWORX® PERFORMANCE 30 Ounce, Patterned, Nylon Broadloom Carpet	45.41	22.60
09 68 16 00-0148	SY	PEBBLE ECOWORX® PERFORMANCE 30 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	43.29	22.60
09 68 16 00-0149	SY	BATIK ULTRALOC® 30 Ounce, Patterned, Nylon Broadloom Carpet	49.44	22.60
09 68 16 00-0150	SY	LINEN ULTRALOC® 30 Ounce, Patterned, Nylon Broadloom Carpet	49.44	22.60
09 68 16 00-0151	SY	TAPESTRY ULTRALOC® 30 Ounce, Patterned, Nylon Broadloom Carpet	49.44	22.60
09 68 16 00-0152	SY	TEXTILE ULTRALOC® 30 Ounce, Patterned, Nylon Broadloom Carpet	49.44	22.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0153	SY	TRELLIS ECOWORX® PERFORMANCE 30 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	48.17	22.60
09 68 16 00-0154	SY	TWINE ECOWORX® PERFORMANCE 30 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	48.17	22.60
09 68 16 00-0155	SY	BEYOND ULTRALOC® 30 Ounce, Patterned, Nylon Broadloom Carpet	51.51	22.60
09 68 16 00-0156		32 Ounce, Patterned, Nylon Broadloom Carpet *(09 68 16 00-0039)*		
09 68 16 00-0157	SY	REFUGE ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	29.83	22.60
09 68 16 00-0158	SY	RETREAT ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	30.01	22.60
09 68 16 00-0159	SY	PLEAT CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	30.59	22.60
09 68 16 00-0160	SY	TAPER CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	30.59	22.60
09 68 16 00-0161	SY	STRIPES CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	30.98	22.60
09 68 16 00-0162	SY	HERRINGBONE CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	30.98	22.60
09 68 16 00-0163	SY	SQUARES CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	31.28	22.60
09 68 16 00-0164	SY	SOLID CLASSICBAC® 32 Ounce, Patterned, Nylon Broadloom Carpet	38.63	22.60
09 68 16 00-0165	SY	CORE ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	39.80	22.60
09 68 16 00-0166	SY	TIMBER ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	41.95	22.60
09 68 16 00-0167	SY	GROUNDED ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	44.79	22.60
09 68 16 00-0168	SY	TRIBUTE ECOWORX® PERFORMANCE 32 Ounce, Patterned, Nylon Broadloom Carpet	48.22	22.60
09 68 16 00-0169	SY	GRACE ECOWORX® PERFORMANCE 32 Ounce, Patterned, Nylon Broadloom Carpet	48.73	22.60
09 68 16 00-0170	SY	INHERIT ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	52.28	22.60
09 68 16 00-0171	SY	EMBRACE ULTRALOC® 32 Ounce, Patterned, Nylon Broadloom Carpet	58.56	22.60
09 68 16 00-0172		34 Ounce, Patterned, Nylon Broadloom Carpet *(09 68 16 00-0039)*		
09 68 16 00-0173	SY	GLOW ULTRALOC® 34 Ounce, Patterned, Nylon Broadloom Carpet	44.15	24.28
09 68 16 00-0174	SY	3SQUARE ULTRALOC® 34 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	43.73	24.28
09 68 16 00-0175	SY	EDITION ULTRALOC® 34 Ounce, Patterned, Nylon Broadloom Carpet	53.44	24.28
09 68 16 00-0176		36 Ounce, Patterned, Nylon Broadloom Carpet *(09 68 16 00-0039)*		
09 68 16 00-0177	SY	BELLCOURT CLASSICBAC® 36 Ounce, Patterned, Nylon Broadloom Carpet	45.85	24.28
09 68 16 00-0178	SY	CRANFORD CLASSICBAC® 36 Ounce, Patterned, Nylon Broadloom Carpet	45.85	24.28
09 68 16 00-0179	SY	KENNEBUNK CLASSICBAC® 36 Ounce, Patterned, Nylon Broadloom Carpet	45.85	24.28
09 68 16 00-0180	SY	MORITZ CLASSICBAC® 36 Ounce, Patterned, Nylon Broadloom Carpet	45.85	24.28
09 68 16 00-0181	SY	FIBER ECOWORX® 36 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	45.87	24.28
09 68 16 00-0182		38 Ounce, Patterned, Nylon Broadloom Carpet *(09 68 16 00-0039)*		
09 68 16 00-0183	SY	LANA ECOWORX® 38 Ounce, Patterned, Nylon Broadloom Carpet (DELETE)	54.38	24.28
09 68 16 00-0184	SY	ARTISAN LOOM ULTRALOC® 38 Ounce, Patterned, Nylon Broadloom Carpet	58.33	24.28
09 68 16 00-0185	SY	CHOK LOOM ULTRALOC® 38 Ounce, Patterned, Nylon Broadloom Carpet	58.53	24.28
09 68 16 00-0186	SY	AT EASE 39 SOFTBAC 38 Ounce, Patterned, Nylon Broadloom Carpet	39.01	24.28
09 68 16 00-0187	SY	AT EASE 49 SOFTBAC 38 Ounce, Patterned, Nylon Broadloom Carpet	42.96	24.28
09 68 16 00-0188	SY	WELCOME II PERFORMANCE RUBBER BACKING WALK-OFF 38 Ounce, Patterned, Nylon Broadloom Carpet	47.40	24.28
09 68 16 00-0189	SY	BON JOUR II PERFORMANCE RUBBER BACKING WALK-OFF 38 Ounce, Patterned, Nylon Broadloom Carpet	47.40	24.28
09 68 16 00-0190		Non-Patterned Broadloom Carpet (Shaw) *(09 68 16 00-0038)*		
09 68 16 00-0191		24 Ounce, Non-Patterned, Nylon Broadloom Carpet *(09 68 16 00-0190)*		
09 68 16 00-0192	SY	HARBOR CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	23.83	20.82
09 68 16 00-0193	SY	UPSCALE CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	23.83	20.82
09 68 16 00-0194	SY	MEMOIRS CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	24.86	20.82
09 68 16 00-0195	SY	SCENERY CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	26.26	20.82
09 68 16 00-0196	SY	REIMAGINE CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	27.60	20.82
09 68 16 00-0197	SY	STATEMENT CLASSICBAC® 24 Ounce, Non-Patterned, Nylon Broadloom Carpet	29.00	20.82
09 68 16 00-0198		30 Ounce, Non-Patterned, Nylon Broadloom Carpet *(09 68 16 00-0190)*		
09 68 16 00-0199	SY	DESIGN SERIES V 30 CLASSICBAC® 30 Ounce, Non-Patterned, Nylon Broadloom Carpet	29.29	22.60
09 68 16 00-0200	SY	HIGHLIGHT ECOWORX® PERFORMANCE 30 Ounce, Non-Patterned, Nylon Broadloom Carpet	38.13	22.60
09 68 16 00-0201		34 Ounce, Non-Patterned, Nylon Broadloom Carpet *(09 68 16 00-0190)*		
09 68 16 00-0202	SY	RESIDENCE INN I CLASSICBAC® 34 Ounce, Non-Patterned, Nylon Broadloom Carpet	34.05	24.28
09 68 16 00-0203		36 Ounce, Non-Patterned, Nylon Broadloom Carpet *(09 68 16 00-0190)*		
09 68 16 00-0204	SY	DESIGN SERIES V 36 CLASSICBAC® 36 Ounce, Non-Patterned, Nylon Broadloom Carpet	33.73	24.28
09 68 16 00-0205		38 Ounce, Non-Patterned, Nylon Broadloom Carpet *(09 68 16 00-0190)*		
09 68 16 00-0206	SY	VILLA CLASSICBAC® 38 Ounce, Non-Patterned, Nylon Broadloom Carpet	33.75	24.28
09 68 16 00-0207	SY	SCEPTER II CLASSICBAC® 38 Ounce, Non-Patterned, Nylon Broadloom Carpet	41.64	24.28
09 68 16 00-0208	SY	RESIDENCE INN II CLASSICBAC® 38 Ounce, Non-Patterned, Nylon Broadloom Carpet	37.36	24.28
09 68 16 00-0209	SY	RESIDENCE INN III CLASSICBAC® 38 Ounce, Non-Patterned, Nylon Broadloom Carpet	40.81	24.28
09 68 16 00-0210		Carpet Accessories *(09 68 16)*		

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0211	LF	Metal Carpet Saddle Strip, Up To 4" Wide	7.48	0.89
09 68 16 00-0212	LF	Carpet Grip Tape, Double Sided, 6" Wide	3.16	0.89
09 68 16 00-0213		Removal And Reinstallation Of Carpet And Pad *(09 68 16)*		
		Note: Includes storage, cleaning and supply materials.		
09 68 16 00-0214	SY	Removal And Reinstallation Of Carpet And Pad	29.36	
09 68 16 00-0215		Carpeting Support Functions *(09 68 16)*		
09 68 16 00-0216		Relocate Partitions, Modular Work Stations *(09 68 16 00-0215)*		
		Note: Includes disassembly and reassembly of work station. Excludes electrical disconnection or reconnection.		
09 68 16 00-0217	EA	Relocate Modular Work Station	313.28	
09 68 16 00-0218		Installation Of Owner Provided Broadloom Carpet *(09 68 16)*		
09 68 16 00-0219	SY	Up To 24 Oz, Installation Of Owner Provided Broadloom Carpet	12.48	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*2.42*	
		For >15 To 33, Add	*1.21*	
09 68 16 00-0220	SY	>24 To 34 Oz, Installation Of Owner Provided Broadloom Carpet	14.49	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*2.82*	
		For >15 To 33, Add	*1.41*	
09 68 16 00-0221	SY	>34 Oz, Installation Of Owner Provided Broadloom Carpet	17.31	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*3.38*	
		For >15 To 33, Add	*1.69*	

09 69 Access Flooring *(09 60)*

09 69 13 Rigid-Grid Access Flooring *(09 69)*

09 69 13 00-0001		Panels, No Covering *(09 69 13)*		
09 69 13 00-0002	SF	2' x 2' Panels - No Covering Access And Pedestal Floors	19.34	0.89
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0003	SF	2' x 2' Perforated Panels Access And Pedestal Floors	36.93	0.89
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0004	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T	34.36	0.98
09 69 13 00-0005	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T	34.36	0.98
09 69 13 00-0006	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Moondance 6808	34.36	0.98
09 69 13 00-0007	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Mosaic 6280	34.36	0.98
09 69 13 00-0008	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST2-2 Beige Star/Brown Trim	32.46	0.98
09 69 13 00-0009	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST6-1 Gray Star/Black Trim	32.46	0.98
09 69 13 00-0010	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Raf Blue 7153T	36.74	0.98
09 69 13 00-0011	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Sage Brown 7777T	36.74	0.98
09 69 13 00-0012	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Moodance 6808	36.74	0.98
09 69 13 00-0013	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Mosaic 6280	36.74	0.98
09 69 13 00-0014	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim	34.84	0.98
09 69 13 00-0015	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST6-1 Grey Star/Black Trim	34.84	0.98
09 69 13 00-0016	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST2-2 Beige Star Trim	44.30	0.98
09 69 13 00-0017	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST6-1 Gray Star Trim	44.30	0.98
09 69 13 00-0018		Pedestals *(09 69 13)*		
09 69 13 00-0019	EA	6" To 12" Finished Floor Height, Pedestal Assembly	39.58	4.48
09 69 13 00-0020	EA	8" To 12" Finished Floor Height, Pedestal Assembly	41.96	4.48
09 69 13 00-0021	EA	18" To 24" Finished Floor Height, Pedestal Assembly	43.15	4.48
09 69 13 00-0022	EA	30" To 36" Finished Floor Height, Pedestal Assembly	47.46	4.48
09 69 13 00-0023		Stringers *(09 69 13)*		
09 69 13 00-0024	EA	2' Bolted Stringers, Access And Pedestal Floors	19.25	5.37
09 69 13 00-0025	EA	4' Bolted Stringers, Access And Pedestal Floors	34.09	8.06
09 69 13 00-0026	EA	6' Bolted Stringers, Access And Pedestal Floors	53.57	13.43
09 69 13 00-0027		Understructure *(09 69 13)*		
09 69 13 00-0028	SF	Standard Bolted Stringer Understructure 8" Or 12" Finished Floor Height	6.84	1.34
09 69 13 00-0029	SF	Standard Bolted Stringer Understructure 18" Or 24" Finished Floor Height	7.41	1.34
09 69 13 00-0030	SF	Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height	8.78	1.34

09 69 53 Access Flooring Accessories *(09 69)*

09 69 53 00-0001		Accessories *(09 69 53)*		
09 69 53 00-0002	SF	Accessories, Ramp Assembly Access And Pedestal Floors	42.83	3.58
09 69 53 00-0003	LF	Accessories, Handrail Access And Pedestal Floors	68.99	6.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 69 53 00-0004	LF	Accessories, Fascia Plate Access And Pedestal Floors	26.22	6.26
09 69 53 00-0005	EA	Machine Cutouts	213.70	
09 69 53 00-0006	SF	Tate Tamp, Cover Step Master Slip Retard- Tile, Buckskin Or Slate	72.07	
09 69 53 00-0007	LF	Tate 2 Or 3 Riser Steps In Raised Floor System Note: Includes baffles, fascia plates trim and cover.	174.67	0.45
09 69 53 00-0008	LF	Tate Handrail	137.41	2.95
09 69 53 00-0009	SF	Hammered Aluminum Finish Fascia Note: Includes trim angles and hardware (8", 12", 18", 24").	48.96	2.95
09 69 53 00-0010	EA	7" x 17" Lexan Floor Mounted Grille Note: Includes carpet trim to flush mount.	223.08	11.19
09 69 53 00-0011	EA	Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material	46.82	
09 69 53 00-0012	EA	Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003)	46.82	
09 69 53 00-0013	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New UTP Carpet	66.60	1.79
09 69 53 00-0014	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New HPL	82.06	1.79
09 69 53 00-0015	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL/WA Edge Trim	62.32	1.79
09 69 53 00-0016	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL Top set Trim Edge	82.05	1.79
09 69 53 00-0017	EA	Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4	220.22	11.19
09 69 53 00-0018	EA	Flush Mounted Telephone Box (Grey/Black/Communications) Note: Includes cut hole.	152.22	11.19
09 69 53 00-0019	EA	Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4	220.22	11.19
09 69 53 00-0020	EA	Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2	116.42	1.79
09 69 53 00-0021	EA	Removal And Reinstallation Of Flush Mounted Electrical, Telephone Or Communications Floor Box In Raised Floor	8.95	

09 69 53 00-0022 Final Cleaning For Computer Room Raised Floor System *(09 69 53)*

Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.

09 69 53 00-0023	SF	Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor	3.21	
09 69 53 00-0024	SF	Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath	3.36	
09 69 53 00-0025	SF	Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor	3.31	

09 70 Wall Finishes *(09)*

09 72 Wall Coverings *(09 70)*

09 72 13 Cork Wall Coverings *(09 72)*

09 72 13 00-0001 Cork Wall Covering *(09 72 13)*

09 72 13 00-0002	SF	1/8" Cork Wall Covering	4.62	0.76
09 72 13 00-0003	SF	1/4" Cork Wall Covering	5.84	0.76
09 72 13 00-0004	SF	1/2" Cork Wall Covering	6.81	0.76
09 72 13 00-0005	SF	3/4" Cork Wall Covering	9.63	0.76

09 72 16 Vinyl-Coated Fabric Wall Coverings *(09 72)*

09 72 16 13 Flexible Vinyl Wall Coverings *(09 72 16)*

09 72 16 13-0001 Vinyl Wall Coverings *(09 72 16 13)*

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 16 13-0002	SF	7-10 Oz/SY Vinyl Wall Covering	3.30	0.76
		For Owner Furnished Material, Deduct	*-2.11*	
09 72 16 13-0003	SF	11-14 Oz/SY Vinyl Wall Covering	4.34	0.76
		For Owner Furnished Material, Deduct	*-3.08*	
09 72 16 13-0004	SF	15-19 Oz/SY Vinyl Wall Covering	5.12	0.76
		For Owner Furnished Material, Deduct	*-3.86*	
09 72 16 13-0005	SF	20 To 25 Ounces/SY Vinyl Wall Covering	6.04	0.76
		For Owner Furnished Material, Deduct	*-4.45*	
09 72 16 13-0006	SF	26-32 Oz/SY Vinyl Wall Covering	7.08	0.76
		For Owner Furnished Material, Deduct	*-5.42*	
09 72 16 13-0007	SF	33-38 Oz/SY Vinyl Wall Covering	8.58	0.76
		For Owner Furnished Material, Deduct	*-6.85*	

09 72 19 Textile Wall Coverings *(09 72)*

09 72 19 00-0001 Acoustic Wall Covering *(09 72 19)*

09 72 19 00-0002	SY	Acoustic Wall Covering (TRI-KES ACS-24 Celadon)	86.32	
09 72 19 00-0003	SY	Acoustic Wall Covering (Carnegie Fabrics Strie 6423, Color 814)	54.85	
09 72 19 00-0004	SY	Acoustic Wall Covering (Carnegie Fabrics Meteor 6427, Color 766)	54.85	

09 72 23 Wallpapering *(09 72)*

09 72 23 00-0001 Wallpaper Coverings *(09 72 23)*

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 23 00-0002	SF	Average Quality Wallpaper (Standard Grade)	2.27	1.01
09 72 23 00-0003	SF	High Quality Wallpaper (Designer Grade)	3.88	1.29
09 72 23 00-0004	SF	Textured Paintable Paper Installed On Ceiling	2.96	1.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 73 Wall Carpeting *(09 70)*

09 73 00 00-0001 Carpet Wall Covering *(09 73)*

09 73 00 00-0002	SY	28 Ounce, Nylon Carpet Wall Covering	44.70	23.15
09 73 00 00-0003	SY	32 Ounce, Nylon Carpet Wall Covering	45.87	23.15
09 73 00 00-0004	SY	34 Ounce, Nylon Carpet Wall Covering	49.57	24.93
09 73 00 00-0005	SY	35 Ounce, Nylon Carpet Wall Covering	52.44	24.93
09 73 00 00-0006	SY	36 Ounce, Nylon Carpet Wall Covering	55.40	24.93
09 73 00 00-0007	SY	38 Ounce, Nylon Carpet Wall Covering	56.81	24.93
09 73 00 00-0008	SY	40 Ounce, Nylon Carpet Wall Covering	59.22	26.92
09 73 00 00-0009	SY	42 Ounce, Nylon Carpet Wall Covering	61.86	26.92

09 74 Flexible Wood Sheets *(09 70)*

09 74 16 Flexible Wood Veneers *(09 74)*

09 74 16 00-0001 Flexible Wood Veneer *(09 74 16)*

09 74 16 00-0002	SF	1/32" Thick, Flexible Maple Wood Veneer	9.04	3.04
09 74 16 00-0003	SF	1/32" Thick, Flexible Oak Wood Veneer	9.22	3.04
09 74 16 00-0004	SF	1/32" Thick, Flexible Mahogany Wood Veneer	9.22	3.04
09 74 16 00-0005	SF	1/32" Thick, Flexible Birch Wood Veneer	9.41	3.04
09 74 16 00-0006	SF	1/32" Thick, Flexible Walnut Wood Veneer	10.33	3.04
09 74 16 00-0007	SF	1/32" Thick, Flexible Bamboo Wood Veneer	11.44	3.04
09 74 16 00-0008	SF	1/32" Thick, Flexible Fir Wood Veneer	12.74	3.04

09 74 16 00-0009 Flexible Exotic Wood Veneer *(09 74 16)*

09 74 16 00-0010	SF	1/32" Thick, Flexible Exotic Wood Veneer	15.95	3.04

09 77 Special Wall Surfacing *(09 70)*

09 77 11 Special Wall Panels *(09 77)*

09 77 11 00-0001 Special Wood Wall Panels *(09 77 11)*
See CSI section 05 12 23 00-0423 for angle iron.

09 77 11 00-0002	SF	Wood Grill Wall Panel (Plyboo Style LS11) Note: Includes connection to walls.	89.26	
09 77 11 00-0003	SF	Wood Grill Ceiling Panel (Plyboo Style LS11) Note: Includes connection to ceiling or grid. Excludes ceiling grid support structure.	96.34	

09 78 Interior Wall Paneling *(09 70)*

09 78 13 Metal Interior Wall Paneling *(09 78)*

09 78 13 00-0001 Stainless Steel Wall Base *(09 78 13)*
Note: Grade CS304 with #4 satin polish

09 78 13 00-0002 22 Gauge Stainless Steel Wall Base *(09 78 13 00-0001)*

09 78 13 00-0003	LF	2" Height, 22 Gauge, Stainless Steel Straight Wall Base	10.96	2.26
09 78 13 00-0004	LF	4" Height, 22 Gauge, Stainless Steel Straight Wall Base	16.39	2.49
09 78 13 00-0005	LF	4-3/4" Height, 22 Gauge, Stainless Steel Straight Wall Base	18.32	2.49
09 78 13 00-0006	LF	6" Height, 22 Gauge, Stainless Steel Straight Wall Base	22.06	2.71
09 78 13 00-0007	LF	8" Height, 22 Gauge, Stainless Steel Straight Wall Base	27.70	3.01
09 78 13 00-0008	LF	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	12.39	2.26
09 78 13 00-0009	LF	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	17.74	2.49
09 78 13 00-0010	LF	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	19.66	2.49
09 78 13 00-0011	LF	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	23.22	2.71
09 78 13 00-0012	LF	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	28.88	3.01
09 78 13 00-0013	EA	2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	30.61	4.52
09 78 13 00-0014	EA	4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	38.97	4.98
09 78 13 00-0015	EA	4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	41.87	4.98
09 78 13 00-0016	EA	6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	47.40	5.43
09 78 13 00-0017	EA	8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	56.16	6.04
09 78 13 00-0018	EA	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	63.78	4.52
09 78 13 00-0019	EA	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	72.23	4.98
09 78 13 00-0020	EA	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	75.04	4.98
09 78 13 00-0021	EA	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	80.67	5.43
09 78 13 00-0022	EA	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	89.42	6.04
09 78 13 00-0023	EA	2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	30.61	4.52
09 78 13 00-0024	EA	4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	38.97	4.98
09 78 13 00-0025	EA	4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	41.87	4.98
09 78 13 00-0026	EA	6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	47.40	5.43
09 78 13 00-0027	EA	8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	56.16	6.04
09 78 13 00-0028	EA	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	77.13	4.52
09 78 13 00-0029	EA	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	85.48	4.98
09 78 13 00-0030	EA	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	88.38	4.98
09 78 13 00-0031	EA	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	93.92	5.43
09 78 13 00-0032	EA	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	102.67	6.04

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 78 13 00-0033			16 Gauge Stainless Steel Wall Base *(09 78 13 00-0001)*		
09 78 13 00-0034		LF	2" Height, 16 Gauge, Stainless Steel Straight Wall Base	19.24	2.26
09 78 13 00-0035		LF	4" Height, 16 Gauge, Stainless Steel Straight Wall Base	33.02	2.49
09 78 13 00-0036		LF	4-3/4" Height, 16 Gauge, Stainless Steel Straight Wall Base	37.97	2.49
09 78 13 00-0037		LF	6" Height, 16 Gauge, Stainless Steel Straight Wall Base	46.74	2.71
09 78 13 00-0038		LF	8" Height, 16 Gauge, Stainless Steel Straight Wall Base	62.32	3.01
09 78 13 00-0039		LF	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	20.57	2.26
09 78 13 00-0040		LF	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	34.32	2.49
09 78 13 00-0041		LF	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	38.92	2.49
09 78 13 00-0042		LF	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	48.07	2.71
09 78 13 00-0043		LF	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	61.97	3.01
09 78 13 00-0044		EA	2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	42.99	4.52
09 78 13 00-0045		EA	4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	63.82	4.98
09 78 13 00-0046		EA	4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	71.17	4.98
09 78 13 00-0047		EA	6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	84.63	5.43
09 78 13 00-0048		EA	8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	105.86	6.04
09 78 13 00-0049		EA	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	76.22	4.52
09 78 13 00-0050		EA	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	97.05	4.98
09 78 13 00-0051		EA	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	104.53	4.98
09 78 13 00-0052		EA	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	117.90	5.43
09 78 13 00-0053		EA	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	139.03	6.04
09 78 13 00-0054		EA	2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	42.99	4.52
09 78 13 00-0055		EA	4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	63.82	4.98
09 78 13 00-0056		EA	4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	71.17	4.98
09 78 13 00-0057		EA	6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	84.63	5.43
09 78 13 00-0058		EA	8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	105.86	6.04
09 78 13 00-0059		EA	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	89.50	4.52
09 78 13 00-0060		EA	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	110.33	4.98
09 78 13 00-0061		EA	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	117.84	4.98
09 78 13 00-0062		EA	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	131.20	5.43
09 78 13 00-0063		EA	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	152.37	6.04

09 80 Acoustic Treatment *(09)*

09 81 Acoustic Insulation *(09 80)*

09 81 16 Acoustic Blanket Insulation *(09 81)*

09 81 16 00-0001			Sound Attenuation Fire Blankets (SAFB) *(09 81 16)* Note: Mineral wool		
09 81 16 00-0002			2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)*		
09 81 16 00-0003		SF	1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.81	0.30
09 81 16 00-0004		SF	2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.97	0.30
09 81 16 00-0005		SF	2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.19	0.30
09 81 16 00-0006		SF	3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.35	0.30
09 81 16 00-0007		SF	3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.57	0.30
09 81 16 00-0008		SF	4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.78	0.30
09 81 16 00-0009		SF	5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.06	0.30
09 81 16 00-0010		SF	6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.38	0.30
09 81 16 00-0011			4 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)*		
09 81 16 00-0012		SF	1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.77	0.30
09 81 16 00-0013			Fiberglass Sound Attenuation Blankets *(09 81 16)* Note: (Insul-Quilt)		
09 81 16 00-0014		SF	2" Fiberglass Core Blanket, Faced With fiberglass Cloth And Backed With A Flame-Proof Foil (Insul-Quilt)	8.06	0.29
09 81 16 00-0015			Sound Attenuation Batts *(09 81 16)* Note: NoiseReducer® by Certainteed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.		
09 81 16 00-0016		SF	2-1/2" Thick, Unfaced Sound Attenuation Batt	1.13	0.40
09 81 16 00-0017		SF	3-1/2" Thick, Unfaced Sound Attenuation Batt	1.22	0.40
09 81 16 00-0018		SF	3-1/2" Thick, Kraft Faced Sound Attenuation Batt	1.27	0.40
09 81 16 00-0019		SF	5-1/2" Thick, Unfaced Sound Attenuation Batt	1.43	0.40
09 81 16 00-0020		SF	5-1/2" Thick, Kraft Faced Sound Attenuation Batt	1.48	0.40
09 81 16 00-0021		SF	6-1/4" Thick, Unfaced Sound Attenuation Batt	1.47	0.40
09 81 16 00-0022		SF	6-1/4" Thick, Kraft Faced Sound Attenuation Batt	1.53	0.40

09 84 Acoustic Room Components *(09 80)*

09 84 13 Fixed Sound-Absorptive Panels *(09 84)*

09 84 13 00-0001			Sound Absorbing Panels And Attenuation Blankets *(09 84 13)* Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 84 13 00-0002	SF	3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler	10.77	2.01
09 84 13 00-0003	SF	1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls	15.91	2.01
09 84 13 00-0004		Sound Absorbing Acoustical Wall Panel System *(09 84 13)*		
		See CSI section 06 11 16 00-0211 for wood furring.		
09 84 13 00-0005		Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) *(09 84 13 00-0004)*		
		Note: Includes tackable surface, molding and mounting hardware for flush mount.		
09 84 13 00-0006	SF	5/8" Panel Thickness, Vinyl Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Signature Vinyl)	13.58	2.26
09 84 13 00-0007	SF	3/4" Panel Thickness, Composed Fabric Surface (Non-Woven), Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Rhythms®)	12.51	2.26
09 84 13 00-0008	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 FR-701)	15.89	2.26
09 84 13 00-0009	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Lido™)	15.91	2.26
09 84 13 00-0010	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Spinel™)	17.62	2.26
09 84 13 00-0011	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Zirconia™)	17.62	2.26
09 84 13 00-0012		Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) *(09 84 13 00-0004)*		
		Note: Includes molding and mounting hardware for flush mount.		
09 84 13 00-0013	SF	1" Panel Thickness, Composed Fabric Surface (Non-Woven), Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Rhythms®)	15.93	2.26
09 84 13 00-0014	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 FR-701)	18.72	2.26
09 84 13 00-0015	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Lido™)	18.72	2.26
09 84 13 00-0016	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Spinel™)	21.50	2.26
09 84 13 00-0017	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Zirconia™)	21.50	2.26
09 84 13 00-0018		Sound Absorbing Panel, Eggcrate Style *(09 84 13)*		
		Note: Ceiling or wall hung back.		
09 84 13 00-0019	SF	2" Thick Polyurethane Sound Wave (Eggcrate Style)	10.30	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0020	SF	3" Thick Polyurethane Sound Wave (Eggcrate Style)	13.76	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0021	SF	4" Thick Polyurethane Sound Wave (Eggcrate Style)	18.18	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0022	SF	2" Thick Melamine Sound Wave (Eggcrate Style)	13.64	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*2.05*	
		For Pyramid Style With Hypalon Coating, Add	*4.02*	
09 84 13 00-0023	SF	3" Thick Melamine Sound Wave (Eggcrate Style)	26.45	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*0.42*	
		For Pyramid Style With Hypalon Coating, Add	*2.40*	
09 84 13 00-0024	SF	4" Thick Melamine Sound Wave (Eggcrate Style)	33.94	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*0.42*	
		For Pyramid Style With Hypalon Coating, Add	*2.40*	
09 84 13 00-0025		Sound Deadening Fiberboard *(09 84 13)*		
09 84 13 00-0026	SF	1/2" Sound Deadening Fiberboard	1.39	0.50
		For Horizontal Installation Up To 10' High, Add	*0.31*	
		For Horizontal Installation >10' High, Add	*0.46*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.46*	
		For >128 To 320, Add	*0.28*	

09 90 Painting and Coating *(09)*

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, sanding between coats, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 01 56 16 00-0001 for temporary plastic sheeting to protect existing equipment or materials, 07 92 00 00-0000 for caulking where required, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required, 09 29 10 00-0037 for finishing exisiting wall surfaces or small holes not requiring patching in excess of items included above.

09 91 Painting *(09 90)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13		**Exterior Painting** *(09 91)*		
		Note: Acrylic latex paint unless otherwise stated. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss.		
09 91 13 00-0001		Paint Exterior Walls/Siding *(09 91 13)*		
09 91 13 00-0002		Paint Exterior Brick Walls *(09 91 13 00-0001)*		
09 91 13 00-0003	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Brick Walls	0.20	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.13*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 13 00-0004	SF	1 Coat Filler, Brush Work, Paint Exterior Brick Walls	0.89	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0005	SF	1 Coat Paint, Brush Work, Paint Exterior Brick Walls	1.25	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0006	SF	2 Coats Paint, Brush Work, Paint Exterior Brick Walls	1.83	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0007	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Brick Walls	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0008	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Brick Walls	1.00	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0009	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Brick Walls	1.50	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0010	SF	1 Coat Filler, Sprayed, Paint Exterior Brick Walls	0.61	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0011	SF	1 Coat Paint, Sprayed, Paint Exterior Brick Walls	0.63	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0012	SF	2 Coats Paint, Sprayed, Paint Exterior Brick Walls	1.33	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0013		Paint Exterior Concrete Walls *(09 91 13 00-0001)*		
09 91 13 00-0014	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Walls	0.13	
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0015	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Walls	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0016	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Walls	0.80	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0017	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Walls	1.51	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0018	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Walls	0.61	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0019	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Walls	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0020	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Walls	1.15	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0021	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Walls	0.55	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0022	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Walls	0.50	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
09 91 13 00-0023	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Walls	0.87	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

09 91 13 00-0024 Paint Exterior Concrete Block Walls *(09 91 13 00-0001)*

09 91 13 00-0025 Paint Exterior Concrete Block Walls, Epoxy Paint *(09 91 13 00-0024)*

09 91 13 00-0026	LF	1 Coat Epoxy Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls	0.19	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0027	SF	1 Coat Epoxy Filler, Brush Work, Paint Exterior Concrete Block Walls	1.06	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0028	SF	1 Coat Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls	1.21	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0029	SF	2 Coats Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls	2.12	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
09 91 13 00-0030	SF	1 Coat Epoxy Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls	0.88	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0031	SF	1 Coat Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	0.97	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0032	SF	2 Coats Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.74	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 13 00-0033	SF	1 Coat Epoxy Filler, Sprayed, Paint Exterior Concrete Block Walls	0.74	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0034	SF	1 Coat Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls	0.81	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0035	SF	2 Coats Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls	1.59	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	

09 91 13 00-0036 Paint Exterior Concrete Block Walls, Acrylic Latex Paint *(09 91 13 00-0024)*

09 91 13 00-0037	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls	0.19	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0038	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Block Walls	0.96	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0039	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Block Walls	1.13	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0040	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Block Walls	2.10	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
09 91 13 00-0041	SF	1 Coat Texture Paint, Brush Work, Paint Exterior Concrete Block Walls	1.28	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0042	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls	0.77	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0043	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	0.97	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0044	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.70	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 91 13 00-0045	SF	1 Coat Texture Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.10	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0046	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Block Walls	0.76	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0047	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Block Walls	0.81	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0048	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Block Walls	1.23	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0049	SF	1 Coat Texture Paint, Sprayed, Paint Exterior Concrete Block Walls	1.03	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	

09 91 13 00-0050 Paint Exterior Drywall/Plaster Walls *(09 91 13 00-0001)*

09 91 13 00-0051	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Walls	0.13	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
		For Epoxy Paint, Add	*0.01*	
09 91 13 00-0052	SF	1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Wall	0.77	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
		For Epoxy Paint, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0053	SF	1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Walls	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
		For Epoxy Paint, Add	*0.08*	
09 91 13 00-0054	SF	2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Walls	1.51	
		For Oil Based Paint, Add	*0.09*	
		For Orange Peel Finish, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0055	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Epoxy Paint, Add	*0.08*	
09 91 13 00-0056	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	0.61	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Epoxy Paint, Add	*0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0057	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	1.13	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0058	SF	1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Walls	0.55	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
		For Epoxy Paint, Add	*0.09*	
09 91 13 00-0059	SF	1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Walls	0.58	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Epoxy Paint, Add	*0.08*	
09 91 13 00-0060	SF	2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Walls	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
		For Epoxy Paint, Add	*0.15*	

09 91 13 00-0061 Paint Exterior Metal Walls *(09 91 13 00-0001)*

09 91 13 00-0062 Paint Exterior Galvanized Walls *(09 91 13 00-0061)*
Note: Linseed oil or acrylic latex paint.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0063	SF	1 Coat Primer, Brush Work, Paint Exterior Galvanized Wall Surfaces	0.99	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0064	SF	1 Coat Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces	1.09	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0065	SF	2 Coats Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces	1.99	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 13 00-0066	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Walls	0.75	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0067	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Walls	0.86	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0068	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Walls	1.61	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0069	SF	1 Coat Primer, Sprayed, Paint Exterior Galvanized Walls	0.67	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0070	SF	1 Coat Paint, Sprayed, Paint Exterior Galvanized Walls	0.86	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0071	SF	2 Coats Paint, Sprayed, Paint Exterior Galvanized Walls	1.47	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	

09 91 13 00-0072 Paint Exterior Aluminum And Aluminum Alloy Walls *(09 91 13 00-0061)*

Note: Alkyd enamel paint.

09 91 13 00-0073	SF	1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	0.99	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0074	SF	1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	1.09	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0075	SF	2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	1.99	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 13 00-0076	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	0.85	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0077	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	0.95	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0078	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	1.80	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0079	SF	1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	0.73	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0080	SF	1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	0.86	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0081	SF	2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	1.47	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	

09 91 13 00-0082 Paint Exterior Aluminum And Aluminum Alloy Roof Stacks *(09 91 13 00-0061)*

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0083	LF	1 Coat Primer, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	12.76	
		For Work >15' To 20' Above Floor, Add	*1.64*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*2.73*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*4.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*6.01*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*8.47*	
		For >100 To 250, Add	*4.01*	
		For >250 To 500, Add	*1.73*	
		For >2,500 To 5,000, Deduct	*-0.64*	
		For >5,000 To 10,000, Deduct	*-1.28*	
		For >10,000 To 20,000, Deduct	*-1.91*	
		For >20,000, Deduct	*-2.55*	
09 91 13 00-0084	LF	1 Coat Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	14.20	
		For Work >15' To 20' Above Floor, Add	*1.82*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*3.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*4.85*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*6.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*9.41*	
		For >100 To 250, Add	*4.45*	
		For >250 To 500, Add	*1.92*	
		For >2,500 To 5,000, Deduct	*-0.71*	
		For >5,000 To 10,000, Deduct	*-1.42*	
		For >10,000 To 20,000, Deduct	*-2.13*	
		For >20,000, Deduct	*-2.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0085	LF	2 Coats Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	26.49	
		For Work >15' To 20' Above Floor, Add	*3.42*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*5.70*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*9.12*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*12.55*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*17.66*	
		For >100 To 250, Add	*8.35*	
		For >250 To 500, Add	*3.61*	
		For >2,500 To 5,000, Deduct	*-1.32*	
		For >5,000 To 10,000, Deduct	*-2.65*	
		For >10,000 To 20,000, Deduct	*-3.97*	
		For >20,000, Deduct	*-5.30*	
09 91 13 00-0086		Paint Exterior Corrugated Metal Walls *(09 91 13 00-0061)*		
09 91 13 00-0087	SF	1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Walls	0.83	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0088	SF	1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Walls	1.06	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0089	SF	2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Walls	1.82	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
09 91 13 00-0090		Paint Exterior Stucco Walls *(09 91 13 00-0001)*		

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0091	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Stucco Wall Surfaces	0.23	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.15*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.05*	
09 91 13 00-0092	SF	1 Coat Primer, Brush Work, Paint Exterior Stucco Wall Surfaces	1.27	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0093	SF	1 Coat Paint, Brush Work, Paint Exterior Stucco Wall Surfaces	1.40	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0094	SF	2 Coats Paint, Brush Work, Paint Exterior Stucco Wall Surfaces	2.59	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.16*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.65*	
		For >100 To 250, Add	*0.79*	
		For >250 To 500, Add	*0.34*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.52*	
09 91 13 00-0095	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Stucco Walls	0.97	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0096	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Stucco Walls	1.10	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0097	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Stucco Walls	2.03	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.41*	
09 91 13 00-0098	SF	1 Coat Primer, Sprayed, Paint Exterior Stucco Walls	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0099	SF	1 Coat Paint, Sprayed, Paint Exterior Stucco Walls	0.92	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0100	SF	2 Coats Paint, Sprayed, Paint Exterior Stucco Walls	1.78	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0101		Paint Exterior Wood Siding *(09 91 13 00-0001)*		
09 91 13 00-0102		Paint Exterior Smooth Wood Siding *(09 91 13 00-0101)*		
		Note: Includes tongue and groove, beveled, drop or board and batten siding.		
09 91 13 00-0103	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Siding	0.18	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.12*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 13 00-0104	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Siding	1.08	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0105	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Siding	1.14	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0106	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Siding	2.03	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.89*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0107	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Siding	0.85	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0108	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding	0.93	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0109	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding	1.76	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 13 00-0110	SF	1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Siding	0.71	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0111	SF	1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Siding	0.85	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0112	SF	2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Siding	1.39	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	

09 91 13 00-0113 Paint Exterior Rough Wood Siding *(09 91 13 00-0101)*

Note: Includes shingles, shakes or rough sawn siding.

09 91 13 00-0114	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	1.43	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0115	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	1.43	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0116	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	2.63	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.89*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.22*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.73*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.35*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0117	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	1.31	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0118	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	1.42	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0119	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	2.62	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.43*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.52*	
09 91 13 00-0120	SF	1 Coat Primer, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	0.99	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0121	SF	1 Coat Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	1.11	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0122	SF	2 Coats Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	2.08	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	

09 91 13 00-0123 Paint Exterior Vinyl Siding *(09 91 13 00-0001)*

09 91 13 00-0124	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Vinyl Siding	0.15	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0125	SF	1 Coat Primer, Brush Work, Paint Exterior Vinyl Siding	0.82	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0126	SF	1 Coat Paint, Brush Work, Paint Exterior Vinyl Siding	0.90	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0127	SF	2 Coats Paint, Brush Work, Paint Exterior Vinyl Siding	1.67	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 13 00-0128	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Vinyl Siding	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0129	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Vinyl Siding	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0130	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Vinyl Siding	1.41	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0131	SF	1 Coat Primer, Sprayed, Paint Exterior Vinyl Siding	0.70	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0132	SF	1 Coat Paint, Sprayed, Paint Exterior Vinyl Siding	0.81	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0133	SF	2 Coats Paint, Sprayed, Paint Exterior Vinyl Siding	1.59	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0134		Paint Exterior Ceilings *(09 91 13)*		
09 91 13 00-0135		Paint Exterior Concrete Ceilings *(09 91 13 00-0134)*		
09 91 13 00-0136	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Ceiling	0.15	
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.10*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0137	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Ceiling	0.84	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0138	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Ceiling	0.91	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0139	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Ceiling	1.62	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0140	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Ceiling	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0141	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0142	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling	1.34	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0143	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Ceiling	0.57	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0144	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Ceiling	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0145	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Ceiling	1.07	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

09 91 13 00-0146 Drywall/Plaster *(09 91 13 00-0134)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0147	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Ceiling	0.15	
		For Oil Based Paint, Add	*0.01*	
		For Epoxy Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.10*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
		For Epoxy Paint, Add	*0.01*	
09 91 13 00-0148	SF	1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Ceiling	0.85	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Epoxy Paint, Add	*0.09*	
09 91 13 00-0149	SF	1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling	0.91	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.13*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Epoxy Paint, Add	*0.09*	
09 91 13 00-0150	SF	2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling	1.62	
		For Oil Based Paint, Add	*0.09*	
		For Orange Peel Finish, Add	*0.23*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
		For Epoxy Paint, Add	*0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0151	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.08*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Epoxy Paint, Add	*0.08*	
09 91 13 00-0152	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.10*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Epoxy Paint, Add	*0.08*	
09 91 13 00-0153	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	1.33	
		For Oil Based Paint, Add	*0.08*	
		For Orange Peel Finish, Add	*0.18*	
		For Epoxy Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
		For Epoxy Paint, Add	*0.15*	
09 91 13 00-0154	SF	1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Ceiling	0.57	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.11*	
		For Epoxy Paint, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0155	SF	1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Epoxy Paint, Add	*0.08*	
09 91 13 00-0156	SF	2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling	1.08	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
		For Epoxy Paint, Add	*0.16*	

09 91 13 00-0157 Paint Exterior Wood Ceilings *(09 91 13 00-0134)*

09 91 13 00-0158 Paint Exterior Smooth Wood Ceilings *(09 91 13 00-0157)*

09 91 13 00-0159	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Ceiling	0.17	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0160	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Ceiling	1.04	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0161	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Ceiling	1.07	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0162	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Ceiling	1.96	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
09 91 13 00-0163	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	0.85	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0164	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	0.91	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0165	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	1.64	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0166	SF	1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Ceiling	0.70	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0167	SF	1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Ceiling	0.70	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0168	SF	2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Ceiling	1.26	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

09 91 13 00-0169 Paint Exterior Rough Wood Ceilings *(09 91 13 00-0157)*

09 91 13 00-0170	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Rough Ceiling	1.55	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0171	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Rough Ceiling	1.56	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0172	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Rough Ceiling	2.73	
		For Oil Based Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.93*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.28*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.80*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.37*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.41*	
		For >20,000, Deduct	*-0.55*	
09 91 13 00-0173	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	1.42	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0174	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	1.51	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0175	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	2.71	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.00*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.50*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.41*	
		For >20,000, Deduct	*-0.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0176	SF	1 Coat Primer, Sprayed, Paint Exterior Rough Wood Ceiling	1.10	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0177	SF	1 Coat Paint, Sprayed, Paint Exterior Rough Wood Ceiling	1.22	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0178	SF	2 Coats Paint, Sprayed, Paint Exterior Rough Wood Ceiling	2.21	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.21*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	

09 91 13 00-0179 Paint Exterior Metal Ceilings *(09 91 13 00-0134)*

09 91 13 00-0180 Paint Exterior Galvanized Ceilings *(09 91 13 00-0179)*

Note: Linseed oil or acrylic latex paint.

09 91 13 00-0181	SF	1 Coat Primer, Brush Work, Paint Exterior Galvanized Ceiling	1.09	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0182	SF	1 Coat Paint, Brush Work, Paint Exterior Galvanized Ceiling	1.18	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0183	SF	2 Coats Paint, Brush Work, Paint Exterior Galvanized Ceiling	2.19	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 91 13 00-0184	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Ceiling	0.84	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0185	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling	0.93	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0186	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling	1.68	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0187	SF	1 Coat Primer, Sprayed, Paint Exterior Galvanized Ceiling	0.86	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0188	SF	1 Coat Paint, Sprayed, Paint Exterior Galvanized Ceiling	0.97	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0189	SF	2 Coats Paint, Sprayed, Paint Exterior Galvanized Ceiling	1.59	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	

09 91 13 00-0190 Paint Exterior Aluminum And Aluminum Alloy Ceilings *(09 91 13 00-0179)*

Note: Alkyd enamel paint.

09 91 13 00-0191	SF	1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.09	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0192	SF	1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.18	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0193	SF	2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	2.19	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 91 13 00-0194	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	0.95	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0195	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.04	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0196	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.90	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
09 91 13 00-0197	SF	1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	0.86	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0198	SF	1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	0.86	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0199	SF	2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.59	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0200		Paint Exterior Corrugated Metal Ceilings *(09 91 13 00-0179)*		
09 91 13 00-0201	SF	1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Ceiling	0.95	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0202	SF	1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling	1.06	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0203	SF	2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling	1.97	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.39*	
09 91 13 00-0204		Paint Exterior Floors *(09 91 13)*		

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0205		Paint Exterior Concrete Floors *(09 91 13 00-0204)*		
09 91 13 00-0206	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Floors And Decks	0.11	
		For Up To 100, Add	*0.07*	
		For >100 To 250, Add	*0.03*	
		For >250 To 500, Add	*0.01*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.02*	
09 91 13 00-0207	SF	1 Coat Primer, Brush Work, Paint Exterior Concrete Floors And Decks	0.65	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0208	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Floors And Decks	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0209	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Floors And Decks	1.33	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.15*	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0210	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	0.55	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0211	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0212	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	1.02	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.13*	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0213	SF	1 Coat Primer, Sprayed, Paint Exterior Concrete Floors And Decks	0.46	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.22*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0214	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Floors And Decks	0.53	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0215	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Floors And Decks	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.15*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0216	SF	1 Coat Non Slip Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	2.01	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 13 00-0217	SF	1 Coat Anti-Slip Paint, Single Component Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	4.94	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.25*	
		For >5,000 To 10,000, Deduct	*-0.49*	
		For >10,000 To 20,000, Deduct	*-0.74*	
		For >20,000, Deduct	*-0.99*	
09 91 13 00-0218	SF	1 Coat Anti-Slip Paint, High Performance Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	6.18	
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.36*	
		For >2,500 To 5,000, Deduct	*-0.31*	
		For >5,000 To 10,000, Deduct	*-0.62*	
		For >10,000 To 20,000, Deduct	*-0.93*	
		For >20,000, Deduct	*-1.24*	

09 91 13 00-0219 Paint Exterior Wood Floors *(09 91 13 00-0204)*

09 91 13 00-0220	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Floors And Decks	0.14	
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 13 00-0221	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Floors And Decks	0.82	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0222	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Floors And Decks	0.88	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0223	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Floors And Decks	1.66	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0224	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Floors And Decks	0.76	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0225	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks	0.82	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0226	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks	1.34	
		For Oil Based Paint, Add	*0.09*	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0227	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Floors And Decks	0.57	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0228	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Floors And Decks	0.70	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0229	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Floors And Decks	1.14	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0230	SF	1 Coat Non Slip Paint, Brush Work, Paint Exterior Wood Floors And Decks	2.11	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
09 91 13 00-0231	SF	1 Coat Non Slip Epoxy Paint, Brush Work, Paint Exterior Wood Floors And Decks	6.28	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.37*	
		For >2,500 To 5,000, Deduct	*-0.31*	
		For >5,000 To 10,000, Deduct	*-0.63*	
		For >10,000 To 20,000, Deduct	*-0.94*	
		For >20,000, Deduct	*-1.26*	

09 91 13 00-0232 Paint Exterior Doors And Windows *(09 91 13)*

09 91 13 00-0233 Paint Exterior Door Frames *(09 91 13 00-0232)*

09 91 13 00-0234	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	1.05	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.28*	
09 91 13 00-0235	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	1.35	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.36*	
09 91 13 00-0236	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	2.29	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.60*	
09 91 13 00-0237	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	1.08	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.29*	
09 91 13 00-0238	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	1.38	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.37*	
09 91 13 00-0239	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	2.33	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0240		**Paint Exterior Metal Doors** *(09 91 13 00-0232)*		
09 91 13 00-0241	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door	49.72	
		Note: One face		
		For Half Louvered Door, Add	*4.19*	
		For Full Louvered Door, Add	*6.99*	
		For Electrostatic Painting, Add	*8.24*	
		For >5 To 10, Deduct	*-2.49*	
		For >10 To 25, Deduct	*-4.97*	
		For >25, Deduct	*-7.46*	
09 91 13 00-0242	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	49.72	
		Note: One face		
		For Half Louvered Door, Add	*4.19*	
		For Full Louvered Door, Add	*6.99*	
		For Electrostatic Painting, Add	*8.24*	
		For >5 To 10, Deduct	*-2.49*	
		For >10 To 25, Deduct	*-4.97*	
		For >25, Deduct	*-7.46*	
09 91 13 00-0243	EA	2 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	90.48	
		Note: One face		
		For Half Louvered Door, Add	*7.08*	
		For Full Louvered Door, Add	*11.81*	
		For Electrostatic Painting, Add	*15.54*	
		For >5 To 10, Deduct	*-4.52*	
		For >10 To 25, Deduct	*-9.05*	
		For >25, Deduct	*-13.57*	
09 91 13 00-0244	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door	89.24	
		Note: Both faces		
		For Half Louvered Door, Add	*7.52*	
		For Full Louvered Door, Add	*12.53*	
		For Electrostatic Painting, Add	*14.79*	
		For >5 To 10, Deduct	*-4.46*	
		For >10 To 25, Deduct	*-8.92*	
		For >25, Deduct	*-13.39*	
09 91 13 00-0245	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	89.24	
		Note: Both faces		
		For Half Louvered Door, Add	*7.52*	
		For Full Louvered Door, Add	*12.53*	
		For Electrostatic Painting, Add	*14.79*	
		For >5 To 10, Deduct	*-4.46*	
		For >10 To 25, Deduct	*-8.92*	
		For >25, Deduct	*-13.39*	
09 91 13 00-0246	EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door	163.03	
		Note: Both faces		
		For Half Louvered Door, Add	*12.72*	
		For Full Louvered Door, Add	*21.20*	
		For Electrostatic Painting, Add	*28.04*	
		For >5 To 10, Deduct	*-8.15*	
		For >10 To 25, Deduct	*-16.30*	
		For >25, Deduct	*-24.45*	
09 91 13 00-0247	EA	1 Coat Primer, Sprayed, Paint Exterior Metal Door	47.46	
		Note: One face		
		For Half Louvered Door, Add	*3.53*	
		For Full Louvered Door, Add	*5.88*	
		For Electrostatic Painting, Add	*8.34*	
		For >5 To 10, Deduct	*-2.37*	
		For >10 To 25, Deduct	*-4.75*	
		For >25, Deduct	*-7.12*	
09 91 13 00-0248	EA	1 Coat Paint, Sprayed, Paint Exterior Metal Door	47.46	
		Note: One face		
		For Half Louvered Door, Add	*3.53*	
		For Full Louvered Door, Add	*5.88*	
		For Electrostatic Painting, Add	*8.34*	
		For >5 To 10, Deduct	*-2.37*	
		For >10 To 25, Deduct	*-4.75*	
		For >25, Deduct	*-7.12*	
09 91 13 00-0249	EA	2 Coats Paint, Sprayed, Paint Exterior Metal Door	87.30	
		Note: One face		
		For Half Louvered Door, Add	*5.96*	
		For Full Louvered Door, Add	*9.93*	
		For Electrostatic Painting, Add	*15.87*	
		For >5 To 10, Deduct	*-4.37*	
		For >10 To 25, Deduct	*-8.73*	
		For >25, Deduct	*-13.10*	
09 91 13 00-0250	EA	1 Coat Primer, Sprayed, Paint Exterior Metal Door	85.18	
		Note: Both faces		
		For Half Louvered Door, Add	*6.32*	
		For Full Louvered Door, Add	*10.54*	
		For Electrostatic Painting, Add	*14.97*	
		For >5 To 10, Deduct	*-4.26*	
		For >10 To 25, Deduct	*-8.52*	
		For >25, Deduct	*-12.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0251	EA	1 Coat Paint, Sprayed, Paint Exterior Metal Door	85.18	
		Note: Both faces		
		For Half Louvered Door, Add	*6.32*	
		For Full Louvered Door, Add	*10.54*	
		For Electrostatic Painting, Add	*14.97*	
		For >5 To 10, Deduct	*-4.26*	
		For >10 To 25, Deduct	*-8.52*	
		For >25, Deduct	*-12.78*	
09 91 13 00-0252	EA	2 Coats Paint, Sprayed, Paint Exterior Metal Door	157.40	
		Note: Both faces		
		For Half Louvered Door, Add	*10.70*	
		For Full Louvered Door, Add	*17.83*	
		For Electrostatic Painting, Add	*28.65*	
		For >5 To 10, Deduct	*-7.87*	
		For >10 To 25, Deduct	*-15.74*	
		For >25, Deduct	*-23.61*	
09 91 13 00-0253	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.28	
		For Electrostatic Painting, Add	*0.28*	
09 91 13 00-0254	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.42	
		For Electrostatic Painting, Add	*0.32*	
09 91 13 00-0255	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Section Door, Or Roll Up Door	4.94	
		For Electrostatic Painting, Add	*0.63*	
09 91 13 00-0256	SF	1 Coat Primer, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.58	
		For Electrostatic Painting, Add	*0.31*	
09 91 13 00-0257	SF	1 Coat Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.72	
		For Electrostatic Painting, Add	*0.35*	
09 91 13 00-0258	SF	2 Coats Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	5.26	
		For Electrostatic Painting, Add	*0.67*	

09 91 13 00-0259 Paint Exterior Wood Doors *(09 91 13 00-0232)*

09 91 13 00-0260	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door	44.14	
		Note: One face		
		For Half Louvered Door, Add	*4.19*	
		For Full Louvered Door, Add	*6.99*	
		For >5 To 10, Deduct	*-2.21*	
		For >10 To 25, Deduct	*-4.41*	
		For >25, Deduct	*-6.62*	
09 91 13 00-0261	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door	44.14	
		Note: One face		
		For Half Louvered Door, Add	*4.19*	
		For Full Louvered Door, Add	*6.99*	
		For >5 To 10, Deduct	*-2.21*	
		For >10 To 25, Deduct	*-4.41*	
		For >25, Deduct	*-6.62*	
09 91 13 00-0262	EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door	79.40	
		Note: One face		
		For Half Louvered Door, Add	*7.08*	
		For Full Louvered Door, Add	*11.81*	
		For >5 To 10, Deduct	*-3.97*	
		For >10 To 25, Deduct	*-7.94*	
		For >25, Deduct	*-11.91*	
09 91 13 00-0263	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door	79.22	
		Note: Both faces		
		For Half Louvered Door, Add	*7.52*	
		For Full Louvered Door, Add	*12.53*	
		For >5 To 10, Deduct	*-3.96*	
		For >10 To 25, Deduct	*-7.92*	
		For >25, Deduct	*-11.88*	
09 91 13 00-0264	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door	79.22	
		Note: Both faces		
		For Half Louvered Door, Add	*7.52*	
		For Full Louvered Door, Add	*12.53*	
		For >5 To 10, Deduct	*-3.96*	
		For >10 To 25, Deduct	*-7.92*	
		For >25, Deduct	*-11.88*	
09 91 13 00-0265	EA	2 Coats Paint, Brush Roller Work, Paint Exterior Wood Door	142.99	
		Note: Both faces		
		For Half Louvered Door, Add	*12.72*	
		For Full Louvered Door, Add	*21.20*	
		For >5 To 10, Deduct	*-7.15*	
		For >10 To 25, Deduct	*-14.30*	
		For >25, Deduct	*-21.45*	
09 91 13 00-0266	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door	41.32	
		Note: One face		
		For Half Louvered Door, Add	*3.53*	
		For Full Louvered Door, Add	*5.88*	
		For >5 To 10, Deduct	*-2.07*	
		For >10 To 25, Deduct	*-4.13*	
		For >25, Deduct	*-6.20*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0267	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door Note: One face	41.32	
		For Half Louvered Door, Add	*3.53*	
		For Full Louvered Door, Add	*5.88*	
		For >5 To 10, Deduct	*-2.07*	
		For >10 To 25, Deduct	*-4.13*	
		For >25, Deduct	*-6.20*	
09 91 13 00-0268	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door Note: One face	75.12	
		For Half Louvered Door, Add	*5.96*	
		For Full Louvered Door, Add	*9.93*	
		For >5 To 10, Deduct	*-3.76*	
		For >10 To 25, Deduct	*-7.51*	
		For >25, Deduct	*-11.27*	
09 91 13 00-0269	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door Note: Both faces	74.16	
		For Half Louvered Door, Add	*6.32*	
		For Full Louvered Door, Add	*10.54*	
		For >5 To 10, Deduct	*-3.71*	
		For >10 To 25, Deduct	*-7.42*	
		For >25, Deduct	*-11.12*	
09 91 13 00-0270	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door Note: Both faces	74.16	
		For Half Louvered Door, Add	*6.32*	
		For Full Louvered Door, Add	*10.54*	
		For >5 To 10, Deduct	*-3.71*	
		For >10 To 25, Deduct	*-7.42*	
		For >25, Deduct	*-11.12*	
09 91 13 00-0271	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door Note: Both faces	135.35	
		For Half Louvered Door, Add	*10.70*	
		For Full Louvered Door, Add	*17.83*	
		For >5 To 10, Deduct	*-6.77*	
		For >10 To 25, Deduct	*-13.54*	
		For >25, Deduct	*-20.30*	
09 91 13 00-0272	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.20	
09 91 13 00-0273	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.29	
09 91 13 00-0274	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	4.70	
09 91 13 00-0275	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.48	
09 91 13 00-0276	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.59	
09 91 13 00-0277	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	5.01	
09 91 13 00-0278		Paint Exterior Metal Windows *(09 91 13 00-0232)* Note: Two finish coats paint over rust inhibitive primer.		
09 91 13 00-0279	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	77.12	
		For Electrostatic Painting, Add	*9.88*	
		For >5 To 10, Deduct	*-3.86*	
		For >10 To 25, Deduct	*-7.71*	
		For >25, Deduct	*-11.57*	
09 91 13 00-0280	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	94.63	
		For Electrostatic Painting, Add	*12.82*	
		For >5 To 10, Deduct	*-4.73*	
		For >10 To 25, Deduct	*-9.46*	
		For >25, Deduct	*-14.19*	
09 91 13 00-0281	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	128.12	
		For Electrostatic Painting, Add	*17.57*	
		For >5 To 10, Deduct	*-6.41*	
		For >10 To 25, Deduct	*-12.81*	
		For >25, Deduct	*-19.22*	
09 91 13 00-0282	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	144.33	
		For Electrostatic Painting, Add	*19.81*	
		For >5 To 10, Deduct	*-7.22*	
		For >10 To 25, Deduct	*-14.43*	
		For >25, Deduct	*-21.65*	
09 91 13 00-0283	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	159.96	
		For Electrostatic Painting, Add	*21.92*	
		For >5 To 10, Deduct	*-8.00*	
		For >10 To 25, Deduct	*-16.00*	
		For >25, Deduct	*-23.99*	
09 91 13 00-0284	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	5.07	
		For Electrostatic Painting, Add	*0.69*	
09 91 13 00-0285		Paint Exterior Wood Windows *(09 91 13 00-0232)* Note: Two finish coats paint over primer.		
09 91 13 00-0286	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	73.41	
		For >5 To 10, Deduct	*-3.67*	
		For >10 To 25, Deduct	*-7.34*	
		For >25, Deduct	*-11.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0287	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	88.90	
		For >5 To 10, Deduct	*-4.45*	
		For >10 To 25, Deduct	*-8.89*	
		For >25, Deduct	*-13.34*	
09 91 13 00-0288	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	119.99	
		For >5 To 10, Deduct	*-6.00*	
		For >10 To 25, Deduct	*-12.00*	
		For >25, Deduct	*-18.00*	
09 91 13 00-0289	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	135.14	
		For >5 To 10, Deduct	*-6.76*	
		For >10 To 25, Deduct	*-13.51*	
		For >25, Deduct	*-20.27*	
09 91 13 00-0290	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	149.85	
		For >5 To 10, Deduct	*-7.49*	
		For >10 To 25, Deduct	*-14.99*	
		For >25, Deduct	*-22.48*	
09 91 13 00-0291	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	5.00	
09 91 13 00-0292		**Paint Exterior Security Screens** *(09 91 13 00-0232)*		
09 91 13 00-0293	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Security Screen	1.34	
		For Electrostatic Painting, Add	*0.18*	
09 91 13 00-0294	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Security Screen	1.35	
		For Electrostatic Painting, Add	*0.17*	
09 91 13 00-0295	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Security Screen	2.24	
		For Electrostatic Painting, Add	*0.29*	
09 91 13 00-0296		**Paint Exterior Window Guards** *(09 91 13 00-0232)*		
09 91 13 00-0297	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Guards	1.34	
09 91 13 00-0298	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Guards	1.35	
09 91 13 00-0299	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Guards	2.24	
09 91 13 00-0300		**Paint Exterior Window Trim** *(09 91 13 00-0232)*		
09 91 13 00-0301	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.20	
09 91 13 00-0302	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.20	
09 91 13 00-0303	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.95	
09 91 13 00-0304	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	1.44	
09 91 13 00-0305	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	1.44	
09 91 13 00-0306	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal WIndow Frame And Trim	2.44	
09 91 13 00-0307		**Paint Exterior Roofing And Trim** *(09 91 13)*		
09 91 13 00-0308		**Paint Stain Or Seal Wood Roofing** *(09 91 13 00-0307)*		
09 91 13 00-0309	SF	1 Coat Paint, Brush/Roller Work, Stain And Seal Shingles/Shake	1.74	
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
09 91 13 00-0310	SF	2 Coats Stain, Brush/Roller Work, Stain And Seal Shingles/Shake	3.20	
		For Up To 100, Add	*1.58*	
		For >100 To 250, Add	*0.78*	
		For >250 To 500, Add	*0.34*	
09 91 13 00-0311		**Paint Metal Roofing** *(09 91 13 00-0307)*		
09 91 13 00-0312	SF	1 Coat Paint, Brush/Roller Work, Paint Metal Roofing	0.81	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0313	SF	2 Coats Paint, Brush/Roller Work, Paint Metal Roofing	1.42	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 91 13 00-0314	SF	1 Coat Epoxy Polyamide Cured Resin Primer, Sprayed, Paint Metal Roof	0.85	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0315	SF	1 Coat Aliphatic Polyurethane, Sprayed, Paint Metal Roof	0.83	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0316		**Paint Fascia Board** *(09 91 13 00-0307)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0317	LF	1 Coat Primer, Brush/Roller Work, Paint Fascia Board	0.71	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0318	LF	1 Coat Paint, Brush/Roller Work, Paint Fascia Board	0.71	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0319	LF	2 Coats Paint, Brush/Roller Work, Paint Fascia Board	1.24	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
09 91 13 00-0320		**Paint Soffit** *(09 91 13 00-0307)*		
09 91 13 00-0321	SF	1 Coat Primer, Brush/Roller Work, Paint Soffit	0.85	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0322	SF	1 Coat Paint, Brush/Roller Work, Paint Soffit	0.85	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0323	SF	2 Coats Paint, Brush/Roller Work, Paint Soffit	1.45	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
09 91 13 00-0324		**Special Coatings For Metal Roofs** *(09 91 13 00-0307)*		
09 91 13 00-0325	SF	Carboline Carboxane 950 Coating System With 15 year warranty	11.11	
09 91 13 00-0326	SF	Carboline Carbothane 134HG Coating System With 1 year warranty	6.79	
09 91 13 00-0327		**Acrylic Elastomeric Coating For All Types Of Roofs** *(09 91 13 00-0307)*		
		Note: Solar reflectance: 0.90/0.84 after 3 years (from www.energy-star.gov).		
09 91 13 00-0328	SF	2 Coats (20 Mil), Cool Roof Acrylic Elastomeric Roof Coating	2.06	
		For Each Coat Of Primer, Add	*0.44*	
09 91 13 00-0329		**Acrylic Latex Elastomeric Coating For All Types Of Roofs** *(09 91 13 00-0307)*		
		Note: (Henry)		
09 91 13 00-0330	SF	1 Coat, Premium Gray Elastomeric Roof Base Coating (Henry 291)	1.27	
09 91 13 00-0331	SF	1 Coat, White Acrylic Latex Roof Coating (Henry 280DC)	1.15	
09 91 13 00-0332	SF	1 Coat , White Elastomeric Roof Coating (Henry SolarFlex 287)	1.01	
09 91 13 00-0333		**Acrylic Coating For All Types Of Roofs** *(09 91 13 00-0307)*		
		Note: (GAF)		
09 91 13 00-0334	SF	1 Coat, Water Based, Acrylic Elastomeric Roof Base Coating (GAF Roof Mate™ Base Coat)	0.99	
09 91 13 00-0335	SF	1 Coat, Water Based, Acrylic Elastomeric Roof Top Coating (GAF Roof Mate™ Top Coat)	1.15	
09 91 13 00-0336		**Paint Metal Surfaces** *(09 91 13)*		
		Note: Tasks can be used for exterior or interior applications.		
09 91 13 00-0337		**Paint Structural Steel** *(09 91 13 00-0336)*		
09 91 13 00-0338		**Paint Structural Steel, Brush Work** *(09 91 13 00-0337)*		
09 91 13 00-0339	SF	1 Field Coat Primer, Brush/Roller Work, Paint Exterior Structural Steel	0.93	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0340	SF	1 Field Coat Paint, Brush/Roller Work, Paint Exterior Structural Steel	0.82	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0341		**Paint Structural Steel, Spray Work** *(09 91 13 00-0337)*		
09 91 13 00-0342	SF	1 Field Coat Primer, Sprayed, Paint Exterior Structural Steel	0.70	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0343	SF	1 Field Coat Paint, Sprayed, Paint Exterior Structural Steel	0.59	
		For Electrostatic Painting, Add	*0.09*	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For Epoxy Paint, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0344		**Paint Metal Decking, Beams And Bar Joist** *(09 91 13 00-0337)*		
09 91 13 00-0345	SF	1 Coat Primer, Sprayed, Paint Exposed Metal Decking	0.79	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0346	SF	1 Coat Paint, Sprayed, Paint Exposed Metal Decking	0.79	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0347	SF	2 Coats Paint, Sprayed, Paint Exposed Metal Decking	1.34	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For Epoxy Paint, Add	*0.19*	
09 91 13 00-0348	SF	1 Coat Primer, Brush/Roller Work, Paint Metal Bearms And Bar Joists	1.14	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For Epoxy Paint, Add	*0.18*	
09 91 13 00-0349	SF	1 Coat Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists	1.11	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0350	SF	2 Coats Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists	2.10	
		For Up To 100, Add	*1.14*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For Epoxy Paint, Add	*0.32*	
09 91 13 00-0351	SF	1 Coat Primer, Sprayed, Paint Metal Beams And Bar Joists	0.99	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0352	SF	1 Coat Paint, Sprayed, Paint Metal Beams And Bar Joists	0.99	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0353	SF	2 Coats Paint, Sprayed, Paint Metal Beams And Bar Joists	1.67	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For Epoxy Paint, Add	*0.27*	
09 91 13 00-0354		**Paint Steel Pipes** *(09 91 13 00-0336)*		
		Note: Includes pipe, tubes, rails, conduit, etc.		
09 91 13 00-0355	LF	1 Coat Primer, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	1.53	
		For Electrostatic Painting, Add	*0.20*	
		For Epoxy Paint, Add	*0.17*	
09 91 13 00-0356	LF	1 Coat Primer, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	1.71	
		For Electrostatic Painting, Add	*0.23*	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0357	LF	1 Coat Primer, 4" Diameter, Paint Steel Pipes	1.92	
		For Electrostatic Painting, Add	*0.26*	
		For Epoxy Paint, Add	*0.22*	
09 91 13 00-0358	LF	1 Coat Primer, 6" To 8" Diameter, Paint Steel Pipes	2.40	
		For Electrostatic Painting, Add	*0.32*	
		For Epoxy Paint, Add	*0.27*	
09 91 13 00-0359	LF	1 Coat Primer, 10" To 12" Diameter, Paint Steel Pipes	3.04	
		For Electrostatic Painting, Add	*0.40*	
		For Epoxy Paint, Add	*0.34*	
09 91 13 00-0360	LF	1 Coat Paint, 1/2"To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	1.53	
		For Electrostatic Painting, Add	*0.20*	
		For Epoxy Paint, Add	*0.17*	
09 91 13 00-0361	LF	1 Coat Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	1.71	
		For Electrostatic Painting, Add	*0.23*	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0362	LF	1 Coat Paint, 4" Diameter, Paint Steel Pipes	1.92	
		For Electrostatic Painting, Add	*0.26*	
		For Epoxy Paint, Add	*0.22*	
09 91 13 00-0363	LF	1 Coat Paint, 6" To 8" Diameter, Paint Steel Pipes	2.40	
		For Electrostatic Painting, Add	*0.32*	
		For Epoxy Paint, Add	*0.27*	
09 91 13 00-0364	LF	1 Coat Paint, 10" To 12" Diameter, Paint Steel Pipes	3.04	
		For Electrostatic Painting, Add	*0.40*	
		For Epoxy Paint, Add	*0.34*	
09 91 13 00-0365	LF	2 Coats Paint, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	3.13	
		For Electrostatic Painting, Add	*0.44*	
		For Epoxy Paint, Add	*0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0366	LF	2 Coats Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	3.41	
		For Electrostatic Painting, Add	*0.45*	
		For Epoxy Paint, Add	*0.39*	
09 91 13 00-0367	LF	2 Coats Paint, 4" Diameter, Paint Steel Pipes	3.70	
		For Electrostatic Painting, Add	*0.49*	
		For Epoxy Paint, Add	*0.43*	
09 91 13 00-0368	LF	2 Coats Paint, 6" To 8" Diameter, Paint Steel Pipes	4.66	
		For Electrostatic Painting, Add	*0.62*	
		For Epoxy Paint, Add	*0.54*	
09 91 13 00-0369	LF	2 Coats Paint, 10" To 12" Diameter, Paint Steel Pipes	5.75	
		For Electrostatic Painting, Add	*0.77*	
		For Epoxy Paint, Add	*0.67*	
09 91 13 00-0370	EA	1 Coat Paint, Paint Exposed Single Or Double Gang Outlet Box	7.26	
		For Electrostatic Painting, Add	*0.77*	
		For Epoxy Paint, Add	*0.46*	
09 91 13 00-0371		**Paint Metal Louvers** *(09 91 13 00-0336)*		
09 91 13 00-0372	SF	1 Coat Primer, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	1.26	
		For Electrostatic Painting, Add	*0.15*	
09 91 13 00-0373	SF	1 Coat Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	1.28	
		For Electrostatic Painting, Add	*0.16*	
09 91 13 00-0374	SF	2 Coats Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	2.64	
		For Electrostatic Painting, Add	*0.33*	
09 91 13 00-0375		**Paint Ladders** *(09 91 13 00-0336)*		
09 91 13 00-0376	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Ladders	3.39	
		For Epoxy Paint, Add	*0.22*	
09 91 13 00-0377	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders	3.79	
		For Epoxy Paint, Add	*0.24*	
09 91 13 00-0378	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders	7.43	
		For Epoxy Paint, Add	*0.43*	
09 91 13 00-0379		**Paint Handrails** *(09 91 13 00-0336)*		
09 91 13 00-0380	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	1.37	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0381	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	1.52	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0382	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	2.48	
		For Epoxy Paint, Add	*0.17*	
09 91 13 00-0383	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	2.58	
		For Epoxy Paint, Add	*0.35*	
09 91 13 00-0384	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	2.81	
		For Epoxy Paint, Add	*0.36*	
09 91 13 00-0385	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	4.79	
		For Epoxy Paint, Add	*0.57*	
09 91 13 00-0386	LF	1 Coat Alkyd Primer, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	2.77	
		For Epoxy Paint, Add	*0.36*	
09 91 13 00-0387	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	3.02	
		For Epoxy Paint, Add	*0.37*	
09 91 13 00-0388	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	5.06	
		For Epoxy Paint, Add	*0.59*	
09 91 13 00-0389	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Balustrades	1.54	
		For Epoxy Paint, Add	*0.19*	
09 91 13 00-0390	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades	1.68	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0391	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades	3.08	
		For Epoxy Paint, Add	*0.38*	
09 91 13 00-0392		**Paint Grating** *(09 91 13 00-0336)*		
09 91 13 00-0393	SF	1 Coat Primer, Brush/Roller Work, Paint Gratings And Frames	2.48	
		For Epoxy Paint, Add	*0.17*	
09 91 13 00-0394	SF	1 Coat Paint, Brush/Roller Work, Paint Gratings And Frames	2.53	
		For Epoxy Paint, Add	*0.19*	
09 91 13 00-0395	SF	2 Coats Paint, Brush/Roller Work, Paint Gratings And Frames	3.81	
		For Epoxy Paint, Add	*0.32*	
09 91 13 00-0396		**Equipment And Tanks** *(09 91 13 00-0336)*		
09 91 13 00-0397		**Paint Valves** *(09 91 13 00-0396)*		
		Note: Includes 1 coat primer and 1 coat paint finish		
09 91 13 00-0398	EA	Prime And Paint 4" And Smaller Valve	26.51	
09 91 13 00-0399	EA	Prime And Paint 6" To 10" Valve	32.61	
09 91 13 00-0400	EA	Prime And Paint 12" To 18" Valve	42.80	
09 91 13 00-0401	EA	Prime And Paint 20" To 24" Valve	57.06	
09 91 13 00-0402	EA	Prime And Paint >24" To 36" Valve	77.45	
09 91 13 00-0403	EA	Prime And Paint >36" To 48" Valve	105.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0404		**Paint Pumps And Motors** *(09 91 13 00-0396)* Note: Includes 1 coat primer and 1 coat paint finish		
09 91 13 00-0405	EA	Prime And Paint Pump Under 1 HP	81.54	
09 91 13 00-0406	EA	Prime And Paint Pump, 1 HP To 5 HP	108.05	
09 91 13 00-0407	EA	Prime And Paint Pump, >5 HP To 10 HP	130.49	
09 91 13 00-0408	EA	Prime And Paint Pump, >10 HP To 20 HP	146.82	
09 91 13 00-0409	EA	Prime And Paint Pump, >20 HP To 30 HP	171.30	
09 91 13 00-0410	EA	Prime And Paint Pump, >30 HP To 50 HP	195.76	
09 91 13 00-0411	EA	Prime And Paint Pump, >50 HP To 75 HP	216.16	
09 91 13 00-0412	EA	Prime And Paint Pump, >75 HP	244.70	
09 91 13 00-0413		**Paint Storage Tanks** *(09 91 13 00-0396)*		
09 91 13 00-0414	SF	1 Coat Primer, Roller, Paint Storage Tank, Exterior Surface	1.04	
09 91 13 00-0415	SF	1 Coat Paint, Roller, Paint Storage Tank, Exterior Surface	1.39	
09 91 13 00-0416	SF	2 Coats Paint, Roller, Paint Storage Tank, Exterior Surface	2.66	
09 91 13 00-0417	SF	1 Coat Primer, Roller, Paint Storage Tank, Interior Surface	1.39	
09 91 13 00-0418	SF	1 Coat Paint, Roller, Paint Storage Tank, Interior Surface	1.77	
09 91 13 00-0419	SF	2 Coats Paint, Roller, Paint Storage Tank, Interior Surface	3.42	
09 91 13 00-0420	SF	1 Coat Primer, Sprayed, Paint Storage Tank, Exterior Surface	1.13	
09 91 13 00-0421	SF	1 Coat Paint, Sprayed, Paint Storage Tank, Exterior Surface	1.40	
09 91 13 00-0422	SF	2 Coats Paint, Sprayed, Paint Storage Tank, Exterior Surface	2.75	
09 91 13 00-0423	SF	1 Coat Primer, Sprayed, Paint Storage Tank, Interior Surface	1.30	
09 91 13 00-0424	SF	1 Coat Paint, Sprayed, Paint Storage Tank, Interior Surface	1.72	
09 91 13 00-0425	SF	2 Coats Paint, Sprayed, Paint Storage Tank, Interior Surface	3.33	
09 91 13 00-0426		**Other Site Work Painting** *(09 91 13)*		
09 91 13 00-0427		**Paint Fencing** *(09 91 13 00-0426)* Note: Per side of fence. Based on gross fence area (length of fence x height of fence).		
09 91 13 00-0428	SF	1 Coat Paint, Brush/Roller, Paint Existing Chain Link Fence	0.76	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0429	SF	2 Coats Paint, Brush/Roller, Paint Existing Chain Link Fence	1.44	
		For Epoxy Paint, Add	*0.18*	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
09 91 13 00-0430	SF	1 Coat Paint, Sprayed, Paint Existing Chain Link Fence	0.72	
		For Epoxy Paint, Add	*0.11*	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0431	SF	2 Coats Paint, Sprayed, Paint Existing Chain Link Fence	1.35	
		For Epoxy Paint, Add	*0.21*	
		For Electrostatic Painting, Add	*0.20*	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
09 91 13 00-0432	SF	1 Coat Primer, Brush/Roller, Paint Wrought Iron Fence	0.71	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0433	SF	1 Coat Paint, Brush/Roller, Paint Wrought Iron Fence	0.66	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0434	SF	Each Additional Coat, Brush/Roller, Paint Wrought Iron Fence	0.48	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.25*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
09 91 13 00-0435	SF	1 Coat Primer, Brush/Roller, Paint Picket Fence	0.87	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
09 91 13 00-0436	SF	1 Coat Paint, Brush/Roller, Paint Picket Fence	0.87	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
09 91 13 00-0437	SF	Each Additional Coat, Brush/Roller, Paint Picket Fence	0.62	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0438	SF	1 Coat Paint, Brush/Roller, Paint Wood Fences	0.65	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0439	SF	2 Coats Paint, Brush/Roller, Paint Wood Fences	1.17	
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 91 13 00-0440	SF	1 Coat Paint, Sprayed, Paint Wood Fences	0.53	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
09 91 13 00-0441	SF	2 Coats Paint, Sprayed, Paint Wood Fences	1.01	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
09 91 13 00-0442		**Paint Shutters Or Blinds, Solid Panel** *(09 91 13 00-0426)*		
09 91 13 00-0443	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Solid Panel	2.67	
09 91 13 00-0444	SF	1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel	2.68	
09 91 13 00-0445	SF	2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel	4.76	
09 91 13 00-0446	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Solid Panel	1.71	
09 91 13 00-0447	SF	1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel	1.72	
09 91 13 00-0448	SF	2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel	3.19	
09 91 13 00-0449		**Paint Shutters Or Blinds, Louvered Panel** *(09 91 13 00-0426)*		
09 91 13 00-0450	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Louvered Panel	3.29	
09 91 13 00-0451	SF	1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel	3.30	
09 91 13 00-0452	SF	2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel	5.87	
09 91 13 00-0453	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Louvered Panel	2.08	
09 91 13 00-0454	SF	1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel	2.09	
09 91 13 00-0455	SF	2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel	3.86	
09 91 13 00-0456		**Paint Flagpoles** *(09 91 13 00-0426)*		
09 91 13 00-0457	EA	1 Coat Paint, 20' High, Paint Steel Flagpole	212.10	
09 91 13 00-0458	EA	1 Coat Paint, 30' High, Paint Steel Flagpole	285.99	
09 91 13 00-0459	EA	1 Coat Paint, 40' High, Paint Steel Flagpole	359.93	
09 91 13 00-0460	EA	1 Coat Paint, 50' High, Paint Steel Flagpole	433.88	
09 91 13 00-0461	EA	1 Coat Paint, 70' High, Paint Steel Flagpole	574.63	
09 91 13 00-0462	EA	1 Coat Paint, 80' High, Paint Steel Flagpole	647.68	
09 91 13 00-0463	EA	1 Coat Paint, 90' High, Paint Steel Flagpole	720.75	
09 91 13 00-0464		**Paint Lattice Or Trellis** *(09 91 13 00-0426)*		
09 91 13 00-0465	SF	1 Coat Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis	1.34	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.18*	
09 91 13 00-0466	SF	2 Coats Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis	2.48	
		For Up To 100, Add	*1.66*	
		For >100 To 250, Add	*0.78*	
		For >250 To 500, Add	*0.34*	
09 91 13 00-0467		**Paint Exterior Stairs** *(09 91 13)*		
09 91 13 00-0468		**Paint Exterior Concrete Stairs** *(09 91 13 00-0467)*		
09 91 13 00-0469	RSR	1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	14.64	
09 91 13 00-0470	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	14.64	
09 91 13 00-0471	RSR	1 Coat Non Slip Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	20.45	
09 91 13 00-0472	RSR	1 Coat Non Slip Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	37.13	
09 91 13 00-0473	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	29.28	
09 91 13 00-0474		**Paint Exterior Metal Stairs** *(09 91 13 00-0467)*		
09 91 13 00-0475	RSR	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)	7.82	
		For Oil Based Paint, Add	*0.43*	
09 91 13 00-0476	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)	7.82	
		For Oil Based Paint, Add	*0.43*	
09 91 13 00-0477	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)	15.63	
		For Oil Based Paint, Add	*0.86*	
09 91 13 00-0478		**Paint Exterior Wood Stairs** *(09 91 13 00-0467)*		
09 91 13 00-0479	RSR	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	7.62	
09 91 13 00-0480	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	7.61	
09 91 13 00-0481	RSR	1 Coat Non Slip Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	13.42	
09 91 13 00-0482	RSR	1 Coat Non Slip Epoxy Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	30.10	
09 91 13 00-0483	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	15.22	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0484		**Paint Exterior Stair Nosing** *(09 91 13 00-0467)*		
09 91 13 00-0485	LF	1 Coat Paint, Up To 2", Non Slip, Brush Work, Paint Exterior Yellow Stair Safety Strip	1.43	
09 91 13 00-0486		**Paint Exterior Trim** *(09 91 13)*		
09 91 13 00-0487		**Paint Exterior Metal Trim And Gutters** *(09 91 13 00-0486)*		
09 91 13 00-0488	SF	1 Coat Primer, Brush Work, Paint Exterior Exposed Metal Trim	1.04	
09 91 13 00-0489	SF	1 Coat Paint, Brush Work, Paint Exterior Exposed Metal Trim	1.13	
09 91 13 00-0490	SF	2 Coats Paint, Brush Work, Paint Exterior Exposed Metal Trim	2.03	
09 91 13 00-0491	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Exposed Metal Trim	0.95	
09 91 13 00-0492	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim	1.03	
09 91 13 00-0493	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim	1.83	
09 91 13 00-0494	LF	1 Coat Paint, Brush Work, Paint Exterior Gutter And Downspout	1.62	
09 91 13 00-0495	LF	2 Coats Paint, Brush Work, Paint Exterior Gutter And Downspout	2.00	
09 91 13 00-0496		**Paint Exterior Wood Trim** *(09 91 13 00-0486)*		
09 91 13 00-0497	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Trim	1.46	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0498	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Trim	1.58	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0499	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Trim	2.88	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.88*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.21*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.75*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.36*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.29*	
		For >10,000 To 20,000, Deduct	*-0.43*	
		For >20,000, Deduct	*-0.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0500	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Trim	1.16	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0501	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Trim	1.30	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0502	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Trim	2.41	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
09 91 13 00-0503	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Trim	0.99	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0504	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Trim	1.11	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0505	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Trim	2.08	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	

09 91 13 00-0506 Paint Exterior Miscellaneous Metal Surfaces *(09 91 13)*

09 91 13 00-0507	SF	1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	1.25	
		For Epoxy Paint, Add	*0.16*	
		For Electrostatic Painting, Add	*0.17*	
09 91 13 00-0508	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	1.14	
		For Epoxy Paint, Add	*0.12*	
		For Electrostatic Painting, Add	*0.15*	
09 91 13 00-0509	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	2.31	
		For Epoxy Paint, Add	*0.25*	
		For Electrostatic Painting, Add	*0.30*	

09 91 23 Interior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated. VOC compliant in all regulated areas, review specifications for levels. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss. See CSI section 09 91 13 00-0336 for additional interior materials.

09 91 23 00-0001 Paint Interior Walls *(09 91 23)*

09 91 23 00-0002 Paint Interior Brick Walls *(09 91 23 00-0001)*

09 91 23 00-0003	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Brick Walls	0.18	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 23 00-0004	SF	1 Coat Filler, Brush Work, Paint Interior Brick Walls	0.96	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0005	SF	1 Coat Paint, Brush Work, Paint Interior Brick Walls	1.10	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0006	SF	2 Coat Paint, Brush Work, Paint Interior Brick Walls	1.98	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 23 00-0007	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Brick Walls	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0008	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Brick Walls	0.99	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0009	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Brick Walls	1.71	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0010	SF	1 Coat Filler, Sprayed, Paint Interior Brick Walls	0.73	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Backroll, Add	*0.09*	
09 91 23 00-0011	SF	1 Coat Paint, Sprayed, Paint Interior Brick Walls	0.82	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.09*	
09 91 23 00-0012	SF	2 Coats Paint, Sprayed, Paint Interior Brick Walls	1.41	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
		For Backroll, Add	*0.15*	
09 91 23 00-0013	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Brick Walls	0.99	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0014	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Brick Walls	0.82	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0015	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Brick Walls	0.77	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
		For Backroll, Add	*0.09*	
09 91 23 00-0016		Paint Interior Concrete Walls *(09 91 23 00-0001)*		
09 91 23 00-0017	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Walls	0.14	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0018	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Walls	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0019	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Walls	0.87	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0020	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Walls	1.61	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 23 00-0021	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Walls	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0022	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Walls	0.74	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0023	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Walls	1.35	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0024	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Walls	0.59	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Backroll, Add	*0.07*	
09 91 23 00-0025	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Walls	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	
09 91 23 00-0026	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Walls	1.07	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Backroll, Add	*0.13*	
09 91 23 00-0027	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Walls	0.84	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0028	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Walls	0.69	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0029	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Walls	0.62	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Backroll, Add	*0.07*	

09 91 23 00-0030 Paint Interior Concrete Block Walls *(09 91 23 00-0001)*

09 91 23 00-0031 Paint Interior Concrete Block Walls, Epoxy Paint *(09 91 23 00-0030)*

09 91 23 00-0032	LF	1 Coat Epoxy Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls	0.47	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.17*	
		For >100 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
09 91 23 00-0033	SF	1 Coat Epoxy Filler, Brush Work, Paint Interior Concrete Block Walls	1.14	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0034	SF	1 Coat Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	1.31	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0035	SF	2 Coats Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	2.36	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.96*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	
09 91 23 00-0036	SF	1 Coat Epoxy Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	0.95	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0037	SF	1 Coat Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.04	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0038	SF	2 Coats Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.97	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.39*	
09 91 23 00-0039	SF	1 Coat Epoxy Filler, Sprayed, Paint Interior Concrete Block Walls	0.81	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0040	SF	1 Coat Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls	0.99	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Backroll, Add	*0.11*	
09 91 23 00-0041	SF	2 Coats Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls	1.81	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
		For Backroll, Add	*0.19*	

09 91 23 00-0042 Paint Interior Concrete Block Walls, Acrylic Latex Paint *(09 91 23 00-0030)*

09 91 23 00-0043	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls	0.21	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.13*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 23 00-0044	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Block Walls	1.04	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0045	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Block Walls	1.24	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0046	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Block Walls	2.26	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.94*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	
09 91 23 00-0047	SF	1 Coat Texture Paint, Brush Work, Paint Interior Concrete Block Walls	1.38	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0048	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	0.89	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0049	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.05	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0050	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls	1.90	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
09 91 23 00-0051	SF	1 Coat Texture Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.18	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0052	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Block Walls	0.82	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.10*	
09 91 23 00-0053	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Block Walls	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
		For Backroll, Add	*0.11*	
09 91 23 00-0054	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls	1.32	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
		For Backroll, Add	*0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0055	SF	1 Coat Texture Paint, Sprayed, Paint Interior Concrete Block Walls	1.10	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
		For Backroll, Add	*0.12*	
09 91 23 00-0056		Paint Interior Concrete Block Walls With Bonding Agent *(09 91 23 00-0030)*		
09 91 23 00-0057	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Block Walls	1.07	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0058	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Block Walls	0.92	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0059	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Block Walls	0.87	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Backroll, Add	*0.10*	
09 91 23 00-0060		Paint Interior Plaster/Drywall Walls *(09 91 23 00-0001)*		
09 91 23 00-0061		Paint Interior Plaster/Drywall Walls *(09 91 23 00-0060)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0062	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Plaster/Drywall Walls	0.14	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0063	SF	1 Coat Primer, Brush Work, Paint Iinterior Plaster/Drywall Walls	0.85	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0064	SF	1 Coat Paint, Brush Work, Paint Interior Plaster/Drywall Walls	0.89	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0065	SF	2 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls	1.62	
		For Oil Based Paint, Add	*0.09*	
		For Orange Peel Finish, Add	*0.23*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0066	SF	3 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls	2.32	
		For Oil Based Paint, Add	*0.14*	
		For Orange Peel Finish, Add	*0.32*	
		For Epoxy Paint, Add	*0.24*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.05*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.49*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.46*	
09 91 23 00-0067	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.09*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0068	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	0.76	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.10*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0069	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	1.37	
		For Oil Based Paint, Add	*0.08*	
		For Orange Peel Finish, Add	*0.19*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0070	SF	1 Coat Primer, Sprayed, Paint Interior Plaster/Drywall Walls	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Backroll, Add	*0.07*	
09 91 23 00-0071	SF	1 Coat Paint, Sprayed, Paint Interior Plaster/Drywall Walls	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
		For Backroll, Add	*0.08*	
09 91 23 00-0072	SF	2 Coats Paint, Sprayed, Paint Interior Plaster/Drywall Walls	1.07	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Backroll, Add	*0.13*	

09 91 23 00-0073 Paint Interior Plaster/Drywall Or Masonry Walls With Polymix Multi-Color Paint *(09 91 23 00-0060)*

09 91 23 00-0074	SF	2 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	1.88	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0075	SF	3 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	2.05	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 23 00-0076	SF	4 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	2.22	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	

09 91 23 00-0077 Paint Interior Plaster/Drywall Walls, Acoustic Texture *(09 91 23 00-0060)*

09 91 23 00-0078	SF	1 Coat Primer, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	0.75	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0079	SF	1 Coat Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	0.88	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0080	SF	2 Coats Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	1.40	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0081	SF	Stipple Finish (Drippowder), Paint Interior Plaster/Drywall Walls	1.33	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0082		Paint Interior Metal Walls *(09 91 23 00-0001)*		
09 91 23 00-0083		Paint Interior Galvanized Walls *(09 91 23 00-0082)*		
		Note: Linseed oil or acrylic latex paint.		
09 91 23 00-0084	SF	1 Coat Primer, Brush Work, Paint Interior Galvanized Wall Surfaces	1.07	
		For Electrostatic Painting, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0085	SF	1 Coat Paint, Brush Work, Paint Interior Galvanized Wall Surfaces	1.17	
		For Electrostatic Painting, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0086	SF	2 Coats Paint, Brush Work, Paint Interior Galvanized Wall Surfaces	2.14	
		For Electrostatic Painting, Add	*0.31*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0087	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Walls	0.80	
		For Electrostatic Painting, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0088	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Wall	0.92	
		For Electrostatic Painting, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0089	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Walls	1.73	
		For Electrostatic Painting, Add	*0.26*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0090	SF	1 Coat Primer, Sprayed, Paint Interior Galvanized Walls	0.71	
		For Electrostatic Painting, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.07*	
09 91 23 00-0091	SF	1 Coat Paint, Sprayed, Paint Interior Galvanized Walls	0.92	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Backroll, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0092	SF	2 Coats Paint, Sprayed, Paint Interior Galvanized Walls	1.55	
		For Electrostatic Painting, Add	*0.27*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
		For Backroll, Add	*0.16*	
09 91 23 00-0093		Paint Interior Aluminum And Aluminum Alloy Walls *(09 91 23 00-0082)*		
		Note: Alkyd enamel paint.		
09 91 23 00-0094	SF	1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	1.07	
		For Electrostatic Painting, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0095	SF	1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	1.17	
		For Electrostatic Painting, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0096	SF	2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	2.14	
		For Electrostatic Painting, Add	*0.31*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0097	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	0.91	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0098	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	1.01	
		For Electrostatic Painting, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0099	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	1.92	
		For Electrostatic Painting, Add	*0.30*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
09 91 23 00-0100	SF	1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	0.78	
		For Electrostatic Painting, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.08*	
09 91 23 00-0101	SF	1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	0.92	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Backroll, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0102	SF	2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	1.55	
		For Electrostatic Painting, Add	*0.27*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
		For Backroll, Add	*0.16*	
09 91 23 00-0103		Paint Interior Corrugated Metal Walls *(09 91 23 00-0082)*		
09 91 23 00-0104	SF	1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Walls	0.86	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Backroll, Add	*0.09*	
09 91 23 00-0105	SF	1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Walls	1.14	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Backroll, Add	*0.13*	
09 91 23 00-0106	SF	2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Walls	1.93	
		For Electrostatic Painting, Add	*0.32*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
		For Backroll, Add	*0.20*	
09 91 23 00-0107		Paint Interior Stucco Walls *(09 91 23 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0108	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Stucco Wall Surfaces	0.25	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.16*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.05*	
09 91 23 00-0109	SF	1 Coat Primer, Brush Work, Paint Interior Stucco Wall Surfaces	1.39	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0110	SF	1 Coat Paint, Brush Work, Paint Interior Stucco Wall Surfaces	1.52	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0111	SF	2 Coats Paint, Brush Work, Paint Interior Stucco Wall Surfaces	2.70	
		For Oil Based Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.89*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.22*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.74*	
		For >100 To 250, Add	*0.83*	
		For >250 To 500, Add	*0.36*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.41*	
		For >20,000, Deduct	*-0.54*	
09 91 23 00-0112	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	1.06	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0113	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	1.20	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0114	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	2.20	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.36*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 91 23 00-0115	SF	1 Coat Primer, Sprayed, Paint Interior Stucco Wall Surfaces	0.80	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Backroll, Add	*0.10*	
09 91 23 00-0116	SF	1 Coat Paint, Sprayed, Paint Interior Stucco Wall Surfaces	0.99	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Backroll, Add	*0.12*	
09 91 23 00-0117	SF	2 Coats Paint, Sprayed, Paint Interior Stucco Wall Surfaces	1.91	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
		For Backroll, Add	*0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0118		Paint Interior Wood Walls *(09 91 23 00-0001)*		
09 91 23 00-0119		Interior Wood Walls *(09 91 23 00-0118)*		
09 91 23 00-0120	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Wall Surfaces	0.17	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0121	SF	1 Coat Paint, Brush Work, Paint Interior Wood Wall Surfaces	1.04	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0122	SF	2 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces	1.90	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.86*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
09 91 23 00-0123	SF	3 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces	2.71	
		For Oil Based Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.88*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.21*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.73*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.36*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.41*	
		For >20,000, Deduct	*-0.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0124	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Walls	0.74	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0125	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Walls	0.84	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0126	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Walls	1.50	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0127	SF	1 Coat Primer, Sprayed, Paint Interior Wood Walls	0.58	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Backroll, Add	*0.07*	
09 91 23 00-0128	SF	1 Coat Paint, Sprayed, Paint Interior Wood Walls	0.73	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Backroll, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0129	SF	2 Coats Paint, Sprayed, Paint Interior Wood Walls	1.34	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
		For Backroll, Add	*0.15*	
09 91 23 00-0130		Paint Interior Ceilings *(09 91 23)*		
09 91 23 00-0131		Paint Interior Acoustical Ceilings *(09 91 23 00-0130)*		
		Note: Includes grid.		
09 91 23 00-0132	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Acoustical Ceiling	0.30	
		For Oil Based Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.14*	
		For >100 To 250, Add	*0.07*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.05*	
		For >20,000, Deduct	*-0.06*	
09 91 23 00-0133	SF	1 Coat Primer, Brush Work, Paint Interior Acoustical Ceiling	0.92	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0134	SF	1 Coat Paint, Brush Work, Paint Interior Acoustical Ceiling	1.00	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0135	SF	2 Coats Paint, Brush Work, Paint Interior Acoustical Ceiling	1.77	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0136	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Acoustical Ceiling	0.80	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0137	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0138	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling	1.45	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 23 00-0139	SF	1 Coat Primer, Sprayed, Paint Interior Acoustical Ceiling	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Backroll, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0140	SF	1 Coat Paint, Sprayed, Paint Interior Acoustical Ceiling	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.09*	
09 91 23 00-0141	SF	2 Coats Paint, Sprayed, Paint Interior Acoustical Ceiling	1.16	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Backroll, Add	*0.14*	

09 91 23 00-0142 Paint Interior Concrete Ceilings *(09 91 23 00-0130)*

09 91 23 00-0143	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Ceiling	0.16	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0144	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Ceiling	0.92	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0145	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Ceiling	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0146	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Ceiling	1.76	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.82*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0147	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Ceiling	0.71	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0148	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Ceiling	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0149	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Ceiling	1.45	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 23 00-0150	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Ceiling	0.70	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.08*	
09 91 23 00-0151	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Ceiling	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.09*	
09 91 23 00-0152	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Ceiling	1.15	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Backroll, Add	*0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0153	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Ceiling	0.95	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0154	SF	1 Coat Bonding Agent, Brush/Roller, Paint Interior Concrete Ceiling	0.74	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0155	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Ceiling	0.73	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Backroll, Add	*0.09*	

09 91 23 00-0156 Paint Interior Drywall/Plaster Ceilings *(09 91 23 00-0130)*

09 91 23 00-0157	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Drywall/Plaster Ceiling	0.16	
		For Epoxy Paint, Add	*0.01*	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.11*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0158	SF	1 Coat Primer, Brush Work, Pain Interior Drywall/Plaster Ceiling	0.92	
		For Epoxy Paint, Add	*0.10*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0159	SF	1 Coat Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling	1.00	
		For Epoxy Paint, Add	*0.09*	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0160	SF	2 Coats Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling	1.77	
		For Epoxy Paint, Add	*0.17*	
		For Oil Based Paint, Add	*0.10*	
		For Orange Peel Finish, Add	*0.25*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0161	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	0.80	
		For Epoxy Paint, Add	*0.09*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0162	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	0.78	
		For Epoxy Paint, Add	*0.08*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0163	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	1.45	
		For Epoxy Paint, Add	*0.15*	
		For Oil Based Paint, Add	*0.09*	
		For Orange Peel Finish, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 23 00-0164	SF	1 Coat Primer, Sprayed, Paint Interior Drywall/Plaster Ceiling	0.75	
		For Epoxy Paint, Add	*0.10*	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Backroll, Add	*0.09*	
09 91 23 00-0165	SF	1 Coat Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling	0.72	
		For Epoxy Paint, Add	*0.09*	
		For Oil Based Paint, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
		For Backroll, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0166	SF	2 Coats Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling	1.16	
		For Epoxy Paint, Add	*0.16*	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Backroll, Add	*0.14*	
09 91 23 00-0167		Paint Interior Metal Ceilings *(09 91 23 00-0130)*		
09 91 23 00-0168		Galvanized Surfaces, Galvanized Primer *(09 91 23 00-0167)*		
		Note: Linseed oil or acrylic latex paint.		
09 91 23 00-0169	SF	1 Coat Primer, Brush Work, Paint Interior Galvanized Ceiling	1.17	
		For Electrostatic Painting, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0170	SF	1 Coat Paint, Brush Work, Paint Interior Galvanized Ceiling	1.29	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0171	SF	2 Coats Paint, Brush Work, Paint Interior Galvanized Ceiling	2.36	
		For Electrostatic Painting, Add	*0.33*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.39*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0172	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Ceiling	0.90	
		For Electrostatic Painting, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0173	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling	1.01	
		For Electrostatic Painting, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0174	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling	1.87	
		For Electrostatic Painting, Add	*0.27*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 23 00-0175	SF	1 Coat Primer, Sprayed, Paint Interior Galvanized Ceiling	0.92	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Backroll, Add	*0.10*	
09 91 23 00-0176	SF	1 Coat Paint, Sprayed, Paint Interior Galvanized Ceiling	1.04	
		For Electrostatic Painting, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Backroll, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0177	SF	2 Coats Paint, Sprayed, Paint Interior Galvanized Ceiling	1.69	
		For Electrostatic Painting, Add	*0.28*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
		For Backroll, Add	*0.18*	
09 91 23 00-0178		Aluminum And Aluminum Alloy Surface Pretreatment Primer *(09 91 23 00-0167)*		
		Note: Alkyd enamel paint.		
09 91 23 00-0179	SF	1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.17	
		For Electrostatic Painting, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0180	SF	1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.29	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0181	SF	2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	2.36	
		For Electrostatic Painting, Add	*0.33*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.39*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0182	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.01	
		For Electrostatic Painting, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0183	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.12	
		For Electrostatic Painting, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0184	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	2.12	
		For Electrostatic Painting, Add	*0.32*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
09 91 23 00-0185	SF	1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	0.92	
		For Electrostatic Painting, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Backroll, Add	*0.10*	
09 91 23 00-0186	SF	1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.04	
		For Electrostatic Painting, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
		For Backroll, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0187	SF	2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.69	
		For Electrostatic Painting, Add	*0.28*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
		For Backroll, Add	*0.18*	
09 91 23 00-0188		Paint Interior Ceiling Tile Grid *(09 91 23 00-0167)*		
		Note: Grid only.		
09 91 23 00-0189	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid	0.25	
		For Electrostatic Painting, Add	*0.03*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.16*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.05*	
09 91 23 00-0190	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid	0.50	
		For Electrostatic Painting, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
09 91 23 00-0191		Paint Interior Corrugated Metal Ceilings *(09 91 23 00-0167)*		
09 91 23 00-0192	SF	1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Ceiling	1.21	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Backroll, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0193	SF	1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Ceiling	1.39	
		For Electrostatic Painting, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
		For Backroll, Add	*0.16*	
09 91 23 00-0194	SF	2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Ceiling	2.24	
		For Electrostatic Painting, Add	*0.37*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	
		For Backroll, Add	*0.24*	

09 91 23 00-0195 Paint Interior Wood Ceilings *(09 91 23 00-0130)*

09 91 23 00-0196 Paint Interior Smooth Wood Ceilings *(09 91 23 00-0195)*

09 91 23 00-0197	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Smooth Ceiling	0.19	
		For Oil Based Paint, Add	*0.01*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.12*	
		For >100 To 250, Add	*0.06*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.04*	
09 91 23 00-0198	SF	1 Coat Primer, Brush Work, Paint Interior Wood Smooth Ceiling	1.13	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0199	SF	1 Coat Paint, Brush Work, Paint Interior Wood Smooth Ceiling	1.18	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0200	SF	2 Coats Paint, Brush Work, Paint Interior Wood Smooth Ceiling	2.13	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 91 23 00-0201	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	0.91	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0202	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0203	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	1.86	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0204	SF	1 Coat Primer, Sprayed, Paint Interior Smooth Wood Ceiling	0.76	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Backroll, Add	*0.09*	
09 91 23 00-0205	SF	1 Coat Paint, Sprayed, Paint Interior Smooth Wood Ceiling	0.89	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
		For Backroll, Add	*0.11*	
09 91 23 00-0206	SF	2 Coats Paint, Sprayed, Paint Interior Smooth Wood Ceiling	1.36	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
		For Backroll, Add	*0.16*	

09 91 23 00-0207 Paint Interior Wood Beams *(09 91 23 00-0130)*

09 91 23 00-0208	SF	1 Coat Primer, Brush Work, Paint Interior Wood Beams	1.25	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0209	SF	1 Coat Paint, Brush Work, Paint Interior Wood Beams	1.27	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0210	SF	2 Coats Paint, Brush Work, Paint Interior Wood Beams	2.32	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.05*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.49*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.46*	
09 91 23 00-0211	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Beams	1.00	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0212	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Beams	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0213	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Beams	1.86	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0214	SF	1 Coat Primer, Sprayed, Paint Interior Wood Beams	0.89	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
		For Backroll, Add	*0.11*	
09 91 23 00-0215	SF	1 Coat Paint, Sprayed, Paint Interior Wood Beams	0.89	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
		For Backroll, Add	*0.11*	
09 91 23 00-0216	SF	2 Coats Paint, Sprayed, Paint Interior Wood Beams	1.47	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
		For Backroll, Add	*0.18*	

09 91 23 00-0217 Paint Interior Floors And Decks *(09 91 23)*

09 91 23 00-0218 Paint Interior Concrete Floors And Decks *(09 91 23 00-0217)*

09 91 23 00-0219	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Floors And Decks	0.13	
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.04*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0220	SF	1 Coat Primer, Brush Work, Paint Interior Concrete Floors And Decks	0.71	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0221	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Floors And Decks	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0222	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Floors And Decks	1.52	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.16*	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0223	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.70	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0224	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0225	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks	1.10	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.14*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0226	SF	1 Coat Primer, Sprayed, Paint Interior Concrete Floors And Decks	0.58	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Backroll, Add	*0.07*	
09 91 23 00-0227	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Floors And Decks	0.58	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Backroll, Add	*0.07*	
09 91 23 00-0228	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Floors And Decks	1.02	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.15*	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Backroll, Add	*0.12*	
09 91 23 00-0229	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Floors And Decks	0.74	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0230	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.73	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0231	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Floors And Decks	0.61	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Backroll, Add	*0.07*	
09 91 23 00-0232	SF	1 Coat Non Slip Paint, Brush Work, Paint Interior Concrete Floors And Decks	2.17	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.43*	
09 91 23 00-0233	SF	1 Coat Non Slip Epoxy Paint, Brush Work, Paint Interior Concrete Floors And Decks (Rust-Oleum® AS91864251)	6.35	
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.80*	
		For >250 To 500, Add	*0.38*	
		For >2,500 To 5,000, Deduct	*-0.32*	
		For >5,000 To 10,000, Deduct	*-0.64*	
		For >10,000 To 20,000, Deduct	*-0.95*	
		For >20,000, Deduct	*-1.27*	

09 91 23 00-0234 Paint Interior Wood Floors And Decks *(09 91 23 00-0217)*

09 91 23 00-0235	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Floors And Decks	0.15	
		For Up To 100, Add	*0.09*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 91 23 00-0236	SF	1 Coat Primer, Brush Work, Paint Interior Wood Floors And Decks	0.89	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0237	SF	1 Coat Paint, Brush Work, Paint Interior Wood Floors And Decks	0.96	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0238	SF	2 Coats Paint, Brush Work, Paint Interior Wood Floors And Decks	1.80	
		For Oil Based Paint, Add	*0.11*	
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
09 91 23 00-0239	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Floors And Decks	0.72	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0240	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0241	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks	1.54	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 23 00-0242	SF	1 Coat Primer, Sprayed, Paint Interior Wood Floors And Decks	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Backroll, Add	*0.07*	
09 91 23 00-0243	SF	1 Coat Paint, Sprayed, Paint Interior Wood Floors And Decks	0.76	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Backroll, Add	*0.09*	
09 91 23 00-0244	SF	2 Coats Paint, Sprayed, Paint Interior Wood Floors And Decks	1.10	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
		For Backroll, Add	*0.12*	
09 91 23 00-0245	SF	1 Coat Non Slip Paint, Brush Work, Paint Interior Wood Floors And Decks	2.17	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.43*	
09 91 23 00-0246	SF	1 Coat Non Slip Epoxy Paint, Brush Work, Paint Interior Wood Floors And Decks	6.35	
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.80*	
		For >250 To 500, Add	*0.38*	
		For >2,500 To 5,000, Deduct	*-0.32*	
		For >5,000 To 10,000, Deduct	*-0.64*	
		For >10,000 To 20,000, Deduct	*-0.95*	
		For >20,000, Deduct	*-1.27*	
09 91 23 00-0247		Paint Interior Doors And Windows *(09 91 23)*		
09 91 23 00-0248		Paint Interior Door Frames *(09 91 23 00-0247)*		
09 91 23 00-0249	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	1.05	
		For Oil Based Paint, Add	*0.06*	
		For Painting One Face Of Frame Only, Deduct	*-0.28*	
09 91 23 00-0250	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	1.35	
		For Oil Based Paint, Add	*0.07*	
		For Painting One Face Of Frame Only, Deduct	*-0.36*	
09 91 23 00-0251	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trime	2.29	
		For Oil Based Paint, Add	*0.13*	
		For Painting One Face Of Frame Only, Deduct	*-0.60*	
09 91 23 00-0252	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	1.08	
		For Oil Based Paint, Add	*0.06*	
		For Painting One Face Of Frame Only, Deduct	*-0.29*	
09 91 23 00-0253	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	1.38	
		For Oil Based Paint, Add	*0.08*	
		For Painting One Face Of Frame Only, Deduct	*-0.37*	
09 91 23 00-0254	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	2.33	
		For Oil Based Paint, Add	*0.13*	
		For Painting One Face Of Frame Only, Deduct	*-0.62*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0255		Paint Interior Metal Doors *(09 91 23 00-0247)*		
09 91 23 00-0256	EA	1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Metal Door	52.83	
		For Electrostatic Painting, Add	*8.55*	
		For Half Louvered Door, Add	*4.66*	
		For Full Louvered Door, Add	*7.77*	
		For Oil Based Paint, Add	*3.73*	
		For >5 To 10, Deduct	*-2.64*	
		For >10 To 25, Deduct	*-5.28*	
		For >25, Deduct	*-7.92*	
09 91 23 00-0257	EA	1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Metal Door	52.83	
		For Electrostatic Painting, Add	*8.55*	
		For Half Louvered Door, Add	*4.66*	
		For Full Louvered Door, Add	*7.77*	
		For Oil Based Paint, Add	*3.73*	
		For >5 To 10, Deduct	*-2.64*	
		For >10 To 25, Deduct	*-5.28*	
		For >25, Deduct	*-7.92*	
09 91 23 00-0258	EA	2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Metal Door	95.72	
		For Electrostatic Painting, Add	*16.06*	
		For Half Louvered Door, Add	*7.87*	
		For Full Louvered Door, Add	*13.12*	
		For Oil Based Paint, Add	*6.95*	
		For >5 To 10, Deduct	*-4.79*	
		For >10 To 25, Deduct	*-9.57*	
		For >25, Deduct	*-14.36*	
09 91 23 00-0259	EA	1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Metal Door	94.80	
		For Electrostatic Painting, Add	*15.35*	
		For Half Louvered Door, Add	*8.35*	
		For Full Louvered Door, Add	*13.92*	
		For Oil Based Paint, Add	*6.70*	
		For >5 To 10, Deduct	*-4.74*	
		For >10 To 25, Deduct	*-9.48*	
		For >25, Deduct	*-14.22*	
09 91 23 00-0260	EA	1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door	94.81	
		For Electrostatic Painting, Add	*15.35*	
		For Half Louvered Door, Add	*8.35*	
		For Full Louvered Door, Add	*13.92*	
		For Oil Based Paint, Add	*6.70*	
		For >5 To 10, Deduct	*-4.74*	
		For >10 To 25, Deduct	*-9.48*	
		For >25, Deduct	*-14.22*	
09 91 23 00-0261	EA	2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door	172.46	
		For Electrostatic Painting, Add	*28.98*	
		For Half Louvered Door, Add	*14.13*	
		For Full Louvered Door, Add	*23.56*	
		For Oil Based Paint, Add	*12.54*	
		For >5 To 10, Deduct	*-8.62*	
		For >10 To 25, Deduct	*-17.25*	
		For >25, Deduct	*-25.87*	
09 91 23 00-0262	EA	1 Coat Primer, Sprayed, One Face, Paint Interior Metal Door	47.46	
		For Electrostatic Painting, Add	*8.34*	
		For Half Louvered Door, Add	*3.53*	
		For Full Louvered Door, Add	*5.88*	
		For Oil Based Paint, Add	*3.57*	
		For >5 To 10, Deduct	*-2.37*	
		For >10 To 25, Deduct	*-4.75*	
		For >25, Deduct	*-7.12*	
		For Backroll, Add	*4.72*	
09 91 23 00-0263	EA	1 Coat Paint, Sprayed, One Face, Paint Interior Metal Door	47.46	
		For Electrostatic Painting, Add	*8.34*	
		For Half Louvered Door, Add	*3.53*	
		For Full Louvered Door, Add	*5.88*	
		For Oil Based Paint, Add	*3.57*	
		For >5 To 10, Deduct	*-2.37*	
		For >10 To 25, Deduct	*-4.75*	
		For >25, Deduct	*-7.12*	
		For Backroll, Add	*4.72*	
09 91 23 00-0264	EA	2 Coats Paint, Sprayed, One Face, Paint Interior Metal Door	87.30	
		For Electrostatic Painting, Add	*15.87*	
		For Half Louvered Door, Add	*5.96*	
		For Full Louvered Door, Add	*9.93*	
		For Oil Based Paint, Add	*6.74*	
		For >5 To 10, Deduct	*-4.37*	
		For >10 To 25, Deduct	*-8.73*	
		For >25, Deduct	*-13.10*	
		For Backroll, Add	*8.34*	
09 91 23 00-0265	EA	1 Coat Primer, Sprayed, Both Faces, Paint Interior Metal Door	85.18	
		For Electrostatic Painting, Add	*14.97*	
		For Half Louvered Door, Add	*6.32*	
		For Full Louvered Door, Add	*10.54*	
		For Oil Based Paint, Add	*6.41*	
		For >5 To 10, Deduct	*-4.26*	
		For >10 To 25, Deduct	*-8.52*	
		For >25, Deduct	*-12.78*	
		For Backroll, Add	*8.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0266	EA	1 Coat Paint, Sprayed, Both Faces, Paint Interior Metal Door	85.18	
		For Electrostatic Painting, Add	*14.97*	
		For Half Louvered Door, Add	*6.32*	
		For Full Louvered Door, Add	*10.54*	
		For Oil Based Paint, Add	*6.41*	
		For >5 To 10, Deduct	*-4.26*	
		For >10 To 25, Deduct	*-8.52*	
		For >25, Deduct	*-12.78*	
		For Backroll, Add	*8.47*	
09 91 23 00-0267	EA	2 Coats Paint, Sprayed, Both Faces, Paint Interior Metal Door	157.40	
		For Electrostatic Painting, Add	*28.65*	
		For Half Louvered Door, Add	*10.70*	
		For Full Louvered Door, Add	*17.83*	
		For Oil Based Paint, Add	*12.17*	
		For >5 To 10, Deduct	*-7.87*	
		For >10 To 25, Deduct	*-15.74*	
		For >25, Deduct	*-23.61*	
		For Backroll, Add	*15.00*	

09 91 23 00-0268 Paint Interior Wood Doors *(09 91 23 00-0247)*

09 91 23 00-0269	EA	1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Wood Door	47.25	
		For Oil Based Paint, Add	*3.17*	
		For Half Louvered Door, Add	*4.66*	
		For Full Louvered Door, Add	*7.77*	
		For >5 To 10, Deduct	*-2.36*	
		For >10 To 25, Deduct	*-4.73*	
		For >25, Deduct	*-7.09*	
09 91 23 00-0270	EA	1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Wood Door	47.25	
		For Oil Based Paint, Add	*3.17*	
		For Half Louvered Door, Add	*4.66*	
		For Full Louvered Door, Add	*7.77*	
		For >5 To 10, Deduct	*-2.36*	
		For >10 To 25, Deduct	*-4.73*	
		For >25, Deduct	*-7.09*	
09 91 23 00-0271	EA	2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Wood Door	84.65	
		For Oil Based Paint, Add	*5.84*	
		For Half Louvered Door, Add	*7.87*	
		For Full Louvered Door, Add	*13.12*	
		For >5 To 10, Deduct	*-4.23*	
		For >10 To 25, Deduct	*-8.47*	
		For >25, Deduct	*-12.70*	
09 91 23 00-0272	EA	1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Wood Door	84.79	
		For Oil Based Paint, Add	*5.69*	
		For Half Louvered Door, Add	*8.35*	
		For Full Louvered Door, Add	*13.92*	
		For >5 To 10, Deduct	*-4.24*	
		For >10 To 25, Deduct	*-8.48*	
		For >25, Deduct	*-12.72*	
09 91 23 00-0273	EA	1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door	84.79	
		For Oil Based Paint, Add	*5.69*	
		For Half Louvered Door, Add	*8.35*	
		For Full Louvered Door, Add	*13.92*	
		For >5 To 10, Deduct	*-4.24*	
		For >10 To 25, Deduct	*-8.48*	
		For >25, Deduct	*-12.72*	
09 91 23 00-0274	EA	2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door	152.42	
		For Oil Based Paint, Add	*10.53*	
		For Half Louvered Door, Add	*14.13*	
		For Full Louvered Door, Add	*23.56*	
		For >5 To 10, Deduct	*-7.62*	
		For >10 To 25, Deduct	*-15.24*	
		For >25, Deduct	*-22.86*	
09 91 23 00-0275	EA	1 Coat Primer, Sprayed, One Face, Paint Interior Wood Door	41.32	
		For Oil Based Paint, Add	*2.96*	
		For Half Louvered Door, Add	*3.53*	
		For Full Louvered Door, Add	*5.88*	
		For >5 To 10, Deduct	*-2.07*	
		For >10 To 25, Deduct	*-4.13*	
		For >25, Deduct	*-6.20*	
		For Backroll, Add	*4.42*	
09 91 23 00-0276	EA	1 Coat Paint, Sprayed, One Face, Paint Interior Wood Door	41.32	
		For Oil Based Paint, Add	*2.96*	
		For Half Louvered Door, Add	*3.53*	
		For Full Louvered Door, Add	*5.88*	
		For >5 To 10, Deduct	*-2.07*	
		For >10 To 25, Deduct	*-4.13*	
		For >25, Deduct	*-6.20*	
		For Backroll, Add	*4.42*	
09 91 23 00-0277	EA	2 Coats Paint, Sprayed, One Face, Paint Interior Wood Door	75.12	
		For Oil Based Paint, Add	*5.53*	
		For Half Louvered Door, Add	*5.96*	
		For Full Louvered Door, Add	*9.93*	
		For >5 To 10, Deduct	*-3.76*	
		For >10 To 25, Deduct	*-7.51*	
		For >25, Deduct	*-11.27*	
		For Backroll, Add	*7.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0278	EA	1 Coat Primer, Sprayed, Both Faces, Paint Interior Wood Door	74.16	
		For Oil Based Paint, Add	*5.31*	
		For Half Louvered Door, Add	*6.32*	
		For Full Louvered Door, Add	*10.54*	
		For >5 To 10, Deduct	*-3.71*	
		For >10 To 25, Deduct	*-7.42*	
		For >25, Deduct	*-11.12*	
		For Backroll, Add	*7.92*	
09 91 23 00-0279	EA	1 Coat Paint, Sprayed, Both Faces, Paint Interior Wood Door	74.16	
		For Oil Based Paint, Add	*5.31*	
		For Half Louvered Door, Add	*6.32*	
		For Full Louvered Door, Add	*10.54*	
		For >5 To 10, Deduct	*-3.71*	
		For >10 To 25, Deduct	*-7.42*	
		For >25, Deduct	*-11.12*	
		For Backroll, Add	*7.92*	
09 91 23 00-0280	EA	2 Coats Paint, Sprayed, Both Faces, Paint Interior Wood Door	135.35	
		For Oil Based Paint, Add	*9.97*	
		For Half Louvered Door, Add	*10.70*	
		For Full Louvered Door, Add	*17.83*	
		For >5 To 10, Deduct	*-6.77*	
		For >10 To 25, Deduct	*-13.54*	
		For >25, Deduct	*-20.30*	
		For Backroll, Add	*13.90*	

09 91 23 00-0281 Paint Interior Metal Windows *(09 91 23 00-0247)*

Note: Two finish coats paint over rust inhibitive primer.

09 91 23 00-0282	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	84.08	
		For Oil Based Paint, Add	*4.93*	
		For Electrostatic Painting, Add	*10.58*	
		For >5 To 10, Deduct	*-4.20*	
		For >10 To 25, Deduct	*-8.41*	
		For >25, Deduct	*-12.61*	
09 91 23 00-0283	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	102.67	
		For Oil Based Paint, Add	*6.25*	
		For Electrostatic Painting, Add	*13.62*	
		For >5 To 10, Deduct	*-5.13*	
		For >10 To 25, Deduct	*-10.27*	
		For >25, Deduct	*-15.40*	
09 91 23 00-0284	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	138.84	
		For Oil Based Paint, Add	*8.53*	
		For Electrostatic Painting, Add	*18.64*	
		For >5 To 10, Deduct	*-6.94*	
		For >10 To 25, Deduct	*-13.88*	
		For >25, Deduct	*-20.83*	
09 91 23 00-0285	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	156.38	
		For Oil Based Paint, Add	*9.61*	
		For Electrostatic Painting, Add	*21.02*	
		For >5 To 10, Deduct	*-7.82*	
		For >10 To 25, Deduct	*-15.64*	
		For >25, Deduct	*-23.46*	
09 91 23 00-0286	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	173.34	
		For Oil Based Paint, Add	*10.64*	
		For Electrostatic Painting, Add	*23.25*	
		For >5 To 10, Deduct	*-8.67*	
		For >10 To 25, Deduct	*-17.33*	
		For >25, Deduct	*-26.00*	
09 91 23 00-0287	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	5.50	
		For Oil Based Paint, Add	*0.34*	
		For Electrostatic Painting, Add	*0.74*	

09 91 23 00-0288 Paint Interior Wood Windows *(09 91 23 00-0247)*

Note: Two finish coats paint over primer.

09 91 23 00-0289	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	80.37	
		For Oil Based Paint, Add	*4.56*	
		For >5 To 10, Deduct	*-4.02*	
		For >10 To 25, Deduct	*-8.04*	
		For >25, Deduct	*-12.06*	
09 91 23 00-0290	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	96.94	
		For Oil Based Paint, Add	*5.68*	
		For >5 To 10, Deduct	*-4.85*	
		For >10 To 25, Deduct	*-9.69*	
		For >25, Deduct	*-14.54*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0291	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	136.72	
		For Oil Based Paint, Add	*8.02*	
		For >5 To 10, Deduct	*-6.84*	
		For >10 To 25, Deduct	*-13.67*	
		For >25, Deduct	*-20.51*	
09 91 23 00-0292	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	153.95	
		For Oil Based Paint, Add	*9.03*	
		For >5 To 10, Deduct	*-7.70*	
		For >10 To 25, Deduct	*-15.40*	
		For >25, Deduct	*-23.09*	
09 91 23 00-0293	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	163.23	
		For Oil Based Paint, Add	*9.63*	
		For >5 To 10, Deduct	*-8.16*	
		For >10 To 25, Deduct	*-16.32*	
		For >25, Deduct	*-24.48*	
09 91 23 00-0294	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	5.44	
		For Oil Based Paint, Add	*0.32*	

09 91 23 00-0295 Paint Interior Security Screens *(09 91 23 00-0247)*

09 91 23 00-0296	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Security Screen	1.34	
		For Oil Based Paint, Add	*0.08*	
		For Electrostatic Painting, Add	*0.18*	
09 91 23 00-0297	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Security Screen	1.35	
		For Oil Based Paint, Add	*0.08*	
		For Electrostatic Painting, Add	*0.17*	
09 91 23 00-0298	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Security Screen	2.24	
		For Oil Based Paint, Add	*0.13*	
		For Electrostatic Painting, Add	*0.29*	

09 91 23 00-0299 Paint Interior Window Guards *(09 91 23 00-0247)*

09 91 23 00-0300	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Guards	1.34	
		For Oil Based Paint, Add	*0.08*	
09 91 23 00-0301	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Guards	1.35	
		For Oil Based Paint, Add	*0.08*	
09 91 23 00-0302	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Guards	2.24	
		For Oil Based Paint, Add	*0.13*	

09 91 23 00-0303 Paint Interior Window Trim *(09 91 23 00-0247)*

09 91 23 00-0304	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	1.30	
		For Oil Based Paint, Add	*0.08*	
		For Painting One Face Of Frame Only, Deduct	*-0.37*	
09 91 23 00-0305	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	1.30	
		For Oil Based Paint, Add	*0.08*	
		For Painting One Face Of Frame Only, Deduct	*-0.37*	
09 91 23 00-0306	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	2.82	
		For Oil Based Paint, Add	*0.17*	
		For Painting One Face Of Frame Only, Deduct	*-0.80*	
09 91 23 00-0307	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.	1.47	
		For Painting One Face Of Frame Only, Deduct	*-0.44*	
09 91 23 00-0308	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.	1.47	
		For Painting One Face Of Frame Only, Deduct	*-0.44*	
09 91 23 00-0309	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.	3.16	
		For Painting One Face Of Frame Only, Deduct	*-0.93*	

09 91 23 00-0310 Paint Interior Cabinets And Casework *(09 91 23)*

09 91 23 00-0311 Paint Interior Wood Cabinets And Casework *(09 91 23 00-0310)*

09 91 23 00-0312	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	1.16	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0313	SF	1 Coat Enamel Primer And 1 Coat Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	1.60	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0314	SF	1 Coat Enamel Primer And 2 Coats Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	2.65	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.40*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0315		**Paint Exposed Metal Lockers** *(09 91 23 00-0310)*		
09 91 23 00-0316	SF	1 Coat Primer, Brush/Roller Work, Paint Exposed Metal Locker	1.25	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0317	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker	1.24	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0318	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker	2.31	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0319		**Paint Interior Stairs** *(09 91 23)*		
09 91 23 00-0320		**Paint Interior Concrete Stairs** *(09 91 23 00-0319)*		
		Note: Includes the riser and tread.		
09 91 23 00-0321	RSR	1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	16.20	
09 91 23 00-0322	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	16.20	
09 91 23 00-0323	RSR	1 Coat Non Slip Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	14.21	
		Note: Excludes riser.		
09 91 23 00-0324	RSR	1 Coat Non Slip Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	30.89	
		Note: Excludes riser.		
09 91 23 00-0325	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	32.40	
09 91 23 00-0326		**Paint Interior Metal Stairs** *(09 91 23 00-0319)*		
		Note: Includes the riser and tread.		
09 91 23 00-0327	RSR	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide)	8.93	
09 91 23 00-0328	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide)	8.60	
09 91 23 00-0329	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide)	17.19	
09 91 23 00-0330		**Paint Interior Wood Stairs** *(09 91 23 00-0319)*		
		Note: Includes the riser and tread.		
09 91 23 00-0331	RSR	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	8.40	
09 91 23 00-0332	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	8.40	
09 91 23 00-0333	RSR	1 Coat Non Slip Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	10.30	
		Note: Excludes riser.		
09 91 23 00-0334	RSR	1 Coat Non Slip Epoxy Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	26.98	
		Note: Excludes riser.		
09 91 23 00-0335	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	16.78	
09 91 23 00-0336		**Paint Interior Stair Nosing** *(09 91 23 00-0319)*		
09 91 23 00-0337	LF	1 Coat Paint, Up To 2", Non Slip, Brush Work, Paint Interior Yellow Stair Safety Strip	1.43	
09 91 23 00-0338		**Paint Interior Trim** *(09 91 23)*		
09 91 23 00-0339		**Paint Interior Metal Trim** *(09 91 23 00-0338)*		
09 91 23 00-0340	SF	1 Coat Primer, Brush Work, Paint Interior Exposed Metal Trim	1.13	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0341	SF	1 Coat Paint, Brush Work, Paint Interior Exposed Metal Trim	1.23	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0342	SF	2 Coats Paint, Brush Work, Paint Interior Exposed Metal Trim	2.21	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.72*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.99*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0343	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Exposed Metal Trim	0.95	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0344	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim	1.03	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0345	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim	1.85	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.79*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0346		Paint Interior Wood Trim *(09 91 23 00-0338)*		
09 91 23 00-0347	LF	1 Coat Primer, Brush Work, Paint Interior Wood Trim To 6" Wide	0.71	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.04*	
09 91 23 00-0348	LF	1 Coat Paint, Brush Work, Paint Interior Wood Trim To 6" Wide	0.79	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.04*	
09 91 23 00-0349	LF	2 Coats Paint, Brush Work, Paint Interior Wood Trim To 6" Wide	1.65	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.09*	
09 91 23 00-0350	SF	1 Coat Primer, Brush Work, Paint Interior Wood Trim	2.22	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.05*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.13*	
09 91 23 00-0351	SF	1 Coat Paint, Brush Work, Paint Interior Wood Trim	2.46	
		For Work >15' To 20' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.17*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.14*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0352	SF	2 Coats Paint, Brush Work, Paint Interior Wood Trim	4.46	
		For Work >15' To 20' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.51*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*2.08*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.26*	
09 91 23 00-0353	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Trim	1.83	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.11*	
09 91 23 00-0354	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Trim	2.04	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.94*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.12*	
09 91 23 00-0355	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Trim	3.68	
		For Work >15' To 20' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.65*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.22*	
09 91 23 00-0356		**Paint Additives** *(09 91 23)*		
09 91 23 00-0357	SF	Mildewcide/Mold Killing Paint Additive Per Each Coat	0.02	
09 91 23 00-0358	SF	Class "B" Fire Rating, Fire Resistant Paint Additive	0.07	
		For Class "A" Fire Rating, Add	*0.07*	
09 91 23 00-0359		**Hand Painting Letters/Numbers** *(09 91 23)*		
		Note: Painting on walls, floors, poles, signs, etc.		
09 91 23 00-0360	EA	Up To 1" High, Hand Paint, Per Letter/Number	2.22	
09 91 23 00-0361	EA	1" To 2" High, Hand Paint, Per Letter/Number	2.57	
09 91 23 00-0362	EA	2" To 3" High, Hand Paint, Per Letter/Number	3.90	
09 91 23 00-0363	EA	3" To 4" High, Hand Paint, Per Letter/Number	4.76	
09 91 23 00-0364	EA	4" To 6" High, Hand Paint, Per Letter/Number	6.56	
09 91 23 00-0365	EA	6" To 12" High, Hand Paint, Per Letter/Number	8.31	
09 91 23 00-0366	EA	Over 12" High, Hand Paint, Per Letter/Number	9.73	
09 91 23 00-0367		**Glove/Mitt Application** *(09 91 23)*		
09 91 23 00-0368		**Conduit/Pipe** *(09 91 23 00-0367)*		
09 91 23 00-0369	CSF	Acid Wash (Muriatic Acid) Conduit Or Pipe With Glove/Mitt	41.79	
		For Work >15' To 20' Above Floor, Add	*5.78*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*9.64*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*15.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*21.21*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0370	CSF	Metal Primer Conduit Or Pipe With Glove/Mitt	72.32	
		For Work >15' To 20' Above Floor, Add	*6.94*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*11.57*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*18.51*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*25.45*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0371	CSF	Enamel Paint, Oil Base Paint, First Coat Conduit Or Pipe With Glove/Mitt	57.39	
		For Work >15' To 20' Above Floor, Add	*5.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*8.48*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*13.57*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*18.66*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0372	CSF	Enamel Paint, Oil Base Paint, Second Coat Conduit Or Pipe With Glove/Mitt	47.42	
		For Work >15' To 20' Above Floor, Add	*3.82*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*6.36*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*10.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*14.00*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0373	CSF	Epoxy Paint, First Coat Conduit Or Pipe With Glove/Mitt	91.54	
		For Work >15' To 20' Above Floor, Add	*5.78*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*9.64*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*15.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*21.21*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0374	CSF	Epoxy Paint, Second Coat Conduit Or Pipe With Glove/Mitt	84.72	
		For Work >15' To 20' Above Floor, Add	*5.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*8.48*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*13.57*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*18.66*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0375		Ductwork *(09 91 23 00-0367)*		
09 91 23 00-0376	CSF	Acid Wash (Muriatic Acid) Ductwork With Glove/Mitt	41.79	
		For Work >15' To 20' Above Floor, Add	*5.78*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*9.64*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*15.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*21.21*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0377	CSF	Metal Primer Ductwork With Glove/Mitt	66.83	
		For Work >15' To 20' Above Floor, Add	*5.78*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*9.64*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*15.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*21.21*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0378	CSF	Enamel Paint, Oil Base Paint Ductwork With Glove/Mitt	52.14	
		For Work >15' To 20' Above Floor, Add	*4.63*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*7.71*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*12.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*16.96*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0379	CSF	Epoxy Paint, First Coat Ductwork With Glove/Mitt	87.74	
		For Work >15' To 20' Above Floor, Add	*5.78*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*9.64*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*15.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*21.21*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0380	CSF	Epoxy Paint, Second Coat Ductwork With Glove/Mitt	76.94	
		For Work >15' To 20' Above Floor, Add	*4.63*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*7.71*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*12.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*16.96*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0381		**Stencil Painting Letters/Numbers** *(09 91 23)*		
		Note: Painting on walls, floors, poles, etc. Includes stencil cutout and paint.		
09 91 23 00-0382	EA	Up To 1" High, Stencil Painting, Per Letter/Number	1.82	
		For >200 To 500, Deduct	*-0.15*	
		For >500 To 1,000, Deduct	*-0.23*	
		For >1,000 To 2,000, Deduct	*-0.29*	
		For >2,000, Deduct	*-0.36*	
09 91 23 00-0383	EA	1" To 2" High, Stencil Painting, Per Letter/Number	2.10	
		For >200 To 500, Deduct	*-0.17*	
		For >500 To 1,000, Deduct	*-0.26*	
		For >1,000 To 2,000, Deduct	*-0.34*	
		For >2,000, Deduct	*-0.42*	
09 91 23 00-0384	EA	2" To 3" High, Stencil Painting, Per Letter/Number	3.51	
		For >200 To 500, Deduct	*-0.28*	
		For >500 To 1,000, Deduct	*-0.44*	
		For >1,000 To 2,000, Deduct	*-0.56*	
		For >2,000, Deduct	*-0.70*	
09 91 23 00-0385	EA	3" To 4" High, Stencil Painting, Per Letter/Number	4.31	
		For >200 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-0.54*	
		For >1,000 To 2,000, Deduct	*-0.69*	
		For >2,000, Deduct	*-0.86*	
09 91 23 00-0386	EA	4" To 6" High, Stencil Painting, Per Letter/Number	5.92	
		For >200 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.74*	
		For >1,000 To 2,000, Deduct	*-0.95*	
		For >2,000, Deduct	*-1.18*	
09 91 23 00-0387	EA	6" To 12" High, Stencil Painting, Per Letter/Number	7.87	
		For >200 To 500, Deduct	*-0.63*	
		For >500 To 1,000, Deduct	*-0.98*	
		For >1,000 To 2,000, Deduct	*-1.26*	
		For >2,000, Deduct	*-1.57*	
09 91 23 00-0388	EA	Over 12" High, Stencil Painting, Per Letter/Number	9.27	
		For >200 To 500, Deduct	*-0.74*	
		For >500 To 1,000, Deduct	*-1.16*	
		For >1,000 To 2,000, Deduct	*-1.48*	
		For >2,000, Deduct	*-1.85*	
09 91 23 00-0389		**Paint Interior Miscellaneous Metal Surfaces** *(09 91 23)*		
09 91 23 00-0390	SF	1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces	0.77	
		For Electrostatic Painting, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0391	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces	0.93	
		For Electrostatic Painting, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0392	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces	1.59	
		For Electrostatic Painting, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 23 00-0393	SF	1 Coat Alkyd Anticorrosive Metal Primer, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.08	
		For Electrostatic Painting, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
		For Backroll, Add	*0.14*	
09 91 23 00-0394	SF	1 Coat Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.08	
		For Electrostatic Painting, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
		For Backroll, Add	*0.14*	
09 91 23 00-0395	SF	2 Coats Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.66	
		For Electrostatic Painting, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.72*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
		For Backroll, Add	*0.21*	
09 91 23 00-0396	LF	1 Coat Alkyd Enamel, Cut-in Brush Work, Paint Interior Miscellaneous Exposed Metal	0.16	
		For Electrostatic Painting, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.02*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.10*	
		For >100 To 250, Add	*0.05*	
		For >250 To 500, Add	*0.02*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 91 33 Painting Materials *(09 91)*

Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.

09 91 33 00-0001 Primer *(09 91 33)*

09 91 33 00-0002	GAL	Alkyd Primer/Sealer, Interior, 500 SF Per Gallon	53.85	
09 91 33 00-0003	GAL	Alkyd Wood Primer, Exterior, 400 SF Per Gallon	39.28	
09 91 33 00-0004	GAL	Prime Coat Oil Wood Primer, 310 SF Per Gallon	49.81	
09 91 33 00-0005	GAL	Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon	123.23	
09 91 33 00-0006	EA	Cement Base Primer, 25 LB Sack	41.08	
09 91 33 00-0007	GAL	Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon	63.33	
09 91 33 00-0008	GAL	Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon	50.84	
09 91 33 00-0009	GAL	Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF per Gallon	39.28	
09 91 33 00-0010	GAL	Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon	35.69	
09 91 33 00-0011	GAL	Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon	62.91	
09 91 33 00-0012	GAL	Acrylic Heavy Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon	52.38	
09 91 33 00-0013	GAL	Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon	52.38	
09 91 33 00-0014	GAL	Latex Wood Primer, Exterior, 300 SF Per Gallon	59.06	
09 91 33 00-0015	GAL	Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon	38.51	
09 91 33 00-0016	GAL	Red Alkyd Primer, 500 SF Per Gallon	92.17	
09 91 33 00-0017	GAL	Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon	41.08	
09 91 33 00-0018	GAL	Zinc Chromate Primer, 300 SF Per Gallon	32.87	
09 91 33 00-0019	GAL	Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon	84.99	
09 91 33 00-0020	GAL	Stain Killer, Alcohol Base	53.00	
09 91 33 00-0021	GAL	Sealer, Primer Kilz, 400 SF Per Gallon	59.80	

09 91 33 00-0022 Paint *(09 91 33)*

09 91 33 00-0023	GAL	Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon	28.76	
09 91 33 00-0024	GAL	Acrylic Urethane Sealer	142.59	
09 91 33 00-0025	GAL	Asphalt-Fiber Roof And Foundation Coating, Solvent Type Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal.	15.41	
09 91 33 00-0026	GAL	Concrete Enamel Epoxy, 350 SF Per Gallon	89.10	
09 91 33 00-0027	GAL	Concrete Acrylic Sealer, 400 SF Per Gallon	46.73	
09 91 33 00-0028	GAL	Tar Emulsion, Driveway Coating, 120 SF Per Gallon	15.41	
09 91 33 00-0029	GAL	Acrylic Latex, Driveway Coating, 250 SF Per Gallon	23.37	
09 91 33 00-0030	GAL	Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon	63.72	
09 91 33 00-0031	GAL	Exterior, Oil Base, Gloss, 400 SF Per Gallon	62.91	
09 91 33 00-0032	GAL	Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon	51.35	
09 91 33 00-0033	GAL	Exterior, Flat, Oil Base	47.07	
09 91 33 00-0034	GAL	Exterior, Latex, Semi-Gloss, 400 SF Per Gallon	44.68	
09 91 33 00-0035	GAL	Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon	52.64	
09 91 33 00-0036	GAL	Exterior, Latex Flat Paint, 300 SF Per Gallon	46.73	
09 91 33 00-0037	GAL	Exterior, Water Base, Latex Gloss Enamel	66.52	
09 91 33 00-0038	GAL	Cold Galvanizing Paint	337.50	
09 91 33 00-0039	GAL	High Heat Paint	130.48	
09 91 33 00-0040	GAL	Heat Resistant Paint	86.99	
09 91 33 00-0041	GAL	Zinc Chromate Paint	78.70	
09 91 33 00-0042	QT	Anti-Rust Enamel, 500 SF Per Quart	31.07	
09 91 33 00-0043	GAL	Rust Inhibitor, Ferrous Metal	86.99	
09 91 33 00-0044	GAL	Masonry Waterproofing, 100 SF Per Gallon	46.73	
09 91 33 00-0045	GAL	Alkyd Latex, Black	58.68	
09 91 33 00-0046	GAL	Alkyd Latex, White	58.68	
09 91 33 00-0047	GAL	Alkyd Latex, Colors	70.77	
09 91 33 00-0048	QT	Wrought Iron Paint, Black	79.40	
09 91 33 00-0049	GAL	Vinyl Paint	78.57	
09 91 33 00-0050	GAL	Silicone Alkyd	95.52	
09 91 33 00-0051	GAL	2 Component Solvent Based Acrylic Epoxy	97.06	
09 91 33 00-0052	GAL	2 Component Solvent Based Polyester Epoxy	121.71	
09 91 33 00-0053	GAL	Chlorinated Rubber	89.35	
09 91 33 00-0054	GAL	Polyamide Epoxy Sealer	92.43	
09 91 33 00-0055	GAL	Coal Tar Epoxy	66.24	
09 91 33 00-0056	GAL	Swimming Pool Enamel, 350 SF Per Gallon	82.68	
09 91 33 00-0057	GAL	Swimming Pool Epoxy Or Urethane Base	107.84	
09 91 33 00-0058	GAL	Swimming Pool Rubber Base	73.95	
09 91 33 00-0059	GAL	Interior, Latex Flat Paint, 300 SF Per Gallon	46.99	
09 91 33 00-0060	GAL	Interior, Latex Eggshell Or Semi-Gloss Enamel, 300 SF Per Gallon	52.64	
09 91 33 00-0061	GAL	Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon	96.29	
09 91 33 00-0062	GAL	Interior, Ceiling White Latex Flat, 350 SF Per Gallon	32.61	
09 91 33 00-0063	GAL	Linseed Oil	28.50	
09 91 33 00-0064	GAL	Latex Floor Paint, 300 SF Per Gallon	46.73	
09 91 33 00-0065	GAL	Acrylic Floor Paint, 400 SF Per Gallon	52.64	
09 91 33 00-0066	GAL	Textured Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon	48.14	
09 91 33 00-0067	GAL	Acoustic Spray-On Texture, Finish	38.69	

09 91 33 00-0068 Stain, Varnish *(09 91 33)*

09 91 33 00-0069	GAL	Thompson Water Sealer, 150 SF Per Gallon	26.70	
09 91 33 00-0070	GAL	Latex Redwood Stain, Water Base, 300 SF Per Gallon	49.81	
09 91 33 00-0071	GAL	Redwood Oil Stain, 300 SF Per Gallon	44.42	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 33 00-0072	GAL	Varnish, Clear	39.40	
09 91 33 00-0073	GAL	Penetrating Water-Repellent Stain	28.61	
09 91 33 00-0074	GAL	Redwood Hue Or Clear Stain	25.57	
09 91 33 00-0075	GAL	Polyurethane	44.90	
09 91 33 00-0076	GAL	Lacquer, Semi-Gloss	46.87	
09 91 33 00-0077	GAL	Shellac, Clear	61.49	
09 91 33 00-0078	GAL	Acetone	20.28	
09 91 33 00-0079	GAL	Paint Thinner	5.01	
09 91 33 00-0080	GAL	Shellac Or Lacquer Thinner	20.54	
09 91 33 00-0081	GAL	Turpentine	28.24	
09 91 33 00-0082	GAL	Wood Filler Paste	48.27	
09 91 33 00-0083	GAL	Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon	38.51	
09 91 33 00-0084	GAL	Waterbased Alkyd Urethane (Sherwin Williams B53W01153)	98.90	

09 91 43 Surface Preparation *(09 91)*

See CSI section 09 01 90 52-0000 for preparation on painted or unpainted surfaces.

09 91 43 00-0001 Protection Of Surfaces *(09 91 43)*

09 91 43 00-0002	SF	Drop Cloths Note: Remove after use.	0.37
09 91 43 00-0003	LF	Painter Masking Tape Note: Remove after use.	0.25

09 93 Staining and Transparent Finishing *(09 90)*

Note: Includes light sanding or screening between coats.

09 93 13 Exterior Staining and Finishing *(09 93)*

09 93 13 13 Exterior Staining *(09 93 13)*

09 93 13 13-0001 Wood Wall, Deck, Ceiling Finishes *(09 93 13 13)*

09 93 13 13-0002 Stain Wood Walls *(09 93 13 13-0001)*

09 93 13 13-0003 Stain Smooth Wood Walls *(09 93 13 13-0002)*

Note: Includes tongue and groove, beveled, drop or board and batten siding.

09 93 13 13-0004	SF	Stain Exterior Wood Smooth Siding, 1 Coat Stain, Brush Work	0.85
		For Work >20' To 30' Above Floor, Add	*0.17*
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	*0.54*
		For >100 To 250, Add	*0.26*
		For >250 To 500, Add	*0.11*
		For >2,500 To 5,000, Deduct	*-0.04*
		For >5,000 To 10,000, Deduct	*-0.09*
		For >10,000 To 20,000, Deduct	*-0.13*
		For >20,000, Deduct	*-0.17*
09 93 13 13-0005	SF	Stain Exterior Wood Smooth Siding, 2 Coats Stain, Brush Work	1.54
		For Work >20' To 30' Above Floor, Add	*0.30*
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	*0.96*
		For >100 To 250, Add	*0.46*
		For >250 To 500, Add	*0.20*
		For >2,500 To 5,000, Deduct	*-0.08*
		For >5,000 To 10,000, Deduct	*-0.15*
		For >10,000 To 20,000, Deduct	*-0.23*
		For >20,000, Deduct	*-0.31*
09 93 13 13-0006	SF	Stain Exterior Wood Smooth Siding, 1 Coat Stain, Sprayed	0.65
		For Work >20' To 30' Above Floor, Add	*0.11*
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	*0.36*
		For >100 To 250, Add	*0.17*
		For >250 To 500, Add	*0.08*
		For >2,500 To 5,000, Deduct	*-0.03*
		For >5,000 To 10,000, Deduct	*-0.07*
		For >10,000 To 20,000, Deduct	*-0.10*
		For >20,000, Deduct	*-0.13*
09 93 13 13-0007	SF	Stain Exterior Wood Smooth Siding, 2 Coats Stain, Sprayed	1.07
		For Work >20' To 30' Above Floor, Add	*0.17*
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	*0.56*
		For >100 To 250, Add	*0.27*
		For >250 To 500, Add	*0.12*
		For >2,500 To 5,000, Deduct	*-0.05*
		For >5,000 To 10,000, Deduct	*-0.11*
		For >10,000 To 20,000, Deduct	*-0.16*
		For >20,000, Deduct	*-0.21*

09 93 13 13-0008 Stain Rough Wood Walls *(09 93 13 13-0002)*

Note: Includes shingles, shakes or rough sawn siding.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 13 13-0009	SF	Stain Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 1 Coat Stain, Brush Work	1.26	
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 93 13 13-0010	SF	Stain Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 2 Coats Stain, Brush Work	2.33	
		For Work >20' To 30' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.55*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	
09 93 13 13-0011	SF	Stain Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 1 Coat Stain, Sprayed	0.96	
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 93 13 13-0012	SF	Stain Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 2 Coats Stain, Sprayed	1.81	
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
09 93 13 13-0013		Stain Wood Ceilings *(09 93 13 13-0001)*		
09 93 13 13-0014		Stain Smooth Wood Ceilings *(09 93 13 13-0013)*		
		Note: Includes tongue and groove, beveled, drop or board and batten siding.		
09 93 13 13-0015	SF	Stain Exterior Wood Smooth Ceiling, 1 Coat Stain, Brush Work	0.94	
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 93 13 13-0016	SF	Stain Exterior Wood Smooth Ceiling, 2 Coats Stain, Brush Work	1.72	
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 93 13 13-0017	SF	Stain Exterior Wood Smooth Ceiling, 1 Coat Stain, Sprayed	0.59	
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 93 13 13-0018	SF	Stain Exterior Wood Smooth Ceiling, 2 Coats Stain, Sprayed	1.10	
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 13 13-0019			Ceilings Rough Wood *(09 93 13 13-0013)*		
			Note: Includes shingles, shakes or rough sawn siding.		
09 93 13 13-0020		SF	Stain Exterior Wood Rough Ceiling, 1 Coat Stain, Brush Work	1.38	
			For Work >20' To 30' Above Floor, Add	*0.31*	
			Note: Applied only to work area above 20'.		
			For Up To 100, Add	*0.94*	
			For >100 To 250, Add	*0.44*	
			For >250 To 500, Add	*0.19*	
			For >2,500 To 5,000, Deduct	*-0.07*	
			For >5,000 To 10,000, Deduct	*-0.14*	
			For >10,000 To 20,000, Deduct	*-0.21*	
			For >20,000, Deduct	*-0.28*	
09 93 13 13-0021		SF	Stain Exterior Wood Rough Ceiling, 2 Coats Stain, Brush Work	2.41	
			For Work >20' To 30' Above Floor, Add	*0.52*	
			Note: Applied only to work area above 20'.		
			For Up To 100, Add	*1.61*	
			For >100 To 250, Add	*0.76*	
			For >250 To 500, Add	*0.33*	
			For >2,500 To 5,000, Deduct	*-0.12*	
			For >5,000 To 10,000, Deduct	*-0.24*	
			For >10,000 To 20,000, Deduct	*-0.36*	
			For >20,000, Deduct	*-0.48*	
09 93 13 13-0022		SF	Stain Exterior Wood Rough Ceiling, 1 Coat Stain, Sprayed	1.06	
			For Work >20' To 30' Above Floor, Add	*0.19*	
			Note: Applied only to work area above 20'.		
			For Up To 100, Add	*0.62*	
			For >100 To 250, Add	*0.30*	
			For >250 To 500, Add	*0.13*	
			For >2,500 To 5,000, Deduct	*-0.05*	
			For >5,000 To 10,000, Deduct	*-0.11*	
			For >10,000 To 20,000, Deduct	*-0.16*	
			For >20,000, Deduct	*-0.21*	
09 93 13 13-0023		SF	Stain Exterior Wood Rough Ceiling, 2 Coats Stain, Sprayed	1.92	
			For Work >20' To 30' Above Floor, Add	*0.33*	
			Note: Applied only to work area above 20'.		
			For Up To 100, Add	*1.08*	
			For >100 To 250, Add	*0.52*	
			For >250 To 500, Add	*0.23*	
			For >2,500 To 5,000, Deduct	*-0.10*	
			For >5,000 To 10,000, Deduct	*-0.19*	
			For >10,000 To 20,000, Deduct	*-0.29*	
			For >20,000, Deduct	*-0.38*	
09 93 13 13-0024			Stain Wood Decks *(09 93 13 13-0001)*		
09 93 13 13-0025		SF	Stain Exterior Wood Floors And Decks, 1 Coat Stain, Brush Work	0.77	
			For Oil Based Paint, Add	*0.05*	
			For Up To 100, Add	*0.48*	
			For >100 To 250, Add	*0.23*	
			For >250 To 500, Add	*0.10*	
			For >2,500 To 5,000, Deduct	*-0.04*	
			For >5,000 To 10,000, Deduct	*-0.08*	
			For >10,000 To 20,000, Deduct	*-0.12*	
			For >20,000, Deduct	*-0.15*	
09 93 13 13-0026		SF	Stain Exterior Wood Floors And Decks, 2 Coats Stain, Brush Work	1.46	
			For Oil Based Paint, Add	*0.09*	
			For Up To 100, Add	*0.90*	
			For >100 To 250, Add	*0.43*	
			For >250 To 500, Add	*0.19*	
			For >2,500 To 5,000, Deduct	*-0.07*	
			For >5,000 To 10,000, Deduct	*-0.15*	
			For >10,000 To 20,000, Deduct	*-0.22*	
			For >20,000, Deduct	*-0.29*	
09 93 13 13-0027		SF	Stain Exterior Wood Floors And Decks, 1 Coat Stain, Sprayed	0.49	
			For Oil Based Paint, Add	*0.03*	
			For Up To 100, Add	*0.27*	
			For >100 To 250, Add	*0.13*	
			For >250 To 500, Add	*0.06*	
			For >2,500 To 5,000, Deduct	*-0.02*	
			For >5,000 To 10,000, Deduct	*-0.05*	
			For >10,000 To 20,000, Deduct	*-0.07*	
			For >20,000, Deduct	*-0.10*	
09 93 13 13-0028		SF	Stain Exterior Wood Floors And Decks, 2 Coats Stain, Sprayed	0.99	
			For Oil Based Paint, Add	*0.07*	
			For Up To 100, Add	*0.54*	
			For >100 To 250, Add	*0.26*	
			For >250 To 500, Add	*0.12*	
			For >2,500 To 5,000, Deduct	*-0.05*	
			For >5,000 To 10,000, Deduct	*-0.10*	
			For >10,000 To 20,000, Deduct	*-0.15*	
			For >20,000, Deduct	*-0.20*	
09 93 13 13-0029			Stain Wood Posts And Trim *(09 93 13 13-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 13 13-0030	SF	Stain Exterior Wood Posts And Trim, 1 Coat Stain, Brush Work	1.39	
		For Oil Based Paint, Add	*0.08*	
09 93 13 13-0031	SF	Stain Exterior Wood Posts And Trim, 2 Coats Stain, Brush Work	2.53	
		For Oil Based Paint, Add	*0.15*	
09 93 13 13-0032	SF	Stain Exterior Wood Posts And Trim, 1 Coat Stain, Sprayed	1.13	
		For Oil Based Paint, Add	*0.07*	
09 93 13 13-0033	SF	Stain Exterior Wood Posts And Trim, 2 Coats Stain, Sprayed	2.12	
		For Oil Based Paint, Add	*0.13*	
09 93 13 13-0034		**Pre-Stain Wood Conditioner** *(09 93 13 13)*		
		Note: Measured by surface area of wall or ceiling.		
09 93 13 13-0035	SF	Pre-Stain Wood Conditioner, Brush/Roller Work	0.78	
		For Ceiling Work, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.05*	
		For >20,000, Deduct	*-0.07*	
09 93 13 13-0036		**Rustic Brown Stain, Field Applied (Natina Or Equal)** *(09 93 13 13)*		
09 93 13 13-0037	LF	Stain Existing Chain Link Fence, Up To 6' Height, Rustic Brown Finish	9.71	
		Note: Includes posts and both sides		
09 93 13 13-0038	LF	Stain Existing Chain Link Fence, >6' To 10' Height, Rustic Brown Finish	16.17	
		Note: Includes posts and both sides		
09 93 13 13-0039	LF	Stain Existing Cable Barrier Fence, Rustic Brown Finish	5.33	
		Note: Includes posts and all sides		
09 93 13 13-0040	EA	Stain Existing Gate, Up To 6' Wide, Rustic Brown Finish	139.67	
		Note: Includes posts and both sides		
09 93 13 13-0041	EA	Stain Existing Gate, >6' To 10' Wide, Rustic Brown Finish	232.78	
		Note: Includes posts and both sides		
09 93 13 13-0042	EA	Stain Existing Gate, >10' To 16' Wide, Rustic Brown Finish	372.44	
		Note: Includes posts and both sides		
09 93 13 13-0043	LF	Stain Existing Up To 4" Diameter Pole, Rustic Brown Finish	2.87	
09 93 13 13-0044	LF	Stain Existing 6" To 8" Diameter Pole, Rustic Brown Finish	3.69	
09 93 13 13-0045	LF	Stain Existing 10" To 12" Diameter Pole, Rustic Brown Finish	4.97	
09 93 13 13-0046	SF	Stain Existing Steel Surface, Rustic Brown Finish	1.13	
		Note: Single side		
09 93 13 53		**Exterior Finishing** *(09 93 13)*		
09 93 13 53-0001		**Stain Sealer** *(09 93 13 53)*		
		Note: Measured by surface area of wall or ceiling.		
09 93 13 53-0002	SF	Stain Sealer, Brush Work	0.86	
		For Ceiling Work, Add	*0.11*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.05*	
		For >20,000, Deduct	*-0.07*	
09 93 13 53-0003	SF	Stain Sealer, Brush/Roller Work	0.69	
		For Ceiling Work, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.06*	
09 93 13 53-0004	SF	Stain Sealer, Sprayed	0.28	
		For Ceiling Work, Add	*0.03*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.03*	
09 93 23		**Interior Staining and Finishing** *(09 93)*		
		Note: VOC compliant in all regulated areas, review specifications for levels.		
09 93 23 13		**Interior Staining** *(09 93 23)*		
09 93 23 13-0001		**Stain Wood Trim** *(09 93 23 13)*		
09 93 23 13-0002	LF	Stain Wood Trim, Up To 6" Wide, 1 Coat Stain, With Brush And Wipe Off	1.04	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >4,000, Deduct	*-0.05*	
09 93 23 13-0003	SF	Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off	1.54	
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >4,000, Deduct	*-0.08*	
09 93 23 13-0004		**Stain Wood Floor** *(09 93 23 13)*		
09 93 23 13-0005	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush Work	0.50	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >4,000, Deduct	*-0.03*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 13-0006	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush/Roller Work	0.38	
		For Up To 100, Add	*0.21*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >4,000, Deduct	*-0.02*	
09 93 23 13-0007		Stain Wood Door And Window *(09 93 23 13)*		
09 93 23 13-0008	EA	Stain Wood Door, 1 Coat Stain With Brush And Wipe Off Wood Door (Per Face)	49.82	
		For Up To 4, Add	*36.17*	
		For >4 To 10, Add	*16.94*	
		For >10 To 20, Add	*7.27*	
		For >160, Deduct	*-2.49*	
09 93 23 13-0009	EA	Stain Wood Window, 1 Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face)	35.71	
		For Up To 4, Add	*25.02*	
		For >4 To 10, Add	*11.76*	
		For >10 To 20, Add	*5.06*	
		For >160, Deduct	*-1.79*	
09 93 23 13-0010		Stain Wood Cabinet *(09 93 23 13)*		
09 93 23 13-0011	SF	Stain Cabinet, 1 Coat Stain With Brush And Wipe	1.25	
09 93 23 53		**Interior Finishing** ***(09 93 23)***		
09 93 23 53-0001		Concrete Finishes *(09 93 23 53)*		
09 93 23 53-0002	SF	Finish Concrete Floor, 1 Coat Polyurethane	0.76	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >4,000, Deduct	*-0.04*	
09 93 23 53-0003		Wood Trim Finishes *(09 93 23 53)*		
09 93 23 53-0004	SF	Finish Wood Trim, 1 Coat Sealer And 1 Coat Varnish Or Polyurethane	1.28	
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >4,000, Deduct	*-0.06*	
09 93 23 53-0005	SF	Finish Wood Trim, 1 Coat Varnish Or Polyurethane	0.84	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >4,000, Deduct	*-0.04*	
09 93 23 53-0006		Wood Floor Finishes *(09 93 23 53)*		
09 93 23 53-0007	SF	Refinish Wood Floor, 2 Coats Polyurethane Note: Includes sanding existing floor.	2.85	
		For Up To 100, Add	*2.01*	
		For >100 To 250, Add	*0.94*	
		For >250 To 500, Add	*0.41*	
		For >4,000, Deduct	*-0.14*	
09 93 23 53-0008	SF	Polyurethane Wood Floor, 1 Coat Polyurethane, With Wool Applicator Or Brush Work Note: Includes screening between coats.	0.65	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >4,000, Deduct	*-0.03*	
09 93 23 53-0009	SF	Refinish Wood Floor, 1 Coat Sealer And 2 Coats Polyurethane Note: Includes sanding existing floor.	3.25	
		For Up To 100, Add	*2.26*	
		For >100 To 250, Add	*1.07*	
		For >250 To 500, Add	*0.46*	
		For >4,000, Deduct	*-0.16*	
09 93 23 53-0010		Wood Door And Window Finishes *(09 93 23 53)* See CSI section 08 14 16 00-0783 for factory finish.		
09 93 23 53-0011	EA	Varnish Or Polyurethane Wood Door, 1 Coat Shellac (Per Face)	36.01	
		For Up To 4, Add	*26.06*	
		For >4 To 10, Add	*12.21*	
		For >10 To 20, Add	*5.24*	
		For >160, Deduct	*-1.80*	
09 93 23 53-0012	EA	Varnish Or Polyurethane Wood Door, 3 Coats Shellac, With Light Sanding Between Coats (Per Face)	109.58	
		For Up To 4, Add	*77.83*	
		For >4 To 10, Add	*36.54*	
		For >10 To 20, Add	*15.71*	
		For >160, Deduct	*-5.48*	
09 93 23 53-0013		Cabinet Finishes *(09 93 23 53)*		
09 93 23 53-0014	SF	Finish Cabinet, 1 Coat Shellac, Varnish Or Polyurethane	1.26	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 53-0015		Gym, Stage And Dance Floor Finishes *(09 93 23 53)*		
09 93 23 53-0016	SF	Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.	0.84	
09 93 23 53-0017	SF	Finish New Elementary School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.68	
		For Stage Or Dance Floors, Deduct	*-0.07*	
09 93 23 53-0018	SF	Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.76	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0019	SF	Finish New High School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.84	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0020	SF	Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.68	
		For Stage Or Dance Floors, Deduct	*-0.07*	
09 93 23 53-0021	SF	Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.76	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0022	SF	Refinish Existing High School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.84	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0023	EA	Minimum Service Charge For Repair Of Wood Gym, Stage Or Dance Floor	699.61	

09 96 High-Performance Coatings *(09 90)*

09 96 23 Graffiti-Resistant Coatings *(09 96)*

09 96 23 00-0001		Anti-Graffiti Coating *(09 96 23)*		
09 96 23 00-0002	SF	Sacrificial Anti-Graffiti Coating, Per Coat	1.35	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
09 96 23 00-0003	SF	Permanent (Non-Sacrificial) Anti-Graffiti Coating, Per Coat	1.45	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	

09 96 53 Elastomeric Coatings *(09 96)*

09 96 53 00-0001		Elastomeric *(09 96 53)* Note: Per coat.		
09 96 53 00-0002	SF	1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Walls And Floors	0.81	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0003	SF	1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Walls And Floors	0.69	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 96 53 00-0004	SF	1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Walls And Floors	0.62	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 96 53 00-0005	SF	1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Walls And Floors	1.82	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
09 96 53 00-0006	SF	1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Walls And Floors	1.71	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 96 53 00-0007	SF	1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Walls And Floors	1.95	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0008	SF	1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Ceilings And Overhead	0.91	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 96 53 00-0009	SF	1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Ceilings And Overhead	0.77	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 96 53 00-0010	SF	1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Ceilings And Overhead	0.69	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 96 53 00-0011	SF	1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Ceilings And Overhead	1.94	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
09 96 53 00-0012	SF	1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Ceilings And Overhead	1.81	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0013	SF	1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Ceilings And Overhead	2.03	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.41*	
09 96 53 00-0014	SF	1 Coat, 20 Wet Mils, Brush Work, Two-Part Elastomeric Epoxy Paint Applied To Walls And Floors (Sherwin Williams RESUFLOR 3555V)	2.19	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 96 53 00-0015	SF	1 Coat, 20 Wet Mils, Brush/Roller Work, Two-Part Elastomeric Epoxy Paint Applied To Walls And Floors (Sherwin Williams RESUFLOR 3555V)	2.08	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	
09 96 53 00-0016	SF	1 Coat, 20 Wet Mils, Brush Work, Two-Part Elastomeric Epoxy Paint Applied To Ceilings And Overhead (Sherwin Williams RESUFLOR 3555V)	2.31	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.46*	
09 96 53 00-0017	SF	1 Coat, 20 Wet Mils, Brush/Roller Work, Two-Part Elastomeric Epoxy Paint Applied To Ceilings And Overhead (Sherwin Williams RESUFLOR 3555V)	2.18	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	

09 96 56 Epoxy Coatings *(09 96)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 56 00-0001		**High Build Epoxy** *(09 96 56)*		
09 96 56 00-0002	SF	50 Mil, High Build Epoxy	2.93	
09 96 56 00-0003		**Laminated Epoxy With Fiberglass** *(09 96 56)*		
09 96 56 00-0004	SF	Laminated Epoxy With Fiberglass	5.33	
09 96 66		**Aggregate Wall Coatings** *(09 96)*		
09 96 66 00-0001		**Troweled On** *(09 96 66)*		
09 96 66 00-0002	SF	Exposed Aggregate - 1/16" To 1/4" - Troweled On	4.11	
09 96 66 00-0003	SF	Exposed Aggregate - 1/2" To 5/8" Troweled On	7.35	
09 96 66 00-0004	SF	Exposed Aggregate - 1" Troweled On	11.03	
09 96 66 00-0005		**Sprayed On** *(09 96 66)*		
09 96 66 00-0006	SF	Exposed Aggregate - 1/8" - Sprayed On	3.36	
09 97		**Special Coatings** *(09 90)*		
09 97 13		**Steel Coatings** *(09 97)*		
09 97 13 23		**Exterior Steel Coatings** *(09 97 13)*		
		Note: Steel Structure Painting Council, SSPC; Surface Preparation, SP.		
09 97 13 23-0001		**Surface Preparation For Structural Steel** *(09 97 13 23)*		
		Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.		
09 97 13 23-0002		**SSPC SP1 Chemical Or Steam Cleaning Surface Preparation For Structural Steel** *(09 97 13 23-0001)*		
		Note: Solvent Cleaning is a method for removing all visible oil, grease, soil, drawing and cutting compounds and other soluble contaminants. Solvent cleaning does not remove rust or mill scale. Change rags and cleaning solution frequently so that deposits of oil and grease are not spread over additional areas in the cleaning process. Be sure to allow adequate ventilation. For complete instructions, refer to Society of Protective Coatings Surface Preparation Specification No. 1.		
09 97 13 23-0003	SF	Type 1 Structural Steel SP1 Chemical Or Steam Cleaning Surface Preparation	0.68	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
09 97 13 23-0004	SF	Type 2 Structural Steel SP1 Chemical Or Steam Cleaning Surface Preparation	0.65	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 97 13 23-0005	SF	Type 3 Structural Steel SP1 Chemical Or Steam Cleaning Surface Preparation	0.65	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 97 13 23-0006	SF	Up To 14" Diameter Pipe SP1 Chemical Or Steam Cleaning Surface Preparation	0.88	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
09 97 13 23-0007	SF	>14" Diameter Pipe SP1 Chemical Or Steam Cleaning Surface Preparation	0.79	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
09 97 13 23-0008		**SSPC SP2 Hand Tool Cleaning Surface Preparation For Structural Steel** *(09 97 13 23-0001)*		
		Note: Hand Tool Cleaning removes all loose mill scale, loose rust and other detrimental foreign matter. It is not intended that adherent mill scale, rust and paint be removed by this process. Mill scale, rust, and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before hand tool cleaning, remove visible oil, grease, soluble welding residues and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Society of Protective Coatings Surface Preparation Specification No. 2 or ISO 8501-1 St 3.		
09 97 13 23-0009	SF	Type 1 Structural Steel SP2 Hand Tool Cleaning Surface Preparation	1.36	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.20*	
09 97 13 23-0010	SF	Type 2 Structural Steel SP2 Hand Tool Cleaning Surface Preparation	1.30	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
09 97 13 23-0011	SF	Type 3 Structural Steel SP2 Hand Tool Cleaning Surface Preparation	1.30	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
09 97 13 23-0012	SF	Up To 14" Diameter Pipe SP2 Hand Tool Cleaning Surface Preparation	1.77	
		For Up To 100, Add	*1.33*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0013	SF	>14" Diameter Pipe SP2 Hand Tool Cleaning Surface Preparation	1.59	
		For Up To 100, Add	*1.19*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	

09 97 13 23-0014 SSPC SP3 Power Tool Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: Power Tool Cleaning removes all loose mill scale, loose rust and other detrimental foreign matter. It is not intended that adherent mill scale, rust and paint be removed by this process. Mill scale, rust and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before power tool cleaning, remove visible oil, grease, soluble welding residues and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Society of Protective Coatings Surface Preparation Specification No. 3 or ISO 8501-1 St 3.

09 97 13 23-0015	SF	Type 1 Structural Steel SP3 Power Tool Cleaning Surface Preparation	1.71	
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
09 97 13 23-0016	SF	Type 2 Structural Steel SP3 Power Tool Cleaning Surface Preparation	1.64	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0017	SF	Type 3 Structural Steel SP3 Power Tool Cleaning Surface Preparation	1.64	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0018	SF	Up To 14" Diameter Pipe SP3 Power Tool Cleaning Surface Preparation	2.22	
		For Up To 100, Add	*1.67*	
		For >100 To 250, Add	*0.78*	
		For >250 To 500, Add	*0.33*	
09 97 13 23-0019	SF	>14" Diameter Pipe SP3 Power Tool Cleaning Surface Preparation	2.00	
		For Up To 100, Add	*1.50*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	

09 97 13 23-0020 SSPC SP5 White Metal Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A White Metal Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete Instructions, refer to Joint Surface Preparation Standard SSPC-SP5/NACE 1 or ISO 8501-1 Sa 3.

09 97 13 23-0021	SF	Type 1 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	4.88	
		For Up To 100, Add	*3.50*	
		For >100 To 250, Add	*1.64*	
		For >250 To 500, Add	*0.71*	
09 97 13 23-0022	SF	Type 2 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	4.18	
		For Up To 100, Add	*2.99*	
		For >100 To 250, Add	*1.40*	
		For >250 To 500, Add	*0.60*	
09 97 13 23-0023	SF	Type 3 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	3.84	
		For Up To 100, Add	*2.74*	
		For >100 To 250, Add	*1.28*	
		For >250 To 500, Add	*0.55*	
09 97 13 23-0024	SF	Up To 14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation	5.91	
		For Up To 100, Add	*4.28*	
		For >100 To 250, Add	*2.00*	
		For >250 To 500, Add	*0.86*	
09 97 13 23-0025	SF	>14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation	5.35	
		For Up To 100, Add	*3.86*	
		For >100 To 250, Add	*1.81*	
		For >250 To 500, Add	*0.78*	

09 97 13 23-0026 SSPC SP6 Commercial Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A Commercial Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 33% of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP6/NACE 3 or ISO 8501-1 Sa 2.

09 97 13 23-0027	SF	Type 1 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	2.51	
		For Up To 100, Add	*1.79*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.36*	
09 97 13 23-0028	SF	Type 2 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	2.18	
		For Up To 100, Add	*1.55*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.31*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0029		SF	Type 3 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	2.02	
			For Up To 100, Add	*1.43*	
			For >100 To 250, Add	*0.67*	
			For >250 To 500, Add	*0.29*	
09 97 13 23-0030		SF	Up To 14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation	3.14	
			For Up To 100, Add	*2.27*	
			For >100 To 250, Add	*1.06*	
			For >250 To 500, Add	*0.46*	
09 97 13 23-0031		SF	>14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation	2.84	
			For Up To 100, Add	*2.04*	
			For >100 To 250, Add	*0.96*	
			For >250 To 500, Add	*0.41*	

09 97 13 23-0032 SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A Brush-Off Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust and loose paint. Tightly adherent mill scale, rust and paint may remain on the surface. Mill scale, rust and coating are considered adherent if they cannot be removed by lifting with a dull putty knife after abrasive blast cleaning has been performed. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP11

09 97 13 23-0033		SF	Type 1 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.97	
			For Up To 100, Add	*0.68*	
			For >100 To 250, Add	*0.32*	
			For >250 To 500, Add	*0.14*	
09 97 13 23-0034		SF	Type 2 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.86	
			For Up To 100, Add	*0.60*	
			For >100 To 250, Add	*0.28*	
			For >250 To 500, Add	*0.12*	
09 97 13 23-0035		SF	Type 3 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.85	
			For Up To 100, Add	*0.60*	
			For >100 To 250, Add	*0.28*	
			For >250 To 500, Add	*0.12*	
09 97 13 23-0036		SF	Up To 14" Diameter Pipe SP7 Brush Off Blast Cleaning Surface Preparation	1.22	
			For Up To 100, Add	*0.86*	
			For >100 To 250, Add	*0.40*	
			For >250 To 500, Add	*0.17*	
09 97 13 23-0037		SF	>14" Diameter Pipe SP7 Brush Off Blast Cleaning Surface Preparation	1.11	
			For Up To 100, Add	*0.78*	
			For >100 To 250, Add	*0.37*	
			For >250 To 500, Add	*0.16*	

09 97 13 23-0038 SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A Near-White Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 5 percent of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP10/NACE 2 or ISO 8501-1 Sa 2.5.

09 97 13 23-0039		SF	Type 1 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	3.64	
			For Up To 100, Add	*2.60*	
			For >100 To 250, Add	*1.22*	
			For >250 To 500, Add	*0.53*	
09 97 13 23-0040		SF	Type 2 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	3.10	
			For Up To 100, Add	*2.21*	
			For >100 To 250, Add	*1.04*	
			For >250 To 500, Add	*0.45*	
09 97 13 23-0041		SF	Type 3 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	2.93	
			For Up To 100, Add	*2.08*	
			For >100 To 250, Add	*0.98*	
			For >250 To 500, Add	*0.42*	
09 97 13 23-0042		SF	Up To 14" Diameter Pipe SP10 Near White Metal Blast Cleaning Surface Preparation	4.30	
			For Up To 100, Add	*3.11*	
			For >100 To 250, Add	*1.46*	
			For >250 To 500, Add	*0.63*	
09 97 13 23-0043		SF	>14" Diameter Pipe SP10 Near White Metal Blast Cleaning Surface Preparation	3.89	
			For Up To 100, Add	*2.80*	
			For >100 To 250, Add	*1.31*	
			For >250 To 500, Add	*0.56*	

09 97 13 23-0044 SSPC SP11 Bare Metal Power Tool Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: Metallic surfaces that are prepared according to this specification, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxide corrosion products and other foreign matter. Slight residues of rust and paint may be left in the lower portions of pits if the original surface is pitted. The profile shall not be less than 1 mil. Prior to power tool surface preparation, remove visible deposits of oil or grease by any of the methods specified in SSPC-SP1, Solvent Cleaning, or other agreed upon methods. For complete instructions, refer to Society of Protective Coatings Surface Preparation Specification No. 11.

09 97 13 23-0045		SF	Type 1 Structural Steel SP11 Bare Metal Power Tool Cleaning Surface Preparation	6.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0046	SF	Type 2 Structural Steel SP11 Bare Metal Power Tool Cleaning Surface Preparation	6.52	
09 97 13 23-0047	SF	Type 3 Structural Steel SP11 Bare Metal Power Tool Cleaning Surface Preparation	6.52	
09 97 13 23-0048	SF	Up To 14" Diameter Pipe SP11 Bare Metal Power Tool Cleaning Surface Preparation	8.82	
09 97 13 23-0049	SF	>14" Diameter Pipe SP11 Bare Metal Power Tool Cleaning Surface Preparation	7.94	
09 97 13 23-0050		Protective Coatings For Tanks And Structural Steel *(09 97 13 23)*		
		Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.		
09 97 13 23-0051		1.5 Mil Prime Coat For Structural Steel *(09 97 13 23-0050)*		
09 97 13 23-0052	SF	Spray Type 1 Structural Steel 1.5 Mil Prime Coat	1.13	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
09 97 13 23-0053	SF	Spray Type 2 Structural Steel 1.5 Mil Prime Coat	0.84	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 97 13 23-0054	SF	Spray Type 3 Structural Steel 1.5 Mil Prime Coat	0.76	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 97 13 23-0055	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.34	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 97 13 23-0056	SF	Brush Type 1 Structural Steel 1.5 Mil Prime Coat	1.34	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 97 13 23-0057	SF	Brush Type 2 Structural Steel 1.5 Mil Prime Coat	1.00	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
09 97 13 23-0058	SF	Brush Type 3 Structural Steel 1.5 Mil Prime Coat	0.90	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
09 97 13 23-0059	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.60	
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	
09 97 13 23-0060		1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Structural Steel *(09 97 13 23-0050)*		
09 97 13 23-0061	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.31	
		For Up To 100, Add	*2.13*	
		For >100 To 250, Add	*1.01*	
		For >250 To 500, Add	*0.44*	
09 97 13 23-0062	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.41	
		For Up To 100, Add	*1.48*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
09 97 13 23-0063	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.25	
		For Up To 100, Add	*1.36*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0064	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.02	
		For Up To 100, Add	*2.65*	
		For >100 To 250, Add	*1.25*	
		For >250 To 500, Add	*0.54*	
09 97 13 23-0065	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.49	
		For Up To 100, Add	*1.60*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
09 97 13 23-0066	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.81	
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
09 97 13 23-0067	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.67	
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
09 97 13 23-0068	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.02	
		For Up To 100, Add	*1.99*	
		For >100 To 250, Add	*0.94*	
		For >250 To 500, Add	*0.41*	
09 97 13 23-0069	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.26	
		For Up To 100, Add	*2.84*	
		For >100 To 250, Add	*1.34*	
		For >250 To 500, Add	*0.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0070	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.06	
		For Up To 100, Add	*1.97*	
		For >100 To 250, Add	*0.94*	
		For >250 To 500, Add	*0.41*	
09 97 13 23-0071	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.84	
		For Up To 100, Add	*1.81*	
		For >100 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.37*	
09 97 13 23-0072	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	5.19	
		For Up To 100, Add	*3.53*	
		For >100 To 250, Add	*1.66*	
		For >250 To 500, Add	*0.72*	
09 97 13 23-0073	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.19	
		For Up To 100, Add	*2.13*	
		For >100 To 250, Add	*1.01*	
		For >250 To 500, Add	*0.43*	
09 97 13 23-0074	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.29	
		For Up To 100, Add	*1.48*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	
09 97 13 23-0075	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.12	
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0076	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.90	
		For Up To 100, Add	*2.65*	
		For >100 To 250, Add	*1.25*	
		For >250 To 500, Add	*0.54*	

09 97 13 23-0077 Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Structural Steel *(09 97 13 23-0050)*

09 97 13 23-0078	SF	Spray Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.56	
		For Up To 100, Add	*1.66*	
		For >100 To 250, Add	*0.79*	
		For >250 To 500, Add	*0.34*	
09 97 13 23-0079	SF	Spray Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.10	
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0080	SF	Spray Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.92	
		For Up To 100, Add	*1.21*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0081	SF	Spray Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.16	
		For Up To 100, Add	*2.11*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.43*	
09 97 13 23-0082	SF	Spray Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.64	
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
09 97 13 23-0083	SF	Spray Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.34	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
09 97 13 23-0084	SF	Spray Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.23	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
09 97 13 23-0085	SF	Spray Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat	2.03	
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0086	SF	Brush Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.05	
		For Up To 100, Add	*2.03*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.41*	
09 97 13 23-0087	SF	Brush Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.48	
		For Up To 100, Add	*1.63*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.33*	
09 97 13 23-0088	SF	Brush Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.27	
		For Up To 100, Add	*1.47*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	
09 97 13 23-0089	SF	Brush Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.78	
		For Up To 100, Add	*2.57*	
		For >100 To 250, Add	*1.21*	
		For >250 To 500, Add	*0.52*	
09 97 13 23-0090	SF	Brush Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.94	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0091	SF	Brush Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat		1.59	
		For Up To 100, Add		*1.04*	
		For >100 To 250, Add		*0.49*	
		For >250 To 500, Add		*0.21*	
09 97 13 23-0092	SF	Brush Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat		1.46	
		For Up To 100, Add		*0.95*	
		For >100 To 250, Add		*0.45*	
		For >250 To 500, Add		*0.19*	
09 97 13 23-0093	SF	Brush Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat		2.43	
		For Up To 100, Add		*1.65*	
		For >100 To 250, Add		*0.78*	
		For >250 To 500, Add		*0.34*	
09 97 13 23-0094		2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Structural Steel *(09 97 13 23-0050)*			
09 97 13 23-0095	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		4.25	
		For Up To 100, Add		*2.47*	
		For >100 To 250, Add		*1.19*	
		For >250 To 500, Add		*0.52*	
09 97 13 23-0096	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		3.13	
		For Up To 100, Add		*1.70*	
		For >100 To 250, Add		*0.83*	
		For >250 To 500, Add		*0.36*	
09 97 13 23-0097	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		2.79	
		For Up To 100, Add		*1.44*	
		For >100 To 250, Add		*0.71*	
		For >250 To 500, Add		*0.31*	
09 97 13 23-0098	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		4.81	
		For Up To 100, Add		*2.87*	
		For >100 To 250, Add		*1.38*	
		For >250 To 500, Add		*0.60*	
09 97 13 23-0099	SF	Spray Type 1 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		2.98	
		For Up To 100, Add		*1.73*	
		For >100 To 250, Add		*0.83*	
		For >250 To 500, Add		*0.36*	
09 97 13 23-0100	SF	Spray Type 2 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		2.19	
		For Up To 100, Add		*1.19*	
		For >100 To 250, Add		*0.58*	
		For >250 To 500, Add		*0.25*	
09 97 13 23-0101	SF	Spray Type 3 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		1.95	
		For Up To 100, Add		*1.01*	
		For >100 To 250, Add		*0.49*	
		For >250 To 500, Add		*0.22*	
09 97 13 23-0102	SF	Spray Up To 14" Diameter Pipe Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats		3.36	
		For Up To 100, Add		*2.00*	
		For >100 To 250, Add		*0.96*	
		For >250 To 500, Add		*0.42*	
09 97 13 23-0103		2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Structural Steel *(09 97 13 23-0050)*			
09 97 13 23-0104	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats		4.59	
		For Up To 100, Add		*2.52*	
		For >100 To 250, Add		*1.22*	
		For >250 To 500, Add		*0.54*	
09 97 13 23-0105	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats		3.44	
		For Up To 100, Add		*1.75*	
		For >100 To 250, Add		*0.86*	
		For >250 To 500, Add		*0.38*	
09 97 13 23-0106	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats		3.10	
		For Up To 100, Add		*1.49*	
		For >100 To 250, Add		*0.74*	
		For >250 To 500, Add		*0.33*	
09 97 13 23-0107	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats		5.16	
		For Up To 100, Add		*2.92*	
		For >100 To 250, Add		*1.41*	
		For >250 To 500, Add		*0.62*	
09 97 13 23-0108	SF	Spray Type 1 Structural Steel Two 6 Mil High Build Epoxy Finish Coats		3.78	
		For Up To 100, Add		*2.08*	
		For >100 To 250, Add		*1.01*	
		For >250 To 500, Add		*0.44*	
09 97 13 23-0109	SF	Spray Type 2 Structural Steel Two 6 Mil High Build Epoxy Finish Coats		2.82	
		For Up To 100, Add		*1.43*	
		For >100 To 250, Add		*0.70*	
		For >250 To 500, Add		*0.31*	
09 97 13 23-0110	SF	Spray Type 3 Structural Steel Two 6 Mil High Build Epoxy Finish Coats		2.54	
		For Up To 100, Add		*1.22*	
		For >100 To 250, Add		*0.60*	
		For >250 To 500, Add		*0.27*	
09 97 13 23-0111	SF	Spray Up To 14" Diameter Pipe Two 6 Mil High Build Epoxy Finish Coats		4.24	
		For Up To 100, Add		*2.40*	
		For >100 To 250, Add		*1.16*	
		For >250 To 500, Add		*0.51*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0112		1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Structural Steel *(09 97 13 23-0050)*		
09 97 13 23-0113	SF	Spray Type 1 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	9.59	
		For Up To 100, Add	*5.43*	
		For >100 To 250, Add	*2.62*	
		For >250 To 500, Add	*1.14*	
09 97 13 23-0114	SF	Spray Type 2 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	7.33	
		For Up To 100, Add	*3.91*	
		For >100 To 250, Add	*1.91*	
		For >250 To 500, Add	*0.84*	
09 97 13 23-0115	SF	Spray Type 3 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	7.07	
		For Up To 100, Add	*3.72*	
		For >100 To 250, Add	*1.81*	
		For >250 To 500, Add	*0.80*	
09 97 13 23-0116	SF	Spray Up To 14" Diameter Pipe 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	11.09	
		For Up To 100, Add	*6.52*	
		For >100 To 250, Add	*3.13*	
		For >250 To 500, Add	*1.36*	
09 97 13 23-0117		1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Structural Steel *(09 97 13 23-0050)*		
09 97 13 23-0118	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	5.10	
		For Up To 100, Add	*2.66*	
		For >100 To 250, Add	*1.30*	
		For >250 To 500, Add	*0.57*	
09 97 13 23-0119	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	4.06	
		For Up To 100, Add	*1.89*	
		For >100 To 250, Add	*0.94*	
		For >250 To 500, Add	*0.42*	
09 97 13 23-0120	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.89	
		For Up To 100, Add	*1.76*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.39*	
09 97 13 23-0121	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	5.76	
		For Up To 100, Add	*3.11*	
		For >100 To 250, Add	*1.51*	
		For >250 To 500, Add	*0.66*	
09 97 13 23-0122	SF	Spray Type 1 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	4.03	
		For Up To 100, Add	*2.10*	
		For >100 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.45*	
09 97 13 23-0123	SF	Spray Type 2 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	3.21	
		For Up To 100, Add	*1.50*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.33*	
09 97 13 23-0124	SF	Spray Type 3 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	3.07	
		For Up To 100, Add	*1.39*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.31*	
09 97 13 23-0125	SF	Spray Up To 14" Diameter Pipe Two 4 Mil High Build Vinyl Finish Coats	4.55	
		For Up To 100, Add	*2.46*	
		For >100 To 250, Add	*1.20*	
		For >250 To 500, Add	*0.52*	
09 97 13 23-0126		Two 8 Mil Coal Tar Epoxy Coats For Structural Steel *(09 97 13 23-0050)*		
09 97 13 23-0127	SF	Spray Type 1 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	4.26	
		For Up To 100, Add	*2.54*	
		For >100 To 250, Add	*1.22*	
		For >250 To 500, Add	*0.53*	
09 97 13 23-0128	SF	Spray Type 2 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	3.47	
		For Up To 100, Add	*2.00*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.42*	
09 97 13 23-0129	SF	Spray Type 3 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	3.22	
		For Up To 100, Add	*1.82*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.38*	
09 97 13 23-0130	SF	Spray Up To 14" Diameter Pipe Two 8 Mil Coal Tar Epoxy Coats	5.23	
		For Up To 100, Add	*3.24*	
		For >100 To 250, Add	*1.55*	
		For >250 To 500, Add	*0.67*	
09 97 13 23-0131		One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Structural Steel *(09 97 13 23-0050)*		
09 97 13 23-0132	SF	Spray Type 1 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	4.08	
		For Up To 100, Add	*2.56*	
		For >100 To 250, Add	*1.22*	
		For >250 To 500, Add	*0.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0133	SF	Spray Type 2 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.92	
		For Up To 100, Add	*1.72*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.36*	
09 97 13 23-0134	SF	Spray Type 3 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.50	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.30*	
09 97 13 23-0135	SF	Spray Up To 14" Diameter Pipe One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	4.64	
		For Up To 100, Add	*2.95*	
		For >100 To 250, Add	*1.40*	
		For >250 To 500, Add	*0.61*	
09 97 13 23-0136		One 3 Mil High Zinc Silicate Coat For Structural Steel *(09 97 13 23-0050)*		
09 97 13 23-0137	SF	Spray Type 1 Structural Steel One 3 Mil High Zinc Silicate Coat	2.24	
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0138	SF	Spray Type 2 Structural Steel One 3 Mil High Zinc Silicate Coat	1.64	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
09 97 13 23-0139	SF	Spray Type 3 Structural Steel One 3 Mil High Zinc Silicate Coat	1.56	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.16*	
09 97 13 23-0140	SF	Spray Up To 14" Diameter Pipe One 3 Mil High Zinc Silicate Coat	2.35	
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
09 97 13 23-0141		Two 1.5 Mil Vinyl Enamel Finish Coats For Structural Steel *(09 97 13 23-0050)* Note: Installed over existing primer.		
09 97 13 23-0142	SF	Spray Type 1 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	3.40	
		For Up To 100, Add	*1.94*	
		For >100 To 250, Add	*0.94*	
		For >250 To 500, Add	*0.41*	
09 97 13 23-0143	SF	Spray Type 2 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	2.79	
		For Up To 100, Add	*1.54*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.33*	
09 97 13 23-0144	SF	Spray Type 3 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	2.45	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0145	SF	Spray Up To 14" Diameter Pipe Two 1.5 Mil Vinyl Enamel Finish Coats	3.95	
		For Up To 100, Add	*2.33*	
		For >100 To 250, Add	*1.12*	
		For >250 To 500, Add	*0.49*	
09 97 13 23-0146		Two 6 Mil Modified Polyamine Epoxy Coats For Pipe Interior *(09 97 13 23-0050)*		
09 97 13 23-0147	SF	Spray Two 6 Mil Modified Polyamine Epoxy Coats For Pipe Interior	7.33	
		For Up To 100, Add	*4.63*	
		For >100 To 250, Add	*2.20*	
		For >250 To 500, Add	*0.95*	
09 97 13 23-0148		One 3 Mil Aromatic Urethane Zinc Primer And Two 5 Mil Polyamidoamine Epoxy Finish Coats For Pipe Exterior *(09 97 13 23-0050)*		
09 97 13 23-0149	SF	Spray Up To 14" Diameter Pipe One 3 Mil Aromatic Urethane Zinc Primer And Two 5 Mil Polyamidoamine Epoxy Finish Coats For Pipe Exterior	4.94	
		For Up To 100, Add	*2.51*	
		For >100 To 250, Add	*1.23*	
		For >250 To 500, Add	*0.54*	
09 97 13 23-0150	SF	Spray >14" Diameter Pipe One 3 Mil Aromatic Urethane Zinc Primer And Two 5 Mil Polyamidoamine Epoxy Finish Coats For Pipe Exterior	4.78	
		For Up To 100, Add	*2.39*	
		For >100 To 250, Add	*1.17*	
		For >250 To 500, Add	*0.52*	
09 97 13 23-0151		Hot Stick Galvanizing *(09 97 13 23)*		
09 97 13 23-0152	SI	Hot Stick Galvanizing Note: Includes wire brush cleaning, heating with torch, applying stick galvanizing and final wire brush cleaning.	3.27	

09 97 13 24 Steel Water Storage Tank Painting *(09 97 13)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0001		Surface Preparation For Tanks *(09 97 13 24)* Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.		
09 97 13 24-0002		SSPC SP1 Chemical Or Steam Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0003	SF	Small Vessel/Tank SP1 Chemical Or Steam Cleaning Surface Preparation	0.65	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 97 13 24-0004	SF	Large Vessel/Tank SP1 Chemical Or Steam Cleaning Surface Preparation	0.58	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
09 97 13 24-0005	SF	Vessel/Tank Interior SP1 Chemical Or Steam Cleaning Surface Preparation	0.81	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
09 97 13 24-0006		SSPC SP2 Or 3 Hand Or Power Tool Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0007	SF	Small Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.30	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
09 97 13 24-0008	SF	Large Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.15	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
09 97 13 24-0009	SF	Vessel/Tank Interior SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.63	
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.24*	
09 97 13 24-0010		SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0011	SF	Small Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.82	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
09 97 13 24-0012	SF	Large Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.67	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
09 97 13 24-0013	SF	Vessel/Tank Interior SP7 Brush Off Blast Cleaning Surface Preparation	1.16	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 97 13 24-0014		SSPC SP6 Commercial Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0015	SF	Small Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	2.02	
		For Up To 100, Add	*1.43*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	
09 97 13 24-0016	SF	Large Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	1.85	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
09 97 13 24-0017	SF	Vessel/Tank Interior SP6 Commercial Blast Cleaning Surface Preparation	2.71	
		For Up To 100, Add	*1.95*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.39*	
09 97 13 24-0018		SSPC SP5 White Metal Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0019	SF	Small Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	3.67	
		For Up To 100, Add	*2.61*	
		For >100 To 250, Add	*1.22*	
		For >250 To 500, Add	*0.53*	
09 97 13 24-0020	SF	Large Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	3.49	
		For Up To 100, Add	*2.47*	
		For >100 To 250, Add	*1.16*	
		For >250 To 500, Add	*0.50*	
09 97 13 24-0021	SF	Vessel/Tank Interior SP5 White Metal Blast Cleaning Surface Preparation	5.12	
		For Up To 100, Add	*3.70*	
		For >100 To 250, Add	*1.73*	
		For >250 To 500, Add	*0.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0022		SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0023	SF	Small Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	2.92	
		For Up To 100, Add	*2.08*	
		For >100 To 250, Add	*0.98*	
		For >250 To 500, Add	*0.42*	
09 97 13 24-0024	SF	Large Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	2.92	
		For Up To 100, Add	*2.08*	
		For >100 To 250, Add	*0.98*	
		For >250 To 500, Add	*0.42*	
09 97 13 24-0025	SF	Vessel/Tank Interior SP10 Near White Metal Blast Cleaning Surface Preparation	4.29	
		For Up To 100, Add	*3.11*	
		For >100 To 250, Add	*1.46*	
		For >250 To 500, Add	*0.63*	
09 97 13 24-0026		SSPC SP11 Power Tool Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*		
09 97 13 24-0027	SF	Small Vessel/Tank SP11 Power Tool Cleaning Surface Preparation	6.52	
09 97 13 24-0028	SF	Large Vessel/Tank SP11 Power Tool Cleaning Surface Preparation	5.76	
09 97 13 24-0029	SF	Vessel/Tank Interior SP11 Power Tool Cleaning Surface Preparation	8.14	
09 97 13 24-0030		Protective Coatings For Tanks *(09 97 13 24)*		
		Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.		
09 97 13 24-0031		1.5 Mil Prime Coat For Tanks *(09 97 13 24-0030)*		
09 97 13 24-0032	SF	Spray Small Vessel/Tank 1.5 Mil Prime Coat	0.66	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
09 97 13 24-0033	SF	Spray Large Vessel/Tank 1.5 Mil Prime Coat	0.54	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
09 97 13 24-0034	SF	Spray Tank Interior 1.5 Mil Prime Coat	1.26	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
09 97 13 24-0035	SF	Brush Small Vessel/Tank 1.5 Mil Prime Coat	0.77	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 97 13 24-0036	SF	Brush Large Vessel/Tank 1.5 Mil Prime Coat	0.63	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
09 97 13 24-0037	SF	Brush Tank Interior 1.5 Mil Prime Coat	1.51	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
09 97 13 24-0038		1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Tanks *(09 97 13 24-0030)*		
09 97 13 24-0039	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.97	
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
09 97 13 24-0040	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.54	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
09 97 13 24-0041	SF	Spray Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.58	
		For Up To 100, Add	*2.37*	
		For >100 To 250, Add	*1.12*	
		For >250 To 500, Add	*0.49*	
09 97 13 24-0042	SF	Spray Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.48	
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 97 13 24-0043	SF	Spray Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.16	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
09 97 13 24-0044	SF	Spray Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.69	
		For Up To 100, Add	*1.78*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.36*	
09 97 13 24-0045	SF	Brush Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.47	
		For Up To 100, Add	*1.54*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0046	SF	Brush Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.90	
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
09 97 13 24-0047	SF	Brush Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.65	
		For Up To 100, Add	*3.18*	
		For >100 To 250, Add	*1.50*	
		For >250 To 500, Add	*0.65*	
09 97 13 24-0048	SF	Brush Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.85	
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
09 97 13 24-0049	SF	Brush Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.42	
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
09 97 13 24-0050	SF	Brush Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.48	
		For Up To 100, Add	*2.38*	
		For >100 To 250, Add	*1.12*	
		For >250 To 500, Add	*0.48*	
09 97 13 24-0051		Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Tanks *(09 97 13 24-0030)*		
09 97 13 24-0052	SF	Spray Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.75	
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	
09 97 13 24-0053	SF	Spray Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.49	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
09 97 13 24-0054	SF	Spray Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.70	
		For Up To 100, Add	*2.55*	
		For >100 To 250, Add	*1.20*	
		For >250 To 500, Add	*0.52*	
09 97 13 24-0055	SF	Spray Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.11	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
09 97 13 24-0056	SF	Spray Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	0.94	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
09 97 13 24-0057	SF	Spray Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	2.36	
		For Up To 100, Add	*1.63*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.33*	
09 97 13 24-0058	SF	Brush Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.05	
		For Up To 100, Add	*1.31*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
09 97 13 24-0059	SF	Brush Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.74	
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
09 97 13 24-0060	SF	Brush Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	4.71	
		For Up To 100, Add	*3.39*	
		For >100 To 250, Add	*1.59*	
		For >250 To 500, Add	*0.68*	
09 97 13 24-0061	SF	Brush Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.31	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
09 97 13 24-0062	SF	Brush Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.11	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
09 97 13 24-0063	SF	Brush Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	3.10	
		For Up To 100, Add	*2.18*	
		For >100 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.44*	
09 97 13 24-0064		2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Tanks *(09 97 13 24-0030)*		
09 97 13 24-0065	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.58	
		For Up To 100, Add	*1.31*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 97 13 24-0066	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.24	
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0067	SF	Spray Small Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.82	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
09 97 13 24-0068	SF	Spray Large Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.58	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
09 97 13 24-0069		2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Tanks *(09 97 13 24-0030)*		
09 97 13 24-0070	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.88	
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.30*	
09 97 13 24-0071	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.54	
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.25*	
09 97 13 24-0072	SF	Spray Small Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	2.37	
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
09 97 13 24-0073	SF	Spray Large Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	2.08	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
09 97 13 24-0074		1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Tanks *(09 97 13 24-0030)*		
09 97 13 24-0075	SF	Spray Small Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	6.82	
		For Up To 100, Add	*3.58*	
		For >100 To 250, Add	*1.75*	
		For >250 To 500, Add	*0.77*	
09 97 13 24-0076	SF	Spray Large Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	6.31	
		For Up To 100, Add	*3.20*	
		For >100 To 250, Add	*1.57*	
		For >250 To 500, Add	*0.69*	
09 97 13 24-0077	SF	Spray Tank Interior 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	10.23	
		For Up To 100, Add	*6.14*	
		For >100 To 250, Add	*2.94*	
		For >250 To 500, Add	*1.28*	
09 97 13 24-0078		1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Tanks *(09 97 13 24-0030)*		
09 97 13 24-0079	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.61	
		For Up To 100, Add	*1.68*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.37*	
09 97 13 24-0080	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.24	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.32*	
09 97 13 24-0081	SF	Spray Tank Interior 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	5.29	
		For Up To 100, Add	*2.94*	
		For >100 To 250, Add	*1.42*	
		For >250 To 500, Add	*0.62*	
09 97 13 24-0082	SF	Spray Small Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	2.86	
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
09 97 13 24-0083	SF	Spray Large Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	2.56	
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.25*	
09 97 13 24-0084	SF	Spray Tank Interior Two 4 Mil High Build Vinyl Finish Coats	4.18	
		For Up To 100, Add	*2.33*	
		For >100 To 250, Add	*1.13*	
		For >250 To 500, Add	*0.49*	
09 97 13 24-0085		Two 8 Mil Coal Tar Epoxy Coats For Tanks *(09 97 13 24-0030)*		
09 97 13 24-0086	SF	Spray Small Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	3.19	
		For Up To 100, Add	*1.81*	
		For >100 To 250, Add	*0.87*	
		For >250 To 500, Add	*0.38*	
09 97 13 24-0087	SF	Spray Large Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	2.68	
		For Up To 100, Add	*1.43*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0088	SF	Spray Tank Interior Two 8 Mil Coal Tar Epoxy Coats	4.03	
		For Up To 100, Add	*2.44*	
		For >100 To 250, Add	*1.17*	
		For >250 To 500, Add	*0.51*	
09 97 13 24-0089		One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Tanks *(09 97 13 24-0030)*		
09 97 13 24-0090	SF	Spray Small Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.21	
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.26*	
09 97 13 24-0091	SF	Spray Large Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.03	
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
09 97 13 24-0092	SF	Spray Tank Interior One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	3.32	
		For Up To 100, Add	*2.03*	
		For >100 To 250, Add	*0.97*	
		For >250 To 500, Add	*0.42*	
09 97 13 24-0093		Two 6 Mil High Build Epoxy Finish Coats For Tanks Interior *(09 97 13 24-0030)*		
09 97 13 24-0094	SF	Spray Small Tank Interior Two 6 Mil High Build Epoxy Finish Coats	4.84	
		For Up To 100, Add	*2.77*	
		For >100 To 250, Add	*1.34*	
		For >250 To 500, Add	*0.58*	
09 97 13 24-0095	SF	Spray Large Tank Interior Two 6 Mil High Build Epoxy Finish Coats	3.01	
		For Up To 100, Add	*1.48*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.32*	
09 97 13 24-0096		One 3 Mil High Zinc Silicate Coat For Tanks *(09 97 13 24-0030)*		
09 97 13 24-0097	SF	Spray Small Vessel/Tank One 3 Mil High Zinc Silicate Coat	1.45	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 97 13 24-0098	SF	Spray Large Vessel/Tank One 3 Mil High Zinc Silicate Coat	1.42	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.14*	
09 97 13 24-0099	SF	Spray Tank Interior One 3 Mil High Zinc Silicate Coat	2.22	
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.26*	
09 97 13 24-0100		Two 1.5 Mil Vinyl Enamel Finish Coats For Tanks *(09 97 13 24-0030)*		
		Note: Installed over existing primer.		
09 97 13 24-0101	SF	Spray Small Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	2.34	
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
09 97 13 24-0102	SF	Spray Large Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	2.08	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
09 97 13 24-0103	SF	Spray Tank Interior Two 1.5 Mil Vinyl Enamel Finish Coats	3.19	
		For Up To 100, Add	*1.86*	
		For >100 To 250, Add	*0.89*	
		For >250 To 500, Add	*0.39*	
09 97 13 24-0104		One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat For Tanks *(09 97 13 24-0030)*		
09 97 13 24-0105	SF	Spray/Mop Large Vessel/Tank One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat	8.31	
		For Up To 100, Add	*5.13*	
		For >100 To 250, Add	*2.45*	
		For >250 To 500, Add	*1.06*	
09 97 13 24-0106		One 3 Mil Epoxy Primer And Two 6 Mil Epoxy Finish Coats For Tank Interior *(09 97 13 24-0030)*		
09 97 13 24-0107	SF	Brush One 3 Mil Epoxy Primer And Spray Two 6 Mil Epoxy Finish Coats For Contact Area Between Rafters And Underside of Tank Roof	3.43	
		Note: Devran 233H		
		For Up To 100, Add	*1.79*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0108	SF	Spray One 3 Mil Epoxy Primer And Spray Two 6 Mil Epoxy Finish Coats For Rafters, Underside Of Tank Roof, And Walls 2' Above Floor Note: Devran 233H	3.14	
		For Up To 100, Add	*1.58*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.34*	
09 97 13 24-0109		One 15 Mil Epoxy Primer And One 15 Mil Epoxy Finish Coats For Tank Interior *(09 97 13 24-0030)*		
09 97 13 24-0110	SF	Spray One 15 Mil Epoxy Primer And Spray One 15 Mil Epoxy Finish Coats For Tank Floor Interior And Up To 3' Of Wall Note: Applied in 5 mil coats.	7.08	
		For Up To 100, Add	*3.26*	
		For >100 To 250, Add	*1.63*	
		For >250 To 500, Add	*0.72*	
09 97 13 24-0111		One 2 To 4 Mil Inorganic Zinc Primer, One 4 To 6 Mil Epoxy Intermediate Coat And One 2 To 3 Mil Aliphatic Urethane Finish Coat For Tank Exterior *(09 97 13 24-0030)*		
09 97 13 24-0112	SF	Spray One 2 To 4 Mil Inorganic Zinc Primer, Spray One 4 To 6 Mil Epoxy Intermediate Coat And Spray One 2 To 3 Mil Aliphatic Urethane Finish Coat For Tank Exterior Note: Devoe: Catha-Coat 302H primer, Bar-Rust 231H intermediate, and Devthane 379H finish or Tnemec: 91H2O Hydro-Zinc primer, N140F Pota-Pox intermediate, and 1075 Endura-Shield finish.	2.71	
		For Up To 100, Add	*1.32*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.29*	
09 97 13 24-0113		Polyamide Epoxy Exterior Prime Coat For Tanks (Macropoxy 646 FC) *(09 97 13 24-0030)*		
09 97 13 24-0114	SF	Spray 5 Mil (Dry) Polyamide Epoxy Exterior Prime Coat On Vessel/Tank (Macropoxy 646 FC)	1.83	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000, Deduct	*-0.21*	
09 97 13 24-0115	SF	Spray 8 Mil (Dry) Polyamide Epoxy Exterior Prime Coat On Vessel/Tank (Macropoxy 646 FC)	2.70	
		For Up To 100, Add	*1.41*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000, Deduct	*-0.30*	
09 97 13 24-0116	SF	Spray 10 Mil (Dry) Polyamide Epoxy Exterior Prime Coat On Vessel/Tank (Macropoxy 646 FC)	3.10	
		For Up To 100, Add	*1.57*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.34*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000, Deduct	*-0.34*	
09 97 13 24-0117	SF	Brush 5 Mil (Dry) Polyamide Epoxy Exterior Prime Coat On Vessel/Tank (Macropoxy 646 FC)	2.13	
		For Up To 100, Add	*1.21*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000, Deduct	*-0.25*	
09 97 13 24-0118	SF	Brush 8 Mil (Dry) Polyamide Epoxy Exterior Prime Coat On Vessel/Tank (Macropoxy 646 FC)	3.13	
		For Up To 100, Add	*1.73*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.37*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000, Deduct	*-0.37*	
09 97 13 24-0119	SF	Brush 10 Mil (Dry) Polyamide Epoxy Exterior Prime Coat On Vessel/Tank (Macropoxy 646 FC)	3.58	
		For Up To 100, Add	*1.93*	
		For >100 To 250, Add	*0.94*	
		For >250 To 500, Add	*0.41*	
		For >2,500 To 5,000, Deduct	*-0.18*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000, Deduct	*-0.41*	
09 97 13 24-0120		Aliphatic Acrylic Polyurethane Exterior Topcoat For Tanks (High-Solids Polyurethane 250) *(09 97 13 24-0030)*		
09 97 13 24-0121	SF	Spray 3 Mil (Dry) Aliphatic Acrylic Polyurethane Exterior Topcoat On Vessel/Tank (High-Solids Polyurethane 250)	1.61	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0122	SF	Spray 4 Mil (Dry) Aliphatic Acrylic Polyurethane Exterior Topcoat On Vessel/Tank (High-Solids Polyurethane 250)	2.04	
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000, Deduct	*-0.21*	
09 97 13 24-0123	SF	Brush 3 Mil (Dry) Aliphatic Acrylic Polyurethane Exterior Topcoat On Vessel/Tank (High-Solids Polyurethane 250)	1.84	
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000, Deduct	*-0.20*	
09 97 13 24-0124	SF	Brush 4 Mil (Dry) Aliphatic Acrylic Polyurethane Exterior Topcoat On Vessel/Tank (High-Solids Polyurethane 250)	2.31	
		For Up To 100, Add	*1.14*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000, Deduct	*-0.25*	

09 97 13 24-0125 Polyamide Epoxy Submerged Primer/Stripe Coat For Tanks (Macropoxy 646 PW) *(09 97 13 24-0030)*

See CSI section 01 22 23 00-0881 for confined space ventilation.

09 97 13 24-0126	SF	Spray 3 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	1.97	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000, Deduct	*-0.26*	
		For Work In Restricted Working Space, Add	*0.47*	
09 97 13 24-0127	SF	Spray 5 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	1.83	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000, Deduct	*-0.21*	
		For Work In Restricted Working Space, Add	*0.35*	
09 97 13 24-0128	SF	Spray 6 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	2.03	
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000, Deduct	*-0.23*	
		For Work In Restricted Working Space, Add	*0.38*	
09 97 13 24-0129	SF	Spray 8 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	2.53	
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000, Deduct	*-0.28*	
		For Work In Restricted Working Space, Add	*0.45*	
09 97 13 24-0130	SF	Spray 10 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	2.92	
		For Up To 100, Add	*1.43*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*0.50*	
09 97 13 24-0131	SF	Brush 3 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	1.38	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000, Deduct	*-0.17*	
		For Work In Restricted Working Space, Add	*0.30*	
09 97 13 24-0132	SF	Brush 5 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	2.13	
		For Up To 100, Add	*1.21*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000, Deduct	*-0.25*	
		For Work In Restricted Working Space, Add	*0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0133	SF	Brush 6 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	2.36	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000, Deduct	*-0.28*	
		For Work In Restricted Working Space, Add	*0.47*	
09 97 13 24-0134	SF	Brush 8 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	2.92	
		For Up To 100, Add	*1.57*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.34*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000, Deduct	*-0.34*	
		For Work In Restricted Working Space, Add	*0.57*	
09 97 13 24-0135	SF	Brush 10 Mil (Dry) Polyamide Epoxy Submerged Primer/Stripe Coat On Vessel/Tank (Macropoxy 646 PW)	3.34	
		For Up To 100, Add	*1.75*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.38*	
		For >2,500 To 5,000, Deduct	*-0.17*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*0.62*	

09 97 13 24-0136 Amine Epoxy Submerged Topcoat For Tanks (Sherplate PW Epoxy) *(09 97 13 24-0030)*

See CSI section 01 22 23 00-0881 for confined space ventilation.

09 97 13 24-0137	SF	Spray 16 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	3.43	
		For Up To 100, Add	*1.63*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.36*	
		For >2,500 To 5,000, Deduct	*-0.17*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000, Deduct	*-0.36*	
		For Work In Restricted Working Space, Add	*0.56*	
09 97 13 24-0138	SF	Spray 20 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	4.18	
		For Up To 100, Add	*1.96*	
		For >100 To 250, Add	*0.97*	
		For >250 To 500, Add	*0.43*	
		For >2,500 To 5,000, Deduct	*-0.21*	
		For >5,000 To 10,000, Deduct	*-0.32*	
		For >10,000, Deduct	*-0.43*	
		For Work In Restricted Working Space, Add	*0.67*	
09 97 13 24-0139	SF	Spray 24 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	4.89	
		For Up To 100, Add	*2.25*	
		For >100 To 250, Add	*1.12*	
		For >250 To 500, Add	*0.50*	
		For >2,500 To 5,000, Deduct	*-0.24*	
		For >5,000 To 10,000, Deduct	*-0.37*	
		For >10,000, Deduct	*-0.50*	
		For Work In Restricted Working Space, Add	*0.76*	
09 97 13 24-0140	SF	Spray 30 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	5.94	
		For Up To 100, Add	*2.69*	
		For >100 To 250, Add	*1.34*	
		For >250 To 500, Add	*0.60*	
		For >2,500 To 5,000, Deduct	*-0.30*	
		For >5,000 To 10,000, Deduct	*-0.45*	
		For >10,000, Deduct	*-0.60*	
		For Work In Restricted Working Space, Add	*0.90*	
09 97 13 24-0141	SF	Spray 36 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	6.95	
		For Up To 100, Add	*3.09*	
		For >100 To 250, Add	*1.55*	
		For >250 To 500, Add	*0.69*	
		For >2,500 To 5,000, Deduct	*-0.35*	
		For >5,000 To 10,000, Deduct	*-0.52*	
		For >10,000, Deduct	*-0.69*	
		For Work In Restricted Working Space, Add	*1.02*	
09 97 13 24-0142	SF	Spray 42 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	7.91	
		For Up To 100, Add	*3.45*	
		For >100 To 250, Add	*1.74*	
		For >250 To 500, Add	*0.77*	
		For >2,500 To 5,000, Deduct	*-0.40*	
		For >5,000 To 10,000, Deduct	*-0.58*	
		For >10,000, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*1.13*	
09 97 13 24-0143	SF	Spray 50 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	9.18	
		For Up To 100, Add	*3.94*	
		For >100 To 250, Add	*1.99*	
		For >250 To 500, Add	*0.89*	
		For >2,500 To 5,000, Deduct	*-0.46*	
		For >5,000 To 10,000, Deduct	*-0.67*	
		For >10,000, Deduct	*-0.89*	
		For Work In Restricted Working Space, Add	*1.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0144	SF	Brush 16 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	3.92	
		For Up To 100, Add	*2.00*	
		For >100 To 250, Add	*0.98*	
		For >250 To 500, Add	*0.43*	
		For >2,500 To 5,000, Deduct	*-0.20*	
		For >5,000 To 10,000, Deduct	*-0.31*	
		For >10,000, Deduct	*-0.43*	
		For Work In Restricted Working Space, Add	*0.71*	
09 97 13 24-0145	SF	Brush 20 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	4.75	
		For Up To 100, Add	*2.39*	
		For >100 To 250, Add	*1.17*	
		For >250 To 500, Add	*0.52*	
		For >2,500 To 5,000, Deduct	*-0.24*	
		For >5,000 To 10,000, Deduct	*-0.38*	
		For >10,000, Deduct	*-0.52*	
		For Work In Restricted Working Space, Add	*0.84*	
09 97 13 24-0146	SF	Brush 24 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	5.54	
		For Up To 100, Add	*2.74*	
		For >100 To 250, Add	*1.35*	
		For >250 To 500, Add	*0.60*	
		For >2,500 To 5,000, Deduct	*-0.28*	
		For >5,000 To 10,000, Deduct	*-0.44*	
		For >10,000, Deduct	*-0.60*	
		For Work In Restricted Working Space, Add	*0.95*	
09 97 13 24-0147	SF	Brush 30 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	6.73	
		For Up To 100, Add	*3.28*	
		For >100 To 250, Add	*1.62*	
		For >250 To 500, Add	*0.71*	
		For >2,500 To 5,000, Deduct	*-0.34*	
		For >5,000 To 10,000, Deduct	*-0.53*	
		For >10,000, Deduct	*-0.71*	
		For Work In Restricted Working Space, Add	*1.13*	
09 97 13 24-0148	SF	Brush 36 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	7.84	
		For Up To 100, Add	*3.76*	
		For >100 To 250, Add	*1.86*	
		For >250 To 500, Add	*0.82*	
		For >2,500 To 5,000, Deduct	*-0.39*	
		For >5,000 To 10,000, Deduct	*-0.61*	
		For >10,000, Deduct	*-0.82*	
		For Work In Restricted Working Space, Add	*1.29*	
09 97 13 24-0149	SF	Brush 42 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	8.90	
		For Up To 100, Add	*4.20*	
		For >100 To 250, Add	*2.08*	
		For >250 To 500, Add	*0.92*	
		For >2,500 To 5,000, Deduct	*-0.45*	
		For >5,000 To 10,000, Deduct	*-0.68*	
		For >10,000, Deduct	*-0.92*	
		For Work In Restricted Working Space, Add	*1.43*	
09 97 13 24-0150	SF	Brush 50 Mil Amine Epoxy Submerged Topcoat On Vessel/Tank (Sherplate PW Epoxy)	10.31	
		For Up To 100, Add	*4.79*	
		For >100 To 250, Add	*2.38*	
		For >250 To 500, Add	*1.06*	
		For >2,500 To 5,000, Deduct	*-0.52*	
		For >5,000 To 10,000, Deduct	*-0.79*	
		For >10,000, Deduct	*-1.06*	
		For Work In Restricted Working Space, Add	*1.62*	

09 97 13 24-0151 Epoxy Exterior Prime Coat For Tanks (Bar-Rust 231) *(09 97 13 24-0030)*

09 97 13 24-0152	SF	Spray 4 Mil (Dry) Epoxy Exterior Prime Coat On Vessel/Tank (Bar-Rust 231)	1.34	
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000, Deduct	*-0.17*	
09 97 13 24-0153	SF	Spray 6 Mil (Dry) Epoxy Exterior Prime Coat On Vessel/Tank (Bar-Rust 231)	1.86	
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000, Deduct	*-0.24*	
09 97 13 24-0154	SF	Spray 8 Mil (Dry) Epoxy Exterior Prime Coat On Vessel/Tank (Bar-Rust 231)	2.29	
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000, Deduct	*-0.29*	
09 97 13 24-0155	SF	Brush 4 Mil (Dry) Epoxy Exterior Prime Coat On Vessel/Tank (Bar-Rust 231)	1.97	
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000, Deduct	*-0.23*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0156	SF	Brush 6 Mil (Dry) Epoxy Exterior Prime Coat On Vessel/Tank (Bar-Rust 231)	2.58	
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000, Deduct	*-0.31*	
09 97 13 24-0157	SF	Brush 8 Mil (Dry) Epoxy Exterior Prime Coat On Vessel/Tank (Bar-Rust 231)	3.22	
		For Up To 100, Add	*1.78*	
		For >100 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.38*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000, Deduct	*-0.38*	
09 97 13 24-0158		Aliphatic Urethane Exterior Topcoat For Tanks (Devthane 359) *(09 97 13 24-0030)*		
09 97 13 24-0159	SF	Spray 4 Mil (Dry) Aliphatic Urethane Exterior Topcoat On Vessel/Tank (Devthane 359)	1.88	
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000, Deduct	*-0.20*	
09 97 13 24-0160	SF	Spray 6 Mil (Dry) Aliphatic Urethane Exterior Topcoat On Vessel/Tank (Devthane 359)	2.65	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000, Deduct	*-0.27*	
09 97 13 24-0161	SF	Brush 4 Mil (Dry) Aliphatic Urethane Exterior Topcoat On Vessel/Tank (Devthane 359)	2.14	
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000, Deduct	*-0.24*	
09 97 13 24-0162	SF	Brush 6 Mil (Dry) Aliphatic Urethane Exterior Topcoat On Vessel/Tank (Devthane 359)	3.00	
		For Up To 100, Add	*1.51*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000, Deduct	*-0.33*	
09 97 13 24-0163		Epoxy Submerged Primer/Stripe Coat For Tanks (Bar-Rust 233H) *(09 97 13 24-0030)*		
		See CSI section 01 22 23 00-0881 for confined space ventilation.		
09 97 13 24-0164	SF	Spray 4 Mil (Dry) Epoxy Submerged Primer/Stripe Coat For Tanks (Bar-Rust 233H)	1.36	
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000, Deduct	*-0.17*	
		For Work In Restricted Working Space, Add	*0.32*	
09 97 13 24-0165	SF	Spray 6 Mil (Dry) Epoxy Submerged Primer/Stripe Coat For Tanks (Bar-Rust 233H)	1.88	
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000, Deduct	*-0.24*	
		For Work In Restricted Working Space, Add	*0.42*	
09 97 13 24-0166	SF	Brush 4 Mil (Dry) Epoxy Submerged Primer/Stripe Coat For Tanks (Bar-Rust 233H)	1.63	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000, Deduct	*-0.21*	
		For Work In Restricted Working Space, Add	*0.40*	
09 97 13 24-0167	SF	Brush 6 Mil (Dry) Epoxy Submerged Primer/Stripe Coat For Tanks (Bar-Rust 233H)	2.25	
		For Up To 100, Add	*1.41*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000, Deduct	*-0.29*	
		For Work In Restricted Working Space, Add	*0.53*	
09 97 13 24-0168		Epoxy Submerged Topcoat For Tanks (Bar-Rust 234P) *(09 97 13 24-0030)*		
		See CSI section 01 22 23 00-0881 for confined space ventilation.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0169	SF	Spray 25 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	4.45	
		For Up To 100, Add	*2.18*	
		For >100 To 250, Add	*1.08*	
		For >250 To 500, Add	*0.47*	
		For >2,500 To 5,000, Deduct	*-0.22*	
		For >5,000 To 10,000, Deduct	*-0.35*	
		For >10,000, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*0.76*	
09 97 13 24-0170	SF	Spray 30 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	5.30	
		For Up To 100, Add	*2.59*	
		For >100 To 250, Add	*1.28*	
		For >250 To 500, Add	*0.56*	
		For >2,500 To 5,000, Deduct	*-0.27*	
		For >5,000 To 10,000, Deduct	*-0.41*	
		For >10,000, Deduct	*-0.56*	
		For Work In Restricted Working Space, Add	*0.90*	
09 97 13 24-0171	SF	Spray 35 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	6.01	
		For Up To 100, Add	*2.89*	
		For >100 To 250, Add	*1.43*	
		For >250 To 500, Add	*0.63*	
		For >2,500 To 5,000, Deduct	*-0.30*	
		For >5,000 To 10,000, Deduct	*-0.47*	
		For >10,000, Deduct	*-0.63*	
		For Work In Restricted Working Space, Add	*0.99*	
09 97 13 24-0172	SF	Spray 40 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	6.68	
		For Up To 100, Add	*3.16*	
		For >100 To 250, Add	*1.57*	
		For >250 To 500, Add	*0.69*	
		For >2,500 To 5,000, Deduct	*-0.33*	
		For >5,000 To 10,000, Deduct	*-0.51*	
		For >10,000, Deduct	*-0.69*	
		For Work In Restricted Working Space, Add	*1.08*	
09 97 13 24-0173	SF	Spray 45 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	7.42	
		For Up To 100, Add	*3.48*	
		For >100 To 250, Add	*1.73*	
		For >250 To 500, Add	*0.77*	
		For >2,500 To 5,000, Deduct	*-0.37*	
		For >5,000 To 10,000, Deduct	*-0.57*	
		For >10,000, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*1.19*	
09 97 13 24-0174	SF	Spray 50 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	8.13	
		For Up To 100, Add	*3.79*	
		For >100 To 250, Add	*1.88*	
		For >250 To 500, Add	*0.83*	
		For >2,500 To 5,000, Deduct	*-0.41*	
		For >5,000 To 10,000, Deduct	*-0.62*	
		For >10,000, Deduct	*-0.83*	
		For Work In Restricted Working Space, Add	*1.28*	
09 97 13 24-0175	SF	Brush 25 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	5.24	
		For Up To 100, Add	*2.77*	
		For >100 To 250, Add	*1.35*	
		For >250 To 500, Add	*0.59*	
		For >2,500 To 5,000, Deduct	*-0.26*	
		For >5,000 To 10,000, Deduct	*-0.43*	
		For >10,000, Deduct	*-0.59*	
		For Work In Restricted Working Space, Add	*0.99*	
09 97 13 24-0176	SF	Brush 30 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	6.09	
		For Up To 100, Add	*3.18*	
		For >100 To 250, Add	*1.55*	
		For >250 To 500, Add	*0.68*	
		For >2,500 To 5,000, Deduct	*-0.30*	
		For >5,000 To 10,000, Deduct	*-0.49*	
		For >10,000, Deduct	*-0.68*	
		For Work In Restricted Working Space, Add	*1.13*	
09 97 13 24-0177	SF	Brush 35 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	6.89	
		For Up To 100, Add	*3.55*	
		For >100 To 250, Add	*1.74*	
		For >250 To 500, Add	*0.76*	
		For >2,500 To 5,000, Deduct	*-0.34*	
		For >5,000 To 10,000, Deduct	*-0.55*	
		For >10,000, Deduct	*-0.76*	
		For Work In Restricted Working Space, Add	*1.26*	
09 97 13 24-0178	SF	Brush 40 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	7.62	
		For Up To 100, Add	*3.87*	
		For >100 To 250, Add	*1.90*	
		For >250 To 500, Add	*0.84*	
		For >2,500 To 5,000, Deduct	*-0.38*	
		For >5,000 To 10,000, Deduct	*-0.61*	
		For >10,000, Deduct	*-0.84*	
		For Work In Restricted Working Space, Add	*1.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0179	SF	Brush 45 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	8.45	
		For Up To 100, Add	*4.26*	
		For >100 To 250, Add	*2.09*	
		For >250 To 500, Add	*0.92*	
		For >2,500 To 5,000, Deduct	*-0.42*	
		For >5,000 To 10,000, Deduct	*-0.67*	
		For >10,000, Deduct	*-0.92*	
		For Work In Restricted Working Space, Add	*1.49*	
09 97 13 24-0180	SF	Brush 50 Mil Epoxy Submerged Topcoat On Vessel/Tank (Bar-Rust 234P)	9.25	
		For Up To 100, Add	*4.63*	
		For >100 To 250, Add	*2.28*	
		For >250 To 500, Add	*1.00*	
		For >2,500 To 5,000, Deduct	*-0.46*	
		For >5,000 To 10,000, Deduct	*-0.73*	
		For >10,000, Deduct	*-1.00*	
		For Work In Restricted Working Space, Add	*1.62*	

09 97 26 Cementitious Coatings *(09 97)*

09 97 26 13 Interior Cementitious Coatings *(09 97 26)*

09 97 26 13-0001 Ceramic-Like Glazed Coating *(09 97 26 13)*

09 97 26 13-0002 Ceramic-Like Glazed Coating, Cementitious *(09 97 26 13-0001)*

09 97 26 13-0003	SF	Ceramic-like Glazed Coating. - Cementitious	2.47

09 97 26 13-0004 Ceramic-Like Glazed Coating, Resin Base *(09 97 26 13-0001)*

09 97 26 13-0005	SF	Ceramic-like Glazed Coating - Resin	2.06

09 97 35 Dry Erase Coatings *(09 97)*

09 97 35 00-0001 Dry-Erase Paint *(09 97 35)*

09 97 35 00-0002 Dry-Erase Paint (IdeaPaint™ PRO) *(09 97 35 00-0001)*

09 97 35 00-0003	SF	Dry-Erase Paint (IdeaPaint™ PRO), Applied With Roller Note: Includes two coats of primer and white, white sand, light beige or light gray surface.	11.69

09 97 35 00-0004 Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE) *(09 97 35 00-0001)*

09 97 35 00-0005	SF	Clear, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller Note: For application over existing latex-based top coats.	6.53
09 97 35 00-0006	SF	Black Or White, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller Note: Includes two coats of primer and white or black surface coat.	12.54

09 97 63 Special Coatings and Protection Systems *(09 97)*

09 97 63 00-0001 Acrylic Glazed Coating *(09 97 63)*

09 97 63 00-0002	SF	Acrylic Glazed Coating	1.60

09 97 63 00-0003 Adsil HVAC Equipment Coatings *(09 97 63)*

Note: Shop applied. A small job has 1 to 6 units and a total of less than 100 tons. A large job has greater than 7 units and 100 tons.

09 97 63 00-0004	TON	<40 Ton Condenser, Small Job, Adsil HVAC Equipment Coating	211.08	
		For Field Applied, Add	*31.66*	
09 97 63 00-0005	TON	40 To 49 Ton Condenser, Small Job, Adsil HVAC Equipment Coating	206.59	
		For Field Applied, Add	*30.99*	
09 97 63 00-0006	TON	>49 Ton Condenser, Small Job, Adsil HVAC Equipment Coating	197.60	
		For Field Applied, Add	*29.64*	
09 97 63 00-0007	TON	<40 Ton Evaporator, Small Job, Adsil HVAC Equipment Coating	107.78	
09 97 63 00-0008	TON	40 To 49 Ton Evaporator, Small Job, Adsil HVAC Equipment Coating	103.29	
09 97 63 00-0009	TON	>49 Ton Evaporator, Small Job, Adsil HVAC Equipment Coating	98.80	
09 97 63 00-0010	TON	<40 Ton Cabinet, Small Job, Adsil HVAC Equipment Coating	40.42	
09 97 63 00-0011	TON	40 To 49 Ton Cabinet, Small Job, Adsil HVAC Equipment Coating	35.93	
09 97 63 00-0012	TON	>49 Ton Cabinet, Small Job, Adsil HVAC Equipment Coating	31.44	
09 97 63 00-0013	TON	51 To 100 Ton Condenser, Large Job, Adsil HVAC Equipment Coating	205.46	
		For Field Applied, Add	*30.82*	
		For Cabinet, Add	*41.09*	
09 97 63 00-0014	TON	>100 Ton Condenser, Large Job, Adsil HVAC Equipment Coating	187.50	
		For Field Applied, Add	*28.13*	
		For Cabinet, Add	*37.50*	
09 97 63 00-0015	TON	51 To 100 Ton Evaporator, Large Job Adsil HVAC Equipment Coating	98.80	
		For Cabinet, Add	*19.76*	
09 97 63 00-0016	TON	>100 Ton Evaporator, Large Job, Adsil HVAC Equipment Coating	94.31	
		For Cabinet, Add	*18.86*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 Specialties

10 01 Operation and Maintenance of Specialties *(10)*

10 01 30 Operation and Maintenance of Fireplaces and Stoves *(10 01)*

10 01 30 00-0001 Fireplace Cleaning *(10 01 30)*

10 01 30 00-0002	EA	Inspect And Clean Fireplace Insert	223.75	
10 01 30 00-0003	EA	Inspect And Clean Fireplace Insert And Chimney	268.50	
10 01 30 00-0004	EA	Inspect And Clean Fireplace Brick/Masonry Chimney	357.99	

10 01 40 Operation and Maintenance of Safety Specialties *(10 01)*

10 01 40 00-0001 Recharge Existing Portable Fire Extinguishers *(10 01 40)*

Note: Includes removal, filling, testing, certification and reinstallation.

10 01 40 00-0002 Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0003	EA	Recharge 2.5 LB Carbon Dioxide Portable Fire Extinguisher	17.17	
10 01 40 00-0004	EA	Recharge 5 LB Carbon Dioxide Portable Fire Extinguisher	19.08	
10 01 40 00-0005	EA	Recharge 10 LB Carbon Dioxide Portable Fire Extinguisher	19.84	
10 01 40 00-0006	EA	Recharge 15 LB Carbon Dioxide Portable Fire Extinguisher	22.45	
10 01 40 00-0007	EA	Recharge 20 LB Carbon Dioxide Portable Fire Extinguisher	25.94	

10 01 40 00-0008 Recharge Dry Chemical, Class ABC Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0009	EA	Recharge 2.5 LB Dry Chemical Portable Fire Extinguisher	20.71	
10 01 40 00-0010	EA	Recharge 5 LB Dry Chemical Portable Fire Extinguisher	25.07	
10 01 40 00-0011	EA	Recharge 10 LB Dry Chemical Portable Fire Extinguisher	35.42	
10 01 40 00-0012	EA	Recharge 20 LB Dry Chemical Portable Fire Extinguisher	55.92	

10 01 40 00-0013 Recharge Other Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0014	EA	Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher	20.49	
10 01 40 00-0015	EA	Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher	146.06	
10 01 40 00-0016	EA	Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher	204.48	
10 01 40 00-0017	EA	Recharge 30 LB Dry Powder Class D Portable Fire Extinguisher	84.19	

10 01 50 Operation and Maintenance of Storage Specialties *(10 01)*

10 01 50 11 Operation and Maintenance of Storage Specialties *(10 01 50)*

10 01 50 11-0001 Locker Repair And Refinishing *(10 01 50 11)*

10 01 50 11-0002	EA	Removal And Replacement Of Single Tier Locker Door	362.00	
10 01 50 11-0003	EA	Removal And Replacement Of Two Tier Locker Door	284.33	
10 01 50 11-0004	EA	Removal And Replacement Of Three Tier Locker Door	242.88	
10 01 50 11-0005	EA	Removal And Replacement Of Four Tier Locker Door	204.09	
10 01 50 11-0006	EA	Removal And Replacement Of Six Tier Or Sixteen Person Locker Door	109.01	
10 01 50 11-0007	EA	Realign Metal Locker Door For Proper Closure	44.75	
10 01 50 11-0008	EA	Patch Small Drill Holes in Locker	8.95	

10 10 Information Specialties *(10)*

10 11 Visual Display Units *(10 10)*

10 11 13 Chalkboards *(10 11)*

10 11 13 13 Fixed Chalkboards *(10 11 13)*

Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10 11 13 13-0001 Porcelain Enamel Steel Chalkboards *(10 11 13 13)*

10 11 13 13-0002 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 800 Series) *(10 11 13 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.

10 11 13 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	47.06	8.55
10 11 13 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	30.30	4.02
10 11 13 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	26.19	3.47
10 11 13 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	21.83	2.26
10 11 13 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	18.35	1.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 13-0008		1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series) *(10 11 13 13-0001)* Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.		
10 11 13 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	49.84	8.55
10 11 13 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	33.01	4.02
10 11 13 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	28.68	3.47
10 11 13 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	24.85	2.26
10 11 13 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	21.31	1.26
10 11 13 13-0014		1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge 1600 Series) *(10 11 13 13-0001)* Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware.		
10 11 13 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	45.34	8.55
10 11 13 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	28.54	4.02
10 11 13 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	24.51	3.47
10 11 13 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	20.42	2.26
10 11 13 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	16.78	1.26
10 11 13 13-0020		Removal And Reinstallation Of Chalkboards *(10 11 13 13)* Note: Includes storage and cleaning.		
10 11 13 13-0021	SF	Removal And Reinstallation Of Chalkboard	10.55	
10 11 13 13-0022		Field Applied Chalkboard And Accessories *(10 11 13 13)*		
10 11 13 13-0023		Chalkboard Face Sheets And Panels *(10 11 13 13-0022)*		
10 11 13 13-0024	SF	Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite) Note: Includes porcelain enamel steel chalkboard skin.	15.53	4.02
10 11 13 13-0025	SF	Porcelain Enamel Steel Chalkboard Panel (Claridge VIT) Note: Includes porcelain enamel steel surface mounted on either particle board or hardboard core with an aluminum moisture barrier back.	18.62	4.02
10 11 13 13-0026		Chalkboard And Markerboard Accessory Trays And Trim *(10 11 13 13-0022)*		
10 11 13 13-0027	LF	Chalk And Marker Tray, Field Applied	22.54	5.53
10 11 13 13-0028	PR	Chalk And Marker Tray End Closures, Field Applied	27.67	10.06
10 11 13 13-0029	LF	Mullion Trim For Chalkboards And Markerboards, Field Applied	15.71	5.53
10 11 13 13-0030	LF	Screw On Trim For Chalkboards And Markerboards, Field Applied	15.34	5.53
10 11 13 13-0031	LF	1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied	16.39	5.53
10 11 13 13-0032	LF	1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied	18.39	5.53
10 11 13 13-0033	LF	No Leg Map Rail For Chalkboards And Markerboards, Field Applied	16.39	5.53
10 11 13 33		**Rail-Mounted Chalkboards** *(10 11 13)*		
10 11 13 33-0001		Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS Series) *(10 11 13 33)*		
10 11 13 33-0002		Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*		
10 11 13 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,208.91	100.53
10 11 13 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,481.77	100.53
10 11 13 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,811.85	107.07
10 11 13 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,128.88	107.07
10 11 13 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,901.52	115.11
10 11 13 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,154.40	115.11
10 11 13 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,695.39	120.63
10 11 13 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,323.12	120.63
10 11 13 33-0011		Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*		
10 11 13 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,022.80	100.53
10 11 13 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,587.99	100.53
10 11 13 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,107.35	107.07
10 11 13 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,626.28	107.07
10 11 13 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,274.84	115.11
10 11 13 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,503.52	115.11
10 11 13 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,455.67	120.63
10 11 13 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	7,219.05	120.63
10 11 13 33-0020		Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*		
10 11 13 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,369.81	100.53
10 11 13 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,831.94	100.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,331.33	107.07
10 11 13 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,861.82	107.07
10 11 13 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,888.94	115.11
10 11 13 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,132.35	115.11
10 11 13 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	7,243.27	120.63
10 11 13 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	8,088.21	120.63
10 11 13 33-0029		Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series) *(10 11 13 33)*		
10 11 13 33-0030		One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*		
10 11 13 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,642.65	100.53
10 11 13 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,917.61	100.53
10 11 13 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,190.91	107.07
10 11 13 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,668.28	107.07
10 11 13 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,018.71	115.11
10 11 13 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,459.26	115.11
10 11 13 33-0037		Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*		
10 11 13 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,881.28	100.53
10 11 13 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,308.16	100.53
10 11 13 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,735.50	107.07
10 11 13 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,520.93	107.07
10 11 13 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,009.06	115.11
10 11 13 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,721.92	115.11
10 11 13 33-0044		Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*		
10 11 13 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,303.93	100.53
10 11 13 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,885.90	100.53
10 11 13 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,468.31	107.07
10 11 13 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,560.75	107.07
10 11 13 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,199.21	115.11
10 11 13 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,203.31	115.11
10 11 13 33-0051		Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge MO Series) *(10 11 13 33)* Note: Excludes remotes.		
10 11 13 33-0052		One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*		
10 11 13 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,503.61	201.06
10 11 13 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,747.15	201.06
10 11 13 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,017.97	207.35
10 11 13 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,464.03	207.35
10 11 13 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,956.32	213.63
10 11 13 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	10,386.61	213.63
10 11 13 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	11,321.53	226.20
10 11 13 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	11,440.56	226.20
10 11 13 33-0061		Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*		
10 11 13 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	13,389.49	201.06
10 11 13 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	13,711.47	201.06
10 11 13 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,070.20	207.35
10 11 13 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,725.73	207.35
10 11 13 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	15,377.00	213.63
10 11 13 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	15,999.94	213.63
10 11 13 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	17,263.15	226.20
10 11 13 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	17,451.80	226.20
10 11 13 33-0070		Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*		
10 11 13 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	17,401.54	201.06
10 11 13 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	18,214.17	201.06
10 11 13 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	18,643.98	207.35
10 11 13 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	19,496.36	207.35
10 11 13 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	20,391.80	213.63
10 11 13 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	21,253.64	213.63
10 11 13 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	22,952.40	226.20
10 11 13 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	23,284.27	226.20
10 11 13 33-0079		Sliding Chalkboard And Markerboard Accessories *(10 11 13 33)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0080	EA	One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	639.93	
10 11 13 33-0081	EA	Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	1,093.15	

10 11 16 Markerboards *(10 11)*

10 11 16 13 Fixed Markerboards *(10 11 16)*

Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.

10 11 16 13-0001 Porcelain Enamel Steel Markerboards *(10 11 16 13)*

10 11 16 13-0002 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series) *(10 11 16 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	47.23	8.55
10 11 16 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	30.91	4.02
10 11 16 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	26.19	3.47
10 11 16 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	22.05	2.26
10 11 16 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	18.10	1.26

10 11 16 13-0008 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series) *(10 11 16 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	49.87	8.55
10 11 16 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	31.70	4.02
10 11 16 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	27.37	3.47
10 11 16 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	23.54	2.26
10 11 16 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	20.54	1.26

10 11 16 13-0014 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series) *(10 11 16 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware.

10 11 16 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	45.32	8.55
10 11 16 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	28.56	4.02
10 11 16 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	25.79	3.47
10 11 16 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	20.56	2.26
10 11 16 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	16.49	1.26

10 11 16 13-0020 Melamine Markerboards *(10 11 16 13)*

10 11 16 13-0021 1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)*

Note: Includes full length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0022	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	37.25	8.55
10 11 16 13-0023	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	22.99	4.02
10 11 16 13-0024	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	19.94	3.47
10 11 16 13-0025	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	15.04	2.26
10 11 16 13-0026	SF	>24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	12.28	1.26

10 11 16 13-0027 1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)*

Note: Includes marker tray and mounting hardware.

10 11 16 13-0028	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	36.35	8.55
10 11 16 13-0029	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	22.57	4.02
10 11 16 13-0030	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	19.35	3.47
10 11 16 13-0031	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	13.98	2.26
10 11 16 13-0032	SF	>24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	11.32	1.26

10 11 16 13-0033 Nonporous, Non-Staining Markerboards *(10 11 16 13)*

10 11 16 13-0034 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*

Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.

10 11 16 13-0035	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	51.14	8.55
		For Magnetic Surface, Add	*3.41*	
10 11 16 13-0036	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	33.95	4.02
		For Magnetic Surface, Add	*2.59*	
10 11 16 13-0037	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	29.28	3.47
		For Magnetic Surface, Add	*2.24*	
10 11 16 13-0038	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	25.99	2.26
		For Magnetic Surface, Add	*2.15*	
10 11 16 13-0039	SF	>24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	22.53	1.26
		For Magnetic Surface, Add	*2.00*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0040		1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0041	SF	Up To 6 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	51.14	8.55
		For Magnetic Surface, Add	*3.41*	
10 11 16 13-0042	SF	>6 To 12 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	33.95	4.02
		For Magnetic Surface, Add	*2.59*	
10 11 16 13-0043	SF	>12 To 16 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	29.28	3.47
		For Magnetic Surface, Add	*2.24*	
10 11 16 13-0044	SF	>16 To 24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	25.99	2.26
		For Magnetic Surface, Add	*2.15*	
10 11 16 13-0045	SF	>24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	22.53	1.26
		For Magnetic Surface, Add	*2.00*	
10 11 16 13-0046		1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0047	SF	Up To 6 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	93.34	8.55
		For Magnetic Surface, Add	*7.63*	
10 11 16 13-0048	SF	>6 To 12 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	59.31	4.02
		For Magnetic Surface, Add	*5.13*	
10 11 16 13-0049	SF	>12 To 16 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	50.10	3.47
		For Magnetic Surface, Add	*4.32*	
10 11 16 13-0050	SF	>16 To 24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	42.46	2.26
		For Magnetic Surface, Add	*3.79*	
10 11 16 13-0051	SF	>24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	33.05	1.26
		For Magnetic Surface, Add	*3.05*	
10 11 16 13-0052		Nonporous, Non-Staining Markerboard Resurfacing Panels (EverWhite EverEZ Resurfacing Panels) *(10 11 16 13-0033)*		
		Note: Includes non-staining, permanent marker resistant, magnetic dry erase surface. Excludes frame. Resurfacing panel for mounting to existing chalkboard or markerboard consists of dry erase surface, 24-gauge treated steel interlayer and pressure-sensitive adhesive backing.		
10 11 16 13-0053	SF	Up To 16 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	23.03	3.47
10 11 16 13-0054	SF	>16 To 24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	19.79	2.26
10 11 16 13-0055	SF	>24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	16.74	1.26
10 11 16 13-0056		Removal And Reinstallation Of Markerboard *(10 11 16 13)*		
		Note: Includes storage and cleaning.		
10 11 16 13-0057	EA	Up To 6 SF, Removal And Reinstallation Of Markerboard	60.32	
10 11 16 13-0058	EA	>6 To 12 SF, Removal And Reinstallation Of Markerboard	70.37	
10 11 16 13-0059	EA	>12 To 16 SF, Removal And Reinstallation Of Markerboard	80.43	
10 11 16 13-0060	EA	>16 To 24 SF, Removal And Reinstallation Of Markerboard	90.48	
10 11 16 13-0061	EA	>24 SF, Removal And Reinstallation Of Markerboard	100.53	
10 11 16 13-0062		Field Applied Markerboard And Accessories *(10 11 16 13)*		
10 11 16 13-0063		Markerboard Face Sheets And Panels *(10 11 16 13-0062)*		
10 11 16 13-0064	SF	Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS)	15.28	4.02
		Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.		
10 11 16 13-0065	SF	Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick)	18.06	4.02
		Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.		
10 11 16 13-0066	SF	Porcelain Enamel Steel Markerboard Panel (Claridge LCS)	17.99	4.02
		Note: Includes porcelain enamel steel surface mounted on either 3/8" particle board or 1/4" hardboard core with an aluminum moisture barrier back.		
10 11 16 13-0067	SF	Melamine Markerboard Panel (Claridge 1032)	10.25	4.02
		Note: Includes 1/4" thick melamine panel.		
10 11 16 13-0068		Chalkboard And Markerboard Accessory Trays And Trim *(10 11 16 13-0062)*		
		See CSI section 10 11 13 13-0026 for chalkboard and markerboard accessory trays and trim.		
10 11 16 33		**Rail-Mounted Markerboards** *(10 11 16)*		
10 11 16 33-0001		Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series) *(10 11 16 33)*		
10 11 16 33-0002		Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,182.16	100.53
10 11 16 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,446.10	100.53
10 11 16 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,767.27	107.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,075.38	107.07
10 11 16 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,839.11	115.11
10 11 16 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,083.06	115.11
10 11 16 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,606.22	120.63
10 11 16 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,216.12	120.63
10 11 16 33-0011		Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,996.05	100.53
10 11 16 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,552.32	100.53
10 11 16 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,062.77	107.07
10 11 16 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,572.77	107.07
10 11 16 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,212.42	115.11
10 11 16 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,432.19	115.11
10 11 16 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,366.50	120.63
10 11 16 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,112.04	120.63
10 11 16 33-0020		Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,343.06	100.53
10 11 16 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,796.28	100.53
10 11 16 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,286.74	107.07
10 11 16 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,808.32	107.07
10 11 16 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,826.52	115.11
10 11 16 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,061.01	115.11
10 11 16 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,154.10	120.63
10 11 16 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	8,007.95	120.63
10 11 16 33-0029		Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series) *(10 11 16 33)*		
10 11 16 33-0030		One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,606.98	100.53
10 11 16 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,873.02	100.53
10 11 16 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,137.41	107.07
10 11 16 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,596.94	107.07
10 11 16 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,929.54	115.11
10 11 16 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,352.26	115.11
10 11 16 33-0037		Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,809.95	100.53
10 11 16 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,218.99	100.53
10 11 16 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,628.49	107.07
10 11 16 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,378.25	107.07
10 11 16 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,830.72	115.11
10 11 16 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,507.91	115.11
10 11 16 33-0044		Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,196.93	100.53
10 11 16 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,752.14	100.53
10 11 16 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,307.80	107.07
10 11 16 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,346.74	107.07
10 11 16 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,931.70	115.11
10 11 16 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	8,882.29	115.11
10 11 16 33-0051		Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series) *(10 11 16 33)* Note: Excludes remotes.		
10 11 16 33-0052		One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
10 11 16 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,459.03	201.06
10 11 16 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,691.42	201.06
10 11 16 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,951.09	207.35
10 11 16 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,374.86	207.35
10 11 16 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,844.85	213.63
10 11 16 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,252.85	213.63
10 11 16 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	11,165.48	226.20
10 11 16 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	11,262.22	226.20

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 33-0061			Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
10 11 16 33-0062		EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,300.32	201.06
10 11 16 33-0063		EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,600.01	201.06
10 11 16 33-0064		EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,936.44	207.35
10 11 16 33-0065		EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,547.39	207.35
10 11 16 33-0066		EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,154.08	213.63
10 11 16 33-0067		EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,732.42	213.63
10 11 16 33-0068		EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	16,951.05	226.20
10 11 16 33-0069		EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,095.11	226.20
10 11 16 33-0070			Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
10 11 16 33-0071		EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,267.78	201.06
10 11 16 33-0072		EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,046.97	201.06
10 11 16 33-0073		EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,443.34	207.35
10 11 16 33-0074		EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	19,228.84	207.35
10 11 16 33-0075		EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	20,057.41	213.63
10 11 16 33-0076		EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	20,852.37	213.63
10 11 16 33-0077		EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	22,484.26	226.20
10 11 16 33-0078		EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	22,749.24	226.20
10 11 16 33-0079			Sliding Chalkboard And Markerboard Accessories *(10 11 16 33)*		
			See CSI section 10 11 13 33-0079 for sliding chalkboard and markerboard accessories.		
10 11 23			**Tackboards** *(10 11)*		
10 11 23 13			**Fixed Tackboards** *(10 11 23)*		
			Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0001			Fixed Tackboards *(10 11 23 13)*		
			Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0002			Cork Surface, Fixed Tackboards *(10 11 23 13-0001)*		
			Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.		
10 11 23 13-0003			5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0002)*		
10 11 23 13-0004		SF	Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	31.20	8.55
10 11 23 13-0005		SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	17.85	4.02
10 11 23 13-0006		SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	15.47	3.47
10 11 23 13-0007		SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	12.41	2.26
10 11 23 13-0008		SF	>24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	10.20	1.26
10 11 23 13-0009			1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series) *(10 11 23 13-0002)*		
10 11 23 13-0010		SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	32.86	8.55
10 11 23 13-0011		SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	18.63	4.02
10 11 23 13-0012		SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	15.08	3.47
10 11 23 13-0013		SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	11.79	2.26
10 11 23 13-0014		SF	>24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	9.24	1.26
10 11 23 13-0015			1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0002)*		
10 11 23 13-0016		SF	Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	33.04	8.55
10 11 23 13-0017		SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	20.25	4.02
10 11 23 13-0018		SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	18.76	3.47
10 11 23 13-0019		SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	14.47	2.26
10 11 23 13-0020		SF	>24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	11.48	1.26
10 11 23 13-0021			Burlap Backed Cork Surface, Fixed Tackboards *(10 11 23 13-0001)*		
			Note: Includes burlap backed 1/4" self healing cork surface, unmounted or mounted on hardboard.		
10 11 23 13-0022			5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0021)*		
10 11 23 13-0023		SF	Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	36.02	8.55
10 11 23 13-0024		SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	23.64	4.02
10 11 23 13-0025		SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	21.59	3.47
10 11 23 13-0026		SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	18.54	2.26
10 11 23 13-0027		SF	>24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	16.44	1.26
10 11 23 13-0028			1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0021)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 23 13-0029	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	40.05	8.55
10 11 23 13-0030	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	27.94	4.02
10 11 23 13-0031	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	25.92	3.47
10 11 23 13-0032	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	21.70	2.26
10 11 23 13-0033	SF	>24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	18.74	1.26
10 11 23 13-0034		Polyester Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)*		
		Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.		
10 11 23 13-0035		5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0034)*		
10 11 23 13-0036	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	32.34	8.55
10 11 23 13-0037	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	19.26	4.02
10 11 23 13-0038	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	17.05	3.47
10 11 23 13-0039	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	14.03	2.26
10 11 23 13-0040	SF	>24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	11.65	1.26
10 11 23 13-0041		1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0034)*		
10 11 23 13-0042	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	34.62	8.55
10 11 23 13-0043	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	22.22	4.02
10 11 23 13-0044	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	20.60	3.47
10 11 23 13-0045	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	16.48	2.26
10 11 23 13-0046	SF	>24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	13.58	1.26
10 11 23 13-0047		Vinyl Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)*		
		Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore.		
10 11 23 13-0048		5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0047)*		
10 11 23 13-0049	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	31.20	8.55
10 11 23 13-0050	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	17.94	4.02
10 11 23 13-0051	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	15.61	3.47
10 11 23 13-0052	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	12.41	2.26
10 11 23 13-0053	SF	>24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	10.00	1.26
10 11 23 13-0054		1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0047)*		
10 11 23 13-0055	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	33.04	8.55
10 11 23 13-0056	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	21.06	4.02
10 11 23 13-0057	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	18.76	3.47
10 11 23 13-0058	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	14.47	2.26
10 11 23 13-0059	SF	4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	11.48	1.26
10 12		**Display Cases** *(10 10)*		
10 12 00 00-0001		Counter Display Cases *(10 12)*		
10 12 00 00-0002	EA	30" x 12" x 36" Counter Display Cases	1,728.35	154.02
10 12 00 00-0003	EA	30" x 12" x 48" Counter Display Cases	1,869.62	154.02
10 12 00 00-0004	EA	30" x 18" x 36" Counter Display Cases	1,812.09	154.02
10 12 00 00-0005	EA	30" x 18" x 48" Counter Display Cases	1,818.89	68.46
10 12 00 00-0006		Upright Display Case *(10 12)*		
10 12 00 00-0007	EA	72 In x 20 In x 70 In Upright Display Case	3,644.78	154.02
10 12 00 00-0008		Full Vision Display Case *(10 12)*		
10 12 00 00-0009	EA	38 In x 20 In x 70 In Full Vision Display Case	2,367.11	154.02
10 13		**Directories** *(10 10)*		
10 13 11		**Directory and Bulletin Boards** *(10 13)*		
		Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board.		
10 13 11 00-0001		Wall Mounted Directories *(10 13 11)*		
		Note: Includes changeable letters.		
10 13 11 00-0002		Open Face, Wall Mounted Directories *(10 13 11 00-0001)*		
		Note: Includes vinyl or felt back panel.		
10 13 11 00-0003		Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series) *(10 13 11 00-0002)*		
10 13 11 00-0004	SF	Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory	52.49	8.55
10 13 11 00-0005	SF	>6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory	34.59	4.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0006	SF	>12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory	31.47	3.47
10 13 11 00-0007	SF	>16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory	24.10	2.26
10 13 11 00-0008	SF	>24 SF, Wood Frame, Open Face, Wall Mounted Directory	19.33	1.26
10 13 11 00-0009		Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series) *(10 13 11 00-0002)*		
10 13 11 00-0010	SF	Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory	53.02	8.55
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0011	SF	>6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory	34.94	4.02
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0012	SF	>12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory	32.17	3.47
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0013	SF	>16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	22.97	2.26
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0014	SF	>24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	19.86	1.26
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0015		Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0001)*		
		Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0016		Wood Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0015)*		
10 13 11 00-0017		Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series) *(10 13 11 00-0016)*		
10 13 11 00-0018	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	131.53	8.55
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0019	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	105.92	4.02
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0020	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	88.69	3.47
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0021	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	82.29	2.26
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0022	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	74.54	1.26
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0023		Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series) *(10 13 11 00-0016)*		
10 13 11 00-0024	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	112.96	8.55
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0025	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	91.61	3.47
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0026	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	65.73	2.26
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0027	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	59.29	1.26
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0028		Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0015)*		
10 13 11 00-0029		Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 11 00-0028)*		
10 13 11 00-0030	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	117.60	8.55
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*20.10*	
10 13 11 00-0031	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	91.47	4.02
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*16.69*	
10 13 11 00-0032	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	77.40	3.47
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*14.09*	
10 13 11 00-0033	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	56.93	2.26
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*10.48*	
10 13 11 00-0034	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	53.25	1.26
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*10.15*	
10 13 11 00-0035		Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 11 00-0028)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0036	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	181.93	8.55
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*32.97*	
10 13 11 00-0037	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	105.85	4.02
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*19.56*	
10 13 11 00-0038	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	89.16	3.47
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*16.45*	
10 13 11 00-0039	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	68.80	2.26
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.36*	
10 13 11 00-0040	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	63.77	1.26
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.25*	

10 13 11 00-0041 Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0001)*
Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0042 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0041)*

10 13 11 00-0043 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series) *(10 13 11 00-0042)*

10 13 11 00-0044	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	178.68	8.55
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0045	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	119.60	4.02
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0046	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	116.29	3.47
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	

10 13 11 00-0047 Wall Mounted Bulletin Boards *(10 13 11)*

10 13 11 00-0048 Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0047)*
Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0049 Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0048)*

10 13 11 00-0050 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series) *(10 13 11 00-0049)*

10 13 11 00-0051	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	128.38	8.55
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0052	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	103.55	4.02
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0053	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	86.32	3.47
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0054	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	80.06	2.26
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0055	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	73.49	1.26
		For Fluorescent Lights, Add	*15.00*	

10 13 11 00-0056 Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series) *(10 13 11 00-0049)*

10 13 11 00-0057	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	107.35	8.55
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0058	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	86.29	3.47
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0059	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	61.61	2.26
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0060	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	56.14	1.26
		For Fluorescent Lights, Add	*15.00*	

10 13 11 00-0061 Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0048)*

10 13 11 00-0062 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 11 00-0061)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0063	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	120.49	8.55
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*20.68*	
10 13 11 00-0064	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	94.35	4.02
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*17.26*	
10 13 11 00-0065	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	80.27	3.47
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*14.67*	
10 13 11 00-0066	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	59.81	2.26
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.06*	
10 13 11 00-0067	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	56.14	1.26
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*10.73*	

10 13 11 00-0068 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 11 00-0061)*

10 13 11 00-0069	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	184.81	8.55
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*33.54*	
10 13 11 00-0070	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	108.72	4.02
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*20.14*	
10 13 11 00-0071	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	92.04	3.47
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*17.02*	
10 13 11 00-0072	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	71.69	2.26
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*13.43*	
10 13 11 00-0073	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	66.65	1.26
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.83*	

10 13 11 00-0074 Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0047)*

Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0075 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0074)*

10 13 11 00-0076 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0075)*

10 13 11 00-0077	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	175.80	8.55
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0078	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	116.72	4.02
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0079	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	113.44	3.47
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	

10 14 Signage *(10 10)*

Note: Where required, signage excludes electrical connection, disconnect, or terminations unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection wiring, 26 05 83 00-0130 for terminations.

10 14 16 Plaques *(10 14)*

Note: Includes minimum 1/4" to 3/8" plaque with custom 1/4" raised lettering and emblem casting. Sizes one to four SF each.

10 14 16 00-0001 Metal Cased Plaque *(10 14 16)*

10 14 16 00-0002	SF	Bronze Cast Plaque With lettering Including Emblem Size 1-4 SF Each	703.95	25.12
		For >5 To 10, Deduct	*-76.43*	
		For >10 Each, Deduct	*-136.78*	
10 14 16 00-0003	SF	Aluminum Cast Plaque With lettering Including Emblem Size 1-4 SF Each	348.70	25.12
		For >5 To 10, Deduct	*-37.35*	
		For >10 Each, Deduct	*-62.17*	

10 14 16 00-0004 Metal Engraved Plaque, Etched *(10 14 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 16 00-0005	SF	Porcelainized Steel Engraved Plaque Including Emblem Size 1-4 SF Each	382.50	25.12
		For >5 To 10, Deduct	*-41.07*	
		For >10 Each, Deduct	*-69.27*	
10 14 16 00-0006	SF	Stainless Steel Engraved Plaque Including Emblem Size 1-4 SF Each	356.86	25.12
		For >5 To 10, Deduct	*-38.25*	
		For >10 Each, Deduct	*-63.89*	
10 14 16 00-0007	SF	Brass Engraved Plaque Including Emblem Size 1-4 SF Each	246.15	25.12
		For >5 To 10, Deduct	*-26.07*	
		For >10 Each, Deduct	*-40.64*	
10 14 16 00-0008	SF	Aluminum Engraved Plaque Including Emblem Size 1-4 SF Each	237.99	25.12
		For >5 To 10, Deduct	*-25.17*	
		For >10 Each, Deduct	*-38.93*	

10 14 16 00-0009 Metal Built-Up Plaque *(10 14 16)*

10 14 16 00-0010	SF	Bronze Built-up Plaque	513.04	31.15
		Note: Including Emblem Size 1-4 SF Each		
		For >5 To 10, Deduct	*-55.18*	
		For >10 Each, Deduct	*-93.92*	
10 14 16 00-0011	SF	Copper And Bronze Built-up Plaque	524.78	31.15
		Note: Including Emblem Size 1-4 SF Each		
		For >5 To 10, Deduct	*-56.47*	
		For >10 Each, Deduct	*-96.39*	
10 14 16 00-0012	SF	Copper And Aluminum Built-up Plaque	390.14	31.15
		Note: Including Emblem Size 1-4 SF Each		
		For >5 To 10, Deduct	*-41.66*	
		For >10 Each, Deduct	*-68.11*	
10 14 16 00-0013	SF	Bronze Built-up Dedication Plaque	605.08	62.80
		Note: Including Raised Bronze Lettering		
		For >5 To 10, Deduct	*-65.30*	
		For >10 Each, Deduct	*-113.25*	
10 14 16 00-0014	SF	Bronze Built-up Plaque	507.22	62.80
		Note: Including Raised Bronze Lettering		
		For >5 To 10, Deduct	*-54.54*	
		For >10 Each, Deduct	*-92.70*	

10 14 16 00-0015 Metal Nameplate Plaques *(10 14 16)*

10 14 16 00-0016	SF	Cast Bronze Nameplate Plaque Including Emblem Size 1-4 SF Each	262.70	17.09
		For >5 To 10, Deduct	*-28.23*	
		For >10 Each, Deduct	*-47.79*	
10 14 16 00-0017	SF	Cast Aluminum Nameplate Plaque Including Emblem Size 1-4 SF Each	270.96	17.09
		For >5 To 10, Deduct	*-29.14*	
		For >10 Each, Deduct	*-49.53*	
10 14 16 00-0018	EA	1-1/2" x 6" Engraved Bronze Nameplate Including Emblem Size 1-4 SF Each	184.43	17.09
		For >5 To 10, Deduct	*-19.62*	
		For >10 Each, Deduct	*-31.36*	
10 14 16 00-0019	EA	1-1/2" x 6" Engraved Aluminum Nameplate Including Emblem Size 1-4 SF Each	136.94	17.09
		For >5 To 10, Deduct	*-14.39*	
		For >10 Each, Deduct	*-21.39*	
10 14 16 00-0020	SF	Bronze Built-up Plaque Including Raised Bronze Lettering (3' x 9")	493.24	62.80
		For >5 To 10, Deduct	*-53.00*	
		For >10 Each, Deduct	*-89.76*	

10 14 19 Dimensional Letter Signage *(10 14)*

Note: Mounted on masonry or concrete.

10 14 19 00-0001 Cast Characters *(10 14 19)*

Note: Any font.

10 14 19 00-0002 Satin Finish, Cast Aluminum Characters *(10 14 19 00-0001)*

10 14 19 00-0003	EA	2" High x 3/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	46.39	6.29
		For Installation With Adhesive, Deduct	*-4.83*	
		For Clear Anodized, Add	*2.13*	
		For Satin Face And Enameled Return, Add	*6.38*	
		For Patina Finish, Add	*8.51*	
		For Color Anodized, Add	*10.64*	
10 14 19 00-0004	EA	3" High x 1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	54.95	6.78
		For Installation With Adhesive, Deduct	*-5.46*	
		For Clear Anodized, Add	*2.78*	
		For Satin Face And Enameled Return, Add	*8.34*	
		For Patina Finish, Add	*11.12*	
		For Color Anodized, Add	*13.91*	
10 14 19 00-0005	EA	4" High x 5/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	60.22	7.28
		For Installation With Adhesive, Deduct	*-5.93*	
		For Clear Anodized, Add	*3.11*	
		For Satin Face And Enameled Return, Add	*9.32*	
		For Patina Finish, Add	*12.43*	
		For Color Anodized, Add	*15.54*	
10 14 19 00-0006	EA	5" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	69.15	8.34
		For Installation With Adhesive, Deduct	*-6.77*	
		For Clear Anodized, Add	*3.60*	
		For Satin Face And Enameled Return, Add	*10.80*	
		For Patina Finish, Add	*14.40*	
		For Color Anodized, Add	*18.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0007	EA	6" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	76.07	8.79
		For Installation With Adhesive, Deduct	*-7.32*	
		For Clear Anodized, Add	*4.09*	
		For Satin Face And Enameled Return, Add	*12.27*	
		For Patina Finish, Add	*16.36*	
		For Color Anodized, Add	*20.45*	
10 14 19 00-0008	EA	8" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	90.90	10.05
		For Installation With Adhesive, Deduct	*-8.56*	
		For Clear Anodized, Add	*5.07*	
		For Satin Face And Enameled Return, Add	*15.21*	
		For Patina Finish, Add	*20.28*	
		For Color Anodized, Add	*25.36*	
10 14 19 00-0009	EA	9" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	101.09	10.56
		For Installation With Adhesive, Deduct	*-9.27*	
		For Clear Anodized, Add	*5.89*	
		For Satin Face And Enameled Return, Add	*17.67*	
		For Patina Finish, Add	*23.56*	
		For Color Anodized, Add	*29.45*	
10 14 19 00-0010	EA	10" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	115.55	11.30
		For Installation With Adhesive, Deduct	*-10.30*	
		For Clear Anodized, Add	*7.03*	
		For Satin Face And Enameled Return, Add	*21.10*	
		For Patina Finish, Add	*28.14*	
		For Color Anodized, Add	*35.17*	
10 14 19 00-0011	EA	12" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	140.60	13.06
		For Installation With Adhesive, Deduct	*-12.26*	
		For Clear Anodized, Add	*8.83*	
		For Satin Face And Enameled Return, Add	*26.50*	
		For Patina Finish, Add	*35.34*	
		For Color Anodized, Add	*44.17*	
10 14 19 00-0012	EA	14" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	168.26	15.07
		For Installation With Adhesive, Deduct	*-14.44*	
		For Clear Anodized, Add	*10.80*	
		For Satin Face And Enameled Return, Add	*32.39*	
		For Patina Finish, Add	*43.19*	
		For Color Anodized, Add	*53.99*	
10 14 19 00-0013	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	184.80	16.75
		For Installation With Adhesive, Deduct	*-15.94*	
		For Clear Anodized, Add	*11.78*	
		For Satin Face And Enameled Return, Add	*35.33*	
		For Patina Finish, Add	*47.11*	
		For Color Anodized, Add	*58.89*	
10 14 19 00-0014	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	206.49	18.09
		For Installation With Adhesive, Deduct	*-17.56*	
		For Clear Anodized, Add	*13.41*	
		For Satin Face And Enameled Return, Add	*40.24*	
		For Patina Finish, Add	*53.66*	
		For Color Anodized, Add	*67.07*	
10 14 19 00-0015	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	250.52	20.09
		For Installation With Adhesive, Deduct	*-20.57*	
		For Clear Anodized, Add	*17.01*	
		For Satin Face And Enameled Return, Add	*51.04*	
		For Patina Finish, Add	*68.05*	
		For Color Anodized, Add	*85.07*	
10 14 19 00-0016	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	303.10	22.61
		For Installation With Adhesive, Deduct	*-24.20*	
		For Clear Anodized, Add	*21.27*	
		For Satin Face And Enameled Return, Add	*63.80*	
		For Patina Finish, Add	*85.06*	
		For Color Anodized, Add	*106.33*	
10 14 19 00-0017	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	365.49	25.12
		For Installation With Adhesive, Deduct	*-28.32*	
		For Clear Anodized, Add	*26.50*	
		For Satin Face And Enameled Return, Add	*79.50*	
		For Patina Finish, Add	*106.00*	
		For Color Anodized, Add	*132.51*	

10 14 19 00-0018 Satin Finish, Cast Bronze Characters *(10 14 19 00-0001)*

10 14 19 00-0019	EA	2" High x 3/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	56.39	6.91
		For Installation With Adhesive, Deduct	*-5.58*	
		For Oxidized Finish, Add	*4.31*	
		For Polished Or Patina Finish, Add	*8.63*	
10 14 19 00-0020	EA	3" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	80.82	7.53
		For Installation With Adhesive, Deduct	*-7.06*	
		For Oxidized Finish, Add	*7.60*	
		For Polished Or Patina Finish, Add	*15.20*	
10 14 19 00-0021	EA	4" High x 5/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	88.30	8.04
		For Installation With Adhesive, Deduct	*-7.63*	
		For Oxidized Finish, Add	*8.42*	
		For Polished Or Patina Finish, Add	*16.85*	
10 14 19 00-0022	EA	5" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	107.39	9.04
		For Installation With Adhesive, Deduct	*-8.99*	
		For Oxidized Finish, Add	*10.68*	
		For Polished Or Patina Finish, Add	*21.37*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0023	EA	6" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	119.49	9.65
		For Installation With Adhesive, Deduct	*-9.84*	
		For Oxidized Finish, Add	*12.12*	
		For Polished Or Patina Finish, Add	*24.24*	
10 14 19 00-0024	EA	8" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	159.26	11.05
		For Installation With Adhesive, Deduct	*-12.39*	
		For Oxidized Finish, Add	*17.26*	
		For Polished Or Patina Finish, Add	*34.51*	
10 14 19 00-0025	EA	9" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	181.80	11.55
		For Installation With Adhesive, Deduct	*-13.71*	
		For Oxidized Finish, Add	*20.34*	
		For Polished Or Patina Finish, Add	*40.67*	
10 14 19 00-0026	EA	10" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	203.63	12.56
		For Installation With Adhesive, Deduct	*-15.21*	
		For Oxidized Finish, Add	*23.01*	
		For Polished Or Patina Finish, Add	*46.02*	
10 14 19 00-0027	EA	12" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	241.80	14.57
		For Installation With Adhesive, Deduct	*-17.92*	
		For Oxidized Finish, Add	*27.53*	
		For Polished Or Patina Finish, Add	*55.06*	
10 14 19 00-0028	EA	14" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	284.08	16.58
		For Installation With Adhesive, Deduct	*-20.84*	
		For Oxidized Finish, Add	*32.66*	
		For Polished Or Patina Finish, Add	*65.33*	
10 14 19 00-0029	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	336.49	20.09
		For Installation With Adhesive, Deduct	*-24.86*	
		For Oxidized Finish, Add	*38.42*	
		For Polished Or Patina Finish, Add	*76.83*	
10 14 19 00-0030	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	349.37	21.61
		For Installation With Adhesive, Deduct	*-26.11*	
		For Oxidized Finish, Add	*39.44*	
		For Polished Or Patina Finish, Add	*78.89*	
10 14 19 00-0031	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	496.27	25.12
		For Installation With Adhesive, Deduct	*-34.86*	
		For Oxidized Finish, Add	*59.37*	
		For Polished Or Patina Finish, Add	*118.74*	
10 14 19 00-0032	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	597.85	28.26
		For Installation With Adhesive, Deduct	*-41.20*	
		For Oxidized Finish, Add	*72.72*	
		For Polished Or Patina Finish, Add	*145.44*	
10 14 19 00-0033	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	760.61	32.65
		For Installation With Adhesive, Deduct	*-51.09*	
		For Oxidized Finish, Add	*94.50*	
		For Polished Or Patina Finish, Add	*188.99*	

10 14 19 00-0034 Molded Characters *(10 14 19)*
Note: Any font.

10 14 19 00-0035 Molded Plastic Characters *(10 14 19 00-0034)*

10 14 19 00-0036	EA	4" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	32.39	5.03
		For Installation With Adhesive, Deduct	*-3.63*	
10 14 19 00-0037	EA	5" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	35.16	5.53
		For Installation With Adhesive, Deduct	*-3.97*	
10 14 19 00-0038	EA	6" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	38.76	6.03
		For Installation With Adhesive, Deduct	*-4.35*	
10 14 19 00-0039	EA	8" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	48.64	6.53
		For Installation With Adhesive, Deduct	*-5.05*	
10 14 19 00-0040	EA	9" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	52.53	7.03
		For Installation With Adhesive, Deduct	*-5.44*	
10 14 19 00-0041	EA	10" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	56.83	7.53
		For Installation With Adhesive, Deduct	*-5.86*	
10 14 19 00-0042	EA	12" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	66.24	8.79
		For Installation With Adhesive, Deduct	*-6.83*	
10 14 19 00-0043	EA	15" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	86.84	11.05
		For Installation With Adhesive, Deduct	*-8.76*	
10 14 19 00-0044	EA	18" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	109.71	13.06
		For Installation With Adhesive, Deduct	*-10.71*	
10 14 19 00-0045	EA	24" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	159.65	16.08
		For Installation With Adhesive, Deduct	*-14.41*	
10 14 19 00-0046	EA	30" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	232.77	18.85
		For Installation With Adhesive, Deduct	*-19.17*	
10 14 19 00-0047	EA	36" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	302.93	21.61
		For Installation With Adhesive, Deduct	*-23.79*	
10 14 19 00-0048	EA	48" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	556.78	28.89
		For Installation With Adhesive, Deduct	*-39.40*	

10 14 19 00-0049 Cutout Characters *(10 14 19)*
Note: Any font.

10 14 19 00-0050 Satin Finish, Aluminum Characters *(10 14 19 00-0049)*

10 14 19 00-0051 1/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0052	EA	2" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	43.11	6.29
		For Installation With Adhesive, Deduct	*-4.67*	
		For Clear Anodized, Add	*1.80*	
		For Satin Face And Enameled Return, Add	*6.30*	
		For Color Anodized, Add	*9.00*	
		For Polished Or Patina Finish, Add	*9.00*	
		For Polished Anodized Finish, Add	*13.49*	
10 14 19 00-0053	EA	4" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	60.22	7.28
		For Installation With Adhesive, Deduct	*-5.93*	
		For Clear Anodized, Add	*3.11*	
		For Satin Face And Enameled Return, Add	*10.88*	
		For Color Anodized, Add	*15.54*	
		For Polished Or Patina Finish, Add	*15.54*	
		For Polished Anodized Finish, Add	*23.31*	
10 14 19 00-0054	EA	6" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	80.97	8.79
		For Installation With Adhesive, Deduct	*-7.57*	
		For Clear Anodized, Add	*4.58*	
		For Satin Face And Enameled Return, Add	*16.03*	
		For Color Anodized, Add	*22.90*	
		For Polished Or Patina Finish, Add	*22.90*	
		For Polished Anodized Finish, Add	*34.35*	
10 14 19 00-0055	EA	8" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	99.08	10.05
		For Installation With Adhesive, Deduct	*-8.97*	
		For Clear Anodized, Add	*5.89*	
		For Satin Face And Enameled Return, Add	*20.61*	
		For Color Anodized, Add	*29.45*	
		For Polished Or Patina Finish, Add	*29.45*	
		For Polished Anodized Finish, Add	*44.17*	
10 14 19 00-0056	EA	10" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	113.92	11.30
		For Installation With Adhesive, Deduct	*-10.22*	
		For Clear Anodized, Add	*6.87*	
		For Satin Face And Enameled Return, Add	*24.05*	
		For Color Anodized, Add	*34.36*	
		For Polished Or Patina Finish, Add	*34.36*	
		For Polished Anodized Finish, Add	*51.53*	
10 14 19 00-0057	EA	12" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	130.78	13.06
		For Installation With Adhesive, Deduct	*-11.77*	
		For Clear Anodized, Add	*7.85*	
		For Satin Face And Enameled Return, Add	*27.48*	
		For Color Anodized, Add	*39.26*	
		For Polished Or Patina Finish, Add	*39.26*	
		For Polished Anodized Finish, Add	*58.89*	
10 14 19 00-0058	EA	14" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	153.53	15.07
		For Installation With Adhesive, Deduct	*-13.71*	
		For Clear Anodized, Add	*9.32*	
		For Satin Face And Enameled Return, Add	*32.63*	
		For Color Anodized, Add	*46.62*	
		For Polished Or Patina Finish, Add	*46.62*	
		For Polished Anodized Finish, Add	*69.93*	
10 14 19 00-0059	EA	16" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	181.95	18.09
		For Installation With Adhesive, Deduct	*-16.33*	
		For Clear Anodized, Add	*10.96*	
		For Satin Face And Enameled Return, Add	*38.36*	
		For Color Anodized, Add	*54.80*	
		For Polished Or Patina Finish, Add	*54.80*	
		For Polished Anodized Finish, Add	*82.20*	
10 14 19 00-0060	EA	18" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	204.72	20.09
		For Installation With Adhesive, Deduct	*-18.28*	
		For Clear Anodized, Add	*12.43*	
		For Satin Face And Enameled Return, Add	*43.52*	
		For Color Anodized, Add	*62.17*	
		For Polished Or Patina Finish, Add	*62.17*	
		For Polished Anodized Finish, Add	*93.25*	
10 14 19 00-0061	EA	20" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	245.85	22.61
		For Installation With Adhesive, Deduct	*-21.34*	
		For Clear Anodized, Add	*15.54*	
		For Satin Face And Enameled Return, Add	*54.39*	
		For Color Anodized, Add	*77.71*	
		For Polished Or Patina Finish, Add	*77.71*	
		For Polished Anodized Finish, Add	*116.56*	
10 14 19 00-0062	EA	22" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	281.95	23.86
		For Installation With Adhesive, Deduct	*-23.64*	
		For Clear Anodized, Add	*18.65*	
		For Satin Face And Enameled Return, Add	*65.27*	
		For Color Anodized, Add	*93.25*	
		For Polished Or Patina Finish, Add	*93.25*	
		For Polished Anodized Finish, Add	*139.87*	
10 14 19 00-0063	EA	24" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	349.13	25.12
		For Installation With Adhesive, Deduct	*-27.50*	
		For Clear Anodized, Add	*24.87*	
		For Satin Face And Enameled Return, Add	*87.03*	
		For Color Anodized, Add	*124.33*	
		For Polished Or Patina Finish, Add	*124.33*	
		For Polished Anodized Finish, Add	*186.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0064	EA	30" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	499.55	30.15
		For Installation With Adhesive, Deduct	*-37.04*	
		For Clear Anodized, Add	*37.90*	
		For Satin Face And Enameled Return, Add	*132.64*	
		For Color Anodized, Add	*189.49*	
		For Polished Or Patina Finish, Add	*189.49*	
		For Polished Anodized Finish, Add	*284.23*	
10 14 19 00-0065		3/8" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0066	EA	2" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	54.63	6.29
		For Installation With Adhesive, Deduct	*-5.24*	
		For Clear Anodized, Add	*2.95*	
		For Satin Face And Enameled Return, Add	*10.33*	
		For Color Anodized, Add	*14.76*	
		For Polished Or Patina Finish, Add	*14.76*	
		For Polished Anodized Finish, Add	*22.13*	
10 14 19 00-0067	EA	4" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	78.25	7.28
		For Installation With Adhesive, Deduct	*-6.83*	
		For Clear Anodized, Add	*4.91*	
		For Satin Face And Enameled Return, Add	*17.19*	
		For Color Anodized, Add	*24.56*	
		For Polished Or Patina Finish, Add	*24.56*	
		For Polished Anodized Finish, Add	*36.83*	
10 14 19 00-0068	EA	6" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	98.84	8.79
		For Installation With Adhesive, Deduct	*-8.46*	
		For Clear Anodized, Add	*6.37*	
		For Satin Face And Enameled Return, Add	*22.28*	
		For Color Anodized, Add	*31.84*	
		For Polished Or Patina Finish, Add	*31.84*	
		For Polished Anodized Finish, Add	*47.75*	
10 14 19 00-0069	EA	8" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	123.82	10.05
		For Installation With Adhesive, Deduct	*-10.21*	
		For Clear Anodized, Add	*8.36*	
		For Satin Face And Enameled Return, Add	*29.27*	
		For Color Anodized, Add	*41.82*	
		For Polished Or Patina Finish, Add	*41.82*	
		For Polished Anodized Finish, Add	*62.72*	
10 14 19 00-0070	EA	10" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	143.46	11.30
		For Installation With Adhesive, Deduct	*-11.69*	
		For Clear Anodized, Add	*9.83*	
		For Satin Face And Enameled Return, Add	*34.39*	
		For Color Anodized, Add	*49.13*	
		For Polished Or Patina Finish, Add	*49.13*	
		For Polished Anodized Finish, Add	*73.69*	
10 14 19 00-0071	EA	12" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	168.47	13.06
		For Installation With Adhesive, Deduct	*-13.65*	
		For Clear Anodized, Add	*11.62*	
		For Satin Face And Enameled Return, Add	*40.67*	
		For Color Anodized, Add	*58.11*	
		For Polished Or Patina Finish, Add	*58.11*	
		For Polished Anodized Finish, Add	*87.16*	
10 14 19 00-0072	EA	14" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	197.36	15.07
		For Installation With Adhesive, Deduct	*-15.90*	
		For Clear Anodized, Add	*13.71*	
		For Satin Face And Enameled Return, Add	*47.97*	
		For Color Anodized, Add	*68.54*	
		For Polished Or Patina Finish, Add	*68.54*	
		For Polished Anodized Finish, Add	*102.80*	
10 14 19 00-0073	EA	16" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	244.43	18.09
		For Installation With Adhesive, Deduct	*-19.46*	
		For Clear Anodized, Add	*17.21*	
		For Satin Face And Enameled Return, Add	*60.23*	
		For Color Anodized, Add	*86.04*	
		For Polished Or Patina Finish, Add	*86.04*	
		For Polished Anodized Finish, Add	*129.06*	
10 14 19 00-0074	EA	18" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	283.04	20.09
		For Installation With Adhesive, Deduct	*-22.19*	
		For Clear Anodized, Add	*20.27*	
		For Satin Face And Enameled Return, Add	*70.93*	
		For Color Anodized, Add	*101.33*	
		For Polished Or Patina Finish, Add	*101.33*	
		For Polished Anodized Finish, Add	*151.99*	
10 14 19 00-0075	EA	20" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	328.21	22.61
		For Installation With Adhesive, Deduct	*-25.45*	
		For Clear Anodized, Add	*23.78*	
		For Satin Face And Enameled Return, Add	*83.22*	
		For Color Anodized, Add	*118.89*	
		For Polished Or Patina Finish, Add	*118.89*	
		For Polished Anodized Finish, Add	*178.33*	
10 14 19 00-0076	EA	22" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	367.73	23.86
		For Installation With Adhesive, Deduct	*-27.93*	
		For Clear Anodized, Add	*27.23*	
		For Satin Face And Enameled Return, Add	*95.29*	
		For Color Anodized, Add	*136.14*	
		For Polished Or Patina Finish, Add	*136.14*	
		For Polished Anodized Finish, Add	*204.20*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0077	EA	24" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	408.81	25.12
		For Installation With Adhesive, Deduct	*-30.49*	
		For Clear Anodized, Add	*30.83*	
		For Satin Face And Enameled Return, Add	*107.92*	
		For Color Anodized, Add	*154.17*	
		For Polished Or Patina Finish, Add	*154.17*	
		For Polished Anodized Finish, Add	*231.25*	
10 14 19 00-0078	EA	30" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	562.26	30.15
		For Installation With Adhesive, Deduct	*-40.17*	
		For Clear Anodized, Add	*44.17*	
		For Satin Face And Enameled Return, Add	*154.59*	
		For Color Anodized, Add	*220.84*	
		For Polished Or Patina Finish, Add	*220.84*	
		For Polished Anodized Finish, Add	*331.26*	
10 14 19 00-0079		1/2" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0080	EA	2" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	67.95	6.29
		For Installation With Adhesive, Deduct	*-5.91*	
		For Clear Anodized, Add	*4.28*	
		For Satin Face And Enameled Return, Add	*14.99*	
		For Color Anodized, Add	*21.42*	
		For Polished Or Patina Finish, Add	*21.42*	
		For Polished Anodized Finish, Add	*32.12*	
10 14 19 00-0081	EA	4" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	87.88	7.28
		For Installation With Adhesive, Deduct	*-7.31*	
		For Clear Anodized, Add	*5.87*	
		For Satin Face And Enameled Return, Add	*20.56*	
		For Color Anodized, Add	*29.37*	
		For Polished Or Patina Finish, Add	*29.37*	
		For Polished Anodized Finish, Add	*44.06*	
10 14 19 00-0082	EA	6" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	110.29	8.79
		For Installation With Adhesive, Deduct	*-9.03*	
		For Clear Anodized, Add	*7.51*	
		For Satin Face And Enameled Return, Add	*26.29*	
		For Color Anodized, Add	*37.56*	
		For Polished Or Patina Finish, Add	*37.56*	
		For Polished Anodized Finish, Add	*56.34*	
10 14 19 00-0083	EA	8" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	130.29	10.05
		For Installation With Adhesive, Deduct	*-10.53*	
		For Clear Anodized, Add	*9.01*	
		For Satin Face And Enameled Return, Add	*31.54*	
		For Color Anodized, Add	*45.05*	
		For Polished Or Patina Finish, Add	*45.05*	
		For Polished Anodized Finish, Add	*67.58*	
10 14 19 00-0084	EA	10" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	151.70	11.30
		For Installation With Adhesive, Deduct	*-12.11*	
		For Clear Anodized, Add	*10.65*	
		For Satin Face And Enameled Return, Add	*37.27*	
		For Color Anodized, Add	*53.25*	
		For Polished Or Patina Finish, Add	*53.25*	
		For Polished Anodized Finish, Add	*79.87*	
10 14 19 00-0085	EA	12" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	186.53	13.06
		For Installation With Adhesive, Deduct	*-14.55*	
		For Clear Anodized, Add	*13.43*	
		For Satin Face And Enameled Return, Add	*46.99*	
		For Color Anodized, Add	*67.14*	
		For Polished Or Patina Finish, Add	*67.14*	
		For Polished Anodized Finish, Add	*100.70*	
10 14 19 00-0086	EA	14" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	229.99	15.07
		For Installation With Adhesive, Deduct	*-17.53*	
		For Clear Anodized, Add	*16.97*	
		For Satin Face And Enameled Return, Add	*59.40*	
		For Color Anodized, Add	*84.85*	
		For Polished Or Patina Finish, Add	*84.85*	
		For Polished Anodized Finish, Add	*127.28*	
10 14 19 00-0087	EA	16" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	278.40	18.09
		For Installation With Adhesive, Deduct	*-21.16*	
		For Clear Anodized, Add	*20.61*	
		For Satin Face And Enameled Return, Add	*72.12*	
		For Color Anodized, Add	*103.03*	
		For Polished Or Patina Finish, Add	*103.03*	
		For Polished Anodized Finish, Add	*154.54*	
10 14 19 00-0088	EA	18" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	337.74	20.09
		For Installation With Adhesive, Deduct	*-24.93*	
		For Clear Anodized, Add	*25.74*	
		For Satin Face And Enameled Return, Add	*90.07*	
		For Color Anodized, Add	*128.68*	
		For Polished Or Patina Finish, Add	*128.68*	
		For Polished Anodized Finish, Add	*193.01*	
10 14 19 00-0089	EA	20" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	398.14	22.61
		For Installation With Adhesive, Deduct	*-28.95*	
		For Clear Anodized, Add	*30.77*	
		For Satin Face And Enameled Return, Add	*107.70*	
		For Color Anodized, Add	*153.85*	
		For Polished Or Patina Finish, Add	*153.85*	
		For Polished Anodized Finish, Add	*230.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0090	EA	22" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	457.25	23.86
		For Installation With Adhesive, Deduct	*-32.41*	
		For Clear Anodized, Add	*36.18*	
		For Satin Face And Enameled Return, Add	*126.63*	
		For Color Anodized, Add	*180.90*	
		For Polished Or Patina Finish, Add	*180.90*	
		For Polished Anodized Finish, Add	*271.34*	
10 14 19 00-0091	EA	24" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	513.24	25.12
		For Installation With Adhesive, Deduct	*-35.71*	
		For Clear Anodized, Add	*41.28*	
		For Satin Face And Enameled Return, Add	*144.47*	
		For Color Anodized, Add	*206.38*	
		For Polished Or Patina Finish, Add	*206.38*	
		For Polished Anodized Finish, Add	*309.57*	
10 14 19 00-0092	EA	30" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	712.43	30.15
		For Installation With Adhesive, Deduct	*-47.68*	
		For Clear Anodized, Add	*59.19*	
		For Satin Face And Enameled Return, Add	*207.15*	
		For Color Anodized, Add	*295.93*	
		For Polished Or Patina Finish, Add	*295.93*	
		For Polished Anodized Finish, Add	*443.89*	
10 14 19 00-0093		3/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0094	EA	2" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	71.01	6.29
		For Installation With Adhesive, Deduct	*-6.06*	
		For Clear Anodized, Add	*4.59*	
		For Satin Face And Enameled Return, Add	*16.06*	
		For Color Anodized, Add	*22.95*	
		For Polished Or Patina Finish, Add	*22.95*	
		For Polished Anodized Finish, Add	*34.42*	
10 14 19 00-0095	EA	4" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	91.30	7.28
		For Installation With Adhesive, Deduct	*-7.48*	
		For Clear Anodized, Add	*6.22*	
		For Satin Face And Enameled Return, Add	*21.76*	
		For Color Anodized, Add	*31.08*	
		For Polished Or Patina Finish, Add	*31.08*	
		For Polished Anodized Finish, Add	*46.62*	
10 14 19 00-0096	EA	6" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	120.37	8.79
		For Installation With Adhesive, Deduct	*-9.54*	
		For Clear Anodized, Add	*8.52*	
		For Satin Face And Enameled Return, Add	*29.82*	
		For Color Anodized, Add	*42.60*	
		For Polished Or Patina Finish, Add	*42.60*	
		For Polished Anodized Finish, Add	*63.90*	
10 14 19 00-0097	EA	8" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	159.74	10.05
		For Installation With Adhesive, Deduct	*-12.01*	
		For Clear Anodized, Add	*11.96*	
		For Satin Face And Enameled Return, Add	*41.84*	
		For Color Anodized, Add	*59.78*	
		For Polished Or Patina Finish, Add	*59.78*	
		For Polished Anodized Finish, Add	*89.66*	
10 14 19 00-0098	EA	10" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	200.49	11.30
		For Installation With Adhesive, Deduct	*-14.55*	
		For Clear Anodized, Add	*15.53*	
		For Satin Face And Enameled Return, Add	*54.35*	
		For Color Anodized, Add	*77.64*	
		For Polished Or Patina Finish, Add	*77.64*	
		For Polished Anodized Finish, Add	*116.46*	
10 14 19 00-0099	EA	12" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	251.70	13.06
		For Installation With Adhesive, Deduct	*-17.81*	
		For Clear Anodized, Add	*19.94*	
		For Satin Face And Enameled Return, Add	*69.80*	
		For Color Anodized, Add	*99.72*	
		For Polished Or Patina Finish, Add	*99.72*	
		For Polished Anodized Finish, Add	*149.58*	
10 14 19 00-0100	EA	14" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	313.91	15.07
		For Installation With Adhesive, Deduct	*-21.72*	
		For Clear Anodized, Add	*25.36*	
		For Satin Face And Enameled Return, Add	*88.77*	
		For Color Anodized, Add	*126.81*	
		For Polished Or Patina Finish, Add	*126.81*	
		For Polished Anodized Finish, Add	*190.22*	
10 14 19 00-0101	EA	16" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	388.01	18.09
		For Installation With Adhesive, Deduct	*-26.64*	
		For Clear Anodized, Add	*31.57*	
		For Satin Face And Enameled Return, Add	*110.48*	
		For Color Anodized, Add	*157.83*	
		For Polished Or Patina Finish, Add	*157.83*	
		For Polished Anodized Finish, Add	*236.75*	
10 14 19 00-0102	EA	18" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	474.50	20.09
		For Installation With Adhesive, Deduct	*-31.76*	
		For Clear Anodized, Add	*39.41*	
		For Satin Face And Enameled Return, Add	*137.94*	
		For Color Anodized, Add	*197.06*	
		For Polished Or Patina Finish, Add	*197.06*	
		For Polished Anodized Finish, Add	*295.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0103	EA	20" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	564.43	22.61
		For Installation With Adhesive, Deduct	*-37.27*	
		For Clear Anodized, Add	*47.40*	
		For Satin Face And Enameled Return, Add	*165.90*	
		For Color Anodized, Add	*237.00*	
		For Polished Or Patina Finish, Add	*237.00*	
		For Polished Anodized Finish, Add	*355.49*	
10 14 19 00-0104	EA	22" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	654.92	23.86
		For Installation With Adhesive, Deduct	*-42.29*	
		For Clear Anodized, Add	*55.95*	
		For Satin Face And Enameled Return, Add	*195.81*	
		For Color Anodized, Add	*279.73*	
		For Polished Or Patina Finish, Add	*279.73*	
		For Polished Anodized Finish, Add	*419.60*	
10 14 19 00-0105	EA	24" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	749.46	25.12
		For Installation With Adhesive, Deduct	*-47.52*	
		For Clear Anodized, Add	*64.90*	
		For Satin Face And Enameled Return, Add	*227.14*	
		For Color Anodized, Add	*324.49*	
		For Polished Or Patina Finish, Add	*324.49*	
		For Polished Anodized Finish, Add	*486.74*	
10 14 19 00-0106	EA	30" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,030.44	30.15
		For Installation With Adhesive, Deduct	*-63.58*	
		For Clear Anodized, Add	*90.99*	
		For Satin Face And Enameled Return, Add	*318.45*	
		For Color Anodized, Add	*454.93*	
		For Polished Or Patina Finish, Add	*454.93*	
		For Polished Anodized Finish, Add	*682.40*	
10 14 19 00-0107		1" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0108	EA	2" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	79.10	6.29
		For Installation With Adhesive, Deduct	*-6.47*	
		For Clear Anodized, Add	*5.40*	
		For Satin Face And Enameled Return, Add	*18.89*	
		For Color Anodized, Add	*26.99*	
		For Polished Or Patina Finish, Add	*26.99*	
		For Polished Anodized Finish, Add	*40.49*	
10 14 19 00-0109	EA	4" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	97.83	7.28
		For Installation With Adhesive, Deduct	*-7.81*	
		For Clear Anodized, Add	*6.87*	
		For Satin Face And Enameled Return, Add	*24.04*	
		For Color Anodized, Add	*34.35*	
		For Polished Or Patina Finish, Add	*34.35*	
		For Polished Anodized Finish, Add	*51.52*	
10 14 19 00-0110	EA	6" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	128.61	8.79
		For Installation With Adhesive, Deduct	*-9.95*	
		For Clear Anodized, Add	*9.34*	
		For Satin Face And Enameled Return, Add	*32.70*	
		For Color Anodized, Add	*46.72*	
		For Polished Or Patina Finish, Add	*46.72*	
		For Polished Anodized Finish, Add	*70.08*	
10 14 19 00-0111	EA	8" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	176.23	10.05
		For Installation With Adhesive, Deduct	*-12.83*	
		For Clear Anodized, Add	*13.60*	
		For Satin Face And Enameled Return, Add	*47.61*	
		For Color Anodized, Add	*68.02*	
		For Polished Or Patina Finish, Add	*68.02*	
		For Polished Anodized Finish, Add	*102.03*	
10 14 19 00-0112	EA	10" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	239.65	11.30
		For Installation With Adhesive, Deduct	*-16.50*	
		For Clear Anodized, Add	*19.44*	
		For Satin Face And Enameled Return, Add	*68.05*	
		For Color Anodized, Add	*97.22*	
		For Polished Or Patina Finish, Add	*97.22*	
		For Polished Anodized Finish, Add	*145.83*	
10 14 19 00-0113	EA	12" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	313.74	13.06
		For Installation With Adhesive, Deduct	*-20.91*	
		For Clear Anodized, Add	*26.15*	
		For Satin Face And Enameled Return, Add	*91.52*	
		For Color Anodized, Add	*130.74*	
		For Polished Or Patina Finish, Add	*130.74*	
		For Polished Anodized Finish, Add	*196.11*	
10 14 19 00-0114	EA	14" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	396.90	15.07
		For Installation With Adhesive, Deduct	*-25.87*	
		For Clear Anodized, Add	*33.66*	
		For Satin Face And Enameled Return, Add	*117.81*	
		For Color Anodized, Add	*168.31*	
		For Polished Or Patina Finish, Add	*168.31*	
		For Polished Anodized Finish, Add	*252.46*	
10 14 19 00-0115	EA	16" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	493.22	18.09
		For Installation With Adhesive, Deduct	*-31.90*	
		For Clear Anodized, Add	*42.09*	
		For Satin Face And Enameled Return, Add	*147.30*	
		For Color Anodized, Add	*210.44*	
		For Polished Or Patina Finish, Add	*210.44*	
		For Polished Anodized Finish, Add	*315.65*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0116	EA	18" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	597.58	20.09
		For Installation With Adhesive, Deduct	*-37.92*	
		For Clear Anodized, Add	*51.72*	
		For Satin Face And Enameled Return, Add	*181.02*	
		For Color Anodized, Add	*258.60*	
		For Polished Or Patina Finish, Add	*258.60*	
		For Polished Anodized Finish, Add	*387.89*	
10 14 19 00-0117	EA	20" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	735.38	22.61
		For Installation With Adhesive, Deduct	*-45.81*	
		For Clear Anodized, Add	*64.49*	
		For Satin Face And Enameled Return, Add	*225.73*	
		For Color Anodized, Add	*322.47*	
		For Polished Or Patina Finish, Add	*322.47*	
		For Polished Anodized Finish, Add	*483.71*	
10 14 19 00-0118	EA	22" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	876.84	23.86
		For Installation With Adhesive, Deduct	*-53.39*	
		For Clear Anodized, Add	*78.14*	
		For Satin Face And Enameled Return, Add	*273.48*	
		For Color Anodized, Add	*390.69*	
		For Polished Or Patina Finish, Add	*390.69*	
		For Polished Anodized Finish, Add	*586.04*	
10 14 19 00-0119	EA	24" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,035.41	25.12
		For Installation With Adhesive, Deduct	*-61.82*	
		For Clear Anodized, Add	*93.49*	
		For Satin Face And Enameled Return, Add	*327.23*	
		For Color Anodized, Add	*467.47*	
		For Polished Or Patina Finish, Add	*467.47*	
		For Polished Anodized Finish, Add	*701.20*	
10 14 19 00-0120	EA	30" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,463.29	30.15
		For Installation With Adhesive, Deduct	*-85.22*	
		For Clear Anodized, Add	*134.27*	
		For Satin Face And Enameled Return, Add	*469.95*	
		For Color Anodized, Add	*671.36*	
		For Polished Or Patina Finish, Add	*671.36*	
		For Polished Anodized Finish, Add	*1,007.03*	
10 14 19 00-0121		Satin Finish, Brass Characters *(10 14 19 00-0049)*		
10 14 19 00-0122		1/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*		
10 14 19 00-0123	EA	2" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	58.87	6.29
		For Installation With Adhesive, Deduct	*-5.46*	
		For Oxidized Finish, Add	*5.06*	
		For Polished Finish, Add	*10.13*	
10 14 19 00-0124	EA	4" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	76.11	7.28
		For Installation With Adhesive, Deduct	*-6.72*	
		For Oxidized Finish, Add	*7.05*	
		For Polished Finish, Add	*14.09*	
10 14 19 00-0125	EA	6" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	105.09	8.79
		For Installation With Adhesive, Deduct	*-8.77*	
		For Oxidized Finish, Add	*10.49*	
		For Polished Finish, Add	*20.98*	
10 14 19 00-0126	EA	8" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	137.83	10.05
		For Installation With Adhesive, Deduct	*-10.91*	
		For Oxidized Finish, Add	*14.65*	
		For Polished Finish, Add	*29.29*	
10 14 19 00-0127	EA	10" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	176.61	11.30
		For Installation With Adhesive, Deduct	*-13.35*	
		For Oxidized Finish, Add	*19.71*	
		For Polished Finish, Add	*39.42*	
10 14 19 00-0128	EA	12" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	223.44	13.06
		For Installation With Adhesive, Deduct	*-16.40*	
		For Oxidized Finish, Add	*25.68*	
		For Polished Finish, Add	*51.35*	
10 14 19 00-0129	EA	14" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	279.69	15.07
		For Installation With Adhesive, Deduct	*-20.01*	
		For Oxidized Finish, Add	*32.91*	
		For Polished Finish, Add	*65.82*	
10 14 19 00-0130	EA	16" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	341.17	18.09
		For Installation With Adhesive, Deduct	*-24.29*	
		For Oxidized Finish, Add	*40.32*	
		For Polished Finish, Add	*80.65*	
10 14 19 00-0131	EA	18" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	414.48	20.09
		For Installation With Adhesive, Deduct	*-28.76*	
		For Oxidized Finish, Add	*50.11*	
		For Polished Finish, Add	*100.23*	
10 14 19 00-0132	EA	20" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	493.07	22.61
		For Installation With Adhesive, Deduct	*-33.70*	
		For Oxidized Finish, Add	*60.39*	
		For Polished Finish, Add	*120.79*	
10 14 19 00-0133	EA	22" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	606.58	23.86
		For Installation With Adhesive, Deduct	*-39.88*	
		For Oxidized Finish, Add	*76.67*	
		For Polished Finish, Add	*153.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0134	EA	24" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	665.33	25.12
		For Installation With Adhesive, Deduct	*-43.31*	
		For Oxidized Finish, Add	*84.73*	
		For Polished Finish, Add	*169.46*	
10 14 19 00-0135	EA	30" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,001.32	30.15
		For Installation With Adhesive, Deduct	*-62.12*	
		For Oxidized Finish, Add	*132.11*	
		For Polished Finish, Add	*264.22*	
10 14 19 00-0136		3/8" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*		
10 14 19 00-0137	EA	2" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	70.69	6.29
		For Installation With Adhesive, Deduct	*-6.05*	
		For Oxidized Finish, Add	*6.84*	
		For Polished Finish, Add	*13.67*	
10 14 19 00-0138	EA	4" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	92.55	7.28
		For Installation With Adhesive, Deduct	*-7.54*	
		For Oxidized Finish, Add	*9.51*	
		For Polished Finish, Add	*19.02*	
10 14 19 00-0139	EA	6" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	133.05	8.79
		For Installation With Adhesive, Deduct	*-10.17*	
		For Oxidized Finish, Add	*14.68*	
		For Polished Finish, Add	*29.36*	
10 14 19 00-0140	EA	8" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	176.89	10.05
		For Installation With Adhesive, Deduct	*-12.86*	
		For Oxidized Finish, Add	*20.51*	
		For Polished Finish, Add	*41.01*	
10 14 19 00-0141	EA	10" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	235.74	11.30
		For Installation With Adhesive, Deduct	*-16.31*	
		For Oxidized Finish, Add	*28.58*	
		For Polished Finish, Add	*57.16*	
10 14 19 00-0142	EA	12" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	300.47	13.06
		For Installation With Adhesive, Deduct	*-20.25*	
		For Oxidized Finish, Add	*37.23*	
		For Polished Finish, Add	*74.46*	
10 14 19 00-0143	EA	14" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	378.41	15.07
		For Installation With Adhesive, Deduct	*-24.95*	
		For Oxidized Finish, Add	*47.72*	
		For Polished Finish, Add	*95.44*	
10 14 19 00-0144	EA	16" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	448.70	18.09
		For Installation With Adhesive, Deduct	*-29.67*	
		For Oxidized Finish, Add	*56.45*	
		For Polished Finish, Add	*112.91*	
10 14 19 00-0145	EA	18" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	564.82	20.09
		For Installation With Adhesive, Deduct	*-36.28*	
		For Oxidized Finish, Add	*72.66*	
		For Polished Finish, Add	*145.33*	
10 14 19 00-0146	EA	20" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	654.12	22.61
		For Installation With Adhesive, Deduct	*-41.75*	
		For Oxidized Finish, Add	*84.55*	
		For Polished Finish, Add	*169.10*	
10 14 19 00-0147	EA	22" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	805.92	23.86
		For Installation With Adhesive, Deduct	*-49.84*	
		For Oxidized Finish, Add	*106.57*	
		For Polished Finish, Add	*213.14*	
10 14 19 00-0148	EA	24" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	919.51	25.12
		For Installation With Adhesive, Deduct	*-56.02*	
		For Oxidized Finish, Add	*122.85*	
		For Polished Finish, Add	*245.71*	
10 14 19 00-0149	EA	30" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,274.35	30.15
		For Installation With Adhesive, Deduct	*-75.78*	
		For Oxidized Finish, Add	*173.07*	
		For Polished Finish, Add	*346.13*	
10 14 19 00-0150		1/2" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*		
10 14 19 00-0151	EA	2" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	89.25	6.29
		For Installation With Adhesive, Deduct	*-6.97*	
		For Oxidized Finish, Add	*9.62*	
		For Polished Finish, Add	*19.24*	
10 14 19 00-0152	EA	4" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	116.03	7.28
		For Installation With Adhesive, Deduct	*-8.72*	
		For Oxidized Finish, Add	*13.03*	
		For Polished Finish, Add	*26.07*	
10 14 19 00-0153	EA	6" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	168.01	8.79
		For Installation With Adhesive, Deduct	*-11.92*	
		For Oxidized Finish, Add	*19.93*	
		For Polished Finish, Add	*39.85*	
10 14 19 00-0154	EA	8" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	230.59	10.05
		For Installation With Adhesive, Deduct	*-15.55*	
		For Oxidized Finish, Add	*28.56*	
		For Polished Finish, Add	*57.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0155	EA	10" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	321.14	11.30
		For Installation With Adhesive, Deduct	*-20.58*	
		For Oxidized Finish, Add	*41.39*	
		For Polished Finish, Add	*82.78*	
10 14 19 00-0156	EA	12" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	428.85	13.06
		For Installation With Adhesive, Deduct	*-26.67*	
		For Oxidized Finish, Add	*56.49*	
		For Polished Finish, Add	*112.98*	
10 14 19 00-0157	EA	14" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	531.99	15.07
		For Installation With Adhesive, Deduct	*-32.63*	
		For Oxidized Finish, Add	*70.76*	
		For Polished Finish, Add	*141.51*	
10 14 19 00-0158	EA	16" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	634.19	18.09
		For Installation With Adhesive, Deduct	*-38.94*	
		For Oxidized Finish, Add	*84.28*	
		For Polished Finish, Add	*168.55*	
10 14 19 00-0159	EA	18" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	865.50	20.09
		For Installation With Adhesive, Deduct	*-51.31*	
		For Oxidized Finish, Add	*117.77*	
		For Polished Finish, Add	*235.53*	
10 14 19 00-0160	EA	20" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	976.22	22.61
		For Installation With Adhesive, Deduct	*-57.86*	
		For Oxidized Finish, Add	*132.87*	
		For Polished Finish, Add	*265.73*	
10 14 19 00-0161	EA	22" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,219.93	23.86
		For Installation With Adhesive, Deduct	*-70.54*	
		For Oxidized Finish, Add	*168.67*	
		For Polished Finish, Add	*337.34*	
10 14 19 00-0162	EA	24" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,427.88	25.12
		For Installation With Adhesive, Deduct	*-81.44*	
		For Oxidized Finish, Add	*199.11*	
		For Polished Finish, Add	*398.22*	
10 14 19 00-0163	EA	30" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,155.09	30.15
		For Installation With Adhesive, Deduct	*-119.81*	
		For Oxidized Finish, Add	*305.18*	
		For Polished Finish, Add	*610.35*	
10 14 19 00-0164		3/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*		
10 14 19 00-0165	EA	2" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	109.50	6.29
		For Installation With Adhesive, Deduct	*-7.99*	
		For Oxidized Finish, Add	*12.66*	
		For Polished Finish, Add	*25.31*	
10 14 19 00-0166	EA	4" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	153.60	7.28
		For Installation With Adhesive, Deduct	*-10.59*	
		For Oxidized Finish, Add	*18.67*	
		For Polished Finish, Add	*37.34*	
10 14 19 00-0167	EA	6" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	209.96	8.79
		For Installation With Adhesive, Deduct	*-14.02*	
		For Oxidized Finish, Add	*26.22*	
		For Polished Finish, Add	*52.44*	
10 14 19 00-0168	EA	8" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	284.30	10.05
		For Installation With Adhesive, Deduct	*-18.23*	
		For Oxidized Finish, Add	*36.62*	
		For Polished Finish, Add	*73.23*	
10 14 19 00-0169	EA	10" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	386.84	11.30
		For Installation With Adhesive, Deduct	*-23.86*	
		For Oxidized Finish, Add	*51.24*	
		For Polished Finish, Add	*102.49*	
10 14 19 00-0170	EA	12" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	531.56	13.06
		For Installation With Adhesive, Deduct	*-31.80*	
		For Oxidized Finish, Add	*71.90*	
		For Polished Finish, Add	*143.79*	
10 14 19 00-0171	EA	14" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	663.63	15.07
		For Installation With Adhesive, Deduct	*-39.21*	
		For Oxidized Finish, Add	*90.50*	
		For Polished Finish, Add	*181.00*	
10 14 19 00-0172	EA	16" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	773.97	18.09
		For Installation With Adhesive, Deduct	*-45.93*	
		For Oxidized Finish, Add	*105.24*	
		For Polished Finish, Add	*210.49*	
10 14 19 00-0173	EA	18" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,032.54	20.09
		For Installation With Adhesive, Deduct	*-59.67*	
		For Oxidized Finish, Add	*142.82*	
		For Polished Finish, Add	*285.65*	
10 14 19 00-0174	EA	20" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,129.22	22.61
		For Installation With Adhesive, Deduct	*-65.51*	
		For Oxidized Finish, Add	*155.82*	
		For Polished Finish, Add	*311.63*	
10 14 19 00-0175	EA	22" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,434.60	23.86
		For Installation With Adhesive, Deduct	*-81.28*	
		For Oxidized Finish, Add	*200.87*	
		For Polished Finish, Add	*401.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0176	EA	24" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,823.27	25.12
		For Installation With Adhesive, Deduct	*-101.21*	
		For Oxidized Finish, Add	*258.42*	
		For Polished Finish, Add	*516.84*	
10 14 19 00-0177	EA	30" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,754.00	30.15
		For Installation With Adhesive, Deduct	*-149.76*	
		For Oxidized Finish, Add	*395.01*	
		For Polished Finish, Add	*790.03*	
10 14 19 00-0178		Satin Finish, Bronze Characters *(10 14 19 00-0049)*		
10 14 19 00-0179		1/4" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*		
10 14 19 00-0180	EA	2" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	62.40	6.29
		For Installation With Adhesive, Deduct	*-5.63*	
		For Oxidized Finish, Add	*5.59*	
		For Polished Or Patina Finish, Add	*11.18*	
10 14 19 00-0181	EA	4" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	81.07	7.28
		For Installation With Adhesive, Deduct	*-6.97*	
		For Oxidized Finish, Add	*7.79*	
		For Polished Or Patina Finish, Add	*15.58*	
10 14 19 00-0182	EA	6" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	112.40	8.79
		For Installation With Adhesive, Deduct	*-9.14*	
		For Oxidized Finish, Add	*11.58*	
		For Polished Or Patina Finish, Add	*23.17*	
10 14 19 00-0183	EA	8" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	148.04	10.05
		For Installation With Adhesive, Deduct	*-11.42*	
		For Oxidized Finish, Add	*16.18*	
		For Polished Or Patina Finish, Add	*32.36*	
10 14 19 00-0184	EA	10" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	190.34	11.30
		For Installation With Adhesive, Deduct	*-14.04*	
		For Oxidized Finish, Add	*21.77*	
		For Polished Or Patina Finish, Add	*43.54*	
10 14 19 00-0185	EA	12" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	241.33	13.06
		For Installation With Adhesive, Deduct	*-17.29*	
		For Oxidized Finish, Add	*28.36*	
		For Polished Or Patina Finish, Add	*56.72*	
10 14 19 00-0186	EA	14" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	302.62	15.07
		For Installation With Adhesive, Deduct	*-21.16*	
		For Oxidized Finish, Add	*36.35*	
		For Polished Or Patina Finish, Add	*72.70*	
10 14 19 00-0187	EA	16" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	375.93	18.09
		For Installation With Adhesive, Deduct	*-26.03*	
		For Oxidized Finish, Add	*45.54*	
		For Polished Or Patina Finish, Add	*91.07*	
10 14 19 00-0188	EA	18" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	450.54	20.09
		For Installation With Adhesive, Deduct	*-30.57*	
		For Oxidized Finish, Add	*55.52*	
		For Polished Or Patina Finish, Add	*111.05*	
10 14 19 00-0189	EA	20" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	535.16	22.61
		For Installation With Adhesive, Deduct	*-35.80*	
		For Oxidized Finish, Add	*66.71*	
		For Polished Or Patina Finish, Add	*133.42*	
10 14 19 00-0190	EA	22" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	625.39	23.86
		For Installation With Adhesive, Deduct	*-40.82*	
		For Oxidized Finish, Add	*79.49*	
		For Polished Or Patina Finish, Add	*158.98*	
10 14 19 00-0191	EA	24" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	724.95	25.12
		For Installation With Adhesive, Deduct	*-46.30*	
		For Oxidized Finish, Add	*93.67*	
		For Polished Or Patina Finish, Add	*187.34*	
10 14 19 00-0192	EA	30" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,103.22	30.15
		For Installation With Adhesive, Deduct	*-67.22*	
		For Oxidized Finish, Add	*147.40*	
		For Polished Or Patina Finish, Add	*294.79*	
10 14 19 00-0193		3/8" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*		
10 14 19 00-0194	EA	2" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	74.33	6.29
		For Installation With Adhesive, Deduct	*-6.23*	
		For Oxidized Finish, Add	*7.38*	
		For Polished Or Patina Finish, Add	*14.76*	
10 14 19 00-0195	EA	4" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	97.17	7.28
		For Installation With Adhesive, Deduct	*-7.77*	
		For Oxidized Finish, Add	*10.20*	
		For Polished Or Patina Finish, Add	*20.41*	
10 14 19 00-0196	EA	6" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	141.74	8.79
		For Installation With Adhesive, Deduct	*-10.60*	
		For Oxidized Finish, Add	*15.99*	
		For Polished Or Patina Finish, Add	*31.97*	
10 14 19 00-0197	EA	8" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	187.95	10.05
		For Installation With Adhesive, Deduct	*-13.42*	
		For Oxidized Finish, Add	*22.16*	
		For Polished Or Patina Finish, Add	*44.33*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0198	EA	10" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	255.65	11.30
		For Installation With Adhesive, Deduct	*-17.30*	
		For Oxidized Finish, Add	*31.57*	
		For Polished Or Patina Finish, Add	*63.13*	
10 14 19 00-0199	EA	12" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	324.52	13.06
		For Installation With Adhesive, Deduct	*-21.45*	
		For Oxidized Finish, Add	*40.84*	
		For Polished Or Patina Finish, Add	*81.68*	
10 14 19 00-0200	EA	14" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	406.82	15.07
		For Installation With Adhesive, Deduct	*-26.37*	
		For Oxidized Finish, Add	*51.98*	
		For Polished Or Patina Finish, Add	*103.96*	
10 14 19 00-0201	EA	16" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	503.43	18.09
		For Installation With Adhesive, Deduct	*-32.41*	
		For Oxidized Finish, Add	*64.66*	
		For Polished Or Patina Finish, Add	*129.32*	
10 14 19 00-0202	EA	18" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	609.71	20.09
		For Installation With Adhesive, Deduct	*-38.52*	
		For Oxidized Finish, Add	*79.40*	
		For Polished Or Patina Finish, Add	*158.80*	
10 14 19 00-0203	EA	20" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	726.39	22.61
		For Installation With Adhesive, Deduct	*-45.36*	
		For Oxidized Finish, Add	*95.39*	
		For Polished Or Patina Finish, Add	*190.79*	
10 14 19 00-0204	EA	22" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	853.26	23.86
		For Installation With Adhesive, Deduct	*-52.21*	
		For Oxidized Finish, Add	*113.67*	
		For Polished Or Patina Finish, Add	*227.34*	
10 14 19 00-0205	EA	24" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	968.49	25.12
		For Installation With Adhesive, Deduct	*-58.47*	
		For Oxidized Finish, Add	*130.20*	
		For Polished Or Patina Finish, Add	*260.40*	
10 14 19 00-0206	EA	30" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,329.23	30.15
		For Installation With Adhesive, Deduct	*-78.52*	
		For Oxidized Finish, Add	*181.30*	
		For Polished Or Patina Finish, Add	*362.60*	

10 14 19 00-0207 1/2" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0208	EA	2" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	76.94	6.29
		For Installation With Adhesive, Deduct	*-6.36*	
		For Oxidized Finish, Add	*7.77*	
		For Polished Or Patina Finish, Add	*15.55*	
10 14 19 00-0209	EA	4" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	115.86	7.28
		For Installation With Adhesive, Deduct	*-8.71*	
		For Oxidized Finish, Add	*13.01*	
		For Polished Or Patina Finish, Add	*26.02*	
10 14 19 00-0210	EA	6" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	165.68	8.79
		For Installation With Adhesive, Deduct	*-11.80*	
		For Oxidized Finish, Add	*19.58*	
		For Polished Or Patina Finish, Add	*39.15*	
10 14 19 00-0211	EA	8" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	228.93	10.05
		For Installation With Adhesive, Deduct	*-15.47*	
		For Oxidized Finish, Add	*28.31*	
		For Polished Or Patina Finish, Add	*56.62*	
10 14 19 00-0212	EA	10" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	313.70	11.30
		For Installation With Adhesive, Deduct	*-20.21*	
		For Oxidized Finish, Add	*40.27*	
		For Polished Or Patina Finish, Add	*80.55*	
10 14 19 00-0213	EA	12" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	428.51	13.06
		For Installation With Adhesive, Deduct	*-26.65*	
		For Oxidized Finish, Add	*56.44*	
		For Polished Or Patina Finish, Add	*112.88*	
10 14 19 00-0214	EA	14" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	557.07	15.07
		For Installation With Adhesive, Deduct	*-33.88*	
		For Oxidized Finish, Add	*74.52*	
		For Polished Or Patina Finish, Add	*149.03*	
10 14 19 00-0215	EA	16" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	697.72	18.09
		For Installation With Adhesive, Deduct	*-42.12*	
		For Oxidized Finish, Add	*93.81*	
		For Polished Or Patina Finish, Add	*187.61*	
10 14 19 00-0216	EA	18" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	857.71	20.09
		For Installation With Adhesive, Deduct	*-50.92*	
		For Oxidized Finish, Add	*116.60*	
		For Polished Or Patina Finish, Add	*233.20*	
10 14 19 00-0217	EA	20" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,028.79	22.61
		For Installation With Adhesive, Deduct	*-60.48*	
		For Oxidized Finish, Add	*140.75*	
		For Polished Or Patina Finish, Add	*281.51*	
10 14 19 00-0218	EA	22" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,218.92	23.86
		For Installation With Adhesive, Deduct	*-70.49*	
		For Oxidized Finish, Add	*168.52*	
		For Polished Or Patina Finish, Add	*337.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0219	EA	24" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,418.11	25.12
		For Installation With Adhesive, Deduct	*-80.95*	
		For Oxidized Finish, Add	*197.64*	
		For Polished Or Patina Finish, Add	*395.29*	
10 14 19 00-0220	EA	30" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,987.59	30.15
		For Installation With Adhesive, Deduct	*-111.44*	
		For Oxidized Finish, Add	*280.05*	
		For Polished Or Patina Finish, Add	*560.10*	
10 14 19 00-0221		Satin Finish, Copper Characters *(10 14 19 00-0049)*		
10 14 19 00-0222		1/4" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*		
10 14 19 00-0223	EA	2" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	58.87	6.29
		For Installation With Adhesive, Deduct	*-5.46*	
		For Polished Finish, Add	*10.13*	
10 14 19 00-0224	EA	4" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	77.36	7.28
		For Installation With Adhesive, Deduct	*-6.78*	
		For Polished Finish, Add	*14.47*	
10 14 19 00-0225	EA	6" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	109.91	8.79
		For Installation With Adhesive, Deduct	*-9.01*	
		For Polished Finish, Add	*22.42*	
10 14 19 00-0226	EA	8" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	146.27	10.05
		For Installation With Adhesive, Deduct	*-11.33*	
		For Polished Finish, Add	*31.82*	
10 14 19 00-0227	EA	10" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	186.25	11.30
		For Installation With Adhesive, Deduct	*-13.83*	
		For Polished Finish, Add	*42.31*	
10 14 19 00-0228	EA	12" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	237.90	13.06
		For Installation With Adhesive, Deduct	*-17.12*	
		For Polished Finish, Add	*55.69*	
10 14 19 00-0229	EA	14" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	298.97	15.07
		For Installation With Adhesive, Deduct	*-20.98*	
		For Polished Finish, Add	*71.60*	
10 14 19 00-0230	EA	16" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	368.90	18.09
		For Installation With Adhesive, Deduct	*-25.68*	
		For Polished Finish, Add	*88.97*	
10 14 19 00-0231	EA	18" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	443.24	20.09
		For Installation With Adhesive, Deduct	*-30.20*	
		For Polished Finish, Add	*108.86*	
10 14 19 00-0232	EA	20" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	525.62	22.61
		For Installation With Adhesive, Deduct	*-35.33*	
		For Polished Finish, Add	*130.55*	
10 14 19 00-0233	EA	22" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	615.03	23.86
		For Installation With Adhesive, Deduct	*-40.30*	
		For Polished Finish, Add	*155.87*	
10 14 19 00-0234	EA	24" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	711.66	25.12
		For Installation With Adhesive, Deduct	*-45.63*	
		For Polished Finish, Add	*183.35*	
10 14 19 00-0235	EA	30" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,025.26	30.15
		For Installation With Adhesive, Deduct	*-63.32*	
		For Polished Finish, Add	*271.40*	
10 14 19 00-0236		3/8" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*		
10 14 19 00-0237	EA	2" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	67.31	6.29
		For Installation With Adhesive, Deduct	*-5.88*	
		For Polished Finish, Add	*12.66*	
10 14 19 00-0238	EA	4" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	91.82	7.28
		For Installation With Adhesive, Deduct	*-7.51*	
		For Polished Finish, Add	*18.80*	
10 14 19 00-0239	EA	6" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	136.07	8.79
		For Installation With Adhesive, Deduct	*-10.32*	
		For Polished Finish, Add	*30.27*	
10 14 19 00-0240	EA	8" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	188.70	10.05
		For Installation With Adhesive, Deduct	*-13.45*	
		For Polished Finish, Add	*44.55*	
10 14 19 00-0241	EA	10" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	256.77	11.30
		For Installation With Adhesive, Deduct	*-17.36*	
		For Polished Finish, Add	*63.47*	
10 14 19 00-0242	EA	12" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	321.44	13.06
		For Installation With Adhesive, Deduct	*-21.30*	
		For Polished Finish, Add	*80.75*	
10 14 19 00-0243	EA	14" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	406.38	15.07
		For Installation With Adhesive, Deduct	*-26.35*	
		For Polished Finish, Add	*103.83*	
10 14 19 00-0244	EA	16" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	502.34	18.09
		For Installation With Adhesive, Deduct	*-32.35*	
		For Polished Finish, Add	*129.00*	
10 14 19 00-0245	EA	18" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	606.52	20.09
		For Installation With Adhesive, Deduct	*-38.37*	
		For Polished Finish, Add	*157.84*	
10 14 19 00-0246	EA	20" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	721.45	22.61
		For Installation With Adhesive, Deduct	*-45.12*	
		For Polished Finish, Add	*189.30*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0247	EA	22" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	848.84	23.86
		For Installation With Adhesive, Deduct	*-51.99*	
		For Polished Finish, Add	*226.01*	
10 14 19 00-0248	EA	24" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	956.13	25.12
		For Installation With Adhesive, Deduct	*-57.85*	
		For Polished Finish, Add	*256.70*	
10 14 19 00-0249	EA	30" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,341.90	30.15
		For Installation With Adhesive, Deduct	*-79.15*	
		For Polished Finish, Add	*366.40*	

10 14 19 00-0250 Satin Finish, Stainless Steel Characters *(10 14 19 00-0049)*

10 14 19 00-0251 1/4" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0252	EA	2" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	56.17	6.29
		For Installation With Adhesive, Deduct	*-5.32*	
		For Polished Finish, Add	*9.32*	
10 14 19 00-0253	EA	4" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	74.16	7.28
		For Installation With Adhesive, Deduct	*-6.62*	
		For Polished Finish, Add	*13.51*	
10 14 19 00-0254	EA	6" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	95.72	8.79
		For Installation With Adhesive, Deduct	*-8.30*	
		For Polished Finish, Add	*18.17*	
10 14 19 00-0255	EA	8" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	124.03	10.05
		For Installation With Adhesive, Deduct	*-10.22*	
		For Polished Finish, Add	*25.15*	
10 14 19 00-0256	EA	10" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	152.34	11.30
		For Installation With Adhesive, Deduct	*-12.14*	
		For Polished Finish, Add	*32.14*	
10 14 19 00-0257	EA	12" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	187.33	13.06
		For Installation With Adhesive, Deduct	*-14.59*	
		For Polished Finish, Add	*40.52*	
10 14 19 00-0258	EA	14" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	224.86	15.07
		For Installation With Adhesive, Deduct	*-17.27*	
		For Polished Finish, Add	*49.37*	
10 14 19 00-0259	EA	16" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	269.52	18.09
		For Installation With Adhesive, Deduct	*-20.71*	
		For Polished Finish, Add	*59.15*	
10 14 19 00-0260	EA	18" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	314.83	20.09
		For Installation With Adhesive, Deduct	*-23.78*	
		For Polished Finish, Add	*70.33*	
10 14 19 00-0261	EA	20" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	368.35	22.61
		For Installation With Adhesive, Deduct	*-27.46*	
		For Polished Finish, Add	*83.37*	
10 14 19 00-0262	EA	22" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	429.26	23.86
		For Installation With Adhesive, Deduct	*-31.01*	
		For Polished Finish, Add	*100.14*	
10 14 19 00-0263	EA	24" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	491.72	25.12
		For Installation With Adhesive, Deduct	*-34.63*	
		For Polished Finish, Add	*117.37*	
10 14 19 00-0264	EA	30" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	676.39	30.15
		For Installation With Adhesive, Deduct	*-45.88*	
		For Polished Finish, Add	*166.74*	

10 14 19 00-0265 3/8" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0266	EA	2" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	67.04	6.29
		For Installation With Adhesive, Deduct	*-5.86*	
		For Polished Finish, Add	*12.58*	
10 14 19 00-0267	EA	4" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	89.92	7.28
		For Installation With Adhesive, Deduct	*-7.41*	
		For Polished Finish, Add	*18.23*	
10 14 19 00-0268	EA	6" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	115.70	8.79
		For Installation With Adhesive, Deduct	*-9.30*	
		For Polished Finish, Add	*24.16*	
10 14 19 00-0269	EA	8" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	148.34	10.05
		For Installation With Adhesive, Deduct	*-11.44*	
		For Polished Finish, Add	*32.45*	
10 14 19 00-0270	EA	10" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	183.40	11.30
		For Installation With Adhesive, Deduct	*-13.69*	
		For Polished Finish, Add	*41.46*	
10 14 19 00-0271	EA	12" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	226.50	13.06
		For Installation With Adhesive, Deduct	*-16.55*	
		For Polished Finish, Add	*52.27*	
10 14 19 00-0272	EA	14" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	272.59	15.07
		For Installation With Adhesive, Deduct	*-19.66*	
		For Polished Finish, Add	*63.69*	
10 14 19 00-0273	EA	16" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	326.71	18.09
		For Installation With Adhesive, Deduct	*-23.57*	
		For Polished Finish, Add	*76.31*	
10 14 19 00-0274	EA	18" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	380.47	20.09
		For Installation With Adhesive, Deduct	*-27.06*	
		For Polished Finish, Add	*90.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0275	EA	20" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	446.16	22.61
		For Installation With Adhesive, Deduct	*-31.35*	
		For Polished Finish, Add	*106.72*	
10 14 19 00-0276	EA	22" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	502.70	23.86
		For Installation With Adhesive, Deduct	*-34.68*	
		For Polished Finish, Add	*122.17*	
10 14 19 00-0277	EA	24" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	577.80	25.12
		For Installation With Adhesive, Deduct	*-38.94*	
		For Polished Finish, Add	*143.20*	
10 14 19 00-0278	EA	30" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	798.67	30.15
		For Installation With Adhesive, Deduct	*-51.99*	
		For Polished Finish, Add	*203.43*	
10 14 19 00-0279		1/2" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*		
10 14 19 00-0280	EA	2" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	81.01	6.29
		For Installation With Adhesive, Deduct	*-6.56*	
		For Polished Finish, Add	*16.77*	
10 14 19 00-0281	EA	4" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	110.18	7.28
		For Installation With Adhesive, Deduct	*-8.42*	
		For Polished Finish, Add	*24.31*	
10 14 19 00-0282	EA	6" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	142.34	8.79
		For Installation With Adhesive, Deduct	*-10.63*	
		For Polished Finish, Add	*32.15*	
10 14 19 00-0283	EA	8" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	187.74	10.05
		For Installation With Adhesive, Deduct	*-13.41*	
		For Polished Finish, Add	*44.27*	
10 14 19 00-0284	EA	10" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	233.75	11.30
		For Installation With Adhesive, Deduct	*-16.21*	
		For Polished Finish, Add	*56.56*	
10 14 19 00-0285	EA	12" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	289.99	13.06
		For Installation With Adhesive, Deduct	*-19.73*	
		For Polished Finish, Add	*71.32*	
10 14 19 00-0286	EA	14" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	349.93	15.07
		For Installation With Adhesive, Deduct	*-23.53*	
		For Polished Finish, Add	*86.89*	
10 14 19 00-0287	EA	16" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	419.38	18.09
		For Installation With Adhesive, Deduct	*-28.20*	
		For Polished Finish, Add	*104.11*	
10 14 19 00-0288	EA	18" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	500.03	20.09
		For Installation With Adhesive, Deduct	*-33.04*	
		For Polished Finish, Add	*125.89*	
10 14 19 00-0289	EA	20" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	587.89	22.61
		For Installation With Adhesive, Deduct	*-38.44*	
		For Polished Finish, Add	*149.24*	
10 14 19 00-0290	EA	22" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	659.58	23.86
		For Installation With Adhesive, Deduct	*-42.53*	
		For Polished Finish, Add	*169.24*	
10 14 19 00-0291	EA	24" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	761.68	25.12
		For Installation With Adhesive, Deduct	*-48.13*	
		For Polished Finish, Add	*198.36*	
10 14 19 00-0292	EA	30" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	1,059.91	30.15
		For Installation With Adhesive, Deduct	*-65.05*	
		For Polished Finish, Add	*281.80*	
10 14 23		**Panel Signage** *(10 14)*		
10 14 23 11		**Panel Signage** *(10 14 23)*		
10 14 23 11-0001		Indoor/Outdoor Signs *(10 14 23 11)* Note: Office number signs, conference room signs, restroom signs, stairway signs, fire extinguisher marker, ANSI/OSHA safety signs, entry/exit signs, etc.		
10 14 23 11-0002		Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*		
10 14 23 11-0003		Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)* Note: Multi-color with words, symbols and graphics.		
10 14 23 11-0004	EA	Up To 25 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	27.67	11.19
		For >25 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.32*	
		For >100, Deduct	*-1.59*	
		For Clear Glass Mount, Add	*4.23*	
		For Glow-In-Dark, Add	*10.58*	
		For Reflective Finish, Add	*11.90*	
10 14 23 11-0005	EA	>25 To 50 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	31.45	11.19
		For >25 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.27*	
		For >100, Deduct	*-2.72*	
		For Clear Glass Mount, Add	*7.26*	
		For Glow-In-Dark, Add	*18.14*	
		For Reflective Finish, Add	*20.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0006	EA	>50 To 100 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	37.50	11.19
		For >25 To 50, Deduct	*-1.51*	
		For >50 To 100, Deduct	*-3.78*	
		For >100, Deduct	*-4.54*	
		For Clear Glass Mount, Add	*12.10*	
		For Glow-In-Dark, Add	*30.24*	
		For Reflective Finish, Add	*34.02*	
10 14 23 11-0007	EA	>100 To 250 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	45.06	11.19
		For >25 To 50, Deduct	*-2.27*	
		For >50 To 100, Deduct	*-5.67*	
		For >100, Deduct	*-6.80*	
		For Clear Glass Mount, Add	*18.14*	
		For Glow-In-Dark, Add	*45.36*	
		For Reflective Finish, Add	*51.03*	
10 14 23 11-0008	EA	>250 To 500 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	58.67	11.19
		For >25 To 50, Deduct	*-3.63*	
		For >50 To 100, Deduct	*-9.07*	
		For >100, Deduct	*-10.89*	
		For Clear Glass Mount, Add	*29.03*	
		For Glow-In-Dark, Add	*72.58*	
		For Reflective Finish, Add	*81.65*	
10 14 23 11-0009	EA	>500 To 750 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	82.86	11.19
		For >25 To 50, Deduct	*-6.05*	
		For >50 To 100, Deduct	*-15.12*	
		For >100, Deduct	*-18.14*	
		For Clear Glass Mount, Add	*48.38*	
		For Glow-In-Dark, Add	*120.96*	
		For Reflective Finish, Add	*136.08*	
10 14 23 11-0010	EA	>750 To 1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	113.10	11.19
		For >25 To 50, Deduct	*-9.07*	
		For >50 To 100, Deduct	*-22.68*	
		For >100, Deduct	*-27.22*	
		For Clear Glass Mount, Add	*72.58*	
		For Glow-In-Dark, Add	*181.44*	
		For Reflective Finish, Add	*204.12*	
10 14 23 11-0011	SI	>1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	0.12	0.01
		For Clear Glass Mount, Add	*0.08*	
		For Glow-In-Dark, Add	*0.20*	
		For Reflective Finish, Add	*0.23*	

10 14 23 11-0012 Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Signs

(10 14 23 11-0002)

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 11-0013	EA	Up To 25 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	29.18	11.19
		For >25 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.70*	
		For >100, Deduct	*-2.04*	
		For Glow-In-Dark, Add	*13.60*	
		For Reflective Finish, Add	*14.62*	
10 14 23 11-0014	EA	>25 To 50 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	32.96	11.19
		For >25 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.65*	
		For >100, Deduct	*-3.17*	
		For Glow-In-Dark, Add	*21.16*	
		For Reflective Finish, Add	*22.75*	
10 14 23 11-0015	EA	>50 To 100 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	40.52	11.19
		For >25 To 50, Deduct	*-1.81*	
		For >50 To 100, Deduct	*-4.54*	
		For >100, Deduct	*-5.44*	
		For Glow-In-Dark, Add	*36.28*	
		For Reflective Finish, Add	*39.00*	
10 14 23 11-0016	EA	>100 To 250 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	48.08	11.19
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.43*	
		For >100, Deduct	*-7.71*	
		For Glow-In-Dark, Add	*51.40*	
		For Reflective Finish, Add	*55.26*	
10 14 23 11-0017	EA	>250 To 500 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	59.42	11.19
		For >25 To 50, Deduct	*-3.70*	
		For >50 To 100, Deduct	*-9.26*	
		For >100, Deduct	*-11.11*	
		For Glow-In-Dark, Add	*74.08*	
		For Reflective Finish, Add	*79.64*	
10 14 23 11-0018	EA	>500 To 750 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	70.76	11.19
		For >25 To 50, Deduct	*-4.84*	
		For >50 To 100, Deduct	*-12.10*	
		For >100, Deduct	*-14.51*	
		For Glow-In-Dark, Add	*96.76*	
		For Reflective Finish, Add	*104.02*	
10 14 23 11-0019	EA	>750 To 1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	82.86	11.19
		For >25 To 50, Deduct	*-6.05*	
		For >50 To 100, Deduct	*-15.12*	
		For >100, Deduct	*-18.14*	
		For Glow-In-Dark, Add	*120.96*	
		For Reflective Finish, Add	*130.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0020	SI	>1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	0.09	0.01
		For Glow-In-Dark, Add	*0.14*	
		For Reflective Finish, Add	*0.15*	
10 14 23 11-0021		**Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille** *(10 14 23 11-0002)*		
		Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.		
10 14 23 11-0022	EA	Up To 25 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	40.52	11.19
		For >25 To 50, Deduct	*-1.81*	
		For >50 To 100, Deduct	*-4.54*	
		For >100, Deduct	*-5.44*	
		For Molded Plastic Frame, Add	*15.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*23.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 11-0023	EA	>25 To 50 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	45.06	11.19
		For >25 To 50, Deduct	*-2.27*	
		For >50 To 100, Deduct	*-5.67*	
		For >100, Deduct	*-6.80*	
		For Molded Plastic Frame, Add	*17.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*28.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 11-0024	EA	>50 To 75 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	52.62	11.19
		For >25 To 50, Deduct	*-3.02*	
		For >50 To 100, Deduct	*-7.56*	
		For >100, Deduct	*-9.07*	
		For Molded Plastic Frame, Add	*19.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*31.00*	
10 14 23 11-0025	EA	>75 To 100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	59.73	11.19
		For >25 To 50, Deduct	*-3.74*	
		For >50 To 100, Deduct	*-9.34*	
		For >100, Deduct	*-11.21*	
		For Molded Plastic Frame, Add	*21.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*35.00*	
10 14 23 11-0026	SI	>100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	0.64	0.11
		For Molded Plastic Frame, Add	*0.20*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*0.31*	
10 14 23 11-0027		**Engraved Steel, Surface Mount, Indoor/Outdoor Signs** *(10 14 23 11-0002)*		
		Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.		
10 14 23 11-0028	EA	Up To 25 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	51.11	11.19
		For >25 To 50, Deduct	*-2.87*	
		For >50 To 100, Deduct	*-7.18*	
		For >100, Deduct	*-8.62*	
		For Molded Plastic Frame, Add	*15.00*	
10 14 23 11-0029	EA	>25 To 50 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	60.18	11.19
		For >25 To 50, Deduct	*-3.78*	
		For >50 To 100, Deduct	*-9.45*	
		For >100, Deduct	*-11.34*	
		For Molded Plastic Frame, Add	*17.00*	
10 14 23 11-0030	EA	>50 To 75 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	72.28	11.19
		For >25 To 50, Deduct	*-4.99*	
		For >50 To 100, Deduct	*-12.48*	
		For >100, Deduct	*-14.97*	
		For Molded Plastic Frame, Add	*19.00*	
10 14 23 11-0031	EA	>75 To 100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	96.47	11.19
		For >25 To 50, Deduct	*-7.41*	
		For >50 To 100, Deduct	*-18.52*	
		For >100, Deduct	*-22.23*	
		For Molded Plastic Frame, Add	*21.00*	
10 14 23 11-0032	SI	>100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	0.96	0.11
		For Molded Plastic Frame, Add	*0.20*	
10 14 23 11-0033		**Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Signs** *(10 14 23 11-0002)*		
		Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.		
10 14 23 11-0034	EA	Up To 25 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	28.43	11.19
		For >25 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-1.82*	
		For Glow-In-Dark, Add	*3.63*	
		For Reflective Finish, Add	*4.54*	
10 14 23 11-0035	EA	>25 To 50 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	32.96	11.19
		For >25 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.65*	
		For >100, Deduct	*-3.17*	
		For Glow-In-Dark, Add	*6.35*	
		For Reflective Finish, Add	*7.94*	
10 14 23 11-0036	EA	>50 To 100 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	42.04	11.19
		For >25 To 50, Deduct	*-1.97*	
		For >50 To 100, Deduct	*-4.92*	
		For >100, Deduct	*-5.90*	
		For Glow-In-Dark, Add	*11.80*	
		For Reflective Finish, Add	*14.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0037	EA	>100 To 250 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	52.62	11.19
		For >25 To 50, Deduct	*-3.02*	
		For >50 To 100, Deduct	*-7.56*	
		For >100, Deduct	*-9.07*	
		For Glow-In-Dark, Add	*18.14*	
		For Reflective Finish, Add	*22.68*	
10 14 23 11-0038	EA	>250 To 500 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	84.37	11.19
		For >25 To 50, Deduct	*-6.20*	
		For >50 To 100, Deduct	*-15.50*	
		For >100, Deduct	*-18.60*	
		For Glow-In-Dark, Add	*37.19*	
		For Reflective Finish, Add	*46.49*	
10 14 23 11-0039	EA	>500 To 750 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	97.98	11.19
		For >25 To 50, Deduct	*-7.56*	
		For >50 To 100, Deduct	*-18.90*	
		For >100, Deduct	*-22.68*	
		For Glow-In-Dark, Add	*45.36*	
		For Reflective Finish, Add	*56.70*	
10 14 23 11-0040	EA	>750 To 1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	116.12	11.19
		For >25 To 50, Deduct	*-9.37*	
		For >50 To 100, Deduct	*-23.44*	
		For >100, Deduct	*-28.12*	
		For Glow-In-Dark, Add	*56.24*	
		For Reflective Finish, Add	*70.31*	
10 14 23 11-0041	SI	>1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	0.12	0.01
		For Glow-In-Dark, Add	*0.06*	
		For Reflective Finish, Add	*0.08*	

10 14 23 11-0042 California Title 24, Surface Mount, Signs *(10 14 23 11-0002)*

10 14 23 11-0043 California Title 24, Surface Mount, Geometric Restroom Signs *(10 14 23 11-0042)*

Note: Includes 1/4" thick acrylic or PVC construction, color that contrasts with the door color, and with or without the international symbol of accessibility and staff only designation.

10 14 23 11-0044	EA	1/4" Thick, Equilateral Triangle With 12" Long Edges, California Title 24, Surface Mount, Geometric Male Restroom Sign	77.95	11.19
		For >25 To 50, Deduct	*-5.56*	
		For >50 To 100, Deduct	*-8.34*	
		For >100, Deduct	*-9.45*	
10 14 23 11-0045	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Female Restroom Sign	77.95	11.19
		For >25 To 50, Deduct	*-5.56*	
		For >50 To 100, Deduct	*-8.34*	
		For >100, Deduct	*-9.45*	
10 14 23 11-0046	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Unisex Restroom Sign Note: Includes contrasting color equilateral triangle with 12" long edges superimposed on the circle.	100.17	11.19
		For >25 To 50, Deduct	*-7.78*	
		For >50 To 100, Deduct	*-11.67*	
		For >100, Deduct	*-13.22*	

10 14 23 11-0047 California Title 24, Surface Mount, Stairwell Signs *(10 14 23 11-0042)*

Note: Includes 1/16" matte finish colored polymer face plate with 1/16" acrylic backer. Includes information on stairway location, roof access availability, floor level number, basement or mezzanine level identification and exit level and direction.

10 14 23 11-0048	EA	1/8" Thick, 12" x 18", California Title 24, Surface Mount, Stairwell Sign	147.80	11.19
		For >25 To 50, Deduct	*-12.54*	
		For >50 To 100, Deduct	*-18.81*	
		For >100, Deduct	*-21.32*	

10 14 23 11-0049 Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0050 Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 11-0049)*

10 14 23 11-0051	EA	Up To 25 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	39.65	15.66
		For >25 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.08*	
		For >100, Deduct	*-2.50*	
		For Glow-In-Dark, Add	*4.99*	
		For Reflective Finish, Add	*6.24*	
10 14 23 11-0052	EA	>25 To 50 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	46.45	15.66
		For >25 To 50, Deduct	*-1.51*	
		For >50 To 100, Deduct	*-3.78*	
		For >100, Deduct	*-4.54*	
		For Glow-In-Dark, Add	*9.07*	
		For Reflective Finish, Add	*11.34*	
10 14 23 11-0053	EA	>50 To 100 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	55.52	15.66
		For >25 To 50, Deduct	*-2.42*	
		For >50 To 100, Deduct	*-6.05*	
		For >100, Deduct	*-7.26*	
		For Glow-In-Dark, Add	*14.51*	
		For Reflective Finish, Add	*18.14*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0054	EA	>100 To 150 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	69.13	15.66
		For >25 To 50, Deduct	*-3.78*	
		For >50 To 100, Deduct	*-9.45*	
		For >100, Deduct	*-11.34*	
		For Glow-In-Dark, Add	*22.68*	
		For Reflective Finish, Add	*28.35*	
10 14 23 11-0055		90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*		
10 14 23 11-0056		Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0055)*		
10 14 23 11-0057	EA	Up To 25 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	40.40	15.66
		For >25 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.27*	
		For >100, Deduct	*-2.72*	
		For Glow-In-Dark, Add	*5.44*	
		For Reflective Finish, Add	*6.80*	
10 14 23 11-0058	EA	>25 To 50 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	47.96	15.66
		For >25 To 50, Deduct	*-1.66*	
		For >50 To 100, Deduct	*-4.16*	
		For >100, Deduct	*-4.99*	
		For Glow-In-Dark, Add	*9.98*	
		For Reflective Finish, Add	*12.47*	
10 14 23 11-0059	EA	>50 To 100 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	64.59	15.66
		For >25 To 50, Deduct	*-3.33*	
		For >50 To 100, Deduct	*-8.32*	
		For >100, Deduct	*-9.98*	
		For Glow-In-Dark, Add	*19.96*	
		For Reflective Finish, Add	*24.95*	
10 14 23 11-0060	EA	>100 To 150 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	70.64	15.66
		For >25 To 50, Deduct	*-3.93*	
		For >50 To 100, Deduct	*-9.83*	
		For >100, Deduct	*-11.79*	
		For Glow-In-Dark, Add	*23.59*	
		For Reflective Finish, Add	*29.48*	
10 14 23 11-0061		Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*		
10 14 23 11-0062		Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0061)*		
10 14 23 11-0063	EA	Up To 25 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	42.67	15.66
		For >25 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-2.84*	
		For >100, Deduct	*-3.40*	
		For Glow-In-Dark, Add	*6.80*	
		For Reflective Finish, Add	*8.51*	
10 14 23 11-0064	EA	>25 To 50 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	54.01	15.66
		For >25 To 50, Deduct	*-2.27*	
		For >50 To 100, Deduct	*-5.67*	
		For >100, Deduct	*-6.80*	
		For Glow-In-Dark, Add	*13.61*	
		For Reflective Finish, Add	*17.01*	
10 14 23 11-0065	EA	>50 To 100 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	58.55	15.66
		For >25 To 50, Deduct	*-2.72*	
		For >50 To 100, Deduct	*-6.81*	
		For >100, Deduct	*-8.17*	
		For Glow-In-Dark, Add	*16.33*	
		For Reflective Finish, Add	*20.42*	
10 14 23 11-0066	EA	>100 To 150 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	64.59	15.66
		For >25 To 50, Deduct	*-3.33*	
		For >50 To 100, Deduct	*-8.32*	
		For >100, Deduct	*-9.98*	
		For Glow-In-Dark, Add	*19.96*	
		For Reflective Finish, Add	*24.95*	
10 14 23 11-0067		Adhesive Backed Vinyl Characters *(10 14 23 11)* Note: Includes capital or lower case letters in any font or color. Includes numbers, symbols, punctuation marks, etc. Includes adhesive.		
10 14 23 11-0068	EA	1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	2.69	0.89
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.44*	
10 14 23 11-0069	EA	3/4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	2.77	1.03
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.46*	
10 14 23 11-0070	EA	1" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	2.85	1.16
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.48*	
10 14 23 11-0071	EA	1-1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.88	1.34
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.62*	
10 14 23 11-0072	EA	2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.99	1.57
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.65*	
10 14 23 11-0073	EA	3" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	5.60	1.79
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.93*	
10 14 23 11-0074	EA	4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	5.95	2.02
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0075	EA	6" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	7.91	2.24
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.40*	
10 14 23 11-0076	EA	8" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	9.29	2.46
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.74*	
10 14 23 11-0077	EA	10" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	11.81	2.69
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*2.25*	

10 14 23 11-0078 Standoffs For Wall Signage *(10 14 23 11)*

Note: Exxcludes signage

10 14 23 11-0079	EA	1/2" Diameter x 1/2" Long, Stainless Steel Standoff	14.58	5.03
10 14 23 11-0080	EA	1/2" Diameter x 3/4" Long, Stainless Steel Standoff	15.16	5.03
10 14 23 11-0081	EA	1/2" Diameter x 1" Long, Stainless Steel Standoff	15.31	5.03
10 14 23 11-0082	EA	5/8" Diameter x 1/2" Long, Stainless Steel Standoff	16.11	5.03
10 14 23 11-0083	EA	5/8" Diameter x 3/4" Long, Stainless Steel Standoff	16.69	5.03
10 14 23 11-0084	EA	5/8" Diameter x 1" Long, Stainless Steel Standoff	17.86	5.03
10 14 23 11-0085	EA	3/4" Diameter x 3/4" Long, Stainless Steel Standoff	17.48	6.03
10 14 23 11-0086	EA	3/4" Diameter x 1" Long, Stainless Steel Standoff	19.08	6.03
10 14 23 11-0087	EA	3/4" Diameter x 1-1/2" Long, Stainless Steel Standoff	20.40	6.03
10 14 23 11-0088	EA	1" Diameter x 3/4" Long, Stainless Steel Standoff	21.41	6.03
10 14 23 11-0089	EA	1" Diameter x 1" Long, Stainless Steel Standoff	23.31	6.03
10 14 23 11-0090	EA	1" Diameter x 1-1/2" Long, Stainless Steel Standoff	25.64	6.03
10 14 23 11-0091	EA	5/8" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	16.55	5.03
10 14 23 11-0092	EA	5/8" Diameter x 1" Long, Clear Anodized Aluminum Standoff	16.99	5.03
10 14 23 11-0093	EA	3/4" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	18.79	6.03
10 14 23 11-0094	EA	3/4" Diameter x 1" Long, Clear Anodized Aluminum Standoff	19.23	6.03
10 14 23 11-0095	EA	1" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	20.82	6.03
10 14 23 11-0096	EA	1" Diameter x 1" Long, Clear Anodized Aluminum Standoff	21.12	6.03

10 14 23 11-0097 Removal And Reinstallation Of Building Signage *(10 14 23 11)*

Note: Includes storage and cleaning.

10 14 23 11-0098	EA	Removal And Reinstallation Of Building Signage, Exterior Up To 4 SF	175.93
10 14 23 11-0099	EA	Removal And Reinstallation Of Building Signage, Exterior >4 To 12 SF	202.23
10 14 23 11-0100	EA	Removal And Reinstallation Of Building Signage, >12 To 20 SF	227.37
10 14 23 11-0101	EA	Removal And Reinstallation Of Interior Door And Office Signage, Up To 4SF	67.13

10 14 23 11-0102 Building Sign *(10 14 23 11)*

Note: Includes 4" numbers painted on. Installed on building.

10 14 23 11-0103	EA	6" x 18" Metal Building Sign With Numbers	176.15	26.85
10 14 23 11-0104	SF	Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts	41.59	7.03
10 14 23 11-0105	SF	Single Sided, Molding On One Side, For Mounting On Structure Up To 20'	31.29	6.53
10 14 23 11-0106	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep	32.16	5.53
10 14 23 11-0107	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep	37.50	6.04
10 14 23 11-0108	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep	41.21	6.53
10 14 23 11-0109	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep	49.26	7.03

10 14 29 Wall or Ground Mounted Signage *(10 14)*

Note: Includes fabrication, delivery, installation, bolts and fasteners and drilling.

10 14 29 00-0001 Illuminated Signage *(10 14 29)*

10 14 29 00-0002 Removal Of Sign Cabinets *(10 14 29 00-0001)*

10 14 29 00-0003	EA	Removal Of Sign Cabinet, 1 To 4.9 SF	308.02
10 14 29 00-0004	EA	Removal Of Sign Cabinet, 5 To 9.9 SF	369.62
10 14 29 00-0005	EA	Removal Of Sign Cabinet, 10 To 19.9 SF	492.79
10 14 29 00-0006	EA	Removal Of Sign Cabinet, 20 To 29.9 SF	739.25
10 14 29 00-0007	EA	Removal Of Sign Cabinet, >30 SF	985.58

10 14 29 00-0008 Fabricate And Install New Sign Cabinets *(10 14 29 00-0001)*

10 14 29 00-0009	SF	1 To 4.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted	274.72
		For >5 To 11 Per Each Sign, Deduct	*-13.74*
		For >11 To 20 Per Each Sign, Deduct	*-20.60*
		For >20 Per Each Sign, Deduct	*-27.47*
10 14 29 00-0010	SF	5 To 9.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted	228.04
		For >5 To 11 Per Each Sign, Deduct	*-11.40*
		For >11 To 20 Per Each Sign, Deduct	*-17.10*
		For >20 Per Each Sign, Deduct	*-22.80*
10 14 29 00-0011	SF	10 To 19.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted	186.16
		For >5 To 11 Per Each Sign, Deduct	*-9.31*
		For >11 To 20 Per Each Sign, Deduct	*-13.96*
		For >20 Per Each Sign, Deduct	*-18.62*
10 14 29 00-0012	SF	20 To 29.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted	167.55
		For >5 To 11 Per Each Sign, Deduct	*-8.38*
		For >11 To 20 Per Each Sign, Deduct	*-12.57*
		For >20 Per Each Sign, Deduct	*-16.76*
10 14 29 00-0013	SF	=>30 SF, Illuminated Sign Cabinet, Wall/Ground Mounted	153.57
		For >5 To 11 Per Each Sign, Deduct	*-7.68*
		For >11 To 20 Per Each Sign, Deduct	*-11.52*
		For >20 Per Each Sign, Deduct	*-15.36*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 29 00-0014		Fabricate And Install New Sign Face, Material And Legend *(10 14 29 00-0001)*		
10 14 29 00-0015	SF	1 To 4.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend	74.48	
		For >5 To 11 Per Each Sign, Deduct	*-3.72*	
		For >11 To 20 Per Each Sign, Deduct	*-5.59*	
		For >20 Per Each Sign, Deduct	*-7.45*	
10 14 29 00-0016	SF	5 To 9.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend	60.49	
		For >5 To 11 Per Each Sign, Deduct	*-3.02*	
		For >11 To 20 Per Each Sign, Deduct	*-4.54*	
		For >20 Per Each Sign, Deduct	*-6.05*	
10 14 29 00-0017	SF	10 To 19.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend	46.59	
		For >5 To 11 Per Each Sign, Deduct	*-2.33*	
		For >11 To 20 Per Each Sign, Deduct	*-3.49*	
		For >20 Per Each Sign, Deduct	*-4.66*	
10 14 29 00-0018	SF	20 To 29.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend	37.28	
		For >5 To 11 Per Each Sign, Deduct	*-1.86*	
		For >11 To 20 Per Each Sign, Deduct	*-2.80*	
		For >20 Per Each Sign, Deduct	*-3.73*	
10 14 29 00-0019	SF	=>30 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend	29.83	
		For >5 To 11 Per Each Sign, Deduct	*-1.49*	
		For >11 To 20 Per Each Sign, Deduct	*-2.24*	
		For >20 Per Each Sign, Deduct	*-2.98*	
10 14 29 00-0020		Posts *(10 14 29)*		
		Note: Includes mounting bolts and installation for sign blades to posts.		
10 14 29 00-0021	LF	2" Square Galvanized Steel Post	23.43	
		For Powder Coating, Add	*1.15*	
10 14 29 00-0022	LF	2-3/8" Diameter Galvanized Steel Post	22.58	
		For Powder Coating, Add	*1.09*	
10 14 29 00-0023	LF	2" Diameter TREX Post	9.43	
10 14 29 00-0024	EA	Mounting On Ground With Base	55.42	
		Note: Includes bolts and drilling for bolts.		
10 14 29 00-0025	EA	Mid Post Mounted Rotating Sign With Graphics	257.92	
		For >5 To 11, Deduct	*-12.90*	
		For >11 To 20, Deduct	*-19.34*	
		For >20, Deduct	*-25.79*	
10 14 31		**Overhead and Ceiling Hung Signage** *(10 14)*		
		Note: Includes fabrication, delivery, installation, bolts and fasteners and drilling.		
10 14 31 00-0001		Illuminated Signage *(10 14 31)*		
10 14 31 00-0002		Removal Of Sign Cabinets *(10 14 31 00-0001)*		
10 14 31 00-0003	EA	Removal Of Sign Cabinet, 1 To 4.9 SF	338.82	
10 14 31 00-0004	EA	Removal Of Sign Cabinet, 5 To 9.9 SF	406.58	
10 14 31 00-0005	EA	Removal Of Sign Cabinet, 10 To 19.9 SF	542.12	
10 14 31 00-0006	EA	Removal Of Sign Cabinet, 20 To 29.9 SF	813.17	
10 14 31 00-0007	EA	Removal Of Sign Cabinet, >30 SF	1,084.03	
10 14 31 00-0008		Fabricate And Install New Sign Cabinets *(10 14 31 00-0001)*		
10 14 31 00-0009	SF	1 To 4.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	303.97	
		For >5 To 11 Per Each Sign, Deduct	*-15.20*	
		For >11 To 20 Per Each Sign, Deduct	*-22.80*	
		For >20 Per Each Sign, Deduct	*-30.40*	
10 14 31 00-0010	SF	5 To 9.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	252.25	
		For >5 To 11 Per Each Sign, Deduct	*-12.61*	
		For >11 To 20 Per Each Sign, Deduct	*-18.92*	
		For >20 Per Each Sign, Deduct	*-25.23*	
10 14 31 00-0011	SF	10 To 19.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	205.92	
		For >5 To 11 Per Each Sign, Deduct	*-10.30*	
		For >11 To 20 Per Each Sign, Deduct	*-15.44*	
		For >20 Per Each Sign, Deduct	*-20.59*	
10 14 31 00-0012	SF	20 To 29.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	185.36	
		For >5 To 11 Per Each Sign, Deduct	*-9.27*	
		For >11 To 20 Per Each Sign, Deduct	*-13.90*	
		For >20 Per Each Sign, Deduct	*-18.54*	
10 14 31 00-0013	SF	=>30 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	169.87	
		For >5 To 11 Per Each Sign, Deduct	*-8.49*	
		For >11 To 20 Per Each Sign, Deduct	*-12.74*	
		For >20 Per Each Sign, Deduct	*-16.99*	
10 14 31 00-0014		Fabricate And Install New Sign Face, Material And Legend *(10 14 31 00-0001)*		
10 14 31 00-0015	SF	1 To 4.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend	30.36	
		For >5 To 11 Per Each Sign, Deduct	*-1.52*	
		For >11 To 20 Per Each Sign, Deduct	*-2.28*	
		For >20 Per Each Sign, Deduct	*-3.04*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 31 00-0016	SF	5 To 9.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend	24.29	
		For >5 To 11 Per Each Sign, Deduct	*-1.21*	
		For >11 To 20 Per Each Sign, Deduct	*-1.82*	
		For >20 Per Each Sign, Deduct	*-2.43*	
10 14 31 00-0017	SF	10 To 19.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend	20.24	
		For >5 To 11 Per Each Sign, Deduct	*-1.01*	
		For >11 To 20 Per Each Sign, Deduct	*-1.52*	
		For >20 Per Each Sign, Deduct	*-2.02*	
10 14 31 00-0018	SF	20 To 29.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend	17.20	
		For >5 To 11 Per Each Sign, Deduct	*-0.86*	
		For >11 To 20 Per Each Sign, Deduct	*-1.29*	
		For >20 Per Each Sign, Deduct	*-1.72*	
10 14 31 00-0019	SF	=>30 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend	15.18	
		For >5 To 11 Per Each Sign, Deduct	*-0.76*	
		For >11 To 20 Per Each Sign, Deduct	*-1.14*	
		For >20 Per Each Sign, Deduct	*-1.52*	

10 14 43 Photoluminescent Signage *(10 14)*

10 14 43 00-0001 Photoluminescent Illuminated Signage *(10 14 43)*

10 14 43 00-0002	EA	4-1/2" x 8" Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount	58.72	11.19
		For >25 To 50, Deduct	*-3.63*	
		For >50 To 100, Deduct	*-9.09*	
		For >100, Deduct	*-10.90*	
10 14 43 00-0003	EA	4-1/2" x 13" Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount	64.64	11.19
		For >25 To 50, Deduct	*-4.23*	
		For >50 To 100, Deduct	*-10.57*	
		For >100, Deduct	*-12.68*	
10 14 43 00-0004	EA	8" x 10" Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount	72.75	11.19
		For >25 To 50, Deduct	*-5.04*	
		For >50 To 100, Deduct	*-12.59*	
		For >100, Deduct	*-15.11*	

10 14 53 Traffic Signage *(10 14)*

10 14 53 11 Traffic Signage *(10 14 53)*

10 14 53 11-0001 Traffic Signs *(10 14 53 11)*

10 14 53 11-0002 Reflectorized Stop Signs And Other Traffic Signs *(10 14 53 11-0001)*

Note: Excludes posts.

10 14 53 11-0003 Aluminum Engineer Grade Stop Signs *(10 14 53 11-0002)*

10 14 53 11-0004	EA	18" x 18" Aluminum Engineer Grade Stop Sign	69.97	20.14
		For Hi-Intensity Grade, Add	*8.91*	
		For Diamond Grade, Add	*16.92*	
10 14 53 11-0005	EA	18" x 24" Aluminum Engineer Grade Stop Sign	81.34	21.30
		For Hi-Intensity Grade, Add	*11.65*	
		For Diamond Grade, Add	*22.13*	
10 14 53 11-0006	EA	24" x 24" Aluminum Engineer Grade Stop Sign	88.15	22.38
		For Hi-Intensity Grade, Add	*17.79*	
		For Diamond Grade, Add	*28.20*	
10 14 53 11-0007	EA	30" x 30" Aluminum Engineer Grade Stop Sign	102.57	23.54
		For Hi-Intensity Grade, Add	*6.67*	
		For Diamond Grade, Add	*36.12*	
10 14 53 11-0008	EA	36" x 36" Aluminum Engineer Grade Stop Sign	138.30	24.62
		For Hi-Intensity Grade, Add	*19.60*	
		For Diamond Grade, Add	*61.46*	

10 14 53 11-0009 Steel Engineer Grade Stop Signs *(10 14 53 11-0002)*

10 14 53 11-0010	EA	18" x 18" Reflective Steel Stop Sign, Engineering Grade	103.24	20.14
10 14 53 11-0011	EA	18" x 24" Reflective Steel Stop Sign, Engineering Grade	128.29	21.30
10 14 53 11-0012	EA	24" x 24" Reflective Steel Stop Sign, Engineering Grade	136.10	22.38
10 14 53 11-0013	EA	30" x 30" Reflective Steel Stop Sign, Engineering Grade	192.30	23.54
10 14 53 11-0014	EA	36" x 36" Reflective Steel Stop Sign, Engineering Grade	242.99	24.62

10 14 53 11-0015 Polyethylene Engineer Grade Stop Signs *(10 14 53 11-0002)*

10 14 53 11-0016	EA	18" x 18" Reflective Polyethylene Stop Sign, Engineering Grade	105.58	20.14
10 14 53 11-0017	EA	18" x 24" Reflective Polyethylene Stop Sign, Engineering Grade	134.27	21.30
10 14 53 11-0018	EA	24" x 24" Reflective Polyethylene Stop Sign, Engineering Grade	147.86	22.38
10 14 53 11-0019	EA	30" x 30" Reflective Polyethylene Stop Sign, Engineering Grade	192.84	23.54

10 14 53 11-0020 Other Reflectorized Traffic Signs *(10 14 53 11-0002)*

Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.

10 14 53 11-0021 Aluminum Engineer Grade Traffic Signs *(10 14 53 11-0020)*

10 14 53 11-0022	EA	6" x 12" Aluminum Engineer Grade Traffic Sign	43.16	17.90
		For Hi-Intensity Grade, Add	*2.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0023	EA	6" x 18" Aluminum Engineer Grade Traffic Sign	46.84	17.90
		For Hi-Intensity Grade, Add	*3.31*	
10 14 53 11-0024	EA	9" x 12" Aluminum Engineer Grade Traffic Sign	46.84	17.90
		For Hi-Intensity Grade, Add	*3.31*	
10 14 53 11-0025	EA	9" x 15" Aluminum Engineer Grade Traffic Sign	49.60	17.90
		For Hi-Intensity Grade, Add	*4.14*	
10 14 53 11-0026	EA	9" x 18" Aluminum Engineer Grade Traffic Sign	52.36	17.90
		For Hi-Intensity Grade, Add	*4.97*	
10 14 53 11-0027	EA	9" x 24" Aluminum Engineer Grade Traffic Sign	60.10	19.02
		For Hi-Intensity Grade, Add	*6.62*	
10 14 53 11-0028	EA	9" x 48" Aluminum Engineer Grade Traffic Sign	82.17	19.02
		For Hi-Intensity Grade, Add	*13.24*	
10 14 53 11-0029	EA	12" x 12" Aluminum Engineer Grade Traffic Sign	50.52	17.90
		For Hi-Intensity Grade, Add	*4.41*	
10 14 53 11-0030	EA	12" x 18" Aluminum Engineer Grade Traffic Sign	60.10	19.02
		For Hi-Intensity Grade, Add	*6.62*	
10 14 53 11-0031	EA	12" x 24" Aluminum Engineer Grade Traffic Sign	67.46	19.02
		For Hi-Intensity Grade, Add	*8.83*	
10 14 53 11-0032	EA	12" x 30" Aluminum Engineer Grade Traffic Sign	74.81	19.02
		For Hi-Intensity Grade, Add	*11.03*	
10 14 53 11-0033	EA	12" x 36" Aluminum Engineer Grade Traffic Sign	82.17	19.02
		For Hi-Intensity Grade, Add	*13.24*	
10 14 53 11-0034	EA	17" x 22" Aluminum Engineer Grade Traffic Sign	76.24	19.02
		For Hi-Intensity Grade, Add	*11.46*	
		For > 25 To 50, Deduct	*-1.90*	
		For > 50 To 150, Deduct	*-3.81*	
		For > 150 To 250, Deduct	*-5.71*	
		For > 250, Deduct	*-8.57*	
10 14 53 11-0035	EA	18" x 18" Aluminum Engineer Grade Traffic Sign	71.14	19.02
		For Hi-Intensity Grade, Add	*9.93*	
10 14 53 11-0036	EA	18" x 24" Aluminum Engineer Grade Traffic Sign	82.17	19.02
		For Hi-Intensity Grade, Add	*13.24*	
10 14 53 11-0037	EA	18" x 30" Aluminum Engineer Grade Traffic Sign	95.44	20.14
		For Hi-Intensity Grade, Add	*16.55*	
10 14 53 11-0038	EA	18" x 36" Aluminum Engineer Grade Traffic Sign	106.47	20.14
		For Hi-Intensity Grade, Add	*19.86*	
10 14 53 11-0039	EA	18" x 48" Aluminum Engineer Grade Traffic Sign	137.48	24.62
		For Hi-Intensity Grade, Add	*26.48*	
10 14 53 11-0040	EA	18" x 54" Aluminum Engineer Grade Traffic Sign	148.52	24.62
		For Hi-Intensity Grade, Add	*29.79*	
10 14 53 11-0041	EA	24" x 24" Aluminum Engineer Grade Traffic Sign	99.12	20.14
		For Hi-Intensity Grade, Add	*17.65*	
10 14 53 11-0042	EA	24" x 30" Aluminum Engineer Grade Traffic Sign	113.83	20.14
		For Hi-Intensity Grade, Add	*22.07*	
10 14 53 11-0043	EA	24" x 36" Aluminum Engineer Grade Traffic Sign	128.53	20.14
		For Hi-Intensity Grade, Add	*26.48*	
10 14 53 11-0044	EA	24" x 42" Aluminum Engineer Grade Traffic Sign	152.19	24.62
		For Hi-Intensity Grade, Add	*30.89*	
10 14 53 11-0045	EA	24" x 48" Aluminum Engineer Grade Traffic Sign	166.90	24.62
		For Hi-Intensity Grade, Add	*35.30*	
10 14 53 11-0046	EA	24" x 54" Aluminum Engineer Grade Traffic Sign	181.61	24.62
		For Hi-Intensity Grade, Add	*39.71*	
10 14 53 11-0047	EA	24" x 60" Aluminum Engineer Grade Traffic Sign	196.32	24.62
		For Hi-Intensity Grade, Add	*44.13*	
10 14 53 11-0048	EA	30" x 30" Aluminum Engineer Grade Traffic Sign	132.21	20.14
		For Hi-Intensity Grade, Add	*27.58*	
10 14 53 11-0049	EA	30" x 36" Aluminum Engineer Grade Traffic Sign	159.55	24.62
		For Hi-Intensity Grade, Add	*33.10*	
10 14 53 11-0050	EA	30" x 42" Aluminum Engineer Grade Traffic Sign	177.93	24.62
		For Hi-Intensity Grade, Add	*38.61*	
10 14 53 11-0051	EA	30" x 48" Aluminum Engineer Grade Traffic Sign	205.27	29.09
		For Hi-Intensity Grade, Add	*44.13*	
10 14 53 11-0052	EA	30" x 60" Aluminum Engineer Grade Traffic Sign	251.00	33.57
		For Hi-Intensity Grade, Add	*55.16*	
10 14 53 11-0053	EA	36" x 36" Aluminum Engineer Grade Traffic Sign	181.61	24.62
		For Hi-Intensity Grade, Add	*39.71*	
10 14 53 11-0054	EA	36" x 42" Aluminum Engineer Grade Traffic Sign	212.63	29.09
		For Hi-Intensity Grade, Add	*46.34*	
10 14 53 11-0055	EA	36" x 48" Aluminum Engineer Grade Traffic Sign	243.65	33.57
		For Hi-Intensity Grade, Add	*52.95*	
10 14 53 11-0056	EA	36" x 54" Aluminum Engineer Grade Traffic Sign	265.71	33.57
		For Hi-Intensity Grade, Add	*59.57*	
10 14 53 11-0057	EA	36" x 60" Aluminum Engineer Grade Traffic Sign	296.73	38.04
		For Hi-Intensity Grade, Add	*66.19*	
10 14 53 11-0058	EA	36" x 73" Aluminum Engineer Grade Traffic Sign	353.48	42.52
		For Hi-Intensity Grade, Add	*80.53*	
10 14 53 11-0059	EA	36" x 78" Aluminum Engineer Grade Traffic Sign	371.87	42.52
		For Hi-Intensity Grade, Add	*86.05*	
10 14 53 11-0060	EA	36" x 108" Aluminum Engineer Grade Traffic Sign	495.62	49.23
		For Hi-Intensity Grade, Add	*119.15*	
10 14 53 11-0061	EA	42" x 42" Aluminum Engineer Grade Traffic Sign	247.33	33.57
		For Hi-Intensity Grade, Add	*54.06*	
10 14 53 11-0062	EA	48" x 48" Aluminum Engineer Grade Traffic Sign	311.44	38.04
		For Hi-Intensity Grade, Add	*70.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0063	EA	48" x 54" Aluminum Engineer Grade Traffic Sign	349.80	42.52
		For Hi-Intensity Grade, Add	*79.43*	
10 14 53 11-0064	EA	48" x 60" Aluminum Engineer Grade Traffic Sign	379.22	42.52
		For Hi-Intensity Grade, Add	*88.25*	
10 14 53 11-0065	EA	48" x 66" Aluminum Engineer Grade Traffic Sign	422.07	49.23
		For Hi-Intensity Grade, Add	*97.08*	
10 14 53 11-0066	EA	48" x 72" Aluminum Engineer Grade Traffic Sign	451.49	49.23
		For Hi-Intensity Grade, Add	*105.91*	
10 14 53 11-0067	EA	48" x 84" Aluminum Engineer Grade Traffic Sign	519.27	53.71
		For Hi-Intensity Grade, Add	*123.56*	
10 14 53 11-0068	EA	48" x 96" Aluminum Engineer Grade Traffic Sign	578.10	53.71
		For Hi-Intensity Grade, Add	*141.21*	
10 14 53 11-0069	EA	48" x 102" Aluminum Engineer Grade Traffic Sign	607.52	53.71
		For Hi-Intensity Grade, Add	*150.03*	
10 14 53 11-0070	EA	48" x 108" Aluminum Engineer Grade Traffic Sign	641.41	55.95
		For Hi-Intensity Grade, Add	*158.86*	
10 14 53 11-0071	EA	60" x 72" Aluminum Engineer Grade Traffic Sign	548.68	53.71
		For Hi-Intensity Grade, Add	*132.38*	
10 14 53 11-0072	EA	72" x 144" Aluminum Engineer Grade Traffic Sign	1,202.27	71.61
		For Hi-Intensity Grade, Add	*317.72*	
10 14 53 11-0073	EA	78" x 96" Aluminum Engineer Grade Traffic Sign	876.75	55.95
		For Hi-Intensity Grade, Add	*229.46*	

10 14 53 11-0074 Polyethylene Engineer Grade Traffic Signs *(10 14 53 11-0020)*

10 14 53 11-0075	EA	6" x 12" Reflective Polyethylene Traffic Sign	74.39	16.83
10 14 53 11-0076	EA	12" x 12" Reflective Polyethylene Traffic Sign	84.52	17.90
10 14 53 11-0077	EA	12" x 18" Reflective Polyethylene Traffic Sign	90.47	19.07
10 14 53 11-0078	EA	18" x 18" Reflective Polyethylene Traffic Sign	109.04	20.14
10 14 53 11-0079	EA	18" x 24" Reflective Polyethylene Traffic Sign	134.27	21.30
10 14 53 11-0080	EA	24" x 24" Reflective Polyethylene Traffic Sign	150.88	21.30

10 14 53 11-0081 Non-Reflectorized Traffic Signs *(10 14 53 11-0001)*

Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.

10 14 53 11-0082 Steel Non-Reflectorized Traffic Signs *(10 14 53 11-0081)*

10 14 53 11-0083	EA	6" x 12" Steel Non Reflectorized Traffic Sign	42.17	17.90
10 14 53 11-0084	EA	6" x 18" Steel Non Reflectorized Traffic Sign	45.35	17.90
10 14 53 11-0085	EA	9" x 12" Steel Non Reflectorized Traffic Sign	45.35	17.90
10 14 53 11-0086	EA	9" x 15" Steel Non Reflectorized Traffic Sign	47.73	17.90
10 14 53 11-0087	EA	9" x 18" Steel Non Reflectorized Traffic Sign	50.12	17.90
10 14 53 11-0088	EA	9" x 24" Steel Non Reflectorized Traffic Sign	57.11	19.02
10 14 53 11-0089	EA	9" x 48" Steel Non Reflectorized Traffic Sign	76.19	19.02
10 14 53 11-0090	EA	12" x 12" Steel Non Reflectorized Traffic Sign	48.53	17.90
10 14 53 11-0091	EA	12" x 18" Steel Non Reflectorized Traffic Sign	57.11	19.02
10 14 53 11-0092	EA	12" x 24" Steel Non Reflectorized Traffic Sign	63.47	19.02
10 14 53 11-0093	EA	12" x 30" Steel Non Reflectorized Traffic Sign	69.83	19.02
10 14 53 11-0094	EA	12" x 36" Steel Non Reflectorized Traffic Sign	76.19	19.02
10 14 53 11-0095	EA	18" x 18" Steel Non Reflectorized Traffic Sign	66.65	19.02
10 14 53 11-0096	EA	18" x 24" Steel Non Reflectorized Traffic Sign	76.19	19.02
10 14 53 11-0097	EA	18" x 30" Steel Non Reflectorized Traffic Sign	87.96	20.14
10 14 53 11-0098	EA	18" x 36" Steel Non Reflectorized Traffic Sign	97.50	20.14
10 14 53 11-0099	EA	18" x 48" Steel Non Reflectorized Traffic Sign	125.53	24.62
10 14 53 11-0100	EA	18" x 54" Steel Non Reflectorized Traffic Sign	135.06	24.62
10 14 53 11-0101	EA	24" x 24" Steel Non Reflectorized Traffic Sign	91.14	20.14
10 14 53 11-0102	EA	24" x 30" Steel Non Reflectorized Traffic Sign	103.86	20.14
10 14 53 11-0103	EA	24" x 36" Steel Non Reflectorized Traffic Sign	116.58	20.14
10 14 53 11-0104	EA	24" x 42" Steel Non Reflectorized Traffic Sign	138.24	24.62
10 14 53 11-0105	EA	24" x 48" Steel Non Reflectorized Traffic Sign	150.96	24.62
10 14 53 11-0106	EA	24" x 54" Steel Non Reflectorized Traffic Sign	163.67	24.62
10 14 53 11-0107	EA	24" x 60" Steel Non Reflectorized Traffic Sign	176.39	24.62
10 14 53 11-0108	EA	30" x 30" Steel Non Reflectorized Traffic Sign	119.76	20.14
10 14 53 11-0109	EA	30" x 36" Steel Non Reflectorized Traffic Sign	144.60	24.62
10 14 53 11-0110	EA	30" x 42" Steel Non Reflectorized Traffic Sign	160.49	24.62
10 14 53 11-0111	EA	30" x 48" Steel Non Reflectorized Traffic Sign	185.34	29.09
10 14 53 11-0112	EA	30" x 60" Steel Non Reflectorized Traffic Sign	226.09	33.57
10 14 53 11-0113	EA	36" x 36" Steel Non Reflectorized Traffic Sign	163.67	24.62
10 14 53 11-0114	EA	36" x 42" Steel Non Reflectorized Traffic Sign	191.70	29.09
10 14 53 11-0115	EA	36" x 48" Steel Non Reflectorized Traffic Sign	219.73	33.57
10 14 53 11-0116	EA	36" x 54" Steel Non Reflectorized Traffic Sign	238.81	33.57
10 14 53 11-0117	EA	36" x 60" Steel Non Reflectorized Traffic Sign	266.83	38.04
10 14 53 11-0118	EA	36" x 73" Steel Non Reflectorized Traffic Sign	317.11	42.52
10 14 53 11-0119	EA	36" x 78" Steel Non Reflectorized Traffic Sign	333.00	42.52
10 14 53 11-0120	EA	36" x 108" Steel Non Reflectorized Traffic Sign	441.80	49.23
10 14 53 11-0121	EA	42" x 42" Steel Non Reflectorized Traffic Sign	222.91	33.57
10 14 53 11-0122	EA	48" x 48" Steel Non Reflectorized Traffic Sign	279.55	38.04
10 14 53 11-0123	EA	48" x 54" Steel Non Reflectorized Traffic Sign	313.93	42.52
10 14 53 11-0124	EA	48" x 60" Steel Non Reflectorized Traffic Sign	339.36	42.52
10 14 53 11-0125	EA	48" x 66" Steel Non Reflectorized Traffic Sign	378.22	49.23
10 14 53 11-0126	EA	48" x 72" Steel Non Reflectorized Traffic Sign	403.65	49.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0127	EA	48" x 84" Steel Non Reflectorized Traffic Sign	463.46	53.71
10 14 53 11-0128	EA	48" x 96" Steel Non Reflectorized Traffic Sign	514.32	53.71
10 14 53 11-0129	EA	48" x 102" Steel Non Reflectorized Traffic Sign	539.75	53.71
10 14 53 11-0130	EA	48" x 108" Steel Non Reflectorized Traffic Sign	569.66	55.95
10 14 53 11-0131	EA	60" x 72" Steel Non Reflectorized Traffic Sign	488.89	53.71
10 14 53 11-0132	EA	72" x 144" Steel Non Reflectorized Traffic Sign	1,058.76	71.61
10 14 53 11-0133	EA	78" x 96" Steel Non Reflectorized Traffic Sign	773.11	55.95
10 14 53 11-0134		Aluminum Non-Reflectorized Traffic Signs *(10 14 53 11-0081)*		
10 14 53 11-0135	EA	6" x 12" Aluminum Non Reflectorized Traffic Sign	42.43	17.90
10 14 53 11-0136	EA	6" x 18" Aluminum Non Reflectorized Traffic Sign	45.74	17.90
10 14 53 11-0137	EA	9" x 12" Aluminum Non Reflectorized Traffic Sign	45.74	17.90
10 14 53 11-0138	EA	9" x 15" Aluminum Non Reflectorized Traffic Sign	48.22	17.90
10 14 53 11-0139	EA	9" x 18" Aluminum Non Reflectorized Traffic Sign	50.70	17.90
10 14 53 11-0140	EA	9" x 24" Aluminum Non Reflectorized Traffic Sign	57.89	19.02
10 14 53 11-0141	EA	9" x 48" Aluminum Non Reflectorized Traffic Sign	77.74	19.02
10 14 53 11-0142	EA	12" x 12" Aluminum Non Reflectorized Traffic Sign	49.04	17.90
10 14 53 11-0143	EA	12" x 18" Aluminum Non Reflectorized Traffic Sign	57.89	19.02
10 14 53 11-0144	EA	12" x 24" Aluminum Non Reflectorized Traffic Sign	64.51	19.02
10 14 53 11-0145	EA	12" x 30" Aluminum Non Reflectorized Traffic Sign	71.13	19.02
10 14 53 11-0146	EA	12" x 36" Aluminum Non Reflectorized Traffic Sign	77.74	19.02
10 14 53 11-0147	EA	18" x 18" Aluminum Non Reflectorized Traffic Sign	67.82	19.02
10 14 53 11-0148	EA	18" x 24" Aluminum Non Reflectorized Traffic Sign	77.74	19.02
10 14 53 11-0149	EA	18" x 30" Aluminum Non Reflectorized Traffic Sign	89.91	20.14
10 14 53 11-0150	EA	18" x 36" Aluminum Non Reflectorized Traffic Sign	99.83	20.14
10 14 53 11-0151	EA	18" x 48" Aluminum Non Reflectorized Traffic Sign	128.64	24.62
10 14 53 11-0152	EA	18" x 54" Aluminum Non Reflectorized Traffic Sign	138.56	24.62
10 14 53 11-0153	EA	24" x 24" Aluminum Non Reflectorized Traffic Sign	93.22	20.14
10 14 53 11-0154	EA	24" x 30" Aluminum Non Reflectorized Traffic Sign	106.45	20.14
10 14 53 11-0155	EA	24" x 36" Aluminum Non Reflectorized Traffic Sign	119.69	20.14
10 14 53 11-0156	EA	24" x 42" Aluminum Non Reflectorized Traffic Sign	141.87	24.62
10 14 53 11-0157	EA	24" x 48" Aluminum Non Reflectorized Traffic Sign	155.10	24.62
10 14 53 11-0158	EA	24" x 54" Aluminum Non Reflectorized Traffic Sign	168.34	24.62
10 14 53 11-0159	EA	24" x 60" Aluminum Non Reflectorized Traffic Sign	181.57	24.62
10 14 53 11-0160	EA	30" x 30" Aluminum Non Reflectorized Traffic Sign	122.99	20.14
10 14 53 11-0161	EA	30" x 36" Aluminum Non Reflectorized Traffic Sign	148.49	24.62
10 14 53 11-0162	EA	30" x 42" Aluminum Non Reflectorized Traffic Sign	165.03	24.62
10 14 53 11-0163	EA	30" x 48" Aluminum Non Reflectorized Traffic Sign	190.52	29.09
10 14 53 11-0164	EA	30" x 60" Aluminum Non Reflectorized Traffic Sign	232.57	33.57
10 14 53 11-0165	EA	36" x 36" Aluminum Non Reflectorized Traffic Sign	168.34	24.62
10 14 53 11-0166	EA	36" x 42" Aluminum Non Reflectorized Traffic Sign	197.14	29.09
10 14 53 11-0167	EA	36" x 48" Aluminum Non Reflectorized Traffic Sign	225.95	33.57
10 14 53 11-0168	EA	36" x 54" Aluminum Non Reflectorized Traffic Sign	245.80	33.57
10 14 53 11-0169	EA	36" x 60" Aluminum Non Reflectorized Traffic Sign	274.60	38.04
10 14 53 11-0170	EA	36" x 73" Aluminum Non Reflectorized Traffic Sign	326.56	42.52
10 14 53 11-0171	EA	36" x 78" Aluminum Non Reflectorized Traffic Sign	343.11	42.52
10 14 53 11-0172	EA	36" x 108" Aluminum Non Reflectorized Traffic Sign	455.79	49.23
10 14 53 11-0173	EA	42" x 42" Aluminum Non Reflectorized Traffic Sign	229.26	33.57
10 14 53 11-0174	EA	48" x 48" Aluminum Non Reflectorized Traffic Sign	287.84	38.04
10 14 53 11-0175	EA	48" x 54" Aluminum Non Reflectorized Traffic Sign	323.26	42.52
10 14 53 11-0176	EA	48" x 60" Aluminum Non Reflectorized Traffic Sign	349.72	42.52
10 14 53 11-0177	EA	48" x 66" Aluminum Non Reflectorized Traffic Sign	389.62	49.23
10 14 53 11-0178	EA	48" x 72" Aluminum Non Reflectorized Traffic Sign	416.09	49.23
10 14 53 11-0179	EA	48" x 84" Aluminum Non Reflectorized Traffic Sign	477.97	53.71
10 14 53 11-0180	EA	48" x 96" Aluminum Non Reflectorized Traffic Sign	530.90	53.71
10 14 53 11-0181	EA	48" x 102" Aluminum Non Reflectorized Traffic Sign	557.37	53.71
10 14 53 11-0182	EA	48" x 108" Aluminum Non Reflectorized Traffic Sign	588.31	55.95
10 14 53 11-0183	EA	60" x 72" Aluminum Non Reflectorized Traffic Sign	504.44	53.71
10 14 53 11-0184	EA	72" x 144" Aluminum Non Reflectorized Traffic Sign	1,096.07	71.61
10 14 53 11-0185	EA	78" x 96" Aluminum Non Reflectorized Traffic Sign	800.06	55.95
10 14 53 11-0186		Polyethylene Non-Reflectorized Traffic Signs *(10 14 53 11-0081)*		
10 14 53 11-0187	EA	6" x 12" Non-Reflective Polyethylene Traffic Sign	62.87	16.83
10 14 53 11-0188	EA	12" x 12" Non-Reflective Polyethylene Traffic Sign	68.74	17.90
10 14 53 11-0189	EA	12" x 18" Non-Reflective Polyethylene Traffic Sign	74.01	19.07
10 14 53 11-0190	EA	18" x 18" Non-Reflective Polyethylene Traffic Sign	97.28	20.14
10 14 53 11-0191	EA	18" x 24" Non-Reflective Polyethylene Traffic Sign	104.24	21.30
10 14 53 11-0192	EA	24" x 24" Non-Reflective Polyethylene Traffic Sign	120.87	22.38
10 14 53 11-0193		Signs For Overhead Sign Structures *(10 14 53 11-0001)*		
		Note: Including horizontal Z-bars.		
10 14 53 11-0194	SF	From 30 To 360 SF Signs For Overhead Sign Structures	25.00	
		For Over 10' High, Add	*13.00*	
10 14 53 11-0195	VLF	Vertical Sign Hangers For Overhead Sign Structures, Per Hanger	32.50	
		Note: Includes U-bolts, vertical aluminum Z-bars, clip angles and stainless steel hardware.		
10 14 53 11-0196		Flashing Beacon *(10 14 53 11-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0197	EA	Flashing Beacon Assembly	1,294.44	193.85
10 14 53 11-0198		**Aluminum Street Signs** *(10 14 53 11-0001)* Note: Excludes posts.		
10 14 53 11-0199		**Aluminum Engineer Grade Street Signs** *(10 14 53 11-0198)*		
10 14 53 11-0200	EA	6" High, Aluminum Engineer Grade Street Sign	78.72	8.95
		For Hi-Intensity Grade, Add	*18.25*	
10 14 53 11-0201	EA	8" High, Aluminum Engineer Grade Street Sign	89.46	8.95
		For Hi-Intensity Grade, Add	*21.47*	
10 14 53 11-0202	EA	9" High, Aluminum Engineer Grade Street Sign	97.45	8.95
		For Hi-Intensity Grade, Add	*23.87*	
10 14 53 11-0203		**Street Sign Accessories** *(10 14 53 11-0198)*		
10 14 53 11-0204	EA	Single Bracket And Post Cap For Street Sign	23.58	4.48
10 14 53 11-0205	EA	Double Bracket And Post Cap For Street Sign	23.58	4.48
10 14 53 11-0206		**Sign Posts** *(10 14 53 11-0001)* Note: Excludes sign. See CSI section 32 31 13 13-0001 for auguring of holes and backfill.		
10 14 53 11-0207		**U-Channel Sign Posts** *(10 14 53 11-0206)* Note: Excludes digging and concrete.		
10 14 53 11-0208		**Baked Enamel U-Channel Sign Posts** *(10 14 53 11-0207)*		
10 14 53 11-0209	EA	3' To 4' Baked Enamel U-Channel Sign Post Base	61.98	18.30
10 14 53 11-0210	EA	6' Baked Enamel U-Channel Sign Post	81.45	22.88
10 14 53 11-0211	EA	7' Baked Enamel U-Channel Sign Post	97.24	27.45
10 14 53 11-0212	EA	8' Baked Enamel U-Channel Sign Post	113.86	32.03
10 14 53 11-0213	EA	10' Baked Enamel U-Channel Sign Post	137.38	38.89
10 14 53 11-0214	EA	12' Baked Enamel U-Channel Sign Post	141.45	38.89
10 14 53 11-0215		**Galvanized Steel U-Channel Sign Posts** *(10 14 53 11-0207)*		
10 14 53 11-0216	EA	3' To 4' Galvanized Steel U-Channel Sign Post Base	67.22	18.30
10 14 53 11-0217	EA	6' Galvanized Steel U-Channel Sign Post	89.75	22.88
10 14 53 11-0218	EA	7' Galvanized Steel U-Channel Sign Post	116.02	27.45
10 14 53 11-0219	EA	8' Galvanized Steel U-Channel Sign Post	134.63	32.03
10 14 53 11-0220	EA	10' Galvanized Steel U-Channel Sign Post	152.49	38.89
10 14 53 11-0221	EA	12' Galvanized Steel U-Channel Sign Post	154.60	38.89
10 14 53 11-0222		**Fiberglass Or Composite Plastic U-Channel Sign Posts** *(10 14 53 11-0207)*		
10 14 53 11-0223	EA	3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base	60.75	18.30
10 14 53 11-0224	EA	6' Fiberglass Or Composite Plastic U-Channel Sign Post	78.76	22.88
10 14 53 11-0225	EA	7' Fiberglass Or Composite Plastic U-Channel Sign Post	94.00	27.45
10 14 53 11-0226	EA	8' Fiberglass Or Composite Plastic U-Channel Sign Post	110.00	32.03
10 14 53 11-0227	EA	10' Fiberglass Or Composite Plastic U-Channel Sign Post	130.38	38.89
10 14 53 11-0228	EA	12' Fiberglass Or Composite Plastic U-Channel Sign Post	137.30	38.89
10 14 53 11-0229		**Tubular Sign Posts** *(10 14 53 11-0206)* Note: Excludes digging and concrete.		
10 14 53 11-0230		**2-3/8" Diameter, Galvanized Steel Tubular Sign Post** *(10 14 53 11-0229)*		
10 14 53 11-0231	EA	6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	90.61	22.88
10 14 53 11-0232	EA	7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	107.50	27.45
10 14 53 11-0233	EA	8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	127.01	32.03
10 14 53 11-0234	EA	10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	163.86	38.89
10 14 53 11-0235	EA	12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	178.11	38.89
10 14 53 11-0236		**Square Sign Posts** *(10 14 53 11-0206)* Note: Excludes digging and concrete.		
10 14 53 11-0237		**Galvanized Steel Square Sign Posts** *(10 14 53 11-0236)*		
10 14 53 11-0238	EA	3' To 4' Galvanized Steel Square Sign Post Base	68.38	18.30
10 14 53 11-0239	EA	6' Galvanized Steel Square Sign Post	109.42	22.88
10 14 53 11-0240	EA	7' Galvanized Steel Square Sign Post	128.26	27.45
10 14 53 11-0241	EA	8' Galvanized Steel Square Sign Post	149.60	32.03
10 14 53 11-0242	EA	10' Galvanized Steel Square Sign Post	182.71	38.89
10 14 53 11-0243	EA	12' Galvanized Steel Square Sign Post	192.66	38.89
10 14 53 11-0244		**Standard Driven Street Sign Posts, Square** *(10 14 53 11-0236)*		
10 14 53 11-0245	EA	12' x 2" Square 12 Gauge Galvanized Steel Sign Post With 1'-6" x 2-1/2" Square Sleeve And 2'-6" x 2-1/4" Square Anchor Driven Into Earth	230.72	38.89

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0246		Other Sign Posts And Bases *(10 14 53 11-0001)* Note: For breakaway post systems, base posts are driven in, sign posts bolted to base post using lap splice hardware kit.		
10 14 53 11-0247		2.5 LB/FT Breakaway Sign Posts And Base Posts *(10 14 53 11-0246)*		
10 14 53 11-0248		Base Posts, 2.5 LB/LF, For Breakaway Sign Posts *(10 14 53 11-0247)*		
10 14 53 11-0249	EA	Base Post for 2.5 LB/LF Breakaway Sign Post	92.48	22.38
10 14 53 11-0250	EA	Lap Splice Hardware For 2.5 LB/LF Breakaway Sign Post	56.67	17.90
10 14 53 11-0251		Breakaway Sign Posts, 2.5 LB/LF *(10 14 53 11-0247)*		
10 14 53 11-0252	LF	2.5 LB/LF Breakaway Sign Post	11.80	2.24
10 14 53 11-0253		4 LB/FT Breakaway Sign Posts And Base Posts *(10 14 53 11-0246)*		
10 14 53 11-0254		Base Posts, 4 LB/LF, For Breakaway Sign Posts *(10 14 53 11-0253)*		
10 14 53 11-0255	EA	Base Post For 4 LB/LF Breakaway Sign Post	96.79	26.85
10 14 53 11-0256	EA	Lap Splice Hardware for 4 LB/LF Breakaway Sign Post	56.67	17.90
10 14 53 11-0257		Breakaway Sign Posts, 4 LB/LF *(10 14 53 11-0253)*		
10 14 53 11-0258	LF	4 LB/LF Breakaway Sign Post	14.47	2.24
10 14 53 11-0259		Driven Sign Posts *(10 14 53 11-0246)*		
10 14 53 11-0260		Driven Posts, 2.5 LB/LF *(10 14 53 11-0259)*		
10 14 53 11-0261	LF	2.5 LB/LF Driven Post	12.69	3.13
10 14 53 11-0262		Driven Posts, 4 LB/LF *(10 14 53 11-0259)*		
10 14 53 11-0263	LF	4 LB/LF Driven Post	15.81	3.58
10 14 53 11-0264		Omni-Directional Breakaway System For Sign Posts And Light Poles *(10 14 53 11-0246)*		
10 14 53 11-0265		Omni-Directional Breakaway Systems For Signs *(10 14 53 11-0264)* Note: Break-Safe as manufactured by Tramspo Industries. Tasks are organized by post type and size. Includes hinges, anchors, all associated parts and drilling.		
10 14 53 11-0266	EA	Omni-Directional Breakaway System For 6" To 8" Wide Flange (Tramspo B525)	1,369.18	
10 14 53 11-0267	EA	Omni-Directional Breakaway System For 10" To 21" Wide Flange (Tramspo B650)	1,458.85	
10 14 53 11-0268	EA	Omni-Directional Breakaway System For Standard I Beam Or W6x9 Flange (Tramspo AI4 And AI6)	1,000.16	
10 14 53 11-0269	EA	Omni-Directional Breakaway System For 3" To 4.5" Outside Diameter Pipe (Tramspo A3 And A4.5)	876.00	
10 14 53 11-0270	EA	Omni-Directional Breakaway System For Square Tube (Tramspo AS3 And AS4)	993.25	
10 14 53 11-0271	EA	Omni-Directional Breakaway System For U-Channels (Tramspo AU4 To AU6)	944.97	
10 14 53 11-0272	EA	Omni-Directional Breakaway System For U-Channels Embedded (Tramspo AUX4 To AUX6)	1,024.30	
10 14 53 11-0273		Omni-Directional Breakaway Systems For Poles *(10 14 53 11-0264)* Note: Pole-Safe as Manufactured by Tramspo Industries. Tasks are organized by bolt size. Includes four couplings, all associated parts, drilling and can be for new or for retro-fitting existing poles.		
10 14 53 11-0274	EA	Omni-Directional Breakaway System For Poles With 5/8" Couplings	462.73	
10 14 53 11-0275	EA	Omni-Directional Breakaway System For Poles With 3/4" Couplings	485.11	
10 14 53 11-0276	EA	Omni-Directional Breakaway System For Poles With 1" Couplings	503.76	
10 14 53 11-0277	EA	Omni-Directional Breakaway System For Poles With 1 1/4" Couplings	764.98	
10 14 53 11-0278	EA	Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 10" To Less Than 15"	67.17	
10 14 53 11-0279	EA	Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 15" To 20"	89.55	
10 14 53 11-0280		Sign Post Accessories *(10 14 53 11-0001)*		
10 14 53 11-0281		Sign Post Brackets *(10 14 53 11-0280)*		
10 14 53 11-0282	EA	2-3/8" Outside Diameter, Single Side Sign Bracket Set Note: Includes 2 single side sign post brackets	46.72	6.71
10 14 53 11-0283	EA	2-3/8" Outside Diameter, Double Side Sign Bracket Set Note: Includes 2 double side sign post brackets	62.38	11.19
10 14 53 11-0284	EA	4" To 12" Diameter, Buckle Bracket Set Note: Includes 2 stainless steel straps, 2 brackets and fastener hardware	56.45	8.95
10 14 53 11-0285		Sign Post Caps *(10 14 53 11-0280)*		
10 14 53 11-0286	EA	2-3/8" Diameter, Galvanized, Flat Traffic Sign Post Cap (EC-2)	21.37	4.48
10 14 53 11-0287		Sign Post Replacement Bolts *(10 14 53 11-0280)*		
10 14 53 11-0288	EA	Signage Fasteners Replacement Note: Includes two 5/16" x 2" long bolts, two 5/16" nuts And four 5/16" washers	14.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0289		Removal Of Signs *(10 14 53 11)*		
		Note: Includes structural supports.		
10 14 53 11-0290	EA	>4 To 10 SF Sign Area, Sign Removal	179.02	
10 14 53 11-0291	EA	>10 To 20 SF Sign Area, Sign Removal	429.65	
10 14 53 11-0292	EA	>20 To 40 SF Sign Area, Sign Removal	644.47	
10 14 53 11-0293	EA	>40 To 100 SF Sign Area, Sign Removal	1,069.61	
10 14 53 11-0294		Removal And Reinstallation Of Signs *(10 14 53 11)*		
		Note: Includes structural supports.		
10 14 53 11-0295	EA	>4 To 10 SF Sign Area, Removal And Reinstallation Of Sign	273.10	
10 14 53 11-0296	EA	>10 To 20 SF Sign Area, Removal And Reinstallation Of Sign	647.72	
10 14 53 11-0297	EA	>20 SF To 40 SF Sign Area, Removal And Reinstallation Of Sign	969.48	
10 14 53 11-0298	EA	>40 SF To 100 SF Sign Area, Removal And Reinstallation Of Sign	1,606.97	
10 14 53 11-0299	EA	Removal And Reinstallation Of Street Sign On Post	102.93	
10 14 53 11-0300	EA	Removal And Relocation Of Traffic Light	372.46	
		Note: Excludes electrical hookup.		
10 14 56		**Bridge Signage** *(10 14)*		
10 14 56 00-0001		Bridge And Truss Mounted Signs *(10 14 56)*		
10 14 56 00-0002		Removal Of Bridge And Truss Mounted Signs *(10 14 56 00-0001)*		
10 14 56 00-0003	CF	Removal Of Foundation	17.11	
		Note: Including Excavation		
10 14 56 00-0004	LF	Removal Of Truss And Supports	219.19	
10 14 56 00-0005	SF	Removal Of Sign Face	10.02	
10 14 56 00-0006	SF	Removal Of Legend	16.70	
10 14 56 00-0007	EA	Removal Of Changeable Message Panel	192.69	
10 14 56 00-0008	EA	Removal Of Posts And Supports, Per Post	100.21	
10 14 56 00-0009		Fabricate And Install Bridge And Truss Mounted Signs *(10 14 56 00-0001)*		
10 14 56 00-0010	CY	Foundation For Sign Excavation, Backfill, Compaction, Concrete, Rebar, Forms And Finish	554.33	
10 14 56 00-0011	LF	Telescoping Steel Ground Posts	93.21	
10 14 56 00-0012	LF	Overhead Steel Mounting Framework	1,639.43	
10 14 56 00-0013	LB	Ground Mounted Steel Structure	6.48	
10 14 56 00-0014		Fabricate And Install New 12" Extruded Aluminum Channel *(10 14 56 00-0001)*		
		Note: Includes reflective face with reflective legend.		
10 14 56 00-0015	SF	1 To 49.9 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend	123.48	
10 14 56 00-0016	SF	50 To 99.9 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend	110.14	
10 14 56 00-0017	SF	100 To 149.9 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend	98.51	
10 14 56 00-0018	SF	>150 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend	88.53	
10 14 56 00-0019		Fabricate And Install New Reflective Messages On Sign Face *(10 14 56 00-0001)*		
10 14 56 00-0020		One Color/3 Dimensional Demountable Letters *(10 14 56 00-0019)*		
10 14 56 00-0021	EA	6" Capital Height Letter	29.21	
10 14 56 00-0022	EA	8" Capital Height Letter	34.40	
10 14 56 00-0023	EA	10" Capital Height Letter	39.56	
10 14 56 00-0024	EA	12" Capital Height Letter	44.18	
10 14 56 00-0025	EA	14" Capital Height Letter	46.79	
10 14 56 00-0026		Two Color Legend Shields-Die Cut Vinyl Engineer Grade *(10 14 56 00-0019)*		
10 14 56 00-0027	EA	6" Legend/Shields	30.09	
10 14 56 00-0028	EA	8" Legend/Shields	35.57	
10 14 56 00-0029	EA	10" Legend/Shields	41.02	
10 14 56 00-0030	EA	12" Legend/Shields	45.93	
10 14 56 00-0031	EA	14" Legend/Shields	48.85	
10 14 56 00-0032		Fabricate And Install New Changeable Message Panel *(10 14 56 00-0001)*		
10 14 56 00-0033	SF	One Color Hi-Intensity Die Cut Vinyl Letters on Demountable Panel	34.96	
10 14 63		**Electronic Message Signage** *(10 14)*		
10 14 63 00-0001		Dynamic Signs *(10 14 63)*		
10 14 63 00-0002		Programming/Software And Repair *(10 14 63 00-0001)*		
10 14 63 00-0003	HR	Programming Message, Graphic Visuals, Movement Of Message, And Timing Of Visuals On Screen	192.30	
10 14 63 00-0004	HR	Repair/Replacement Of Electronic Sign And Computer Components	120.19	
10 14 63 00-0005	HR	Repair Flip Disks Or Light Source	120.19	
10 14 63 00-0006		Fabricate And Install New Sign Cabinets *(10 14 63 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 63 00-0007		Cabinet For Flip Disk Display *(10 14 63 00-0006)*		
10 14 63 00-0008	SF	1 To 99 SF Cabinet	212.68	
10 14 63 00-0009	SF	100 To 200 SF Cabinet	173.85	
10 14 63 00-0010		Fabricate And Install New Sign Face Components *(10 14 63 00-0001)*		
10 14 63 00-0011		Enhanced Flip Disk Display *(10 14 63 00-0010)*		
10 14 63 00-0012	EA	Enhanced Flip Disk	148.07	
10 14 63 00-0013	SF	Lexan Lens For Flip Disk Sign	58.73	
10 14 63 00-0014		Disappearing Copy Sign *(10 14 63 00-0010)*		
10 14 63 00-0015	SF	1 To 49.9 SF, Disappearing Copy Sign	41.18	
10 14 63 00-0016	SF	=>50 SF, Disappearing Copy Sign	29.67	
10 14 63 00-0017		Fabricate And Install Transfer Lights And Signs *(10 14 63 00-0001)*		
10 14 63 00-0018	EA	Passenger Transfer Signage	580.86	

10 20 Interior Specialties *(10)*

10 21 Compartments and Cubicles *(10 20)*

10 21 13 Toilet Compartments *(10 21)*

10 21 13 13 Metal Toilet Compartments *(10 21 13)*

10 21 13 13-0001		Enamel Coated Steel Toilet Partitions And Urinal Screens *(10 21 13 13)* Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.		
10 21 13 13-0002		Enamel Coated Steel Toilet Partitions *(10 21 13 13-0001)* Note: All colors.		
10 21 13 13-0003		Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*		
10 21 13 13-0004	EA	36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	999.79	113.09
		For >10, Deduct	*-77.36*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 13-0005	EA	60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,212.82	123.15
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 13-0006	EA	60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,296.23	128.18
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 13-0007		Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)* Note: Includes headrail.		
10 21 13 13-0008	EA	36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,035.35	138.23
		For >10, Deduct	*-75.89*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 13-0009	EA	60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,206.13	148.28
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 13-0010	EA	60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,275.92	153.31
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 13-0011		Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)* Note: Excludes above ceiling steel.		
10 21 13 13-0012	EA	36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,221.94	163.36
		For >10, Deduct	*-89.52*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 13-0013	EA	60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,429.26	173.42
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 13-0014	EA	60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,502.22	178.44
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 13-0015		Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)* Note: Excludes above ceiling steel.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0016	EA	36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,172.63	188.49
		For >10, Deduct	*-79.56*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 13-0017	EA	60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,415.08	198.55
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 13-0018	EA	60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,496.35	203.58
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	

10 21 13 13-0019 Enamel Coated Steel Urinal Screens *(10 21 13 13-0001)*

Note: All colors.

10 21 13 13-0020 Floor Anchored, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*

10 21 13 13-0021	EA	24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	526.55	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0022	EA	36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	584.38	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0023	EA	48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	644.03	80.39
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

10 21 13 13-0024 Wall Hung, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*

10 21 13 13-0025	EA	18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	293.30	60.29
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0026	EA	24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	316.23	65.32
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0027	EA	30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	333.61	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

10 21 13 13-0028 Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*

10 21 13 13-0029	EA	18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen	382.29	65.32
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

10 21 13 13-0030 Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*

10 21 13 13-0031	EA	18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	430.14	65.32
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0032	EA	24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	458.57	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0033	EA	30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	486.98	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

10 21 13 13-0034 Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*

10 21 13 13-0035	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	486.12	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0036	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	521.90	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0037	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	577.89	80.39
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

10 21 13 13-0038 Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters *(10 21 13 13-0001)*

Note: All colors.

10 21 13 13-0039 Enamel Coated Steel, Toilet Partition Doors *(10 21 13 13-0038)*

10 21 13 13-0040	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	319.51	20.10
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 13-0041	EA	26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	326.86	20.10
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 13-0042	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	346.42	21.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 13-0043	EA	34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	379.49	21.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 13-0044	EA	36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	386.84	21.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	

10 21 13 13-0045 Enamel Coated Steel, Toilet Partition Panels *(10 21 13 13-0038)*

10 21 13 13-0046	EA	6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	225.70	30.16
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0047	EA	12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	249.10	32.67
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0048	EA	18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	272.49	35.19
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0049	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	295.90	37.70
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0050	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	319.31	40.21
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0051	EA	36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	342.70	42.73
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0052	EA	42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	364.27	45.24
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0053	EA	48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	387.66	47.76
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0054	EA	55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	403.72	50.26
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0055	EA	58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	413.08	51.27
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0056	EA	60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	425.28	52.78
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0057	EA	70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	465.23	55.29
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0058	EA	78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	499.65	57.80
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0059		**70" Long, Enamel Coated Steel, Toilet Partition Pilasters** *(10 21 13 13-0038)*		
10 21 13 13-0060	EA	Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	173.48	15.08
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0061	EA	5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	191.38	17.59
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0062	EA	6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	211.10	20.10
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0063	EA	8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	245.53	22.62
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0064	EA	10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	278.11	25.13
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0065	EA	12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	310.70	27.64
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0066	EA	18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	402.10	30.16
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0067	EA	22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	462.25	32.67
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0068	EA	24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	496.67	35.19
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0069		**82" Long, Enamel Coated Steel, Toilet Partition Pilasters** *(10 21 13 13-0038)*		
10 21 13 13-0070	EA	Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	138.57	15.08
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0071	EA	5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	150.95	17.59
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0072	EA	6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	165.16	20.10
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0073	EA	8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	186.73	22.62
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0074	EA	10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	206.45	25.13
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0075	EA	12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	228.01	27.64
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0076	EA	18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	282.66	30.16
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0077	EA	22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	318.93	32.67
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0078	EA	24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	340.48	35.19
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0079		**96" To 120" Long, Enamel Coated Steel, Partition Pilasters** *(10 21 13 13-0038)*		
10 21 13 13-0080	EA	Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	192.72	20.10
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0081	EA	5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	210.62	22.62
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0082	EA	6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	230.34	25.13
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0083	EA	8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	264.77	27.64
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0084	EA	10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	297.36	30.16
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0085	EA	12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	329.95	32.67
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0086	EA	18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	421.33	35.19
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0087	EA	22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	481.49	37.70
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 13-0088	EA	24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	515.92	40.21
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

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SAN BERNARDINO COUNTY

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 21 13 14 Stainless-Steel Toilet Compartments *(10 21 13)*

10 21 13 14-0001 Stainless Steel Toilet Partitions And Urinal Screens *(10 21 13 14)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.

10 21 13 14-0002 Stainless Steel Toilet Partitions *(10 21 13 14-0001)*

10 21 13 14-0003 Floor Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

10 21 13 14-0004	EA	36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,527.32	113.09
		For >10, Deduct	*-230.11*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For Diamond Pattern Finish, Add	*805.39*	
10 21 13 14-0005	EA	60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,057.76	123.15
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For Diamond Pattern Finish, Add	*984.01*	
10 21 13 14-0006	EA	60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,203.07	128.18
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For Diamond Pattern Finish, Add	*1,031.35*	

10 21 13 14-0007 Overhead Braced, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Includes headrail.

10 21 13 14-0008	EA	36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,120.36	138.23
		For >10, Deduct	*-184.39*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For Diamond Pattern Finish, Add	*645.37*	
10 21 13 14-0009	EA	60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,590.14	148.28
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For Diamond Pattern Finish, Add	*802.75*	
10 21 13 14-0010	EA	60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,826.27	153.31
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For Diamond Pattern Finish, Add	*881.88*	

10 21 13 14-0011 Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Excludes above ceiling steel.

10 21 13 14-0012	EA	36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,949.88	163.36
		For >10, Deduct	*-262.32*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For Diamond Pattern Finish, Add	*918.10*	
10 21 13 14-0013	EA	60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,164.68	173.42
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For Diamond Pattern Finish, Add	*986.25*	
10 21 13 14-0014	EA	60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,314.30	178.44
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For Diamond Pattern Finish, Add	*1,035.09*	

10 21 13 14-0015 Ceiling Hung, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Excludes above ceiling steel.

10 21 13 14-0016	EA	36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,941.51	188.49
		For >10, Deduct	*-256.45*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For Diamond Pattern Finish, Add	*897.58*	
10 21 13 14-0017	EA	60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,594.52	198.55
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For Diamond Pattern Finish, Add	*1,119.10*	
10 21 13 14-0018	EA	60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,782.12	203.58
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For Diamond Pattern Finish, Add	*1,181.24*	

10 21 13 14-0019 Stainless Steel Urinal Screens *(10 21 13 14-0001)*

10 21 13 14-0020 Floor Anchored, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

10 21 13 14-0021	EA	24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	819.06	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*237.44*	
10 21 13 14-0022	EA	36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	929.09	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*272.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0023	EA	48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	947.32	80.39
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*275.29*	
10 21 13 14-0024		**Wall Hung, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0025	EA	18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	601.86	60.29
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*168.45*	
10 21 13 14-0026	EA	24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	651.23	65.32
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*182.21*	
10 21 13 14-0027	EA	30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	711.38	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*199.75*	
10 21 13 14-0028		**Wall Hung And Post Supported, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0029	EA	18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	991.94	65.32
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*301.46*	
10 21 13 14-0030	EA	24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	1,038.81	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*314.35*	
10 21 13 14-0031	EA	30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	1,085.44	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*327.15*	
10 21 13 14-0032		**Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens** *(10 21 13 14-0019)*		
10 21 13 14-0033	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	819.06	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*237.44*	
10 21 13 14-0034	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	929.08	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*272.43*	
10 21 13 14-0035	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	1,043.80	80.39
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*309.06*	
10 21 13 14-0036		**Stainless Steel Toilet Partition Doors, Panels And Pilasters** *(10 21 13 14-0001)*		
10 21 13 14-0037		**Stainless Steel, Toilet Partition Doors** *(10 21 13 14-0036)*		
10 21 13 14-0038	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Door	553.39	20.10
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For Diamond Pattern Finish, Add	*179.61*	
10 21 13 14-0039	EA	26" x 58" x 1", Stainless Steel, Toilet Partition Door	634.44	20.10
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For Diamond Pattern Finish, Add	*207.98*	
10 21 13 14-0040	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Door	650.70	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For Diamond Pattern Finish, Add	*211.91*	
10 21 13 14-0041	EA	34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	674.10	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For Diamond Pattern Finish, Add	*220.10*	
10 21 13 14-0042	EA	36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	680.61	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For Diamond Pattern Finish, Add	*222.38*	
10 21 13 14-0043		**Stainless Steel, Toilet Partition Panels** *(10 21 13 14-0036)*		
10 21 13 14-0044	EA	6" x 58" x 1", Stainless Steel, Toilet Partition Panel	472.11	30.16
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*144.13*	
10 21 13 14-0045	EA	12" x 58" x 1", Stainless Steel, Toilet Partition Panel	524.70	32.67
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*160.77*	
10 21 13 14-0046	EA	18" x 58" x 1", Stainless Steel, Toilet Partition Panel	546.16	35.19
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*166.53*	
10 21 13 14-0047	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Panel	570.74	37.70
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*173.37*	
10 21 13 14-0048	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Panel	612.72	40.21
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*186.30*	
10 21 13 14-0049	EA	36" x 58" x 1", Stainless Steel, Toilet Partition Panel	661.72	42.73
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*201.69*	
10 21 13 14-0050	EA	42" x 58" x 1", Stainless Steel, Toilet Partition Panel	776.43	45.24
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*240.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0051	EA	48" x 58" x 1", Stainless Steel, Toilet Partition Panel	850.96	47.76
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*264.41*	
10 21 13 14-0052	EA	55" x 58" x 1", Stainless Steel, Toilet Partition Panel	872.45	50.26
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*270.17*	
10 21 13 14-0053	EA	58" x 58" x 1", Stainless Steel, Toilet Partition Panel	916.53	51.27
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*284.90*	
10 21 13 14-0054	EA	60" x 58" x 1", Stainless Steel, Toilet Partition Panel	974.43	52.78
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*304.10*	
10 21 13 14-0055	EA	70" x 58" x 1", Stainless Steel, Toilet Partition Panel	1,021.00	55.29
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*318.64*	
10 21 13 14-0056	EA	78" x 58" x 1", Stainless Steel, Toilet Partition Panel	1,121.66	57.80
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*352.12*	

10 21 13 14-0057 70" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0058	EA	Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	330.15	15.08
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*105.00*	
10 21 13 14-0059	EA	5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	358.96	17.59
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*113.32*	
10 21 13 14-0060	EA	6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	389.59	20.10
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*122.28*	
10 21 13 14-0061	EA	8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	444.00	22.62
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*139.57*	
10 21 13 14-0062	EA	10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	498.41	25.13
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*156.85*	
10 21 13 14-0063	EA	12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	552.83	27.64
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*174.14*	
10 21 13 14-0064	EA	18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	704.19	30.16
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*225.35*	
10 21 13 14-0065	EA	22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	808.00	32.67
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*259.93*	
10 21 13 14-0066	EA	24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	862.41	35.19
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*277.21*	

10 21 13 14-0067 82" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0068	EA	Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	250.65	15.08
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*77.17*	
10 21 13 14-0069	EA	5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	270.77	17.59
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*82.45*	
10 21 13 14-0070	EA	6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	291.65	20.10
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*88.00*	
10 21 13 14-0071	EA	8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	380.37	22.62
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*117.30*	
10 21 13 14-0072	EA	10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	429.49	25.13
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*132.73*	
10 21 13 14-0073	EA	12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	443.66	27.64
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*135.93*	
10 21 13 14-0074	EA	18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	503.29	30.16
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*155.04*	
10 21 13 14-0075	EA	22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	568.38	32.67
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*176.06*	
10 21 13 14-0076	EA	24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	603.18	35.19
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*186.48*	

10 21 13 14-0077 96" To 120" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0078	EA	Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	360.32	20.10
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*112.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0079	EA	5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	394.62	22.62
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*122.28*	
10 21 13 14-0080	EA	6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	427.07	25.13
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*131.88*	
10 21 13 14-0081	EA	8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	490.64	27.64
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*152.37*	
10 21 13 14-0082	EA	10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	552.37	30.16
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*172.22*	
10 21 13 14-0083	EA	12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	614.11	32.67
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*192.07*	
10 21 13 14-0084	EA	18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	792.90	35.19
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*252.89*	
10 21 13 14-0085	EA	22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	911.34	37.70
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*292.58*	
10 21 13 14-0086	EA	24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	974.90	40.21
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Diamond Pattern Finish, Add	*313.06*	

10 21 13 16 Plastic-Laminate-Clad Toilet Compartments *(10 21 13)*

10 21 13 16-0001 Laminated Plastic Toilet Partitions And Urinal Screens *(10 21 13 16)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high pressure decorative plastic laminate bonded to a solid industrial-grade particle board.

10 21 13 16-0002 Laminated Plastic Toilet Partitions *(10 21 13 16-0001)*

Note: Includes all standard Bobrick colors.

10 21 13 16-0003 Floor Anchored, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

10 21 13 16-0004	EA	36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,271.45	113.09
		For >10, Deduct	*-104.53*	
		For Cast Stainless Steel Hardware, Add	*172.22*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 16-0005	EA	60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,559.18	123.15
		For Cast Stainless Steel Hardware, Add	*172.24*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 16-0006	EA	60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,679.15	128.18
		For Cast Stainless Steel Hardware, Add	*172.25*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	

10 21 13 16-0007 Overhead Braced, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

Note: Includes headrail.

10 21 13 16-0008	EA	36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,372.74	138.23
		For >10, Deduct	*-109.63*	
		For Cast Stainless Steel Hardware, Add	*172.26*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 16-0009	EA	60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,673.22	148.28
		For Cast Stainless Steel Hardware, Add	*172.28*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 16-0010	EA	60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,802.75	153.31
		For Cast Stainless Steel Hardware, Add	*172.28*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	

10 21 13 16-0011 Ceiling Hung, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

Note: Excludes above ceiling steel.

10 21 13 16-0012	EA	36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,834.59	188.49
		For >10, Deduct	*-145.76*	
		For Cast Stainless Steel Hardware, Add	*172.34*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 16-0013	EA	60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,144.89	198.55
		For Cast Stainless Steel Hardware, Add	*172.35*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 16-0014	EA	60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,264.84	203.58
		For Cast Stainless Steel Hardware, Add	*172.36*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 21 13 16-0015 Laminated Plastic Urinal Screens *(10 21 13 16-0001)*
Note: Includes all standard Bobrick colors.

10 21 13 16-0016 Floor Anchored, Laminated Plastic, Urinal Screens *(10 21 13 16-0015)*

10 21 13 16-0017	EA	24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	530.51	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0018	EA	36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	578.80	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0019	EA	48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	596.35	80.39
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

10 21 13 16-0020 Wall Hung, Laminated Plastic, Urinal Screens *(10 21 13 16-0015)*

10 21 13 16-0021	EA	18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	410.74	60.29
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0022	EA	24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	431.72	65.32
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0023	EA	30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	451.69	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

10 21 13 16-0024 Wall Hung And Post Supported, Laminated Plastic, Urinal Screens *(10 21 13 16-0015)*

10 21 13 16-0025	EA	18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	548.60	65.32
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0026	EA	24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	602.25	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0027	EA	30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	660.48	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

10 21 13 16-0028 Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens *(10 21 13 16-0015)*

10 21 13 16-0029	EA	24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	505.20	65.32
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0030	EA	36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	554.58	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0031	EA	48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	571.50	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

10 21 13 16-0032 Laminated Plastic Toilet Partition Doors, Panels And Pilasters *(10 21 13 16-0001)*
Note: Includes all standard Bobrick colors.

10 21 13 16-0033 Laminated Plastic, Toilet Partition Doors *(10 21 13 16-0032)*

10 21 13 16-0034	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Door	426.63	20.10
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 16-0035	EA	26" x 58" x 1", Laminated Plastic, Toilet Partition Door	464.18	20.10
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 16-0036	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Door	479.45	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 16-0037	EA	34" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door	491.06	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 16-0038	EA	36" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door	501.98	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	

10 21 13 16-0039 Laminated Plastic, Toilet Partition Panels *(10 21 13 16-0032)*

10 21 13 16-0040	EA	6" x 58" x 1", Laminated Plastic, Toilet Partition Panel	212.51	30.16
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0041	EA	12" x 58" x 1", Laminated Plastic, Toilet Partition Panel	235.24	32.67
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0042	EA	18" x 58" x 1", Laminated Plastic, Toilet Partition Panel	257.96	35.19
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0043	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Panel	281.58	37.70
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0044	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Panel	303.41	40.21
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0045	EA	36" x 58" x 1", Laminated Plastic, Toilet Partition Panel	327.13	42.73
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0046	EA	42" x 58" x 1", Laminated Plastic, Toilet Partition Panel	334.24	45.24
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0047	EA	48" x 58" x 1", Laminated Plastic, Toilet Partition Panel	342.65	47.76
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0048	EA	55" x 58" x 1", Laminated Plastic, Toilet Partition Panel	360.68	50.26
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0049	EA	58" x 58" x 1", Laminated Plastic, Toilet Partition Panel	375.96	51.27
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0050	EA	60" x 58" x 1", Laminated Plastic, Toilet Partition Panel	392.99	52.78
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0051	EA	70" x 58" x 1", Laminated Plastic, Toilet Partition Panel	449.22	55.29
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 16-0052	EA	78" x 58" x 1", Laminated Plastic, Toilet Partition Panel	512.96	57.80
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0053		**69" Long, Laminated Plastic, Toilet Partition Pilasters** *(10 21 13 16-0032)*		
10 21 13 16-0054	EA	Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	175.58	15.08
		For 1-1/4" Pilaster, Add	*12.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*145.42*	
10 21 13 16-0055	EA	5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	202.46	17.59
		For 1-1/4" Pilaster, Add	*13.80*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*167.27*	
10 21 13 16-0056	EA	6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	207.48	20.10
		For 1-1/4" Pilaster, Add	*13.80*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*167.27*	
10 21 13 16-0057	EA	8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	228.89	22.62
		For 1-1/4" Pilaster, Add	*15.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*183.65*	
10 21 13 16-0058	EA	10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	238.69	25.13
		For 1-1/4" Pilaster, Add	*15.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*188.43*	
10 21 13 16-0059	EA	12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	259.42	27.64
		For 1-1/4" Pilaster, Add	*16.84*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*204.13*	
10 21 13 16-0060	EA	18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	331.36	30.16
		For 1-1/4" Pilaster, Add	*22.36*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*271.04*	
10 21 13 16-0061	EA	22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	401.93	32.67
		For 1-1/4" Pilaster, Add	*27.77*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*336.58*	
10 21 13 16-0062	EA	24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	451.33	35.19
		For 1-1/4" Pilaster, Add	*31.43*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*380.96*	
10 21 13 16-0063		**83" Long, Laminated Plastic, Toilet Partition Pilasters** *(10 21 13 16-0032)*		
10 21 13 16-0064	EA	Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	347.63	15.08
		For 1-1/4" Pilaster, Add	*26.19*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*317.47*	
10 21 13 16-0065	EA	5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	384.06	17.59
		For 1-1/4" Pilaster, Add	*28.78*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*348.87*	
10 21 13 16-0066	EA	6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	389.08	20.10
		For 1-1/4" Pilaster, Add	*28.78*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*348.87*	
10 21 13 16-0067	EA	8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	420.74	22.62
		For 1-1/4" Pilaster, Add	*30.98*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*375.50*	
10 21 13 16-0068	EA	10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	459.21	25.13
		For 1-1/4" Pilaster, Add	*33.74*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*408.95*	
10 21 13 16-0069	EA	12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	490.19	27.64
		For 1-1/4" Pilaster, Add	*35.88*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*434.90*	
10 21 13 16-0070	EA	18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	610.95	30.16
		For 1-1/4" Pilaster, Add	*45.43*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*550.63*	
10 21 13 16-0071	EA	22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	696.19	32.67
		For 1-1/4" Pilaster, Add	*52.04*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*630.84*	
10 21 13 16-0072	EA	24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	714.18	35.19
		For 1-1/4" Pilaster, Add	*53.11*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For Steel Core Pilaster, Add	*643.81*	

10 21 13 19 Plastic Toilet Compartments *(10 21 13)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0001			**Recycled Solid Polymer (HDPE) Toilet Partitions** *(10 21 13 19)* Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.		
10 21 13 19-0002			**Recycled Solid Plastic (HDPE) Toilet Partitions** *(10 21 13 19-0001)* Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0003			**Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet Partitions** *(10 21 13 19-0002)* Note: Includes headrail.		
10 21 13 19-0004	EA		36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,847.00	138.23
			For >10, Deduct	*-157.06*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
			For NFPA Class A, Add	*973.74*	
10 21 13 19-0005	EA		60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,280.75	148.28
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
			For NFPA Class A, Add	*1,230.19*	
10 21 13 19-0006	EA		60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,530.88	153.31
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
			For NFPA Class A, Add	*1,379.04*	
10 21 13 19-0007			**Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete Toilet Partitions** *(10 21 13 19-0002)* Note: Excludes above ceiling steel.		
10 21 13 19-0008	EA		36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,837.79	163.36
			For >10, Deduct	*-151.11*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
			For NFPA Class A, Add	*936.86*	
10 21 13 19-0009	EA		60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,309.94	173.42
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
			For NFPA Class A, Add	*1,217.13*	
10 21 13 19-0010	EA		60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,560.07	178.44
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
			For NFPA Class A, Add	*1,365.97*	
10 21 13 19-0011			**Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions** *(10 21 13 19-0002)* Note: Excludes above ceiling steel.		
10 21 13 19-0012	EA		36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,922.31	188.49
			For >10, Deduct	*-154.53*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
			For NFPA Class A, Add	*958.10*	
10 21 13 19-0013	EA		60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,288.73	198.55
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
			For NFPA Class A, Add	*1,172.81*	
10 21 13 19-0014	EA		60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,538.85	203.58
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
			For NFPA Class A, Add	*1,321.65*	
10 21 13 19-0015			**Recycled Solid Plastic (HDPE) Urinal Screens** *(10 21 13 19-0001)* Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0016			**Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens** *(10 21 13 19-0015)*		
10 21 13 19-0017	EA		18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	421.45	60.29
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*186.54*	
10 21 13 19-0018	EA		24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	443.36	65.32
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*193.89*	
10 21 13 19-0019			**Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens** *(10 21 13 19-0015)*		
10 21 13 19-0020	EA		18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	539.60	65.32
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*253.56*	
10 21 13 19-0021	EA		24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	685.94	70.34
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*338.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0022	EA	30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	763.11	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*379.68*	
10 21 13 19-0023		Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*		
10 21 13 19-0024	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	549.65	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*253.56*	
10 21 13 19-0025	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	695.98	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*338.06*	
10 21 13 19-0026	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	828.84	80.39
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*414.20*	
10 21 13 19-0027		Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0001)*		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0028		Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0027)*		
10 21 13 19-0029	EA	24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	444.46	20.10
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For NFPA Class A, Add	*250.64*	
10 21 13 19-0030	EA	26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	481.25	20.10
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For NFPA Class A, Add	*273.44*	
10 21 13 19-0031	EA	30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	522.79	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For NFPA Class A, Add	*296.08*	
10 21 13 19-0032	EA	34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	597.24	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For NFPA Class A, Add	*342.24*	
10 21 13 19-0033	EA	36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	614.86	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For NFPA Class A, Add	*353.16*	
10 21 13 19-0034		Recycled Solid Plastic (HDPE), Toilet Partition Panels *(10 21 13 19-0027)*		
10 21 13 19-0035	EA	6" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	149.92	30.16
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*55.55*	
10 21 13 19-0036	EA	12" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	244.55	32.67
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*111.10*	
10 21 13 19-0037	EA	18" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	339.16	35.19
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*166.65*	
10 21 13 19-0038	EA	24" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	397.04	37.70
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*199.42*	
10 21 13 19-0039	EA	30" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	482.48	40.21
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*249.27*	
10 21 13 19-0040	EA	36" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	515.63	42.73
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*266.71*	
10 21 13 19-0041	EA	42" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	579.75	45.24
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*303.35*	
10 21 13 19-0042	EA	48" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	654.65	47.76
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*346.67*	
10 21 13 19-0043	EA	55" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	715.64	50.26
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*381.37*	
10 21 13 19-0044	EA	58" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	731.21	51.27
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*389.78*	
10 21 13 19-0045	EA	60" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	755.91	52.78
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*403.22*	
10 21 13 19-0046	EA	70" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	855.80	55.29
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*462.03*	
10 21 13 19-0047	EA	78" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	922.94	57.80
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*500.54*	
10 21 13 19-0048		82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0027)*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0049		EA	Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	202.76	15.08
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*107.01*	
10 21 13 19-0050		EA	5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	225.10	17.59
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*117.74*	
10 21 13 19-0051		EA	6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	244.39	20.10
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*126.59*	
10 21 13 19-0052		EA	8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	262.18	22.62
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*134.50*	
10 21 13 19-0053		EA	10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	294.46	25.13
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*151.40*	
10 21 13 19-0054		EA	12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	326.72	27.64
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*168.29*	
10 21 13 19-0055		EA	18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	451.30	30.16
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*242.41*	
10 21 13 19-0056		EA	22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	510.70	32.67
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*276.12*	
10 21 13 19-0057		EA	24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	556.20	35.19
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*301.21*	

10 21 13 19-0058 96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0027)*

10 21 13 19-0059		EA	Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	246.94	20.10
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*128.17*	
10 21 13 19-0060		EA	5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	271.64	22.62
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*140.37*	
10 21 13 19-0061		EA	6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	299.12	25.13
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*154.29*	
10 21 13 19-0062		EA	8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	339.23	27.64
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*176.04*	
10 21 13 19-0063		EA	10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	379.72	30.16
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*198.03*	
10 21 13 19-0064		EA	12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	419.83	32.67
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*219.78*	
10 21 13 19-0065		EA	18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	540.48	35.19
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*291.47*	
10 21 13 19-0066		EA	22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	605.36	37.70
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*328.58*	
10 21 13 19-0067		EA	24 x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	658.56	40.21
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
			For NFPA Class A, Add	*358.44*	

10 21 13 19-0068 Antimicrobial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.

10 21 13 19-0069 Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0068)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0070 Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Includes headrail.

10 21 13 19-0071		EA	36" x 60", Overhead Braced, Antimicrobial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete Toilet Partition	2,396.69	138.23
			For >10, Deduct	*-212.02*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
			For NFPA Class A, Add	*1,314.55*	
10 21 13 19-0072		EA	60" x 60", Overhead Braced, Antimicrobial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,975.23	148.28
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
			For NFPA Class A, Add	*1,660.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0073	EA	60" x 78", Overhead Braced, Antimicrobial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,309.38	153.31
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*1,861.71*	
10 21 13 19-0074		Floor And Ceiling Anchored, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0075	EA	36" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,366.66	163.36
		For >10, Deduct	*-203.99*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*1,264.76*	
10 21 13 19-0076	EA	60" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,997.01	173.42
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*1,643.11*	
10 21 13 19-0077	EA	60" x 78", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,331.18	178.44
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*1,844.06*	
10 21 13 19-0078		Ceiling Hung, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0079	EA	36" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,463.18	188.49
		For >10, Deduct	*-208.62*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*1,293.44*	
10 21 13 19-0080	EA	60" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,950.79	198.55
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*1,583.29*	
10 21 13 19-0081	EA	60" x 78", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,284.94	203.58
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*1,784.23*	
10 21 13 19-0082		Antimicrobial Recycled Solid Plastic (HDPE) Urinal Screens *(10 21 13 19-0068)*		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0083		Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*		
10 21 13 19-0084	EA	18" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	526.75	60.29
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*251.83*	
10 21 13 19-0085	EA	24" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	548.95	65.32
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*259.35*	
10 21 13 19-0086		Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*		
10 21 13 19-0087	EA	18" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	866.73	65.32
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*456.38*	
10 21 13 19-0088	EA	24" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	987.50	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*525.03*	
10 21 13 19-0089	EA	30" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	1,052.61	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*559.17*	
10 21 13 19-0090		Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*		
10 21 13 19-0091	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	692.76	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*342.29*	
10 21 13 19-0092	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	886.82	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*456.38*	
10 21 13 19-0093	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	1,062.67	80.39
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*559.17*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0094		Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0068)*		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0095		Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0094)*		
10 21 13 19-0096	EA	24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	585.94	20.10
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For NFPA Class A, Add	*338.35*	
10 21 13 19-0097	EA	26" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	635.63	20.10
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For NFPA Class A, Add	*369.16*	
10 21 13 19-0098	EA	30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	689.94	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For NFPA Class A, Add	*399.71*	
10 21 13 19-0099	EA	34" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	790.45	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For NFPA Class A, Add	*462.03*	
10 21 13 19-0100	EA	36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	814.23	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For NFPA Class A, Add	*476.77*	
10 21 13 19-0101		Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panels *(10 21 13 19-0094)*		
10 21 13 19-0102	EA	6" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	181.27	30.16
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*74.99*	
10 21 13 19-0103	EA	12" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	307.27	32.67
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*149.99*	
10 21 13 19-0104	EA	18" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	433.25	35.19
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*224.99*	
10 21 13 19-0105	EA	24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	509.60	37.70
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*269.20*	
10 21 13 19-0106	EA	30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	623.19	40.21
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*336.51*	
10 21 13 19-0107	EA	36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	666.18	42.73
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*360.05*	
10 21 13 19-0108	EA	42" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	750.99	45.24
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*409.52*	
10 21 13 19-0109	EA	48" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	850.37	47.76
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*468.02*	
10 21 13 19-0110	EA	55" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	930.94	50.26
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*514.85*	
10 21 13 19-0111	EA	58" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	951.24	51.27
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*526.19*	
10 21 13 19-0112	EA	60" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	983.52	52.78
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*544.34*	
10 21 13 19-0113	EA	70" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,116.65	55.29
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*623.76*	
10 21 13 19-0114	EA	78" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,205.50	57.80
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*675.73*	
10 21 13 19-0115		82" Long, Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*		
10 21 13 19-0116	EA	Up To 4" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	263.17	15.08
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*144.47*	
10 21 13 19-0117	EA	5" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	291.56	17.59
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*158.95*	
10 21 13 19-0118	EA	6" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	315.85	20.10
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*170.90*	
10 21 13 19-0119	EA	8" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	364.74	22.62
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*198.09*	
10 21 13 19-0120	EA	10" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	409.91	25.13
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*222.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0121	EA	12" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	455.03	27.64
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*247.84*	
10 21 13 19-0122	EA	18" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	588.14	30.16
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*327.25*	
10 21 13 19-0123	EA	22" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	666.57	32.67
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*372.76*	
10 21 13 19-0124	EA	24" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	726.23	35.19
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*406.63*	
10 21 13 19-0125		96" To 120", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*		
10 21 13 19-0126	EA	Up To 4" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	319.29	20.10
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*173.03*	
10 21 13 19-0127	EA	5" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	350.89	22.62
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*189.50*	
10 21 13 19-0128	EA	6" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	386.23	25.13
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*208.30*	
10 21 13 19-0129	EA	8" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	438.62	27.64
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*237.66*	
10 21 13 19-0130	EA	10" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	491.53	30.16
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*267.35*	
10 21 13 19-0131	EA	12" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	543.89	32.67
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*296.69*	
10 21 13 19-0132	EA	18" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	705.04	35.19
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*393.50*	
10 21 13 19-0133	EA	22" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	790.84	37.70
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*443.57*	
10 21 13 19-0134	EA	24 x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	860.90	40.21
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*483.89*	
10 21 13 19-0135		Solid Phenolic Toilet Partitions And Urinal Screens *(10 21 13 19)*		
		Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.		
10 21 13 19-0136		Solid Phenolic Toilet Partitions *(10 21 13 19-0135)*		
		Note: Includes all standard Bobrick colors.		
10 21 13 19-0137		Floor Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*		
10 21 13 19-0138	EA	36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	1,945.98	113.09
		For >10, Deduct	*-171.98*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*372.46*	
10 21 13 19-0139	EA	60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,394.84	123.15
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*463.51*	
10 21 13 19-0140	EA	60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,676.61	128.18
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*521.07*	
10 21 13 19-0141		Overhead Braced, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*		
		Note: Includes headrail.		
10 21 13 19-0142	EA	36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,157.01	138.23
		For >10, Deduct	*-188.06*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*408.74*	
10 21 13 19-0143	EA	60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,623.82	148.28
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*503.55*	
10 21 13 19-0144	EA	60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,919.27	153.31
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*563.99*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0145		**Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions** *(10 21 13 19-0136)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0146	EA	36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,221.97	163.36
		For >10, Deduct	*-189.52*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*414.34*	
10 21 13 19-0147	EA	60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,685.44	173.42
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*508.45*	
10 21 13 19-0148	EA	60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,967.22	178.44
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*566.01*	
10 21 13 19-0149		**Ceiling Hung, Solid Phenolic, Complete Toilet Partitions** *(10 21 13 19-0136)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0150	EA	36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,184.52	188.49
		For >10, Deduct	*-180.75*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*398.43*	
10 21 13 19-0151	EA	60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,633.05	198.55
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*489.40*	
10 21 13 19-0152	EA	60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,914.83	203.58
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
		For NFPA Class A, Add	*546.97*	
10 21 13 19-0153		**Solid Phenolic Urinal Screens** *(10 21 13 19-0135)*		
		Note: Includes all standard Bobrick colors.		
10 21 13 19-0154		**Floor Anchored, Solid Phenolic, Urinal Screens** *(10 21 13 19-0153)*		
10 21 13 19-0155	EA	24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	701.20	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*124.74*	
10 21 13 19-0156	EA	36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	793.85	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*142.59*	
10 21 13 19-0157	EA	48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	954.79	80.39
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*174.78*	
10 21 13 19-0158		**Wall Hung, Solid Phenolic, Urinal Screens** *(10 21 13 19-0153)*		
10 21 13 19-0159	EA	18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	444.19	60.29
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*73.99*	
10 21 13 19-0160	EA	24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	515.69	65.32
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*87.39*	
10 21 13 19-0161	EA	30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	622.08	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*108.13*	
10 21 13 19-0162		**Wall Hung And Post Supported, Solid Phenolic, Urinal Screens** *(10 21 13 19-0153)*		
10 21 13 19-0163	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	450.04	65.32
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*73.61*	
10 21 13 19-0164	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	566.54	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*96.46*	
10 21 13 19-0165	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	664.13	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*115.35*	
10 21 13 19-0166		**Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens** *(10 21 13 19-0153)*		
10 21 13 19-0167	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	723.45	65.32
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*131.02*	
10 21 13 19-0168	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	816.69	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*149.00*	
10 21 13 19-0169	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	980.70	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*181.83*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0170		**Solid Phenolic Toilet Partition Doors, Panels And Pilasters** *(10 21 13 19-0135)* Note: Includes all standard Bobrick colors.		
10 21 13 19-0171		**Solid Phenolic, Toilet Partition Doors** *(10 21 13 19-0170)*		
10 21 13 19-0172	EA	24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	530.41	20.10
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For NFPA Class A, Add	*104.95*	
10 21 13 19-0173	EA	26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	548.84	20.10
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For NFPA Class A, Add	*108.82*	
10 21 13 19-0174	EA	30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	601.17	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For NFPA Class A, Add	*119.01*	
10 21 13 19-0175	EA	34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	649.23	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For NFPA Class A, Add	*129.10*	
10 21 13 19-0176	EA	36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	698.61	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
		For NFPA Class A, Add	*139.47*	
10 21 13 19-0177		**Solid Phenolic, Toilet Partition Panels** *(10 21 13 19-0170)*		
10 21 13 19-0178	EA	6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	162.48	30.16
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*24.47*	
10 21 13 19-0179	EA	12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	218.55	32.67
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*35.44*	
10 21 13 19-0180	EA	18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	300.15	35.19
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*51.77*	
10 21 13 19-0181	EA	24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	382.63	37.70
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*68.29*	
10 21 13 19-0182	EA	30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	427.15	40.21
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*76.83*	
10 21 13 19-0183	EA	36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	473.92	42.73
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*85.85*	
10 21 13 19-0184	EA	42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	554.21	45.24
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*101.91*	
10 21 13 19-0185	EA	48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	636.90	47.76
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*118.47*	
10 21 13 19-0186	EA	55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	679.48	50.26
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*126.61*	
10 21 13 19-0187	EA	58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	698.56	51.27
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*130.29*	
10 21 13 19-0188	EA	60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	711.82	52.78
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*132.59*	
10 21 13 19-0189	EA	70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	820.62	55.29
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*154.64*	
10 21 13 19-0190	EA	78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	993.59	57.80
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*190.16*	
10 21 13 19-0191		**69" Long, Solid Phenolic, Toilet Partition Pilasters** *(10 21 13 19-0170)*		
10 21 13 19-0192	EA	Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	250.68	15.08
		For 1" Pilaster, Add	*27.57*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*47.82*	
10 21 13 19-0193	EA	5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	288.48	17.59
		For 1" Pilaster, Add	*31.66*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*54.95*	
10 21 13 19-0194	EA	6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	293.50	20.10
		For 1" Pilaster, Add	*31.66*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*55.20*	
10 21 13 19-0195	EA	8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	340.18	22.62
		For 1" Pilaster, Add	*36.87*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*64.20*	
10 21 13 19-0196	EA	10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	382.75	25.13
		For 1" Pilaster, Add	*41.56*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*72.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0197	EA	12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	425.33	27.64
		For 1" Pilaster, Add	*46.26*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*80.47*	
10 21 13 19-0198	EA	16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	545.74	30.16
		For 1" Pilaster, Add	*60.68*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*104.95*	
10 21 13 19-0199	EA	20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	671.61	32.67
		For 1" Pilaster, Add	*75.78*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*130.58*	
10 21 13 19-0200	EA	24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	705.30	35.19
		For 1" Pilaster, Add	*79.37*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*136.85*	
10 21 13 19-0201		**83" Long, Solid Phenolic, Toilet Partition Pilasters** *(10 21 13 19-0170)*		
10 21 13 19-0202	EA	Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	275.26	15.08
		For 1" Pilaster, Add	*30.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*52.98*	
10 21 13 19-0203	EA	5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	322.62	17.59
		For 1" Pilaster, Add	*35.93*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*62.12*	
10 21 13 19-0204	EA	6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	327.64	20.10
		For 1" Pilaster, Add	*35.93*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*62.37*	
10 21 13 19-0205	EA	8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	379.78	22.62
		For 1" Pilaster, Add	*41.82*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*72.52*	
10 21 13 19-0206	EA	10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	429.17	25.13
		For 1" Pilaster, Add	*47.36*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*82.08*	
10 21 13 19-0207	EA	12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	478.93	27.64
		For 1" Pilaster, Add	*52.96*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*91.73*	
10 21 13 19-0208	EA	16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	625.62	30.16
		For 1" Pilaster, Add	*70.66*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*121.73*	
10 21 13 19-0209	EA	20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	746.38	32.67
		For 1" Pilaster, Add	*85.13*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*146.28*	
10 21 13 19-0210	EA	24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	784.86	35.19
		For 1" Pilaster, Add	*89.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*153.56*	
10 21 13 19-0211		**96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters** *(10 21 13 19-0170)*		
10 21 13 19-0212	EA	Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	309.89	20.10
		For 1" Pilaster, Add	*33.71*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*58.64*	
10 21 13 19-0213	EA	5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	366.80	22.62
		For 1" Pilaster, Add	*40.20*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*69.79*	
10 21 13 19-0214	EA	6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	371.82	25.13
		For 1" Pilaster, Add	*40.20*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*70.04*	
10 21 13 19-0215	EA	8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	429.42	27.64
		For 1" Pilaster, Add	*46.77*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*81.33*	
10 21 13 19-0216	EA	10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	485.66	30.16
		For 1" Pilaster, Add	*53.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*92.34*	
10 21 13 19-0217	EA	12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	542.57	32.67
		For 1" Pilaster, Add	*59.65*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*103.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0218	EA	16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	715.55	35.19
		For 1" Pilaster, Add	*80.65*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*139.01*	
10 21 13 19-0219	EA	20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	831.18	37.70
		For 1" Pilaster, Add	*94.47*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*162.48*	
10 21 13 19-0220	EA	24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	874.44	40.21
		For 1" Pilaster, Add	*99.25*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
		For NFPA Class A, Add	*170.76*	

10 21 13 19-0221 Solid Color Reinforced Composite Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid color reinforced composite core with a high pressure decorative matte surface finish as an integral part of the core material.

10 21 13 19-0222 Solid Color Reinforced Composite Toilet Partitions *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0223 Floor Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

10 21 13 19-0224	EA	36" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,152.36	113.09
		For >10, Deduct	*-192.62*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0225	EA	60" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,652.66	123.15
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0226	EA	60" x 78", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,967.04	128.18
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	

10 21 13 19-0227 Overhead Braced, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Includes headrail.

10 21 13 19-0228	EA	36" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,382.68	138.23
		For >10, Deduct	*-210.62*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0229	EA	60" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,903.09	148.28
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0230	EA	60" x 78", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,232.79	153.31
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	

10 21 13 19-0231 Floor And Ceiling Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Excludes above ceiling steel.

10 21 13 19-0232	EA	36" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,449.40	163.36
		For >10, Deduct	*-212.27*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0233	EA	60" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,966.07	173.42
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0234	EA	60" x 78", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,280.46	178.44
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	

10 21 13 19-0235 Ceiling Hung, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Excludes above ceiling steel.

10 21 13 19-0236	EA	36" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,401.42	188.49
		For >10, Deduct	*-202.44*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0237	EA	60" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,901.37	198.55
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0238	EA	60" x 78", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,215.75	203.58
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0239		**Solid Color Reinforced Composite Urinal Screens** *(10 21 13 19-0221)* Note: Includes all standard Bobrick colors.		
10 21 13 19-0240		**Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screens** *(10 21 13 19-0239)*		
10 21 13 19-0241	EA	24" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	768.46	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0242	EA	36" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	871.02	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0243	EA	48" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	1,050.07	80.39
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0244		**Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screens** *(10 21 13 19-0239)*		
10 21 13 19-0245	EA	18" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	483.02	60.29
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0246	EA	24" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	561.89	65.32
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0247	EA	30" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	679.85	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0248		**Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screens** *(10 21 13 19-0239)*		
10 21 13 19-0249	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	488.36	65.32
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0250	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	617.64	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0251	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	725.74	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0252		**Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screens** *(10 21 13 19-0239)*		
10 21 13 19-0253	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	794.59	65.32
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0254	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	897.81	70.34
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0255	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	1,080.29	75.36
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0256		**Solid Color Reinforced Composite Toilet Partition Doors, Panels And Pilasters** *(10 21 13 19-0221)* Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0001 for other accessories.		
10 21 13 19-0257		**Solid Color Reinforced Composite, Toilet Partition Doors** *(10 21 13 19-0256)*		
10 21 13 19-0258	EA	24" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	589.23	20.10
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 19-0259	EA	26" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	609.88	20.10
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 19-0260	EA	30" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	667.88	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 19-0261	EA	34" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	721.71	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 19-0262	EA	36" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	777.01	22.62
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 19-0263		**Solid Color Reinforced Composite, Toilet Partition Panels** *(10 21 13 19-0256)*		
10 21 13 19-0264	EA	6" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	174.74	30.16
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0265	EA	12" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	236.94	32.67
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0266	EA	18" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	327.72	35.19
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0267	EA	24" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	419.49	37.70
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0268	EA	30" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	468.75	40.21
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0269	EA	36" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	520.54	42.73
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0270	EA	42" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	609.86	45.24
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0271	EA	48" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	701.87	47.76
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0272	EA	55" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	748.95	50.26
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0273	EA	58" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	770.08	51.27
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0274	EA	60" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	784.57	52.78
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0275	EA	70" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	905.83	55.29
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0276	EA	78" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	1,098.95	57.80
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0277		69" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*		
10 21 13 19-0278	EA	Up To 4" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	277.14	15.08
		For 1" Pilaster, Add	*30.87*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0279	EA	5" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	318.88	17.59
		For 1" Pilaster, Add	*35.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0280	EA	6" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	323.90	20.10
		For 1" Pilaster, Add	*35.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0281	EA	8" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	375.57	22.62
		For 1" Pilaster, Add	*41.29*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0282	EA	10" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	422.65	25.13
		For 1" Pilaster, Add	*46.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0283	EA	12" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	469.73	27.64
		For 1" Pilaster, Add	*51.81*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0284	EA	16" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	603.99	30.16
		For 1" Pilaster, Add	*67.96*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0285	EA	20" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	744.36	32.67
		For 1" Pilaster, Add	*84.88*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0286	EA	24" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	781.50	35.19
		For 1" Pilaster, Add	*88.89*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0287		83" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*		
10 21 13 19-0288	EA	Up To 4" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	304.67	15.08
		For 1" Pilaster, Add	*34.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0289	EA	5" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	357.11	17.59
		For 1" Pilaster, Add	*40.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0290	EA	6" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	362.13	20.10
		For 1" Pilaster, Add	*40.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0291	EA	8" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	419.92	22.62
		For 1" Pilaster, Add	*46.84*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0292	EA	10" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	474.64	25.13
		For 1" Pilaster, Add	*53.05*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0293	EA	12" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	529.77	27.64
		For 1" Pilaster, Add	*59.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0294	EA	16" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	693.45	30.16
		For 1" Pilaster, Add	*79.14*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0295	EA	20" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	828.11	32.67
		For 1" Pilaster, Add	*95.35*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0296	EA	24" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	870.59	35.19
		For 1" Pilaster, Add	*100.03*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0297		96" To 120" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*		
10 21 13 19-0298	EA	Up To 4" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	342.25	20.10
		For 1" Pilaster, Add	*37.76*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0299	EA	5" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	405.39	22.62
		For 1" Pilaster, Add	*45.02*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0300	EA	6" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	410.41	25.13
		For 1" Pilaster, Add	*45.02*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0301	EA		8" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	474.32	27.64
			For 1" Pilaster, Add	*52.38*	
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0302	EA		10" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	536.70	30.16
			For 1" Pilaster, Add	*59.55*	
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0303	EA		12" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	599.84	32.67
			For 1" Pilaster, Add	*66.81*	
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0304	EA		16" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	792.97	35.19
			For 1" Pilaster, Add	*90.33*	
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0305	EA		20" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	921.87	37.70
			For 1" Pilaster, Add	*105.81*	
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0306	EA		24" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	969.72	40.21
			For 1" Pilaster, Add	*111.16*	
			For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

10 21 13 19-0307 Solid Polyester (Corian) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts.

10 21 13 19-0308 Solid Polyester (Corian) Toilet Partitions *(10 21 13 19-0307)*

Note: Small particulate finish.

10 21 13 19-0309 Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*

10 21 13 19-0310	EA		36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	4,745.80	113.09
			For >10, Deduct	*-451.96*	
			For Solid Color Material (No Particulate), Deduct	*-1,039.51*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0311	EA		60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	5,737.78	123.15
			For Solid Color Material (No Particulate), Deduct	*-1,263.04*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0312	EA		60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	6,367.06	128.18
			For Solid Color Material (No Particulate), Deduct	*-1,405.46*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	

10 21 13 19-0313 Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*

10 21 13 19-0314	EA		36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	4,919.15	138.23
			For >10, Deduct	*-464.27*	
			For Solid Color Material (No Particulate), Deduct	*-1,067.82*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0315	EA		60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	6,478.90	148.28
			For Solid Color Material (No Particulate), Deduct	*-1,421.94*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0316	EA		60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,177.53	153.31
			For Solid Color Material (No Particulate), Deduct	*-1,580.31*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	

10 21 13 19-0317 Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*

Note: Excludes above ceiling steel.

10 21 13 19-0318	EA		36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	5,506.43	163.36
			For >10, Deduct	*-517.97*	
			For Solid Color Material (No Particulate), Deduct	*-1,191.33*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0319	EA		60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,417.66	173.42
			For Solid Color Material (No Particulate), Deduct	*-1,626.29*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0320	EA		60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	8,115.75	178.44
			For Solid Color Material (No Particulate), Deduct	*-1,784.54*	
			For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	

10 21 13 19-0321 Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*

Note: Excludes above ceiling steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0322	EA	36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	5,550.03	188.49
		For >10, Deduct	*-517.31*	
		For Solid Color Material (No Particulate), Deduct	*-1,189.80*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0323	EA	60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,110.35	198.55
		For Solid Color Material (No Particulate), Deduct	*-1,544.05*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0324	EA	60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,808.42	203.58
		For Solid Color Material (No Particulate), Deduct	*-1,702.29*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*214.38*	
10 21 13 19-0325		Solid Polyester (Corian) Urinal Screens *(10 21 13 19-0307)*		
10 21 13 19-0326		Floor Anchored, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*		
10 21 13 19-0327	EA	24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,290.29	70.34
		For Solid Color Material (No Particulate), Deduct	*-264.41*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0328	EA	36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,713.17	75.36
		For Solid Color Material (No Particulate), Deduct	*-359.36*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0329	EA	48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	2,136.06	80.39
		For Solid Color Material (No Particulate), Deduct	*-454.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0330		Wall Hung, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*		
10 21 13 19-0331	EA	18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	648.60	60.29
		For Solid Color Material (No Particulate), Deduct	*-121.44*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0332	EA	24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	834.64	65.32
		For Solid Color Material (No Particulate), Deduct	*-161.92*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0333	EA	30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	1,020.71	70.34
		For Solid Color Material (No Particulate), Deduct	*-202.41*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0334		Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*		
10 21 13 19-0335	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	854.91	65.32
		For Solid Color Material (No Particulate), Deduct	*-166.58*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0336	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	1,071.39	70.34
		For Solid Color Material (No Particulate), Deduct	*-214.06*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0337	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	1,287.83	75.36
		For Solid Color Material (No Particulate), Deduct	*-261.54*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0338		Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*		
10 21 13 19-0339	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,325.23	65.32
		For Solid Color Material (No Particulate), Deduct	*-274.76*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0340	EA	34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,748.12	70.34
		For Solid Color Material (No Particulate), Deduct	*-369.71*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0341	EA	46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	2,170.99	75.36
		For Solid Color Material (No Particulate), Deduct	*-464.66*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0342		Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0307)*		
10 21 13 19-0343		Solid Polyester (Corian), Toilet Partition Doors *(10 21 13 19-0342)*		
10 21 13 19-0344	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,037.87	20.10
		For Solid Color Material (No Particulate), Deduct	*-229.46*	
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 19-0345	EA	26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,109.17	20.10
		For Solid Color Material (No Particulate), Deduct	*-245.86*	
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 19-0346	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,265.00	22.62
		For Solid Color Material (No Particulate), Deduct	*-280.54*	
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 19-0347	EA	34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,412.15	22.62
		For Solid Color Material (No Particulate), Deduct	*-314.39*	
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	
10 21 13 19-0348	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,476.17	22.62
		For Solid Color Material (No Particulate), Deduct	*-329.11*	
		For Heavy Gauge Full-Height SS Hinge, Add	*95.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 21 13 19-0349 Solid Polyester (Corian), Toilet Partition Panels *(10 21 13 19-0342)*

10 21 13 19-0350	EA	6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	266.72	30.16
		For Solid Color Material (No Particulate), Deduct	*-47.47*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0351	EA	12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	478.18	32.67
		For Solid Color Material (No Particulate), Deduct	*-94.95*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0352	EA	18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	689.60	35.19
		For Solid Color Material (No Particulate), Deduct	*-142.42*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0353	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	901.06	37.70
		For Solid Color Material (No Particulate), Deduct	*-189.90*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0354	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,112.50	40.21
		For Solid Color Material (No Particulate), Deduct	*-237.38*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0355	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,323.92	42.73
		For Solid Color Material (No Particulate), Deduct	*-284.85*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0356	EA	42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,535.38	45.24
		For Solid Color Material (No Particulate), Deduct	*-332.33*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0357	EA	48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,746.80	47.76
		For Solid Color Material (No Particulate), Deduct	*-379.80*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0358	EA	55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,992.64	50.26
		For Solid Color Material (No Particulate), Deduct	*-435.19*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0359	EA	58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,097.88	51.27
		For Solid Color Material (No Particulate), Deduct	*-458.93*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0360	EA	60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,169.69	52.78
		For Solid Color Material (No Particulate), Deduct	*-474.75*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0361	EA	70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,518.73	55.29
		For Solid Color Material (No Particulate), Deduct	*-553.87*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0362	EA	78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,798.97	57.80
		For Solid Color Material (No Particulate), Deduct	*-617.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

10 21 13 19-0363 72" Long, Solid Polyester (Corian), Toilet Partition Pilasters *(10 21 13 19-0342)*

10 21 13 19-0364	EA	Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	354.11	15.08
		For Solid Color Material (No Particulate), Deduct	*-74.51*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0365	EA	5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	440.13	17.59
		For Solid Color Material (No Particulate), Deduct	*-93.14*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0366	EA	6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	526.14	20.10
		For Solid Color Material (No Particulate), Deduct	*-111.76*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0367	EA	8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	693.17	22.62
		For Solid Color Material (No Particulate), Deduct	*-149.02*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0368	EA	10" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	860.17	25.13
		For Solid Color Material (No Particulate), Deduct	*-186.28*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0369	EA	12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,027.17	27.64
		For Solid Color Material (No Particulate), Deduct	*-223.53*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0370	EA	18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,518.13	30.16
		For Solid Color Material (No Particulate), Deduct	*-335.30*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0371	EA	22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,847.14	32.67
		For Solid Color Material (No Particulate), Deduct	*-409.81*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0372	EA	24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,014.13	35.19
		For Solid Color Material (No Particulate), Deduct	*-447.06*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

10 21 13 19-0373 82" Long, Solid Polyester (Corian), Toilet Partition Pilasters *(10 21 13 19-0342)*

10 21 13 19-0374	EA	Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	399.10	15.08
		For Solid Color Material (No Particulate), Deduct	*-84.86*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0375	EA	5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	496.39	17.59
		For Solid Color Material (No Particulate), Deduct	*-106.08*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0376	EA	6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	583.09	20.10
		For Solid Color Material (No Particulate), Deduct	*-124.86*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0377	EA	8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	797.22	22.62
		For Solid Color Material (No Particulate), Deduct	*-172.96*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0378	EA	10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	972.64	25.13
		For Solid Color Material (No Particulate), Deduct	*-212.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0379	EA	12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,162.14	27.64
		For Solid Color Material (No Particulate), Deduct	*-254.58*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0380	EA	18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,720.61	30.16
		For Solid Color Material (No Particulate), Deduct	*-381.87*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0381	EA	22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,094.61	32.67
		For Solid Color Material (No Particulate), Deduct	*-466.73*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0382	EA	24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,284.10	35.19
		For Solid Color Material (No Particulate), Deduct	*-509.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0383		96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters *(10 21 13 19-0342)*		
10 21 13 19-0384	EA	Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	526.14	20.10
		For Solid Color Material (No Particulate), Deduct	*-111.76*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0385	EA	5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	652.66	22.62
		For Solid Color Material (No Particulate), Deduct	*-139.71*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0386	EA	6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	779.18	25.13
		For Solid Color Material (No Particulate), Deduct	*-167.65*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0387	EA	8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,027.17	27.64
		For Solid Color Material (No Particulate), Deduct	*-223.53*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0388	EA	10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,275.17	30.16
		For Solid Color Material (No Particulate), Deduct	*-279.42*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0389	EA	12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,523.16	32.67
		For Solid Color Material (No Particulate), Deduct	*-335.30*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0390	EA	18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,257.10	35.19
		For Solid Color Material (No Particulate), Deduct	*-502.95*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0391	EA	22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,748.08	37.70
		For Solid Color Material (No Particulate), Deduct	*-614.72*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 19-0392	EA	24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,996.07	40.21
		For Solid Color Material (No Particulate), Deduct	*-670.60*	
		For Heavy Gauge Full-Height SS Brackets, Add	*59.40*	
10 21 13 40		**Stone Toilet Compartments** *(10 21 13)*		
10 21 13 40-0001		Stone Toilet Partitions And Urinal Screens *(10 21 13 40)*		
10 21 13 40-0002		Floor And Ceiling Anchored, Stone Toilet Partitions And Urinal Screens *(10 21 13 40-0001)*		
10 21 13 40-0003	SF	Floor And Ceiling Anchored, Stone Toilet, Urinal Or Shower Partition (White Carrara) Note: Thickness 1-1/4" to match standard of design. Facing: 1/4" thickness of natural marble as selected – panel to be double sided for an all stone finish. All exposed edges of panel shall be natural stone. Reinforcing: 3/4" aluminum honeycomb composite bonded with high strength epoxy. Incudes chrome-plated brass stirrup type U-brackets, chrome-plated brass HW and accessories, and theft-resistant-type heads and through-bolt application fasteners.	94.85	16.08
10 21 13 43		**Compartments and Cubicles Common Accessories** *(10 21 13)*		
10 21 13 43-0001		Accessories *(10 21 13 43)*		
10 21 13 43-0002	LF	Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens	13.21	2.02
10 21 13 43-0003	LF	Stainless Steel Headrails For Toilet Partitions And Urinal Screens	23.02	2.02
10 21 13 43-0004	EA	Replacement Of 1-1/2" x 58" Stainless Steel Wall Posts	117.49	
10 21 13 43-0005	EA	Replacement Of 58" Aluminum Wall U Bracket	69.08	
10 21 13 43-0006	EA	Replacement Of 58" Aluminum Wall Two Ear Bracket	115.25	
10 21 13 43-0007	EA	Replacement Of 54" Stainless Steel Wall U Bracket	89.56	
10 21 13 43-0008	EA	Replacement Of 54" Stainless Steel Wall Two Ear Bracket	220.72	
10 21 13 43-0009	EA	Replacement Of 54" Plastic Wall Two Ear Bracket, All Colors	178.88	
10 21 13 43-0010	EA	Replacement Of 57-1/2" Stainless Steel Hinge	143.36	
10 21 16		**Shower and Dressing Compartments** *(10 21)*		
10 21 16 17		**Phenolic-Core Shower and Dressing Compartments** *(10 21 16)*		
10 21 16 17-0001		Shower Dividers *(10 21 16 17)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 16 17-0002		**Solid Phenolic Core Laminated Plastic, Shower Dividers** *(10 21 16 17-0001)* Note: Cut to height in field. panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.		
10 21 16 17-0003	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,242.11	125.66
		For 66" High Panels, Add	*148.62*	
10 21 16 17-0004	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,592.49	135.72
		For 66" High Panels, Add	*198.16*	
10 21 16 17-0005	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	2,094.45	150.79
		For 66" High Panels, Add	*268.93*	
10 21 16 17-0006	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	2,474.95	175.93
		For 66" High Panels, Add	*318.47*	
10 21 16 17-0007	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	2,855.49	201.06
		For 66" High Panels, Add	*368.00*	
10 21 16 17-0008		**Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track** *(10 21 16 17-0001)* Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Headrail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in headrail.		
10 21 16 17-0009	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	3,115.21	220.87
		For 66" High Panels, Add	*445.20*	
		For 6" Wide Head Rail, Add	*84.62*	
		For 8" Wide Head Rail, Add	*115.77*	
		For 10" Wide Head Rail, Add	*142.51*	
		For 12" Wide Head Rail, Add	*171.45*	
		For 18" Wide, 1/2" Thick Bench, Add	*129.17*	
		For 24" Wide, 1/2" Thick Bench, Add	*169.17*	
10 21 16 17-0010	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	3,889.82	241.17
		For 66" High Panels, Add	*559.35*	
		For 6" Wide Head Rail, Add	*107.05*	
		For 8" Wide Head Rail, Add	*145.94*	
		For 10" Wide Head Rail, Add	*180.02*	
		For 12" Wide Head Rail, Add	*216.51*	
		For 18" Wide, 1/2" Thick Bench, Add	*133.24*	
		For 24" Wide, 1/2" Thick Bench, Add	*173.24*	
10 21 16 17-0011	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	4,968.76	256.45
		For 66" High Panels, Add	*719.67*	
		For 6" Wide Head Rail, Add	*138.80*	
		For 8" Wide Head Rail, Add	*188.49*	
		For 10" Wide Head Rail, Add	*233.05*	
		For 12" Wide Head Rail, Add	*280.17*	
		For 18" Wide, 1/2" Thick Bench, Add	*136.29*	
		For 24" Wide, 1/2" Thick Bench, Add	*176.29*	
10 21 16 17-0012	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	5,291.81	286.91
		For 66" High Panels, Add	*765.08*	
		For 6" Wide Head Rail, Add	*147.28*	
		For 8" Wide Head Rail, Add	*200.20*	
		For 10" Wide Head Rail, Add	*247.38*	
		For 12" Wide Head Rail, Add	*297.43*	
		For 18" Wide, 1/2" Thick Bench, Add	*142.38*	
		For 24" Wide, 1/2" Thick Bench, Add	*182.38*	
10 21 16 17-0013	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	6,075.50	311.84
		For 66" High Panels, Add	*880.14*	
		For 6" Wide Head Rail, Add	*169.79*	
		For 8" Wide Head Rail, Add	*230.55*	
		For 10" Wide Head Rail, Add	*285.07*	
		For 12" Wide Head Rail, Add	*342.70*	
		For 18" Wide, 1/2" Thick Bench, Add	*147.36*	
		For 24" Wide, 1/2" Thick Bench, Add	*187.36*	
10 21 23		**Cubicle Curtains and Track** *(10 21)*		
10 21 23 13		**Cubicle Curtains** *(10 21 23)*		
10 21 23 13-0001		**Hospital Curtains With Nylon Mesh Tops** *(10 21 23 13)*		
10 21 23 13-0002	LF	84" High, Fire Resistant Polyester, Hospital Cubicle Curtain	16.76	0.86
10 21 23 13-0003	LF	90" High, Fire Resistant Polyester, Hospital Cubicle Curtain	17.76	0.86
10 21 23 13-0004	LF	96" High, Fire Resistant Polyester, Hospital Cubicle Curtain	19.03	0.86
10 21 23 13-0005	LF	102" High, Fire Resistant Polyester, Hospital Cubicle Curtain	20.05	0.86
10 21 23 13-0006	LF	108" High, Fire Resistant Polyester, Hospital Cubicle Curtain	21.07	0.86
10 21 23 13-0007	LF	120" High, Fire Resistant Polyester, Hospital Cubicle Curtain	23.02	0.86
10 21 23 16		**Cubicle Track and Hardware** *(10 21 23)*		
10 21 23 16-0001		**Hospital Bendable Curtain Track** *(10 21 23 16)*		
10 21 23 16-0002	EA	105', Bendable Curtain Track (InPro 115237)	1,295.81	85.57
10 21 23 16-0003	EA	16', Bendable Curtain Track (InPro 115236)	252.40	48.87
10 21 23 16-0004	EA	8', Bendable Curtain Track (InPro 115235)	144.44	32.58

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 23 16-0005		**Hospital Cubicle Curtain Channel Track** *(10 21 23 16)*		
		Note: Track is extruded aluminum. Includes curved sections, carrier rollers and all fittings.		
10 21 23 16-0006	LF	Flush Mounted, Aluminum, Hospital Cubicle Curtain Channel Track	21.29	4.57
10 21 23 16-0007	LF	Suspended, Aluminum, Hospital Cubicle Curtain Channel Track	34.06	5.03
10 21 23 16-0008		**Hospital IV Tracks** *(10 21 23 16)*		
10 21 23 16-0009	LF	Oval Hospital Partition IV Track	31.11	2.87
10 21 23 16-0010	EA	Hospital Partition IV Trolley	174.23	11.97
10 21 23 16-0011	EA	5 Hook Tree, Hospital Partition IV Pendant	754.60	11.97

10 22 Partitions *(10 20)*

10 22 13 Wire Mesh Partitions *(10 22)*

10 22 13 00-0001		**Wall Panels** *(10 22 13)*		
		Note: Includes steel frame and posts. Posts bolted to floor.		
10 22 13 00-0002	SF	Wire Mesh Wall Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	14.83	1.26
		For 5' Wide Panels, Add	*0.62*	
10 22 13 00-0003	SF	Wire Mesh Wall Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	16.38	1.51
		For 5' Wide Panels, Add	*0.67*	
10 22 13 00-0004	SF	Wire Mesh Wall Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	25.15	1.76
		For 5' Wide Panels, Add	*1.08*	
10 22 13 00-0005		**Ceiling Panels** *(10 22 13)*		
		Note: Includes steel frame.		
10 22 13 00-0006	SF	Wire Mesh Ceiling Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	15.28	1.51
10 22 13 00-0007	SF	Wire Mesh Ceiling Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	16.84	1.76
10 22 13 00-0008	SF	Wire Mesh Ceiling Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	18.62	2.02
10 22 13 00-0009		**Sliding Doors** *(10 22 13)*		
		Note: Includes padlocks lugs and/or provisions for cylinder lock.		
10 22 13 00-0010	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,337.23	263.90
		For 8 Gauge, Add	*147.81*	
		For 6 Gauge, Add	*295.61*	
10 22 13 00-0011	EA	4' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,403.49	291.54
		For 8 Gauge, Add	*152.22*	
		For 6 Gauge, Add	*304.43*	
10 22 13 00-0012	EA	5' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,541.58	301.60
		For 8 Gauge, Add	*170.92*	
		For 6 Gauge, Add	*341.84*	
10 22 13 00-0013	EA	5' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,682.41	326.73
		For 8 Gauge, Add	*187.02*	
		For 6 Gauge, Add	*374.03*	
10 22 13 00-0014	EA	6' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,736.32	346.83
		For 8 Gauge, Add	*191.08*	
		For 6 Gauge, Add	*382.16*	
10 22 13 00-0015	EA	6' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,916.47	366.94
		For 8 Gauge, Add	*214.08*	
		For 6 Gauge, Add	*428.17*	
10 22 13 00-0016	EA	8' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,059.58	394.59
		For 8 Gauge, Add	*230.02*	
		For 6 Gauge, Add	*460.04*	
10 22 13 00-0017	EA	8' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,248.41	412.18
		For 8 Gauge, Add	*254.83*	
		For 6 Gauge, Add	*509.65*	
10 22 13 00-0018	EA	10' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,265.78	422.23
		For 8 Gauge, Add	*255.42*	
		For 6 Gauge, Add	*510.84*	
10 22 13 00-0019	EA	10' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,508.11	447.36
		For 8 Gauge, Add	*286.74*	
		For 6 Gauge, Add	*573.49*	
10 22 13 00-0020		**Swing Doors** *(10 22 13)*		
10 22 13 00-0021		**Single Swing Door** *(10 22 13 00-0020)*		
10 22 13 00-0022	EA	3' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	919.54	155.82
		For 8 Gauge, Add	*104.42*	
		For 6 Gauge, Add	*208.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 13 00-0023	EA	3' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	991.18	175.93
		For 8 Gauge, Add	*113.49*	
		For 6 Gauge, Add	*226.98*	
10 22 13 00-0024	EA	3' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,063.41	185.98
		For 8 Gauge, Add	*122.32*	
		For 6 Gauge, Add	*244.63*	
10 22 13 00-0025	EA	4' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,041.45	201.06
		For 8 Gauge, Add	*116.00*	
		For 6 Gauge, Add	*232.01*	
10 22 13 00-0026	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,116.43	211.11
		For 8 Gauge, Add	*125.24*	
		For 6 Gauge, Add	*250.48*	
10 22 13 00-0027	EA	4' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,166.29	221.17
		For 8 Gauge, Add	*130.71*	
		For 6 Gauge, Add	*261.42*	

10 22 13 00-0028 Double Swing Doors *(10 22 13 00-0020)*

10 22 13 00-0029	EA	6' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,460.26	251.33
		For 8 Gauge, Add	*168.77*	
		For 6 Gauge, Add	*337.55*	
10 22 13 00-0030	EA	6' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,582.71	266.41
		For 8 Gauge, Add	*184.13*	
		For 6 Gauge, Add	*368.25*	
10 22 13 00-0031	EA	6' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,705.14	281.48
		For 8 Gauge, Add	*199.47*	
		For 6 Gauge, Add	*398.95*	
10 22 13 00-0032	EA	8 x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,830.52	301.60
		For 8 Gauge, Add	*214.26*	
		For 6 Gauge, Add	*428.52*	
10 22 13 00-0033	EA	8 x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	2,009.50	316.67
		For 8 Gauge, Add	*238.09*	
		For 6 Gauge, Add	*476.18*	
10 22 13 00-0034	EA	8 x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	2,186.34	331.76
		For 8 Gauge, Add	*261.60*	
		For 6 Gauge, Add	*523.20*	

10 22 13 00-0035 Dutch Doors *(10 22 13)*

Note: Includes padlocks lugs and/or provisions for cylinder lock.

10 22 13 00-0036	EA	3' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,271.31	155.82
		For 8 Gauge, Add	*157.19*	
		For 6 Gauge, Add	*314.37*	
10 22 13 00-0037	EA	3' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,349.23	175.93
		For 8 Gauge, Add	*167.20*	
		For 6 Gauge, Add	*334.40*	
10 22 13 00-0038	EA	3' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,386.67	185.98
		For 8 Gauge, Add	*170.80*	
		For 6 Gauge, Add	*341.61*	
10 22 13 00-0039	EA	3' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,454.27	211.11
		For 8 Gauge, Add	*175.92*	
		For 6 Gauge, Add	*351.84*	
10 22 13 00-0040	EA	4' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,398.31	201.06
		For 8 Gauge, Add	*169.53*	
		For 6 Gauge, Add	*339.07*	
10 22 13 00-0041	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,484.47	211.11
		For 8 Gauge, Add	*180.45*	
		For 6 Gauge, Add	*360.90*	

10 22 19 Demountable Partitions *(10 22)*

10 22 19 13 Demountable Metal Partitions *(10 22 19)*

10 22 19 13-0001	LF	9' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	162.07	15.99
		For >9, Add	*20.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 19 13-0002	LF	7' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	142.67	12.73
		For >9, Add 17.83		
10 22 19 13-0003	LF	5' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	123.29	9.57
		For >9, Add 15.41		
10 22 19 13-0004	LF	9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panel, 48" Wide, Backed Enamel	160.76	12.73
		For >9, Add 20.10		
10 22 19 13-0005	LF	9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panels, 48" Wide, Fabric	234.56	13.69
		For >9, Add 29.32		

10 22 19 43 Demountable Composite Partitions *(10 22 19)*

10 22 19 43-0001	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Vinyl Clad	253.07	15.99
		For >9, Add 31.63		
10 22 19 43-0002	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Fabric Clad	317.80	17.43
		For >9, Add 39.73		
10 22 19 43-0003	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	53.47	2.39
		For Acoustical Partitions, Add	*4.88*	
10 22 19 43-0004	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	66.57	4.02
		For Acoustical Partitions, Add	*5.85*	
10 22 19 43-0005	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	57.04	2.49
		For Acoustical Partitions, Add	*5.20*	
10 22 19 43-0006	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	81.65	3.45
		For Acoustical Partitions, Add	*7.48*	

10 22 19 53 Demountable Gypsum Partitions *(10 22 19)*

10 22 19 53-0001 Demountable Gypsum Partitions *(10 22 19 53)*

10 22 19 53-0002	LF	9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Vinyl Clad	94.37	15.99
		For >9, Add 11.80		
10 22 19 53-0003	LF	9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Fabric Clad	161.35	17.43
		For >9, Add 20.17		
10 22 19 53-0004	LF	9' High Demountable Partition Gypsum System, 2" To 2.5", Steel Standard, 3" To 3-3/4" Thick, Steel Clad	173.57	19.15
		For >9, Add 21.70		
10 22 19 53-0005	LF	9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Vinyl Clad	204.28	15.99
		For >9, Add 25.54		
10 22 19 53-0006	LF	9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Fabric Clad	343.81	17.43
		For >9, Add 42.98		

10 22 23 Portable Partitions, Screens, and Panels *(10 22)*

Note: Includes standard units, standard height glass and glazing. For 25 percent and 50 percent glass 1/4" plate glass is used. For 100 percent glass 1/4" tempered plate is used.

10 22 23 13 Wall Screens *(10 22 23)*

10 22 23 13-0001 Privacy Screens, Free Standing *(10 22 23 13)*

10 22 23 13-0002	EA	62-1/2" Wide x 70" High, Single Panel, PVC Frame, Stationary, Privacy Screen With Blue Flame Retardant Antimicrobial Fabric (DQE MC4022)	206.58	22.38
10 22 23 13-0003	EA	62-1/2" Wide x 66" High, Single Panel, PVC Frame, Stationary, Privacy Screen With Blue Vinyl PVC Fabric (DQE MC5032)	446.76	22.38
10 22 23 13-0004	EA	62" Wide x 74" High, Four Panel, PVC Frame, Stationary, Privacy Screen With Blue Flame Retardant Antimicrobial Fabric (DQE MCK5022)	785.98	31.33
10 22 23 13-0005	EA	81" Wide x 69" High, Three Panel, Powder Coated Steel Frame, On Rollers, Privacy Screen With White Flame Retardant Vinyl Fabric (R&B Wire Products PSS-3C)	417.56	26.85
10 22 23 13-0006	EA	81" Wide x 69" High, Three Panel, Powder Coated Steel Frame, On Rollers, Privacy Screen With White Flame Retardant Antimicrobial Vinyl Fabric (R&B Wire Products PSS-3CUS)	392.35	26.85
10 22 23 13-0007	EA	81" Wide x 69" High, Three Panel, Powder Coated Steel Frame, On Rollers, Privacy Screen With Blue Flame Retardant Antimicrobial Fabric (R&B Wire Products PSS-3C/AM/BF)	679.81	26.85
10 22 23 13-0008	EA	81" Wide x 69" High, Three Panel, Powder Coated Steel Frame, On Rollers, Privacy Screen With Blue Flame Retardant Antimicrobial Vinyl Fabric (R&B Wire Products PSS-3/AML/PB)	462.86	26.85
10 22 23 13-0009	EA	81" Wide x 69" High, Three Panel, Powder Coated Steel Frame, On Rollers, Privacy Screen With White Flame Retardant Antimicrobial Vinyl Fabric (R&B Wire Products PSS-3/AML/WHT)	462.86	26.85
10 22 23 13-0010	EA	81" Wide x 69" High, Three Panel, Powder Coated Steel Frame, On Rollers, Privacy Screen With Beige Flame Retardant Antimicrobial Vinyl Fabric (R&B Wire Products PSS-3/AML/C)	462.86	26.85
10 22 23 13-0011	EA	81" Wide x 67" High, Three Panel, Powder Coated Steel Frame, On Rollers, Privacy Screen With Blue, Beige, Green Or Mauve Flame Retardant Antimicrobial Fabric (R&B Wire Products PSS-3C/AM/BF-M-BGF or GG)	679.81	26.85
10 22 23 13-0012	EA	81" Wide x 67" High, Three Panel, Powder Coated Steel Frame, On Rollers, Privacy Screen With White Flame Retardant Vinyl Fabric (R&B Wire Products PSS-3US)	382.23	26.85

10 22 23 23 Movable Panel Systems *(10 22 23)*

10 22 23 23-0001 Portable Partitions *(10 22 23 23)*

10 22 23 23-0002	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 4' High	324.34	7.66
10 22 23 23-0003	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 5' High	345.57	8.52
10 22 23 23-0004	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 6' High	410.78	10.25
10 22 23 23-0005	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 4' High	239.72	4.41
10 22 23 23-0006	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 5' High	254.19	5.07
10 22 23 23-0007	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 6' High	285.50	6.13
10 22 23 23-0008	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 6'-0" Long, 5' High	243.67	4.69
10 22 23 23-0009	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 5' High	433.40	8.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 23 23-0010	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 6' High	475.83	10.25
10 22 23 23-0011	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 5' High	252.32	5.84
10 22 23 23-0012	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 6' High	286.92	6.80
10 22 23 23-0013	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 5' High	231.42	5.07
10 22 23 23-0014	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 6' High	259.48	6.13
10 22 23 23-0015	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 5' High	384.61	8.52
10 22 23 23-0016	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 6' High	433.55	10.25
10 22 23 23-0017	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 5' High	391.11	8.52
10 22 23 23-0018	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 6' High	475.83	10.25
10 22 23 23-0019	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 5' High	302.98	5.07
10 22 23 23-0020	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 6' High	340.80	6.13
10 22 23 23-0021	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 5' High	320.11	4.69
10 22 23 23-0022	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 6' High	381.94	5.56
10 22 23 23-0023	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 5' High	184.01	5.84
10 22 23 23-0024	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 6' High	216.99	6.80
10 22 23 23-0025	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 5'-0" Long, 6' High	196.05	6.13
10 22 23 23-0026	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 6'-0" Long, 5' High	142.83	4.69
10 22 23 23-0027	LF	Partitions, Portable, Metal Chalkboard, 6'-6" High, 1 Side	233.46	6.13
10 22 23 23-0028	LF	Partitions, Portable, Metal Chalkboard, 2 Sides	266.50	6.42
10 22 23 23-0029	LF	Partitions, Portable, Tackboard, Both Sides	214.14	6.22

10 22 23 23-0030 Adjustable Barrier Panel System (Edge Guard) *(10 22 23 23)*

Note: Panels are opal or transparent. Includes self leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.

10 22 23 23-0031	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	987.43
10 22 23 23-0032	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	937.28
10 22 23 23-0033	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	736.69
10 22 23 23-0034	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	853.70
10 22 23 23-0035	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010) Note: Includes a hydraulic closer and a lever style lockset standard.	1,513.98
10 22 23 23-0036	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003)	1,681.14
10 22 23 23-0037	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008) Note: Includes a hydraulic closer and a lever style lockset standard.	2,015.46
10 22 23 23-0038	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	329.35
10 22 23 23-0039	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	451.92
10 22 23 23-0040	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	485.36
10 22 23 23-0041	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	270.84
10 22 23 23-0042	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	270.84
10 22 23 23-0043	EA	Closure Strips (Edge Guard 3003) Note: To seal panels to existing walls	17.79
10 22 23 23-0044	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005)	464.72

10 22 23 23-0045 Adjustable Barrier Panel System (Starc Systems, Inc.) *(10 22 23 23)*

10 22 23 23-0046	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 12" Wide (Starc S3-WM-12) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	772.28
10 22 23 23-0047	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 18" Wide (Starc S3-WM-18) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	869.31
10 22 23 23-0048	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 24" Wide (Starc S3-WM-24) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	957.38
10 22 23 23-0049	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 32" Wide (Starc S3-WM-32) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	1,016.11
10 22 23 23-0050	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 42" Wide (Starc S3-WM-42) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	1,162.89
10 22 23 23-0051	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Negative Air Management Panel, Expandable From 6'-10" To 10'-3", 18" Wide (Starc S3-AIR-24) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	1,250.98
10 22 23 23-0052	EA	Containment Wall/Dust Barrier, 42" Hinged Door (Starc S3-HD-42) Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset it not included.	1,838.15
10 22 23 23-0053	EA	Containment Wall/Dust Barrier, 42" Hinged Door With Handleset And Closer (Starc S3-HD-42H) Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset included.	2,484.05
10 22 23 23-0054	EA	Containment Wall/Dust Barrier, 54" Hinged Door With Handleset And Closer (Starc S3-HD-54H) Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset included.	2,718.92
10 22 23 23-0055	EA	Containment Wall/Dust Barrier, 42" Sliding Door With ICU Latch (Starc S3-SD-42) Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset included.	2,836.35
10 22 23 23-0056	EA	Containment Wall/Dust Barrier, 54" Sliding Door With ICU Latch (Starc S3-SD-54) Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset included.	3,012.51
10 22 23 23-0057	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Right Wall Interface (Starc S1-RWI) Note: Includes setting, leveling and plumbing of containment wall/dust barrier wall interface.	446.53
10 22 23 23-0058	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Left Wall Interface (Starc S1-LWI) Note: Includes setting, leveling and plumbing of containment wall/dust barrier wall interface.	446.53
10 22 23 23-0059	EA	Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Filler Panel Kit (Starc S1-FP) Note: Includes setting, leveling and plumbing of containment wall/dust barrier filler panel attachment rail. Actual filler material is not included.	223.42

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 23 23-0060	EA	Containment Wall/Dust Barrier, Wall Mounted Differential Pressure Monitor (Starc S1-RPM-RT1) Note: Includes installation of wall mounted differential pressure monitor for containment wall.	1,354.93	
10 22 23 23-0061	EA	Containment Wall/Dust Barrier, Accessories, Ceiling Grid Clip, 9/16" To 15/16" (Starc S1-FGC) Note: Includes attaching ceiling grid clip to containment barrier panel and ceiling grid	13.82	
10 22 23 23-0062	EA	Containment Wall/Dust Barrier, Accessories, Ceiling Grid Clip, Ultraline Grid (Starc S1-FGC-U) Note: Includes attaching ceiling grid clip to containment barrier panel and ceiling grid	13.23	
10 22 23 23-0063	EA	Containment Wall/Dust Barrier, Accessories, Flexible Corner, 15 To 90 Degrees (Starc S1-FC) Note: Includes setting, leveling and plumbing of containment wall/dust barrier flexible corner.	370.21	
10 22 23 23-0064	EA	Containment Wall/Dust Barrier, Accessories, Right Hand T-Intersection (Starc S1-OT-R) Note: Includes setting, leveling and plumbing of containment wall/dust barrier T intersection.	546.36	
10 22 23 23-0065	EA	Containment Wall/Dust Barrier, Accessories, Left Hand T-Intersection (Starc S1-OT-L) Note: Includes setting, leveling and plumbing of containment wall/dust barrier T intersection.	546.36	
10 22 23 23-0066	EA	Containment Wall/Dust Barrier, Accessories, T-Intersection Bracket (Starc S1-IT) Note: Includes setting, leveling and plumbing of containment wall/dust barrier T intersection bracket.	223.42	
10 22 23 23-0067	EA	Containment Wall/Dust Barrier, Accessories, Quad Screw Joiner Plate (Starc S1-JP) Note: Includes installation of quad screw joiner plate for containment barrier.	12.64	
10 22 23 23-0068	EA	Containment Wall/Dust Barrier, Accessories, Floor Panel Brace (Starc S3-FPB) Note: Includes installation of containment barrier floor panel brace.	235.16	
10 22 23 23-0069	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 12" Wide (Starc LB-WM-12) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	478.70	
10 22 23 23-0070	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 18" Wide (Starc LB-WM-18) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	546.36	
10 22 23 23-0071	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 24" Wide (Starc LB-WM-24) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	605.08	
10 22 23 23-0072	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 36" Wide (Starc LB-WM-36) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	722.51	
10 22 23 23-0073	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", 48" Wide (Starc LB-WM-48) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	810.59	
10 22 23 23-0074	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Negative Air Management Panel, 24" Wide (Starc LB-AIR-24) Note: Includes setting, leveling and plumbing of containment wall/dust barrier and extending barrier to ceiling height.	898.66	
10 22 23 23-0075	EA	Lightweight Containment Wall/Dust Barrier, 42" Hinged Door (Starc LB-HD-42H) Note: Includes setting, leveling and plumbing of containment wall/dust barrier door. Handleset and closer are included	1,656.13	
10 22 23 23-0076	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Right Wall Interface (Starc LB-RWI) Note: Includes setting, leveling and plumbing of containment wall/dust barrier wall interface.	311.48	
10 22 23 23-0077	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Left Wall Interface (Starc LB-LWI) Note: Includes setting, leveling and plumbing of containment wall/dust barrier wall interface.	311.48	
10 22 23 23-0078	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Right Wall Filler Panel (Starc LB-RFP) Note: Includes setting, leveling and plumbing of containment wall/dust barrier filler panel attachment rail. Actual filler material is not included.	264.51	
10 22 23 23-0079	EA	Lightweight Containment Wall/Dust Barrier, Expandable From 6'-10" To 10'-3", Left Wall Filler Panel (Starc LB-LFP) Note: Includes setting, leveling and plumbing of containment wall/dust barrier filler panel attachment rail. Actual filler material is not included.	264.51	
10 22 23 23-0080	EA	Lightweight Containment Wall/Dust Barrier, Accessories, Flexible Corner (Starc LB-FC) Note: Includes setting, leveling and plumbing of containment wall/dust barrier flexible corner.	340.85	

10 22 33 Accordion Folding Partitions *(10 22)*

10 22 33 00-0001 Accordion Doors/Partitions *(10 22 33)*

Note: Includes top support track and assembled panels.

10 22 33 00-0002	SF	15 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 1500)	87.21	4.74
		For <135, Add	*17.44*	
10 22 33 00-0003	SF	20 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 2000)	88.51	4.90
		For <135, Add	*17.70*	
10 22 33 00-0004	SF	31 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3100)	92.74	5.05
		For <135, Add	*18.55*	
10 22 33 00-0005	SF	35 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3500)	98.48	5.22
		For <135, Add	*19.70*	
10 22 33 00-0006	SF	39 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3900)	100.16	5.38
		For <135, Add	*20.03*	
10 22 33 00-0007	SF	40 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4000)	101.32	5.54
		For <135, Add	*20.26*	
10 22 33 00-0008	SF	41 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4100)	102.46	5.69
		For <135, Add	*20.49*	
10 22 33 00-0009	SF	45 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4500)	103.83	6.00
		For <135, Add	*20.77*	

10 22 43 Sliding Partitions *(10 22)*

10 22 43 00-0001 Operable Wall *(10 22 43)*

Note: Includes top support track, assembled panel and frames.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 43 00-0002	SF	Up To 720 SF, 12' Height Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	232.22	20.05
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*18.83*	
10 22 43 00-0003	SF	>720 To 1,200 SF, 12 High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	216.30	16.16
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*18.42*	
10 22 43 00-0004	SF	>1,200 SF, 12' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	204.51	13.40
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*18.03*	
10 22 43 00-0005	SF	Up To 1,080 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	198.59	14.10
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*17.14*	
10 22 43 00-0006	SF	>1,080 To 1,800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	186.28	11.45
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*16.66*	
10 22 43 00-0007	SF	>1,800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	178.95	10.32
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*16.26*	
10 22 43 00-0008	SF	Up To 1,440 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	176.68	11.12
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*15.74*	
10 22 43 00-0009	SF	>1,440 To 2,400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	167.23	9.51
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*15.24*	
10 22 43 00-0010	SF	>2,400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	160.70	8.47
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*14.85*	
10 22 43 00-0011	SF	Up To 160 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	176.07	13.40
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	*14.88*	
10 22 43 00-0012	SF	>160 To 240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	162.61	10.20
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	*14.48*	
10 22 43 00-0013	SF	>240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	154.77	8.59
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	*14.15*	

10 26 Wall and Door Protection *(10 20)*

10 26 13 Corner Guards *(10 26)*

10 26 13 00-0001 Vinyl Corner Guards *(10 26 13)*

10 26 13 00-0002 Rigid Vinyl Corner Guards *(10 26 13 00-0001)*

10 26 13 00-0003 Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0002)*

10 26 13 00-0004 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

10 26 13 00-0005	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34)	7.65	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.39*	
10 26 13 00-0006	LF	1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12)	8.29	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.43*	
10 26 13 00-0007	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13)	11.83	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.60*	
10 26 13 00-0008	LF	4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14)	16.26	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.83*	

10 26 13 00-0009 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

10 26 13 00-0010	LF	1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245)	15.46	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.79*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0011		Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0001)* Note: Includes closure caps.		
10 26 13 00-0012		Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0011)*		
10 26 13 00-0013		90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*		
10 26 13 00-0014	LF	2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20)	14.74	4.52
		For >50 To 100, Deduct	*-1.88*	
		For >100 To 200, Deduct	*-2.64*	
		For >200, Deduct	*-3.75*	
		For Recycled Vinyl Retainer, Deduct	*-1.44*	
10 26 13 00-0015	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10)	16.71	4.52
		For >50 To 100, Deduct	*-1.88*	
		For >100 To 200, Deduct	*-2.64*	
		For >200, Deduct	*-3.85*	
		For Recycled Vinyl Retainer, Deduct	*-1.84*	
10 26 13 00-0016	LF	Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30)	18.67	4.52
		For >50 To 100, Deduct	*-1.88*	
		For >100 To 200, Deduct	*-2.64*	
		For >200, Deduct	*-3.95*	
		For Recycled Vinyl Retainer, Deduct	*-2.23*	
10 26 13 00-0017		135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*		
10 26 13 00-0018	LF	3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135)	22.36	4.52
		For >50 To 100, Deduct	*-1.88*	
		For >100 To 200, Deduct	*-2.64*	
		For >200, Deduct	*-4.13*	
		For Recycled Vinyl Retainer, Deduct	*-2.97*	
10 26 13 00-0019		End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)* Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0020	LF	2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11)	31.94	6.03
		For >50 To 100, Deduct	*-2.51*	
		For >100 To 200, Deduct	*-3.52*	
		For >200, Deduct	*-5.62*	
		For Recycled Vinyl Retainer, Deduct	*-4.38*	
10 26 13 00-0021		Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0011)*		
10 26 13 00-0022		90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*		
10 26 13 00-0023	LF	2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72)	20.40	4.52
		For >50 To 100, Deduct	*-1.88*	
		For >100 To 200, Deduct	*-2.64*	
		For >200, Deduct	*-4.03*	
		For Up To 2 HR Fire Rated, Add	*9.01*	
10 26 13 00-0024	LF	3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7)	25.07	4.52
		For >50 To 100, Deduct	*-1.88*	
		For >100 To 200, Deduct	*-2.64*	
		For >200, Deduct	*-4.27*	
		For Up To 2 HR Fire Rated, Add	*12.28*	
10 26 13 00-0025	LF	Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32)	23.06	4.52
		For >50 To 100, Deduct	*-1.88*	
		For >100 To 200, Deduct	*-2.64*	
		For >200, Deduct	*-4.17*	
		For Up To 2 HR Fire Rated, Add	*10.87*	
10 26 13 00-0026		135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*		
10 26 13 00-0027	LF	3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75)	27.06	4.52
		For >50 To 100, Deduct	*-1.88*	
		For >100 To 200, Deduct	*-2.64*	
		For >200, Deduct	*-4.37*	
		For Up To 2 HR Fire Rated, Add	*13.67*	
10 26 13 00-0028		End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)* Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0029	LF	2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888)	58.46	6.03
		For >50 To 100, Deduct	*-2.51*	
		For >100 To 200, Deduct	*-3.52*	
		For >200, Deduct	*-6.94*	
		For Up To 2 HR Fire Rated, Add	*33.89*	

10 26 13 00-0030 Flexible Vinyl Corner Guards *(10 26 13 00-0001)*

Note: Includes adhesive for installation.

10 26 13 00-0031 Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0030)*

10 26 13 00-0032 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0031)*

10 26 13 00-0033	LF	1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9)	11.10	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.57*	
		For Bolting To Concrete Or Masonry, Add	*2.42*	
10 26 13 00-0034	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3)	14.61	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.74*	
		For Bolting To Concrete Or Masonry, Add	*2.95*	
10 26 13 00-0035	LF	4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15)	17.46	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.89*	
		For Bolting To Concrete Or Masonry, Add	*3.37*	

10 26 13 00-0036 Polycarbonate Corner Guards *(10 26 13)*

10 26 13 00-0037 Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0036)*

10 26 13 00-0038 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)*

10 26 13 00-0039	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16)	6.86	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.36*	
10 26 13 00-0040	LF	1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17)	8.58	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.44*	
10 26 13 00-0041	LF	2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24)	10.59	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.54*	
10 26 13 00-0042	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18)	11.80	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.60*	
10 26 13 00-0043	LF	Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23)	11.35	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.58*	

10 26 13 00-0044 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)*

10 26 13 00-0045	LF	2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19)	11.80	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.60*	

10 26 13 00-0046 Aluminum Corner Guards *(10 26 13)*

10 26 13 00-0047 Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0046)*

10 26 13 00-0048 90 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)*

10 26 13 00-0049	LF	1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400)	10.35	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.53*	
10 26 13 00-0050	LF	2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401)	12.67	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.65*	
10 26 13 00-0051	LF	3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402)	14.11	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.72*	

10 26 13 00-0052 135 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0053	LF	1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403)	10.35	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.53*	
10 26 13 00-0054	LF	2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404)	12.67	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.65*	
10 26 13 00-0055	LF	3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405)	14.11	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.72*	
10 26 13 00-0056		Steel Corner Guards *(10 26 13)*		
10 26 13 00-0057		Steel Angle Iron, Corner Guards *(10 26 13 00-0056)*		
10 26 13 00-0058		Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0057)*		
10 26 13 00-0059		90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0058)*		
10 26 13 00-0060	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	13.55	3.62
		For Galvanizing, Add	*2.63*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 200, Deduct	*-2.11*	
		For >200, Deduct	*-3.09*	
10 26 13 00-0061	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	17.51	3.92
		For Galvanizing, Add	*3.84*	
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 200, Deduct	*-2.29*	
		For >200, Deduct	*-3.49*	
10 26 13 00-0062	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	18.65	4.07
		For Galvanizing, Add	*4.15*	
		For >50 To 100, Deduct	*-1.70*	
		For >100 To 200, Deduct	*-2.37*	
		For >200, Deduct	*-3.64*	
10 26 13 00-0063	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	19.05	4.22
		For Galvanizing, Add	*4.21*	
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 200, Deduct	*-2.46*	
		For >200, Deduct	*-3.76*	
10 26 13 00-0064	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	24.09	4.37
		For Galvanizing, Add	*5.88*	
		For >50 To 100, Deduct	*-1.82*	
		For >100 To 200, Deduct	*-2.55*	
		For >200, Deduct	*-4.12*	
10 26 13 00-0065	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	29.15	4.52
		For Galvanizing, Add	*7.57*	
		For >50 To 100, Deduct	*-1.88*	
		For >100 To 200, Deduct	*-2.64*	
		For >200, Deduct	*-4.47*	
10 26 13 00-0066	LF	6" x 6" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	50.39	6.03
		For Galvanizing, Add	*14.12*	
		For >50 To 100, Deduct	*-2.51*	
		For >100 To 200, Deduct	*-3.52*	
		For >200, Deduct	*-6.54*	
10 26 13 00-0067		Stainless Steel Corner Guards *(10 26 13)*		
10 26 13 00-0068		Stainless Steel Corner Guards *(10 26 13 00-0067)*		
		Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.		
10 26 13 00-0069		Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0068)*		
10 26 13 00-0070		90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*		
10 26 13 00-0071	LF	1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520)	11.67	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.60*	
10 26 13 00-0072	LF	2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510)	13.71	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.70*	
10 26 13 00-0073	LF	3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500)	19.03	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.96*	
10 26 13 00-0074	LF	Bullnose 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550)	19.03	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.96*	
10 26 13 00-0075		135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0076	LF	3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600)	19.03	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.96*	
10 26 13 00-0077	LF	Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650)	19.03	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-2.96*	
10 26 13 00-0078		Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0067)*		
10 26 13 00-0079		Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0078)*		
10 26 13 00-0080		90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0079)*		
10 26 13 00-0081	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	23.40	3.62
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 200, Deduct	*-2.11*	
		For >200, Deduct	*-3.58*	
10 26 13 00-0082	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	39.46	3.92
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 200, Deduct	*-2.29*	
		For >200, Deduct	*-4.59*	
10 26 13 00-0083	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	55.55	4.07
		For >50 To 100, Deduct	*-1.70*	
		For >100 To 200, Deduct	*-2.37*	
		For >200, Deduct	*-5.49*	
10 26 13 00-0084	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	51.75	4.22
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 200, Deduct	*-2.46*	
		For >200, Deduct	*-5.40*	
10 26 13 00-0085	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	74.41	4.37
		For >50 To 100, Deduct	*-1.82*	
		For >100 To 200, Deduct	*-2.55*	
		For >200, Deduct	*-6.63*	
10 26 13 00-0086	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	68.61	4.52
		For >50 To 100, Deduct	*-1.88*	
		For >100 To 200, Deduct	*-2.64*	
		For >200, Deduct	*-6.44*	
10 26 13 00-0087		Rubber Corner Guards *(10 26 13)* Note: Includes adhesive for installation.		
10 26 13 00-0088		Natural Rubber Corner Guards *(10 26 13 00-0087)*		
10 26 13 00-0089		Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0088)*		
10 26 13 00-0090		90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0089)*		
10 26 13 00-0091	LF	4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5)	57.62	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-4.89*	
		For Bolting To Concrete Or Masonry, Add	*9.40*	
10 26 13 00-0092		Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0087)*		
10 26 13 00-0093		Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0092)*		
10 26 13 00-0094		90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0093)*		
10 26 13 00-0095	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guard (Pawling CG-2)	25.23	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-3.27*	
		For Bolting To Concrete Or Masonry, Add	*4.54*	
10 26 13 00-0096		Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0087)*		
10 26 13 00-0097		Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0096)*		
10 26 13 00-0098		90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0097)*		
10 26 13 00-0099	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guard (Pawling CG-2E)	21.99	3.01
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 200, Deduct	*-1.76*	
		For >200, Deduct	*-3.11*	
		For Bolting To Concrete Or Masonry, Add	*4.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16		**Bumper Guards** *(10 26)*		
10 26 16 13		**Bumper Rails** *(10 26 16)*		
10 26 16 13-0001		Crash Rails *(10 26 16 13)* Note: Includes end caps.		
10 26 16 13-0002		Polycarbonate Crash Rails *(10 26 16 13-0001)*		
10 26 16 13-0003	LF	3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3)	12.33	4.02
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-3.83*	
10 26 16 13-0004	LF	4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4)	13.85	4.02
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-3.91*	
10 26 16 13-0005		Aluminum Crash Rails *(10 26 16 13-0001)*		
10 26 16 13-0006	LF	4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100)	40.31	4.02
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-5.23*	
10 26 16 13-0007		Stainless Steel Crash Rails *(10 26 16 13-0001)*		
10 26 16 13-0008	LF	4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100)	72.59	4.02
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-6.85*	
10 26 16 13-0009	LF	5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200)	56.45	4.02
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-6.04*	
10 26 16 13-0010		Wall Guards *(10 26 16 13)*		
10 26 16 13-0011		Rigid Vinyl Wall Guards With Aluminum Retainers *(10 26 16 13-0010)* Note: Includes end caps.		
10 26 16 13-0012	LF	1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1)	13.09	3.52
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 200, Deduct	*-2.46*	
		For >200, Deduct	*-3.47*	
10 26 16 13-0013	LF	3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3)	16.08	4.02
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-4.02*	
10 26 16 13-0014	LF	4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4)	17.59	4.02
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-4.10*	
10 26 16 13-0015	LF	5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5)	18.40	4.02
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-4.14*	
10 26 16 13-0016	LF	6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6)	22.26	4.27
		For >50 To 100, Deduct	*-2.14*	
		For >100 To 200, Deduct	*-2.99*	
		For >200, Deduct	*-4.53*	
10 26 16 13-0017	LF	8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7)	22.39	4.27
		For >50 To 100, Deduct	*-2.14*	
		For >100 To 200, Deduct	*-2.99*	
		For >200, Deduct	*-4.54*	
10 26 16 13-0018	LF	7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8)	23.12	4.27
		For >50 To 100, Deduct	*-2.14*	
		For >100 To 200, Deduct	*-2.99*	
		For >200, Deduct	*-4.57*	
10 26 16 13-0019	LF	12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12)	28.15	4.52
		For >50 To 100, Deduct	*-2.26*	
		For >100 To 200, Deduct	*-3.16*	
		For >200, Deduct	*-5.02*	
10 26 16 13-0020		Rubber Wall Guards *(10 26 16 13-0010)*		
10 26 16 13-0021		D-Shaped, Rubber Wall Guards *(10 26 16 13-0020)*		
10 26 16 13-0022	LF	2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2)	18.25	3.52
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 200, Deduct	*-2.46*	
		For >200, Deduct	*-3.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0023	LF	3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3)	27.40	4.02
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-4.59*	
10 26 16 13-0024	LF	4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4)	41.36	4.02
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-5.28*	
10 26 16 13-0025	LF	6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6)	58.95	4.02
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-6.16*	
10 26 16 13-0026		**Rectangular, Rubber Wall Guards** *(10 26 16 13-0020)*		
10 26 16 13-0027	LF	8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1)	44.28	4.27
		For >50 To 100, Deduct	*-2.14*	
		For >100 To 200, Deduct	*-2.99*	
		For >200, Deduct	*-5.63*	
10 26 16 13-0028	LF	9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2)	56.32	4.52
		For >50 To 100, Deduct	*-2.26*	
		For >100 To 200, Deduct	*-3.16*	
		For >200, Deduct	*-6.43*	
10 26 16 13-0029		**Wing Type, Rubber Wall Guards** *(10 26 16 13-0020)*		
10 26 16 13-0030	LF	6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20)	74.20	4.02
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-6.93*	
10 26 16 13-0031	LF	6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30)	79.04	4.02
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-7.17*	
10 26 16 13-0032	LF	3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25)	35.24	3.52
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 200, Deduct	*-2.46*	
		For >200, Deduct	*-4.57*	
10 26 16 13-0033		**U-Shaped, Rubber Wall Guards** *(10 26 16 13-0020)*		
10 26 16 13-0034	LF	3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4)	62.20	4.27
		For >50 To 100, Deduct	*-2.14*	
		For >100 To 200, Deduct	*-2.99*	
		For >200, Deduct	*-6.53*	
10 26 16 13-0035	LF	4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3)	69.86	4.27
		For >50 To 100, Deduct	*-2.14*	
		For >100 To 200, Deduct	*-2.99*	
		For >200, Deduct	*-6.91*	
10 26 16 13-0036		**Accent Rails** *(10 26 16 13)*		
		Note: Includes end caps.		
10 26 16 13-0037		**Oval, Rigid Vinyl Accent Rails With Aluminum Retainers** *(10 26 16 13-0036)*		
10 26 16 13-0038	LF	1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25)	15.72	3.52
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 200, Deduct	*-2.46*	
		For >200, Deduct	*-3.60*	
10 26 16 13-0039	LF	2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30)	15.75	3.52
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 200, Deduct	*-2.46*	
		For >200, Deduct	*-3.60*	
10 26 16 13-0040	LF	2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22)	23.19	3.52
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 200, Deduct	*-2.46*	
		For >200, Deduct	*-3.97*	
10 26 16 16		**Protective Corridor Handrails** *(10 26 16)*		
10 26 16 16-0001		**Protective Corridor Handrails** *(10 26 16 16)*		
10 26 16 16-0002		**Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers** *(10 26 16 16-0001)*		
10 26 16 16-0003	LF	1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN)	28.14	7.53
		For >50 To 100, Deduct	*-3.77*	
		For >100 To 200, Deduct	*-5.27*	
		For >200, Deduct	*-7.44*	
10 26 16 16-0004	EA	End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	24.41	7.53
		For >25 To 50, Deduct	*-3.77*	
		For >50 To 100, Deduct	*-5.27*	
		For >100, Deduct	*-7.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 16-0005	LF	5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C)	39.35	7.53
		For >50 To 100, Deduct	*-3.77*	
		For >100 To 200, Deduct	*-5.27*	
		For >200, Deduct	*-8.00*	
10 26 16 16-0006	EA	End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	31.88	7.53
		For >25 To 50, Deduct	*-3.77*	
		For >50 To 100, Deduct	*-5.27*	
		For >100, Deduct	*-7.62*	
10 26 16 16-0007	LF	6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN)	41.22	7.53
		For >50 To 100, Deduct	*-3.77*	
		For >100 To 200, Deduct	*-5.27*	
		For >200, Deduct	*-8.09*	
10 26 16 16-0008	EA	End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn)	44.95	7.53
		For >25 To 50, Deduct	*-3.77*	
		For >50 To 100, Deduct	*-5.27*	
		For >100, Deduct	*-8.28*	
10 26 16 16-0009	LF	6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN)	54.29	7.53
		For >50 To 100, Deduct	*-3.77*	
		For >100 To 200, Deduct	*-5.27*	
		For >200, Deduct	*-8.74*	
10 26 16 16-0010	EA	End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	59.90	7.53
		For >25 To 50, Deduct	*-3.77*	
		For >50 To 100, Deduct	*-5.27*	
		For >100, Deduct	*-9.02*	
10 26 16 16-0011		Stainless Steel Protective Corridor Handrails *(10 26 16 16-0001)*		
10 26 16 16-0012	LF	5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS)	72.97	7.53
		For >50 To 100, Deduct	*-3.77*	
		For >100 To 200, Deduct	*-5.27*	
		For >200, Deduct	*-9.68*	
10 26 16 16-0013	EA	End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn)	74.84	7.53
		For >25 To 50, Deduct	*-3.77*	
		For >50 To 100, Deduct	*-5.27*	
		For >100, Deduct	*-9.77*	
10 26 16 16-0014		Hardwood Protective Corridor Handrails *(10 26 16 16-0001)*		
		Note: Includes end caps.		
10 26 16 16-0015	LF	4" High, Vinyl Protective Corridor Handrail With 1-1/2" Diameter Wood (Pawling BR-400C)	32.54	5.71
		For >50 To 100, Deduct	*-2.86*	
		For >100 To 200, Deduct	*-4.00*	
		For >200, Deduct	*-6.20*	
		For Maple, Add	*0.63*	
10 26 16 16-0016	LF	5-1/2" Diameter, Hardwood Protective Corridor Handrail With Vinyl Inserts (Pawling BR-5500)	39.32	6.09
		For >50 To 100, Deduct	*-3.05*	
		For >100 To 200, Deduct	*-4.26*	
		For >200, Deduct	*-6.84*	
10 26 16 16-0017	LF	1-1/2" Diameter, Hardwood Protective Corridor Handrail (Pawling BR-1500)	28.03	5.71
		For >50 To 100, Deduct	*-2.86*	
		For >100 To 200, Deduct	*-4.00*	
		For >200, Deduct	*-5.97*	
		For Maple, Add	*7.14*	
		For Oak, Add	*7.97*	
10 26 23		**Protective Wall Covering** *(10 26)*		
10 26 23 13		**Impact Resistant Wall Protection** *(10 26 23)*		
10 26 23 13-0001		Impact Resistant Wall Protection *(10 26 23 13)*		
		Note: Includes standard trim.		
10 26 23 13-0002	SF	0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30)	8.24	2.51
10 26 23 13-0003	SF	0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40)	8.63	2.51
10 26 23 13-0004	SF	0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60)	10.90	2.51
10 26 23 13-0005		Interior Polyvinyl Chloride (PVC) Soffit System *(10 26 23 13)*		
		Note: DecoShield Systems, Inc. Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit.		
10 26 23 13-0006		"L" Design *(10 26 23 13-0005)*		
10 26 23 13-0007		L-Shield *(10 26 23 13-0006)*		
10 26 23 13-0008	LF	2.38" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe	15.53	2.51
10 26 23 13-0009	LF	3" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" And 1-1/2" Pipe	17.79	3.52
10 26 23 13-0010	LF	3.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 2" Pipe	23.40	4.52
10 26 23 13-0011	LF	5.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2-1/2" Shield Size For 2-1/2" Pipe	32.32	5.53
10 26 23 13-0012		"Combo" Hanger *(10 26 23 13-0006)*		
10 26 23 13-0013	EA	Combination "Combo" Hanger, L-Support, For 3/4" Pipe	16.47	5.03
10 26 23 13-0014	EA	Combination "Combo" Hanger, L-Support, For 1" Pipe	18.98	6.04
10 26 23 13-0015	EA	Combination "Combo" Hanger, L-Support, For 1-1/4" Pipe	21.89	7.03
10 26 23 13-0016	EA	Combination "Combo" Hanger, L-Support, For 1-1/2" Pipe	24.28	8.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0017	EA	Combination "Combo" Hanger, L-Support, For 2" Pipe	27.20	9.05
10 26 23 13-0018		**Snap-2 Pipe Hanger** *(10 26 23 13-0006)*		
10 26 23 13-0019	EA	Snap-2 Pipe Hanger, L-Support, For 3/4" Pipe	13.39	5.03
10 26 23 13-0020	EA	Snap-2 Pipe Hanger, L-Support, For 1" Pipe	16.29	6.04
10 26 23 13-0021	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/4" Pipe	18.95	7.03
10 26 23 13-0022	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/2" Pipe	22.10	8.04
10 26 23 13-0023	EA	Snap-2 Pipe Hanger, L-Support, For 2" Pipe	25.40	9.05
10 26 23 13-0024		**Coupling** *(10 26 23 13-0006)*		
10 26 23 13-0025	EA	Coupling, L-Shield, 1" Shield Size	9.00	2.51
10 26 23 13-0026	EA	Coupling, L-Shield, 1-1/4" Shield Size	13.05	3.52
10 26 23 13-0027	EA	Coupling, L-Shield, 2" Shield Size	18.91	4.52
10 26 23 13-0028	EA	Coupling, L-Shield, 2-1/2" Shield Size	23.73	5.53
10 26 23 13-0029		**Coupling, Reducer** *(10 26 23 13-0006)*		
10 26 23 13-0030	EA	Coupling, Reducing, L-Shield, 1-1/4" x 1" Shield Size	26.54	3.01
10 26 23 13-0031	EA	Coupling, Reducing, L-Shield, 2" x 1" Shield Size	32.65	3.52
10 26 23 13-0032	EA	Coupling, Reducing, L-Shield, 2" x 1-1/4" Shield Size	38.79	4.02
10 26 23 13-0033	EA	Coupling, Reducing, L-Shield, 2-1/2" x 2" Shield Size	154.56	5.03
10 26 23 13-0034		**Shield Clips** *(10 26 23 13-0006)*		
10 26 23 13-0035	EA	Shield Clips, L-Support, 1" Shield Size	5.44	1.51
10 26 23 13-0036	EA	Shield Clips, L-Support, 1-1/4" Shield Size	8.10	2.51
10 26 23 13-0037	EA	Shield Clips, L-Support, 2" Shield Size	10.62	3.52
10 26 23 13-0038	EA	Shield Clips, L-Support, 2-1/2" Shield Size	11.87	4.52
10 26 23 13-0039		**Wall Flange** *(10 26 23 13-0006)*		
10 26 23 13-0040	EA	Wall Flange, L-Shield, 1" Shield Size	8.75	2.51
10 26 23 13-0041	EA	Wall Flange, L-Shield, 1-1/4" Shield Size	12.54	3.52
10 26 23 13-0042	EA	Wall Flange, L-Shield, 2" Shield Size	18.40	4.52
10 26 23 13-0043	EA	Wall Flange, L-Shield, 2-1/2" Shield Size	79.79	5.53
10 26 23 13-0044		**End Cap** *(10 26 23 13-0006)*		
10 26 23 13-0045	EA	End Cap, L-Shield, 1" Shield Size	9.29	1.51
10 26 23 13-0046	EA	End Cap, L-Shield, 1-1/4" Shield Size	12.20	2.51
10 26 23 13-0047	EA	End Cap, L-Shield, 2" Shield Size	16.89	3.52
10 26 23 13-0048	EA	End Cap, L-Shield, 2-1/2" Shield Size	81.56	4.52
10 26 23 13-0049		**Inside/Outside Corner** *(10 26 23 13-0006)*		
10 26 23 13-0050	EA	Inside/Outside Corner, L-Shield, 1" Shield Size	59.12	5.03
10 26 23 13-0051	EA	Inside/Outside Corner, L-Shield, 1-1/4" Shield Size	63.56	6.04
10 26 23 13-0052	EA	Inside/Outside Corner, L-Shield, 2" Shield Size	76.70	7.54
10 26 23 13-0053	EA	Inside/Outside Corner, L-Shield, 2-1/2" Shield Size	135.32	9.05
10 26 23 13-0054		**Joiner** *(10 26 23 13-0006)*		
10 26 23 13-0055	LF	Joiner, L-Shield	12.11	1.51
10 26 23 13-0056		**"U" Design** *(10 26 23 13-0005)*		
10 26 23 13-0057		**U-Shield** *(10 26 23 13-0056)*		
10 26 23 13-0058	LF	2.25" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe	18.87	2.51
10 26 23 13-0059	LF	2.875" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" Pipe	23.43	3.52
10 26 23 13-0060	LF	3.68" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 1-1/2" And 2" Pipe	29.93	3.52
10 26 23 13-0061		**"Combo" Hanger** *(10 26 23 13-0056)*		
10 26 23 13-0062	EA	Combination "Combo" Hanger, U-Support For 3/4" Pipe	14.03	5.03
10 26 23 13-0063	EA	Combination "Combo" Hanger, U-Support For 1" Pipe	16.67	6.04
10 26 23 13-0064	EA	Combination "Combo" Hanger, U-Support For 1-1/4" Pipe	19.20	7.03
10 26 23 13-0065	EA	Combination "Combo" Hanger, U-Support For 1-1/2" Pipe	23.89	8.04
10 26 23 13-0066	EA	Combination "Combo" Hanger, U-Support For 2" Pipe	27.07	9.05
10 26 23 13-0067		**Snap-2 Pipe Hanger** *(10 26 23 13-0056)*		
10 26 23 13-0068	EA	Snap-2 Pipe Hanger, U-Support, For 3/4" Pipe	13.13	5.03
10 26 23 13-0069	EA	Snap-2 Pipe Hanger, U-Support, For 1" Pipe	16.03	6.04
10 26 23 13-0070	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/4" Pipe	19.59	7.03
10 26 23 13-0071	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/2" Pipe	21.84	8.04
10 26 23 13-0072	EA	Snap-2 Pipe Hanger, U-Support, For 2" Pipe	25.27	9.05

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0073		**Coupling** *(10 26 23 13-0056)*		
10 26 23 13-0074	EA	Coupling, U-Shield, 1" Shield Size	10.79	2.51
10 26 23 13-0075	EA	Coupling, U-Shield, 1-1/4" Shield Size	13.44	3.52
10 26 23 13-0076	EA	Coupling, U-Shield, 2" Shield Size	16.35	4.52
10 26 23 13-0077		**Coupling, Reducer** *(10 26 23 13-0056)*		
10 26 23 13-0078	EA	Reducing Coupling, U-Shield, 1-1/4" x 1" Shield Size	31.66	3.01
10 26 23 13-0079	EA	Reducing Coupling, U-Shield, 2" x 1" Shield Size	37.78	3.52
10 26 23 13-0080	EA	Reducing Coupling, U-Shield, 2" x 1-1/4" Shield Size	40.07	4.02
10 26 23 13-0081		**Shield Clips** *(10 26 23 13-0056)*		
10 26 23 13-0082	EA	Shield Clips, U-Support, 1" Shield Size	4.93	1.51
10 26 23 13-0083	EA	Shield Clips, U-Support, 1-1/4" Shield Size	7.21	2.51
10 26 23 13-0084	EA	Shield Clips, U-Support, 2" Shield Size	9.46	3.52
10 26 23 13-0085		**Wall Flange** *(10 26 23 13-0056)*		
10 26 23 13-0086	EA	Wall Flange, U-Shield, 1" Shield Size	10.41	2.51
10 26 23 13-0087	EA	Wall Flange, U-Shield, 1-1/4" Shield Size	13.31	3.52
10 26 23 13-0088	EA	Wall Flange, U-Shield, 2" Shield Size	16.22	4.52
10 26 23 13-0089		**End Cap** *(10 26 23 13-0056)*		
10 26 23 13-0090	EA	End Cap, U-Shield, 1" Shield Size	9.93	1.51
10 26 23 13-0091	EA	End Cap, U-Shield, 1-1/4" Shield Size	13.23	2.51
10 26 23 13-0092	EA	End Cap, U-Shield, 2" Shield Size	16.38	3.52
10 26 23 13-0093		**Inside/Outside Corner** *(10 26 23 13-0056)*		
10 26 23 13-0094	EA	Inside/Outside Corner, U-Shield, 1" Shield Size	74.62	5.03
10 26 23 13-0095	EA	Inside/Outside Corner, U-Shield, 1-1/4" Shield Size	82.90	6.04
10 26 23 13-0096	EA	Inside/Outside Corner, U-Shield, 2" Shield Size	97.96	7.54
10 26 23 13-0097		**Elbow** *(10 26 23 13-0056)*		
10 26 23 13-0098	EA	Elbow, U-Shield, 1" Shield Size	73.22	5.03
10 26 23 13-0099	EA	Elbow, U-Shield, 1-1/4" Shield Size	80.34	6.04
10 26 23 13-0100	EA	Elbow, U-Shield, 2" Shield Size	95.53	7.54
10 26 23 13-0101		**Tee** *(10 26 23 13-0056)*		
10 26 23 13-0102	EA	Tee, U-Shield, 1" x 1" x 1" Shield Size	92.33	7.54
10 26 23 13-0103	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1-1/4" Shield Size	102.52	9.05
10 26 23 13-0104	EA	Tee, U-Shield, 2" x 2" x 2" Shield Size	119.61	11.05
10 26 23 13-0105	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1" Shield Size	122.14	8.55
10 26 23 13-0106	EA	Tee, U-Shield, 2" x 2" x 1-1/4" Shield Size	131.41	10.56
10 26 23 13-0107		**Cross** *(10 26 23 13-0056)*		
10 26 23 13-0108	EA	Cross, U-Shield, 1" Shield Size	168.06	10.06
10 26 23 13-0109	EA	Cross, U-Shield, 1-1/4" Shield Size	188.09	12.06
10 26 23 13-0110	EA	Cross, U-Shield, 2" Shield Size	228.47	15.08
10 26 23 13-0111	EA	Cross, U-Shield, 1-1/4" x 1" Shield Size	231.19	11.05
10 26 23 13-0112	EA	Cross, U-Shield, 2" x 1-1/4" Shield Size	253.90	13.57
10 26 23 13-0113		**Transition Fittings (L to U Or U to L)** *(10 26 23 13-0005)*		
10 26 23 13-0114		**Coupling Transition** *(10 26 23 13-0113)*		
10 26 23 13-0115	EA	Transition Coupling, 1" x 1", LxU or UxL	28.35	2.51
10 26 23 13-0116	EA	Transition Coupling, 1-1/4" x 1-1/4", LxU or UxL	31.88	3.52
10 26 23 13-0117	EA	Transition Coupling, 2" x 2", LxU or UxL	39.67	4.52
10 26 23 13-0118	EA	Transition Coupling, 1" x 1-1/4", LxU or UxL	32.05	3.01
10 26 23 13-0119	EA	Transition Coupling, 1-1/4" x 2", LxU or UxL	39.81	4.02
10 26 23 13-0120	EA	Transition Coupling, 2" x 2-1/2", LxU or UxL	161.86	5.03
10 26 23 13-0121		**Elbow Transition** *(10 26 23 13-0113)*		
10 26 23 13-0122	EA	Transition Elbow, 1" x 1" (UxL)	98.96	5.03
10 26 23 13-0123	EA	Transition Elbow, 1-1/4" x 1-1/4" (UxL)	107.11	6.04
10 26 23 13-0124	EA	Transition Elbow, 2" x 2" (UxL)	125.51	7.54
10 26 23 13-0125	EA	Transition Elbow, 1" x 1-1/4" (UxL)	154.53	5.53
10 26 23 13-0126	EA	Transition Elbow, 1-1/4" x 1" (UxL)	108.92	5.53
10 26 23 13-0127	EA	Transition Elbow, 1-1/4" x 2" (UxL)	162.94	7.03
10 26 23 13-0128	EA	Transition Elbow, 2" x 1-1/4" (UxL)	125.92	7.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0129	EA	Transition Elbow, 2" x 2-1/2" (UxL)	195.94	8.04
10 26 23 13-0130		**Tee Transition** *(10 26 23 13-0113)*		
10 26 23 13-0131	EA	Transition Tee, 1" x 1" x 1" (LxLxU)	112.95	7.54
10 26 23 13-0132	EA	Transition Tee, 1-1/4" x 1-1/4" x 1-1/4" (LxLxU)	130.58	9.05
10 26 23 13-0133	EA	Transition Tee, 2" x 2" x 2" (LxLxU)	151.76	11.05
10 26 23 13-0134	EA	Transition Tee, 1-1/4" x 1-1/4" x 1" (LxLxU)	119.19	8.55
10 26 23 13-0135	EA	Transition Tee, 1-1/4" x 1-1/4" x 2" (LxLxU)	188.20	9.55
10 26 23 13-0136	EA	Transition Tee, 2" x 2" x 1-1/4" (LxLxU)	132.56	10.56
10 26 23 13-0137	EA	Transition Tee, 2-1/2" x 2-1/2" x 2" (LxLxU)	181.42	12.57
10 26 23 13-0138		**Fittings (L Or U)** *(10 26 23 13-0005)*		
10 26 23 13-0139		**Hugger Hangers For Steel Pipe** *(10 26 23 13-0138)*		
10 26 23 13-0140	EA	Hugger Hanger, For 1/2" Steel Pipe	10.73	4.02
10 26 23 13-0141	EA	Hugger Hanger, For 3/4" Steel Pipe	13.39	5.03
10 26 23 13-0142	EA	Hugger Hanger, For 1" Steel Pipe	15.65	6.04
10 26 23 13-0143	EA	Hugger Hanger, For 1-1/4" Steel Pipe	18.05	7.03
10 26 23 13-0144	EA	Hugger Hanger, For 1-1/2" Steel Pipe	20.31	8.04
10 26 23 13-0145	EA	Hugger Hanger, For 2" Steel Pipe	22.84	8.04
10 26 23 13-0146	EA	Hugger Hanger, For 2-1/2" Steel Pipe	25.10	10.06
10 26 23 13-0147	EA	Hugger Hanger, For 3" Steel Pipe	31.86	11.05
10 26 23 13-0148		**Hugger Hangers For Copper Pipe** *(10 26 23 13-0138)*		
10 26 23 13-0149	EA	1/2" Copper Pipe, Hugger Hanger	10.86	4.02
10 26 23 13-0150	EA	3/4" Copper Pipe, Hugger Hanger	13.52	5.03
10 26 23 13-0151	EA	1" Copper Pipe, Hugger Hanger	15.78	6.04
10 26 23 13-0152	EA	1-1/4" Copper Pipe, Hugger Hanger	18.18	7.03
10 26 23 13-0153	EA	1-1/2" Copper Pipe, Hugger Hanger	20.44	8.04
10 26 23 13-0154	EA	2" Copper Pipe, Hugger Hanger	23.10	9.05
10 26 23 13-0155	EA	2-1/2" Copper Pipe, Hugger Hanger	25.35	10.06
10 26 23 13-0156	EA	3" Copper Pipe, Hugger Hanger	32.24	11.05
10 26 23 13-0157		**Shield Extension (L Or U)** *(10 26 23 13-0138)*		
10 26 23 13-0158	LF	Shield Extension	14.80	1.51
10 26 23 13-0159		**Interior Steel Soffit System** *(10 26 23 13)*		
		Note: Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit. Includes factory painted finish and field touch-up.		
10 26 23 13-0160	SF	24 Gauge Steel, U-Shield (JG Innovations Soffi-Steel)	27.66	4.52
		For 22 Gauge Steel, Add	*1.86*	
		For 20 Gauge Steel, Add	*3.98*	
		For 18 Gauge Steel, Add	*7.82*	
		For 16 Gauge Steel, Add	*12.00*	
		For Stainless Steel, Add	*4.65*	
10 26 23 13-0161	EA	U-Shield Wall Flange (JG Innovations Soffi-Steel)	42.09	12.57
		For Stainless Steel, Add	*4.24*	
10 26 23 13-0162	EA	U-Shield Corner (JG Innovations Soffi-Steel)	110.33	15.08
		For Stainless Steel, Add	*19.79*	
10 26 23 13-0163	EA	U-Shield End Cap (JG Innovations Soffi-Steel)	33.17	7.54
		For Stainless Steel, Add	*4.52*	
10 26 23 13-0164	EA	U-Shield Clip (JG Innovations Soffi-Steel)	6.76	3.01
		For Stainless Steel, Add	*0.18*	
10 26 23 13-0165	SF	24 Gauge Steel, L-Shield (JG Innovations Soffi-Steel)	31.63	4.52
		For 22 Gauge Steel, Add	*1.69*	
		For 20 Gauge Steel, Add	*3.61*	
		For 18 Gauge Steel, Add	*7.00*	
		For 16 Gauge Steel, Add	*11.74*	
		For Stainless Steel, Add	*5.65*	
10 26 23 13-0166	EA	L-Shield Wall Flange (JG Innovations Soffi-Steel)	42.09	12.57
		For Stainless Steel, Add	*4.24*	
10 26 23 13-0167	EA	L-Shield Corner (JG Innovations Soffi-Steel)	110.33	15.08
		For Stainless Steel, Add	*19.79*	
10 26 23 13-0168	EA	L-Shield End Cap (JG Innovations Soffi-Steel)	29.14	5.53
		For Stainless Steel, Add	*4.52*	
10 26 23 13-0169	EA	L-Shield Clip (JG Innovations Soffi-Steel)	6.76	3.01
		For Stainless Steel, Add	*0.18*	
10 26 41		**Bullet Resistant Panels** *(10 26)*		
10 26 41 00-0001		**Laminated Bullet Resistant Fiberglass Panel** *(10 26 41)*		
		Note: Material consisting of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into rigid flat sheets.		
10 26 41 00-0002	SF	1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 LB/SF	20.43	1.42
10 26 41 00-0003	SF	3/16" Thick Ballistic Resistant Fiberglass Panel, 2 LB/SF	28.18	1.52
10 26 41 00-0004	SF	1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 To 2.6 LB/SF	31.91	1.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 41 00-0005	SF	5/16" Thick Ballistic Resistant Fiberglass Panel, 3 To 3.6 LB/SF	33.93	1.72
10 26 41 00-0006	SF	3/8" Thick Ballistic Resistant Fiberglass Panel, 3.6 To 3.9 LB/SF	36.78	1.82
10 26 41 00-0007	SF	7/16" Thick Ballistic Resistant Fiberglass Panel, 4 To 4.9 LB/SF	39.60	1.92
10 26 41 00-0008	SF	9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 To 6.6 LB/SF	67.59	2.33
10 26 41 00-0009	SF	1-1/8" Thick Ballistic Resistant Fiberglass Panel, 11 To 11.7 LB/SF	97.17	3.64
10 26 41 00-0010	SF	1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 To 13.2 LB/SF	115.69	4.36
10 26 41 00-0011	SF	1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 To 14 LB/SF	139.43	4.76
10 26 41 00-0012	SF	1-7/16" Thick Ballistic Resistant Fiberglass Panel, 15.2 To 16 LB/SF	158.76	5.07

10 28 Toilet, Bath, and Laundry Accessories *(10 20)*

10 28 13 Toilet Accessories *(10 28)*

10 28 13 13 Commercial Toilet Accessories *(10 28 13)*

10 28 13 13-0001 Toilet Accessories *(10 28 13 13)*

10 28 13 13-0002 Dispensers *(10 28 13 13-0001)*

10 28 13 13-0003 Paper Towel Dispensers *(10 28 13 13-0002)*

10 28 13 13-0004 Stainless Steel Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0005	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262)	105.71	22.61
10 28 13 13-0006	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620)	113.34	22.61
10 28 13 13-0007	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621)	114.47	22.61
10 28 13 13-0008	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-26212)	116.66	22.61
10 28 13 13-0009	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263)	176.95	22.61
10 28 13 13-0010	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359)	190.12	22.61
10 28 13 13-0011	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262)	209.87	22.61
10 28 13 13-0012	EA	Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526)	219.92	10.05
10 28 13 13-0013	EA	Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318)	366.81	22.61
10 28 13 13-0014	EA	Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860)	435.63	22.61
10 28 13 13-0015	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-4369)	468.31	22.61
10 28 13 13-0016	EA	Recessed Automated Touchless Towel Dispenser, Stainless (Georgia-Pacific enMotion® 59466)	264.61	22.61
10 28 13 13-0017	EA	Stainless Steel Mounting Bracket For Wall Mounting enMotion Recessed Automated Touchless Towel Dispenser (Georgia-Pacific enMotion® 59476)	145.79	12.56

10 28 13 13-0018 Plastic Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0019	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262)	79.70	22.61
10 28 13 13-0020	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860)	167.34	22.61
10 28 13 13-0021	EA	Surface Mounted, Translucent Cover, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick B-72860)	166.16	22.61
10 28 13 13-0022	EA	Surface Mounted, Automated Touchless Towel Dispenser, Translucent Plastic (Georgia-Pacific enMotion® 59462)	140.96	22.61

10 28 13 13-0023 Aluminum Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0024	EA	Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253)	87.34	22.61

10 28 13 13-0025 Toilet Tissue Dispensers *(10 28 13 13-0002)*

10 28 13 13-0026 Plastic Toilet Tissue Dispensers *(10 28 13 13-0025)*

10 28 13 13-0027	EA	Two Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Bobrick B-5288)	79.42	22.61
10 28 13 13-0028	EA	Two Jumbo Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Georgia Pacific 58250)	178.16	22.61
10 28 13 13-0029	EA	Vertical Double Roll, Surface Mounted, Translucent Plastic Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56760)	68.34	22.61
10 28 13 13-0030	EA	Side By Side Double Roll, Surface Mounted, Translucent Plastic Toilet Tissue Dispenser (Georgia-Pacific Compact® 56784)	81.35	22.61

10 28 13 13-0031 Cast Aluminum Toilet Tissue Dispensers *(10 28 13 13-0025)*

10 28 13 13-0032	EA	Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730)	71.51	22.61
10 28 13 13-0033	EA	Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273)	72.07	22.61
10 28 13 13-0034	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740)	76.03	22.61
10 28 13 13-0035	EA	Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274)	83.38	22.61
10 28 13 13-0036	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460)	110.51	22.61

10 28 13 13-0037 Stainless Steel Toilet Tissue Dispensers *(10 28 13 13-0025)*

10 28 13 13-0038	EA	Single Roll, Surface Mounted, Vandal Resistant, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264)	60.48	22.61
10 28 13 13-0039	EA	Double Roll, Surface Mounted, Toilet Tissue Dispenser With Utility Shelf (Bobrick B-540)	177.25	22.61
10 28 13 13-0040	EA	Single Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (Bobrick B-543)	102.18	22.61
10 28 13 13-0041	EA	Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663)	97.23	22.61

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0042	EA	Single Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-685)	105.85	22.61
10 28 13 13-0043	EA	Double Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-686)	140.08	25.12
10 28 13 13-0044	EA	Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6857)	105.85	22.61
10 28 13 13-0045	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6867)	140.08	22.61
10 28 13 13-0046	EA	Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hood (Bobrick B-66997)	151.08	22.61
10 28 13 13-0047	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-6999)	237.40	22.61
10 28 13 13-0048	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-69997)	237.40	22.61
10 28 13 13-0049	EA	Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890)	97.41	22.61
10 28 13 13-0050	EA	Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272)	114.75	22.61
10 28 13 13-0051	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265)	70.93	22.61
10 28 13 13-0052	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888)	123.52	22.61
10 28 13 13-0053	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888)	174.57	22.61
10 28 13 13-0054	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288)	183.74	22.61
10 28 13 13-0055	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388)	232.82	22.61
10 28 13 13-0056	EA	Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892)	215.61	22.61
10 28 13 13-0057	EA	Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386) Note: Mounts centered through toilet partitions.	334.02	22.61
10 28 13 13-0058	EA	Multi-Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser With Shelf (Bobrick B-2840)	142.75	22.61
10 28 13 13-0059	EA	Vertical Double Roll, Surface Mounted, Stainless Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56782)	131.69	22.61
10 28 13 13-0060	EA	Side By Side Double Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Georgia-Pacific Compact® 56796)	105.46	22.61
10 28 13 13-0061	EA	Dual Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (ASI 9030)	181.22	22.61
10 28 13 13-0062	EA	Dual Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (ASI 0030)	130.19	22.61
10 28 13 13-0063	EA	Twin, Hide-A-Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (ASI 20030)	179.80	22.61
10 28 13 13-0064	EA	Twin, 9" Jumbo Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (ASI 0040)	195.67	22.61

10 28 13 13-0065 Soap or Sanitizer Dispensers *(10 28 13 13-0002)*

10 28 13 13-0066	EA	20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221)	95.82	22.61
		For 34 Fluid Ounce (B-822), Add	*4.51*	
10 28 13 13-0067	EA	20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216)	104.30	22.61
		For 34 Fluid Ounce (B-822), Add	*4.51*	
10 28 13 13-0068	EA	24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156)	63.59	22.61
10 28 13 13-0069	EA	24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155)	69.52	22.61
10 28 13 13-0070	EA	40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40)	83.92	22.61
10 28 13 13-0071	EA	40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42)	86.37	22.61
10 28 13 13-0072	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112)	97.51	22.61
10 28 13 13-0073	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112)	124.37	22.61
10 28 13 13-0074	EA	45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306)	213.87	22.61
10 28 13 13-0075	EA	50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063)	344.19	22.61
10 28 13 13-0076	EA	800 ml, Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826.18) Note: Includes start-up kit.	211.41	22.61

10 28 13 13-0077 Sanitizer Dispensers *(10 28 13 13-0002)*

10 28 13 13-0078 Manual Sanitizer Dispensers *(10 28 13 13-0077)*

10 28 13 13-0079	EA	1,200 ml, Wall Mounted, Plastic, Manual Operation Liquid Hand Sanitizer Dispenser (Purelll 5020-01)	73.16	22.61
10 28 13 13-0080	EA	1,200 ml, Wall Mounted, Plastic, Manual Operation Foam Hand Sanitizer Dispenser (Purelll 4510-00)	74.37	22.61
10 28 13 13-0081	EA	1,250 ml, Wall Mounted, Plastic, Manual Operation Gel Hand Sanitizer Dispenser (Purelll 8824-06-UV)	73.99	22.61

10 28 13 13-0082 Automatic Sanitizer Dispensers *(10 28 13 13-0077)*

10 28 13 13-0083	EA	1,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Clorox 30242-EA)	68.00	22.61
10 28 13 13-0084	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 6420-01 ES6)	90.61	22.61
10 28 13 13-0085	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Gel Hand Sanitizer Dispenser (Purelll 6520-01 CS6)	84.97	22.61
10 28 13 13-0086	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 7720-01 ES8)	91.88	22.61
10 28 13 13-0087	EA	1,000/1,200 ml, Wall Mounted, Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Georgia-Pacific enMotion® Gen2 Hygiene Series 52058)	106.85	22.61
10 28 13 13-0088	EA	2,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 5240-06)	107.56	22.61

10 28 13 13-0089 Automatic Floor Stand Sanitizer Dispensers *(10 28 13 13-0077)*

10 28 13 13-0090	EA	1,000 ml, Floor Stand, Metal, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell Elite LTX™ 2456-DS)	571.58	7.53
10 28 13 13-0091	EA	1,200 ml, Floor Stand, ABS Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Purell 7308-DS-SLV)	614.87	7.53
10 28 13 13-0092	EA	1,200 ml, Floor Stand, Aluminum and Polypropylene, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 2454-DS02)	639.07	7.53

10 28 13 13-0093 Facial Tissue Dispensers *(10 28 13 13-0002)*

10 28 13 13-0094	EA	Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397)	111.09	22.61
10 28 13 13-0095	EA	Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Gamco 355)	76.12	22.61

10 28 13 13-0096 Sanitary Toilet Seat Cover Dispensers *(10 28 13 13-0002)*

10 28 13 13-0097	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221)	62.45	22.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0098	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221)	84.79	22.61
10 28 13 13-0099	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221)	155.19	22.61
10 28 13 13-0100	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301)	162.14	22.61
10 28 13 13-0101	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013)	325.82	22.61
10 28 13 13-0102		**Sanitary Toilet Seat Cover/Toilet Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0103	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick Classic B-3479)	524.53	22.61
10 28 13 13-0104	EA	Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-34745)	316.13	22.61
10 28 13 13-0105		**Sanitary Napkin/Tampon Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0106	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick B-370639C)	648.80	22.61
10 28 13 13-0107	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Gamco B-282.25)	492.17	22.61
10 28 13 13-0108	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vending (Bobrick B-2706)	657.42	22.61
10 28 13 13-0109	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25)	495.16	22.61
10 28 13 13-0110	EA	Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Gamco NV-2-4)	434.59	22.61
10 28 13 13-0111	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bradley 401-45)	535.69	22.61
10 28 13 13-0112		**Toilet Compartment Combination Dispenser/Disposals** *(10 28 13 13-0002)*		
10 28 13 13-0113	EA	Side Wall Recessed Mounted, Stainless Steel Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3094)	450.01	50.24
10 28 13 13-0114	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474)	503.90	50.24
10 28 13 13-0115	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-35745)	415.76	50.24
10 28 13 13-0116	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574)	590.42	50.24
10 28 13 13-0117	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347)	607.09	50.24
10 28 13 13-0118	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357)	700.11	50.24
10 28 13 13-0119	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3579)	655.62	50.24
10 28 13 13-0120		**Receptacles** *(10 28 13 13-0001)*		
10 28 13 13-0121		**Wall Mounted Waste Receptacles** *(10 28 13 13-0120)*		
10 28 13 13-0122	EA	1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Gamco WR-3)	97.47	22.61
10 28 13 13-0123	EA	6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279)	165.36	22.61
10 28 13 13-0124	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644)	382.63	50.24
10 28 13 13-0125	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644)	573.74	50.24
10 28 13 13-0126	EA	20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275)	451.89	50.24
10 28 13 13-0127		**Floor-Standing/Counter Waste Receptacles** *(10 28 13 13-0120)*		
10 28 13 13-0128	EA	5-7/8" Inside Diameter, 3-7/8" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-532)	116.03	22.61
10 28 13 13-0129	EA	5-7/16" Inside Diameter, 5" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529)	168.47	22.61
10 28 13 13-0130	EA	13 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2260)	328.50	10.05
10 28 13 13-0131	EA	13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250)	498.70	10.05
10 28 13 13-0132	EA	18 Gallon, Open Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2300)	466.98	10.05
10 28 13 13-0133	EA	21 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2280)	448.94	10.05
10 28 13 13-0134		**Combination Paper Towel Dispenser/ Waste Receptacle** *(10 28 13 13-0120)*		
10 28 13 13-0135	EA	2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-369)	314.78	50.24
10 28 13 13-0136	EA	2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-4369)	513.52	50.24
10 28 13 13-0137	EA	2 Gallon, Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3944)	505.61	50.24
10 28 13 13-0138	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3900)	740.40	50.24
10 28 13 13-0139	EA	12 Gallon, Semi-Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3909)	1,023.87	50.24
10 28 13 13-0140	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-3961)	863.52	50.24
10 28 13 13-0141	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3949)	662.82	50.24
10 28 13 13-0142	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-39619)	1,081.20	50.24
10 28 13 13-0143	EA	16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-43944)	997.68	55.27
10 28 13 13-0144	EA	18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3947)	666.34	55.27
10 28 13 13-0145		**Sanitary Napkin/Tampon Receptacles** *(10 28 13 13-0120)*		
10 28 13 13-0146	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270)	88.97	25.12
10 28 13 13-0147	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254)	182.22	25.12
10 28 13 13-0148	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353)	198.66	25.12

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10 28 13 13-0149	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-35303)	470.63	25.12
10 28 13 13-0150	EA	Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354)	247.28	25.12
10 28 13 13-0151	EA	Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354)	436.99	25.12
10 28 13 13-0152		**Grab Bars** *(10 28 13 13-0001)*		
10 28 13 13-0153		**1-1/4" Diameter, Stainless Steel Grab Bars** *(10 28 13 13-0152)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0154	EA	12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Gamco 125sx12)	90.12	20.09
		For Peened Grip, Add	*4.95*	
10 28 13 13-0155	EA	18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18)	104.17	20.09
		For Peened Grip, Add	*6.21*	
10 28 13 13-0156	EA	24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24)	105.58	20.09
		For Peened Grip, Add	*6.34*	
10 28 13 13-0157	EA	30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30)	106.24	20.09
		For Peened Grip, Add	*6.40*	
10 28 13 13-0158	EA	36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36)	106.42	20.09
		For Peened Grip, Add	*6.41*	
10 28 13 13-0159	EA	42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42)	109.82	20.09
		For Peened Grip, Add	*6.72*	
10 28 13 13-0160	EA	48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48)	115.18	20.09
		For Peened Grip, Add	*7.20*	
10 28 13 13-0161	EA	36" Length, 1-1/4" Diameter, Straight, Satin Finish, Stainless Steel Grab Bar With Closure Plate (Global Industrial WG641275)	117.49	22.38
10 28 13 13-0162	EA	42" Length, 1-1/4" Diameter, Straight, Satin Finish, Stainless Steel Grab Bar With Closure Plate (Global Industrial WG641277)	120.33	22.38
10 28 13 13-0163		**1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars** *(10 28 13 13-0152)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0164	EA	24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616)	176.76	20.09
		For Peened Grip, Add	*12.29*	
10 28 13 13-0165	EA	36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837)	180.42	20.09
		For Peened Grip, Add	*12.62*	
10 28 13 13-0166		**1-1/2" Diameter, Stainless Steel Grab Bars** *(10 28 13 13-0152)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0167	EA	12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12)	102.99	20.09
		For Peened Grip, Add	*6.10*	
10 28 13 13-0168	EA	18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18)	104.17	20.09
		For Peened Grip, Add	*6.21*	
10 28 13 13-0169	EA	24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24)	106.42	20.09
		For Peened Grip, Add	*6.41*	
10 28 13 13-0170	EA	30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30)	108.69	20.09
		For Peened Grip, Add	*6.62*	
10 28 13 13-0171	EA	36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36)	111.51	20.09
		For Peened Grip, Add	*6.87*	
10 28 13 13-0172	EA	42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42)	114.06	20.09
		For Peened Grip, Add	*7.10*	
10 28 13 13-0173	EA	48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48)	120.28	20.09
		For Peened Grip, Add	*7.66*	
10 28 13 13-0174	EA	36" Length, 1-1/2" Diameter, Straight, Satin Finish, Stainless Steel Grab Bar With Closure Plate (Global Industrial WG641279)	121.04	22.38
10 28 13 13-0175		**1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars** *(10 28 13 13-0152)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0176	EA	16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861)	161.48	20.09
		For Peened Grip, Add	*10.92*	
10 28 13 13-0177	EA	24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616)	173.65	20.09
		For Peened Grip, Add	*12.01*	
10 28 13 13-0178	EA	36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137)	150.74	20.09
		For Peened Grip, Add	*9.95*	
10 28 13 13-0179		**1-1/4" Diameter, Stainless Steel Swing Up Grab Bars** *(10 28 13 13-0152)*		
		Note: Includes satin finish and mounting for swing up.		
10 28 13 13-0180	EA	29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998)	477.34	20.09
		For Peened Grip, Add	*39.80*	
10 28 13 13-0181		**Shelves** *(10 28 13 13-0001)*		
10 28 13 13-0182	EA	5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295)	117.86	22.61
10 28 13 13-0183	EA	5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295)	121.26	22.61
10 28 13 13-0184	EA	5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295)	136.81	22.61
10 28 13 13-0185	EA	5" Width x 36" Length, Stainless Steel Shelf (Gamco S-5x36)	140.72	22.61
10 28 13 13-0186	EA	6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296)	134.56	22.61
10 28 13 13-0187	EA	6" Width x 24" Length, Stainless Steel Shelf (Gamco S-6x24)	136.40	22.61
10 28 13 13-0188	EA	8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298)	145.57	22.61
10 28 13 13-0189	EA	8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298)	158.85	22.61
10 28 13 13-0190	EA	8" Width x 36" Length, Stainless Steel Shelf (Gamco S-8x36)	186.93	22.61

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10 28 13 13-0191	EA	5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287)	145.85	22.61
10 28 13 13-0192	EA	4-3/4" Width x 24" Length, Stainless Steel Toiletry Shelf (Bobrick B-683)	148.68	22.61
10 28 13 13-0193	EA	12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24)	376.96	22.61
10 28 13 13-0194	EA	12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30)	405.95	22.61
10 28 13 13-0195	EA	12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36)	450.69	22.61
10 28 13 13-0196	EA	12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48)	572.41	22.61
10 28 13 13-0197	EA	12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60)	794.15	22.61
10 28 13 13-0198	EA	4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412)	295.79	22.61
10 28 13 13-0199		**Changing Stations** *(10 28 13 13-0001)*		
10 28 13 13-0200	EA	Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Gamco BCS-1)	445.12	30.15
10 28 13 13-0201	EA	Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00)	472.42	30.15
10 28 13 13-0202	EA	Horizontal, Wall-Mounted, Polypropylene Baby Changing Station (Bobrick Koala Care KB200-00)	387.89	30.15
10 28 13 13-0203	EA	Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSRE)	1,920.23	30.15
10 28 13 13-0204	EA	Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSWM)	2,253.12	30.15
10 28 13 13-0205	EA	Vertical, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSRE)	1,920.23	30.15
10 28 13 13-0206	EA	Vertical, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSWM)	2,253.12	30.15
10 28 13 13-0207		**Folding Shower Seats** *(10 28 13 13-0001)*		
10 28 13 13-0208	EA	33" Width, Wall-Mounted, Reversible, Folding, Stainless Steel Hardware, Solid Phenolic Shower Seat (Bobrick B-5181)	555.85	40.19
10 28 13 13-0209	EA	33" Width, Wall-Mounted, Foam Padded, Naugahyde® Folding Shower Seat (Bobrick B-517/518)	733.96	40.19
10 28 13 13-0210	EA	30" Width, Wall-Mounted, Teakwood Folding Shower Seat	1,660.34	40.19
10 28 13 13-0211	EA	33-1/2" Width, Wall-Mounted, Stainless Steel, Americans With Disabilities Act Compliant Folding Shower Seat, (Acorn Shower-Ware 1103-31/1103-32)	3,567.73	
10 28 13 13-0212		**Soap/Dish Holders** *(10 28 13 13-0001)*		
10 28 13 13-0213	EA	Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Gamco 7679)	57.45	22.61
10 28 13 13-0214	EA	Surface Mounted, Stainless Steel Soap Dish (Gamco 7680)	59.42	22.61
10 28 13 13-0215	EA	Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380)	107.57	22.61
10 28 13 13-0216	EA	Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390)	117.47	22.61
10 28 13 13-0217		**Shower Curtains/Curtain Rods** *(10 28 13 13-0001)*		
10 28 13 13-0218	EA	Stainless Steel Shower Curtain Hook (Bobrick B-204-1)	2.89	1.01
10 28 13 13-0219	EA	42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2) Note: Requires 7 curtain hooks.	48.65	10.05
10 28 13 13-0220	EA	70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3) Note: Requires 12 curtain hooks.	51.06	10.05
10 28 13 13-0221	EA	36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	85.07	22.61
10 28 13 13-0222	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	91.30	22.61
10 28 13 13-0223	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	98.93	22.61
10 28 13 13-0224	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	108.26	22.61
10 28 13 13-0225	EA	36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x36)	74.33	22.61
10 28 13 13-0226	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x48)	81.68	22.61
10 28 13 13-0227	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x60)	85.92	22.61
10 28 13 13-0228	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x72)	91.30	22.61
10 28 13 13-0229	EA	36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	77.44	22.61
10 28 13 13-0230	EA	48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	83.66	22.61
10 28 13 13-0231	EA	60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	91.00	22.61
10 28 13 13-0232	EA	72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	96.10	22.61
10 28 13 13-0233		**Hand Dryers** *(10 28 13 13-0001)*		
10 28 13 13-0234	EA	Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompacDryer B-710)	535.07	30.29
10 28 13 13-0235	EA	Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick B-7120-115V)	576.61	30.29
10 28 13 13-0236	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-7128 230V)	639.38	30.29
10 28 13 13-0237	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-750-115/230)	907.33	30.29
10 28 13 13-0238	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer A)	1,197.77	30.29
10 28 13 13-0239	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer A)	1,348.16	30.29
10 28 13 13-0240	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60)	1,863.01	30.29
10 28 13 13-0241	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T)	1,938.75	30.29
10 28 13 13-0242	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR)	2,019.53	30.29
10 28 13 13-0243	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR)	1,547.71	30.29
10 28 13 13-0244	EA	Surface Mounted, Automatic Sensor, 22 Gauge Steel Cover Hand Dryer (Bobrick B-7120)	479.98	30.29
10 28 13 13-0245	EA	Surface Mounted, Automatic Sensor, 18 Gauge Stainless Steel Cover Hand Dryer (Bobrick B-7128-115V)	551.00	30.29
10 28 13 13-0246	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (World Dryer RA)	1,146.28	30.29
10 28 13 13-0247	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (World Dryer XRA)	1,229.19	30.29
10 28 13 13-0248	EA	Recessed Mounted, Automatic Sensor, Stainless Steel Cover Hand/Hair Dryer (World Dryer DXRA)	1,447.50	30.29
10 28 13 13-0249	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB12)	1,678.11	30.29
10 28 13 13-0250	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB14)	2,824.48	30.29
10 28 13 13-0251	EA	Surface Mounted, Automatic Sensor, White ABS Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,241.26	30.29

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10 28 13 13-0252	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-M) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,310.62	30.29
10 28 13 13-0253	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-BG) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,350.25	30.29
10 28 13 13-0254	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-C) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,389.88	30.29
10 28 13 13-0255	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-SS) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,469.14	30.29
10 28 13 13-0256	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9) Note: Electronically adjustable sound and speed.	1,003.48	30.29
10 28 13 13-0257	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-M) Note: Electronically adjustable sound and speed.	1,072.84	30.29
10 28 13 13-0258	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-BG) Note: Electronically adjustable sound and speed.	1,112.47	30.29
10 28 13 13-0259	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-C) Note: Electronically adjustable sound and speed.	1,152.10	30.29
10 28 13 13-0260	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-SS) Note: Electronically adjustable sound and speed.	1,231.36	30.29
10 28 13 13-0261	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7) Note: Electronically adjustable sound and speed.	1,003.48	30.29
10 28 13 13-0262	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-M) Note: Electronically adjustable sound and speed.	1,072.84	30.29
10 28 13 13-0263	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-BG) Note: Electronically adjustable sound and speed.	1,112.47	30.29
10 28 13 13-0264	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-C) Note: Electronically adjustable sound and speed.	1,152.10	30.29
10 28 13 13-0265	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-SS) Note: Electronically adjustable sound and speed.	1,231.36	30.29
10 28 13 13-0266	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90)	726.08	30.29
10 28 13 13-0267	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-M)	795.43	30.29
10 28 13 13-0268	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-BG)	835.06	30.29
10 28 13 13-0269	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-C)	874.69	30.29
10 28 13 13-0270	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-SS)	953.95	30.29
10 28 13 13-0271	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90H)	726.08	30.29
10 28 13 13-0272	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-MH)	795.43	30.29
10 28 13 13-0273	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-BGH)	835.06	30.29
10 28 13 13-0274	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-CH)	874.69	30.29
10 28 13 13-0275	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-SSH)	953.95	30.29
10 28 13 13-0276	EA	Surface Mounted, Automatic Sensor, ABS Cover, Hand Dryer (American Dryer GX1)	527.92	30.29
10 28 13 13-0277	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Hand Dryer (American Dryer GX1-M)	597.28	30.29
10 28 13 13-0278	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Hand Dryer (American Dryer GX1-C)	676.54	30.29

10 28 13 13-0279 Hand Dryers (Excel XLERATOR®) *(10 28 13 13-0001)*

Note: With or without noise reduction nozzle options.

10 28 13 13-0280	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-W)	1,031.17	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0281	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-WH)	1,451.56	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0282	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-GR)	1,209.67	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0283	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel Xlerator XL-GRH)	1,512.03	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0284	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-C)	1,300.38	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0285	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-CH)	1,602.73	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0286	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer (Excel XLERATOR® XL-SB)	1,300.38	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0287	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SBH)	1,602.73	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0288	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-SP)	1,209.67	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0289	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SPH)	1,512.03	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0290	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer (Excel XLERATOR® XL-BW)	1,088.73	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0291	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer With High Efficiency Particulate Air (HEPA)Filtration System (Excel XLERATOR® XL-BWH)	1,391.09	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0292	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-W-ECO)	1,031.17	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0293	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-WH-ECO)	1,451.56	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0294	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-GR-ECO)	1,209.67	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0295	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-GRH-ECO)	1,512.03	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0296	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-C-ECO)	1,300.38	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0297	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-CH-ECO)	1,602.73	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0298	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SB-ECO)	1,300.38	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0299	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SBH-ECO)	1,602.73	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0300	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SP-ECO)	1,209.67	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0301	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SPH-ECO)	1,512.03	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0302	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer (Excel XLERATOReco® XL-BW-ECO)	1,088.73	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0303	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-BWH-ECO)	1,391.09	30.29
		For ADA-Compliant Recess Kit, Add	*171.43*	
10 28 13 13-0304		Additional Accessories *(10 28 13 13-0001)*		
10 28 13 13-0305		Hooks *(10 28 13 13-0304)*		
10 28 13 13-0306	EA	Stainless Steel Clothes Hook And Bumper (Bobrick B-212)	29.42	10.05
10 28 13 13-0307	EA	Single Stainless Steel Robe Hook (Bobrick B-233)	35.64	10.05
10 28 13 13-0308	EA	Single Stainless Steel Robe Hook (Bobrick B-7671)	29.98	10.05
10 28 13 13-0309	EA	Double Stainless Steel Robe Hook (Bobrick B-7672)	32.76	10.05
10 28 13 13-0310	EA	Double Stainless Steel Robe Hook (Bobrick B-672 or B-6727)	55.99	10.05
10 28 13 13-0311	EA	Single Stainless Steel Robe Hook (Bobrick B-6717)	50.33	10.05
10 28 13 13-0312		Clotheslines *(10 28 13 13-0304)*		
10 28 13 13-0313	EA	Surface Mounted, Stainless Steel Retractable Clothesline (Gamco 7636)	51.43	20.09
10 28 13 13-0314		Towel Bars *(10 28 13 13-0304)*		
10 28 13 13-0315	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x18)	63.15	22.61
10 28 13 13-0316	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x24)	63.37	22.61
10 28 13 13-0317	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x18)	71.66	22.61
10 28 13 13-0318	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x24)	72.45	22.61
10 28 13 13-0319	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	108.82	22.61
10 28 13 13-0320	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	113.62	22.61
10 28 13 13-0321	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	112.50	22.61
10 28 13 13-0322	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	116.45	22.61
10 28 13 13-0323	EA	18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	123.53	22.61

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	10 28 13 13-0324	EA	24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	127.73	22.61
	10 28 13 13-0325	EA	18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	92.71	22.61
	10 28 13 13-0326	EA	24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	96.38	22.61
	10 28 13 13-0327		Towel Bar With Shelf *(10 28 13 13-0304)*		
	10 28 13 13-0328	EA	24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676)	216.25	22.61
	10 28 13 13-0329		Towel Pins *(10 28 13 13-0304)*		
	10 28 13 13-0330	EA	Stainless Steel Towel Pin (Bobrick B-677)	54.02	10.05
	10 28 13 13-0331		Drinking Fountain Grab Bars *(10 28 13 13)*		
	10 28 13 13-0332		1-1/4" Diameter, Stainless Steel Drinking Fountain Grab Bars *(10 28 13 13-0331)* Note: Includes two wall and one floor concealed mounting with snap flange. 33" high x 18" deep, second rail 6" off ground.		
	10 28 13 13-0333	EA	1-1/4" Diameter, Satin Stainless Steel Drinking Fountain Grab Bars	444.51	66.32
	10 28 13 13-0334	EA	1-1/4" Diameter, Peened Stainless Steel Drinking Fountain Grab Bars	491.01	66.32
	10 28 13 13-0335	EA	1-1/4" Diameter, Anti-Slip Stainless Steel Drinking Fountain Grab Bars	577.04	66.32
	10 28 13 13-0336	EA	1-1/4" Diameter, Bright Or Bright Peened Stainless Steel Drinking Fountain Grab Bars	702.60	66.32
	10 28 13 13-0337		1-1/2" Diameter, Stainless Steel Drinking Fountain Grab Bars *(10 28 13 13-0331)* Note: Includes two wall and one floor concealed mounting with snap flange. 33" high x 18" deep, second rail 6" off ground.		
	10 28 13 13-0338	EA	1-1/2" Diameter, Satin Stainless Steel Drinking Fountain Grab Bars	465.44	66.32
	10 28 13 13-0339	EA	1-1/2" Diameter, Peened Stainless Steel Drinking Fountain Grab Bars	511.94	66.32
	10 28 13 13-0340	EA	1-1/2" Diameter, Anti-Slip Stainless Steel Drinking Fountain Grab Bars	602.62	66.32
	10 28 13 13-0341	EA	1-1/2" Diameter, Bright Or Bright Peened Stainless Steel Drinking Fountain Grab Bars	725.85	66.32
	10 28 13 13-0342		1-1/2" Diameter, Stainless Steel Drinking Fountain Grab Bar *(10 28 13 13-0331)*		
	10 28 13 13-0343	EA	33" Height x 18" Width From Wall, 1-1/2" Diameter 304 Stainless Steel Drinking Fountain Grab Bar (Bobrick B-819298) Note: Grab bar shall be type-304 stainless steel with satin finish. Grab bar shall have 18-gauge (1.2mm) wall thickness and 1-1/2" (38mm) outside diameter. Concealed mounting flanges shall be 1/8" (3mm) thick stainless steel plate, 2" x 3-1/8" (50 x 80mm), and equipped with two screw holes for attachment to wall and to floor. Flange covers shall be 22 gauge (0.8mm), 3-1/4" (85mm) diameter x 1/2" (13mm) deep, and shall snap over mounting flange to conceal mounting screws. Ends of grab bar shall pass through concealed mounting ?anges and be heliarc welded to form one structural unit. Grab bar shall comply with barrier-free accessibility guidelines (including ADAAG in the U.S.A.) for structural strength.	490.05	101.48
	10 28 13 13-0344	EA	33" Height x 4" To <18" Width From Wall, 1-1/2" Diameter 304 Stainless Steel Drinking Fountain Grab Bar (Bobrick Custom B-819298) Note: Grab bar shall be type-304 stainless steel with satin finish. Grab bar shall have 18-gauge (1.2mm) wall thickness and 1-1/2" (38mm) outside diameter. Concealed mounting flanges shall be 1/8" (3mm) thick stainless steel plate, 2" x 3-1/8" (50 x 80mm), and equipped with two screw holes for attachment to wall and to floor. Flange covers shall be 22 gauge (0.8mm), 3-1/4" (85mm) diameter x 1/2" (13mm) deep, and shall snap over mounting flange to conceal mounting screws. Ends of grab bar shall pass through concealed mounting ?anges and be heliarc welded to form one structural unit. Grab bar shall comply with barrier-free accessibility guidelines (including ADAAG in the U.S.A.) for structural strength.	527.85	101.48
	10 28 13 13-0345	EA	33" Height x >18" To 26" Width From Wall, 1-1/2" Diameter 304 Stainless Steel Drinking Fountain Grab Bar (Bobrick Custom B-819298) Note: Grab bar shall be type-304 stainless steel with satin finish. Grab bar shall have 18-gauge (1.2mm) wall thickness and 1-1/2" (38mm) outside diameter. Concealed mounting flanges shall be 1/8" (3mm) thick stainless steel plate, 2" x 3-1/8" (50 x 80mm), and equipped with two screw holes for attachment to wall and to floor. Flange covers shall be 22 gauge (0.8mm), 3-1/4" (85mm) diameter x 1/2" (13mm) deep, and shall snap over mounting flange to conceal mounting screws. Ends of grab bar shall pass through concealed mounting ?anges and be heliarc welded to form one structural unit. Grab bar shall comply with barrier-free accessibility guidelines (including ADAAG in the U.S.A.) for structural strength.	549.30	101.48
	10 28 13 13-0346		1-1/2" Diameter, Steel Drinking Fountain Grab Bars *(10 28 13 13-0331)* Note: Includes three wall and one floor concealed mounting with snap flange.		
	10 28 13 13-0347	EA	1-1/2" Diameter, Steel Drinking Fountain Grab Bars, 42" High	330.27	66.32
	10 28 13 13-0348		Mirrors *(10 28 13 13)*		
	10 28 13 13-0349		Stainless Steel Channel Frame Glass Mirrors *(10 28 13 13-0348)*		
	10 28 13 13-0350	EA	16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-16x24)	107.81	25.12
	10 28 13 13-0351	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824)	122.93	25.12
	10 28 13 13-0352	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830)	128.17	25.12
			For Tempered Glass (B-1658), Add	*44.00*	
	10 28 13 13-0353	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836)	138.91	25.12
			For Tempered Glass (B-1658), Add	*51.51*	
	10 28 13 13-0354	EA	24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430)	152.70	25.12
	10 28 13 13-0355	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436)	158.50	25.12
			For Tempered Glass (B-1658), Add	*65.23*	
	10 28 13 13-0356	EA	24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448)	196.53	25.12
	10 28 13 13-0357	EA	24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460)	227.68	25.12
	10 28 13 13-0358	EA	36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-36x36)	275.29	25.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0359	EA	48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836)	347.59	25.12
10 28 13 13-0360	EA	60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-60x36)	391.52	25.12
10 28 13 13-0361		**Stainless Steel Channel Frame Glass Mirror/Shelf Combination** *(10 28 13 13-0348)*		
10 28 13 13-0362	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824)	203.69	25.12
10 28 13 13-0363	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1830)	219.96	25.12
10 28 13 13-0364	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1836)	230.71	25.12
10 28 13 13-0365	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 2436)	261.03	25.12
10 28 13 13-0366		**Stainless Steel Angle Frame Glass Mirrors** *(10 28 13 13-0348)*		
10 28 13 13-0367	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824)	180.78	25.12
10 28 13 13-0368	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830)	198.74	25.12
		For Tempered Glass (B-2908), Add	*88.06*	
10 28 13 13-0369	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836)	204.80	25.12
		For Tempered Glass (B-2908), Add	*92.06*	
10 28 13 13-0370	EA	24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430)	240.63	25.12
10 28 13 13-0371	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436)	242.01	25.12
		For Tempered Glass (B-2908), Add	*116.62*	
10 28 13 13-0372	EA	24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448)	324.98	25.12
10 28 13 13-0373	EA	24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460)	382.87	25.12
10 28 13 13-0374	EA	24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472)	436.91	25.12
10 28 13 13-0375	EA	36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-36x36)	289.75	25.12
10 28 13 13-0376	EA	48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-48x36)	354.17	25.12
10 28 13 13-0377	EA	72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-72x36)	544.71	25.12
10 28 13 13-0378		**Stainless Steel Angle Frame Glass Mirror/Shelf Combination** *(10 28 13 13-0348)*		
10 28 13 13-0379	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Gamco AS-18x24)	187.07	25.12
10 28 13 13-0380	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830)	373.22	25.12
10 28 13 13-0381	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836)	391.42	25.12
10 28 13 13-0382	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436)	436.91	25.12
10 28 13 13-0383		**Frameless Stainless Steel Mirrors** *(10 28 13 13-0348)*		
10 28 13 13-0384	EA	17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830)	203.15	25.12
10 28 13 13-0385	EA	23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436)	264.05	25.12
10 28 13 13-0386		**Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors** *(10 28 13 13-0348)*		
10 28 13 13-0387	EA	16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630)	277.85	25.12
10 28 13 13-0388	EA	18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830)	289.70	25.12
10 28 13 13-0389	EA	18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836)	351.73	25.12
10 28 13 13-0390	EA	24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436)	433.59	25.12
10 28 13 13-0391		**Medicine Cabinets** *(10 28 13 13)*		
10 28 13 13-0392		**Metal Medicine Cabinets** *(10 28 13 13-0391)*		
10 28 13 13-0393	EA	20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB)	661.27	50.24
10 28 13 13-0394	EA	15-1/2" x 25-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397) Note: Includes three adjustable plastic shelves.	243.40	50.24
10 28 13 13-0395	EA	14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297) Note: Includes two fixed shelves with baked white enamel finish.	251.45	50.24
10 28 13 13-0396	EA	15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398) Note: Includes four adjustable stainless steel shelves.	558.19	50.24
10 28 13 13-0397	EA	17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299) Note: Includes four adjustable shelves.	768.81	50.24
10 28 13 13-0398		**Janitorial Material** *(10 28 13 13)*		
10 28 13 13-0399	EA	Stainless Steel Pail And Ladder Utility Hook (Bobrick B-670)	50.33	10.05
10 28 13 13-0400	EA	24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24)	131.72	22.61
10 28 13 13-0401	EA	24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24)	126.64	22.61
10 28 13 13-0402	EA	30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Gamco MS-1)	144.54	22.61
10 28 13 13-0403	EA	36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36)	162.25	22.61
10 28 13 13-0404	EA	36" Length, Utility Hook Strip (Gamco HCS-2)	106.76	22.61
10 28 13 13-0405	EA	36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36)	305.30	22.61
10 28 13 13-0406	EA	34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34)	441.86	22.61
10 28 13 13-0407		**Removal And Reinstallation Of Bathroom Accessories** *(10 28 13 13)*		
10 28 13 13-0408	EA	Removal And Reinstallation Of Bathroom Accessory	31.41	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 63		**Detention Toilet Accessories** *(10 28 13)*		
10 28 13 63-0001		Ligature Resistant, Toilet Accessories *(10 28 13 63)*		
10 28 13 63-0002	EA	Recessed Mounted, White, Enviro-Glaze, Ligature Resistant, Toilet Paper Holder (Whitehall MFG WH1847)	765.57	102.30
10 28 13 63-0003		Ligature Resistant, Mirrors *(10 28 13 63)*		
10 28 13 63-0004	EA	16" Width x 26" Height, Framed, Ligature Resistant, Solid Surface Infused Mirror (Whitehall WH1815-OCC11)	556.67	22.38
10 28 13 63-0005		Ligature Resistant, Stainless Steel Grab Bar *(10 28 13 63)*		
10 28 13 63-0006	EA	18" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001180)	188.40	20.09
10 28 13 63-0007	EA	24" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001240)	197.06	20.09
10 28 13 63-0008	EA	36" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001360)	202.82	20.09
10 28 13 63-0009	EA	42" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-001420)	224.91	20.09
10 28 13 63-0010	EA	60" Length, 1-1/2" Diameter, 18 Gauge, Ligature Resistant, Stainless Steel Security Grab Bar (Bradley SA70-002600)	459.36	20.09
10 28 13 63-0011	EA	36" Length, 1-1/2" Diameter, Ligature Resistant, Satin Finish, Stainless Steel Grab Bar with Closure Plate (Whitehall WH1109-4)	422.25	22.38
10 28 16		**Bath Accessories** *(10 28)*		
10 28 16 13		**Residential Bath Accessories** *(10 28 16)*		
10 28 16 13-0001		Residential Toilet Accessories *(10 28 16 13)*		
10 28 16 13-0002		Residential Shower Curtain Rod *(10 28 16 13-0001)*		
		Note: Includes end brackets. See CSI section 10 28 13 13-0217 for shower curtain rods.		
10 28 16 13-0003		Residential, Recessed, Chrome Plated Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0004	EA	Single Roll, Recessed Mounted, Chrome Plated Toilet Paper Holder	106.53	22.61
10 28 16 13-0005	EA	Recessed Mounted, Chrome Plated Soap Dish	156.20	22.61
10 28 16 13-0006	EA	Recessed Mounted, Chrome Plated Soap Dish And Bar	166.30	22.61
10 28 16 13-0007	EA	Recessed Mounted, Chrome Plated Tumbler Holder	110.81	22.61
10 28 16 13-0008		Residential, Surface Mounted, Chrome Plated Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0009	EA	Surface Mounted, Chrome Plated Soap Dish	70.49	15.07
10 28 16 13-0010	EA	Surface Mounted, Chrome Plated Single Clothes Hook	81.75	15.07
10 28 16 13-0011	EA	Surface Mounted, Chrome Plated Double Clothes Hook	81.75	15.07
10 28 16 13-0012	LF	6" Deep, Surface Mounted, Glass Shelf With Chrome Plated Supports	169.52	15.07
10 28 16 13-0013	LF	6" Deep, Surface Mounted, Stainless Steel Shelf	141.20	15.07
10 28 16 13-0014	EA	18" Length, Surface Mounted, Chrome Plated Towel Bar	90.63	20.09
10 28 16 13-0015	EA	24" Length, Surface Mounted, Chrome Plated Towel Bar	91.89	20.09
10 28 16 13-0016	EA	Surface Mounted, Chrome Plated Towel Ring	67.71	15.07
10 28 16 13-0017	EA	Surface Mounted, Chrome Plated Tumbler And Toothbrush Holder	60.43	10.05
10 28 16 13-0018	EA	Single Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	70.49	15.07
10 28 16 13-0019	EA	Two Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	145.97	15.07
10 28 16 13-0020	EA	Surface Mounted, Chrome Plated Globe Soap Dispenser	85.64	15.07
10 28 16 13-0021	EA	Surface Mounted, Chrome Plated Towel Pin	90.74	10.05
10 28 16 13-0022	EA	Surface Mounted, Chrome Plated Towel Ladder And Shelf	282.44	15.07
10 28 16 13-0023	EA	Surface Mounted, Retractable Chrome Plated Bath/Shower Clothesline	135.67	15.07
10 28 16 13-0024	EA	24" Length, Cut To Size Towel Bar, Surface Mounted, Ceramic Base Towel Bar	78.23	15.07
10 28 16 13-0025	EA	Surface Mounted, Chrome, Double Standard Toilet Tissue Holder (Frost 150)	111.12	22.38
10 28 16 13-0026	EA	Surface Mounted, Chrome, Standard Toilet Tissue Holder (Frost 146)	105.09	22.38
10 28 16 13-0027		Residential Medicine Cabinets, Solid Oak *(10 28 16 13-0001)*		
		Note: Surface or recessed mounted, premium quality.		
10 28 16 13-0028	EA	24" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	647.71	50.24
10 28 16 13-0029	EA	24" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	783.29	50.24
10 28 16 13-0030	EA	30" x 30" Unlighted, Solid Oak Medicine Cabinet With Mirror	690.43	50.24
10 28 16 13-0031	EA	30" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	841.55	50.24
10 28 16 13-0032	EA	36" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	717.37	50.24
10 28 16 13-0033	EA	36" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	892.75	50.24
10 28 16 13-0034	EA	48" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	754.36	50.24
10 28 16 13-0035	EA	48" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	955.31	50.24
10 28 16 13-0036		Residential Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0037	EA	Surface Mounted Plastic Paper Towel Dispenser	105.65	22.61
10 28 16 13-0038	EA	Surface Mounted Plastic Napkin Disposal	92.31	22.61
10 28 16 13-0039	EA	50 Fluid Ounce, Plastic Soap Dispenser For Soaps And Detergent	97.02	
10 28 16 13-0040	EA	50 Fluid Ounce, Plastic Soap Dispenser For Antibacterial Soaps	111.15	22.61
10 28 16 13-0041	EA	Multi Roll (2) Plastic Toilet Tissue Dispenser	105.69	22.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 16 13-0042	EA	Single Jumbo Roll Plastic Toilet Tissue Dispenser	129.53	27.63
10 28 16 13-0043	EA	Surface Mounted Plastic Toilet Seat Cover Dispenser	70.06	20.09
10 28 16 13-0044	EA	13 Gallon Plastic Waste Door For Countertops	255.91	37.68

10 28 19 Tub and Shower Enclosures *(10 28)*

10 28 19 16 Shower Doors *(10 28 19)*

10 28 19 16-0001 Swinging Shower Doors *(10 28 19 16)*

10 28 19 16-0002 Framed, Swinging Shower Doors *(10 28 19 16-0001)*

10 28 19 16-0003	EA	24-1/4" To 26" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00801)	462.09	54.23
10 28 19 16-0004	EA	27-1/4" To 29" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00802)	485.25	27.12
10 28 19 16-0005	EA	29-5/8" To 31-3/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00803)	581.35	27.12
10 28 19 16-0006	EA	33-1/8" To 34-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00804)	482.79	27.12
10 28 19 16-0007	EA	35-1/8" To 36-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00805)	515.60	27.12

10 28 19 16-0008 Frameless, Swinging Shower Doors *(10 28 19 16-0001)*

10 28 19 16-0009	EA	24-9/16" To 25-7/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0301D)	709.26	27.12
10 28 19 16-0010	EA	31-1/16" To 31-15/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0302D)	741.38	27.12
10 28 19 16-0011	EA	32-11/16" To 33-9/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0303D)	771.61	27.12
10 28 19 16-0012	EA	34-3/16" To 35-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0304D)	803.73	27.12
10 28 19 16-0013	EA	35-3/16" To 36-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0305D)	834.90	27.12

10 28 19 16-0014 Sliding Shower Doors *(10 28 19 16)*

10 28 19 16-0015 Framed, Sliding Shower Doors *(10 28 19 16-0014)*

10 28 19 16-0016	EA	40" To 42" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00735)	774.70	27.12
10 28 19 16-0017	EA	44" To 46" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00745)	709.70	27.12
10 28 19 16-0018	EA	46" To 48" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00775)	727.21	27.12
10 28 19 16-0019	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00729)	745.83	27.12
10 28 19 16-0020	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00794)	756.22	27.12
10 28 19 16-0021	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00795)	771.59	27.12

10 28 19 16-0022 Frameless, Sliding Shower Doors *(10 28 19 16-0014)*

10 28 19 16-0023	EA	40" To 44" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00335)	803.17	27.12
10 28 19 16-0024	EA	44" To 48" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00345)	979.98	27.12
10 28 19 16-0025	EA	56" To 60" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00394)	1,039.50	27.12
10 28 19 16-0026	EA	40" To 44" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00330)	938.54	27.12
10 28 19 16-0027	EA	44" To 48" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00370)	951.57	27.12
10 28 19 16-0028	EA	56" To 60" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00390)	1,072.68	27.12

10 28 19 19 Tub Doors *(10 28 19)*

10 28 19 19-0001 Sliding Bathtub Doors *(10 28 19 19)*

10 28 19 19-0002 Framed, Sliding Bathtub Doors *(10 28 19 19-0001)*

10 28 19 19-0003	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00725)	690.16	27.12
10 28 19 19-0004	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00749)	697.65	27.12
10 28 19 19-0005	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00750)	714.59	27.12

10 30 Fireplaces and Stoves *(10)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 31 Manufactured Fireplaces *(10 30)*

10 31 13 Manufactured Fireplace Chimneys *(10 31)*

See CSI section 23 51 00 00-0000 for chimneys.

10 31 16 Manufactured Fireplace Forms *(10 31)*

10 31 16 00-0001 Prefabricated Fireplaces *(10 31 16)*
Note: Listed by screen width.

10 31 16 00-0002 Radiant Heat Fireplace Inserts *(10 31 16 00-0001)*
Note: Includes insert, screen, grate and vent connection.

10 31 16 00-0003	EA	38" Wide Radiant Heat, Open Front Fireplace Insert		1,488.20	243.78
		For Circulating Heat Fireplace, Add		*55.03*	
10 31 16 00-0004	EA	43" Wide Radiant Heat, Open Front Fireplace Insert		1,581.75	251.33
		For Circulating Heat Fireplace, Add		*59.35*	
10 31 16 00-0005	EA	48" Wide Radiant Heat, Open Front Fireplace Insert		1,704.99	263.90
		For Circulating Heat Fireplace, Add		*64.75*	

10 31 16 00-0006 Radiant Heat Natural Gas Fireplace *(10 31 16 00-0001)*
Note: Includes insert, screen, gas logs and vent connection. Units are remote ready.

10 31 16 00-0007	EA	32" Wide Radiant Heat Natural Gas Fireplace		1,969.67	243.78
		For Circulating Heat Fireplace, Add		*81.51*	
		For Remote Ignition, Add		*74.10*	
10 31 16 00-0008	EA	36" Wide Radiant Heat Natural Gas Fireplace		2,094.44	251.33
		For Circulating Heat Fireplace, Add		*87.55*	
		For Remote Ignition, Add		*79.59*	

10 31 16 00-0009 Vent Free Radiant Heat Natural Gas Fireplace *(10 31 16 00-0001)*
Note: Includes insert, screen, and gas logs. Units are remote ready.

10 31 16 00-0010	EA	26" Wide Vent Free Radiant Heat Natural Gas Fireplace		2,148.79	211.11
		For Circulating Heat Fireplace, Add		*94.96*	
		For Remote Ignition, Add		*86.33*	
10 31 16 00-0011	EA	32" Wide Vent Free Radiant Heat Natural Gas Fireplace		2,399.22	226.20
		For Circulating Heat Fireplace, Add		*107.08*	
		For Remote Ignition, Add		*97.34*	
10 31 16 00-0012	EA	36" Wide Vent Free Radiant Heat Natural Gas Fireplace		2,675.17	251.33
		For Circulating Heat Fireplace, Add		*119.49*	
		For Remote Ignition, Add		*108.63*	
10 31 16 00-0013	EA	42" Wide Vent Free Radiant Heat Natural Gas Fireplace		3,039.84	271.44
		For Circulating Heat Fireplace, Add		*137.33*	
		For Remote Ignition, Add		*124.85*	

10 32 Fireplace Specialties *(10 30)*

10 32 16 Fireplace Inserts *(10 32)*

10 32 16 00-0001 Gas Log Inserts, Vented *(10 32 16)*
Note: Manual controlled.

10 32 16 00-0002	EA	15", 4 Log Set Gas Log Insert		686.80	108.50
10 32 16 00-0003	EA	18", 6 Log Set Gas Log Insert		845.07	108.50
10 32 16 00-0004	EA	21", 6 Log Set Gas Log Insert		891.28	108.50
10 32 16 00-0005	EA	24", 6 or 7 Log Set Gas Log Insert		937.50	108.50
10 32 16 00-0006	EA	30", 7 or 8 Log Set Gas Log Insert		1,192.76	108.50
10 32 16 00-0007	EA	36", 8 to 11 Log Set Gas Log Insert		1,404.94	108.50

10 32 19 Fireplace Screens *(10 32)*

10 32 19 00-0001 Screens, Mounted *(10 32 19)*

10 32 19 00-0002	EA	Black Powder Coated Steel Screen And Frame Note: Fits Heights between 18" to 27" and widths up to 42".		153.64	
10 32 19 00-0003	EA	Stainless Steel Screen And Frame Note: Fits Heights between 18" to 27" and widths up to 42".		262.73	

10 32 23 Fireplace Doors *(10 32)*

10 32 23 00-0001 Glass Doors, Bi-Fold *(10 32 23)*
Note: Includes anodized aluminum enclosure with 2 3/4" top and side panels and a 11/16" bottom panel. Flat black or polished brass finish.

10 32 23 00-0002	EA	29" To 32" Wide Glass Fireplace Door, 25" To 32" Height Note: Includes 1/4" tempered glass.		1,182.25	67.13
		For Wire Mesh Screen, Add		*96.00*	
		For Wire Mesh Door, Add		*152.00*	
10 32 23 00-0003	EA	32" To 35" Wide Glass Fireplace Door, 25" To 32" Height Note: Includes 1/4" tempered glass.		1,291.25	67.13
		For Wire Mesh Screen, Add		*96.00*	
		For Wire Mesh Door, Add		*152.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 32 23 00-0004	EA	35" To 38" Wide Glass Fireplace Door, 25" To 32" Height Note: Includes 1/4" tempered glass.	1,378.45	67.13
		For Wire Mesh Screen, Add	*96.00*	
		For Wire Mesh Door, Add	*152.00*	
10 32 23 00-0005	EA	38" To 43" Wide Glass Fireplace Door, 25" To 32" Height Note: Includes 1/4" tempered glass.	1,483.09	67.13
		For Wire Mesh Screen, Add	*96.00*	
		For Wire Mesh Door, Add	*152.00*	
10 32 23 00-0006		Chimney Dampers / Chimalator *(10 32 23)* Note: Stainless steel top sealing damper cap.		
10 32 23 00-0007	EA	8" x 8" Stainless Steel Chimalator Top Sealing Damper Cap	414.14	18.74
10 32 23 00-0008	EA	8" x 13" Stainless Steel Chimalator Top Sealing Damper Cap	430.37	19.94
10 32 23 00-0009	EA	8" x 18" Stainless Steel Chimalator Top Sealing Damper Cap	557.13	22.73
10 32 23 00-0010	EA	8" x 20" Stainless Steel Chimalator Top Sealing Damper Cap	595.61	22.73
10 32 23 00-0011	EA	10" x 18" Stainless Steel Chimalator Top Sealing Damper Cap	631.38	28.52
10 32 23 00-0012	EA	12" x 12" Stainless Steel Chimalator Top Sealing Damper Cap	487.44	28.52
10 32 23 00-0013	EA	12" x 16" Stainless Steel Chimalator Top Sealing Damper Cap	610.14	34.20
10 32 23 00-0014	EA	13" x 13" Stainless Steel Chimalator Top Sealing Damper Cap	487.44	28.52
10 32 23 00-0015	EA	13" x 18" Stainless Steel Chimalator Top Sealing Damper Cap	610.14	34.20
10 32 23 00-0016	EA	13" x 21" Stainless Steel Chimalator Top Sealing Damper Cap	774.53	34.20
10 32 23 00-0017	EA	16" x 16" Stainless Steel Chimalator Top Sealing Damper Cap	700.30	47.86
10 32 23 00-0018	EA	16" x 20" Stainless Steel Chimalator Top Sealing Damper Cap	861.20	47.86
10 32 23 00-0019	EA	18" x 18" Stainless Steel Chimalator Top Sealing Damper Cap	731.12	50.36
10 32 23 00-0020	EA	18" x 21" Stainless Steel Chimalator Top Sealing Damper Cap	912.90	50.36
10 32 23 00-0021	EA	20" x 20" Stainless Steel Chimalator Top Sealing Damper Cap	980.58	53.15
10 32 23 00-0022	EA	20" x 24" Stainless Steel Chimalator Top Sealing Damper Cap	1,056.37	53.15
10 32 23 00-0023	EA	24" x 24" Stainless Steel Chimalator Top Sealing Damper Cap	1,123.73	56.33
10 41 13 00-0002	EA	18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	1,624.08	32.65
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Dual Locks, Add	*60.00*	
		For Back Key Hook Panel, Add	*58.74*	
		For Swing Key Hook Panel, Add	*157.74*	
		For Non-Locking Weather Housing, Add	*396.22*	
10 41 13 00-0003	EA	18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	1,722.88	32.65
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Dual Locks, Add	*60.00*	
		For Back Key Hook Panel, Add	*58.74*	
		For Swing Key Hook Panel, Add	*157.74*	
		For Second Swing Key Hook Panel, Add	*124.74*	
		For Non-Locking Weather Housing, Add	*396.22*	
10 41 16 00-0002	EA	Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403)	804.02	32.65
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
10 41 16 00-0003	EA	5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200)	705.22	32.65
		For Lift-Off Door, Deduct	*-40.00*	
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*58.71*	
		For Cast-In-Place Concrete Recess Mounting, Add	*119.00*	
10 41 16 00-0004	EA	6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100)	947.29	32.65
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*58.71*	
		For Dual Locks, Add	*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add	*130.00*	
10 41 16 00-0005	EA	7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400)	1,009.04	32.65
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*58.71*	
		For Dual Locks, Add	*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add	*135.00*	

10 40 Safety Specialties *(10)*

10 41 Emergency Access And Information Cabinets *(10 40)*

10 41 13 Fire Department Plan Cabinets *(10 41)*

10 41 13 00-0001 Fire Department Plan Cabinets (Knox) *(10 41 13)*

10 41 16 Emergency Key Cabinets *(10 41)*

10 41 16 00-0001 Emergency Key Cabinets (Knox) *(10 41 16)*

10 44 Fire Protection Specialties *(10 40)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 44 13 Fire Protection Cabinets *(10 44)*

10 44 13 00-0001 Fire Extinguisher Cabinets *(10 44 13)*

10 44 13 00-0002 Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)*

10 44 13 00-0003 Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0004	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	344.11	41.20
10 44 13 00-0005	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	350.54	41.20
10 44 13 00-0006	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	351.82	41.20
10 44 13 00-0007	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	391.70	41.20
10 44 13 00-0008	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	495.89	41.20
10 44 13 00-0009	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	510.04	41.20

10 44 13 00-0010 Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0011	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	355.30	41.20
10 44 13 00-0012	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	361.57	41.20
10 44 13 00-0013	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	372.02	41.20
10 44 13 00-0014	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	389.78	41.20
10 44 13 00-0015	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	444.76	41.20
10 44 13 00-0016	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	461.48	41.20

10 44 13 00-0017 Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0018	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	494.49	41.20
10 44 13 00-0019	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	507.64	41.20
10 44 13 00-0020	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	514.21	41.20
10 44 13 00-0021	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	559.13	41.20
10 44 13 00-0022	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	649.66	41.20
10 44 13 00-0023	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	677.04	41.20

10 44 13 00-0024 Bronze Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0025	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,160.21	41.20
10 44 13 00-0026	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,168.59	41.20
10 44 13 00-0027	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,339.43	41.20

10 44 13 00-0028 Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.

10 44 13 00-0029	EA	10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	427.71	41.20
10 44 13 00-0030	EA	14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	476.59	41.20

10 44 13 00-0031 Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)*

10 44 13 00-0032 Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*

Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0033	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	378.84	41.20
10 44 13 00-0034	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	391.70	41.20
10 44 13 00-0035	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	392.98	41.20
10 44 13 00-0036	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	436.72	41.20
10 44 13 00-0037	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	524.19	41.20
10 44 13 00-0038	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	538.33	41.20

10 44 13 00-0039 Aluminum Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*

Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0040	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	401.93	41.20
10 44 13 00-0041	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	417.60	41.20
10 44 13 00-0042	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	427.00	41.20
10 44 13 00-0043	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	444.76	41.20
10 44 13 00-0044	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	506.40	41.20
10 44 13 00-0045	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	521.03	41.20

10 44 13 00-0046 Stainless Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*

Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0047	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	552.16	41.20
10 44 13 00-0048	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	567.50	41.20
10 44 13 00-0049	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	574.07	41.20
10 44 13 00-0050	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	608.03	41.20
10 44 13 00-0051	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	692.38	41.20
10 44 13 00-0052	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	711.00	41.20

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0053		**Bronze Door And Trim, Semi Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0054	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,458.52	41.20
10 44 13 00-0055	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,465.55	41.20
10 44 13 00-0056	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,677.75	41.20
10 44 13 00-0057		**Acrylic Bubble Door And Steel Trim, Semi Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0058	EA	10-1/2" x 24" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	474.02	41.20
10 44 13 00-0059	EA	14" x 30" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	520.33	41.20
10 44 13 00-0060		**Surface Mounted Fire Extinguisher Cabinets** *(10 44 13 00-0001)*		
10 44 13 00-0061		**Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0062	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	368.55	41.20
10 44 13 00-0063	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	376.26	41.20
10 44 13 00-0064	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	438.00	41.20
10 44 13 00-0065	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	513.90	41.20
10 44 13 00-0066	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	534.48	41.20
10 44 13 00-0067		**Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0068	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	501.18	41.20
10 44 13 00-0069	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	514.76	41.20
10 44 13 00-0070	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	545.06	41.20
10 44 13 00-0071	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	604.61	41.20
10 44 13 00-0072	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	629.68	41.20
10 44 13 00-0073		**Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0074	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	647.47	41.20
10 44 13 00-0075	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	668.28	41.20
10 44 13 00-0076	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	719.77	41.20
10 44 13 00-0077	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	819.45	41.20
10 44 13 00-0078	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	850.13	41.20
10 44 13 00-0079		**Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0080	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	1,671.12	41.20
10 44 13 00-0081	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	1,881.70	41.20
10 44 13 00-0082		**Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0083	EA	13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	445.72	41.20
10 44 13 00-0084	EA	17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	502.32	41.20
10 44 13 00-0085	EA	31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	700.41	41.20
10 44 13 00-0086		**Fire Extinguisher Cabinet Accessories** *(10 44 13 00-0001)*		
10 44 13 00-0087	EA	Standard Break Glass Cylinder Lock Mechanism	35.00	12.56
10 44 13 00-0088	EA	Breaker Bar And Chain For Break Glass Cabinets	31.54	12.56
10 44 13 00-0089	EA	Replacement Of Standard Pull Handle	29.44	
10 44 13 00-0090	EA	Fire Extinguisher Cabinet Battery Operated Alarm	94.68	25.12
10 44 13 00-0091	EA	Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	221.02	
10 44 13 00-0092	EA	Fire Rated Option For 12" x 27" x 7-3/4" Cabinets	243.12	
10 44 13 00-0093	EA	Fire Rated Option For 16" x 32" x 7-3/4" Cabinets	331.53	
10 44 13 00-0094	EA	Fire Rated Option For 20" x 27" x 7-3/4" Cabinets	453.09	
10 44 13 00-0095	EA	Fire Rated Option For 9" x 18" x 5-1/2" Cabinets	530.45	
10 44 13 00-0096	EA	Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets	128.19	
10 44 13 00-0097	EA	Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	132.61	
10 44 13 00-0098	EA	Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets	176.82	
10 44 13 00-0099	EA	Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets	320.48	
10 44 13 00-0100	EA	Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets	324.90	
10 44 13 00-0101	EA	Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets	107.94	
10 44 13 00-0102	EA	Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets	113.34	
10 44 13 00-0103	EA	Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets	152.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0104	EA	Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets	269.85	
10 44 13 00-0105	EA	Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets	273.45	
10 44 13 00-0106		**Fire Hose Cabinets** *(10 44 13)*		
		Note: Excludes hoses, hose rack units, fire extinguishers and valves. See CSI section 21 12 13 00-0001 for fire hoses and nozzles, 21 12 13 00-0015 for fire hose rack units, 21 12 23 00-0014 for fire hose angle valves.		
10 44 13 00-0107		**Recessed Fire Hose Cabinets** *(10 44 13 00-0106)*		
10 44 13 00-0108		**Steel Door And Trim, Recessed Fire Hose Cabinets** *(10 44 13 00-0107)*		
		Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0109	EA	34" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	616.09	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0110	EA	34" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	626.77	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0111	EA	38" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	635.67	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0112	EA	38" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	644.58	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0113	EA	30" x 30" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	655.26	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0114	EA	38" x 32" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	683.72	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0115	EA	23" x 18" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	692.63	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0116		**Aluminum Door And Trim, Recessed Fire Hose Cabinets** *(10 44 13 00-0107)*		
		Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0117	EA	34" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	669.34	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0118	EA	30" x 30" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	686.73	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0119	EA	34" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	688.99	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0120	EA	38" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	696.22	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0121	EA	38" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	705.71	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0122	EA	38" x 32" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	732.59	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0123	EA	23" x 18" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	759.47	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0124		**Stainless Steel Door And Trim, Recessed Fire Hose Cabinets** *(10 44 13 00-0107)*		
		Note: Includes #4 finish, stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0125	EA	23" x 18" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	810.56	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0126	EA	34" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	890.40	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0127	EA	34" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	898.07	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0128	EA	38" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	922.64	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0129	EA	38" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	930.32	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0130	EA	30" x 30" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	970.23	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0131	EA	38" x 32" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,010.15	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0132		**Semi Recessed Fire Hose Cabinets** *(10 44 13 00-0106)*		
10 44 13 00-0133		**Steel Door And Trim, Semi Recessed Fire Hose Cabinets** *(10 44 13 00-0132)*		
		Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0134	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	644.58	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0135	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	655.26	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0136	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	664.14	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0137	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	674.82	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0138	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	683.72	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0139	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	712.19	149.66
		For Solid Steel Door, Deduct	*-8.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0140	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	722.87	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0141		**Aluminum Door And Trim, Semi Recessed Fire Hose Cabinets** *(10 44 13 00-0132)*		
		Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0142	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	686.73	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0143	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	705.71	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0144	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	708.42	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0145	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	713.62	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0146	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	723.10	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0147	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	749.98	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0148	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	776.87	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0149		**Stainless Steel Door And Trim, Semi Recessed Fire Hose Cabinets** *(10 44 13 00-0132)*		
		Note: Includes #4 finish, 304 stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0150	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	858.16	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0151	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	945.67	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0152	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	953.34	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0153	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	977.91	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0154	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	985.58	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0155	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	1,025.50	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0156	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	1,065.42	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0157		**Surface Mount Fire Hose Cabinets** *(10 44 13 00-0106)*		
10 44 13 00-0158		**Steel Door And Trim, Surface Mount Fire Hose Cabinets** *(10 44 13 00-0157)*		
		Note: Includes baked enamel finish, steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0159	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	655.26	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0160	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	664.14	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0161	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	674.82	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0162	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	683.72	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0163	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	692.63	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0164	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	722.87	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0165	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	731.77	149.66
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0166		**Aluminum Door And Trim, Surface Mount Fire Hose Cabinets** *(10 44 13 00-0157)*		
		Note: Includes clear satin anodized finish, aluminum door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0167	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	732.59	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0168	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	749.98	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0169	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	754.50	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0170	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	759.47	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0171	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	767.38	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0172	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	795.84	149.66
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0173	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	813.24	149.66
		For Solid Aluminum Door, Add	*6.50*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0174		Stainless Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)* Note: Includes #4 finish, 304 stainless steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0175	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	922.64	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0176	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,177.49	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0177	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,241.97	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0178	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,257.33	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0179	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,272.68	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0180	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,337.16	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0181	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,417.00	149.66
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 16 Fire Extinguishers *(10 44)*

10 44 16 13 Portable Fire Extinguishers *(10 44 16)*

Note: Includes filling, certification, bracket, hardware and mounting on wall.

10 44 16 13-0001		Carbon Dioxide Type, Class BC Portable Fire Extinguisher *(10 44 16 13)*		
10 44 16 13-0002	EA	2.5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	201.95	13.06
		For >5 To 10, Deduct	*-6.75*	
		For >10, Deduct	*-13.50*	
		For Placement In Cabinet, Deduct	*-33.50*	
10 44 16 13-0003	EA	5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	300.35	15.07
		For >5 To 10, Deduct	*-11.15*	
		For >10, Deduct	*-22.31*	
		For Placement In Cabinet, Deduct	*-38.65*	
10 44 16 13-0004	EA	10 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	390.68	19.09
		For >5 To 10, Deduct	*-14.51*	
		For >10, Deduct	*-29.02*	
		For Placement In Cabinet, Deduct	*-50.24*	
10 44 16 13-0005	EA	15 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	480.53	24.11
		For >5 To 10, Deduct	*-17.75*	
		For >10, Deduct	*-35.49*	
		For Placement In Cabinet, Deduct	*-62.80*	
10 44 16 13-0006	EA	20 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	538.52	24.11
		For >5 To 10, Deduct	*-20.65*	
		For >10, Deduct	*-41.29*	
		For Placement In Cabinet, Deduct	*-62.80*	
10 44 16 13-0007	EA	50 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher	1,782.51	38.18
		For >5 To 10, Deduct	*-79.08*	
		For >10, Deduct	*-158.16*	
10 44 16 13-0008	EA	100 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher	3,545.30	38.18
		For >5 To 10, Deduct	*-167.22*	
		For >10, Deduct	*-334.43*	
10 44 16 13-0009		Dry Chemical Type, Class ABC Portable Fire Extinguisher *(10 44 16 13)*		
10 44 16 13-0010	EA	2.6 LB Dry Chemical, Type ABC Portable Fire Extinguisher	118.45	13.06
		For >5 To 10, Deduct	*-2.57*	
		For >10, Deduct	*-5.15*	
		For Placement In Cabinet, Deduct	*-33.50*	
10 44 16 13-0011	EA	5 LB Dry Chemical, Type ABC Portable Fire Extinguisher	150.28	15.07
		For >5 To 10, Deduct	*-3.65*	
		For >10, Deduct	*-7.30*	
		For Placement In Cabinet, Deduct	*-38.65*	
10 44 16 13-0012	EA	10 LB Dry Chemical, Type ABC Portable Fire Extinguisher	216.67	19.09
		For >5 To 10, Deduct	*-5.81*	
		For >10, Deduct	*-11.62*	
		For Placement In Cabinet, Deduct	*-50.24*	
10 44 16 13-0013	EA	20 LB Dry Chemical, Type ABC Portable Fire Extinguisher	308.46	24.11
		For >5 To 10, Deduct	*-9.14*	
		For >10, Deduct	*-18.29*	
		For Placement In Cabinet, Deduct	*-62.80*	
10 44 16 13-0014	EA	50 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher	2,147.15	38.18
		For >5 To 10, Deduct	*-97.31*	
		For >10, Deduct	*-194.62*	
10 44 16 13-0015	EA	125 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher	3,213.03	38.18
		For >5 To 10, Deduct	*-150.60*	
		For >10, Deduct	*-301.21*	
10 44 16 13-0016		Other Portable Fire Extinguishers *(10 44 16 13)*		
10 44 16 13-0017	EA	2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher Note: Stainless steel.	226.99	15.07
		For >5 To 10, Deduct	*-7.48*	
		For >10, Deduct	*-14.97*	
		For Placement In Cabinet, Deduct	*-38.65*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 16 13-0018	EA	1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	341.63	24.11
		For >5 To 10, Deduct	*-10.80*	
		For >10, Deduct	*-21.60*	
		For Placement In Cabinet, Deduct	*-62.80*	
10 44 16 13-0019	EA	2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	365.16	24.11
		For >5 To 10, Deduct	*-11.98*	
		For >10, Deduct	*-23.96*	
		For Placement In Cabinet, Deduct	*-62.80*	
10 44 16 13-0020	EA	30 LB Dry Powder, Class D Portable Fire Extinguisher Note: Yellow steel.	527.74	24.11
		For >5 To 10, Deduct	*-20.11*	
		For >10, Deduct	*-40.21*	
10 44 16 13-0021		Fire Extinguisher Backboards *(10 44 16 13)*		
10 44 16 13-0022		Fire Extinguisher Backboards *(10 44 16 13-0021)* Note: Mounted to any wall. Includes anchors.		
10 44 16 13-0023	EA	Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard	115.00	17.22
10 44 16 13-0024	EA	Relocate Fire Extinguisher Wood Backboard, Any Size Note: Includes storage and cleaning.	152.00	
10 44 16 13-0025		Inspections And Testing *(10 44 16 13)*		
10 44 16 13-0026	EA	On Site Fire Extinguisher Annual Inspection (Tag)	10.79	
10 44 16 13-0027	EA	On Site Fire Extinguisher Hydrotest	15.86	
10 44 19		**Fire Blankets** *(10 44)*		
10 44 19 00-0001	EA	Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	446.57	41.20
10 44 19 00-0002	EA	Drop Type Fire Blanket Cabinet (JL Industries 2FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	324.37	41.20
10 45		**Photoluminescent Exit Specialties** *(10 40)*		
10 45 00 00-0001		Photoluminescent Illuminated Egress Markings *(10 45)*		
10 45 00 00-0002	LF	1" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors Note: Peel and stick.	8.79	
		For Wall Applied, Add	*0.90*	
10 45 00 00-0003	LF	1-1/2" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors Note: Peel and stick.	9.32	
		For Wall Applied, Add	*0.90*	
10 45 00 00-0004	LF	2" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors Note: Peel and stick.	9.84	
		For Wall Applied, Add	*0.90*	
10 45 00 00-0005	LF	1-1/2" Wide Egress / Exit Photoluminescent Path Marking Tape With Arrows Applied To Floors Note: Peel and stick.	9.32	
		For Wall Applied, Add	*0.90*	
10 45 00 00-0006	LF	2" Wide Egress / Exit Photoluminescent Path Marking Tape With Arrows Applied To Floors Note: Peel and stick.	10.37	
		For Wall Applied, Add	*0.90*	
10 45 00 00-0007	LF	1-1/2" Wide Egress Photoluminescent Danger Warning Marking Tape With Stripes Applied To Floors Note: Peel and stick.	11.03	
		For Wall Applied, Add	*0.90*	
10 45 00 00-0008	EA	1" Wide x 48" Long Photoluminescent Strip Exit Path Marking Applied To Floors Note: Self adhesive, high bond foam backing.	48.18	
10 45 00 00-0009	EA	1" Wide x 30" Long Aluminum Stair Nosing With Photoluminescent Strip Note: Self adhesive, high bond foam backing.	47.55	
10 50		**Storage Specialties** *(10)*		
10 51		**Lockers** *(10 50)*		
10 51 13		**Metal Lockers** *(10 51)*		
10 51 13 00-0001		Institutional And Corridor Lockers *(10 51 13)* Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.		
10 51 13 00-0002		Single Tier Institutional Or Corridor Locker *(10 51 13 00-0001)* Note: Includes one hat shelf, three single hooks and one double hook.		
10 51 13 00-0003	EA	12" x 12" x 48" Single Tier Institutional Or Corridor Locker	290.86	31.15
		For >25 To 50, Deduct	*-11.43*	
		For >50 To 100, Deduct	*-23.79*	
		For >100, Deduct	*-36.15*	
		For 14 Gauge Doors, Add	*18.28*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0004	EA	12" x 15" x 48" Single Tier Institutional Or Corridor Locker	299.92	31.15
		For >25 To 50, Deduct	*-11.88*	
		For >50 To 100, Deduct	*-24.70*	
		For >100, Deduct	*-37.51*	
		For 14 Gauge Doors, Add	*19.01*	
10 51 13 00-0005	EA	12" x 18" x 48" Single Tier Institutional Or Corridor Locker	308.95	31.15
		For >25 To 50, Deduct	*-12.33*	
		For >50 To 100, Deduct	*-25.60*	
		For >100, Deduct	*-38.87*	
		For 14 Gauge Doors, Add	*19.73*	
10 51 13 00-0006	EA	12" x 12" x 60" Single Tier Institutional Or Corridor Locker	274.32	31.15
		For >25 To 50, Deduct	*-10.60*	
		For >50 To 100, Deduct	*-22.14*	
		For >100, Deduct	*-33.67*	
		For 14 Gauge Doors, Add	*16.96*	
10 51 13 00-0007	EA	12" x 15" x 60" Single Tier Institutional Or Corridor Locker	285.55	31.15
		For >25 To 50, Deduct	*-11.16*	
		For >50 To 100, Deduct	*-23.26*	
		For >100, Deduct	*-35.36*	
		For 14 Gauge Doors, Add	*17.86*	
10 51 13 00-0008	EA	12" x 18" x 60" Single Tier Institutional Or Corridor Locker	300.91	31.15
		For >25 To 50, Deduct	*-11.93*	
		For >50 To 100, Deduct	*-24.80*	
		For >100, Deduct	*-37.66*	
		For 14 Gauge Doors, Add	*19.09*	
10 51 13 00-0009	EA	12" x 12" x 72" Single Tier Institutional Or Corridor Locker	299.64	32.15
		For >25 To 50, Deduct	*-11.77*	
		For >50 To 100, Deduct	*-24.50*	
		For >100, Deduct	*-37.23*	
		For 14 Gauge Doors, Add	*18.83*	
10 51 13 00-0010	EA	12" x 15" x 72" Single Tier Institutional Or Corridor Locker	308.95	32.15
		For >25 To 50, Deduct	*-12.23*	
		For >50 To 100, Deduct	*-25.43*	
		For >100, Deduct	*-38.63*	
		For 14 Gauge Doors, Add	*19.57*	
10 51 13 00-0011	EA	12" x 18" x 72" Single Tier Institutional Or Corridor Locker	318.03	32.15
		For >25 To 50, Deduct	*-12.69*	
		For >50 To 100, Deduct	*-26.34*	
		For >100, Deduct	*-39.99*	
		For 14 Gauge Doors, Add	*20.30*	
10 51 13 00-0012	EA	15" x 15" x 72" Single Tier Institutional Or Corridor Locker	333.71	32.15
		For >25 To 50, Deduct	*-13.47*	
		For >50 To 100, Deduct	*-27.90*	
		For >100, Deduct	*-42.34*	
		For 14 Gauge Doors, Add	*21.55*	
10 51 13 00-0013	EA	15" x 18" x 72" Single Tier Institutional Or Corridor Locker	349.22	32.15
		For >25 To 50, Deduct	*-14.25*	
		For >50 To 100, Deduct	*-29.46*	
		For >100, Deduct	*-44.67*	
		For 14 Gauge Doors, Add	*22.79*	
10 51 13 00-0014	EA	18" x 18" x 72" Single Tier Institutional Or Corridor Locker	365.65	32.15
		For >25 To 50, Deduct	*-15.07*	
		For >50 To 100, Deduct	*-31.10*	
		For >100, Deduct	*-47.13*	
		For 14 Gauge Doors, Add	*24.11*	
10 51 13 00-0015	EA	18" x 21" x 72" Single Tier Institutional Or Corridor Locker	380.82	32.15
		For >25 To 50, Deduct	*-15.83*	
		For >50 To 100, Deduct	*-32.62*	
		For >100, Deduct	*-49.41*	
		For 14 Gauge Doors, Add	*25.32*	
10 51 13 00-0016	EA	24" x 24" x 72" Single Tier Institutional Or Corridor Locker	519.43	32.15
		For >25 To 50, Deduct	*-22.76*	
		For >50 To 100, Deduct	*-46.48*	
		For >100, Deduct	*-70.20*	
		For 14 Gauge Doors, Add	*36.41*	

10 51 13 00-0017 Two Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*

Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0018	EA	12" x 12" x 60" Two Tier Institutional Or Corridor Locker	325.86	32.15
		For >25 To 50, Deduct	*-13.08*	
		For >50 To 100, Deduct	*-27.12*	
		For >100, Deduct	*-41.16*	
		For 14 Gauge Doors, Add	*28.77*	
10 51 13 00-0019	EA	12" x 15" x 60" Two Tier Institutional Or Corridor Locker	332.94	32.15
		For >25 To 50, Deduct	*-13.43*	
		For >50 To 100, Deduct	*-27.83*	
		For >100, Deduct	*-42.22*	
		For 14 Gauge Doors, Add	*29.55*	
10 51 13 00-0020	EA	12" x 18" x 60" Two Tier Institutional Or Corridor Locker	340.07	32.15
		For >25 To 50, Deduct	*-13.79*	
		For >50 To 100, Deduct	*-28.54*	
		For >100, Deduct	*-43.29*	
		For 14 Gauge Doors, Add	*30.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0021	EA	12" x 12" x 72" Two Tier Institutional Or Corridor Locker	340.86	33.16
		For >25 To 50, Deduct	*-13.73*	
		For >50 To 100, Deduct	*-28.45*	
		For >100, Deduct	*-43.17*	
		For 14 Gauge Doors, Add	*30.20*	
10 51 13 00-0022	EA	12" x 15" x 72" Two Tier Institutional Or Corridor Locker	356.34	33.16
		For >25 To 50, Deduct	*-14.50*	
		For >50 To 100, Deduct	*-30.00*	
		For >100, Deduct	*-45.49*	
		For 14 Gauge Doors, Add	*31.90*	
10 51 13 00-0023	EA	12" x 18" x 72" Two Tier Institutional Or Corridor Locker	365.68	33.16
		For >25 To 50, Deduct	*-14.97*	
		For >50 To 100, Deduct	*-30.93*	
		For >100, Deduct	*-46.89*	
		For 14 Gauge Doors, Add	*32.93*	
10 51 13 00-0024	EA	15" x 15" x 72" Two Tier Institutional Or Corridor Locker	379.06	33.16
		For >25 To 50, Deduct	*-15.64*	
		For >50 To 100, Deduct	*-32.27*	
		For >100, Deduct	*-48.90*	
		For 14 Gauge Doors, Add	*34.40*	
10 51 13 00-0025	EA	15" x 18" x 72" Two Tier Institutional Or Corridor Locker	392.51	33.16
		For >25 To 50, Deduct	*-16.31*	
		For >50 To 100, Deduct	*-33.61*	
		For >100, Deduct	*-50.92*	
		For 14 Gauge Doors, Add	*35.88*	
10 51 13 00-0026	EA	18" x 18" x 72" Two Tier Institutional Or Corridor Locker	453.34	33.16
		For >25 To 50, Deduct	*-19.35*	
		For >50 To 100, Deduct	*-39.70*	
		For >100, Deduct	*-60.04*	
		For 14 Gauge Doors, Add	*42.57*	
10 51 13 00-0027	EA	18" x 21" x 72" Two Tier Institutional Or Corridor Locker	464.39	33.16
		For >25 To 50, Deduct	*-19.90*	
		For >50 To 100, Deduct	*-40.80*	
		For >100, Deduct	*-61.70*	
		For 14 Gauge Doors, Add	*43.79*	

10 51 13 00-0028 Three Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*

Note: Includes one double hook per tier.

10 51 13 00-0029	EA	12" x 12" x 72" Three Tier Institutional Or Corridor Locker	383.95	34.17
		For >25 To 50, Deduct	*-15.78*	
		For >50 To 100, Deduct	*-32.59*	
		For >100, Deduct	*-49.39*	
		For 14 Gauge Doors, Add	*47.34*	
10 51 13 00-0030	EA	12" x 15" x 72" Three Tier Institutional Or Corridor Locker	391.22	34.17
		For >25 To 50, Deduct	*-16.14*	
		For >50 To 100, Deduct	*-33.31*	
		For >100, Deduct	*-50.48*	
		For 14 Gauge Doors, Add	*48.43*	
10 51 13 00-0031	EA	12" x 18" x 72" Three Tier Institutional Or Corridor Locker	417.04	34.17
		For >25 To 50, Deduct	*-17.44*	
		For >50 To 100, Deduct	*-35.90*	
		For >100, Deduct	*-54.36*	
		For 14 Gauge Doors, Add	*52.31*	
10 51 13 00-0032	EA	15" x 15" x 72" Three Tier Institutional Or Corridor Locker	441.78	34.17
		For >25 To 50, Deduct	*-18.67*	
		For >50 To 100, Deduct	*-38.37*	
		For >100, Deduct	*-58.07*	
		For 14 Gauge Doors, Add	*56.02*	
10 51 13 00-0033	EA	15" x 18" x 72" Three Tier Institutional Or Corridor Locker	461.47	34.17
		For >25 To 50, Deduct	*-19.66*	
		For >50 To 100, Deduct	*-40.34*	
		For >100, Deduct	*-61.02*	
		For 14 Gauge Doors, Add	*58.97*	

10 51 13 00-0034 Four Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*

10 51 13 00-0035	EA	12" x 12" x 72" Four Tier Institutional Or Corridor Locker	376.25	35.17
		For >25 To 50, Deduct	*-15.30*	
		For >50 To 100, Deduct	*-31.65*	
		For >100, Deduct	*-48.00*	
10 51 13 00-0036	EA	12" x 15" x 72" Four Tier Institutional Or Corridor Locker	388.92	35.17
		For >25 To 50, Deduct	*-15.93*	
		For >50 To 100, Deduct	*-32.91*	
		For >100, Deduct	*-49.90*	
10 51 13 00-0037	EA	12" x 18" x 72" Four Tier Institutional Or Corridor Locker	409.33	35.17
		For >25 To 50, Deduct	*-16.95*	
		For >50 To 100, Deduct	*-34.95*	
		For >100, Deduct	*-52.96*	
10 51 13 00-0038	EA	15" x 15" x 72" Four Tier Institutional Or Corridor Locker	425.65	35.17
		For >25 To 50, Deduct	*-17.77*	
		For >50 To 100, Deduct	*-36.59*	
		For >100, Deduct	*-55.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0039	EA	15" x 18" x 72" Four Tier Institutional Or Corridor Locker	449.16	35.17
		For >25 To 50, Deduct	*-18.94*	
		For >50 To 100, Deduct	*-38.94*	
		For >100, Deduct	*-58.93*	
10 51 13 00-0040		**Six Tier Institutional Or Corridor Locker** *(10 51 13 00-0001)*		
10 51 13 00-0041	EA	12" x 12" x 72" Six Tier Institutional Or Corridor Locker	410.16	36.17
		For >25 To 50, Deduct	*-16.89*	
		For >50 To 100, Deduct	*-34.87*	
		For >100, Deduct	*-52.84*	
10 51 13 00-0042	EA	12" x 15" x 72" Six Tier Institutional Or Corridor Locker	419.93	36.17
		For >25 To 50, Deduct	*-17.38*	
		For >50 To 100, Deduct	*-35.84*	
		For >100, Deduct	*-54.31*	
10 51 13 00-0043	EA	12" x 18" x 72" Six Tier Institutional Or Corridor Locker	438.40	36.17
		For >25 To 50, Deduct	*-18.30*	
		For >50 To 100, Deduct	*-37.69*	
		For >100, Deduct	*-57.08*	
10 51 13 00-0044		**Locker And Coat Rack Combination** *(10 51 13 00-0001)*		
10 51 13 00-0045	EA	45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination	775.24	24.11
10 51 13 00-0046	EA	72" x 18" x 78", 16 Person Locker And Coat Rack Combination	1,235.07	50.24
10 51 13 00-0047		**Athletic Lockers** *(10 51 13)*		
		Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.		
10 51 13 00-0048		**Single Tier Athletic Locker** *(10 51 13 00-0047)*		
		Note: Includes one hat shelf, three single hooks and one double hook.		
10 51 13 00-0049	EA	12" x 15" x 60" Single Tier Athletic Locker	417.15	32.15
		For >25 To 50, Deduct	*-17.64*	
		For >50 To 100, Deduct	*-36.25*	
		For >100, Deduct	*-54.86*	
10 51 13 00-0050	EA	12" x 18" x 60" Single Tier Athletic Locker	432.05	32.15
		For >25 To 50, Deduct	*-18.39*	
		For >50 To 100, Deduct	*-37.74*	
		For >100, Deduct	*-57.09*	
10 51 13 00-0051	EA	15" x 15" x 60" Single Tier Athletic Locker	441.63	32.15
		For >25 To 50, Deduct	*-18.87*	
		For >50 To 100, Deduct	*-38.70*	
		For >100, Deduct	*-58.53*	
10 51 13 00-0052	EA	15" x 18" x 60" Single Tier Athletic Locker	457.54	32.15
		For >25 To 50, Deduct	*-19.66*	
		For >50 To 100, Deduct	*-40.29*	
		For >100, Deduct	*-60.91*	
10 51 13 00-0053	EA	18" x 18" x 60" Single Tier Athletic Locker	526.16	32.15
		For >25 To 50, Deduct	*-23.09*	
		For >50 To 100, Deduct	*-47.15*	
		For >100, Deduct	*-71.21*	
10 51 13 00-0054	EA	18" x 21" x 60" Single Tier Athletic Locker	580.72	32.15
		For >25 To 50, Deduct	*-25.82*	
		For >50 To 100, Deduct	*-52.61*	
		For >100, Deduct	*-79.39*	
10 51 13 00-0055	EA	18" x 24" x 60" Single Tier Athletic Locker	618.04	32.15
		For >25 To 50, Deduct	*-27.69*	
		For >50 To 100, Deduct	*-56.34*	
		For >100, Deduct	*-84.99*	
10 51 13 00-0056	EA	12" x 15" x 72" Single Tier Athletic Locker	433.69	32.15
		For >25 To 50, Deduct	*-18.47*	
		For >50 To 100, Deduct	*-37.90*	
		For >100, Deduct	*-57.34*	
10 51 13 00-0057	EA	12" x 18" x 72" Single Tier Athletic Locker	460.53	32.15
		For >25 To 50, Deduct	*-19.81*	
		For >50 To 100, Deduct	*-40.59*	
		For >100, Deduct	*-61.36*	
10 51 13 00-0058	EA	15" x 15" x 72" Single Tier Athletic Locker	469.96	32.15
		For >25 To 50, Deduct	*-20.28*	
		For >50 To 100, Deduct	*-41.53*	
		For >100, Deduct	*-62.78*	
10 51 13 00-0059	EA	15" x 18" x 72" Single Tier Athletic Locker	487.19	32.15
		For >25 To 50, Deduct	*-21.14*	
		For >50 To 100, Deduct	*-43.25*	
		For >100, Deduct	*-65.36*	
10 51 13 00-0060	EA	18" x 18" x 72" Single Tier Athletic Locker	529.68	32.15
		For >25 To 50, Deduct	*-23.27*	
		For >50 To 100, Deduct	*-47.50*	
		For >100, Deduct	*-71.73*	
10 51 13 00-0061	EA	18" x 21" x 72" Single Tier Athletic Locker	574.20	32.15
		For >25 To 50, Deduct	*-25.49*	
		For >50 To 100, Deduct	*-51.95*	
		For >100, Deduct	*-78.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0062		**Two Tier Athletic Locker** *(10 51 13 00-0047)*		
		Note: Includes three single hooks and one double hook per tier.		
10 51 13 00-0063	EA	12" x 12" x 60" Two Tier Athletic Locker	468.92	33.16
		For >25 To 50, Deduct	*-20.13*	
		For >50 To 100, Deduct	*-41.25*	
		For >100, Deduct	*-62.38*	
10 51 13 00-0064	EA	12" x 15" x 60" Two Tier Athletic Locker	484.78	33.16
		For >25 To 50, Deduct	*-20.92*	
		For >50 To 100, Deduct	*-42.84*	
		For >100, Deduct	*-64.76*	
10 51 13 00-0065	EA	12" x 18" x 60" Two Tier Athletic Locker	502.64	33.16
		For >25 To 50, Deduct	*-21.82*	
		For >50 To 100, Deduct	*-44.63*	
		For >100, Deduct	*-67.44*	
10 51 13 00-0066	EA	15" x 15" x 60" Two Tier Athletic Locker	504.37	33.16
		For >25 To 50, Deduct	*-21.90*	
		For >50 To 100, Deduct	*-44.80*	
		For >100, Deduct	*-67.70*	
10 51 13 00-0067	EA	15" x 18" x 60" Two Tier Athletic Locker	508.09	33.16
		For >25 To 50, Deduct	*-22.09*	
		For >50 To 100, Deduct	*-45.17*	
		For >100, Deduct	*-68.26*	
10 51 13 00-0068	EA	18" x 18" x 60" Two Tier Athletic Locker	539.46	33.16
		For >25 To 50, Deduct	*-23.66*	
		For >50 To 100, Deduct	*-48.31*	
		For >100, Deduct	*-72.96*	
10 51 13 00-0069	EA	18" x 21" x 60" Two Tier Athletic Locker	562.44	33.16
		For >25 To 50, Deduct	*-24.81*	
		For >50 To 100, Deduct	*-50.61*	
		For >100, Deduct	*-76.41*	
10 51 13 00-0070	EA	18" x 24" x 60" Two Tier Athletic Locker	665.06	33.16
		For >25 To 50, Deduct	*-29.94*	
		For >50 To 100, Deduct	*-60.87*	
		For >100, Deduct	*-91.80*	
10 51 13 00-0071	EA	12" x 12" x 72" Two Tier Athletic Locker	486.09	33.16
		For >25 To 50, Deduct	*-20.99*	
		For >50 To 100, Deduct	*-42.97*	
		For >100, Deduct	*-64.96*	
10 51 13 00-0072	EA	12" x 15" x 72" Two Tier Athletic Locker	502.34	33.16
		For >25 To 50, Deduct	*-21.80*	
		For >50 To 100, Deduct	*-44.60*	
		For >100, Deduct	*-67.39*	
10 51 13 00-0073	EA	12" x 18" x 72" Two Tier Athletic Locker	524.48	33.16
		For >25 To 50, Deduct	*-22.91*	
		For >50 To 100, Deduct	*-46.81*	
		For >100, Deduct	*-70.71*	
10 51 13 00-0074	EA	15" x 15" x 72" Two Tier Athletic Locker	527.84	33.16
		For >25 To 50, Deduct	*-23.08*	
		For >50 To 100, Deduct	*-47.15*	
		For >100, Deduct	*-71.22*	
10 51 13 00-0075	EA	15" x 18" x 72" Two Tier Athletic Locker	546.04	33.16
		For >25 To 50, Deduct	*-23.99*	
		For >50 To 100, Deduct	*-48.97*	
		For >100, Deduct	*-73.95*	
10 51 13 00-0076	EA	18" x 18" x 72" Two Tier Athletic Locker	568.40	33.16
		For >25 To 50, Deduct	*-25.10*	
		For >50 To 100, Deduct	*-51.20*	
		For >100, Deduct	*-77.30*	
10 51 13 00-0077	EA	18" x 21" x 72" Two Tier Athletic Locker	618.57	33.16
		For >25 To 50, Deduct	*-27.61*	
		For >50 To 100, Deduct	*-56.22*	
		For >100, Deduct	*-84.83*	
10 51 13 00-0078		**Three Tier Athletic Locker** *(10 51 13 00-0047)*		
		Note: Includes one double hook per tier.		
10 51 13 00-0079	EA	12" x 12" x 60" Three Tier Athletic Locker	509.13	34.17
		For >25 To 50, Deduct	*-22.04*	
		For >50 To 100, Deduct	*-45.10*	
		For >100, Deduct	*-68.17*	
10 51 13 00-0080	EA	12" x 15" x 60" Three Tier Athletic Locker	534.84	34.17
		For >25 To 50, Deduct	*-23.33*	
		For >50 To 100, Deduct	*-47.68*	
		For >100, Deduct	*-72.03*	
10 51 13 00-0081	EA	12" x 18" x 60" Three Tier Athletic Locker	557.56	34.17
		For >25 To 50, Deduct	*-24.46*	
		For >50 To 100, Deduct	*-49.95*	
		For >100, Deduct	*-75.43*	
10 51 13 00-0082	EA	15" x 15" x 60" Three Tier Athletic Locker	573.00	34.17
		For >25 To 50, Deduct	*-25.23*	
		For >50 To 100, Deduct	*-51.49*	
		For >100, Deduct	*-77.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0083	EA	15" x 18" x 60" Three Tier Athletic Locker	598.70	34.17
		For >25 To 50, Deduct	*-26.52*	
		For >50 To 100, Deduct	*-54.06*	
		For >100, Deduct	*-81.61*	
10 51 13 00-0084	EA	12" x 12" x 72" Three Tier Athletic Locker	538.42	34.17
		For >25 To 50, Deduct	*-23.50*	
		For >50 To 100, Deduct	*-48.03*	
		For >100, Deduct	*-72.56*	
10 51 13 00-0085	EA	12" x 15" x 72" Three Tier Athletic Locker	561.63	34.17
		For >25 To 50, Deduct	*-24.67*	
		For >50 To 100, Deduct	*-50.35*	
		For >100, Deduct	*-76.04*	
10 51 13 00-0086	EA	12" x 18" x 72" Three Tier Athletic Locker	593.67	34.17
		For >25 To 50, Deduct	*-26.27*	
		For >50 To 100, Deduct	*-53.56*	
		For >100, Deduct	*-80.85*	
10 51 13 00-0087	EA	15" x 15" x 72" Three Tier Athletic Locker	610.06	34.17
		For >25 To 50, Deduct	*-27.09*	
		For >50 To 100, Deduct	*-55.20*	
		For >100, Deduct	*-83.31*	
10 51 13 00-0088	EA	15" x 18" x 72" Three Tier Athletic Locker	634.66	34.17
		For >25 To 50, Deduct	*-28.32*	
		For >50 To 100, Deduct	*-57.66*	
		For >100, Deduct	*-87.00*	

10 51 13 00-0089 Four Tier Athletic Locker *(10 51 13 00-0047)*

10 51 13 00-0090	EA	12" x 12" x 60" Four Tier Athletic Locker	467.29	35.17
		For >25 To 50, Deduct	*-19.85*	
		For >50 To 100, Deduct	*-40.75*	
		For >100, Deduct	*-61.65*	
10 51 13 00-0091	EA	12" x 15" x 60" Four Tier Athletic Locker	498.78	35.17
		For >25 To 50, Deduct	*-21.42*	
		For >50 To 100, Deduct	*-43.90*	
		For >100, Deduct	*-66.38*	
10 51 13 00-0092	EA	12" x 18" x 60" Four Tier Athletic Locker	530.26	35.17
		For >25 To 50, Deduct	*-23.00*	
		For >50 To 100, Deduct	*-47.05*	
		For >100, Deduct	*-71.10*	
10 51 13 00-0093	EA	15" x 15" x 60" Four Tier Athletic Locker	543.13	35.17
		For >25 To 50, Deduct	*-23.64*	
		For >50 To 100, Deduct	*-48.33*	
		For >100, Deduct	*-73.03*	
10 51 13 00-0094	EA	15" x 18" x 60" Four Tier Athletic Locker	594.84	35.17
		For >25 To 50, Deduct	*-26.23*	
		For >50 To 100, Deduct	*-53.51*	
		For >100, Deduct	*-80.79*	
10 51 13 00-0095	EA	12" x 12" x 72" Four Tier Athletic Locker	499.33	35.17
		For >25 To 50, Deduct	*-21.45*	
		For >50 To 100, Deduct	*-43.95*	
		For >100, Deduct	*-66.46*	
10 51 13 00-0096	EA	12" x 15" x 72" Four Tier Athletic Locker	531.26	35.17
		For >25 To 50, Deduct	*-23.05*	
		For >50 To 100, Deduct	*-47.15*	
		For >100, Deduct	*-71.25*	
10 51 13 00-0097	EA	12" x 18" x 72" Four Tier Athletic Locker	563.19	35.17
		For >25 To 50, Deduct	*-24.64*	
		For >50 To 100, Deduct	*-50.34*	
		For >100, Deduct	*-76.04*	
10 51 13 00-0098	EA	15" x 15" x 72" Four Tier Athletic Locker	579.55	35.17
		For >25 To 50, Deduct	*-25.46*	
		For >50 To 100, Deduct	*-51.98*	
		For >100, Deduct	*-78.49*	
10 51 13 00-0099	EA	15" x 18" x 72" Four Tier Athletic Locker	591.82	35.17
		For >25 To 50, Deduct	*-26.07*	
		For >50 To 100, Deduct	*-53.20*	
		For >100, Deduct	*-80.33*	

10 51 13 00-0100 Six Tier Athletic Locker *(10 51 13 00-0047)*

10 51 13 00-0101	EA	12" x 12" x 72" Six Tier Athletic Locker	555.05	36.17
		For >25 To 50, Deduct	*-24.14*	
		For >50 To 100, Deduct	*-49.36*	
		For >100, Deduct	*-74.58*	
10 51 13 00-0102	EA	12" x 15" x 72" Six Tier Athletic Locker	579.58	36.17
		For >25 To 50, Deduct	*-25.36*	
		For >50 To 100, Deduct	*-51.81*	
		For >100, Deduct	*-78.26*	
10 51 13 00-0103	EA	12" x 18" x 72" Six Tier Athletic Locker	604.07	36.17
		For >25 To 50, Deduct	*-26.59*	
		For >50 To 100, Deduct	*-54.26*	
		For >100, Deduct	*-81.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0104	EA	12" x 21" x 72" Six Tier Athletic Locker	693.44	36.17
		For >25 To 50, Deduct	*-31.05*	
		For >50 To 100, Deduct	*-63.19*	
		For >100, Deduct	*-95.33*	
10 51 13 00-0105		Metal Locker Accessories *(10 51 13)*		
10 51 13 00-0106		Locker Slope Tops *(10 51 13 00-0105)*		
10 51 13 00-0107		16 Gauge Continuous Sloping Hood *(10 51 13 00-0106)*		
10 51 13 00-0108	LF	12" Deep, 16 Gauge Continuous Slope Top	34.20	4.02
10 51 13 00-0109	LF	15" Deep, 16 Gauge Continuous Slope Top	28.61	4.02
10 51 13 00-0110	LF	18" Deep, 16 Gauge Continuous Slope Top	39.92	4.02
10 51 13 00-0111	LF	21" Deep, 16 Gauge Continuous Slope Top	44.26	4.02
10 51 13 00-0112	LF	24" Deep, 16 Gauge Continuous Slope Top	46.30	4.02
10 51 13 00-0113		16 Gauge Slope Top Corner Fillers *(10 51 13 00-0106)*		
10 51 13 00-0114	EA	12" Deep, 16 Gauge Slope Top Corner Fillers	146.36	4.02
10 51 13 00-0115	EA	15" Deep, 16 Gauge Slope Top Corner Fillers	149.53	4.02
10 51 13 00-0116	EA	18" Deep, 16 Gauge Slope Top Corner Fillers	152.68	4.02
10 51 13 00-0117	EA	21" Deep, 16 Gauge Slope Top Corner Fillers	156.51	4.02
10 51 13 00-0118	EA	24" Deep, 16 Gauge Slope Top Corner Fillers	160.29	4.02
10 51 13 00-0119		20 Gauge Individual Slope Top *(10 51 13 00-0106)*		
10 51 13 00-0120	EA	12" Wide x 12" Deep 20 Gauge Individual Slope Top	29.16	4.02
10 51 13 00-0121	EA	12" Wide x 15" Deep 20 Gauge Individual Slope Top	28.96	4.02
10 51 13 00-0122	EA	12" Wide x 18" Deep 20 Gauge Individual Slope Top	32.40	4.02
10 51 13 00-0123	EA	15" Wide x 15" Deep 20 Gauge Individual Slope Top	32.40	4.02
10 51 13 00-0124	EA	15" Wide x 18" Deep 20 Gauge Individual Slope Top	33.21	4.02
10 51 13 00-0125	EA	15" Wide x 21" Deep 20 Gauge Individual Slope Top	36.47	4.02
10 51 13 00-0126	EA	18" Wide x 18" Deep 20 Gauge Individual Slope Top	36.47	4.02
10 51 13 00-0127	EA	18" Wide x 21" Deep 20 Gauge Individual Slope Top	40.74	4.02
10 51 13 00-0128	EA	18" Wide x 24" Deep 20 Gauge Individual Slope Top	45.83	4.02
10 51 13 00-0129		Continuous Slope Top End Closures *(10 51 13 00-0106)*		
10 51 13 00-0130	PR	12" Deep, Continuous Slope Top End Closures	31.19	4.02
10 51 13 00-0131	PR	15" Deep, Continuous Slope Top End Closures	26.28	4.02
10 51 13 00-0132	PR	18" Deep, Continuous Slope Top End Closures	35.24	4.02
10 51 13 00-0133	PR	21" Deep, Continuous Slope Top End Closures	37.28	4.02
10 51 13 00-0134	PR	24" Deep, Continuous Slope Top End Closures	38.67	4.02
10 51 13 00-0135		Individual Slope Top End Closures *(10 51 13 00-0106)*		
10 51 13 00-0136	EA	12" Deep, Individual Slope Top End Closures	19.61	4.02
10 51 13 00-0137	EA	15" Deep, Individual Slope Top End Closures	20.25	4.02
10 51 13 00-0138	EA	18" Deep, Individual Slope Top End Closures	21.66	4.02
10 51 13 00-0139	EA	21" Deep, Individual Slope Top End Closures	22.64	4.02
10 51 13 00-0140	EA	24" Deep, Individual Slope Top End Closures	32.66	4.02
10 51 13 00-0141		Locker Base *(10 51 13 00-0105)*		
10 51 13 00-0142		Closed Front Base *(10 51 13 00-0141)*		
10 51 13 00-0143	EA	12" Wide, 6" High Closed Front Base	20.70	4.02
10 51 13 00-0144	EA	15" Wide, 6" High Closed Front Base	21.76	4.02
10 51 13 00-0145	EA	18" Wide, 6" High Closed Front Base	23.97	4.02
10 51 13 00-0146	EA	24" Wide, 6" High Closed Front Base	25.03	4.02
10 51 13 00-0147		Closed End Base *(10 51 13 00-0141)*		
10 51 13 00-0148	EA	12" Deep, 6" High Closed End Base	23.64	4.02
10 51 13 00-0149	EA	15" Deep, 6" High Closed End Base	23.83	4.02
10 51 13 00-0150	EA	18" Deep, 6" High Closed End Base	25.26	4.02
10 51 13 00-0151	EA	21" Deep, 6" High Closed End Base	26.67	4.02
10 51 13 00-0152	EA	24" Deep, 6" High Closed End Base	28.59	4.02
10 51 13 00-0153		Recessed Continuous Front "Z" Base *(10 51 13 00-0141)*		
10 51 13 00-0154	LF	4" High Recessed Continuous Front "Z" Base	25.29	3.01
10 51 13 00-0155		"Z" Base Ends Or Splice *(10 51 13 00-0141)*		
10 51 13 00-0156	EA	12" Wide, 4" High Z-Base Ends Or Splice	24.79	4.02
10 51 13 00-0157	EA	15" Wide, 4" High Z-Base Ends Or Splice	28.96	4.02
10 51 13 00-0158	EA	18" Wide, 4" High Z-Base Ends Or Splice	33.21	4.02
10 51 13 00-0159	EA	21" Wide, 4" High Z-Base Ends Or Splice	37.69	4.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0160	EA	24" Wide, 4" High Z-Base Ends Or Splice	42.15	4.02
10 51 13 00-0161		**Locker Front Fillers And End Panels** *(10 51 13 00-0105)*		
10 51 13 00-0162		**Locker Front Fillers** *(10 51 13 00-0161)*		
10 51 13 00-0163	EA	6" Wide x 48" High, 16 Gauge Front Filler	32.38	5.03
10 51 13 00-0164	EA	12" Wide x 48" High, 16 Gauge Front Filler	53.69	5.03
10 51 13 00-0165	EA	6" Wide x 60" High, 16 Gauge Front Filler	41.13	5.03
10 51 13 00-0166	EA	12" Wide x 60" High, 16 Gauge Front Filler	64.61	5.03
10 51 13 00-0167	EA	6" Wide x 66" High, 16 Gauge Front Filler	44.96	5.03
10 51 13 00-0168	EA	12" Wide x 66" High, 16 Gauge Front Filler	50.77	5.03
10 51 13 00-0169	EA	6" Wide x 72" High, 16 Gauge Front Filler	49.40	5.03
10 51 13 00-0170	EA	12" Wide x 72" High, 16 Gauge Front Filler	70.95	5.03
10 51 13 00-0171	EA	6" Wide x 78" High, 16 Gauge Front Filler	50.62	5.03
10 51 13 00-0172	EA	12" Wide x 78" High, 16 Gauge Front Filler	59.33	5.03
10 51 13 00-0173		**Locker End Panels** *(10 51 13 00-0161)*		
10 51 13 00-0174	EA	12" Deep x 48" High, 16 Gauge End Panel	55.03	4.02
10 51 13 00-0175	EA	15" Deep x 48" High, 16 Gauge End Panel	67.57	4.02
10 51 13 00-0176	EA	18" Deep x 48" High, 16 Gauge End Panel	79.64	4.02
10 51 13 00-0177	EA	12" Deep x 60" High, 16 Gauge End Panel	65.30	4.02
10 51 13 00-0178	EA	15" Deep x 60" High, 16 Gauge End Panel	74.30	4.02
10 51 13 00-0179	EA	18" Deep x 60" High, 16 Gauge End Panel	88.45	4.02
10 51 13 00-0180	EA	12" Deep x 72" High, 16 Gauge End Panel	77.26	4.02
10 51 13 00-0181	EA	15" Deep x 72" High, 16 Gauge End Panel	88.20	4.02
10 51 13 00-0182	EA	18" Deep x 72" High, 16 Gauge End Panel	102.76	4.02
10 51 13 00-0183	EA	21" Deep x 72" High, 16 Gauge End Panel	118.57	4.02
10 51 13 00-0184		**Locker Recessed Trim** *(10 51 13 00-0105)*		
10 51 13 00-0185	LF	3" Height, Top Trim For Recessed Lockers	10.83	2.01
10 51 13 00-0186	EA	3" Height, Inside And Outside Top Corner Trim For Recessed Lockers	30.54	4.02
10 51 13 00-0187	EA	60" Height, 3" Wide Side Trim For Recessed Lockers	47.41	4.02
10 51 13 00-0188	EA	66" Height, 3" Wide Side Trim For Recessed Lockers	49.19	4.02
10 51 13 00-0189	EA	72" Height, 3" Wide Side Trim For Recessed Lockers	50.96	4.02
10 51 13 00-0190	EA	78" Height, 3" Wide Side Trim For Recessed Lockers	52.52	4.02
10 51 13 00-0191		**Locker Interior Accessories** *(10 51 13 00-0105)*		
10 51 13 00-0192		**Locker Coat Rods** *(10 51 13 00-0191)*		
10 51 13 00-0193	EA	12" Wide Coat Rod	15.70	4.02
10 51 13 00-0194	EA	15" Wide Coat Rod	17.35	4.02
10 51 13 00-0195	EA	18" Wide Coat Rod	18.82	4.02
10 51 13 00-0196	EA	24" Wide Coat Rod	20.12	4.02
10 51 13 00-0197		**Locker Hat Shelf** *(10 51 13 00-0191)*		
10 51 13 00-0198	EA	12" Wide Hat Shelf	19.19	4.02
10 51 13 00-0199	EA	15" Wide Hat Shelf	22.76	4.02
10 51 13 00-0200	EA	18" Wide Hat Shelf	24.28	4.02
10 51 13 00-0201	EA	24" Wide Hat Shelf	30.25	4.02
10 51 13 00-0202		**Locker ADA Compliant Shelf** *(10 51 13 00-0191)*		
10 51 13 00-0203	EA	ADA Compliant Shelf For Single Tier Lockers Note: Includes an ADA label for locker face.	39.05	5.03
10 51 13 00-0204		**Other Interior Locker Accessories** *(10 51 13 00-0191)*		
10 51 13 00-0205	EA	3" x 10" Bent Plate Shoe Rack	52.66	4.02
10 51 13 00-0206	EA	8" x 10" Mirror	41.50	4.02
10 51 13 00-0207	EA	Additional Hook	10.83	4.02
10 51 13 00-0208		**Locker Locks** *(10 51 13 00-0105)*		
10 51 13 00-0209	EA	Built In Combination Lock	45.67	4.02
10 51 13 00-0210		**Steel Basket Racks Mounted On Concrete Base** *(10 51 13)* Note: Includes electroplated baskets with 3/4" x 1" wire mesh sides and bottom with perforated sheet steel front and backs.		
10 51 13 00-0211	EA	9" x 13" x 8" Baskets, 28 Wire Mesh Baskets And Rack	2,181.01	75.36
10 51 13 00-0212	EA	12" x 13" x 8" Baskets, 21 Wire Mesh Baskets And Rack	1,860.25	75.36
10 51 13 00-0213		**All-Welded Steel Lockers** *(10 51 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0214		**All-Welded Steel Lockers** *(10 51 13 00-0213)* Note: Price per frame. Includes diamond perforated, standard louvered or solid doors and sides. Includes all-welded construction with 16 gauge solid top, bottom, and shelves, 14 gauge doors and 4" legs. Includes electrostatically applied enamel powder coat paint finish. Excludes slope top, base fillers, and locks.		
10 51 13 00-0215		**Single Tier, All-Welded Steel Lockers** *(10 51 13 00-0214)* Note: Includes one hat shelf, two single hooks and one double hook.		
10 51 13 00-0216	EA	12" x 12" x 48" Single Tier, All-Welded Steel Locker	151.81	17.59
		For >25 To 50, Deduct	*-6.33*	
		For >50 To 100, Deduct	*-13.05*	
		For >100, Deduct	*-19.76*	
10 51 13 00-0217	EA	12" x 15" x 48" Single Tier, All-Welded Steel Locker	159.29	17.59
		For >25 To 50, Deduct	*-6.71*	
		For >50 To 100, Deduct	*-13.79*	
		For >100, Deduct	*-20.88*	
10 51 13 00-0218	EA	12" x 18" x 48" Single Tier, All-Welded Steel Locker	166.49	17.59
		For >25 To 50, Deduct	*-7.07*	
		For >50 To 100, Deduct	*-14.51*	
		For >100, Deduct	*-21.96*	
10 51 13 00-0219	EA	12" x 12" x 60" Single Tier, All-Welded Steel Locker	157.99	17.59
		For >25 To 50, Deduct	*-6.64*	
		For >50 To 100, Deduct	*-13.66*	
		For >100, Deduct	*-20.68*	
10 51 13 00-0220	EA	12" x 15" x 60" Single Tier, All-Welded Steel Locker	165.19	17.59
		For >25 To 50, Deduct	*-7.00*	
		For >50 To 100, Deduct	*-14.38*	
		For >100, Deduct	*-21.76*	
10 51 13 00-0221	EA	12" x 18" x 60" Single Tier, All-Welded Steel Locker	172.38	17.59
		For >25 To 50, Deduct	*-7.36*	
		For >50 To 100, Deduct	*-15.10*	
		For >100, Deduct	*-22.84*	
10 51 13 00-0222	EA	12" x 12" x 72" Single Tier, All-Welded Steel Locker	167.16	19.34
		For >25 To 50, Deduct	*-6.98*	
		For >50 To 100, Deduct	*-14.37*	
		For >100, Deduct	*-21.76*	
10 51 13 00-0223	EA	12" x 15" x 72" Single Tier, All-Welded Steel Locker	173.82	19.34
		For >25 To 50, Deduct	*-7.31*	
		For >50 To 100, Deduct	*-15.03*	
		For >100, Deduct	*-22.76*	
10 51 13 00-0224	EA	12" x 18" x 72" Single Tier, All-Welded Steel Locker	181.02	19.34
		For >25 To 50, Deduct	*-7.67*	
		For >50 To 100, Deduct	*-15.75*	
		For >100, Deduct	*-23.84*	
10 51 13 00-0225	EA	15" x 15" x 72" Single Tier, All-Welded Steel Locker	187.75	19.34
		For >25 To 50, Deduct	*-8.01*	
		For >50 To 100, Deduct	*-16.43*	
		For >100, Deduct	*-24.85*	
10 51 13 00-0226	EA	15" x 18" x 72" Single Tier, All-Welded Steel Locker	193.30	19.34
		For >25 To 50, Deduct	*-8.28*	
		For >50 To 100, Deduct	*-16.98*	
		For >100, Deduct	*-25.68*	
10 51 13 00-0227	EA	18" x 18" x 72" Single Tier, All-Welded Steel Locker	200.95	19.34
		For >25 To 50, Deduct	*-8.67*	
		For >50 To 100, Deduct	*-17.75*	
		For >100, Deduct	*-26.83*	
10 51 13 00-0228	EA	18" x 21" x 72" Single Tier, All-Welded Steel Locker	209.56	19.34
		For >25 To 50, Deduct	*-9.10*	
		For >50 To 100, Deduct	*-18.61*	
		For >100, Deduct	*-28.12*	
10 51 13 00-0229	EA	24" x 24" x 72" Single Tier, All-Welded Steel Locker	339.21	19.34
		For >25 To 50, Deduct	*-15.58*	
		For >50 To 100, Deduct	*-31.57*	
		For >100, Deduct	*-47.57*	
10 51 13 00-0230		**Two Tier, All-Welded Steel Lockers** *(10 51 13 00-0214)* Note: Includes two single hooks and one double hook per tier.		
10 51 13 00-0231	EA	12" x 12" x 60" Two Tier, All-Welded Steel Locker	181.32	17.59
		For >25 To 50, Deduct	*-7.81*	
		For >50 To 100, Deduct	*-16.00*	
		For >100, Deduct	*-24.18*	
10 51 13 00-0232	EA	12" x 15" x 60" Two Tier, All-Welded Steel Locker	184.63	17.59
		For >25 To 50, Deduct	*-7.98*	
		For >50 To 100, Deduct	*-16.33*	
		For >100, Deduct	*-24.68*	
10 51 13 00-0233	EA	12" x 18" x 60" Two Tier, All-Welded Steel Locker	193.50	17.59
		For >25 To 50, Deduct	*-8.42*	
		For >50 To 100, Deduct	*-17.21*	
		For >100, Deduct	*-26.01*	
10 51 13 00-0234	EA	12" x 12" x 72" Two Tier, All-Welded Steel Locker	189.35	19.34
		For >25 To 50, Deduct	*-8.09*	
		For >50 To 100, Deduct	*-16.59*	
		For >100, Deduct	*-25.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0235	EA	12" x 15" x 72" Two Tier, All-Welded Steel Locker	201.57	19.34
		For >25 To 50, Deduct	*-8.70*	
		For >50 To 100, Deduct	*-17.81*	
		For >100, Deduct	*-26.92*	
10 51 13 00-0236	EA	12" x 18" x 72" Two Tier, All-Welded Steel Locker	208.23	19.34
		For >25 To 50, Deduct	*-9.03*	
		For >50 To 100, Deduct	*-18.47*	
		For >100, Deduct	*-27.92*	
10 51 13 00-0237	EA	15" x 15" x 72" Two Tier, All-Welded Steel Locker	217.73	19.34
		For >25 To 50, Deduct	*-9.51*	
		For >50 To 100, Deduct	*-19.42*	
		For >100, Deduct	*-29.34*	
10 51 13 00-0238	EA	15" x 18" x 72" Two Tier, All-Welded Steel Locker	222.20	19.34
		For >25 To 50, Deduct	*-9.73*	
		For >50 To 100, Deduct	*-19.87*	
		For >100, Deduct	*-30.01*	
10 51 13 00-0239	EA	18" x 18" x 72" Two Tier, All-Welded Steel Locker	235.09	19.34
		For >25 To 50, Deduct	*-10.37*	
		For >50 To 100, Deduct	*-21.16*	
		For >100, Deduct	*-31.95*	
10 51 13 00-0240	EA	18" x 21" x 72" Two Tier, All-Welded Steel Locker	245.07	19.34
		For >25 To 50, Deduct	*-10.87*	
		For >50 To 100, Deduct	*-22.16*	
		For >100, Deduct	*-33.44*	

10 51 13 00-0241 Three Tier, All-Welded Steel Lockers *(10 51 13 00-0214)*

Note: Includes two single hooks and one double hook per tier.

10 51 13 00-0242	EA	12" x 12" x 72" Three Tier, All-Welded Steel Locker	223.78	19.34
		For >25 To 50, Deduct	*-9.81*	
		For >50 To 100, Deduct	*-20.03*	
		For >100, Deduct	*-30.25*	
10 51 13 00-0243	EA	12" x 15" x 72" Three Tier, All-Welded Steel Locker	228.79	19.34
		For >25 To 50, Deduct	*-10.06*	
		For >50 To 100, Deduct	*-20.53*	
		For >100, Deduct	*-31.00*	
10 51 13 00-0244	EA	12" x 18" x 72" Three Tier, All-Welded Steel Locker	233.77	19.34
		For >25 To 50, Deduct	*-10.31*	
		For >50 To 100, Deduct	*-21.03*	
		For >100, Deduct	*-31.75*	
10 51 13 00-0245	EA	15" x 15" x 72" Three Tier, All-Welded Steel Locker	245.54	19.34
		For >25 To 50, Deduct	*-10.90*	
		For >50 To 100, Deduct	*-22.21*	
		For >100, Deduct	*-33.52*	
10 51 13 00-0246	EA	15" x 18" x 72" Three Tier, All-Welded Steel Locker	247.72	19.34
		For >25 To 50, Deduct	*-11.00*	
		For >50 To 100, Deduct	*-22.42*	
		For >100, Deduct	*-33.84*	

10 51 13 00-0247 Four Tier, All-Welded Steel Lockers *(10 51 13 00-0214)*

10 51 13 00-0248	EA	12" x 12" x 72" Four Tier, All-Welded Steel Locker	211.90	19.34
		For >25 To 50, Deduct	*-9.21*	
		For >50 To 100, Deduct	*-18.84*	
		For >100, Deduct	*-28.47*	
10 51 13 00-0249	EA	12" x 15" x 72" Four Tier, All-Welded Steel Locker	216.63	19.34
		For >25 To 50, Deduct	*-9.45*	
		For >50 To 100, Deduct	*-19.31*	
		For >100, Deduct	*-29.18*	
10 51 13 00-0250	EA	12" x 18" x 72" Four Tier, All-Welded Steel Locker	221.33	19.34
		For >25 To 50, Deduct	*-9.69*	
		For >50 To 100, Deduct	*-19.78*	
		For >100, Deduct	*-29.88*	
10 51 13 00-0251	EA	15" x 15" x 72" Four Tier, All-Welded Steel Locker	232.41	19.34
		For >25 To 50, Deduct	*-10.24*	
		For >50 To 100, Deduct	*-20.89*	
		For >100, Deduct	*-31.55*	
10 51 13 00-0252	EA	15" x 18" x 72" Four Tier, All-Welded Steel Locker	234.43	19.34
		For >25 To 50, Deduct	*-10.34*	
		For >50 To 100, Deduct	*-21.09*	
		For >100, Deduct	*-31.85*	

10 51 13 00-0253 Six Tier, All-Welded Steel Lockers *(10 51 13 00-0214)*

10 51 13 00-0254	EA	12" x 12" x 72" Six Tier, All-Welded Steel Locker	219.26	19.34
		For >25 To 50, Deduct	*-9.58*	
		For >50 To 100, Deduct	*-19.58*	
		For >100, Deduct	*-29.57*	
10 51 13 00-0255	EA	12" x 15" x 72" Six Tier, All-Welded Steel Locker	226.16	19.34
		For >25 To 50, Deduct	*-9.93*	
		For >50 To 100, Deduct	*-20.27*	
		For >100, Deduct	*-30.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0256	EA	12" x 18" x 72" Six Tier, All-Welded Steel Locker	231.24	19.34
		For >25 To 50, Deduct	*-10.18*	
		For >50 To 100, Deduct	*-20.78*	
		For >100, Deduct	*-31.37*	
10 51 13 00-0257		All Welded Locker Accessories *(10 51 13 00-0213)*		
10 51 13 00-0258	EA	ADA Requirements For All Welded Lockers	122.42	
10 51 13 00-0259	EA	Solid Boxed End Panel For 12" Deep All Welded Lockers	196.92	4.02
10 51 13 00-0260	EA	Solid Boxed End Panel For 15" Deep All Welded Lockers	228.40	4.02
10 51 13 00-0261	EA	Recessed Trim For All Welded Lockers	138.63	4.02
10 51 13 00-0262	EA	Built In Combination Lock For All Welded Lockers	45.67	4.02
10 51 13 00-0263	EA	Pad Lock For All Welded Lockers	37.19	4.02
10 51 26		**Plastic Lockers** *(10 51)*		
10 51 26 00-0001		Solid Plastic Lockers *(10 51 26)* Note: Price per frame. High density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.		
10 51 26 00-0002		Single Tier Solid Plastic Lockers *(10 51 26 00-0001)* Note: Includes one double hook per tier.		
10 51 26 00-0003	EA	12" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	623.06	31.15
		For >50 To 100, Deduct	*-56.08*	
		For >100, Deduct	*-85.98*	
10 51 26 00-0004	EA	12" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	634.31	31.15
		For >50 To 100, Deduct	*-57.20*	
		For >100, Deduct	*-87.67*	
10 51 26 00-0005	EA	12" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	645.56	31.15
		For >50 To 100, Deduct	*-58.33*	
		For >100, Deduct	*-89.36*	
10 51 26 00-0006	EA	15" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	662.43	31.15
		For >50 To 100, Deduct	*-60.01*	
		For >100, Deduct	*-91.89*	
10 51 26 00-0007	EA	15" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	644.59	31.15
		For >50 To 100, Deduct	*-58.23*	
		For >100, Deduct	*-89.21*	
10 51 26 00-0008	EA	18" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	649.32	31.15
		For >50 To 100, Deduct	*-58.70*	
		For >100, Deduct	*-89.92*	
10 51 26 00-0009	EA	18" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	641.00	31.15
		For >50 To 100, Deduct	*-57.87*	
		For >100, Deduct	*-88.67*	
10 51 26 00-0010	EA	18" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	687.45	31.15
		For >50 To 100, Deduct	*-62.52*	
		For >100, Deduct	*-95.64*	
10 51 26 00-0011	EA	12" x 12" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	676.73	31.15
		For >50 To 100, Deduct	*-61.44*	
		For >100, Deduct	*-94.03*	
10 51 26 00-0012	EA	12" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	689.23	31.15
		For >50 To 100, Deduct	*-62.69*	
		For >100, Deduct	*-95.91*	
10 51 26 00-0013	EA	12" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	701.73	31.15
		For >50 To 100, Deduct	*-63.94*	
		For >100, Deduct	*-97.78*	
10 51 26 00-0014	EA	15" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	730.32	31.15
		For >50 To 100, Deduct	*-66.80*	
		For >100, Deduct	*-102.07*	
10 51 26 00-0015	EA	15" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	769.62	31.15
		For >50 To 100, Deduct	*-70.73*	
		For >100, Deduct	*-107.97*	
10 51 26 00-0016	EA	18" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	733.88	31.15
		For >50 To 100, Deduct	*-67.16*	
		For >100, Deduct	*-102.61*	
10 51 26 00-0017	EA	18" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	798.18	31.15
		For >50 To 100, Deduct	*-73.59*	
		For >100, Deduct	*-112.25*	
10 51 26 00-0018	EA	12" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	681.71	31.15
		For >50 To 100, Deduct	*-61.94*	
		For >100, Deduct	*-94.78*	
10 51 26 00-0019	EA	12" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	718.35	31.15
		For >50 To 100, Deduct	*-65.61*	
		For >100, Deduct	*-100.28*	
10 51 26 00-0020	EA	12" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	755.02	31.15
		For >50 To 100, Deduct	*-69.27*	
		For >100, Deduct	*-105.78*	
10 51 26 00-0021	EA	15" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	728.17	31.15
		For >50 To 100, Deduct	*-66.59*	
		For >100, Deduct	*-101.75*	
10 51 26 00-0022	EA	15" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	767.00	31.15
		For >50 To 100, Deduct	*-70.47*	
		For >100, Deduct	*-107.57*	

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10 51 26 00-0023	EA	15" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	805.87	31.15
		For >50 To 100, Deduct	*-74.36*	
		For >100, Deduct	*-113.40*	
10 51 26 00-0024	EA	18" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	774.62	31.15
		For >50 To 100, Deduct	*-71.23*	
		For >100, Deduct	*-108.72*	
10 51 26 00-0025	EA	18" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	815.68	31.15
		For >50 To 100, Deduct	*-75.34*	
		For >100, Deduct	*-114.88*	
10 51 26 00-0026	EA	12" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	781.05	32.15
		For >50 To 100, Deduct	*-71.67*	
		For >100, Deduct	*-109.44*	
10 51 26 00-0027	EA	12" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	822.13	32.15
		For >50 To 100, Deduct	*-75.78*	
		For >100, Deduct	*-115.60*	
10 51 26 00-0028	EA	12" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	863.16	32.15
		For >50 To 100, Deduct	*-79.89*	
		For >100, Deduct	*-121.76*	
10 51 26 00-0029	EA	15" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	834.36	32.15
		For >50 To 100, Deduct	*-77.01*	
		For >100, Deduct	*-117.44*	
10 51 26 00-0030	EA	15" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	877.69	32.15
		For >50 To 100, Deduct	*-81.34*	
		For >100, Deduct	*-123.94*	
10 51 26 00-0031	EA	15" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	920.97	32.15
		For >50 To 100, Deduct	*-85.67*	
		For >100, Deduct	*-130.43*	
10 51 26 00-0032	EA	18" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	876.86	32.15
		For >50 To 100, Deduct	*-81.26*	
		For >100, Deduct	*-123.81*	
10 51 26 00-0033	EA	18" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	933.20	32.15
		For >50 To 100, Deduct	*-86.89*	
		For >100, Deduct	*-132.26*	
10 51 26 00-0034	EA	18" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	978.70	32.15
		For >50 To 100, Deduct	*-91.44*	
		For >100, Deduct	*-139.09*	

10 51 26 00-0035 Double Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0036	EA	12" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	700.18	32.15
		For >50 To 100, Deduct	*-63.59*	
		For >100, Deduct	*-97.31*	
10 51 26 00-0037	EA	12" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	710.89	32.15
		For >50 To 100, Deduct	*-64.66*	
		For >100, Deduct	*-98.92*	
10 51 26 00-0038	EA	12" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	726.95	32.15
		For >50 To 100, Deduct	*-66.26*	
		For >100, Deduct	*-101.33*	
10 51 26 00-0039	EA	15" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	721.61	32.15
		For >50 To 100, Deduct	*-65.73*	
		For >100, Deduct	*-100.52*	
10 51 26 00-0040	EA	15" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	750.19	32.15
		For >50 To 100, Deduct	*-68.59*	
		For >100, Deduct	*-104.81*	
10 51 26 00-0041	EA	15" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	818.05	32.15
		For >50 To 100, Deduct	*-75.37*	
		For >100, Deduct	*-114.99*	
10 51 26 00-0042	EA	18" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	728.76	32.15
		For >50 To 100, Deduct	*-66.45*	
		For >100, Deduct	*-101.60*	
10 51 26 00-0043	EA	18" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	763.33	32.15
		For >50 To 100, Deduct	*-69.90*	
		For >100, Deduct	*-106.78*	
10 51 26 00-0044	EA	18" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	825.21	32.15
		For >50 To 100, Deduct	*-76.09*	
		For >100, Deduct	*-116.06*	
10 51 26 00-0045	EA	12" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	724.76	32.15
		For >50 To 100, Deduct	*-66.05*	
		For >100, Deduct	*-101.00*	
10 51 26 00-0046	EA	12" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	780.71	32.15
		For >50 To 100, Deduct	*-71.64*	
		For >100, Deduct	*-109.39*	
10 51 26 00-0047	EA	12" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	796.70	32.15
		For >50 To 100, Deduct	*-73.24*	
		For >100, Deduct	*-111.79*	
10 51 26 00-0048	EA	15" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	790.06	32.15
		For >50 To 100, Deduct	*-72.58*	
		For >100, Deduct	*-110.79*	
10 51 26 00-0049	EA	15" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	827.13	32.15
		For >50 To 100, Deduct	*-76.28*	
		For >100, Deduct	*-116.35*	
10 51 26 00-0050	EA	18" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	834.38	32.15
		For >50 To 100, Deduct	*-77.01*	
		For >100, Deduct	*-117.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0051	EA	18" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	873.59	32.15
		For >50 To 100, Deduct	*-80.93*	
		For >100, Deduct	*-123.32*	
10 51 26 00-0052	EA	18" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	912.79	32.15
		For >50 To 100, Deduct	*-84.85*	
		For >100, Deduct	*-129.20*	
10 51 26 00-0053	EA	12" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	840.62	33.16
		For >50 To 100, Deduct	*-77.43*	
		For >100, Deduct	*-118.13*	
10 51 26 00-0054	EA	12" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	879.82	33.16
		For >50 To 100, Deduct	*-81.35*	
		For >100, Deduct	*-124.01*	
10 51 26 00-0055	EA	12" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	900.25	33.16
		For >50 To 100, Deduct	*-83.39*	
		For >100, Deduct	*-127.08*	
10 51 26 00-0056	EA	15" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	891.51	33.16
		For >50 To 100, Deduct	*-82.52*	
		For >100, Deduct	*-125.77*	
10 51 26 00-0057	EA	15" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	932.86	33.16
		For >50 To 100, Deduct	*-86.65*	
		For >100, Deduct	*-131.97*	
10 51 26 00-0058	EA	15" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	974.19	33.16
		For >50 To 100, Deduct	*-90.79*	
		For >100, Deduct	*-138.17*	
10 51 26 00-0059	EA	18" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	898.91	33.16
		For >50 To 100, Deduct	*-83.26*	
		For >100, Deduct	*-126.88*	
10 51 26 00-0060	EA	18" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	985.86	33.16
		For >50 To 100, Deduct	*-91.95*	
		For >100, Deduct	*-139.92*	
10 51 26 00-0061	EA	18" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	1,029.29	33.16
		For >50 To 100, Deduct	*-96.30*	
		For >100, Deduct	*-146.44*	

10 51 26 00-0062 Triple Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0063	EA	12" x 12" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	688.79	33.16
		For >50 To 100, Deduct	*-62.25*	
		For >100, Deduct	*-95.36*	
10 51 26 00-0064	EA	15" x 15" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	718.20	33.16
		For >50 To 100, Deduct	*-65.19*	
		For >100, Deduct	*-99.77*	
10 51 26 00-0065	EA	15" x 18" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	745.17	33.16
		For >50 To 100, Deduct	*-67.89*	
		For >100, Deduct	*-103.82*	
10 51 26 00-0066	EA	12" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	750.40	33.16
		For >50 To 100, Deduct	*-68.41*	
		For >100, Deduct	*-104.60*	
10 51 26 00-0067	EA	12" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	813.25	33.16
		For >50 To 100, Deduct	*-74.69*	
		For >100, Deduct	*-114.03*	
10 51 26 00-0068	EA	12" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	813.55	33.16
		For >50 To 100, Deduct	*-74.72*	
		For >100, Deduct	*-114.07*	
10 51 26 00-0069	EA	15" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	847.84	33.16
		For >50 To 100, Deduct	*-78.15*	
		For >100, Deduct	*-119.22*	
10 51 26 00-0070	EA	15" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	882.29	33.16
		For >50 To 100, Deduct	*-81.60*	
		For >100, Deduct	*-124.39*	
10 51 26 00-0071	EA	15" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	916.71	33.16
		For >50 To 100, Deduct	*-85.04*	
		For >100, Deduct	*-129.55*	
10 51 26 00-0072	EA	18" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	889.02	33.16
		For >50 To 100, Deduct	*-82.27*	
		For >100, Deduct	*-125.39*	
10 51 26 00-0073	EA	18" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	925.42	33.16
		For >50 To 100, Deduct	*-85.91*	
		For >100, Deduct	*-130.85*	
10 51 26 00-0074	EA	18" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	961.82	33.16
		For >50 To 100, Deduct	*-89.55*	
		For >100, Deduct	*-136.31*	
10 51 26 00-0075	EA	12" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	894.94	34.17
		For >50 To 100, Deduct	*-82.66*	
		For >100, Deduct	*-126.04*	
10 51 26 00-0076	EA	12" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	931.36	34.17
		For >50 To 100, Deduct	*-86.30*	
		For >100, Deduct	*-131.50*	
10 51 26 00-0077	EA	12" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	956.92	34.17
		For >50 To 100, Deduct	*-88.86*	
		For >100, Deduct	*-135.34*	
10 51 26 00-0078	EA	15" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	942.20	34.17
		For >50 To 100, Deduct	*-87.39*	
		For >100, Deduct	*-133.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0079	EA	15" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	953.74	34.17
		For >50 To 100, Deduct	*-88.54*	
		For >100, Deduct	*-134.86*	
10 51 26 00-0080	EA	15" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	995.34	34.17
		For >50 To 100, Deduct	*-92.70*	
		For >100, Deduct	*-141.10*	
10 51 26 00-0081	EA	18" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	925.67	34.17
		For >50 To 100, Deduct	*-85.73*	
		For >100, Deduct	*-130.65*	
10 51 26 00-0082	EA	18" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,010.25	34.17
		For >50 To 100, Deduct	*-94.19*	
		For >100, Deduct	*-143.34*	
10 51 26 00-0083	EA	18" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,070.13	34.17
		For >50 To 100, Deduct	*-100.18*	
		For >100, Deduct	*-152.32*	

10 51 26 00-0084 Four Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0085	EA	12" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	802.42	34.17
		For >50 To 100, Deduct	*-73.41*	
		For >100, Deduct	*-112.16*	
10 51 26 00-0086	EA	12" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	826.30	34.17
		For >50 To 100, Deduct	*-75.80*	
		For >100, Deduct	*-115.75*	
10 51 26 00-0087	EA	12" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	870.31	34.17
		For >50 To 100, Deduct	*-80.20*	
		For >100, Deduct	*-122.35*	
10 51 26 00-0088	EA	15" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	864.94	34.17
		For >50 To 100, Deduct	*-79.66*	
		For >100, Deduct	*-121.54*	
10 51 26 00-0089	EA	15" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	921.96	34.17
		For >50 To 100, Deduct	*-85.36*	
		For >100, Deduct	*-130.09*	
10 51 26 00-0090	EA	15" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	939.95	34.17
		For >50 To 100, Deduct	*-87.16*	
		For >100, Deduct	*-132.79*	
10 51 26 00-0091	EA	18" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	931.02	34.17
		For >50 To 100, Deduct	*-86.27*	
		For >100, Deduct	*-131.45*	
10 51 26 00-0092	EA	18" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	961.38	34.17
		For >50 To 100, Deduct	*-89.31*	
		For >100, Deduct	*-136.01*	
10 51 26 00-0093	EA	18" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,048.92	34.17
		For >50 To 100, Deduct	*-98.06*	
		For >100, Deduct	*-149.14*	
10 51 26 00-0094	EA	12" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	925.80	35.17
		For >50 To 100, Deduct	*-85.55*	
		For >100, Deduct	*-130.43*	
10 51 26 00-0095	EA	12" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	968.13	35.17
		For >50 To 100, Deduct	*-89.78*	
		For >100, Deduct	*-136.78*	
10 51 26 00-0096	EA	12" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	973.65	35.17
		For >50 To 100, Deduct	*-90.33*	
		For >100, Deduct	*-137.61*	
10 51 26 00-0097	EA	15" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,026.98	35.17
		For >50 To 100, Deduct	*-95.66*	
		For >100, Deduct	*-145.61*	
10 51 26 00-0098	EA	15" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	977.63	35.17
		For >50 To 100, Deduct	*-90.73*	
		For >100, Deduct	*-138.20*	
10 51 26 00-0099	EA	15" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,022.35	35.17
		For >50 To 100, Deduct	*-95.20*	
		For >100, Deduct	*-144.91*	
10 51 26 00-0100	EA	18" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	975.92	35.17
		For >50 To 100, Deduct	*-90.56*	
		For >100, Deduct	*-137.95*	
10 51 26 00-0101	EA	18" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,029.50	35.17
		For >50 To 100, Deduct	*-95.92*	
		For >100, Deduct	*-145.98*	
10 51 26 00-0102	EA	18" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,109.78	35.17
		For >50 To 100, Deduct	*-103.94*	
		For >100, Deduct	*-158.03*	

10 51 26 00-0103 Five Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0104	EA	12" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	873.88	34.67
		For >50 To 100, Deduct	*-80.45*	
		For >100, Deduct	*-122.76*	
10 51 26 00-0105	EA	12" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	903.44	34.67
		For >50 To 100, Deduct	*-83.41*	
		For >100, Deduct	*-127.20*	
10 51 26 00-0106	EA	12" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	933.00	34.67
		For >50 To 100, Deduct	*-86.37*	
		For >100, Deduct	*-131.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0107	EA	15" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	914.18	34.67
		For >50 To 100, Deduct	*-84.48*	
		For >100, Deduct	*-128.81*	
10 51 26 00-0108	EA	15" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	967.13	34.67
		For >50 To 100, Deduct	*-89.78*	
		For >100, Deduct	*-136.75*	
10 51 26 00-0109	EA	15" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	992.76	34.67
		For >50 To 100, Deduct	*-92.34*	
		For >100, Deduct	*-140.59*	
10 51 26 00-0110	EA	18" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	983.83	34.67
		For >50 To 100, Deduct	*-91.45*	
		For >100, Deduct	*-139.25*	
10 51 26 00-0111	EA	18" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,012.41	34.67
		For >50 To 100, Deduct	*-94.31*	
		For >100, Deduct	*-143.54*	
10 51 26 00-0112	EA	18" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,105.29	34.67
		For >50 To 100, Deduct	*-103.60*	
		For >100, Deduct	*-157.47*	
10 51 26 00-0113	EA	12" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	954.39	35.68
		For >50 To 100, Deduct	*-88.31*	
		For >100, Deduct	*-134.60*	
10 51 26 00-0114	EA	12" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	987.54	35.68
		For >50 To 100, Deduct	*-91.62*	
		For >100, Deduct	*-139.57*	
10 51 26 00-0115	EA	12" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,020.66	35.68
		For >50 To 100, Deduct	*-94.93*	
		For >100, Deduct	*-144.54*	
10 51 26 00-0116	EA	15" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,009.07	35.68
		For >50 To 100, Deduct	*-93.77*	
		For >100, Deduct	*-142.80*	
10 51 26 00-0117	EA	15" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,032.38	35.68
		For >50 To 100, Deduct	*-96.10*	
		For >100, Deduct	*-146.30*	
10 51 26 00-0118	EA	15" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,067.28	35.68
		For >50 To 100, Deduct	*-99.59*	
		For >100, Deduct	*-151.53*	
10 51 26 00-0119	EA	18" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,040.46	35.68
		For >50 To 100, Deduct	*-96.91*	
		For >100, Deduct	*-147.51*	
10 51 26 00-0120	EA	18" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,080.49	35.68
		For >50 To 100, Deduct	*-100.92*	
		For >100, Deduct	*-153.51*	
10 51 26 00-0121	EA	18" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,126.94	35.68
		For >50 To 100, Deduct	*-105.56*	
		For >100, Deduct	*-160.48*	
10 51 26 00-0122		Six Tier Solid Plastic Lockers *(10 51 26 00-0001)*		
10 51 26 00-0123	EA	15" x 12" x 60" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,009.97	35.17
		For >50 To 100, Deduct	*-93.96*	
		For >100, Deduct	*-143.05*	
10 51 26 00-0124	EA	12" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	990.38	36.17
		For >50 To 100, Deduct	*-91.80*	
		For >100, Deduct	*-139.88*	
10 51 26 00-0125	EA	12" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,023.48	36.17
		For >50 To 100, Deduct	*-95.11*	
		For >100, Deduct	*-144.84*	
10 51 26 00-0126	EA	12" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,045.57	36.17
		For >50 To 100, Deduct	*-97.32*	
		For >100, Deduct	*-148.15*	
10 51 26 00-0127	EA	15" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,089.70	36.17
		For >50 To 100, Deduct	*-101.74*	
		For >100, Deduct	*-154.77*	
10 51 26 00-0128	EA	15" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,102.59	36.17
		For >50 To 100, Deduct	*-103.02*	
		For >100, Deduct	*-156.71*	
10 51 26 00-0129	EA	15" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,111.79	36.17
		For >50 To 100, Deduct	*-103.94*	
		For >100, Deduct	*-158.09*	
10 51 26 00-0130	EA	18" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,115.46	36.17
		For >50 To 100, Deduct	*-104.31*	
		For >100, Deduct	*-158.64*	
10 51 26 00-0131	EA	18" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,155.93	36.17
		For >50 To 100, Deduct	*-108.36*	
		For >100, Deduct	*-164.71*	
10 51 26 00-0132	EA	18" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,209.29	36.17
		For >50 To 100, Deduct	*-113.69*	
		For >100, Deduct	*-172.71*	
10 51 26 00-0133		Solid Plastic Locker Accessories *(10 51 26 00-0001)*		
10 51 26 00-0134		Slope Tops For Solid Plastic Lockers *(10 51 26 00-0133)*		
		Note: Price per frame.		
10 51 26 00-0135	EA	Slope Top For Solid Plastic Lockers (Tufftec Lockers®)	46.27	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0136		**Recessed Bases For Solid Plastic Lockers** *(10 51 26 00-0133)* Note: Price per frame.		
10 51 26 00-0137	EA	Recessed Base For Solid Plastic Lockers (Tufftec Lockers®)	51.03	
10 51 26 00-0138		**End Panels For Solid Plastic Lockers** *(10 51 26 00-0133)* Note: Price per frame.		
10 51 26 00-0139	EA	End Panel For Solid Plastic Lockers (Tufftec Lockers®)	120.30	
10 51 26 00-0140		**Venting Options For Solid Plastic Locker Doors** *(10 51 26 00-0133)* Note: Price per frame.		
10 51 26 00-0141	EA	Horizontal Venting Option For Solid Plastic Locker Doors	47.77	
10 51 26 00-0142		**Filler Panels For Solid Plastic Lockers** *(10 51 26 00-0133)*		
10 51 26 00-0143	EA	Up To 6" Width, Filler Panel For Solid Plastic Lockers (Tufftec Lockers®) Note: Full locker height. Width and height cut to size in the field.	120.66	
10 51 26 00-0144		**Locker Accessories For Solid Plastic Lockers** *(10 51 26 00-0133)*		
10 51 26 00-0145	EA	Built In Hasp For Solid Plastic Lockers Note: For removable padlocks. Excludes padlock.	11.94	
10 51 26 00-0146	EA	Built In Combination Lock For Solid Plastic Lockers	35.83	
10 51 26 00-0147	EA	Built In Key Lock For Solid Plastic Lockers	47.77	
10 51 53		**Locker Room Benches** *(10 51)*		
10 51 53 00-0001	LF	9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Aluminum Pedestals	118.73	5.03
10 51 53 00-0002	LF	9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Painted Steel Pedestals	94.10	5.03
10 51 53 00-0003	LF	9-1/2" Wide Top, 17" To 19" Height, Plastic Laminated Bench With Steel Pedestals	145.49	5.03
10 51 53 00-0004	LF	9-1/2" Wide Top, 17" To 19" Height, Solid Plastic Bench With Steel Pedestals	138.89	5.03
10 51 53 00-0005	LF	9-1/2" Wide Top, 17" To 19" Height, Aluminum Bench With Aluminum Pedestals	107.16	5.03
10 55		**Postal Specialties** *(10 50)*		
10 55 23		**Mail Boxes** *(10 55)*		
10 55 23 23		**Residential Mail Boxes** *(10 55 23)*		
10 55 23 23-0001		**Residential Mail Boxes** *(10 55 23 23)*		
10 55 23 23-0002	EA	13" x 3-9/16" Satin Aluminum (Aluminum Body) Letter Slot With Interior Plate	114.10	11.30
		For Stainless Steel Sleeve, Add	*26.82*	
10 55 23 23-0003	EA	13" x 3-9/16" Bright Brass (Brass Body) Letter Slot With Interior Plate	155.65	11.30
		For Stainless Steel Sleeve, Add	*26.82*	
10 55 23 23-0004	EA	Aluminum Or Galvanized Wall Mounted Mailbox	85.42	10.06
10 55 23 23-0005	EA	20" x 8-3/4" x 6-7/8" Galvanized Steel Residential Rural Mailbox With 1-1/2" Post	125.58	12.56
10 55 23 26		**Commercial Mail Boxes** *(10 55 23)*		
10 55 23 26-0001		**Commercial Letter Boxes** *(10 55 23 26)* Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0002	EA	15" Wide x 19" High x 7-1/2" Deep, US Postal Service Approved, Surface Mount, Aluminum Letter Box (Salsbury 2240AU)	385.52	15.07
10 55 23 26-0003	EA	15" Wide x 19" High x 6-3/4" Deep, Private Use/Access, Recessed Mount, Aluminum Letter Box (Salsbury 2245AP)	446.44	15.07
10 55 23 26-0004		**Commercial Horizontal Mail Boxes** *(10 55 23 26)* Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0005	BOX	5-1/2" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	74.72	15.07
10 55 23 26-0006	BOX	10-3/4" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	161.12	20.09
10 55 23 26-0007	BOX	6-3/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	97.34	12.56
10 55 23 26-0008	BOX	12-7/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	151.12	20.09
10 55 23 26-0009		**Commercial Cluster Mail Boxes** *(10 55 23 26)* Note: Includes locks and keys unless provided by the United States Postal Service. Includes pedestal. Excludes concrete foundation.		
10 55 23 26-0010	EA	13-15/16 Wide" x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H8MNDCBU5) Note: Any door combination.	1,994.53	30.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 55 23 26-0011	EA	26-15/16" Wide x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H16MNDCBU8) Note: Any door combination.	2,361.88	40.19
10 55 23 26-0012	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 8 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-8)	3,143.38	40.19
10 55 23 26-0013	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 12 Tenant Doors, 1 Parcel Locker, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-12)	3,244.92	40.19
10 55 23 26-0014	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 16 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-16)	3,397.22	40.19
10 55 23 26-0015		Commercial 4C Mail Boxes *(10 55 23 26)* Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0016	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 9 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11S-09)	1,691.43	40.19
10 55 23 26-0017	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 15 Doors, 1 Parcel Locker, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-15)	2,988.97	40.19
10 55 23 26-0018	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 19 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-19)	3,110.81	40.19
10 55 26		**Parcel Lockers** *(10 55)*		
10 55 26 00-0001		Parcel Lockers *(10 55 26)*		
10 55 26 00-0002	EA	24" x 14" x 15" Deep, Aluminum Pedestal Mounted Parcel Locker Note: Two compartments.	1,480.79	30.15
10 55 26 00-0003	EA	48" x 16" x 18" Deep, Aluminum Pedestal Mounted Parcel Locker Note: Two compartments.	1,759.36	40.19
10 56		**Storage Assemblies** *(10 50)*		
10 56 13		**Metal Storage Shelving** *(10 56)*		
10 56 13 16		**Post-And-Shelf Metal Storage Shelving** *(10 56 13)*		
10 56 13 16-0001		Baked Enamel Steel Shelving *(10 56 13 16)*		
10 56 13 16-0002		7 Shelf Unit, 72" Or 87" High, Full Unit, Open Type *(10 56 13 16-0001)*		
10 56 13 16-0003	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 10" Wide Shelf	164.12	20.91
		For >75" To 87" High, Add	*14.56*	
10 56 13 16-0004	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 12" Wide Shelf	164.01	21.96
		For >75" To 87" High, Add	*14.44*	
10 56 13 16-0005	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 15" Wide Shelf	156.62	24.05
		For >75" To 87" High, Add	*13.54*	
10 56 13 16-0006	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 18" Wide Shelf	200.87	26.14
		For >75" To 87" High, Add	*17.82*	
10 56 13 16-0007	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 24" Wide Shelf	225.68	27.18
		For >75" To 87" High, Add	*20.15*	
10 56 13 16-0008	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 30" Wide Shelf	216.57	29.28
		For >75" To 87" High, Add	*19.09*	
10 56 13 16-0009	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 36" Wide Shelf	241.13	31.36
		For >75" To 87" High, Add	*21.39*	
10 56 13 16-0010		3 Shelf Unit, 32" High Base Unit Only, Fully Enclosed *(10 56 13 16-0001)* Note: Adjustable shelves.		
10 56 13 16-0011	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 10" Wide Shelf	120.00	10.66
10 56 13 16-0012	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 12" Wide Shelf	118.38	11.40
10 56 13 16-0013	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 15" Wide Shelf	133.25	12.12
10 56 13 16-0014	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 18" Wide Shelf	138.49	12.86
10 56 13 16-0015	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 24" Wide Shelf	159.94	13.70
10 56 13 16-0016		4 Shelf Unit, 40" High Unit *(10 56 13 16-0001)*		
10 56 13 16-0017	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 10" Wide Shelf	138.09	20.91
10 56 13 16-0018	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 12" Wide Shelf	110.63	21.96
10 56 13 16-0019	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 15" Wide Shelf	127.29	24.05
10 56 13 16-0020	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 18" Wide Shelf	134.07	26.14
10 56 13 16-0021	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 24" Wide Shelf	153.79	27.18
10 56 16		**Fabricated Wood Storage Shelving** *(10 56)*		
10 56 16 00-0001		Shelving *(10 56 16)*		
10 56 16 00-0002		Built-In Wood Shelving *(10 56 16 00-0001)* Note: Priced by shelf area. Includes hardware and trim.		
10 56 16 00-0003	SF	Built-in Wood Storage Shelving Post And Trimmed Plywood	20.70	2.53
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0004	SF	Built-in Wood Storage Shelving Post And Solid Clear Pine	22.31	3.04
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 16 00-0005	SF	Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod	22.64	5.08
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0006		**Wood Shelving, White Pine, Clear Grade, Wall Mounted** *(10 56 16 00-0001)*		
10 56 16 00-0007	LF	1" x 8" White Pine Clear Grade Wood Shelving	16.87	6.09
10 56 16 00-0008	LF	1" x 10" White Pine Clear Grade Wood Shelving	18.62	6.49
10 56 16 00-0009	LF	1" x 12" White Pine Clear Grade Wood Shelving	20.56	7.00
10 56 16 00-0010	SF	Wood Shelving, 2" White Pine Clear Grade	27.24	
10 56 16 00-0011		**Plywood Shelf With Edge Band** *(10 56 16 00-0001)*		
10 56 16 00-0012	LF	12" Wide, 3/4" Plywood Shelf With Edge Band	21.27	6.09
10 56 16 00-0013	LF	24" Wide, 3/4" Plywood Shelf With Edge Band	34.06	7.61
10 56 16 00-0014		**Adjustable Shelf And Rod** *(10 56 16 00-0001)*		
10 56 16 00-0015	EA	12" Wide Adjustable Shelf, 3' To 6' Long Note: Including Rod	203.59	22.84
10 56 16 00-0016	EA	12" Wide Adjustable Shelf, 5' To 8' Long Note: Including Rod	238.49	30.45
10 56 16 00-0017		**Prefinished Wood Shelves With Brackets And Supports** *(10 56 16 00-0001)*		
10 56 16 00-0018	LF	Prefinished Wood Shelves, 8" Wide, With Brackets And Supports	18.04	6.09
10 56 16 00-0019	LF	Prefinished Wood Shelves, 10" Wide, With Brackets And Supports	19.68	6.49
10 56 16 00-0020	SF	Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards	63.75	10.15
10 56 16 00-0021		**Wood Shelving, Oak, Clear Grade, Wall Mounted** *(10 56 16 00-0001)*		
10 56 16 00-0022	LF	Wood Shelving, 1" X 8" Oak Clear Grade	20.77	9.54
10 56 17		**Wall-Mounted Standards and Shelving** *(10 56)*		
10 56 17 00-0001		**Galvanized Steel, Wall Mounted Solid Shelving** *(10 56 17)* Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0002	LF	8" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	83.42	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0003	LF	10" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	86.48	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0004	LF	12" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	93.57	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0005	LF	16" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	102.72	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0006	LF	18" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	104.99	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0007	LF	24" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	124.61	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0008		**304 Stainless Steel, Wall Mounted Solid Shelving** *(10 56 17)* Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0009	LF	8" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	139.04	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0010	LF	10" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	152.93	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0011	LF	12" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	166.88	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0012	LF	16" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	198.95	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0013	LF	18" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	217.93	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0014	LF	24" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	245.34	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0015		**Laminated Particleboard, Wall Mounted Solid Shelving** *(10 56 17)* Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 17 00-0016	LF	8" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	54.54	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0017	LF	10" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	56.61	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0018	LF	12" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	59.11	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0019	LF	16" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	62.74	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0020	LF	18" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	67.14	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0021	LF	24" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	78.95	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0022		Chrome Plated Steel, Wall Mounted Wire Shelving *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0023	LF	14" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving	81.48	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0024	LF	18" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving	92.17	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0025		Stainless Steel, Wall Mounted Wire Shelving *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0026	LF	14" Depth, Stainless Steel, Wall Mounted Wire Shelving	197.64	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0027	LF	18" Depth, Stainless Steel, Wall Mounted Wire Shelving	205.83	10.05
		For Installation On Concrete Walls, Add	*2.07*	
		For Installation On Concrete Block Walls, Add	*2.88*	
10 56 17 00-0028		Prefinished Hardwood Plywood, Wall Mounted Solid Shelving *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0029	LF	8" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	54.61	10.05
		For Installation On Concrete Walls, Add	*3.17*	
		For Installation On Concrete Block Walls, Add	*3.98*	
10 56 17 00-0030	LF	10" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	56.00	10.05
		For Installation On Concrete Walls, Add	*3.20*	
		For Installation On Concrete Block Walls, Add	*4.01*	
10 56 17 00-0031	LF	12" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	56.88	10.05
		For Installation On Concrete Walls, Add	*3.22*	
		For Installation On Concrete Block Walls, Add	*4.03*	
10 56 17 00-0032	LF	16" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	60.12	10.05
		For Installation On Concrete Walls, Add	*3.27*	
		For Installation On Concrete Block Walls, Add	*4.08*	
10 56 17 00-0033	LF	18" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	61.78	10.05
		For Installation On Concrete Walls, Add	*3.30*	
		For Installation On Concrete Block Walls, Add	*4.11*	
10 56 17 00-0034	LF	24" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	66.75	10.05
		For Installation On Concrete Walls, Add	*3.37*	
		For Installation On Concrete Block Walls, Add	*4.18*	
10 56 17 00-0035		Wall Mounted Shelving Accessories *(10 56 17)*		
10 56 17 00-0036	LF	Removal And Reinstallation Of Single Shelf Metal Storage Shelving Unit	34.23	

10 57 Wardrobe And Closet Specialties *(10 50)*

10 57 13 Hat And Coat Racks *(10 57)*

10 57 13 00-0001		Hat And Coat Rack *(10 57 13)*		
10 57 13 00-0002		Single Tier *(10 57 13 00-0001)*		
10 57 13 00-0003	LF	Single Tier Hat And Coat Rack Baked Enameled Steel	72.79	5.03
		For Custom Made Units, Add	*35.68*	
10 57 13 00-0004	LF	Single Tier Hat And Coat Rack Stainless Steel	40.39	5.03
		For Custom Made Units, Add	*16.24*	
10 57 13 00-0005	LF	Single Tier Hat And Coat Rack Aluminum	136.06	5.03
		For Custom Made Units, Add	*73.65*	
10 57 13 00-0006		Double Tier *(10 57 13 00-0001)*		
10 57 13 00-0007	LF	Double Tier Hat And Coat Rack Baked Enameled Steel	98.52	5.03
		For Custom Made Units, Add	*49.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 57 13 00-0008	LF	Double Tier Hat And Coat Rack Stainless Steel	45.78	5.03
		For Custom Made Units, Add	*17.59*	
10 57 13 00-0009	LF	Double Tier Hat And Coat Rack Aluminum	234.73	5.03
		For Custom Made Units, Add	*130.96*	

10 57 43 Wardrobe Units *(10 57)*

10 57 43 00-0001 Dormitory Wardrobe Units *(10 57 43)*

10 57 43 00-0002	EA	24" x 24" x 68" Hardwood Veneer Dormitory Wardrobe Unit With Door	1,996.01	186.10
		For Custom Made Units, Add	*1,067.35*	
10 57 43 00-0003	EA	24" x 24" x 68" Plastic Laminate Dormitory Wardrobe Unit With Door	1,519.04	186.10
		For Custom Made Units, Add	*781.16*	

10 70 Exterior Specialties *(10)*

10 71 Exterior Protection *(10 70)*

10 71 13 Exterior Sun Control Devices *(10 71)*

10 71 13 13 Exterior Shutters *(10 71 13)*

10 71 13 13-0001 Exterior Shutters, High Impact Resistant Plastic, Unfinished *(10 71 13 13)*

10 71 13 13-0002 Louvered Decorative Shutters *(10 71 13 13-0001)*

10 71 13 13-0003	PR	15" x 25" Louvered Shutter, High Impact Resistant Plastic	106.73	30.40
		For Colored Finish, Add	*11.91*	
10 71 13 13-0004	PR	15" x 31" Louvered Shutter, High Impact Resistant Plastic	115.89	31.92
		For Colored Finish, Add	*13.20*	
10 71 13 13-0005	PR	15" x 36" Louvered Shutter, High Impact Resistant Plastic	125.09	33.44
		For Colored Finish, Add	*14.49*	
10 71 13 13-0006	PR	15" x 39" Louvered Shutter, High Impact Resistant Plastic	133.46	34.96
		For Colored Finish, Add	*15.63*	
10 71 13 13-0007	PR	15" x 43" Louvered Shutter, High Impact Resistant Plastic	142.95	36.48
		For Colored Finish, Add	*16.98*	
10 71 13 13-0008	PR	15" x 48" Louvered Shutter, High Impact Resistant Plastic	152.88	38.00
		For Colored Finish, Add	*18.40*	
10 71 13 13-0009	PR	15" x 52" Louvered Shutter, High Impact Resistant Plastic	159.55	39.52
		For Colored Finish, Add	*19.23*	
10 71 13 13-0010	PR	15" x 55" Louvered Shutter, High Impact Resistant Plastic	166.99	41.04
		For Colored Finish, Add	*20.21*	
10 71 13 13-0011	PR	15" x 60" Louvered Shutter, High Impact Resistant Plastic	177.05	42.56
		For Colored Finish, Add	*21.66*	
10 71 13 13-0012	PR	15" x 64" Louvered Shutter, High Impact Resistant Plastic	190.59	44.08
		For Colored Finish, Add	*23.73*	
10 71 13 13-0013	PR	15" x 67" Louvered Shutter, High Impact Resistant Plastic	196.91	45.60
		For Colored Finish, Add	*24.50*	
10 71 13 13-0014	PR	15" x 72" Louvered Shutter, High Impact Resistant Plastic	213.97	47.12
		For Colored Finish, Add	*27.21*	
10 71 13 13-0015	PR	15" x 75" Louvered Shutter, High Impact Resistant Plastic	220.22	48.64
		For Colored Finish, Add	*27.96*	
10 71 13 13-0016	PR	15" x 80" Louvered Shutter, High Impact Resistant Plastic	232.03	50.16
		For Colored Finish, Add	*29.73*	

10 71 13 13-0017 Raised Panel Decorative Shutters *(10 71 13 13-0001)*

10 71 13 13-0018	PR	15" x 35" Raised Panel Shutter, High Impact Resistant Plastic	151.75	33.44
		For Colored Finish, Add	*19.29*	
10 71 13 13-0019	PR	15" x 39" Raised Panel Shutter, High Impact Resistant Plastic	162.81	34.96
		For Colored Finish, Add	*20.91*	
10 71 13 13-0020	PR	15" x 43" Raised Panel Shutter, High Impact Resistant Plastic	169.97	36.48
		For Colored Finish, Add	*21.84*	
10 71 13 13-0021	PR	15" x 47" Raised Panel Shutter, High Impact Resistant Plastic	181.37	38.00
		For Colored Finish, Add	*23.53*	
10 71 13 13-0022	PR	15" x 51" Raised Panel Shutter, High Impact Resistant Plastic	191.09	39.52
		For Colored Finish, Add	*24.91*	
10 71 13 13-0023	PR	15" x 55" Raised Panel Shutter, High Impact Resistant Plastic	200.26	41.04
		For Colored Finish, Add	*26.20*	
10 71 13 13-0024	PR	15" x 59" Raised Panel Shutter, High Impact Resistant Plastic	212.77	42.56
		For Colored Finish, Add	*28.09*	
10 71 13 13-0025	PR	15" x 63" Raised Panel Shutter, High Impact Resistant Plastic	229.37	44.08
		For Colored Finish, Add	*30.71*	
10 71 13 13-0026	PR	15" x 67" Raised Panel Shutter, High Impact Resistant Plastic	240.93	45.60
		For Colored Finish, Add	*32.42*	
10 71 13 13-0027	PR	15" x 71" Raised Panel Shutter, High Impact Resistant Plastic	253.97	47.12
		For Colored Finish, Add	*34.41*	
10 71 13 13-0028	PR	15" x 75" Raised Panel Shutter, High Impact Resistant Plastic	258.13	48.64
		For Colored Finish, Add	*34.79*	
10 71 13 13-0029	PR	15" x 81" Raised Panel Shutter, High Impact Resistant Plastic	267.46	50.16
		For Colored Finish, Add	*36.10*	

10 71 13 13-0030 Exterior Spanish Cedar Shutters *(10 71 13 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0031		**12" Width** *(10 71 13 13-0030)*		
10 71 13 13-0032	PR	12" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	482.68	30.40
		For Arched Tops, Add	*150.00*	
10 71 13 13-0033	PR	12" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	521.40	33.44
		For Arched Tops, Add	*150.00*	
10 71 13 13-0034	PR	12" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	558.11	34.96
		For Arched Tops, Add	*150.00*	
10 71 13 13-0035	PR	12" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	596.84	38.00
		For Arched Tops, Add	*150.00*	
10 71 13 13-0036	PR	12" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	633.54	39.52
		For Arched Tops, Add	*150.00*	
10 71 13 13-0037	PR	12" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	675.16	42.56
		For Arched Tops, Add	*150.00*	
10 71 13 13-0038	PR	12" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	711.87	44.08
		For Arched Tops, Add	*150.00*	
10 71 13 13-0039	PR	12" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	748.57	45.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0040	PR	12" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	787.31	48.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0041		**14" Width** *(10 71 13 13-0030)*		
10 71 13 13-0042	PR	14" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	511.58	30.40
		For Arched Tops, Add	*150.00*	
10 71 13 13-0043	PR	14" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	556.07	33.44
		For Arched Tops, Add	*150.00*	
10 71 13 13-0044	PR	14" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	598.57	34.96
		For Arched Tops, Add	*150.00*	
10 71 13 13-0045	PR	14" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	643.08	38.00
		For Arched Tops, Add	*150.00*	
10 71 13 13-0046	PR	14" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	685.56	39.52
		For Arched Tops, Add	*150.00*	
10 71 13 13-0047	PR	14" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	730.06	42.56
		For Arched Tops, Add	*150.00*	
10 71 13 13-0048	PR	14" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	772.56	44.08
		For Arched Tops, Add	*150.00*	
10 71 13 13-0049	PR	14" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	812.15	45.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0050	PR	14" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	856.67	48.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0051		**16" Width** *(10 71 13 13-0030)*		
10 71 13 13-0052	PR	16" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	543.37	30.40
		For Arched Tops, Add	*150.00*	
10 71 13 13-0053	PR	16" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	590.75	33.44
		For Arched Tops, Add	*150.00*	
10 71 13 13-0054	PR	16" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	639.03	34.96
		For Arched Tops, Add	*150.00*	
10 71 13 13-0055	PR	16" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	686.43	38.00
		For Arched Tops, Add	*150.00*	
10 71 13 13-0056	PR	16" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	734.68	39.52
		For Arched Tops, Add	*150.00*	
10 71 13 13-0057	PR	16" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	784.97	42.56
		For Arched Tops, Add	*150.00*	
10 71 13 13-0058	PR	16" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	830.36	44.08
		For Arched Tops, Add	*150.00*	
10 71 13 13-0059	PR	16" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	878.61	45.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0060	PR	16" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	928.91	48.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0061		**18" Width** *(10 71 13 13-0030)*		
10 71 13 13-0062	PR	18" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	572.26	30.40
		For Arched Tops, Add	*150.00*	
10 71 13 13-0063	PR	18" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	625.44	33.44
		For Arched Tops, Add	*150.00*	
10 71 13 13-0064	PR	18" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	679.49	34.96
		For Arched Tops, Add	*150.00*	
10 71 13 13-0065	PR	18" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	732.66	38.00
		For Arched Tops, Add	*150.00*	
10 71 13 13-0066	PR	18" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	783.81	39.52
		For Arched Tops, Add	*150.00*	
10 71 13 13-0067	PR	18" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	839.88	42.56
		For Arched Tops, Add	*150.00*	
10 71 13 13-0068	PR	18" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	891.03	44.08
		For Arched Tops, Add	*150.00*	
10 71 13 13-0069	PR	18" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	945.08	45.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0070	PR	18" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	998.27	48.64
		For Arched Tops, Add	*150.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0071		20" Width *(10 71 13 13-0030)*		
10 71 13 13-0072	PR	20" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	601.16	30.40
		For Arched Tops, Add	*150.00*	
10 71 13 13-0073	PR	20" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	660.11	33.44
		For Arched Tops, Add	*150.00*	
10 71 13 13-0074	PR	20" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	717.05	34.96
		For Arched Tops, Add	*150.00*	
10 71 13 13-0075	PR	20" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	778.90	38.00
		For Arched Tops, Add	*150.00*	
10 71 13 13-0076	PR	20" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	835.83	39.52
		For Arched Tops, Add	*150.00*	
10 71 13 13-0077	PR	20" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	894.78	42.56
		For Arched Tops, Add	*150.00*	
10 71 13 13-0078	PR	20" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	951.73	44.08
		For Arched Tops, Add	*150.00*	
10 71 13 13-0079	PR	20" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	1,008.65	45.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0080	PR	20" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	1,067.62	48.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0081		Heavy Duty Exterior True Louver Shutters, Western Red Cedar *(10 71 13 13)*		
10 71 13 13-0082		12" Width *(10 71 13 13-0081)*		
10 71 13 13-0083	PR	12" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar	434.56	30.40
		For Arched Tops, Add	*150.00*	
10 71 13 13-0084	PR	12" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar	462.80	31.92
		For Arched Tops, Add	*150.00*	
10 71 13 13-0085	PR	12" x 44" Louver Shutter, Heavy Duty Red Cedar	504.17	33.44
		For Arched Tops, Add	*150.00*	
10 71 13 13-0086	PR	12" x 47" Louver Shutter, Heavy Duty Red Cedar	532.43	34.96
		For Arched Tops, Add	*150.00*	
10 71 13 13-0087	PR	12" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar	573.79	36.48
		For Arched Tops, Add	*150.00*	
10 71 13 13-0088	PR	12" x 56" Louver Shutter, Heavy Duty Red Cedar	615.16	38.00
		For Arched Tops, Add	*150.00*	
10 71 13 13-0089	PR	12" x 59" Louver Shutter, Heavy Duty Red Cedar	643.41	39.52
		For Arched Tops, Add	*150.00*	
10 71 13 13-0090	PR	12" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar	684.78	41.04
		For Arched Tops, Add	*150.00*	
10 71 13 13-0091	PR	12" x 68" Louver Shutter, Heavy Duty Red Cedar	726.14	42.56
		For Arched Tops, Add	*150.00*	
10 71 13 13-0092	PR	12" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar	767.51	44.08
		For Arched Tops, Add	*150.00*	
10 71 13 13-0093	PR	12" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar	795.77	45.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0094	PR	12" x 80" Louver Shutter, Heavy Duty Red Cedar	837.14	47.12
		For Arched Tops, Add	*150.00*	
10 71 13 13-0095	PR	12" x 83" Louver Shutter, Heavy Duty Red Cedar	865.40	48.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0096		14" Width *(10 71 13 13-0081)*		
10 71 13 13-0097	PR	14" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar	487.74	30.40
		For Arched Tops, Add	*150.00*	
10 71 13 13-0098	PR	14" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar	520.36	31.92
		For Arched Tops, Add	*150.00*	
10 71 13 13-0099	PR	14" x 44" Louver Shutter, Heavy Duty Red Cedar	568.27	33.44
		For Arched Tops, Add	*150.00*	
10 71 13 13-0100	PR	14" x 47" Louver Shutter, Heavy Duty Red Cedar	600.91	34.96
		For Arched Tops, Add	*150.00*	
10 71 13 13-0101	PR	14" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar	648.82	36.48
		For Arched Tops, Add	*150.00*	
10 71 13 13-0102	PR	14" x 56" Louver Shutter, Heavy Duty Red Cedar	696.76	38.00
		For Arched Tops, Add	*150.00*	
10 71 13 13-0103	PR	14" x 59" Louver Shutter, Heavy Duty Red Cedar	729.38	39.52
		For Arched Tops, Add	*150.00*	
10 71 13 13-0104	PR	14" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar	777.30	41.04
		For Arched Tops, Add	*150.00*	
10 71 13 13-0105	PR	14" x 68" Louver Shutter, Heavy Duty Red Cedar	825.22	42.56
		For Arched Tops, Add	*150.00*	
10 71 13 13-0106	PR	14" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar	873.16	44.08
		For Arched Tops, Add	*150.00*	
10 71 13 13-0107	PR	14" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar	905.78	45.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0108	PR	14" x 80" Louver Shutter, Heavy Duty Red Cedar	953.71	47.12
		For Arched Tops, Add	*150.00*	
10 71 13 13-0109	PR	14" x 83" Louver Shutter, Heavy Duty Red Cedar	986.32	48.64
		For Arched Tops, Add	*150.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0110		**15" Width** *(10 71 13 13-0081)*		
10 71 13 13-0111	PR	15" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar	514.33	30.40
		For Arched Tops, Add	*150.00*	
10 71 13 13-0112	PR	15" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar	549.13	31.92
		For Arched Tops, Add	*150.00*	
10 71 13 13-0113	PR	15" x 44" Louver Shutter, Heavy Duty Red Cedar	600.33	33.44
		For Arched Tops, Add	*150.00*	
10 71 13 13-0114	PR	15" x 47" Louver Shutter, Heavy Duty Red Cedar	635.15	34.96
		For Arched Tops, Add	*150.00*	
10 71 13 13-0115	PR	15" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar	686.34	36.48
		For Arched Tops, Add	*150.00*	
10 71 13 13-0116	PR	15" x 56" Louver Shutter, Heavy Duty Red Cedar	737.56	38.00
		For Arched Tops, Add	*150.00*	
10 71 13 13-0117	PR	15" x 59" Louver Shutter, Heavy Duty Red Cedar	772.36	39.52
		For Arched Tops, Add	*150.00*	
10 71 13 13-0118	PR	15" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar	823.57	41.04
		For Arched Tops, Add	*150.00*	
10 71 13 13-0119	PR	15" x 68" Louver Shutter, Heavy Duty Red Cedar	874.76	42.56
		For Arched Tops, Add	*150.00*	
10 71 13 13-0120	PR	15" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar	925.98	44.08
		For Arched Tops, Add	*150.00*	
10 71 13 13-0121	PR	15" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar	960.78	45.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0122	PR	15" x 80" Louver Shutter, Heavy Duty Red Cedar	1,011.99	47.12
		For Arched Tops, Add	*150.00*	
10 71 13 13-0123	PR	15" x 83" Louver Shutter, Heavy Duty Red Cedar	1,046.79	48.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0124		**16" Width** *(10 71 13 13-0081)*		
10 71 13 13-0125	PR	16" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar	540.92	30.40
		For Arched Tops, Add	*150.00*	
10 71 13 13-0126	PR	16" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar	568.80	31.92
		For Arched Tops, Add	*150.00*	
10 71 13 13-0127	PR	16" x 44" Louver Shutter, Heavy Duty Red Cedar	632.39	33.44
		For Arched Tops, Add	*150.00*	
10 71 13 13-0128	PR	16" x 47" Louver Shutter, Heavy Duty Red Cedar	669.40	34.96
		For Arched Tops, Add	*150.00*	
10 71 13 13-0129	PR	16" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar	723.86	36.48
		For Arched Tops, Add	*150.00*	
10 71 13 13-0130	PR	16" x 56" Louver Shutter, Heavy Duty Red Cedar	778.35	38.00
		For Arched Tops, Add	*150.00*	
10 71 13 13-0131	PR	16" x 59" Louver Shutter, Heavy Duty Red Cedar	815.34	39.52
		For Arched Tops, Add	*150.00*	
10 71 13 13-0132	PR	16" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar	869.83	41.04
		For Arched Tops, Add	*150.00*	
10 71 13 13-0133	PR	16" x 68" Louver Shutter, Heavy Duty Red Cedar	924.30	42.56
		For Arched Tops, Add	*150.00*	
10 71 13 13-0134	PR	16" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar	978.80	44.08
		For Arched Tops, Add	*150.00*	
10 71 13 13-0135	PR	16" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar	1,015.79	45.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0136	PR	16" x 80" Louver Shutter, Heavy Duty Red Cedar	1,070.27	47.12
		For Arched Tops, Add	*150.00*	
10 71 13 13-0137	PR	16" x 83" Louver Shutter, Heavy Duty Red Cedar	1,107.26	48.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0138		**18" Width** *(10 71 13 13-0081)*		
10 71 13 13-0139	PR	18" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar	594.10	30.40
		For Arched Tops, Add	*150.00*	
10 71 13 13-0140	PR	18" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar	635.47	31.92
		For Arched Tops, Add	*150.00*	
10 71 13 13-0141	PR	18" x 44" Louver Shutter, Heavy Duty Red Cedar	696.50	33.44
		For Arched Tops, Add	*150.00*	
10 71 13 13-0142	PR	18" x 47" Louver Shutter, Heavy Duty Red Cedar	737.88	34.96
		For Arched Tops, Add	*150.00*	
10 71 13 13-0143	PR	18" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar	798.90	36.48
		For Arched Tops, Add	*150.00*	
10 71 13 13-0144	PR	18" x 56" Louver Shutter, Heavy Duty Red Cedar	859.95	38.00
		For Arched Tops, Add	*150.00*	
10 71 13 13-0145	PR	18" x 59" Louver Shutter, Heavy Duty Red Cedar	901.31	39.52
		For Arched Tops, Add	*150.00*	
10 71 13 13-0146	PR	18" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar	962.35	41.04
		For Arched Tops, Add	*150.00*	
10 71 13 13-0147	PR	18" x 68" Louver Shutter, Heavy Duty Red Cedar	1,023.38	42.56
		For Arched Tops, Add	*150.00*	
10 71 13 13-0148	PR	18" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar	1,084.44	44.08
		For Arched Tops, Add	*150.00*	
10 71 13 13-0149	PR	18" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar	1,125.80	45.60
		For Arched Tops, Add	*150.00*	
10 71 13 13-0150	PR	18" x 80" Louver Shutter, Heavy Duty Red Cedar	1,186.84	47.12
		For Arched Tops, Add	*150.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0151	PR	18" x 83" Louver Shutter, Heavy Duty Red Cedar	1,228.20	48.64
		For Arched Tops, Add	*150.00*	

10 71 13 13-0152 Exterior Cypress Fixed Louver Wood Shutters *(10 71 13 13)*

10 71 13 13-0153 6" Through 8" Width *(10 71 13 13-0152)*

10 71 13 13-0154	PR	6" Thru 8" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	541.60	28.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0155	PR	6" Thru 8" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	609.60	29.70
		For Arched Tops, Add	*65.00*	
10 71 13 13-0156	PR	6" Thru 8" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	677.79	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0157	PR	6" Thru 8" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	746.87	31.92
		For Arched Tops, Add	*65.00*	
10 71 13 13-0158	PR	6" Thru 8" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	815.98	33.44
		For Arched Tops, Add	*65.00*	
10 71 13 13-0159	PR	6" Thru 8" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	885.10	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0160	PR	6" Thru 8" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	954.18	36.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0161	PR	6" Thru 8" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	1,023.29	38.00
		For Arched Tops, Add	*65.00*	
10 71 13 13-0162	PR	6" Thru 8" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	1,092.40	39.52
		For Arched Tops, Add	*65.00*	
10 71 13 13-0163	PR	6" Thru 8" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	1,161.49	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0164	PR	6" Thru 8" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	1,230.59	42.56
		For Arched Tops, Add	*65.00*	
10 71 13 13-0165	PR	6" Thru 8" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	1,299.71	44.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0166	PR	6" Thru 8" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	1,368.82	45.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0167	PR	6" Thru 8" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	1,437.94	47.12
		For Arched Tops, Add	*65.00*	

10 71 13 13-0168 10" Through 12" Width *(10 71 13 13-0152)*

10 71 13 13-0169	PR	10" Thru 12" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	630.38	28.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0170	PR	10" Thru 12" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	710.30	29.70
		For Arched Tops, Add	*65.00*	
10 71 13 13-0171	PR	10" Thru 12" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	790.24	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0172	PR	10" Thru 12" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	871.19	31.92
		For Arched Tops, Add	*65.00*	
10 71 13 13-0173	PR	10" Thru 12" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	952.10	33.44
		For Arched Tops, Add	*65.00*	
10 71 13 13-0174	PR	10" Thru 12" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	1,033.07	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0175	PR	10" Thru 12" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	1,114.00	36.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0176	PR	10" Thru 12" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	1,194.94	38.00
		For Arched Tops, Add	*65.00*	
10 71 13 13-0177	PR	10" Thru 12" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	1,275.88	39.52
		For Arched Tops, Add	*65.00*	
10 71 13 13-0178	PR	10" Thru 12" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	1,356.84	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0179	PR	10" Thru 12" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	1,437.75	42.56
		For Arched Tops, Add	*65.00*	
10 71 13 13-0180	PR	10" Thru 12" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	1,518.72	44.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0181	PR	10" Thru 12" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	1,599.64	45.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0182	PR	10" Thru 12" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	1,680.59	47.12
		For Arched Tops, Add	*65.00*	

10 71 13 13-0183 14" Through 16" Width *(10 71 13 13-0152)*

10 71 13 13-0184	PR	14" Thru 16" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	827.67	28.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0185	PR	14" Thru 16" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	933.91	29.70
		For Arched Tops, Add	*65.00*	
10 71 13 13-0186	PR	14" Thru 16" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	1,040.12	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0187	PR	14" Thru 16" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	1,147.37	31.92
		For Arched Tops, Add	*65.00*	
10 71 13 13-0188	PR	14" Thru 16" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	1,254.61	33.44
		For Arched Tops, Add	*65.00*	
10 71 13 13-0189	PR	14" Thru 16" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	1,361.87	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0190	PR	14" Thru 16" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	1,469.11	36.48
		For Arched Tops, Add	*65.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0191	PR	14" Thru 16" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	1,576.37	38.00
		For Arched Tops, Add	*65.00*	
10 71 13 13-0192	PR	14" Thru 16" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	1,578.39	39.52
		For Arched Tops, Add	*65.00*	
10 71 13 13-0193	PR	14" Thru 16" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	1,790.87	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0194	PR	14" Thru 16" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	1,898.11	42.56
		For Arched Tops, Add	*65.00*	
10 71 13 13-0195	PR	14" Thru 16" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	2,005.35	44.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0196	PR	14" Thru 16" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	2,112.59	45.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0197	PR	14" Thru 16" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	2,219.84	47.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0198		**18" Through 20" Width** *(10 71 13 13-0152)*		
10 71 13 13-0199	PR	18" Thru 20" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	926.29	28.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0200	PR	18" Thru 20" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	1,045.70	29.70
		For Arched Tops, Add	*65.00*	
10 71 13 13-0201	PR	18" Thru 20" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	1,165.08	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0202	PR	18" Thru 20" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	1,284.38	31.92
		For Arched Tops, Add	*65.00*	
10 71 13 13-0203	PR	18" Thru 20" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	1,405.86	33.44
		For Arched Tops, Add	*65.00*	
10 71 13 13-0204	PR	18" Thru 20" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	1,526.29	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0205	PR	18" Thru 20" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	1,646.66	36.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0206	PR	18" Thru 20" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	1,767.09	38.00
		For Arched Tops, Add	*65.00*	
10 71 13 13-0207	PR	18" Thru 20" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	1,887.47	39.52
		For Arched Tops, Add	*65.00*	
10 71 13 13-0208	PR	18" Thru 20" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	2,007.88	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0209	PR	18" Thru 20" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	2,128.26	42.56
		For Arched Tops, Add	*65.00*	
10 71 13 13-0210	PR	18" Thru 20" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	2,248.69	44.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0211	PR	18" Thru 20" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	2,369.07	45.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0212	PR	18" Thru 20" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	2,489.48	47.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0213		**22" Through 24" Width** *(10 71 13 13-0152)*		
10 71 13 13-0214	PR	22" Thru 24" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	1,222.23	28.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0215	PR	22" Thru 24" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	1,381.07	29.70
		For Arched Tops, Add	*65.00*	
10 71 13 13-0216	PR	22" Thru 24" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	1,539.94	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0217	PR	22" Thru 24" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	1,699.78	31.92
		For Arched Tops, Add	*65.00*	
10 71 13 13-0218	PR	22" Thru 24" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	1,859.62	33.44
		For Arched Tops, Add	*65.00*	
10 71 13 13-0219	PR	22" Thru 24" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	2,019.51	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0220	PR	22" Thru 24" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	2,179.34	36.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0221	PR	22" Thru 24" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	2,339.21	38.00
		For Arched Tops, Add	*65.00*	
10 71 13 13-0222	PR	22" Thru 24" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	2,499.08	39.52
		For Arched Tops, Add	*65.00*	
10 71 13 13-0223	PR	22" Thru 24" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	2,658.93	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0224	PR	22" Thru 24" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	2,818.77	42.56
		For Arched Tops, Add	*65.00*	
10 71 13 13-0225	PR	22" Thru 24" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	2,978.66	44.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0226	PR	22" Thru 24" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	3,138.50	45.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0227	PR	22" Thru 24" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	3,298.35	47.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0228		**26" Through 28" Width** *(10 71 13 13-0152)*		
10 71 13 13-0229	PR	26" Thru 28" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	1,399.78	28.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0230	PR	26" Thru 28" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	1,582.30	29.70
		For Arched Tops, Add	*65.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0231	PR	26" Thru 28" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	1,764.85	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0232	PR	26" Thru 28" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	1,948.37	31.92
		For Arched Tops, Add	*65.00*	
10 71 13 13-0233	PR	26" Thru 28" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	2,131.89	33.44
		For Arched Tops, Add	*65.00*	
10 71 13 13-0234	PR	26" Thru 28" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	2,315.45	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0235	PR	26" Thru 28" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	2,498.96	36.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0236	PR	26" Thru 28" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	2,682.50	38.00
		For Arched Tops, Add	*65.00*	
10 71 13 13-0237	PR	26" Thru 28" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	2,866.05	39.52
		For Arched Tops, Add	*65.00*	
10 71 13 13-0238	PR	26" Thru 28" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	3,049.55	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0239	PR	26" Thru 28" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	3,233.07	42.56
		For Arched Tops, Add	*65.00*	
10 71 13 13-0240	PR	26" Thru 28" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	3,416.63	44.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0241	PR	26" Thru 28" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	3,600.15	45.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0242	PR	26" Thru 28" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	3,783.65	47.12
		For Arched Tops, Add	*65.00*	

10 71 13 13-0243 Pine Louvered Shutters *(10 71 13 13)*

10 71 13 13-0244 12" Width *(10 71 13 13-0243)*

10 71 13 13-0245	PR	12" x 35" Pine Louvered Shutter	310.70	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0246	PR	12" x 39" Pine Louvered Shutter	324.17	31.92
		For Arched Tops, Add	*65.00*	
10 71 13 13-0247	PR	12" x 43" Pine Louvered Shutter	337.48	33.44
		For Arched Tops, Add	*65.00*	
10 71 13 13-0248	PR	12" x 47" Pine Louvered Shutter	350.87	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0249	PR	12" x 51" Pine Louvered Shutter	364.18	36.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0250	PR	12" x 55" Pine Louvered Shutter	377.57	38.00
		For Arched Tops, Add	*65.00*	
10 71 13 13-0251	PR	12" x 59" Pine Louvered Shutter	390.97	39.52
		For Arched Tops, Add	*65.00*	
10 71 13 13-0252	PR	12" x 63" Pine Louvered Shutter	404.45	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0253	PR	12" x 67" Pine Louvered Shutter	417.82	42.56
		For Arched Tops, Add	*65.00*	
10 71 13 13-0254	PR	12" x 71" Pine Louvered Shutter	431.24	44.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0255	PR	12" x 75" Pine Louvered Shutter	444.62	45.60
		For Arched Tops, Add	*65.00*	

10 71 13 13-0256 14" Width *(10 71 13 13-0243)*

10 71 13 13-0257	PR	14" x 35" Pine Louvered Shutter	343.34	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0258	PR	14" x 39" Pine Louvered Shutter	358.29	31.92
		For Arched Tops, Add	*65.00*	
10 71 13 13-0259	PR	14" x 43" Pine Louvered Shutter	373.00	33.44
		For Arched Tops, Add	*65.00*	
10 71 13 13-0260	PR	14" x 47" Pine Louvered Shutter	387.88	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0261	PR	14" x 51" Pine Louvered Shutter	402.61	36.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0262	PR	14" x 55" Pine Louvered Shutter	417.34	38.00
		For Arched Tops, Add	*65.00*	
10 71 13 13-0263	PR	14" x 59" Pine Louvered Shutter	432.17	39.52
		For Arched Tops, Add	*65.00*	
10 71 13 13-0264	PR	14" x 63" Pine Louvered Shutter	447.01	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0265	PR	14" x 67" Pine Louvered Shutter	461.74	42.56
		For Arched Tops, Add	*65.00*	
10 71 13 13-0266	PR	14" x 71" Pine Louvered Shutter	476.56	44.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0267	PR	14" x 75" Pine Louvered Shutter	491.42	45.60
		For Arched Tops, Add	*65.00*	

10 71 13 13-0268 15" Width *(10 71 13 13-0243)*

10 71 13 13-0269	PR	15" x 35" Pine Louvered Shutter	359.27	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0270	PR	15" x 39" Pine Louvered Shutter	374.77	31.92
		For Arched Tops, Add	*65.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0271	PR	15" x 43" Pine Louvered Shutter	390.33	33.44
		For Arched Tops, Add	*65.00*	
10 71 13 13-0272	PR	15" x 47" Pine Louvered Shutter	405.79	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0273	PR	15" x 51" Pine Louvered Shutter	421.31	36.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0274	PR	15" x 55" Pine Louvered Shutter	436.82	38.00
		For Arched Tops, Add	*65.00*	
10 71 13 13-0275	PR	15" x 59" Pine Louvered Shutter	452.35	39.52
		For Arched Tops, Add	*65.00*	
10 71 13 13-0276	PR	15" x 63" Pine Louvered Shutter	467.83	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0277	PR	15" x 67" Pine Louvered Shutter	483.30	42.56
		For Arched Tops, Add	*65.00*	
10 71 13 13-0278	PR	15" x 71" Pine Louvered Shutter	498.78	44.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0279	PR	15" x 75" Pine Louvered Shutter	514.31	45.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0280	PR	15" x 81" Pine Louvered Shutter	536.56	47.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0281		**16" Width** *(10 71 13 13-0243)*		
10 71 13 13-0282	PR	16" x 35" Pine Louvered Shutter	374.45	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0283	PR	16" x 39" Pine Louvered Shutter	391.25	31.92
		For Arched Tops, Add	*65.00*	
10 71 13 13-0284	PR	16" x 43" Pine Louvered Shutter	408.21	33.44
		For Arched Tops, Add	*65.00*	
10 71 13 13-0285	PR	16" x 47" Pine Louvered Shutter	425.12	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0286	PR	16" x 51" Pine Louvered Shutter	442.04	36.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0287	PR	16" x 55" Pine Louvered Shutter	458.95	38.00
		For Arched Tops, Add	*65.00*	
10 71 13 13-0288	PR	16" x 59" Pine Louvered Shutter	475.76	39.52
		For Arched Tops, Add	*65.00*	
10 71 13 13-0289	PR	16" x 63" Pine Louvered Shutter	492.72	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0290	PR	16" x 67" Pine Louvered Shutter	509.62	42.56
		For Arched Tops, Add	*65.00*	
10 71 13 13-0291	PR	16" x 71" Pine Louvered Shutter	526.56	44.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0292	PR	16" x 75" Pine Louvered Shutter	543.45	45.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0293	PR	16" x 81" Pine Louvered Shutter	560.27	47.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0294		**18" Width** *(10 71 13 13-0243)*		
10 71 13 13-0295	PR	18" x 35" Pine Louvered Shutter	407.84	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0296	PR	18" x 39" Pine Louvered Shutter	429.65	31.92
		For Arched Tops, Add	*65.00*	
10 71 13 13-0297	PR	18" x 47" Pine Louvered Shutter	467.14	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0298	PR	18" x 55" Pine Louvered Shutter	504.70	38.00
		For Arched Tops, Add	*65.00*	
10 71 13 13-0299	PR	18" x 63" Pine Louvered Shutter	542.23	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0300	PR	18" x 75" Pine Louvered Shutter	623.65	45.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0301	PR	18" x 81" Pine Louvered Shutter	646.63	47.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0302		**Exterior Cedar Board N' Batten Wood Shutters** *(10 71 13 13)*		
10 71 13 13-0303		**8" Through 14" Width** *(10 71 13 13-0302)*		
10 71 13 13-0304	PR	8" Thru 14" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter	618.02	28.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0305	PR	8" Thru 14" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	812.21	29.70
		For Arched Tops, Add	*65.00*	
10 71 13 13-0306	PR	8" Thru 14" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	813.23	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0307	PR	8" Thru 14" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	1,008.42	31.92
		For Arched Tops, Add	*65.00*	
10 71 13 13-0308	PR	8" Thru 14" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	1,010.45	33.44
		For Arched Tops, Add	*65.00*	
10 71 13 13-0309	PR	8" Thru 14" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	1,012.48	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0310	PR	8" Thru 14" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	1,207.67	36.48
		For Arched Tops, Add	*65.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0311	PR	8" Thru 14" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	1,209.70	38.00
		For Arched Tops, Add	*65.00*	
10 71 13 13-0312	PR	8" Thru 14" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	1,211.72	39.52
		For Arched Tops, Add	*65.00*	
10 71 13 13-0313	PR	8" Thru 14" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	1,406.92	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0314	PR	8" Thru 14" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	1,408.94	42.56
		For Arched Tops, Add	*65.00*	
10 71 13 13-0315	PR	8" Thru 14" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	1,604.15	44.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0316	PR	8" Thru 14" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	1,606.18	45.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0317	PR	8" Thru 14" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	1,608.21	47.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0318	PR	8" Thru 14" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	1,610.24	48.64
		For Arched Tops, Add	*65.00*	

10 71 13 13-0319 15" Through 16" Width *(10 71 13 13-0302)*

10 71 13 13-0320	PR	15" Thru 16" Width x Through 30" Height Cedar Board N' Batten Wood Shutter	811.19	28.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0321	PR	15" Thru 16" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	812.21	29.70
		For Arched Tops, Add	*65.00*	
10 71 13 13-0322	PR	15" Thru 16" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	1,006.40	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0323	PR	15" Thru 16" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	1,008.42	31.92
		For Arched Tops, Add	*65.00*	
10 71 13 13-0324	PR	15" Thru 16" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	1,203.61	33.44
		For Arched Tops, Add	*65.00*	
10 71 13 13-0325	PR	15" Thru 16" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	1,205.65	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0326	PR	15" Thru 16" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	1,207.66	36.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0327	PR	15" Thru 16" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	1,402.87	38.00
		For Arched Tops, Add	*65.00*	
10 71 13 13-0328	PR	15" Thru 16" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	1,404.89	39.52
		For Arched Tops, Add	*65.00*	
10 71 13 13-0329	PR	15" Thru 16" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	1,600.10	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0330	PR	15" Thru 16" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	1,602.12	42.56
		For Arched Tops, Add	*65.00*	
10 71 13 13-0331	PR	15" Thru 16" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	1,797.33	44.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0332	PR	15" Thru 16" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	1,799.35	45.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0333	PR	15" Thru 16" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	1,994.55	47.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0334	PR	15" Thru 16" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	1,996.57	48.64
		For Arched Tops, Add	*65.00*	

10 71 13 13-0335 17" Through 18" Width *(10 71 13 13-0302)*

10 71 13 13-0336	PR	17" Thru 18" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter	811.20	28.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0337	PR	17" Thru 18" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	1,005.38	29.70
		For Arched Tops, Add	*65.00*	
10 71 13 13-0338	PR	17" Thru 18" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	1,006.40	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0339	PR	17" Thru 18" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	1,201.59	31.92
		For Arched Tops, Add	*65.00*	
10 71 13 13-0340	PR	17" Thru 18" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	1,203.61	33.44
		For Arched Tops, Add	*65.00*	
10 71 13 13-0341	PR	17" Thru 18" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	1,398.82	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0342	PR	17" Thru 18" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	1,400.83	36.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0343	PR	17" Thru 18" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	1,596.05	38.00
		For Arched Tops, Add	*65.00*	
10 71 13 13-0344	PR	17" Thru 18" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	1,598.07	39.52
		For Arched Tops, Add	*65.00*	
10 71 13 13-0345	PR	17" Thru 18" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	1,793.27	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0346	PR	17" Thru 18" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	1,795.29	42.56
		For Arched Tops, Add	*65.00*	
10 71 13 13-0347	PR	17" Thru 18" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	1,990.50	44.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0348	PR	17" Thru 18" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	1,992.52	45.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0349	PR	17" Thru 18" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	2,187.72	47.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0350	PR	17" Thru 18" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	2,189.74	48.64
		For Arched Tops, Add	*65.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0351		**19" Through 20" Width** *(10 71 13 13-0302)*		
10 71 13 13-0352	PR	19" Thru 20" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter	1,004.36	28.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0353	PR	19" Thru 20" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	1,005.38	29.70
		For Arched Tops, Add	*65.00*	
10 71 13 13-0354	PR	19" Thru 20" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	1,199.57	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0355	PR	19" Thru 20" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	1,201.59	31.92
		For Arched Tops, Add	*65.00*	
10 71 13 13-0356	PR	19" Thru 20" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	1,396.78	33.44
		For Arched Tops, Add	*65.00*	
10 71 13 13-0357	PR	19" Thru 20" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	1,398.82	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0358	PR	19" Thru 20" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	1,594.01	36.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0359	PR	19" Thru 20" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	1,789.22	38.00
		For Arched Tops, Add	*65.00*	
10 71 13 13-0360	PR	19" Thru 20" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	1,791.24	39.52
		For Arched Tops, Add	*65.00*	
10 71 13 13-0361	PR	19" Thru 20" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	1,986.44	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0362	PR	19" Thru 20" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	1,988.46	42.56
		For Arched Tops, Add	*65.00*	
10 71 13 13-0363	PR	19" Thru 20" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	2,183.67	44.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0364	PR	19" Thru 20" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	2,185.69	45.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0365	PR	19" Thru 20" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	2,380.89	47.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0366	PR	19" Thru 20" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	2,382.91	48.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0367		**21" Through 22" Width** *(10 71 13 13-0302)*		
10 71 13 13-0368	PR	21" Thru 22" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter	1,004.36	28.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0369	PR	21" Thru 22" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	1,005.38	29.70
		For Arched Tops, Add	*65.00*	
10 71 13 13-0370	PR	21" Thru 22" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	1,199.57	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0371	PR	21" Thru 22" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	1,394.76	31.92
		For Arched Tops, Add	*65.00*	
10 71 13 13-0372	PR	21" Thru 22" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	1,396.78	33.44
		For Arched Tops, Add	*65.00*	
10 71 13 13-0373	PR	21" Thru 22" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	1,592.00	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0374	PR	21" Thru 22" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	1,594.01	36.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0375	PR	21" Thru 22" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	1,789.22	38.00
		For Arched Tops, Add	*65.00*	
10 71 13 13-0376	PR	21" Thru 22" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	1,984.41	39.52
		For Arched Tops, Add	*65.00*	
10 71 13 13-0377	PR	21" Thru 22" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	1,986.44	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0378	PR	21" Thru 22" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	2,181.63	42.56
		For Arched Tops, Add	*65.00*	
10 71 13 13-0379	PR	21" Thru 22" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	2,183.67	44.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0380	PR	21" Thru 22" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	2,378.86	45.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0381	PR	21" Thru 22" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	2,380.89	47.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0382	PR	21" Thru 22" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	2,382.91	48.64
		For Arched Tops, Add	*65.00*	
10 71 13 13-0383		**22" Through 24" Width** *(10 71 13 13-0302)*		
10 71 13 13-0384	PR	22" Thru 24" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter	1,004.36	28.88
		For Arched Tops, Add	*65.00*	
10 71 13 13-0385	PR	22" Thru 24" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	1,198.55	29.70
		For Arched Tops, Add	*65.00*	
10 71 13 13-0386	PR	22" Thru 24" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	1,199.57	30.40
		For Arched Tops, Add	*65.00*	
10 71 13 13-0387	PR	22" Thru 24" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	1,394.76	31.92
		For Arched Tops, Add	*65.00*	
10 71 13 13-0388	PR	22" Thru 24" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	1,589.96	33.44
		For Arched Tops, Add	*65.00*	
10 71 13 13-0389	PR	22" Thru 24" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	1,592.00	34.96
		For Arched Tops, Add	*65.00*	
10 71 13 13-0390	PR	22" Thru 24" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	1,787.18	36.48
		For Arched Tops, Add	*65.00*	
10 71 13 13-0391	PR	22" Thru 24" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	1,789.22	38.00
		For Arched Tops, Add	*65.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0392	PR	22" Thru 24" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	1,984.41	39.52
		For Arched Tops, Add	*65.00*	
10 71 13 13-0393	PR	22" Thru 24" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	2,179.61	41.04
		For Arched Tops, Add	*65.00*	
10 71 13 13-0394	PR	22" Thru 24" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	2,181.63	42.56
		For Arched Tops, Add	*65.00*	
10 71 13 13-0395	PR	22" Thru 24" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	2,376.84	44.08
		For Arched Tops, Add	*65.00*	
10 71 13 13-0396	PR	22" Thru 24" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	2,378.86	45.60
		For Arched Tops, Add	*65.00*	
10 71 13 13-0397	PR	22" Thru 24" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	2,574.07	47.12
		For Arched Tops, Add	*65.00*	
10 71 13 13-0398	PR	22" Thru 24" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	2,576.09	48.64
		For Arched Tops, Add	*65.00*	

10 71 13 13-0399 Accessories *(10 71 13 13)*

10 71 13 13-0400	PR	Surface Mounted Pintel, Stainless Steel	65.40	
10 71 13 13-0401	PR	Lag Pintel, Stainless Steel	65.40	
10 71 13 13-0402	PR	10" Strap Hinge, Stainless Steel	98.62	
10 71 13 13-0403	PR	6" L-Hinge, Stainless Steel	90.90	
10 71 13 13-0404	PR	Hinge Set, Galvanized And Painted	82.05	
10 71 13 13-0405	PR	Acorn Holdback	76.92	
10 71 13 13-0406	PR	'S' Holdback, Stainless Steel	64.44	
10 71 13 13-0407	PR	'S' Holdback, Galvanized And Painted	60.58	

10 73 Protective Covers *(10 70)*

10 73 13 Awnings *(10 73)*

10 73 13 13 Metal Awnings *(10 73 13)*

10 73 13 13-0001 Metal Awnings *(10 73 13 13)*
Note: Includes metal cover, frame supports and anchoring.

10 73 13 13-0002	SF	Clear Weather Resistant Finish, Ribbed Aluminum Window Awnings	75.11	8.61
10 73 13 13-0003	SF	Baked Enamel Finish, Ribbed Aluminum Window Awning	66.42	7.71
10 73 13 13-0004	SF	Flat Roofed Steel Awning	240.58	8.95
		Note: Per SF of covered area		
10 73 13 13-0005	SF	Arched Roofed Steel Awning (Per SF Of Covered Area)	248.22	10.07

10 73 13 23 Fabric Awnings *(10 73 13)*

10 73 13 23-0001 Canvas Awnings *(10 73 13 23)*
Note: Includes minimum 12 oz. canvas, frame supports and anchoring.

10 73 13 23-0002	SF	Canvas Awning, Waterproof Fabric Tubular Metal Framing	72.39	7.11
10 73 13 23-0003	SF	Side Protection Canvas For Walkways (Per SF Of Wall Area)	41.62	2.29
10 73 13 23-0004	SF	Removal And Replacement Of Canvas For Awnings	26.23	
		Note: Includes removal of existing canvas cover.		
		For 18 Oz. Vinyl Laminated Polyester Cover, Add	*0.91*	

10 73 16 Canopies *(10 73)*

10 73 16 13 Metal Canopies *(10 73 16)*

10 73 16 13-0001 Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished *(10 73 16 13)*
Note: Includes cover, frame supports and anchoring.

10 73 16 13-0002	EA	8' x 10' Canopy, Aluminum, Wall Hung	6,738.43	444.04
10 73 16 13-0003	EA	8' x 20' Canopy, Aluminum, Wall Hung	12,562.74	710.64
10 73 16 13-0004	EA	10' x 10' Canopy, Aluminum, Wall Hung	8,290.25	555.60
10 73 16 13-0005	EA	10' x 20' Canopy, Aluminum, Wall Hung	15,353.02	742.95

10 73 26 Walkway Coverings *(10 73)*

Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.

10 73 26 13 Metal Walkway Coverings *(10 73 26)*

10 73 26 13-0001 Steel Walkway/Parking Covers *(10 73 26 13)*
Note: Factory applied polyester finish.

10 73 26 13-0002	SF	Flat Roofed Steel Walkway/Parking Cover	117.10	6.42
		Note: Includes factory applied polyester finish.		
		For Snow Load (30 PSF), Add	*41.71*	
		For Wind Load (140 MPH), Add	*52.14*	
10 73 26 13-0003	SF	Arch Roofed Steel Walkway/Parking Cover	124.62	6.91
		Note: Includes factory applied polyester finish.		
		For Snow Load (30 PSF), Add	*44.32*	
		For Wind Load (140 MPH), Add	*55.40*	

10 73 26 13-0004 Aluminum Walkway/Parking Covers *(10 73 26 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 73 26 13-0005	SF	Flat Roofed Aluminum Walkway/Parking Cover Note: Includes factory applied polyester finish.	65.23	6.42
		For Snow Load (30 PSF), Add	*20.96*	
		For Wind Load (140 MPH), Add	*26.20*	
10 73 26 13-0006	SF	Arch Roofed Aluminum Walkway/Parking Cover Note: Includes factory applied polyester finish.	70.99	6.91
		For Snow Load (30 PSF), Add	*22.87*	
		For Wind Load (140 MPH), Add	*28.59*	

10 75 Flagpoles *(10 70)*

Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete. See CSI section 10 75 16 00-0021 for bases.

10 75 16 Ground-Set Flagpoles *(10 75)*

10 75 16 00-0001 Free Standing Tapered Fiberglass Flagpoles *(10 75 16)*

Note: Excludes base or foundation See CSI section 10 75 16 00-0021 for concrete base.

10 75 16 00-0002	EA	25' Exposed Height, Tapered White Fiberglass Flagpole Note: 6" butt diameter, 3" top diameter and 0.180" wall.	2,890.04	849.76
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*20.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0003	EA	30' Exposed Height, Tapered White Fiberglass Flagpole Note: 6-1/2" butt diameter, 3" top diameter and 0.180" wall.	3,100.65	927.02
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*50.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0004	EA	35' Exposed Height, Tapered White Fiberglass Flagpole Note: 7" butt diameter, 3" top diameter and 0.200" wall.	3,849.48	1,081.51
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*10.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0005	EA	40' Exposed Height, Tapered White Fiberglass Flagpole Note: 7" butt diameter, 3" top diameter and 0.200" wall.	4,454.99	1,236.02
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*50.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0006	EA	50' Exposed Height, Tapered White Fiberglass Flagpole Note: 10" butt diameter, 4-1/2" top diameter and 0.275" wall.	7,701.97	1,390.52
		For Internal Halyard, Winch System, Add	*1,700.00*	
		For Bronze Finish, Add	*200.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0007	EA	60' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-1/2" butt diameter, 4-1/2" top diameter and 0.300" wall.	9,099.24	1,545.02
		For Internal Halyard, Winch System, Add	*1,900.00*	
		For Bronze Finish, Add	*160.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0008	EA	70' Exposed Height, Tapered White Fiberglass Flagpole Note: 16" butt diameter, 7" top diameter and 0.325" wall.	15,069.58	1,699.53
		For Internal Halyard, Winch System, Add	*2,860.00*	
		For Bronze Finish, Add	*700.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0009	EA	78' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-3/4" butt diameter, 7" top diameter and 0.350" wall.	19,306.26	1,854.02
		For Internal Halyard, Winch System, Add	*2,900.00*	
		For Bronze Finish, Add	*900.00*	
		For Rope Lock Box, Add	*96.00*	

10 75 16 00-0010 Free Standing Tapered Aluminum Flagpoles *(10 75 16)*

Note: Heavy duty. Excludes base or foundation See CSI section 10 75 16 00-0021 for concrete base.

10 75 16 00-0011	EA	20' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5" butt diameter, 3" top diameter and 0.188" wall.	2,737.18	772.51
		For Internal Halyard, Winch System, Add	*570.00*	
		For Clear Anodized Finish, Add	*150.00*	
		For Bronze Anodized Finish, Add	*180.00*	
		For Black Anodized Finish, Add	*230.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0012	EA	25' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5-1/2" butt diameter, 3-1/2" top diameter and 0.188" wall.	3,232.78	849.76
		For Internal Halyard, Winch System, Add	*1,100.00*	
		For Clear Anodized Finish, Add	*200.00*	
		For Bronze Anodized Finish, Add	*230.00*	
		For Black Anodized Finish, Add	*320.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0013	EA	30' Exposed Height, Tapered Satin Aluminum Flagpole Note: 6" butt diameter, 3-1/2" top diameter and 0.188" wall.	3,582.41	927.02
		For Internal Halyard, Winch System, Add	*1,390.00*	
		For Clear Anodized Finish, Add	*240.00*	
		For Bronze Anodized Finish, Add	*290.00*	
		For Black Anodized Finish, Add	*400.00*	
		For Rope Lock Box, Add	*96.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0014	EA	35' Exposed Height, Tapered Satin Aluminum Flagpole Note: 7" butt diameter, 3-1/2" top diameter and 0.188" wall.	4,515.22	1,081.51
		For Internal Halyard, Winch System, Add	*1,340.00*	
		For Clear Anodized Finish, Add	*290.00*	
		For Bronze Anodized Finish, Add	*360.00*	
		For Black Anodized Finish, Add	*480.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0015	EA	40' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	5,545.35	1,236.02
		For Internal Halyard, Winch System, Add	*1,490.00*	
		For Clear Anodized Finish, Add	*390.00*	
		For Bronze Anodized Finish, Add	*480.00*	
		For Black Anodized Finish, Add	*660.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0016	EA	45' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	6,118.81	1,313.27
		For Internal Halyard, Winch System, Add	*1,340.00*	
		For Clear Anodized Finish, Add	*400.00*	
		For Bronze Anodized Finish, Add	*500.00*	
		For Black Anodized Finish, Add	*700.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0017	EA	50' Exposed Height, Tapered Satin Aluminum Flagpole Note: 10" butt diameter, 4" top diameter and 0.188" wall.	7,597.31	1,390.52
		For Internal Halyard, Winch System, Add	*1,380.00*	
		For Clear Anodized Finish, Add	*700.00*	
		For Bronze Anodized Finish, Add	*860.00*	
		For Black Anodized Finish, Add	*1,130.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0018	EA	60' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	12,724.49	1,545.02
		For Internal Halyard, Winch System, Add	*1,800.00*	
		For Clear Anodized Finish, Add	*620.00*	
		For Bronze Anodized Finish, Add	*820.00*	
		For Black Anodized Finish, Add	*1,160.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0019	EA	70' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	13,929.78	1,699.53
		For Internal Halyard, Winch System, Add	*1,720.00*	
		For Clear Anodized Finish, Add	*710.00*	
		For Bronze Anodized Finish, Add	*950.00*	
		For Black Anodized Finish, Add	*1,360.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0020	EA	80' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.375" wall.	17,324.72	1,854.02
		For Internal Halyard, Winch System, Add	*2,600.00*	
		For Clear Anodized Finish, Add	*1,100.00*	
		For Bronze Anodized Finish, Add	*1,380.00*	
		For Black Anodized Finish, Add	*1,840.00*	
		For Rope Lock Box, Add	*96.00*	

10 75 16 00-0021 Flagpole Bases *(10 75 16)*

10 75 16 00-0022 Flagpole Concrete Base *(10 75 16 00-0021)*

Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.

10 75 16 00-0023	EA	30' Or Less Flagpole, Poured Concrete Foundation	1,647.33
10 75 16 00-0024	EA	35' Flagpole, Poured Concrete Foundation	1,703.28
10 75 16 00-0025	EA	40' Flagpole, Poured Concrete Foundation	1,956.03
10 75 16 00-0026	EA	45' Flagpole, Poured Concrete Foundation	2,069.68
10 75 16 00-0027	EA	50' Flagpole, Poured Concrete Foundation	2,483.86
10 75 16 00-0028	EA	60' Flagpole, Poured Concrete Foundation	3,009.47
10 75 16 00-0029	EA	70' Flagpole, Poured Concrete Foundation	3,561.84
10 75 16 00-0030	EA	80' Flagpole, Poured Concrete Foundation	4,140.83
10 75 16 00-0031	EA	90' To 100' Flagpole, Poured Concrete Foundation	4,827.05

10 75 16 00-0032 Direct Embedded Flagpole Base *(10 75 16 00-0021)*

Note: Augured in place, no concrete required.

10 75 16 00-0033	EA	20' To 25' Flagpole, Direct Embedded Pole Base	670.45
10 75 16 00-0034	EA	30' To 40' Flagpole, Direct Embedded Pole Base	962.27
10 75 16 00-0035	EA	45' To 55' Flagpole, Direct Embedded Pole Base	1,074.42
10 75 16 00-0036	EA	60' To 70' Flagpole, Direct Embedded Pole Base	1,209.88

10 75 16 00-0037 Flagpole Accessories *(10 75 16)*

10 75 16 00-0038 Flagpole Tops *(10 75 16 00-0037)*

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

10 75 16 00-0039	EA	4" Gold Anodized Aluminum Ball For Top Of Flagpole	112.70	42.73
10 75 16 00-0040	EA	5" Gold Anodized Aluminum Ball For Top Of Flagpole	122.59	45.24
10 75 16 00-0041	EA	6" Gold Anodized Aluminum Ball For Top Of Flagpole	136.37	47.76
10 75 16 00-0042	EA	8" Gold Anodized Aluminum Ball For Top Of Flagpole	174.49	50.26
10 75 16 00-0043	EA	10" Gold Anodized Aluminum Ball For Top Of Flagpole	226.23	52.78
10 75 16 00-0044	EA	12" Gold Anodized Aluminum Ball For Top Of Flagpole	251.70	55.29

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0045	EA	11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	231.26	55.29
10 75 16 00-0046	EA	15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	268.72	62.83
10 75 16 00-0047		Flagpole Accessories *(10 75 16 00-0037)*		
		Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.		
10 75 16 00-0048	LF	5/16" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles	1.34	0.07
10 75 16 00-0049	LF	5/16" Diameter, Solid Braided Multifilament Polypropylene Halyard (Rope) For Flagpoles	0.65	0.07
10 75 16 00-0050	LF	5/16" Diameter, Nylon Halyard (Rope) For Flagpoles	0.50	0.07
10 75 16 00-0051	LF	3/8" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles	1.79	0.07
10 75 16 00-0052	EA	Refinish Existing Flagpole Ball	350.44	125.60
10 75 16 00-0053	EA	Locking Aluminum Cleat Box For Flagpoles	271.45	75.36
10 75 16 00-0054	EA	Aluminum Cleat For Flagpoles	22.41	5.03
10 75 16 00-0055	LF	1/8" Diameter, 7x7 Galvanized Wire Rope For Flagpoles	0.69	0.10
10 75 23		**Wall-Mounted Flagpoles** *(10 75)*		
10 75 23 00-0001		Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles *(10 75 23)*		
		Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.		
10 75 23 00-0002	EA	14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	1,909.99	677.64
		For Clear Anodized Finish, Add	*60.00*	
		For Bronze Anodized Finish, Add	*80.00*	
		For Black Anodized Finish, Add	*90.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0003	EA	17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,074.71	745.41
		For Clear Anodized Finish, Add	*70.00*	
		For Bronze Anodized Finish, Add	*80.00*	
		For Black Anodized Finish, Add	*100.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0004	EA	20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,249.17	813.17
		For Clear Anodized Finish, Add	*70.00*	
		For Bronze Anodized Finish, Add	*110.00*	
		For Black Anodized Finish, Add	*120.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0005	EA	25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,607.80	948.70
		For Clear Anodized Finish, Add	*70.00*	
		For Bronze Anodized Finish, Add	*90.00*	
		For Black Anodized Finish, Add	*100.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0006		Outrigger, Wall Mounted Tapered Aluminum Flagpoles *(10 75 23)*		
		Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.		
10 75 23 00-0007	EA	10' (3.0 m) Outrigger, Tapered Aluminum Flagpole, Satin Finish	2,426.48	609.87
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0008	EA	15' (4.6 m) Outrigger, Tapered Aluminum Flagpole, Satin Finish	2,620.40	677.64
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0009	EA	20' (6.1 m) Outrigger, Tapered Aluminum Flagpole, Satin Finish	2,930.39	813.17
		For Rope Lock Box, Add	*96.00*	
10 80		**Other Specialties** *(10)*		
10 81		**Pest Control Devices** *(10 80)*		
10 81 13		**Bird Control Devices** *(10 81)*		
10 81 13 00-0001		Stainless Steel Spiked Bird Barrier *(10 81 13)*		
		Note: Stainless steel spikes with flexible polycarbonate base.		
10 81 13 00-0002	LF	2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	9.82	0.81
10 81 13 00-0003	LF	4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	11.87	0.81
10 81 13 00-0004	LF	8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	17.59	0.81
10 81 13 00-0005		Polycarbonate Spiked Bird Barrier *(10 81 13)*		
		Note: Polycarbonate spikes and base.		
10 81 13 00-0006	LF	3" Wide Polycarbonate Spikes And Base Bird Deterrent System	9.04	0.81
10 81 13 00-0007	LF	5" Wide Polycarbonate Spikes And Base Bird Deterrent System	10.97	0.81
10 81 13 00-0008	LF	8" Wide Polycarbonate Spikes And Base Bird Deterrent System	13.05	0.81
10 81 13 00-0009		Spiked Gutter Or Girder Bird Barrier *(10 81 13)*		
		Note: Stainless steel spikes with flexible polycarbonate base mounted to gutter or girder. Includes aluminum clamps.		
10 81 13 00-0010	LF	Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System For Gutter Or Girder Application	10.54	0.81
10 81 13 00-0011		Coil Bird Barrier *(10 81 13)*		
		Note: Stainless steel coil.		
10 81 13 00-0012	LF	4" Diameter Stainless Steel Coil Bird Deterrent System	7.24	0.81
10 81 13 00-0013	LF	5" Diameter Stainless Steel Coil Bird Deterrent System	8.63	0.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 81 13 00-0014		**Spider Bird Barrier** *(10 81 13)*		
		Note: Stainless steel arms with various bases.		
10 81 13 00-0015	EA	2' Diameter Stainless Steel Spider Bird Deterrent System	122.09	0.81
10 81 13 00-0016	EA	4' Diameter Stainless Steel Spider Bird Deterrent System	181.80	0.81
10 81 13 00-0017	EA	8' Diameter Stainless Steel Spider Bird Deterrent System	230.62	0.81
10 81 13 00-0018		**Oriented Flexible Flame Resistant Netting** *(10 81 13)*		
		Note: Includes stainless steel rings and plastic ties.		
10 81 13 00-0019	SF	1/8" x 1/8" Mesh Flexible Polypropylene Netting	1.02	0.36
		Note: To control bird and marine predators.		
10 81 13 00-0020	SF	1/4" x 1/4" Mesh Flexible Polypropylene Netting	0.98	0.36
		Note: To control bird and marine predators.		
10 81 13 00-0021	SF	1/2" x 1/2" Mesh Flexible Polypropylene Netting	0.95	0.36
		Note: To control bird and marine predators.		
10 81 13 00-0022	SF	3/4" x 3/4" Mesh Flexible Polypropylene Netting	0.91	0.36
		Note: To control bird and marine predators.		
10 81 13 00-0023	SF	1" x 1" Mesh Flexible Polypropylene Netting	0.91	0.36
		Note: To control bird and marine predators.		
10 81 13 00-0024	SF	1-1/8" x 1-1/8" Mesh Flexible Polypropylene Netting	0.89	0.36
		Note: To control bird and marine predators.		
10 81 13 00-0025	SF	2" x 2" Mesh Flexible Polypropylene Netting	0.87	0.36
		Note: To control bird and marine predators.		
10 81 13 00-0026	SF	3" x 3" Mesh Flexible Polypropylene Netting	0.87	0.36
		Note: To control bird and marine predators.		
10 81 13 00-0027	SF	4" x 4" Mesh Flexible Polypropylene Netting	0.83	0.36
		Note: To control bird and marine predators.		
10 81 13 00-0028	SF	5/8" x 3/4" Mesh Flexible Polypropylene Netting	0.93	0.36
		Note: To control bird and marine predators.		
10 81 13 00-0029	SF	1-1/4" x 1-1/2" Mesh Flexible Polypropylene Netting	0.88	0.36
		Note: To control bird and marine predators.		
10 81 13 00-0030	EA	Poly Clips For Flexible Netting	3.09	
10 81 13 00-0031		**Netting Accessories** *(10 81 13)*		
10 81 13 00-0032	EA	2' Zipper For Flexible Netting	8.73	
10 81 13 00-0033	EA	4' Zipper For Flexible Netting	13.15	
10 81 13 00-0034	EA	6' Zipper For Flexible Netting	15.47	
10 81 13 00-0035	EA	8' Zipper For Flexible Netting	21.99	
10 81 16		**Insect Control Devices** *(10 81)*		
10 81 16 00-0001		**Insect Screening** *(10 81 16)*		
10 81 16 00-0002	CSF	17/14 Mesh Insect Screening With Flat Screen Splines	134.15	
10 86		**Security Mirrors And Domes** *(10 80)*		
10 86 00 00-0001		**Security Mirrors** *(10 86)*		
10 86 00 00-0002	EA	8" x 10" Framed Stainless Steel Mirror With Mounting Plate	86.24	31.30
10 86 00 00-0003	EA	10" x 14" Framed Stainless Steel Mirror With Mounting Plate	93.07	31.30
10 86 00 00-0004	EA	16" x 20" Unframed Stainless Steel Mirror With Mounting Screws	142.95	26.08
10 86 00 00-0005	EA	8" x 10" Framed Stainless Steel Replacement Mirror	79.93	31.30
10 86 00 00-0006	EA	10" x 14" Framed Stainless Steel Replacement Mirror	112.57	31.30
10 86 00 00-0007		**Dome Mirrors** *(10 86)*		
		Note: Includes all mounting hardware. Indoor or outdoor applications.		
10 86 00 00-0008		**Steel Dome Mirrors** *(10 86 00 00-0007)*		
10 86 00 00-0009	EA	9" Diameter Full-Dome Steel Dome Mirror	294.38	20.10
10 86 00 00-0010	EA	12" Diameter Full-Dome Steel Dome Mirror	347.23	21.11
10 86 00 00-0011	EA	18" Diameter Full-Dome Steel Dome Mirror	402.08	23.13
10 86 00 00-0012	EA	24" Diameter Full-Dome Steel Dome Mirror	538.71	25.13
10 86 00 00-0013	EA	9" Diameter Half-Dome Steel Dome Mirror	210.51	15.08
10 86 00 00-0014	EA	12" Diameter Half-Dome Steel Dome Mirror	243.47	16.08
10 86 00 00-0015	EA	18" Diameter Half-Dome Steel Dome Mirror	284.94	17.59
10 86 00 00-0016	EA	24" Diameter Half-Dome Steel Dome Mirror	398.46	19.10
10 86 00 00-0017		**Plexiglas Dome Mirrors** *(10 86 00 00-0007)*		
10 86 00 00-0018	EA	18" Diameter Full-Dome Plexiglas Dome Mirror	226.37	23.13
10 86 00 00-0019	EA	26" Diameter Full-Dome Plexiglas Dome Mirror	322.11	25.13
10 86 00 00-0020	EA	32" Diameter Full-Dome Plexiglas Dome Mirror	427.41	29.15
10 86 00 00-0021	EA	36" Diameter Full-Dome Plexiglas Dome Mirror	516.83	35.19
10 86 00 00-0022	EA	48" Diameter Full-Dome Plexiglas Dome Mirror	754.75	50.26
10 86 00 00-0023	EA	18" Diameter Half-Dome Plexiglas Dome Mirror	137.52	17.59
10 86 00 00-0024	EA	26" Diameter Half-Dome Plexiglas Dome Mirror	186.95	19.10
10 86 00 00-0025	EA	32" Diameter Half-Dome Plexiglas Dome Mirror	247.36	22.12
10 86 00 00-0026	EA	36" Diameter Half-Dome Plexiglas Dome Mirror	305.24	26.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 86 00 00-0027	EA	48" Diameter Half-Dome Plexiglas Dome Mirror	486.50	37.70
10 86 00 00-0028	EA	18" Diameter Quarter-Dome Plexiglas Dome Mirror	87.63	15.08
10 86 00 00-0029	EA	26" Diameter Quarter-Dome Plexiglas Dome Mirror	113.40	16.59
10 86 00 00-0030	EA	32" Diameter Quarter-Dome Plexiglas Dome Mirror	150.13	18.60
10 86 00 00-0031	EA	36" Diameter Quarter-Dome Plexiglas Dome Mirror	187.46	22.12
10 86 00 00-0032	EA	48" Diameter Quarter-Dome Plexiglas Dome Mirror	312.58	31.42
10 86 00 00-0033		**Coated Plexiglas Dome Mirrors** *(10 86 00 00-0007)*		
10 86 00 00-0034	EA	18" Diameter Full-Dome Coated Plexiglas Dome Mirror	271.68	23.13
10 86 00 00-0035	EA	26" Diameter Full-Dome Coated Plexiglas Dome Mirror	423.78	25.13
10 86 00 00-0036	EA	36" Diameter Full-Dome Coated Plexiglas Dome Mirror	720.17	35.19
10 86 00 00-0037	EA	48" Diameter Full-Dome Coated Plexiglas Dome Mirror	1,110.59	50.26
10 86 00 00-0038	EA	18" Diameter Half-Dome Coated Plexiglas Dome Mirror	175.54	17.59
10 86 00 00-0039	EA	26" Diameter Half-Dome Coated Plexiglas Dome Mirror	263.64	19.10
10 86 00 00-0040	EA	36" Diameter Half-Dome Coated Plexiglas Dome Mirror	417.96	26.64
10 86 00 00-0041	EA	48" Diameter Half-Dome Coated Plexiglas Dome Mirror	694.26	37.70
10 86 00 00-0042	EA	18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	126.75	15.08
10 86 00 00-0043	EA	26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	179.26	16.59
10 86 00 00-0044	EA	32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	233.23	18.60
10 86 00 00-0045	EA	36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	300.62	22.12
10 86 00 00-0046	EA	48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	471.72	31.42
10 86 00 00-0047		**Circular Convex Security Mirrors** *(10 86)*		
		Note: Includes all mounting hardware.		
10 86 00 00-0048		**Plexiglas Circular Convex Mirrors** *(10 86 00 00-0047)*		
		Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0049	EA	12" Diameter Plexiglas Circular Convex Mirrors, Indoor	94.06	16.08
10 86 00 00-0050	EA	18" Diameter Plexiglas Circular Convex Mirrors, Indoor	123.38	17.59
10 86 00 00-0051	EA	26" Diameter Plexiglas Circular Convex Mirrors, Indoor	189.38	19.10
10 86 00 00-0052	EA	30" Diameter Plexiglas Circular Convex Mirrors, Indoor	237.19	22.12
10 86 00 00-0053	EA	36" Diameter Plexiglas Circular Convex Mirrors, Indoor	316.29	26.64
10 86 00 00-0054	EA	48" Diameter Plexiglas Circular Convex Mirrors, Indoor	561.64	37.70
10 86 00 00-0055	EA	18" Diameter Plexiglas Circular Convex Mirrors, Outdoor	160.73	17.59
10 86 00 00-0056	EA	26" Diameter Plexiglas Circular Convex Mirrors, Outdoor	233.58	19.10
10 86 00 00-0057	EA	36" Diameter Plexiglas Circular Convex Mirrors, Outdoor	333.98	26.64
10 86 00 00-0058	EA	48" Diameter Plexiglas Circular Convex Mirrors, Outdoor	614.69	37.70
10 86 00 00-0059		**Coated Plexiglas Circular Convex Mirrors** *(10 86 00 00-0047)*		
		Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0060	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	195.21	17.59
10 86 00 00-0061	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	310.05	19.10
10 86 00 00-0062	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	417.76	22.12
10 86 00 00-0063	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	521.84	26.64
10 86 00 00-0064	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	758.35	37.70
10 86 00 00-0065	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	235.66	17.59
10 86 00 00-0066	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	367.52	19.10
10 86 00 00-0067	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	512.80	22.12
10 86 00 00-0068	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	579.31	26.64
10 86 00 00-0069	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	919.70	37.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 Equipment

11 01 Operation and Maintenance of Equipment *(11)*

11 01 10 Operation and Maintenance of Vehicle and Pedestrian Equipment *(11 01)*

11 01 10 13 Operation and Maintenance of Parking Equipment *(11 01 10)*

11 01 10 13-0001 Replacement Parking Equipment *(11 01 10 13)*

11 01 10 13-0002	EA	10' Wood Arm Replacement With Bolts	589.36	
11 01 10 13-0003	EA	12' Wood Arm Replacement With Bolts	616.21	
11 01 10 13-0004	EA	14' Wood Arm Replacement With Bolts	646.97	
11 01 10 13-0005	EA	12' Aluminum Arm Replacement With Bolts	860.35	
11 01 10 13-0006	EA	14' Aluminum Arm Replacement With Bolts	889.18	
11 01 10 13-0007	EA	16' Aluminum Arm Replacement With Bolts	1,259.78	
11 01 10 13-0008	EA	18' Aluminum Arm Replacement With Bolts	1,278.38	
11 01 10 13-0009	EA	20' Aluminum Arm Replacement With Bolts	1,313.82	
11 01 10 13-0010	EA	22' Aluminum Arm Replacement With Bolts	1,510.76	
11 01 10 13-0011	EA	24' Aluminum Arm Replacement With Bolts	1,535.83	

11 10 Vehicle and Pedestrian Equipment *(11)*

11 11 Vehicle Service Equipment *(11 10)*

11 11 19 Vehicle Lubrication Equipment *(11 11)*

11 11 19 00-0001 Reels *(11 11 19)*

11 11 19 00-0002	EA	1/4" x 50' Hose, Grease Reel (Alemite 8078-B)	1,085.52	130.15
11 11 19 00-0003	EA	1/2" x 50' Hose, Oil Reel (Alemite 8078-D)	1,058.21	130.15
11 11 19 00-0004	EA	3/8" x 50' Hose, Air Or Water Reel (Alemite 8078-F)	925.10	130.15
11 11 19 00-0005	EA	1/2" x 50' Hose, Air Or Water Reel (Alemite 8078-M)	1,031.42	130.15

11 11 19 00-0006 Air Operated Powered Pumps *(11 11 19)*

Note: Excludes air compressor.

11 11 19 00-0007	EA	1", Oil, Air Operated Diaphragm Pump (Alemite 8323)	1,632.45	173.53
11 11 19 00-0008	EA	1", Antifreeze, Air Operatied Diaphragm Pump (Alemite 8325) Note: UL listed.	1,812.16	173.53
11 11 19 00-0009	EA	5:1 Air Operated Oil Pump (Alemite 9968)	1,450.46	173.53
11 11 19 00-0010	EA	50:1 High Pressure Grease Pump For 400 LB Drum (Alemite 9979-A) Note: Includes pump, drum cover and follower plate.	1,681.79	86.76

11 11 19 00-0011 Pumping Unit Accessories *(11 11 19)*

11 11 19 00-0012	EA	Rigid Extension, Digital Oil Meter (Alemite 3670)	593.82	32.54
11 11 19 00-0013	EA	Flexible Extension, Digital Meter (Alemite 3671)	593.82	32.54
11 11 19 00-0014	EA	Manual, Non-Drip Tip, Flexible, Digital Oil Meter (Alemite 3671-B)	593.82	32.54
11 11 19 00-0015	EA	Grease Control Handle (Alemite 6320-A)	321.16	32.54
11 11 19 00-0016	EA	150 PSI Filter/Regulator (Alemite 7936)	172.74	32.54
11 11 19 00-0017	EA	Z Type Grease Swivel (Alemite B331107)	114.79	10.85
11 11 19 00-0018	EA	Suction Hose Assembly (Parker T605-84)	265.14	43.39
11 11 19 00-0019	EA	Unistrut Reel Brackets	236.21	8.67
11 11 19 00-0020	EA	Large, Diaphragm Pump, Wall Mount Bracket (Alemite 343173)	317.50	32.54

11 11 36 Vehicle Charging Equipment *(11 11)*

11 11 36 13 Commercial Electric Vehicle Charging Unit *(11 11 36)*

11 11 36 13-0001 Electric Vehicle Charging Stations (GE) *(11 11 36 13)*

Note: Available with RFID (Radio Frequency Identification) reader.

11 11 36 13-0002	EA	Single Pedestal Electric Vehicle Charging Station Without RFID (GE EVSN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	4,094.72	155.30
11 11 36 13-0003	EA	Double Pedestal Electric Vehicle Charging Station Without RFID (GE EVDN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	7,258.85	207.07
11 11 36 13-0004	EA	Single Pedestal Electric Vehicle Charging Station With RFID (GE EVSRN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	7,566.10	155.30
11 11 36 13-0005	EA	Double Pedestal Electric Vehicle Charging Station With RFID (GE EVDRN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	12,912.39	207.07
11 11 36 13-0006	EA	Single Pole Mounted Electric Vehicle Charging Station Without RFID (GE EVPN3) Note: 208 to 240 volt, 30 amperes, 1 phase. Excludes pole.	3,567.03	77.65
11 11 36 13-0007	EA	Single Pole Mounted Electric Vehicle Charging Station With RFID (GE EVPRN3) Note: 208 to 240 volt, 30 amperes, 1 phase. Excludes pole.	6,908.26	77.65
11 11 36 13-0008	EA	Single Wall Mounted Electric Vehicle Charging Station Without RFID (GE EVWN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	3,453.47	103.53
11 11 36 13-0009	EA	Single Wall Mounted Electric Vehicle Charging Station With RFID (GE EVWRN3) Note: 208 to 240 volt, 30 amperes, 1 phase.	6,664.55	103.53

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 11 36 13-0010		Electric Vehicle Charging Stations (AeroVironment) *(11 11 36 13)*		
		Note: Can be configured as Level 1 (16 Amps, 120 VAC) or Level 2 (16 Amps, 240 VAC).		
11 11 36 13-0011	EA	Module Electric Vehicle Charging Station (AeroVironment TurboDock Module)	2,782.14	51.77
		Note: Includes charging station only. Excludes mounting bracket or pedestal.		
11 11 36 13-0012	EA	Single Wall Mount Electric Vehicle Charging Station (AeroVironment TurboDock Wall Mount)	3,978.41	103.53
		Note: Includes charging station(s) and wall mounting bracket that can hold up to two charging modules.		
11 11 36 13-0013	EA	Dual Wall Mount Electric Vehicle Charging Station (AeroVironment TurboDock Wall Mount)	6,657.01	129.41
		Note: Includes charging station(s) and wall mounting bracket that can hold up to two charging modules.		
11 11 36 13-0014	EA	Single Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	4,185.47	155.30
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0015	EA	Dual Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	6,864.07	181.18
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0016	EA	Triple Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	9,542.67	207.07
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0017	EA	Quad Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	12,221.28	232.95
		Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0018		Electric Vehicle Charging Stations (Leviton) *(11 11 36 13)*		
11 11 36 13-0019	EA	Single Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHG1-000)	4,447.90	103.53
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,846.96*	
		For Bollard Cap (Leviton CPCAP-B), Add	*261.63*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*1,967.64*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*261.63*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,794.25*	
11 11 36 13-0020	EA	Single Port, Electric Vehicle Charging Station, Non-Gateway LAN (Leviton evr-green® 4000 CPHD1-000)	3,552.90	103.53
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,846.96*	
		For Bollard Cap (Leviton CPCAP-B), Add	*261.63*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*1,967.64*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*261.63*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,794.25*	
11 11 36 13-0021	EA	Dual Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHG2-000)	8,723.84	129.41
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,846.96*	
		For Bollard Cap (Leviton CPCAP-B), Add	*261.63*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*1,967.64*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*261.63*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,794.25*	
11 11 36 13-0022	EA	Dual Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHD2-000)	7,825.94	129.41
		Note: 208 to 240 volt, 30 amperes, 1 phase.		
		For Bollard Body (Leviton CPMBX-000), Add	*2,846.96*	
		For Bollard Cap (Leviton CPCAP-B), Add	*261.63*	
		For Wall Mounting Body (Leviton CPMEX-000), Add	*1,967.64*	
		For Wall Mounting Cap (Leviton CPCAP-W), Add	*261.63*	
		For Cord Management Kit (Leviton CPCBX-000), Add	*1,794.25*	
11 11 36 13-0023	EA	Bollard Mounting Body For Charging Station (Leviton CPMBX-000)	3,261.10	155.30
		For Cap, Add	*261.63*	
11 11 36 13-0024	EA	Wall Mounting Body For Charging Station (Leviton CPMEX-000)	2,381.78	155.30
		For Cap, Add	*261.63*	
11 11 36 13-0025	EA	Cord Management Kit For Charging Station (Leviton CPCBX-000)	2,001.32	103.53
		For Cap, Add	*261.63*	

11 12 Parking Control Equipment *(11 10)*

11 12 13 Parking Key and Card Control Units *(11 12)*

11 12 13 00-0001	EA	Card Access Control System, Surface Mounted	1,502.57	90.86
		Note: Entracomp 26SA-SM.		
11 12 13 00-0002	EA	Card Access Control System, Flush Mounted	1,670.90	90.86
		Note: Entracomp 26SA-FM.		
11 12 13 00-0003	EA	Card Access Control System, Flush Mounted	1,926.85	90.86
		Note: Entracomp 26SA-MH.		

11 12 16 Parking Ticket Dispensers *(11 12)*

11 12 16 00-0001		Parking Ticket Dispensers *(11 12 16)*		
11 12 16 00-0002	EA	Standard Parking Ticket Dispenser With Time/Date Stamp	11,149.81	218.07
11 12 16 00-0003	EA	Rate Computing Parking Ticket Dispenser With Printer	15,006.48	218.07

11 12 23 Parking Meters *(11 12)*

11 12 23 00-0001		Parking Meters *(11 12 23)*		
11 12 23 00-0002	EA	Removal Of Parking Meter For Replacement Or Reinstall Existing Meter	212.92	

11 12 26 Parking Fee Collection Equipment *(11 12)*

11 12 26 13 Parking Fee Coin Collection Equipment *(11 12 26)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 12 26 13-0001		Parking Fee Collection Equipment *(11 12 26 13)*		
11 12 26 13-0002	EA	Multiple Station Slot Box For Parking Fee Collection	2,649.98	73.90
11 12 33		**Parking Gates** *(11 12)*		
11 12 33 13		**Lift Arm Parking Gates** *(11 12 33)*		
11 12 33 13-0001		Barrier Parking Gate Operators *(11 12 33 13)*		
11 12 33 13-0002		Barrier Parking Gate Operators *(11 12 33 13-0001)* Note: Includes operator and barrier arm. Excludes access controls and concrete foundation.		
11 12 33 13-0003	EA	12' Plastic Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	5,634.55	302.38
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0004	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	5,613.96	302.38
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0005	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	5,874.84	302.38
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0006	EA	20' Three Piece Wood Arm, 1 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1602-080)	8,432.64	302.38
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0007	EA	14' Wood Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	8,469.33	302.38
11 12 33 13-0008	EA	14' Aluminum Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	8,881.26	302.38
11 12 33 13-0009		Barrier Parking Gate Operators With Tire Shredding Traffic Control Spikes *(11 12 33 13-0001)* Note: Includes operator, barrier arm and tire shredding traffic control spikes. Excludes access controls and concrete foundation.		
11 12 33 13-0010	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	17,497.93	604.77
11 12 33 13-0011	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	20,502.40	604.77
11 12 33 13-0012	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	17,652.40	604.77
11 12 33 13-0013	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	20,656.87	604.77
11 12 33 13-0014		Barrier Parking Gate Operator Accessories *(11 12 33 13-0001)*		
11 12 33 13-0015	EA	12' Plastic Replacement Arm For Barrier Parking Gate Operators	216.40	22.38
11 12 33 13-0016	EA	14' Wood Replacement Arm For Barrier Parking Gate Operators	195.80	22.38
11 12 33 13-0017	EA	14' Aluminum Replacement Arm For Barrier Parking Gate Operators	456.69	22.38
11 12 33 13-0018	EA	20' Three Piece Wood Replacement Arm For Barrier Parking Gate Operators	688.40	22.38
11 12 33 13-0019	EA	Folding Wood Replacement Arm For Barrier Parking Gate Operators	628.33	22.38
11 12 33 13-0020	EA	Folding Plastic Replacement Arm For Barrier Parking Gate Operators	628.33	22.38
11 12 33 13-0021	EA	Folding Aluminum Replacement Arm For Barrier Parking Gate Operators	765.64	22.38
11 12 33 13-0022	EA	Heater Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-092)	654.71	134.26
11 12 33 13-0023	EA	Fan Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-093)	654.71	134.26
11 12 33 13-0024	EA	Single Channel Detector Loop For Barrier Parking Gate Operators (DKS™ DoorKing® 9410-010)	655.70	
11 12 33 13-0025	EA	Two Channel Detector Loop For Barrier Parking Gate Operators (Federal APD DLD-10B)	1,648.58	
11 12 33 13-0026	EA	36" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls (Federal APD) Note: Includes mounting plate and hardware. Excludes concrete foundation.	1,058.60	22.38
11 12 36		**Tire Shredders** *(11 12)*		
11 12 36 00-0001		Tire Shredding Traffic Control Spikes *(11 12 36)*		
11 12 36 00-0002		Flush Mount, Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*		
11 12 36 00-0003	EA	6' Section, Flush Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-081)	2,675.15	358.04
11 12 36 00-0004		Surface Mount, Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*		
11 12 36 00-0005	EA	3' Section With End Caps, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-088)	4,813.23	179.02
11 12 36 00-0006	EA	3' Add-On Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-087)	3,440.13	179.02
11 12 36 00-0007		Warning Signs And Signals For Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*		
11 12 36 00-0008	EA	Warning Sign For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1615) Note: Includes light and mounting post.	2,142.42	67.14
11 12 36 00-0009	EA	Traffic Light Assembly For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603) Note: Includes mounting post and hardware.	1,740.92	89.51
11 13		**Loading Dock Equipment** *(11 10)*		
11 13 13		**Loading Dock Bumpers** *(11 13)*		
11 13 13 00-0001		Laminated Rubber Dock Bumpers *(11 13 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 13 00-0002		**4-1/2" Projection, Laminated Rubber Dock Bumpers** *(11 13 13 00-0001)*		
11 13 13 00-0003	EA	14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	138.06	20.09
11 13 13 00-0004	EA	24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	177.24	20.09
11 13 13 00-0005	EA	36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	232.51	20.09
11 13 13 00-0006	EA	12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	154.76	20.09
11 13 13 00-0007	EA	14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	168.60	20.09
11 13 13 00-0008	EA	18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	193.35	20.09
11 13 13 00-0009	EA	24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	232.51	20.09
11 13 13 00-0010	EA	36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	320.94	20.09
11 13 13 00-0011	EA	12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper	176.87	20.09
11 13 13 00-0012	EA	12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper	193.35	20.09
11 13 13 00-0013	EA	12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper	240.38	20.09
11 13 13 00-0014	EA	12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	273.73	20.09
11 13 13 00-0015	EA	12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	382.02	20.09
11 13 13 00-0016	EA	11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper	220.89	20.09
11 13 13 00-0017	EA	11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	259.67	20.09
11 13 13 00-0018	EA	11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	342.30	20.09
11 13 13 00-0019		**6" Projection, Laminated Rubber Dock Bumpers** *(11 13 13 00-0001)*		
11 13 13 00-0020	EA	12" x 10", 6" Projection, Laminated Rubber Dock Bumper	198.09	20.09
11 13 13 00-0021	EA	14" x 10", 6" Projection, Laminated Rubber Dock Bumper	211.77	20.09
11 13 13 00-0022	EA	18" x 10", 6" Projection, Laminated Rubber Dock Bumper	244.74	20.09
11 13 13 00-0023	EA	24" x 10", 6" Projection, Laminated Rubber Dock Bumper	294.95	20.09
11 13 13 00-0024	EA	36" x 10", 6" Projection, Laminated Rubber Dock Bumper	406.05	20.09
11 13 13 00-0025	EA	12" x 12", 6" Projection, Laminated Rubber Dock Bumper	228.44	20.09
11 13 13 00-0026	EA	14" x 12", 6" Projection, Laminated Rubber Dock Bumper	239.69	20.09
11 13 13 00-0027	EA	18" x 12", 6" Projection, Laminated Rubber Dock Bumper	284.28	20.09
11 13 13 00-0028	EA	24" x 12", 6" Projection, Laminated Rubber Dock Bumper	350.79	20.09
11 13 13 00-0029	EA	36" x 12", 6" Projection, Laminated Rubber Dock Bumper	537.01	20.09
11 13 13 00-0030	EA	11" x 20", 6" Projection, Laminated Rubber Dock Bumper	295.14	20.09
11 13 13 00-0031	EA	11" x 24", 6" Projection, Laminated Rubber Dock Bumper	339.73	20.09
11 13 13 00-0032	EA	11" x 36", 6" Projection, Laminated Rubber Dock Bumper	345.67	20.09
11 13 13 00-0033		**Extruded Rubber Dock Bumpers** *(11 13 13)*		
11 13 13 00-0034		**1-3/4" Projection, Extruded Rubber Dock Bumpers** *(11 13 13 00-0033)*		
11 13 13 00-0035	EA	12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	69.30	20.09
11 13 13 00-0036	EA	18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	74.80	20.09
11 13 13 00-0037	EA	24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	82.15	20.09
11 13 13 00-0038	EA	36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	89.49	20.09
11 13 13 00-0039		**4" Projection, Extruded Rubber Dock Bumpers** *(11 13 13 00-0033)*		
11 13 13 00-0040	EA	12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	98.09	20.09
11 13 13 00-0041	EA	18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	121.25	20.09
11 13 13 00-0042	EA	24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	127.92	20.09
11 13 13 00-0043	EA	36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	143.11	20.09
11 13 13 00-0044		**6" Projection, Extruded Rubber Dock Bumpers** *(11 13 13 00-0033)*		
11 13 13 00-0045	EA	12" x 6", 6" Projection, Extruded Rubber Dock Bumper	120.81	20.09
11 13 13 00-0046	EA	18" x 6", 6" Projection, Extruded Rubber Dock Bumper	152.02	20.09
11 13 13 00-0047	EA	24" x 6", 6" Projection, Extruded Rubber Dock Bumper	177.73	20.09
11 13 13 00-0048	EA	36" x 6", 6" Projection, Extruded Rubber Dock Bumper	226.78	20.09
11 13 13 00-0049		**Molded Rubber Dock Bumpers** *(11 13 13)*		
11 13 13 00-0050		**Rectangular Molded Rubber Dock Bumpers** *(11 13 13 00-0049)*		
11 13 13 00-0051	EA	18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper	100.99	20.09
11 13 13 00-0052	EA	10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	86.81	20.09
11 13 13 00-0053	EA	20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	119.16	20.09
11 13 13 00-0054	EA	30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	151.80	20.09
11 13 13 00-0055	EA	24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper	159.50	20.09
11 13 13 00-0056	EA	13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	115.45	20.09
11 13 13 00-0057	EA	18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	153.09	20.09
11 13 13 00-0058	EA	30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	230.58	20.09
11 13 13 00-0059	EA	13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	126.71	20.09
11 13 13 00-0060	EA	24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	195.54	20.09
11 13 13 00-0061	EA	18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper	194.87	20.09
11 13 13 00-0062	EA	24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper	299.88	20.09
11 13 13 00-0063		**T And L Shaped Rubber Dock Bumpers** *(11 13 13 00-0049)*		
11 13 13 00-0064	EA	22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper	184.27	20.09
11 13 13 00-0065	EA	18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper	171.42	20.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 13 00-0066		Vertical Dock Bumpers *(11 13 13)*		
		Note: Made with truck tire material.		
11 13 13 00-0067	EA	11" x 4" x 20", Vertical, Truck Docking Bumpers (U-Line H-2054)	178.10	18.29
		Note: Drilling for fasteners is not included due to differing conditions.		
		For Concrete Installation Kit (4 Bolts), Add	*79.00*	
11 13 13 00-0068	EA	11" x 6" x 20", Vertical, Truck Docking Bumpers (U-Line H-6629)	229.72	18.29
		Note: Drilling for fasteners is not included due to differing conditions.		
		For Concrete Installation Kit (4 Bolts), Add	*79.00*	
11 13 13 00-0069		Horizontal Dock Bumpers *(11 13 13)*		
		Note: Made with truck tire material.		
11 13 13 00-0070	EA	12" x 4" x 10", Horizontal, Truck Docking Bumpers (U-Line H-1504)	112.54	15.47
		Note: Drilling for fasteners is not included due to differing conditions.		
		For Concrete Installation Kit (4 Bolts), Add	*79.00*	
11 13 13 00-0071	EA	12" x 6" x 10", Horizontal, Truck Docking Bumpers (U-Line H-5502)	147.50	15.47
		Note: Drilling for fasteners is not included due to differing conditions.		
		For Concrete Installation Kit (4 Bolts), Add	*79.00*	
11 13 13 00-0072	EA	24" x 4" x 10", Horizontal, Truck Docking Bumpers (U-Line H-1505)	168.11	18.29
		Note: Drilling for fasteners is not included due to differing conditions.		
		For Concrete Installation Kit (4 Bolts), Add	*79.00*	
11 13 16		**Loading Dock Seals and Shelters** *(11 13)*		
11 13 16 13		**Loading Dock Seals** *(11 13 16)*		
11 13 16 13-0001		Vinyl Loading Dock Seals *(11 13 16 13)*		
11 13 16 13-0002		Standard Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0003	LF	10" Projection, Standard, Vinyl Loading Dock Seal	97.74	20.09
11 13 16 13-0004	LF	11" Projection, Standard, Vinyl Loading Dock Seal	99.15	20.09
11 13 16 13-0005	LF	12" Projection, Standard, Vinyl Loading Dock Seal	100.55	20.09
11 13 16 13-0006	LF	13" Projection, Standard, Vinyl Loading Dock Seal	103.37	20.09
11 13 16 13-0007	LF	14" Projection, Standard, Vinyl Loading Dock Seal	106.18	20.09
11 13 16 13-0008	LF	15" Projection, Standard, Vinyl Loading Dock Seal	109.02	20.09
11 13 16 13-0009	LF	16" Projection, Standard, Vinyl Loading Dock Seal	111.87	20.09
11 13 16 13-0010	LF	17" Projection, Standard, Vinyl Loading Dock Seal	114.80	20.09
11 13 16 13-0011	LF	18" Projection, Standard, Vinyl Loading Dock Seal	117.73	20.09
11 13 16 13-0012	LF	19" Projection, Standard, Vinyl Loading Dock Seal	120.54	20.09
11 13 16 13-0013	LF	20" Projection, Standard, Vinyl Loading Dock Seal	123.35	20.09
11 13 16 13-0014	LF	22" Projection, Standard, Vinyl Loading Dock Seal	129.05	20.09
11 13 16 13-0015		8" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0016	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	114.45	20.09
11 13 16 13-0017	LF	11" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	115.85	20.09
11 13 16 13-0018	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	117.26	20.09
11 13 16 13-0019	LF	13" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	120.11	20.09
11 13 16 13-0020	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	122.96	20.09
11 13 16 13-0021	LF	15" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	125.77	20.09
11 13 16 13-0022	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	128.58	20.09
11 13 16 13-0023	LF	17" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	131.43	20.09
11 13 16 13-0024	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	134.28	20.09
11 13 16 13-0025	LF	19" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	137.09	20.09
11 13 16 13-0026	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	139.98	20.09
11 13 16 13-0027	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	145.60	20.09
11 13 16 13-0028		4" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0029	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	123.35	20.09
11 13 16 13-0030	LF	11" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	124.79	20.09
11 13 16 13-0031	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	126.24	20.09
11 13 16 13-0032	LF	13" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	129.05	20.09
11 13 16 13-0033	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	131.86	20.09
11 13 16 13-0034	LF	15" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	134.71	20.09
11 13 16 13-0035	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	137.56	20.09
11 13 16 13-0036	LF	17" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	140.37	20.09
11 13 16 13-0037	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	143.18	20.09
11 13 16 13-0038	LF	19" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	146.03	20.09
11 13 16 13-0039	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	148.88	20.09
11 13 16 13-0040	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	154.65	20.09
11 13 16 13-0041		Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13)*		
11 13 16 13-0042		Standard, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0043	LF	10" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	90.31	20.09
11 13 16 13-0044	LF	12" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	92.51	20.09
11 13 16 13-0045	LF	14" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	97.40	20.09
11 13 16 13-0046	LF	16" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	102.22	20.09
11 13 16 13-0047	LF	18" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	107.17	20.09

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 16 13-0048	LF	20" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	111.98	20.09
11 13 16 13-0049	LF	22" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	116.87	20.09
11 13 16 13-0050		8" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0051	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	106.10	20.09
11 13 16 13-0052	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	108.37	20.09
11 13 16 13-0053	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	113.26	20.09
11 13 16 13-0054	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	118.14	20.09
11 13 16 13-0055	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	122.96	20.09
11 13 16 13-0056	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	127.84	20.09
11 13 16 13-0057	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	132.66	20.09
11 13 16 13-0058		4" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0059	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	114.66	20.09
11 13 16 13-0060	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	116.87	20.09
11 13 16 13-0061	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	121.82	20.09
11 13 16 13-0062	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	126.64	20.09
11 13 16 13-0063	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	131.52	20.09
11 13 16 13-0064	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	136.34	20.09
11 13 16 13-0065	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	141.29	20.09
11 13 16 13-0066		Nylon Reinforced Vinyl Dock Air Sealing Systems *(11 13 16 13)*		
11 13 16 13-0067	EA	8' Height x 8' Width x 10" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-150-10) Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.	2,037.75	301.60
11 13 16 13-0068	EA	8' Height x 8' Width x 12" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-150-12) Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.	2,033.00	301.60
11 13 16 13-0069	EA	8' Height x 8' Width x 20" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-150-20) Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.	2,610.16	301.60
11 13 16 13-0070	EA	9' Height x 8' Width x 10" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-350-10) Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.	2,289.52	301.60
11 13 16 13-0071	EA	9' Height x 8' Width x 12" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-350-12) Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.	2,365.52	301.60
11 13 16 13-0072	EA	9' Height x 8' Width x 20" Projection, Dock Air Sealing Systems Nylon Reinforced Vinyl Dock Seal (Grainger D-350-20) Note: Drilling for fasteners is not included due to differing conditions. Caulking is not included.	2,671.91	301.60
11 13 16 23		**Loading Dock Shelters** *(11 13 16)*		
11 13 16 23-0001		Retractable Vinyl Loading Dock Shelter *(11 13 16 23)*		
11 13 16 23-0002	LF	Retractable Vinyl Dock Shelters, Scissor Arms	155.34	25.12
11 13 16 23-0003		Rigid Loading Dock Shelters *(11 13 16 23)*		
11 13 16 23-0004	LF	18" Projection, Rigid Loading Dock Shelter	113.94	24.11
11 13 16 23-0005	LF	24" Projection, Rigid Loading Dock Shelter	119.12	24.11
11 13 16 23-0006	LF	30" Projection, Rigid Loading Dock Shelter	123.68	25.12
11 13 16 23-0007	LF	36" Projection, Rigid Loading Dock Shelter	127.26	25.12
11 13 19		**Stationary Loading Dock Equipment** *(11 13)* Note: Includes all anchor bolts and fasteners.		
11 13 19 13		**Loading Dock Levelers** *(11 13 19)*		
11 13 19 13-0001		Hydraulic Dock Levelers *(11 13 19 13)* Note: Excludes control panel, remote operator, and electrical wiring.		
11 13 19 13-0002		20,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0003	EA	6' x 6', 20,000 LB Hydraulic Dock Leveler	7,993.56	869.85
11 13 19 13-0004	EA	6' x 8', 20,000 LB Hydraulic Dock Leveler	8,548.53	966.50
11 13 19 13-0005	EA	6' x 10', 20,000 LB Hydraulic Dock Leveler	10,467.83	1,159.80
11 13 19 13-0006	EA	7' x 6', 20,000 LB Hydraulic Dock Leveler	8,505.62	966.50
11 13 19 13-0007	EA	7' x 8', 20,000 LB Hydraulic Dock Leveler	9,241.12	1,063.15
11 13 19 13-0008	EA	7' x 10', 20,000 LB Hydraulic Dock Leveler	11,080.71	1,256.45
11 13 19 13-0009		25,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0010	EA	6' x 6', 25,000 LB Hydraulic Dock Leveler	8,157.96	869.85
11 13 19 13-0011	EA	6' x 8', 25,000 LB Hydraulic Dock Leveler	8,718.46	966.50
11 13 19 13-0012	EA	6' x 10', 25,000 LB Hydraulic Dock Leveler	10,627.06	1,159.80
11 13 19 13-0013	EA	7' x 6', 25,000 LB Hydraulic Dock Leveler	8,666.28	966.50
11 13 19 13-0014	EA	7' x 8', 25,000 LB Hydraulic Dock Leveler	9,389.71	1,063.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 13-0015	EA	7' x 10', 25,000 LB Hydraulic Dock Leveler	11,392.90	1,256.45
11 13 19 13-0016		**30,000 LB Hydraulic Dock Levelers** *(11 13 19 13-0001)*		
11 13 19 13-0017	EA	6' x 6', 30,000 LB Hydraulic Dock Leveler	8,542.10	1,014.83
11 13 19 13-0018	EA	6' x 8', 30,000 LB Hydraulic Dock Leveler	9,086.18	1,159.80
11 13 19 13-0019	EA	6' x 10', 30,000 LB Hydraulic Dock Leveler	11,069.17	1,353.10
11 13 19 13-0020	EA	7' x 6', 30,000 LB Hydraulic Dock Leveler	9,086.18	1,159.80
11 13 19 13-0021	EA	7' x 8', 30,000 LB Hydraulic Dock Leveler	9,781.48	1,304.78
11 13 19 13-0022	EA	7' x 10', 30,000 LB Hydraulic Dock Leveler	11,764.47	1,401.43
11 13 19 13-0023		**35,000 LB Hydraulic Dock Levelers** *(11 13 19 13-0001)*		
11 13 19 13-0024	EA	6' x 6', 35,000 LB Hydraulic Dock Leveler	8,840.78	1,063.15
11 13 19 13-0025	EA	6' x 8', 35,000 LB Hydraulic Dock Leveler	9,386.28	1,208.13
11 13 19 13-0026	EA	6' x 10', 35,000 LB Hydraulic Dock Leveler	10,563.11	1,401.43
11 13 19 13-0027	EA	7' x 6', 35,000 LB Hydraulic Dock Leveler	9,386.28	1,208.13
11 13 19 13-0028	EA	7' x 8', 35,000 LB Hydraulic Dock Leveler	10,192.25	1,353.10
11 13 19 13-0029	EA	7' x 10', 35,000 LB Hydraulic Dock Leveler	12,217.78	1,449.75
11 13 19 13-0030		**40,000 LB Hydraulic Dock Levelers** *(11 13 19 13-0001)*		
11 13 19 13-0031	EA	6' x 6', 40,000 LB Hydraulic Dock Leveler	9,359.41	1,063.15
11 13 19 13-0032	EA	6' x 8', 40,000 LB Hydraulic Dock Leveler	9,904.23	1,208.13
11 13 19 13-0033	EA	6' x 10', 40,000 LB Hydraulic Dock Leveler	11,916.98	1,401.43
11 13 19 13-0034	EA	7' x 6', 40,000 LB Hydraulic Dock Leveler	9,904.23	1,208.13
11 13 19 13-0035	EA	7' x 8', 40,000 LB Hydraulic Dock Leveler	10,711.06	1,353.10
11 13 19 13-0036	EA	7' x 10', 40,000 LB Hydraulic Dock Leveler	12,736.29	1,449.75
11 13 19 13-0037		**45,000 LB Hydraulic Dock Levelers** *(11 13 19 13-0001)*		
11 13 19 13-0038	EA	6' x 6', 45,000 LB Hydraulic Dock Leveler	9,794.50	1,111.48
11 13 19 13-0039	EA	6' x 8', 45,000 LB Hydraulic Dock Leveler	10,348.23	1,256.45
11 13 19 13-0040	EA	6' x 10', 45,000 LB Hydraulic Dock Leveler	12,350.57	1,449.75
11 13 19 13-0041	EA	7' x 6', 45,000 LB Hydraulic Dock Leveler	10,349.69	1,256.45
11 13 19 13-0042	EA	7' x 8', 45,000 LB Hydraulic Dock Leveler	11,149.85	1,401.43
11 13 19 13-0043	EA	7' x 10', 45,000 LB Hydraulic Dock Leveler	13,161.86	1,498.08
11 13 19 13-0044		**Manual Dock Levelers** *(11 13 19 13)*		
11 13 19 13-0045		**20,000 LB Manual Dock Levelers** *(11 13 19 13-0044)*		
11 13 19 13-0046	EA	6' x 6', 20,000 LB Manual Dock Leveler	6,305.76	869.85
11 13 19 13-0047	EA	6' x 8', 20,000 LB Manual Dock Leveler	6,871.40	966.50
11 13 19 13-0048	EA	6' x 10', 20,000 LB Manual Dock Leveler	8,780.04	1,159.80
11 13 19 13-0049	EA	7' x 6', 20,000 LB Manual Dock Leveler	6,819.35	966.50
11 13 19 13-0050	EA	7' x 8', 20,000 LB Manual Dock Leveler	7,553.32	1,063.15
11 13 19 13-0051	EA	7' x 10', 20,000 LB Manual Dock Leveler	9,565.04	1,159.80
11 13 19 13-0052		**40,000 LB Manual Dock Levelers** *(11 13 19 13-0044)*		
11 13 19 13-0053	EA	6' x 6', 40,000 LB Manual Dock Leveler	7,820.90	966.50
11 13 19 13-0054	EA	6' x 8', 40,000 LB Manual Dock Leveler	8,365.72	1,063.15
11 13 19 13-0055	EA	6' x 10', 40,000 LB Manual Dock Leveler	9,071.49	1,256.45
11 13 19 13-0056	EA	7' x 6', 40,000 LB Manual Dock Leveler	8,365.72	1,063.15
11 13 19 13-0057	EA	7' x 8', 40,000 LB Manual Dock Leveler	9,521.38	1,159.80
11 13 19 13-0058	EA	7' x 10', 40,000 LB Manual Dock Leveler	11,197.77	1,353.10
11 13 19 13-0059		**Edge Of Dock Levelers** *(11 13 19 13)* Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers.		
11 13 19 13-0060		**Hydraulic Edge Of Dock Levelers** *(11 13 19 13-0059)* Note: Excludes control panel, remote operator, and electrical wiring.		
11 13 19 13-0061	EA	66" Usable Width, 20,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2066)	4,813.30	289.95
11 13 19 13-0062	EA	72" Usable Width, 20,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2072)	5,186.52	289.95
11 13 19 13-0063	EA	66" Usable Width, 25,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2566)	5,132.51	289.95
11 13 19 13-0064	EA	72" Usable Width, 25,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2572)	5,644.88	289.95
11 13 19 13-0065	EA	66" Usable Width, 20,000 LB Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED6620)	4,997.48	289.95
11 13 19 13-0066	EA	72" Usable Width, 20,000 LB Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED7220)	5,283.87	289.95
11 13 19 13-0067		**Manual Edge Of Dock Levelers** *(11 13 19 13-0059)*		
11 13 19 13-0068	EA	66" Usable Width, 20,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2066)	2,435.80	289.95
11 13 19 13-0069	EA	72" Usable Width, 20,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2072)	2,660.64	289.95
11 13 19 13-0070	EA	66" Usable Width, 25,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2566)	2,729.40	289.95
11 13 19 13-0071	EA	72" Usable Width, 25,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2572)	2,898.02	289.95
11 13 19 13-0072	EA	66" Usable Width, 25,000 LB Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 25EP66)	2,706.35	289.95
11 13 19 13-0073	EA	72" Usable Width, 25,000 LB Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 25EP72)	3,084.32	289.95
11 13 19 13-0074	EA	78" Usable Width, 25,000 LB Conventional Trailer, Edge Of Dock Leveler, Manual (Bluff Manufacturing 25EP78)	3,362.38	289.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 13-0075	EA	72" Usable Width, 30,000 LB Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 30EP72)	3,402.35	289.95
11 13 19 13-0076	EA	66" Usable Width, 20,000 LB Refrigerated Truck, Edge of Dock Leveler, Manual (Bluff Manufacturing 20EP66-R)	3,022.71	289.95
11 13 19 13-0077	EA	78" Usable Width, 30,000 LB Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP78-R)	4,176.60	289.95
11 13 19 13-0078	EA	72" Usable Width, 30,000 LB Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP72-R)	3,928.51	289.95
11 13 19 23		**Stationary Loading Dock Lifts** *(11 13 19)*		
11 13 19 23-0001		Top Of Ground, Fixed Platform Lifts *(11 13 19 23)*		
11 13 19 23-0002	EA	6' x 8', 5,500 LB Top Of Ground, Fixed Platform Lift	16,658.49	202.67
11 13 19 23-0003		Pit Mounted, Fixed Platform Lifts *(11 13 19 23)*		
11 13 19 23-0004	EA	6' x 8', 5,000 LB Fixed Platform Lift, Pit Mounted	13,386.87	202.67
11 13 19 23-0005	EA	6' x 8', 8,000 LB Fixed Platform Lift, Pit Mounted	24,199.76	304.00
11 13 19 23-0006	EA	7' x 12', 15,000 LB Fixed Platform Lift, Pit Mounted	42,440.89	608.00
11 13 19 23-0007	EA	8' x 20', 15,000 LB Fixed Platform Lift, Pit Mounted	44,417.68	810.67
11 13 19 23-0008		Electric Powered Truck Scissor Dock Lift *(11 13 19 23)*		
11 13 19 23-0009	EA	5,000 lbs., 96" Length x 72" Width, Hydraulic, Truck Scissor Dock Lift (Global Industrial WL-100-5-68)	13,735.36	716.08
11 13 19 23-0010	EA	6,000 lbs., 96" Length x 96" Width, Hydraulic, Truck Scissor Dock Lift (Global Industrial WL-100-6-88)	16,699.19	716.08
11 13 19 26		**Loading Dock Truck Lifts** *(11 13 19)*		
11 13 19 26-0001		Hydraulic Truck Lifts *(11 13 19 26)*		
11 13 19 26-0002	EA	10' x 15', 60,000 LB Platform Truck Lift	39,043.02	1,782.67
11 13 19 26-0003	EA	10' x 20', 60,000 LB Platform Truck Lift	44,627.24	2,139.21
11 13 19 33		**Loading Dock Truck Restraints** *(11 13 19)*		
11 13 19 33-0001		Truck Restraint System *(11 13 19 33)*		
11 13 19 33-0002	EA	Truck Restraint System (Poweramp Powerstop AAL) Note: Includes push button controls, warning lights, alarms, 30,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	9,073.29	362.43
11 13 19 33-0003	EA	Push Button Rotating Hook Trailer Restraint With Automatic Lights (Kelley Star 4) Note: Includes push button controls, warning lights, alarms, 32,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	10,051.37	362.43
11 13 23		**Portable Dock Equipment** *(11 13)*		
11 13 23 23		**Portable Dock Platforms** *(11 13 23)*		
11 13 23 23-0001	EA	6' x 6', 5,000 LB Capacity Portable Platform Lift	14,667.24	111.88
11 13 26		**Loading Dock Lights** *(11 13)*		
11 13 26 00-0001		Communication Lights *(11 13 26)*		
11 13 26 00-0002	EA	Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC Note: Excludes control console.	380.83	90.86
11 13 26 00-0003	EA	Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC	475.28	90.86
11 13 26 00-0004	EA	Dock Guide Light For Truck Backing	207.52	72.69
11 13 26 00-0005		Communication Lights Controls *(11 13 26)*		
11 13 26 00-0006	EA	Dock Communication Lights Control Console For Up To Two Docks	404.22	121.16
11 13 26 00-0007		Loading Dock Lights *(11 13 26)*		
11 13 26 00-0008		Incandescent Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0009	EA	24" Long, Single Arm Loading Dock Light, 300W Incandescent	497.62	121.16
11 13 26 00-0010	EA	40" Long, Dual Arm Loading Dock Light, 300W Incandescent	439.13	121.16
11 13 26 00-0011	EA	60" Long, Dual Arm Loading Dock Light, 300W Incandescent	586.69	121.16
11 13 26 00-0012		Metal Halide Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0013	EA	24" Long, Single Arm Loading Dock Light, 100W Metal Halide	699.79	121.16
11 13 26 00-0014	EA	40" Long, Dual Arm Loading Dock Light, 100W Metal Halide	769.12	121.16
11 13 26 00-0015	EA	60" Long, Dual Arm Loading Dock Light, 100W Metal Halide	824.55	121.16
11 13 26 00-0016		Quartz Halogen Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0017	EA	24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen	431.34	121.16
11 13 26 00-0018	EA	40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	475.20	121.16
11 13 26 00-0019	EA	60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	512.63	121.16

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 14 Pedestrian Control Equipment *(11 10)*

11 14 13 Pedestrian Gates *(11 14)*

11 14 13 16 Rotary Gates *(11 14 13)*

11 14 13 16-0001 Access Control Indoor Or Outdoor Impenetrability *(11 14 13 16)*

11 14 13 16-0002 Mechanical *(11 14 13 16-0001)*

11 14 13 16-0003 Galvanized Steel *(11 14 13 16-0002)*

11 14 13 16-0004	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Galvanized Steel		11,755.63	1,347.54
11 14 13 16-0005	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel		13,321.37	1,347.54
11 14 13 16-0006	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel		26,724.43	2,010.47
11 14 13 16-0007	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Or 4 Rotor Sections, Galvanized Steel		25,860.97	2,010.47

11 14 13 16-0008 Powder Coated Steel *(11 14 13 16-0002)*

11 14 13 16-0009	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel		13,341.52	1,347.54
11 14 13 16-0010	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Powder Coated Steel		14,846.82	1,347.54
11 14 13 16-0011	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel		31,649.03	2,010.47
11 14 13 16-0012	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel		28,462.86	2,010.47

11 14 13 16-0013 Anodized Aluminum *(11 14 13 16-0002)*

11 14 13 16-0014	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms		14,029.41	1,347.54
11 14 13 16-0015	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum		24,566.50	1,347.54
11 14 13 16-0016	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms		28,336.22	2,010.47
11 14 13 16-0017	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum		48,184.29	2,010.47

11 14 13 16-0018 Stainless Steel *(11 14 13 16-0002)*

11 14 13 16-0019	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel		22,361.80	1,347.54
11 14 13 16-0020	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Stainless Steel		25,142.14	1,347.54
11 14 13 16-0021	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel		35,934.67	2,010.47
11 14 13 16-0022	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel		44,972.22	2,010.47

11 14 13 16-0023 Transparent *(11 14 13 16-0002)*

11 14 13 16-0024	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Transparent		44,713.90	1,347.74

11 14 13 16-0025 Mechanical Options *(11 14 13 16-0001)*

11 14 13 16-0026	EA	Out-of-Use Lock Option, Add		244.65	
11 14 13 16-0027	EA	Heel Protector (Each Heel Protector), Add		172.69	

11 14 13 16-0028 Electrical, One-Way *(11 14 13 16-0001)*

11 14 13 16-0029 Galvanized Steel *(11 14 13 16-0028)*

11 14 13 16-0030	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel		12,449.28	1,347.54
11 14 13 16-0031	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel		14,017.90	1,347.54
11 14 13 16-0032	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel		29,314.81	2,010.47
11 14 13 16-0033	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel		26,980.59	2,010.47
11 14 13 16-0034	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel		29,314.81	2,010.47

11 14 13 16-0035 Powder Coated Steel *(11 14 13 16-0028)*

11 14 13 16-0036	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel		14,032.29	1,347.54
11 14 13 16-0037	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel		15,785.11	1,347.54
11 14 13 16-0038	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel		39,414.42	2,010.47
11 14 13 16-0039	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel		29,596.88	2,010.47
11 14 13 16-0040	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel		31,936.85	2,010.47

11 14 13 16-0041 Anodized Aluminum *(11 14 13 16-0028)*

11 14 13 16-0042	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms		14,320.11	1,347.54
11 14 13 16-0043	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms		15,212.35	1,347.54
11 14 13 16-0044	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum		25,429.96	1,347.54
11 14 13 16-0045	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms		29,922.11	2,010.47
11 14 13 16-0046	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms		33,344.29	2,010.47
11 14 13 16-0047	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum		49,678.08	2,010.47

11 14 13 16-0048 Stainless Steel *(11 14 13 16-0028)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0049	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	23,815.29	1,347.54
11 14 13 16-0050	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	25,513.43	1,347.54
11 14 13 16-0051	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	41,334.17	2,010.47
11 14 13 16-0052	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	47,191.31	2,010.47
11 14 13 16-0053	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	52,081.37	2,010.47
11 14 13 16-0054		**Transparent** *(11 14 13 16-0028)*		
11 14 13 16-0055	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	40,750.62	1,347.74
11 14 13 16-0056	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	43,156.80	1,347.74
11 14 13 16-0057	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	44,207.34	1,347.74
11 14 13 16-0058	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	72,775.63	2,010.47
11 14 13 16-0059	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	77,409.53	2,010.47
11 14 13 16-0060		**Electrical, Two-Way** *(11 14 13 16-0001)*		
11 14 13 16-0061		**Galvanized Steel** *(11 14 13 16-0060)*		
11 14 13 16-0062	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	13,450.89	1,347.54
11 14 13 16-0063	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	15,065.56	1,347.54
11 14 13 16-0064	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	34,817.93	2,010.47
11 14 13 16-0065	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	28,767.95	2,010.47
11 14 13 16-0066		**Powder Coated Steel** *(11 14 13 16-0060)*		
11 14 13 16-0067	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	14,910.14	1,347.54
11 14 13 16-0068	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	16,763.70	1,347.54
11 14 13 16-0069	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	40,283.63	2,010.47
11 14 13 16-0070	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	31,398.63	2,010.47
11 14 13 16-0071		**Anodized Aluminum** *(11 14 13 16-0060)*		
11 14 13 16-0072	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	15,307.33	1,347.54
11 14 13 16-0073	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	16,159.28	1,347.54
11 14 13 16-0074	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	26,578.36	1,347.54
11 14 13 16-0075	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	31,933.97	2,010.47
11 14 13 16-0076	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	51,546.03	2,010.47
11 14 13 16-0077		**Stainless Steel** *(11 14 13 16-0060)*		
11 14 13 16-0078	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	24,788.12	1,347.54
11 14 13 16-0079	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	26,515.04	1,347.54
11 14 13 16-0080	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	42,047.97	2,010.47
11 14 13 16-0081	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	48,630.41	2,010.47
11 14 13 16-0082	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	54,067.33	2,010.47
11 14 13 16-0083		**Transparent** *(11 14 13 16-0060)*		
11 14 13 16-0084	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	41,585.30	1,347.74
11 14 13 16-0085	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	43,847.56	1,347.74
11 14 13 16-0086	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	45,145.63	1,347.74
11 14 13 16-0087	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	74,531.33	2,010.47
11 14 13 16-0088	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	78,848.63	2,010.47
11 14 13 16-0089		**Electrical Options** *(11 14 13 16-0001)*		
11 14 13 16-0090	EA	Additional Set Of Electric Controls, Per Rotor, Add	958.44	
11 14 13 16-0091	EA	Indicator Lights, Set, Red/Green, Per Controlled Direction, Add	673.50	
11 14 13 16-0092	EA	Time-Out-Relay, Per Controlled Direction	221.62	
11 14 13 16-0093	EA	Pulse-Relay, Per Controlled Direction	221.62	
11 14 13 16-0094	EA	Pushbutton, Per Controlled Direction	175.57	
11 14 13 16-0095	EA	Heel Protectors, (Per Heel Protector), Add	172.69	
11 14 13 16-0096	EA	Card Reader Mounting Pad, Per Reader	158.30	
11 14 13 16-0097	EA	Hydraulic Speed Control (Per Rotor), Add	4,020.85	
11 14 13 16-0098		**Relocate Rotary Gate** *(11 14 13 16-0001)*		
11 14 13 16-0099	EA	Relocate Rotary Gate	3,958.36	
11 14 13 19		**Turnstiles** *(11 14 13)*		
11 14 13 19-0001		**Turnstiles** *(11 14 13 19)*		
11 14 13 19-0002	EA	24" Diameter Manual Turnstile, Three Arm, Two Way	2,526.73	380.01
11 14 13 19-0003	EA	24" Diameter Manual Turnstile, Three Arm, Two Way With Counter	3,337.16	380.01

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 16		**Pedestrian Control Devices** *(11 14)*		
11 14 16 00-0001		Retractable Barrier *(11 14 16)*		
11 14 16 00-0002	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 6-1/2' (WG269387BK)	94.01	20.14
11 14 16 00-0003	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 10' (WGB2093791)	170.39	20.14
11 14 16 00-0004	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 15' (WGB2093770)	208.58	20.14
11 14 16 00-0005	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 30' (WGB2093771)	342.24	20.14
11 20		**Commercial Equipment** *(11)*		
11 21		**Retail and Service Equipment** *(11 20)*		
11 21 63		**Refrigerated Display Equipment** *(11 21)*		
11 21 63 00-0001		Dairy Products *(11 21 63)*		
11 21 63 00-0002		Refrigerated Dairy Case *(11 21 63 00-0001)*		
11 21 63 00-0003	LF	Refrigerated Case, Dairy, Multi-Deck	2,362.86	325.51
		For Rear Sliding Doors, Add	*19.95*	
11 21 63 00-0004		Refrigerated Milk Unit *(11 21 63 00-0001)*		
11 21 63 00-0005	EA	46" x 32" x 49-1/2" Capacity: 12, 13" x 13" x 11" Refrigerated Milk Unit	13,308.68	236.17
11 21 63 00-0006		Refrigerated Ice Cream And Milk Dispenser *(11 21 63 00-0001)*		
11 21 63 00-0007	EA	63-1/2" x 28-1/2" x 35-3/8" Refrigerated Ice Cream And Milk Dispenser	14,757.76	259.35
11 21 63 00-0008		Ice Cream Dispenser *(11 21 63 00-0001)*		
11 21 63 00-0009	EA	46" x 28-1/2" x 35-3/8" Refrigerated Ice Cream Dispenser	12,324.50	218.38
11 21 63 00-0010		Drop-In Ice Cream Freezer *(11 21 63 00-0001)*		
11 21 63 00-0011	EA	27-7/8" x 16-9/16" x 28-1/4" 6 Gallon Drop-In Ice Cream Freezer	3,073.48	54.35
11 21 63 00-0012	EA	30" x 27-7/8" x 28-1/4" 12 Gallon Drop-In Ice Cream Freezer	4,016.35	71.06
11 21 63 00-0013		Ice Cream Cabinets *(11 21 63 00-0001)*		
11 21 63 00-0014	EA	46" x 32" x 42", 24 Gallon Ice Cream Cabinet	9,626.99	169.84
11 21 63 00-0015	EA	68" x 32" x 42", 48 Gallon Ice Cream Cabinet	13,710.27	245.11
11 21 63 00-0016		Delicatessen Case, Service Deli *(11 21 63)*		
11 21 63 00-0017	LF	Delicatessen Case, Single-Deck	2,445.62	271.26
11 21 63 00-0018	LF	Delicatessen Case, Multi-Deck	2,673.54	325.51
11 21 63 00-0019	EA	Delicatessen Case, 3 Shelf, 32" x 23" x 23"	3,535.93	70.84
11 21 63 00-0020		Meat Case *(11 21 63)*		
11 21 63 00-0021	LF	Meat Case, Single - Deck	1,653.92	325.51
11 21 63 00-0022	LF	Meat Case, Multi - Deck	1,799.68	325.51
11 21 63 00-0023		Produce Case *(11 21 63)*		
11 21 63 00-0024	LF	Single Deck Produce Case	1,740.07	325.51
11 21 63 00-0025	LF	Multi-Deck Produce Case	1,937.13	325.51
11 21 63 00-0026		Bottle Coolers *(11 21 63)*		
11 21 63 00-0027	EA	Bottle Cooler, 6' Long	6,634.88	1,085.02
11 21 63 00-0028	EA	Bottle Cooler, 10' Long	9,801.36	1,627.53
11 21 63 00-0029		Cold Pan Units *(11 21 63)*		
11 21 63 00-0030	EA	5" x 48", Iced, Cold Pan Units	4,927.50	86.48
11 21 63 00-0031	EA	5" x 72", Iced, Cold Pan Units	6,845.02	120.99
11 21 63 00-0032	EA	8" x 72", Iced, Cold Pan Units	8,093.53	143.11
11 21 63 00-0033	EA	5" x 48", Mechanical, Cold Pan Units	8,319.44	147.85
11 21 63 00-0034	EA	8" x 48", Mechanical, Cold Pan Units	9,056.20	159.60
11 21 63 00-0035	EA	8" x 72", Mechanical, Cold Pan Units	10,761.71	188.61
11 21 63 00-0036		Cold Cabinets (Insulated) *(11 21 63)*		
11 21 63 00-0037	EA	69-3/4" x 32" x 24", Insulated Cold Cabinet	4,477.93	74.84

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 21 93		**Mobile Containment Equipment** *(11 21)*		
11 21 93 00-0001		Kontrol Kube Mobile Containment *(11 21 93)*		
11 21 93 00-0002	EA	10' High Uniframe (Kontrol Kube FLK6540)	3,131.53	
11 21 93 00-0003	EA	10' High Length Advanced Enclosure (Kontrol Kube FLK6547)	2,916.31	
11 21 93 00-0004	EA	Unit Wheelbase (Kontrol Kube FLK6543)	1,041.54	
11 21 93 00-0005	EA	Negative Air Machine, High Efficiency Particulate Air (HEPA) (Kontrol Kube 6560-U)	2,771.01	
11 22		**Banking Equipment** *(11 20)*		
11 22 13		**Vault Equipment** *(11 22)*		
11 22 13 16		**Safes** *(11 22 13)*		
11 22 13 16-0001		In Room Safes *(11 22 13 16)*		
11 22 13 16-0002	EA	8-1/8" x 7-3/16" x 10-3/16" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 25)	782.24	10.05
11 22 13 16-0003	EA	8-1/8" x 7-3/16" x 16-5/8" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 41)	731.77	10.05
11 22 13 16-0004	EA	8-1/8" x 7-3/16" x 19-13/16" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 49)	762.06	10.05
11 22 13 16-0005	EA	8-1/8" x 7-3/16" x 10-3/16" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 25) Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.	852.91	10.05
11 22 13 16-0006	EA	8-1/8" x 7-3/16" x 16-5/8" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 41) Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.	883.20	10.05
11 22 13 16-0007	EA	8-1/8" x 7-3/16" x 19-13/16" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 49) Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.	913.48	10.05
11 22 13 16-0008	EA	7-5/8" x 14" x 10-11/16" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 27) Note: Includes security wire.	578.29	12.56
11 22 13 16-0009	EA	7-5/8" x 14" x 17-1/2" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 43) Note: Includes security wire.	598.48	12.56
11 22 13 16-0010	EA	7-5/8" x 14" x 20-3/16" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 50) Note: Includes security wire.	618.67	12.56
11 28		**Office Equipment** *(11 20)*		
11 28 13		**Computers** *(11 28)*		
11 28 13 00-0001		Accessories *(11 28 13)*		
11 28 13 00-0002	EA	32" Wall Track, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-KN-020)	1,117.15	60.47
11 28 13 00-0003	EA	32" Wall Track, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-KU-020)	1,372.11	66.53
11 28 13 00-0004	EA	32" Wall Track, eDesk, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-EN-020)	1,788.33	72.57
11 28 13 00-0005	EA	32" Wall Track, eDesk, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-EU-020)	1,933.94	78.62
11 28 13 00-0006	EA	32" Wall Track, 18" Extension Arm, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-KN-020)	1,427.05	66.53
11 28 13 00-0007	EA	32" Wall Track, 18" Extension Arm, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-KU-020)	1,489.19	66.53
11 28 13 00-0008	EA	32" Wall Track, eDesk, 18" Extension Arm, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-EN-020)	2,110.35	84.67
11 28 13 00-0009	EA	32" Wall Track, eDesk, 18" Extension Arm, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-EU-020)	2,243.86	84.67
11 28 13 00-0010	EA	25" Wall Track, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (Ergotron 45-271-026)	1,186.01	66.53
11 28 13 00-0011	EA	37" To 61" Universal Tilt Flat Monitor Wall Mount (Premier Mounts CTM-MS2)	331.44	66.53
11 28 13 00-0012	EA	32" To 56" Universal Tilt Flat Monitor Wall Mount (Peerless ST650P)	238.60	66.53
11 30		**Residential Equipment** *(11)*		
11 30 13		**Residential Appliances** *(11 30)*		
11 30 13 13		**Residential Kitchen Appliances** *(11 30 13)* Note: Includes standard colors. Excludes stainless steel.		
11 30 13 13-0001		Ranges With Ovens *(11 30 13 13)* Note: Free standing or slide in.		
11 30 13 13-0002		Electric Ranges With Ovens *(11 30 13 13-0001)*		
11 30 13 13-0003	EA	20" Electric Range With Oven	883.97	89.51
		For Stainless Steel, Add	*176.24*	
11 30 13 13-0004	EA	24" Electric Range With Oven	924.36	89.51
		For Stainless Steel, Add	*186.34*	
11 30 13 13-0005	EA	30" Electric Range With Oven	895.45	89.51
		For Stainless Steel, Add	*201.49*	
11 30 13 13-0006	EA	30" Free-Standing Electric Range With Oven (Hotpoint® RB525DHWW)	948.20	89.51
11 30 13 13-0007		Gas Ranges With Ovens *(11 30 13 13-0001)*		
11 30 13 13-0008	EA	20" Gas Range With Oven	984.96	89.51
		For Stainless Steel, Add	*201.49*	
11 30 13 13-0009	EA	24" Gas Range With Oven	1,037.48	89.51
		For Stainless Steel, Add	*214.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13 13-0010	EA	30" Gas Range With Oven	1,085.96	89.51
		For Stainless Steel, Add	*226.74*	
11 30 13 13-0011		**Range Hoods** *(11 30 13 13)*		
11 30 13 13-0012		**Venting Range Hoods** *(11 30 13 13-0011)*		
11 30 13 13-0013	EA	21" Venting Range Hood (Broan 40000)	293.21	67.14
		For Stainless Steel, Add	*23.84*	
11 30 13 13-0014	EA	24" Venting Range Hood (Broan 40000)	269.59	67.14
		For Stainless Steel, Add	*20.30*	
11 30 13 13-0015	EA	30" Venting Range Hood (Broan 40000)	265.45	67.14
		For Stainless Steel, Add	*19.68*	
11 30 13 13-0016	EA	36" Venting Range Hood (Broan 40000)	269.59	67.14
		For Stainless Steel, Add	*20.30*	
11 30 13 13-0017		**Non-Ducted Range Hoods** *(11 30 13 13-0011)*		
11 30 13 13-0018	EA	21" Non Ducted Range Hood (Broan 41000)	296.26	67.14
		For Stainless Steel, Add	*24.30*	
11 30 13 13-0019	EA	24" Non Ducted Range Hood (Broan 41000)	272.72	67.14
		For Stainless Steel, Add	*20.77*	
11 30 13 13-0020	EA	30" Non Ducted Range Hood (Broan 41000)	268.56	67.14
		For Stainless Steel, Add	*20.15*	
11 30 13 13-0021	EA	36" Non Ducted Range Hood (Broan 41000)	272.72	67.14
		For Stainless Steel, Add	*20.77*	
11 30 13 13-0022		**Microwaves** *(11 30 13 13)*		
11 30 13 13-0023		**Countertop Microwaves** *(11 30 13 13-0022)*		
11 30 13 13-0024	EA	1.1 CF Countertop Microwave Oven	188.01	11.19
		For Stainless Steel, Add	*24.84*	
11 30 13 13-0025	EA	1.2 CF Countertop Microwave Oven	224.35	11.19
		For Stainless Steel, Add	*30.30*	
11 30 13 13-0026	EA	1.3 CF Countertop Microwave Oven	230.41	11.19
		For Stainless Steel, Add	*31.20*	
11 30 13 13-0027	EA	1.4 CF Countertop Microwave Oven	282.95	11.19
		For Stainless Steel, Add	*39.09*	
11 30 13 13-0028	EA	1.5 CF Countertop Microwave Oven	303.15	11.19
		For Stainless Steel, Add	*42.12*	
11 30 13 13-0029	EA	1.6 CF Countertop Microwave Oven	323.35	11.19
		For Stainless Steel, Add	*45.15*	
11 30 13 13-0030	EA	1.7 CF Countertop Microwave Oven	343.54	11.19
		For Stainless Steel, Add	*48.17*	
11 30 13 13-0031	EA	1.8 CF Countertop Microwave Oven	363.74	11.19
		For Stainless Steel, Add	*51.20*	
11 30 13 13-0032	EA	2.0 CF Countertop Microwave Oven	385.94	11.19
		For Stainless Steel, Add	*54.53*	
11 30 13 13-0033		**Over-The-Range Microwaves** *(11 30 13 13-0022)*		
11 30 13 13-0034	EA	1.5 CF Over-The Range Microwave	650.51	89.50
		For Stainless Steel, Add	*77.44*	
11 30 13 13-0035	EA	1.6 CF Over-The Range Microwave	738.19	89.50
		For Stainless Steel, Add	*90.59*	
11 30 13 13-0036	EA	1.7 CF Over-The Range Microwave	766.45	89.50
		For Stainless Steel, Add	*94.83*	
11 30 13 13-0037	EA	1.8 CF Over-The Range Microwave	978.54	89.50
		For Stainless Steel, Add	*126.65*	
11 30 13 13-0038	EA	2.0 CF Over-The Range Microwave	778.59	89.50
		For Stainless Steel, Add	*96.65*	
11 30 13 13-0039	EA	1.6 CF Over-the-Range Microwave (Hotpoint® RVM5160DHWW)	478.73	67.13
11 30 13 13-0040		**Trash Compactors** *(11 30 13 13)*		
11 30 13 13-0041	EA	15" Built-In Trash Compactor, 4 To 1 Compaction	1,489.94	89.51
		For Stainless Steel, Add	*235.97*	
11 30 13 13-0042		**Refrigerators** *(11 30 13 13)*		
11 30 13 13-0043		**Top Freezer Refrigerators** *(11 30 13 13-0042)*		
11 30 13 13-0044	EA	Up To 10 CF Top Freezer Refrigerator	735.86	44.76
		For Stainless Steel, Add	*96.95*	
11 30 13 13-0045	EA	>10 To 12 CF Top Freezer Refrigerator	895.45	44.76
		For Stainless Steel, Add	*120.89*	
11 30 13 13-0046	EA	>12 To 14 CF Top Freezer Refrigerator	998.44	44.76
		For Stainless Steel, Add	*136.34*	
11 30 13 13-0047	EA	>14 To 16 CF Top Freezer Refrigerator	1,059.04	44.76
		For Stainless Steel, Add	*145.43*	
11 30 13 13-0048	EA	>16 To 18 CF Top Freezer Refrigerator	1,220.63	44.76
		For Stainless Steel, Add	*169.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13 13-0049	EA	>18 To 20 CF Top Freezer Refrigerator	1,360.03	44.76
		For Stainless Steel, Add	*190.58*	
11 30 13 13-0050	EA	>20 To 22 CF Top Freezer Refrigerator	1,463.02	44.76
		For Stainless Steel, Add	*206.03*	
11 30 13 13-0051	EA	14.6 CF, Top-Freezer Refrigerator (Hotpoint® ENERGY STAR® HPE15BTHWW)	1,272.44	44.76
11 30 13 13-0052		**Side-By-Side Refrigerators** *(11 30 13 13-0042)*		
11 30 13 13-0053	EA	Up To 22 CF Side-By-Side Refrigerator	1,503.20	44.76
		For Stainless Steel, Add	*212.05*	
11 30 13 13-0054	EA	>22 To 24 CF Side-By-Side Refrigerator	1,867.00	44.76
		For Stainless Steel, Add	*266.62*	
11 30 13 13-0055	EA	>24 To 26 CF Side-By-Side Refrigerator	2,109.39	44.76
		For Stainless Steel, Add	*302.98*	
11 30 13 13-0056		**Other Refrigerators** *(11 30 13 13-0042)*		
11 30 13 13-0057	EA	1.7 CF Dormitory Sized Refrigerator	242.91	22.38
		For Stainless Steel, Add	*29.72*	
11 30 13 13-0058	EA	4.4 CF Dormitory Sized Refrigerator	333.81	22.38
		For Stainless Steel, Add	*43.36*	
11 30 13 13-0059		**Freezers** *(11 30 13 13)*		
11 30 13 13-0060		**Upright Freezers** *(11 30 13 13-0059)*		
11 30 13 13-0061	EA	Up To 10 CF Upright Freezer	693.46	44.76
		For Stainless Steel, Add	*90.59*	
11 30 13 13-0062	EA	>10 To 12 CF Upright Freezer	895.45	44.76
		For Stainless Steel, Add	*120.89*	
11 30 13 13-0063	EA	>12 To 14 CF Upright Freezer	956.05	44.76
		For Stainless Steel, Add	*129.98*	
11 30 13 13-0064	EA	>14 To 16 CF Upright Freezer	1,097.44	44.76
		For Stainless Steel, Add	*151.19*	
11 30 13 13-0065	EA	>16 To 18 CF Upright Freezer	1,261.03	44.76
		For Stainless Steel, Add	*175.73*	
11 30 13 13-0066	EA	>18 To 20 CF Upright Freezer	1,341.85	44.76
		For Stainless Steel, Add	*187.85*	
11 30 13 13-0067	EA	>20 To 22 CF Upright Freezer	1,402.42	44.76
		For Stainless Steel, Add	*196.94*	
11 30 13 13-0068		**Chest Freezers** *(11 30 13 13-0059)*		
11 30 13 13-0069	EA	Up To 8 CF Chest Freezer	554.07	44.76
		For Stainless Steel, Add	*69.68*	
11 30 13 13-0070	EA	>8 To 10 CF Chest Freezer	695.46	44.76
		For Stainless Steel, Add	*90.89*	
11 30 13 13-0071	EA	>10 To 12 CF Chest Freezer	745.98	44.76
		For Stainless Steel, Add	*98.47*	
11 30 13 13-0072	EA	>12 To 14 CF Chest Freezer	836.85	44.76
		For Stainless Steel, Add	*112.10*	
11 30 13 13-0073	EA	>14 To 16 CF Chest Freezer	895.45	44.76
		For Stainless Steel, Add	*120.89*	
11 30 13 13-0074	EA	>16 To 18 CF Chest Freezer	1,097.44	44.76
		For Stainless Steel, Add	*151.19*	
11 30 13 13-0075	EA	>18 To 20 CF Chest Freezer	1,360.03	44.76
		For Stainless Steel, Add	*190.58*	
11 30 13 13-0076	EA	>20 To 22 CF Chest Freezer	1,402.42	44.76
		For Stainless Steel, Add	*196.94*	
11 30 13 13-0077		**Automatic Ice Makers** *(11 30 13 13)*		
11 30 13 13-0078	EA	15" Wide, 50 LB Per Day, Automatic Ice Maker	2,598.86	89.51
11 30 13 13-0079	EA	18" Wide, 50 LB Per Day, Automatic Ice Maker	2,901.85	89.51
11 30 13 13-0080		**Built-In Dishwashers** *(11 30 13 13)*		
11 30 13 13-0081	EA	18" Built-In Dishwasher	1,249.55	89.51
		For Stainless Steel, Add	*160.58*	
11 30 13 13-0082	EA	24" Built-In Dishwasher	825.37	89.51
		For Stainless Steel, Add	*96.95*	
11 30 13 13-0083		**Disposals** *(11 30 13 13)*		
11 30 13 13-0084	EA	1/3 HP Insulated Garbage Disposal (GE GFC320V)	273.63	67.14
11 30 13 13-0085	EA	1/2 HP Insulated Garbage Disposal (GE GFC520V)	314.03	67.14
11 30 13 13-0086	EA	3/4 HP Insulated Garbage Disposal (GE GFC720V)	415.03	67.14
11 30 13 13-0087	EA	1 HP Insulated Garbage Disposal (GE GFC1020V)	516.02	67.14
11 30 13 13-0088		**Removal And Reinstallation Of Kitchen Equipment** *(11 30 13 13)*		
		Note: Includes storage, cleaning and final connections.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13 13-0089	EA	Removal And Reinstallation Of Garbage Disposal	134.26	
11 30 13 13-0090	EA	Removal And Reinstallation Of Stove/Range	268.53	
11 30 13 13-0091	EA	Removal And Reinstallation Of Dishwasher	286.44	
11 30 13 13-0092	EA	Removal And Reinstallation Of Range Hood	134.26	
11 30 13 13-0093	EA	Removal And Reinstallation Of Washer And Dryer	223.78	
11 30 13 13-0094		Appliance Repair *(11 30 13 13)*		
		Note: Includes removal.		
11 30 13 13-0095	EA	8" Burner Replacement	33.33	
11 30 13 13-0096	EA	4" Burner Element Replacement	59.10	
11 30 13 13-0097	EA	8" Burner Element Replacement	67.95	
11 30 13 13-0098	EA	Burner Manifold Replacement	227.23	
11 30 13 13-0099	EA	Burner Switch Replacement	93.53	
11 30 13 13-0100	EA	Burner Tube, 5/8" x 4' Replacement	43.17	
11 30 13 13-0101	EA	Oven Control Replacement	112.82	
11 30 13 13-0102	EA	Oven Door Gasket Replacement	44.59	
11 30 13 13-0103	EA	Oven Element Replacement	106.07	
11 30 13 13-0104	EA	Oven Igniter Replacement	76.52	
11 30 13 13-0105	EA	Oven Knobs Replacement	58.57	
11 30 13 13-0106		Accessories *(11 30 13 13)*		
11 30 13 13-0107	SF	Colored Metal Range Splash Plate	18.87	3.58
11 30 13 13-0108	SF	Stainless Steel Range Splash Plate	28.27	3.58
11 30 13 13-0109		Automatic Water Softener *(11 30 13 13)*		
11 30 13 13-0110	EA	30,000 Grain Capacity, Water Softener (Whirlpool WHES30)	1,285.20	199.76
11 30 13 13-0111	EA	40,000 Grain Capacity, Water Softener (Whirlpool WHES40)	1,533.33	199.76
11 30 13 23		**Residential Laundry Appliances** *(11 30 13)*		
11 30 13 23-0001		Washing Machines And Dryers *(11 30 13 23)*		
11 30 13 23-0002		Washing Machines *(11 30 13 23-0001)*		
11 30 13 23-0003	EA	Up To 3.5 CF, Top Load Washing Machine	962.40	89.51
11 30 13 23-0004	EA	>3.5 To 4 CF, Top Load Washing Machine	1,548.17	89.51
11 30 13 23-0005	EA	>4 To 5 CF, Top Load Washing Machine	2,053.14	89.51
11 30 13 23-0006		Dryers *(11 30 13 23-0001)*		
11 30 13 23-0007		Electric Dryers *(11 30 13 23-0006)*		
11 30 13 23-0008	EA	Up To 6 CF, Electric Dryer	738.21	89.51
11 30 13 23-0009	EA	>6 To 6.5 CF, Electric Dryer	942.20	89.51
11 30 13 23-0010	EA	>6.5 To 7 CF, Electric Dryer	1,164.39	89.51
11 30 13 23-0011	EA	>7 To 7.5 CF, Electric Dryer	1,325.98	89.51
11 30 13 23-0012		Gas Dryers *(11 30 13 23-0006)*		
11 30 13 23-0013	EA	Up To 6 CF, Gas Dryer	881.60	89.51
11 30 13 23-0014	EA	>6 To 6.5 CF, Gas Dryer	1,083.59	89.51
11 30 13 23-0015	EA	>6.5 To 7 CF, Gas Dryer	1,285.36	89.51
11 30 13 23-0016	EA	>7 To 7.5 CF, Gas Dryer	1,467.37	89.51
11 30 13 23-0017		Washer and Dryer Accessories *(11 30 13 23-0001)*		
		See CSI section 22 11 19 00-0209 for washer boxes and dryer outlets.		
11 30 13 23-0018	EA	1" Height, Washer/Dryer Stacking Kit (Miele WTV 502)	142.45	6.71
11 30 13 23-0019	EA	4-3/4" Height, Washer/Dryer Stacking Kit With Drawer (Miele WTV 512)	340.19	7.83
11 30 13 23-0020	EA	13" Height, Washer/Dryer Stacking Kit With Drawer (Miele WTS 510)	668.24	8.95
11 30 33		**Retractable Stairs** *(11 30)*		
11 30 33 00-0001		Disappearing Folding Access Stairs *(11 30 33)*		
11 30 33 00-0002		250 LB Capacity, Wood Folding Access Stairs *(11 30 33 00-0001)*		
11 30 33 00-0003	EA	22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity	720.09	201.06
11 30 33 00-0004	EA	22-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity	735.38	201.06
11 30 33 00-0005	EA	25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity	735.38	201.06
11 30 33 00-0006	EA	25-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity	750.29	201.06
11 30 33 00-0007		350 LB Capacity, Wood Folding Access Stairs *(11 30 33 00-0001)*		
11 30 33 00-0008	EA	22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	859.63	201.06
11 30 33 00-0009	EA	22-1/2" x 54" Rough Opening, 8' 9" To 10' 3" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	890.54	201.06
11 30 33 00-0010	EA	25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	877.83	201.06
11 30 33 00-0011	EA	25-1/2" x 54" Rough Opening, 8' 9" To 10' 3" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	907.36	201.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 33 00-0012	EA	30" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	895.48	201.06
11 30 33 00-0013	EA	30" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	946.53	201.06
11 30 33 00-0014		**350 LB Capacity, Wood Folding Access Stairs** *(11 30 33 00-0001)*		
		Note: 1 x 6 treads, 1 x 5 stringers. Bessler Stairway Company, Model Space Saver.		
11 30 33 00-0015	EA	22-1/2" x 48" Rough Opening, 8' 5" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,112.03	201.06
11 30 33 00-0016	EA	22-1/2" x 54" Rough Opening, 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,155.05	201.06
11 30 33 00-0017	EA	22-1/2" x 54" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,198.07	201.06
11 30 33 00-0018	EA	22-1/2" x 60" Rough Opening, 9' 3" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,198.07	201.06
11 30 33 00-0019	EA	22-1/2" x 60" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,219.59	201.06
11 30 33 00-0020	EA	25-1/2" x 48" Rough Opening, 8' 5" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,137.16	201.06
11 30 33 00-0021	EA	25-1/2" x 54" Rough Opening, 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,180.18	201.06
11 30 33 00-0022	EA	25-1/2" x 54" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,223.20	201.06
11 30 33 00-0023	EA	25-1/2" x 60" Rough Opening, 9' 3" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,223.20	201.06
11 30 33 00-0024	EA	25-1/2" x 60" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,244.72	201.06
11 30 33 00-0025	EA	30" x 54" Rough Opening, 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,269.85	201.06
11 30 33 00-0026	EA	30" x 54" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,312.87	201.06
11 30 33 00-0027	EA	30" x 60" Rough Opening, 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,398.92	201.06
11 30 33 00-0028	EA	30" x 60" Rough Opening, 9' 3" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,420.43	201.06
11 30 33 00-0029	EA	30" x 60" Rough Opening, 10' Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,441.94	201.06
11 30 33 00-0030	EA	30" x 60" Rough Opening, 10' 6" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,463.45	201.06
11 30 33 00-0031		**400 LB Capacity, Wood One Piece Pull Down Access Stairs** *(11 30 33 00-0001)*		
		Note: Ladder width 17 1/16", 1x4 treads, 1x4 stringers. Bessler Stairway Company, Model 20.		
11 30 33 00-0032	EA	24" x 48" Rough Opening, 7' 7" To 7' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 LB Capacity	1,771.86	201.06
11 30 33 00-0033	EA	24" x 48" Rough Opening, 7' 11" To 8' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 LB Capacity	1,836.39	201.06
11 30 33 00-0034	EA	24" x 48" Rough Opening, 8' 5" To 8' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 LB Capacity	1,900.93	201.06
11 30 33 00-0035	EA	24" x 48" Rough Opening, 8' 11" To 9' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 LB Capacity	1,943.95	201.06
11 30 33 00-0036		**600 LB Capacity, Wood One Piece Pull Down Access Stairs** *(11 30 33 00-0001)*		
		Note: Ladder width 17 1/16", 1x6 treads, 1x6 stringers. Bessler Stairway Company, Model 40.		
11 30 33 00-0037	EA	24" x 66" Rough Opening, 7' 7" To 7' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 LB Capacity	2,094.54	201.06
		For Ladder Width 18 7/8" Wide, Add	*238.78*	
11 30 33 00-0038	EA	24" x 66" Rough Opening, 7' 11" To 8' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 LB Capacity	2,137.56	201.06
		For Ladder Width 18 7/8" Wide, Add	*245.24*	
11 30 33 00-0039	EA	24" x 66" Rough Opening, 8' 5" To 8' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 LB Capacity	2,159.07	201.06
		For Ladder Width 18 7/8" Wide, Add	*248.46*	
11 30 33 00-0040	EA	24" x 66" Rough Opening, 8' 11" To 9' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 LB Capacity	2,223.61	201.06
		For Ladder Width 18 7/8" Wide, Add	*258.14*	
11 30 33 00-0041	EA	24" x 72" Rough Opening, 9' 5" To 9' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 LB Capacity	2,359.93	201.06
		For Ladder Width 18 7/8" Wide, Add	*271.05*	
11 30 33 00-0042	EA	24" x 72" Rough Opening, 9' 11" To 10' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 LB Capacity	2,467.49	201.06
		For Ladder Width 18 7/8" Wide, Add	*287.19*	
11 30 33 00-0043	EA	24" x 72" Rough Opening, 10' 5" To 10' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 LB Capacity	2,575.05	201.06
		For Ladder Width 18 7/8" Wide, Add	*303.32*	
11 30 33 00-0044		**800 LB Capacity, Wood One Piece Pull Down Access Stairs** *(11 30 33 00-0001)*		
		Note: Ladder width 18 7/8", 1x8 treads, 1x8 stringers. Bessler Stairway Company, Model 100.		
11 30 33 00-0045	EA	30" x 70" Rough Opening, 7' 7" To 7' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity	3,951.82	201.06
11 30 33 00-0046	EA	30" x 70" Rough Opening, 7' 11" To 8' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity	3,994.84	201.06
11 30 33 00-0047	EA	30" x 70" Rough Opening, 8' 5" To 8' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity	4,037.86	201.06
11 30 33 00-0048	EA	30" x 72" Rough Opening, 8' 11" To 9' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity	4,145.42	201.06
11 30 33 00-0049	EA	30" x 76" Rough Opening, 9' 5" To 9' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity	4,260.22	201.06
11 30 33 00-0050	EA	30" x 80" Rough Opening, 9' 11" To 10' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity	4,324.76	201.06
11 30 33 00-0051	EA	30" x 84" Rough Opening, 10' 5" To 10' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity	4,432.32	201.06
11 30 33 00-0052	EA	30" x 87" Rough Opening, 10' 11" To 11' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity	4,633.18	201.06
11 30 33 00-0053	EA	30" x 90" Rough Opening, 11' 5" To 11' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity	4,826.79	201.06
11 30 33 00-0054	EA	30" x 93" Rough Opening, 11' 11" To 12' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity	5,063.42	201.06

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 33 00-0055	EA	30" x 96" Rough Opening, 12' 5" To 12' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity	5,278.54	201.06
11 30 33 00-0056		300 LB Capacity, Aluminum Folding Access Stairs *(11 30 33 00-0001)*		
11 30 33 00-0057	EA	22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity	750.00	201.06
11 30 33 00-0058	EA	22-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity	782.37	201.06
11 30 33 00-0059	EA	25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity	759.02	201.06
11 30 33 00-0060	EA	25-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity	791.37	201.06
11 30 33 00-0061	EA	25-1/2" x 54" Rough Opening, 10' 5" To 12' Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity	971.59	201.06
11 30 33 00-0062		300 LB Capacity, Steel Folding Access Stairs *(11 30 33 00-0001)*		
11 30 33 00-0063	EA	22-1/2" x 54" Rough Opening, 7' 3" To 8' 4" Ceiling Height, Steel Folding Access Stairs, 300 LB Capacity	740.07	201.06
11 30 33 00-0064	EA	22-1/2" x 54" Rough Opening, 8' 4" To 10' 3" Ceiling Height, Steel Folding Access Stairs, 300 LB Capacity	775.94	201.06

11 32 Unit Kitchens *(11 30)*

11 32 13 Metal Unit Kitchens *(11 32)*

Note: Includes electrical hook-up to outlet, supply line connection to service stops, and drain line and p-trap. Excludes garbage disposer and hood exhaust vent piping.

11 32 13 00-0001		30" Compact Kitchen *(11 32 13)*		
11 32 13 00-0002	EA	30" Compact Unit Kitchen With Refrigerator, Range And Sink	2,258.80	542.28
		For Gas Unit, Add	*230.37*	
11 32 13 00-0003	EA	30" Compact Unit Kitchen With Refrigerator And Sink	1,894.40	379.59
11 32 13 00-0004	EA	30" Compact Unit Kitchen With Refrigerator And Range	1,726.19	325.37
11 32 13 00-0005	EA	30" Compact Unit Kitchen Cabinet For Upper Wall Section	540.45	150.72
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0006	EA	30" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,078.09	200.96
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0007	EA	30" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	73.03	17.90
11 32 13 00-0008	EA	30" Compact Unit Kitchen Stainless Steel Shield For Side Wall	66.42	17.90
11 32 13 00-0009		42" Compact Kitchen *(11 32 13)*		
11 32 13 00-0010	EA	42" Compact Unit Kitchen With Refrigerator, Range And Sink	2,619.00	596.51
		For Gas Unit, Add	*273.55*	
11 32 13 00-0011	EA	42" Compact Unit Kitchen With Refrigerator And Sink	2,346.32	488.05
11 32 13 00-0012	EA	42" Compact Unit Kitchen Cabinet For Upper Wall Section	680.22	170.83
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0013	EA	42" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,248.82	226.09
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0014	EA	42" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	86.63	17.90
11 32 13 00-0015	EA	42" Compact Unit Kitchen Stainless Steel Shield For Side Wall	73.59	17.90
11 32 13 00-0016		54" Compact Kitchen *(11 32 13)*		
11 32 13 00-0017	EA	54" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	3,529.90	759.19
		For Gas Unit, Add	*377.65*	
11 32 13 00-0018	EA	54" Compact Unit Kitchen Cabinet For Upper Wall Section	840.09	100.48
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0019	EA	54" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,388.68	251.22
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0020	EA	54" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	100.26	17.90
11 32 13 00-0021	EA	54" Compact Unit Kitchen Stainless Steel Shield For Side Wall	76.98	17.90
11 32 13 00-0022		60" Compact Kitchen *(11 32 13)*		
11 32 13 00-0023	EA	60" Compact Unit Kitchen With Refrigerator, Oven, Range, And Sink	3,718.01	813.42
		For Gas Unit, Add	*395.02*	
11 32 13 00-0024	EA	60" Compact Unit Kitchen Cabinet For Upper Wall Section	1,000.32	251.22
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0025	EA	60" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	105.84	17.90
11 32 13 00-0026	EA	60" Compact Unit Kitchen Stainless Steel Shield For Side Wall	76.98	17.90
11 32 13 00-0027		72" Compact Kitchen *(11 32 13)*		
11 32 13 00-0028	EA	72" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	3,985.80	867.65
		For Gas Unit, Add	*424.34*	
11 32 13 00-0029	EA	72" Compact Unit Kitchen Cabinet For Upper Wall Section	1,220.30	301.46
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0030	EA	72" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	122.94	22.38
11 32 13 00-0031	EA	72" Compact Unit Kitchen Stainless Steel Shield For Side Wall	81.05	22.38

11 40 Foodservice Equipment *(11)*

11 41 Foodservice Storage Equipment *(11 40)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 13		**Refrigerated Food Storage Cases** *(11 41)*		
11 41 13 00-0001		Frozen Food Cases *(11 41 13)*		
11 41 13 00-0002	LF	Chest Type Frozen Food Case	1,724.85	325.51
11 41 13 00-0003	LF	Reach-in Frozen Food Case (Glass Door)	3,633.76	325.51
11 41 13 00-0004	LF	Island Type Frozen Food Case	2,066.54	325.51
11 41 13 00-0005	LF	Multi-Deck Frozen Food Case	3,468.40	325.51
11 41 13 00-0006		Reach-In Refrigeration *(11 41 13)*		
11 41 13 00-0007		Reach-In Refrigerators *(11 41 13 00-0006)*		
11 41 13 00-0008	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	6,158.00	172.38
11 41 13 00-0009	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	7,583.46	217.42
11 41 13 00-0010	EA	Three Section, 69.1 CF, Full Door, Self Contained, Reach-In Refrigerator	10,149.00	240.20
11 41 13 00-0011	EA	Single Section, Glass Door, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	5,696.01	172.38
11 41 13 00-0012	EA	Two Section, Glass Door, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	7,411.98	217.42
11 41 13 00-0013	EA	Three Section, Glass Door, 61.1 CF, Full Door, Self Contained, Reach-In Refrigerator	9,868.26	240.20
11 41 13 00-0014	EA	Single Section, Pass-Thru, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	7,409.05	172.38
11 41 13 00-0015	EA	Two Section, Pass-Thru, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	10,027.71	217.42
11 41 13 00-0016	EA	Single Section, Pass-Thru, Glass Door, 25.6 CF, Full Door, Self Contained, Reach-In Refrigerator	7,745.43	172.38
11 41 13 00-0017	EA	Two Section, Pass-Thru, Glass Door, 48.8 CF, Full Door, Self Contained, Reach-In Refrigerator	11,166.85	217.42
11 41 13 00-0018	EA	One Section, 12.6 CF, Self-Closing, Double Pane Tempered Glass Door, Merchandiser Refrigerator (Summit SCR1400WLH)	1,771.39	51.11
11 41 13 00-0019	EA	One Section, 20.6 CF, Stainless Steel, Glass Door, Upright Refrigerator (Avantco SS-1R-G-HC 29)	2,558.44	51.11
11 41 13 00-0020		Reach-In Freezers *(11 41 13 00-0006)*		
11 41 13 00-0021	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Freezer	6,933.72	172.59
11 41 13 00-0022	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Freezer	9,198.16	217.11
11 41 23		**Walk-In-Coolers** *(11 41)*		
11 41 23 00-0001		Walk-In Refrigerated Boxes *(11 41 23)* Note: Overall height includes 4" floor panel and 4" ceiling panel. See CSI section 11 41 23 00-0171 for air cooled condensing units for coolers and freezers, 11 41 23 00-0282 for accessories, 21 13 16 00-0000 for dry-pipe sprinkler heads, 26 50 00 00-0000 for lighting.		
11 41 23 00-0002		Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)* Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.		
11 41 23 00-0003	EA	6' x 6' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	7,439.57	1,216.01
		For Refrigerated Boxes Without Floor, Deduct	*-1,454.48*	
11 41 23 00-0004	EA	6' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	8,855.27	1,368.01
		For Refrigerated Boxes Without Floor, Deduct	*-1,757.82*	
11 41 23 00-0005	EA	6' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,407.00	1,520.01
		For Refrigerated Boxes Without Floor, Deduct	*-1,845.08*	
11 41 23 00-0006	EA	6' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,680.54	1,824.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,062.46*	
11 41 23 00-0007	EA	6' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,330.35	2,128.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,373.63*	
11 41 23 00-0008	EA	6' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,663.70	2,432.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,605.11*	
11 41 23 00-0009	EA	6' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,974.55	2,736.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,831.63*	
11 41 23 00-0010	EA	8' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,763.37	1,520.01
		For Refrigerated Boxes Without Floor, Deduct	*-1,934.17*	
11 41 23 00-0011	EA	8' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,688.63	1,672.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,114.97*	
11 41 23 00-0012	EA	8' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,082.29	1,976.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,361.61*	
11 41 23 00-0013	EA	8' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,879.54	2,280.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,709.88*	
11 41 23 00-0014	EA	8' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,293.19	2,584.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,962.27*	
11 41 23 00-0015	EA	8' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,749.70	2,888.02
		For Refrigerated Boxes Without Floor, Deduct	*-3,224.58*	
11 41 23 00-0016	EA	8' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,161.62	3,192.02
		For Refrigerated Boxes Without Floor, Deduct	*-3,476.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0017	EA	8' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,614.50	3,496.03
		For Refrigerated Boxes Without Floor, Deduct	*-3,737.97*	
11 41 23 00-0018	EA	8' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,033.36	3,800.03
		For Refrigerated Boxes Without Floor, Deduct	*-3,991.67*	

11 41 23 00-0019 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.

11 41 23 00-0020	EA	10' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,087.21	1,824.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,414.12*	
11 41 23 00-0021	EA	10' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,598.02	2,128.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,690.55*	
11 41 23 00-0022	EA	10' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,170.70	2,432.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,981.86*	
11 41 23 00-0023	EA	10' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,661.30	2,736.01
		For Refrigerated Boxes Without Floor, Deduct	*-3,253.32*	
11 41 23 00-0024	EA	10' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,253.37	3,040.02
		For Refrigerated Boxes Without Floor, Deduct	*-3,550.90*	
11 41 23 00-0025	EA	10' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,746.08	3,344.02
		For Refrigerated Boxes Without Floor, Deduct	*-3,821.06*	
11 41 23 00-0026	EA	10' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,342.27	3,648.03
		For Refrigerated Boxes Without Floor, Deduct	*-4,120.21*	
11 41 23 00-0027	EA	10' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,826.02	3,952.03
		For Refrigerated Boxes Without Floor, Deduct	*-4,390.10*	
11 41 23 00-0028	EA	10' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,422.42	4,256.03
		For Refrigerated Boxes Without Floor, Deduct	*-4,687.69*	
11 41 23 00-0029	EA	10' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,916.61	4,560.03
		For Refrigerated Boxes Without Floor, Deduct	*-4,959.14*	
11 41 23 00-0030	EA	10' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,714.21	5,016.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,256.99*	
11 41 23 00-0031	EA	10' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,391.91	5,472.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,526.88*	
11 41 23 00-0032	EA	12' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,992.54	2,280.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,988.13*	
11 41 23 00-0033	EA	12' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,719.72	2,584.01
		For Refrigerated Boxes Without Floor, Deduct	*-3,318.90*	
11 41 23 00-0034	EA	12' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,317.31	2,888.02
		For Refrigerated Boxes Without Floor, Deduct	*-3,616.48*	
11 41 23 00-0035	EA	12' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,036.48	3,192.02
		For Refrigerated Boxes Without Floor, Deduct	*-3,945.68*	
11 41 23 00-0036	EA	12' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,641.94	3,496.03
		For Refrigerated Boxes Without Floor, Deduct	*-4,244.83*	
11 41 23 00-0037	EA	12' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,361.78	3,800.03
		For Refrigerated Boxes Without Floor, Deduct	*-4,573.77*	
11 41 23 00-0038	EA	12' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,953.08	4,104.03
		For Refrigerated Boxes Without Floor, Deduct	*-4,871.36*	
11 41 23 00-0039	EA	12' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,684.81	4,408.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,202.12*	
11 41 23 00-0040	EA	12' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,385.42	4,788.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,499.71*	
11 41 23 00-0041	EA	12' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,309.52	5,244.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,828.91*	
11 41 23 00-0042	EA	12' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,112.27	5,700.04
		For Refrigerated Boxes Without Floor, Deduct	*-6,128.06*	
11 41 23 00-0043	EA	12' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,029.47	6,156.04
		For Refrigerated Boxes Without Floor, Deduct	*-6,457.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0044	EA	12' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,821.46	6,612.04
		For Refrigerated Boxes Without Floor, Deduct	*-6,754.58*	
11 41 23 00-0045		**Walk-In Refrigerated Unit, 7'6" High With Floor** *(11 41 23 00-0001)*		
		Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.		
11 41 23 00-0046	EA	14' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,662.76	2,736.01
		For Refrigerated Boxes Without Floor, Deduct	*-4,003.68*	
11 41 23 00-0047	EA	14' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,574.62	3,040.02
		For Refrigerated Boxes Without Floor, Deduct	*-4,381.22*	
11 41 23 00-0048	EA	14' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,637.94	3,344.02
		For Refrigerated Boxes Without Floor, Deduct	*-4,794.02*	
11 41 23 00-0049	EA	14' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,548.70	3,648.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,171.82*	
11 41 23 00-0050	EA	14' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,597.83	3,952.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,583.05*	
11 41 23 00-0051	EA	14' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,521.34	4,256.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,962.42*	
11 41 23 00-0052	EA	14' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,574.64	4,560.03
		For Refrigerated Boxes Without Floor, Deduct	*-6,373.65*	
11 41 23 00-0053	EA	14' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,692.04	5,016.03
		For Refrigerated Boxes Without Floor, Deduct	*-6,751.45*	
11 41 23 00-0054	EA	14' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,941.39	5,472.03
		For Refrigerated Boxes Without Floor, Deduct	*-7,164.25*	
11 41 23 00-0055	EA	14' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,083.86	5,928.04
		For Refrigerated Boxes Without Floor, Deduct	*-7,541.79*	
11 41 23 00-0056	EA	14' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,320.65	6,384.04
		For Refrigerated Boxes Without Floor, Deduct	*-7,953.28*	
11 41 23 00-0057	EA	14' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	42,449.59	6,764.04
		For Refrigerated Boxes Without Floor, Deduct	*-8,332.38*	
11 41 23 00-0058		**Walk-In Refrigerated Unit, 7'6" High With Floor** *(11 41 23 00-0001)*		
		Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.		
11 41 23 00-0059	EA	16' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,548.98	3,192.02
		For Refrigerated Boxes Without Floor, Deduct	*-4,823.81*	
11 41 23 00-0060	EA	16' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,743.86	3,496.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,270.31*	
11 41 23 00-0061	EA	16' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,869.19	3,800.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,700.62*	
11 41 23 00-0062	EA	16' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,062.46	4,104.03
		For Refrigerated Boxes Without Floor, Deduct	*-6,148.70*	
11 41 23 00-0063	EA	16' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,192.35	4,408.03
		For Refrigerated Boxes Without Floor, Deduct	*-6,579.01*	
11 41 23 00-0064	EA	16' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,488.66	4,788.03
		For Refrigerated Boxes Without Floor, Deduct	*-7,025.52*	
11 41 23 00-0065	EA	16' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	36,823.48	5,244.03
		For Refrigerated Boxes Without Floor, Deduct	*-7,457.40*	
11 41 23 00-0066	EA	16' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,215.65	5,700.04
		For Refrigerated Boxes Without Floor, Deduct	*-7,903.90*	
11 41 23 00-0067	EA	16' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	41,538.34	6,156.04
		For Refrigerated Boxes Without Floor, Deduct	*-8,334.21*	
11 41 23 00-0068	EA	16' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	43,932.29	6,612.04
		For Refrigerated Boxes Without Floor, Deduct	*-8,782.29*	
11 41 23 00-0069	EA	18' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,528.07	3,648.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,666.66*	
11 41 23 00-0070	EA	18' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,775.76	3,952.03
		For Refrigerated Boxes Without Floor, Deduct	*-6,127.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0071	EA	18' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,137.16	4,256.03
		For Refrigerated Boxes Without Floor, Deduct	*-6,616.37*	
11 41 23 00-0072	EA	18' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,383.81	4,560.03
		For Refrigerated Boxes Without Floor, Deduct	*-7,075.94*	
11 41 23 00-0073	EA	18' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	36,950.59	5,016.03
		For Refrigerated Boxes Without Floor, Deduct	*-7,566.08*	
11 41 23 00-0074	EA	18' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,387.00	5,472.03
		For Refrigerated Boxes Without Floor, Deduct	*-8,025.65*	
11 41 23 00-0075	EA	18' x 30' Walk-in Refrigerated Box, 7' 6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	41,974.67	5,928.04
		For Refrigerated Boxes Without Floor, Deduct	*-8,514.49*	
11 41 23 00-0076	EA	18' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	44,408.98	6,384.04
		For Refrigerated Boxes Without Floor, Deduct	*-8,975.37*	
11 41 23 00-0077	EA	18' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	46,976.86	6,840.04
		For Refrigerated Boxes Without Floor, Deduct	*-9,464.20*	
11 41 23 00-0078	EA	18' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	49,608.19	7,397.38
		For Refrigerated Boxes Without Floor, Deduct	*-9,923.77*	

11 41 23 00-0079 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

11 41 23 00-0080	EA	6' x 6' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	7,817.89	1,216.01
		For Refrigerated Boxes Without Floor, Deduct	*-1,549.06*	
11 41 23 00-0081	EA	6' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,001.59	1,368.01
		For Refrigerated Boxes Without Floor, Deduct	*-1,794.40*	
11 41 23 00-0082	EA	6' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,887.73	1,520.01
		For Refrigerated Boxes Without Floor, Deduct	*-1,965.26*	
11 41 23 00-0083	EA	6' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,232.34	1,824.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,200.41*	
11 41 23 00-0084	EA	6' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,913.50	2,128.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,519.42*	
11 41 23 00-0085	EA	6' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,317.92	2,432.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,768.67*	
11 41 23 00-0086	EA	6' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,660.12	2,736.01
		For Refrigerated Boxes Without Floor, Deduct	*-3,003.02*	
11 41 23 00-0087	EA	8' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,283.82	1,520.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,064.29*	
11 41 23 00-0088	EA	8' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,240.43	1,672.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,252.92*	
11 41 23 00-0089	EA	8' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,705.16	1,976.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,517.33*	
11 41 23 00-0090	EA	8' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,533.75	2,280.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,873.43*	
11 41 23 00-0091	EA	8' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,018.47	2,584.01
		For Refrigerated Boxes Without Floor, Deduct	*-3,143.59*	
11 41 23 00-0092	EA	8' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,506.33	2,888.02
		For Refrigerated Boxes Without Floor, Deduct	*-3,413.74*	
11 41 23 00-0093	EA	8' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,989.32	3,192.02
		For Refrigerated Boxes Without Floor, Deduct	*-3,683.89*	
11 41 23 00-0094	EA	8' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,473.55	3,496.03
		For Refrigerated Boxes Without Floor, Deduct	*-3,952.74*	
11 41 23 00-0095	EA	8' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,963.47	3,800.03
		For Refrigerated Boxes Without Floor, Deduct	*-4,224.19*	

11 41 23 00-0096 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.

11 41 23 00-0097	EA	10' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,670.36	1,824.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,559.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0098	EA	10' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,252.24	2,128.01
		For Refrigerated Boxes Without Floor, Deduct	*-2,854.10*	
11 41 23 00-0099	EA	10' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,856.27	2,432.01
		For Refrigerated Boxes Without Floor, Deduct	*-3,153.25*	
11 41 23 00-0100	EA	10' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,417.94	2,736.01
		For Refrigerated Boxes Without Floor, Deduct	*-3,442.48*	
11 41 23 00-0101	EA	10' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,041.36	3,040.02
		For Refrigerated Boxes Without Floor, Deduct	*-3,747.90*	
11 41 23 00-0102	EA	10' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,605.13	3,344.02
		For Refrigerated Boxes Without Floor, Deduct	*-4,035.82*	
11 41 23 00-0103	EA	10' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,232.68	3,648.03
		For Refrigerated Boxes Without Floor, Deduct	*-4,342.81*	
11 41 23 00-0104	EA	10' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,787.48	3,952.03
		For Refrigerated Boxes Without Floor, Deduct	*-4,630.47*	
11 41 23 00-0105	EA	10' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,415.24	4,256.03
		For Refrigerated Boxes Without Floor, Deduct	*-4,935.89*	
11 41 23 00-0106	EA	10' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,980.49	4,560.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,225.11*	
11 41 23 00-0107	EA	10' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,809.45	5,016.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,530.80*	
11 41 23 00-0108	EA	10' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,558.21	5,396.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,818.46*	
11 41 23 00-0109	EA	12' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,717.82	2,280.01
		For Refrigerated Boxes Without Floor, Deduct	*-3,169.45*	
11 41 23 00-0110	EA	12' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,476.35	2,584.01
		For Refrigerated Boxes Without Floor, Deduct	*-3,508.06*	
11 41 23 00-0111	EA	12' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,145.01	2,888.02
		For Refrigerated Boxes Without Floor, Deduct	*-3,823.41*	
11 41 23 00-0112	EA	12' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,895.53	3,192.02
		For Refrigerated Boxes Without Floor, Deduct	*-4,160.44*	
11 41 23 00-0113	EA	12' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,572.06	3,496.03
		For Refrigerated Boxes Without Floor, Deduct	*-4,477.36*	
11 41 23 00-0114	EA	12' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,323.25	3,800.03
		For Refrigerated Boxes Without Floor, Deduct	*-4,814.14*	
11 41 23 00-0115	EA	12' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,985.62	4,104.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,129.49*	
11 41 23 00-0116	EA	12' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,748.69	4,408.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,468.09*	
11 41 23 00-0117	EA	12' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,520.37	4,788.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,783.45*	
11 41 23 00-0118	EA	12' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,475.83	5,244.03
		For Refrigerated Boxes Without Floor, Deduct	*-6,120.48*	
11 41 23 00-0119	EA	12' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,349.64	5,700.04
		For Refrigerated Boxes Without Floor, Deduct	*-6,437.40*	
11 41 23 00-0120	EA	12' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,298.19	6,156.04
		For Refrigerated Boxes Without Floor, Deduct	*-6,774.18*	
11 41 23 00-0121	EA	12' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,161.25	6,612.04
		For Refrigerated Boxes Without Floor, Deduct	*-7,089.53*	

11 41 23 00-0122 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.

11 41 23 00-0123	EA	14' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,450.75	2,736.01
		For Refrigerated Boxes Without Floor, Deduct	*-4,200.68*	
11 41 23 00-0124	EA	14' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,433.67	3,040.02
		For Refrigerated Boxes Without Floor, Deduct	*-4,595.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0125	EA	14' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,528.35	3,344.02
		For Refrigerated Boxes Without Floor, Deduct	*-5,016.62*	
11 41 23 00-0126	EA	14' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,510.17	3,648.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,412.18*	
11 41 23 00-0127	EA	14' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,590.65	3,952.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,831.26*	
11 41 23 00-0128	EA	14' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,585.22	4,256.03
		For Refrigerated Boxes Without Floor, Deduct	*-6,228.39*	
11 41 23 00-0129	EA	14' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,669.88	4,560.03
		For Refrigerated Boxes Without Floor, Deduct	*-6,647.46*	
11 41 23 00-0130	EA	14' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,858.35	5,016.03
		For Refrigerated Boxes Without Floor, Deduct	*-7,043.02*	
11 41 23 00-0131	EA	14' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,139.05	5,472.03
		For Refrigerated Boxes Without Floor, Deduct	*-7,463.67*	
11 41 23 00-0132	EA	14' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,352.58	5,928.04
		For Refrigerated Boxes Without Floor, Deduct	*-7,858.97*	
11 41 23 00-0133	EA	14' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	41,620.72	6,384.04
		For Refrigerated Boxes Without Floor, Deduct	*-8,278.30*	
11 41 23 00-0134	EA	14' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	43,820.73	6,840.04
		For Refrigerated Boxes Without Floor, Deduct	*-8,675.17*	

11 41 23 00-0135 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.

11 41 23 00-0136	EA	16' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,479.10	3,192.02
		For Refrigerated Boxes Without Floor, Deduct	*-5,056.34*	
11 41 23 00-0137	EA	16' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,705.33	3,496.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,510.68*	
11 41 23 00-0138	EA	16' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,901.73	3,800.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,958.76*	
11 41 23 00-0139	EA	16' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,126.34	4,104.03
		For Refrigerated Boxes Without Floor, Deduct	*-6,414.67*	
11 41 23 00-0140	EA	16' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,327.30	4,408.03
		For Refrigerated Boxes Without Floor, Deduct	*-6,862.75*	
11 41 23 00-0141	EA	16' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,654.96	4,788.03
		For Refrigerated Boxes Without Floor, Deduct	*-7,317.09*	
11 41 23 00-0142	EA	16' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,060.84	5,244.03
		For Refrigerated Boxes Without Floor, Deduct	*-7,766.74*	
11 41 23 00-0143	EA	16' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,484.37	5,700.04
		For Refrigerated Boxes Without Floor, Deduct	*-8,221.08*	
11 41 23 00-0144	EA	16' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	42,878.12	6,156.04
		For Refrigerated Boxes Without Floor, Deduct	*-8,669.16*	
11 41 23 00-0145	EA	16' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	45,303.43	6,612.04
		For Refrigerated Boxes Without Floor, Deduct	*-9,125.07*	
11 41 23 00-0146	EA	18' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,520.89	3,648.03
		For Refrigerated Boxes Without Floor, Deduct	*-5,914.86*	
11 41 23 00-0147	EA	18' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,839.65	3,952.03
		For Refrigerated Boxes Without Floor, Deduct	*-6,393.51*	
11 41 23 00-0148	EA	18' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,232.40	4,256.03
		For Refrigerated Boxes Without Floor, Deduct	*-6,890.18*	
11 41 23 00-0149	EA	18' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,550.11	4,560.03
		For Refrigerated Boxes Without Floor, Deduct	*-7,367.52*	
11 41 23 00-0150	EA	18' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,148.24	5,016.03
		For Refrigerated Boxes Without Floor, Deduct	*-7,865.50*	
11 41 23 00-0151	EA	18' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,655.72	5,472.03
		For Refrigerated Boxes Without Floor, Deduct	*-8,342.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0152	EA	18' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	43,274.74	5,928.04
		For Refrigerated Boxes Without Floor, Deduct	*-8,839.51*	
11 41 23 00-0153	EA	18' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	45,780.12	6,384.04
		For Refrigerated Boxes Without Floor, Deduct	*-9,318.15*	
11 41 23 00-0154	EA	18' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	48,379.35	6,840.04
		For Refrigerated Boxes Without Floor, Deduct	*-9,814.82*	
11 41 23 00-0155	EA	18' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	51,081.75	7,397.38
		For Refrigerated Boxes Without Floor, Deduct	*-10,292.16*	

11 41 23 00-0156 Walk-In Refrigerated Unit Metal Price Add-Ons *(11 41 23 00-0001)*

11 41 23 00-0157	SF	Metal Price Add-on, 190 Series Embossed White Polyester vs. 24 Gauge Galvalume®	0.44
11 41 23 00-0158	SF	Metal Price Add-ons, 24 Gauge White Polyester vs. 24 Gauge Galvalume®	0.82
11 41 23 00-0159	SF	Metal Price Add-ons, 0.038" Stucco Embossed Aluminum vs. 24 Gauge Galvalume®	1.16
11 41 23 00-0160	SF	Metal Price Add-ons, 22 Gauge Stainless Steel vs. 24 Gauge Galvalume®	8.15
11 41 23 00-0161	SF	Metal Price Add-ons, 20 Gauge Stainless Steel vs. 24 Gauge Galvalume®	10.66
11 41 23 00-0162	SF	Metal Price Add-ons, 24 Gauge Embossed Tan Polyester vs. 24 Gauge Galvalume®	1.32
11 41 23 00-0163	SF	Metal Price Add-ons, 0.040" Embossed White Aluminum vs. 24 Gauge Galvalume®	3.23
11 41 23 00-0164	SF	Metal Price Add-ons, 0.040" Smooth White Aluminum vs. 24 Gauge Galvalume®	4.18
11 41 23 00-0165	SF	Metal Price Add-ons, 24 Gauge Smooth Kynar® Painted vs. 24 Gauge Galvalume®	4.39
11 41 23 00-0166	SF	Metal Price Deducts, 14 GA Galvanized vs. 10 Gauge Smooth Aluminum Interior Floor	-5.90
11 41 23 00-0167	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 430 vs. 10 Gauge Smooth Aluminum Interior Floor	2.46
11 41 23 00-0168	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 304 vs. 10 Gauge Smooth Aluminum Interior Floor	6.38
11 41 23 00-0169	SF	Metal Price Add-ons, 12 GA Rigid Aluminum vs. 10 Gauge Smooth Aluminum Interior Floor	5.59
11 41 23 00-0170	SF	Metal Price Add-ons, 16 GA Rigid Stainless Steel vs. 10 Gauge Smooth Aluminum Interior Floor	18.13

11 41 23 00-0171 Air Cooled Condensing Units For Walk-In Coolers And Freezers *(11 41 23)*

11 41 23 00-0172 Medium Temperature Hermetic System, Indoor *(11 41 23 00-0171)*

Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0173 208/230 Volt, 1 Phase *(11 41 23 00-0172)*

Note: Pre-Assembled indoor R404a.

11 41 23 00-0174	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,750.38	149.82
11 41 23 00-0175	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,009.57	174.79
11 41 23 00-0176	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,772.96	199.76
11 41 23 00-0177	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,222.40	224.73
11 41 23 00-0178	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,853.83	249.70
11 41 23 00-0179	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,694.46	299.64
11 41 23 00-0180	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	10,479.41	349.57
11 41 23 00-0181	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	11,230.83	399.51

11 41 23 00-0182 208/230 Volt, 3 Phase *(11 41 23 00-0172)*

Note: Pre-Assembled indoor R404a.

11 41 23 00-0183	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,781.29	199.76
11 41 23 00-0184	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,222.40	224.73
11 41 23 00-0185	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,928.75	249.70
11 41 23 00-0186	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,605.28	299.64
11 41 23 00-0187	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	10,479.41	349.57
11 41 23 00-0188	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	11,127.38	399.51

11 41 23 00-0189 Medium Temperature Hermetic System, Outdoor *(11 41 23 00-0171)*

Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0190 208/230 Volt, 1 Phase *(11 41 23 00-0189)*

Note: Pre-Assembled outdoor R404a.

11 41 23 00-0191	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,673.09	149.82
11 41 23 00-0192	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,045.89	174.79
11 41 23 00-0193	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,665.46	199.76
11 41 23 00-0194	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,864.26	224.73
11 41 23 00-0195	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,222.88	249.70
11 41 23 00-0196	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,951.73	299.64
11 41 23 00-0197	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,946.32	349.57
11 41 23 00-0198	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,507.01	399.51

11 41 23 00-0199 208/230 Volt, 3 Phase *(11 41 23 00-0189)*

Note: Pre-Assembled outdoor R404a.

11 41 23 00-0200	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,634.51	199.76
11 41 23 00-0201	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,876.80	224.73
11 41 23 00-0202	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,288.12	249.70
11 41 23 00-0203	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,889.83	299.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0204	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,965.56	349.57
11 41 23 00-0205	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,430.05	399.51
11 41 23 00-0206		**Low Temperature Hermetic System, Indoor** *(11 41 23 00-0171)* Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0207		**208/230 Volt, 1 Phase** *(11 41 23 00-0206)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0208	EA	1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,405.56	149.82
11 41 23 00-0209	EA	3/4 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,596.98	174.79
11 41 23 00-0210	EA	1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,856.20	199.76
11 41 23 00-0211	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,248.56	224.73
11 41 23 00-0212	EA	2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,795.57	249.70
11 41 23 00-0213	EA	3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,021.46	299.64
11 41 23 00-0214		**208/230 Volt, 3 Phase** *(11 41 23 00-0206)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0215	EA	1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,864.52	199.76
11 41 23 00-0216	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,248.56	224.73
11 41 23 00-0217	EA	2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,872.86	249.70
11 41 23 00-0218	EA	3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,935.84	299.64
11 41 23 00-0219		**Low Temperature Hermetic System, Outdoor** *(11 41 23 00-0171)* Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0220		**208/230 Volt, 1 Phase** *(11 41 23 00-0219)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0221	EA	1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,321.35	149.82
11 41 23 00-0222	EA	3/4 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,390.51	174.79
11 41 23 00-0223	EA	1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,631.16	199.76
11 41 23 00-0224	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,021.51	224.73
11 41 23 00-0225	EA	2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,479.67	249.70
11 41 23 00-0226	EA	3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,171.72	299.64
11 41 23 00-0227		**208/230 Volt, 3 Phase** *(11 41 23 00-0219)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0228	EA	1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	4,782.56	199.76
11 41 23 00-0229	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,095.96	224.73
11 41 23 00-0230	EA	2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,539.90	249.70
11 41 23 00-0231	EA	3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,110.65	299.64
11 41 23 00-0232		**Medium Temperature Semi-Hermetic System, Indoor** *(11 41 23 00-0171)* Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0233		**208/230 Volt, 1 Phase** *(11 41 23 00-0232)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0234	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,133.25	199.76
11 41 23 00-0235	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	14,070.35	399.51
11 41 23 00-0236		**208/230 Volt, 3 Phase** *(11 41 23 00-0232)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0237	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,138.01	199.76
11 41 23 00-0238	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	8,504.28	249.70
11 41 23 00-0239	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	10,623.16	299.64
11 41 23 00-0240	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	13,876.53	399.51
11 41 23 00-0241		**Medium Temperature Semi-Hermetic System, Outdoor** *(11 41 23 00-0171)* Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0242		**208/230 Volt, 1 Phase** *(11 41 23 00-0241)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0243	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,854.50	199.76
11 41 23 00-0244	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	11,955.73	399.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0245		208/230 Volt, 3 Phase *(11 41 23 00-0241)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0246	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	4,862.86	199.76
11 41 23 00-0247	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,743.99	249.70
11 41 23 00-0248	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	8,252.83	299.64
11 41 23 00-0249	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	10,810.62	399.51
11 41 23 00-0250		Low Temperature Semi-Hermetic System, Indoor *(11 41 23 00-0171)*		
		Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0251		208/230 Volt, 1 Phase *(11 41 23 00-0250)*		
		Note: Pre-Assembled indoor R404a.		
11 41 23 00-0252	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,287.84	174.79
11 41 23 00-0253	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,711.15	199.76
11 41 23 00-0254	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,879.98	224.73
11 41 23 00-0255	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	9,134.49	249.70
11 41 23 00-0256	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	11,556.59	299.64
11 41 23 00-0257		208/230 Volt, 3 Phase *(11 41 23 00-0250)*		
		Note: Pre-Assembled indoor R404a.		
11 41 23 00-0258	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,254.54	174.79
11 41 23 00-0259	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,706.39	199.76
11 41 23 00-0260	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,834.80	224.73
11 41 23 00-0261	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	9,056.01	249.70
11 41 23 00-0262	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	11,139.23	299.64
11 41 23 00-0263	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	15,609.10	349.57
11 41 23 00-0264	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	16,423.46	449.45
11 41 23 00-0265	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	23,733.97	524.37
11 41 23 00-0266		Low Temperature Semi-Hermetic System, Outdoor *(11 41 23 00-0171)*		
		Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0267		208/230 Volt, 1 Phase *(11 41 23 00-0265)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0268	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,981.05	174.79
11 41 23 00-0269	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,225.88	199.76
11 41 23 00-0270	EA	1-1/2 Low Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,078.80	224.73
11 41 23 00-0271	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,981.95	249.70
11 41 23 00-0272	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,742.99	299.64
11 41 23 00-0273		208/230 Volt, 3 Phase *(11 41 23 00-0266)*		
		Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0274	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,907.44	174.79
11 41 23 00-0275	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,229.23	199.76
11 41 23 00-0276	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,066.25	224.73
11 41 23 00-0277	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,920.06	249.70
11 41 23 00-0278	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,477.84	299.64
11 41 23 00-0279	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	12,338.57	349.57
11 41 23 00-0280	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	13,044.23	449.45
11 41 23 00-0281	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	18,328.29	524.37
11 41 23 00-0282		Walk-In Refrigerated Boxes Accessories *(11 41 23)*		
11 41 23 00-0283		Accessories *(11 41 23 00-0282)*		
11 41 23 00-0284	EA	Super Door Package, For 36" Or 42" Door	623.05	
		Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.		
11 41 23 00-0285	EA	Super Door Package, For 48" Door	820.57	
		Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.		
11 41 23 00-0286	EA	Super Door Package, For 60" Door	820.57	
		Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.		
11 41 23 00-0287	EA	14" x 24" Observation Window, Heated	904.45	
11 41 23 00-0288	EA	Heated Air Vent, Kason	355.79	
11 41 23 00-0289	EA	Heated Air Vent, Bally Polyvinyl Chloride (PVC)	779.04	
11 41 23 00-0290	EA	Interior Ramps For 36" Or 42" Wide Doors	1,094.15	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0291	EA	Interior Ramps For 48" Wide Doors	1,193.43	
11 41 23 00-0292	EA	Interior Ramps For 60" Wide Doors	1,308.39	
11 41 23 00-0293	EA	Exterior Ramps For 36" Or 42" Wide Doors	460.84	
11 41 23 00-0294	EA	Exterior Ramps For 48" Wide Doors	820.34	
11 41 23 00-0295	EA	Exterior Ramps For 60" Wide Doors	820.34	
11 41 23 00-0296	EA	Field Installed Extra Vapor-Proof Lights	120.95	
11 41 23 00-0297	EA	Field Installed Fluorescent Lights, 48", 2 Tubes	494.04	
11 41 23 00-0298	EA	Alarm With Digital Thermostat Modularm 75 With Adjustable Setting (Flush Mounted)	1,068.83	
11 41 23 00-0299	EA	Alarm With Digital Thermostat Modularm 75B (Battery Backup) (Flush Mounted)	1,122.13	
11 41 23 00-0300	EA	Alarm With Digital Thermostat National TM100 With Adjustable Setting (Flush Mounted)	546.29	
11 41 23 00-0301	EA	Locking Devices, 36" Or 42" Wide Locking Bar	317.42	
11 41 23 00-0302	EA	Locking Devices, 48" Wide Locking Bar	359.23	
11 41 23 00-0303	EA	Locking Devices, 60" Wide Locking Bar	359.23	
11 41 23 00-0304	EA	Locking Devices, Mortise Dead Bolt (Cooler)	622.58	
11 41 23 00-0305	EA	Locking Devices, Mortise Dead Bolt (Freezer)	760.53	
11 41 23 00-0306	EA	Blast Freezer Kit, For 36" Or 42" Wide Doors	1,223.74	
11 41 23 00-0307	EA	Blast Freezer Kit, For 48" Wide Doors	1,290.63	
11 41 23 00-0308	EA	Blast Freezer Kit, For 60" Wide Doors	1,326.16	
11 41 23 00-0309	EA	Hardware Options, Polished For 36" Or 42" Door	57.48	
11 41 23 00-0310	EA	Hardware Options, Polished For 48" Or 60" Door	47.03	
11 41 23 00-0311	EA	Hardware Options, Chrome For 36" Or 42" Door	145.27	
11 41 23 00-0312	EA	Hardware Options, Chrome For 48" Or 60" Door	78.38	
11 41 23 00-0313	EA	Hardware Options, Positive Latch, 36" Or 42" Door	192.54	
11 41 23 00-0314	EA	Hardware Options, Strap Hinges, 36" Or 42" Door	142.38	
11 41 23 00-0315	EA	4" Screed Door	399.68	
11 41 23 00-0316	EA	Doors Cut For Tile	474.93	
11 41 23 00-0317	EA	84" High Doors (36" Wide)	474.93	
11 41 23 00-0318	EA	Doors Raised Or Lowered In Panel	1,027.77	
11 41 23 00-0319	EA	57-1/2" Door Section	319.21	
11 41 23 00-0320	EA	3 Way, Interior And Exterior, Light Switches	259.94	
11 41 23 00-0321	EA	3 Way (1 Side Only) Light Switch	132.51	
11 41 23 00-0322	EA	Structural Support, 5" Reinforcing Ceilings (Every 23")	233.56	
11 41 23 00-0323	EA	Structural Support, 6" Reinforcing Ceilings (Every 23")	292.08	
11 41 23 00-0324	LF	Structural Support, Self-Supporting Standard Angle	31.64	
11 41 23 00-0325	LF	Structural Support, Self-Supporting 6" Channel	40.26	
11 41 23 00-0326	LF	Structural Support, Self-Supporting 8" Channel	57.24	
11 41 23 00-0327	LF	Structural Support, Self-Supporting 10" Channel	89.90	
11 41 23 00-0328	LF	Structural Support, Suspended Ceiling Support	17.51	
11 41 23 00-0329	LF	Factory Prepared Opening, Foam Cut Opening	8.17	
11 41 23 00-0330	LF	Factory Prepared Opening, Metal Capped Opening	18.29	
11 41 23 00-0331	LF	Factory Prepared Opening, Wood Framed Opening	16.48	
11 41 23 00-0332	LF	Factory Prepared Opening, Metal Capped Wood Framed Opening	28.22	
11 41 23 00-0333	LF	Factory Prepared Opening, Opening For Glass Doors (Doors Provided By Others, No Charge For Opening When Glass Door Purchased Through Manufacturer)	105.13	
11 41 23 00-0334	SF	Outdoor Weather Roofs, Aluminum Roof Caps	38.47	
11 41 23 00-0335	SF	Outdoor Weather Roofs, Membrane Roof Caps	5.75	
11 41 23 00-0336	SF	Outdoor Weather Roofs, Painted Aluminum Roofs	47.78	
11 41 23 00-0337	SF	1/8" Aluminum Tread Plate	91.11	
11 41 23 00-0338	SF	3/16" Aluminum Tread Plate	111.36	
11 41 23 00-0339	EA	Digitemp Display Thermometer (Indoor Exterior Wall)	246.42	
11 41 23 00-0340	EA	4-1/2" Dial Type Thermometer With 5' Cap Tube	222.38	
11 41 23 00-0341	EA	6" Dial Type Thermometer With 5' Cap Tube	693.71	
11 41 23 00-0342	EA	2" Dial Type Thermometer (Standard)	84.43	
11 41 23 00-0343	LF	Extra Capillary Tubing	9.50	

11 41 23 00-0344 Partition Wall For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

Note: Includes 36" x 78" door. Sizes listed as 7'-2"/7'-6" are for either 7'-2" or 7'-6" high refrigerated boxes. Sizes listed as 8'-2"/8'-6" are for either 8'-2" or 8'-6" high refrigerated boxes.

11 41 23 00-0345	EA	5'-10" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,479.92	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*118.93*	
11 41 23 00-0346	EA	6'-9-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,700.28	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*129.69*	
11 41 23 00-0347	EA	7'-9" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,778.49	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*133.35*	
11 41 23 00-0348	EA	8'-8-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,003.03	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*144.33*	
11 41 23 00-0349	EA	9'-8" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,943.30	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*141.09*	
11 41 23 00-0350	EA	10'-7-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,162.61	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*151.80*	
11 41 23 00-0351	EA	11'-7" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,230.38	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*154.93*	
11 41 23 00-0352	EA	12'-6-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,541.65	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*170.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0353	EA	13'-6" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,406.68	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*163.24*	
11 41 23 00-0354	EA	14'-5-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,627.04	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*174.01*	
11 41 23 00-0355	EA	15'-5" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,710.48	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*177.92*	
11 41 23 00-0356	EA	16'-4-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,931.88	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*188.74*	
11 41 23 00-0357	EA	17'-4" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	4,524.40	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*218.11*	
11 41 23 00-0358	EA	5'-10" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	2,703.57	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*130.11*	
11 41 23 00-0359	EA	6'-9-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	2,890.48	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*139.20*	
11 41 23 00-0360	EA	7'-9" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	2,982.28	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*143.54*	
11 41 23 00-0361	EA	8'-8-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,230.85	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*155.72*	
11 41 23 00-0362	EA	9'-8" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,158.59	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*151.85*	
11 41 23 00-0363	EA	10'-7-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,406.12	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*163.97*	
11 41 23 00-0364	EA	11'-7" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,498.96	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*168.36*	
11 41 23 00-0365	EA	12'-6-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,746.49	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*180.48*	
11 41 23 00-0366	EA	13'-6" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,674.22	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*176.62*	
11 41 23 00-0367	EA	14'-5-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,921.75	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*188.74*	
11 41 23 00-0368	EA	15'-5" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	4,014.60	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*193.13*	
11 41 23 00-0369	EA	16'-4-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	4,262.12	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*205.25*	
11 41 23 00-0370	EA	17'-4" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	4,189.85	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*201.39*	

11 41 23 00-0371 Glass Doors For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

Note: Factory installed, includes lights and 5 tier shelves.

11 41 23 00-0372	EA	23" x 67" Glass Door, Displayrite, Coolrite Model	1,037.76
11 41 23 00-0373	EA	23" x 73" Glass Door, Displayrite, Coolrite Model	1,133.91
11 41 23 00-0374	EA	30" x 67" Glass Door, Displayrite, Coolrite Model	1,143.31
11 41 23 00-0375	EA	30" x 73" Glass Door, Displayrite, Coolrite Model	1,264.54
11 41 23 00-0376	EA	23" x 67" Glass Door, Displayrite, Freezerite Model	1,387.86
11 41 23 00-0377	EA	23" x 73" Glass Door, Displayrite, Freezerite Model	1,475.65
11 41 23 00-0378	EA	30" x 67" Glass Door, Displayrite, Freezerite Model	1,480.87
11 41 23 00-0379	EA	30" x 73" Glass Door, Displayrite, Freezerite Model	1,723.33
11 41 23 00-0380	EA	24" x 67" Glass Door, Anthony Model 101	1,410.85
11 41 23 00-0381	EA	26" x 67" Glass Door, Anthony Model 101	1,747.37
11 41 23 00-0382	EA	30" x 67" Glass Door, Anthony Model 101	1,865.46
11 41 23 00-0383	EA	30x75 Glass Door, Anthony Model 101	1,905.17
11 41 23 00-0384	EA	24" x 67" Glass Door, Anthony Model 101	2,148.67
11 41 23 00-0385	EA	26" x 67" Glass Door, Anthony Model 101	2,384.86
11 41 23 00-0386	EA	30" x 67" Glass Door, Anthony Model 101	2,428.75
11 41 23 00-0387	EA	30" x 75" Glass Door, Anthony Model 101	2,590.74
11 41 23 00-0388	EA	23" x 67" Glass Door, Anthony Model 401	1,114.05
11 41 23 00-0389	EA	26-3/4" x 67" Glass Door, Anthony Model 401	1,173.62
11 41 23 00-0390	EA	30-1/4" x 67" Glass Door, Anthony Model 401	1,578.06
11 41 23 00-0391	EA	30-1/4" x 75" Glass Door, Anthony Model 401	1,353.37
11 41 23 00-0392	EA	23" x 67" Glass Door, Anthony Model 401	1,502.82
11 41 23 00-0393	EA	26-3/4" x 67" Glass Door, Anthony Model 401	1,572.84
11 41 23 00-0394	EA	30-1/4" x 67" Glass Door, Anthony Model 401	1,578.06
11 41 23 00-0395	EA	30-1/4" x 75" Glass Door, Anthony Model 401	1,879.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0396		Modular Wire Shelving For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*		
11 41 23 00-0397	EA	14" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	397.89	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0398	EA	14" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	419.67	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0399	EA	14" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	466.54	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0400	EA	14" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	492.51	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0401	EA	14" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	536.08	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0402	EA	18" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	457.30	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0403	EA	18" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	469.67	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0404	EA	18" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	517.59	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0405	EA	18" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	541.46	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0406	EA	18" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	617.44	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0407	EA	21" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	497.89	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0408	EA	21" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	505.05	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0409	EA	21" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	573.86	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0410	EA	21" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	578.93	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0411	EA	21" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	665.35	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0412	EA	14" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	343.55	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0413	EA	14" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	361.15	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0414	EA	14" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	395.47	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0415	EA	14" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	404.72	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0416	EA	14" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	460.84	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0417	EA	18" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	377.87	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0418	EA	18" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	404.88	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0419	EA	18" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	428.76	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0420	EA	18" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	435.91	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0421	EA	18" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	511.89	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0422	EA	21" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	414.28	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0423	EA	21" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	430.85	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0424	EA	21" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	462.04	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0425	EA	21" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	479.65	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0426	EA	21" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	557.71	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0427	EA	14" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,799.58	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0428	EA	14" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,007.82	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0429	EA	14" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,047.92	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0430	EA	14" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,088.02	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0431	EA	14" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,525.54	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0432	EA	18" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,888.72	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0433	EA	18" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,005.88	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0434	EA	18" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,221.14	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0435	EA	18" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,310.28	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0436	EA	18" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,824.88	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0437	EA	21" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,040.91	
		For Cantilever Shelving, Add	*402.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0438	EA	21" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,228.15	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0439	EA	21" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,443.40	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0440	EA	21" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,532.54	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0441	EA	21" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,215.29	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0442	EA	14" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	469.52	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0443	EA	14" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	505.93	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0444	EA	14" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	547.58	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0445	EA	14" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	586.09	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0446	EA	14" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	635.93	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0447	EA	18" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	552.96	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0448	EA	18" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	567.43	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0449	EA	18" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	624.76	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0450	EA	18" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	654.90	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0451	EA	18" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	746.55	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0452	EA	21" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	601.92	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0453	EA	21" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	621.62	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0454	EA	21" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	686.25	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0455	EA	21" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	701.77	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0456	EA	21" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	803.88	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0457	EA	14" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	403.68	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0458	EA	14" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	424.41	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0459	EA	14" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	466.06	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0460	EA	14" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	476.36	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0461	EA	14" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	543.97	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0462	EA	18" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	454.72	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0463	EA	18" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	485.92	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0464	EA	18" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	551.60	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0465	EA	18" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	548.30	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0466	EA	18" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	612.79	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0467	EA	21" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	498.46	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0468	EA	21" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	518.16	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0469	EA	21" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	556.66	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0470	EA	21" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	576.36	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0471	EA	21" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	672.20	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0472	EA	14" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,196.62	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0473	EA	14" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,455.66	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0474	EA	14" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,504.52	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0475	EA	14" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,553.38	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0476	EA	14" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,097.74	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0477	EA	18" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,306.77	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0478	EA	18" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,451.97	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0479	EA	18" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,719.78	
		For Cantilever Shelving, Add	*472.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0480	EA	18" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,829.94	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0481	EA	18" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,470.65	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0482	EA	21" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,495.76	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0483	EA	21" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,728.54	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0484	EA	21" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,996.34	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0485	EA	21" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,106.50	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0486	EA	21" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,957.41	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0487		Replace Insulated Wall For Walk-In Refrigerated Boxes *(11 41 23)*		
11 41 23 00-0488	SF	Removal And Replacement Of Galvalume Insulated Freezer Wall Panels	31.45	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*1.01*	
11 41 23 00-0489	SF	Removal and Replacement Of Galvalume Insulated Freezer Ceiling Panels	33.70	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*1.01*	
11 41 31		**Non-Refrigerated Storage Equipment** *(11 41)*		
11 41 31 00-0001		Wall Cabinets *(11 41 31)*		
11 41 31 00-0002	EA	48" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	2,385.62	78.47
11 41 31 00-0003	EA	72" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	3,147.78	103.60
11 41 31 00-0004	EA	72" Wall Cabinet With Hinged Doors Note: 15" deep and 24" high.	3,613.02	118.77
11 41 31 00-0005	EA	72" Wall Cabinet With Open Shelves. Note: 15" deep and 24" high.	2,312.35	75.76
11 41 31 00-0006		Mobile Sheet Pan Truck *(11 41 31)*		
11 41 31 00-0007	EA	2 Level Mobile Sheet Pan Truck	223.03	6.79
11 41 31 00-0008		Pot And Utensil Rack *(11 41 31)*		
11 41 31 00-0009	EA	70" Bench Type Pot And Utensil Rack	650.56	20.71
11 41 31 00-0010	EA	94" Bench Type Pot And Utensil Rack	754.05	23.40
11 41 31 00-0011	EA	94" Ceiling Type Pot And Utensil Rack	896.45	28.04
11 41 31 00-0012	EA	96" Wall Type Pot And Utensil Rack	487.50	15.31
11 41 31 00-0013		Tray And Silverware Cart *(11 41 31)*		
11 41 31 00-0014	EA	33" x 22-1/2" x 42" Tray And Silverware Cart	2,250.39	69.88
11 41 31 00-0015		Flat Top Utility Units *(11 41 31)*		
11 41 31 00-0016	EA	39" x 28-1/2" x 35-3/8" Flat Top Utility Units	1,534.31	47.77
11 41 31 00-0017	EA	79-1/2" x 28-1/2" x 35-3/8" Flat Top Utility Units	2,056.10	63.84
11 41 33		**Foodservice Shelving** *(11 41)*		
11 41 33 00-0001		Shelving/Racks *(11 41 33)*		
11 41 33 00-0002		Chrome Shelving Units *(11 41 33 00-0001)*		
11 41 33 00-0003		54" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0004	EA	14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	354.32	36.06
11 41 33 00-0005	EA	14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	374.46	36.36
11 41 33 00-0006	EA	14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	399.47	36.65
11 41 33 00-0007	EA	14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	414.87	36.96
11 41 33 00-0008	EA	14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	444.60	37.26
11 41 33 00-0009	EA	14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	469.71	37.55
11 41 33 00-0010	EA	14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	489.85	37.85
11 41 33 00-0011	EA	14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	535.00	38.45
11 41 33 00-0012	EA	18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	388.89	36.36
11 41 33 00-0013	EA	18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	404.29	36.65
11 41 33 00-0014	EA	18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	419.71	36.96
11 41 33 00-0015	EA	18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	463.97	37.26
11 41 33 00-0016	EA	18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	493.80	37.55
11 41 33 00-0017	EA	18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	533.21	37.85
11 41 33 00-0018	EA	18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	548.52	38.15
11 41 33 00-0019	EA	18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	603.45	38.74
11 41 33 00-0020	EA	21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	409.13	36.65
11 41 33 00-0021	EA	21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	443.71	36.96
11 41 33 00-0022	EA	21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	468.81	37.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0023	EA	21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	498.55	37.55
11 41 33 00-0024	EA	21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	518.78	37.85
11 41 33 00-0025	EA	21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	567.89	38.15
11 41 33 00-0026	EA	21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	592.87	38.45
11 41 33 00-0027	EA	21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	657.38	39.04
11 41 33 00-0028	EA	24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	453.49	36.96
11 41 33 00-0029	EA	24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	473.65	37.26
11 41 33 00-0030	EA	24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	488.96	37.55
11 41 33 00-0031	EA	24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	528.47	37.85
11 41 33 00-0032	EA	24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	553.46	38.15
11 41 33 00-0033	EA	24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	602.56	38.45
11 41 33 00-0034	EA	24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	637.12	38.74
11 41 33 00-0035	EA	24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	720.98	39.34
11 41 33 00-0036	EA	30" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	608.66	37.26
11 41 33 00-0037	EA	30" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	686.58	37.55
11 41 33 00-0038	EA	30" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	735.77	37.85
11 41 33 00-0039	EA	30" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	847.59	38.15
11 41 33 00-0040	EA	36" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	674.85	38.45
11 41 33 00-0041	EA	36" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	748.14	38.74
11 41 33 00-0042	EA	36" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	840.52	39.04
11 41 33 00-0043	EA	36" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	990.05	39.63
11 41 33 00-0044		**63" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0045	EA	14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	359.07	36.06
11 41 33 00-0046	EA	14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	379.21	36.36
11 41 33 00-0047	EA	14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	404.19	36.65
11 41 33 00-0048	EA	14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	419.62	36.96
11 41 33 00-0049	EA	14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	449.34	37.26
11 41 33 00-0050	EA	14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	474.43	37.55
11 41 33 00-0051	EA	14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	494.59	37.85
11 41 33 00-0052	EA	14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	539.72	38.45
11 41 33 00-0053	EA	18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	393.61	36.36
11 41 33 00-0054	EA	18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	409.03	36.65
11 41 33 00-0055	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	424.46	36.96
11 41 33 00-0056	EA	18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	468.69	37.26
11 41 33 00-0057	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	498.55	37.55
11 41 33 00-0058	EA	18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	537.93	37.85
11 41 33 00-0059	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	553.26	38.15
11 41 33 00-0060	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	561.33	38.74
11 41 33 00-0061	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	413.87	36.65
11 41 33 00-0062	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	448.45	36.96
11 41 33 00-0063	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	473.53	37.26
11 41 33 00-0064	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	503.27	37.55
11 41 33 00-0065	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	523.53	37.85
11 41 33 00-0066	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	572.61	38.15
11 41 33 00-0067	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	597.61	38.45
11 41 33 00-0068	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	662.13	39.04
11 41 33 00-0069	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	458.23	36.96
11 41 33 00-0070	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	478.37	37.26
11 41 33 00-0071	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	493.70	37.55
11 41 33 00-0072	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	533.21	37.85
11 41 33 00-0073	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	558.20	38.15
11 41 33 00-0074	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	607.28	38.45
11 41 33 00-0075	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	641.84	38.74
11 41 33 00-0076	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	725.73	39.34
11 41 33 00-0077	EA	30" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	613.38	37.26
11 41 33 00-0078	EA	30" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	691.32	37.55
11 41 33 00-0079	EA	30" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	740.49	37.85
11 41 33 00-0080	EA	30" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	852.31	38.15
11 41 33 00-0081	EA	36" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	679.57	38.45
11 41 33 00-0082	EA	36" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	752.86	38.74
11 41 33 00-0083	EA	36" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	845.32	39.04
11 41 33 00-0084	EA	36" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	994.77	39.63
11 41 33 00-0085		**66" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0086	EA	14" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	361.54	36.06
11 41 33 00-0087	EA	14" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	381.68	36.36
11 41 33 00-0088	EA	14" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	406.66	36.65
11 41 33 00-0089	EA	14" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	422.09	36.96
11 41 33 00-0090	EA	14" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	451.81	37.26
11 41 33 00-0091	EA	14" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	476.90	37.55
11 41 33 00-0092	EA	14" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	497.06	37.85
11 41 33 00-0093	EA	14" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	542.19	38.45
11 41 33 00-0094	EA	18" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	396.11	36.36
11 41 33 00-0095	EA	18" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	411.50	36.65
11 41 33 00-0096	EA	18" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	426.93	36.96
11 41 33 00-0097	EA	18" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	471.18	37.26
11 41 33 00-0098	EA	18" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	501.02	37.55
11 41 33 00-0099	EA	18" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	540.40	37.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0100	EA	18" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	555.73	38.15
11 41 33 00-0101	EA	18" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	610.66	38.74
11 41 33 00-0102	EA	21" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	416.34	36.65
11 41 33 00-0103	EA	21" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	450.92	36.96
11 41 33 00-0104	EA	21" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	476.00	37.26
11 41 33 00-0105	EA	21" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	505.74	37.55
11 41 33 00-0106	EA	21" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	526.00	37.85
11 41 33 00-0107	EA	21" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	575.08	38.15
11 41 33 00-0108	EA	21" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	600.09	38.45
11 41 33 00-0109	EA	21" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	664.60	39.04
11 41 33 00-0110	EA	24" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	460.70	36.96
11 41 33 00-0111	EA	24" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	480.84	37.26
11 41 33 00-0112	EA	24" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	496.17	37.55
11 41 33 00-0113	EA	24" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	535.68	37.85
11 41 33 00-0114	EA	24" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	560.67	38.15
11 41 33 00-0115	EA	24" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	609.77	38.45
11 41 33 00-0116	EA	24" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	644.31	38.74
11 41 33 00-0117	EA	24" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	728.20	39.34
11 41 33 00-0118	EA	30" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	615.85	37.26
11 41 33 00-0119	EA	30" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	693.79	37.55
11 41 33 00-0120	EA	30" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	742.99	37.85
11 41 33 00-0121	EA	30" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	854.78	38.15
11 41 33 00-0122	EA	36" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	682.04	38.45
11 41 33 00-0123	EA	36" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	755.33	38.74
11 41 33 00-0124	EA	36" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	847.76	39.04
11 41 33 00-0125	EA	36" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	997.24	39.63
11 41 33 00-0126		74" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0127	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	368.73	36.06
11 41 33 00-0128	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	388.89	36.36
11 41 33 00-0129	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	413.87	36.65
11 41 33 00-0130	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	429.30	36.96
11 41 33 00-0131	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	459.03	37.26
11 41 33 00-0132	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	484.12	37.55
11 41 33 00-0133	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	504.28	37.85
11 41 33 00-0134	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	549.41	38.45
11 41 33 00-0135	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	403.30	36.36
11 41 33 00-0136	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	418.72	36.65
11 41 33 00-0137	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	434.14	36.96
11 41 33 00-0138	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	478.37	37.26
11 41 33 00-0139	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	508.21	37.55
11 41 33 00-0140	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	547.62	37.85
11 41 33 00-0141	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	562.95	38.15
11 41 33 00-0142	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	617.85	38.74
11 41 33 00-0143	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	423.56	36.65
11 41 33 00-0144	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	458.14	36.96
11 41 33 00-0145	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	483.22	37.26
11 41 33 00-0146	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	512.95	37.55
11 41 33 00-0147	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	533.21	37.85
11 41 33 00-0148	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	582.29	38.15
11 41 33 00-0149	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	607.28	38.45
11 41 33 00-0150	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	671.81	39.04
11 41 33 00-0151	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	467.92	36.96
11 41 33 00-0152	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	488.06	37.26
11 41 33 00-0153	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	503.39	37.55
11 41 33 00-0154	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	542.87	37.85
11 41 33 00-0155	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	567.89	38.15
11 41 33 00-0156	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	616.96	38.45
11 41 33 00-0157	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	651.53	38.74
11 41 33 00-0158	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	735.41	39.34
11 41 33 00-0159	EA	30" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	623.07	37.26
11 41 33 00-0160	EA	30" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	701.01	37.55
11 41 33 00-0161	EA	30" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	750.18	37.85
11 41 33 00-0162	EA	30" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	862.00	38.15
11 41 33 00-0163	EA	36" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	689.26	38.45
11 41 33 00-0164	EA	36" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	762.54	38.74
11 41 33 00-0165	EA	36" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	855.00	39.04
11 41 33 00-0166	EA	36" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	1,004.46	39.63
11 41 33 00-0167		86" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0168	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	388.00	36.06
11 41 33 00-0169	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	408.14	36.36
11 41 33 00-0170	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	433.12	36.65
11 41 33 00-0171	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	448.55	36.96
11 41 33 00-0172	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	478.28	37.26
11 41 33 00-0173	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	503.39	37.55
11 41 33 00-0174	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	523.53	37.85
11 41 33 00-0175	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	568.68	38.45
11 41 33 00-0176	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	422.57	36.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0177	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	437.96	36.65
11 41 33 00-0178	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	453.39	36.96
11 41 33 00-0179	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	497.65	37.26
11 41 33 00-0180	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	527.48	37.55
11 41 33 00-0181	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	566.89	37.85
11 41 33 00-0182	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	582.20	38.15
11 41 33 00-0183	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	637.12	38.74
11 41 33 00-0184	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	442.81	36.65
11 41 33 00-0185	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	477.39	36.96
11 41 33 00-0186	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	502.49	37.26
11 41 33 00-0187	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	532.20	37.55
11 41 33 00-0188	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	552.46	37.85
11 41 33 00-0189	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	601.57	38.15
11 41 33 00-0190	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	626.55	38.45
11 41 33 00-0191	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	691.06	39.04
11 41 33 00-0192	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	487.17	36.96
11 41 33 00-0193	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	507.31	37.26
11 41 33 00-0194	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	522.64	37.55
11 41 33 00-0195	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	562.15	37.85
11 41 33 00-0196	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	587.14	38.15
11 41 33 00-0197	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	636.23	38.45
11 41 33 00-0198	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	670.78	38.74
11 41 33 00-0199	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	754.66	39.34
11 41 33 00-0200	EA	30" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	642.32	37.26
11 41 33 00-0201	EA	30" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	720.26	37.55
11 41 33 00-0202	EA	30" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	769.45	37.85
11 41 33 00-0203	EA	30" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	881.24	38.15
11 41 33 00-0204	EA	36" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	708.51	38.45
11 41 33 00-0205	EA	36" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	781.79	38.74
11 41 33 00-0206	EA	36" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	874.27	39.04
11 41 33 00-0207	EA	36" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	1,023.71	39.63
11 41 33 00-0208		96" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0209	EA	14" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	459.13	36.06
11 41 33 00-0210	EA	14" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	484.08	36.36
11 41 33 00-0211	EA	14" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	515.10	36.65
11 41 33 00-0212	EA	14" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	534.15	36.96
11 41 33 00-0213	EA	14" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	571.09	37.26
11 41 33 00-0214	EA	14" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	602.25	37.55
11 41 33 00-0215	EA	14" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	627.20	37.85
11 41 33 00-0216	EA	14" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	683.19	38.45
11 41 33 00-0217	EA	18" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	502.11	36.36
11 41 33 00-0218	EA	18" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	521.15	36.65
11 41 33 00-0219	EA	18" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	540.19	36.96
11 41 33 00-0220	EA	18" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	595.28	37.26
11 41 33 00-0221	EA	18" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	632.36	37.55
11 41 33 00-0222	EA	18" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	681.40	37.85
11 41 33 00-0223	EA	18" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	700.30	38.15
11 41 33 00-0224	EA	18" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	768.51	38.74
11 41 33 00-0225	EA	21" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	527.21	36.65
11 41 33 00-0226	EA	21" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	570.20	36.96
11 41 33 00-0227	EA	21" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	601.35	37.26
11 41 33 00-0228	EA	21" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	638.27	37.55
11 41 33 00-0229	EA	21" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	663.38	37.85
11 41 33 00-0230	EA	21" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	724.52	38.15
11 41 33 00-0231	EA	21" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	755.54	38.45
11 41 33 00-0232	EA	21" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	835.73	39.04
11 41 33 00-0233	EA	24" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	582.43	36.96
11 41 33 00-0234	EA	24" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	607.39	37.26
11 41 33 00-0235	EA	24" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	626.31	37.55
11 41 33 00-0236	EA	24" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	675.48	37.85
11 41 33 00-0237	EA	24" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	706.49	38.15
11 41 33 00-0238	EA	24" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	767.62	38.45
11 41 33 00-0239	EA	24" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	810.60	38.74
11 41 33 00-0240	EA	24" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	915.01	39.34
11 41 33 00-0241	EA	30" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	776.15	37.26
11 41 33 00-0242	EA	30" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	873.34	37.55
11 41 33 00-0243	EA	30" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	934.59	37.85
11 41 33 00-0244	EA	30" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	1,074.15	38.15
11 41 33 00-0245	EA	36" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	857.99	38.45
11 41 33 00-0246	EA	36" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	949.38	38.74
11 41 33 00-0247	EA	36" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	1,064.73	39.04
11 41 33 00-0248	EA	36" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	1,251.09	39.63
11 41 33 00-0249		Galvanized Shelving Units *(11 41 33 00-0001)*		
11 41 33 00-0250		54" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0251	EA	14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	403.45	36.06
11 41 33 00-0252	EA	14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	425.01	36.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0253	EA	14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	451.84	36.65
11 41 33 00-0254	EA	14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	473.41	36.96
11 41 33 00-0255	EA	14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	505.42	37.26
11 41 33 00-0256	EA	14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	532.15	37.55
11 41 33 00-0257	EA	14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	558.98	37.85
11 41 33 00-0258	EA	14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	602.10	38.45
11 41 33 00-0259	EA	18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	440.52	36.36
11 41 33 00-0260	EA	18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	457.02	36.65
11 41 33 00-0261	EA	18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	488.92	36.96
11 41 33 00-0262	EA	18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	526.09	37.26
11 41 33 00-0263	EA	18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	558.09	37.55
11 41 33 00-0264	EA	18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	600.31	37.85
11 41 33 00-0265	EA	18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	632.34	38.15
11 41 33 00-0266	EA	18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	680.80	38.74
11 41 33 00-0267	EA	21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	462.18	36.65
11 41 33 00-0268	EA	21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	504.53	36.96
11 41 33 00-0269	EA	21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	531.25	37.26
11 41 33 00-0270	EA	21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	563.27	37.55
11 41 33 00-0271	EA	21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	584.83	37.85
11 41 33 00-0272	EA	21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	642.67	38.15
11 41 33 00-0273	EA	21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	669.50	38.45
11 41 33 00-0274	EA	21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	748.92	39.04
11 41 33 00-0275	EA	24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	514.87	36.96
11 41 33 00-0276	EA	24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	536.42	37.26
11 41 33 00-0277	EA	24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	552.94	37.55
11 41 33 00-0278	EA	24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	595.16	37.85
11 41 33 00-0279	EA	24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	642.67	38.15
11 41 33 00-0280	EA	24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	695.33	38.45
11 41 33 00-0281	EA	24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	737.67	38.74
11 41 33 00-0282	EA	24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	832.69	39.34
11 41 33 00-0283		63" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0284	EA	14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	413.79	36.06
11 41 33 00-0285	EA	14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	435.34	36.36
11 41 33 00-0286	EA	14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	462.18	36.65
11 41 33 00-0287	EA	14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	483.74	36.96
11 41 33 00-0288	EA	14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	515.76	37.26
11 41 33 00-0289	EA	14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	542.48	37.55
11 41 33 00-0290	EA	14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	569.31	37.85
11 41 33 00-0291	EA	14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	612.44	38.45
11 41 33 00-0292	EA	18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	450.86	36.36
11 41 33 00-0293	EA	18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	467.36	36.65
11 41 33 00-0294	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	499.26	36.96
11 41 33 00-0295	EA	18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	536.42	37.26
11 41 33 00-0296	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	568.42	37.55
11 41 33 00-0297	EA	18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	610.65	37.85
11 41 33 00-0298	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	642.67	38.15
11 41 33 00-0299	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	691.06	38.74
11 41 33 00-0300	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	472.51	36.65
11 41 33 00-0301	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	514.87	36.96
11 41 33 00-0302	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	541.58	37.26
11 41 33 00-0303	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	573.60	37.55
11 41 33 00-0304	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	595.16	37.85
11 41 33 00-0305	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	653.00	38.15
11 41 33 00-0306	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	679.84	38.45
11 41 33 00-0307	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	759.25	39.04
11 41 33 00-0308	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	525.20	36.96
11 41 33 00-0309	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	546.76	37.26
11 41 33 00-0310	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	563.27	37.55
11 41 33 00-0311	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	605.49	37.85
11 41 33 00-0312	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	653.00	38.15
11 41 33 00-0313	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	705.66	38.45
11 41 33 00-0314	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	748.01	38.74
11 41 33 00-0315	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	843.03	39.34
11 41 33 00-0316		74" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0317	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	424.12	36.06
11 41 33 00-0318	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	445.68	36.36
11 41 33 00-0319	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	472.51	36.65
11 41 33 00-0320	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	494.08	36.96
11 41 33 00-0321	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	526.09	37.26
11 41 33 00-0322	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	552.81	37.55
11 41 33 00-0323	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	579.65	37.85
11 41 33 00-0324	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	622.77	38.45
11 41 33 00-0325	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	461.19	36.36
11 41 33 00-0326	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	477.69	36.65
11 41 33 00-0327	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	509.59	36.96
11 41 33 00-0328	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	546.76	37.26
11 41 33 00-0329	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	578.76	37.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0330	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	620.98	37.85
11 41 33 00-0331	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	653.00	38.15
11 41 33 00-0332	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	701.39	38.74
11 41 33 00-0333	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	482.84	36.65
11 41 33 00-0334	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	525.20	36.96
11 41 33 00-0335	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	551.91	37.26
11 41 33 00-0336	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	583.94	37.55
11 41 33 00-0337	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	605.49	37.85
11 41 33 00-0338	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	663.34	38.15
11 41 33 00-0339	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	690.17	38.45
11 41 33 00-0340	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	769.58	39.04
11 41 33 00-0341	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	535.53	36.96
11 41 33 00-0342	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	557.09	37.26
11 41 33 00-0343	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	573.60	37.55
11 41 33 00-0344	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	615.83	37.85
11 41 33 00-0345	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	663.34	38.15
11 41 33 00-0346	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	715.99	38.45
11 41 33 00-0347	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	758.34	38.74
11 41 33 00-0348	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	853.36	39.34
11 41 33 00-0349		**86" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0350	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	450.06	36.06
11 41 33 00-0351	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	471.62	36.36
11 41 33 00-0352	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	498.46	36.65
11 41 33 00-0353	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	520.02	36.96
11 41 33 00-0354	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	552.04	37.26
11 41 33 00-0355	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	578.76	37.55
11 41 33 00-0356	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	605.59	37.85
11 41 33 00-0357	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	648.71	38.45
11 41 33 00-0358	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	487.13	36.36
11 41 33 00-0359	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	503.63	36.65
11 41 33 00-0360	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	535.53	36.96
11 41 33 00-0361	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	572.70	37.26
11 41 33 00-0362	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	604.70	37.55
11 41 33 00-0363	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	646.92	37.85
11 41 33 00-0364	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	678.95	38.15
11 41 33 00-0365	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	727.34	38.74
11 41 33 00-0366	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	508.79	36.65
11 41 33 00-0367	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	551.15	36.96
11 41 33 00-0368	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	577.86	37.26
11 41 33 00-0369	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	609.88	37.55
11 41 33 00-0370	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	631.44	37.85
11 41 33 00-0371	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	689.28	38.15
11 41 33 00-0372	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	716.12	38.45
11 41 33 00-0373	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	795.53	39.04
11 41 33 00-0374	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	561.48	36.96
11 41 33 00-0375	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	583.04	37.26
11 41 33 00-0376	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	599.55	37.55
11 41 33 00-0377	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	641.77	37.85
11 41 33 00-0378	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	689.28	38.15
11 41 33 00-0379	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	741.94	38.45
11 41 33 00-0380	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	784.28	38.74
11 41 33 00-0381	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	879.30	39.34
11 41 33 00-0382		**54" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0383	EA	18" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	784.08	36.96
11 41 33 00-0384	EA	18" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	863.58	37.55
11 41 33 00-0385	EA	18" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	968.92	38.15
11 41 33 00-0386	EA	18" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	1,032.83	38.74
11 41 33 00-0387	EA	24" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	858.32	37.55
11 41 33 00-0388	EA	24" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	994.77	38.15
11 41 33 00-0389	EA	24" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	1,100.10	38.74
11 41 33 00-0390	EA	24" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	1,257.22	39.34
11 41 33 00-0391		**63" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0392	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	794.41	36.96
11 41 33 00-0393	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	873.93	37.55
11 41 33 00-0394	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	979.26	38.15
11 41 33 00-0395	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	1,043.16	38.74
11 41 33 00-0396	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	868.66	37.55
11 41 33 00-0397	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	1,005.10	38.15
11 41 33 00-0398	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	1,110.44	38.74
11 41 33 00-0399	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	1,267.56	39.34
11 41 33 00-0400		**74" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0401	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	804.74	36.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0402	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	884.27	37.55
11 41 33 00-0403	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	989.61	38.15
11 41 33 00-0404	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,053.49	38.74
11 41 33 00-0405	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	878.99	37.55
11 41 33 00-0406	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,015.44	38.15
11 41 33 00-0407	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,120.77	38.74
11 41 33 00-0408	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,277.92	39.34
11 41 33 00-0409		86" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0410	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	830.69	36.96
11 41 33 00-0411	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	910.19	37.55
11 41 33 00-0412	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,015.53	38.15
11 41 33 00-0413	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,079.44	38.74
11 41 33 00-0414	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	904.94	37.55
11 41 33 00-0415	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,041.38	38.15
11 41 33 00-0416	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,146.71	38.74
11 41 33 00-0417	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,303.84	39.34
11 41 33 00-0418		Stainless Steel Shelving Unit *(11 41 33 00-0001)*		
11 41 33 00-0419		63" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0420	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	923.82	36.96
11 41 33 00-0421	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,079.06	37.55
11 41 33 00-0422	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,275.32	38.15
11 41 33 00-0423	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,480.88	38.74
11 41 33 00-0424	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,092.09	37.55
11 41 33 00-0425	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,270.20	38.15
11 41 33 00-0426	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,503.75	38.74
11 41 33 00-0427	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,812.37	39.34
11 41 33 00-0428		74" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0429	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	956.47	36.96
11 41 33 00-0430	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,111.71	37.55
11 41 33 00-0431	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,312.62	38.15
11 41 33 00-0432	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,513.52	38.74
11 41 33 00-0433	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,124.74	37.55
11 41 33 00-0434	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,302.84	38.15
11 41 33 00-0435	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,536.39	38.74
11 41 33 00-0436	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,845.03	39.34
11 41 33 00-0437		86" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0438	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	989.11	36.96
11 41 33 00-0439	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,144.35	37.55
11 41 33 00-0440	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,345.26	38.15
11 41 33 00-0441	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,546.17	38.74
11 41 33 00-0442	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,157.38	37.55
11 41 33 00-0443	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,335.49	38.15
11 41 33 00-0444	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,569.04	38.74
11 41 33 00-0445	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,877.66	39.34
11 41 33 00-0446		63" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0447	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,679.90	36.96
11 41 33 00-0448	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,860.13	37.55
11 41 33 00-0449	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,099.59	38.15
11 41 33 00-0450	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,243.97	38.74
11 41 33 00-0451	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,018.17	37.55
11 41 33 00-0452	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,382.42	38.15
11 41 33 00-0453	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,647.91	38.74
11 41 33 00-0454	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	3,045.25	39.34
11 41 33 00-0455		74" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0456	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,731.66	36.96
11 41 33 00-0457	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,915.04	37.55
11 41 33 00-0458	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,158.74	38.15
11 41 33 00-0459	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,305.58	38.74
11 41 33 00-0460	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,069.96	37.55
11 41 33 00-0461	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,434.19	38.15
11 41 33 00-0462	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,702.60	38.74
11 41 33 00-0463	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	3,104.41	39.34
11 41 33 00-0464		86" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0465	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,783.45	36.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0466	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,965.82	37.55
11 41 33 00-0467	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,208.25	38.15
11 41 33 00-0468	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,354.40	38.74
11 41 33 00-0469	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,121.73	37.55
11 41 33 00-0470	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,485.98	38.15
11 41 33 00-0471	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,752.72	38.74
11 41 33 00-0472	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	3,151.93	39.34
11 41 33 00-0473		**Galvanized Steel Dunnage Rack** *(11 41 33 00-0001)*		
11 41 33 00-0474	EA	18" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	256.52	26.58
11 41 33 00-0475	EA	18" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	270.37	27.32
11 41 33 00-0476	EA	18" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	286.15	28.06
11 41 33 00-0477	EA	18" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	315.46	28.80
11 41 33 00-0478	EA	18" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	340.90	29.53
11 41 33 00-0479	EA	24" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	275.86	26.58
11 41 33 00-0480	EA	24" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	301.31	27.32
11 41 33 00-0481	EA	24" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	317.09	28.06
11 41 33 00-0482	EA	24" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	344.47	28.80
11 41 33 00-0483	EA	24" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	375.71	29.53
11 41 33 00-0484		**Stainless Steel Dunnage Rack** *(11 41 33 00-0001)*		
11 41 33 00-0485	EA	18" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	689.21	28.06
11 41 33 00-0486	EA	18" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	864.20	28.80
11 41 33 00-0487	EA	18" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	1,460.71	29.53
11 41 33 00-0488	EA	24" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	753.88	28.06
11 41 33 00-0489	EA	24" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	939.08	28.80
11 41 33 00-0490	EA	24" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	1,592.88	29.53
11 41 33 00-0491		**Mobile Racks** *(11 41 33 00-0001)*		
11 41 33 00-0492	EA	Mobile Rack With Pan Slide	1,924.44	44.75
11 41 33 00-0493		**Can Racks** *(11 41 33 00-0001)*		
11 41 33 00-0494	EA	27-1/4" Wide x 42" Deep x 81-1/16" High, Aluminum Frame Can Rack Note: 156 #10 cans capacity	3,875.13	44.75

11 42 Food Preparation Equipment *(11 40)*

11 42 13 Food Preparation Appliances *(11 42)*

11 42 13 00-0001		**Vertical Cutter Mixers** *(11 42 13)*		
11 42 13 00-0002	EA	Bench Type Mixers, 25 Quart	11,303.73	232.95
11 42 13 00-0003	EA	Bench Type Mixers, 40 Quart	13,064.38	258.83
11 42 13 00-0004	EA	Bench Type Mixers, 80 Quart	16,228.72	372.72
11 42 13 00-0005	EA	Bench Type Mixers, 130 Quart	18,135.45	465.90
11 42 13 00-0006		**Choppers** *(11 42 13)*		
11 42 13 00-0007	EA	Choppers, 5 LB	2,861.78	207.07
11 42 13 00-0008	EA	Choppers, 16 LB	4,196.86	269.19
11 42 13 00-0009	EA	Choppers, 35 LB - 40 LB	8,092.03	331.30
11 42 13 00-0010	EA	Choppers, 35 LB - 40 LB/Min, 2 HP	6,711.75	294.35
11 42 13 00-0011	EA	Choppers, 35 LB - 40 LB/Min, 3 HP	7,609.55	294.35
11 42 13 00-0012		**Stand Model Mixer** *(11 42 13)*		
11 42 13 00-0013	EA	10 Quart, 120 Volt, 3/4 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Avantco MX10)	1,311.63	80.02
11 42 13 00-0014	EA	20 Quart, 120 Volt, 1-1/2 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Avantco MX20)	1,641.13	80.02
11 42 13 00-0015	EA	10 Quart, 120 Volt, 1/3 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Globe SP10)	4,395.70	80.02
11 42 13 00-0016	EA	20 Quart, 240 Voltage, 1/2 HP, Gear-Driven Commercial Planetary Stand Mixer With Stainless Steel Bowl Guard (Hobart HL-200-1)	9,355.83	98.36
11 42 13 00-0017		**Floor Model Mixer** *(11 42 13)*		
11 42 13 00-0018	EA	30 Quart, 120 Voltage, 1-3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX30)	3,453.34	80.02
11 42 13 00-0019	EA	40 Quart, 240 Voltage, 2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX40)	4,789.13	88.93
11 42 13 00-0020	EA	60 Quart, 240 Voltage, 2-1/2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX60)	8,271.02	100.03
11 42 13 00-0021	EA	30 Quart, 240 Voltage, 3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-300-1)	17,795.16	98.36
11 42 13 00-0022	EA	40 Quart, 240 Voltage, 1-1/2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-400-1)	21,850.02	100.94
11 42 13 00-0023	EA	60 Quart, 220-240 Voltage, 2-3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-600-1)	27,831.52	103.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 13 00-0024	EA	80 Quart, 220-240 Voltage, 3 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL800-1)	41,103.89	129.41
11 42 13 00-0025	EA	140 Quart, 220-240 Voltage, 5 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-1400-1)	52,651.56	165.66
11 42 13 00-0026		**Slicers** *(11 42 13)*		
11 42 13 00-0027	EA	1/3 HP, 12" Manual Gravity Feed Meat Slicer (Avantco SL312)	728.38	25.01
11 42 13 00-0028	EA	1/2 HP, 12" Manual Gravity Feed Meat Slicer (Avantco SL512)	1,066.22	25.01
11 42 13 00-0029	EA	1/2 HP, 13" Medium-Duty Manual Gravity Feed Meat Slicer (Avantco SL713MAN)	1,541.08	25.01
11 42 13 00-0030	EA	1/2 HP, 12" Medium-Duty Automatic Meat Slicer With Manual Use Option (Avantco SL612A)	2,626.47	25.01
11 42 13 00-0031	EA	3/4 HP, 13" Medium-Duty Automatic Meat Slicer With Manual Use Option (Avantco SL713A)	2,897.82	25.01
11 42 13 00-0032	EA	1/2 HP, 13" Heavy-Duty Automatic Gravity Feed Meat Slicer (Hobart EDGE13A-11)	6,530.47	25.01
11 42 13 00-0033		**Peelers** *(11 42 13)*		
11 42 13 00-0034	EA	22 Lb, 120 Voltage, Potato Peeler (Sammic PI-10)	3,682.10	168.24
11 42 13 00-0035	EA	44 Lb, 120 Voltage, Potato Peeler (Sammic PI-20)	4,252.09	196.20
11 42 13 00-0036	EA	66 Lb, 120 Voltage, Potato Peeler (Sammic PI-30)	6,598.09	224.36
11 42 13 00-0037	EA	20 Lb, 115 Voltage, Potato Peeler (Hobart 6115)	5,888.12	168.24
11 42 13 00-0038	EA	40 Lb, 115 Voltage, Potato Peeler (Hobart 6430-1)	11,938.36	196.20
11 42 13 00-0039	EA	60 Lb, 115 Voltage, Potato Peeler (Hobart 6460-1)	12,715.55	224.36
11 42 13 00-0040		**Proof Boxes** *(11 42 13)*		
11 42 13 00-0041	EA	30-1/2" x 22-1/2", Stainless Steel Proof Box	3,534.16	69.88
11 42 13 00-0042	EA	30-1/2" x 45", Stainless Steel Proof Box	5,913.60	117.12
11 42 13 00-0043	EA	30-1/2" x 45", Galvanized Proof Box	3,841.18	53.17
11 42 13 00-0044		**Non-Insulated Heated Proof Cabinet** *(11 42 13)*		
11 42 13 00-0045	EA	Angle Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet	2,146.55	66.97
11 42 13 00-0046	EA	Angle Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet	2,302.72	71.60
11 42 13 00-0047	EA	Channel Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet	2,131.99	66.43
11 42 13 00-0048	EA	Channel Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet	2,259.62	70.42
11 42 13 00-0049		**Insulated Heated Proof Cabinet** *(11 42 13)*		
11 42 13 00-0050	EA	3 Spacing, 69-3/4" High Solid Door Insulated Heated Proof Cabinet	3,491.29	114.96
11 42 13 00-0051	EA	3 Spacing 69-3/4" High Sliding Door Insulated Heated Proof Cabinet	3,648.45	120.18
11 42 13 00-0052		**Pass-Thru Hot Food Holding Cabinet** *(11 42 13)*		
11 42 13 00-0053	EA	Single Section, Full Door, Pass-Thru Hot Food Holding Cabinet	7,208.22	217.42
11 42 13 00-0054	EA	Single Section, Half Door, Pass-Thru Hot Food Holding Cabinet	7,669.14	217.42
11 42 13 00-0055	EA	Two Section, Full Door, Pass-Thru Hot Food Holding Cabinet	9,793.53	227.77
11 42 13 00-0056	EA	Two Section, Half Door, Pass-Thru Hot Food Holding Cabinet	10,735.07	227.77
11 42 16		**Food Preparation Surfaces** *(11 42)*		
11 42 16 00-0001		**Tables** *(11 42 16)*		
11 42 16 00-0002		**Baker's Table** *(11 42 16 00-0001)*		
11 42 16 00-0003	EA	4' Open Base Baker's Table	873.81	51.25
11 42 16 00-0004	EA	10' Open Base Baker's Table	1,715.00	100.48
11 42 16 00-0005	EA	10' Undershelf Baker's Table	2,116.04	124.00
11 42 16 00-0006	EA	10' Three Drawers Baker's Table	2,269.54	133.15
11 42 16 00-0007	EA	10' Bins Baker's Table	3,339.09	195.95
11 42 16 00-0008	EA	10' Bins And Drawers Baker's Table	5,243.31	307.58
11 42 16 00-0009		**Preparation Table, Stainless Steel, With Undershelf** *(11 42 16 00-0001)*		
11 42 16 00-0010	EA	30" x 72" Square Edge Stainless Steel Preparation Table With Undershelf	1,294.76	27.03
11 42 16 00-0011	EA	30" x 72' Marine Edge Stainless Steel Preparation Table With Undershelf	1,393.83	32.45
11 42 16 00-0012	EA	36" x 96" Marine Edge Stainless Steel Preparation Table With Undershelf	2,109.08	44.12
11 42 16 00-0013		**Preparation Table, Stainless Steel, With Open Front** *(11 42 16 00-0001)*		
11 42 16 00-0014	EA	30" X 72" Round Edge Stainless Steel Preparation Table With Open Front	1,363.32	28.43
11 42 16 00-0015	EA	36" X 96" Round Edge Stainless Steel Preparation Table With Open Front	1,752.24	36.57
11 42 16 00-0016	EA	36" X 96" Square Edge Stainless Steel Preparation Table With Open Front	1,505.16	31.46
11 42 16 00-0017	EA	36" X 96' Marine Edge Stainless Steel Preparation Table With Open Front	1,811.73	37.88
11 42 16 00-0018	EA	Roller Utility Drawers Stainless Steel Preparation Table With Open Front	366.00	7.63
11 42 16 00-0019		**Mobile Tables** *(11 42 16 00-0001)*		
11 42 16 00-0020	EA	21-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	3,692.04	24.21
11 42 16 00-0021	EA	32-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	1,985.24	29.04
11 42 16 00-0022	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Mobile Table With Stainless Steel Top	1,560.12	32.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 16 00-0023		Hot Food Tables, Stainless Steel, Gas Or Electric *(11 42 16 00-0001)*		
11 42 16 00-0024	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Hot Food Tables	2,786.33	58.28
11 42 16 00-0025	EA	32-1/4" x 27-1/2" x 21" Stainless Steel Hot Food Tables	2,260.08	47.23
11 42 16 00-0026	EA	Full Size Pan With Cover Stainless Steel Hot Food Tables	187.58	3.92
11 42 16 00-0027	EA	Set Of Three 1/3 Size With Cover Stainless Steel Hot Food Tables	274.48	5.73
11 42 16 00-0028	EA	58-1/2", 4 Openings Stainless Steel Hot Food Tables	5,516.71	109.46
11 42 16 00-0029	EA	114-1/2", 8 Openings Stainless Steel Hot Food Tables	10,974.98	218.38
11 42 16 00-0030		Basic Table *(11 42 16 00-0001)*		
11 42 16 00-0031	LF	Table, Basic	297.25	24.88
11 42 16 00-0032		Table With Sink *(11 42 16)*		
11 42 16 00-0033	LF	Table With Sink	367.00	41.65
11 42 23		**Food Preparation Scullery Sinks** *(11 42)*		
11 42 23 00-0001		Stainless Steel Scullery Sinks *(11 42 23)*		
		Note: Excludes faucet. See CSI section 22 42 39 00-0071 for service sink faucets.		
11 42 23 00-0002	EA	Stainless Steel Scullery Sink, Single 30" x 24" x 12" Compartment And Drainboard	2,411.39	174.79
		For Additional Drain Board, Add	*221.16*	
11 42 23 00-0003	EA	Stainless Steel Scullery Sink, Double 30" x 24" x 12" Compartment And Drainboard	3,396.71	199.76
		For Additional Drain Board, Add	*314.70*	
11 42 23 00-0004	EA	Stainless Steel Scullery Sink, Triple 30" x 24" x 12" Compartment And Drainboard	4,493.50	199.76
		For Additional Drain Board, Add	*419.39*	
11 42 23 00-0005	EA	Stainless Steel Scullery Sink, Quad 30" x 24" x 12" Compartment And Drainboard	6,432.37	199.76
		For Additional Drain Board, Add	*603.29*	
11 42 23 00-0006	EA	Stainless Steel Pot Sink, Double 20" x 20" x 18" Compartment And Drainboard	3,996.91	199.76
11 42 23 00-0007	EA	36" Wide, Double 21" Length x 18" Width x 14" Depth Compartment, 16 Gauge, Stainless Steel Scullery Sink (Advance Tabco 4-2-36-X)	1,321.97	174.79
11 42 23 00-0008	EA	39" Wide, Double 16" Length x 20" Width x 12" Depth, 18 Gauge, Stainless Steel Scullery Sink (Elkay E2C16X20-0X)	1,328.63	174.79
11 42 23 00-0009	EA	54" Wide, Triple 21" Length x 18" Width x 14" Depth Compartment, 16 Gauge, Stainless Steel Scullery Sink (Advance Tabco 4-3-54-X)	1,585.06	199.76
11 44		**Food Cooking Equipment** *(11 40)*		
11 44 13		**Commercial Ranges** *(11 44)*		
11 44 13 00-0001		Range *(11 44 13)*		
11 44 13 00-0002	EA	Heavy Duty Range, With 34" Open Top Oven	3,190.94	103.53
11 44 13 00-0003	EA	Range With Fry Top	3,190.94	103.53
11 44 13 00-0004	EA	Steel Finish Fry Top	6,823.84	131.45
11 44 13 00-0005	EA	Stainless Top Only Fry Top	6,821.42	129.95
11 44 13 00-0006	EA	Stainless Top And 2 Sides Fry Top	7,881.87	151.30
11 44 13 00-0007	EA	Gas Range, Vulcan #260L	7,100.47	134.80
		Note: Six 12" burners, open top sections, porcelain on steel aeration plates and grates. 24" griddle/broiler, two 26-1/4" x 22" x 14-1/2" ovens porcelain on steel liner and aluminized steel construction, nickel plated oven racks.		
11 44 13 00-0008	EA	48" Range With Casters (Vulcan 48C-4B24GN)	14,430.83	89.51
11 44 16		**Commercial Ovens** *(11 44)*		
11 44 16 00-0001		Bake Oven *(11 44 16)*		
11 44 16 00-0002	EA	55", 208 Voltage, 1 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-3836)	19,047.32	355.96
11 44 16 00-0003	EA	55", 208 Voltage, 3 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-3836)	19,047.32	355.96
11 44 16 00-0004	EA	74", 208 Voltage, 1 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-5736)	25,825.44	355.96
11 44 16 00-0005	EA	74", 208 Voltage, 3 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-5736)	25,825.44	355.96
11 44 16 00-0006	EA	55", 208 Voltage, 1 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-3836)	36,884.72	406.81
11 44 16 00-0007	EA	55", 208 Voltage, 3 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-3836)	36,884.72	406.81
11 44 16 00-0008	EA	74", 208 Voltage, 1 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-7436)	53,971.33	406.81
11 44 16 00-0009	EA	74", 208 Voltage, 3 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-7436)	53,971.33	406.81
11 44 16 00-0010	EA	55", 208 Voltage, 1 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-3836)	58,657.49	508.51
11 44 16 00-0011	EA	55", 208 Voltage, 3 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-3836)	58,657.49	508.51
11 44 16 00-0012	EA	74", 208 Voltage, 1 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-7436)	82,524.53	508.51
11 44 16 00-0013	EA	74", 208 Voltage, 3 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-7436)	82,524.53	508.51
11 44 16 00-0014		Rapid-Cook Countertop Bake Ovens *(11 44 16)*		
11 44 16 00-0015	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Digital Control, Stainless Steel Countertop Oven (TurboChef ECS-9500-1)	10,645.63	22.38
11 44 16 00-0016	EA	800 To 2,200 Watts, 208/240 Volt, Rapid Cook Type, Touchscreen Control, Stainless Steel Classic Countertop Oven (MerryChef E1SM)	6,313.29	22.38
11 44 16 00-0017	EA	4,700 Watts, 208/240 Volt, 1.2 CF, Rapid Cook Type, Touchscreen Control, Stainless Steel Countertop Oven (MerryChef E3-1330-H)	4,970.67	22.38
11 44 16 00-0018	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop High-Speed Oven (TurboChef ECO-9500-1)	7,583.96	22.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0019	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven, Black (TurboChef ECO-9500-5)	7,893.59	22.38
11 44 16 00-0020	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven, Red (TurboChef ECO-9500-2)	7,893.59	22.38
11 44 16 00-0021	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Blue (TurboChef ECO-9500)	7,893.59	22.38
11 44 16 00-0022	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Green (TurboChef ECO-9500)	7,893.59	22.38
11 44 16 00-0023	EA	800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven, White (TurboChef ECO-9500)	7,893.59	22.38
11 44 16 00-0024	EA	1,600 To 1,700 Watts, 208/240 Volt, 1.05 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven (TurboChef NGC-1280-1)	14,694.04	22.38
11 44 16 00-0025	EA	6,200 Watts, 208/240 Volt, 1.304 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (MerryChef E4S)	13,622.52	22.38
11 44 16 00-0026	EA	4,600 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Jetwave Ventless Countertop Oven (Amana JET19V)	7,271.75	22.38
11 44 16 00-0027	EA	3,200 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Jetwave Countertop Oven (Amana JET14)	5,941.98	22.38
11 44 16 00-0028	EA	4,600 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Countertop Oven (Amana JET19)	6,462.33	22.38
11 44 16 00-0029	EA	6,200 Watts, 208/240 Volt, 0.78 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef ENC-9600-601)	15,464.92	22.38
11 44 16 00-0030	EA	5,700 Watts, 208/240 Volt, 1.38 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Countertop Oven With Teflon® Coating And Touch Screen Display (Amana MXP22TLT)	13,804.96	22.38
11 44 16 00-0031	EA	1,000 To 2,200 Watts, 208/240 Volt, 0.58 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (MerryChef E2S STANDARD CLASSIC)	9,652.48	22.38
11 44 16 00-0032	EA	9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, 1 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i5)	19,436.24	22.38
11 44 16 00-0033	EA	9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, 3 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i5)	19,436.24	22.38
11 44 16 00-0034	EA	9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i5 Touch)	20,155.72	22.38
11 44 16 00-0035	EA	11,500 Watts, 208/240 Volt, 2.2 CF, 3 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i5-9500-414-DL)	20,155.72	22.38
11 44 16 00-0036	EA	1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (Amana MRX1)	10,682.89	22.38
11 44 16 00-0037	EA	5,000 Watts, 208/240 Volt, 1.45 CF, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef HHB-8603-1)	10,645.63	22.38
11 44 16 00-0038	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef I1-9500-400)	12,987.83	22.38
11 44 16 00-0039	EA	4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Countertop Oven (TurboChef I1-9500-104)	11,312.45	22.38
11 44 16 00-0040	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen, Countertop Oven With Panini Press (TurboChef PANINI)	12,640.93	22.38
11 44 16 00-0041	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven With Panini Press (TurboChef PANINI TOUCH)	13,256.35	22.38
11 44 16 00-0042	EA	4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven With Touch Controls (TurboChef SOTA SNGL MAG TOUCH)	11,736.43	22.38
11 44 16 00-0043	EA	6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef WATERLESS STEAMER)	14,270.06	22.38
11 44 16 00-0044	EA	6,200 Watts, 208/240 Volt, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef WATERLESS STEAMER TCH)	14,906.03	22.38
11 44 16 00-0045	EA	2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (Amana MRX2)	11,261.05	22.38
11 44 16 00-0046	EA	2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Black (Amana MRX1 BLACK)	10,811.37	22.38
11 44 16 00-0047	EA	2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Red (Amana MRX1 RED)	10,811.37	22.38
11 44 16 00-0048	EA	1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Black (Amana MRX2 BLACK)	11,389.53	22.38
11 44 16 00-0049	EA	1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Red (Amana MRX2 RED)	11,389.53	22.38
11 44 16 00-0050	EA	4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Powder Coated, Countertop Oven (TurboChef I1-9500-1)	12,377.55	22.38
11 44 16 00-0051	EA	8,300 To 9,600 Watts, 208/240 Volt, 1.14 CF, 1 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i3)	16,586.55	22.38
11 44 16 00-0052	EA	8,600 To 9,900 Watts, 208/240 Volt, 1.14 CF, 3 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i3)	16,586.55	22.38
11 44 16 00-0053	EA	8,300 To 9,600 Watts, 208/240 Volt, 1.14 CF, 1 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i3 Touch)	17,280.34	22.38
11 44 16 00-0054	EA	8,600 To 9,900 Watts, 208/240 Volt, 1.14 CF, 3 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i3 Touch)	17,280.34	22.38
11 44 16 00-0055	EA	10,720/12,480 Watts, 208/240 Volt, 1.18 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Double Batch Ventless Countertop Oven (TurboChef HHD-9500-1)	15,547.15	22.38
11 44 16 00-0056	EA	5,616 Watts, 208/240 Volt, 0.99 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Single Batch Ventless Countertop Oven (TurboChef HHS-9500-1)	11,685.04	22.38

11 44 16 00-0057 Combination Ovens *(11 44 16)*

Note: Convection, steam and combination modes.

11 44 16 00-0058	EA	35.4" x 34" x 26.6" Half Size Electric Boilerless Combination Oven	23,313.07	181.18
11 44 16 00-0059	EA	35.4" x 45" x 36.8" Full Size Electric Boilerless Combination Oven	38,243.60	207.07
11 44 16 00-0060	EA	35.4" x 34" x 36.8 Half Size Electric Boilerless Combination Oven	31,594.43	207.07
11 44 16 00-0061	EA	35.4" x 45" x 70.4" Full Size Electric Boilerless Combination Oven	76,243.76	258.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0062	EA	35.4" x 34" x 70.4 Half Size Electric Boilerless Combination Oven	57,884.83	258.83
11 44 16 00-0063		**Countertop Electric Convection Type Ovens** *(11 44 16)*		
11 44 16 00-0064	EA	1,440 Watts, 120 Volt, 0.8 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Quarter Size, Thermostatic Control, Stainless Steel Countertop Electric Convection Oven (Avantco CO-14)	293.11	11.19
11 44 16 00-0065	EA	1,600 Watts, 120 Volt, 1.5 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Half Size, Thermostatic Control, Stainless Steel Countertop Electric Convection Oven (Avantco CO-16)	477.09	11.19
11 44 16 00-0066	EA	2,800 Watts, 208/240 Volt, 2.3 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Thermostatic Control, Half Size, Stainless Steel Countertop Electric Convection Oven (Avantco CO-28)	562.77	11.19
11 44 16 00-0067	EA	2,800 Watts, 208/240 Volt, 2.3 CF, 150 To 550 Degrees Fahrenheit Temperature Range, 2.3 CF, One Glass Door, Half Size, Stainless Steel Countertop Electric Convection Oven With Steam Injection (Avantco CO-32)	725.21	11.19
11 44 16 00-0068	EA	3,500 To 4,600 Watts, 208-240 Volt, 4.4 CF, 550 Degrees Fahrenheit, Two Glass Doors, Dial Control, Stainless Steel Full Size Electric Countertop Convection Oven (Avantco CO-38)	1,320.84	11.19
11 44 16 00-0069	EA	3,500 To 4,600 Watts, 208 To 240 Volt, 4.4 CF, 150 To 550 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Full Size, Stainless Steel Countertop Electric Cooky Type Convection Oven With Steam Injection (Avantco CO-46)	1,537.43	11.19
11 44 16 00-0070	EA	1,440 Watts, 120 Volt, 0.8 CF, 500 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Quarter Size, Stainless Steel Countertop Electric Convection Oven (Galaxy COE3Q)	260.62	11.19
11 44 16 00-0071	EA	1,600 Watts, 120 Volt, 1.5 CF, 500 Degrees Fahrenheit, One Glass Door, Half Size, Dial Control, Stainless Steel Countertop Electric Convection Oven (Galaxy COE3H)	433.89	11.19
11 44 16 00-0072	EA	1,700 Watts, 120 Volt, 27-15/16" Length x 23-5/8" Width x 24" Height, 200 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Half Size, Stainless Steel 4 Pan Electric Countertop Convection Oven (Global Solutions GS1110-17)	1,244.00	11.19
11 44 16 00-0073	EA	1,400 Watts, 120 Volt, 1.19 CF, 150 - 570 Degrees Fahrenheit Temperature Range, One Glass Door, Thermostatic Control, Stainless Steel Half Size Electric Countertop Convection Oven (Vollrath 40703)	1,131.48	11.19
11 44 16 00-0074	EA	2,400 Watts, 230 Volt, 1.9 CF, 150 - 570 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Stainless Steel Half Size Electric Countertop Convection Oven (Vollrath 40701)	1,539.38	11.19
11 44 16 00-0075	EA	5,600 Watts, 230 Volt, 4.27 CF, 150 - 570 Degrees Fahrenheit Temperature Range, 1 Glass Door, Dial Control, Stainless Steel Full Size Electric Countertop Convection Oven (Vollrath 40702)	2,498.11	11.19
11 44 16 00-0076		**Electric Convection Type Ovens** *(11 44 16)*		
11 44 16 00-0077	EA	11 kW, 240 Volt, Two Glass Doors, 41-1/2" x 38-1/8" x 54-1/8", Single Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC-100)	4,465.77	44.76
11 44 16 00-0078	EA	22 kW, 240 Volt, 1 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200DK)	8,857.30	89.51
11 44 16 00-0079	EA	22 kW, 240 Volt, 3 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200CK)	8,857.30	89.51
11 44 16 00-0080	EA	22 kW, 240 Volt, 3 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200EK)	8,857.30	89.51
11 44 16 00-0081	EA	22 kW, 208 Volt , 1 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200BK)	8,857.30	89.51
11 44 16 00-0082	EA	24 kW, 208 Volt, 3 Phase, Four Glass Doors, 40" x 40-1/8" x 68-13/16", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC55ED-208/3)	14,626.96	89.51
11 44 16 00-0083	EA	12 kW, 208 Volt, 3 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-11D1 208/3)	7,313.48	44.76
11 44 16 00-0084	EA	12 kW, 240 Volt, 1 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-12D1 240/1)	7,313.48	44.76
11 44 16 00-0085	EA	12.5 kW, 208 Volt, 3 Phase, Two Glass Doors, 41-1/8" x 40-1/4" x 54-3/4", Single Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC4ED-11D1 208/3)	8,027.31	44.76
11 44 16 00-0086	EA	12 kW, 208 Volt, 1 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-11D1 208/1)	7,313.48	44.76
11 44 16 00-0087	EA	12 kW, 240 Volt, 3 Phase, Two Glass Doors, 40" x 40-1/8" x 24", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-12D1 240/3)	7,313.48	44.76
11 44 16 00-0088	EA	25 kW, 208 Volt, 3 Phase, Four Glass Doors, 41-1/8" x 40" x 70", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC44ED-208/3)	16,054.63	89.51
11 44 16 00-0089	EA	11 kW, 220/240 Volt, 1 Phase, Two Glass Doors, 36-7/8" x 38-1/4" x 57", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Blodgett SHO-100-E)	6,828.08	44.76
11 44 16 00-0090	EA	22 kW, 208 Volt, 3 Phase, Four Glass Doors, 36-7/8" x 38-1/4" x 70", Double Deck, Stainless Steel Full Size Electric Convection Oven (Blodgett SHO-100-E)	13,656.15	89.51
11 44 16 00-0091	EA	24 kW, 208 Volt, 1 Phase, Four Glass Doors, 40" x 40-1/8" x 68 13/16", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC55ED-208/1)	14,626.96	89.51
11 44 16 00-0092	EA	21 kW, 208 Volt, 1 Phase, Four Glass Doors, 46" x 40" x 74-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Bakers Pride BPCV-E2 208/1)	18,508.02	89.51
11 44 16 00-0093		**Natural Gas Convection Type Ovens** *(11 44 16)*		
11 44 16 00-0094	EA	54,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven With Legs (Cooking Performance Group FGC100N)	4,905.29	44.76
11 44 16 00-0095	EA	108,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven With Legs (Cooking Performance Group FGC200N)	9,728.89	89.51
11 44 16 00-0096	EA	100,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Stainless Steel Double Deck Full Size Natural Gas Convection Oven With Solid State Controls (Vulcan VC44GD-NAT)	16,790.23	89.51
11 44 16 00-0097	EA	100,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Vulcan VC55GD)	16,078.02	89.51
11 44 16 00-0098	EA	100,000 BTU, 500 Degrees Fahrenheit, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Blodgett SHO-100-G)	15,009.71	89.51
11 44 16 00-0099	EA	50,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven with Solid State Controls And Legs (Vulcan VC4GD-11D150K)	8,395.11	44.76
11 44 16 00-0100	EA	120,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Bakery Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-200-G)	8,484.62	89.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0101	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Standard Depth Full Size Natural Gas Convection Oven With Analog Controls (Garland MCO-GS-20S)	23,470.32	89.51
11 44 16 00-0102	EA	50,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven (Blodgett SHO-100-G)	7,504.85	44.76
11 44 16 00-0103	EA	100,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Bakery Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-200-G-ES)	20,581.69	89.51
11 44 16 00-0104	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Digital Control, Stainless Steel Double Deck Standard Depth Full Size Natural Gas Convection Oven With Digital Controls (Garland MCO-GS-20)	30,594.50	89.51
11 44 16 00-0105	EA	120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Garland MCO-GS-20-ESS)	23,470.32	89.51
11 44 16 00-0106	EA	100,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Standard Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-100-G)	19,220.12	89.51
11 44 16 00-0107	EA	90,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Blodgett BDO-100-G-ES)	17,104.44	89.51
11 44 16 00-0108	EA	50,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven With Legs (Vulcan VC5GDN)	8,039.01	44.76
11 44 16 00-0109		**Liquid Propane Convection Type Ovens** *(11 44 16)*		
11 44 16 00-0110	EA	108,000 BTU, 45" Length x 38" Width x 68" Height, 150 To 550 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven With Legs (Cooking Performance Group FGC200L)	9,728.89	89.51
11 44 16 00-0111	EA	100,000 BTU, 41-1/8" Length x 40-1/4" Width x 70" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven With Solid State Controls (Vulcan VC44GD-LP)	16,790.23	89.51
11 44 16 00-0112	EA	50,000 BTU, 41-1/8" Length x 40-1/4" Width x 54-3/4" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven With Solid State Controls And Legs (Vulcan VC4GD-21D150K)	8,395.11	44.76
11 44 16 00-0113	EA	100,000 BTU, 45-1/8" Length x 40-1/4" Width x 70" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Stainless Steel Double Deck Full Size Depth Liquid Propane Convection Oven With Solid State Controls (Vulcan VC66GD-LP)	31,700.52	89.51
11 44 16 00-0114	EA	100,000 BTU, 36-7/8" Length x 38-1/4" Width x 70" Height, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven (Blodgett SHO-100-G)	15,009.71	89.51
11 44 16 00-0115	EA	100,000 BTU, 40-1/8" Length x 40-1/8" Width x 68-5/8" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven (Vulcan VC55GD LP)	16,078.02	89.51
11 44 16 00-0116	EA	50,000 BTU, 40-1/8" Length x 40" Width x 54-3/4" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven With Legs (Vulcan VC5GDL)	8,039.01	44.76
11 44 16 00-0117	EA	50,000 BTU, 36-7/8" Length x 38-1/4" Width x 63" Height, 200 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven (Blodgett SHO-100-G)	7,504.85	44.76
11 44 16 00-0118		**Broiler, Without Oven** *(11 44 16)*		
11 44 16 00-0119	EA	69" x 26" x 39" Broiler Without Oven	8,905.51	165.66
11 44 16 00-0120	EA	Conveyor Broiler	7,900.74	192.26
11 44 16 00-0121		**Oven Stands** *(11 44 16)*		
11 44 16 00-0122	EA	Stationary Oven Stand (Rational 60.30.334 US III UltraVent® Stationary Oven Stand)	1,850.35	
11 44 16 00-0123		**Triple Conveyor Oven** *(11 44 16)*		
11 44 16 00-0124	EA	30 kW, 208 Volt, Three Door, Single Belt, Triple Conveyor, FastBake Stainless Steel Impingement Cook Type Oven Package (Lincoln 1180-3/1180-FB3) Note: 39" Length x 56" Width x 62" Height, 250 To 575 Degrees Fahrenheit Temperature Range	62,387.12	179.02
11 44 16 00-0125	EA	30 kW, 240 Volt, Three Door, Single Belt, Triple Conveyor, FastBake Stainless Steel Impingement Cook Type Oven Package (Lincoln 1180-3/1180-FB3) Note: 39" Length x 56" Width x 62" Height, 250 To 575 Degrees Fahrenheit Temperature Range	62,387.12	179.02
11 44 16 00-0126	EA	22 kW, 208 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	126,921.63	179.02
11 44 16 00-0127	EA	22 kW, 220 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	115,370.53	179.02
11 44 16 00-0128	EA	22 kW, 240 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	115,370.53	179.02
11 44 16 00-0129	EA	330,000 BTU, Natural Gas, Three Door, Triple Conveyor, Low Profile FastBake Stainless Steel, Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	126,921.63	179.02
11 44 16 00-0130	EA	330,000 BTU, Liquid Propane, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3) Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range	126,921.63	179.02
11 44 16 00-0131		**Countertop Pizza Oven** *(11 44 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0132	EA	3,700 To 4,800 Watts, 208/240 Volt, Stainless Steel Countertop Pizza Oven, White (TurboChef FIRE WHITE)	7,237.06	22.38
11 44 16 00-0133		Rotary Deck Pizza Oven *(11 44 16)*		
11 44 16 00-0134	EA	90,000 BTU, 2 Deck, 38.6" Diameter Rotary Deck Pizza Oven (Sierra Range Volare)	36,496.65	89.51
11 44 19		**Commercial Cooking Equipment** *(11 44)*		
11 44 19 00-0001		Drop-In Electric Griddle *(11 44 19)*		
11 44 19 00-0002	EA	24" Wide x 24" Deep, Drop-In Electric Griddle	4,096.58	142.36
11 44 19 00-0003	EA	36" Wide x 24" Deep, Drop-In Electric Griddle	5,823.63	142.36
11 44 19 00-0004	EA	48" Wide x 24" Deep, Drop-In Electric Griddle	6,665.08	155.30
11 44 19 00-0005	EA	60" Wide x 24" Deep, Drop-In Electric Griddle	7,974.08	155.30
11 44 19 00-0006	EA	72" Wide x 24" Deep, Drop-In Electric Griddle	10,219.10	168.24
11 44 19 00-0007		Countertop Griddle *(11 44 19)*		
11 44 19 00-0008	EA	16", 120 Voltage, 1750 Watt, Electric Countertop Griddle (Avantco EG16N)	511.82	129.47
11 44 19 00-0009	EA	24", 208/240 Voltage, 2675 To 3560 Watt, Electric Countertop Griddle (Avantco EG24N)	643.82	129.47
11 44 19 00-0010	EA	30", 208/240 Voltage, 3375 To 4500 Watt, Electric Countertop Griddle (Avantco EG30N)	720.82	129.47
11 44 19 00-0011	EA	36", 208/240 Voltage, 7488 To 10080 Watt, Electric Countertop Griddle (Avantco EG36N)	917.73	129.47
11 44 19 00-0012	EA	24", 220 Voltage, Thermostatic Electric Griddle (Vollrath 40716)	999.68	129.47
11 44 19 00-0013	EA	36", 220 Voltage, Thermostatic Electric Griddle (Vollrath 40717)	1,293.71	129.47
11 44 19 00-0014		Panini Sandwich Grill *(11 44 19)*		
11 44 19 00-0015	EA	3,500 Watts, 120 Volt, Double Commercial Panini Sandwich Grill With Smooth Plates (Avantco P85S)	605.53	89.51
11 44 19 00-0016	EA	1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Grooved Plates (Avantco P78)	465.68	89.51
11 44 19 00-0017	EA	1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Smooth Plates (Avantco P70S)	465.68	89.51
11 44 19 00-0018	EA	1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Grooved Top and Smooth Bottom Plates (Avantco P75SG)	465.68	89.51
11 44 19 00-0019	EA	2,392 Watts, 208 Volt, Panini Perfetto Grooved Top And Bottom Panini Sandwich Grill (Waring WPG150B)	946.56	89.51
11 44 19 00-0020		Electric Countertop Fryer, With Submerger *(11 44 19)*		
11 44 19 00-0021	EA	30 LB Capacity, 208-240 Volt, Two Basket, Countertop Deep Fryer (Avantco F202))	925.84	89.51
11 44 19 00-0022	EA	30 LB Capacity, 208-240 Volt, Four Basket, Commercial Countertop Deep Fryer (Vollrath 40710)	2,021.37	89.51
11 44 19 00-0023	EA	30 LB Capacity, 240 Volt, Two Basket, Countertop Electric Deep Fryer (Garland E24-31F)	7,495.62	89.51
11 44 19 00-0024		Electric Floor Fryer, With Submerger *(11 44 19)*		
11 44 19 00-0025	EA	50 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer	6,465.71	207.07
11 44 19 00-0026	EA	50 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer	6,786.45	207.07
11 44 19 00-0027	EA	85 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer	21,664.70	269.19
11 44 19 00-0028	EA	85 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer	22,191.03	269.19
11 44 19 00-0029		Natural Gas Floor Fryer, With Submerger *(11 44 19)*		
11 44 19 00-0030	EA	40 LB Capacity, 90,000 BTU, Natural Gas, Two Basket, Stainless Steel Floor Fryer (Avantco FF300)	1,440.33	143.21
11 44 19 00-0031	EA	50 LB Capacity, 120,000 BTU, Natural Gas, Two Basket, Stainless Steel Floor Fryer (Avantco FF400)	1,649.92	179.02
11 44 19 00-0032	EA	70 To 100 LB Capacity, 150,000 BTU, Natural Gas, Two Basket, Stainless Steel Tube Floor Fryer (Avantco FF518)	2,387.41	358.04
11 44 19 00-0033		Steamers, Electric *(11 44 19)*		
11 44 19 00-0034		Cooking Equipment/ Steamers *(11 44 19 00-0033)*		
11 44 19 00-0035	EA	3 Pan, Electric Countertop Convection Steamer	8,875.51	217.42
11 44 19 00-0036	EA	5 Pan, Electric Countertop Convection Steamer	11,689.67	227.77
11 44 19 00-0037	EA	3 Pan, Electric Countertop Boilerless/Connectionless Steamer	8,212.09	217.42
11 44 19 00-0038	EA	5 Pan, Electric Countertop Boilerless/Connectionless Steamer	11,976.13	227.77
11 44 19 00-0039		Braising Pans *(11 44 19)*		
11 44 19 00-0040	EA	24" x 24", 240 Volt, Tilting Braising Pan	10,545.27	187.97
11 44 19 00-0041	EA	24" x 31", 240 Volt, Tilting Braising Pan	11,128.40	197.67
11 44 19 00-0042	EA	24" x 41", 240 Volt, Tilting Braising Pan	11,852.58	210.50
11 44 19 00-0043	EA	24" x 24", 62,000 BTU/Hour, Tilting Braising Pan	13,747.02	245.11
11 44 19 00-0044	EA	24" x 31", 90,000 BTU/Hour, Tilting Braising Pan	14,215.60	252.67
11 44 19 00-0045	EA	24" x 41", 120,000 BTU/Hour, Tilting Braising Pan	14,769.49	259.35
11 44 19 00-0046		Toasters *(11 44 19)*		
11 44 19 00-0047	EA	Bun Toaster 3.2 KW	2,086.98	39.19
11 44 19 00-0048	EA	Bun Toaster 4.3 KW	2,277.71	42.71
11 44 19 00-0049	EA	Pop-Up Toaster, 2 Slot	593.60	112.12
11 44 19 00-0050	EA	Conveyor Toaster	1,020.00	168.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0051		Microwave Ovens *(11 44 19)*		
11 44 19 00-0052	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Office Series Microwave With Dial Controls (Galaxy MW1000PD)	214.76	11.19
11 44 19 00-0053	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Office Series Microwave With Push Button Controls (Galaxy MW1000PB)	236.14	11.19
11 44 19 00-0054	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Stainless Steel Commercial Microwave With Push Button Controls (Solwave MW1000SS)	307.40	11.19
11 44 19 00-0055	EA	120 Volt, 1,000 Watt, 2 CF, 22" Length x 18" Width x 13-1/2" Height, Stackable Commercial Microwave With Dial Controls (Solwave MW112D)	392.91	11.19
11 44 19 00-0056	EA	120 Volt, 1,000 Watt, 2 CF, 22" Length x 18" Width x 13 1/2" Height, Stackable Commercial Microwave With Dial Controls (Solwave MW112T)	492.67	11.19
11 44 19 00-0057	EA	120 Volt, 1,000 Watt, 16-1/2" Length x 20" Width x 12-1/4" Height, Stainless Steel Commercial Microwave With Dial Controls (Solwave RMS10DS)	307.40	11.19
11 44 19 00-0058	EA	120 Volt, 1,000 Watt, 16-1/2" Length x 20" Width x 12-1/4" Height, Stainless Steel Commercial Microwaves With Push Button Controls (Amana RMS10TS)	359.42	11.19
11 44 19 00-0059	EA	120 Volt, 1,000 Watt, 19" Length x 22" Width x 13-3/4" Height, Medium Volume, Stainless Steel Commercial Microwave (Amana RCS10DSE)	638.05	11.19
11 44 19 00-0060	EA	120 Volt, 1,000 Watt, 19" Length x 22" Width x 13-7/8" Height, Stackable, Commercial Microwave With Push Button Controls (Amana RCS10TS)	779.14	11.19
11 44 19 00-0061	EA	120 Volt, 1,000 Watt, 21-5/8" Length x 16-1/2" Width x 13-1/2" Height, Stainless Steel, Heavy Duty Commercial Microwave With Push Button Controls (Amana HDC12A2)	1,638.51	11.19
11 44 19 00-0062	EA	120 Volt, 1,000 Watt, 18-1/8" Length x 20-1/2" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Manual Controls (Vollrath 40830)	449.64	11.19
11 44 19 00-0063	EA	120 Volt, 1,000 Watt, 18-1/8" Length x 20-1/2" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Digital Controls (Vollrath 40819)	613.89	11.19
11 44 19 00-0064	EA	120 Volt, 1,000 Watt, 17" Length x 20" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Push Button Controls (Waring WMO90)	471.31	11.19
11 44 19 00-0065	EA	120 Volt, 1,000 Watt, 16-9/16" Length x 20-1/8" Width x 13" Height, Stainless Steel, Commercial Microwave With Push Button Controls (Panasonic NE-1054F)	414.30	11.19
11 44 19 00-0066	EA	120 Volt, 1,000 Watt, 16-3/8" Length x 20-1/8" Width x 12" Height, Stainless Steel Microwave With Programmable Memory Pads (Panasonic NE-1064F)	804.79	11.19
11 44 19 00-0067	EA	120 Volt, 1,000 Watt, 16-9/16" Length x 20-1/8" Width x 13" Height, Stainless Steel Commercial Microwave With Dial Timer (Panasonic NE-1025)	371.54	11.19
11 44 19 00-0068	EA	120 Volt, 1,200 Watt, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Stainless Steel Commercial Microwave With Programmable Menu And Auto Cool Down (Solwave MW1200T)	776.29	11.19
11 44 19 00-0069	EA	120 Volt, 1,200 Watt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, 100 Programmable Menu Items, See-through Door, USB Port, Commercial Heavy Duty Stainless Steel Microwave (Solwave MWHD12)	861.80	11.19
11 44 19 00-0070	EA	120 Volt, 1,200 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 15 Integrated Power Levels, See-through Door, Stainless Steel, Commercial, Medium Duty, Microwave With 90 Programmable Menu Pads (Panasonic NE-12523)	1,447.54	11.19
11 44 19 00-0071	EA	120 Volt, 1,200 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, Programmable, 15 Power Levels, Stainless Steel, Commercial, Medium Duty, Microwave With Push Button Controls (Panasonic NE-12521)	1,343.50	11.19
11 44 19 00-0072	EA	120 Volt, 2,000 Watt, 21" Length x 21-3/4" Width x 14-3/8" Height, 4 Cooking Stages, 5 Power Levels, Stainless Steel, Commercial, Medium Duty, Microwave With Push Button Controls (Amana RFS12TS)	1,581.50	11.19
11 44 19 00-0073	EA	208/230-240 Volt, 1,700 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 3-Stage Cooking, See-through Door, Stainless Steel, Commerical Microwave With LCD Display (Panasonic NE-17521)	1,481.74	11.19
11 44 19 00-0074	EA	208/230-240 Volt, 1,700 Watt, 20" Length x 16-5/8" Width x 13" Height, LCD Display With Digital Countdown, Stainless Steel, Commercial Microwave With 90 Programmable Memory Pads (Panasonic NE-17523)	1,664.16	11.19
11 44 19 00-0075	EA	208/230-240 Volt, 2,100 Watt, 20-3/4" Length x 25-9/16" Width x 18-9/16" Height, Sonic Steamer, Stainless Steel, Commercial Microwave With 8 Programmable Memory Pads (Panasonic NE-2180)	4,492.39	11.19
11 44 19 00-0076	EA	208/230-240 Volt, 3,200 Watt, 20-3/4" Length x 25-9/16" Width x 18-5/8" Height, Sonic Steamer, See-though Door, Stainless Steel, Commercial Microwave With 3-stage Cook (Panasonic NE-3280)	5,954.61	11.19
11 44 19 00-0077	EA	208/230 Volt, 1,800 Watt, 20-1/4" Length x 21-3/4" Width x 14-1/4" Height, Stainless Steel, Commercial, Medium Duty Microwave With Push Button Controls (Amana RFS18TS)	1,856.56	11.19
11 44 19 00-0078	EA	208/230 Volt, 2,200 Watt, 23-1/2" Length x 25-5/8" Width x 18-5/8" Height, Stainless Steel, Heavy Duty, 2 Pan Programmable Microwave (Amana AMSO22)	5,794.28	11.19
11 44 19 00-0079	EA	208/230 Volt, 2,400 Watt, 19-3/16" Length x 13-5/8" Width x 17-5/8" Height, 11 Power Levels, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana AOC24)	3,575.30	11.19
11 44 19 00-0080	EA	208/240 Volt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, Space Saver, USB Port, Stainless Steel, Commercial, Heavy Duty Microwave (Solwave MWHD18)	961.56	11.19
11 44 19 00-0081	EA	208/240 Volt, 2,100 Watt, 1.2 CF, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Large, Stainless Steel, Stackable, Commercial Microwave With Push Button Controls (Solwave MW2100T)	1,018.57	11.19
11 44 19 00-0082	EA	208/240 Volt, 2,100 Watt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, 15 Power Levels, USB Port, Space Saver, Stainless Steel, Heavy Duty, Commercial Microwave With Push Button Controls (Solwave MWHD21)	1,089.82	11.19
11 44 19 00-0083	EA	208/240 Volt, 1,700 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, See-through Door, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana RC17S2)	2,626.15	11.19
11 44 19 00-0084	EA	208/240 Volt, 1,800 Watt, 1.2 CF, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Large, Stainless Steel, Commerical Microwave With Push Button Controls (Solwave MW1800T)	876.05	11.19
11 44 19 00-0085	EA	208/240 Volt, 1,800 Watt, 21-5/8" Length x 15-1/2" Width x 13-1/2" Height, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana HDC182)	1,920.69	11.19
11 44 19 00-0086	EA	208/240 Volt, 1,800 Watt, 31-5/8" Length x 16-1/2" Width x 13-1/3" Height, Stainless Steel Commercial, Heavy Duty Microwave With Push Button Controls, Canadian Use Only (Amana HDC1815)	1,933.52	11.19
11 44 19 00-0087	EA	208/240 Volt, 1,800 Watt, 20-3/4" Length x 22-3/5" Width x 14-1/2" Height, Stainless Steel, Commercial, Medium Duty Microwave With Push Button Controls (Waring WMO120)	1,803.83	11.19
11 44 19 00-0088	EA	208/240 Volt, 2,100 Watt, 21-5/8" Length x 15-1/2" Width x 13-1/2" Height, 100 Programmable Menu Items, 11 Integrated Power Levels, Stainless Steel, Commercial, Heavy Duty Microwave (Amana HDC212)	2,010.48	11.19
11 44 19 00-0089	EA	208/240 Volt, 2,100 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 5 Cooking Stages, Half-size Pans, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Panasonic NE-21521)	1,818.08	11.19
11 44 19 00-0090	EA	208/240 Volt, 2,200 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana RC22S2)	3,280.30	11.19
11 44 19 00-0091	EA	208/240 Volt, 2,200 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana RC30S2)	4,306.41	11.19

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0092		**Ceramic Broiler On Storage Base With Doors** *(11 44 19)*		
11 44 19 00-0093	EA	Standard Finish Ceramic Boiler On Storage Base With Doors	8,688.97	154.10
11 44 19 00-0094	EA	Stainless Steel Front Ceramic Boiler On Storage Base With Doors	8,688.97	154.10
11 44 19 00-0095	EA	Stainless Steel Front And Sides Ceramic Boiler On Storage Base With Doors	10,799.08	192.39
11 44 19 00-0096		**Gas Countertop Hot Plate** *(11 44 19)*		
11 44 19 00-0097	EA	2 Burners Gas Countertop Hot Plate	1,107.75	19.63
11 44 19 00-0098		**Food Service Additions** *(11 44 19)*		
11 44 19 00-0099	EA	30" Diameter, Natural Gas, Cooktop With Electric Controls (Affinity 30Ge)	7,484.62	19.41
11 44 19 00-0100	EA	Heavy Duty Stainless Steel Heated Under Counter Cabinet With Adjustable Thermostat, Digital Indicator, Chrome Plated Reals And Wire Shelves (Alto Shaam 500-S)	4,922.46	172.90
11 44 19 00-0101	EA	Oven-Combination Heated Holding Cabinet (Alto Shaam CTP20-10)	48,540.94	
11 44 19 00-0102	EA	1000 Watt, 1.2 CF, 14" Platter Capacity, Programmable, Commercial Grade, Stainless Steel, Microwave-oven (Amana RCS10TS)	981.20	11.64
11 44 19 00-0103	EA	1000 Watts, Programmable Power Level, Commercial Grade, Stainless Steel, Microwave-oven (Amana RMS10TS)	570.81	11.64
11 44 19 00-0104	EA	48" W x 24-1/2" D x 8" H, Single Deck, Gas Fired, Stainless Steel, Caster Mounted, Pizza Oven (Bakers Pride 3151)	17,062.48	155.30
11 44 19 00-0105	EA	120v, 14.9 Amp, 20' W, 6 Gallon Capacity Water Bath, Sparkling And Still Water Dispenser (Blupura/Crystallize BLUBAR COUNTERTOP 80)	8,078.68	299.21
11 44 19 00-0106	EA	1/3 HP, 120v, 60hz, 15 Amp, Top Opening, Self Contained Refrigerated System (Blupura/Crystallize FONTEMAGNA BRIDGE)	5,508.16	299.21
11 44 19 00-0107	EA	Broiler Less, Programmable, Stainless Steel, Convotherm Electric Oven-streamer (Cleveland OES-10.20)	19,079.51	217.42
11 44 19 00-0108	EA	115 VAC, 60 Hz, Forced Air Gas Combustion With Auto Ignition, Stainless Steel Skillet With Spring Assist Cover (Cleveland SGL-30-T1/Sgl-40-T1)	34,769.96	210.29
11 44 19 00-0109	EA	50 PSI, Water-resistant, Stationary Trileg Tilting Steam Jacketed Kettle (Cleveland / Groen KDL)	29,846.74	107.84
11 44 19 00-0110	EA	Top Mounted, Insulated Heated Cabinet With Magnetic Latch Door (Crescor H-137-PWSUA-12C - 12c is discontinued hw-137-pwsua-12d is new model)	18,068.21	56.38
11 44 19 00-0111	EA	6 Gallon, 1/5 HP, Bottom Mounted, Ice-Cream Dipping Cabinet (Delfield N255)	4,784.85	244.79
11 44 19 00-0112	EA	3/4" Diameter, 36" Length, Moveable Gas Connector Kit (Dormont 1675KIT)	269.39	19.98
11 44 19 00-0113	EA	1/4 HP, Stainless Steel, Mechanically Cooled Cold Food Unit (Duke AeroServ 316-25SS-N7)	9,467.93	271.26
11 44 19 00-0114	EA	20', 3/8" Thick, Stainless Steel, Heavy Duty Mounting, Tempered Glass (English Mfg. M-107)	12,996.24	11.64
11 44 19 00-0115	EA	1350lb, Stainless Steel, Elevated Ice Storage And Transport System (Follet Corporation ITS1350SG-60)	18,593.55	156.64
11 44 19 00-0116	EA	Gas Fired Pasta Cooker (Frymaster GPCRB-SC)	23,294.90	130.49
11 44 19 00-0117	EA	Stainless Steel, Antimicrobial, Vegetable Cutter (Globe A420VH)	1,027.35	5.37
11 44 19 00-0118	EA	5 kw Tank Heater, 1 HP Self-draining Pump, Electronic Automatic Control, Stainless Steel, Dishwasher (Hobart AM-15T)	24,603.77	189.80
11 44 19 00-0119	EA	Stainless Steel, Electric Dryer Interlocked With Washer To Start (Hobart CLe (BDELRAX-STDDOM))	21,561.43	162.69
11 44 19 00-0120	EA	1/2 HP, Medium Duty, Built-in Sharpener With 12" Blade (Hobart Edge 7510)	3,393.91	149.09
11 44 19 00-0121	EA	20 Quart, Countertop Mounted, Stainless Steel Bowl (Hobart HL200)	10,413.33	258.83
11 44 19 00-0122	EA	Electronic Control, Stainless Steel Dishwasher (Hobart LXi/LXiH new model is Lxeh)	16,599.24	189.80
11 44 19 00-0123	EA	27" x 32" x 26-3/4" H, Stainless Steel, Single Shelf Mixer Table (Hobart TABLE-HL2012)	3,283.96	49.60
11 44 19 00-0124	EA	Remote Air Cooled, Stainless Steel, Ice Maker, (Hoshizaki America KM-2100)	15,743.53	232.95
11 44 19 00-0125	EA	Antimicrobial, Individual Crescent Cube, Stainless Steel, Ice Maker (Hoshizaki America KM-2100/2500S_H3)	17,282.48	232.95
11 44 19 00-0126	EA	2,400 BTU, 1/3 HP, Air Cooled, Stainless Steel, Leg Mounted, Under Counter Ice Maker (Hoshizaki America F-330BAJ-c)	6,943.04	207.07
11 44 19 00-0127	EA	24" Wide, Energy Efficient, Stainless Steel, Built-in Dishwasher (Kenmore 14743)	1,389.66	89.51
11 44 19 00-0128	EA	3.7 CF, 27"W x 29-1/4"D x 39"H, Energy Efficient, Full Size, White Front-loading Washing Machine (Kenmore 41272)	1,999.62	89.51
11 44 19 00-0129	EA	30" Wide, Slide In, Electric Coil, Black Top, Stainless Steel, Electric Range (Kenmore 46762)	2,324.21	89.51
11 44 19 00-0130	EA	15.0 CF, Top Freezer Compartment With Self Defrosting, Reversible Door, White Refrigerator (Kenmore 60302)	927.07	44.76
11 44 19 00-0131	EA	30" Stainless Steel, Vent Less Range Hood (Kenmore 22-51840)	393.55	67.14
11 44 19 00-0132	EA	22.89 CF, 33" W x 66 1/2" H x 34 3/4" D, Tall Through-the-door Dispenser With Light And Ultra Ice® Stainless Steel Water Filtration System With Indicator Light (Kenmore 46-51313)	1,590.86	44.76
11 44 19 00-0133	EA	Gas Fired, Adjustable Conveyor Speed, Single Level, Dual Air Return, Stainless Steel, Conveyor Oven (Middleby Marshall PS636G-1)	30,181.84	155.30
11 44 19 00-0134	EA	Stainless Steel, Gas Fired, Standing Pilot, Conventional Oven (Montague 124-5)	10,551.99	89.51
11 44 19 00-0135	EA	3/4" Thick, 36" Flat-top, 100,000 BTU, Manual Control, Heavy Duty Range (Montague 136-8)	15,347.24	142.36
11 44 19 00-0136	EA	3/4" Thick Flat Top, 80,000 BTU, Thermostatic Control, Heavy Duty Range (Montague C36-8T)	15,417.77	142.36
11 44 19 00-0137	EA	36", 114,000 BTU, Low Profile, Heavy-duty Counter Top With Six Burners (Montague Gas Range V136LB/UFLC-36R)	35,852.25	103.53
11 44 19 00-0138	EA	24", 140,000 BTU, Gas Fired, Standing Pilot, Stainless Steel, Convection Oven With Four 12" Burners (Montague Legend 124-5)	10,642.57	134.80
11 44 19 00-0139	EA	36", 110,000 BTU, Gas Fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Two Round French Style Hot Tops (Montague Legend 136-9A)	13,102.56	176.00
11 44 19 00-0140	EA	225,000 BTU, Gas fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Six Burners (Montague Legend V136-5)	13,102.56	176.00
11 44 19 00-0141	EA	36", 165,000 BTU, Gas Fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Four Burners (Montague Legend V136-5A)	13,102.56	176.00
11 44 19 00-0142	EA	63,000 BTU, Gas Fired, Double Deck, Stainless Steel, Convection Oven (Montague Vectaire HX2-63A)	29,813.77	207.07
11 44 19 00-0143	EA	Ultra Continuous Feed Combination Food Processor. (Robot Coupe R 2 N)	2,100.55	225.59
11 44 19 00-0144	EA	Low Noise, Aluminum Alloy, Water Cooled Motor (Salvajor 750)	4,841.41	67.14
11 44 19 00-0145	EA	Low Flow, Backflow Prevention, Stainless Steel, Trough Collector (Salvajor S419)	13,084.77	215.60
11 44 19 00-0146	EA	92 GPH, Electronic Automatic Control, Stainless Steel, Dishwasher (Stero SDRA-PKG)	28,545.49	162.69
11 44 19 00-0147	EA	3-phase, Microprocessor Controlled, Air-cooled, Stainless Steel, Freezer (Taylor C723)	16,868.78	44.76
11 44 19 00-0148	EA	52-1/8"L x 35"D x 83-1/4"H, 1/3 HP, Microprocessor Controlled, Reach-in, Caster Mounted, Refrigerator (Traulsen G2000)	8,027.32	217.42
11 44 19 00-0149	EA	120 VAC, Wet Operation Only, Single Well, Round, Deep Drawn Stainless Steel, Cook'N Hold Built-in Food Warmer With Drain (Wells HW106D)	1,477.60	217.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0150	EA	120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD300DM)	3,609.75	217.42
11 44 19 00-0151	EA	120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD400DM)	5,061.96	217.42
11 44 19 00-0152	EA	120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD500DM)	6,139.23	217.42
11 44 19 00-0153	EA	Adjustable Radiant Flame, Thermostatically Controlled, Hearth Pizza Oven (Woodstone WS-FD-6045-RFG-L-IR-NG)	46,232.55	103.53
11 44 19 00-0154		**Charbroilers** *(11 44 19)*		
11 44 19 00-0155	EA	80,000 BTU, 26-13/16" Length x 24" Width x 16-5/16" Height, Gas Countertop Lava Briquette Charbroiler (Cooking Performance Group CBL24)	1,040.29	89.51
11 44 19 00-0156	EA	40,000 BTU, 26-13/16" Length x 15" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR15)	841.10	119.32
11 44 19 00-0157	EA	70,000 BTU, 27-1/2" Length x 24" Width x 15" Height, Gas Countertop Radiant Charbroiler (Avantco AG24RC)	581.62	89.51
11 44 19 00-0158	EA	80,000 BTU, 26-13/16" Length x 24" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR24)	1,082.17	102.31
11 44 19 00-0159	EA	80,000 BTU, 26-13/16" Length x 24" Width x 41-5/16" Height, Radiant Charbroiler With Storage Base (Cooking Performance Group 24CBRSBNL)	1,814.82	102.31
11 44 19 00-0160	EA	105,000 BTU, 27-1/2" Length x 36" Width x 15" Height, Gas Countertop Radiant Charbroiler (Avantco AG36RC)	1,099.99	119.32
11 44 19 00-0161	EA	120,000 BTU, 26-13/16" Length x 36" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR36)	1,425.61	119.32
11 44 19 00-0162	EA	120,000 BTU, 32-1/8" Length x 36-3/8" Width x 40-13/16" Height, Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 36CBRRBNL)	3,443.35	143.21
11 44 19 00-0163	EA	120,000 BTU, 36-3/8" Length x 32-1/8" Width x 24-1/2" Height, Gas Lava Briquette Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 36CBLRBNL)	3,459.63	143.21
11 44 19 00-0164	EA	120,000 BTU, 26-13/16" Length x 36" Width x 41-5/16" Height, Gas Radiant Charbroiler With Cabinet Base (Cooking Performance Group 36CBRSBNL)	2,141.98	119.32
11 44 19 00-0165	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Heavy-Duty Gas Griddle And Gas Lava Briquette Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GTCLBNL)	4,941.21	143.21
11 44 19 00-0166	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Heavy-Duty Gas Griddle And Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GTCRBNL)	4,924.93	143.21
11 44 19 00-0167	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24 1/2" Height, Gas Griddle And Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GMCRBNL)	4,631.87	143.21
11 44 19 00-0168	EA	160,000 BTU, 26-13/16" Length x 48" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR48)	1,919.40	179.02
11 44 19 00-0169	EA	160,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 48CBRRBNL)	3,938.25	179.02
11 44 19 00-0170	EA	200,000 BTU, 30-1/2" Length x 60" Width x 16-3/4" Height, Gas Radiant Charbroiler (Cooking Performance Group CBR60-NG(CPG))	2,391.55	179.02
11 44 19 00-0171	EA	200,000 BTU, 30-1/2" Length x 60" Width x 16-3/4" Height, Gas Radiant Charbroiler With 4 Drawer Refrigerated Chef Base (Cooking Performance Group 60CBRRBNL)	4,915.12	179.02
11 44 19 00-0172		**Steam Jacketed Kettles** *(11 44 19)*		
11 44 19 00-0173	EA	12 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Tabletop Kettle (Cleveland KET-12-T)	13,567.26	22.38
11 44 19 00-0174	EA	12 Gallon Capacity, 208 Volt, 12 kW, Tilting, Stainless Steel Electric Steam Jacketed Kettle (Vulcan K12ETT-7)	12,065.17	22.38
11 44 19 00-0175	EA	3 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Tabletop Kettle (Cleveland KET-3-T)	9,591.98	22.38
11 44 19 00-0176	EA	6 Gallon Capacity, 208 Volt, 7.5 kW, Tilting, Stainless Steel Electric Steam Jacketed Kettle (Vulcan K6ETT-7)	10,001.15	22.38
11 44 19 00-0177	EA	60 Gallon Capacity, 208 Volt, 18 kW, 3 Phase, Stationary, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Vulcan K60EL)	35,114.92	22.38
11 44 19 00-0178	EA	150 Gallon Capacity, 240 Volt, 36 kW, 3 Phase, Stationary, Stainless Steel Steam Jacketed Electric Kettle (Vulcan ET150-240/3)	61,877.77	89.51
11 44 19 00-0179	EA	100 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Mixer Kettle (Cleveland MKE100T 208/2403)	146,328.02	89.51
11 44 19 00-0180	EA	6 Gallon Capacity, 240 Volt, 24 kW, 3 Phase, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle With Modular Generator Base (Cleveland 24EMK624 240/3)	32,175.88	89.51
11 44 19 00-0181	EA	6 Gallon Capacity, 208 Volt, 24 kW, 3 Phase, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle With Modular Generator Base (Cleveland 24EMK624 208/3)	32,175.88	89.51
11 44 19 00-0182	EA	125 Gallon Capacity, 240 Volt, 36 kW, 3 Phase, Stationary, Stainless Steel Steam Jacketed Electric Kettle (Vulcan ET125-240/3)	58,979.05	89.51
11 44 19 00-0183	EA	20 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Cleveland KET-20-T)	21,506.62	89.51
11 44 19 00-0184	EA	40 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel Full Steam Jacketed Electric Kettle (Cleveland KEL40TSH 208/2403)	47,460.54	89.51
11 44 19 00-0185	EA	20 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Mixer Kettle (Cleveland MKET20T 208/2403)	59,413.67	89.51
11 44 19 00-0186	EA	60 Gallon Capacity, 208/240 Volt, Stationary, Stainless Steel Full Steam Jacketed Electric Kettle (Cleveland KEL60SH 208/2403)	42,272.30	89.51
11 44 19 00-0187	EA	40 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Cleveland KEL-40-T)	38,998.97	89.51
11 44 19 00-0188	EA	40 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Electric Mixer Kettle (Cleveland MKDL40T 208/2403)	120,394.10	89.51
11 44 19 00-0189	EA	60 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Electric Mixer Kettle (Cleveland MKDL60T 208/2403)	124,223.91	89.51
11 44 19 00-0190	EA	100 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL100 LP)	57,892.38	179.02
11 44 19 00-0191	EA	60 Gallon Capacity, 100,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GL-LP)	40,360.02	179.02
11 44 19 00-0192	EA	40 Gallon Capacity, 140,000 BTU, Liquid Propane, Tilting, Stainless Steel Full Steam Jacketed Kettle (Cleveland KGL40TSH LP)	57,603.23	179.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0193	EA	80 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80 LP)	47,859.60	179.02
11 44 19 00-0194	EA	40 Gallon Capacity, 100,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K40GLT-LP)	49,594.47	179.02
11 44 19 00-0195	EA	6 Gallon Capacity, 34,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-6-T LP)	20,852.76	179.02
11 44 19 00-0196	EA	60 Gallon Capacity, 100,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GLT-LP)	60,132.79	179.02
11 44 19 00-0197	EA	125 Gallon Capacity, 135,000 BTU, Liquid Propane, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Vulcan GT125E-LP)	59,821.83	179.02
11 44 19 00-0198	EA	80 Gallon Capacity, 190,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80T LP)	66,295.76	179.02
11 44 19 00-0199	EA	60 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel Full Steam Jacketed Kettle (Cleveland KGL60SH LP)	44,906.32	179.02
11 44 19 00-0200	EA	12 Gallon Capacity, 53,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT12TGB LP)	27,372.15	179.02
11 44 19 00-0201	EA	40 Gallon Capacity, 140,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Mixer Kettle (Cleveland MKGL40T LP)	145,630.51	179.02
11 44 19 00-0202	EA	80 Gallon Capacity, 135,000 BTU, Liquid Propane, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Cleveland GL80E-LP)	48,179.66	179.02
11 44 19 00-0203	EA	60 Gallon Capacity, 100,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GLT-NAT)	60,132.79	179.02
11 44 19 00-0204	EA	60 Gallon Capacity, 190,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKG60T NAT)	139,771.24	179.02
11 44 19 00-0205	EA	25 Gallon Capacity, 90,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL-25-T NAT)	45,913.78	179.02
11 44 19 00-0206	EA	100 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKGL100 NAT)	139,391.17	179.02
11 44 19 00-0207	EA	20 Gallon Capacity, 100,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K20GLT-NAT)	47,486.80	179.02
11 44 19 00-0208	EA	100 Gallon Capacity, 190,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKGL100T NAT)	164,577.67	179.02
11 44 19 00-0209	EA	12 Gallon Capacity, 53,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-12-T NAT)	24,949.89	179.02
11 44 19 00-0210	EA	80 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80 NAT)	47,859.60	179.02
11 44 19 00-0211	EA	60 Gallon Capacity, 135,000 BTU, Natural Gas, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Cleveland GS60E-NAT)	47,595.92	179.02
11 44 19 00-0212	EA	40 Gallon Capacity, 140,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Mixer Kettle (Cleveland MKGL40T NAT)	140,174.95	179.02
11 44 19 00-0213	EA	6 Gallon Capacity, 34,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-6-T NAT)	20,852.76	179.02
11 44 19 00-0214	EA	100 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL100 NAT)	57,892.38	179.02
11 44 19 00-0215	EA	40 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL-40-T)	19,983.51	179.02
11 44 19 00-0216	EA	60 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K60DLT)	27,084.83	179.02
11 44 19 00-0217	EA	125 Gallon Capacity, Stationary, Stainless Steel Fully Jacketed Direct Steam Kettle (Vulcan ST125)	47,390.42	179.02
11 44 19 00-0218	EA	200 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL200)	63,233.37	179.02
11 44 19 00-0219	EA	12 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle With Modular Stand (Cleveland SD760K12)	24,666.20	179.02
11 44 19 00-0220	EA	12 Gallon Capacity, 26" Table, Tilting, Stainless Steel Direct Steam Kettle (Cleveland VEKT26/6)	17,139.34	179.02
11 44 19 00-0221	EA	40 Gallon Capacity, Stationary Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K40DL)	18,217.72	179.02
11 44 19 00-0222	EA	60 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL60SH)	28,397.80	179.02
11 44 19 00-0223	EA	60 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K60DL)	21,227.38	179.02
11 44 19 00-0224	EA	40 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL40)	17,201.17	179.02
11 44 19 00-0225	EA	80 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL80F)	42,855.03	179.02
11 44 19 00-0226	EA	80 oz., Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Tabletop Oyster Kettle (Cleveland KDT-1-T)	9,281.52	179.02
11 44 19 00-0227	EA	40 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL40F)	30,178.13	179.02
11 44 19 00-0228	EA	12 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Direct Steam Kettle (Cleveland KDT-12-T)	12,996.75	179.02
11 44 19 00-0229	EA	100 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL100)	32,600.40	179.02
11 44 19 00-0230	EA	60 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL60)	20,409.04	179.02
11 44 19 00-0231		Other Kettles *(11 44 19)*		
11 44 19 00-0232	EA	20 QT Trunion Kettle With Stand (Groen TDC/320)	5,154.34	107.84
11 44 19 00-0233	EA	40 QT Trunion Kettle With Stand (Groen TDA/140)	8,123.59	107.84

11 46 Food Dispensing Equipment *(11 40)*

11 46 13 Bar Equipment *(11 46)*

11 46 13 00-0001		Soft Serve Machines *(11 46 13)*		
11 46 13 00-0002	EA	Soft Serve Machines, Medium	12,784.26	122.37
11 46 13 00-0003	EA	Soft Serve Machines, Large	21,563.81	149.50
11 46 13 00-0004		Salad Bars *(11 46 13)*		
11 46 13 00-0005	EA	96" Refrigerated Salad Bar With Light 54" Height	18,688.51	417.88
11 46 13 00-0006	EA	96" Refrigerated Salad Bar Without Light 54" Height	17,104.67	417.88
11 46 13 00-0007	EA	96" Iced Salad Bar Without Light 54" Height	12,096.12	229.59
11 46 13 00-0008	EA	79" Iced Salad Bar Without Light 54" Height	9,558.98	188.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 13 00-0009	EA	79" Refrigerated Salad Bar Without Light 54" Height	14,532.76	276.71
11 46 13 00-0010	EA	114" Iced Salad Bar 34" Height	16,071.27	245.11
11 46 13 00-0011	EA	Salad Bar Tray Fixed	1,603.49	41.51
11 46 13 00-0012	EA	Salad Bar Tray Hinged	1,706.59	41.51
11 46 16		**Service Line Equipment** *(11 46)*		
11 46 16 00-0001		Food Warmer Holding Station *(11 46 16)*		
11 46 16 00-0002	EA	Food Warmer Station And Heat Lamp	771.12	14.47
11 46 16 00-0003		Reach-In Food Warmers *(11 46 16)*		
11 46 16 00-0004	EA	One Drawer, 16 Roll Capacity Food Warmer	1,659.37	31.15
11 46 16 00-0005	EA	Three Drawer, 36 Roll Capacity Food Warmer	3,797.34	71.34
11 46 16 00-0006		Countertop Food Warmer *(11 46 16)*		
11 46 16 00-0007	EA	12" x 20", 1500 Watt, 120 Voltage, Full Size Electric Countertop Food Cooker / Warmer (Avantco W50CKR)	183.05	25.01
11 46 16 00-0008	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer (Avantco W50)	158.70	25.01
11 46 16 00-0009	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer / Topping Station With 1 Condiment Pump And (1) 7 Quart Inset With Lid And Ladle (Avantco WK12007PL)	515.72	25.01
11 46 16 00-0010	EA	12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer / Soup Station With 3 Insets, 3 Covers, And 3 (3 Ounce) Ladles (Avantco WK12004X3)	351.77	25.01
11 46 16 00-0011		Hot Cabinets With Top Wells Electric *(11 46 16)*		
11 46 16 00-0012	EA	2 Wells, 2 Compartments Hot Cabinet With Top Wells, Electric	8,886.33	154.10
11 46 16 00-0013	EA	3 Wells, 3 Compartments Hot Cabinet With Top Wells, Electric	12,695.95	220.85
11 46 16 00-0014		Portable Hot Food Units *(11 46 16)*		
11 46 16 00-0015	EA	46" Wide x 28" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 37030)	5,447.69	
11 46 16 00-0016	EA	60" Wide x 28" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 37040)	6,237.76	
11 46 16 00-0017	EA	74" Wide x 28" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 37050)	7,050.35	
11 46 16 00-0018		Stationary Hot Food Units *(11 46 16)*		
11 46 16 00-0019	EA	46" Wide x 29-1/2" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 38203)	1,646.54	31.38
11 46 16 00-0020	EA	61-1/4" Wide x 29-1/2" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 38204)	2,209.84	36.13
11 46 16 00-0021	EA	76" Wide x 29-1/2" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 38205)	2,752.27	46.27
11 46 16 00-0022		Serving Counters *(11 46 16)*		
11 46 16 00-0023	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Straight Section	117.96	42.24
11 46 16 00-0024	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Curved Section	151.86	64.71
11 46 16 00-0025		Drop-In Equipment *(11 46 16)*		
11 46 16 00-0026	EA	Hot Food Well, Rectangular	562.78	134.59
11 46 16 00-0027	EA	Hot Food Well, Circular	516.91	134.59
11 46 16 00-0028	EA	Refrigerated Well, 2 Compartment	2,504.67	134.59
11 46 16 00-0029	EA	Refrigerated Well, 3 Compartment	2,847.54	149.50
11 46 16 00-0030	EA	Refrigerated Well, 4 Compartment	3,236.21	168.24
11 46 16 00-0031	EA	Frost Cold Plate	2,156.98	149.50
11 46 16 00-0032		Beverage Dispensing *(11 46 16)*		
11 46 16 00-0033	EA	Coffee Urn, Twin 3 Gallon	3,472.34	193.70
11 46 16 00-0034	EA	Coffee Urn, Twin 6 Gallon	4,946.15	271.14
11 46 16 00-0035	EA	Coffee Brewer, 5 Burner	1,419.50	193.70
11 46 16 00-0036	EA	Hot Chocolate Dispenser	1,385.55	159.54
11 46 16 00-0037	EA	Iced Tea Brewer	2,039.25	159.54
11 46 16 00-0038	EA	Juice Dispenser (Concentrate)	1,515.13	298.80
11 46 16 00-0039	EA	Jet Spray Dispenser	2,146.43	299.11
11 46 16 00-0040	EA	Milk Dispenser, Bulk, 2 Flavor	1,799.85	168.24
11 46 16 00-0041	EA	Milk Dispenser, Bulk, 3 Flavor	2,453.55	168.24
11 46 16 00-0042		Dish Dispensers *(11 46 16)*		
11 46 16 00-0043	EA	Heated Plate Lift; Adjustable Plate Storage And Transport (Adcraft ADC-LR-2)	1,869.31	25.01
11 46 16 00-0044	EA	12" Diameter, Drop-in, Dish Dispenser	719.92	31.95
11 46 16 00-0045	EA	Drop-in, Cup And Glass Dispenser	1,226.28	99.35
11 46 16 00-0046	EA	Drop-in, Disposable Cup Dispenser	446.14	22.38
11 46 16 00-0047		Tray And Silver Dispensers *(11 46 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0048	EA	Tray And Silver Dispensers Mobile	2,810.93	22.38
11 46 16 00-0049		**Condiment Dispensers** *(11 46 16)*		
11 46 16 00-0050	EA	Butter Pat Dispenser	163.74	28.01
11 46 16 00-0051	EA	Bread Dispenser, Counter Top	464.22	28.01
11 46 16 00-0052		**Sandwich Rack Warmer** *(11 46 16)*		
11 46 16 00-0053	EA	18 Compartment, 2 Tier Sandwich Rack Warmer	3,511.46	115.46
11 46 16 00-0054		**Mobile Bread Counter** *(11 46 16)*		
11 46 16 00-0055	EA	Mobile Bread And Roll Counter	8,060.67	259.56
11 46 16 00-0056		**Open Service Stand** *(11 46 16)*		
11 46 16 00-0057	EA	6' Open Service Stand	3,114.43	96.52
11 46 16 00-0058	LF	Each Additional Foot Over 6 Foot Add	426.08	13.05
11 46 16 00-0059		**Mobile Serving Stand Unit** *(11 46 16)*		
11 46 16 00-0060	EA	36" Mobile Serving Stand Unit	2,719.46	92.31
11 46 16 00-0061	EA	96" Mobile Serving Stand Unit	4,471.03	138.36
11 46 16 00-0062		**Reach-In Heated Cabinets** *(11 46 16)*		
11 46 16 00-0063	EA	Heated Cabinet, Reach-in, 1 Compartment	5,505.89	172.59
11 46 16 00-0064	EA	Heated Cabinet, Reach-in, 2 Compartment	7,934.50	217.11
11 46 16 00-0065	EA	Heated Cabinet, 1 Compartment, Pass-Through Roll-In	5,763.93	172.59
11 46 16 00-0066	EA	Heated Cabinet, Pass-Through, Roll-In 2 Compartment	8,309.52	217.11
11 46 16 00-0067		**Mobile Heated Cabinets** *(11 46 16)*		
11 46 16 00-0068	EA	Mobile, Heated Cabinet	6,190.12	55.94
11 46 16 00-0069		**Smoothie Machine** *(11 46 16)*		
11 46 16 00-0070	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control And Two 64 Ounce Polycarbonate Containers (Avamix BX2000T2J)	341.85	25.01
11 46 16 00-0071	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control And One 64 Ounce Polycarbonate Container (Avamix BX2000T)	299.71	25.01
11 46 16 00-0072	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control, Adjustable Speed, And Two 64 Ounce Polycarbonate Containers (Avamix BX2000V2J)	363.47	25.01
11 46 16 00-0073	EA	Smoothie Machines 3-1/2 HP Commercial Blender With Touchpad Control, Adjustable Speed, And Two 64 Ounce Polycarbonate Containers (Avamix BX2100E2J)	374.28	25.01
11 46 16 00-0074	EA	Smoothie Machines 2 HP Commercial Blender With Toggle Control And 64 Ounce Polycarbonate Container (Avamix BL2T64)	197.84	25.01
11 46 16 00-0075		**Refrigerated Buffet Display Table** *(11 46 16)*		
11 46 16 00-0076	EA	35" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-36-N)	3,262.46	25.01
11 46 16 00-0077	EA	47" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-48-N)	4,323.47	25.01
11 46 16 00-0078	EA	59" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-60-N)	4,995.61	25.01
11 46 16 00-0079	EA	71" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-72-N)	5,851.22	25.01
11 46 16 00-0080		**Refrigerated Bakery Display Case** *(11 46 16)*		
11 46 16 00-0081	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC36HCW)	2,339.08	22.38
11 46 16 00-0082	EA	26-1/2" Length x 47-7/8" Width x 48" Height, 48" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC48HCB)	2,683.38	22.38
11 46 16 00-0083	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 48" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC48HCW)	2,689.73	25.60
11 46 16 00-0084	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC60HCB)	2,919.27	25.60
11 46 16 00-0085	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC60HCW)	2,919.27	25.60
11 46 16 00-0086	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC72HCB)	3,743.52	25.60
11 46 16 00-0087	EA	26-1/2" Length x 72-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Bakery Display Case, White (Avantco 193BC72HCW)	3,743.52	25.60
11 46 16 00-0088	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, Refrigerant R-290, Full Service Two Tier Refrigerated Bakery Display Case, White (Turbo Air TBP3646NW)	4,713.54	29.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0089	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 1 Shelf, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, Black (Turbo Air TBP3646FN)	5,993.69	29.80
11 46 16 00-0090	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 1 Shelf, Two Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP3646NN)	4,713.54	29.80
11 46 16 00-0091	EA	27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3646FW)	5,993.69	29.80
11 46 16 00-0092	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP3654NW)	4,993.37	29.80
11 46 16 00-0093	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3654F)	4,993.37	29.80
11 46 16 00-0094	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP3654NN)	4,993.37	29.80
11 46 16 00-0095	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP4846NN)	5,307.52	29.80
11 46 16 00-0096	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP4846FW)	6,751.08	29.80
11 46 16 00-0097	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, White (Turbo Air TBP4846NW)	5,307.52	29.80
11 46 16 00-0098	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP4846FD)	6,357.38	29.80
11 46 16 00-0099	EA	27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Black Refrigerated Bakery Display Case With Lift-Up Front Glass (Turbo Air TBP4846FN)	6,751.08	29.80
11 46 16 00-0100	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP4854FW)	7,152.01	29.80
11 46 16 00-0101	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP4854NW)	5,622.41	29.80
11 46 16 00-0102	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP4854FD)	6,734.81	29.80
11 46 16 00-0103	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Black Refrigerated Bakery Display Case With Lift-Up Front Glass (Turbo Air TBP4854FN)	7,152.01	29.80
11 46 16 00-0104	EA	27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP4854NN)	5,622.41	29.80
11 46 16 00-0105	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP6046FW)	7,400.37	29.80
11 46 16 00-0106	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP6046FD)	6,968.71	29.80
11 46 16 00-0107	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, Black (Turbo Air TBP6046FN)	7,400.37	29.80
11 46 16 00-0108	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP6046NN)	7,400.37	29.80
11 46 16 00-0109	EA	27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP6054FD)	7,383.02	29.80
11 46 16 00-0110	EA	27-1/2" Length x 59" Width x 52-3/8" Height, 36" Curved Glass, 2 Shelves, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco 193BC36HCB)	2,359.40	32.58
11 46 16 00-0111	EA	27-1/2" Length x 59" Width x 52-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP6054FW)	7,846.08	32.58
11 46 16 00-0112	EA	27-1/2" Length x 59" Width x 52-3/8" Height, 59" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP6054NW)	6,167.91	32.58
11 46 16 00-0113	EA	27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3654FW)	6,350.52	29.80
11 46 16 00-0114	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Dry Refrigerated Bakery Display Case, White (Turbo Air TCGB36RWN)	2,382.95	32.58
11 46 16 00-0115	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Flat Glass, 2 Shelves, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, Black (Turbo Air TCGB36FBN)	8,104.93	32.58
11 46 16 00-0116	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Flat Glass, 2 Shelves, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB36FWN)	8,104.93	32.58
11 46 16 00-0117	EA	34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB362WN)	8,104.93	32.58
11 46 16 00-0118	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Dry Bakery Display Case, White (Turbo Air TCGB48DWN)	5,452.71	32.58
11 46 16 00-0119	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Flat Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Open, Refrigerated Bakery Display Case, Black (Turbo Air TCGB48FBN)	9,759.97	32.58
11 46 16 00-0120	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Flat Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB48FWN)	9,759.97	32.58
11 46 16 00-0121	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Curved Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB482WN)	9,759.97	32.58
11 46 16 00-0122	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Dry Bakery Display Case, White (Turbo Air TCGB60DWN)	6,267.61	32.58
11 46 16 00-0123	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Turbo Air TCGB60FBN)	9,913.62	32.58
11 46 16 00-0124	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB60FWN)	15,462.44	32.58
11 46 16 00-0125	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dry Refrigerated Bakery Display Case, White (Turbo Air TCGB602WN)	15,462.44	32.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0126	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB722WN)	10,365.54	35.80
11 46 16 00-0127		Dry Bakery Display Case *(11 46 16)*		
11 46 16 00-0128	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD36B)	1,693.57	22.38
11 46 16 00-0129	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD36W)	1,693.57	22.38
11 46 16 00-0130	EA	26-1/2" Length x 47.8" Width x 48" Height, 48" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD48B)	1,876.87	22.38
11 46 16 00-0131	EA	26-1/2" Length x 47.8" Width x 48" Height, 48" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD48W)	1,876.87	22.38
11 46 16 00-0132	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD60B)	2,158.18	25.60
11 46 16 00-0133	EA	26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD60W)	2,570.61	25.60
11 46 16 00-0134	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD72B)	2,515.62	25.60
11 46 16 00-0135	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD72W)	2,515.62	25.60
11 46 16 00-0136	EA	27-1/2" Length x 36-3/8" Width x 44-3/8" Height, 73-11/16" Curved Glass, 1 Shelf, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air TBP3646FN)	5,272.35	29.80
11 46 16 00-0137	EA	27-1/2" Length x 36-3/8" Width x 44-3/8" Height, 73-11/16" Curved Glass, 1 Shelf, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air TBP3646FW)	10,485.01	29.80
11 46 16 00-0138	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Turbo Air TCGB72DWN)	7,707.64	35.80
11 46 16 00-0139	EA	35-3/4" Length x 37-1/4" Width x 48-9/16" Height, 37-1/4" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Beverage-Air CDR3HCWD)	5,113.26	32.58
11 46 16 00-0140	EA	35-3/4" Length x 36-1/4" Width x 48-9/16" Height, 37-1/4" Curved Glass, 2 Shelves, 2 Doors, Dry Bakery Display Case, Black (Beverage-Air CDR3HCBD)	5,113.26	32.58
11 46 16 00-0141	EA	35-3/4" Length x 49-1/4" Width x 48-9/16" Height, 49-1/4" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air CDR4HCBD)	5,113.26	32.58
11 46 16 00-0142	EA	35-3/4" Length x 49-1/4" Width x 48-9/16" Height, 49-1/4" Curved Glass, 2 Doors, 2 Shelves, Dry Bakery Display Case, White (Beverage-Air CDR4HCWD)	5,113.26	32.58
11 46 16 00-0143	EA	35-3/4" Length x 60-1/4" Width x 48-9/16" Height, 60-1/4" Curved Glass, 2 Shelves, 2 Doors, Dry Bakery Display Case, Black (Beverage-Air CDR5HCBD)	5,318.10	32.58
11 46 16 00-0144	EA	35-3/4" Length x 60-1/4" Width x 48-9/16" Height, 60-1/4" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air CDR5HCWD)	5,318.10	32.58
11 46 16 00-0145	EA	35-3/4" Length x 73-11/16" Width x 48-9/16" Height, 73-11/16" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air CDR6HCBD)	5,749.90	35.80
11 46 16 00-0146	EA	35-3/4" Length x 73-11/16" Width x 48-9/16" Height, 73-11/16" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, White(Beverage-Air CDR6HCWD)	5,749.90	35.80
11 46 16 00-0147		Dual Dry/Refrigerated Bakery Display Case *(11 46 16)*		
11 46 16 00-0148	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Dual Dry/Refrigerated Bakery Display Case, Black (Turbo Air TCGB60UFCBON)	16,786.17	32.58
11 46 16 00-0149	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB60UFCOWN)	16,786.17	32.58
11 46 16 00-0150	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 4 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, Refrigerant R-290, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB60COWN)	16,786.17	32.58
11 46 16 00-0151	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB72UFCOWN)	16,792.70	35.80
11 46 16 00-0152	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 4 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB72COWN)	17,236.95	35.80
11 46 16 00-0153		Refrigerated Deli Case *(11 46 16)*		
11 46 16 00-0154	EA	30" Length x 72-1/2" Width x 41-7/8" Height, 72" Low Profile Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD72LWN)	9,046.86	119.32
11 46 16 00-0155	EA	30" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD72HWN)	9,046.86	119.32
11 46 16 00-0156	EA	30" Length x 96-1/2" Width x 41-7/8" Height, 96" Low Profile Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD96LWN)	10,365.23	119.32
11 46 16 00-0157	EA	30" Length x 96-1/2" Width x 5-1/8" Height, 96" Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degree Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD96HWN)	10,365.23	119.32
11 46 16 00-0158	EA	32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC36HCB)	2,121.95	71.61
11 46 16 00-0159	EA	32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Doors, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC36HCS)	2,309.09	71.61
11 46 16 00-0160	EA	32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahreheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC36HCW)	2,121.95	71.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0161	EA	32-1/2" Length x 47-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC47HCB)	2,404.00	89.51
11 46 16 00-0162	EA	32-1/2" Length x 47-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC47HCS)	2,610.84	89.51
11 46 16 00-0163	EA	32-1/2" Length x 64-1/3" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC64HCW)	2,818.28	119.32
11 46 16 00-0164	EA	32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC64HCB)	2,818.28	119.32
11 46 16 00-0165	EA	32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC64HCS)	3,182.71	119.32
11 46 16 00-0166	EA	32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC47HCW)	2,463.70	119.32
11 46 16 00-0167	EA	32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC82HCB)	3,074.36	119.32
11 46 16 00-0168	EA	32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC82HCW)	3,074.36	119.32
11 46 16 00-0169	EA	32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC82HCS)	3,379.69	119.32

11 46 19 Soda Fountain Equipment *(11 46)*

11 46 19 00-0001 Carbonated Beverage Dispensing *(11 46 19)*

11 46 19 00-0002	EA	Carbonated Beverage Dispenser	3,843.64	420.66
11 46 19 00-0003	EA	Carbonated Beverage Dispenser With 90 LB Ice	6,106.09	480.70
11 46 19 00-0004	EA	Carbonated Beverage Dispenser With 150 LB Ice	11,236.28	672.96

11 46 19 00-0005 Beverage Chilling Systems *(11 46 19)*

11 46 19 00-0006	EA	Beverage Chiller, Small	10,910.73	332.89
11 46 19 00-0007	EA	Beverage Chiller, Large	20,556.01	499.39

11 46 83 Ice Machines *(11 46)*

11 46 83 00-0001 Undercounter Ice Machines With Bin *(11 46 83)*

11 46 83 00-0002	EA	53 LB/Day, Air Cooled Undercounter Octagonal Cube Ice Machine Wiith 25 LB Capacity Bin (Manitowoc SM-50A 115/60/1)	2,418.83	22.38
11 46 83 00-0003	EA	85 LB/Day, Air Cooled Undercounter Pearl/Nugget Ice Machine With 22 LB Capacity Bin (Ice-O-Matic GEMU090)	3,883.81	181.18
11 46 83 00-0004	EA	137 LB/Day, Air Cooled Undercounter Half Dice Cube Ice Machine With 90 LB Capacity Bin (Manitowoc UYF0140A)	2,958.46	181.18
11 46 83 00-0005	EA	100 LB/Day, Undercounter, Air Cooled Ice Machine With 57 LB Capacity Bin (Scotsman CU0920MA)	2,887.69	181.18
11 46 83 00-0006	EA	227 LB/Day, Undercounter, Air Cooled Ice Machine With 80 Lb Capacity Bin (Scotsman UC2024SA)	3,110.60	194.13
11 46 83 00-0007	EA	282 LB/Day, Undercounter, Air Cooled Ice Machine With 80 Lb Capacity Bin (Scotsman UC2724SA)	3,479.69	194.13

11 46 83 00-0008 Ice Cube Maker *(11 46 83)*

11 46 83 00-0009	EA	320 LB/Day, Modular Ice Maker Without Bin	3,931.39	194.13
11 46 83 00-0010	EA	451 LB/Day, Modular Ice Maker Without Bin	4,272.45	207.07
11 46 83 00-0011	EA	600 LB/Day, Modular Ice Maker Without Bin	4,893.70	207.07
11 46 83 00-0012	EA	901 LB/Day, Modular Ice Maker Without Bin	7,002.35	220.01
11 46 83 00-0013	EA	1301 LB/Day, Modular Ice Maker Without Bin	7,948.11	220.01
11 46 83 00-0014	EA	1601 LB/Day, Modular Ice Maker Without Bin	9,584.11	232.95
11 46 83 00-0015	EA	1900 LB/Day, Modular Ice Maker Without Bin	10,589.19	232.95

11 46 83 00-0016 Ice Flakers *(11 46 83)*

11 46 83 00-0017	EA	300 LB/Day, Ice Flakers	7,982.03	542.51
11 46 83 00-0018	EA	600 LB/Day, Ice Flakers	14,540.78	868.02
11 46 83 00-0019	EA	1,000 LB/Day, Ice Flakers	17,884.57	1,193.53
11 46 83 00-0020	EA	2,000 LB/Day, Ice Flakers	21,972.24	1,302.03

11 46 83 00-0021 Ice Storage Bins *(11 46 83)*

11 46 83 00-0022	EA	260 LB Capacity, Stainless Steel Ice Storage Bin	1,567.68	134.26
11 46 83 00-0023	EA	360 LB Capacity, Stainless Steel Ice Storage Bin	1,719.52	134.26
11 46 83 00-0024	EA	550 LB Capacity, Stainless Steel Ice Storage Bin	2,146.84	145.45
11 46 83 00-0025	EA	660 LB Capacity, Stainless Steel Ice Storage Bin	2,315.56	145.45
11 46 83 00-0026	EA	1150 LB Capacity, Stainless Steel Ice Storage Bin	4,446.96	156.64

11 48 Foodservice Cleaning and Disposal Equipment *(11 40)*

11 48 13 Commercial Dishwashers *(11 48)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 48 13 00-0001		**Rack Type Dishwasher** *(11 48 13)*		
11 48 13 00-0002	EA	Dishwasher, 1 Tank And 190 To 230 Racks/Hour	20,380.94	921.87
11 48 13 00-0003	EA	Dishwasher, 2 Tanks And 234 To 260 Racks/Hour	32,982.69	1,138.79
11 48 13 00-0004	EA	Dishwasher, 2 Tanks And 265 To 290 Racks/Hour	39,394.02	1,301.47
11 48 13 00-0005		**Undercounter Type Dishwasher** *(11 48 13)*		
11 48 13 00-0006	EA	High Speed, Undercounter Commercial Dishwasher (Hobart LX30-H)	6,476.53	189.80
11 48 13 00-0007	EA	1.2 Gallons Per Rack, 120 To 140 Degrees Fahrenheit, 115 Volt, Low Temperature Undercounter Dishwasher (Noble WF-UL30-NO-115)	4,663.06	179.02
11 48 13 00-0008	EA	1.2 Gallons Per Rack, 120 To 140 Degrees Fahrenheit, 115 Volt, Low Temperature Undercounter Dishwasher (Jackson DISHSTAR LT UNDERCOUNTER)	7,024.20	179.02
11 48 13 00-0009	EA	1.1 Gallons Per Rack, 150 To 180 Degrees Fahrenheit Temperature Range, High Temperature Undercounter Dishwasher (Noble WF-UH30-FND-NO)	5,004.60	179.02
11 48 13 00-0010	EA	1.1 Gallons Per Rack, 150 To 180 Degrees Fahrenheit Temperature Range, 208/230 Volt, High Temperature Undercounter Dishwasher (Jackson DISHSTAR HT)	7,322.69	179.02
11 48 13 00-0011	EA	0.65 Gallons Per Rack, 155 To 180 Degrees Fahrenheit Temperature Range, 208/230V, 1 Phase, Energy Efficient High Temperature Undercounter Dishwasher (Jackson DISHSTAR HTE)	7,619.69	179.02
11 48 13 00-0012	EA	0.65 Gallons Per Rack, 155 To 180 Degrees Fahrenheit Temperature Range, 208/230 Volt, 1 Phase, High Temperature Undercounter Dishwasher With Energy Recovery (Jackson DSTR HT-SEER)	8,789.87	179.02
11 48 13 00-0013	EA	0.65 Gallons Per Rack, 155 To 180 Degrees Fahrenheit Temperature Range, 208/230 Volt, 1 Phase, High Temperature Undercounter Dishwasher With Energy Recovery (Jackson TEMPSTAR-HH VER)	20,206.55	179.02
11 48 13 00-0014	EA	0.74 Gallons Per Rack, 180 Degrees Fahrenheit, 120/208-240 Volt, Hot Water Sanitizing, Undercounter Dishwasher (Hobart LXEH-2)	11,359.17	179.02
11 48 13 00-0015	EA	0.62 Gallons Per Rack, 180 Degrees Fahrenheit, 120/208-240 Volt, Hot Water Sanitizing, Undercounter Dishwasher With Energy Recovery (Hobart LXER-2)	12,175.55	179.00
11 48 13 00-0016		**Exhaust Hood Dishwasher** *(11 48 13)*		
11 48 13 00-0017	EA	4' x 4' x 2' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	2,503.30	208.67
11 48 13 00-0018	EA	4' x 4' x 7' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	4,340.47	250.40
11 48 13 00-0019		**Dish Tables** *(11 48 13)*		
11 48 13 00-0020	LF	Clean/Soiled Dish Table, Basic	291.60	41.65
11 48 13 00-0021	LF	Clean/Soiled Dish Table With Trough	459.15	62.43
11 48 13 00-0022	LF	Clean/Soiled Dish Table, Maximum	554.21	83.20
11 48 13 00-0023		**Sprays And Hoses** *(11 48 13)*		
11 48 13 00-0024		**Sprays, Fillers** *(11 48 13 00-0023)*		
11 48 13 00-0025	EA	Pre-Rinse Spray	444.88	79.05
11 48 13 00-0026	EA	Kettle Fillers	387.54	79.05
11 48 13 00-0027		**Hoses** *(11 48 13 00-0023)*		
11 48 13 00-0028	EA	Hose Reel	533.85	94.90
11 48 13 00-0029	EA	Wash-Down Hose	419.17	94.90
11 48 13 00-0030	EA	Hose Reel And Spray System With Accessories (Chicago 535NF)	1,441.26	
11 48 13 00-0031		**Commercial Dishwashers** *(11 48 13)*		
11 48 13 00-0032	EA	1.16 Gallons Per Rack, 120 To 140 Degrees Fahrenheit, Single Rack, Low Temperature Glass Washer/Dishwasher (Noble WF-DG-E-NO 115/1)	5,645.93	477.36
11 48 13 00-0033	EA	1.2 Gallons Per Rack, 120 To 140 Degrees Fahrenheit, 115 Volt, Low Temperature Dishwasher (Noble WF-HT180-D-7-NO)	9,489.30	179.02
11 48 13 00-0034	EA	1.02 Gallons Per Rack, 120 Degrees Fahrenheit, 115 Volt, Single Rack, Low Temperature Door-Type Dish Machine (Noble WF-I-E-NO 115)	5,005.75	550.85
11 48 13 00-0035	EA	2.23 Gallons Per Rack, 130 Degrees Fahrenheit, 115 Volt, Electric Carousel Type Underbar Glass Washer (Noble WF-CG-115-NO)	5,851.06	179.02
11 48 13 00-0036	EA	2.23 Gallons Per Rack, 130 Degrees Fahrenheit, 208 To 230 Volt, Electric Carousel Type Underbar Glass Washer (Noble WF-CG NOBLE LABEL)	5,851.06	179.02
11 48 13 00-0037	EA	1.61 Gallons Per Rack, 140 Degrees Fahrenheit, 115 Volt, Dual Functionality, Low Temperature Door Type Dish/Pot And Pan Washer (Noble 1-HH-NO)	5,644.31	550.85
11 48 13 00-0038	EA	1.36 Gallons Per Rack, 140 Degrees Fahrenheit, 208/230 Volt, 1 Phase, Dual Functionality, High Temperature Tall Dish/Pot And Pan Washer (Noble WF-HT-180HH-NO)	11,940.71	550.85
11 48 13 00-0039	EA	1.561 Gallons Per Rack, 145 Degrees Fahrenheit, 115 Volt, Dual Functionality, Low Temperature Door Type Dish/Pot And Pan Washer (Noble WF-I-E-A-LTH-NO)	7,188.71	550.85
11 48 13 00-0040	EA	1.02 Gallons Per Rack, 145 Degrees Fahrenheit, 208/230 Volt, 1 Phase, Dual Benefit, Low Temperature Door Type Dishwasher (Noble WF-IE-LTH-NO)	7,025.35	550.85
11 48 13 00-0041	EA	0.75 Gallons Per Rack, 150 To 180 Degrees Fahrenheit Temperature Range, 208/230 Volt, Door Type Dishwasher High Hood With Electric Booster Heater (Jackson TEMPSTAR-HH)	16,771.41	550.85
11 48 13 00-0042	EA	1.17 Gallons Per Rack, 150 To 180 Degrees Fahrenheit Temperature Range, 115 Volt, Double Rack Low Temperature Dishwasher (Noble WF-II-NO)	7,040.21	550.85
11 48 13 00-0043	EA	1.36 Gallons Per Rack, 150 To 180 Degrees Fahrenheit Temperature Range, 208/230 Volt, 3 Phase, High Temperature Dual Functionality Tall Dish/Pot And Pan Washer (Noble WF-HT-180HH-NO)	11,940.71	550.85
11 48 13 00-0044	EA	60 Second Wash Cycle Time, 8 Gallon Tank, Single Cycle, Select Single Rack High/Low Temperature, Straight/Corner Dishwasher (Noble HT-180EC1)	7,797.55	550.85
11 48 13 00-0045	EA	4 Cycles, 40 Racks Per Hour, 60 To 360 Second Wash Cycle Time, 14 Gallon, 208-240 Volt, 1 Phase, Ventless High Temperature Dishwasher With Booster Heater (Hobart AM15VL-6)	27,595.43	550.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 48 13 00-0046	EA	208-240 Volt, 3 Phase, Ventless, Tall High Temperature Dishwasher With Booster Heater (Hobart AM15VLT-2)	32,624.32	550.85
11 48 13 00-0047	EA	208/230 Volt, 3 Phase, 0.89 Gallons Per Rack, 110 Degrees Fahrenheit, Multi Cycle, High Temperature Dishwasher (Noble WF-HT180-A-7-NO)	10,232.95	550.85

11 48 16 Foodservice Disposal Equipment *(11 48)*

11 48 16 00-0001 Garbage Disposals *(11 48 16)*

Note: Manual switch.

11 48 16 00-0002	EA	1/2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	1,553.72	146.42
11 48 16 00-0003	EA	3/4 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	1,965.56	151.84
11 48 16 00-0004	EA	1 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,111.38	157.26
11 48 16 00-0005	EA	1.5 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,767.72	162.69
11 48 16 00-0006	EA	2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	3,019.14	178.95
11 48 16 00-0007	EA	3 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	4,267.89	195.22
11 48 16 00-0008	EA	5 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	5,102.72	216.91
11 48 16 00-0009	EA	7-1/2 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	7,113.74	233.18
11 48 16 00-0010	EA	10 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	9,377.10	244.02

11 48 16 00-0011 Pulper/Extractors *(11 48 16)*

11 48 16 00-0012	EA	5 HP, Pulper/Extractor, Close-Coupled	6,205.30	225.91

11 50 Educational and Scientific Equipment *(11)*

11 51 Library Equipment *(11 50)*

11 51 19 Book Theft Protection Equipment *(11 51)*

11 51 19 00-0001 LA DPW Book Detection System *(11 51 19)*

11 51 19 00-0002	EA	Dual Corridor Book Detection System, 36" Corridor, Buried Cable With Closed Panels (3M 3902, Dual, 36" BC, Closed Panel)	67,183.94	

Note: Designer Series Insert: Ecipse or Courier. Pedestal Color: Silver or Black. Excludes any accessory items (sensitizers, desensitizers, bookchecks, selfchecks, strips, etc.). Blockouts, conduit, concrete fill, electrical service and all other site prep for system and electronics enclosure to be by others.

11 52 Audio-Visual Equipment *(11 50)*

11 52 13 Projection Screens *(11 52)*

11 52 13 13 Fixed Projection Screens *(11 52 13)*

11 52 13 13-0001 Screens *(11 52 13 13)*

11 52 13 13-0002 Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model B) *(11 52 13 13-0001)*

11 52 13 13-0003	EA	40" x 40" Pull Down Projection Screen (Da-Lite B)	372.51	70.37
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0004	EA	50" x 50" Pull Down Projection Screen (Da-Lite B)	441.28	90.48
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0005	EA	60" x 60" Pull Down Projection Screen (Da-Lite B)	550.26	125.66
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0006	EA	70" x 70" Pull Down Projection Screen (Da-Lite B)	634.12	150.79
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0007	EA	84" x 84" Pull Down Projection Screen (Da-Lite B)	986.44	226.20
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0008	EA	96" x 96" Pull Down Projection Screen (Da-Lite B)	1,171.05	251.33
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0009	EA	64" x 84" Pull Down Projection Screen (Da-Lite B)	855.75	160.85
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0010	EA	72" x 96" Pull Down Projection Screen (Da-Lite B)	969.77	201.06
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0011	EA	43" x 57" Pull Down Projection Screen (Da-Lite B)	537.02	85.45
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0012	EA	50" x 67" Pull Down Projection Screen (Da-Lite B)	741.74	120.63
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0013	EA	55" x 77" Pull Down Projection Screen (Da-Lite B)	805.49	135.72
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0014	EA	60" x 80" Pull Down Projection Screen (Da-Lite B)	859.18	145.77
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0015	EA	69" x 92" Pull Down Projection Screen (Da-Lite B)	986.67	175.93
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0016	EA	45" x 80" Pull Down Projection Screen (Da-Lite B)	818.97	125.66
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0017	EA	52" x 92" Pull Down Projection Screen (Da-Lite B)	926.35	145.77
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0018		Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C) *(11 52 13 13-0001)*		
11 52 13 13-0019	EA	50" x 50" Pull Down Projection Screen (Da-Lite C)	911.51	90.48
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0020	EA	60" x 60" Pull Down Projection Screen (Da-Lite C)	1,054.08	125.66
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0021	EA	70" x 70" Pull Down Projection Screen (Da-Lite C)	1,211.73	170.91
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0022	EA	84" x 84" Pull Down Projection Screen (Da-Lite C)	1,389.50	226.20
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0023	EA	6' x 8' Pull Down Projection Screen (Da-Lite C)	1,533.91	231.22
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0024	EA	8' x 8' Pull Down Projection Screen (Da-Lite C)	1,641.28	251.33
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0025	EA	7' x 9' Pull Down Projection Screen (Da-Lite C)	1,674.87	251.33
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0026	EA	9' x 9' Pull Down Projection Screen (Da-Lite C)	1,805.80	266.41
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0027	EA	8' x 10' Pull Down Projection Screen (Da-Lite C)	1,936.73	281.48
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0028	EA	10' x 10' Pull Down Projection Screen (Da-Lite C)	2,077.69	301.60
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0029	EA	9' x 12' Pull Down Projection Screen (Da-Lite C)	2,346.40	301.60
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0030	EA	12' x 12' Pull Down Projection Screen (Da-Lite C)	2,681.82	402.13
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0031		Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C With CSR) *(11 52 13 13-0001)*		
		Note: With controlled screen return.		
11 52 13 13-0032	EA	60" x 60" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,725.84	125.66
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0033	EA	70" x 70" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,917.08	170.91
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0034	EA	84" x 84" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,094.84	226.20
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0035	EA	6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,205.67	231.22
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0036	EA	8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,346.63	251.33
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0037	EA	7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,380.22	251.33
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0038	EA	9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,511.14	266.41
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0039	EA	8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,564.84	276.46
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0040	EA	10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,883.81	301.60
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0041	EA	9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	3,186.10	301.60
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0042	EA	12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	3,588.70	402.13
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0043		Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Cosmopolitan Electrol) *(11 52 13 13-0001)*		
		Note: Heavy-duty screen for exposed installation.		
11 52 13 13-0044	EA	50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,373.24	113.09
11 52 13 13-0045	EA	60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,423.99	125.66
11 52 13 13-0046	EA	70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,522.94	150.79
11 52 13 13-0047	EA	84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,894.07	226.20
11 52 13 13-0048	EA	6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,965.62	231.22
11 52 13 13-0049	EA	8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,146.74	251.33
11 52 13 13-0050	EA	7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,210.79	251.33
11 52 13 13-0051	EA	9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,368.96	268.92
11 52 13 13-0052	EA	8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,565.76	281.48
11 52 13 13-0053	EA	10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,690.51	301.60
11 52 13 13-0054	EA	9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,805.80	301.60
11 52 13 13-0055	EA	12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	4,206.72	402.13
11 52 13 13-0056		Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Professional Electrol) *(11 52 13 13-0001)*		
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0057	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	6,309.78	301.60
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0058	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	6,779.56	402.13
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0059	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	8,425.13	452.39
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0060	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	8,861.54	502.65
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0061	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	9,398.49	603.18
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0062	EA	13.5' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	10,506.65	653.46
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0063	EA	18' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	11,514.07	703.72
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0064	EA	15' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	12,185.83	703.72
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0065	EA	20' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	13,092.24	804.25
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0066	EA	11' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	12,186.05	653.46
		Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0067	EA	16.5' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	12,823.53	804.25
		Note: Heavy-duty screen for exposed or recessed installation without doors.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0068	EA	22' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	13,360.47	904.78
11 52 13 13-0069	EA	12' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	12,958.35	703.72
11 52 13 13-0070	EA	18' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	16,719.27	904.78
11 52 13 13-0071		Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Executive Electrol) *(11 52 13 13-0001)* Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0072	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,932.80	113.09
11 52 13 13-0073	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,058.70	125.66
11 52 13 13-0074	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,176.14	150.79
11 52 13 13-0075	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,562.05	226.20
11 52 13 13-0076	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,639.28	231.22
11 52 13 13-0077	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,881.01	251.33
11 52 13 13-0078	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,082.54	251.33
11 52 13 13-0079	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,218.49	268.92
11 52 13 13-0080	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,411.57	281.48
11 52 13 13-0081	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,586.13	301.60
11 52 13 13-0082	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,653.30	301.60
11 52 13 13-0083	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	8,190.25	402.13
11 52 13 13-0084	EA	10.6' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	8,777.93	427.26
11 52 13 13-0085	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	9,164.07	452.39
11 52 13 13-0086	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	10,003.54	502.65
11 52 13 13-0087	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	10,372.55	603.18
11 52 13 13-0088		Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Senior Electrol) *(11 52 13 13-0001)* Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0089	EA	50" x 50" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,911.73	113.09
11 52 13 13-0090	EA	60" x 60" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,009.01	138.23
11 52 13 13-0091	EA	70" x 70" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,064.38	150.79
11 52 13 13-0092	EA	84" x 84" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,312.57	226.20
11 52 13 13-0093	EA	6' x 8' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,352.86	231.22
11 52 13 13-0094	EA	8' x 8' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,520.70	251.33
11 52 13 13-0095	EA	7' x 9' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,698.71	251.33
11 52 13 13-0096	EA	9' x 9' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,972.38	268.92
11 52 13 13-0097	EA	8' x 10' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,044.54	281.48
11 52 13 13-0098	EA	10' x 10' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,229.17	301.60
11 52 13 13-0099	EA	9' x 12' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,195.36	351.86
11 52 13 13-0100	EA	12' x 12' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,766.12	402.13
11 52 13 13-0101	EA	10'-6" x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	8,489.07	427.26
11 52 13 13-0102	EA	14' x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	8,858.42	452.39
11 52 13 13-0103	EA	12' x 16' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	9,580.33	502.65
11 52 13 13-0104	EA	16' x 16' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	9,922.47	603.18
11 52 13 13-0105	EA	13'-6" x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	10,812.30	653.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0106	EA	18' x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	11,473.75	703.72
11 52 13 13-0107	EA	15' x 20' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	11,964.14	703.72
11 52 13 13-0108	EA	20' x 20' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	13,213.15	804.25
11 52 13 13-0109	EA	50" x 67" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,064.38	150.79
11 52 13 13-0110	EA	60" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,262.31	201.06
11 52 13 13-0111	EA	69" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,342.80	226.20
11 52 13 13-0112	EA	87" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,078.13	281.48
11 52 13 13-0113	EA	105" x 140" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,474.14	351.86
11 52 13 13-0114	EA	123" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	8,015.36	452.39
11 52 13 13-0115	EA	141" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	8,471.70	552.92
11 52 13 13-0116	EA	12' x 24' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	15,033.86	753.99
11 52 13 13-0117	EA	45" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,279.11	201.06
11 52 13 13-0118	EA	52" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,393.18	226.20
11 52 13 13-0119	EA	54" x 96" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,520.75	241.28
11 52 13 13-0120	EA	58" x 104" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,591.19	261.38
11 52 13 13-0121	EA	65" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,916.91	281.48
11 52 13 13-0122	EA	78" x 139" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,346.50	351.86
11 52 13 13-0123	EA	92" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	7,924.67	452.39
11 52 13 13-0124	EA	106" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	9,140.10	552.92
11 52 13 13-0125	EA	119" x 212" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	11,104.52	653.46
11 52 13 13-0126		Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Boardroom Electrol) *(11 52 13 13-0001)* Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0127	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,691.94	113.09
11 52 13 13-0128	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,778.56	125.66
11 52 13 13-0129	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,874.95	150.79
11 52 13 13-0130	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,184.59	226.20
11 52 13 13-0131	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,245.89	231.22
11 52 13 13-0132	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,396.26	251.33
11 52 13 13-0133	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,567.92	251.33
11 52 13 13-0134	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,713.28	268.92
11 52 13 13-0135	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,820.41	281.48
11 52 13 13-0136	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,991.28	301.60
11 52 13 13-0137	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,168.06	301.60
11 52 13 13-0138	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,517.73	402.13
11 52 13 13-0139		Electric Ascending Project Screen, Matte White, Glass Beaded (Da-Lite Ascender Electrol) *(11 52 13 13-0001)* Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated.		
11 52 13 13-0140	EA	60" x 80" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	15,210.84	251.33
11 52 13 13-0141	EA	69" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	16,251.83	301.60
11 52 13 13-0142	EA	87" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	18,837.41	452.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0143	EA	105" x 140" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	23,706.98	603.18
11 52 13 13-0144	EA	120" x 160" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	26,259.20	703.72
11 52 13 13-0145	EA	52" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	16,151.30	251.33
11 52 13 13-0146	EA	58" x 104" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	17,628.94	301.60
11 52 13 13-0147	EA	65" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	18,636.35	351.86
11 52 13 13-0148	EA	78" x 139" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	23,405.38	452.39
11 52 13 13-0149		Electric Rear Projection Screen (Da-Lite DA-View) *(11 52 13 13-0001)* Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed.		
11 52 13 13-0150	EA	60" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	4,424.47	251.33
11 52 13 13-0151	EA	67" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	5,564.74	276.46
11 52 13 13-0152	EA	72" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	6,378.00	301.60
11 52 13 13-0153	EA	84" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	11,551.28	326.73
11 52 13 13-0154	EA	90" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	12,800.54	12,448.68
11 52 13 13-0155	EA	96" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	14,209.07	402.13
11 52 13 13-0156	EA	100" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	18,233.60	452.39
11 52 13 13-0157	EA	120" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	24,656.13	502.65
11 52 13 13-0158	EA	125" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	27,590.67	552.92
11 52 13 13-0159	EA	135" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	36,956.20	603.18
11 52 13 13-0160		Screen Accessories *(11 52 13 13-0001)*		
11 52 13 13-0161		Manual Pull Down Accessories *(11 52 13 13-0160)*		
11 52 13 13-0162	EA	6" Mounting Bracket (Pair)	75.54	7.54
11 52 13 13-0163	EA	14" Wall Mounting Bracket (Pair)	109.13	8.04
11 52 13 13-0164	EA	14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair)	129.28	9.05
11 52 13 13-0165		Electric Powered Screen Accessories *(11 52 13 13-0160)*		
11 52 13 13-0166	EA	Single Motor Low Voltage Remote Control System - Infrared	827.87	
11 52 13 13-0167	EA	Single Motor Low Voltage Remote Control System - Radio Frequency	1,197.34	
11 52 13 13-0168		Projection Screens, Frames, Masking And Hardware *(11 52 13 13)*		
11 52 13 13-0169		Projection Screens *(11 52 13 13-0168)* Note: Dimensions given in height x width.		
11 52 13 13-0170	EA	9' x 12' Matt White Manual Projection Screen With AutoReturn Roller (Draper Luma 2)	1,592.41	47.04
11 52 13 13-0171	EA	12' x 12' Matt White Manual Projection Screen With AutoReturn Roller (Draper Luma 2)	1,670.39	62.73
11 52 13 13-0172	EA	9' x 9' Matt White Motorized Projection Screen (Draper Targa)	1,675.26	41.92
11 52 13 13-0173	EA	9' x 12' Matt White Motorized Projection Screen (Draper Targa)	1,895.45	47.04
11 52 13 13-0174	EA	12' x 12' Matt White Motorized Projection Screen (Draper Targa)	2,975.09	62.73
11 52 13 13-0175	EA	12' x 16' Matt White Motorized Projection Screen (Draper Targa)	4,239.38	78.41
11 52 13 13-0176	EA	14' x 14' Matt White Motorized Projection Screen (Draper Targa)	3,698.18	70.57
11 52 13 13-0177	EA	16' x 16' Matt White Motorized Projection Screen (Draper Targa)	4,416.47	94.09
11 52 13 13-0178	EA	15' x 20' Matt White Motorized Projection Screen (Draper Paragon)	7,165.75	109.77
11 52 13 13-0179	EA	20' x 20' Matt White Motorized Projection Screen (Draper Paragon)	7,655.86	125.45
11 52 13 13-0180	EA	11' x 22' Matt White Motorized Projection Screen (Draper Paragon)	7,306.52	101.93
11 52 13 13-0181	EA	16'-6"' x 22' Matt White Motorized Projection Screen (Draper Paragon)	7,578.69	125.45
11 52 13 13-0182	EA	22' x 22' Matt White Motorized Projection Screen (Draper Paragon)	7,825.42	141.14
11 52 13 13-0183	EA	8'-6" To 16' Positioning Pole (ADC PP-1)	372.13	
11 52 13 13-0184		Replacement Surface Only, Projection Screen Fabric *(11 52 13 13-0168)*		
11 52 13 13-0185	EA	9' x 12' Matte White, Replacement Surface Only, Projection Screen Fabric (Draper)	1,792.73	62.73
11 52 13 13-0186	EA	12' x 12' Matte White, Replacement Surface Only, Projection Screen Fabric (Draper)	2,262.99	62.73
11 52 13 13-0187	EA	12' x 16' Matte White, Replacement Surface Only, Projection Screen Fabric (Draper)	2,889.99	62.73
11 52 13 13-0188		Lace And Grommet Projection Screen Fabric *(11 52 13 13-0168)*		
11 52 13 13-0189	SF	Lace And Grommet Matte White, Projection Screen Fabric (Draper)	17.70	1.36
11 52 13 13-0190	LF	Lace And Grommet Projection Screen Cord	1.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0191		**Wood Frame For Side Black Masking** *(11 52 13 13-0168)*		
11 52 13 13-0192	EA	Up To 13' x 17' Image Size, Side Black Masking Wood Frame And Fabric (4 Sides) Note: Includes 1" x 3" lumber, hardware, FP Commando Fabric and shop labor.	3,833.05	62.73
11 52 13 13-0193	EA	Up To 13' x 17' Image Size, Side Black Masking Fabric (4 Sides) Note: FP Commando Fabric installed on existing wood frame where wood frame is attached to existing steel frame.	1,297.06	31.36
11 52 13 13-0194		**Flown Type Projection Screen Frame** *(11 52 13 13-0168)*		
11 52 13 13-0195	EA	2" x 2" Steel Angle Flown Type Projection Screen Frame (4 Sides), Up To 13' x 17' Image Size Note: Includes assembly, hanging hardware and shop labor.	4,547.42	62.73
11 52 13 13-0196	EA	1-1/2" Inside Diameter Schedule 40 Aluminum Pipe Flown Type Projection Screen Frame (4 Sides) With Hollaender Speed Rail Fittings (Rated), Up To 13' x 17' Image Size Note: Includes assembly, hanging hardware and shop labor.	4,868.05	62.73
11 52 13 13-0197		**Relocate Existing Fixed Projection Screen** *(11 52 13 13)*		
11 52 13 13-0198	EA	Relocate Electric Controlled Projection Screen, Including Storage And Cleaning	1,478.40	
11 52 13 16		**Portable Projection Screens** *(11 52 13)*		
11 52 13 16-0001		**Projection Screen And Case** *(11 52 13 16)*		
11 52 13 16-0002	EA	9' x 12' Spring-Roller Operated Projection Screen (Draper Luma 2)	2,031.50	209.10
11 52 13 16-0003	EA	12' x 12' Spring-Roller Operated Projection Screen (Draper Luma 2)	2,046.76	209.10
11 52 13 16-0004	EA	9' x 9' Non Tensioned Electric Projection Screen (Draper Targa)	2,134.74	209.10
11 52 13 16-0005	EA	9' x 12' Non Tensioned Electric Projection Screen (Draper Targa)	2,334.54	209.10
11 52 13 16-0006	EA	12' x 12' Non Tensioned Electric Projection Screen (Draper Targa)	3,351.46	209.10
11 52 13 16-0007	EA	12' x 16' Non Tensioned Electric Projection Screen (Draper Targa)	4,553.02	209.10
11 52 13 16-0008	EA	14' x 14' Non Tensioned Electric Projection Screen (Draper Targa)	4,043.18	209.10
11 52 13 16-0009	EA	16' x 16' Non Tensioned Electric Projection Screen (Draper Targa)	4,667.39	209.10
11 52 13 16-0010	EA	15' x 20' Non Tensioned Electric Projection Screen (Draper Paragon)	7,353.93	209.10
11 52 13 16-0011	EA	20' x 20' Non Tensioned Electric Projection Screen (Draper Paragon)	7,781.31	209.10
11 52 13 16-0012	EA	11' x 22' Non Tensioned Electric Projection Screen (Draper Paragon)	7,526.07	209.10
11 52 13 16-0013	EA	16'-6" x 22' Non Tensioned Electric Projection Screen (Draper Paragon)	7,704.14	209.10
11 52 13 16-0014	EA	22' x 22' Non Tensioned Electric Projection Screen (Draper Paragon)	7,888.15	209.10
11 52 13 16-0015	EA	Projection Screen Hanger Assembly Unit Note: Includes beam clamp, 1/4" cable tail, 8" long, 3/8" x 6" eye and jaw turnbuckle and #1715 pipe clamp (for 1-1/2" inside diameter pipe batten).	182.50	26.14
11 52 16		**Projectors** *(11 52)*		
11 52 16 26		**Video Projectors** *(11 52 16)*		
11 52 16 26-0001		**Projectors** *(11 52 16 26)*		
11 52 16 26-0002	EA	2,000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector	1,287.67	50.26
11 52 16 26-0003	EA	2,000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector	1,495.42	50.26
11 52 16 26-0004	EA	2,000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector	1,985.12	50.26
11 52 16 26-0005	EA	3,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	3,142.59	50.26
11 52 16 26-0006	EA	3,500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	3,661.96	50.26
11 52 16 26-0007	EA	3,000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector	4,656.20	50.26
11 52 16 26-0008	EA	4,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	7,416.30	50.26
11 52 16 26-0009	EA	5,200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	10,057.70	50.26
11 52 16 26-0010	EA	6,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	14,939.83	50.26
11 52 16 26-0011		**Projector Mounts** *(11 52 16 26)*		
11 52 16 26-0012		**Universal Projector Mounts** *(11 52 16 26-0011)* Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector.		
11 52 16 26-0013	EA	Flush Ceiling, Universal Projector Mount (Peerless PPF)	264.41	55.27
11 52 16 26-0014	EA	Wall Arm, Universal Projector Mount (Peerless PWA-14)	448.63	55.27
11 52 16 26-0015		**Projector Mount Components** *(11 52 16 26-0011)* Note: Includes ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector.		
11 52 16 26-0016		**Ceiling Attachment Plates For Projector Mounts** *(11 52 16 26-0015)*		
11 52 16 26-0017	EA	Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570)	94.05	25.12
11 52 16 26-0018	EA	Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557)	131.86	25.12
11 52 16 26-0019	EA	I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559)	187.82	25.12
11 52 16 26-0020	EA	Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455)	231.24	25.12
11 52 16 26-0021		**Projector Attachment Plates For Projector Mounts** *(11 52 16 26-0015)*		
11 52 16 26-0022	EA	Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV)	353.36	25.12
11 52 16 26-0023	EA	High Security Projector Enclosure For Projector Mounts (Peerless ALB)	794.11	25.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 16 26-0024		Threaded Extension Columns For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0025		Fixed Length, Threaded Extension Column For Projector Mounts *(11 52 16 26-0024)* Note: Peerless EXT series.		
11 52 16 26-0026	EA	6" Fixed Length, Threaded Extension Column For Projector Mounts	59.38	7.53
11 52 16 26-0027	EA	12" Fixed Length, Threaded Extension Column For Projector Mounts	78.03	7.53
11 52 16 26-0028	EA	18" Fixed Length, Threaded Extension Column For Projector Mounts	85.03	7.53
11 52 16 26-0029	EA	24" Fixed Length, Threaded Extension Column For Projector Mounts	89.69	7.53
11 52 16 26-0030	EA	36" Fixed Length, Threaded Extension Column For Projector Mounts	106.37	10.05
11 52 16 26-0031	EA	48" Fixed Length, Threaded Extension Column For Projector Mounts	129.69	10.05
11 52 16 26-0032	EA	60" Fixed Length, Threaded Extension Column For Projector Mounts	167.00	10.05
11 52 16 26-0033	EA	72" Fixed Length, Threaded Extension Column For Projector Mounts	192.65	10.05
11 52 16 26-0034	EA	84" Fixed Length, Threaded Extension Column For Projector Mounts	225.66	12.56
11 52 16 26-0035	EA	96" Fixed Length, Threaded Extension Column For Projector Mounts	258.31	12.56
11 52 16 26-0036	EA	108" Fixed Length, Threaded Extension Column For Projector Mounts	286.66	15.07
11 52 16 26-0037	EA	120" Fixed Length, Threaded Extension Column For Projector Mounts	300.65	15.07
11 52 16 26-0038		Adjustable Length, Threaded Extension Columns For Projector Mounts *(11 52 16 26-0024)* Note: Peerless ADJ series. Adjustable at 1" increments.		
11 52 16 26-0039	EA	6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts	123.06	12.56
11 52 16 26-0040	EA	12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts	193.02	12.56
11 52 16 26-0041	EA	18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts	197.68	12.56
11 52 16 26-0042	EA	24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts	204.68	12.56
11 52 16 26-0043	EA	36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts	221.37	15.07
11 52 16 26-0044	EA	48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts	233.02	15.07
11 52 16 26-0045	EA	60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts	258.68	15.07
11 52 16 26-0046	EA	72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts	281.99	15.07
11 52 16 26-0047	EA	84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts	312.66	17.59
11 52 16 26-0048	EA	96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts	335.98	17.59
11 52 16 26-0049	EA	108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts	366.65	20.09
11 52 16 26-0050	EA	120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts	382.98	20.09
11 52 33		**Interactive Displays** *(11 52)*		
11 52 33 00-0001		Television Monitors And Panels *(11 52 33)* Note: Excludes wall or ceiling mounts See CSI section 11 52 33 00-0019 for television mounting.		
11 52 33 00-0002	EA	27" HD Television, LCD, 1080 DPI, 60 Hertz	665.16	17.90
11 52 33 00-0003	EA	32" HD Television, LCD, 720 DPI, 60 Hertz	729.97	20.14
11 52 33 00-0004	EA	32" HD Television, LCD, 1080 DPI, 120 Hertz	992.28	22.38
11 52 33 00-0005	EA	32" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	1,001.41	22.38
11 52 33 00-0006	EA	40" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	1,134.18	24.61
11 52 33 00-0007	EA	46" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	1,332.23	26.85
11 52 33 00-0008	EA	50" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	1,660.82	29.09
11 52 33 00-0009	EA	55" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	1,987.17	29.09
11 52 33 00-0010	EA	60" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	2,315.76	31.33
11 52 33 00-0011	EA	65" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	2,807.52	33.57
11 52 33 00-0012	EA	75" HD Television, LED, 1920x1080 With WI-FI Note: Includes 4 - HDMI, 3 - USB, 1 - component input.	4,441.51	35.81
11 52 33 00-0013	EA	46" 3D Television, LED, 1080 DPI, 240 Hertz	2,042.51	26.85
11 52 33 00-0014	EA	55" 3D Television, LED, 1080 DPI, 240 Hertz	2,851.03	29.09
11 52 33 00-0015	EA	60" 3D Television, LED, 1080 DPI, 240 Hertz	3,861.11	31.33
11 52 33 00-0016	EA	65" 3D Television, LED, 1080 DPI, 240 Hertz	4,064.92	33.57
11 52 33 00-0017	EA	75" 3D Television, LED, 1080 DPI, 240 Hertz	6,080.60	33.57
11 52 33 00-0018	EA	86" Interactive LED Panel (SMARTBOARD SPNL-7086)	18,549.18	35.81
11 52 33 00-0019		Flat Panel Display Mounting *(11 52 33)* Note: Includes anchors, bolts and hardware. Excludes blocking in walls or ceiling.		
11 52 33 00-0020	EA	Swivel Wall Mounts For 10" To 30" Flat Panel Displays Note: 2.6" To 16.6" swing arm extension, 12 degrees tilt	414.59	121.16
11 52 33 00-0021	EA	Premium Swivel Wall Mounts For 23" To 37" Flat Panel Displays Note: 4.5" To 20.3" swing arm extension, 15 degrees tilt	643.16	151.44
11 52 33 00-0022	EA	Swivel Wall Mounts For 32" To 60" Flat Panel Displays Note: 4.5" To 20.3" swing arm extension, 15 degrees tilt	664.90	181.73
11 52 33 00-0023	EA	Swivel Wall Mounts For 32" To 60" Flat Panel Displays With Extra Wide 24" Back Plate Note: 4.5" To 20.3" swing arm extension, 15 degrees tilt	708.06	181.73
11 52 33 00-0024	EA	Swivel Wall Mounts For 32" To 50" Flat Panel Displays Note: 4.5" To 26.2" swing arm extension, 15 degrees tilt	708.06	181.73
11 52 33 00-0025	EA	Full Motion Wall Mounts For 13" To 26" Flat Panel Displays Note: 8" Extension	393.05	121.16
11 52 33 00-0026	EA	Full Motion Wall Mounts For 26" To 40" Flat Panel Displays Note: 9.7" Extension	539.78	151.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 33 00-0027	EA	Full Motion Wall Mounts For 32" To 56" Flat Panel Displays Note: 10.2" Extension	923.45	181.73
11 52 33 00-0028	EA	Full Motion Wall Mounts For 42" To 84" Flat Panel Displays Note: 20" Extension	1,322.43	212.02
11 52 33 00-0029	EA	Low Profile Tilting Wall Mounts For 26" To 40" Flat Panel Displays	496.70	151.44
11 52 33 00-0030	EA	Low Profile Tilting Wall Mounts For 32" To 70" Flat Panel Displays	562.86	151.44
11 52 33 00-0031	EA	Low Profile Tilting Wall Mounts For 75" Flat Panel Displays	685.95	181.73
11 52 33 00-0032	EA	Low Profile Wall Mounts For 26" To 40" Flat Panel Displays	410.54	151.44
11 52 33 00-0033	EA	Low Profile Wall Mounts For 40" To 70" Flat Panel Displays	475.16	151.44
11 52 33 00-0034	EA	Low Profile Wall Mounts For 75" Flat Panel Displays	565.01	181.73
11 52 33 00-0035	EA	Full Motion (Rotates And Tilts) Ceiling Mounts For 32" To 50" Flat Panel Displays, 39" To 63" Extension From Ceiling Note: 360 degree rotation, 15 degree tilt.	686.07	242.30
11 52 33 00-0036	EA	Full Motion (Rotates And Tilts) Ceiling Mounts For 32" To 70" Flat Panel Displays, 18" To 31" Extension From Ceiling Note: 360 degree rotation, 15 degree tilt.	807.01	242.30
		For 28" To 41" Extension Pole, Add	*42.14*	
		For 38" To 51" Extension Pole, Add	*53.66*	
		For 48" To 61" Extension Pole, Add	*61.33*	
11 52 33 00-0037	EA	VMP Full Motion (Rotates And Tilts) Ceiling Mounts For 37" To 80" Flat Panel Displays, 15" To 37" Extension From Ceiling Note: 360 degree rotation, 15 degree tilt.	849.25	242.30
11 52 33 00-0038		**Audio/Video Components** *(11 52 33)*		
11 52 33 00-0039	EA	MLC 104 IP Plus MLC - MediaLink™ Controller with IP Link® Ethernet Control, White (Extron Electronics #60-818-03)	1,543.43	90.86
11 52 33 00-0040	EA	MLC 226 IP Enhanced MLC - MediaLink™ Controller with IP Link® Ethernet Control, Black (Extron Electronics #60-600-02)	2,093.10	90.86
11 52 33 00-0041	EA	MPA 152 MPA 152 - Stereo Power Amplifier (Extron Electronics #60-844-01)	472.83	30.29
11 52 33 00-0042	EA	MPA 401-70 Volt, 70 Volt Mono Power Amplifier - 40 Watt (Extron Electronics #60-845-01)	547.78	30.29
11 52 33 00-0043	EA	MLS 406 Six Input MLS - MediaLink™ Switcher with Variable Preamplifier Audio Output Variable Preamp Audio Output (Extron Electronics #60-560-01)	2,228.63	121.16
11 52 33 00-0044	EA	MLS 406MA Six Input MLS - MediaLink™ Switcher with Mono Audio Amplifier Mono Audio Amplifier (Extron Electronics #60-560-02)	2,478.48	121.16
11 52 33 00-0045	EA	MLS 406SA Six Input MLS - MediaLink™ Switcher with Stereo Audio Amplifier Stereo Audio Amplifier (Extron Electronics #60-560-03)	2,478.48	121.16
11 52 33 00-0046	EA	Wall Plate VGA 3.5 RJ-45 Passthru (Liberty Cable #PC-G1600-E-P-C)	157.37	15.15
11 52 33 00-0047	EA	DVD/VCR Combo (Toshiba #SD V296)	158.59	
11 52 33 00-0048	EA	DVD/VCR Combo (Toshiba #SD V392)	160.74	
11 52 33 00-0049	EA	DVDr/VCR Combo (Toshiba #DVR620)	294.28	
11 52 33 00-0050	EA	DVDr/VCR Combo (Toshiba #DVR670)	404.13	
11 52 33 00-0051		**Audio/Video Cabling** *(11 52 33)*		
11 52 33 00-0052	EA	HDMI M-M Pro/3 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-03)	40.51	
11 52 33 00-0053	EA	HDMI M-M Pro/6 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-06)	59.25	
11 52 33 00-0054	EA	HDMI M-M Pro/12 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-12)	88.57	
11 52 33 00-0055	EA	HDMI M-M Pro/25 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-25)	184.07	
11 52 33 00-0056	EA	HDMI M-M Pro/35 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-35)	259.03	
11 52 33 00-0057	EA	HDMI M-M Pro/50 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-50)	355.76	
11 52 33 00-0058	EA	HDMI M-M Pro/75 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-75)	486.93	
11 52 33 00-0059	EA	HDMI M-M Pro/100 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-100)	599.37	
11 52 33 00-0060	EA	HDMI M-M Pro/125 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-125)	714.83	
11 52 33 00-0061	EA	HDMI M-M Pro/150 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-150)	789.79	
11 52 33 00-0062	EA	HDMI M-M Pro/175 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-175)	942.73	
11 52 33 00-0063	EA	HDMI M-M Pro/200 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-200)	1,133.14	
11 52 33 00-0064	EA	DVI-D/3 Single Link Male to Male Cables (Extron Electronics #26-649-03)	40.51	
11 52 33 00-0065	EA	DVI-D/6 Single Link Male to Male Cables (Extron Electronics #26-649-06)	59.25	
11 52 33 00-0066	EA	DVI-D/12 Single Link Male to Male Cables (Extron Electronics #26-649-12)	88.57	
11 52 33 00-0067	EA	DVI-D/25 Single Link Male to Male Cables (Extron Electronics #26-649-25)	184.07	
11 52 33 00-0068	EA	DVI-D/35 Single Link Male to Male Cables (Extron Electronics #26-649-35)	259.03	
11 52 33 00-0069	EA	DVI-D/50 Single Link Male to Male Cables (Extron Electronics #26-649-50)	355.75	
11 52 33 00-0070	EA	DVI-D/75 Single Link Male to Male Cables (Extron Electronics #26-649-75)	486.92	
11 52 33 00-0071	EA	DVI-D/100 Single Link Male to Male Cables (Extron Electronics #26-649-100)	599.36	
11 52 33 00-0072	EA	DVI-D/125 Single Link Male to Male Cables (Extron Electronics #26-649-125)	714.83	
11 52 33 00-0073	EA	DVI-D/150 Single Link Male to Male Cables (Extron Electronics #26-649-150)	789.79	
11 52 33 00-0074	EA	DVI-D/175 Single Link Male to Male Cables (Extron Electronics #26-649-175)	942.73	
11 52 33 00-0075	EA	DVI-D/200 Single Link Male to Male Cables (Extron Electronics #26-649-200)	1,133.14	
11 52 33 00-0076	EA	AV RCA/6 RCA Male to Male Composite Video and Stereo Audio Cables 6' (Extron Electronics #26-643-06)	18.02	
11 52 33 00-0077	EA	AV RCA/20 RCA Male to Male Composite Video and Stereo Audio Cables 20' (Extron Electronics #26-643-20)	28.54	
11 52 33 00-0078	EA	VGA M-M MD/3 Male to Male VGA Molded Connector Cables 3' (Extron Electronics #26-238-14)	21.77	
11 52 33 00-0079	EA	VGA M-M MD/6 Male to Male VGA Molded Connector Cables 6' (Extron Electronics #26-238-01)	23.64	
11 52 33 00-0080	EA	VGA M-M MD/10 Male to Male VGA Molded Connector Cables 10' (Extron Electronics #26-238-07)	32.35	
11 52 33 00-0081	EA	VGA M-M MD/15 Male to Male VGA Molded Connector Cables 15' (Extron Electronics #26-238-02)	37.97	
11 52 33 00-0082	EA	VGA M-M MD/25 Male to Male VGA Molded Connector Cables 25' (Extron Electronics #26-238-03)	60.39	
11 52 33 00-0083	EA	VGA M-M MD/35 Male to Male VGA Molded Connector Cables 35' (Extron Electronics #26-238-17)	84.75	
11 52 33 00-0084	EA	VGA M-M MD/50 Male to Male VGA Molded Connector Cables 50' (Extron Electronics #26-238-18)	112.15	
11 52 33 00-0085	EA	VGA M-M MD/75 Male to Male VGA Molded Connector Cables 75' (Extron Electronics #26-238-19)	149.63	
11 52 33 00-0086	EA	VGA M-M MD/100 Male to Male VGA Molded Connector Cables 100' (Extron Electronics #26-238-20)	187.11	
11 52 33 00-0087	EA	VGA M-M BK/3 Male to Male VGA Backshell Connector Cables 3' (Extron Electronics #26-238-24)	31.14	
11 52 33 00-0088	EA	VGA M-M BK/6 Male to Male VGA Backshell Connector Cables 6' (Extron Electronics #26-238-25)	33.01	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 33 00-0089	EA	VGA M-M BK/10 Male to Male VGA Backshell Connector Cables 10' (Extron Electronics #26-238-26)	41.72	
11 52 33 00-0090	EA	VGA M-M BK/15 Male to Male VGA Backshell Connector Cables 15' (Extron Electronics #26-238-27)	51.09	
11 52 33 00-0091	EA	VGA M-M BK/25 Male to Male VGA Backshell Connector Cables 25' (Extron Electronics #26-238-28)	71.64	
11 52 33 00-0092	EA	VGA M-M BK/35 Male to Male VGA Backshell Connector Cables 35' (Extron Electronics #26-238-16)	96.00	
11 52 33 00-0093	EA	VGA M-M BK/50 Male to Male VGA Backshell Connector Cables 50' (Extron Electronics #26-238-04)	130.89	
11 52 33 00-0094	EA	VGA M-M BK/75 Male to Male VGA Backshell Connector Cables 75' (Extron Electronics #26-238-05)	168.37	
11 52 33 00-0095	EA	VGA M-M BK/100 Male to Male VGA Backshell Connector Cables 100' (Extron Electronics #26-238-06)	215.22	
11 52 33 00-0096	EA	A Mini/2 3.5 mm Stereo Audio Male to Male Stereo Audio Cables (Extron Electronics #26-571-01)	6.78	
11 52 33 00-0097	EA	A Mini/9 3.5 mm Stereo Audio Male to Male Stereo Audio Cables (Extron Electronics #26-571-03)	8.65	
11 52 33 00-0098	EA	A Mini/12 3.5 mm Stereo Audio Male to Male Stereo Audio Cables (Extron Electronics #26-571-06)	10.53	
11 52 33 00-0099	EA	A Mini/25 3.5 mm Stereo Audio Male to Male Stereo Audio Cables (Extron Electronics #26-571-07)	14.27	

11 53 Laboratory Equipment *(11 50)*

11 53 13 Laboratory Fume Hoods *(11 53)*

11 53 13 11 General Laboratory Fume Hoods *(11 53 13)*

11 53 13 11-0001 Fume Hoods (Kewaunee Scientific) *(11 53 13 11)*

11 53 13 11-0002 General Purpose Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H05) *(11 53 13 11-0001)*

11 53 13 11-0003	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5448-00) Note: Includes material and installation	9,494.89	
11 53 13 11-0004	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5448-00) Note: Includes material and installation	10,095.54	
11 53 13 11-0005	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5448-00) Note: Includes material and installation	12,955.20	
11 53 13 11-0006	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5448-00) Note: Includes material and installation	8,952.05	
11 53 13 11-0007	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5460-00) Note: Includes material and installation	10,255.97	
11 53 13 11-0008	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5460-00) Note: Includes material and installation	10,856.63	
11 53 13 11-0009	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5460-00) Note: Includes material and installation	13,738.67	
11 53 13 11-0010	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5460-00) Note: Includes material and installation	9,534.06	
11 53 13 11-0011	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5472-00) Note: Includes material and installation	9,881.02	
11 53 13 11-0012	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5472-00) Note: Includes material and installation	11,656.88	
11 53 13 11-0013	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5472-00) Note: Includes material and installation	14,410.22	
11 53 13 11-0014	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5472-00) Note: Includes material and installation	10,453.70	
11 53 13 11-0015	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5496-00) Note: Includes material and installation	13,457.00	
11 53 13 11-0016	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5496-00) Note: Includes material and installation	15,827.92	
11 53 13 11-0017	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5496-00) Note: Includes material and installation	18,624.15	
11 53 13 11-0018	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5496-00) Note: Includes material and installation	12,404.91	
11 53 13 11-0019	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5448B00) Note: Includes material and installation	9,642.25	
11 53 13 11-0020	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5448B00) Note: Includes material and installation	10,244.78	
11 53 13 11-0021	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5448B00) Note: Includes material and installation	13,108.17	
11 53 13 11-0022	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5448B00) Note: Includes material and installation	9,106.88	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0023	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5460B00) Note: Includes material and installation	10,425.72	
11 53 13 11-0024	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5460B00) Note: Includes material and installation	11,030.11	
11 53 13 11-0025	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5460B00) Note: Includes material and installation	13,904.69	
11 53 13 11-0026	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5460B00) Note: Includes material and installation	9,701.95	
11 53 13 11-0027	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5472B00) Note: Includes material and installation	11,237.17	
11 53 13 11-0028	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5472B00) Note: Includes material and installation	11,834.10	
11 53 13 11-0029	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5472B00) Note: Includes material and installation	14,587.43	
11 53 13 11-0030	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5472B00) Note: Includes material and installation	10,636.51	
11 53 13 11-0031	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5496B00) Note: Includes material and installation	13,654.73	
11 53 13 11-0032	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5496B00) Note: Includes material and installation	16,010.73	
11 53 13 11-0033	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5496B00) Note: Includes material and installation	18,823.75	
11 53 13 11-0034	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5496B00) Note: Includes material and installation	12,602.64	
11 53 13 11-0035		Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash (Kewaunee Scientific H07) *(11 53 13 11-0001)*		
11 53 13 11-0036	EA	4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5448B00) Note: Includes material and installation	10,893.94	
11 53 13 11-0037	EA	4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5448B00) Note: Includes material and installation	11,492.73	
11 53 13 11-0038	EA	4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5448B00) Note: Includes material and installation	14,357.98	
11 53 13 11-0039	EA	4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5448B00) Note: Includes material and installation	10,354.84	
11 53 13 11-0040	EA	5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5460B00) Note: Includes material and installation	11,955.35	
11 53 13 11-0041	EA	5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5460B00) Note: Includes material and installation	12,559.74	
11 53 13 11-0042	EA	5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5460B00) Note: Includes material and installation	15,439.92	
11 53 13 11-0043	EA	5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5460B00) Note: Includes material and installation	11,237.17	
11 53 13 11-0044	EA	6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5472B00) Note: Includes material and installation	12,856.34	
11 53 13 11-0045	EA	6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5472B00) Note: Includes material and installation	13,457.00	
11 53 13 11-0046	EA	6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5472B00) Note: Includes material and installation	16,210.33	
11 53 13 11-0047	EA	6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5472B00) Note: Includes material and installation	12,253.81	
11 53 13 11-0048	EA	8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5496B00) Note: Includes material and installation	15,760.76	
11 53 13 11-0049	EA	8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5496B00) Note: Includes material and installation	16,355.83	
11 53 13 11-0050	EA	8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5496B00) Note: Includes material and installation	20,924.19	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0051	EA	8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5496B00) Note: Includes material and installation	14,714.28	
11 53 13 11-0052		ADA Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H08) *(11 53 13 11-0001)*		
11 53 13 11-0053	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H08G5448-00) Note: Includes material and installation	9,586.29	
11 53 13 11-0054	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H08K5448-00) Note: Includes material and installation	10,198.14	
11 53 13 11-0055	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H08S5448-00) Note: Includes material and installation	12,854.47	
11 53 13 11-0056	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H08T5448-00) Note: Includes material and installation	9,041.59	
11 53 13 11-0057	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H08G5460-00) Note: Includes material and installation	10,345.51	
11 53 13 11-0058	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H08K5460-00) Note: Includes material and installation	10,865.96	
11 53 13 11-0059	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H08S5460-00) Note: Includes material and installation	13,721.88	
11 53 13 11-0060	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H08T5460-00) Note: Includes material and installation	9,625.46	
11 53 13 11-0061	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H08G5472-00) Note: Includes material and installation	11,147.63	
11 53 13 11-0062	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H08K5472-00) Note: Includes material and installation	11,925.50	
11 53 13 11-0063	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H08S5472-00) Note: Includes material and installation	15,102.28	
11 53 13 11-0064	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H08T5472-00) Note: Includes material and installation	10,545.11	
11 53 13 11-0065	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H08G5448B00) Note: Includes material and installation	9,733.66	
11 53 13 11-0066	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H08K5448B00) Note: Includes material and installation	10,373.49	
11 53 13 11-0067	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H08S5448B00) Note: Includes material and installation	13,083.92	
11 53 13 11-0068	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H08T5448B00) Note: Includes material and installation	9,196.42	
11 53 13 11-0069	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H08G5460B00) Note: Includes material and installation	10,518.99	
11 53 13 11-0070	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H08K5460B00) Note: Includes material and installation	11,054.36	
11 53 13 11-0071	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H08S5460B00) Note: Includes material and installation	13,969.98	
11 53 13 11-0072	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H08T5460B00) Note: Includes material and installation	9,789.62	
11 53 13 11-0073	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H08G5472B00) Note: Includes material and installation	11,328.57	
11 53 13 11-0074	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H08K5472B00) Note: Includes material and installation	12,132.56	
11 53 13 11-0075	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H08S5472B00) Note: Includes material and installation	15,372.76	
11 53 13 11-0076	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H08T5472B00) Note: Includes material and installation	10,726.05	
11 53 13 11-0077		ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash (Kewaunee Scientific H09) *(11 53 13 11-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0078	EA	4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H09G5448B00) Note: Includes material and installation	13,065.26	
11 53 13 11-0079	EA	4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H09K5448B00) Note: Includes material and installation	14,205.02	
11 53 13 11-0080	EA	4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H09S5448B00) Note: Includes material and installation	18,062.67	
11 53 13 11-0081	EA	4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H09T5448B00) Note: Includes material and installation	12,526.16	
11 53 13 11-0082	EA	5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H09G5460B00) Note: Includes material and installation	14,124.81	
11 53 13 11-0083	EA	5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H09K5460B00) Note: Includes material and installation	15,212.34	
11 53 13 11-0084	EA	5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H09S5460B00) Note: Includes material and installation	19,374.04	
11 53 13 11-0085	EA	5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H09T5460B00) Note: Includes material and installation	13,404.76	
11 53 13 11-0086	EA	6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H09G5472B00) Note: Includes material and installation	15,025.80	
11 53 13 11-0087	EA	6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H09K5472B00) Note: Includes material and installation	16,387.54	
11 53 13 11-0088	EA	6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H09S5472B00) Note: Includes material and installation	20,903.67	
11 53 13 11-0089	EA	6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H09T5472B00) Note: Includes material and installation	14,427.00	
11 53 13 11-0090		Isotope Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H20) *(11 53 13 11-0001)*		
11 53 13 11-0091	EA	4' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5448-00) Note: Includes material and installation	19,702.35	
11 53 13 11-0092	EA	5' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5460-00) Note: Includes material and installation	21,868.08	
11 53 13 11-0093	EA	6' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5472-00) Note: Includes material and installation	23,071.27	
11 53 13 11-0094	EA	8' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5496-00) Note: Includes material and installation	31,196.95	
11 53 13 11-0095	EA	4' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5448B00) Note: Includes material and installation	19,868.38	
11 53 13 11-0096	EA	5' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5460B00) Note: Includes material and installation	22,034.10	
11 53 13 11-0097	EA	6' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5472B00) Note: Includes material and installation	23,248.48	
11 53 13 11-0098	EA	8' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5496B00) Note: Includes material and installation	31,396.55	
11 53 13 11-0099		Perchloric Acid Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H25) *(11 53 13 11-0001)*		
11 53 13 11-0100	EA	4' Wide, Perchloric Acid Bench Fume Hood With Vertical Rising Sash, Type 316 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H25L5448-00) Note: Includes material and installation	26,027.93	
11 53 13 11-0101	EA	5' Wide, Perchloric Acid Bench Fume Hood With Vertical Rising Sash, Type 316 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H25L5460-00) Note: Includes material and installation	26,117.47	
11 53 13 11-0102	EA	6' Wide, Perchloric Acid Bench Fume Hood With Vertical Rising Sash, Type 316 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H25L5472-00) Note: Includes material and installation	28,975.26	
11 53 13 11-0103		HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash (Kewaunee Scientific HOPEC) *(11 53 13 11-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0104	EA	4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5448B00) Note: Includes material and installation	13,503.63	
11 53 13 11-0105	EA	4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5448B00) Note: Includes material and installation	14,106.15	
11 53 13 11-0106	EA	4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5448B00) Note: Includes material and installation	16,967.68	
11 53 13 11-0107	EA	4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5448B00) Note: Includes material and installation	12,960.80	
11 53 13 11-0108	EA	5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5460B00) Note: Includes material and installation	14,719.87	
11 53 13 11-0109	EA	5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5460B00) Note: Includes material and installation	15,322.40	
11 53 13 11-0110	EA	5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5460B00) Note: Includes material and installation	18,200.71	
11 53 13 11-0111	EA	5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5460B00) Note: Includes material and installation	13,999.83	
11 53 13 11-0112	EA	6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5472B00) Note: Includes material and installation	15,725.32	
11 53 13 11-0113	EA	6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5472B00) Note: Includes material and installation	16,322.25	
11 53 13 11-0114	EA	6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5472B00) Note: Includes material and installation	19,079.31	
11 53 13 11-0115	EA	6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5472B00) Note: Includes material and installation	15,120.93	
11 53 13 11-0116	EA	8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5496B00) Note: Includes material and installation	20,482.09	
11 53 13 11-0117	EA	8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5496B00) Note: Includes material and installation	21,082.75	
11 53 13 11-0118	EA	8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5496B00) Note: Includes material and installation	25,647.38	
11 53 13 11-0119	EA	8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5496B00) Note: Includes material and installation	19,431.87	
11 53 13 11-0120		**General Purpose Walk-In Fume Hood With Vertical Rising Sash (Kewaunee Scientific H30)** *(11 53 13 11-0001)*		
11 53 13 11-0121	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9048-00) Note: Includes material and installation	19,838.53	
11 53 13 11-0122	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9048-00) Note: Includes material and installation	20,431.73	
11 53 13 11-0123	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9048-00) Note: Includes material and installation	25,421.67	
11 53 13 11-0124	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9048-00) Note: Includes material and installation	18,637.21	
11 53 13 11-0125	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9060-00) Note: Includes material and installation	21,140.58	
11 53 13 11-0126	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9060-00) Note: Includes material and installation	21,741.24	
11 53 13 11-0127	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9060-00) Note: Includes material and installation	28,227.23	
11 53 13 11-0128	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9060-00) Note: Includes material and installation	19,767.64	
11 53 13 11-0129	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9072-00) Note: Includes material and installation	22,433.30	
11 53 13 11-0130	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9072-00) Note: Includes material and installation	23,028.36	
11 53 13 11-0131	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9072-00) Note: Includes material and installation	30,247.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0132	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9072-00) Note: Includes material and installation	21,888.60	
11 53 13 11-0133	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9096-00) Note: Includes material and installation	28,637.62	
11 53 13 11-0134	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9096-00) Note: Includes material and installation	29,242.01	
11 53 13 11-0135	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9096-00) Note: Includes material and installation	39,214.44	
11 53 13 11-0136	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9096-00) Note: Includes material and installation	27,218.05	
11 53 13 11-0137	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9048B00) Note: Includes material and installation	19,991.49	
11 53 13 11-0138	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9048B00) Note: Includes material and installation	20,580.96	
11 53 13 11-0139	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9048B00) Note: Includes material and installation	25,574.63	
11 53 13 11-0140	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9048B00) Note: Includes material and installation	18,788.31	
11 53 13 11-0141	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9060B00) Note: Includes material and installation	21,310.33	
11 53 13 11-0142	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9060B00) Note: Includes material and installation	21,909.12	
11 53 13 11-0143	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9060B00) Note: Includes material and installation	28,398.85	
11 53 13 11-0144	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9060B00) Note: Includes material and installation	19,939.26	
11 53 13 11-0145	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9072B00) Note: Includes material and installation	22,612.38	
11 53 13 11-0146	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9072B00) Note: Includes material and installation	23,209.31	
11 53 13 11-0147	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9072B00) Note: Includes material and installation	30,428.40	
11 53 13 11-0148	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9072B00) Note: Includes material and installation	22,071.41	
11 53 13 11-0149	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9096B00) Note: Includes material and installation	28,829.76	
11 53 13 11-0150	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9096B00) Note: Includes material and installation	29,436.01	
11 53 13 11-0151	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9096B00) Note: Includes material and installation	39,406.58	
11 53 13 11-0152	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9096B00) Note: Includes material and installation	27,413.92	
11 53 13 11-0153		Stand Alone, TruView® Teaching Hoods (Kewaunee Scientific T90) *(11 53 13 11-0001)*		
11 53 13 11-0154	EA	4' Wide, Stand Alone, Single Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M3048-SA) Note: Includes material and installation	16,171.15	
11 53 13 11-0155	EA	5' Wide, Stand Alone, Single Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M3060-SA) Note: Includes material and installation	18,433.88	
11 53 13 11-0156	EA	6' Wide, Stand Alone, Single Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M3072-SA) Note: Includes material and installation	19,978.43	
11 53 13 11-0157	EA	4' Wide, Stand Alone, Double Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M6048-SA) Note: Includes material and installation	28,542.49	
11 53 13 11-0158	EA	5' Wide, Stand Alone, Double Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M6060-SA) Note: Includes material and installation	32,685.54	
11 53 13 11-0159	EA	6' Wide, Stand Alone, Double Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M6072-SA) Note: Includes material and installation	34,771.06	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0160		Options For Fume Hoods (Kewaunee Scientific) *(11 53 13 11-0001)*		
11 53 13 11-0161	EA	Single Point Adjustable Baffles (Kewaunee Scientific Option C) Note: Includes material and installation	430.91	
11 53 13 11-0162	EA	Fire Extinguisher (Kewaunee Scientific Option E) Note: Includes material and installation	1,865.40	
11 53 13 11-0163	EA	Stainless Steel Lower Deflector Vane (Kewaunee Scientific Option O) Note: Includes material and installation	309.66	
11 53 13 11-0164	EA	4' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-48B) Note: Includes material and installation	1,270.34	
11 53 13 11-0165	EA	5' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-60B) Note: Includes material and installation	1,484.86	
11 53 13 11-0166	EA	6' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-72B) Note: Includes material and installation	1,712.44	
11 53 13 11-0167	EA	8' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-96B) Note: Includes material and installation	2,216.10	
11 53 13 11-0168	EA	4' Wide, Black Epoxy Resin Worksurface For ADA Fume Hood (Kewaunee Scientific 020126-48B) Note: Includes material and installation	1,270.34	
11 53 13 11-0169	EA	5' Wide, Black Epoxy Resin Worksurface For ADA Fume Hood (Kewaunee Scientific 020126-60B) Note: Includes material and installation	1,484.86	
11 53 13 11-0170	EA	6' Wide, Black Epoxy Resin Worksurface For ADA Fume Hood (Kewaunee Scientific 020126-72B) Note: Includes material and installation	1,712.44	
11 53 13 11-0171	EA	4' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-48B) Note: Includes material and installation	1,270.34	
11 53 13 11-0172	EA	5' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-60B) Note: Includes material and installation	1,484.86	
11 53 13 11-0173	EA	6' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-72B) Note: Includes material and installation	1,712.44	
11 53 13 11-0174	EA	8' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-96B) Note: Includes material and installation	2,216.10	
11 53 13 11-0175	EA	4' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-48B) Note: Includes material and installation	1,326.30	
11 53 13 11-0176	EA	5' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-60B) Note: Includes material and installation	1,550.15	
11 53 13 11-0177	EA	6' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-72B) Note: Includes material and installation	1,792.65	
11 53 13 11-0178	EA	8' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-96B) Note: Includes material and installation	2,320.56	
11 53 13 11-0179	EA	Black Poly Cupsink (Kewaunee Scientific 0491-BP) Note: Includes material and installation	166.02	
11 53 13 11-0180	EA	Stainless Steel Cupsink (Kewaunee Scientific 0950-0F) Note: Includes material and installation	1,561.34	
11 53 13 11-0181	EA	Air Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0860-3A-I) Note: Includes material and installation	595.06	
11 53 13 11-0182	EA	Gas Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0860-3G-I) Note: Includes material and installation	595.06	
11 53 13 11-0183	EA	Vacuum Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0860-3V-I) Note: Includes material and installation	595.06	
11 53 13 11-0184	EA	Steam Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0861-3S-I) Note: Includes material and installation	664.08	
11 53 13 11-0185	EA	Cold Water Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0861-3W-I) Note: Includes material and installation	664.08	
11 53 13 11-0186	EA	Distilled Water Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0861-3D-I) Note: Includes material and installation	984.93	
11 53 13 11-0187	EA	Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 27-3/4" Long Handle (Kewaunee Scientific W-0864-3WV-I) Note: Includes material and installation	1,007.32	
11 53 13 11-0188	EA	Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 12-1/2" Long Handle (Kewaunee Scientific W-0864-3WVA-I) Note: Includes material and installation	1,033.43	
11 53 13 11-0189	EA	Hot And Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 27-3/4" Long Handle (Kewaunee Scientific W-0868-3WV-I) Note: Includes material and installation	1,604.24	
11 53 13 11-0190	EA	Hot And Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 12-1/2" Long Handle (Kewaunee Scientific W-0868-3WVA-I) Note: Includes material and installation	1,665.80	
11 53 13 11-0191		Base Cabinets For Fume Hoods (Kewaunee Scientific) *(11 53 13 11-0001)*		
11 53 13 11-0192	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3724-0) Note: Includes material and installation	1,167.74	
11 53 13 11-0193	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3730-0) Note: Includes material and installation	1,423.30	
11 53 13 11-0194	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3736-0) Note: Includes material and installation	1,497.92	
11 53 13 11-0195	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3748-0) Note: Includes material and installation	1,546.42	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0196	EA	60" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3760-0) Note: Includes material and installation	1,688.19	
11 53 13 11-0197	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3624-0) Note: Includes material and installation	1,167.74	
11 53 13 11-0198	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3630-0) Note: Includes material and installation	1,423.30	
11 53 13 11-0199	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3636-0) Note: Includes material and installation	1,509.11	
11 53 13 11-0200	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3648-0) Note: Includes material and installation	1,546.42	
11 53 13 11-0201	EA	60" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3660-0) Note: Includes material and installation	1,688.19	
11 53 13 11-0202	EA	15" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3115-0) Note: Includes material and installation	1,175.20	
11 53 13 11-0203	EA	18" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3118-0) Note: Includes material and installation	1,244.22	
11 53 13 11-0204	EA	21" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3121-0) Note: Includes material and installation	1,298.32	
11 53 13 11-0205	EA	24" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3124-0) Note: Includes material and installation	1,315.11	
11 53 13 11-0206	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3724-01) Note: Includes material and installation	2,842.87	
11 53 13 11-0207	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3730-01) Note: Includes material and installation	3,756.92	
11 53 13 11-0208	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3736-01) Note: Includes material and installation	3,926.67	
11 53 13 11-0209	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3748-01) Note: Includes material and installation	4,486.29	
11 53 13 11-0210	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3724-0) Note: Includes material and installation	2,247.81	
11 53 13 11-0211	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3730-0) Note: Includes material and installation	2,611.56	
11 53 13 11-0212	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3736-0) Note: Includes material and installation	2,656.33	
11 53 13 11-0213	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3748-0) Note: Includes material and installation	2,813.02	
11 53 13 11-0214	EA	60" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3760-0) Note: Includes material and installation	3,081.64	
11 53 13 11-0215	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3724-0) Note: Includes material and installation	2,023.96	
11 53 13 11-0216	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3730-0) Note: Includes material and installation	2,290.71	
11 53 13 11-0217	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3736-0) Note: Includes material and installation	2,382.12	
11 53 13 11-0218	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3748-0) Note: Includes material and installation	2,533.21	
11 53 13 11-0219	EA	60" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3760-0) Note: Includes material and installation	2,729.08	
11 53 13 11-0220		Filters And Housing For Fume Hoods (Kewaunee Scientific) *(11 53 13 11-0001)*		
11 53 13 11-0221	EA	Painted CRS Filter Housing (Kewaunee Scientific X-016869) Note: Includes material and installation	1,843.02	
11 53 13 11-0222	EA	Stainless Steel Filter Housing (Kewaunee Scientific X-016868) Note: Includes material and installation	21,506.20	
11 53 13 11-0223	EA	High Efficiency Filter (Kewaunee Scientific 0864-00) Note: Includes material and installation	1,843.02	
11 53 13 11-0224	EA	Charcoal Absorber (Kewaunee Scientific 0855-00) Note: Includes material and installation	21,506.20	
11 53 13 11-0225	EA	Prefilter (Kewaunee Scientific 0863-00) Note: Includes material and installation	138.04	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0226		Centrifugal Fans For Fume Hoods (Kewaunee Scientific) *(11 53 13 11-0001)*		
11 53 13 11-0227	EA	1/4 HP, Single-Phase, 9" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-0902-T1) Note: Includes material and installation	4,975.02	
11 53 13 11-0228	EA	1/3 HP, Single-Phase, 9" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-0903-T1) Note: Includes material and installation	5,113.06	
11 53 13 11-0229	EA	1/2 HP, Single-Phase, 9" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-0905-T1) Note: Includes material and installation	5,182.08	
11 53 13 11-0230	EA	3/4 HP, Single-Phase, 10" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1008-T1) Note: Includes material and installation	5,729.58	
11 53 13 11-0231	EA	1 HP, Single-Phase, 13" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1310-T1) Note: Includes material and installation	6,277.07	
11 53 13 11-0232	EA	1-1/2 HP, Single-Phase, 14-1/2" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1415-T1) Note: Includes material and installation	9,001.49	
11 53 13 11-0233	EA	2 HP, Single-Phase, 16-1/8" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1620-T1) Note: Includes material and installation	11,725.90	
11 53 13 11-0234		Exhaust Stacks And Adapters For Fume Hoods (Kewaunee Scientific) *(11 53 13 11-0001)*		
11 53 13 11-0235	EA	6-9/16" Diameter x 99-1/8" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	828.24	
11 53 13 11-0236	EA	8-1/16" Diameter x 97-7/8" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	908.45	
11 53 13 11-0237	EA	9-11/16" Diameter x 92-1/2" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	925.24	
11 53 13 11-0238	EA	10-13/16" Diameter x 91-1/4" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	1,018.51	
11 53 13 11-0239	EA	11-11/16" Diameter x 90-3/4" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	1,121.18	
11 53 13 11-0240	EA	6-9/16" Diameter x 10-13/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-0912-00) Note: Includes material and installation	1,186.39	
11 53 13 11-0241	EA	8-1/16" Diameter x 11-13/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1012-00) Note: Includes material and installation	1,290.86	
11 53 13 11-0242	EA	9-11/16" Diameter x 13-5/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1312-00) Note: Includes material and installation	1,415.84	
11 53 13 11-0243	EA	10-13/16" Diameter x 14-11/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1412-00) Note: Includes material and installation	1,486.72	
11 53 13 11-0244	EA	11-11/16" Diameter x 16-15/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1612-00) Note: Includes material and installation	1,514.70	
11 53 13 11-0245	EA	11-15/16" Diameter x 9-1/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1209-00) Note: Includes material and installation	919.64	
11 53 13 11-0246	EA	11-15/16" Diameter x 10-1/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1210-00) Note: Includes material and installation	949.49	
11 53 13 11-0247	EA	11-15/16" Diameter x 13-5/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1213-00) Note: Includes material and installation	968.14	
11 53 13 11-0248	EA	11-15/16" Diameter x 14-9/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1214-00) Note: Includes material and installation	1,007.32	
11 53 13 11-0249	EA	11-15/16" Diameter x 16-3/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1216-00) Note: Includes material and installation	1,091.26	
11 53 13 11-0250		Biological Fume Hoods And Cabinets *(11 53 13 11)* Note: VWR scientific or approved equal. VWR model number listed for reference. Equipment set in place and final connections. Excludes piping, ductwork and electrical rough-ins. Other accepted manufactures: NuAire, Forma and Baker or equal.		
11 53 13 11-0251		Purifier® Logic® Class II, Type A2 Biosafety Cabinets (VWR 9700) *(11 53 13 11-0250)* Note: Includes two high efficiency particulate air (HEPA) filters, fluorescent lighting, UV lamp, 8" or 10" sash, LCD information center and service fixtures. Excludes base stand.		
11 53 13 11-0252	EA	3' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700)	17,030.95	747.72
11 53 13 11-0253	EA	4' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700)	19,026.10	747.72
11 53 13 11-0254	EA	5' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700)	22,594.20	847.32
11 53 13 11-0255	EA	6' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700)	23,913.85	847.32
11 53 13 11-0256		Base Stands For Purifier® Logic® Biosafety Cabinets (VWR) *(11 53 13 11-0250)* Note: ADA compliant. Includes epoxy coating.		
11 53 13 11-0257	EA	3' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR)	1,430.06	109.68
11 53 13 11-0258	EA	4' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR)	1,554.20	139.60
11 53 13 11-0259	EA	5' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR)	1,642.97	169.51
11 53 13 11-0260	EA	6' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR)	1,814.45	199.42
11 53 43		**Service Fittings and Accessories** *(11 53)*		
11 53 43 00-0001		Outlet And Valves *(11 53 43)*		
11 53 43 00-0002	EA	Medical Outlet Conversion Kit (Air, Oxygen, And Vacuum)	988.27	
11 53 43 00-0003		Test And Certify *(11 53 43)*		
11 53 43 00-0004	EA	Test And Certify Medical Gas Port	54.25	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 60 Entertainment and Recreation Equipment *(11)*

11 66 Athletic Equipment *(11 60)*

11 66 13 Exercise Equipment *(11 66)*

11 66 13 00-0001 Fitness Systems *(11 66 13)*

11 66 13 00-0002 Components For Physical Fitness Activities *(11 66 13 00-0001)*

11 66 13 00-0003	EA	Sit And Reach	1,487.00	112.40
11 66 13 00-0004	EA	Isometric Squat	554.48	44.96
11 66 13 00-0005	EA	Log Jump	3,594.07	179.84
11 66 13 00-0006	EA	Step Up	810.94	89.92
11 66 13 00-0007	EA	Hip Rotation	3,943.54	157.36
11 66 13 00-0008	EA	Body Curl	1,459.57	89.92
11 66 13 00-0009	EA	Horizontal Ladder	4,768.62	179.84
11 66 13 00-0010	EA	Chin Up	3,611.60	179.84
11 66 13 00-0011	EA	Push Up	2,204.62	89.92
11 66 13 00-0012	EA	Leg Raise	3,083.43	134.88
11 66 13 00-0013	EA	Log Hop	1,395.95	44.96
11 66 13 00-0014	EA	Parallel Bar	2,965.10	134.88
11 66 13 00-0015	EA	Leg Stretch	1,249.20	89.92
11 66 13 00-0016	EA	Balance Beam	1,120.97	67.44
11 66 13 00-0017	EA	Log Roll	3,538.08	112.40

11 66 13 00-0018 Wall Mounted Equipment *(11 66 13)*

11 66 13 00-0019	SET	Parallel Bars, Wall Mounted	4,710.20	572.01
11 66 13 00-0020	EA	Exercise Ladder, Wall Mounted	3,590.03	11.92

11 66 23 Gymnasium Equipment *(11 66)*

11 66 23 13 Basketball Equipment *(11 66 23)*

11 66 23 13-0001 Basketball Equipment *(11 66 23 13)*

11 66 23 13-0002	EA	4' To 6' Extention, Wall Mounted, Stationary Basketball Backstop System With 54" x 39" Fan Shaped Cast Aluminum Basketball Backboard (Porter Athletic 312F46) Note: Includes rim and net.	3,944.62	858.00
		For Glass Backstop, Add	*500.00*	
		For Fiberglass Backstop, Add	*200.00*	
11 66 23 13-0003	EA	6' Ceiling Mounted Basketball Backstop Wood, Fixed Type, With Support Structure Note: Includes rim and net.	6,454.00	858.00
		For Glass Backstop, Add	*500.00*	
		For Fiberglass Backstop, Add	*200.00*	
11 66 23 13-0004	EA	Ceiling Mounted Basketball Backstop Wood, Swing-up Type (Either Forward Or Backward), With Support Structure Note: Includes rim and net.	7,885.60	1,144.00
		For Glass Backstop, Add	*500.00*	
		For Electrically Operated, Add	*2,180.01*	
		For Fiberglass Backstop, Add	*200.00*	

11 66 23 23 Volleyball Equipment *(11 66 23)*

11 66 23 23-0001	EA	Economy End Upright Padding, Each, Wrap Around Pads Only Note: Porter Athletic model # 717-003.	811.01	59.75
11 66 23 23-0002	EA	Net Tension Cover Pads, 1 Pair Note: Porter Athletic model # 00816-003.	182.47	13.45
11 66 23 23-0003	EA	32' L x 39" H Power Volleyball Net Note: Porter Athletic model # 02255-000.	598.11	44.07
11 66 23 23-0004	EA	White Polyester Reinforced Boundary Markers, One Pair Note: Porter Athletic model # 02297-000.	105.94	4.29
11 66 23 23-0005	EA	Power-Line Net Antenna, One Pair Note: Porter Athletic model # 02296-100.	366.57	9.06
11 66 23 23-0006	EA	32' x 39" Power-Line Competition Volleyball Net Note: Porter Athletic model # 02295-640.	677.65	42.90
11 66 23 23-0007	EA	Competition Center Standard Padding, Standard Red Note: Porter Athletic model # 00839-103.	668.41	19.07
		For Colors Other Than Standard Red, Add *Note: Includes sky blue, royal blue, white, orange, yellow, beige, gray, maroon, purple, black, navy, kelly green, dark green.*	*22.00*	
11 66 23 23-0008	EA	Judge's Stand, Attaches To Standard Note: Porter Athletic model # 00889-100.	1,340.51	47.67
11 66 23 23-0009	EA	Judge's Stand Padding Note: Porter Athletic model # 00993-103.	954.65	23.83
		For Colors Other Than Standard Red, Add *Note: Includes sky blue, royal blue, white, orange, yellow, beige, gray, maroon, purple, black, navy, kelly green, dark green.*	*30.00*	
11 66 23 23-0010	EA	Power-Line Aluminum Uprights, One Pair Note: Porter Athletic model # 01991-000.	3,887.24	47.67
11 66 23 23-0011	EA	2-3/8" Round Ground/Floor Sleeve Note: Porter Athletic model # 00402-000.	223.80	4.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 66 23 23-0012	EA	3-1/2" Round Ground/Floor Sleeve Note: Porter Athletic model # 00403-000.	259.67	4.29
11 66 23 23-0013	EA	4" Round Ground/Floor Sleeve Note: Porter Athletic model # 00404-000.	280.16	4.29

11 66 23 53 Wall Padding *(11 66 23)*

11 66 23 53-0001 Gymnasium Wall Padding *(11 66 23 53)*

Note: Includes wall padding, 7/16" thick oriented strand board backing with or without nailing strip, vinyl cover and mounting screws. Excludes removable wall attachment fittings. See CSI section 11 66 23 53-0008 for wall attachment fittings.

11 66 23 53-0002	SF	2" Thick, Non-Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter DuraSafe) Note: Includes cutting and re-upholstering wall pads to accommodate existing, e.g., lights, outlets, switches, grilles, fire alarm, etc.	15.51	1.66
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*4.87*	
11 66 23 53-0003	SF	3" Thick, Non-Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter DuraSafe) Note: Includes cutting and re-upholstering wall pads to accommodate existing, e.g., lights, outlets, switches, grilles, fire alarm, etc.	20.94	1.83
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*4.87*	
11 66 23 53-0004	SF	2" Thick, NFPA 286 Fire Rated, Gymnasium Wall Padding (Porter FireSafe)	24.45	1.66
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*4.87*	
11 66 23 53-0005	SF	3" Thick, NFPA 286 Fire Rated, Gymnasium Wall Padding (Porter FireSafe)	38.49	1.83
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*4.87*	
11 66 23 53-0006	SF	2" Thick, NFPA 286 Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter SuperSafe)	31.36	1.66
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*4.87*	
11 66 23 53-0007	SF	3" Thick, NFPA 286 Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter SuperSafe)	46.75	1.83
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*4.87*	

11 66 23 53-0008 Gymnasium Wall Padding Accessories *(11 66 23 53)*

11 66 23 53-0009	LF	"Z" Wall/Panel Attachment Clips For Wall Pads Note: Extruded aluminum. Typically requires two clips mounted to wall and two clips mounted to panel for a 6' high wall pad.	8.90	2.41
11 66 23 53-0010	LF	Molding Channel Wall Attachment For Wall Pads Note: Extruded aluminum. Accepts 1" lip of wall pad at bottom of pad. Can be used with "Z" clip to secure top of pad.	14.12	2.41
11 66 23 53-0011	LF	Floor Molding Channel Wall Attachment For Wall Pads Note: Extruded aluminum. Accepts 1" lip of wall pad at bottom of pad. Provides contoured molding strip from panel to the floor.	14.78	2.41
11 66 23 53-0012	EA	Single Or Double Gang Molded Inserts For Electrical Outlets For Wall Pads	49.23	

11 66 43 Interior Scoreboards *(11 66)*

11 66 43 00-0001 Scoreboards *(11 66 43)*

11 66 43 00-0002	EA	8' x 3' x 8", Multi-Sport LED Scoreboard With Wired Controls (Nevco Model 2700) Note: For basketball, volleyball or wrestling. Includes horn and controls. Excludes wire to controls.	5,194.57	363.46
		For Scoreboard Only, No Controls, Deduct	*-321.00*	
		For Control Carrying Case, Add	*59.00*	
		For Wireless Controls, Add	*882.87*	
11 66 43 00-0003	EA	8' x 6' x 8", Multi-Sport LED Scoreboard With Wired Controls (Nevco Model 2750) Note: For basketball, volleyball or wrestling. Includes horn and controls. Excludes wire to controls.	7,593.71	605.76
		For Scoreboard Only, No Controls, Deduct	*-321.00*	
		For Control Carrying Case, Add	*59.00*	
		For Wireless Controls, Add	*882.87*	
11 66 43 00-0004	EA	12' x 8' x 8", Multi-Sport LED Scoreboard With Wired Controls (Nevco Model 2760) Note: For basketball, volleyball or wrestling. Includes horn and controls. Excludes wire to controls.	11,877.61	726.91
		For Scoreboard Only, No Controls, Deduct	*-321.00*	
		For Control Carrying Case, Add	*59.00*	
		For Wireless Controls, Add	*882.87*	

11 66 53 Gymnasium Dividers *(11 66)*

11 66 53 11 Gymnasium Dividers *(11 66 53)*

11 66 53 11-0001 Gymnasium Dividers *(11 66 53 11)*

11 66 53 11-0002	SF	Gym Divider, Manual Mesh Top And Vinyl Bottom	7.33	1.01
11 66 53 11-0003	SF	Gym Divider, Electric Roll Up Mesh Top And Vinyl Bottom	13.13	1.01

11 68 Play Field Equipment and Structures *(11 60)*

11 68 13 Playground Equipment *(11 68)*

See CSI section 32 31 13 13-0001 for augering holes and fill for posts.

11 68 13 00-0001 Standalone Playground Equipment *(11 68 13)*

11 68 13 00-0002 Ground Socket For Movable Posts *(11 68 13 00-0001)*

11 68 13 00-0003	PR	Ground Socket For 2-3/8" Post For Playground Equipment	292.97	60.71
11 68 13 00-0004	PR	Ground Socket For 3-1/2" Post For Playground Equipment	453.97	60.71

11 68 13 00-0005 See-Saws *(11 68 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0006		**Steel See-Saw** *(11 68 13 00-0005)*		
11 68 13 00-0007	EA	2 Unit Steel See-Saw	2,485.81	373.62
11 68 13 00-0008	EA	4 Unit Steel See-Saw	4,047.19	441.52
11 68 13 00-0009	EA	6 Unit Steel See-Saw	5,620.88	539.65
11 68 13 00-0010		**14' Long Laminated Beam** *(11 68 13 00-0005)*		
11 68 13 00-0011	EA	Beam Is Supported By Two 12 In x 12 In Stepping Column Posts	2,663.66	330.36
11 68 13 00-0012	EA	Beam Is Supported By Two 8 In x 8 In Posts	1,839.87	294.29
11 68 13 00-0013		**Slides** *(11 68 13 00-0001)*		
11 68 13 00-0014	EA	8' Long x 4' High Slide With Stainless Steel Bed	3,138.20	427.22
11 68 13 00-0015	EA	12' Long x 6' High Slide With Stainless Steel Bed	4,388.32	607.11
11 68 13 00-0016	EA	16' Long x 8' High Slide With Stainless Steel Bed	4,859.53	674.56
11 68 13 00-0017	EA	20' Long x 10' High Slide With Stainless Steel Bed	6,134.86	747.23
11 68 13 00-0018	EA	6' High, 360 Degree One Piece Molded Polyethylene Slide	16,496.12	1,175.45
11 68 13 00-0019	EA	7' High, 360 Degree Slide, Stainless Steel Bed	19,617.04	1,212.60
11 68 13 00-0020	EA	9' High, 360 Degree Slide, Stainless Steel Bed	24,751.84	1,274.48
11 68 13 00-0021		**Whirlers** *(11 68 13 00-0001)*		
11 68 13 00-0022	EA	8' Diameter Whirler	6,716.23	809.48
11 68 13 00-0023	EA	10' Diameter Whirler	7,795.61	971.38
11 68 13 00-0024		**Other Standalone Playground Equipment** *(11 68 13 00-0001)*		
11 68 13 00-0025		**Miscellaneous Standalone Playground Equipment** *(11 68 13 00-0024)*		
11 68 13 00-0026	EA	Horizontal Ladder	2,149.79	216.26
11 68 13 00-0027	EA	Tether Ball Post	363.69	42.27
11 68 13 00-0028	PR	10'-6" Long Multiple Purpose Post	553.84	74.74
11 68 13 00-0029	EA	3-Person Fiberglass Golf Tee Shelter Turntable	8,575.07	211.18
11 68 13 00-0030	EA	Horizontal Turning Bars, 1 Bar	682.36	112.85
11 68 13 00-0031	EA	Horizontal Turning Bars, 2 Bars	924.21	134.88
11 68 13 00-0032	EA	Horizontal Turning Bars, 3 Bars	1,246.34	179.84
11 68 13 00-0033	EA	Horizontal Turning Bars, 5 Bars	1,824.53	247.28
11 68 13 00-0034	EA	Top Goal Opening With 4 Exit Holes (One Each Side) And 8' Pole	1,930.89	102.96
11 68 13 00-0035	EA	Top Goal Opening With 4 Exit Holes (One Each Side) And 10' Pole	2,126.16	111.14
11 68 13 00-0036	EA	Coil Spring With Single Riding Aluminum Saddle Devices	2,079.05	119.15
11 68 13 00-0037	EA	"C" Spring With Single Riding Aluminum Saddle Devices	2,143.39	102.51
11 68 13 00-0038	EA	Rubber Spring With Single Riding Aluminum Saddle Devices	2,638.05	134.25
11 68 13 00-0039	EA	Coil Spring Assembly Only	526.56	49.37
11 68 13 00-0040	EA	"C" Spring Assembly Only	349.87	32.91
11 68 13 00-0041	EA	Rubber Spring Assembly Only	263.80	64.20
11 68 13 00-0042	EA	Footbuck Assembly Only	90.92	8.63
11 68 13 00-0043	EA	Two Seat, Two Spring Action Cars (4'-8" x 2'-8")	2,364.70	123.46
11 68 13 00-0044		**Freestanding Panels** *(11 68 13 00-0024)*		
		Note: Rotomolded polyethylene.		
11 68 13 00-0045	EA	Tic-Tac-Toe Panel	1,006.88	52.87
11 68 13 00-0046	EA	24" Bubble Panel	1,508.37	79.22
11 68 13 00-0047	EA	Fire Engine Panel	2,213.57	116.27
11 68 13 00-0048	EA	Flat Mirror Panel	1,770.86	93.06
11 68 13 00-0049	EA	Wavy Mirror Panel	2,621.02	137.76
11 68 13 00-0050	EA	Paint Time Panel	1,700.33	89.38
11 68 13 00-0051	EA	Phone Time Panel	1,206.69	63.39
11 68 13 00-0052	EA	Phone Time With Graphic Panel	1,206.69	63.39
11 68 13 00-0053	EA	Race Time Panel	2,115.63	111.14
11 68 13 00-0054	EA	Rescue 911 Panel	2,147.19	111.14
11 68 13 00-0055	EA	Eastern/Central/Western States Panel	1,155.76	60.70
11 68 13 00-0056	EA	Career People Panel	1,312.47	68.97
11 68 13 00-0057	EA	Solar System Panel	1,312.47	68.97
11 68 13 00-0058	EA	Animals Panel	1,312.47	68.97
11 68 13 00-0059		**Freestanding Panels Uprights** *(11 68 13 00-0024)*		
11 68 13 00-0060	EA	3-1/2" Outside Diameter End Panel Upright	311.71	29.68
11 68 13 00-0061	EA	3-1/2" Outside Diameter 90 Degree Upright	337.70	32.10
11 68 13 00-0062	EA	3-1/2" Outside Diameter 180 Degree Upright	337.70	32.10
11 68 13 00-0063	EA	3-1/2" Outside Diameter "T-Shaped" Upright	359.35	34.17
11 68 13 00-0064		**Coasters** *(11 68 13 00-0024)*		
11 68 13 00-0065	EA	12' Single Metal Coaster With Four Posts	7,791.55	359.68
11 68 13 00-0066	EA	18' Single Metal Coaster With Four Posts	8,710.27	449.60
11 68 13 00-0067	EA	12' Double Metal Coaster With Four Posts	12,605.78	539.52
11 68 13 00-0068	EA	18' Double Metal Coaster With Four Posts	14,332.46	674.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0069		**Climbers** *(11 68 13 00-0024)*		
11 68 13 00-0070	EA	Tower Climber, 3.17' Diameter x 7.25' High	1,419.12	240.27
11 68 13 00-0071	EA	Arch Climber, 2' x 12' x 4.5' High	1,291.85	294.22
11 68 13 00-0072	EA	Arch Climber, 2' x 15' x 5.83' High	1,404.35	240.27
11 68 13 00-0073	EA	Arch Climber, 2' x 17' x 6.58' High	1,510.89	294.22
11 68 13 00-0074	EA	Rainbow Climber, 2' x 10'-5" x 4' High	1,619.64	240.00
11 68 13 00-0075	EA	Rainbow Climber, 2' x 10'-5" x 5' High	1,816.86	240.09
11 68 13 00-0076	EA	Rainbow Climber, 2' x 12'-5" x 6' High	2,119.03	240.09
11 68 13 00-0077	EA	Rainbow Climber, 2' x 15'-4" x 7' High	2,316.58	240.00
11 68 13 00-0078	EA	Double Level Arch Climber, 6' Wide x 12'-6" x 6' High Upper Section / 5' High Lower Section	2,795.54	281.00
11 68 13 00-0079	EA	12' Long Horizontal Ladder Climber	2,277.50	209.83
11 68 13 00-0080	EA	14' Long Horizontal Ladder Climber	2,310.74	209.83
11 68 13 00-0081	EA	16' Long Horizontal Ladder Climber	2,530.83	209.83
11 68 13 00-0082	EA	Bell Climber, 7'-5" High With Double Bars	2,376.15	269.76
11 68 13 00-0083	EA	2-Way Climber	1,993.02	216.26
11 68 13 00-0084	EA	4-Way Climber	3,187.78	216.26
11 68 13 00-0085		**Swings** *(11 68 13 00-0001)*		
11 68 13 00-0086		**Two-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail** *(11 68 13 00-0085)*		
		Note: Legs, 1-7/8" diameter, traditional.		
11 68 13 00-0087	EA	8' High Top Rail, One Section Two Seats	1,864.27	330.36
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*217.29*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*247.55*	
11 68 13 00-0088	EA	8' High Top Rail, Two Sections Four Seats	2,978.61	472.73
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*348.71*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*403.20*	
11 68 13 00-0089	EA	8' High Top Rail, Three Sections, Six Seats	4,120.45	695.62
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*481.92*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*555.40*	
11 68 13 00-0090	EA	8' High Top Rail, Four Sections, Eight Seats	5,165.97	809.48
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*605.26*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*701.63*	
11 68 13 00-0091	EA	10' High Top Rail, One Section Two Seats	1,991.58	330.36
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*233.21*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*269.83*	
11 68 13 00-0092	EA	10' High Top Rail, Two Section Four Seats	3,110.02	503.50
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*362.89*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*414.94*	
11 68 13 00-0093	EA	10' High Top Rail, Three Sections, Six Seats	4,290.80	781.86
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*499.10*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*564.66*	
11 68 13 00-0094	EA	10' High Top Rail, Four Sections, Eight Seats	5,689.51	944.39
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*663.95*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*759.47*	
11 68 13 00-0095		**Three-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail** *(11 68 13 00-0085)*		
		Note: Legs, 1-7/8" diameter, traditional.		
11 68 13 00-0096	EA	8' High Top Rail, One Section, Two Seats	2,143.83	291.77
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*253.39*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*302.22*	
11 68 13 00-0097	EA	8' High Top Rail, Two Sections, Four Seats	3,111.63	423.36
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*367.79*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*438.70*	
11 68 13 00-0098	EA	8' High Top Rail, Three Sections, Six Seats	4,151.13	566.19
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*490.58*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*584.90*	
11 68 13 00-0099	EA	8' High Top Rail, Four Sections, Eight Seats	5,191.52	674.56
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*615.21*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*739.85*	
11 68 13 00-0100	EA	10' High Top Rail, One Section, Two Seats	2,417.67	328.83
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*285.77*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*340.89*	
11 68 13 00-0101	EA	10' High Top Rail, One Section Three Seats	2,526.77	348.71
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*299.24*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*359.13*	
11 68 13 00-0102	EA	10' High Top Rail, Two Sections, Four Seats	3,375.01	460.32
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*398.86*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*475.54*	
11 68 13 00-0103	EA	10' High Top Rail, Two Sections, Six Seats	4,066.86	530.66
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*483.08*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*585.30*	
11 68 13 00-0104	EA	10' High Top Rail, Three Section, Six Seats	4,492.59	612.42
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*530.95*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*633.09*	
11 68 13 00-0105	EA	10' High Top Rail, Three Sections, Nine Seats	5,607.01	674.83
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*667.14*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*812.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0106	EA	10' High Top Rail, Four Section, Eight Seats	5,693.74	809.48
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*671.23*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*793.99*	
11 68 13 00-0107	EA	12' High Top Rail, One Section Three Seats	2,643.71	357.16
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*313.45*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*377.57*	
11 68 13 00-0108	EA	12' High Top Rail, Two Sections, Six Seats	4,301.56	574.64
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*510.32*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*615.90*	
11 68 13 00-0109	EA	12' High Top Rail, Three Sections, Nine Seats	6,251.91	920.37
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*736.52*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*869.23*	
11 68 13 00-0110		**Swing Accessories** *(11 68 13 00-0085)*		
11 68 13 00-0111	EA	Enclosed Tot Seat With Chain And Hardware	636.30	27.10
11 68 13 00-0112	EA	Bucket Seat With Chain And Hardware	528.97	22.54
11 68 13 00-0113	EA	Belt Seat With Chain And Hardware	563.47	24.06
11 68 13 00-0114	EA	Seat With Chain And Hardware	555.81	23.70
11 68 13 00-0115	EA	Wide Seat With Chain And Hardware	586.68	25.04
11 68 13 00-0116	EA	Handi Seat With Chain And Hardware	1,751.72	74.69
11 68 13 00-0117	LF	0.4 LB/LF Replacement Chain	7.28	0.53
11 68 13 00-0118	LF	1 LB/LF Replacement Chain	13.52	1.07
11 68 13 00-0119	EA	Swing Hanger Replacement	79.05	6.17
11 68 13 00-0120		**Playground Equipment (Landscape Structures®)** *(11 68 13)* Note: Excludes excavation and concrete footings.		
11 68 13 00-0121		**Playground Equipment (Landscape Structures® PlayShaper®)** *(11 68 13 00-0120)* Note: Ages 2 to 5 years.		
11 68 13 00-0122	EA	El Slide, 32" Deck (Landscape Structures® PlayShaper® 111323A)	2,689.87	120.91
11 68 13 00-0123	EA	SpyroSlide, 56" Height, 48" Deck (Landscape Structures® PlayShaper® 143480A)	6,817.52	453.45
11 68 13 00-0124	EA	Tunnel Slide, 40" Deck (Landscape Structures® PlayShaper® 128952A)	2,804.09	120.91
11 68 13 00-0125	EA	Double Wave Poly Slide, 48" Deck (Landscape Structures® PlayShaper® 123336A)	3,206.73	181.38
11 68 13 00-0126	EA	Double Swirl Slide, 48" Deck (Landscape Structures® PlayShaper® 130798A)	2,725.37	181.38
11 68 13 00-0127	EA	Double Poly Slide, 32" Deck (Landscape Structures® PlayShaper® 132155A)	2,159.57	120.91
11 68 13 00-0128	EA	Double Poly Slide, 40"- 48" Deck (Landscape Structures® PlayShaper® 132155B)	2,396.17	120.91
11 68 13 00-0129	EA	Lava Run Slide, 30" Or 32" Deck (Landscape Structures® PlayShaper® 137967A)	1,841.39	120.91
11 68 13 00-0130	EA	32" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426A)	5,230.46	362.75
11 68 13 00-0131	EA	40" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426B)	6,029.99	362.75
11 68 13 00-0132	EA	48" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426C)	6,495.03	362.75
11 68 13 00-0133	EA	Curved Poly Slide, 40" Deck (Landscape Structures® PlayShaper® 123339A)	1,846.69	60.46
11 68 13 00-0134	EA	Single Poly Slide, 40" Deck (Landscape Structures® PlayShaper® 133668A)	1,882.18	120.91
11 68 13 00-0135	EA	32" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117A)	2,496.94	181.38
11 68 13 00-0136	EA	40" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117B)	2,782.48	181.38
11 68 13 00-0137	EA	48" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117C)	3,100.67	181.38
11 68 13 00-0138	EA	Critter Canyon Climber, 30" Or 32" Deck (Landscape Structures® PlayShaper® 137966A)	1,792.44	120.91
11 68 13 00-0139	EA	Thunderhead Climber, 48" Deck-To-Ground (Landscape Structures® PlayShaper® 139911A)	7,487.93	483.68
11 68 13 00-0140	EA	Step Deck Climber, 16" Deck (Landscape Structures® PlayShaper® 119981A)	1,050.01	120.91
11 68 13 00-0141	EA	Loop Ladder Climber, 40" Or 48" Deck (Landscape Structures® PlayShaper® 111364A)	1,104.27	60.46
11 68 13 00-0142	EA	Loop Arch Climber, 32" - 48" Deck (Landscape Structures® PlayShaper® 139262A)	1,670.13	151.15
11 68 13 00-0143	EA	32" Deck, Block Climber (Landscape Structures® PlayShaper® 135547A)	2,588.11	211.61
11 68 13 00-0144	EA	40" Deck, Block Climber (Landscape Structures® PlayShaper® 135547B)	3,020.51	211.61
11 68 13 00-0145	EA	32" - 40" Deck, Cozy Climber (Landscape Structures® PlayShaper® 132023A)	2,812.25	120.91
11 68 13 00-0146	EA	48" Deck, Cozy Climber (Landscape Structures® PlayShaper® 132023B)	3,024.37	120.91
11 68 13 00-0147	EA	1-Step, With Permalene Barriers, Deck Links (Landscape Structures® PlayShaper® 153021A)	1,384.51	120.91
11 68 13 00-0148	EA	2-Steps, With Permalene Barriers, Deck Links (Landscape Structures® PlayShaper® 153021B)	1,612.95	120.91
11 68 13 00-0149	EA	16" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346A)	720.10	50.39
11 68 13 00-0150	EA	24" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346B)	1,334.13	90.69
11 68 13 00-0151	EA	32" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346C)	2,025.89	231.76
11 68 13 00-0152	EA	40" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346D)	2,384.86	231.76
11 68 13 00-0153	EA	32" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327A)	2,126.94	120.91
11 68 13 00-0154	EA	40" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327B)	4,676.11	120.91
11 68 13 00-0155	EA	48" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327C)	3,146.75	120.91
11 68 13 00-0156	EA	32" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284A)	999.14	151.15
11 68 13 00-0157	EA	40" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284B)	1,026.98	151.15
11 68 13 00-0158	EA	48" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284C)	1,075.39	151.15
11 68 13 00-0159	EA	Overhead Events Horizontal Ladder, 16" Deck (Landscape Structures® PlayShaper® 129967A)	1,070.20	30.23
11 68 13 00-0160	EA	Overhead Events Horizontal Ladder End Panel, Without Posts (Landscape Structures® PlayShaper® 129968A)	393.05	30.23
11 68 13 00-0161	EA	Conical Climber, 40" Deck (Landscape Structures® PlayShaper® 143200A)	3,829.57	211.61
11 68 13 00-0162	EA	ABC Climber, 32" - 48" Deck (Landscape Structures® PlayShaper® 152432A)	2,005.62	151.15
11 68 13 00-0163	EA	Mini Summit Climber, 40" And 48" Decks (Landscape Structures® PlayShaper® 153077A)	1,219.40	50.39
11 68 13 00-0164	EA	Arch Bridge, 42" Long (Landscape Structures® PlayShaper® 111348A)	2,401.47	60.46
11 68 13 00-0165	EA	Phase Kit (Landscape Structures® PlayShaper® 116098A)	337.70	38.09
11 68 13 00-0166	EA	Belt Bridge With Permalene Barriers, 42" Long (Landscape Structures® PlayShaper® 131956A)	1,863.01	60.46
11 68 13 00-0167	EA	8" Deck-To-Ground, Ramp Exit Plate (Landscape Structures® PlayShaper® 111413A)	746.72	90.69
11 68 13 00-0168	EA	16" - 48" Decks To Ground, Ramp Exit Plate (Landscape Structures® PlayShaper® 138405A)	1,463.68	90.69
11 68 13 00-0169	EA	Deck-To-Deck Ramp With Permalene Barrier And Handrail, Excludes Posts (Landscape Structures® PlayShaper® 132828A)	5,167.62	241.84
11 68 13 00-0170	EA	Deck-To-Ground Ramp With Permalene Barrier And Handrail, Excludes Posts (Landscape Structures® PlayShaper® 132844A)	5,167.62	241.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0171	EA	Wire Crawl Tunnel (Landscape Structures® PlayShaper® 118099A)	2,355.37	120.91
11 68 13 00-0172	EA	Offset Crawl Tunnel, 8" Deck Height Difference (Landscape Structures® PlayShaper® 139268A)	1,767.96	120.91
11 68 13 00-0173	EA	28" Long, Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 128953A)	1,805.90	60.46
11 68 13 00-0174	EA	56" Long, Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 128953B)	2,336.20	60.46
11 68 13 00-0175	EA	90 Degree Curved Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 115409C)	2,583.81	120.91
11 68 13 00-0176	EA	C-Straight Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 118097A)	4,262.03	241.84
11 68 13 00-0177	EA	S-Straight Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 118097B)	4,262.03	241.84
11 68 13 00-0178	EA	C-Inclined Crawl Tunnels With Entrance Panels, 16" Deck Height Difference (Landscape Structures® PlayShaper® 118098A)	4,262.03	241.84
11 68 13 00-0179	EA	S-Inclined Crawl Tunnels With Entrance Panels, 16" Deck Height Difference (Landscape Structures® PlayShaper® 118098B)	4,262.03	241.84
11 68 13 00-0180	EA	Bubble Panel, Enclosure (Landscape Structures® PlayShaper® 111282A)	817.29	30.23
11 68 13 00-0181	EA	Ball Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111300A)	1,248.97	20.15
11 68 13 00-0182	EA	Chimes Panel, Enclosure (Landscape Structures® PlayShaper® 113211A)	1,444.77	20.15
11 68 13 00-0183	EA	Braille And Clock Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 123845A)	1,575.31	20.15
11 68 13 00-0184	EA	Driver Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111288A)	858.08	30.23
11 68 13 00-0185	EA	Finger Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111289A)	677.87	20.15
11 68 13 00-0186	EA	Gear Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 117147A)	1,975.07	20.15
11 68 13 00-0187	EA	Hole Panel, Enclosure (Landscape Structures® PlayShaper® 111284A)	539.18	20.15
11 68 13 00-0188	EA	House Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111299A)	637.80	30.23
11 68 13 00-0189	EA	Hourglass Panel, Enclosure (Landscape Structures® PlayShaper® 124333A)	1,681.37	20.15
11 68 13 00-0190	EA	Match 4 Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 127684A)	1,053.89	30.23
11 68 13 00-0191	EA	Image Panel, 176 Play Blocks, Enclosure (Landscape Structures® PlayShaper® 127685A)	1,463.24	60.46
11 68 13 00-0192	EA	Math Panel, Enclosure, Red Discs Only (Landscape Structures® PlayShaper® 111294A)	1,568.59	50.39
11 68 13 00-0193	EA	Sand And Water Panel, Enclosure (Ground Level Only), Tan Dish Only (Landscape Structures® PlayShaper® 111297A)	1,513.62	90.69
11 68 13 00-0194	EA	Mirror Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111298A)	1,093.95	20.15
11 68 13 00-0195	EA	Periscope Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 118429A)	1,633.14	30.23
11 68 13 00-0196	EA	Pilot Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 119515A)	1,119.15	30.23
11 68 13 00-0197	EA	Slant Window Panel, Enclosure (Landscape Structures® PlayShaper® 111281A)	1,430.61	60.46
11 68 13 00-0198	EA	Storefront Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 144984A)	490.95	30.23
11 68 13 00-0199	EA	Spelling Panel, Enclosure, Red Discs Only (Landscape Structures® PlayShaper® 111295A)	1,511.48	50.39
11 68 13 00-0200	EA	Slant Entrance Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 111387A)	1,162.08	80.62
11 68 13 00-0201	EA	Space Travel Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 123484A)	1,403.98	20.15
11 68 13 00-0202	EA	Puppet Panel, Enclosure (Landscape Structures® PlayShaper® 111285A)	539.18	20.15
11 68 13 00-0203	EA	Puppet Panel With Window, Enclosure (Landscape Structures® PlayShaper® 111286A)	743.86	30.23
11 68 13 00-0204	EA	Zoo Panel, Enclosure (Landscape Structures® PlayShaper® 111287A)	539.18	20.15
11 68 13 00-0205	EA	Tracing Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111290A)	694.19	20.15
11 68 13 00-0206	EA	Table Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 111292A)	1,317.82	90.69
11 68 13 00-0207	EA	Tic-Tac-Toe Panel, Enclosure (Landscape Structures® PlayShaper® 111293A)	1,429.18	30.23
11 68 13 00-0208	EA	Bead And Block Panel Without Handles, Enclosure (Landscape Structures® PlayShaper® 111370A)	1,086.52	30.23
11 68 13 00-0209	EA	2 Benches, 2 End Panels (Ground Level Only) (Landscape Structures® PlayShaper® 116120A)	1,046.44	50.39
11 68 13 00-0210	EA	1 Bench, 2 End Panels (Ground Level Only) (Landscape Structures® PlayShaper® 138185A)	605.88	50.39
11 68 13 00-0211	EA	1 Bench, 1 End Panel (Ground Level Only) (Landscape Structures® PlayShaper® 138299A)	531.74	30.23
11 68 13 00-0212	EA	Balcony Deck, Brown Tenderdeck Only (Landscape Structures® PlayShaper® 139260A)	1,472.83	90.69
11 68 13 00-0213	EA	Balcony Deck With Wheel, Brown Tenderdeck Only (Landscape Structures® PlayShaper® 139260B)	1,709.42	90.69
11 68 13 00-0214	EA	Trail Tracker Reach Panel (2-Color Permalene) (Landscape Structures® PlayShaper® 139264A)	490.22	20.15
11 68 13 00-0215	EA	Navigator Reach Panel (2-Color Permalene) (Landscape Structures® PlayShaper® 139266A)	686.03	20.15
11 68 13 00-0216	EA	Curb, Accessible Reach Panel (Landscape Structures® PlayShaper® 128623A)	142.67	20.15
11 68 13 00-0217	EA	Long Wire Barrier (For 90 Degree Tri-Deck) (Landscape Structures® PlayShaper® 117945A)	792.81	30.23
11 68 13 00-0218	EA	Long Wire Barrier With Wheel (For 90 Degree Tri-Deck) (Landscape Structures® PlayShaper® 117945B)	1,054.60	50.39
11 68 13 00-0219	EA	Short Wire Barrier (Square, Corner And Extension Decks) (Landscape Structures® PlayShaper® 117946A)	605.88	50.39
11 68 13 00-0220	EA	Short Wire Barrier With Wheel (Square, Corner And Extension Decks) (Landscape Structures® PlayShaper® 117946B)	842.48	50.39
11 68 13 00-0221	EA	Chinning Bar Without Post (Landscape Structures® PlayShaper® 139272A)	139.41	20.15
11 68 13 00-0222	EA	Steering Wheel (Landscape Structures® PlayShaper® 111306A)	261.79	20.15
11 68 13 00-0223	EA	Steering Wheel With Infill Panel (Landscape Structures® PlayShaper® 111306B)	351.53	20.15
11 68 13 00-0224	EA	Handloop (Landscape Structures® PlayShaper® 119977A)	204.68	20.15
11 68 13 00-0225	EA	Ground Level, Talk Tubes, Attaches Next To 40" To 48" Deck Only, One Only (Landscape Structures® PlayShaper® 115198A)	556.22	30.23
11 68 13 00-0226	EA	16" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198B)	572.53	30.23
11 68 13 00-0227	EA	24" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198C)	580.69	30.23
11 68 13 00-0228	EA	32" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198D)	597.01	30.23
11 68 13 00-0229	EA	40" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198E)	605.17	30.23
11 68 13 00-0230	EA	48" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198F)	621.49	30.23
11 68 13 00-0231	EA	Talk Tube Tubing Kit (Landscape Structures® PlayShaper® 111362A) Note: Order one talk tube tubing kit with two talk tubes (any height listed).	530.74	181.38
11 68 13 00-0232	EA	Arch Roof (Landscape Structures® PlayShaper® 111407A)	843.19	60.46
11 68 13 00-0233	EA	Square Poly Roof With Logo Panels (Landscape Structures® PlayShaper® 118110A)	1,580.32	120.91
11 68 13 00-0234	EA	Square Peak Tile Roof With Logo Panels (Landscape Structures® PlayShaper® 129816A)	1,751.65	120.91
11 68 13 00-0235	EA	Super-Square Shingle Roof With Permalene Roof Cap (Landscape Structures® PlayShaper® 130102A)	3,628.10	120.91
11 68 13 00-0236	EA	Super-Square Shingle Roof With Poly Roof Cap (Landscape Structures® PlayShaper® 130102B)	4,215.51	120.91
11 68 13 00-0237	EA	Square Tenderdeck, Brown Only (Landscape Structures® PlayShaper® 111237A)	915.91	50.39
11 68 13 00-0238	EA	Square Tenderdeck, Corner, Brown Only (Landscape Structures® PlayShaper® 111238A)	875.11	50.39
11 68 13 00-0239	EA	Square Tenderdeck, Extension, Brown Only (Landscape Structures® PlayShaper® 111239A)	891.43	50.39
11 68 13 00-0240	EA	90 Degree Triangular Tenderdeck, Brown Only (Landscape Structures® PlayShaper® 117495A)	719.39	30.23
11 68 13 00-0241	EA	Transfer Stations With Two Handbars (Landscape Structures® PlayShaper® 126205A)	1,444.49	181.38
11 68 13 00-0242	EA	Transfer Stations With One Handbar (Landscape Structures® PlayShaper® 126205B)	1,322.11	181.38
11 68 13 00-0243	EA	Transfer Stations No Handbars (Landscape Structures® PlayShaper® 126205C)	1,216.05	181.38
11 68 13 00-0244	EA	Curb For 90 Degree Tri-Deck (Landscape Structures® PlayShaper® 139083A)	172.04	20.15
11 68 13 00-0245	EA	8" Rise, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121948A)	152.46	20.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0246	EA	16" Rise, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121948B)	220.99	20.15
11 68 13 00-0247	EA	8" Rise, 90 Degree Tri-Deck, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121949A)	185.10	20.15
11 68 13 00-0248	EA	16" Rise, 90 Degree Tri-Deck, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121949B)	269.95	20.15
11 68 13 00-0249	EA	To 32" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020A)	2,720.07	241.84
11 68 13 00-0250	EA	To 40" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020B)	3,103.52	241.84
11 68 13 00-0251	EA	To 48" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020C)	3,266.69	241.84
11 68 13 00-0252	EA	56"/SpyroSlide, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399A)	1,634.57	60.46
11 68 13 00-0253	EA	48" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399B)	1,601.93	60.46
11 68 13 00-0254	EA	40" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399C)	1,585.62	60.46
11 68 13 00-0255	EA	32" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399D)	1,561.14	60.46
11 68 13 00-0256	EA	24" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399E)	1,536.67	60.46
11 68 13 00-0257	EA	16" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399F)	1,520.35	60.46
11 68 13 00-0258	EA	8" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399G)	1,504.03	60.46
11 68 13 00-0259	EA	Ground Level, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399H)	1,487.71	60.46
11 68 13 00-0260	EA	82"/48" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398A)	368.57	30.23
11 68 13 00-0261	EA	74"/40" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398B)	352.25	30.23
11 68 13 00-0262	EA	66"/32" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398C)	327.78	30.23
11 68 13 00-0263	EA	58"/24" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398D)	319.62	30.23
11 68 13 00-0264	EA	50"/16" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398E)	311.46	30.23
11 68 13 00-0265	EA	42"/8" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398F)	303.30	30.23
11 68 13 00-0266	EA	128"/SpyroSlide/SlideWinder2 Off 48" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397A)	677.59	181.38
11 68 13 00-0267	EA	114"/48" Deck/SlideWinder2 Off 40" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397B)	644.96	181.38
11 68 13 00-0268	EA	106"/40" Deck/SlideWinder2 Off 32" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397C)	636.80	181.38
11 68 13 00-0269	EA	98"/32" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397D)	376.73	30.23
11 68 13 00-0270	EA	90"/24" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397E)	368.57	30.23
11 68 13 00-0271	EA	82"/16" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397F)	352.25	30.23
11 68 13 00-0272	EA	74"/8" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397G)	327.78	30.23
11 68 13 00-0273	EA	69"/Ground Level, Post For Decks (Landscape Structures® PlayShaper® 111397H)	319.62	30.23
11 68 13 00-0274	EA	145"/SpyroSlide, Post For Roofs (Landscape Structures® PlayShaper® 111396A)	433.84	30.23
11 68 13 00-0275	EA	137"/48" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396B)	425.68	30.23
11 68 13 00-0276	EA	129"/40" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396C)	401.21	30.23
11 68 13 00-0277	EA	121"/32" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396D)	393.05	30.23
11 68 13 00-0278	EA	113"/24" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396E)	384.89	30.23
11 68 13 00-0279	EA	105"/16" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396F)	368.57	30.23
11 68 13 00-0280	EA	97"/8" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396G)	352.25	30.23
11 68 13 00-0281	EA	89"/Ground Level, Post For Roofs (Landscape Structures® PlayShaper® 111396H)	327.78	30.23
11 68 13 00-0282	EA	Learning Wall Arch For 10" Panel Height, With Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208A)	2,486.83	208.52
11 68 13 00-0283	EA	Learning Wall Arch For 1" Panel Height, With Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208B)	2,454.36	205.83
11 68 13 00-0284	EA	Learning Wall Arch For 10" Panel Height Without Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208C)	1,999.27	167.70
11 68 13 00-0285	EA	Learning Wall Arch For 1" Panel Height Without Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208D)	1,966.69	164.91
11 68 13 00-0286	EA	Learning Wall Post For 10" Panel Height (Landscape Structures® PlayShaper® 115201A)	406.34	34.08
11 68 13 00-0287	EA	Learning Wall Post For 1" Panel Height (Landscape Structures® PlayShaper® 115201B)	390.08	32.73
11 68 13 00-0288	EA	Learning Wall Post For Poly Roof With 10" Panel Height (Landscape Structures® PlayShaper® 115203A)	442.10	37.05
11 68 13 00-0289	EA	Learning Wall Post For Poly Roof With 1" Panel Height (Landscape Structures® PlayShaper® 115203B)	422.60	35.42
11 68 13 00-0290	EA	The Peak Natural Climber, 40" Deck (Landscape Structures® PlayShaper® 160423A)	7,985.17	302.30
11 68 13 00-0291	EA	The Stepper Natural Climbing Stone, 24" Deck (Landscape Structures® PlayShaper® 160424A)	4,251.01	181.38

11 68 13 00-0292 Playground Equipment (Landscape Structures® Independent Pieces) *(11 68 13 00-0120)*

11 68 13 00-0293	EA	9-Blocks, Block Climber (Landscape Structures® 117966A)	3,465.37	302.30
11 68 13 00-0294	EA	12-Blocks, Block Climber (Landscape Structures® 117966B)	3,914.08	302.30
11 68 13 00-0295	EA	116-Blocks, Block Climber (Landscape Structures® 117966C)	4,806.22	362.75
11 68 13 00-0296	EA	Spider Web Climber, CableCore Climbing Cable (Direct Bury Only) (Landscape Structures® 136159A)	3,601.19	241.84
11 68 13 00-0297	EA	6-Panels, Cascade Climber (Direct Bury Only) (Landscape Structures® 150976A)	5,814.10	403.06
11 68 13 00-0298	EA	4-Panels, Cascade Climber (Direct Bury Only) (Landscape Structures® 150977A)	4,014.42	181.38
11 68 13 00-0299	EA	Star Seeker Climber, Net Climber (Direct Bury Only) (Landscape Structures® 148041A)	10,737.88	544.14
11 68 13 00-0300	EA	Funnel Climber, Net Climber With 2 Vertical Ladders, (6) Aluminum Posts (Landscape Structures® 144477A)	9,660.53	362.75
11 68 13 00-0301	EA	Funnel Climber, Net Climber Without Vertical Ladders, (4) Aluminum Posts (Landscape Structures® 144477B)	7,112.21	302.30
11 68 13 00-0302	EA	Funnel Climber, Net Climber With 1 Vertical Ladder, (5) Aluminum Posts (Landscape Structures® 144477C)	8,386.37	332.53
11 68 13 00-0303	EA	Funnel Climber, Net Climber With 3 Vertical Ladders, (7) Aluminum Posts (Landscape Structures® 144477D)	10,934.69	392.98
11 68 13 00-0304	EA	Funnel Climber, Net Climber With 4 Vertical Ladders, (8) Aluminum Posts (Landscape Structures® 144477E)	12,208.84	423.21
11 68 13 00-0305	EA	Funnel Climber, Net Climber With 2 Vertical Ladders, (6) Steel Posts (Landscape Structures® 144477F)	9,415.77	362.75
11 68 13 00-0306	EA	Funnel Climber, Net Climber Without Vertical Ladders, (4) Steel Posts (Landscape Structures® 144477G)	6,949.05	302.30
11 68 13 00-0307	EA	Funnel Climber, Net Climber With 1 Vertical Ladder, (5) Steel Posts (Landscape Structures® 144477H)	8,182.41	332.53
11 68 13 00-0308	EA	Funnel Climber, Net Climber With 3 Vertical Ladders, (7) Steel Posts (Landscape Structures® 144477I)	10,649.14	392.98
11 68 13 00-0309	EA	Funnel Climber, Net Climber With 4 Vertical Ladders, (8) Steel Posts (Landscape Structures® 144477J)	11,882.50	423.21
11 68 13 00-0310	EA	8", Pod Climber, One Pod Only (Landscape Structures® 120710A)	393.76	50.39
11 68 13 00-0311	EA	16", Pod Climber, One Pod Only (Landscape Structures® 120711A)	401.92	50.39
11 68 13 00-0312	EA	24", Pod Climber, One Pod Only (Landscape Structures® 120712A)	410.08	50.39
11 68 13 00-0313	EA	30", Pod Climber, One Pod Only (Landscape Structures® 120713A)	418.24	50.39
11 68 13 00-0314	EA	Track Ride Curved (Landscape Structures® 118093A)	3,929.96	120.91
11 68 13 00-0315	EA	18' Curved Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121874A)	5,989.20	362.75
11 68 13 00-0316	EA	18' Curved Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121874B)	5,826.03	362.75
11 68 13 00-0317	EA	10' Straight Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121648A)	5,042.81	362.75
11 68 13 00-0318	EA	10' Straight Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121648B)	4,716.47	362.75
11 68 13 00-0319	EA	18' Straight Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121875A)	5,246.78	362.75
11 68 13 00-0320	EA	18' Straight Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121875B)	5,083.61	362.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0321	EA	Playstructure Seat, TenderTuff-coated Brown (Landscape Structures® 120818A)	500.54	60.46
11 68 13 00-0322	EA	Kids In Motion, Sway Fun Glider, Brown Deck Only (Landscape Structures® 138871A)	17,925.96	725.52
11 68 13 00-0323	EA	CoolToppers Shade System, Full Sail, (Direct Bury Only) (Landscape Structures® 136759A)	15,536.38	1,088.27
11 68 13 00-0324	EA	CoolToppers Shade System, Single Post, (Direct Bury Only) (Landscape Structures® 154397A)	5,233.76	604.59
11 68 13 00-0325	EA	CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155071A)	6,358.76	241.84
11 68 13 00-0326	EA	CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155072A)	10,308.35	604.59
11 68 13 00-0327	EA	Turtle Sand Table, (2-Color Permalene), (Direct Bury Only) (Landscape Structures® 116568A)	656.25	80.62
11 68 13 00-0328	EA	Straight Crawl Tunnel (Landscape Structures® 100005A)	2,105.33	181.38
11 68 13 00-0329	EA	Curved Crawl Tunnel (Landscape Structures® 100005D)	2,668.26	181.38
11 68 13 00-0330	EA	4' Square, SanDirect Buryoxe (Landscape Structures® 120458A)	579.69	181.38
11 68 13 00-0331	EA	SanDirect Buryoxe, Play Table Only (Landscape Structures® 120894A)	808.13	181.38
11 68 13 00-0332	EA	8' Square, SanDirect Buryoxe Without Play Table (Landscape Structures® 120458B)	1,167.53	362.75
11 68 13 00-0333	EA	8' Square, SanDirect Buryoxe With Play Table, (Direct Bury Only) (Landscape Structures® 120458C)	1,665.19	362.75
11 68 13 00-0334	EA	8' L-Shaped, SanDirect Buryoxe Without Play Table (Landscape Structures® 120458D)	1,167.53	362.75
11 68 13 00-0335	EA	8' L-Shaped, SanDirect Buryoxe With Play Table, (Direct Bury Only) (Landscape Structures® 120458E)	1,665.19	362.75
11 68 13 00-0336	EA	Splash Circuit Sand And Water Station, Direct Bury (Landscape Structures® 126202A)	5,162.76	483.68
11 68 13 00-0337	EA	Splash Circuit Sand And Water Station, Surface Mount (Landscape Structures® 126202B)	5,002.02	362.75
11 68 13 00-0338	EA	Talk Tubes, Complete With (2) 2-3/8" Square Aluminum Posts, Ground Level, (Direct Bury Only) (Landscape Structures® 113931A)	2,303.99	241.84
11 68 13 00-0339	EA	Clear Paint Panel, Surface Mount (Landscape Structures® 112621A)	924.78	60.46
11 68 13 00-0340	EA	Clear Paint Panel, Direct Bury (Landscape Structures® 112621B)	811.99	90.69
11 68 13 00-0341	EA	Dino Climber, Direct Bury (Landscape Structures® 100122A)	13,321.26	483.68
11 68 13 00-0342	EA	Dino Climber, Surface Mount (Landscape Structures® 100122B)	13,865.02	423.21
11 68 13 00-0343	EA	Sand Table, (3) Steel Posts, Direct Bury (Landscape Structures® 136233B)	3,729.30	362.75
11 68 13 00-0344	EA	Sand Table, (3) Aluminum Posts, Direct Bury (Landscape Structures® 136233A)	3,819.04	362.75
11 68 13 00-0345	EA	Wiggle Worm Crawl Tunnel With 2-Color Permalene Head (Landscape Structures® 120418A)	4,485.18	302.30
11 68 13 00-0346	EA	Wiggle Worm Crawl Tunnel Without 2-Color Permalene Head (Landscape Structures® 120418B)	3,152.47	241.84
11 68 13 00-0347	EA	Kids In Motion, Saddle Spinner (Landscape Structures® 152179A)	1,349.02	60.46
11 68 13 00-0348	EA	Kids In Motion, Log Roll With Aluminum Posts (Landscape Structures® 100027A)	1,996.40	120.91
11 68 13 00-0349	EA	Kids In Motion, Log Roll, Tan Log Only, (2) Steel Posts (Landscape Structures® 100027B)	1,914.81	120.91
11 68 13 00-0350	EA	Kids In Motion, Spring Pod Bouncer, Sold Individually Per Pod (Landscape Structures® 120876A)	532.46	50.39
11 68 13 00-0351	EA	Kids In Motion, SpringRing Bouncer, (Brown Ring Only, Avail. for Direct Bury Only) (Landscape Structures® 117961A)	7,128.96	483.68
11 68 13 00-0352	EA	Kids In Motion, Spring Platform With Handhold, Brown Platform, Tan Handhold* (Landscape Structures® 125059A)	2,546.31	362.75
11 68 13 00-0353	EA	Kids In Motion, Spring Platform Without Handhold, Brown Platform* (Landscape Structures® 125059B)	2,383.14	362.75
11 68 13 00-0354	EA	Kids In Motion, Spring Platform With Post, Brown Platform, Tan Post* (Landscape Structures® 125059C)	2,986.87	362.75
11 68 13 00-0355	EA	Kids In Motion, Stand-Up Spinner, (Direct Bury Only) (Landscape Structures® 155077A)	1,977.23	60.46
11 68 13 00-0356	EA	Orbiter Spinner, Steel Post, (Avail. for Direct Bury Only (Landscape Structures® 153589A)	2,766.17	181.38
11 68 13 00-0357	EA	Orbiter2 Spinner, Steel Post, (Avail. for Direct Bury Only (Landscape Structures® 154358A)	4,979.98	241.84
11 68 13 00-0358	EA	Orbiter3 Spinner, Steel Post, (Direct Bury Only) (Landscape Structures® 154359A)	7,185.64	302.30
11 68 13 00-0359	EA	Stand-Up Seesaw, Direct Bury (Landscape Structures® 148638A)	2,910.15	120.91
11 68 13 00-0360	EA	Stand-Up Seesaw, Surface Mount (Landscape Structures® 148638B)	2,510.39	120.91
11 68 13 00-0361	EA	2-Seat Seesaw, Direct Bury, Without Color Options On Permalene (Landscape Structures® 148636A)	3,220.17	120.91
11 68 13 00-0362	EA	2-Seat Seesaw, Surface Mount, Without Color Options On Permalene (Landscape Structures® 148636B)	2,779.62	120.91
11 68 13 00-0363	EA	4-Seat Seesaw, Direct Bury, Without Color Options On Permalene (Landscape Structures® 148637A)	3,889.17	120.91
11 68 13 00-0364	EA	4-Seat Seesaw, Surface Mount, Without Color Options On Permalene (Landscape Structures® 148637B)	3,464.93	120.91
11 68 13 00-0365	EA	Seesaw Back Support, With Seat Strap* (Landscape Structures® 148706A)	367.85	20.15
11 68 13 00-0366	EA	Seesaw Back Support, without Seat Strap (Landscape Structures® 148706B)	302.58	20.15
11 68 13 00-0367	EA	Stationary Cycler, SuperScoop, (Direct Bury Only) (Landscape Structures® 123831A)	1,385.95	151.15
11 68 13 00-0368	EA	Stationary Cycler, SuperScoop, Wheelchair-Accessible, Surface Mount (Landscape Structures® 123832A)	1,236.23	90.69
11 68 13 00-0369	EA	Stationary Cycler, SuperScoop, Wheelchair-Accessible, Direct Bury (Landscape Structures® 123832B)	1,288.05	151.15
11 68 13 00-0370	EA	Motorcycle TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100013B)	1,893.21	181.38
11 68 13 00-0371	EA	Motorcycle Back Supports With Seat Strap (Landscape Structures® 123711A)	294.42	20.15
11 68 13 00-0372	EA	Motorcycle Back Supports Without Seat Strap (Landscape Structures® 123711B)	245.47	20.15
11 68 13 00-0373	EA	Turtle TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100014B)	1,598.07	151.15
11 68 13 00-0374	EA	Bird TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100015B)	1,623.98	181.38
11 68 13 00-0375	EA	Horse TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100015B)	1,607.66	181.38
11 68 13 00-0376	EA	Car TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100017B)	1,893.21	181.38
11 68 13 00-0377	EA	RhinoDino TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100123B)	1,581.76	151.15
11 68 13 00-0378	EA	T-Rex TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100124B)	1,607.66	181.38
11 68 13 00-0379	EA	2-Seat Airplane Rider TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 120871A)	2,384.15	211.61
11 68 13 00-0380	EA	2-Seat Airplane Rider TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 120871B)	2,496.94	181.38
11 68 13 00-0381	EA	2-Seat Fire Engine Rider TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 126378A)	2,163.87	211.61
11 68 13 00-0382	EA	2-Seat Fire Engine Rider TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 126378B)	2,268.50	181.38
11 68 13 00-0383	EA	Motorcycle TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100013A)	1,630.71	151.15
11 68 13 00-0384	EA	Turtle TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100014A)	1,327.40	120.91
11 68 13 00-0385	EA	Bird TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100015A)	1,353.32	151.15
11 68 13 00-0386	EA	Horse TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100016A)	1,337.00	151.15
11 68 13 00-0387	EA	Car TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100017A)	1,630.71	151.15
11 68 13 00-0388	EA	RhinoDino TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100123A)	1,319.24	120.91
11 68 13 00-0389	EA	T-Rex TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100124A)	1,337.00	151.15
11 68 13 00-0390	EA	Zebra Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135534B)	1,671.50	151.15
11 68 13 00-0391	EA	Sea Horse Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135535B)	1,785.72	151.15
11 68 13 00-0392	EA	Dolphin Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135536B)	1,704.13	151.15
11 68 13 00-0393	EA	Zebra Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135534A)	1,417.15	120.91
11 68 13 00-0394	EA	Sea Horse Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135535A)	1,523.21	120.91
11 68 13 00-0395	EA	Dolphin Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135536A)	1,449.78	120.91
11 68 13 00-0396	EA	SpyroSlide, Poly, 72" Deck (Landscape Structures® 115366A)	10,403.82	725.52
11 68 13 00-0397	EA	40" Poly Slide, 40" Deck (Landscape Structures® 100046A)	5,553.94	302.30
11 68 13 00-0398	EA	Wave Poly Slide, 72" Deck (Landscape Structures® 100046C)	6,712.45	302.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0399	EA	Fire Engine, Colors As Shown Only, (Direct Bury Only) (Landscape Structures® 148640A)	20,388.25	1,209.19
11 68 13 00-0400	EA	Double Humpty Climber (Direct Bury Only) (Landscape Structures® 100037A)	3,503.29	241.84
11 68 13 00-0401	EA	Single Humpty Climber (Direct Bury Only) (Landscape Structures® 100037B)	1,925.84	181.38
11 68 13 00-0402	EA	12-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150638A)	38,428.44	1,934.70
11 68 13 00-0403	EA	7-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150637A)	21,199.24	1,451.03
11 68 13 00-0404	EA	6-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150636A)	19,233.04	1,451.03
11 68 13 00-0405	EA	3-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150635A)	9,168.58	483.68
11 68 13 00-0406	EA	4', Rainbow Climber (Direct Bury Only) (Landscape Structures® 100038A)	1,325.97	90.69
11 68 13 00-0407	EA	6', Rainbow Climber (Direct Bury Only) (Landscape Structures® 100038B)	1,480.99	90.69
11 68 13 00-0408	EA	Sky Rail Climber, Independent Climber (Direct Bury Only) (Landscape Structures® 146813A)	4,716.47	362.75
11 68 13 00-0409	EA	4'-High, Vertical Pipe Climber (Direct Bury Only) (Landscape Structures® 100040A)	999.63	90.69
11 68 13 00-0410	EA	6'-High, Vertical Pipe Climber (Direct Bury Only) (Landscape Structures® 100040B)	1,081.22	90.69
11 68 13 00-0411	EA	Arch Belt Swing, 2-Place, TenderTuff-coated Chain (Landscape Structures® 100050A)	4,557.40	483.68
11 68 13 00-0412	EA	Arch Belt Swing, 2-Place, Uncoated Chain (Landscape Structures® 100050C)	4,420.34	483.68
11 68 13 00-0413	EA	Arch Swing, Additional 2 PL Bay, TenderTuff-coated Chain (Landscape Structures® 111579A)	2,865.30	241.84
11 68 13 00-0414	EA	Arch Swing, Additional 2 PL Bay, Uncoated Chain (Landscape Structures® 111579C)	2,728.23	241.84
11 68 13 00-0415	EA	Single Post Swing, 2-Place, Uncoated Chain (Landscape Structures® 122837A)	2,358.67	362.75
11 68 13 00-0416	EA	Single Post Swing, 2-Place, TenderTuff-coated Chain (Landscape Structures® 122837B)	2,495.73	362.75
11 68 13 00-0417	EA	Single Post Swing, Additional 2 PL Bay, Uncoated Chain (Landscape Structures® 122838A)	1,689.24	181.38
11 68 13 00-0418	EA	Single Post Swing, Additional 2 PL Bay, TenderTuff-coated Chain (Landscape Structures® 122838B)	1,826.31	181.38
11 68 13 00-0419	EA	Single Post Swing, 2-Place, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 140769A)	2,709.48	362.75
11 68 13 00-0420	EA	Single Post Swing, 2-Place, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 140769B)	2,846.55	362.75
11 68 13 00-0421	EA	Single Post Swing, Additional 2 PL Bay, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 140770A)	2,040.06	181.38
11 68 13 00-0422	EA	Single Post Swing, Additional 2 PL Bay, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 140770B)	2,177.12	181.38
11 68 13 00-0423	EA	Toddler Swing Add-On, With (1) Full-Bucket Seat, Without Post (Landscape Structures® 151852A)	1,022.68	60.46
11 68 13 00-0424	EA	Arch Tire Swing, TenderTuff-coated Chain (Landscape Structures® 120891A)	5,219.87	483.68
11 68 13 00-0425	EA	Additional Bay, Arch Tire Swing, TenderTuff-coated Chain (Landscape Structures® 139188A)	3,650.14	241.84
11 68 13 00-0426	EA	4-Post Tire Swing, TenderTuff-coated Chain, (4) Posts With Crossovers, Steel Beam And Posts (Landscape Structures® 120892B)	4,746.68	483.68
11 68 13 00-0427	EA	Additional Bay, 4-Post Tire Swing, TenderTuff-coated Chain, (2) Posts With Crossover, Steel Beam And Posts (Landscape Structures® 141458B)	3,062.73	241.84
11 68 13 00-0428	EA	Toddler Swing, With (2) Full-Bucket Seats (Landscape Structures® 117962B)	2,361.10	241.84
11 68 13 00-0429	EA	Curved Balance Beam (Landscape Structures® 100041A)	998.91	80.62
11 68 13 00-0430	EA	Drop Shot, (Direct Bury Only) (Landscape Structures® 100042A)	1,769.40	151.15
11 68 13 00-0431	EA	Basketball Outfit, 6' Offset, Fan Permalene Backboard, Chain Net (Landscape Structures® 116947A)	3,764.36	241.84
11 68 13 00-0432	EA	Basketball Outfit, 6' Offset, Rectangular Permalene Backboard, Chain Net (Landscape Structures® 116947B)	4,204.92	241.84
11 68 13 00-0433	EA	Basketball Outfit, 6' Offset, Fan Permalene Backboard, Nylon Net (Landscape Structures® 116947C)	3,756.20	241.84
11 68 13 00-0434	EA	Basketball Outfit, 6' Offset, Rectangular Permalene Backboard, Nylon Net (Landscape Structures® 116947D)	4,196.76	241.84
11 68 13 00-0435	EA	FitCore Outdoor Fitness Equipment With Aluminum Posts, (Direct Bury Only) (Landscape Structures® 123722A)	18,671.85	2,176.54
11 68 13 00-0436	EA	FitCore Outdoor Fitness Equipment With Steel Posts, (Direct Bury Only) (Landscape Structures® 123722B)	18,133.39	2,176.54
11 68 13 00-0437	EA	Fitness Cluster With Steel Posts (Landscape Structures® 120874B)	11,727.22	1,451.03
11 68 13 00-0438	EA	Fitness Cluster With Aluminum Posts (Landscape Structures® 120874A)	11,955.66	1,451.03
11 68 13 00-0439	EA	Aluminum Posts, Climbing Wall (Landscape Structures® 153354A)	2,638.49	241.84
11 68 13 00-0440	EA	Steel Posts, Climbing Wall (Landscape Structures® 153354B)	2,556.90	241.84
11 68 13 00-0441	EA	30" Galvanized Stake, TuffTimber Edgers (Landscape Structures® 100626A)	23.95	10.08
11 68 13 00-0442	EA	TuffTimber, 4' Length, TuffTimber Edgers, Black Only (Landscape Structures® 119214A)	75.63	10.08
11 68 13 00-0443	EA	TuffTimbers Access Wedge, TuffTimber Edgers, Black Only (Landscape Structures® 130799A)	947.10	20.15
11 68 13 00-0444	EA	Age Appropriate Fitness Sign, Ages 12 And Over (Landscape Structures® 114483A)	523.58	30.23
11 68 13 00-0445	EA	Age Appropriate Fitness Sign, Ages 5 to 12 (Landscape Structures® 114484A)	523.58	30.23
11 68 13 00-0446	EA	Accessible Playground Sign, With 2-3/8" Post (Landscape Structures® 100103A)	490.95	30.23
11 68 13 00-0447	EA	Age Appropriate Sign, With PlayShaper Posts, Optional Name* (Landscape Structures® 100104A)	1,004.93	30.23
11 68 13 00-0448	EA	Age Appropriate Sign, With PlayShaper Posts, 2 - 5 Years* (Landscape Structures® 100105A)	849.92	30.23
11 68 13 00-0449	EA	Age Appropriate Sign, With PlayShaper Posts, 5 - 12 Years* (Landscape Structures® 100106A)	849.92	30.23
11 68 13 00-0450	EA	Flat Molded Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 100052A)	286.26	20.15
11 68 13 00-0451	EA	Molded Bucket Seat (Specify Color), Swing Accessories (Excludes Chain) (Landscape Structures® 100054A)	712.66	60.46
11 68 13 00-0452	EA	Full-Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 100055A)	368.57	30.23
11 68 13 00-0453	EA	Half-Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 112228A)	352.25	30.23
11 68 13 00-0454	EA	Slash-Proof Belt Seat, Swing Accessories (Landscape Structures® 132385A)	114.93	20.15
11 68 13 00-0455	EA	Seat Strap for Molded Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 111416A)	108.41	20.15
11 68 13 00-0456	LF	TuffTurf Geotextile Fabric, (12 1/2' Wide Roll), Order an Additional 20% for Overlap/Waste, per LF (Landscape Structures® 109694A)	9.53	3.02
11 68 13 00-0457	EA	TuffTurf Adhesive 10.6 oz. Tube, (Approximate Coverage: 3 Tiles per Tube) (Landscape Structures® 114513A)	11.83	
11 68 13 00-0458	EA	Rider, Direct Bury Leg, Concrete, (Direct Bury Only) (Landscape Structures® 115381A)	270.67	30.23
11 68 13 00-0459	EA	Mesh SanDirect Buryox Cover, 4' Square (Landscape Structures® 120530A)	90.46	15.12
11 68 13 00-0460	EA	Mesh SanDirect Buryox Cover, 8' Square (Landscape Structures® 120530B)	311.46	30.23
11 68 13 00-0461	EA	Mesh SanDirect Buryox Cover, 8' L-Shaped (Landscape Structures® 120530C)	262.51	30.23
11 68 13 00-0462	EA	4-Post Tire Swing, TenderTuff-coated Chain, (4) Posts With Crossovers, Steel Beam And Aluminum Posts (Landscape Structures® 120892A)	4,506.79	241.84
11 68 13 00-0463	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", Square (Landscape Structures® 122868A)	163.88	15.12
11 68 13 00-0464	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 1-Bevel (Landscape Structures® 122868B)	163.88	15.12
11 68 13 00-0465	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 2-Bevel (Landscape Structures® 122868C)	163.88	15.12
11 68 13 00-0466	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 3-Bevel (Landscape Structures® 122868D)	163.88	15.12
11 68 13 00-0467	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 4-Bevel (Landscape Structures® 122868E)	163.88	15.12
11 68 13 00-0468	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", Corner Bevel (Landscape Structures® 122868F)	163.88	15.12
11 68 13 00-0469	EA	Rider, 4-Bevel TuffTurf Tile, With Hole, For TuffRiders And Whimsy Riders * (Landscape Structures® 122869A)	172.04	15.12
11 68 13 00-0470	EA	1-Place, Surge Swing, Uncoated Chain (Landscape Structures® 127680A)	2,330.90	120.91
11 68 13 00-0471	EA	1-Place, Surge Swing, TenderTuff-coated Chain (Landscape Structures® 127680B)	2,399.43	120.91
11 68 13 00-0472	EA	TuffTurf Adhesive 1 Gallon (Approximate Coverage: 15 Tiles per Gallon) (Landscape Structures® 128036A)	81.58	
11 68 13 00-0473	EA	1-Place, Surge Swing, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 139910A)	2,502.23	120.91
11 68 13 00-0474	EA	1-Place, Surge Swing, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 139910B)	2,570.76	120.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0475	EA	Additional Bay, 4-Post Tire Swing, TenderTuff-coated Chain, (2) Posts With Crossover, Steel Beam And Aluminum Posts (Landscape Structures® 141458A)	3,043.56	181.38
11 68 13 00-0476	EA	The Pinnacle Natural Climber (Landscape Structures® 156065A)	24,615.93	725.52
11 68 13 00-0477	EA	The Pointe Natural Climber (Landscape Structures® 156067A)	13,916.83	483.68
11 68 13 00-0478	EA	Hemisphere Climber With Single Arch, Independent Climber (Landscape Structures® 156435A)	13,916.83	483.68
11 68 13 00-0479	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157107A)	1,906.66	120.91
11 68 13 00-0480	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157107B)	2,043.72	120.91
11 68 13 00-0481	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157107C)	2,118.78	120.91
11 68 13 00-0482	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157107D)	2,255.84	120.91
11 68 13 00-0483	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157108A)	1,096.11	60.46
11 68 13 00-0484	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157108B)	1,233.17	60.46
11 68 13 00-0485	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157108C)	1,169.53	60.46
11 68 13 00-0486	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157108D)	1,306.60	60.46
11 68 13 00-0487	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157109A)	1,988.24	120.91
11 68 13 00-0488	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157109B)	2,197.10	120.91
11 68 13 00-0489	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157109C)	2,200.36	120.91
11 68 13 00-0490	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157109D)	2,409.22	120.91
11 68 13 00-0491	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157110A)	1,161.37	60.46
11 68 13 00-0492	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157110B)	1,470.99	120.91
11 68 13 00-0493	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157110C)	1,234.80	60.46
11 68 13 00-0494	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157110D)	1,544.42	120.91
11 68 13 00-0495	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157111A)	2,069.83	120.91
11 68 13 00-0496	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157111B)	2,206.89	120.91
11 68 13 00-0497	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157111C)	2,281.95	120.91
11 68 13 00-0498	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157111D)	2,419.01	120.91
11 68 13 00-0499	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157112A)	1,251.12	60.46
11 68 13 00-0500	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157112B)	1,488.94	120.91
11 68 13 00-0501	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157112C)	1,324.55	60.46
11 68 13 00-0502	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157112D)	1,562.37	120.91
11 68 13 00-0503	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157113A)	2,151.41	120.91
11 68 13 00-0504	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157113B)	2,360.27	120.91
11 68 13 00-0505	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157113C)	2,363.53	120.91
11 68 13 00-0506	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157113D)	2,572.39	120.91
11 68 13 00-0507	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157114A)	1,324.55	60.46
11 68 13 00-0508	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157114B)	1,634.16	120.91
11 68 13 00-0509	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157114C)	1,498.73	120.91
11 68 13 00-0510	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157114D)	1,707.59	120.91
11 68 13 00-0511	EA	Motorcycle TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157286A)	1,906.66	120.91
11 68 13 00-0512	EA	Motorcycle TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157286B)	2,118.78	120.91
11 68 13 00-0513	EA	T-Rex TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157287A)	1,612.95	120.91
11 68 13 00-0514	EA	T-Rex TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157287B)	1,833.23	120.91
11 68 13 00-0515	EA	Bird TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157288A)	1,629.27	120.91
11 68 13 00-0516	EA	Bird TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157288B)	1,849.55	120.91
11 68 13 00-0517	EA	Horse TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157289A)	1,612.95	120.91
11 68 13 00-0518	EA	Horse TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157289B)	1,833.23	120.91
11 68 13 00-0519	EA	Car TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157290A)	1,906.66	120.91
11 68 13 00-0520	EA	Car TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157290B)	2,118.78	120.91
11 68 13 00-0521	EA	Zebra Whimsy Riders, With Torsion Spring, Surface Mount (Landscape Structures® 157291A)	1,751.65	120.91
11 68 13 00-0522	EA	Zebra Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157291B)	1,947.45	120.91
11 68 13 00-0523	EA	Sea Horse Whimsy Riders, With Torsion Spring, Surface Mount (Landscape Structures® 157292A)	1,849.55	120.91
11 68 13 00-0524	EA	Sea Horse Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157292B)	2,061.67	120.91
11 68 13 00-0525	EA	Dolphin Whimsy Riders, With Torsion Spring, SM (Landscape Structures® 157293A)	1,776.12	120.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0526	EA	Dolphin Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157293B)	1,980.08	120.91
11 68 13 00-0527	EA	Kids In Motion, Wobble Pod Bouncer, (Direct Bury Only) (Landscape Structures® 158105A)	1,841.39	120.91
11 68 13 00-0528	EA	Chatter Noodle Kit, (2) Noodle Posts And Tubing, (Direct Bury Only) (Landscape Structures® 158106A)	2,543.02	120.91
11 68 13 00-0529	EA	8" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108A)	1,251.12	60.46
11 68 13 00-0530	EA	16" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108B)	1,259.28	60.46
11 68 13 00-0531	EA	24" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108C)	1,267.44	60.46
11 68 13 00-0532	EA	Single, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426A)	2,281.95	120.91
11 68 13 00-0533	EA	Double, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426B)	3,924.67	181.38
11 68 13 00-0534	EA	Triple, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426C)	5,926.36	241.84
11 68 13 00-0535	EA	Quadruple, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426D)	7,389.60	302.30
11 68 13 00-0536	EA	10", Pod Climber, One Pod Only (Landscape Structures® 158997A)	368.57	30.23
11 68 13 00-0537	EA	20", Pod Climber, One Pod Only (Landscape Structures® 158998A)	384.89	30.23
11 68 13 00-0538	EA	CoolToppers Shade System, Super Pyramid, 30' x 30', 13'-9" Entrance Height, (Direct Bury Only) (Landscape Structures® 159873A)	12,937.81	483.68
11 68 13 00-0539	EA	CoolToppers Shade System, Pyramid, 18' x 18', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881A)	6,840.12	241.84
11 68 13 00-0540	EA	CoolToppers Shade System, Pyramid, 18' x 18', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881B)	7,063.26	302.30
11 68 13 00-0541	EA	CoolToppers Shade System, Pyramid, 18' x 18', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881C)	7,177.48	302.30
11 68 13 00-0542	EA	CoolToppers Shade System, Pyramid, 24' x 24', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882A)	8,727.60	302.30
11 68 13 00-0543	EA	CoolToppers Shade System, Pyramid, 24' x 24', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882B)	8,841.82	302.30
11 68 13 00-0544	EA	CoolToppers Shade System, Pyramid, 24' x 24', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882C)	8,972.35	302.30
11 68 13 00-0545	EA	CoolToppers Shade System, Pyramid, 28' x 28', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883A)	11,088.26	362.75
11 68 13 00-0546	EA	CoolToppers Shade System, Pyramid, 28' x 28', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883B)	11,218.80	362.75
11 68 13 00-0547	EA	CoolToppers Shade System, Pyramid, 28' x 28', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883C)	11,341.18	362.75
11 68 13 00-0548	EA	Stationary Cycler, Pedals Only, With Grab Bar, With Aluminum Posts (Landscape Structures® 160055A)	2,086.14	120.91
11 68 13 00-0549	EA	Stationary Cycler, Handles Only, With Aluminum Posts (Landscape Structures® 160055B)	1,800.60	120.91
11 68 13 00-0550	EA	Stationary Cycler, Pedals And Handles, With Aluminum Posts (Landscape Structures® 160055C)	2,600.13	120.91
11 68 13 00-0551	EA	Stationary Cycler, Handles Only, Accessible, With Aluminum Posts (Landscape Structures® 160055D)	1,800.60	120.91
11 68 13 00-0552	EA	Stationary Cycler, Pedals Only, With Grab Bar, With Steel Posts (Landscape Structures® 160055E)	2,037.19	120.91
11 68 13 00-0553	EA	Stationary Cycler, Handles Only, With Steel Posts (Landscape Structures® 160055F)	1,751.65	120.91
11 68 13 00-0554	EA	Stationary Cycler, Pedals And Handles, With Steel Posts (Landscape Structures® 160055G)	2,551.18	120.91
11 68 13 00-0555	EA	Stationary Cycler, Handles Only, Accessible, With Steel Posts (Landscape Structures® 160055H)	1,751.65	120.91
11 68 13 00-0556	EA	Single, Gyro Twister Spinner, Aluminum Posts (Landscape Structures® 160315A)	3,051.71	181.38
11 68 13 00-0557	EA	Single, Gyro Twister Spinner, Steel Posts (Landscape Structures® 160315B)	3,002.76	181.38
11 68 13 00-0558	EA	Double, Gyro Twister Spinner, Aluminum Posts (Landscape Structures® 160316A)	5,232.89	241.84
11 68 13 00-0559	EA	Double, Gyro Twister Spinner, Steel Posts (Landscape Structures® 160316B)	5,183.94	241.84
11 68 13 00-0560	EA	The Peak Natural Climber (Landscape Structures® 160418A)	7,569.09	302.30
11 68 13 00-0561	EA	The Stepper Natural Climbing Stone (Landscape Structures® 160419A)	3,834.93	181.38
11 68 13 00-0562	EA	Double Escalator Climber, Independent Climber, Steel Posts, (Direct Bury Only) (Landscape Structures® 160692A)	9,380.28	302.30
11 68 13 00-0563	EA	HealthBeat Outdoor Fitness System, Chest/Back Press, Direct Bury (Landscape Structures® 161309A)	6,921.70	241.84
11 68 13 00-0564	EA	HealthBeat Outdoor Fitness System, Chest/Back Press, Surface Mount (Landscape Structures® 161309B)	6,562.73	241.84
11 68 13 00-0565	EA	HealthBeat Outdoor Fitness System, Squat Press, Direct Bury (Landscape Structures® 161310A)	6,921.70	241.84
11 68 13 00-0566	EA	HealthBeat Outdoor Fitness System, Squat Press, Surface Mount (Landscape Structures® 161310B)	6,562.73	241.84
11 68 13 00-0567	EA	HealthBeat Outdoor Fitness System, Tai Chi Wheels, Direct Bury (Landscape Structures® 161311A)	3,745.19	181.38
11 68 13 00-0568	EA	HealthBeat Outdoor Fitness System, Tai Chi Wheels, Surface Mount (Landscape Structures® 161311B)	3,378.05	181.38
11 68 13 00-0569	EA	HealthBeat Outdoor Fitness System, Cardio Stepper, Direct Bury (Landscape Structures® 161312A)	8,654.17	302.30
11 68 13 00-0570	EA	HealthBeat Outdoor Fitness System, Cardio Stepper, Surface Mount (Landscape Structures® 161312B)	8,295.20	302.30
11 68 13 00-0571	EA	HealthBeat Outdoor Fitness System, Pull-Up/Dip, Direct Bury (Landscape Structures® 161313A)	3,378.05	181.38
11 68 13 00-0572	EA	HealthBeat Outdoor Fitness System, Pull-Up/Dip, Surface Mount (Landscape Structures® 161313B)	3,019.08	181.38
11 68 13 00-0573	EA	HealthBeat Outdoor Fitness System, Ab Crunch/Leg Lift, Direct Bury (Landscape Structures®161314A)	3,288.31	181.38
11 68 13 00-0574	EA	HealthBeat Outdoor Fitness System, Ab Crunch/Leg Lift, Surface Mount (Landscape Structures® 161314B)	3,019.08	181.38
11 68 13 00-0575	EA	HealthBeat Outdoor Fitness System, Balance Steps, Direct Bury (Landscape Structures® 161315A)	3,924.67	181.38
11 68 13 00-0576	EA	HealthBeat Outdoor Fitness System, Balance Steps, Surface Mount (Landscape Structures® 161315B)	4,104.16	181.38
11 68 13 00-0577	EA	HealthBeat Outdoor Fitness System, Assisted RoWith Push-Up, Direct Bury (Landscape Structures® 161316A)	3,108.82	181.38
11 68 13 00-0578	EA	HealthBeat Outdoor Fitness System, Assisted RoWith Push-Up, Surface Mount (Landscape Structures® 161316B)	3,019.08	181.38
11 68 13 00-0579	EA	HealthBeat Outdoor Fitness System, Plyometrics, Direct Bury (Landscape Structures® 161317A)	3,924.67	181.38
11 68 13 00-0580	EA	HealthBeat Outdoor Fitness System, Plyometrics, Surface Mount (Landscape Structures® 161317B)	4,104.16	181.38
11 68 13 00-0581	EA	HealthBeat Outdoor Fitness System, Welcome Intro Sign, Direct Bury (Landscape Structures® 161437A)	1,466.10	120.91
11 68 13 00-0582	EA	HealthBeat Outdoor Fitness System, Welcome Intro Sign, Surface Mount (Landscape Structures® 161437B)	1,006.36	60.46
11 68 13 00-0583	EA	Global Releaf Sign With Frame (Landscape Structures® 162617A)	900.30	60.46
11 68 13 00-0584	EA	Single, Bobble Riders With Coil Spring, Surface Mount (Landscape Structures® 164074A)	1,161.37	60.46
11 68 13 00-0585	EA	Single, Bobble Riders With Coil Spring, Direct Bury (Landscape Structures® 164074B)	1,482.41	120.91
11 68 13 00-0586	EA	Double, Bobble Riders With Coil Spring, Surface Mount (Landscape Structures® 164075A)	2,241.15	120.91
11 68 13 00-0587	EA	Double, Bobble Riders With Coil Spring, Direct Bury (Landscape Structures® 164075B)	2,404.33	120.91
11 68 13 00-0588	EA	16" Pod, Noodle Pod Steps With Two E-Pod Steps, (Direct Bury Only) (Landscape Structures® 164157A)	1,719.01	120.91
11 68 13 00-0589	EA	24" Pod, Noodle Pod Steps With Two E-Pod Steps, (Direct Bury Only) (Landscape Structures® 164157B)	1,735.33	120.91
11 68 13 00-0590		Playground Equipment (Landscape Structures® PlayBooster®) *(11 68 13 00-0120)*		
11 68 13 00-0591	EA	116" Aluminum Posts, End Vertical Ladder (Landscape Structures® PlayBooster® 111273A)	1,604.79	120.91
11 68 13 00-0592	EA	Log Roll, (1) Aluminum Post, Tan Log Only (Landscape Structures® PlayBooster® 111356A)	1,719.01	120.91
11 68 13 00-0593	EA	Chinning Bar, (1) Aluminum Post (Landscape Structures® PlayBooster® 111357A)	688.18	60.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0594	EA	Turning Bar, (1) Aluminum Post (Landscape Structures® PlayBooster® 111357B)	655.55	60.46
11 68 13 00-0595	EA	182"/72" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403A)	523.58	30.23
11 68 13 00-0596	EA	174"/64" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403B)	515.42	30.23
11 68 13 00-0597	EA	166"/56" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403C)	490.95	30.23
11 68 13 00-0598	EA	158"/48" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403D)	482.79	30.23
11 68 13 00-0599	EA	150"/40" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403E)	458.31	30.23
11 68 13 00-0600	EA	142"/32" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403F)	450.16	30.23
11 68 13 00-0601	EA	134"/24" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403G)	433.84	30.23
11 68 13 00-0602	EA	126"/16" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403H)	425.68	30.23
11 68 13 00-0603	EA	118"/8" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403I)	401.21	30.23
11 68 13 00-0604	EA	110"/Ground Level, Posts For Roofs (Landscape Structures® PlayBooster® 111403J)	393.05	30.23
11 68 13 00-0605	EA	148"/72" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404A)	458.31	30.23
11 68 13 00-0606	EA	140"/64" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404B)	442.00	30.23
11 68 13 00-0607	EA	132"/56" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404C)	433.84	30.23
11 68 13 00-0608	EA	124"/48" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404D)	425.68	30.23
11 68 13 00-0609	EA	116"/40" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404E)	401.21	30.23
11 68 13 00-0610	EA	108"/32" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404F)	393.05	30.23
11 68 13 00-0611	EA	100"/24" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404G)	384.89	30.23
11 68 13 00-0612	EA	92"/16" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404H)	368.57	30.23
11 68 13 00-0613	EA	84"/8" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404I)	352.25	30.23
11 68 13 00-0614	EA	76"/Ground Level, Posts For Decks (Landscape Structures® PlayBooster® 111404J)	327.78	30.23
11 68 13 00-0615	EA	106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405A)	647.39	60.46
11 68 13 00-0616	EA	98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405B)	622.91	60.46
11 68 13 00-0617	EA	90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405C)	598.44	60.46
11 68 13 00-0618	EA	82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405D)	531.74	30.23
11 68 13 00-0619	EA	74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405E)	523.58	30.23
11 68 13 00-0620	EA	66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405F)	507.27	30.23
11 68 13 00-0621	EA	58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405G)	482.79	30.23
11 68 13 00-0622	EA	50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405H)	474.63	30.23
11 68 13 00-0623	EA	42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405I)	458.31	30.23
11 68 13 00-0624	EA	ClouDirect Buryurst Triple Poly Slide, 64" - 72" Deck (Landscape Structures® PlayBooster® 144414A)	5,157.32	201.53
11 68 13 00-0625	EA	TurboTwister Tunnel Slide, 96" Deck, Excludes Posts (Landscape Structures® PlayBooster® 123763A)	6,674.95	544.14
11 68 13 00-0626	EA	Double Poly Slide, 32" Deck (Landscape Structures® PlayBooster® 123331A)	2,209.96	151.15
11 68 13 00-0627	EA	Double Poly Slide, 40" - 48" Deck (Landscape Structures® PlayBooster® 123331B)	2,446.56	151.15
11 68 13 00-0628	EA	Double Swoosh Poly Slide, 64" - 72" Deck (Landscape Structures® PlayBooster® 130390A)	2,839.59	181.38
11 68 13 00-0629	EA	40" Deck, El Slide (Landscape Structures® PlayBooster® 126368A)	3,458.93	171.30
11 68 13 00-0630	EA	48" Deck, El Slide (Landscape Structures® PlayBooster® 126368B)	3,940.99	181.38
11 68 13 00-0631	EA	56" Deck, El Slide (Landscape Structures® PlayBooster® 126368C)	4,169.43	181.38
11 68 13 00-0632	EA	64" Deck, El Slide (Landscape Structures® PlayBooster® 126368D)	4,667.81	201.53
11 68 13 00-0633	EA	72" Deck, El Slide (Landscape Structures® PlayBooster® 126368E)	4,888.09	201.53
11 68 13 00-0634	EA	96" Deck, El Slide, Excludes Posts (Landscape Structures® PlayBooster® 126368F)	6,538.97	261.99
11 68 13 00-0635	EA	Firepole With Permalene® Handholds 32"-48" Deck (Landscape Structures® PlayBooster® 148426A)	1,025.54	120.91
11 68 13 00-0636	EA	Firepole With Permalene® Handholds 56"-72" Deck (Landscape Structures® PlayBooster® 148426B)	1,050.01	120.91
11 68 13 00-0637	EA	Firepole With SteelX® Handholds 32"-48" Deck (Landscape Structures® PlayBooster® 148435A)	1,384.51	120.91
11 68 13 00-0638	EA	Firepole With SteelX® Handholds 56"-72" Deck (Landscape Structures® PlayBooster® 148435B)	1,425.31	120.91
11 68 13 00-0639	EA	32" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800A)	5,230.46	362.75
11 68 13 00-0640	EA	40" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800B)	6,029.99	362.75
11 68 13 00-0641	EA	48" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800C)	6,495.03	362.75
11 68 13 00-0642	EA	56" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800D)	7,675.58	483.68
11 68 13 00-0643	EA	64" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800E)	7,863.22	483.68
11 68 13 00-0644	EA	72" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800F)	9,184.90	483.68
11 68 13 00-0645	EA	96" Deck, Gemini SlideWinder2, Excludes Posts (Landscape Structures® PlayBooster® 130800G)	10,830.49	604.59
11 68 13 00-0646	EA	40" Deck, Rollerslide (Landscape Structures® PlayBooster® 123333A)	8,530.37	272.07
11 68 13 00-0647	EA	56" Deck, Rollerslide (Landscape Structures® PlayBooster® 123333B)	10,727.86	332.53
11 68 13 00-0648	EA	Single Poly Slide, 40" - 48" Deck (Landscape Structures® PlayBooster® 123337A)	1,882.18	120.91
11 68 13 00-0649	EA	32" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863A)	2,496.94	181.38
11 68 13 00-0650	EA	40" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863B)	2,782.48	181.38
11 68 13 00-0651	EA	48" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863C)	3,100.67	181.38
11 68 13 00-0652	EA	56" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863D)	3,519.61	241.84
11 68 13 00-0653	EA	64" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863E)	3,666.46	241.84
11 68 13 00-0654	EA	72" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863F)	4,188.60	241.84
11 68 13 00-0655	EA	96" Deck, SlideWinder2, Excludes Posts (Landscape Structures® PlayBooster® 124863G)	5,007.32	302.30
11 68 13 00-0656	EA	72" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033A)	7,453.88	453.45
11 68 13 00-0657	EA	72" Slide, With Hanger Bracket, 64" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033B)	7,737.27	413.14
11 68 13 00-0658	EA	56" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033C)	6,768.56	453.45
11 68 13 00-0659	EA	56" Slide, With Hanger Bracket, 48" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033D)	7,027.48	413.14
11 68 13 00-0660	EA	32" - 40" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340A)	2,674.99	151.15
11 68 13 00-0661	EA	48" - 56" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340B)	2,911.59	151.15
11 68 13 00-0662	EA	64" - 72" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340C)	3,596.90	151.15
11 68 13 00-0663	EA	32" - 40" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945A)	2,960.54	151.15
11 68 13 00-0664	EA	48" - 56" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945B)	3,197.14	151.15
11 68 13 00-0665	EA	64" - 72" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945C)	3,898.77	151.15
11 68 13 00-0666	EA	32" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367A)	3,017.65	151.15
11 68 13 00-0667	EA	40" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367B)	3,197.14	151.15
11 68 13 00-0668	EA	48" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367C)	3,679.20	171.30
11 68 13 00-0669	EA	56" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367D)	3,892.04	181.38
11 68 13 00-0670	EA	64" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367E)	4,348.92	181.38
11 68 13 00-0671	EA	72" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367F)	4,503.93	181.38
11 68 13 00-0672	EA	96" Deck, Tunnel Slide, Excludes Posts (Landscape Structures® PlayBooster® 126367G)	5,942.68	241.84
11 68 13 00-0673	EA	Step Deck, 16" - 32" Decks, Brown Only (Landscape Structures® PlayBooster® 111465A)	1,079.79	60.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0674	EA	Sky Rail Climber, 64" And 72" Decks, (64" Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 146812A)	1,905.23	90.69
11 68 13 00-0675	EA	Stepping Block Climber, 32" Deck Height Difference (Landscape Structures® PlayBooster® 130742A)	4,308.12	181.38
11 68 13 00-0676	EA	32" Deck, Block Climber (Landscape Structures® PlayBooster® 135344A)	2,784.63	231.76
11 68 13 00-0677	EA	40" Deck, Block Climber (Landscape Structures® PlayBooster® 135344B)	3,241.50	231.76
11 68 13 00-0678	EA	32" Deck, SteelX, Block Climber (Landscape Structures® PlayBooster® 139491A)	3,151.76	231.76
11 68 13 00-0679	EA	40" Deck, SteelX, Block Climber (Landscape Structures® PlayBooster® 139491B)	3,624.95	231.76
11 68 13 00-0680	EA	Fish Net Climber, CableCore Climbing Cable, 16" - 32" Deck (Landscape Structures® PlayBooster® 126194A)	3,418.13	171.30
11 68 13 00-0681	EA	Wavy Web Climber, 48" - 56" Deck (Landscape Structures® PlayBooster® 126273A)	3,353.58	181.38
11 68 13 00-0682	EA	Wavy Web Climber, 64" - 72" Deck (Landscape Structures® PlayBooster® 126273B)	3,598.33	181.38
11 68 13 00-0683	EA	Wavy Web Climber, 48" - 56" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126442A)	4,038.89	181.38
11 68 13 00-0684	EA	Wavy Web Climber, 64" - 72" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126442B)	4,275.49	181.38
11 68 13 00-0685	EA	Circus Ladder, CableCore Climbing Cable, 48" Deck (Landscape Structures® PlayBooster® 126272B)	1,632.14	181.38
11 68 13 00-0686	EA	Circus Ladder, CableCore Climbing Cable, 56" - 64" Deck (Landscape Structures® PlayBooster® 126272C)	1,721.88	181.38
11 68 13 00-0687	EA	Circus Ladder, CableCore Climbing Cable, 72" Deck (Landscape Structures® PlayBooster® 126272D)	1,836.10	181.38
11 68 13 00-0688	EA	Circus Ladder, CableCore Climbing Cable, 32" - 40" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441A)	2,219.55	181.38
11 68 13 00-0689	EA	Circus Ladder, CableCore Climbing Cable, 48" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441B)	2,309.29	181.38
11 68 13 00-0690	EA	Circus Ladder, CableCore Climbing Cable, 56" - 64" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441C)	2,423.51	181.38
11 68 13 00-0691	EA	Circus Ladder, CableCore Climbing Cable, 72" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441D)	2,513.25	181.38
11 68 13 00-0692	EA	Spider Web Climber, 16" - 32" Decks (Direct Bury Only) (Landscape Structures® PlayBooster® 136158A)	3,601.19	241.84
11 68 13 00-0693	EA	Chimney Climber, 56" - 64" Deck (Landscape Structures® PlayBooster® 153617A)	4,629.16	241.84
11 68 13 00-0694	EA	Chimney Climber, 72" Deck (Landscape Structures® PlayBooster® 153617B)	5,232.89	241.84
11 68 13 00-0695	EA	Chimney Climb Across, Straight, 72" To 72" Deck Or 64" To 64" Deck (Landscape Structures® PlayBooster® 155042A)	6,546.41	241.84
11 68 13 00-0696	EA	Chimney Climb Across, Straight, 56" To 56" Deck (Landscape Structures® PlayBooster® 155042B)	5,910.05	241.84
11 68 13 00-0697	EA	Chimney Climb Across, Straight, 48" To 48" Deck Or 40" To 40" Deck (Landscape Structures® PlayBooster® 155042C)	5,232.89	241.84
11 68 13 00-0698	EA	Chimney Climb Across, Straight, 32" To 32" Deck (Landscape Structures® PlayBooster® 155042D)	4,531.26	241.84
11 68 13 00-0699	EA	Chimney Climb Across, 24" Difference, 72" To 48" Deck Or 64" To 40" Deck (Landscape Structures® PlayBooster® 155043A)	6,301.66	241.84
11 68 13 00-0700	EA	Chimney Climb Across, 24" Difference, 56" To 32" Deck (Landscape Structures® PlayBooster® 155043B)	5,910.05	241.84
11 68 13 00-0701	EA	Chimney Climb Across, 24" Difference, 48" To 24" Deck (Landscape Structures® PlayBooster® 155043C)	5,518.44	241.84
11 68 13 00-0702	EA	48" - 56" Deck, Cascade Climber (Direct Bury Only) (Landscape Structures® PlayBooster® 150975A)	2,782.48	181.38
11 68 13 00-0703	EA	64" - 72" Deck, Cascade Climber (Direct Bury Only) (Landscape Structures® PlayBooster® 150975B)	3,606.49	181.38
11 68 13 00-0704	EA	24" Deck Height Difference, Catwalk Climber (Landscape Structures® PlayBooster® 128986A)	2,169.17	151.15
11 68 13 00-0705	EA	48" - 56" Deck, Centipede Climber (Landscape Structures® PlayBooster® 123291A)	1,858.42	141.07
11 68 13 00-0706	EA	48" - 56" Deck, 90 Degree Tri-Deck, Centipede Climber (Landscape Structures® PlayBooster® 126376A)	2,494.78	141.07
11 68 13 00-0707	EA	48" - 56" Deck, SteelX, Centipede Climber (Landscape Structures® PlayBooster® 139496A)	2,209.24	141.07
11 68 13 00-0708	EA	40" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352A)	1,965.20	151.15
11 68 13 00-0709	EA	48" - 56" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352B)	2,063.11	151.15
11 68 13 00-0710	EA	64" - 72" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352C)	2,144.69	151.15
11 68 13 00-0711	EA	40" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350A)	1,247.26	151.15
11 68 13 00-0712	EA	48" - 56" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350B)	1,312.52	151.15
11 68 13 00-0713	EA	64" - 72" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350C)	1,418.59	151.15
11 68 13 00-0714	EA	40" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351A)	1,598.07	151.15
11 68 13 00-0715	EA	48" - 56" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351B)	1,663.34	151.15
11 68 13 00-0716	EA	64" - 72" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351C)	1,753.08	151.15
11 68 13 00-0717	EA	48" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570A)	2,144.69	151.15
11 68 13 00-0718	EA	56" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570B)	2,161.01	151.15
11 68 13 00-0719	EA	64" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570C)	2,544.46	151.15
11 68 13 00-0720	EA	72" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570D)	2,560.78	151.15
11 68 13 00-0721	EA	48" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501A)	2,487.35	151.15
11 68 13 00-0722	EA	56" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501B)	2,528.14	151.15
11 68 13 00-0723	EA	64" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501C)	2,911.59	151.15
11 68 13 00-0724	EA	72" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501D)	2,936.07	151.15
11 68 13 00-0725	EA	72" Deck, Conical Climber (Landscape Structures® PlayBooster® 143199A)	4,872.49	211.61
11 68 13 00-0726	EA	40" Deck, Conical Climber (Landscape Structures® PlayBooster® 143199B)	3,991.37	211.61
11 68 13 00-0727	EA	32" - 48" Deck, Corkscrew Climber (Landscape Structures® PlayBooster® 148432A)	1,400.83	120.91
11 68 13 00-0728	EA	56" - 72" Deck, Corkscrew Climber (Landscape Structures® PlayBooster® 148432B)	1,580.32	120.91
11 68 13 00-0729	EA	32" - 48" Deck, SteelX, Corkscrew Climber (Landscape Structures® PlayBooster® 148437A)	1,759.80	120.91
11 68 13 00-0730	EA	56" - 72" Deck, SteelX, Corkscrew Climber (Landscape Structures® PlayBooster® 148437B)	1,988.24	120.91
11 68 13 00-0731	EA	64" - 72" Deck, Corner Climber (Landscape Structures® PlayBooster® 143198A)	4,761.14	272.07
11 68 13 00-0732	EA	SpaceLink Climber, Net Climber, 72" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145106A)	6,547.41	90.69
11 68 13 00-0733	EA	Manta Ray Climber, Net Climber, 48" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108A)	6,497.46	241.84
11 68 13 00-0734	EA	Manta Ray Climber, Net Climber, 56" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108B)	6,497.46	241.84
11 68 13 00-0735	EA	Manta Ray Climber, 64" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108C)	6,497.46	241.84
11 68 13 00-0736	EA	SpaceLink Climber, Net Climber, 48" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145240A)	6,547.41	90.69
11 68 13 00-0737	EA	Star Seeker Climber, Net Climber, 72" Deck (Attaches To Square Decks Only, Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 148039A)	4,133.93	120.91
11 68 13 00-0738	EA	SpaceWalk Climber, Net Climber, Deck-To-Deck, 32" - 48" Deck (Landscape Structures® PlayBooster® 145107A)	8,457.93	120.91
11 68 13 00-0739	EA	Funnel Climber, Net Climber (Landscape Structures® PlayBooster® 145109A)	4,681.99	151.15
11 68 13 00-0740	EA	Funnel Climber, Short Brace, Net Climber (Landscape Structures® PlayBooster® 145248A)	213.56	30.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0741	EA	Funnel Climber, Long Brace, Net Climber (Landscape Structures® PlayBooster® 145249A)	246.19	30.23
11 68 13 00-0742	EA	Funnel Climber, Vertical Ladder, Net Climber (Landscape Structures® PlayBooster® 145250A)	923.35	30.23
11 68 13 00-0743	EA	Funnel Climber, Handhold Panels, Net Climber (Landscape Structures® PlayBooster® 145251A)	327.78	30.23
11 68 13 00-0744	EA	40" Deck, Cozy Climber (Landscape Structures® PlayBooster® 123293A)	2,913.02	181.38
11 68 13 00-0745	EA	48" Deck, Cozy Climber (Landscape Structures® PlayBooster® 123293B)	3,125.14	181.38
11 68 13 00-0746	EA	40" Deck, 90 Degree Tri-Deck, Cozy Climber (Landscape Structures® PlayBooster® 126374A)	3,271.99	181.38
11 68 13 00-0747	EA	48" Deck, 90 Degree Tri-Deck, Cozy Climber (Landscape Structures® PlayBooster® 126374B)	3,573.66	181.38
11 68 13 00-0748	EA	40" Deck, SteelX, Cozy Climber (Landscape Structures® PlayBooster® 139500A)	3,271.99	181.38
11 68 13 00-0749	EA	48" Deck, SteelX, Cozy Climber (Landscape Structures® PlayBooster® 139500B)	3,508.59	181.38
11 68 13 00-0750	EA	1-Step With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907A)	1,636.00	90.69
11 68 13 00-0751	EA	2-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907B)	2,321.31	90.69
11 68 13 00-0752	EA	3-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907C)	3,014.78	90.69
11 68 13 00-0753	EA	4-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907D)	3,700.10	90.69
11 68 13 00-0754	EA	1-Step With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908A)	1,578.89	90.69
11 68 13 00-0755	EA	2-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908B)	1,807.33	90.69
11 68 13 00-0756	EA	3-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908C)	2,043.92	90.69
11 68 13 00-0757	EA	4-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908D)	2,141.82	90.69
11 68 13 00-0758	EA	1-Step With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910A)	1,888.91	90.69
11 68 13 00-0759	EA	2-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910B)	2,133.67	90.69
11 68 13 00-0760	EA	3-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910C)	2,362.10	90.69
11 68 13 00-0761	EA	4-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910D)	2,590.54	90.69
11 68 13 00-0762	EA	48" To 48" Deck Or 56" To 56" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916A)	4,472.72	211.61
11 68 13 00-0763	EA	64" To 64" Deck Or 72" To 72" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916B)	4,586.94	211.61
11 68 13 00-0764	EA	48" To 64" Deck Or 56" To 72" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916C)	4,521.67	211.61
11 68 13 00-0765	EA	48" To 48" Deck Or 56" To 56" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488A)	5,198.83	211.61
11 68 13 00-0766	EA	64" To 64" Deck Or 72" To 72" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488B)	5,313.05	211.61
11 68 13 00-0767	EA	48" To 64" Deck Or 56" To 72" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488C)	5,264.10	211.61
11 68 13 00-0768	EA	40" - 48" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914A)	1,736.77	151.15
11 68 13 00-0769	EA	56" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914B)	1,908.10	151.15
11 68 13 00-0770	EA	64" - 72" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914C)	2,087.58	151.15
11 68 13 00-0771	EA	40" - 48" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688A)	2,244.02	181.38
11 68 13 00-0772	EA	56" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688B)	2,423.51	181.38
11 68 13 00-0773	EA	64" - 72" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688C)	2,594.84	181.38
11 68 13 00-0774	EA	40" - 48" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493A)	2,095.74	151.15
11 68 13 00-0775	EA	56" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493B)	2,258.91	151.15
11 68 13 00-0776	EA	64" - 72" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493C)	2,446.56	151.15
11 68 13 00-0777	EA	40" - 48" Deck, Loop Ladder (Landscape Structures® PlayBooster® 128252A)	1,205.03	120.91
11 68 13 00-0778	EA	40" - 48" Deck, SteelX, Loop Ladder (Landscape Structures® PlayBooster® 139495A)	1,564.00	120.91
11 68 13 00-0779	EA	32" - 48" Deck, Loop Pole (Landscape Structures® PlayBooster® 148434A)	1,400.83	120.91
11 68 13 00-0780	EA	56" - 72" Deck, Loop Pole (Landscape Structures® PlayBooster® 148434B)	1,515.05	120.91
11 68 13 00-0781	EA	32" - 48" Deck, SteelX, Loop Pole (Landscape Structures® PlayBooster® 148438A)	1,759.80	120.91
11 68 13 00-0782	EA	56" - 72" Deck, SteelX, Loop Pole (Landscape Structures® PlayBooster® 148438B)	1,857.71	120.91
11 68 13 00-0783	EA	24" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247A)	1,039.70	80.62
11 68 13 00-0784	EA	32" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247B)	1,145.76	80.62
11 68 13 00-0785	EA	40" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247C)	1,276.30	80.62
11 68 13 00-0786	EA	48" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247D)	1,529.94	90.69
11 68 13 00-0787	EA	56" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247E)	1,725.74	90.69
11 68 13 00-0788	EA	64" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247F)	1,905.23	90.69
11 68 13 00-0789	EA	72" Deck-To-Ground, Panel Vertical Ladder (Landscape Structures® PlayBooster® 116247G)	2,149.98	90.69
11 68 13 00-0790	EA	48" Deck Height Difference, Single Wave Climber (Landscape Structures® PlayBooster® 122915A)	2,239.73	90.69
11 68 13 00-0791	EA	64" Deck Height Difference, Single Wave Climber (Landscape Structures® PlayBooster® 122915B)	2,321.31	90.69
11 68 13 00-0792	EA	48" Deck Height Difference, SteelX, Single Wave Climber (Landscape Structures® PlayBooster® 139487A)	2,598.70	90.69
11 68 13 00-0793	EA	64" Deck Height Difference, SteelX, Single Wave Climber (Landscape Structures® PlayBooster® 139487B)	2,688.44	90.69
11 68 13 00-0794	EA	48" - 56" Deck, Snake Climber (Landscape Structures® PlayBooster® 122913A)	2,218.12	151.15
11 68 13 00-0795	EA	64" - 72" Deck, Snake Climber (Landscape Structures® PlayBooster® 122913B)	2,324.18	151.15
11 68 13 00-0796	EA	48" - 56" Deck, 90 Degree Tri-Deck, Snake Climber (Landscape Structures® PlayBooster® 126375A)	3,035.40	181.38
11 68 13 00-0797	EA	64" - 72" Deck, 90 Degree Tri-Deck, Snake Climber (Landscape Structures® PlayBooster® 126375B)	3,165.93	181.38
11 68 13 00-0798	EA	48" - 56" Deck, SteelX, Snake Climber (Landscape Structures® PlayBooster® 139490A)	2,577.09	151.15
11 68 13 00-0799	EA	64" - 72" Deck, SteelX, Snake Climber (Landscape Structures® PlayBooster® 139490B)	2,674.99	151.15
11 68 13 00-0800	EA	32" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533A)	1,180.55	120.91
11 68 13 00-0801	EA	40" - 48" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533B)	1,580.32	120.91
11 68 13 00-0802	EA	56" - 64" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533C)	1,988.96	141.07
11 68 13 00-0803	EA	72" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533D)	2,396.88	141.07
11 68 13 00-0804	EA	32" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246A)	1,914.81	120.91
11 68 13 00-0805	EA	40" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246B)	2,037.19	120.91
11 68 13 00-0806	EA	48" - 56" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246C)	2,322.74	120.91
11 68 13 00-0807	EA	64" - 72" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246D)	2,608.29	120.91
11 68 13 00-0808	EA	32" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492A)	2,281.95	120.91
11 68 13 00-0809	EA	40" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492B)	2,396.17	120.91
11 68 13 00-0810	EA	48" - 56" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492C)	2,681.71	120.91
11 68 13 00-0811	EA	64" - 72" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492D)	2,975.42	120.91
11 68 13 00-0812	EA	Mini Summit Climber 40"-48" Decks (Landscape Structures® PlayBooster® 153076A)	1,429.80	181.38
11 68 13 00-0813	EA	64" And 72" Decks, (64" Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 128608A)	1,678.22	120.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0814	EA	PlayOdyssey 72" Deck (Landscape Structures® PlayBooster® 129453A)	1,844.26	181.38
11 68 13 00-0815	EA	48" Deck-To-Ground, Thunderhead Climber With Aluminum Posts (Landscape Structures® PlayBooster® 139778A)	7,487.93	483.68
11 68 13 00-0816	EA	48" Deck-To-Ground, Thunderhead Climber With Steel Posts (Landscape Structures® PlayBooster® 139778B)	7,487.93	483.68
11 68 13 00-0817	EA	48" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624A)	1,498.73	120.91
11 68 13 00-0818	EA	56" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624B)	1,498.73	120.91
11 68 13 00-0819	EA	64" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624C)	1,653.74	120.91
11 68 13 00-0820	EA	72" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624D)	1,653.74	120.91
11 68 13 00-0821	EA	24" - 32" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249A)	967.00	90.69
11 68 13 00-0822	EA	40" - 48" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249B)	1,040.43	90.69
11 68 13 00-0823	EA	56" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249C)	1,089.38	90.69
11 68 13 00-0824	EA	64" - 72" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249D)	1,154.65	90.69
11 68 13 00-0825	EA	24" - 32" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372A)	1,513.62	90.69
11 68 13 00-0826	EA	40" - 48" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372B)	1,578.89	90.69
11 68 13 00-0827	EA	56" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372C)	1,636.00	90.69
11 68 13 00-0828	EA	64" - 72" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372D)	1,709.42	90.69
11 68 13 00-0829	EA	24" - 32" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494A)	1,317.82	90.69
11 68 13 00-0830	EA	40" - 48" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494B)	1,366.77	90.69
11 68 13 00-0831	EA	56" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494C)	1,440.19	90.69
11 68 13 00-0832	EA	64" - 72" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494D)	1,513.62	90.69
11 68 13 00-0833	EA	56" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284D)	1,124.88	151.15
11 68 13 00-0834	EA	64" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284E)	1,165.67	151.15
11 68 13 00-0835	EA	72" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284F)	1,239.10	151.15
11 68 13 00-0836	EA	32" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371A)	1,565.44	151.15
11 68 13 00-0837	EA	40" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371B)	1,630.71	151.15
11 68 13 00-0838	EA	48" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371C)	1,679.66	151.15
11 68 13 00-0839	EA	56" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371D)	1,736.77	151.15
11 68 13 00-0840	EA	64" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371E)	1,793.88	151.15
11 68 13 00-0841	EA	72" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371F)	1,850.99	151.15
11 68 13 00-0842	EA	32" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502A)	1,312.52	151.15
11 68 13 00-0843	EA	40" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502B)	1,377.79	151.15
11 68 13 00-0844	EA	48" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502C)	1,418.59	151.15
11 68 13 00-0845	EA	56" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502D)	1,459.38	151.15
11 68 13 00-0846	EA	64" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502E)	1,508.33	151.15
11 68 13 00-0847	EA	72" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502F)	1,581.76	151.15
11 68 13 00-0848	EA	Overhead Events Air Dancer Overhead Event, Max. 32" Decks (Landscape Structures® PlayBooster® 121952A)	2,241.15	120.91
11 68 13 00-0849	EA	Overhead Events Swing Out Overhead Event, 16" Deck Height Only (Landscape Structures® PlayBooster® 120872A)	1,578.89	90.69
11 68 13 00-0850	EA	Overhead Events Triple Ring Fling Overhead Event, 24" Or 32" Deck-To-Ground (Landscape Structures® PlayBooster® 123824A)	3,165.93	181.38
11 68 13 00-0851	EA	Overhead Events Ring Pull, Brown Rings Only, Intended For Wheelchair Users (Landscape Structures® PlayBooster® 130873A)	794.24	60.46
11 68 13 00-0852	EA	Overhead Events 90 Degree Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142890A)	2,241.15	120.91
11 68 13 00-0853	EA	Overhead Events Circular Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142891A)	4,030.73	181.38
11 68 13 00-0854	EA	Overhead Events C-Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142883A)	3,197.14	151.15
11 68 13 00-0855	EA	Overhead Events Ring-a-Ling Overhead Event, Max. 32" Decks (Landscape Structures® PlayBooster® 126203A)	3,035.40	181.38
11 68 13 00-0856	EA	Overhead Events Wave Net, CableCore Climbing Cable, Max. 32" Decks (Landscape Structures® PlayBooster® 126274A)	3,392.94	151.15
11 68 13 00-0857	EA	Overhead Events Trapeze Horizontal Ladder, 18" Wide, Max. 32" Decks (Landscape Structures® PlayBooster® 111468A)	2,193.64	151.15
11 68 13 00-0858	EA	Overhead Events Inclined Horizontal Ladder, 16" - 32" Decks, 16" Incline (Landscape Structures® PlayBooster® 142889A)	1,389.81	60.46
11 68 13 00-0859	EA	Overhead Events Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142887A)	1,357.18	60.46
11 68 13 00-0860	EA	Overhead Events Overhead Parallel Bars, Max. 32" Decks (Landscape Structures® PlayBooster® 119430A)	1,430.61	60.46
11 68 13 00-0861	EA	Overhead Events Horizontal Ladder, 84" Module, Max. 16" Decks, 12" Max. Rung Spacing (Landscape Structures® PlayBooster® 139782A)	1,104.27	60.46
11 68 13 00-0862	EA	Overhead Events Wave Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 119613A)	1,528.51	60.46
11 68 13 00-0863	EA	Overhead Events Single Beam Loop Horizontal Ladder, 84" Module, Max. 32" Decks (Landscape Structures® PlayBooster® 119805A)	1,226.64	60.46
11 68 13 00-0864	EA	Overhead Events Single Beam Loop Horizontal Ladder, 123" Module, Max. 32" Decks (Landscape Structures® PlayBooster® 119806A)	1,561.14	60.46
11 68 13 00-0865	EA	Overhead Events S-Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142884A)	3,197.14	151.15
11 68 13 00-0866	EA	Overhead Events Single S-Parallel Bar, Max. 32" Decks (Landscape Structures® PlayBooster® 119979A)	1,357.18	60.46
11 68 13 00-0867	EA	Overhead Events Wiggle Ring Bridge, Max. 32" Decks (Landscape Structures® PlayBooster® 148639A)	2,342.93	30.23
11 68 13 00-0868	EA	Overhead Events S-Ring Bridge, With (2) 2" Crossovers, Max. 32" Decks, Brown Rings Only (Landscape Structures® PlayBooster® 111467A)	2,011.29	90.69
11 68 13 00-0869	EA	Overhead Events Ring Bridge, With (2) 2" Crossovers, Max. 32" Decks, Brown Rings Only (Landscape Structures® PlayBooster® 111467B)	1,782.85	90.69
11 68 13 00-0870	EA	116" Steel Posts, End Vertical Ladder (Landscape Structures® PlayBooster® 111273B)	1,531.37	120.91
11 68 13 00-0871	EA	132" Steel Posts, End Vertical Ladder (For Use With Ring Bridges) (Landscape Structures® PlayBooster® 116208B)	1,612.95	120.91
11 68 13 00-0872	EA	10' Module, Track Ride Without Supports, With (2) Crossovers, Max. 16" Decks (Landscape Structures® PlayBooster® 111353A)	3,008.05	120.91
11 68 13 00-0873	EA	18' Module, Track Ride Without Supports, With (2) Crossovers, Max. 16" Decks (Landscape Structures® PlayBooster® 112465A)	3,383.35	120.91
11 68 13 00-0874	EA	16" - 24" Decks, Spring Across Bridge (Landscape Structures® PlayBooster® 136156A)	4,304.26	272.07
11 68 13 00-0875	EA	90 Degree, 8" - 72" Decks, Curved Bridge, Bridge Planks Brown Only (Landscape Structures® PlayBooster® 120211A)	5,472.36	302.30
11 68 13 00-0876	EA	C Or S, 8" - 72" Decks, Curved Bridge, Bridge Planks Brown Only (Landscape Structures® PlayBooster® 120689A)	11,850.31	604.59
11 68 13 00-0877	EA	16"-32" Deck, Pod Bridge, Direct Bury (Landscape Structures® PlayBooster® 127234A)	6,495.03	362.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0878	EA	42" Module, Arch Bridge, Permalene Barrier, Bridge Plank (Landscape Structures® PlayBooster® 114665A)	2,572.80	60.46
11 68 13 00-0879	EA	42" Module, Arch Bridge, SteelX, Bridge Plank (Landscape Structures® PlayBooster® 139383A)	2,744.12	60.46
11 68 13 00-0880	EA	123" Module, Arch Bridge With Guardrail, Max. 40" Decks (Landscape Structures® PlayBooster® 143677A)	5,008.33	151.15
11 68 13 00-0881	EA	123" Module, Arch Bridge With Barrier, Max. 72" Decks (Landscape Structures® PlayBooster® 143677B)	6,452.38	151.15
11 68 13 00-0882	EA	42" Module, Belt Bridge, Permalene Barrier (Landscape Structures® PlayBooster® 114373A)	2,623.18	90.69
11 68 13 00-0883	EA	84" Module, 24" - 48" Decks, Belt Bridge (Landscape Structures® PlayBooster® 120310A)	3,968.32	241.84
11 68 13 00-0884	EA	123" Module, 24" - 48" Decks, Belt Bridge (Landscape Structures® PlayBooster® 120624A)	4,588.37	241.84
11 68 13 00-0885	EA	Bridge/Ramp Transition Bracket, Brown Only (Landscape Structures® PlayBooster® 111345A)	393.05	30.23
11 68 13 00-0886	EA	Ramp Exit/Wall Mount Plate, Surface Mount, Brown Only (Landscape Structures® PlayBooster® 111346A)	591.71	90.69
11 68 13 00-0887	EA	Ramp Exit Plate, Direct Bury, Brown Only (Landscape Structures® PlayBooster® 111346B)	722.25	90.69
11 68 13 00-0888	EA	Ramp Berm Exit Plate, Brown Only (Landscape Structures® PlayBooster® 120325A)	575.39	90.69
11 68 13 00-0889	EA	84" Module, Clatterbridge, Brown Planks Only, With Handrails For 24" - 48" Decks (Landscape Structures® PlayBooster® 143194A)	4,283.65	181.38
11 68 13 00-0890	EA	123" Module, Clatterbridge, Brown Planks Only, With Handrails For 24" - 48" Decks (Landscape Structures® PlayBooster® 143195A)	5,427.27	211.61
11 68 13 00-0891	EA	84" Module, Clatterbridge, Brown Planks Only, With Barrier For 24"-72" Decks (Landscape Structures® PlayBooster® 147424A)	6,151.94	181.38
11 68 13 00-0892	EA	123" Module, Clatterbridge, Brown Planks Only, With Barrier For 24"-72" Decks (Landscape Structures® PlayBooster® 147425A)	7,522.57	181.38
11 68 13 00-0893	EA	84" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 120873A)	3,740.32	423.21
11 68 13 00-0894	EA	123" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 121416A)	5,179.08	483.68
11 68 13 00-0895	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 136157A)	5,179.08	483.68
11 68 13 00-0896	EA	16" Deck Height Difference, Peek And Creep Ramp, Brown Wire Plank Only, With Barriers (Landscape Structures® PlayBooster® 152443A)	3,837.36	60.46
11 68 13 00-0897	EA	16" Deck Height Difference, Peek And Creep Ramp, Brown Wire Plank Only, With Guardrails (Landscape Structures® PlayBooster® 152444A)	2,507.53	60.46
11 68 13 00-0898	EA	Wire Crawl Tunnel (Landscape Structures® PlayBooster® 119641A)	2,889.97	211.61
11 68 13 00-0899	EA	64" Straight, 8" - 72" Decks, Crawl Tunnel (Landscape Structures® PlayBooster® 126204B)	3,195.70	120.91
11 68 13 00-0900	EA	90 Degree Curved, 8" - 72" Deck, Crawl Tunnel (Landscape Structures® PlayBooster® 142892A)	3,791.27	120.91
11 68 13 00-0901	EA	32" Straight, 8" - 72" Decks, Crawl Tunnel (Landscape Structures® PlayBooster® 126204A)	2,445.12	120.91
11 68 13 00-0902	EA	C-Inclined, 16" Deck Height Difference, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117088A)	6,236.39	241.84
11 68 13 00-0903	EA	S-Inclined, 16" Deck Height Difference, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117088B)	6,236.39	241.84
11 68 13 00-0904	EA	C-Straight, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117089A)	6,236.39	241.84
11 68 13 00-0905	EA	S-Straight, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117089B)	6,236.39	241.84
11 68 13 00-0906	EA	24" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 129042A)	3,991.37	211.61
11 68 13 00-0907	EA	8" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 119930A)	3,534.50	211.61
11 68 13 00-0908	EA	16" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 122589A)	3,648.71	211.61
11 68 13 00-0909	EA	Math Panel, Red Discs Only, Enclosure (Landscape Structures® PlayBooster® 115232A)	1,953.45	80.62
11 68 13 00-0910	EA	Spelling Panel, Red Discs Only, Enclosure (Landscape Structures® PlayBooster® 115233A)	1,855.55	80.62
11 68 13 00-0911	EA	Gear Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 117146A)	2,189.35	60.46
11 68 13 00-0912	EA	Hourglass Panel, Enclosure (Landscape Structures® PlayBooster® 123319A)	1,691.68	60.46
11 68 13 00-0913	EA	Image Panel, 176 Play Blocks, Enclosure (Landscape Structures® PlayBooster® 127681A)	1,627.11	80.62
11 68 13 00-0914	EA	Slant Window Panel, Enclosure (Landscape Structures® PlayBooster® 115222A)	1,504.74	80.62
11 68 13 00-0915	EA	Bubble Panel, Enclosure (Landscape Structures® PlayBooster® 115223A)	998.21	60.46
11 68 13 00-0916	EA	Puppet Panel, Enclosure (Landscape Structures® PlayBooster® 115225A)	737.13	60.46
11 68 13 00-0917	EA	Zoo Panel, Enclosure (Landscape Structures® PlayBooster® 115227A)	745.29	60.46
11 68 13 00-0918	EA	Ball Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115236A)	1,430.61	60.46
11 68 13 00-0919	EA	Match 4 Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 127678A)	1,162.08	80.62
11 68 13 00-0920	EA	Finger Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115229A)	892.14	60.46
11 68 13 00-0921	EA	Tracing Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115230A)	892.14	60.46
11 68 13 00-0922	EA	Mirror Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115234A)	1,357.18	60.46
11 68 13 00-0923	EA	Pilot Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 119514A)	1,300.07	60.46
11 68 13 00-0924	EA	Space Travel Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 123483A)	1,536.67	60.46
11 68 13 00-0925	EA	Braille And Clock Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 123844A)	1,830.37	60.46
11 68 13 00-0926	EA	Chimes Panel, Enclosure (Landscape Structures® PlayBooster® 115243A)	1,691.68	60.46
11 68 13 00-0927	EA	Puppet Panel With Window Above Deck, Enclosure (Landscape Structures® PlayBooster® 115226A)	908.46	60.46
11 68 13 00-0928	EA	Balcony Deck, Brown Tenderdeck Only (Landscape Structures® PlayBooster® 111240A)	1,521.78	90.69
11 68 13 00-0929	EA	Balcony Deck, With Wheel, Brown Tenderdeck Only (Landscape Structures® PlayBooster® 111240B)	1,750.22	90.69
11 68 13 00-0930	EA	Driver Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139382A)	1,104.27	60.46
11 68 13 00-0931	EA	Driver Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139382B)	1,275.59	60.46
11 68 13 00-0932	EA	Driver Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 115228A)	1,022.68	60.46
11 68 13 00-0933	EA	Storefront Panel, SteelX, Ground-Level Panel (Landscape Structures® PlayBooster® 139378A)	859.51	60.46
11 68 13 00-0934	EA	Hole Panel (SteelX®), Ground-Level Panel (Landscape Structures® PlayBooster® 139381A)	818.72	60.46
11 68 13 00-0935	EA	Slant Entrance Panel, 24" Diameter, Ground-Level Panel (Landscape Structures® PlayBooster® 115242A)	1,408.27	110.85
11 68 13 00-0936	EA	Sand And Water Panel, Ground-Level Panel, Tan Dish Only (Landscape Structures® PlayBooster® 115257A)	1,888.91	90.69
11 68 13 00-0937	EA	Table Panel, Ground-Level Panel (Landscape Structures® PlayBooster® 130565A)	1,284.46	80.62
11 68 13 00-0938	EA	Hole Panel (Permalene®), Ground-Level Panel (Landscape Structures® PlayBooster® 115253A)	737.13	60.46
11 68 13 00-0939	EA	Storefront Panel, Ground-Level Panel (Landscape Structures® PlayBooster® 115254A)	761.61	60.46
11 68 13 00-0940	EA	2 Panels, Handhold Panel (Landscape Structures® PlayBooster® 127953A)	368.57	30.23
11 68 13 00-0941	EA	1 Panel, Handhold Panel (Landscape Structures® PlayBooster® 127953B)	185.10	20.15
11 68 13 00-0942	EA	House Panel (SteelX®) Above Deck (Landscape Structures® PlayBooster® 139380A)	964.86	50.39
11 68 13 00-0943	EA	House Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139380B)	1,153.22	60.46
11 68 13 00-0944	EA	House Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 115235A)	835.03	60.46
11 68 13 00-0945	EA	Periscope Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139379A)	2,099.60	60.46
11 68 13 00-0946	EA	Periscope Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 117957A)	1,830.37	60.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0947	EA	Periscope Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139379B)	2,287.25	60.46
11 68 13 00-0948	EA	Pipe Barrier Above Deck, Without Wheel (Landscape Structures® PlayBooster® 116244A)	761.61	60.46
11 68 13 00-0949	EA	Pipe Barrier, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117680A)	819.42	80.62
11 68 13 00-0950	EA	Pipe Barrier Above Deck, With Wheel (Landscape Structures® PlayBooster® 116244B)	973.73	60.46
11 68 13 00-0951	EA	Pipe Barrier, With Wheel, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117680B)	1,047.86	80.62
11 68 13 00-0952	EA	Pipe Barrier, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921A)	810.56	60.46
11 68 13 00-0953	EA	Pipe Barrier, With Wheel, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921B)	1,039.00	60.46
11 68 13 00-0954	EA	Pipe Guardrail (Landscape Structures® PlayBooster® 116245A)	655.55	60.46
11 68 13 00-0955	EA	Pipe Guardrail, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117681A)	835.74	80.62
11 68 13 00-0956	EA	Wheelchair Accessible Navigator Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 127439A)	792.81	30.23
11 68 13 00-0957	EA	Wheelchair Accessible Trail Tracker Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 127440A)	568.86	30.23
11 68 13 00-0958	EA	Wheelchair Accessible Image Reach Panel, 75 Play Blocks (Landscape Structures® PlayBooster® 129043A)	1,037.57	30.23
11 68 13 00-0959	EA	Wheelchair Accessible Periscope Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 135729A)	1,756.23	50.39
11 68 13 00-0960	EA	Wheelchair Accessible Match 3 Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 135730A)	948.54	50.39
11 68 13 00-0961	EA	Wheelchair Accessible Chimes Reach Panel (Landscape Structures® PlayBooster® 135731A)	1,446.21	50.39
11 68 13 00-0962	EA	Recycled Poly Wall (Landscape Structures® PlayBooster® 111267A)	1,087.95	60.46
11 68 13 00-0963	EA	Recycled Poly Wall, With Wheel (Landscape Structures® PlayBooster® 111267B)	1,324.55	60.46
11 68 13 00-0964	EA	Tic-Tac-Toe Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139377A)	2,662.54	60.46
11 68 13 00-0965	EA	Tic-Tac-Toe Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139377B)	2,867.21	80.62
11 68 13 00-0966	EA	Tic-Tac-Toe Panel, Above Deck, Tan Discs Only (Landscape Structures® PlayBooster® 115231A)	1,659.04	60.46
11 68 13 00-0967	EA	Wire Barrier (Landscape Structures® PlayBooster® 120314A)	852.06	80.62
11 68 13 00-0968	EA	Wire Barrier, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 120315A)	1,031.54	80.62
11 68 13 00-0969	EA	Wire Barrier With Wheel (Landscape Structures® PlayBooster® 120314B)	1,088.65	80.62
11 68 13 00-0970	EA	Wire Barrier With Wheel, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 120315B)	1,268.14	80.62
11 68 13 00-0971	EA	Wire Barrier, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921C)	908.46	60.46
11 68 13 00-0972	EA	Wire Barrier With Wheel, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921D)	1,145.06	60.46
11 68 13 00-0973	EA	Loop Seats (Landscape Structures® PlayBooster® 118089A)	572.53	30.23
11 68 13 00-0974	EA	Grab Bar, TenderTuff-coated Brown (Landscape Structures® PlayBooster® 120901A)	220.99	20.15
11 68 13 00-0975	EA	Handhold/Leg Lift, TenderTuff-coated Brown (Landscape Structures® PlayBooster® 120902A)	245.47	20.15
11 68 13 00-0976	EA	Handloop Assembly (Landscape Structures® PlayBooster® 111275A)	320.34	50.39
11 68 13 00-0977	EA	Rail Assembly (Landscape Structures® PlayBooster® 111276A)	312.18	50.39
11 68 13 00-0978	EA	Log Roll, (1) Steel Post, Tan Log Only (Landscape Structures® PlayBooster® 111356B)	1,653.03	110.85
11 68 13 00-0979	EA	Chinning Bar, (1) Steel Post (Landscape Structures® PlayBooster® 111357C)	714.09	90.69
11 68 13 00-0980	EA	Turning Bar, (1) Steel Post (Landscape Structures® PlayBooster® 111357D)	665.14	90.69
11 68 13 00-0981	EA	Parallel Bars, Without Posts (Landscape Structures® PlayBooster® 111361A)	851.35	60.46
11 68 13 00-0982	EA	Orbiter Spinner, (Requires Steel Post, Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 153590A)	2,272.36	90.69
11 68 13 00-0983	EA	48" Deck, Talk Tubes For PlayOdyssey Pod, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 129079A)	800.97	30.23
11 68 13 00-0984	EA	72" Deck, Talk Tubes For PlayOdyssey Pod, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 129079B)	849.92	30.23
11 68 13 00-0985	EA	Ground Level, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363A)	605.17	30.23
11 68 13 00-0986	EA	16" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363B)	613.33	30.23
11 68 13 00-0987	EA	24" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363C)	621.49	30.23
11 68 13 00-0988	EA	32" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363D)	629.64	30.23
11 68 13 00-0989	EA	40" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363E)	637.80	30.23
11 68 13 00-0990	EA	48" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363F)	654.12	30.23
11 68 13 00-0991	EA	56" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363G)	662.28	30.23
11 68 13 00-0992	EA	64" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363H)	678.59	30.23
11 68 13 00-0993	EA	72" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363I)	686.75	30.23
11 68 13 00-0994	EA	Arch Roof, (Excludes Arches) (Landscape Structures® PlayBooster® 111256A)	947.83	30.23
11 68 13 00-0995	EA	Recycled 2x4 Roof (Landscape Structures® PlayBooster® 111260A)	2,891.40	241.84
11 68 13 00-0996	EA	Recycled Peak Roof (Landscape Structures® PlayBooster® 111408A)	4,058.07	241.84
11 68 13 00-0997	EA	Hex Shingle Roof (Landscape Structures® PlayBooster® 130567A)	3,329.10	181.38
11 68 13 00-0998	EA	Square SteelX Roof (Landscape Structures® PlayBooster® 139375A)	3,549.38	181.38
11 68 13 00-0999	EA	Hex SteelX Roof (Landscape Structures® PlayBooster® 139376A)	5,525.17	211.61
11 68 13 00-1000	EA	Flag Pole With Permalene Flag (For SteelX Hex Roof Or SteelX Square Roof Only) (Landscape Structures® PlayBooster® 139464A)	343.37	20.15
11 68 13 00-1001	EA	Full Sail, CoolToppers Shade System (Direct Bury Only) (Landscape Structures® PlayBooster® 136488A)	13,699.85	725.52
11 68 13 00-1002	EA	Single Post Shade, CoolToppers Shade System (Direct Bury Only) (Landscape Structures® PlayBooster® 154884A)	4,548.45	604.59
11 68 13 00-1003	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck With Roof, With Center Access (Landscape Structures® PlayBooster® 128980A)	23,441.96	1,088.27
11 68 13 00-1004	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck Without Roof, With Center Access (Landscape Structures® PlayBooster® 128980B)	18,326.58	1,088.27
11 68 13 00-1005	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck Without Roof, Without Center Access (Landscape Structures® PlayBooster® 128980C)	17,339.41	1,088.27
11 68 13 00-1006	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck With Roof, With Center Access (Landscape Structures® PlayBooster® 128980D)	23,580.66	1,088.27
11 68 13 00-1007	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck Without Roof, With Center Access (Landscape Structures® PlayBooster® 128980E)	18,465.28	1,088.27
11 68 13 00-1008	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck Without Roof, Without Center Access (Landscape Structures® PlayBooster® 128980F)	17,486.26	1,088.27
11 68 13 00-1009	EA	Square Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111228A)	1,202.17	60.46
11 68 13 00-1010	EA	Square Tenderdeck, Extension, Brown Only (Landscape Structures® PlayBooster® 111229A)	1,153.22	60.46
11 68 13 00-1011	EA	Square Tenderdeck, Corner, Brown Only (Landscape Structures® PlayBooster® 111230A)	1,120.58	60.46
11 68 13 00-1012	EA	Triangular Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111231A)	907.03	30.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1013	EA	Hexagon Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111232A)	3,392.94	151.15
11 68 13 00-1014	EA	Triangular Tenderdeck, Extension, Brown Only (Landscape Structures® PlayBooster® 119646A)	899.59	50.39
11 68 13 00-1015	EA	90 Degree Triangular Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 122197A)	964.14	30.23
11 68 13 00-1016	EA	Transfer Step, Brown Only (Landscape Structures® PlayBooster® 112471A)	680.02	60.46
11 68 13 00-1017	EA	24" Rise Kick Panel, 2-Color Permalene, With 2-Clamps (Landscape Structures® PlayBooster® 111525A)	548.77	50.39
11 68 13 00-1018	EA	32" Rise Kick Panel, 2-Color Permalene, With 2-Clamps (Landscape Structures® PlayBooster® 111525B)	679.31	50.39
11 68 13 00-1019	EA	To 32" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911A)	2,956.67	241.84
11 68 13 00-1020	EA	To 40" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911B)	3,348.28	241.84
11 68 13 00-1021	EA	To 48" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911C)	3,511.45	241.84
11 68 13 00-1022	EA	To 32" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912A)	3,266.69	241.84
11 68 13 00-1023	EA	To 40" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912B)	3,650.14	241.84
11 68 13 00-1024	EA	To 48" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912C)	3,788.84	241.84
11 68 13 00-1025	EA	Arch For 72" Deck (Landscape Structures® PlayBooster® 111406A)	1,724.31	60.46
11 68 13 00-1026	EA	Arch For 56" - 64" Deck (Landscape Structures® PlayBooster® 111406B)	1,667.20	60.46
11 68 13 00-1027	EA	Arch For 40" - 48" Deck (Landscape Structures® PlayBooster® 111406C)	1,601.93	60.46
11 68 13 00-1028	EA	Arch For 32" Deck (Landscape Structures® PlayBooster® 111406D)	1,585.62	60.46
11 68 13 00-1029	EA	Arch/Ground Level (Landscape Structures® PlayBooster® 111406E)	1,479.56	60.46
11 68 13 00-1030	EA	106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718J)	573.25	50.39
11 68 13 00-1031	EA	98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718K)	556.93	50.39
11 68 13 00-1032	EA	90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718L)	548.77	50.39
11 68 13 00-1033	EA	82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718M)	540.61	50.39
11 68 13 00-1034	EA	74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718N)	532.46	50.39
11 68 13 00-1035	EA	66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718O)	516.14	50.39
11 68 13 00-1036	EA	58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718P)	507.98	50.39
11 68 13 00-1037	EA	50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718Q)	499.82	50.39
11 68 13 00-1038	EA	42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718R)	483.50	50.39
11 68 13 00-1039	EA	106"/72" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405J)	540.61	50.39
11 68 13 00-1040	EA	98"/64" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405K)	532.46	50.39
11 68 13 00-1041	EA	90"/56" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405L)	516.14	50.39
11 68 13 00-1042	EA	82"/48" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405M)	507.98	50.39
11 68 13 00-1043	EA	74"/40" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405N)	499.82	50.39
11 68 13 00-1044	EA	66"/32" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405O)	483.50	50.39
11 68 13 00-1045	EA	58"/24" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405P)	475.35	50.39
11 68 13 00-1046	EA	50"/16" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405Q)	467.19	50.39
11 68 13 00-1047	EA	42"/8" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405R)	459.03	50.39
11 68 13 00-1048	EA	148"/72" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404M)	425.68	30.23
11 68 13 00-1049	EA	140"/64" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404N)	704.70	30.23
11 68 13 00-1050	EA	132"/56" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404O)	393.05	30.23
11 68 13 00-1051	EA	124"/48" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404P)	384.89	30.23
11 68 13 00-1052	EA	116"/40" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404Q)	376.73	30.23
11 68 13 00-1053	EA	108"/32" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404R)	368.57	30.23
11 68 13 00-1054	EA	100"/24" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404S)	352.25	30.23
11 68 13 00-1055	EA	92"/16" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404T)	327.78	30.23
11 68 13 00-1056	EA	84"/8" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404U)	311.46	30.23
11 68 13 00-1057	EA	76"/Ground Level, Posts For Decks (Landscape Structures® PlayBooster® 111404V)	303.30	30.23
11 68 13 00-1058	EA	156"/80" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404W)	482.79	30.23
11 68 13 00-1059	EA	182"/96" Deck (44" Bury), Posts For Decks (Landscape Structures® PlayBooster® 111404Z)	556.22	30.23
11 68 13 00-1060	EA	182"/72" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403K)	490.95	30.23
11 68 13 00-1061	EA	174"/64" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403L)	482.79	30.23
11 68 13 00-1062	EA	166"/56" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403M)	474.63	30.23
11 68 13 00-1063	EA	158"/48" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403N)	458.31	30.23
11 68 13 00-1064	EA	150"/40" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403O)	450.16	30.23
11 68 13 00-1065	EA	142"/32" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403P)	442.00	30.23
11 68 13 00-1066	EA	134"/24" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403Q)	433.84	30.23
11 68 13 00-1067	EA	126"/16" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403R)	425.68	30.23
11 68 13 00-1068	EA	118"/8" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403S)	401.21	30.23
11 68 13 00-1069	EA	110"/Ground Level, Posts For Roofs (Landscape Structures® PlayBooster® 111403T)	393.05	30.23
11 68 13 00-1070	EA	204"/48" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689A)	2,286.97	1,088.27
11 68 13 00-1071	EA	212"/56" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689B)	2,295.13	1,088.27
11 68 13 00-1072	EA	220"/64" - 72" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689C)	2,311.45	1,088.27
11 68 13 00-1073	EA	264"/64" - 72" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883A)	2,068.26	604.59
11 68 13 00-1074	EA	248"/48" - 56" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883B)	2,019.31	604.59
11 68 13 00-1075	EA	232"/32" - 40" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883C)	1,994.84	604.59
11 68 13 00-1076	EA	220"/16" - 24" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883D)	1,856.14	604.59
11 68 13 00-1077	EA	200"/Ground Level - 8" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883E)	1,823.51	604.59
11 68 13 00-1078	EA	Overhead Events Access/Landing Assembly Seat 8" Deck (Landscape Structures® PlayBooster® 141887A)	652.28	60.46
11 68 13 00-1079	EA	132" Aluminum Posts, End Vertical Ladder (For Use With Ring Bridges) (Landscape Structures® PlayBooster® 116208A)	1,686.38	120.91
11 68 13 00-1080	EA	Square Poly Roof, Without Logo Panels (Landscape Structures® PlayBooster® 118110B)	1,457.94	120.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1081	EA	84" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 120873B)	3,512.33	181.38
11 68 13 00-1082	EA	84" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 120873C)	3,671.76	181.38
11 68 13 00-1083	EA	123" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 121416B)	4,955.05	241.84
11 68 13 00-1084	EA	123" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 121416C)	4,629.16	241.84
11 68 13 00-1085	EA	106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718A)	655.55	60.46
11 68 13 00-1086	EA	98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718B)	631.07	60.46
11 68 13 00-1087	EA	90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718C)	606.60	60.46
11 68 13 00-1088	EA	82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718D)	598.44	60.46
11 68 13 00-1089	EA	74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718E)	531.74	30.23
11 68 13 00-1090	EA	66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718F)	515.42	30.23
11 68 13 00-1091	EA	58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718G)	490.95	30.23
11 68 13 00-1092	EA	50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718H)	482.79	30.23
11 68 13 00-1093	EA	42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718I)	474.63	30.23
11 68 13 00-1094	EA	Square Peak Tile Roof, Without Logo Panels (Landscape Structures® PlayBooster® 129816B)	1,621.11	120.91
11 68 13 00-1095	EA	32" Decks, Spring Across Bridge With 4 TenderTuff-coated Handloops (Landscape Structures® PlayBooster® 136156B)	5,282.90	241.84
11 68 13 00-1096	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 136157B)	4,955.05	241.84
11 68 13 00-1097	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 136157C)	5,115.16	241.84
11 68 13 00-1098	EA	Hexagon Tenderdeck, With Extension, Brown Only (Landscape Structures® PlayBooster® 154752A)	5,290.00	241.84
11 68 13 00-1099	EA	The Pinnacle Natural Climber (Landscape Structures® PlayBooster® 156066A)	24,615.93	725.52
11 68 13 00-1100	EA	The Pointe Natural Climber (Landscape Structures® PlayBooster® 156068A)	13,916.83	483.68
11 68 13 00-1101	EA	Natural Elements Climber Handholds, Extension Deck And Kick Panel Set, One Set Required Per Associated Deck (Landscape Structures® PlayBooster® 156070A)	1,226.64	60.46
11 68 13 00-1102	EA	Bridge With Guardrails And Curbs, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156230A)	4,365.23	181.38
11 68 13 00-1103	EA	Bridge With Guardrails, Without Curbs, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156230B)	3,924.67	181.38
11 68 13 00-1104	EA	Bridge With Barriers, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156231A)	5,102.36	241.84
11 68 13 00-1105	EA	Ramp With Guardrails And Curbs, 3-Handrails Per Side (Conforms To ASTM And TUV Standard) (Landscape Structures® PlayBooster® 156232A)	4,914.71	241.84
11 68 13 00-1106	EA	Ramp With Guardrails, Without Curbs, 3-Handrails Per Side, (Conforms To ASTM And TUV Standard) (Landscape Structures® PlayBooster® 156232B)	4,381.55	181.38
11 68 13 00-1107	EA	Ramp With Guardrails And Curbs, 2-Handrails Per Side (Conforms To CSA Standard) (Landscape Structures® PlayBooster® 156232C)	4,169.43	181.38
11 68 13 00-1108	EA	Ramp With Guardrails, Without Curbs, 2-Handrails Per Side, (Conforms To CSA Standard) (Landscape Structures® PlayBooster® 156232D)	3,728.87	181.38
11 68 13 00-1109	EA	Ramp With Barriers, Ramp Plank Brown Only (Landscape Structures® PlayBooster® 156233A)	6,024.27	241.84
11 68 13 00-1110	EA	16" Deck, Pod Climber With One Handhold Panel (Landscape Structures® PlayBooster® 156915A)	655.55	60.46
11 68 13 00-1111	EA	24" Deck, Pod Climber With One Handhold Panel (Landscape Structures® PlayBooster® 156916A)	973.73	60.46
11 68 13 00-1112	EA	24" Deck, Pod Climber With One Handhold Panel, And One Handloop (Landscape Structures® PlayBooster® 156916B)	1,079.79	60.46
11 68 13 00-1113	EA	32"-40" Deck, Pod Climber With Two Handhold Panels (Landscape Structures® PlayBooster® 157427A)	1,629.27	120.91
11 68 13 00-1114	EA	32"-40" Deck, Pod Climber With Two Handhold Panels, And One Handloop (Landscape Structures® PlayBooster® 157427B)	1,743.49	120.91
11 68 13 00-1115	EA	32"-40" Deck, Pod Climber With Two Handhold Panels, And One Handrail (Landscape Structures® PlayBooster® 157427C)	1,825.07	120.91
11 68 13 00-1116	EA	32"-40" Deck, Pod Climber With Two Handhold Panels, One Handloop And One Handrail (Landscape Structures® PlayBooster® 157427D)	1,914.81	120.91
11 68 13 00-1117	EA	Starburst Climber, 64" And 72" Decks, (Direct Bury Only) (Landscape Structures® PlayBooster® 158425A)	2,749.85	181.38
11 68 13 00-1118	EA	Ring-a-Bell Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 159459A)	1,743.49	120.91
11 68 13 00-1119	EA	Ring-a-Bell™ Panel For Learning Wall (Landscape Structures® PlayBooster® 159460A)	1,580.32	120.91
11 68 13 00-1120	EA	Stationary Cycler, Pedal Assembly, With Grab Bar, Without Post (Landscape Structures® PlayBooster® 160054A)	1,300.07	60.46
11 68 13 00-1121	EA	Stationary Cycler, Handle Assembly, Without Post (Landscape Structures® PlayBooster® 160054B)	1,014.52	60.46
11 68 13 00-1122	EA	Stationary Cycler, Pedals And Handles, Without Post (Landscape Structures® PlayBooster® 160054C)	1,914.81	120.91
11 68 13 00-1123	EA	Stationary Cycler, Handle Assembly, Accessible, Without Post (Landscape Structures® PlayBooster® 160054D)	1,014.52	60.46
11 68 13 00-1124	EA	(1) Aluminum Post Gyro Twister Spinners (Landscape Structures® PlayBooster® 160251A)	2,616.45	120.91
11 68 13 00-1125	EA	(1) Steel Post Gyro Twister Spinners (Landscape Structures® PlayBooster® 160251B)	2,591.97	120.91
11 68 13 00-1126	EA	The Peak Natural Climber, 40" Deck (Landscape Structures® PlayBooster® 160420A)	7,985.17	302.30
11 68 13 00-1127	EA	The Peak Natural Climber Connector, Connects Between 32" Deck And 40" Deck (Landscape Structures® PlayBooster® 160421A)	8,401.26	302.30
11 68 13 00-1128	EA	The Stepper Natural Climbing Stone, 24" Deck (Landscape Structures® PlayBooster® 160422A)	4,251.01	181.38
11 68 13 00-1129	EA	64" - 72" Decks, Escalator Climber With Single Barrier With Infill Permalene Panel (Landscape Structures® PlayBooster® 160693A)	4,996.30	241.84
11 68 13 00-1130	EA	Single Barrier Handhold Panel With Infill, Permalene, Panel Only (Landscape Structures® PlayBooster® 160694A)	745.29	60.46
11 68 13 00-1131	EA	Single Connector, 64" - 72" Decks, Escalator Climber Without Posts (Landscape Structures® PlayBooster® 160810A)	4,308.12	181.38
11 68 13 00-1132	EA	Double Connector, 64" - 72" Decks, Escalator Climber Without Posts (Landscape Structures® PlayBooster® 160811A)	8,507.32	302.30
11 68 13 00-1133	EA	RingTangle Climber, 24" - 48" Decks (Landscape Structures® PlayBooster® 164078A)	2,749.85	181.38
11 68 13 00-1134	EA	Bongo Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 164092A)	1,169.53	60.46
11 68 13 00-1135	EA	Bongo Panel For Learning Wall (Landscape Structures® PlayBooster® 164093A)	1,055.31	60.46
11 68 13 00-1136	EA	Wheelchair Accessible Bongo Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 164094A)	1,063.47	60.46
11 68 13 00-1137	EA	Rock-n-Ring Panel, Ground Level Panel (2 Color Permalene) (Landscape Structures® PlayBooster® 164145A)	2,371.69	120.91
11 68 13 00-1138	EA	Rock-n-Ring™ Panel For Learning Wall (Landscape Structures® PlayBooster® 164146A)	1,890.34	120.91
11 68 13 00-1139	EA	Bongo Reach Panel For Learning Wall (Landscape Structures® PlayBooster® 164147A)	990.05	60.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1140	EA	Wheelchair Accessible Ring-a-Bell Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 164148A)	1,153.22	60.46
11 68 13 00-1141	EA	Ring-a-Bell™ Reach Panel For Learning Wall (Landscape Structures® PlayBooster® 164149A)	1,079.79	60.46
11 68 13 00-1142		**Playground Equipment (Landscape Structures® Evos™)** *(11 68 13 00-0120)*		
11 68 13 00-1143	EA	Standard Age-Appropriate Welcome Sign, Ages 5 To 12 (Landscape Structures® Evos™ 158650A)	900.30	60.46
11 68 13 00-1144	EA	Customized Name On Age-Appropriate Welcome Sign, Ages 5 To 12 (Landscape Structures® Evos™ 158651A)	1,055.31	60.46
11 68 13 00-1145	EA	Slalom Glider (Direct Bury Only) (Landscape Structures® Evos™ 156456A)	4,030.73	181.38
11 68 13 00-1146	EA	Hang Glider (Direct Bury Only) (Landscape Structures® Evos™ 156465A)	3,108.82	181.38
11 68 13 00-1147	EA	Helix Net Climber (Direct Bury Only) (Landscape Structures® Evos™ 156449A)	7,301.58	171.30
11 68 13 00-1148	EA	Crescent Climber (Direct Bury Only) (Landscape Structures® Evos™ 156461A)	5,648.98	241.84
11 68 13 00-1149	EA	RingTangle Climber With Two E-Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156462A)	3,776.39	151.15
11 68 13 00-1150	EA	Web Link Climber (Direct Bury Only) (Landscape Structures® Evos™ 156912A)	7,791.80	181.38
11 68 13 00-1151	EA	Wobble Pod Bouncer (Direct Bury Only) (Landscape Structures® Evos™ 156452A)	1,841.39	120.91
11 68 13 00-1152	EA	Gyro Twister Spinner (Direct Bury Only) (Landscape Structures® Evos™ 156459A)	2,394.74	90.69
11 68 13 00-1153	EA	E-Pod Step (Landscape Structures® Evos™ 156454A)	376.01	20.15
11 68 13 00-1154	EA	Cycler With E-Pod Step (Direct Bury Only) (Landscape Structures® Evos™ 156467A)	1,691.68	60.46
11 68 13 00-1155	EA	8" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959A)	1,225.93	50.39
11 68 13 00-1156	EA	16" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959B)	1,234.09	50.39
11 68 13 00-1157	EA	24" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959C)	1,242.25	50.39
11 68 13 00-1158	EA	Swiggle Stix Bridge (Direct Bury Only) (Landscape Structures® Evos™ 156450A)	7,012.68	272.07
11 68 13 00-1159	EA	PodStomper Bridge (Direct Bury Only) (Landscape Structures® Evos™ 156464A)	7,228.87	181.38
11 68 13 00-1160	EA	ArcOver Ladder With Two E-Pod Steps, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 156457A)	3,163.07	120.91
11 68 13 00-1161	EA	Bow Ladder With Four E-Pod Steps, Overhead Events (Landscape Structures® Evos™ 156463A)	3,396.80	60.46
11 68 13 00-1162	EA	2-Arch Mainstructure With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 156436A)	29,674.20	725.52
11 68 13 00-1163	EA	3-Arch Mainstructure, Small (Landscape Structures® Evos™ 157106A)	33,460.60	1,088.27
11 68 13 00-1164	EA	Additional Small Arch For Mainstructure, #3 Only (Landscape Structures® Evos™ 156545A)	3,794.56	362.75
11 68 13 00-1165	EA	16" Pod, With Two E-Pod Steps, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 164156A)	1,719.01	120.91
11 68 13 00-1166	EA	24" Pod, With Two E-Pod Steps, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 164156B)	1,735.33	120.91
11 68 13 00-1167	EA	Ring-a-Bell Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 164150A)	1,153.22	60.46
11 68 13 00-1168	EA	Bongo Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 164095A)	1,063.47	60.46
11 68 13 00-1169	EA	Noodle Post, 1 Post Only (Direct Bury Only) (Landscape Structures® Evos™ 161774A)	908.46	60.46
11 68 13 00-1170	EA	Periscope Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161775A)	1,882.18	120.91
11 68 13 00-1171	EA	Match 3 Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161776A)	973.73	60.46
11 68 13 00-1172	EA	Chimes Reach Panel (Landscape Structures® Evos™ 161777A)	1,572.16	120.91
11 68 13 00-1173	EA	Trail Tracker Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161778A)	614.76	60.46
11 68 13 00-1174	EA	Navigator Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161779A)	843.19	60.46
11 68 13 00-1175	EA	Image Reach Panel, 75 Play Blocks (Landscape Structures® Evos™ 161780A)	1,087.95	60.46
11 68 13 00-1176	EA	Chatter Noodle Talk Tube Kit, Two Noodle Posts And Tubing (Direct Bury Only) (Landscape Structures® Evos™ 156453A)	2,543.02	120.91
11 68 13 00-1177	EA	Blender Spinner (Direct Bury Only) (Landscape Structures® Evos™ 156460A)	3,108.82	181.38
11 68 13 00-1178	EA	BalanceWinder Climber (Direct Bury Only) (Landscape Structures® Evos™ 160252A)	5,510.28	241.84
11 68 13 00-1179	EA	Overhead Explorer Parallel Bar, With (1) E-Pod Step, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 160253A)	2,265.63	120.91
11 68 13 00-1180	EA	Overhead Trekker Ladder, With (1) E-Pod Step, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 160254A)	2,469.59	120.91
11 68 13 00-1181	EA	3-Arch Mainstructure, Large With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 160356A)	33,933.79	1,088.27
11 68 13 00-1182	EA	4-Arch Mainstructure With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 160357A)	37,115.61	1,088.27
11 68 13 00-1183	EA	Additional Large Arch For Mainstructure, #4 Only (Landscape Structures® Evos™ 160358A)	3,949.15	181.38
11 68 13 00-1184	EA	Additional Arches For Mainstructure, #3 And #4 Only (Landscape Structures® Evos™ 160359A)	7,340.65	302.30
11 68 13 00-1185	EA	Power Lifter Chinning Bar (Landscape Structures® Evos™ 160208A)	1,759.80	120.91
11 68 13 00-1186	EA	Accessible Power Lifter Chinning Bar (Landscape Structures® Evos™ 160209A)	2,208.52	120.91
11 68 13 00-1187	EA	TwirlWind Turning Bar (Landscape Structures® Evos™ 160210A)	2,208.52	120.91
11 68 13 00-1188		**Playground Equipment (Landscape Structures® Weevos™)** *(11 68 13 00-0120)*		
11 68 13 00-1189	EA	Safety Sign, Weevos Welcome Sign, Ages 2 to 5, Direct Bury (Landscape Structures® Weevos™ 164529A)	900.30	60.46
11 68 13 00-1190	EA	ChitterChatter Noodle™ Talk Tube Kit (Landscape Structures® Weevos™ 164177A)	2,306.42	120.91
11 68 13 00-1191		**Playground Equipment (Landscape Structures® Parts)** *(11 68 13 00-0120)*		
11 68 13 00-1192	EA	52-9/16" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (8') (Landscape Structures® 160110A)	97.71	30.23
11 68 13 00-1193	EA	66-15/16" Long, TenderTuff-Coated Chain, Brown, Front Chain for Molded Bucket Seat (8') (Landscape Structures® 160112A)	102.60	30.23
11 68 13 00-1194	EA	Pivot Block Swing Hardware With Bearing For Molded Bucket Seat (Landscape Structures® 160307A)	96.08	30.23
11 68 13 00-1195	EA	Play It Safe Label, 2-5 Years (Landscape Structures® 156845A)	11.71	6.04
11 68 13 00-1196	EA	Play It Safe Label, 2-12 Years (Landscape Structures® 156846A)	11.71	6.04
11 68 13 00-1197	EA	Play It Safe Label, 5-12 Years (Landscape Structures® 156847A)	11.71	6.04
11 68 13 00-1198	EA	Play It Safe Label, 8-12 Years (Landscape Structures® 156848A)	11.71	6.04
11 68 13 00-1199	EA	D-Ring with Stainless Steel Bolt Link, Brown TenderTuff-coated Only (Landscape Structures® 130923A)	149.92	30.23
11 68 13 00-1200	EA	(2) Stainless Steel Double Clevis Swing Hardware With Bolts (Landscape Structures® 132634A)	77.26	12.09
11 68 13 00-1201	EA	(2) Stainless Steel Bolt Links Swing Hardware With Bolts For Use With TenderTuff-Coated Chain (Landscape Structures® 132635A)	47.89	12.09
11 68 13 00-1202	EA	(2) Stainless Steel Bolt Links Swing Hardware With Bolts And Chain Spacers For Use With Uncoated Chain (Landscape Structures® 132672A)	49.52	12.09
11 68 13 00-1203	EA	2-3/8" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 136065A)	98.62	15.12
11 68 13 00-1204	EA	3-1/2" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 136066A)	98.62	15.12
11 68 13 00-1205	EA	TenderTuff Repair Kit (Landscape Structures® 138717A)	10.61	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1206	EA	Anti-Wrap, 2-3/8" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 140739A)	129.62	15.12
11 68 13 00-1207	EA	(2) Aluminum Clevis Swing Hardware For Anti-Wrap Hanger With Bolts (Landscape Structures® 141267A)	82.15	12.09
11 68 13 00-1208	EA	65" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (8') (Landscape Structures® 141730A)	100.97	30.23
11 68 13 00-1209	EA	43-3/16" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (6') Toddler Swing (Landscape Structures® 141739A)	92.00	30.23
11 68 13 00-1210	EA	87-13/16" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (10') (Landscape Structures® 141766A)	123.82	30.23
11 68 13 00-1211	EA	29-7/8" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (6') Toddler Swing (Landscape Structures® 152016A)	87.92	30.23
11 68 13 00-1212	EA	49-13/16" Long, TenderTuff-Coated Chain, Brown, Tire Swing, Half-Bucket Seat (7') 2" Arch Swing (Landscape Structures® 152048A)	96.08	30.23
11 68 13 00-1213	EA	67-7/8" Long, TenderTuff-Coated Chain, Brown, Belt Seat (8'), Flat Seat (8') (Landscape Structures® 152050A)	104.24	30.23
11 68 13 00-1214	EA	76-7/16" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (10') (Landscape Structures® 152051A)	112.39	30.23
11 68 13 00-1215	EA	90-11/16" Long, TenderTuff-Coated Chain, Brown, Belt Seat (10'), Flat Seat (10'), 16" Deck Ascending Chain (Landscape Structures® 152052A)	128.71	30.23
11 68 13 00-1216	EA	37-1/2" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (7') 2" Arch Swing (Landscape Structures® 152053A)	90.37	30.23
11 68 13 00-1217	EA	121-1/16" Long, TenderTuff-Coated Chain, Brown, Rear Chain for Molded Bucket Seat (8') (Landscape Structures® 152067A)	148.29	30.23
11 68 13 00-1218	EA	Tire Swing Hanger, Stainless Steel, Excludes Chain, 1997 And Later (Landscape Structures® 121609A)	728.97	60.46
11 68 13 00-1219	EA	Twin Rim Basketball Goal And Chain Net (Landscape Structures® 100080A)	286.99	30.23
11 68 13 00-1220	EA	Twin Rim Basketball Goal And Nylon Net (Landscape Structures® 100081A)	278.83	30.23
11 68 13 00-1221	EA	Nylon Basketball Net (Landscape Structures® 100082A)	48.03	15.12
11 68 13 00-1222	EA	Chain Basketball Net (Landscape Structures® 100083A)	59.46	15.12
11 68 13 00-1223	EA	Basketball Frame Set Only, Moveable (Landscape Structures® 100099A)	1,300.07	60.46
11 68 13 00-1224	EA	Basketball Frame Set Only, Direct Bury (Landscape Structures® 100100A)	1,079.79	60.46
11 68 13 00-1225	EA	Warning Label (Landscape Structures® 115176A)	0.16	
11 68 13 00-1226	EA	PS Spare Parts Kit (Landscape Structures® 107040A)	55.48	
11 68 13 00-1227	EA	PB Spare Parts Kit (Landscape Structures® 107043A)	120.75	
11 68 13 00-1228	EA	Tire With Ring And Hardware, Excludes Chain (Landscape Structures® 107329A)	712.66	60.46
11 68 13 00-1229	EA	5" Swing Hanger Clamp Assembly, Complete, Excludes Chain (Landscape Structures® 111418A)	149.92	30.23
11 68 13 00-1230	EA	Tire Swing Hanger, Stainless Steel, Excludes Chain, 1996 And Prior (Landscape Structures® 116997A)	843.19	60.46
11 68 13 00-1231		Playground Equipment (Landscape Structures® Site Furniture) *(11 68 13 00-0120)*		
11 68 13 00-1232	EA	60" Recycled Contour Series Bench With Back, Surface Mount (Landscape Structures® 111640A)	1,408.27	110.85
11 68 13 00-1233	EA	60" Recycled Contour Series Bench Without Back, Surface Mount (Landscape Structures® 111640B)	730.40	90.69
11 68 13 00-1234	EA	60" Recycled Contour Series Bench With Back, Direct Bury (Landscape Structures® 111640C)	1,236.94	110.85
11 68 13 00-1235	EA	60" Recycled Contour Series Bench Without Back, Direct Bury (Landscape Structures® 111640D)	714.09	90.69
11 68 13 00-1236	EA	96" Recycled Contour Series Bench With Back, Surface Mount (Landscape Structures® 111640E)	2,020.16	110.85
11 68 13 00-1237	EA	96" Recycled Contour Series Bench Without Back, Surface Mount (Landscape Structures® 111640F)	950.68	90.69
11 68 13 00-1238	EA	96" Recycled Contour Series Bench With Back, Direct Bury (Landscape Structures® 111640G)	1,759.09	110.85
11 68 13 00-1239	EA	96" Recycled Contour Series Bench Without Back, Direct Bury (Landscape Structures® 111640H)	926.21	90.69
11 68 13 00-1240	EA	Optional Brown Dome, Litter Receptacle (Landscape Structures® 100095A)	346.95	90.69
11 68 13 00-1241	EA	32-Gallon Polyethylene Container, Litter Receptacle (Landscape Structures® 141682A)	213.15	90.69
11 68 13 00-1242	EA	Optional Cover for TenderTuff-Coated Litter Receptacle (Landscape Structures® 141686A)	259.75	80.62
11 68 13 00-1243	EA	Litter Receptacle With Recycled Polyethylene Slats and Liner, (Direct Bury Only) (Landscape Structures® 100094A)	885.41	90.69
11 68 13 00-1244	EA	Litter Receptacle With TenderTuff-Coated Panels and Liner, Direct Bury (Landscape Structures® 141685A)	762.31	80.62
11 68 13 00-1245	EA	Litter Receptacle With TenderTuff-Coated Panels and Liner, Surface Mount (Landscape Structures® 141685B)	762.31	80.62
11 68 13 00-1246	EA	Loop Rack, Direct Bury, Powdercoated (Landscape Structures® 100102A)	459.74	60.46
11 68 13 00-1247	EA	Loop Rack, Direct Bury, TenderTuff-Coated (Landscape Structures® 100102B)	680.02	60.46
11 68 13 00-1248	EA	60" Poly Picnic Table, (2) 60" Seats, Moveable (Landscape Structures® 113139A)	2,241.59	302.30
11 68 13 00-1249	EA	60" Poly Picnic Table, (1) 60" Seat (2) 14" Seats, Moveable (Landscape Structures® 113139B)	2,160.01	302.30
11 68 13 00-1250	EA	60" Poly Picnic Table, (4) 14" Seats, Moveable (Landscape Structures® 113139C)	2,045.79	302.30
11 68 13 00-1251	EA	84" Poly Picnic Table, (2) 60" Seats, Moveable (Landscape Structures® 113139D)	2,788.21	302.30
11 68 13 00-1252	EA	84" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Moveable (Landscape Structures® 113139E)	2,698.47	302.30
11 68 13 00-1253	EA	84" Poly Picnic Table, (4) 14" Seats, Moveable (Landscape Structures® 113139F)	2,576.09	302.30
11 68 13 00-1254	EA	60" Poly Picnic Table, (2) 60" Seats, Direct Bury (Landscape Structures® 113139G)	2,347.65	302.30
11 68 13 00-1255	EA	60" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Direct Bury (Landscape Structures® 113139H)	2,241.59	302.30
11 68 13 00-1256	EA	60" Poly Picnic Table, (4) 14" Seats, Direct Bury (Landscape Structures® 113139I)	2,127.37	302.30
11 68 13 00-1257	EA	84" Poly Picnic Table, (2) 60" Seats, Direct Bury (Landscape Structures® 113139J)	2,894.27	302.30
11 68 13 00-1258	EA	84" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Direct Bury (Landscape Structures® 113139K)	2,788.21	302.30
11 68 13 00-1259	EA	84" Poly Picnic Table, (4) 14" Seats, Direct Bury (Landscape Structures® 113139L)	2,657.67	302.30
11 68 13 00-1260	EA	70" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088A)	730.40	90.69
11 68 13 00-1261	EA	70" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088B)	803.83	90.69
11 68 13 00-1262	EA	94" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088C)	787.51	90.69
11 68 13 00-1263	EA	94" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088D)	860.94	90.69
11 68 13 00-1264	EA	70" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088E)	1,073.06	90.69
11 68 13 00-1265	EA	70" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088F)	999.63	90.69
11 68 13 00-1266	EA	94" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088G)	1,138.33	90.69
11 68 13 00-1267	EA	94" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088H)	1,064.90	90.69
11 68 13 00-1268	EA	Arm Rest, 1 Only, Fits All Benches With Back (Landscape Structures® 114767A)	150.83	20.15
11 68 13 00-1269	EA	72", TenderTuff-Coated Steel Bench With Back, Direct Bury (Landscape Structures® 141683A)	745.29	60.46
11 68 13 00-1270	EA	72", TenderTuff-Coated Steel Bench With Back, Surface Mount (Landscape Structures® 141683B)	761.61	60.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1271	EA	72", TenderTuff-Coated Steel Bench Without Back, Direct Bury (Landscape Structures® 141683C)	484.22	60.46
11 68 13 00-1272	EA	72", TenderTuff-Coated Steel Bench Without Back, Surface Mount (Landscape Structures® 141683D)	508.69	60.46
11 68 13 00-1273	EA	92", TenderTuff-Coated Steel Bench With Back, Direct Bury (Landscape Structures® 141683E)	761.61	60.46
11 68 13 00-1274	EA	92", TenderTuff-Coated Steel Bench With Back, Surface Mount (Landscape Structures® 141683F)	794.24	60.46
11 68 13 00-1275	EA	92", TenderTuff-Coated Steel Bench Without Back, Direct Bury (Landscape Structures® 141683G)	508.69	60.46
11 68 13 00-1276	EA	92", TenderTuff-Coated Steel Bench Without Back, Surface Mount (Landscape Structures® 141683H)	541.33	60.46
11 68 13 00-1277	EA	72" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684A)	1,749.21	241.84
11 68 13 00-1278	EA	72" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684B)	1,830.80	241.84
11 68 13 00-1279	EA	92" TenderTuff-Coated Picnic Table, (2) 92" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684C)	1,838.96	241.84
11 68 13 00-1280	EA	92" TenderTuff-Coated Picnic Table, (2) 92" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684D)	1,961.33	241.84
11 68 13 00-1281	EA	92" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684E)	1,798.16	241.84
11 68 13 00-1282	EA	92" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684F)	1,896.07	241.84
11 68 13 00-1283	EA	Square Picnic Table With 4 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345A)	1,666.49	50.39
11 68 13 00-1284	EA	Square Picnic Table With 3 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345B)	1,511.48	50.39
11 68 13 00-1285	EA	Square Picnic Table With 2 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345C)	1,380.94	50.39
11 68 13 00-1286	EA	Kish Valley Grill, (Direct Bury Only) (Landscape Structures® 100101A)	737.13	60.46
11 68 13 00-1287	EA	Loop Rack, Surface Mount, Powdercoated (Landscape Structures® 100102C)	631.07	60.46
11 68 13 00-1288	EA	Loop Rack, Surface Mount, TenderTuff-Coated (Landscape Structures® 100102D)	851.35	60.46

11 68 16 Play Structures *(11 68)*

11 68 16 00-0001 Playground Shade Structures *(11 68 16)*

Note: Shade Structures, Inc. dba USA Shade & Fabric Structures, exclude custom engineering, architect fees, site survey, temporary fencing, logos, post pads, special equipment (e.g. cranes for limited site access, hydro-excavation for high soil water table), soil removal from site, core drilling for concrete slab on grade, cutting of pavers or specialty finished surfaces including removal of tiles, alternate footing configuration due to site specific geotechanical report requirements, underground utility scan, moving or re-routing of underground utilities, and hard rock subsurface conditions.

11 68 16 00-0002 Single Ridge *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.

11 68 16 00-0003	EA	8' x 10' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	24,172.15
		For Powdura® Epoxy Primer Powder Coat, Add	*1,848.54*
11 68 16 00-0004	EA	10' x 10' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	24,219.70
		For Powdura® Epoxy Primer Powder Coat, Add	*1,851.51*
11 68 16 00-0005	EA	9' x 13' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	24,258.93
		For Powdura® Epoxy Primer Powder Coat, Add	*1,854.49*
11 68 16 00-0006	EA	10' x 12' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	25,594.73
		For Powdura® Epoxy Primer Powder Coat, Add	*1,956.93*
11 68 16 00-0007	EA	11' x 17' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	25,633.97
		For Powdura® Epoxy Primer Powder Coat, Add	*1,959.90*
11 68 16 00-0008	EA	10' x 18' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	25,800.40
		For Powdura® Epoxy Primer Powder Coat, Add	*1,972.98*
11 68 16 00-0009	EA	12' x 19' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	27,533.88
		For Powdura® Epoxy Primer Powder Coat, Add	*1,952.37*
11 68 16 00-0010	EA	10' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	27,850.88
		For Powdura® Epoxy Primer Powder Coat, Add	*1,974.57*
11 68 16 00-0011	EA	10' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	28,476.97
		For Powdura® Epoxy Primer Powder Coat, Add	*2,019.35*
11 68 16 00-0012	EA	14' x 17' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	31,175.47
		For Powdura® Epoxy Primer Powder Coat, Add	*2,210.76*
11 68 16 00-0013	EA	14' x 17' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	31,878.83
		For Powdura® Epoxy Primer Powder Coat, Add	*2,259.70*
11 68 16 00-0014	EA	12' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	31,121.97
		For Powdura® Epoxy Primer Powder Coat, Add	*2,206.60*
11 68 16 00-0015	EA	12' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	31,619.28
		For Powdura® Epoxy Primer Powder Coat, Add	*2,242.07*
11 68 16 00-0016	EA	15' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	31,121.97
		For Powdura® Epoxy Primer Powder Coat, Add	*2,206.60*
11 68 16 00-0017	EA	15' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	31,738.16
		For Powdura® Epoxy Primer Powder Coat, Add	*2,250.39*
11 68 16 00-0018	EA	17' x 19' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	31,619.28
		For Powdura® Epoxy Primer Powder Coat, Add	*2,242.07*
11 68 16 00-0019	EA	17' x 19' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	33,531.22
		For Powdura® Epoxy Primer Powder Coat, Add	*2,377.40*
11 68 16 00-0020	EA	18' x 18' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	28,891.05
		For Powdura® Epoxy Primer Powder Coat, Add	*2,048.87*
11 68 16 00-0021	EA	18' x 18' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	29,945.09
		For Powdura® Epoxy Primer Powder Coat, Add	*2,123.38*
11 68 16 00-0022	EA	18' x 19' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	29,079.27
		For Powdura® Epoxy Primer Powder Coat, Add	*2,061.75*
11 68 16 00-0023	EA	18' x 19' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	30,491.92
		For Powdura® Epoxy Primer Powder Coat, Add	*2,161.42*
11 68 16 00-0024	EA	18' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	29,370.52
		For Powdura® Epoxy Primer Powder Coat, Add	*2,082.56*
11 68 16 00-0025	EA	18' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	30,969.41
		For Powdura® Epoxy Primer Powder Coat, Add	*2,196.10*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 16 00-0026	EA	20' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	30,579.10	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,167.76*	
11 68 16 00-0027	EA	20' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	31,938.27	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,264.46*	
11 68 16 00-0028	EA	20' x 21' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	36,318.88	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,575.36*	
11 68 16 00-0029	EA	20' x 21' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	40,673.73	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,883.68*	
11 68 16 00-0030	EA	20' x 29' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	37,466.04	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,656.80*	
11 68 16 00-0031	EA	20' x 29' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	41,266.14	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,926.28*	
11 68 16 00-0032	EA	18' x 27' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	36,318.88	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,575.36*	
11 68 16 00-0033	EA	18' x 27' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	37,580.96	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,664.72*	
11 68 16 00-0034	EA	16' x 29' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	36,515.02	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,589.03*	
11 68 16 00-0035	EA	16' x 29' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	40,610.34	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,879.71*	
11 68 16 00-0036	EA	19' x 28' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	36,318.88	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,575.36*	
11 68 16 00-0037	EA	19' x 28' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	40,610.34	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,879.71*	
11 68 16 00-0038	EA	20' x 23' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	36,318.88	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,575.36*	
11 68 16 00-0039	EA	20' x 23' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	40,610.34	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,879.71*	
11 68 16 00-0040	EA	20' x 29' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	36,318.88	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,575.36*	
11 68 16 00-0041	EA	20' x 29' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	40,673.73	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,883.68*	
11 68 16 00-0042	EA	20' x 25' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	36,318.88	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,575.36*	
11 68 16 00-0043	EA	20' x 25' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	40,673.73	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,883.68*	
11 68 16 00-0044	EA	20' x 30' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	36,318.88	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,575.36*	
11 68 16 00-0045	EA	20' x 30' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	40,814.41	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,894.18*	
11 68 16 00-0046	EA	21' x 29' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	49,995.67	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,544.90*	
11 68 16 00-0047	EA	21' x 29' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	53,421.30	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,787.64*	
11 68 16 00-0048	EA	24' x 25' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	48,761.33	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,457.12*	
11 68 16 00-0049	EA	24' x 25' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	51,146.79	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,626.74*	
11 68 16 00-0050	EA	23' x 28' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	49,995.67	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,544.90*	
11 68 16 00-0051	EA	23' x 28' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	51,600.51	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,659.04*	
11 68 16 00-0052	EA	23' x 30' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	48,761.33	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,457.12*	
11 68 16 00-0053	EA	23' x 30' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	51,146.79	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,626.74*	
11 68 16 00-0054	EA	25' x 25' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	49,141.74	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,484.47*	
11 68 16 00-0055	EA	25' x 25' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	51,715.42	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,666.96*	
11 68 16 00-0056	EA	25' x 30' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	50,512.78	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,581.17*	
11 68 16 00-0057	EA	25' x 30' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	52,169.14	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,699.26*	
11 68 16 00-0058	EA	26' x 27' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	52,626.81	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,730.77*	
11 68 16 00-0059	EA	26' x 27' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	54,203.91	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,843.32*	
11 68 16 00-0060	EA	29' x 29' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	52,664.46	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,734.53*	
11 68 16 00-0061	EA	29' x 29' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	54,203.91	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,843.32*	
11 68 16 00-0062	EA	30' x 30' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	53,003.65	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,758.11*	
11 68 16 00-0063	EA	30' x 30' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	54,612.05	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,872.25*	
11 68 16 00-0064	EA	19' x 36' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	61,059.15	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,329.18*	
11 68 16 00-0065	EA	19' x 36' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	65,812.25	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,666.63*	
11 68 16 00-0066	EA	18' x 33' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	61,059.15	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,329.18*	
11 68 16 00-0067	EA	18' x 33' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	65,812.25	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,666.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 16 00-0068	EA	17' x 32' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	61,059.15	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,329.18*	
11 68 16 00-0069	EA	17' x 32' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	65,812.25	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,666.63*	
11 68 16 00-0070	EA	20' x 40' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	61,059.15	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,329.18*	
11 68 16 00-0071	EA	20' x 40' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	65,812.25	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,666.63*	
11 68 16 00-0072	EA	21' x 39' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	63,523.87	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,504.35*	
11 68 16 00-0073	EA	21' x 39' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	71,468.81	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,067.09*	
11 68 16 00-0074	EA	24' x 37' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	63,523.87	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,504.35*	
11 68 16 00-0075	EA	24' x 37' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	71,468.81	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,067.09*	
11 68 16 00-0076	EA	27' x 38' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	63,523.87	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,504.35*	
11 68 16 00-0077	EA	27' x 38' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	71,468.81	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,067.09*	
11 68 16 00-0078	EA	24' x 40' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	63,438.67	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,498.20*	
11 68 16 00-0079	EA	24' x 40' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	71,157.74	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,045.49*	
11 68 16 00-0080	EA	27' x 40' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	63,718.03	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,517.82*	
11 68 16 00-0081	EA	27' x 40' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	71,595.60	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,076.21*	
11 68 16 00-0082	EA	30' x 40' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	62,125.50	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,517.82*	
11 68 16 00-0083	EA	30' x 40' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	71,595.60	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,076.21*	

11 68 16 00-0084 Double Ridge *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.

11 68 16 00-0085	EA	20' x 40' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	58,884.54	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,502.36*	
11 68 16 00-0086	EA	20' x 40' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	61,002.58	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,664.25*	
11 68 16 00-0087	EA	20' x 60' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	84,673.84	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,474.35*	
11 68 16 00-0088	EA	20' x 60' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	88,220.02	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,746.02*	
11 68 16 00-0089	EA	26' x 48' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	88,883.76	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,796.35*	
11 68 16 00-0090	EA	25' x 50' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	86,575.91	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,619.99*	
11 68 16 00-0091	EA	25' x 50' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	88,883.76	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,796.35*	
11 68 16 00-0092	EA	25' x 60' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	86,575.91	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,619.99*	
11 68 16 00-0093	EA	25' x 60' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	88,883.76	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,796.35*	
11 68 16 00-0094	EA	27' x 38' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	62,481.04	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,777.40*	
11 68 16 00-0095	EA	27' x 38' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	68,854.96	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,265.04*	
11 68 16 00-0096	EA	30' x 40' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	62,481.04	
		For Powdura® Epoxy Primer Powder Coat, Add	*4,777.40*	
11 68 16 00-0097	EA	30' x 40' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	68,854.96	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,265.04*	
11 68 16 00-0098	EA	26' x 47' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	87,102.95	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,660.22*	
11 68 16 00-0099	EA	26' x 47' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	89,466.66	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,841.33*	
11 68 16 00-0100	EA	30' x 50' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	87,102.95	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,660.22*	
11 68 16 00-0101	EA	30' x 50' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	89,466.66	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,841.33*	
11 68 16 00-0102	EA	28' x 53' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	94,005.88	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,188.29*	
11 68 16 00-0103	EA	28' x 53' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	97,481.13	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,453.81*	
11 68 16 00-0104	EA	29' x 58' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	92,293.62	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,057.11*	
11 68 16 00-0105	EA	29' x 58' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	97,481.13	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,453.81*	
11 68 16 00-0106	EA	30' x 60' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	92,293.62	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,057.11*	
11 68 16 00-0107	EA	30' x 60' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	97,481.13	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,453.81*	
11 68 16 00-0108	EA	27' x 74' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	135,813.80	
		For Powdura® Epoxy Primer Powder Coat, Add	*10,385.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 16 00-0109	EA	28' x 59' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	97,481.13	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,453.81*	
11 68 16 00-0110	EA	20' x 80' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	139,562.05	
		For Powdura® Epoxy Primer Powder Coat, Add	*10,671.57*	
11 68 16 00-0111	EA	30' x 80' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	142,552.29	
		For Powdura® Epoxy Primer Powder Coat, Add	*10,900.23*	
11 68 16 00-0112		**Interconnected Quad Lineal Ridge** *(11 68 16 00-0001)*		
		Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0113	EA	30' x 160' Quad-Lineal Ridge Shade Structure, 12' Opening Height, 10 Posts	265,234.97	
		For Powdura® Epoxy Primer Powder Coat, Add	*21,109.51*	
11 68 16 00-0114		**Quad Ridge** *(11 68 16 00-0001)*		
		Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0115	EA	36' x 36' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	83,625.73	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,394.50*	
11 68 16 00-0116	EA	34' x 39' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	91,839.90	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,022.44*	
11 68 16 00-0117	EA	34' x 39' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	94,041.15	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,190.86*	
11 68 16 00-0118	EA	40' x 40' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	98,931.45	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,564.97*	
11 68 16 00-0119	EA	40' x 40' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	104,235.46	
		For Powdura® Epoxy Primer Powder Coat, Add	*7,970.58*	
11 68 16 00-0120	EA	36' x 54' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	109,004.50	
		For Powdura® Epoxy Primer Powder Coat, Add	*8,335.18*	
11 68 16 00-0121	EA	36' x 54' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	117,002.72	
		For Powdura® Epoxy Primer Powder Coat, Add	*8,946.87*	
11 68 16 00-0122	EA	38' x 55' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	106,211.26	
		For Powdura® Epoxy Primer Powder Coat, Add	*8,351.63*	
11 68 16 00-0123	EA	38' x 55' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	117,002.72	
		For Powdura® Epoxy Primer Powder Coat, Add	*8,946.87*	
11 68 16 00-0124	EA	40' x 50' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	109,004.50	
		For Powdura® Epoxy Primer Powder Coat, Add	*8,335.18*	
11 68 16 00-0125	EA	40' x 50' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	117,002.72	
		For Powdura® Epoxy Primer Powder Coat, Add	*8,946.87*	
11 68 16 00-0126	EA	40' x 60' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	118,122.16	
		For Powdura® Epoxy Primer Powder Coat, Add	*9,032.07*	
11 68 16 00-0127	EA	40' x 60' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	126,200.41	
		For Powdura® Epoxy Primer Powder Coat, Add	*9,650.10*	
11 68 16 00-0128	EA	50' x 50' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	160,879.51	
		For Powdura® Epoxy Primer Powder Coat, Add	*12,301.55*	
11 68 16 00-0129	EA	50' x 50' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	167,192.00	
		For Powdura® Epoxy Primer Powder Coat, Add	*12,784.84*	
11 68 16 00-0130	EA	50' x 60' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	166,413.36	
		For Powdura® Epoxy Primer Powder Coat, Add	*12,724.80*	
11 68 16 00-0131	EA	50' x 60' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	165,394.77	
		For Powdura® Epoxy Primer Powder Coat, Add	*13,005.38*	
11 68 16 00-0132	EA	56' x 59' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	170,802.14	
		For Powdura® Epoxy Primer Powder Coat, Add	*13,104.85*	
11 68 16 00-0133	EA	56' x 59' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	177,815.77	
		For Powdura® Epoxy Primer Powder Coat, Add	*13,675.12*	
11 68 16 00-0134	EA	60' x 60' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	171,453.42	
		For Powdura® Epoxy Primer Powder Coat, Add	*13,104.85*	
11 68 16 00-0135	EA	60' x 60' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	178,840.21	
		For Powdura® Epoxy Primer Powder Coat, Add	*13,675.12*	
11 68 16 00-0136		**Peak-Roof Triangle** *(11 68 16 00-0001)*		
		Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0137	EA	30' Peak-Roof Triangle Shade Structure, 12' Opening Height, 3 Posts	45,797.90	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,502.10*	
11 68 16 00-0138		**Peak-Roof Hexagon** *(11 68 16 00-0001)*		
		Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0139	EA	38' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 6 Posts	80,445.70	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,151.37*	
11 68 16 00-0140	EA	40' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 6 Posts	83,865.47	
		For Powdura® Epoxy Primer Powder Coat, Add	*6,413.13*	
11 68 16 00-0141	EA	50' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 7 Posts	139,893.32	
		For Powdura® Epoxy Primer Powder Coat, Add	*10,696.73*	
11 68 16 00-0142	EA	52' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 7 Posts	144,792.74	
		For Powdura® Epoxy Primer Powder Coat, Add	*11,071.63*	
11 68 16 00-0143	EA	55' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 7 Posts	148,405.10	
		For Powdura® Epoxy Primer Powder Coat, Add	*11,348.25*	
11 68 16 00-0144	EA	60' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 7 Posts	152,867.06	
		For Powdura® Epoxy Primer Powder Coat, Add	*11,689.27*	
11 68 16 00-0145		**Free-Form Tri-Sail** *(11 68 16 00-0001)*		
		Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 16 00-0146	EA	18' Single Free-Form Tri-Sail Shade Structure, 10' And 14' Opening Height, 3 Posts	32,432.29	
		For Powdura® Epoxy Primer Powder Coat, Add	*2,480.24*	
11 68 16 00-0147	EA	18' Double Free-Form Tri-Sail Shade Structure, 10' And 14' Opening Height, 4 Posts	43,188.89	
		For Powdura® Epoxy Primer Powder Coat, Add	*3,302.76*	
11 68 16 00-0148	EA	18' Triple Free-Form Tri-Sail Shade Structure, 10' And 14' Opening Height, 5 Posts	67,075.34	
		For Powdura® Epoxy Primer Powder Coat, Add	*5,128.92*	
11 68 16 00-0149	EA	30' Double Free-Form Tri-Sail Shade Structure, 14' Opening Height, 5 Posts	97,839.72	

11 68 16 00-0150 Free-Form Hypar *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.

11 68 16 00-0151	EA	20' x 20' Single 4-Point Sail Shade Structure, Free-Form Hypar, 14' Opening Height, 4 Posts	48,037.19	
11 68 16 00-0152	EA	20' x 40' Double 4-Point Sail Shade Structure, Free-Form Hypar, 14' Opening Height, 6 Posts	60,293.66	
11 68 16 00-0153	EA	30' x 30' Single 4-Point Sail Shade Structure, Free-Form Hypar, 14' Opening Height, 4 Posts	65,930.13	
11 68 16 00-0154	EA	30' x 60' Double 4-Point Sail Shade Structure, Free-Form Hypar, 14' Opening Height, 6 Posts	80,281.26	

11 68 16 00-0155 Mariners *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.

11 68 16 00-0156	EA	30' x 30' Single Mariner Shade Structure, 10' Opening Height, 4 Posts	58,104.30	
11 68 16 00-0157	EA	30' x 30' Single Mariner Shade Structure, 12' Opening Height, 4 Posts	63,927.40	
11 68 16 00-0158	EA	30' x 60' Mariner Peak Joined Shade Structure, 10' Opening Height, 6 Posts	85,064.19	
11 68 16 00-0159	EA	30' x 60' Mariner Peak Joined Shade Structure, 12' Opening Height, 6 Posts	90,605.94	
11 68 16 00-0160	EA	60' x 60' Mariner Peak Quad Shade Structure, 10' Opening Height, 9 Posts	130,908.03	
11 68 16 00-0161	EA	60' x 60' Mariner Peak Quad Shade Structure, 12' Opening Height, 9 Posts	134,634.51	

11 68 16 00-0162 Single Post Pyramid *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.

11 68 16 00-0163	EA	14' x 14' Single Post Pyramid Shade Structure, 10' Opening Height, 1 Post	20,034.75	
11 68 16 00-0164	EA	14' x 14' Single Post Pyramid Shade Structure, 12' Opening Height, 1 Post	20,579.61	

11 68 16 00-0165 Tri-Truss Cantilevers *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.

11 68 16 00-0166	EA	20' x 30' Tri-Truss Rigid Single Wide Shade Structure, 10' Opening Height, 2 Posts	72,072.23	
11 68 16 00-0167	EA	20' x 30' Tri-Truss Rigid Single Wide Shade Structure, 12' Opening Height, 2 Posts	76,240.93	
11 68 16 00-0168	EA	30' x 40' Tri-Truss Rigid Single Wide Joined Shade Structure, 10' Opening Height, 3 Posts	107,589.45	
11 68 16 00-0169	EA	30' x 40' Tri-Truss Rigid Single Wide Joined Shade Structure, 12' Opening Height, 3 Posts	110,133.86	

11 68 16 00-0170 Full Cantilevers *(11 68 16 00-0001)*

Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.

11 68 16 00-0171	EA	20' x 30' Full Cantilever Rigid Single Shade Structure, 10' Opening Height, 2 Posts	64,396.98	
11 68 16 00-0172	EA	20' x 60' Full Cantilever Rigid Joined Shade Structure, 12' Opening Height, 3 Posts	96,438.95	

11 68 16 00-0173 Hip Roof *(11 68 16 00-0001)*

Note: Outdoor weatherproof fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.

11 68 16 00-0174	EA	20' x 30' Single Rigid Hip Roof Shade Structure, 20 LB Snowload, 10' Opening Height, 4 Posts	43,923.96	
11 68 16 00-0175	EA	20' x 30' Single Rigid Hip Roof Shade Structure, 20 LB Snowload, 12' Opening Height, 4 Posts	49,203.79	

11 68 16 00-0176 Hip Roof *(11 68 16 00-0001)*

Note: Outdoor weatherproof fabric structure (Specified Fabric PVC).

11 68 16 00-0177	EA	30' x 30' Weather Protector Hip Roof Shade Structure, 10' Opening Height, 4 Posts	94,152.51	
11 68 16 00-0178	EA	30' x 30' Weather Protector Hip Roof Shade Structure, 12' Opening Height, 4 Posts	101,383.96	
11 68 16 00-0179	EA	30' x 60' Weather Protector Joined Hip Roof Shade Structure, 10' Opening Height, 6 Posts	177,463.19	
11 68 16 00-0180	EA	30' x 60' Weather Protector Joined Hip Roof Shade Structure, 12' Opening Height, 6 Posts	187,601.23	

11 68 16 00-0181 Additional Items *(11 68 16 00-0001)*

11 68 16 00-0182	EA	Concrete Cutting for Playground Shade Structure, Per Core	227.86	
11 68 16 00-0183	HR	Overtime Wage For Playground Shade Structure, Per Man Hour (First Shift)	107.00	
11 68 16 00-0184	HR	Overtime Wage Or "Late Start" Shift For Playground Shade Structure, Per Man Hour (Second Shift)	131.00	
11 68 16 00-0185	EA	Intumescent Paint Per Column	3,656.48	

11 68 23 Exterior Court Athletic Equipment *(11 68)*

11 68 23 13 Exterior Basketball Equipment *(11 68 23)*

11 68 23 13-0001 Basketball Systems *(11 68 23 13)*

See CSI section 32 31 13 13-0001 for auguring holes and concrete.

11 68 23 13-0002	EA	4-1/2" Bent Post Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Steel Net Basketball System	2,239.95	230.40
		Note: Sportsplay 541-616.		
11 68 23 13-0003	EA	5-9/16" Bent Post Galvanized Steel Pole With 6' Extension Style, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System	4,059.98	253.43
		Note: Porter Athletic 176-234.		
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 23 13-0004	EA	4-1/2" Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System	2,589.24	230.40
		Note: Porter Athletic 164-234.		
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	
11 68 23 13-0005	EA	4-1/2" Galvanized Steel Pole With 6' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System	4,059.98	253.43
		Note: Porter Athletic 166-234.		
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	
11 68 23 13-0006	EA	Back To Back 6" Galvanized Steel Pole With 5' Extensions, Aluminum Backboards, Double Rim Goals And Nylon Net Double Basketball System (Porter Athletic 195582)	7,314.03	372.70
		For Fan Shaped Fiberglass Backboard, Deduct	*-498.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*700.00*	
11 68 23 13-0007		Basketball Components *(11 68 23 13)*		
		See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
11 68 23 13-0008	EA	Nylon Cord Basketball Net (Porter Athletic 09608120)	32.39	8.99
11 68 23 13-0009	EA	Chain Basketball Net (Porter Athletic 00161000)	57.79	8.99
11 68 23 13-0010	EA	Heavy Duty Goal Ring (Porter Athletic 00235000)	132.52	44.96
11 68 23 13-0011	EA	Goal Ring For Steel Net (Porter Athletic 00251H00)	240.75	20.24
11 68 23 13-0012	EA	42" x 72" Rectangular Fully Tempered Glass Basketball Backboard With Steel Frame (Porter Athletic 00204-000) Note: Includes perimeter and target markings. Excludes pole and goal.	1,395.05	38.22
11 68 23 13-0013	EA	42" x 72" Rectangular 11 Gauge Perforated Steel Basketball Backboard (Porter Athletic 01207-300) Note: Includes perimeter and target markings. Excludes pole and goal.	1,793.14	38.22
11 68 23 13-0014	EA	54" x 39" Fan Shaped Cast Aluminum Basketball Backboard (Porter Athletic 00234-300) Note: Includes perimeter and target markings. Excludes pole and goal.	913.32	33.72
11 68 23 13-0015	EA	54" x 39" Fan Shaped Fiberglass Basketball Backboard (Porter Athletic 00267-000) Note: Includes perimeter and target markings. Excludes pole and goal.	999.23	33.72
11 68 23 33		**Tennis Equipment** *(11 68 23)*		
11 68 23 33-0001		Tennis Court Net Posts *(11 68 23 33)*		
11 68 23 33-0002	PR	Round, Powder Coated Steel, Tennis Court Net Posts With External Winder	1,111.08	152.90
11 68 23 33-0003	PR	Round, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder	1,407.49	152.90
11 68 23 33-0004	PR	Square, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder	1,456.89	152.90
11 68 23 33-0005	PR	Round, Powder Coated Aluminum, Tennis Court Net Posts With External Winder	1,542.32	152.90
11 68 23 33-0006	PR	Round, Powder Coated Aluminum, Tennis Court Net Posts With Internal Winder	1,846.50	152.90
11 68 23 33-0007	PR	Polyvinyl Chloride (PVC) Ground Sleeves For Tennis Court Net Posts	276.21	
11 68 23 33-0008	PR	Galvanized Steel Ground Sleeves For Tennis Court Net Posts	313.14	
11 68 23 33-0009		Tennis Court Nets *(11 68 23 33)*		
11 68 23 33-0010	EA	42' Length, Single Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net	598.20	151.10
11 68 23 33-0011	EA	42' Length, Double Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net	657.14	151.10
11 68 23 33-0012	EA	42' Length, Anti-Vandal, Aluminum Coated Flexible Steel Mesh, Tennis Court Net	1,422.50	232.50
11 68 23 33-0013	EA	Galvanized Steel Anchor For Tennis Court Net Center Strap	77.40	
11 68 33		**Athletic Field Equipment** *(11 68)*		
11 68 33 13		**Football Field Equipment** *(11 68 33)*		
11 68 33 13-0001		Football Goal Posts *(11 68 33 13)*		
		Note: Includes augering for post(s), set in concrete and backfill.		
11 68 33 13-0002	PR	Double Steel Football Goal Posts, "H Shape"	5,310.88	404.64
11 68 33 13-0003	PR	Vertical Style Goal Post, Single In Ground Mounting, Steel With 20' Uprights	7,411.66	545.22
11 68 33 13-0004	PR	Gooseneck (Offset) Style Goal Post, Single In Ground Mounting, Steel, With 20' Uprights	8,849.02	654.27
11 68 33 23		**Soccer and Field Hockey Equipment** *(11 68 33)*		
11 68 33 23-0001		Soccer Goal Posts *(11 68 33 23)*		
		Note: Includes augering for post(s), set in concrete and backfill.		
11 68 33 23-0002	PR	Regulation Soccer Goal Posts	4,712.08	269.83
11 68 33 23-0003	PR	Combination Football/Soccer Goal Post	5,664.01	404.64
11 68 33 33		**Baseball Field Equipment** *(11 68 33)*		
11 68 33 33-0001		Bases *(11 68 33 33)*		
11 68 33 33-0002	SET	Bases For Baseball Or Softball	570.26	

11 70 Healthcare Equipment *(11)*

11 71 Medical Sterilizing Equipment *(11 70)*

11 71 00 00-0001 Steam Sterilizers *(11 71)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 71 00 00-0002	EA	6 Full-Size Cassette Capacity, 120 Instruments In 40 Minutes Start-To-Dry, Automated Instrument Washing Sterilizer (SciCan HYDRIM® C61w G4)	9,146.84	119.32
		Note: Water consumption per cycle = Regular Wash + Dry: 26 mins + 10 mins, Heavy Duty Wash + Dry: 30 mins + 10 mins, Rinse and Hold: 5 mins.		
11 71 00 00-0003	EA	23.6" Length x 16.1" Width x 7.5" Height, Cycle Time 9 Minutes Unwrapped, 17.5 Minutes Wrapped, 3.5" Touchscreen, Fresh Steam Distilled Water, Autoclave Sterilizer (SciCan STATIM® 5000 G4)	10,022.44	20.23
11 71 00 00-0004	EA	19.5" Length x 16.25" Width x 6" Height, Cycle Time 6 Minutes Unwrapped, 14 Minutes Wrapped, Fresh Clean Distilled Water For Each Cycle, Autoclave Sterilizer (SciCan STATIM® 2000 G4)	8,295.77	20.23
11 71 00 00-0005	EA	Ultra-fast 35 Minute Cycle Start To Dry, Autoclave Sterilizer (SciCan Bravo W#AJP00B0000)	10,613.54	20.23
11 71 00 00-0006	EA	Ultra-fast 28 Minute Cycle Start To Dry, Tabletop Autoclave Sterilizer (SciCan Bravo MA320011)	12,861.39	20.23
11 71 00 00-0007		Steam Generator *(11 71)*		
11 71 00 00-0008	EA	Steam Generator, Electric 10 KW To 180 KW	139,023.83	1,084.55

11 72 Examination and Treatment Equipment *(11 70)*

11 72 13 Examination Equipment *(11 72)*

11 72 13 00-0001		Wall Mounted Medical Furnishings *(11 72 13)*		
11 72 13 00-0002	EA	20" Wide, 15" High, 3" Deep, Aluminum Wall Mounted Folding Medical Desk	458.31	37.68
11 72 13 00-0003	EA	20" Wide, 15" High, 3" Deep, Painted Steel Wall Mounted Folding Medical Desk	479.14	37.68
11 72 13 00-0004	EA	20" Wide, 15" High, 3" Deep, Stainless Steel Wall Mounted Folding Medical Desk	541.56	37.68
11 72 13 00-0005	EA	10" Wide, 11" High, 5-3/4" Deep, Stainless Steel Wall Mounted Double Glove Box Holder	201.91	37.68
11 72 13 00-0006	EA	10" Wide, 11" High, 5-3/4" Deep, Stainless Steel Wall Mounted Quad Glove Box Holder	245.20	37.68
11 72 13 00-0007	EA	13-1/2" Wide, 10" High, 3-1/2" Deep, Locking Stainless Steel Wall Mounted Specimen Cup Retrieval Box	608.17	37.68
11 72 13 00-0008	EA	12" Wide, 12" High, 5-1/4" Deep, Stainless Steel Wall Mounted Bedpan Storage Rack	175.25	37.68
11 72 13 00-0009	EA	28" Wide, 12" High, 5-1/4" Deep, Stainless Steel Wall Mounted Double Bedpan Storage Rack	236.89	40.19
11 72 13 00-0010	EA	12" Wide, 24" High, 5-1/4" Deep, Stainless Steel Wall Mounted Vertical Double Bedpan Storage Rack	221.90	40.19
11 72 13 00-0011	EA	12-1/4" Wide, 8" High, 4-3/4" Deep, Acrylic Infection Prevention Station	183.59	37.68
		Note: Space for sanitizer, disposable masks, tissues		
11 72 13 00-0012	EA	11-1/2" Wide, 12" High, 6" Deep, Lockable Two Sides Heavy Duty Stainless Steel Narcotics Cabinet	866.40	50.24
11 72 13 00-0013	EA	11-1/2" Wide, 12" High, 6" Deep, Heavy Duty Stainless Steel Narcotics Cabinet	866.40	50.24
11 72 13 00-0014	EA	11-1/2" Wide, 12" High, 6" Deep, Lockable One Side, Heavy Duty Stainless Steel Pass-Thru Narcotics Cabinet	866.40	50.24
11 72 13 00-0015	EA	15-1/2" Wide, 6" High, 6" Deep, Acrylic Suture Rack - Single Tier - 6 Box Capacity	165.11	25.12
11 72 13 00-0016	EA	15-1/2" Wide, 12-1/4" High, 6" Deep, Acrylic Suture Rack - Single Tier - 12 Box Capacity	205.11	27.63
11 72 13 00-0017	EA	15-1/2" Wide, 18" High, 6" Deep, Acrylic Suture Rack - Single Tier - 18 Box Capacity	293.38	30.15
11 72 13 00-0018		Diagnostic Wall Board *(11 72 13)*		
11 72 13 00-0019	EA	Diagnostic Wall Board With Macroview Otoscope, Coaxial Ophthalmoscope And Wall Transformer (Welch Allyn 77792-MNOBP)	1,820.10	50.24
11 72 13 00-0020	EA	Diagnostic Wall Board with Macroview Otoscope, Coaxial Ophthalmoscope, Aneroid BP And Wall Transformer (Welch Allyn 77792-M)	2,046.55	50.24
11 72 13 00-0021	EA	Diagnostic Wall Board with Macroview Otoscope, Coaxial Ophthalmoscope, Aneroid BP, Thermometry And Wall Transformer (Welch Allyn 77791-MX)	2,528.95	50.24
11 72 13 00-0022	EA	Diagnostic Wall Board with Macroview Otoscope, Coaxial Ophthalmoscope, Aneroid BP, Thermometry, Throat Illuminator And Wall Transformer (Welch Allyn 77795-MX)	2,738.62	50.24
11 72 13 00-0023		Sharps Containers *(11 72 13)*		
11 72 13 00-0024	EA	3 Quart, Wall Mounted, Disposable Sharps Containers	268.94	
		Note: The rotating cylinder top permits convenient, one-handed disposal of sharps. The rotating lid automatically drops needles and syringes in a horizontal position to maximize capacity. Lid remains closed when not in use. A built-in needle key permits the safe removal of needles when necessary.		
11 72 13 00-0025	EA	2 Gallon, Wall Mounted, Disposable Sharps Containers	347.10	
		Note: Provides open access for disposal of a variety of shapes and sizes of sharps, (i.e. needles and syringes, vials, test tubes, and glass slides). The lid features a needle key for the safe removal of needles.		
11 72 13 00-0026	EA	3 Gallon, Wall Mounted, Disposable Sharps Containers	307.15	
		Note: Has a dual-purpose lid, which allows the container to remain open for code situations or in a free-fall position for normal, one-handed operation. Lid features a needle key for safe removal of needles when necessary.		
11 72 13 00-0027	EA	1 Quart, Wall Mounted, Disposable Phlebotomy Container	493.05	
		Note: Has an opening to safely place the blood tube holder with needle while attending a patient Once full, the lids can be locked, & the container is ready for safe disposal One-quart capacity, is puncture resistant, fully disposable, may be autoclaved or incinerated for final disposal.		
11 72 13 00-0028	EA	5 Quart, Wall Mounted, Locking Sharps Disposal Cabinet	131.73	25.12
11 72 13 00-0029	EA	5 Quart, Wall Mounted, Combination Sharps Disposal And Glove Box Container	120.71	25.12
11 72 13 00-0030		Exam Room Supplies *(11 72 13)*		
11 72 13 00-0031	EA	Wire Glove Dispenser Box Holders, 3-1/2" x 10.4" x 12", Wall Mounted (Medline MDS193094)	49.93	
11 72 13 00-0032	EA	Wire Glove Dispenser Box Holders, 3-1/2" x 10.4" x 8", Wall Mounted (Medline MDS192094B)	51.04	
11 72 13 00-0033	EA	Wire Glove Dispenser Box Holders, 3-1/2" x 10.4" x 4", Wall Mounted (Medline MDS191094)	40.50	
11 72 13 00-0034		Accessories *(11 72 13)*		
11 72 13 00-0035		Miscellaneous *(11 72 13 00-0034)*		
11 72 13 00-0036	EA	Medical Air Compressor, Medical/Hospital Gas Systems (Allied Healthcare AHC-TE20)	5,045.16	
11 72 13 00-0037	EA	Air Flow Meter, Medical/Hospital Gas Systems (Allied Healthcare AHC-TB20)	206.20	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 72 13 00-0038		**Medical Warming Cabinets** *(11 72 13)*		
11 72 13 00-0039	EA	9.02 CF, Warming Cabinet With Single Glass Door (Blickman 7922TG)	8,796.00	59.70
11 72 13 00-0040	EA	22.02 CF, Warming Cabinet With Single Stainless Steel Door (Blickman 791TS)	10,700.84	59.70
11 72 13 00-0041		**Surgical Tables** *(11 72 13)*		
11 72 13 00-0042	EA	79" Length x 20" Width, 1,000 Lbs. Weight Capacity, Self-leveling, Four Point Brake System, Manually-operated Head Section, General Surgical Table (Skytron 3500HD)	22,717.16	119.32
11 72 13 00-0043	EA	81.6" Length x 20" Width, 1,200 Lbs. Weight Capacity, 600 Lbs. Full Articulation, Reverse Orientation, General Surgical Table (Steris Amsco 5085 5085)	57,683.64	119.32
11 72 13 00-0044	EA	87.165" Length x 27.5" Width, 400 Lbs. Anatomic Position Weight Capacity, 300 Lbs. Reverse Orientation, OrthoVision Surgical Table (Steris Amsco OrthoVision)	21,052.10	119.32
11 72 13 00-0045	EA	79" Length x 19.75" Width, 1,000 Lbs. Articulate Capacity, 1,200 Lbs. Lift Capacity, AC Or Battery Power Operation, General Surgical Table (Skytron 6701)	41,857.14	119.32
11 72 13 00-0046		**Examination Tables** *(11 72 13)*		
11 72 13 00-0047	EA	58" Length x 28-1/2" Width x 31" Height, 400 Lbs., Plywood And Laminate Frame, Family Practice Exam Table (Clinton 8870)	1,850.75	89.51
11 72 13 00-0048	EA	72" Length x 24" Width x 30" Height, 300 Lbs. Weight Capacity, 3-Section, Drawer And Sliding Doors, Wooden Exam Table With Enclosed Cabinet (FEI 15-1073)	1,800.80	89.51
11 72 13 00-0049	EA	110 Volt, 76" Length x 27" Width x 18-35" Height, 450 Lbs. Weight Capacity, Open Base Power Table With Adjustable Backrest And Drop Section (Clinton 80330)	3,790.56	89.51
11 72 13 00-0050	EA	72" Length x 27" Width x 18-35" Height, Open Base Power Table With Adjustable Backrest (Clinton 80200)	3,465.87	89.51
11 72 13 00-0051	EA	72" Length x 27" Width x 18-35" Height, Open Base Power Imaging Table With Drop Window (Clinton 85100)	4,822.90	89.51
11 72 13 00-0052	EA	76" Length x 27" Width x 21-1/2-37-1/2" Height, General Power Ultrasound Table With 3-Section Top (Clinton 80063)	7,523.64	89.51
11 72 13 00-0053		**Specimen Pass Through Cabinet** *(11 72 13)*		
11 72 13 00-0054	EA	11-1/4" x 10-9/16" x 6", 22 Gauge Stainless Steel, Specimen Pass Through Cabinet (Bobrick B-505)	598.01	33.46
11 72 13 00-0055	EA	13-1/2" x 13-1/2" x 7", 304 Stainless Steel, Heavy Duty Recess Mounted Interlocking Pass Through Cabinet (Bobrick B-50516)	769.84	33.46
11 72 13 00-0056	EA	13-1/2" x 13-1/2" x 11", 304 Stainless Steel, Heavy Duty Recess Mounted Interlocking Pass Through Cabinet (Bobrick B-50517)	853.85	33.46
11 72 53		**Treatment Equipment** *(11 72)*		
11 72 53 00-0001		**Semi-Automatic Heart Defibrillator** *(11 72 53)*		
11 72 53 00-0002	EA	Power Heart; AED G3 - Semi Automatic Package with Carrying Case, Ready Kit, Spare Parts (Cardiac Science 9300E-1001P)	1,886.43	
11 72 63		**Refrigerated Heathcare Storage Equipment** *(11 72)*		
11 72 63 00-0001		**Healthcare Pharmaceutical Refrigerators** *(11 72 63)*		
11 72 63 00-0002	EA	24" Width x 24.5" Depth x 33.375" Height, 1 Degree Celsius Temperature Range, Counter Height, Pharmaceutical Refrigerator (American Bio Tech Supply PH-ABT-HC-UCBI-0404SS)	1,664.71	22.38
11 72 63 00-0003	EA	17.75" Width x 19.5" Depth x 28 7/8" Height, 2 To 8 Degrees Celsius Temperature Range, Vaccine Undercounter, Pharmaceutical Refrigerator (ABS Premier PH-ABT-HC-UCFS-0204G)	1,640.78	22.38
11 72 63 00-0004	EA	17.5" Width x 19.75" Depth x 21.5" Height, 2 To 8 Degrees Celsius Temperature Range, Vaccine Undercounter, Pharmaceutical Refrigerator (Accucold ARG1PVDL2B)	1,574.82	22.38
11 72 63 00-0005	EA	17 3/4" Width x 19.5" Depth x 28 7/8" Height, 1 To 10 Degrees Celsius Temperature Range, Solid Door, Undercounter Pharmaceutical Refrigerator (LabRepCo LHP-3-UR Futura)	1,518.69	22.38
11 72 63 00-0006	EA	17 3/4" Width x 22 3/4" Depth x 30 3/4" Height, 2 To 8 Degrees Celsius Temperature Range, Solid Door, Undercounter Pharmaceutical Refrigerator (American Biotech PH-ABT-HC-UCBI-0204)	1,446.77	22.38
11 72 63 00-0007	EA	27" Width x 31 1/4" Depth x 83 1/4' Height, 31 To 41 Degrees Fahrenheit Temperature Range, Glass Door, Upright Pharmaceutical Refrigerator (Arctic Air AGR23)	2,364.43	51.11
11 72 63 00-0008	EA	27" Width x 31 5/8" Depth x 78 1/4' Height, Negative 1 To Plus 10 Degrees Celsius Temperature Range, Glass Door, Laboratory, Pharmaceutical Refrigerator (ABS Premier ABT-HCPP-23G)	9,390.33	51.11
11 72 63 00-0009	EA	29" Width x 32 1/4" Depth x 82 1/2' Height, 33 To 40 Degrees Fahrenheit Temperature Range, Glass Door, Reach-In Pharmaceutical Refrigerator (Avantco A-23R-G-HC)	2,235.09	51.11
11 72 63 00-0010	EA	26.8" Width x 32.7" Depth x 82.3' Height, 33 To 41 Degrees Fahrenheit Temperature Range, Glass Door, Reach-In Pharmaceutical Refrigerator (Empura E-KB27RG)	2,299.34	51.11
11 72 63 00-0011	EA	26-1/2" Width x 35-1/2" Depth x 83" Height, 25 CF, 4 Degrees Celsius, Hinged Glass Door, Laboratory Refrigerator (TemPure Scientific LP-22HG-TP)	7,196.63	102.31
11 72 63 00-0012		**Healthcare Blood Bank Refrigerators** *(11 72 63)*		
11 72 63 00-0013	EA	25 CF, 4 Degree C Hinged Glass Door, Blood Bank Refrigerator (TemPure Scientific)	13,162.99	102.31
11 72 63 00-0014	EA	50 CF, 4 Degree C Hinged Glass Doors, Blood Bank Refrigerator (TemPure Scientific)	18,993.89	143.21
11 72 63 00-0015	EA	78 CF, 4 Degree C Three Hinged Glass Doors, Blood Bank Refrigerator (TemPure Scientific)	25,072.77	143.21
11 72 63 00-0016	EA	4.3 CF, 2 To 8 Degrees Celsius, Blood Bank Undercounter Refrigerator With One Locking Solid Door (TemPure Scientific)	5,858.49	22.38
11 72 63 00-0017	EA	Negative 15 To Negative 25 Degrees Celsius, Blood Bank Undercounter Refrigerator (ABS Premier ABT-HC-UCBI-0420SS)	1,596.68	22.38
11 72 63 00-0018		**Healthcare Medical Freezers** *(11 72 63)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 72 63 00-0019	EA	78" Height x 28.3" Width x 38.5" Depth, Negative 50 To Negative 86 Degrees Celsius Temperature Range, Medical Freezer (Hogentogler RDE40086LA)	20,342.94	25.60
11 72 63 00-0020	EA	26.75" Width x 32.75" Depth x 82.75' Height, Low To Negative 10 Degrees Fahrenheit Temperature Range, Medical Freezer (Artic Air AF23)	2,119.21	25.60
11 72 63 00-0021	EA	Negative 20 To Negative 30 Degrees Celsius, Medical Freezer (Accucold VT65)	1,777.88	22.38
11 72 63 00-0022		Healthcare Vaccine Freezers *(11 72 63)*		
11 72 63 00-0023	EA	17-1/2" Width x 19-3/4" Depth x 21-1/2" Height, 2 To 8 Degrees Celsius Temperature Range, Compact Vaccine Refrigeration Freezer (Accucold ARG1PV)	1,091.09	22.38
11 72 63 00-0024	EA	17-1/2" Width x 19-3/4" Depth x 21-1/2" Height, 2 To 8 Degrees Celsius Temperature Range, Compact Vaccine Refrigeration Freezer (Accucold ARG1PVDL2B)	1,574.82	22.38
11 72 63 00-0025	EA	23.38" Width x 24.5" Depth x 50' Height, 2 To 8 Degrees Celsius Temperature Range, Upright Vaccine Refrigeration Freezer (Accucold ARG8PV)	1,555.95	25.60
11 72 63 00-0026	EA	21-5/8" Width x 21-5/8" Depth, 33 To 40 Degrees Fahrenheit Temperature Range, Upright Vaccine Refrigeration Freezer (Avantco GDC-10-HC)	1,213.85	25.60
11 72 63 00-0027	EA	23.38" Width x 24.5" Depth x 50' Height, 2 To 8 Degrees Celsius Temperature Range, Solid Door, Upright Vaccine Refrigeration Freezer (Accucold ARS8PV)	1,471.88	25.60
11 72 63 00-0028	EA	20.1" Width x 20.9" Depth x 25.8' Height, 2 To 8 Degrees Celsius Temperature Range, Stacked, Combination Pharmaceutical-Vaccine Refrigeration Freezer (K2 Scientific K202GDR)	1,142.83	22.38
11 72 63 00-0029	EA	18-1/2" Width x 20" Depth x 34' Height, 2 To 8 Degrees Celsius Temperature Range, Counter Height Pharmaceutical-Vaccine Refrigeration Freezer (Accucold ARS3PV)	1,078.81	22.38
11 72 63 00-0030	EA	23-3/42" Width x 24" Depth x 20-3/8' Height, 5 To Negative 13 Degrees Fahrenheit Temperature Range, Vaccine Refrigeration Freezer (CliniCool LHP-1-FA-PH)	3,030.47	22.38
11 72 63 00-0031	EA	23-3/4" Width x 24" Depth x 20-3/4' Height, 5 To Negative 13 Degrees Fahrenheit Temperature Range, Solid Swing Door, Vaccine Refrigeration Freezer (CliniCool LHP-2-FM-PH)	1,494.63	22.38

11 73 Patient Care Equipment *(11 70)*

11 73 11 Patient Care Equipment *(11 73)*

11 73 11 00-0001		Hill-Rom Equipment *(11 73 11)*		
11 73 11 00-0002	EA	16" Height x 60" Width, Horizontal, In-Wall / On-Wall, Basis Headwall (Hill-Rom P2102) Note: General Care (MedSurg, Patient Room, LDR, etc). 1 Oxygen (O), 1 Air (Med Air), 1 Vacuum, 2 Red Duplex Receptacle, 2 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 2 Low Voltage (1G) outlets. Drawing Number DWG01A	2,874.38	362.86
11 73 11 00-0003	EA	24" Height x 72" Width, Horizontal, In-Wall / On-Wall, Basis Headwall (Hill-Rom P2102) Note: Critical Care (ICU, CCU, Trauma, etc). 3 Oxygen (O), 1 Air (Med Air), 3 Vacuum, 4 Red Duplex Receptacle, 3 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 3 Low Voltage (1G) outlets. Drawing Number DWG02A.	6,807.49	556.38
11 73 11 00-0004	EA	16" Height x 84" Width, Vertical, On-Wall, Basis Headwall (Hill-Rom P2102) Note: General Care (MedSurg, Patient Room, LDR, etc). 1 Oxygen (O), 1 Air (Med Air), 1 Vacuum, 2 Red Duplex Receptacle, 2 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 2 Low Voltage (1G) outlets. Drawing Number DWG03A.	2,603.03	362.86
11 73 11 00-0005	EA	24" Height x 84" Width, Vertical, In-Wall / On-Wall, Basis Headwall (Hill-Rom P2102) Note: Critical Care (ICU, CCU, Trauma, etc). 3 Oxygen (O), 1 Air (Med Air), 3 Vacuum, 4 Red Duplex Receptacle, 3 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 3 Low Voltage (1G) outlets. Drawing Number DWG04A.	4,461.41	556.38
11 73 11 00-0006	EA	68" Height x 64" Width, Horizontal, In-Wall / On-Wall, Basis 16" x 60" With Panel System (Hill-Rom P2102) Note: General Care (MedSurg, Patient Room, LDR, etc). 1 Oxygen (O), 1 Air (Med Air), 1 Vacuum, 2 Red Duplex Receptacle, 2 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 2 Low Voltage (1G) outlets. Drawing Number DWG25A.	4,027.63	362.86
11 73 11 00-0007	EA	74" Height x 76" Width, Horizontal, In-Wall / On-Wall, Basis 24" x 72" With Panel System (Hill-Rom P2102) Note: Critical Care (ICU, CCU, Trauma, etc). 3 Oxygen (O), 1 Air (Med Air), 3 Vacuum, 4 Red Duplex Receptacle, 3 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 3 Low Voltage (1G) outlets. Drawing Number DWG26A.	8,109.14	556.38
11 73 11 00-0008	EA	82" Height x 60" Width, Vertical, In-Wall / On-Wall, Basis 16" x 60" With Panel System (Hill-Rom P2102) Note: General Care (MedSurg, Patient Room, LDR, etc). 1 Oxygen (O), 1 Air (Med Air), 1 Vacuum, 2 Red Duplex Receptacle, 2 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 2 Low Voltage (1G) outlets. Drawing Number DWG27A.	4,577.41	362.86
11 73 11 00-0009	EA	90" Height x 72" Width, Vertical, In-Wall / On-Wall, Basis 24" x 72" With Panel System (Hill-Rom P2102) Note: Critical Care (ICU, CCU, Trauma, etc). 3 Oxygen (O), 1 Air (Med Air), 3 Vacuum, 4 Red Duplex Receptacle, 3 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 3 Low Voltage (1G) outlets. Drawing Number DWG28A	6,866.85	556.38
11 73 11 00-0010	EA	16" Height x 66" Width, Vertical, In-Wall / On-Wall, Contour Headwall (Hill-Rom P667) Note: General Care (MedSurg, Patient Room, LDR, etc). 1 Oxygen (O), 1 Air (Med Air), 1 Vacuum, 2 Red Duplex Receptacle, 2 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 2 Low Voltage (1G) outlets. Drawing Number DWG05A.	2,288.33	362.86
11 73 11 00-0011	EA	16" Height x 66" Width, Vertical, In-Wall / On-Wall, Contour Headwall (Hill-Rom P667) Note: Critical Care (ICU, CCU, Trauma, etc). 3 Oxygen (O), 1 Air (Med Air), 3 Vacuum, 4 Red Duplex Receptacle, 3 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 3 Low Voltage (1G) outlets. Drawing Number DWG06A.	3,758.26	556.38
11 73 11 00-0012	EA	Bed Locator (Hill-Rom P0052B1) Note: General Care (MedSurg, Patient Room, LDR, etc). 2 Red Duplex Receptacle and 2 Ivory Duplex Receptacle outlets. Drawing Number DWG07A.	1,589.83	314.48
11 73 11 00-0013	EA	96" Height x 80" Width, On-Wall, Elements On-Wall, Wall System (Hill-Rom P2008A2) Note: General Care (MedSurg, Patient Room, LDR, etc). 1 Oxygen (O), 1 Air (Med Air), 1 Vacuum, 2 Red Duplex Receptacle, 2 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 2 Low Voltage (1G) outlets. Drawing Number DWG08A.	8,467.01	362.86
11 73 11 00-0014	EA	96" Height x 80" Width, On-Wall, Elements On-Wall, Wall System (Hill-Rom P2008A2) Note: Critical Care (ICU, CCU, Trauma, etc). 3 Oxygen (O), 1 Air (Med Air), 3 Vacuum, 4 Red Duplex Receptacle, 3 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 3 Low Voltage (1G) outlets. Drawing Number DWG09A.	10,226.45	556.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 73 11 00-0015	EA	105" Height x 96" Width, In-Wall, Elements In-Wall, Wall System (Hill-Rom P2008A1) Note: Critical Care (ICU, CCU, Trauma, etc). 2 Oxygen (O), 2 Air (Med Air), 2 Vacuum, 5 Red Duplex Receptacle, 4 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 1 Low Voltage (1G) outlets. 1 Night Light. Drawing Number DWG21A.	11,455.15	556.38
11 73 11 00-0016	EA	105" Height x 120" Width, In-Wall, Elements In-Wall With Cabinetry, Wall System (Hill-Rom P2008A1) Note: Critical Care (ICU, CCU, Trauma, etc). 2 Oxygen (O), 2 Air (Med Air), 2 Vacuum, 6 Red Duplex Receptacle, 5 Ivory Duplex Receptacle, 2 Nurse Call (3G), 1 Monitor Out (1G), and 1 Monitor Channel outlets. 1 Night Light. Drawing Number DWG22A.	16,192.88	653.15
11 73 11 00-0017	EA	105" Height x 96" Width, Double-Sided, Elements Double-Sided, Wall System (Hill-Rom P2008A3) Note: Critical Care (ICU, CCU, Trauma, etc). 4 Oxygen (O), 4 Air (Med Air), 4 Vacuum, 10 Red Duplex Receptacle, 8 Ivory Duplex Receptacle, 2 Nurse Call (3G), and 2 Low Voltage (1G) outlets. 4 Night Lights. Drawing Number DWG23A.	21,142.85	1,040.19
11 73 11 00-0018	EA	105" Height x 120" Width, Double-Sided, Elements Double-Sided, Wall System (Hill-Rom P2008A3) Note: Critical Care (ICU, CCU, Trauma, etc). 4 Oxygen (O), 4 Air (Med Air), 4 Vacuum, 12 Red Duplex Receptacle, 10 Ivory Duplex Receptacle, 2 Nurse Call (3G), 2 Monitor Out (1G), and 2 Monitor Channel outlets. 4 Night Lights. Drawing Number DWG24A.	29,636.25	1,185.35
11 73 11 00-0019	EA	Fixed And Telescoping, Latitude Double Arm, Ceiling Boom (Hill-Rom P672) Note: Critical Care (ICU, CCU, Trauma, etc). 3 Oxygen (O), 1 Air (Med Air), 3 Vacuum, 4 Red Duplex Receptacle, 3 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 5 Low Voltage (1G) outlets. Drawing Number DWG11A.	38,362.78	604.77
11 73 11 00-0020	EA	Telescoping, Latitude Single Arm, Ceiling Boom (Hill-Rom P672) Note: Critical Care (ICU, CCU, Trauma, etc). 3 Oxygen (O), 1 Air (Med Air), 3 Vacuum, 4 Red Duplex Receptacle, 3 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 5 Low Voltage (1G) outlets. Drawing Number DWG10A.	23,089.01	604.77
11 73 11 00-0021	EA	Horizontal Security Patient Console (Hill-Rom P005561) Note: Locking. 1 Oxygen (O), 1 Air (Med Air), 1 Vacuum, 1 Red Duplex Receptacle, 1 Ivory Duplex Receptacle, and 1 Blank Plate outlets. Drawing Number DWG12A.	6,362.90	266.10
11 73 11 00-0022	EA	Fixed Column, Epicare (Hill-Rom P680CFX) Note: 2 Oxygen (O), 2 Air (Med Air), 3 Vacuum, 1 Nitrous Oxide, 1 Carbon Dioxide, 6 Red Duplex Receptacle, and 1 Blank Plate outlets. Drawing Number DWG13A.	8,834.14	508.01
11 73 11 00-0023	EA	Telescoping Column, Epicare (Hill-Rom P680CTL) Note: 2 Oxygen (O), 2 Air (Med Air), 3 Vacuum, 1 Nitrous Oxide, 1 Carbon Dioxide, 6 Red Duplex Receptacle, and 1 Blank Plate outlets. Drawing Number DWG14A.	11,696.44	508.01
11 73 11 00-0024	EA	Vertical Gallery Wall, Concealment (Hill-Rom P6918B) Note: 1 Oxygen (O), 1 Air (Med Air), 1 Vacuum, and 2 Red Duplex Receptacle outlets. Drawing Number DWG15A.	6,272.36	241.91
11 73 11 00-0025	EA	Vertical Gallery Wall, Concealment (Hill-Rom P6918B) Note: 2 Oxygen (O), 1 Air (Med Air), and 2 Vacuum outlets. Drawing Number DWG16A.	8,044.40	241.91
11 73 11 00-0026	EA	Horizon System (Hill-Rom P100000) Note: 2 Oxygen (O), 2 Air (Med Air), 2 Vacuum, 11 Red Duplex Receptacle, 2 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 1 Code Blue (1G) outlets. 1 Night Light. 1 Wall Mount Bed Bumper. Drawing Number DWG17A.	12,813.48	677.34
11 73 11 00-0027	EA	22" Height x 96" Width, Horizontal, Integris 2002C Gas Rail (Hill-Rom P2002 And P0052B4) Note: 2 Oxygen (O), 1 Air (Med Air), 2 Vacuum, 3 Red Duplex Receptacle, 4 Ivory Duplex Receptacle, 1 Nurse Call (3G), and 1 Code Blue (1G) outlets. 1 Wall Mount Bed Bumper. Drawing Number DWG18A.	10,715.78	483.81
11 73 11 00-0028	EA	Patient Care Module (Hill-Rom P590052) Note: Self contained, in-room bathroom. Includes a concealed flushing unit, paper holder and utensil-washing arm. Drawing Number DWG19A.	10,251.68	362.86
11 73 11 00-0029	EA	Power Column (Hill-Rom P590) Note: 3 Oxygen (O), 2 Air (Med Air), 4 Vacuum, 13 Red Duplex Receptacle, 2 Ivory Duplex Receptacle, 1 Nurse Call (3G), 1 Code Blue (1G), 1 Low Voltage (1G), 1 Monitor Channel, and 1 Blank Plate outlets. 1 Night Light. Drawing Number DWG20A.	10,726.41	846.68
11 73 11 00-0030	EA	Bed Locator, NEURO ICU Care Area (Hill-Rom P20160601) Note: Includes two 20A red duplex receptacles, three 1 gang with faceplate provision, two 20A bed only red simplex receptacle and two Hubbellock 2300HG simplex receptacles.	1,672.82	136.29
11 73 11 00-0031	EA	Integris Gas Rail, NEURO ICU Care Area (Hill-Rom P2002C001) Note: Includes six 20A red duplex receptacles, one junction box, seven 1 gang with faceplate provision, one 3 gang with back box nursecall, one left hand gas manifold, one 20A red 3-way Decora switch, two low voltages switches, one clip style resuscitator bag holder, one 18" x 9-1/2" x 4" basket, 1 cuff basket, four standard bottle slides, two air, three O2 and four vacuum.	10,326.95	363.46
11 73 11 00-0032	EA	Latitude Bed Services Chassis, NEURO STEP DOWN Care Area (Hill-Rom P662CO250) Note: Includes two 20A white duplex receptacles, four 20A red duplex receptacles, two 1 gang with faceplate provision, one 3 gang with back box nursecall, and one main support structure module.	5,529.39	227.15
11 73 11 00-0033	EA	Latitude Upper Telescoping Arm, NEURO STEP DOWN Care Area (Hill-Rom P662CO300) Note: Includes five 20A red duplex receptacles, one 2 gang with faceplate provision, one 1 gang with faceplate provision, one drop tube, one 9000 series service head, three standard bottle slides, two accessory rails, one air, three O2 and three vacuum.	23,050.57	575.46
11 73 11 00-0034	EA	Integris Light, PATIENT ROOM Care Area (Hill-Rom P696IL101)	1,233.72	36.35
11 73 11 00-0035	EA	Bed Locator, PATIENT ROOM Care Area (Hill-Rom P0052B101) Note: Includes two 20A ivory duplex receptacles and one 1 gang with faceplate provision.	930.22	90.86
11 73 11 00-0036	EA	Flatwall, PATIENT ROOM Care Area (Hill-Rom P670E0001) Note: Includes one 2 function low voltage relays, two 20A red duplex receptacles, one 1 gang with faceplate provision, one nursecall, one 20A SP-ST Decora switch, one low voltage switch, one raceway from locator module, one 7670-01 wall mount Sphygmo Tycos, one 4" raceway to light, two universal holder for vertical rail, one slide mount utility, one aneroid Sphygmo mount, one gas, one vacuum, two sidepanels, one electric panel, one gas panel, one access panel and one junction box panel.	4,757.60	169.61
11 73 11 00-0037	EA	48", 3 Lamp, Closed Over Bed Light (Hill-Rom P00519G11355B120SLIBHD)	1,783.18	48.46
11 73 11 00-0038	EA	48", 2 Lamp, Closed Task Light (Hill-Rom P00519448G25412IBHD)	775.90	42.40
11 73 11 00-0039	EA	Low Voltage Controller (Hill-Rom P005189120)	237.62	15.15

11 73 23 Patient Lift *(11 73)*

11 73 23 00-0001 Ceiling Patient Lift *(11 73 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 73 23 00-0002	EA	Maxi Sky 600 Fixed 4 Function Ceiling Patient Lift Note: Maxi Sky 600 cassette with 600 pound weight capacity. Includes 2 point hanger bar, hardware (x-y 3 meter x 4.5 meter 8 anchors xy 4.5), powered raise and lower as well as powered traverse on track. Maxi sky supports clinically activated return to charge, programmable automatic return.	13,238.76	
11 73 23 00-0003		Ceiling Patient Lift System *(11 73 23)* Note: Guldmann		
11 73 23 00-0004	EA	GH2 HD AC UL Ceiling Mounted Hoist, 550 LB Weight Capacity, With Hand Control	12,135.63	866.87
11 73 23 00-0005	EA	550 LB Weight Capacity Hanging Bar GH2 Standard Snap Hook	700.35	
11 73 23 00-0006	EA	550 LB Weight Capacity Traverse Traveling Trolley Room Covering System	801.36	120.40
11 73 23 00-0007	EA	GH2 HD Twin Strap Ceiling Mounted Hoist, 1,000 LB Weight Capacity, With Hand Control	17,169.67	1,203.99
11 73 23 00-0008	EA	1,000 LB Weight Capacity Hanging Bar	6,301.86	
11 73 23 00-0009	EA	1,000 LB Weight Capacity Traverse Traveling Trolley Room Covering System	1,827.45	264.88
11 73 23 00-0010	LF	Aluminum Midi Rail	345.67	28.90
11 73 23 00-0011	EA	Wire For Charging Liner	130.08	
11 73 23 00-0012	LF	Charging Liner For Midi Rail	143.37	
11 73 23 00-0013	EA	End Stops	63.42	
11 73 23 00-0014	EA	Standard Ceiling Brackets	195.58	28.90
11 73 23 00-0015	EA	Charging Kit For Room-Covering System With Midi Rails	379.00	
11 73 23 00-0016	EA	Lock For Charging Liner	80.13	
11 73 23 00-0017	EA	Cover Plate For Midi Rail	7.84	
11 73 23 00-0018	EA	Rosette White	4.45	
11 73 23 00-0019	EA	Aluminum Pipe 2M Profile	192.70	
11 73 23 00-0020	EA	Repositioning Sling Gold, 3 Slings Per System	328.10	
11 73 23 00-0021	EA	Uni D M/L High Black - 550 LB Capacity Sling, 2 Slings Per System	180.19	
11 73 23 00-0022	EA	Uni D L/XL High Black - 550 LB Capacity Sling, 2 Slings Per System	180.19	
11 73 23 00-0023	EA	Disposable Limb Lifter, 2 Slings Per System	85.64	
11 73 23 00-0024	EA	Disposable Turner Sling, 1 Sling Per System	211.57	

11 77 Radiology Equipment *(11 70)*

11 77 00 00-0001 Wall Mounted Area Monitor *(11 77)*

11 77 00 00-0002	EA	Digital Wall Mount Area Monitor (Ludlum M 375-30 With 2E44-99 FBGLS)	15,661.58	

11 78 Mortuary Equipment *(11 70)*

11 78 13 Mortuary Refrigerators *(11 78)*

11 78 13 00-0001 Healthcare Mortuary Coolers *(11 78 13)*

11 78 13 00-0002	EA	6' 8 1/2" Width x 2' 8 1/2" Depth x 5' 2" Height, One Body Economy, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #1BR)	8,319.82	954.81
11 78 13 00-0003	EA	7'3" Depth x 3" Width x 5'2" Height, Three Body Oversized, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #3BX)	11,721.24	954.81
11 78 13 00-0004	EA	7' 3" Depth x 3' 6 3/4" Width x 6'8" Height, Four Body Oversized, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model # 4BX)	12,834.31	1,432.16
11 78 13 00-0005	EA	10' Length x 8' Width x 7' 6 1/2" Height, Walk-in, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #0810)	14,760.57	1,432.16
11 78 13 00-0006	EA	10' Length x 10' Width x 7' 6 1/2" Height, Walk-in, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #1010)	16,998.63	1,432.16
11 78 13 00-0007	EA	10' Length x 15' Width x 7' 6 1/2' Height, Walk-in, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #1015)	22,229.23	2,864.32
11 78 13 00-0008	EA	20' Length x 20' Width, Walk-in, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #2020)	31,368.26	2,864.32
11 78 13 00-0009	EA	8' 1" Width x 7' 4" Depth x 5' Height, Triple Cot, Roll-in, Mortuary Equipment Morgue Cooler (American Mortuary Coolers & Equipment Model #TR3)	13,540.24	1,432.16

11 80 Facility Maintenance and Operation Equipment *(11)*

11 81 Maintenance Equipment *(11 80)*

11 81 29 Facility Fall Protection *(11 81)*

11 81 29 00-0001 Safety And Tie-Back Anchors *(11 81 29)*

Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation. See CSI section 01 22 20 00-0062 for engineering testing and inspection.

11 81 29 00-0002 Roof Mounted, Safety And Tie-Back Anchors *(11 81 29 00-0001)*

Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish.

11 81 29 00-0003	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.	733.20	75.40
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 81 29 00-0004	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	623.12	75.40
		Note: Includes drilling in concrete and adhesive anchor systems.		
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0005	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	471.14	78.17
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0006		Wall Mounted, Safety And Tie-Back Anchor *(11 81 29 00-0001)*		
		Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish.		
11 81 29 00-0007	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	515.96	75.40
		Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0008	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	461.85	75.40
		Note: Includes drilling in concrete and adhesive anchor systems.		
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0009	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	412.84	78.17
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0010		Safety And Tie-Back Anchor Accessories *(11 81 29 00-0001)*		
11 81 29 00-0011	EA	Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor)	423.98	
		Note: One cut sheet required per order.		
11 81 29 00-0012		Roof Mounted, Stainless Steel Safety And Tie-Back Anchors *(11 81 29 00-0001)*		
		Note: Includes up to 12" high stainless steel hollow structural section tube, base plate and anchors.		
11 81 29 00-0013	EA	Up To 10" High, 3-1/2" OD, 0.30" Thick, Stainless Steel Hollow Structural Section Tube, Pad Eye, Base Plate, Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor SM-1-12-6-58-SST)	2,241.85	
		Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		
11 82		**Facility Solid Waste Handling Equipment** *(11 80)*		
11 82 19		**Packaged Incinerators** *(11 82)*		
11 82 19 00-0001		Electric Incinerator *(11 82 19)*		
11 82 19 00-0002	EA	Electric Package Incinerator, 100 LB/Hour	42,873.73	1,083.58
11 82 19 00-0003	EA	Electric Package Incinerator, 400 LB/Hour	87,732.89	2,167.16
11 82 19 00-0004	EA	Electric Package Incinerator, 1,000 LB/Hour	297,235.55	3,250.74
11 82 26		**Facility Waste Compactors** *(11 82)*		
11 82 26 00-0001		Waste Compactors *(11 82 26)*		
11 82 26 00-0002		110 Volt Compactors *(11 82 26 00-0001)*		
11 82 26 00-0003	EA	Waste Compactor, 110 Volt At 75 LB/Hour	23,159.84	483.25
11 82 26 00-0004	EA	Waste Compactor, 110 Volt At 250 LB/Hour	28,796.05	1,159.80
11 82 26 00-0005		230 Volt Compactors *(11 82 26 00-0001)*		
11 82 26 00-0006	EA	Waste Compactor, 230 Volt At 600 LB/Hour Hand Fed	28,463.85	1,546.41
11 82 26 00-0007	EA	Waste Compactor, 230 Volt At 600 LB/Hour Chute Fed	31,888.63	2,029.65
11 82 26 00-0008		Trash Compactors *(11 82 26)*		
11 82 26 00-0009	EA	Trash Compactor, Small	4,668.39	312.98
11 82 26 00-0010	EA	Trash Compactor, Large	5,768.16	354.18
11 90		**Other Equipment** *(11)*		
11 95		**Arts and Crafts Equipment** *(11 90)*		
11 95 13		**Kilns** *(11 95)*		
11 95 13 00-0001		Kilns *(11 95 13)*		
11 95 13 00-0002	EA	6.6 kW, 32 Amperes, 208 Voltage, Single Phase, Electronic Kiln (Cress ES23208)	2,478.32	
11 97		**Security Equipment** *(11 90)*		
11 97 26		**Detention Gun Lockers** *(11 97)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 97 26 00-0001		**Hinged Door Gun Lock** *(11 97 26)*		
		Note: Two keys per locker with one master.		
11 97 26 00-0002	EA	8 Compartment Pistol Locker, 20-1/8" High x 15-1/8" Wide x 17-1/4" Deep, Double Welded 20 Gauge Steel Body, 10 Gauge Steel Door	3,586.43	52.17
11 97 26 00-0003		**Hinged-Door Gun Locker** *(11 97 26)*		
		Note: Includes master key for each set of 4 compartments, two keys per compartment.		
11 97 26 00-0004	EA	4 Compartment Pistol Locker, 11-1/4" High x 16-1/4" Wide x 16-3/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	1,392.77	36.52
11 97 26 00-0005	EA	8 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	3,184.74	52.17
11 97 26 00-0006	EA	16 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	5,845.96	62.60
11 97 26 00-0007	EA	24 Compartment Pistol Locker, 11-1/2" High x 32-3/4" Wide x 17-1/4" Deep, 16 Gauge, Foam Filled, Painted With Powder Coat Finish	8,486.31	62.60

11 98 Detention Equipment *(11 90)*

11 98 12 Detention Doors and Frames *(11 98)*

11 98 12 00-0001		**Metal Frames** *(11 98 12)*		
		Note: Combination buck, jamb, and trim, fully seam welded.		
11 98 12 00-0002		**Metal Frames 4-3/4" Depth x 7 Gauge x 1-3/4"** *(11 98 12 00-0001)*		
11 98 12 00-0003	EA	2' x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	485.14	157.03
11 98 12 00-0004	EA	2'-4" x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	485.14	157.03
11 98 12 00-0005	EA	2'-6" x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	485.14	157.03
11 98 12 00-0006	EA	2'-8" x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	485.14	157.03
11 98 12 00-0007	EA	3' x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	488.49	157.03
11 98 12 00-0008	EA	3'-4" x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	488.49	157.03
11 98 12 00-0009	EA	6' x 6'-8" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	710.51	251.33
11 98 12 00-0010	EA	2' x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	495.20	157.03
11 98 12 00-0011	EA	2'-4" x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	495.20	157.03
11 98 12 00-0012	EA	2'-6" x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	495.20	157.03
11 98 12 00-0013	EA	2'-8" x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	505.25	157.03
11 98 12 00-0014	EA	3' x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	609.97	209.41
11 98 12 00-0015	EA	3'-4" x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	609.97	209.41
11 98 12 00-0016	EA	6' x 7' x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	730.62	251.33
11 98 12 00-0017	EA	2' x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	495.20	157.03
11 98 12 00-0018	EA	2'-4" x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	495.20	157.03
11 98 12 00-0019	EA	2'-6" x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	495.20	157.03
11 98 12 00-0020	EA	2'-8" x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	495.20	157.03
11 98 12 00-0021	EA	3' x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	498.55	157.03
11 98 12 00-0022	EA	3'-4" x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	498.55	157.03
11 98 12 00-0023	EA	6' x 7'-2" x 4-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	720.56	251.33
11 98 12 00-0024		**Metal Frames 6-3/4" Depth x 7 Gauge x 1-3/4"** *(11 98 12 00-0001)*		
11 98 12 00-0025	EA	2' x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	495.19	157.03
11 98 12 00-0026	EA	2'-4" x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	495.19	157.03
11 98 12 00-0027	EA	2'-6" x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	495.19	157.03
11 98 12 00-0028	EA	2'-8" x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	495.19	157.03
11 98 12 00-0029	EA	3' x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	501.90	157.03
11 98 12 00-0030	EA	3'-4" x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	501.90	157.03
11 98 12 00-0031	EA	6' x 6'-8" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	720.56	251.33
11 98 12 00-0032	EA	2' x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	495.19	157.03
11 98 12 00-0033	EA	2'-4" x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	495.19	157.03
11 98 12 00-0034	EA	2'-6" x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	505.25	157.03
11 98 12 00-0035	EA	2'-8" x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	505.25	157.03
11 98 12 00-0036	EA	3' x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	609.97	209.41
11 98 12 00-0037	EA	3'-4" x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	609.97	209.41
11 98 12 00-0038	EA	6' x 7' x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	858.47	279.07
11 98 12 00-0039	EA	2' x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	505.25	157.03
11 98 12 00-0040	EA	2'-4" x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	505.25	157.03
11 98 12 00-0041	EA	2'-6" x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	505.25	157.03
11 98 12 00-0042	EA	2'-8" x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	505.25	157.03
11 98 12 00-0043	EA	3' x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	508.60	157.03
11 98 12 00-0044	EA	3'-4" x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	508.60	157.03
11 98 12 00-0045	EA	6' x 7'-2" x 6-3/4" Deep Metal Door Frame 7 Gauge Frame For 1-3/4" Detention Door	730.61	251.33
11 98 12 00-0046		**Metal Detention Doors** *(11 98 12)*		
		Note: Flush type reinforced with stiffeners.		
11 98 12 00-0047		**10 Gauge 1-3/4" Metal Detention Door** *(11 98 12 00-0046)*		
11 98 12 00-0048	EA	2' x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	863.16	55.80
11 98 12 00-0049	EA	2'-4" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	873.90	55.80
11 98 12 00-0050	EA	2'-6" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	884.63	55.80
11 98 12 00-0051	EA	2'-8" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	895.37	55.80
11 98 12 00-0052	EA	3' x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	906.10	55.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 98 12 00-0053	EA	3'-4" x 6'-8" x 1-3/4" 10 Gauge Metal Detention Door	959.78	55.80
11 98 12 00-0054	EA	2' x 7' x 1-3/4" 10 Gauge Metal Detention Door	929.93	55.80
11 98 12 00-0055	EA	2'-4" x 7' x 1-3/4" 10 Gauge Metal Detention Door	941.09	55.80
11 98 12 00-0056	EA	2'-6" x 7' x 1-3/4" 10 Gauge Metal Detention Door	948.11	55.80
11 98 12 00-0057	EA	2'-8" x 7' x 1-3/4" 10 Gauge Metal Detention Door	1,045.87	55.80
11 98 12 00-0058	EA	3' x 7' x 1-3/4" 10 Gauge Metal Detention Door	1,281.83	55.80
11 98 12 00-0059	EA	3'-4" x 7' x 1-3/4" 10 Gauge Metal Detention Door	1,403.21	55.80
11 98 12 00-0060	EA	2' x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	900.73	55.80
11 98 12 00-0061	EA	2'-4" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	911.46	55.80
11 98 12 00-0062	EA	2'-6" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	922.20	55.80
11 98 12 00-0063	EA	2'-8" x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	932.94	55.80
11 98 12 00-0064	EA	3' x 7'-2" x 1-3/4" 10 Gauge Metal Detention Door	943.67	55.80
11 98 12 00-0065	EA	3'-4" x 7-2" x 1-3/4" 10 Gauge Metal Detention Door	997.35	55.80
11 98 12 00-0066		Pneumatic Door Operators *(11 98 12)*		
11 98 12 00-0067	EA	Pneumatic Detention Cell Entry Door Operator With Hardware Set	6,163.87	
11 98 12 00-0068	EA	Pneumatic Special Housing Detention Cell Door Operator With Hardware Set	6,911.97	
11 98 12 00-0069	EA	Pneumatic MS Detention Cell Door Operator With Hardware Set	9,173.40	
11 98 12 00-0070	EA	Pneumatic Sally Port Detention Door Operator With Hardware Set	10,712.62	
11 98 12 00-0071	EA	Pneumatic Corridor Detention Door Operator With Hardware Set	13,870.31	
11 98 12 00-0072	EA	Emergency Release Cabinet With Seven Gallon Storage Tank, Check Valve, Pressure Gauge, Three Way Valves And Four Release Valves	6,633.21	
11 98 12 00-0073		Security Doors And Frame Assembly *(11 98 12)*		
11 98 12 00-0074	EA	2'-6" x 6'-8", 7 Gauge Flat Door With 7 Gauge Reinforcement Plate, Security Detention Doors And Frames Note: Complete, with hardware, single plate.	14,622.04	432.18
		For 5" x 15-1/2" Opening Food Pass Assembly, Add	*105.00*	
11 98 12 00-0075	EA	2'-6" x 6'-8", 7 Gauge Flat Door With Double 7 Gauge Reinforcement Plate, Security Detention Doors And Frames Note: Complete, with hardware, double plate.	17,853.59	429.39
		For 5" x 15-1/2" Opening Food Pass Assembly, Add	*105.00*	
11 98 14		**Detention Door Hardware** *(11 98)*		
11 98 14 00-0001		Prison Deadlocks and Deadlatches *(11 98 14)*		
11 98 14 00-0002	EA	115 Volt AC, Keyed One Side, Jamb Mounted, Motor-Operated Deadlatch, For Swinging Doors (Southern Folger 10120AM-1)	3,919.84	104.54
11 98 14 00-0003	EA	115 Volt AC, Keyed Both Sides, Jamb Mounted, Motor-Operated Deadlatch, For Swinging Doors (Southern Folger 10120AM-2)	4,957.87	104.54
11 98 14 00-0004	EA	24 Volt DC, Keyed One Side, Jamb Mounted, Motor-Operated Deadlatch, For Swinging Doors (Southern Folger 10120AM-1)	4,187.14	104.54
11 98 14 00-0005	EA	24 Volt DC, Keyed Both Sides, Jamb Mounted, Motor-Operated Deadlatch, For Swinging Doors (Southern Folger 10120AM-2)	5,091.56	104.54
11 98 14 00-0006	EA	24 Volt DC, Keyed One Side, Jamb Mounted, Motor Operated Electro-Mechanical Deadlatch, For Swinging Doors (Southern Folger 10300M-1)	2,166.28	75.36
11 98 14 00-0007	EA	24 Volt DC, Keyed Both Sides, Jamb Mounted, Motor Operated Electro-Mechanical Deadlatch, For Swinging Doors (Southern Folger 10300M-2)	2,569.39	75.36
11 98 21		**Detention Windows** *(11 98)*		
11 98 21 00-0001		Visitor Cubicle *(11 98 21)* Note: Excludes glazing.		
11 98 21 00-0002	EA	Detention Visitor Cubicle, Vision Panel, No Intercom	12,416.86	858.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

12 Furnishings

12 01 Operation and Maintenance of Furnishings *(12)*

12 01 60 Operation and Maintenance of Multiple Seating *(12 01)*

12 01 60 00-0001 Repair Fixed Auditorium Seating *(12 01 60)*

12 01 60 00-0002	EA	Removal And Replacement Of Hardwood/Plywood Auditorium Seat Part	183.65	
12 01 60 00-0003	EA	Removal And Replacement Of Auditorium Seat Armrest Part	83.91	
12 01 60 00-0004	EA	Removal And Replacement Of End Armrest Part	118.64	
12 01 60 00-0005	EA	Removal And Replacement Of Auditorium Seat Kick Plate Part	139.87	
12 01 60 00-0006	EA	Removal And Replacement Of Auditorium Seat Long Back Part	224.66	
12 01 60 00-0007	EA	Removal And Replacement Of Auditorium Seat Center Standard Part	178.52	
12 01 60 00-0008	EA	Removal And Replacement Of Auditorium Seat Back Bracket Part	63.31	
12 01 60 00-0009	EA	Removal And Replacement Of Auditorium Seat Bracket Part	68.07	
12 01 60 00-0010	EA	Secure Seat To Floor	65.53	
12 01 60 00-0011	EA	Removal And Reinstallation Of Existing Auditorium Seat In Concrete Floor Note: Includes drilling and fasteners.	66.09	
		For Epoxy Anchoring, Add	*23.41*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*23.00*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*26.72*	
12 01 60 00-0012	EA	Reupholster Auditorium Seat And Back Note: Includes removal of existing upholstery.	198.02	

12 20 Window Treatments *(12)*

12 21 Window Blinds *(12 20)*

12 21 13 Horizontal Louver Blinds *(12 21)*

Note: Includes headrail, brackets, cords and all hardware.

12 21 13 13 Metal Horizontal Louver Blinds *(12 21 13)*

12 21 13 13-0001 Aluminum Horizontal Louver Blinds *(12 21 13 13)*

12 21 13 13-0002	SF	1/2" x 0.006" Slats, Aluminum Horizontal Louver Blinds	11.40	0.90
12 21 13 13-0003	SF	1" x 0.006" Slats, Aluminum Horizontal Louver Blinds	9.32	0.90
12 21 13 13-0004	SF	1" x 0.008" Slats, Aluminum Horizontal Louver Blinds	10.12	0.90
12 21 13 13-0005	SF	2" x 0.008" Slats, Aluminum Horizontal Louver Blinds	11.72	0.90

12 21 13 33 Plastic Horizontal Louver Blinds *(12 21 13)*

12 21 13 33-0001 Vinyl Horizontal Louver Blinds *(12 21 13 33)*

12 21 13 33-0002	SF	1" Slats, Vinyl Horizontal Louver Blinds	9.64	0.90
12 21 13 33-0003	SF	2" Slats, Vinyl Horizontal Louver Blinds	11.16	0.90

12 21 16 Vertical Louver Blinds *(12 21)*

Note: Includes headrail, brackets, cords and all hardware.

12 21 16 13 Metal Vertical Louver Blinds *(12 21 16)*

12 21 16 13-0001 Aluminum Vertical Louver Blinds *(12 21 16 13)*

12 21 16 13-0002	SF	3-1/2" x 0.008" Slats, Aluminum Vertical Louver Blinds	13.24	1.91

12 21 16 33 Plastic Vertical Louver Blinds *(12 21 16)*

12 21 16 33-0001 Vinyl Vertical Louver Blinds *(12 21 16 33)*

12 21 16 33-0002	SF	2" Slats, Vinyl Vertical Louver Blinds	8.51	1.91
12 21 16 33-0003	SF	3-1/2" Slats, Vinyl Vertical Louver Blinds	11.95	1.91

12 22 Curtains and Drapes *(12 20)*

12 22 13 Draperies *(12 22)*

12 22 13 00-0001 Lined Draperies *(12 22 13)*

Note: Width dimensions are the panel width at top excluding returns and overlaps.

12 22 13 00-0002 Up To 48" Wide Lined Draperies *(12 22 13 00-0001)*

12 22 13 00-0003	EA	Up To 39" Long, Up To 48" Wide Lined Draperies	332.50	12.57
12 22 13 00-0004	EA	>39" To 63" Long, Up To 48" Wide Lined Draperies	346.31	12.57
12 22 13 00-0005	EA	>63" To 72" Long, Up To 48" Wide Lined Draperies	368.76	12.57
12 22 13 00-0006	EA	>72" To 81" Long, Up To 48" Wide Lined Draperies	377.40	12.57
12 22 13 00-0007	EA	>81" To 90" Long, Up To 48" Wide Lined Draperies	398.12	12.57
12 22 13 00-0008	EA	>90" To 99" Long, Up To 48" Wide Lined Draperies	425.75	12.57
12 22 13 00-0009	EA	>99" To 108" Long, Up To 48" Wide Lined Draperies	443.01	12.57
12 22 13 00-0010	EA	>108" To 120" Long, Up To 48" Wide Lined Draperies	467.19	12.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0011	EA	>120" To 130" Long, Up To 48" Wide Lined Draperies	505.18	12.57
12 22 13 00-0012		**>48" To 72" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0013	EA	Up To 39" Long, >48" To 72" Wide Lined Draperies	483.15	17.09
12 22 13 00-0014	EA	>39" To 63" Long, >48" To 72" Wide Lined Draperies	514.23	17.09
12 22 13 00-0015	EA	>63" To 72" Long, >48" To 72" Wide Lined Draperies	538.40	17.09
12 22 13 00-0016	EA	>72" To 81" Long, >48" To 72" Wide Lined Draperies	559.12	17.09
12 22 13 00-0017	EA	>81" To 90" Long, >48" To 72" Wide Lined Draperies	607.47	17.09
12 22 13 00-0018	EA	>90" To 99" Long, >48" To 72" Wide Lined Draperies	631.65	17.09
12 22 13 00-0019	EA	>99" To 108" Long, >48" To 72" Wide Lined Draperies	652.37	17.09
12 22 13 00-0020	EA	>108" To 120" Long, >48" To 72" Wide Lined Draperies	697.27	17.09
12 22 13 00-0021	EA	>120" To 130" Long, >48" To 72" Wide Lined Draperies	745.62	17.09
12 22 13 00-0022		**>72" To 96" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0023	EA	Up To 39" Long, >72" To 96" Wide Lined Draperies	640.70	21.62
12 22 13 00-0024	EA	>39" To 63" Long, >72" To 96" Wide Lined Draperies	685.60	21.62
12 22 13 00-0025	EA	>63" To 72" Long, >72" To 96" Wide Lined Draperies	706.32	21.62
12 22 13 00-0026	EA	>72" To 81" Long, >72" To 96" Wide Lined Draperies	754.67	21.62
12 22 13 00-0027	EA	>81" To 90" Long, >72" To 96" Wide Lined Draperies	799.56	21.62
12 22 13 00-0028	EA	>90" To 99" Long, >72" To 96" Wide Lined Draperies	844.46	21.62
12 22 13 00-0029	EA	>99" To 108" Long, >72" To 96" Wide Lined Draperies	868.64	21.62
12 22 13 00-0030	EA	>108" To 120" Long, >72" To 96" Wide Lined Draperies	916.98	21.62
12 22 13 00-0031	EA	>120" To 130" Long, >72" To 96" Wide Lined Draperies	982.60	21.62
12 22 13 00-0032		**>96" To 120" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0033	EA	Up To 39" Long, >96" To 120" Wide Lined Draperies	808.61	26.14
12 22 13 00-0034	EA	>39" To 63" Long, >96" To 120" Wide Lined Draperies	853.51	26.14
12 22 13 00-0035	EA	>63" To 72" Long, >96" To 120" Wide Lined Draperies	877.69	26.14
12 22 13 00-0036	EA	>72" To 81" Long, >96" To 120" Wide Lined Draperies	946.76	26.14
12 22 13 00-0037	EA	>81" To 90" Long, >96" To 120" Wide Lined Draperies	991.65	26.14
12 22 13 00-0038	EA	>90" To 99" Long, >96" To 120" Wide Lined Draperies	1,040.00	26.14
12 22 13 00-0039	EA	>99" To 108" Long, >96" To 120" Wide Lined Draperies	1,396.74	26.14
12 22 13 00-0040	EA	>108" To 120" Long, >96" To 120" Wide Lined Draperies	1,157.43	26.14
12 22 13 00-0041	EA	>120" To 130" Long, >96" To 120" Wide Lined Draperies	1,191.96	26.14
12 22 13 00-0042		**>120" To 144" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0043	EA	Up To 39" Long, >120" To 144" Wide Lined Draperies	955.81	30.66
12 22 13 00-0044	EA	>39" To 63" Long, >120" To 144" Wide Lined Draperies	1,021.42	30.66
12 22 13 00-0045	EA	>63" To 72" Long, >120" To 144" Wide Lined Draperies	1,045.60	30.66
12 22 13 00-0046	EA	>72" To 81" Long, >120" To 144" Wide Lined Draperies	1,114.67	30.66
12 22 13 00-0047	EA	>81" To 90" Long, >120" To 144" Wide Lined Draperies	1,183.74	30.66
12 22 13 00-0048	EA	>90" To 99" Long, >120" To 144" Wide Lined Draperies	1,252.82	30.66
12 22 13 00-0049	EA	>99" To 108" Long, >120" To 144" Wide Lined Draperies	1,321.88	30.66
12 22 13 00-0050	EA	>108" To 120" Long, >120" To 144" Wide Lined Draperies	1,390.96	30.66
12 22 13 00-0051	EA	>120" To 130" Long, >120" To 144" Wide Lined Draperies	1,477.30	30.66
12 22 13 00-0052		**>144" To 168" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0053	EA	Up To 39" Long, >144" To 168" Wide Lined Draperies	1,123.71	35.19
12 22 13 00-0054	EA	>39" To 63" Long, >144" To 168" Wide Lined Draperies	1,192.78	35.19
12 22 13 00-0055	EA	>63" To 72" Long, >144" To 168" Wide Lined Draperies	1,244.59	35.19
12 22 13 00-0056	EA	>72" To 81" Long, >144" To 168" Wide Lined Draperies	1,313.66	35.19
12 22 13 00-0057	EA	>81" To 90" Long, >144" To 168" Wide Lined Draperies	1,382.73	35.19
12 22 13 00-0058	EA	>90" To 99" Long, >144" To 168" Wide Lined Draperies	1,469.07	35.19
12 22 13 00-0059	EA	>99" To 108" Long, >144" To 168" Wide Lined Draperies	1,538.14	35.19
12 22 13 00-0060	EA	>108" To 120" Long, >144" To 168" Wide Lined Draperies	1,607.21	35.19
12 22 13 00-0061	EA	>120" To 130" Long, >144" To 168" Wide Lined Draperies	1,728.09	35.19
12 22 13 00-0062		**>168" To 192" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0063	EA	Up To 39" Long, >168" To 192" Wide Lined Draperies	1,270.91	39.71
12 22 13 00-0064	EA	>39" To 63" Long, >168" To 192" Wide Lined Draperies	1,357.25	39.71
12 22 13 00-0065	EA	>63" To 72" Long, >168" To 192" Wide Lined Draperies	1,409.05	39.71
12 22 13 00-0066	EA	>72" To 81" Long, >168" To 192" Wide Lined Draperies	1,495.39	39.71
12 22 13 00-0067	EA	>81" To 90" Long, >168" To 192" Wide Lined Draperies	1,564.46	39.71
12 22 13 00-0068	EA	>90" To 99" Long, >168" To 192" Wide Lined Draperies	1,650.80	39.71
12 22 13 00-0069	EA	>99" To 108" Long, >168" To 192" Wide Lined Draperies	1,788.94	39.71
12 22 13 00-0070	EA	>108" To 120" Long, >168" To 192" Wide Lined Draperies	1,840.75	39.71
12 22 13 00-0071	EA	>120" To 130" Long, >168" To 192" Wide Lined Draperies	1,961.62	39.71
12 22 13 00-0072		**>192" To 216" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0073	EA	Up To 39" Long, >192" To 216" Wide Lined Draperies	1,435.36	44.24
12 22 13 00-0074	EA	>39" To 63" Long, >192" To 216" Wide Lined Draperies	1,504.44	44.24
12 22 13 00-0075	EA	>63" To 72" Long, >192" To 216" Wide Lined Draperies	1,573.51	44.24
12 22 13 00-0076	EA	>72" To 81" Long, >192" To 216" Wide Lined Draperies	1,677.11	44.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0077	EA	>81" To 90" Long, >192" To 216" Wide Lined Draperies	1,780.72	44.24
12 22 13 00-0078	EA	>90" To 99" Long, >192" To 216" Wide Lined Draperies	1,884.33	44.24
12 22 13 00-0079	EA	>99" To 108" Long, >192" To 216" Wide Lined Draperies	1,970.67	44.24
12 22 13 00-0080	EA	>108" To 120" Long, >192" To 216" Wide Lined Draperies	2,057.01	44.24
12 22 13 00-0081	EA	>120" To 130" Long, >192" To 216" Wide Lined Draperies	2,212.42	44.24
12 22 13 00-0082		>216" To 240" Wide Lined Draperies *(12 22 13 00-0001)*		
12 22 13 00-0083	EA	Up To 39" Long, >216" To 240" Wide Lined Draperies	1,582.56	48.75
12 22 13 00-0084	EA	>39" To 63" Long, >216" To 240" Wide Lined Draperies	1,703.44	48.75
12 22 13 00-0085	EA	>63" To 72" Long, >216" To 240" Wide Lined Draperies	1,755.24	48.75
12 22 13 00-0086	EA	>72" To 81" Long, >216" To 240" Wide Lined Draperies	1,858.85	48.75
12 22 13 00-0087	EA	>81" To 90" Long, >216" To 240" Wide Lined Draperies	1,979.72	48.75
12 22 13 00-0088	EA	>90" To 99" Long, >216" To 240" Wide Lined Draperies	2,083.33	48.75
12 22 13 00-0089	EA	>99" To 108" Long, >216" To 240" Wide Lined Draperies	2,186.94	48.75
12 22 13 00-0090	EA	>108" To 120" Long, >216" To 240" Wide Lined Draperies	2,290.54	48.75
12 22 13 00-0091	EA	>120" To 130" Long, >216" To 240" Wide Lined Draperies	2,463.22	48.75
12 22 16		**Drapery Track and Accessories** *(12 22)*		
12 22 16 00-0001		Metal Wall Or Ceiling Mount Drapery Tracks *(12 22 16)*		
12 22 16 00-0002		Basic Traverse Rod *(12 22 16 00-0001)*		
12 22 16 00-0003	EA	Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	136.52	42.90
12 22 16 00-0004	EA	Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	163.27	42.90
12 22 16 00-0005	EA	Traverse Rod, 84' To 156" Extension Metal Wall Or Ceiling Mounted Track	195.65	47.67
12 22 16 00-0006	EA	Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	279.19	47.67
12 22 16 00-0007	EA	Traverse Rod, 165" To 312" Extension Metal Wall Or Ceiling Mounted Track	287.83	52.43
12 22 16 00-0008		Traverse Rod With Stationary Curtain Rod *(12 22 16 00-0001)*		
12 22 16 00-0009	EA	Tray And Curtain Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	162.15	42.90
12 22 16 00-0010	EA	Tray And Curtain Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	179.43	42.90
12 22 16 00-0011	EA	Tray And Curtain Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	236.33	47.67
12 22 16 00-0012	EA	Tray And Curtain Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	271.66	52.43
12 22 16 00-0013		Double Traverse Rod *(12 22 16 00-0001)*		
12 22 16 00-0014	EA	Double Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	206.18	42.90
12 22 16 00-0015	EA	Double Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	258.57	42.90
12 22 16 00-0016	EA	Double Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	328.02	47.67
12 22 16 00-0017	EA	Double Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	353.59	52.43
12 22 16 00-0018		Curtain Rods *(12 22 16 00-0001)*		
12 22 16 00-0019	LF	Standard Metal Curtain Rod, White	11.64	1.81
12 22 16 00-0020		Relocate Drapery And Rod *(12 22 16 00-0001)*		
12 22 16 00-0021	LF	Relocate Any Type Of Drapery And Any Type Rod Note: Includes storage and cleaning.	28.60	
12 23		**Interior Shutters** *(12 20)*		
12 23 13		**Wood Interior Shutters** *(12 23)*		
12 23 13 00-0001		Interior Plantation Shutters *(12 23 13)* Note: Mixture of white pine and poplar wood, stile: 1-3/4" x 1-1/8" thick, blade: 3/8" x 2-3/8", top and bottom rail: 4" x 1-5/16" thick. 36" To 48" heights do not have center rail, 52" to 80" with center rail. Center rail: 2" x 15/16"		
12 23 13 00-0002		12" Wide *(12 23 13 00-0001)*		
12 23 13 00-0003	PR	12" x 36" Plantation Shutter	263.78	30.40
12 23 13 00-0004	PR	12" x 40" Plantation Shutter	293.71	31.92
12 23 13 00-0005	PR	12" x 44" Plantation Shutter	320.85	33.44
12 23 13 00-0006	PR	12" x 48" Plantation Shutter	348.00	34.96
12 23 13 00-0007	PR	12" x 52" Plantation Shutter	375.13	36.48
12 23 13 00-0008	PR	12" x 56" Plantation Shutter	402.28	38.00
12 23 13 00-0009	PR	12" x 60" Plantation Shutter	404.30	39.52
12 23 13 00-0010	PR	12" x 64" Plantation Shutter	456.56	41.04
12 23 13 00-0011	PR	12" x 68" Plantation Shutter	483.69	42.56
12 23 13 00-0012	PR	12" x 72" Plantation Shutter	510.84	44.08
12 23 13 00-0013	PR	12" x 76" Plantation Shutter	537.98	45.60
12 23 13 00-0014	PR	12" x 80" Plantation Shutter	565.13	47.12
12 23 13 00-0015		14" Wide *(12 23 13 00-0001)*		
12 23 13 00-0016	PR	14" x 36" Plantation Shutter	274.95	30.40
12 23 13 00-0017	PR	14" x 40" Plantation Shutter	304.87	31.92
12 23 13 00-0018	PR	14" x 44" Plantation Shutter	332.01	33.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 23 13 00-0019	PR	14" x 48" Plantation Shutter	359.16	34.96
12 23 13 00-0020	PR	14" x 52" Plantation Shutter	389.08	36.48
12 23 13 00-0021	PR	14" x 56" Plantation Shutter	416.23	38.00
12 23 13 00-0022	PR	14" x 60" Plantation Shutter	443.37	39.52
12 23 13 00-0023	PR	14" x 64" Plantation Shutter	473.30	41.04
12 23 13 00-0024	PR	14" x 68" Plantation Shutter	500.44	42.56
12 23 13 00-0025	PR	14" x 72" Plantation Shutter	527.59	44.08
12 23 13 00-0026	PR	14" x 76" Plantation Shutter	557.52	45.60
12 23 13 00-0027	PR	14" x 80" Plantation Shutter	584.66	47.12
12 23 13 00-0028		**15" Wide** *(12 23 13 00-0001)*		
12 23 13 00-0029	PR	15" x 36" Plantation Shutter	286.11	30.40
12 23 13 00-0030	PR	15" x 40" Plantation Shutter	316.03	31.92
12 23 13 00-0031	PR	15" x 44" Plantation Shutter	343.17	33.44
12 23 13 00-0032	PR	15" x 48" Plantation Shutter	370.32	34.96
12 23 13 00-0033	PR	15" x 52" Plantation Shutter	400.24	36.48
12 23 13 00-0034	PR	15" x 56" Plantation Shutter	430.18	38.00
12 23 13 00-0035	PR	15" x 60" Plantation Shutter	460.11	39.52
12 23 13 00-0036	PR	15" x 64" Plantation Shutter	490.04	41.04
12 23 13 00-0037	PR	15" x 68" Plantation Shutter	519.97	42.56
12 23 13 00-0038	PR	15" x 72" Plantation Shutter	547.13	44.08
12 23 13 00-0039	PR	15" x 76" Plantation Shutter	577.05	45.60
12 23 13 00-0040	PR	15" x 80" Plantation Shutter	606.99	47.12
12 23 13 00-0041		**16" Wide** *(12 23 13 00-0001)*		
12 23 13 00-0042	PR	16" x 36" Plantation Shutter	302.85	30.40
12 23 13 00-0043	PR	16" x 40" Plantation Shutter	335.57	31.92
12 23 13 00-0044	PR	16" x 44" Plantation Shutter	365.49	33.44
12 23 13 00-0045	PR	16" x 48" Plantation Shutter	398.23	34.96
12 23 13 00-0046	PR	16" x 52" Plantation Shutter	428.14	36.48
12 23 13 00-0047	PR	16" x 56" Plantation Shutter	458.09	38.00
12 23 13 00-0048	PR	16" x 60" Plantation Shutter	488.01	39.52
12 23 13 00-0049	PR	16" x 64" Plantation Shutter	523.53	41.04
12 23 13 00-0050	PR	16" x 68" Plantation Shutter	553.46	42.56
12 23 13 00-0051	PR	16" x 72" Plantation Shutter	583.40	44.08
12 23 13 00-0052	PR	16" x 76" Plantation Shutter	616.12	45.60
12 23 13 00-0053	PR	16" x 80" Plantation Shutter	646.05	47.12
12 23 13 00-0054		**18" Wide** *(12 23 13 00-0001)*		
12 23 13 00-0055	PR	18" x 36" Plantation Shutter	327.97	30.40
12 23 13 00-0056	PR	18" x 40" Plantation Shutter	360.68	31.92
12 23 13 00-0057	PR	18" x 44" Plantation Shutter	393.40	33.44
12 23 13 00-0058	PR	18" x 48" Plantation Shutter	428.92	34.96
12 23 13 00-0059	PR	18" x 52" Plantation Shutter	461.63	36.48
12 23 13 00-0060	PR	18" x 56" Plantation Shutter	497.16	38.00
12 23 13 00-0061	PR	18" x 60" Plantation Shutter	529.87	39.52
12 23 13 00-0062	PR	18" x 64" Plantation Shutter	562.60	41.04
12 23 13 00-0063	PR	18" x 68" Plantation Shutter	595.32	42.56
12 23 13 00-0064	PR	18" x 72" Plantation Shutter	630.84	44.08
12 23 13 00-0065	PR	18" x 76" Plantation Shutter	663.56	45.60
12 23 13 00-0066	PR	18" x 80" Plantation Shutter	699.07	47.12
12 23 13 00-0067		**20" Wide** *(12 23 13 00-0001)*		
12 23 13 00-0068	PR	20" x 36" Plantation Shutter	355.87	30.40
12 23 13 00-0069	PR	20" x 40" Plantation Shutter	394.17	31.92
12 23 13 00-0070	PR	20" x 44" Plantation Shutter	429.68	33.44
12 23 13 00-0071	PR	20" x 48" Plantation Shutter	465.20	34.96
12 23 13 00-0072	PR	20" x 52" Plantation Shutter	503.49	36.48
12 23 13 00-0073	PR	20" x 56" Plantation Shutter	539.02	38.00
12 23 13 00-0074	PR	20" x 60" Plantation Shutter	577.31	39.52
12 23 13 00-0075	PR	20" x 64" Plantation Shutter	612.83	41.04
12 23 13 00-0076	PR	20" x 68" Plantation Shutter	651.13	42.56
12 23 13 00-0077	PR	20" x 72" Plantation Shutter	686.65	44.08
12 23 13 00-0078	PR	20" x 76" Plantation Shutter	724.95	45.60
12 23 13 00-0079	PR	20" x 80" Plantation Shutter	760.47	47.12
12 23 13 00-0080		**22" Wide** *(12 23 13 00-0001)*		
12 23 13 00-0081	PR	22" x 36" Plantation Shutter	378.20	30.40
12 23 13 00-0082	PR	22" x 40" Plantation Shutter	419.28	31.92
12 23 13 00-0083	PR	22" x 44" Plantation Shutter	457.58	33.44
12 23 13 00-0084	PR	22" x 48" Plantation Shutter	4,681.71	34.96
12 23 13 00-0085	PR	22" x 52" Plantation Shutter	536.98	36.48
12 23 13 00-0086	PR	22" x 56" Plantation Shutter	575.29	38.00
12 23 13 00-0087	PR	22" x 60" Plantation Shutter	613.59	39.52
12 23 13 00-0088	PR	22" x 64" Plantation Shutter	654.69	41.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 23 13 00-0089	PR	22" x 68" Plantation Shutter	692.98	42.56
12 23 13 00-0090	PR	22" x 72" Plantation Shutter	734.09	44.08
12 23 13 00-0091	PR	22" x 76" Plantation Shutter	772.39	45.60
12 23 13 00-0092	PR	22" x 80" Plantation Shutter	813.49	47.12
12 23 13 00-0093		24" Wide *(12 23 13 00-0001)*		
12 23 13 00-0094	PR	24" x 36" Plantation Shutter	400.52	30.40
12 23 13 00-0095	PR	24" x 40" Plantation Shutter	444.40	31.92
12 23 13 00-0096	PR	24" x 44" Plantation Shutter	485.49	33.44
12 23 13 00-0097	PR	24" x 48" Plantation Shutter	529.38	34.96
12 23 13 00-0098	PR	24" x 52" Plantation Shutter	570.46	36.48
12 23 13 00-0099	PR	24" x 56" Plantation Shutter	611.57	38.00
12 23 13 00-0100	PR	24" x 60" Plantation Shutter	652.66	39.52
12 23 13 00-0101	PR	24" x 64" Plantation Shutter	696.55	41.04
12 23 13 00-0102	PR	24" x 68" Plantation Shutter	737.63	42.56
12 23 13 00-0103	PR	24" x 72" Plantation Shutter	781.53	44.08
12 23 13 00-0104	PR	24" x 76" Plantation Shutter	822.62	45.60
12 23 13 00-0105	PR	24" x 80" Plantation Shutter	866.51	47.12

12 24 Window Shades *(12 20)*

12 24 13 Roller Window Shades *(12 24)*

12 24 13 00-0001 Roller Window Shades *(12 24 13)*

12 24 13 00-0002 Vinyl Coated Fiberglass, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0003	SF	0% Openness, Blackout, Vinyl Coated Fiberglass, Roller Window Shades	14.47	0.60
12 24 13 00-0004	SF	1% To 10% Openness, Vinyl Coated Fiberglass, Roller Window Shades	14.47	0.60

12 24 13 00-0005 Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0006	SF	0% Openness, Blackout, Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades	18.55	0.60

12 24 13 00-0007 Vinyl Coated Polyester, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0008	SF	1% To 10% Openness, Vinyl Coated Polyester, Roller Window Shades	14.47	0.60

12 24 13 00-0009 MechoShade *(12 24 13)*
Note: Includes all hardware required for installation and stainless steel chain operator.

12 24 13 00-0010 ThermoVeil 0700 Series (Blackout) Shade *(12 24 13 00-0009)*

12 24 13 00-0011	EA	3' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	212.01	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0012	EA	3' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	256.43	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0013	EA	3' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	278.64	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0014	EA	3' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	296.83	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0015	EA	4' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	222.10	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0016	EA	4' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	272.58	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0017	EA	4' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	290.76	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0018	EA	4' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	312.98	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0019	EA	5' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	234.22	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0020	EA	5' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	290.75	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0021	EA	5' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	308.93	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0022	EA	5' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	331.15	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0023	EA	6' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	244.31	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0024	EA	6' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	308.92	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0025	EA	6' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	327.10	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0026	EA	6' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	347.30	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0027	EA	7' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	254.41	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0028	EA	7' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	327.09	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0029	EA	7' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	345.27	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0030	EA	7' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	367.49	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0031	EA	8' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	266.52	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0032	EA	8' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	347.28	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0033	EA	8' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	365.46	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0034	EA	8' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	385.66	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0035	EA	9' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	276.62	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0036	EA	9' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	365.46	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0037	EA	9' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	383.63	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0038	EA	9' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	403.83	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0039	EA	10' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	286.71	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0040	EA	10' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	383.63	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0041	EA	10' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	401.80	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0042	EA	10' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	452.29	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0043	EA	11' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	306.90	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0044	EA	11' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	417.95	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0045	EA	11' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	436.12	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0046	EA	11' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	476.52	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0047	EA	12' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	375.55	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0048	EA	12' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	438.14	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0049	EA	12' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	456.31	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0050	EA	12' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade	502.77	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0051		**ThermoVeil 0900 And 3000 Series Shade** *(12 24 13 00-0009)*		
12 24 13 00-0052	EA	3' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	242.29	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0053	EA	3' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	296.81	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0054	EA	3' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	325.08	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0055	EA	3' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	349.32	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0056	EA	3' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	434.13	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0057	EA	3' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	450.28	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0058	EA	4' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	260.46	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0059	EA	4' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	325.08	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0060	EA	4' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	357.38	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0061	EA	4' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	383.64	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0062	EA	4' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	476.53	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0063	EA	4' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	494.70	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0064	EA	5' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	276.62	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0065	EA	5' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	355.36	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0066	EA	5' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	391.71	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0067	EA	5' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	417.97	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0068	EA	5' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	522.97	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0069	EA	5' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	541.13	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0070	EA	6' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	296.80	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0071	EA	6' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	385.64	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0072	EA	6' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	424.01	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0073	EA	6' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	454.31	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0074	EA	6' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	569.41	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0075	EA	6' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	587.57	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0076	EA	7' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	312.96	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0077	EA	7' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	411.89	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0078	EA	7' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	458.33	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0079	EA	7' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	488.63	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0080	EA	7' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	613.82	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0081	EA	7' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	734.96	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0082	EA	8' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	333.15	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0083	EA	8' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	442.18	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0084	EA	8' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	490.64	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0085	EA	8' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	522.95	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0086	EA	8' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	660.26	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0087	EA	8' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	789.47	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0088	EA	9' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	349.30	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0089	EA	9' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	470.44	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0090	EA	9' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	522.94	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0091	EA	9' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	557.28	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0092	EA	9' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	706.70	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0093	EA	9' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	835.91	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0094	EA	10' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	367.47	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0095	EA	10' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	502.75	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0096	EA	10' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	559.28	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0097	EA	10' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	593.62	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0098	EA	10' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	767.27	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0099	EA	10' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	882.35	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0100	EA	11' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	401.79	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0101	EA	11' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	539.09	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0102	EA	11' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	607.74	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0103	EA	11' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	646.11	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0104	EA	11' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	843.99	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0105	EA	11' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	959.07	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0106	EA	12' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	490.63	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0107	EA	12' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	575.43	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0108	EA	12' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	652.16	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0109	EA	12' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	690.53	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0110	EA	12' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	882.35	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0111	EA	12' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade	1,003.49	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0112		EuroVeil 5100, 5200 And 5300 Series Shade *(12 24 13 00-0009)*		
12 24 13 00-0113	EA	3' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	256.42	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0114	EA	3' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	276.62	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0115	EA	3' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	317.00	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0116	EA	3' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	375.57	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0117	EA	3' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	420.00	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0118	EA	3' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	460.37	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0119	EA	4' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	276.62	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0120	EA	4' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	296.81	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0121	EA	4' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	347.29	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0122	EA	4' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	417.97	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0123	EA	4' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	462.40	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0124	EA	4' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	480.56	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0125	EA	5' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	296.80	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0126	EA	5' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	314.98	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0127	EA	5' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	375.55	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0128	EA	5' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	460.37	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0129	EA	5' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	504.80	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0130	EA	5' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	522.96	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0131	EA	6' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	319.01	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0132	EA	6' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	337.19	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0133	EA	6' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	403.82	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0134	EA	6' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	502.77	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0135	EA	6' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	547.20	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0136	EA	6' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	672.37	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0137	EA	7' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	339.20	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0138	EA	7' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	357.38	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0139	EA	7' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	430.07	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0140	EA	7' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	545.16	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0141	EA	7' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	589.60	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0142	EA	7' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	714.77	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0143	EA	8' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	361.41	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0144	EA	8' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	379.59	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0145	EA	8' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	460.35	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0146	EA	8' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	587.56	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0147	EA	8' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	648.15	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0148	EA	8' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	751.11	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0149	EA	9' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	381.60	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0150	EA	9' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	397.76	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0151	EA	9' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	490.64	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0152	EA	9' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	638.04	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0153	EA	9' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	682.47	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0154	EA	9' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	793.51	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0155	EA	10' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	401.79	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0156	EA	10' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	419.97	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0157	EA	10' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	516.88	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0158	EA	10' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	674.38	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0159	EA	10' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	720.83	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0160	EA	10' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	852.06	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0161	EA	11' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	452.27	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0162	EA	11' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	470.44	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0163	EA	11' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	585.53	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0164	EA	11' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	741.01	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0165	EA	11' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	795.53	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0166	EA	11' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	918.69	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0167	EA	12' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	533.03	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0168	EA	12' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	492.65	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0169	EA	12' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	617.83	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0170	EA	12' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	783.41	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0171	EA	12' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	839.95	28.28
		For Installation In Concrete Or Steel, Add	*28.09*	
		For Window Top >10' Above Finished Floor, Add	*14.04*	
12 24 13 00-0172	EA	12' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade	961.09	32.32
		For Installation In Concrete Or Steel, Add	*32.10*	
		For Window Top >10' Above Finished Floor, Add	*16.05*	
12 24 13 00-0173		**Snaplock Fascia** *(12 24 13 00-0009)*		
12 24 13 00-0174	EA	3' Wide Mecho Slimline, Regular Snaplock Fascia	30.29	2.02
		For Installation In Concrete Or Steel, Add	*2.01*	
		For Window Top >10' Above Finished Floor, Add	*1.00*	
12 24 13 00-0175	EA	4' Wide Mecho Slimline, Regular Snaplock Fascia	39.71	2.69
		For Installation In Concrete Or Steel, Add	*2.68*	
		For Window Top >10' Above Finished Floor, Add	*1.34*	
12 24 13 00-0176	EA	5' Wide Mecho Slimline, Regular Snaplock Fascia	49.13	3.36
		For Installation In Concrete Or Steel, Add	*3.34*	
		For Window Top >10' Above Finished Floor, Add	*1.67*	
12 24 13 00-0177	EA	6' Wide Mecho Slimline, Regular Snaplock Fascia	62.59	4.04
		For Installation In Concrete Or Steel, Add	*4.01*	
		For Window Top >10' Above Finished Floor, Add	*2.01*	
12 24 13 00-0178	EA	7' Wide Mecho Slimline, Regular Snaplock Fascia	70.00	4.71
		For Installation In Concrete Or Steel, Add	*4.68*	
		For Window Top >10' Above Finished Floor, Add	*2.34*	
12 24 13 00-0179	EA	8' Wide Mecho Slimline, Regular Snaplock Fascia	81.43	5.39
		For Installation In Concrete Or Steel, Add	*5.35*	
		For Window Top >10' Above Finished Floor, Add	*2.67*	
12 24 13 00-0180	EA	9' Wide Mecho Slimline, Regular Snaplock Fascia	92.88	6.06
		For Installation In Concrete Or Steel, Add	*6.02*	
		For Window Top >10' Above Finished Floor, Add	*3.01*	
12 24 13 00-0181	EA	10' Wide Mecho Slimline, Regular Snaplock Fascia	102.31	6.73
		For Installation In Concrete Or Steel, Add	*6.69*	
		For Window Top >10' Above Finished Floor, Add	*3.34*	
12 24 13 00-0182	EA	11' Wide Mecho Slimline, Regular Snaplock Fascia	111.72	7.40
		For Installation In Concrete Or Steel, Add	*7.35*	
		For Window Top >10' Above Finished Floor, Add	*3.68*	
12 24 13 00-0183	EA	12' Wide Mecho Slimline, Regular Snaplock Fascia	179.70	8.08
		For Installation In Concrete Or Steel, Add	*8.02*	
		For Window Top >10' Above Finished Floor, Add	*4.01*	
12 24 13 00-0184	EA	3' Wide Mecho Extended, Regular Snaplock Fascia	56.53	2.02
		For Installation In Concrete Or Steel, Add	*2.01*	
		For Window Top >10' Above Finished Floor, Add	*1.00*	
12 24 13 00-0185	EA	4' Wide Mecho Extended, Regular Snaplock Fascia	76.05	2.69
		For Installation In Concrete Or Steel, Add	*2.68*	
		For Window Top >10' Above Finished Floor, Add	*1.34*	
12 24 13 00-0186	EA	5' Wide Mecho Extended, Regular Snaplock Fascia	93.55	3.36
		For Installation In Concrete Or Steel, Add	*3.34*	
		For Window Top >10' Above Finished Floor, Add	*1.67*	
12 24 13 00-0187	EA	6' Wide Mecho Extended, Regular Snaplock Fascia	111.05	4.04
		For Installation In Concrete Or Steel, Add	*4.01*	
		For Window Top >10' Above Finished Floor, Add	*2.01*	
12 24 13 00-0188	EA	7' Wide Mecho Extended, Regular Snaplock Fascia	130.57	4.71
		For Installation In Concrete Or Steel, Add	*4.68*	
		For Window Top >10' Above Finished Floor, Add	*2.34*	
12 24 13 00-0189	EA	8' Wide Mecho Extended, Regular Snaplock Fascia	148.06	5.39
		For Installation In Concrete Or Steel, Add	*5.35*	
		For Window Top >10' Above Finished Floor, Add	*2.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0190	EA	9' Wide Mecho Extended, Regular Snaplock Fascia	167.58	6.06
		For Installation In Concrete Or Steel, Add	*6.02*	
		For Window Top >10' Above Finished Floor, Add	*3.01*	
12 24 13 00-0191	EA	10' Wide Mecho Extended, Regular Snaplock Fascia	189.12	6.73
		For Installation In Concrete Or Steel, Add	*6.69*	
		For Window Top >10' Above Finished Floor, Add	*3.34*	
12 24 13 00-0192	EA	11' Wide Mecho Extended, Regular Snaplock Fascia	204.60	7.40
		For Installation In Concrete Or Steel, Add	*7.35*	
		For Window Top >10' Above Finished Floor, Add	*3.68*	
12 24 13 00-0193	EA	12' Wide Mecho Extended, Regular Snaplock Fascia	337.18	8.08
		For Installation In Concrete Or Steel, Add	*8.02*	
		For Window Top >10' Above Finished Floor, Add	*4.01*	
12 24 13 00-0194		**Room Darkening Sill And Side Channel** *(12 24 13 00-0009)*		
12 24 13 00-0195	EA	36" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	40.39	6.06
		For Installation In Concrete Or Steel, Add	*6.02*	
		For Window Top >10' Above Finished Floor, Add	*3.01*	
12 24 13 00-0196	EA	48" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	52.50	8.08
		For Installation In Concrete Or Steel, Add	*8.02*	
		For Window Top >10' Above Finished Floor, Add	*4.01*	
12 24 13 00-0197	EA	60" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	68.67	10.11
		For Installation In Concrete Or Steel, Add	*10.03*	
		For Window Top >10' Above Finished Floor, Add	*5.02*	
12 24 13 00-0198	EA	72" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	82.79	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0199	EA	84" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	94.91	14.15
		For Installation In Concrete Or Steel, Add	*14.04*	
		For Window Top >10' Above Finished Floor, Add	*7.02*	
12 24 13 00-0200	EA	96" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	109.04	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0201	EA	108" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	123.18	18.19
		For Installation In Concrete Or Steel, Add	*18.05*	
		For Window Top >10' Above Finished Floor, Add	*9.03*	
12 24 13 00-0202	EA	120" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	135.29	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0203	EA	132" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	147.41	22.23
		For Installation In Concrete Or Steel, Add	*22.06*	
		For Window Top >10' Above Finished Floor, Add	*11.03*	
12 24 13 00-0204	EA	144" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel	161.55	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0205	EA	36" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	40.39	6.06
		For Installation In Concrete Or Steel, Add	*6.02*	
		For Window Top >10' Above Finished Floor, Add	*3.01*	
12 24 13 00-0206	EA	48" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	86.82	8.08
		For Installation In Concrete Or Steel, Add	*8.02*	
		For Window Top >10' Above Finished Floor, Add	*4.01*	
12 24 13 00-0207	EA	60" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	109.05	10.11
		For Installation In Concrete Or Steel, Add	*10.03*	
		For Window Top >10' Above Finished Floor, Add	*5.02*	
12 24 13 00-0208	EA	72" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	127.21	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0209	EA	84" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	151.44	14.15
		For Installation In Concrete Or Steel, Add	*14.04*	
		For Window Top >10' Above Finished Floor, Add	*7.02*	
12 24 13 00-0210	EA	96" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	171.63	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0211	EA	108" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	203.94	18.19
		For Installation In Concrete Or Steel, Add	*18.05*	
		For Window Top >10' Above Finished Floor, Add	*9.03*	
12 24 13 00-0212	EA	120" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	226.15	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0213	EA	132" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	250.38	22.23
		For Installation In Concrete Or Steel, Add	*22.06*	
		For Window Top >10' Above Finished Floor, Add	*11.03*	
12 24 13 00-0214	EA	144" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel	270.58	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0215	EA	36" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	52.50	6.06
		For Installation In Concrete Or Steel, Add	*6.02*	
		For Window Top >10' Above Finished Floor, Add	*3.01*	
12 24 13 00-0216	EA	48" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	72.69	8.08
		For Installation In Concrete Or Steel, Add	*8.02*	
		For Window Top >10' Above Finished Floor, Add	*4.01*	
12 24 13 00-0217	EA	60" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	90.87	10.11
		For Installation In Concrete Or Steel, Add	*10.03*	
		For Window Top >10' Above Finished Floor, Add	*5.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24 13 00-0218	EA	72" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	109.04	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0219	EA	84" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	125.19	14.15
		For Installation In Concrete Or Steel, Add	*14.04*	
		For Window Top >10' Above Finished Floor, Add	*7.02*	
12 24 13 00-0220	EA	96" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	143.36	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0221	EA	108" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	161.54	18.19
		For Installation In Concrete Or Steel, Add	*18.05*	
		For Window Top >10' Above Finished Floor, Add	*9.03*	
12 24 13 00-0222	EA	120" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	177.69	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0223	EA	132" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	195.86	22.23
		For Installation In Concrete Or Steel, Add	*22.06*	
		For Window Top >10' Above Finished Floor, Add	*11.03*	
12 24 13 00-0224	EA	144" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel	216.07	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	
12 24 13 00-0225	EA	36" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	94.90	6.06
		For Installation In Concrete Or Steel, Add	*6.02*	
		For Window Top >10' Above Finished Floor, Add	*3.01*	
12 24 13 00-0226	EA	48" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	123.17	8.08
		For Installation In Concrete Or Steel, Add	*8.02*	
		For Window Top >10' Above Finished Floor, Add	*4.01*	
12 24 13 00-0227	EA	60" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	153.46	10.11
		For Installation In Concrete Or Steel, Add	*10.03*	
		For Window Top >10' Above Finished Floor, Add	*5.02*	
12 24 13 00-0228	EA	72" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	187.78	12.13
		For Installation In Concrete Or Steel, Add	*12.04*	
		For Window Top >10' Above Finished Floor, Add	*6.02*	
12 24 13 00-0229	EA	84" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	216.05	14.15
		For Installation In Concrete Or Steel, Add	*14.04*	
		For Window Top >10' Above Finished Floor, Add	*7.02*	
12 24 13 00-0230	EA	96" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	248.35	16.17
		For Installation In Concrete Or Steel, Add	*16.05*	
		For Window Top >10' Above Finished Floor, Add	*8.02*	
12 24 13 00-0231	EA	108" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	278.64	18.19
		For Installation In Concrete Or Steel, Add	*18.05*	
		For Window Top >10' Above Finished Floor, Add	*9.03*	
12 24 13 00-0232	EA	120" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	310.95	20.21
		For Installation In Concrete Or Steel, Add	*20.06*	
		For Window Top >10' Above Finished Floor, Add	*10.03*	
12 24 13 00-0233	EA	132" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	339.21	22.23
		For Installation In Concrete Or Steel, Add	*22.06*	
		For Window Top >10' Above Finished Floor, Add	*11.03*	
12 24 13 00-0234	EA	144" Wide, 5" Double Mecho Room Darkening Sill And Side Channel	369.51	24.24
		For Installation In Concrete Or Steel, Add	*24.07*	
		For Window Top >10' Above Finished Floor, Add	*12.04*	

12 25 Window Treatment Operating Hardware *(12 20)*

12 25 09 Window Treatment Control System *(12 25)*

12 25 09 00-0001 Motorized Lightproof Shades *(12 25 09)*

12 25 09 00-0002	SF	Motorized Lightproof Shades, Up To 144" Width	38.42	2.38

12 25 13 Motorized Drapery Rods *(12 25)*

12 25 13 00-0001 Motorized Drapery Track *(12 25 13)*

12 25 13 00-0002	EA	2' To 4' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,303.51	101.33
12 25 13 00-0003	EA	>4' To 5' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,358.63	111.46
12 25 13 00-0004	EA	>5' To 6' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,413.75	121.60
12 25 13 00-0005	EA	>6' To 7' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,468.84	131.73
12 25 13 00-0006	EA	>7' To 8' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,523.96	141.87
12 25 13 00-0007	EA	>8' To 9' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,579.08	152.00
12 25 13 00-0008	EA	>9' To 10' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,634.19	162.13
12 25 13 00-0009	EA	>10' To 11' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,689.31	172.27
12 25 13 00-0010	EA	>11' To 12' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,744.42	182.40
12 25 13 00-0011	EA	>12' To 13' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,799.53	192.54
12 25 13 00-0012	EA	>13' To 14' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,854.65	202.67
12 25 13 00-0013	EA	>14' To 15' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,909.76	212.80
12 25 13 00-0014	EA	>15' To 16' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,964.87	222.94
12 25 13 00-0015	EA	>16' To 17' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,019.98	233.07
12 25 13 00-0016	EA	>17' To 18' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,075.10	243.21
12 25 13 00-0017	EA	>18' To 19' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,130.21	253.33
12 25 13 00-0018	EA	>19' To 20' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,185.33	263.46
12 25 13 00-0019	EA	>20' To 21' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,240.45	273.60
12 25 13 00-0020	EA	>21' To 22' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,295.56	283.73
12 25 13 00-0021	EA	>22' To 23' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,350.66	293.87

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 25 13 00-0022	EA	>23' To 24' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,405.78	304.00

12 30 Casework *(12)*

12 31 Manufactured Metal Casework *(12 30)*

12 31 16 Manufactured Metal Sandwich Panel Casework *(12 31)*

12 31 16 00-0001 34-1/2" High x 24" Deep, Stainless Steel Cabinets *(12 31 16)*

12 31 16 00-0002 18 Gauge, #4 Finish, 304 Stainless Steel Base Cabinets *(12 31 16 00-0001)*

12 31 16 00-0003 18" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0004	EA	18" Stainless Steel Base Cabinet, No Doors Or Drawers	1,638.47	226.09
		For 16 Gauge Stainless Steel, Add	*255.02*	
		For >5 To 9, Deduct	*-62.27*	
		For >9, Deduct	*-124.55*	
12 31 16 00-0005	EA	18" Stainless Steel Base Cabinet, With 4 Drawers	2,645.96	226.09
		For 16 Gauge Stainless Steel, Add	*471.63*	
		For >5 To 9, Deduct	*-115.17*	
		For >9, Deduct	*-230.33*	
12 31 16 00-0006	EA	18" Stainless Steel Base Cabinet, With 3 Drawers	2,455.85	226.09
		For 16 Gauge Stainless Steel, Add	*430.76*	
		For >5 To 9, Deduct	*-105.19*	
		For >9, Deduct	*-210.37*	
12 31 16 00-0007	EA	18" Stainless Steel Base Cabinet, With 2 Drawers	2,265.75	226.09
		For 16 Gauge Stainless Steel, Add	*389.89*	
		For >5 To 9, Deduct	*-95.21*	
		For >9, Deduct	*-190.41*	
12 31 16 00-0008	EA	18" Stainless Steel Base Cabinet, With Doors And Drawers	2,201.24	226.09
		For 16 Gauge Stainless Steel, Add	*376.02*	
		For >5 To 9, Deduct	*-91.82*	
		For >9, Deduct	*-183.64*	

12 31 16 00-0009 24" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0010	EA	24" Stainless Steel Base Cabinet, With Doors And Locks	2,359.19	244.35
		For 16 Gauge Stainless Steel, Add	*402.08*	
		For >5 To 9, Deduct	*-98.18*	
		For >9, Deduct	*-196.36*	
12 31 16 00-0011	EA	24" Stainless Steel Base Cabinet, With Door, No Locks	2,127.22	244.35
		For 16 Gauge Stainless Steel, Add	*352.20*	
		For >5 To 9, Deduct	*-86.00*	
		For >9, Deduct	*-172.01*	
12 31 16 00-0012	EA	24" Stainless Steel Base Cabinet, With Two Doors, No Locks	2,178.00	244.35
		For 16 Gauge Stainless Steel, Add	*363.12*	
		For >5 To 9, Deduct	*-88.67*	
		For >9, Deduct	*-177.34*	
12 31 16 00-0013	EA	24" Stainless Steel Base Cabinet, No Doors, 2 Drawers	2,414.09	244.35
		For 16 Gauge Stainless Steel, Add	*413.88*	
		For >5 To 9, Deduct	*-101.06*	
		For >9, Deduct	*-202.13*	
12 31 16 00-0014	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	3,129.90	244.35
		For 16 Gauge Stainless Steel, Add	*567.78*	
		For >5 To 9, Deduct	*-138.64*	
		For >9, Deduct	*-277.29*	
12 31 16 00-0015	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, With Locks	3,436.68	244.35
		For 16 Gauge Stainless Steel, Add	*633.74*	
		For >5 To 9, Deduct	*-154.75*	
		For >9, Deduct	*-309.50*	

12 31 16 00-0016 30" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0017	EA	30" Stainless Steel Base Cabinet, No Doors, No Drawers	2,081.11	257.50
		For 16 Gauge Stainless Steel, Add	*336.76*	
		For >5 To 9, Deduct	*-82.23*	
		For >9, Deduct	*-164.46*	
12 31 16 00-0018	EA	30" Stainless Steel Base Cabinet, With 4 Full Size Drawers	3,011.73	257.50
		For 16 Gauge Stainless Steel, Add	*536.84*	
		For >5 To 9, Deduct	*-131.09*	
		For >9, Deduct	*-262.18*	
12 31 16 00-0019	EA	30" Stainless Steel Base Cabinet, With Doors, Drawers And Locks	3,867.55	257.50
		For 16 Gauge Stainless Steel, Add	*720.84*	
		For >5 To 9, Deduct	*-176.02*	
		For >9, Deduct	*-352.04*	
12 31 16 00-0020	EA	30" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	3,560.77	257.50
		For 16 Gauge Stainless Steel, Add	*654.88*	
		For >5 To 9, Deduct	*-159.91*	
		For >9, Deduct	*-319.83*	
12 31 16 00-0021	EA	30" Stainless Steel Base Cabinet, With Doors And One Full Size Drawer	3,370.67	257.50
		For 16 Gauge Stainless Steel, Add	*614.01*	
		For >5 To 9, Deduct	*-149.93*	
		For >9, Deduct	*-299.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0022	EA	30" Stainless Steel Base Cabinet, With Doors, No Locks	2,599.26	257.50
		For 16 Gauge Stainless Steel, Add	*448.16*	
		For >5 To 9, Deduct	*-109.43*	
		For >9, Deduct	*-218.87*	
12 31 16 00-0023	EA	30" Stainless Steel Base Cabinet, With Doors And Locks	2,575.93	257.50
		For 16 Gauge Stainless Steel, Add	*443.14*	
		For >5 To 9, Deduct	*-108.21*	
		For >9, Deduct	*-216.42*	
12 31 16 00-0024		36" Stainless Steel Base Cabinet *(12 31 16 00-0002)*		
12 31 16 00-0025	EA	36" Stainless Steel Base Cabinet, No Doors, No Drawers	2,297.25	267.72
		For 16 Gauge Stainless Steel, Add	*378.68*	
		For >5 To 9, Deduct	*-92.47*	
		For >9, Deduct	*-184.94*	
12 31 16 00-0026	EA	36" Stainless Steel Base Cabinet, With Doors And Locks	2,792.76	267.72
		For 16 Gauge Stainless Steel, Add	*485.21*	
		For >5 To 9, Deduct	*-118.48*	
		For >9, Deduct	*-236.96*	
12 31 16 00-0027	EA	36" Stainless Steel Base Cabinet, With Door, No Lock	2,610.21	267.72
		For 16 Gauge Stainless Steel, Add	*445.96*	
		For >5 To 9, Deduct	*-108.90*	
		For >9, Deduct	*-217.80*	
12 31 16 00-0028	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	4,081.63	267.72
		For 16 Gauge Stainless Steel, Add	*762.32*	
		For >5 To 9, Deduct	*-186.15*	
		For >9, Deduct	*-372.30*	
12 31 16 00-0029	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers, No Locks	3,775.54	267.72
		For 16 Gauge Stainless Steel, Add	*696.51*	
		For >5 To 9, Deduct	*-170.08*	
		For >9, Deduct	*-340.16*	
12 31 16 00-0030		42" Stainless Steel Base Cabinet *(12 31 16 00-0002)*		
12 31 16 00-0031	EA	42" Stainless Steel Base Cabinet, No Doors, No Drawers	2,411.92	284.51
		For 16 Gauge Stainless Steel, Add	*396.21*	
		For >5 To 9, Deduct	*-96.75*	
		For >9, Deduct	*-193.50*	
12 31 16 00-0032	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	4,305.42	284.51
		For 16 Gauge Stainless Steel, Add	*803.31*	
		For >5 To 9, Deduct	*-196.16*	
		For >9, Deduct	*-392.31*	
12 31 16 00-0033	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	3,998.65	284.51
		For 16 Gauge Stainless Steel, Add	*737.36*	
		For >5 To 9, Deduct	*-180.05*	
		For >9, Deduct	*-360.10*	
12 31 16 00-0034	EA	42" Stainless Steel Base Cabinet, No Doors, 2 Drawers	3,680.89	284.51
		For 16 Gauge Stainless Steel, Add	*669.04*	
		For >5 To 9, Deduct	*-163.37*	
		For >9, Deduct	*-326.74*	
12 31 16 00-0035	EA	42" Stainless Steel Base Cabinet, With Doors, No Lock	2,834.68	284.51
		For 16 Gauge Stainless Steel, Add	*487.10*	
		For >5 To 9, Deduct	*-118.94*	
		For >9, Deduct	*-237.89*	
12 31 16 00-0036	EA	42" Stainless Steel Base Cabinet, With Doors And Lock	3,014.49	284.51
		For 16 Gauge Stainless Steel, Add	*525.76*	
		For >5 To 9, Deduct	*-128.38*	
		For >9, Deduct	*-256.77*	
12 31 16 00-0037		48" Stainless Steel Base Cabinet *(12 31 16 00-0002)*		
12 31 16 00-0038	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	4,514.57	291.09
		For 16 Gauge Stainless Steel, Add	*845.55*	
		For >5 To 9, Deduct	*-206.47*	
		For >9, Deduct	*-412.94*	
12 31 16 00-0039	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	4,208.48	291.09
		For 16 Gauge Stainless Steel, Add	*779.74*	
		For >5 To 9, Deduct	*-190.40*	
		For >9, Deduct	*-380.80*	
12 31 16 00-0040	EA	48" Stainless Steel Base Cabinet, No Doors, No Drawers	2,621.07	291.09
		For 16 Gauge Stainless Steel, Add	*438.45*	
		For >5 To 9, Deduct	*-107.06*	
		For >9, Deduct	*-214.13*	
12 31 16 00-0041	EA	48" Stainless Steel Base Cabinet, No Doors, 2 Drawers	3,890.73	291.09
		For 16 Gauge Stainless Steel, Add	*711.42*	
		For >5 To 9, Deduct	*-173.72*	
		For >9, Deduct	*-347.44*	
12 31 16 00-0042	EA	48" Stainless Steel Base Cabinet, With Doors, And Lock	3,225.70	291.09
		For 16 Gauge Stainless Steel, Add	*568.44*	
		For >5 To 9, Deduct	*-138.81*	
		For >9, Deduct	*-277.61*	
12 31 16 00-0043	EA	48" Stainless Steel Base Cabinet, With Doors, No Locks	3,176.29	291.09
		For 16 Gauge Stainless Steel, Add	*557.82*	
		For >5 To 9, Deduct	*-136.21*	
		For >9, Deduct	*-272.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0044		**60" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0045	EA	24" Deep x 60" Wide Stainless Steel Sink Base Cabinet	3,144.11	299.96
		For 16 Gauge Stainless Steel, Add	*547.07*	
		For >5 To 9, Deduct	*-133.59*	
		For >9, Deduct	*-267.17*	
12 31 16 00-0046		**18 Gauge, #4 Finish, 304 Stainless Steel Wall Cabinets** *(12 31 16 00-0001)*		
12 31 16 00-0047		**12" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0048	EA	12"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,259.31	86.07
		For 16 Gauge Stainless Steel, Add	*233.74*	
		For >5 To 9, Deduct	*-57.08*	
		For >9, Deduct	*-114.15*	
12 31 16 00-0049	EA	12"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,255.10	91.29
		For 16 Gauge Stainless Steel, Add	*230.59*	
		For >5 To 9, Deduct	*-56.31*	
		For >9, Deduct	*-112.61*	
12 31 16 00-0050		**18" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0051	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,320.44	92.54
		For 16 Gauge Stainless Steel, Add	*244.07*	
		For >5 To 9, Deduct	*-59.60*	
		For >9, Deduct	*-119.20*	
12 31 16 00-0052	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,245.63	92.54
		For 16 Gauge Stainless Steel, Add	*227.99*	
		For >5 To 9, Deduct	*-55.67*	
		For >9, Deduct	*-111.34*	
12 31 16 00-0053	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,460.27	100.68
		For 16 Gauge Stainless Steel, Add	*270.65*	
		For >5 To 9, Deduct	*-66.09*	
		For >9, Deduct	*-132.18*	
12 31 16 00-0054	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,414.28	100.68
		For 16 Gauge Stainless Steel, Add	*260.76*	
		For >5 To 9, Deduct	*-63.68*	
		For >9, Deduct	*-127.35*	
12 31 16 00-0055		**24" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0056	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Door	1,099.21	102.46
		For 16 Gauge Stainless Steel, Add	*192.29*	
		For >5 To 9, Deduct	*-46.95*	
		For >9, Deduct	*-93.91*	
12 31 16 00-0057	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,490.40	102.46
		For 16 Gauge Stainless Steel, Add	*276.39*	
		For >5 To 9, Deduct	*-67.49*	
		For >9, Deduct	*-134.98*	
12 31 16 00-0058	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,416.28	102.46
		For 16 Gauge Stainless Steel, Add	*260.46*	
		For >5 To 9, Deduct	*-63.60*	
		For >9, Deduct	*-127.20*	
12 31 16 00-0059	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,403.05	95.67
		For 16 Gauge Stainless Steel, Add	*260.47*	
		For >5 To 9, Deduct	*-63.60*	
		For >9, Deduct	*-127.21*	
12 31 16 00-0060	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,324.12	95.67
		For 16 Gauge Stainless Steel, Add	*243.50*	
		For >5 To 9, Deduct	*-59.46*	
		For >9, Deduct	*-118.92*	
12 31 16 00-0061	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Glass Door, No Lock	1,694.04	95.67
		For 16 Gauge Stainless Steel, Add	*323.04*	
		For >5 To 9, Deduct	*-78.88*	
		For >9, Deduct	*-157.76*	
12 31 16 00-0062	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,007.05	95.67
		For 16 Gauge Stainless Steel, Add	*175.33*	
		For >5 To 9, Deduct	*-42.81*	
		For >9, Deduct	*-85.63*	
12 31 16 00-0063	EA	24"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	948.32	91.29
		For 16 Gauge Stainless Steel, Add	*164.63*	
		For >5 To 9, Deduct	*-40.20*	
		For >9, Deduct	*-80.40*	
12 31 16 00-0064		**30" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0065	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,931.58	108.82
		For 16 Gauge Stainless Steel, Add	*368.49*	
		For >5 To 9, Deduct	*-89.98*	
		For >9, Deduct	*-179.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0066	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,751.77	108.82
		For 16 Gauge Stainless Steel, Add	*329.83*	
		For >5 To 9, Deduct	*-80.54*	
		For >9, Deduct	*-161.08*	
12 31 16 00-0067	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,180.09	108.82
		For 16 Gauge Stainless Steel, Add	*206.92*	
		For >5 To 9, Deduct	*-50.53*	
		For >9, Deduct	*-101.06*	
12 31 16 00-0068	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,837.13	100.16
		For 16 Gauge Stainless Steel, Add	*351.90*	
		For >5 To 9, Deduct	*-85.93*	
		For >9, Deduct	*-171.86*	
12 31 16 00-0069	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Lock	1,657.32	100.16
		For 16 Gauge Stainless Steel, Add	*313.24*	
		For >5 To 9, Deduct	*-76.49*	
		For >9, Deduct	*-152.98*	
12 31 16 00-0070	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,085.63	100.16
		For 16 Gauge Stainless Steel, Add	*190.33*	
		For >5 To 9, Deduct	*-46.48*	
		For >9, Deduct	*-92.95*	
12 31 16 00-0071	EA	30"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	1,026.55	95.47
		For 16 Gauge Stainless Steel, Add	*179.68*	
		For >5 To 9, Deduct	*-43.87*	
		For >9, Deduct	*-87.75*	
12 31 16 00-0072		**36" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0073	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,008.65	111.95
		For 16 Gauge Stainless Steel, Add	*383.72*	
		For >5 To 9, Deduct	*-93.70*	
		For >9, Deduct	*-187.40*	
12 31 16 00-0074	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,824.72	111.95
		For 16 Gauge Stainless Steel, Add	*344.18*	
		For >5 To 9, Deduct	*-84.04*	
		For >9, Deduct	*-168.09*	
12 31 16 00-0075	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,257.15	111.95
		For 16 Gauge Stainless Steel, Add	*222.15*	
		For >5 To 9, Deduct	*-54.25*	
		For >9, Deduct	*-108.49*	
12 31 16 00-0076	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,913.16	102.46
		For 16 Gauge Stainless Steel, Add	*367.29*	
		For >5 To 9, Deduct	*-89.69*	
		For >9, Deduct	*-179.37*	
12 31 16 00-0077	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,734.04	102.46
		For 16 Gauge Stainless Steel, Add	*328.78*	
		For >5 To 9, Deduct	*-80.28*	
		For >9, Deduct	*-160.56*	
12 31 16 00-0078	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,161.66	102.46
		For 16 Gauge Stainless Steel, Add	*205.71*	
		For >5 To 9, Deduct	*-50.23*	
		For >9, Deduct	*-100.47*	
12 31 16 00-0079	EA	36"W x 12"D x 18"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,103.84	97.55
		For 16 Gauge Stainless Steel, Add	*195.37*	
		For >5 To 9, Deduct	*-47.71*	
		For >9, Deduct	*-95.41*	
12 31 16 00-0080		**42" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0081	EA	42"W x 12"D x 42"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,106.66	140.85
		For 16 Gauge Stainless Steel, Add	*392.41*	
		For >5 To 9, Deduct	*-95.82*	
		For >9, Deduct	*-191.64*	
12 31 16 00-0082	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,109.84	132.92
		For 16 Gauge Stainless Steel, Add	*396.49*	
		For >5 To 9, Deduct	*-96.82*	
		For >9, Deduct	*-193.63*	
12 31 16 00-0083	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,927.28	132.92
		For 16 Gauge Stainless Steel, Add	*357.24*	
		For >5 To 9, Deduct	*-87.23*	
		For >9, Deduct	*-174.47*	
12 31 16 00-0084	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,356.96	132.92
		For 16 Gauge Stainless Steel, Add	*234.62*	
		For >5 To 9, Deduct	*-57.29*	
		For >9, Deduct	*-114.58*	
12 31 16 00-0085	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,988.37	111.63
		For 16 Gauge Stainless Steel, Add	*379.50*	
		For >5 To 9, Deduct	*-92.67*	
		For >9, Deduct	*-185.34*	
12 31 16 00-0086	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,807.19	111.63
		For 16 Gauge Stainless Steel, Add	*340.55*	
		For >5 To 9, Deduct	*-83.16*	
		For >9, Deduct	*-166.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0087	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,236.87	111.63
		For 16 Gauge Stainless Steel, Add	*217.93*	
		For >5 To 9, Deduct	*-53.22*	
		For >9, Deduct	*-106.43*	
12 31 16 00-0088		48" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*		
12 31 16 00-0089	EA	48"W x 12"D x 42"H Stainless Steel Wall Cabinet, No Doors, No Locks	1,855.34	140.85
		For 16 Gauge Stainless Steel, Add	*337.16*	
		For >5 To 9, Deduct	*-82.33*	
		For >9, Deduct	*-164.66*	
12 31 16 00-0090	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,185.39	135.84
		For 16 Gauge Stainless Steel, Add	*411.44*	
		For >5 To 9, Deduct	*-100.47*	
		For >9, Deduct	*-200.94*	
12 31 16 00-0091	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,005.58	135.84
		For 16 Gauge Stainless Steel, Add	*372.78*	
		For >5 To 9, Deduct	*-91.03*	
		For >9, Deduct	*-182.06*	
12 31 16 00-0092	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,433.89	135.84
		For 16 Gauge Stainless Steel, Add	*249.87*	
		For >5 To 9, Deduct	*-61.01*	
		For >9, Deduct	*-122.03*	
12 31 16 00-0093	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,063.13	112.68
		For 16 Gauge Stainless Steel, Add	*395.09*	
		For >5 To 9, Deduct	*-96.48*	
		For >9, Deduct	*-192.95*	
12 31 16 00-0094	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,884.00	112.68
		For 16 Gauge Stainless Steel, Add	*356.58*	
		For >5 To 9, Deduct	*-87.07*	
		For >9, Deduct	*-174.14*	
12 31 16 00-0095	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,311.63	112.68
		For 16 Gauge Stainless Steel, Add	*233.52*	
		For >5 To 9, Deduct	*-57.02*	
		For >9, Deduct	*-114.04*	
12 31 16 00-0096		Accessories *(12 31 16 00-0001)*		
12 31 16 00-0097		Stainless Steel Countertops *(12 31 16 00-0096)*		
		Note: Includes all finishes, finished ends and all edge types such as straight, bullnose, eased, marine, etc. Excludes sinks.		
12 31 16 00-0098	SF	16 Gauge Stainless Steel Countertop With Backsplash	123.28	5.74
		For 14 Gauge Stainless Steel, Add	*24.71*	
12 31 16 00-0099	SF	16 Gauge Stainless Steel Countertop Without Backsplash	112.82	5.74
		For 14 Gauge Stainless Steel, Add	*22.40*	
12 31 16 00-0100	EA	Cutout For Sink And/Or Faucet In Stainless Steel Countertop	150.72	
12 31 16 00-0101		Stainless Steel Wall Panels *(12 31 16 00-0096)*		
12 31 16 00-0102	SF	20 Gauge Stainless Steel Wall Panel	32.54	8.55
		For 18 Gauge Stainless Steel, Add	*4.20*	
		For 16 Gauge Stainless Steel, Add	*8.08*	
12 31 16 00-0103		Pedestal Legs *(12 31 16 00-0096)*		
12 31 16 00-0104	EA	Type #304 Stainless Steel Pedestal Leg	274.08	13.04
12 31 16 00-0105		Stainless Steel Slanted Cabinet Top Enclosure *(12 31 16 00-0096)*		
12 31 16 00-0106	EA	Stainless Steel Slanted Cabinet Top Enclosure, 5' Sections	301.63	25.13
12 35		**Specialty Casework** *(12 30)*		
12 35 70		**Healthcare Casework** *(12 35)*		
12 35 70 13		**Hospital Casework** *(12 35 70)*		
12 35 70 13-0001		Modular Casework *(12 35 70 13)*		
		Note: Midmark.		
12 35 70 13-0002	EA	36" High, 2 Doors, Base Sink Unit (Midmark MC-SBS005-243624)	889.52	91.64
12 35 70 13-0003	EA	36" High, 2 Doors, Base Sink Unit (Midmark MC-SBS005-363624)	1,103.39	114.54
12 35 70 13-0004	EA	36" High, 2 Doors, Base Sink Unit With Tap Master Valve (Midmark MC-SBS009-243624)	1,543.52	91.64
12 35 70 13-0005	EA	36" High Base Sink Unit, 2 Doors With Tap Master Valve (Midmark MC-SBS009-363624)	1,773.08	114.54
12 35 70 13-0006	EA	36" High Base Storage Unit, 1 Door (Midmark MC-SBP006-243624)	1,005.93	91.64
12 35 70 13-0007	EA	36" High Base Storage Unit, 2 Doors (Midmark MC-SBP007-363624)	1,351.91	114.54
12 35 70 13-0008	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door (Midmark MC-SBP012-153624)	1,009.86	91.64
12 35 70 13-0009	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door (Midmark MC-SBP012-183624)	1,087.03	91.64
12 35 70 13-0010	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door (Midmark MC-SBP012-213624)	1,153.74	91.64
12 35 70 13-0011	EA	36" High Base Storage Unit, 1 4" Drawer, 2 Doors (Midmark MC-SBP013-303624)	1,442.16	114.54
12 35 70 13-0012	EA	36" High Base Storage Unit, 1 4" Drawer, 2 Doors (Midmark MC-SBP013-363624)	1,464.40	114.54
12 35 70 13-0013	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors (Midmark MC-SBP020-243624)	1,353.86	91.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 13-0014	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors (Midmark MC-SBP020-303624)	1,572.96	114.54
12 35 70 13-0015	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors (Midmark MC-SBP020-363624)	1,621.36	114.54
12 35 70 13-0016	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers (Midmark MC-SBP024-123624)	1,185.13	91.64
12 35 70 13-0017	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers (Midmark MC-SBP024-153624)	1,219.14	91.64
12 35 70 13-0018	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers (Midmark MC-SBP024-183624)	1,306.77	91.64
12 35 70 13-0019	EA	36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers (Midmark MC-SBP025-303624)	2,175.95	114.54
12 35 70 13-0020	EA	36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers (Midmark MC-SBP025-363624)	2,298.90	114.54
12 35 70 13-0021	EA	36" High Base Storage Unit, 5 4" Drawer (Midmark MC-SBP032-153624)	1,527.82	91.64
12 35 70 13-0022	EA	36" High Base Storage Unit, 5 4" Drawer (Midmark MC-SBP032-183624)	1,618.08	91.64
12 35 70 13-0023	EA	36" High Base Storage Unit, 5 4" Drawer (Midmark MC-SBP032-213624)	1,773.73	91.64
12 35 70 13-0024	EA	84" High Tall Storage Unit, 2 Doors (Midmark MC-STP032-368424)	3,110.64	274.90
12 35 70 13-0025	EA	84" High Tall Storage Unit, Open Upper With Pull Out Shelf, 1 4" Drawer, 2 Doors (Midmark MC-STP081-248424)	2,858.20	274.90
12 35 70 13-0026	EA	Desk Filler Panel (Midmark MC-SDA003-060501)	117.09	22.91
12 35 70 13-0027	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-123014)	648.85	91.64
12 35 70 13-0028	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-153014)	637.08	91.64
12 35 70 13-0029	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-183014)	678.93	91.64
12 35 70 13-0030	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-213014)	735.18	91.64
12 35 70 13-0031	EA	30" High Overhead Unit, 2 Doors (Midmark MC-SOHO42-243014)	799.27	91.64
12 35 70 13-0032	EA	30" High Overhead Unit, 2 Doors (Midmark MC-SOHO42-303014)	915.04	114.54
12 35 70 13-0033	EA	30" High Overhead Unit, 2 Doors (Midmark MC-SOHO42-363014)	992.21	114.54
12 35 70 13-0034	EA	30" High Overhead Unit, 2 Window Doors (Midmark MC-SOHO44-303014)	1,217.18	114.54
12 35 70 13-0035	EA	30" High Overhead Unit, 2 Window Doors (Midmark MC-SOHO44-363014)	1,353.22	114.54
12 35 70 13-0036	LF	19" Self Edge Laminate Countertop With Backsplash	165.49	15.07
12 35 70 13-0037	LF	25" Self Edge Laminate Countertop With Backsplash	325.29	20.09
12 35 70 13-0038	SF	Melamine Wall Cabinet Inner Soffit Note: Includes blocking	35.07	12.57

12 35 70 19 Exam Room Casework *(12 35 70)*

12 35 70 19-0001 Medical Exam Room Cabinetwork *(12 35 70 19)*

12 35 70 19-0002 Medical Exam Room Wall Cabinets *(12 35 70 19-0001)*

12 35 70 19-0003 Medical Exam Room Wall Cabinets (Clinton Industries®) *(12 35 70 19-0002)*

Note: Includes all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls and flush-face doors.

12 35 70 19-0004	EA	24" Width, 12" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8212)	498.12	31.15
		For Additional Shelf, Add	*45.31*	
		For Lock And Inside Latch Combo For Double Doors, Add	*104.80*	
12 35 70 19-0005	EA	24" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8224)	543.43	31.15
		For Additional Shelf, Add	*45.31*	
		For Lock And Inside Latch Combo For Double Doors, Add	*104.80*	
12 35 70 19-0006	EA	36" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8236)	886.15	40.69
		For Additional Shelf, Add	*45.31*	
		For Lock And Inside Latch Combo For Double Doors, Add	*105.18*	
12 35 70 19-0007	EA	42" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8242)	965.69	42.71
		For Additional Shelf, Add	*45.31*	
		For Lock And Inside Latch Combo For Double Doors, Add	*105.26*	
12 35 70 19-0008	EA	48" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8248)	1,066.65	45.72
		For Additional Shelf, Add	*45.31*	
		For Lock And Inside Latch Combo For Double Doors, Add	*105.38*	
12 35 70 19-0009	EA	54" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8254)	1,206.45	48.73
		For Additional Shelf, Add	*45.31*	
		For Lock For Single Door/Drawer, Add	*70.98*	
		For Lock And Inside Latch Combo For Double Doors, Add	*105.50*	
12 35 70 19-0010	EA	66" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8266)	1,390.39	52.26
		For Additional Shelf, Add	*45.31*	
		For Lock For Single Door/Drawer, Add	*71.12*	
		For Lock And Inside Latch Combo For Double Doors, Add	*105.64*	
12 35 70 19-0011	EA	72" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8272)	1,471.94	55.27
		For Additional Shelf, Add	*45.31*	
		For Lock For Single Door/Drawer, Add	*71.23*	
		For Lock And Inside Latch Combo For Double Doors, Add	*105.75*	

12 35 70 19-0012 Medical Exam Room Base Cabinets *(12 35 70 19-0001)*

12 35 70 19-0013 Medical Exam Room Base Cabinets (Ritter®) *(12 35 70 19-0012)*

Note: Includes polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors, Pebble Grey Kydex top.

12 35 70 19-0014	EA	24" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Ritter® 2060)	1,674.81	76.87
		For Lock For Single Door/Drawer, Add	*72.09*	
		For Soft Edge Top, Add	*528.60*	
12 35 70 19-0015	EA	24" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-001)	1,733.06	76.87
		For Lock For Single Door/Drawer, Add	*72.09*	
		For Soft Edge Top, Add	*528.60*	
12 35 70 19-0016	EA	24" Width, 36" Height, 18" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-001)	1,948.81	76.87
		For Lock For Single Door/Drawer, Add	*72.09*	
		For Soft Edge Top, Add	*528.60*	
12 35 70 19-0017	EA	24" Width, 36" Height, 24" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-002)	1,966.07	76.87
		For Lock For Single Door/Drawer, Add	*72.09*	
		For Soft Edge Top, Add	*528.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 19-0018	EA	24" Width, 36" Height, 24" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-002)	2,224.98	76.87
		For Lock For Single Door/Drawer, Add	*72.09*	
		For Soft Edge Top, Add	*528.60*	

12 35 70 19-0019 Medical Exam Room Base Cabinets (Clinton Industries®) *(12 35 70 19-0012)*

Note: Includes all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls, flush-face doors and countertop.

12 35 70 19-0020	EA	24" Width, 35" Height, 18" Depth, 2 Doors, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 76)	844.54	125.60
		Note: Includes stainless steel sink and faucet.		
		For Additional Shelf, Add	*45.31*	
		For Lock For Single Door/Drawer, Add	*74.03*	
		For Lock And Inside Latch Combo For Double Doors, Add	*108.55*	
12 35 70 19-0021	EA	24" Width, 35" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Clinton Industries® 8024)	1,167.78	76.87
		For Additional Shelf, Add	*45.31*	
		For Lock For Single Door/Drawer, Add	*72.09*	
		For Lock And Inside Latch Combo For Double Doors, Add	*106.61*	
12 35 70 19-0022	EA	36" Width, 35" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8036)	1,693.90	86.42
		For Additional Shelf, Add	*45.31*	
		For Lock For Single Door/Drawer, Add	*72.47*	
		For Lock And Inside Latch Combo For Double Doors, Add	*106.99*	
12 35 70 19-0023	EA	42" Width, 35" Height, 18" Depth, 3 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8042)	1,833.10	93.45
		For Additional Shelf, Add	*45.31*	
		For Lock For Single Door/Drawer, Add	*72.75*	
		For Lock And Inside Latch Combo For Double Doors, Add	*107.27*	
12 35 70 19-0024	EA	48" Width, 35" Height, 18" Depth, 4 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8048)	1,999.62	105.51
		For Additional Shelf, Add	*45.31*	
		For Lock For Single Door/Drawer, Add	*73.23*	
		For Lock And Inside Latch Combo For Double Doors, Add	*107.75*	
12 35 70 19-0025	EA	54" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8054)	2,411.68	113.04
		For Additional Shelf, Add	*45.31*	
		For Lock For Single Door/Drawer, Add	*73.53*	
		For Lock And Inside Latch Combo For Double Doors, Add	*108.05*	
12 35 70 19-0026	EA	66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8066)	2,666.24	120.58
		For Additional Shelf, Add	*45.31*	
		For Lock For Single Door/Drawer, Add	*73.83*	
		For Lock And Inside Latch Combo For Double Doors, Add	*108.35*	
12 35 70 19-0027	EA	66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 8042-99)	2,824.24	175.84
		Note: Includes stainless steel sink and faucet.		
		For Additional Shelf, Add	*45.31*	
		For Lock For Single Door/Drawer, Add	*76.02*	
		For Lock And Inside Latch Combo For Double Doors, Add	*110.54*	
12 35 70 19-0028	EA	72" Width, 35" Height, 18" Depth, 6 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8072)	2,843.12	128.12
		For Additional Shelf, Add	*45.31*	
		For Lock For Single Door/Drawer, Add	*74.13*	
		For Lock And Inside Latch Combo For Double Doors, Add	*108.65*	
12 35 70 19-0029	EA	72" Width, 35" Height, 18" Depth, 2 Doors And 6 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 8048-99)	3,241.32	185.90
		Note: Includes stainless steel sink and faucet.		
		For Additional Shelf, Add	*45.31*	
		For Lock For Single Door/Drawer, Add	*76.42*	
		For Lock And Inside Latch Combo For Double Doors, Add	*110.94*	

12 35 70 19-0030 Medical Exam Room Cabinet Combinations *(12 35 70 19-0001)*

12 35 70 19-0031 Medical Exam Room Cabinet Combinations (Ritter®) *(12 35 70 19-0030)*

Note: Includes base cabinet and overhead cabinet, powder coated steel shell, polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors and laminate countertop.

12 35 70 19-0032	EA	48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	2,709.27	150.72
		For Locks On Single Drawer And All Doors, Add	*684.29*	
12 35 70 19-0033	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	2,793.42	150.72
		For Locks On Single Drawer And All Doors, Add	*684.29*	
12 35 70 19-0034	EA	48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	3,391.61	190.92
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*686.68*	
12 35 70 19-0035	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	3,512.43	190.92
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*686.68*	
12 35 70 19-0036	EA	48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	3,138.63	150.72
		For Locks On Single Drawer And All Doors, Add	*684.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 19-0037	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	3,224.93	150.72
		For Locks On Single Drawer And All Doors, Add	*684.29*	
12 35 70 19-0038	EA	48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value) Note: Includes stainless steel sink and faucet.	4,077.71	190.92
		For Locks On Single Drawer And All Doors, Add	*686.68*	
12 35 70 19-0039	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value) Note: Includes stainless steel sink and faucet.	4,159.69	190.92
		For Locks On Single Drawer And All Doors, Add	*686.68*	
12 35 70 19-0040	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	3,565.82	150.72
		For Locks On Single Drawer And All Doors, Add	*684.29*	
12 35 70 19-0041	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	3,656.43	150.72
		For Locks On Single Drawer And All Doors, Add	*684.29*	
12 35 70 19-0042	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care) Note: Includes stainless steel sink and faucet.	4,507.06	190.92
		For Locks On Single Drawer And All Doors, Add	*686.68*	
12 35 70 19-0043	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care) Note: Includes stainless steel sink and faucet.	4,595.52	190.92
		For Locks On Single Drawer And All Doors, Add	*686.68*	
12 35 70 19-0044	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional)	4,037.52	170.83
		For Locks On Single Drawer And All Doors, Add	*685.49*	
12 35 70 19-0045	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional)	4,119.50	170.83
		For Locks On Single Drawer And All Doors, Add	*685.49*	
12 35 70 19-0046	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional) Note: Includes stainless steel sink and faucet.	4,976.60	211.02
		For Locks On Single Drawer And All Doors, Add	*687.88*	
12 35 70 19-0047	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional) Note: Includes stainless steel sink and faucet.	5,073.69	211.02
		For Locks On Single Drawer And All Doors, Add	*687.88*	

12 36 Countertops *(12 30)*

12 36 23 Plastic Countertops *(12 36)*

12 36 23 13 Plastic-Laminate-Clad Countertops *(12 36 23)*

12 36 23 13-0001 Plastic Laminate Countertops *(12 36 23 13)*
Note: Includes plywood, medium-density fiberboard (MDF), or particleboard substrates, finished ends, and all edge types such as bullnose, ogee, roundover, bevel, etc.

12 36 23 13-0002	SF	Plastic Laminate Countertop Without Backsplash	16.94	10.05
12 36 23 13-0003	SF	Plastic Laminate Countertop With 4" Backsplash	22.19	10.05
12 36 23 13-0004	LF	Plastic Laminate End Splash For Plastic Laminate Countertops	28.38	3.01
12 36 23 13-0005	EA	Cutout For Sink And/Or Faucet In Plastic Laminate Countertop	83.74	

12 36 53 Laboratory Countertops *(12 36)*

12 36 53 00-0001 Epoxy Resin Laboratory Countertops *(12 36 53)*
Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.

12 36 53 00-0002	SF	3/4" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	60.02	5.03
12 36 53 00-0003	SF	1" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	62.06	5.03
12 36 53 00-0004	SF	1-1/4" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	76.14	5.03
12 36 53 00-0005	LF	4" x 3/4" Thick, Black Epoxy Resin Backsplash For Laboratory Countertop	22.47	3.01
12 36 53 00-0006	LF	6" x 3/4" Thick, Black Epoxy Resin Backsplash For Laboratory Countertop	30.69	3.01

12 36 53 00-0007 Epoxy Resin Laboratory Sinks *(12 36 53)*
Note: Includes cut out for sinks, and sink strainer assembly set.

12 36 53 00-0008 Epoxy Resin Laboratory Undermount Sink *(12 36 53 00-0007)*

12 36 53 00-0009	EA	12" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Undermount Sink	580.36	106.88
12 36 53 00-0010	EA	12" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Undermount Sink	590.61	106.88
12 36 53 00-0011	EA	12" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink	700.17	106.88
12 36 53 00-0012	EA	14" Length x 10" Width x 6" Depth, Black Epoxy Resin Laboratory Undermount Sink	590.61	106.88
12 36 53 00-0013	EA	16" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Undermount Sink	626.00	115.86
12 36 53 00-0014	EA	16" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink	662.52	115.86
12 36 53 00-0015	EA	16" Length x 16" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink	1,421.29	115.86
12 36 53 00-0016	EA	18" Length x 15" Width x 11" Depth, Black Epoxy Resin Laboratory Undermount Sink	745.97	115.86
12 36 53 00-0017	EA	24" Length x 16" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink	770.95	123.85
12 36 53 00-0018	EA	24" Length x 16" Width x 10" Depth, Black Epoxy Resin Laboratory Undermount Sink	959.27	123.85
12 36 53 00-0019	EA	24" Length x 16" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink	1,160.08	123.85
12 36 53 00-0020	EA	30" Length x 18" Width x 18" Depth, Black Epoxy Resin Laboratory Undermount Sink	2,593.45	123.85
12 36 53 00-0021	EA	31" Length x 21" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink	1,307.59	123.85
12 36 53 00-0022	EA	36" Length x 20" Width x 16" Depth, Black Epoxy Resin Laboratory Undermount Sink	2,789.93	123.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 53 00-0023	EA	42" Length x 20" Width x 10" Depth, Black Epoxy Resin Laboratory Undermount Sink	3,837.02	126.84
12 36 53 00-0024		**Epoxy Resin Laboratory Drop-in Sink** *(12 36 53 00-0007)*		
12 36 53 00-0025	EA	9" Length x 6" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	578.83	106.88
12 36 53 00-0026	EA	12" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	580.34	106.88
12 36 53 00-0027	EA	12" Length x 12" Width x 12" Depth, Black Epoxy Resin Laboratory Drop-in Sink	685.39	106.88
12 36 53 00-0028	EA	14" Length x 10" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	590.61	106.88
12 36 53 00-0029	EA	15" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	624.77	106.88
12 36 53 00-0030	EA	15" Length x 8" Width x 11" Depth, Black Epoxy Resin Laboratory Drop-in Sink	624.77	106.88
12 36 53 00-0031	EA	16" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Drop-in Sink	626.00	115.86
12 36 53 00-0032	EA	16" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	662.52	115.86
12 36 53 00-0033	EA	16" Length x 16" Width x 9-5/8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	683.43	115.86
12 36 53 00-0034	EA	18" Length x 15" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	688.64	115.86
12 36 53 00-0035	EA	18" Length x 15" Width x 11" Depth, Black Epoxy Resin Laboratory Drop-in Sink	814.86	115.86
12 36 53 00-0036	EA	24" Length x 16" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	839.84	123.85
12 36 53 00-0037	EA	25" Length x 15" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	859.27	123.85
12 36 53 00-0038	EA	25" Length x 15" Width x 10" Depth, Black Epoxy Resin Laboratory Drop-in Sink	865.87	123.85
12 36 53 00-0039	EA	30" Length x 16" Width x 10" Depth, Black Epoxy Resin Laboratory Drop-in Sink	1,302.52	123.85
12 36 53 00-0040	EA	10" Diameter x 7.8" Depth, Black Round Epoxy Resin Laboratory Drop-in Sink	589.43	105.87
12 36 53 00-0041	EA	12" Diameter x 7.8" Depth, Black Round Epoxy Resin Laboratory Drop-in Sink	607.13	105.87
12 36 53 00-0042		**Epoxy Resin Laboratory ADA Drop-in Sink** *(12 36 53 00-0007)*		
12 36 53 00-0043	EA	14" Length x 10" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	585.61	105.87
12 36 53 00-0044	EA	14" Length x 14" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	633.97	105.87
12 36 53 00-0045	EA	14" Length x 15" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	658.68	105.87
12 36 53 00-0046	EA	25" Length x 15" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	865.87	123.85
12 36 53 00-0047		**Epoxy Resin Laboratory Cup Sink** *(12 36 53 00-0007)*		
12 36 53 00-0048	EA	6" Length x 3" Width x 4" Depth, Black Oval Epoxy Resin Laboratory Cup Sink	368.41	85.89
12 36 53 00-0049		**Polypropylene Laboratory Countertops** *(12 36 53)*		
		Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.		
12 36 53 00-0050	SF	3/4" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	25.83	5.03
12 36 53 00-0051	SF	1" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	28.85	5.03
12 36 53 00-0052	SF	1-1/4" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	32.72	5.03
12 36 53 00-0053	LF	4" x 3/4" Thick, Black Polypropylene Backsplash For Laboratory Countertop	11.07	3.01
12 36 53 00-0054	LF	6" x 3/4" Thick, Black Polypropylene Backsplash For Laboratory Countertop	13.59	3.01
12 36 53 00-0055		**Polypropylene Laboratory Sinks** *(12 36 53)*		
		Note: Includes cut out for sinks, and sink strainer assembly set.		
12 36 53 00-0056		**Polypropylene Laboratory Undermount Sink** *(12 36 53 00-0055)*		
12 36 53 00-0057	EA	12" Length x 8" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink	615.42	106.88
12 36 53 00-0058	EA	12" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink	649.46	106.88
12 36 53 00-0059	EA	14" Length x 10" Width x 6" Depth, Black Polypropylene Laboratory Undermount Sink	641.09	106.88
12 36 53 00-0060	EA	16" Length x 8" Width x 7" Depth, Black Polypropylene Laboratory Undermount Sink	674.42	115.86
12 36 53 00-0061	EA	16" Length x 13" Width x 6" Depth, Black Polypropylene Laboratory Undermount Sink	836.90	115.86
12 36 53 00-0062	EA	17" Length x 17" Width x 12" Depth, Black Polypropylene Laboratory Undermount Sink	845.39	115.86
12 36 53 00-0063	EA	18" Length x 15" Width x 12" Depth, Black Polypropylene Laboratory Undermount Sink	845.39	115.86
12 36 53 00-0064	EA	24" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink	904.60	123.85
12 36 53 00-0065	EA	25" Length x 15" Width x 10" Depth, Black Polypropylene Laboratory Undermount Sink	947.56	123.85
12 36 53 00-0066	EA	23" Length x 17" Width x 11-1/2" Depth, Black Polypropylene Laboratory Undermount Sink	904.60	123.85
12 36 53 00-0067	EA	30" Length x 18" Width x 18" Depth, Black Polypropylene Laboratory Undermount Sink	1,417.76	123.85
12 36 53 00-0068	EA	31" Length x 20.5" Width x 11-1/2" Depth, Black Polypropylene Laboratory Undermount Sink	1,410.13	123.85
12 36 53 00-0069	EA	42" Length x 18" Width x 16" Depth, Black Polypropylene Laboratory Undermount Sink	2,486.30	126.84
12 36 53 00-0070		**Polypropylene Laboratory Drop-in Sink** *(12 36 53 00-0055)*		
12 36 53 00-0071	EA	11" Length x 11" Width x 7" Depth, Black Polypropylene Laboratory Drop-in Sink	529.94	106.88
12 36 53 00-0072	EA	12" Length x 8" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	852.84	106.88
12 36 53 00-0073	EA	12" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	563.94	106.88
12 36 53 00-0074	EA	14" Length x 10" Width x 6" Depth, Black Polypropylene Laboratory Drop-in Sink	555.59	106.88
12 36 53 00-0075	EA	17" Length x 17" Width x 12" Depth, Black Polypropylene Laboratory Drop-in Sink	759.89	115.86
12 36 53 00-0076	EA	16" Length x 8" Width x 7" Depth, Black Polypropylene Laboratory Drop-in Sink	588.90	115.86
12 36 53 00-0077	EA	18" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	759.89	115.86
12 36 53 00-0078	EA	16" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	742.69	115.86
12 36 53 00-0079	EA	18" Length x 15" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	726.00	115.86
12 36 53 00-0080	EA	18" Length x 15" Width x 12" Depth, Black Polypropylene Laboratory Drop-in Sink	759.89	115.86
12 36 53 00-0081	EA	24" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	819.10	123.85
12 36 53 00-0082	EA	25" Length x 15" Width x 10" Depth, Black Polypropylene Laboratory Drop-in Sink	862.04	123.85
12 36 53 00-0083	EA	31" Length x 17" Width x 10" Depth, Black Polypropylene Laboratory Drop-in Sink	1,281.44	123.85
12 36 53 00-0084	EA	12" Diameter x 7.8" Depth, Black Round Polypropylene Laboratory Drop-in Sink	495.05	105.87
12 36 53 00-0085		**Polypropylene Laboratory ADA Drop-in Sink** *(12 36 53 00-0055)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 53 00-0086	EA	16" Length x 16" Width x 5.5" Depth, Black Polypropylene Laboratory ADA Drop-in Sink	726.00	115.86
12 36 53 00-0087	EA	25" Length x 15" Width x 5.5" Depth, Black Polypropylene Laboratory ADA Drop-in Sink	842.80	123.85
12 36 53 00-0088		Polypropylene Laboratory Cup Sink *(12 36 53 00-0055)*		
12 36 53 00-0089	EA	6" Length x 3" Width x 4" Depth, Black Oval Polypropylene Laboratory Cup Sink	387.84	105.87
12 36 53 00-0090		Phenolic Resin Laboratory Countertops *(12 36 53)*		
		Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.		
12 36 53 00-0091	SF	3/4" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	41.33	5.03
12 36 53 00-0092	SF	1" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	46.77	5.03
12 36 53 00-0093	SF	1-1/4" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	50.57	5.03
12 36 53 00-0094	LF	4" x 3/4" Thick, Black Phenolic Resin Backsplash For Laboratory Countertop	15.64	3.01
12 36 53 00-0095	LF	6" x 3/4" Thick, Black Phenolic Resin Backsplash For Laboratory Countertop	20.39	3.01
12 36 53 00-0096		High Pressure Laminate Laboratory Countertops *(12 36 53)*		
		Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.		
12 36 53 00-0097	SF	3/4" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges	23.70	5.03
12 36 53 00-0098	SF	1" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges	24.95	5.03
12 36 53 00-0099	SF	1-1/4" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges	24.95	5.03
12 36 53 00-0100	LF	4" x 3/4" Thick, High Pressure Laminate Backsplash For Laboratory Countertop	13.16	3.01
12 36 53 00-0101	LF	6" x 3/4" Thick, High Pressure Laminate Backsplash For Laboratory Countertop	13.16	3.01
12 36 61		**Simulated Stone Countertops** *(12 36)*		
12 36 61 16		**Solid Surfacing Countertops** *(12 36 61)*		
12 36 61 16-0001		Solid Surface Countertops *(12 36 61 16)*		
12 36 61 16-0002		Solid Surface Countertops *(12 36 61 16-0001)*		
		Note: Includes finished ends and all edge types such as bullnose, ogee, roundover, bevel, etc.		
12 36 61 16-0003	SF	1/4" Thick, Solid Color, Solid Surface Backsplash	44.29	6.70
		Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board.		
		For Up To 50, Add	*14.65*	
		For >50 To 100, Add	*8.31*	
12 36 61 16-0004	SF	1/2" Thick, Solid Color, Solid Surface Countertop Without Backsplash	68.55	10.05
		Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).		
		For Up To 50, Add	*22.28*	
		For >50 To 100, Add	*13.02*	
		For Integral 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add	*239.58*	
		For Integral 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add	*302.93*	
		For Integral 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add	*221.15*	
		For Integral 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add	*210.78*	
		For Integral 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add	*302.93*	
		For Integral 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add	*302.93*	
		For Integral 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add	*302.93*	
		For Integral 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add	*302.93*	
		For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add	*272.98*	
		Note: Single or double bowl.		
		For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add	*474.55*	
		Note: Single or double bowl.		
		For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add	*635.80*	
		Note: Single or double bowl.		
		For >3 SF Integral Single Basin Kitchen Sink, Add	*688.79*	
		Note: Single or double bowl.		
		For >3 SF Integral Double Basin Kitchen Sink, Add	*688.79*	
12 36 61 16-0005	SF	1/2" Thick, Solid Color, Solid Surface Countertop With 4" Backsplash	74.57	10.05
		For Up To 50, Add	*24.09*	
		For >50 To 100, Add	*14.23*	
		For Integral 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add	*239.58*	
		For Integral 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add	*302.93*	
		For Integral 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add	*221.15*	
		For Integral 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add	*210.78*	
		For Integral 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add	*302.93*	
		For Integral 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add	*302.93*	
		For Integral 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add	*302.93*	
		For Integral 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add	*302.93*	
		For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add	*272.98*	
		Note: Single or double bowl.		
		For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add	*474.55*	
		Note: Single or double bowl.		
		For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add	*635.80*	
		Note: Single or double bowl.		
		For >3 SF Integral Single Basin Kitchen Sink, Add	*688.79*	
		Note: Single or double bowl.		
		For >3 SF Integral Double Basin Kitchen Sink, Add	*688.79*	
12 36 61 16-0006	LF	1/2" Thick, Solid Color, Solid Surface End Splash For Solid Surface Countertops	25.73	4.27
12 36 61 16-0007	EA	Cutout For Undercounter Sink In Solid Surface Countertop	150.72	
		Note: Not including integral seamed sinks		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 61 16-0008		Integral Seamless Solid Surface Lavatory *(12 36 61 16-0001)* Note: Includes sink cutout and hard seam of lavatory to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.		
12 36 61 16-0009	EA	16-1/2" x 13-1/8"" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 810)	273.75	
12 36 61 16-0010	EA	20-7/16" x 14-7/16" x 6-1/8" Depth, Integral Solid Surface Lavatory Sink (Corian 815)	337.10	
12 36 61 16-0011	EA	17-3/8" x 10-13/16" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 816)	255.32	
12 36 61 16-0012	EA	14-3/4" x 10-1/2" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 820)	244.95	
12 36 61 16-0013	EA	18-7/8" x 13-3/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 830)	337.10	
12 36 61 16-0014	EA	20" x 13-3/8" x 6-1/4" Depth, Integral Solid Surface Lavatory Sink (Corian 831)	337.10	
12 36 61 16-0015	EA	19-3/4" x 14-1/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 835)	337.10	
12 36 61 16-0016	EA	17" x 14" x 6" Depth, Integral Solid Surface Lavatory Sink (Corian 837)	337.10	
12 36 61 16-0017		Integral Seamless Solid Surface Kitchen Sink *(12 36 61 16-0001)* Note: Includes sink cutout and hard seam of sink to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.		
12 36 61 16-0018	EA	Up To 1.5 SF, Single Basin, Integral Solid Surface Kitchen Sink	353.37	
12 36 61 16-0019	EA	>1.5 To 2.25 SF, Single Basin, Integral Solid Surface Kitchen Sink	554.94	
12 36 61 16-0020	EA	>2.25 To 3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink	716.19	
12 36 61 16-0021	EA	>3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink	769.18	
12 36 61 16-0022	EA	>3.0 SF, Double Basin, Integral Solid Surface Kitchen Sink	769.18	
12 36 61 19		**Quartz Agglomerate Countertops** *(12 36 61)*		
12 36 61 19-0001		Quartz Agglomerate Countertops *(12 36 61 19)* Note: Includes finished ends and all edge types such as bullnose, ogee, roundover, bevel, etc.		
12 36 61 19-0002	SF	3/4" Thick, Quartz Agglomerate Countertop Without Backsplash	104.77	22.11
12 36 61 19-0003	SF	1-1/4" Thick, Quartz Agglomerate Countertop Without Backsplash	128.66	22.11
12 36 61 19-0004	SF	3/4" Thick, Quartz Agglomerate Countertop With Backsplash	116.71	25.73
12 36 61 19-0005	SF	1-1/4" Thick, Quartz Agglomerate Countertop With Backsplash	140.58	25.73
12 36 61 19-0006	LF	Quartz Agglomerate Countertop End Splash For Quartz Agglomerate Countertops	18.80	4.27
12 36 61 19-0007	EA	Cutout For Sink And/Or Faucet In Quartz Agglomerate Countertop	150.72	
12 36 91		**Countertop Accessories** *(12 36)*		
12 36 91 00-0001		Countertop Accessories *(12 36 91)*		
12 36 91 00-0002	EA	Wall Hung Bracket, Countertop Support	72.97	6.70
12 40		**Furnishings and Accessories** *(12)*		
12 41		**Office Accessories** *(12 40)*		
12 41 11		**Office Accessories** *(12 41)*		
12 41 11 00-0001		Wall Mounted Office Accessories *(12 41 11)*		
12 41 11 00-0002	EA	Manual Pencil Sharpener, Wall Mounted (Bostitch® BOSMPS1BLK)	23.61	3.44
12 41 11 00-0003	EA	Wall Mounted Flag	17.24	3.44
12 41 11 00-0004		Desk Edge Mounted Clamps *(12 41 11)*		
12 41 11 00-0005	EA	Aluminum Desk Edge Clamp Mount Bracket For Plexiglass And Acrylic Panels Note: Adjustable hand screw mounting to fit 3/4" to 2" desk and table tops, clamp adjusts to support 1/8" to 3/8" thick panels.	38.73	
		For >10 To 50, Deduct	*-9.46*	
		For >50, Deduct	*-15.14*	
12 48		**Rugs and Mats** *(12 40)*		
12 48 13		**Entrance Floor Mats and Frames** *(12 48)*		
12 48 13 13		**Entrance Floor Mats** *(12 48 13)*		
12 48 13 13-0001		Floor Mats *(12 48 13 13)*		
12 48 13 13-0002	SF	3/8" Thick Solid Recessable Floor Mat	32.63	2.38
		For Colors, Add	*5.57*	
12 48 13 13-0003	SF	1/2" Thick Solid Recessable Floor Mat	41.21	2.38
		For Colors, Add	*7.29*	
12 48 13 13-0004	SF	3/8" Thick Perforated Recessable Floor Mat	34.77	2.38
		For Colors, Add	*6.00*	
12 48 13 13-0005	SF	1/2" Thick Perforated Recessable Floor Mat	43.35	2.38
		For Colors, Add	*7.72*	
12 48 13 13-0006		Link Mats *(12 48 13 13)* Note: Includes nosing.		
12 48 13 13-0007	SF	3/8" Link Mats, Aluminum	46.35	2.38
12 48 13 13-0008	SF	Black Rubber Link Mats With Galvanized Tie Rods	34.25	2.38
12 48 13 13-0009	SF	3/8" Thick, Galvanized Steel Link Mats	21.65	2.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 48 13 13-0010	SF	Vinyl Link Mats, Color	37.43	2.38
12 48 13 13-0011	LF	Rubber Nosing	4.73	1.04
12 48 13 13-0012		Duckboard *(12 48 13 13)*		
12 48 13 13-0013	SF	Aluminum Slats	66.91	2.61
12 48 13 13-0014	SF	Hardwood Strips On Rubber Base	15.21	2.61
12 48 13 13-0015	SF	Assembled With Brass Rods And Vinyl Spacers	16.68	2.61
12 48 13 13-0016	SF	Tire Fabric, 3/4" Thick	21.90	2.61
12 48 13 13-0017	SF	Vinyl, 36" Wide, Hollow Top And Bottom	17.61	2.61
12 48 13 13-0018	SF	Vinyl, 36" Wide, Solid Top And Bottom	27.40	2.61
12 48 13 16		**Entrance Floor Mat Frames** *(12 48 13)*		
12 48 13 16-0001		Recessed Frames *(12 48 13 16)*		
12 48 13 16-0002	LF	Aluminum Recessed Embedded Frame	27.62	4.02
12 48 13 16-0003	LF	Bronze Recessed Embedded Frame	22.23	4.02
12 48 19		**Entrance Floor Gratings** *(12 48)*		
12 48 19 00-0001		Stainless Steel Entrance Floor Grating And Frame *(12 48 19)*		
12 48 19 00-0002	SF	18" x 18" Stainless Steel Grid Flooring, 3/4" High, C/S Floorometry 101 System	111.08	2.38
12 50		**Furniture** *(12)*		
12 55		**Detention Furniture** *(12 50)*		
12 55 13		**Detention Bunks** *(12 55)*		
12 55 13 00-0001		Wall Mounted Single Bunks *(12 55 13)*		
		Note: 14 Gauge center pan, 7 gauge bracket, painted.		
12 55 13 00-0002	EA	27" Wide x 80" Long x 12" High Wall Mounted Bunk	510.60	80.39
12 55 13 00-0003	EA	32" Wide x 80" Long x 12" High Wall Mounted Bunk	584.23	80.39
12 55 13 00-0004	EA	38" Wide x 80" Long x 12" High Wall Mounted Bunk	635.77	80.39
12 55 13 00-0005		Floor Supported Single Bunks *(12 55 13)*		
		Note: 14 Gauge center pan, 10 gauge steel brackets, 10 gauge formed steel legs, painted.		
12 55 13 00-0006	EA	27" Wide x 80" Long x 12" High Floor Mounted Bunk	510.60	80.39
12 55 13 00-0007	EA	32" Wide x 80" Long x 12" High Floor Mounted Bunk	584.23	80.39
12 55 13 00-0008	EA	38" Wide x 80" Long x 12" High Floor Mounted Bunk	635.77	80.39
12 55 13 00-0009	EA	Up To 20, Floor Mounted Single Bunk, 75" x 27" x 16" High	946.10	113.28
12 55 13 00-0010	EA	>20, Floor Mounted Single Bunk, 75" x 27" x 16" High	802.19	113.28
12 55 13 00-0011		Floor Mounted Single Bunks *(12 55 13)*		
		Note: 14 Gauge center pan, 10 gauge formed steel legs, painted.		
12 55 13 00-0012	EA	27" Wide x 80" Long x 16" High Floor Mounted Bunk	510.60	80.39
12 55 13 00-0013	EA	32" Wide x 80" Long x 16" High Floor Mounted Bunk	584.23	80.39
12 55 13 00-0014	EA	38" Wide x 80" Long x 16" High Floor Mounted Bunk	635.77	80.39
12 55 13 00-0015		Single Stackable Bunks *(12 55 13)*		
		Note: One piece, 10 gauge formed pan, 10 gauge formed steel legs, painted.		
12 55 13 00-0016	EA	26" Wide x 76" Long x 32" High Stackable Bunk	525.32	80.39
12 55 13 00-0017	EA	31" Wide x 76" Long x 32" High Stackable Bunk	547.41	80.39
12 55 13 00-0018		Double Bunks *(12 55 13)*		
		Note: 14 Gauge center pans, 10 gauge formed steel legs, painted.		
12 55 13 00-0019	EA	27" Wide x 80" Long x 52" High Double Bunk	932.34	107.18
12 55 13 00-0020	EA	32" Wide x 80" Long x 52" High Double Bunk	947.07	107.18
12 55 13 00-0021	EA	38" Wide x 80" Long x 52" High Double Bunk	1,009.65	107.18
12 55 13 00-0022	EA	Double Bunk Bed, 75" x 27", Up To 20	1,491.11	169.92
12 55 13 00-0023	EA	Double Bunk Bed, 75" x 27", Over 20	1,347.20	169.92
12 55 13 00-0024		Non-Removable Storage Drawers For Bunks/Beds *(12 55 13)*		
		Note: 14 Gauge drawer with 10 gauge formed steel guides, painted.		
12 55 13 00-0025	EA	16" Long x 15" Wide x 7.75" Deep Non Removable Storage Drawer	223.97	40.19
12 55 13 00-0026	EA	24" Long x 23" Wide x 10" Deep Non Removable Storage Drawer	376.59	42.88
12 55 13 00-0027		Expanded Metal Convertible Beds *(12 55 13)*		
		Note: 1/2" #13 Flattened expanded metal pans, welded inside 2" x 1-1/2" x 3/16" angle iron frames, 10 gauge formed steel legs with floor mount, 1-1/2" 10 gauge bracing between leg assembly and frame.		
12 55 13 00-0028	EA	27" Wide x 80" Long x 24" High Expanded Metal Convertible Bed	526.99	80.39
12 55 13 00-0029	EA	32" Wide x 80" Long x 24" High Expanded Metal Convertible Bed	557.53	80.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 55 13 00-0030	EA	38" Wide x 80" Long x 24" High Expanded Metal Convertible Bed	588.04	80.39
12 55 13 00-0031	EA	Adapter Kit For Converting Single Bed To Double Deck	72.56	

12 55 16 Detention Desks *(12 55)*

12 55 16 00-0001 Heavy Duty Desk With Swing Arm Seat *(12 55 16)*

Note: Includes 12" diameter 11 gauge stainless steel seat, cast iron swing arm, 10 gauge shelves, stainless steel towel bar, 10 gauge steel foot rest, painted.

12 55 16 00-0002	EA	36.5" Long x 15.5" Deep x 30" High Desk With Swing Arm Seat, 10 Gauge Steel Top	976.64	85.75
12 55 16 00-0003	EA	36.5" Long x 15.5" Deep x 30" High Desk With Swing Arm Seat, 11 Gauge Stainless Steel Top	1,236.87	85.75

12 55 16 00-0004 Institutional Desk And Seat *(12 55 16)*

12 55 16 00-0005	EA	Institutional Desk And Seat, Up To 20	1,233.92	113.28
12 55 16 00-0006	EA	Institutional Desk And Seat, Over 20	1,090.01	113.28
12 55 16 00-0007	EA	Institutional Desk, Up To 20	1,090.01	113.28
12 55 16 00-0008	EA	Institutional Desk, Over 20	946.10	113.28

12 55 19 Detention Stools *(12 55)*

12 55 19 00-0001 Heavy Duty Steel Bench *(12 55 19)*

Note: 10 Gauge formed steel seat with rounded corners and edges, painted.

12 55 19 00-0002	EA	48" Long x 18" High x 12" Wide Steel Bench	493.18	64.32
12 55 19 00-0003	EA	72" Long x 18" High x 12" Wide Steel Bench	599.61	69.67
12 55 19 00-0004	EA	96" Long x 18" High x 12" Wide Steel Bench	665.45	75.03

12 55 19 00-0005 Stationary Stools *(12 55 19)*

Note: 12" Diameter 11 gauge stainless steel seat, 18" high, 2" schedule 40 steel pipe with welded 6" x 6" 10 gauge steel base plate bolted to floor.

12 55 19 00-0006	EA	12" Diameter Stainless Steel Stationary Stool, 18" High	369.80	64.32
12 55 19 00-0007	EA	Floor Mounted Stool, 8" x 8" x 20"H, Up To 20	329.60	45.31
12 55 19 00-0008	EA	Floor Mounted Stool, 8" x 8" x 20"H, Over 20	352.77	45.31
12 55 19 00-0009	EA	Wall Mounted Swivel Stool, Up To 20	458.66	56.64
12 55 19 00-0010	EA	Wall Mounted Swivel Stool, Over 20	372.32	56.64

12 55 19 00-0011 Cell Bench *(12 55 19)*

Note: 1-3/4" Thick red oak bench top, polyurethane finish.

12 55 19 00-0012	EA	48" Long x 12" Wide Cell Bench, Red Oak	350.07	64.42
12 55 19 00-0013	EA	72" Long x 12" Wide Cell Bench, Red Oak	418.92	69.67
12 55 19 00-0014	EA	96" Long x 12" Wide Cell Bench, Red Oak	463.08	75.03

12 55 23 Detention Tables *(12 55)*

12 55 23 00-0001 Wall Mounted Table And Seat Set *(12 55 23)*

Note: 7 Gauge steel, painted.

12 55 23 00-0002	EA	18" x 12" Wall Mounted Table And Seat Set	253.57	45.55

12 55 23 00-0003 Heavy Duty Picnic Style Table *(12 55 23)*

Note: 10 Gauge steel, painted.

12 55 23 00-0004	EA	48" Long x 50" Wide x 30" High Steel Picnic - Style Table	1,357.35	80.39
12 55 23 00-0005	EA	72" Long x 50" Wide x 30" High Steel Picnic - Style Table	1,736.20	85.75
12 55 23 00-0006	EA	96" Long x 50" Wide x 30" High Steel Picnic - Style Table	1,936.38	93.78
12 55 23 00-0007	EA	Picnic Table, 72" x 24" Up To 20	2,314.93	152.93
12 55 23 00-0008	EA	Picnic Table, 72" x 24" Over 20	2,027.11	152.93

12 55 23 00-0009 Heavy Duty Picnic Style Table *(12 55 23)*

Note: 11 Gauge stainless steel top and benches with 10 gauge steel table base parts, painted.

12 55 23 00-0010	EA	48" Long x 50" Wide x 30" High Stainless Steel Picnic - Style Table	2,369.77	80.39
12 55 23 00-0011	EA	72" Long x 50" Wide x 30" High Stainless Steel Picnic - Style Table	3,392.89	85.75
12 55 23 00-0012	EA	96" Long x 50" Wide x 30" High Stainless Steel Picnic - Style Table	3,593.07	93.78

12 55 23 00-0013 Heavy Duty Pedestal Style Table *(12 55 23)*

Note: 10 Gauge steel table top with 11 gauge stainless steel, 12" diameter table seats, painted.

12 55 23 00-0014	EA	24" Long x 59" Wide x 30" High Steel Pedestal Table	1,201.63	66.99
12 55 23 00-0015	EA	65" Long x 65" Wide x 30" High Steel Pedestal Table	1,967.05	72.35
12 55 23 00-0016	EA	65" Long x 87" Wide x 30" High Steel Pedestal Table	2,922.00	80.39
12 55 23 00-0017	EA	12" Diameter Stainless Steel Replacement Seat	91.50	10.71

12 55 23 00-0018 Heavy Duty Pedestal Style Table *(12 55 23)*

Note: 11 Gauge stainless steel table top with 11 gauge stainless steel, 12" diameter table seats, painted.

12 55 23 00-0019	EA	24" Long x 59" Wide x 30" High Stainless Steel Pedestal Table	1,514.57	66.99
12 55 23 00-0020	EA	65" Long x 65" Wide x 30" High Stainless Steel Pedestal Table	2,629.73	72.35
12 55 23 00-0021	EA	65" Long x 87" Wide x 30" High Stainless Steel Pedestal Table	3,823.98	80.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 55 23 00-0022	EA	12" Diameter Gray-Primed Steel Replacement Seats	64.00	10.71
12 55 23 00-0023	EA	4-MFIN, Pedestal Table, 39-1/2" x 39-1/2" Stainless Steel Table Top, Up To 20	1,981.79	130.27
12 55 23 00-0024	EA	4-MFIN, Pedestal Table, 39-1/2" x 39-1/2" Stainless Steel Table Top, Over 20	1,693.97	130.27
12 55 23 00-0025	EA	6-MRN, Pedestal Table, 63-1/2" x 39-1/2" Stainless Steel Table Top, Up To 20	2,580.09	141.60
12 55 23 00-0026	EA	6-MRN, Pedestal Table, 63-1/2" x 39-1/2" Stainless Steel Table Top, Over 20	2,292.27	141.60
12 55 23 00-0027	EA	8-MON, Pedestal Table, 87-1/2" x 39-1/2" Stainless Steel Table Top, Up To 20	3,754.03	152.93
12 55 23 00-0028	EA	8-MON, Pedestal Table, 87-1/2" x 39-1/2" Stainless Steel Table Top, Up To 20	3,178.39	152.93

12 55 26 Detention Safety Clothes Hooks *(12 55)*

12 55 26 00-0001	EA	Collapsible Clothes Hook, Screw Type	71.51	20.86
12 55 26 00-0002	EA	Collapsible Clothes Hook, Weld-On Type	69.22	21.44
12 55 26 00-0003	EA	8" x 18" Storage Shelf Note: With four collapsible clothes hooks on 11" x 18" back plate, welded steel plates, anchors.	354.40	42.88
12 55 26 00-0004	EA	Shelf With Safety Clothes Hook, 16"Wx8"Deep, Up To 20	378.44	45.31
12 55 26 00-0005	EA	Shelf With Safety Clothes Hook, 16"Wx8"Deep, Over 20	306.48	45.31
12 55 26 00-0006	EA	Safety Clothes Hook, Up To 20	151.72	25.49
12 55 26 00-0007	EA	Safety Clothes Hook, Over 20	180.36	25.49
12 55 26 00-0008	EA	Adjustable, Auto-Release Clothes/Towel Hook (Whitehall WH1830A-SLPT)	211.51	20.86
12 55 26 00-0009	EA	19" Overall Length, 8" Overall Height, 4" Overall Depth, Enviro-Glaze, Recessed Shelf (Whitehall WH1820-FA)	387.83	46.95

12 55 86 Detention Control Room Furniture *(12 55)*

12 55 86 00-0001	EA	22-1/4" Wide x 13-1/2" Deep Tray, Single-Arm, TV Wall Mount	261.48	78.25
12 55 86 00-0002	EA	Up To 20, 24" Wide x 24" Deep, Wall Mounted TV Shelf	745.56	84.95
12 55 86 00-0003	EA	>20, 24" Wide x 24" Deep, Wall Mounted TV Shelf	673.60	84.95
12 55 86 00-0004	EA	Speaking Device With 6" Diameter Stainless Steel Cover Plates Note: Includes neoprene gaskets, baffle, wire cloth and security screws.	1,794.88	33.99
12 55 86 00-0005	EA	1" Diameter, 3/16" Thick, Stainless Steel Shower Curtain Rod With 12 Gauge Hooks	776.19	28.32
12 55 86 00-0006	LF	20" Depth, 10 Gauge Steel, Wall Mounted Bench	379.37	16.99
12 55 86 00-0007	LF	20" Depth, 10 Gauge Steel, Floor Mounted Bench	460.05	14.16

12 56 Institutional Furniture *(12 50)*

12 56 39 Lecterns *(12 56)*

12 56 39 00-0001 Lectern *(12 56 39)*

12 56 39 00-0002	EA	CON 1500-32 Van Oak Lectern	5,897.84	44.75

12 56 53 Laboratory Furniture *(12 56)*

12 56 53 00-0001 Steel Laboratory Furniture *(12 56 53)*

12 56 53 00-0002 Modular Steel Laboratory Cabinets *(12 56 53 00-0001)*

12 56 53 00-0003 29-3/8" High x 21-5/8" Deep, Modular Steel Laboratory Base Cabinets *(12 56 53 00-0002)*

12 56 53 00-0004	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,154.54	86.85
12 56 53 00-0005	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,152.12	86.85
12 56 53 00-0006	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,260.00	94.80
12 56 53 00-0007	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,194.61	94.80
12 56 53 00-0008	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,422.53	106.97
12 56 53 00-0009	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,468.12	110.48
12 56 53 00-0010	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,619.21	121.84
12 56 53 00-0011	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,681.94	126.57
12 56 53 00-0012	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,633.47	122.85
12 56 53 00-0013	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,639.18	123.35
12 56 53 00-0014	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,733.24	130.39
12 56 53 00-0015	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,696.15	127.58
12 56 53 00-0016	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,266.39	170.50
12 56 53 00-0017	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,308.82	173.72
12 56 53 00-0018	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,548.54	191.72
12 56 53 00-0019	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,588.70	194.73
12 56 53 00-0020	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	2,371.98	178.44
12 56 53 00-0021	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	2,639.68	198.65
12 56 53 00-0022	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	2,557.34	198.65
12 56 53 00-0023	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,396.84	179.95
12 56 53 00-0024	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,375.05	179.95
12 56 53 00-0025	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,565.66	193.02
12 56 53 00-0026	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,546.35	192.71
12 56 53 00-0027	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,787.44	209.50
12 56 53 00-0028	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,870.63	215.94
12 56 53 00-0029	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,141.29	236.25
12 56 53 00-0030	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,215.17	241.88
12 56 53 00-0031	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,682.57	201.76
12 56 53 00-0032	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,522.92	189.80
12 56 53 00-0033	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,850.73	214.43
12 56 53 00-0034	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,711.04	203.98
12 56 53 00-0035	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,041.90	228.81
12 56 53 00-0036	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,041.90	228.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0037	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,329.36	250.43
12 56 53 00-0038	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,209.95	241.48
12 56 53 00-0039	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,728.77	280.49
12 56 53 00-0040	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,743.30	280.59
12 56 53 00-0041	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,065.20	305.82
12 56 53 00-0042	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,105.12	308.83
12 56 53 00-0043	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,564.06	343.32
12 56 53 00-0044	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,706.64	354.07
12 56 53 00-0045	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,454.16	353.87
12 56 53 00-0046	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,988.69	375.28
12 56 53 00-0047	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,874.74	366.73
12 56 53 00-0048	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,166.53	162.96
12 56 53 00-0049	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,105.99	163.36
12 56 53 00-0050	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,260.61	170.00
12 56 53 00-0051	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,200.07	170.00
12 56 53 00-0052	EA	32-7/8" Wide x 29-3/8" High x 21-5/8" Deep, Standard Corner, Modular Steel Laboratory Base Cabinet	3,035.97	228.41
12 56 53 00-0053	EA	32-7/8" Wide x 29-3/8" High x 21-5/8" Deep, Hexagon Corner, Modular Steel Laboratory Base Cabinet	2,625.50	197.44
12 56 53 00-0054		35-1/4" High x 21-5/8" Deep, Modular Steel Laboratory Base Cabinets *(12 56 53 00-0002)*		
12 56 53 00-0055	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,208.70	90.98
12 56 53 00-0056	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,201.44	90.98
12 56 53 00-0057	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,277.15	96.11
12 56 53 00-0058	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,234.37	92.99
12 56 53 00-0059	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,462.43	110.08
12 56 53 00-0060	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,533.69	115.11
12 56 53 00-0061	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,636.32	123.15
12 56 53 00-0062	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,699.04	128.18
12 56 53 00-0063	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,713.30	128.68
12 56 53 00-0064	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,713.30	128.68
12 56 53 00-0065	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,818.77	136.73
12 56 53 00-0066	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,794.01	138.73
12 56 53 00-0067	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,374.65	178.44
12 56 53 00-0068	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,437.36	182.97
12 56 53 00-0069	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,619.85	197.04
12 56 53 00-0070	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,679.68	201.56
12 56 53 00-0071	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Tilt-Out Door With Removable Bin, Modular Steel Laboratory Base Cabinet	2,639.80	198.55
12 56 53 00-0072	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Tilt-Out Door With Removable Bin, Modular Steel Laboratory Base Cabinet	2,713.93	204.08
12 56 53 00-0073	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,896.17	217.65
12 56 53 00-0074	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,129.84	235.24
12 56 53 00-0075	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,108.31	235.24
12 56 53 00-0076	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,847.87	213.63
12 56 53 00-0077	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	1,500.14	214.63
12 56 53 00-0078	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,993.26	225.19
12 56 53 00-0079	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,942.40	225.19
12 56 53 00-0080	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,298.27	248.11
12 56 53 00-0081	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,429.45	257.96
12 56 53 00-0082	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,642.68	274.05
12 56 53 00-0083	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,728.77	280.49
12 56 53 00-0084	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,036.22	228.21
12 56 53 00-0085	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,244.07	243.78
12 56 53 00-0086	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,263.88	245.30
12 56 53 00-0087	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,389.47	254.85
12 56 53 00-0088	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,914.05	294.55
12 56 53 00-0089	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,048.01	304.61
12 56 53 00-0090	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,250.32	319.68
12 56 53 00-0091	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,253.39	319.68
12 56 53 00-0092	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,755.06	357.89
12 56 53 00-0093	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,794.72	360.41
12 56 53 00-0094	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,892.27	367.94
12 56 53 00-0095	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,159.48	388.55
12 56 53 00-0096	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,176.17	389.56
12 56 53 00-0097	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	5,251.13	394.99
12 56 53 00-0098	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	5,499.02	413.68
12 56 53 00-0099	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	5,604.45	421.62
12 56 53 00-0100	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	5,747.00	432.29
12 56 53 00-0101	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	5,904.03	444.15
12 56 53 00-0102	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,212.24	166.38
12 56 53 00-0103	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,251.98	169.40
12 56 53 00-0104	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,260.61	169.90
12 56 53 00-0105	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,311.74	173.92
12 56 53 00-0106	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	3,041.90	228.81
12 56 53 00-0107	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	3,133.15	235.64
12 56 53 00-0108	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	3,355.19	252.43
12 56 53 00-0109	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	3,403.55	255.86
12 56 53 00-0110	EA	32-7/8" Wide x 35-1/4" High x 21-5/8" Deep, Standard Corner, Modular Steel Laboratory Base Cabinet	3,156.08	237.25
12 56 53 00-0111	EA	32-7/8" Wide x 35-1/4" High x 21-5/8" Deep, Hexagon Corner, Modular Steel Laboratory Base Cabinet	2,928.15	220.16
12 56 53 00-0112	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,553.64	116.91
12 56 53 00-0113	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,573.60	118.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0114	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,639.18	123.15
12 56 53 00-0115	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,644.87	123.66
12 56 53 00-0116	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,152.33	161.96
12 56 53 00-0117	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,200.79	165.58
12 56 53 00-0118	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,346.12	176.43
12 56 53 00-0119	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,354.67	177.13
12 56 53 00-0120	EA	52" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,719.57	204.58
12 56 53 00-0121	EA	58" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,993.26	225.19
12 56 53 00-0122	EA	60" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	3,130.11	235.44
12 56 53 00-0123		25-3/16" High x 16" Deep, Modular Steel Laboratory Wall Cabinets *(12 56 53 00-0002)*		
12 56 53 00-0124	EA	15" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,148.84	86.46
12 56 53 00-0125	EA	18" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,185.90	89.17
12 56 53 00-0126	EA	21" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,194.45	89.88
12 56 53 00-0127	EA	24" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,225.81	92.18
12 56 53 00-0128	EA	30" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,282.84	96.51
12 56 53 00-0129	EA	36" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,311.34	98.62
12 56 53 00-0130	EA	42" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,428.20	107.47
12 56 53 00-0131	EA	48" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,445.33	108.67
12 56 53 00-0132	EA	15" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,699.04	127.78
12 56 53 00-0133	EA	18" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,741.79	130.99
12 56 53 00-0134	EA	21" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,781.70	134.00
12 56 53 00-0135	EA	24" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,818.77	136.83
12 56 53 00-0136	EA	30" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,212.20	166.38
12 56 53 00-0137	EA	36" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,240.70	168.59
12 56 53 00-0138	EA	42" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,443.07	183.78
12 56 53 00-0139	EA	48" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,451.63	184.47
12 56 53 00-0140	EA	15" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	1,986.95	149.49
12 56 53 00-0141	EA	18" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,052.52	154.42
12 56 53 00-0142	EA	21" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,086.71	156.93
12 56 53 00-0143	EA	24" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,123.78	159.74
12 56 53 00-0144	EA	30" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,976.17	223.88
12 56 53 00-0145	EA	36" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,036.05	228.41
12 56 53 00-0146	EA	42" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,212.75	241.68
12 56 53 00-0147	EA	48" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,269.79	246.00
12 56 53 00-0148	EA	25-23/32" Wide x 25-3/16" High x 16" Deep, Corner 18" Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,719.57	204.58
12 56 53 00-0149	EA	28-23/32" Wide x 25-3/16" High x 16" Deep, Corner 18" Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,010.39	226.49
12 56 53 00-0150	EA	30" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,296.77	166.38
12 56 53 00-0151	EA	36" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,326.36	168.59
12 56 53 00-0152	EA	42" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,536.47	183.78
12 56 53 00-0153	EA	48" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,545.35	184.37
12 56 53 00-0154	EA	30" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,089.94	223.88
12 56 53 00-0155	EA	36" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,152.12	228.41
12 56 53 00-0156	EA	42" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,335.57	241.68
12 56 53 00-0157	EA	48" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,394.79	246.00
12 56 53 00-0158		31" High x 16" Deep, Modular Steel Laboratory Wall Cabinets *(12 56 53 00-0002)*		
12 56 53 00-0159	EA	15" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,254.32	94.50
12 56 53 00-0160	EA	18" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,291.39	97.01
12 56 53 00-0161	EA	21" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,297.08	97.52
12 56 53 00-0162	EA	24" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,311.34	98.52
12 56 53 00-0163	EA	30" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,394.01	105.05
12 56 53 00-0164	EA	36" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,433.92	107.57
12 56 53 00-0165	EA	42" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,701.88	128.18
12 56 53 00-0166	EA	48" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,738.97	130.69
12 56 53 00-0167	EA	15" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,770.32	133.21
12 56 53 00-0168	EA	18" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,815.90	136.73
12 56 53 00-0169	EA	21" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,847.29	139.23
12 56 53 00-0170	EA	24" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,935.66	145.27
12 56 53 00-0171	EA	30" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,391.79	179.95
12 56 53 00-0172	EA	36" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,425.97	182.47
12 56 53 00-0173	EA	42" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,696.76	203.07
12 56 53 00-0174	EA	48" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,750.92	207.09
12 56 53 00-0175	EA	15" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,106.67	158.34
12 56 53 00-0176	EA	18" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,169.42	162.87
12 56 53 00-0177	EA	21" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,200.74	165.37
12 56 53 00-0178	EA	24" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,257.78	169.90
12 56 53 00-0179	EA	30" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,073.09	230.71
12 56 53 00-0180	EA	36" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,161.47	237.76
12 56 53 00-0181	EA	42" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,683.10	276.97
12 56 53 00-0182	EA	48" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,509.55	245.80
12 56 53 00-0183	EA	25-23/32" Wide x 31" High x 16" Deep, Corner 18" Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	3,010.31	226.69
12 56 53 00-0184	EA	25-23/32" Wide x 31" High x 16" Deep, Corner 18" Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,583.36	269.92
12 56 53 00-0185	EA	30" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,483.22	179.95
12 56 53 00-0186	EA	36" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,518.71	182.47
12 56 53 00-0187	EA	42" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,799.85	202.87
12 56 53 00-0188	EA	48" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet	2,856.09	206.89

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0189	EA	30" Wide x 31" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,190.57	231.22
12 56 53 00-0190	EA	36" Wide x 31" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,282.33	237.86
12 56 53 00-0191	EA	42" Wide x 31" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet	3,823.91	277.07
12 56 53 00-0192	EA	48" Wide Glass Sliding Door Cases	3,645.34	246.00
12 56 53 00-0193		Wood Laboratory Furniture *(12 56 53)*		
		Note: Laboratory Grade with chemical resistant finish, premium quality mill-made modular units, prefinished with solid 3/4" hardwood face frames, solid 3/4" hardwood door frames and drawer fronts, hardwood veneer on raised door panels (front and back), glued mortise, dowel, and dado joint construction, full backs, mitered corners and solid wood drawer bodies with steel guides and ball bearings. Includes self-closing hinges, door and drawer pulls, mounting hardware and adjustable shelves.		
12 56 53 00-0194		Wood Laboratory Cabinets *(12 56 53 00-0193)*		
12 56 53 00-0195		28-1/2" High x 21-1/2" Deep, Wood Laboratory Base Cabinets *(12 56 53 00-0194)*		
12 56 53 00-0196	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	774.91	79.42
12 56 53 00-0197	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	800.05	81.94
12 56 53 00-0198	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	825.18	84.45
12 56 53 00-0199	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	850.30	87.46
12 56 53 00-0200	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	944.58	97.01
12 56 53 00-0201	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	1,007.42	103.05
12 56 53 00-0202	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	1,053.49	107.57
12 56 53 00-0203	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	1,110.05	113.60
12 56 53 00-0204	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	942.50	96.51
12 56 53 00-0205	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	975.99	100.02
12 56 53 00-0206	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	996.94	102.04
12 56 53 00-0207	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,024.14	105.05
12 56 53 00-0208	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,317.43	134.71
12 56 53 00-0209	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,398.85	143.26
12 56 53 00-0210	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,445.13	147.78
12 56 53 00-0211	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,501.88	153.82
12 56 53 00-0212	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	1,384.26	141.74
12 56 53 00-0213	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	1,432.75	146.77
12 56 53 00-0214	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	1,470.30	150.79
12 56 53 00-0215	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	1,520.60	155.32
12 56 53 00-0216	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,407.45	143.76
12 56 53 00-0217	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,464.00	150.29
12 56 53 00-0218	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,505.89	154.32
12 56 53 00-0219	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,554.07	159.34
12 56 53 00-0220	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	2,201.28	225.19
12 56 53 00-0221	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	2,333.12	238.77
12 56 53 00-0222	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	2,381.24	243.78
12 56 53 00-0223	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	2,475.57	253.34
12 56 53 00-0224	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	2,521.68	257.86
12 56 53 00-0225	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	2,638.93	270.43
12 56 53 00-0226	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	2,716.35	278.47
12 56 53 00-0227	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	2,810.65	288.02
12 56 53 00-0228	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	1,043.00	107.07
12 56 53 00-0229	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	1,080.71	111.09
12 56 53 00-0230	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	1,103.75	113.09
12 56 53 00-0231	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	1,135.17	116.12
12 56 53 00-0232	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	1,683.89	172.41
12 56 53 00-0233	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	1,761.40	180.35
12 56 53 00-0234	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	1,811.65	185.48
12 56 53 00-0235	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	1,876.60	192.12
12 56 53 00-0236	EA	35" Wide x 28-1/2" High x 21-1/2" Deep, Diagonal Corner, Wood Laboratory Base Cabinet	2,199.12	225.19
12 56 53 00-0237	EA	35" Wide x 28-1/2" High x 21-1/2" Deep, Diagonal Corner With Lazy Susan, Wood Laboratory Base Cabinet	2,437.83	249.82
12 56 53 00-0238	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	858.71	87.96
12 56 53 00-0239	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	885.93	90.68
12 56 53 00-0240	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	902.68	92.39
12 56 53 00-0241	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	923.63	94.60
12 56 53 00-0242	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,183.33	121.14
12 56 53 00-0243	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,244.06	127.37
12 56 53 00-0244	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,279.68	130.99
12 56 53 00-0245	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,317.37	134.91
12 56 53 00-0246		35-3/4" High x 22" Deep, Wood Laboratory Base Cabinets *(12 56 53 00-0194)*		
12 56 53 00-0247	EA	24" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet	1,357.67	138.99
12 56 53 00-0248	EA	30" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet	1,758.40	179.72
12 56 53 00-0249	EA	36" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet	1,770.75	181.28
12 56 53 00-0250	EA	48" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet	2,042.30	209.09
12 56 53 00-0251	EA	24" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet	2,225.66	227.85
12 56 53 00-0252	EA	30" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet	2,497.16	255.66
12 56 53 00-0253	EA	36" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet	2,671.25	273.47
12 56 53 00-0254	EA	48" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet	3,163.22	323.84
12 56 53 00-0255	EA	24" Wide x 35-3/4" High x 22" Deep, Combination Door/Drawer, Wood Laboratory Base Cabinet	1,636.15	167.09
12 56 53 00-0256	EA	30" Wide x 35-3/4" High x 22" Deep, Combination Door/Drawer, Wood Laboratory Base Cabinet	2,253.47	230.69
12 56 53 00-0257	EA	36" Wide x 35-3/4" High x 22" Deep, Combination Door/Drawer, Wood Laboratory Base Cabinet	2,344.00	239.97
12 56 53 00-0258	EA	48" Wide Base Cabinet With Combination Door/Drawer	2,620.19	268.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0259		30-5/8" High x 13" Deep, Wood Laboratory Wall Cabinets *(12 56 53 00-0194)*		
12 56 53 00-0260	EA	15" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	921.54	94.50
		For 36" Height Cabinet, Add	*135.57*	
12 56 53 00-0261	EA	18" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	957.15	97.52
		For 36" Height Cabinet, Add	*140.81*	
12 56 53 00-0262	EA	21" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	982.27	100.53
		For 36" Height Cabinet, Add	*144.51*	
12 56 53 00-0263	EA	24" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	896.39	91.48
		For 36" Height Cabinet, Add	*131.88*	
12 56 53 00-0264	EA	30" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,030.46	105.56
		For 36" Height Cabinet, Add	*151.60*	
12 56 53 00-0265	EA	36" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,116.33	114.10
		For 36" Height Cabinet, Add	*164.23*	
12 56 53 00-0266	EA	42" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,166.59	119.63
		For 36" Height Cabinet, Add	*171.62*	
12 56 53 00-0267	EA	48" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,235.71	126.16
		For 36" Height Cabinet, Add	*181.79*	
12 56 53 00-0268	EA	15" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,011.61	103.55
		For 36" Height Cabinet, Add	*148.82*	
12 56 53 00-0269	EA	18" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,057.68	108.57
		For 36" Height Cabinet, Add	*155.60*	
12 56 53 00-0270	EA	21" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	2,356.42	1,136.01
		For 36" Height Cabinet, Add	*16.30*	
12 56 53 00-0271	EA	24" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,137.26	116.12
		For 36" Height Cabinet, Add	*167.31*	
12 56 53 00-0272	EA	30" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,487.05	152.30
		For 36" Height Cabinet, Add	*218.77*	
12 56 53 00-0273	EA	36" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,602.24	163.86
		For 36" Height Cabinet, Add	*235.71*	
12 56 53 00-0274	EA	42" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,675.53	171.90
		For 36" Height Cabinet, Add	*246.50*	
12 56 53 00-0275	EA	48" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,763.47	180.45
		For 36" Height Cabinet, Add	*259.44*	
12 56 53 00-0276	EA	15" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,133.07	116.12
		For 36" Height Cabinet, Add	*166.69*	
12 56 53 00-0277	EA	18" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,177.06	120.63
		For 36" Height Cabinet, Add	*173.17*	
12 56 53 00-0278	EA	21" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,210.56	123.66
		For 36" Height Cabinet, Add	*178.09*	
12 56 53 00-0279	EA	24" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,256.65	128.68
		For 36" Height Cabinet, Add	*184.87*	
12 56 53 00-0280	EA	30" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,732.07	177.44
		For 36" Height Cabinet, Add	*254.82*	
12 56 53 00-0281	EA	36" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,843.09	188.49
		For 36" Height Cabinet, Add	*271.15*	
12 56 53 00-0282	EA	42" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,893.30	194.02
		For 36" Height Cabinet, Add	*278.54*	
12 56 53 00-0283	EA	48" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,008.52	205.58
		For 36" Height Cabinet, Add	*295.49*	
12 56 53 00-0284	EA	30" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,549.91	158.34
		For 36" Height Cabinet, Add	*228.01*	
12 56 53 00-0285	EA	36" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,673.21	171.40
		For 36" Height Cabinet, Add	*246.19*	
12 56 53 00-0286	EA	42" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,786.42	182.97
		For 36" Height Cabinet, Add	*262.83*	
12 56 53 00-0287	EA	48" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,912.09	196.04
		For 36" Height Cabinet, Add	*281.31*	
12 56 53 00-0288	EA	30" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	1,872.62	191.51
		For 36" Height Cabinet, Add	*275.46*	
12 56 53 00-0289	EA	36" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	1,989.86	203.58
		For 36" Height Cabinet, Add	*292.72*	
12 56 53 00-0290	EA	42" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,052.49	210.11
		For 36" Height Cabinet, Add	*301.96*	
12 56 53 00-0291	EA	48" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,165.56	221.68
		For 36" Height Cabinet, Add	*318.60*	
12 56 53 00-0292	EA	23-1/2" Wide x 30-5/8" High x 13" Deep, Corner With Solid Swinging Door, Wood Laboratory Wall Cabinet	2,283.10	233.74
		For 36" Height Cabinet, Add	*335.85*	
12 56 53 00-0293	EA	23-1/2" Wide x 30-5/8" High x 13" Deep, Corner With Glass Swinging Door, Wood Laboratory Wall Cabinet	2,377.06	243.78
		For 36" Height Cabinet, Add	*349.72*	
12 56 53 00-0294		30-5/8" High x 16" Deep, Wood Laboratory Wall Cabinets *(12 56 53 00-0194)*		
12 56 53 00-0295	EA	30" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	1,139.36	116.61
		For 36" Height Cabinet, Add	*167.62*	
12 56 53 00-0296	EA	36" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	1,248.27	127.68
		For 36" Height Cabinet, Add	*183.64*	
12 56 53 00-0297	EA	42" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	1,309.00	134.21
		For 36" Height Cabinet, Add	*192.58*	
12 56 53 00-0298	EA	48" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	1,390.70	141.74
		For 36" Height Cabinet, Add	*204.59*	
12 56 53 00-0299	EA	15" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,059.78	108.57
		For 36" Height Cabinet, Add	*155.91*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0300	EA	18" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,116.33	114.61
		For 36" Height Cabinet, Add	*164.23*	
12 56 53 00-0301	EA	21" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,149.78	118.12
		For 36" Height Cabinet, Add	*169.16*	
12 56 53 00-0302	EA	24" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,198.00	122.14
		For 36" Height Cabinet, Add	*176.25*	
12 56 53 00-0303	EA	30" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,572.94	160.85
		For 36" Height Cabinet, Add	*231.40*	
12 56 53 00-0304	EA	36" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,706.95	174.42
		For 36" Height Cabinet, Add	*251.12*	
12 56 53 00-0305	EA	42" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,782.34	182.97
		For 36" Height Cabinet, Add	*262.21*	
12 56 53 00-0306	EA	48" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,882.84	192.51
		For 36" Height Cabinet, Add	*277.00*	
12 56 53 00-0307	EA	15" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,185.43	121.64
		For 36" Height Cabinet, Add	*174.40*	
12 56 53 00-0308	EA	18" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,221.05	125.16
		For 36" Height Cabinet, Add	*179.64*	
12 56 53 00-0309	EA	21" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,260.82	128.68
		For 36" Height Cabinet, Add	*185.49*	
12 56 53 00-0310	EA	24" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,325.76	135.72
		For 36" Height Cabinet, Add	*195.04*	
12 56 53 00-0311	EA	30" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,807.49	184.97
		For 36" Height Cabinet, Add	*265.91*	
12 56 53 00-0312	EA	36" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,949.91	199.56
		For 36" Height Cabinet, Add	*286.86*	
12 56 53 00-0313	EA	42" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,010.58	206.09
		For 36" Height Cabinet, Add	*295.80*	
12 56 53 00-0314	EA	48" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,140.48	219.16
		For 36" Height Cabinet, Add	*314.90*	
12 56 53 00-0315	EA	30" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,623.22	165.88
		For 36" Height Cabinet, Add	*238.79*	
12 56 53 00-0316	EA	36" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,794.69	183.98
		For 36" Height Cabinet, Add	*264.06*	
12 56 53 00-0317	EA	42" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,884.86	193.02
		For 36" Height Cabinet, Add	*277.31*	
12 56 53 00-0318	EA	48" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	2,014.93	206.59
		For 36" Height Cabinet, Add	*296.41*	
12 56 53 00-0319	EA	30" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	1,956.45	200.06
		For 36" Height Cabinet, Add	*287.79*	
12 56 53 00-0320	EA	36" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,079.92	212.63
		For 36" Height Cabinet, Add	*305.97*	
12 56 53 00-0321	EA	42" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,163.52	221.68
		For 36" Height Cabinet, Add	*318.29*	
12 56 53 00-0322	EA	48" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,280.74	233.23
		For 36" Height Cabinet, Add	*335.55*	
12 56 53 00-0323	EA	26-1/2" Wide x 30-5/8" High x 16" Deep, Corner With Solid Swinging Door, Wood Laboratory Wall Cabinet	2,389.89	244.79
		For 36" Height Cabinet, Add	*351.57*	
12 56 53 00-0324	EA	26-1/2" Wide x 30-5/8" High x 16" Deep, Corner With Glass Swinging Door, Wood Laboratory Wall Cabinet	2,467.07	252.83
		For 36" Height Cabinet, Add	*362.97*	

12 56 53 00-0325 Wood Laboratory Pegboard *(12 56 53 00-0193)*

12 56 53 00-0326	EA	3/4" Thick x 32" Long x 29" High Laboratory Pegboard Note: Includes 53 polypropylene pegs, each 1/2" diameter x 4-1/2" long and ribbon sealing putty for wall mounting	1,536.77	161.90

12 56 53 00-0327 Plastic Laminate Laboratory Furniture *(12 56 53)*

12 56 53 00-0328 Plastic Laminate Laboratory Cabinets *(12 56 53 00-0327)*

12 56 53 00-0329 28-1/2" High x 22.3" Deep, Plastic Laminate Laboratory Base Cabinet *(12 56 53 00-0328)*

12 56 53 00-0330	EA	15" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	875.54	79.32
12 56 53 00-0331	EA	18" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	903.94	81.94
12 56 53 00-0332	EA	21" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	932.33	84.45
12 56 53 00-0333	EA	24" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	960.72	87.06
12 56 53 00-0334	EA	30" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,067.23	96.71
12 56 53 00-0335	EA	36" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,138.23	103.15
12 56 53 00-0336	EA	42" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,190.28	107.87
12 56 53 00-0337	EA	48" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,254.18	113.70
12 56 53 00-0338	EA	15" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,064.87	96.51
12 56 53 00-0339	EA	18" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,102.72	99.92
12 56 53 00-0340	EA	21" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,126.39	102.04
12 56 53 00-0341	EA	24" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,157.13	104.85
12 56 53 00-0342	EA	30" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,488.48	134.91
12 56 53 00-0343	EA	36" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,580.51	143.15
12 56 53 00-0344	EA	42" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,632.78	147.98
12 56 53 00-0345	EA	48" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,696.87	153.82
12 56 53 00-0346	EA	15" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	1,564.02	141.65
12 56 53 00-0347	EA	18" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	1,618.76	146.77
12 56 53 00-0348	EA	21" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	1,661.21	150.59
12 56 53 00-0349	EA	24" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	1,718.04	155.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0350	EA	15" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	1,590.20	144.06
12 56 53 00-0351	EA	18" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	1,654.10	149.90
12 56 53 00-0352	EA	21" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	1,701.42	154.22
12 56 53 00-0353	EA	24" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	1,755.86	159.14
12 56 53 00-0354	EA	15" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,281.75	96.51
12 56 53 00-0355	EA	18" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,328.49	100.02
12 56 53 00-0356	EA	21" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,356.90	102.04
12 56 53 00-0357	EA	24" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,393.84	105.05
12 56 53 00-0358	EA	30" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	2,013.51	182.47
12 56 53 00-0359	EA	36" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	2,162.88	196.04
12 56 53 00-0360	EA	42" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	2,216.77	201.06
12 56 53 00-0361	EA	48" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	2,323.59	210.61
12 56 53 00-0362	EA	15" Wide Cabinet, 1 Drawer Over Cupboard	1,178.43	106.77
12 56 53 00-0363	EA	18" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinets	1,221.04	110.69
12 56 53 00-0364	EA	21" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	1,247.07	112.99
12 56 53 00-0365	EA	24" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	1,282.57	116.22
12 56 53 00-0366	EA	30" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	1,902.54	172.41
12 56 53 00-0367	EA	36" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	1,990.11	180.35
12 56 53 00-0368	EA	42" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	2,046.89	185.48
12 56 53 00-0369	EA	48" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	2,120.27	192.12
12 56 53 00-0370	EA	22.3" Wide x 28-1/2" High x 22.3" Deep, Diagonal Corner, Plastic Laminate Laboratory Base Cabinet	2,484.75	225.19
12 56 53 00-0371	EA	22.3" Wide x 28-1/2" High x 22.3" Deep, Diagonal Corner With Lazy Susan, Plastic Laminate Laboratory Base Cabinet	2,754.38	249.62
12 56 53 00-0372	EA	15" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	970.21	87.96
12 56 53 00-0373	EA	18" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,000.96	90.68
12 56 53 00-0374	EA	21" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,019.89	92.39
12 56 53 00-0375	EA	24" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,043.56	94.60
12 56 53 00-0376	EA	30" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,336.98	121.14
12 56 53 00-0377	EA	36" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,405.60	127.37
12 56 53 00-0378	EA	42" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,445.84	130.99
12 56 53 00-0379	EA	48" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,488.42	134.91

12 56 53 00-0380 30.6" High x 12" Deep, Plastic Laminate Laboratory Wall Cabinet *(12 56 53 00-0328)*

12 56 53 00-0381	EA	15" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,041.20	94.40
		For 36" Height Cabinet, Add	*157.71*	
12 56 53 00-0382	EA	18" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,081.43	98.02
		For 36" Height Cabinet, Add	*163.80*	
12 56 53 00-0383	EA	21" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,109.82	100.53
		For 36" Height Cabinet, Add	*168.11*	
12 56 53 00-0384	EA	24" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,012.79	91.78
		For 36" Height Cabinet, Add	*153.41*	
12 56 53 00-0385	EA	30" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,164.26	105.56
		For 36" Height Cabinet, Add	*176.35*	
12 56 53 00-0386	EA	36" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,261.28	114.30
		For 36" Height Cabinet, Add	*191.04*	
12 56 53 00-0387	EA	42" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,318.06	119.43
		For 36" Height Cabinet, Add	*199.65*	
12 56 53 00-0388	EA	48" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,396.16	126.57
		For 36" Height Cabinet, Add	*211.48*	
12 56 53 00-0389	EA	15" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,142.96	103.55
		For 36" Height Cabinet, Add	*173.12*	
12 56 53 00-0390	EA	18" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,195.02	108.27
		For 36" Height Cabinet, Add	*181.01*	
12 56 53 00-0391	EA	21" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,370.80	1,134.19
		For 36" Height Cabinet, Add	*18.96*	
12 56 53 00-0392	EA	24" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,284.93	116.41
		For 36" Height Cabinet, Add	*194.63*	
12 56 53 00-0393	EA	30" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,680.14	152.30
		For 36" Height Cabinet, Add	*254.49*	
12 56 53 00-0394	EA	36" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,810.28	164.06
		For 36" Height Cabinet, Add	*274.20*	
12 56 53 00-0395	EA	42" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,893.09	171.50
		For 36" Height Cabinet, Add	*286.75*	
12 56 53 00-0396	EA	48" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,992.45	180.55
		For 36" Height Cabinet, Add	*301.80*	
12 56 53 00-0397	EA	15" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,280.19	116.02
		For 36" Height Cabinet, Add	*193.91*	
12 56 53 00-0398	EA	18" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,329.89	120.54
		For 36" Height Cabinet, Add	*201.44*	
12 56 53 00-0399	EA	21" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,367.75	123.96
		For 36" Height Cabinet, Add	*207.17*	
12 56 53 00-0400	EA	24" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,419.82	128.68
		For 36" Height Cabinet, Add	*215.06*	
12 56 53 00-0401	EA	30" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,956.97	177.34
		For 36" Height Cabinet, Add	*296.42*	
12 56 53 00-0402	EA	36" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,082.41	188.69
		For 36" Height Cabinet, Add	*315.42*	
12 56 53 00-0403	EA	42" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,139.15	193.82
		For 36" Height Cabinet, Add	*324.02*	
12 56 53 00-0404	EA	48" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,269.32	205.68
		For 36" Height Cabinet, Add	*343.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0405	EA	30" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	1,751.15	158.73
		For 36" Height Cabinet, Add	*265.24*	
12 56 53 00-0406	EA	36" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	1,890.50	171.21
		For 36" Height Cabinet, Add	*286.39*	
12 56 53 00-0407	EA	42" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,018.40	182.87
		For 36" Height Cabinet, Add	*305.74*	
12 56 53 00-0408	EA	48" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,160.39	195.94
		For 36" Height Cabinet, Add	*327.25*	
12 56 53 00-0409	EA	30" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,115.74	191.82
		For 36" Height Cabinet, Add	*320.44*	
12 56 53 00-0410	EA	36" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,248.21	203.78
		For 36" Height Cabinet, Add	*340.51*	
12 56 53 00-0411	EA	42" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,319.01	210.11
		For 36" Height Cabinet, Add	*351.27*	
12 56 53 00-0412	EA	48" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,446.76	221.68
		For 36" Height Cabinet, Add	*370.62*	

12 56 53 00-0413 30.6" High x 16" Deep, Plastic Laminate Laboratory Wall Cabinet *(12 56 53 00-0328)*

12 56 53 00-0414	EA	15" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,197.38	108.47
		For 36" Height Cabinet, Add	*181.37*	
12 56 53 00-0415	EA	18" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,261.28	114.30
		For 36" Height Cabinet, Add	*191.04*	
12 56 53 00-0416	EA	21" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,299.08	117.72
		For 36" Height Cabinet, Add	*196.78*	
12 56 53 00-0417	EA	24" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,353.56	122.65
		For 36" Height Cabinet, Add	*205.02*	
12 56 53 00-0418	EA	30" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,777.17	161.05
		For 36" Height Cabinet, Add	*269.18*	
12 56 53 00-0419	EA	36" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,928.59	174.83
		For 36" Height Cabinet, Add	*292.12*	
12 56 53 00-0420	EA	42" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,013.77	182.47
		For 36" Height Cabinet, Add	*305.03*	
12 56 53 00-0421	EA	48" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,127.32	192.71
		For 36" Height Cabinet, Add	*322.23*	
12 56 53 00-0422	EA	15" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,339.35	121.34
		For 36" Height Cabinet, Add	*202.87*	
12 56 53 00-0423	EA	18" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,379.60	125.06
		For 36" Height Cabinet, Add	*208.97*	
12 56 53 00-0424	EA	21" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,424.53	129.08
		For 36" Height Cabinet, Add	*215.78*	
12 56 53 00-0425	EA	24" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,497.90	135.72
		For 36" Height Cabinet, Add	*226.89*	
12 56 53 00-0426	EA	30" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,042.18	185.08
		For 36" Height Cabinet, Add	*309.33*	
12 56 53 00-0427	EA	36" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,203.10	199.66
		For 36" Height Cabinet, Add	*333.70*	
12 56 53 00-0428	EA	42" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,271.66	205.78
		For 36" Height Cabinet, Add	*344.10*	
12 56 53 00-0429	EA	48" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,418.41	219.16
		For 36" Height Cabinet, Add	*366.32*	
12 56 53 00-0430	EA	30" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	1,833.98	166.18
		For 36" Height Cabinet, Add	*277.78*	
12 56 53 00-0431	EA	36" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,027.75	183.67
		For 36" Height Cabinet, Add	*307.18*	
12 56 53 00-0432	EA	42" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,129.62	192.92
		For 36" Height Cabinet, Add	*322.59*	
12 56 53 00-0433	EA	48" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,276.54	206.39
		For 36" Height Cabinet, Add	*344.81*	
12 56 53 00-0434	EA	30" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,210.45	200.46
		For 36" Height Cabinet, Add	*334.78*	
12 56 53 00-0435	EA	36" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,349.96	213.03
		For 36" Height Cabinet, Add	*355.92*	
12 56 53 00-0436	EA	42" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,444.44	221.47
		For 36" Height Cabinet, Add	*370.26*	
12 56 53 00-0437	EA	48" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,576.89	233.54
		For 36" Height Cabinet, Add	*390.33*	

12 56 53 00-0438 Laboratory Furniture Accessories *(12 56 53)*

12 56 53 00-0439 Laboratory Base Cabinet Accessories *(12 56 53 00-0438)*

12 56 53 00-0440 Cantilever Table Frames On Wall Rail System *(12 56 53 00-0439)*

12 56 53 00-0441	EA	29" x 48" Cantilever Table Frame On Wall Rail System Note: Model #CEX80900 as manufactured by Fisher Hamilton or equal.	1,447.53	75.40

12 56 53 00-0442 Base Cabinet Trim *(12 56 53 00-0439)*

12 56 53 00-0443	LF	4" High Cabinet Toe Board Trim	12.07

12 56 53 00-0444 Laboratory Pegboards *(12 56 53 00-0438)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0445		Stainless Steel Laboratory Pegboards *(12 56 53 00-0444)*		
12 56 53 00-0446	EA	24" Long x 30" High, 3/4" Thick, Wall Mount, 304 Stainless Steel Laboratory Pegboard With Drip Trough And (32) 1/2" x 6" Polypropylene Pegs (Kewaunee X-020004)	1,547.31	62.83
12 56 53 00-0447	EA	30" Long x 30" High, 3/4" Thick, Wall Mount, 304 Stainless Steel Laboratory Pegboard With Drip Trough And (50) 1/2" x 6" Polypropylene Pegs (Kewaunee X-020005)	1,740.47	62.83
12 56 53 00-0448	EA	24" Long x 30" High, 3/4" Thick, Bench/Exposed Mount, 304 Stainless Steel Laboratory Pegboard With Drip Trough And (32) 1/2" x 6" Polypropylene Pegs (Kewaunee X-020006)	2,215.04	62.83
12 56 53 00-0449	EA	30" Long x 30" High, 3/4" Thick, Bench/Exposed Mount, 304 Stainless Steel Laboratory Pegboard With Drip Trough And (50) 1/2" x 6" Polypropylene Pegs (Kewaunee X-020007)	2,408.20	62.83
12 56 53 00-0450	EA	24" Long x 30" High, 3/4" Thick, Wall Mount, 304 Stainless Steel Laboratory Pegboard With Drip Deflector And (32) 1/2" x 6" Polypropylene Pegs (Kewaunee X-020008)	1,178.66	62.83
12 56 53 00-0451	EA	30" Long x 30" High, 3/4" Thick, Wall Mount, 304 Stainless Steel Laboratory Pegboard With Drip Deflector And (50) 1/2" x 6" Polypropylene Pegs (Kewaunee X-020009)	1,320.93	62.83
12 56 53 00-0452	EA	24" Long x 30" High, 3/4" Thick, Bench/Exposed Mount, 304 Stainless Steel Laboratory Pegboard With Drip Deflector And (32) 1/2" x 6" Polypropylene Pegs (Kewaunee X-020010)	1,849.50	62.83
12 56 53 00-0453	EA	30" Long x 30" High, 3/4" Thick, Bench/Exposed Mount, 304 Stainless Steel Laboratory Pegboard With Drip Deflector And (50) 1/2" x 6" Polypropylene Pegs (Kewaunee X-020011)	1,985.54	62.83
12 56 53 00-0454		Black Kemresin Laboratory Pegboards *(12 56 53 00-0444)*		
12 56 53 00-0455	EA	20" Long x 29" High, 1" Thick, Wall Mount, Black Kemresin Laboratory Pegboard With (32) 1/2" x 5" Polypropylene Pegs (Kewaunee X-020014)	744.58	62.83
12 56 53 00-0456	EA	32" Long x 29" High, 1" Thick, Wall Mount, Black Kemresin Laboratory Pegboard With (53) 1/2" x 5" Polypropylene Pegs (Kewaunee X-020015)	1,139.20	62.83
12 56 53 00-0457	EA	20" Long x 29" High, 1" Thick, Wall Mount, Black Kemresin Laboratory Pegboard With Drip Trough And (32) 1/2" x 5" Polypropylene Pegs (Kewaunee X-020016)	881.66	62.83
12 56 53 00-0458	EA	32" Long x 29" High, 1" Thick, Wall Mount, Black Kemresin Laboratory Pegboard With Drip Trough And (53) 1/2" x 5" Polypropylene Pegs (Kewaunee X-020017)	1,340.66	62.83
12 56 53 00-0459		Television Mounts *(12 56 53 00-0438)*		
12 56 53 00-0460	EA	Tilt Television Wall Mount For 42" To 90" TVs (Sanus BLT2-B1)	293.90	24.23

12 59 Systems Furniture *(12 50)*

12 59 13 Panel-Hung Component System Furniture *(12 59)*

12 59 13 00-0001		Open Office Systems Furniture Components *(12 59 13)* Note: Excludes electrical wire and wiring devices.		
12 59 13 00-0002	EA	34H 24W Fabric Covered Panel - Component Systems Furniture	289.88	24.62
		For Tackable Acoustical Barrier Panel, Add	*52.53*	
		For Acoustical Panel, Add	*57.10*	
		For Enameled Surface, Deduct	*-22.84*	
12 59 13 00-0003	EA	34H 30W Fabric Covered Panel - Component Systems Furniture	322.17	27.39
		For Tackable Acoustical Barrier Panel, Add	*58.38*	
		For Acoustical Panel, Add	*63.46*	
		For Enameled Surface, Deduct	*-25.38*	
12 59 13 00-0004	EA	34H 36W Fabric Covered Panel - Component Systems Furniture	344.48	29.18
		For Tackable Acoustical Barrier Panel, Add	*62.42*	
		For Acoustical Panel, Add	*67.85*	
		For Enameled Surface, Deduct	*-27.14*	
12 59 13 00-0005	EA	34H 48W Fabric Covered Panel - Component Systems Furniture	385.99	32.77
		For Tackable Acoustical Barrier Panel, Add	*69.95*	
		For Acoustical Panel, Add	*76.03*	
		For Enameled Surface, Deduct	*-30.41*	
12 59 13 00-0006	EA	42H 24W Fabric Covered Panel - Component Systems Furniture	294.48	24.98
		For Tackable Acoustical Barrier Panel, Add	*53.36*	
		For Acoustical Panel, Add	*58.00*	
		For Enameled Surface, Deduct	*-23.20*	
12 59 13 00-0007	EA	42H 30W Fabric Covered Panel - Component Systems Furniture	332.92	28.20
		For Tackable Acoustical Barrier Panel, Add	*60.33*	
		For Acoustical Panel, Add	*65.58*	
		For Enameled Surface, Deduct	*-26.23*	
12 59 13 00-0008	EA	42H 36W Fabric Covered Panel - Component Systems Furniture	372.90	31.69
		For Tackable Acoustical Barrier Panel, Add	*67.57*	
		For Acoustical Panel, Add	*73.45*	
		For Enameled Surface, Deduct	*-29.38*	
12 59 13 00-0009	EA	42H 48W Fabric Covered Panel - Component Systems Furniture	438.28	37.15
		For Tackable Acoustical Barrier Panel, Add	*79.42*	
		For Acoustical Panel, Add	*86.33*	
		For Enameled Surface, Deduct	*-34.53*	
12 59 13 00-0010	EA	62H 12W Fabric Covered Panel - Component Systems Furniture	283.72	24.07
		For Tackable Acoustical Barrier Panel, Add	*51.41*	
		For Acoustical Panel, Add	*55.88*	
		For Enameled Surface, Deduct	*-22.35*	
12 59 13 00-0011	EA	62H 24W Fabric Covered Panel - Component Systems Furniture	349.08	29.62
		For Tackable Acoustical Barrier Panel, Add	*63.26*	
		For Acoustical Panel, Add	*68.76*	
		For Enameled Surface, Deduct	*-27.50*	
12 59 13 00-0012	EA	62H 36W Fabric Covered Panel - Component Systems Furniture	436.76	37.06
		For Tackable Acoustical Barrier Panel, Add	*79.14*	
		For Acoustical Panel, Add	*86.03*	
		For Enameled Surface, Deduct	*-34.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0013	EA	62H 48W Fabric Covered Panel - Component Systems Furniture	522.84	44.31
		For Tackable Acoustical Barrier Panel, Add	*94.75*	
		For Acoustical Panel, Add	*102.99*	
		For Enameled Surface, Deduct	*-41.20*	
12 59 13 00-0014	EA	34" Draw Rod Panel Connector Hardware	15.83	1.34
12 59 13 00-0015	EA	42" Draw Rod Panel Connector Hardware	15.83	1.34
12 59 13 00-0016	EA	62" Draw Rod Panel Connector Hardware	16.88	1.43
12 59 13 00-0017	EA	34" Two-Way 90 Degree Panel Connector Hardware	72.81	6.17
12 59 13 00-0018	EA	42" Two-Way 90 Degree Panel Connector Hardware	84.43	7.17
12 59 13 00-0019	EA	62" Two-Way 90 Degree Panel Connector Hardware	97.10	8.24
12 59 13 00-0020	EA	34" Three-Way 90 Degree Panel Connector Hardware	112.92	9.57
12 59 13 00-0021	EA	42" Three-Way 90 Degree Panel Connector Hardware	130.87	11.10
12 59 13 00-0022	EA	62" Three-Way 90 Degree Panel Connector Hardware	151.98	12.89
12 59 13 00-0023	EA	34" Four-Way 90 Degree Panel Connector Hardware	142.48	12.08
12 59 13 00-0024	EA	42" Four-Way 90 Degree Panel Connector Hardware	166.75	14.14
12 59 13 00-0025	EA	62" Four-Way 90 Degree Panel Connector Hardware	200.52	17.01
12 59 13 00-0026	EA	34" Panel End Cap Hardware	24.27	2.06
12 59 13 00-0027	EA	42" Panel End Cap Hardware	27.44	2.33
12 59 13 00-0028	EA	62" Panel End Cap Hardware	29.55	2.51
12 59 13 00-0029	EA	28" Variable Height Panel End Filler Note: Field cut to appropriate length.	26.78	2.33
12 59 13 00-0030	EA	Two-Way Trim Cover For Cable Management Raceway	13.78	1.16
12 59 13 00-0031	EA	Three-Way Trim Cover For Cable Management Raceway	14.53	1.25
12 59 13 00-0032	EA	Four-Way Trim Cover For Cable Management Raceway	16.83	1.43
12 59 13 00-0033	EA	Finished End Trim Cover For Cable Management Raceway	13.78	1.16
12 59 13 00-0034	EA	12" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	28.32	2.42
12 59 13 00-0035	EA	24" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	32.13	2.69
12 59 13 00-0036	EA	30" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	32.89	2.78
12 59 13 00-0037	EA	36" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	36.73	3.13
12 59 13 00-0038	EA	48" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	41.31	3.49
12 59 13 00-0039	EA	24" x 36" Radiused Edge Rectangular Hanging Work Surface	222.21	18.80
12 59 13 00-0040	EA	30" x 36" Radiused Edge Rectangular Hanging Work Surface	273.73	23.18
12 59 13 00-0041	EA	24" x 48" Radiused Edge Rectangular Hanging Work Surface	258.35	21.93
12 59 13 00-0042	EA	30" x 48" Radiused Edge Rectangular Hanging Work Surface	322.96	27.39
12 59 13 00-0043	EA	24" x 60" Radiused Edge Rectangular Hanging Work Surface	326.01	27.66
12 59 13 00-0044	EA	30" x 60" Radiused Edge Rectangular Hanging Work Surface	410.61	34.91
12 59 13 00-0045	EA	24" x 72" Radiused Edge Rectangular Hanging Work Surface	395.98	33.57
12 59 13 00-0046	EA	30" x 72" Radiused Edge Rectangular Hanging Work Surface	497.44	42.16
12 59 13 00-0047	EA	30" x 60" Radiused Edge Table	883.69	75.01
12 59 13 00-0048	EA	30" x 72" Radiused Edge Table	965.69	81.99
12 59 13 00-0049	EA	14" x 24" Radiused Edge Transaction Surface	106.11	9.04
12 59 13 00-0050	EA	14" x 36" Radiused Edge Transaction Surface	120.71	10.21
12 59 13 00-0051	EA	14" x 48" Radiused Edge Transaction Surface	135.33	11.46
12 59 13 00-0052	EA	14" x 60" Radiused Edge Transaction Surface	168.38	14.32
12 59 13 00-0053	EA	14" x 72" Radiused Edge Transaction Surface	202.20	17.19
12 59 13 00-0054	EA	14" Right Angle Corner Transaction Surface	353.71	29.99
12 59 13 00-0055	EA	Transaction Surface Support	28.02	2.37
12 59 13 00-0056	EA	Plastic Pencil Drawer	30.65	2.33
12 59 13 00-0057	EA	15-1/2" x 24" Hanging Shelf	103.31	8.77
12 59 13 00-0058	EA	15-1/2" x 36" Hanging Shelf	112.47	9.48
12 59 13 00-0059	EA	15-1/2" x 48" Hanging Shelf	120.13	10.21
12 59 13 00-0060	EA	24" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	178.27	15.12
12 59 13 00-0061	EA	36" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	208.12	17.72
12 59 13 00-0062	EA	48" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	238.72	20.23
12 59 13 00-0063	EA	24" Suspended Lateral File, Lockable	614.75	51.87
12 59 13 00-0064	EA	30" Suspended Lateral File, Lockable	649.29	54.78
12 59 13 00-0065	EA	36" Suspended Lateral File, Lockable	685.10	57.80
12 59 13 00-0066	EA	48" Suspended Lateral File, Lockable	749.30	63.22
12 59 13 00-0067	EA	Fully Adjustable Vinyl Keyboard Tray	278.53	23.63
12 59 13 00-0068	EA	Palm Rest For Vinyl Keyboard Tray	43.60	3.76
12 59 13 00-0069	EA	24" x 36" Radiused Edge Corner Work Surface	351.88	29.89
12 59 13 00-0070	EA	File Drawer Organizer	113.25	9.57
12 59 13 00-0071	EA	Suspended Lateral File Converter Bracket	24.49	2.06
12 59 13 00-0072	EA	Utility Task Light	122.42	10.39

12 59 13 00-0073 Disassemble And Store Systems Furniture Components *(12 59 13)*

12 59 13 00-0074	EA	Disassemble And Store 34H 24W Fabric Covered Panel	30.76	
12 59 13 00-0075	EA	Disassemble And Store 34H 30W Fabric Covered Panel	34.18	
12 59 13 00-0076	EA	Disassemble And Store 34H 36W Fabric Covered Panel	36.55	
12 59 13 00-0077	EA	Disassemble And Store 34H 48W Fabric Covered Panel	40.95	
12 59 13 00-0078	EA	Disassemble And Store 42H 24W Fabric Covered Panel	31.25	
12 59 13 00-0079	EA	Disassemble And Store 42H 30W Fabric Covered Panel	35.32	
12 59 13 00-0080	EA	Disassemble And Store 42H 36W Fabric Covered Panel	39.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0081	EA	Disassemble And Store 42H 48W Fabric Covered Panel	46.50	
12 59 13 00-0082	EA	Disassemble And Store 62H 12W Fabric Covered Panel	30.11	
12 59 13 00-0083	EA	Disassemble And Store 62H 24W Fabric Covered Panel	37.04	
12 59 13 00-0084	EA	Disassemble And Store 62H 36W Fabric Covered Panel	46.34	
12 59 13 00-0085	EA	Disassemble And Store 62H 48W Fabric Covered Panel	55.49	
12 59 13 00-0086	EA	Disassemble And Store 34" Draw Rod Panel Connector Hardware	1.68	
12 59 13 00-0087	EA	Disassemble And Store 42" Draw Rod Panel Connector Hardware	1.68	
12 59 13 00-0088	EA	Disassemble And Store 62" Draw Rod Panel Connector Hardware	1.80	
12 59 13 00-0089	EA	Disassemble And Store 34" Two-Way 90 Degree Panel Connector Hardware	7.73	
12 59 13 00-0090	EA	Disassemble And Store 42" Two-Way 90 Degree Panel Connector Hardware	8.96	
12 59 13 00-0091	EA	Disassemble And Store 62" Two-Way 90 Degree Panel Connector Hardware	10.31	
12 59 13 00-0092	EA	Disassemble And Store 34" Three-Way 90 Degree Panel Connector Hardware	11.98	
12 59 13 00-0093	EA	Disassemble And Store 42" Three-Way 90 Degree Panel Connector Hardware	13.89	
12 59 13 00-0094	EA	Disassemble And Store 62" Three-Way 90 Degree Panel Connector Hardware	16.13	
12 59 13 00-0095	EA	Disassemble And Store 34" Four-Way 90 Degree Panel Connector Hardware	15.12	
12 59 13 00-0096	EA	Disassemble And Store 42" Four-Way 90 Degree Panel Connector Hardware	17.69	
12 59 13 00-0097	EA	Disassemble And Store 62" Four-Way 90 Degree Panel Connector Hardware	21.27	
12 59 13 00-0098	EA	Disassemble And Store 34" Panel End Cap Hardware	2.58	
12 59 13 00-0099	EA	Disassemble And Store 42" Panel End Cap Hardware	2.91	
12 59 13 00-0100	EA	Disassemble And Store 62" Panel End Cap Hardware	3.13	
12 59 13 00-0101	EA	Disassemble And Store Variable Height Panel End Filler	2.84	
12 59 13 00-0102	EA	Disassemble And Store Two-Way Trim Cover For Cable Management Raceway	1.47	
12 59 13 00-0103	EA	Disassemble And Store Three-Way Trim Cover For Cable Management Raceway	1.55	
12 59 13 00-0104	EA	Disassemble And Store Four-Way Trim Cover For Cable Management Raceway	1.79	
12 59 13 00-0105	EA	Disassemble And Store Finished End Trim Cover For Cable Management Raceway	1.47	
12 59 13 00-0106	EA	Disassemble And Store 12" Cable Management Raceway Assembly	3.00	
12 59 13 00-0107	EA	Disassemble And Store 24" Cable Management Raceway Assembly	3.41	
12 59 13 00-0108	EA	Disassemble And Store 30" Cable Management Raceway Assembly	3.49	
12 59 13 00-0109	EA	Disassemble And Store 36" Cable Management Raceway Assembly	3.89	
12 59 13 00-0110	EA	Disassemble And Store 48" Cable Management Raceway Assembly	4.39	
12 59 13 00-0111	EA	Disassemble And Store 24" x 36" Radiused Edge Rectangular Hanging Work Surface	23.58	
12 59 13 00-0112	EA	Disassemble And Store 30" x 36" Radiused Edge Rectangular Hanging Work Surface	29.04	
12 59 13 00-0113	EA	Disassemble And Store 24" x 48" Radiused Edge Rectangular Hanging Work Surface	27.42	
12 59 13 00-0114	EA	Disassemble And Store 30" x 48" Radiused Edge Rectangular Hanging Work Surface	34.27	
12 59 13 00-0115	EA	Disassemble And Store 24" x 60" Radiused Edge Rectangular Hanging Work Surface	34.60	
12 59 13 00-0116	EA	Disassemble And Store 30" x 60" Radiused Edge Rectangular Hanging Work Surface	43.57	
12 59 13 00-0117	EA	Disassemble And Store 24" x 72" Radiused Edge Rectangular Hanging Work Surface	42.02	
12 59 13 00-0118	EA	Disassemble And Store 30" x 72" Radiused Edge Rectangular Hanging Work Surface	52.80	
12 59 13 00-0119	EA	Disassemble And Store 30" x 60" Radiused Edge Table	81.53	
12 59 13 00-0120	EA	Disassemble And Store 30" x 72" Radiused Edge Table	102.45	
12 59 13 00-0121	EA	Disassemble And Store 14" x 24" Radiused Edge Transaction Surface	11.26	
12 59 13 00-0122	EA	Disassemble And Store 14" x 36" Radiused Edge Transaction Surface	12.80	
12 59 13 00-0123	EA	Disassemble And Store 14" x 48" Radiused Edge Transaction Surface	14.36	
12 59 13 00-0124	EA	Disassemble And Store 14" x 60" Radiused Edge Transaction Surface	17.86	
12 59 13 00-0125	EA	Disassemble And Store 14" x 72" Radiused Edge Transaction Surface	21.46	
12 59 13 00-0126	EA	Disassemble And Store 14" Right Angle Corner Transaction Surface	37.53	
12 59 13 00-0127	EA	Disassemble And Store Transaction Surface Support	2.96	
12 59 13 00-0128	EA	Disassemble And Store Plastic Pencil Drawer	2.92	
12 59 13 00-0129	EA	Disassemble And Store 15-1/2" x 24" Hanging Shelf	10.96	
12 59 13 00-0130	EA	Disassemble And Store 15-1/2" x 36" Hanging Shelf	11.93	
12 59 13 00-0131	EA	Disassemble And Store 15-1/2" x 48" Hanging Shelf	12.74	
12 59 13 00-0132	EA	Disassemble And Store 24" Flipper Door And Shelf	18.92	
12 59 13 00-0133	EA	Disassemble And Store 36" Flipper Door And Shelf	22.09	
12 59 13 00-0134	EA	Disassemble And Store 48" Flipper Door And Shelf	25.33	
12 59 13 00-0135	EA	Disassemble And Store 24" Suspended Lateral File	64.84	
12 59 13 00-0136	EA	Disassemble And Store 30" Suspended Lateral File	68.47	
12 59 13 00-0137	EA	Disassemble And Store 36" Suspended Lateral File	72.25	
12 59 13 00-0138	EA	Disassemble And Store 48" Suspended Lateral File	79.03	
12 59 13 00-0139	EA	Disassemble And Store Fully Adjustable Vinyl Keyboard Tray	29.55	
12 59 13 00-0140	EA	Disassemble And Store 24" x 36" Radiused Edge Corner Work Surface	37.34	
12 59 13 00-0141	EA	Disassemble And Store Utility Task Light	13.00	

12 59 13 00-0142 Reconfigure Systems Furniture Components *(12 59 13)*

12 59 13 00-0143	EA	Reconfigure 34H 24W Fabric Covered Panel	32.80	
12 59 13 00-0144	EA	Reconfigure 34H 30W Fabric Covered Panel	36.45	
12 59 13 00-0145	EA	Reconfigure 34H 36W Fabric Covered Panel	38.97	
12 59 13 00-0146	EA	Reconfigure 34H 48W Fabric Covered Panel	43.67	
12 59 13 00-0147	EA	Reconfigure 42H 24W Fabric Covered Panel	33.32	
12 59 13 00-0148	EA	Reconfigure 42H 30W Fabric Covered Panel	37.66	
12 59 13 00-0149	EA	Reconfigure 42H 36W Fabric Covered Panel	42.19	
12 59 13 00-0150	EA	Reconfigure 42H 48W Fabric Covered Panel	49.58	
12 59 13 00-0151	EA	Reconfigure 62H 12W Fabric Covered Panel	32.10	
12 59 13 00-0152	EA	Reconfigure 62H 24W Fabric Covered Panel	39.50	
12 59 13 00-0153	EA	Reconfigure 62H 36W Fabric Covered Panel	49.41	
12 59 13 00-0154	EA	Reconfigure 62H 48W Fabric Covered Panel	59.15	
12 59 13 00-0155	EA	Reconfigure 34" Draw Rod Panel Connector Hardware	1.79	
12 59 13 00-0156	EA	Reconfigure 42" Draw Rod Panel Connector Hardware	1.79	
12 59 13 00-0157	EA	Reconfigure 62" Draw Rod Panel Connector Hardware	1.91	
12 59 13 00-0158	EA	Reconfigure 34" Two-Way 90 Degree Panel Connector Hardware	8.24	
12 59 13 00-0159	EA	Reconfigure 42" Two-Way 90 Degree Panel Connector Hardware	9.55	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0160	EA	Reconfigure 62" Two-Way 90 Degree Panel Connector Hardware	10.99	
12 59 13 00-0161	EA	Reconfigure 34" Three-Way 90 Degree Panel Connector Hardware	12.77	
12 59 13 00-0162	EA	Reconfigure 42" Three-Way 90 Degree Panel Connector Hardware	14.80	
12 59 13 00-0163	EA	Reconfigure 62" Three-Way 90 Degree Panel Connector Hardware	17.19	
12 59 13 00-0164	EA	Reconfigure 34" Four-Way 90 Degree Panel Connector Hardware	16.12	
12 59 13 00-0165	EA	Reconfigure 42" Four-Way 90 Degree Panel Connector Hardware	18.87	
12 59 13 00-0166	EA	Reconfigure 62" Four-Way 90 Degree Panel Connector Hardware	22.69	
12 59 13 00-0167	EA	Reconfigure 34" Panel End Cap Hardware	2.75	
12 59 13 00-0168	EA	Reconfigure 42" Panel End Cap Hardware	3.10	
12 59 13 00-0169	EA	Reconfigure 62" Panel End Cap Hardware	3.34	
12 59 13 00-0170	EA	Reconfigure Variable Height Panel End Filler	3.03	
12 59 13 00-0171	EA	Reconfigure Two-Way Trim Cover For Cable Management Raceway	1.56	
12 59 13 00-0172	EA	Reconfigure Three-Way Trim Cover For Cable Management Raceway	1.65	
12 59 13 00-0173	EA	Reconfigure Four-Way Trim Cover For Cable Management Raceway	1.91	
12 59 13 00-0174	EA	Reconfigure Finished End Trim Cover For Cable Management Raceway	1.56	
12 59 13 00-0175	EA	Reconfigure 12" Cable Management Raceway Assembly	3.20	
12 59 13 00-0176	EA	Reconfigure 24" Cable Management Raceway Assembly	3.63	
12 59 13 00-0177	EA	Reconfigure 30" Cable Management Raceway Assembly	3.72	
12 59 13 00-0178	EA	Reconfigure 36" Cable Management Raceway Assembly	4.15	
12 59 13 00-0179	EA	Reconfigure 48" Cable Management Raceway Assembly	4.68	
12 59 13 00-0180	EA	Reconfigure 24" x 36" Radiused Edge Rectangular Hanging Work Surface	25.14	
12 59 13 00-0181	EA	Reconfigure 30" x 36" Radiused Edge Rectangular Hanging Work Surface	30.97	
12 59 13 00-0182	EA	Reconfigure 24" x 48" Radiused Edge Rectangular Hanging Work Surface	29.23	
12 59 13 00-0183	EA	Reconfigure 30" x 48" Radiused Edge Rectangular Hanging Work Surface	36.54	
12 59 13 00-0184	EA	Reconfigure 24" x 60" Radiused Edge Rectangular Hanging Work Surface	36.88	
12 59 13 00-0185	EA	Reconfigure 30" x 60" Radiused Edge Rectangular Hanging Work Surface	46.45	
12 59 13 00-0186	EA	Reconfigure 24" x 72" Radiused Edge Rectangular Hanging Work Surface	44.80	
12 59 13 00-0187	EA	Reconfigure 30" x 72" Radiused Edge Rectangular Hanging Work Surface	56.28	
12 59 13 00-0188	EA	Reconfigure 30" x 60" Radiused Edge Table	99.99	
12 59 13 00-0189	EA	Reconfigure 30" x 72" Radiused Edge Table	109.26	
12 59 13 00-0190	EA	Reconfigure 14" x 24" Radiused Edge Transaction Surface	12.00	
12 59 13 00-0191	EA	Reconfigure 14" x 36" Radiused Edge Transaction Surface	13.66	
12 59 13 00-0192	EA	Reconfigure 14" x 48" Radiused Edge Transaction Surface	15.31	
12 59 13 00-0193	EA	Reconfigure 14" x 60" Radiused Edge Transaction Surface	19.05	
12 59 13 00-0194	EA	Reconfigure 14" x 72" Radiused Edge Transaction Surface	22.88	
12 59 13 00-0195	EA	Reconfigure 14" Right Angle Corner Transaction Surface	40.02	
12 59 13 00-0196	EA	Reconfigure Transaction Surface Support	3.16	
12 59 13 00-0197	EA	Reconfigure 15-1/2" x 24" Hanging Shelf	11.69	
12 59 13 00-0198	EA	Reconfigure 15-1/2" x 36" Hanging Shelf	12.72	
12 59 13 00-0199	EA	Reconfigure 15-1/2" x 48" Hanging Shelf	13.59	
12 59 13 00-0200	EA	Reconfigure 24" Flipper Door And Shelf	20.17	
12 59 13 00-0201	EA	Reconfigure 36" Flipper Door And Shelf	23.54	
12 59 13 00-0202	EA	Reconfigure 48" Flipper Door And Shelf	27.00	
12 59 13 00-0203	EA	Reconfigure 24" Suspended Lateral File	69.16	
12 59 13 00-0204	EA	Reconfigure 30" Suspended Lateral File	73.05	
12 59 13 00-0205	EA	Reconfigure 36" Suspended Lateral File	77.08	
12 59 13 00-0206	EA	Reconfigure 48" Suspended Lateral File	84.31	
12 59 13 00-0207	EA	Reconfigure 24" x 36" Radiused Edge Corner Work Surface	39.81	

12 59 16 Free-Standing Component System Furniture *(12 59)*

12 59 16 00-0001 Furniture, Office Systems *(12 59 16)*

12 59 16 00-0002	EA	Desk Top, 24" Deep x 48" Wide	767.69	
12 59 16 00-0003	EA	Desk Top, 30" Deep x 48" Wide	968.66	
12 59 16 00-0004	EA	Desk Top, 30" Deep x 60" Wide	1,085.95	
12 59 16 00-0005	EA	Desk Top, 30" Deep x 72" Wide	1,162.69	
12 59 16 00-0006	EA	File, Mobile, 2-Drawer, 22" Deep	1,020.38	
12 59 16 00-0007	EA	File, Suspended, 2-Drawer, 22" Deep	856.97	
12 59 16 00-0008	EA	File, Undercounter, 2-Drawer, 22" Deep	978.62	
12 59 16 00-0009	EA	File, Undercounter, 2 Box, 1 File, 22" Deep	1,034.24	
12 59 16 00-0010	EA	Keyboard Platform With Articulating Arm	569.22	
12 59 16 00-0011	EA	End Support Leg	394.25	
12 59 16 00-0012	EA	Modesty Panel, 48" Wide	174.26	
12 59 16 00-0013	EA	Modesty Panel, Return	189.73	
12 59 16 00-0014	EA	Pencil/Utility Drawer	305.28	
12 59 16 00-0015	EA	Privacy Screen, 48" Wide x 17-20" High	507.32	
12 59 16 00-0016	EA	Privacy Screen, 72" Wide x 17-20" High	706.48	
12 59 16 00-0017	EA	Printer Stand, 30" Deep x 36" Wide	1,070.94	
12 59 16 00-0018	EA	Printer Stand, Universal	1,431.33	
12 59 16 00-0019	EA	Paper Basket	126.83	
12 59 16 00-0020	EA	Storage Unit With Doors, 60" Wide	1,674.77	
12 59 16 00-0021	EA	Storage Unit With Doors, 72" Wide	2,000.07	
12 59 16 00-0022	EA	Table, Peninsula, 30" x 72"	1,122.11	
12 59 16 00-0023	EA	Return Table, 24" x 48"	839.26	
12 59 16 00-0024	EA	Round Conference Return, 42" Diameter	948.62	
12 59 16 00-0025	EA	Work Surface, 24" Deep x 48" Wide	585.08	
12 59 16 00-0026	EA	Work Surface, 30" Deep x 30" Wide	553.71	
12 59 16 00-0027	EA	Work Surface, 30" Deep x 60" Wide	772.22	
12 59 16 00-0028	EA	Work Surface, 30" Deep x 72" Wide	809.24	
12 59 16 00-0029	EA	Corner Bridge, 30" x 42"	861.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0030	EA	Peninsula, 30" x 60"	1,212.72	
12 59 16 00-0031	EA	Connector Plate	31.67	
12 59 16 00-0032		**Steelcase Systems Furniture** *(12 59 16)*		
12 59 16 00-0033	EA	Standard Workstation, Type 1, Components Only (Steelcase TYP 1 COMP LH/RH) Note: Labor cost is for installation of complete workstation including components, wall panels, power kit, furniture, etc.	7,481.05	
12 59 16 00-0034	EA	Standard Workstation, Type 2, Components Only (Steelcase TYP 2 COMP LH/RH) Note: Labor cost is for installation of complete workstation including components, wall panels, power kit, furniture, etc.	6,299.06	
12 59 16 00-0035	EA	Standard Workstation, Type 3, Components Only (Steelcase TYP 3 COMP LH/RH) Note: Labor cost is for installation of complete workstation including components, wall panels, power kit, furniture, etc.	5,900.59	
12 59 16 00-0036	EA	Standard Workstation, Type 4, Components Only (Steelcase TYP 4 COMP LH/RH) Note: Labor cost is for installation of complete workstation including components, wall panels, power kit, furniture, etc.	4,679.19	
12 59 16 00-0037	EA	Private Office, Type 1, Components Only (Steelcase PO-1 COMP LH/RH) Note: Labor cost is for installation of complete workstation including components, wall panels, power kit, furniture, etc.	25,312.95	
12 59 16 00-0038	EA	Private Office, Type 2, Components Only (Steelcase PO-2 COMP LH/RH) Note: Labor cost is for installation of complete workstation including components, wall panels, power kit, furniture, etc.	18,275.18	
12 59 16 00-0039	EA	Fabric/Steel Panel, 24" (Steelcase PFS-24) Note: Task to be used in conjunction with standard workstation types.	515.15	
12 59 16 00-0040	EA	Fabric/Steel Panel, 30" (Steelcase PFS-30) Note: Task to be used in conjunction with standard workstation types.	551.99	
12 59 16 00-0041	EA	Fabric/Steel Panel, 36" (Steelcase PFS-36) Note: Task to be used in conjunction with standard workstation types.	585.73	
12 59 16 00-0042	EA	Fabric/Steel Panel, 42" (Steelcase PFS-42) Note: Task to be used in conjunction with standard workstation types.	625.04	
12 59 16 00-0043	EA	Fabric/Steel Panel, 48" (Steelcase PFS-48) Note: Task to be used in conjunction with standard workstation types.	663.71	
12 59 16 00-0044	EA	Fabric/Steel Panel, 60" (Steelcase PFS-60) Note: Task to be used in conjunction with standard workstation types.	765.65	
12 59 16 00-0045	EA	Fabric/Steel Panel, 72" (Steelcase PFS-72) Note: Task to be used in conjunction with standard workstation types.	871.24	
12 59 16 00-0046	EA	Fabric/Fabric Panel, 24" (Steelcase PFF-24) Note: Task to be used in conjunction with standard workstation types.	507.78	
12 59 16 00-0047	EA	Fabric/Fabric Panel, 30" (Steelcase PFF-30) Note: Task to be used in conjunction with standard workstation types.	542.77	
12 59 16 00-0048	EA	Fabric/Fabric Panel, 36" (Steelcase PFF-36) Note: Task to be used in conjunction with standard workstation types.	576.53	
12 59 16 00-0049	EA	Fabric/Fabric Panel, 42" (Steelcase PFF-42) Note: Task to be used in conjunction with standard workstation types.	616.44	
12 59 16 00-0050	EA	Fabric/Fabric Panel, 48" (Steelcase PFF-48) Note: Task to be used in conjunction with standard workstation types.	655.71	
12 59 16 00-0051	EA	Fabric/Fabric Panel, 60" (Steelcase PFF-60) Note: Task to be used in conjunction with standard workstation types.	756.44	
12 59 16 00-0052	EA	Fabric/Fabric Panel, 72" (Steelcase PFF-72) Note: Task to be used in conjunction with standard workstation types.	863.87	
12 59 16 00-0053	EA	Touchdown Host Desk (Steelcase TD)	2,329.89	
12 59 16 00-0054	EA	Power Kit, 24" - 48" (Steelcase PK-24, 30, 36, 42 or 48) Note: Task to be used in conjunction with standard workstation types.	110.52	
12 59 16 00-0055	EA	Power Kit, 60" - 72" (Steelcase PK-60 or 72) Note: Task to be used in conjunction with standard workstation types.	167.62	
12 59 16 00-0056	EA	Receptacle (Steelcase RECPT) Note: Task to be used in conjunction with standard workstation types.	22.11	
12 59 16 00-0057	EA	Base Power, 6' (Steelcase BPI-6) Note: Task to be used in conjunction with standard workstation types.	138.77	
12 59 16 00-0058	EA	Base Power, 12' (Steelcase BPI-12) Note: Task to be used in conjunction with standard workstation types.	148.58	
12 59 16 00-0059	EA	End Trim, 54" (Steelcase E54) Note: Task to be used in conjunction with standard workstation types.	159.02	
12 59 16 00-0060	EA	In Line Trim, 54" (Steelcase I54) Note: Task to be used in conjunction with standard workstation types.	109.29	
12 59 16 00-0061	EA	L Junction, 54" (Steelcase L54) Note: Task to be used in conjunction with standard workstation types.	273.82	
12 59 16 00-0062	EA	T Junction (Steelcase T54) Note: Task to be used in conjunction with standard workstation types.	273.88	
12 59 16 00-0063	EA	X Junction (Steelcase X54) Note: Task to be used in conjunction with standard workstation types.	260.33	
12 59 16 00-0064	EA	Junction Cap Aligner (Steelcase JC) Note: Task to be used in conjunction with standard workstation types.	42.98	
12 59 16 00-0065	EA	Junction Block, 90 Degree Corner (3) (Steelcase J90) Note: Task to be used in conjunction with standard workstation types.	18.41	
12 59 16 00-0066	EA	Light Seal, 54" (Steelcase LS54) Note: Task to be used in conjunction with standard workstation types.	12.28	
12 59 16 00-0067	EA	Think Chair, Arms and Casters - Task Chair (Steelcase 46543100)	903.66	
12 59 16 00-0068	EA	Think Chair, No Arms, Casters - Conference Chair (Steelcase 46543000)	743.03	
12 59 16 00-0069	EA	Move Chair, No Arms, No Casters (Glides) (Steelcase 490410P)	174.06	
12 59 16 00-0070	EA	Move Chair, Arms, No Casters (Steelcase 490410CP)	211.65	
12 59 16 00-0071	EA	Move Chair, No Arms, Casters (Steelcase 490410C)	299.11	
12 59 16 00-0072	EA	Training Table, 60" x 20" (Akira AK6020RTC)	1,019.78	

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	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0073		EA	Conference Table, 30" x 59.75" (Steelcase BFS3060)	586.36	
12 59 16 00-0074		EA	Conference Table, 30" x 47.75" (Steelcase BFS3048)	553.21	
12 59 16 00-0075		EA	Round Conference Table, 36" Diameter With Base (Steelcase BFR36)	422.42	
12 59 16 00-0076		EA	Round Conference Table, 42" Diameter With Base (Steelcase BFR42)	499.78	
12 59 16 00-0077		EA	Round Conference Table, 48" Diameter With Base (Steelcase BFR48)	524.96	
12 59 16 00-0078		EA	Rectangle Conference Table, 36" x 72" (Steelcase BFRR3672)	718.38	
12 59 16 00-0079		EA	Rectangle Conference Table, 42" x 84" (Steelcase BFRR4284)	982.34	
12 59 16 00-0080		EA	Task Light (Steelcase DSLEDF)	262.39	
12 59 16 00-0081		EA	Markerboard, 48" x 48" (Claridge S14x4LCS)	406.65	
12 59 16 00-0082		EA	Lateral File, 3 Drawer - 36" W (Steelcase RLF18363P)	961.91	
12 59 16 00-0083		EA	Tower, Open Side Shelf (Steelcase TS2TWS54RC)	1,384.21	
12 59 16 00-0084		EA	Tower, Closed Side (Steelcase TS2TW66LC)	1,217.28	
12 59 16 00-0085		EA	Pedestal File - Mobile (Steelcase RPM2421CP)	779.76	
12 59 16 00-0086		EA	Wardrobe, Fixed Shelf, Coat Rod (Steelcase RWC24306DP)	1,006.55	

12 59 16 00-0087 Herman Miller Systems Furniture *(12 59 16)*

12 59 16 00-0088 Herman Miller Action Office Series 2 Systems Furniture *(12 59 16 00-0087)*

12 59 16 00-0089		EA	32H 24W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	380.12	24.62
			For Owner Furnished Material, Deduct	*-318.62*	
			For Category 2 Fabric Both Sides, Add	*10.18*	
			For Nonpowered Panel, Deduct	*-101.74*	
12 59 16 00-0090		EA	32H 30W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	403.51	25.78
			For Owner Furnished Material, Deduct	*-338.97*	
			For Category 2 Fabric Both Sides, Add	*10.18*	
			For Nonpowered Panel, Deduct	*-101.74*	
12 59 16 00-0091		EA	32H 36W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	436.62	27.13
			For Owner Furnished Material, Deduct	*-368.86*	
			For Category 2 Fabric Both Sides, Add	*10.18*	
			For Nonpowered Panel, Deduct	*-101.74*	
12 59 16 00-0092		EA	32H 48W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	469.28	28.46
			For Owner Furnished Material, Deduct	*-398.12*	
			For Category 2 Fabric Both Sides, Add	*10.18*	
			For Nonpowered Panel, Deduct	*-101.74*	
12 59 16 00-0093		EA	39H 24W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	391.43	25.78
			For Owner Furnished Material, Deduct	*-326.89*	
			For Category 2 Fabric Both Sides, Add	*13.99*	
			For Nonpowered Panel, Deduct	*-101.74*	
			For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0094		EA	39H 30W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	416.27	27.13
			For Owner Furnished Material, Deduct	*-348.51*	
			For Category 2 Fabric Both Sides, Add	*13.99*	
			For Nonpowered Panel, Deduct	*-101.74*	
			For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0095		EA	39H 36W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	450.20	28.46
			For Owner Furnished Material, Deduct	*-379.04*	
			For Category 2 Fabric Both Sides, Add	*13.99*	
			For Nonpowered Panel, Deduct	*-101.74*	
			For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0096		EA	39H 48W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	484.94	29.89
			For Owner Furnished Material, Deduct	*-410.20*	
			For Category 2 Fabric Both Sides, Add	*13.99*	
			For Nonpowered Panel, Deduct	*-101.74*	
			For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0097		EA	47H 24W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	408.00	27.13
			For Owner Furnished Material, Deduct	*-340.24*	
			For Category 2 Fabric Both Sides, Add	*13.99*	
			For Nonpowered Panel, Deduct	*-101.74*	
			For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0098		EA	47H 30W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	439.39	28.46
			For Owner Furnished Material, Deduct	*-368.23*	
			For Category 2 Fabric Both Sides, Add	*13.99*	
			For Nonpowered Panel, Deduct	*-101.74*	
			For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0099		EA	47H 36W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	481.76	29.89
			For Owner Furnished Material, Deduct	*-407.02*	
			For Category 2 Fabric Both Sides, Add	*13.99*	
			For Nonpowered Panel, Deduct	*-101.74*	
			For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0100		EA	47H 48W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	528.13	31.42
			For Owner Furnished Material, Deduct	*-449.63*	
			For Category 2 Fabric Both Sides, Add	*13.99*	
			For Nonpowered Panel, Deduct	*-101.74*	
			For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0101		EA	62H 12W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	399.20	24.62
			For Owner Furnished Material, Deduct	*-337.70*	
			For Category 2 Fabric Both Sides, Add	*16.54*	
			For Nonpowered Panel, Deduct	*-101.74*	
			For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0102		EA	62H 24W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	450.20	28.46
			For Owner Furnished Material, Deduct	*-379.04*	
			For Category 2 Fabric Both Sides, Add	*16.54*	
			For Nonpowered Panel, Deduct	*-101.74*	
			For Tackable Acoustical-Barrier Panel, Add	*63.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0103	EA	62H 36W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	544.03	31.42
		For Owner Furnished Material, Deduct	*-465.53*	
		For Category 2 Fabric Both Sides, Add	*16.54*	
		For Nonpowered Panel, Deduct	*-101.74*	
		For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0104	EA	62H 48W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	598.21	32.94
		For Owner Furnished Material, Deduct	*-515.77*	
		For Category 2 Fabric Both Sides, Add	*16.54*	
		For Nonpowered Panel, Deduct	*-101.74*	
		For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0105	EA	67H 12W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	407.96	25.78
		For Owner Furnished Material, Deduct	*-343.42*	
		For Category 2 Fabric Both Sides, Add	*16.54*	
		For Nonpowered Panel, Deduct	*-101.74*	
		For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0106	EA	67H 24W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	459.50	29.89
		For Owner Furnished Material, Deduct	*-384.76*	
		For Category 2 Fabric Both Sides, Add	*16.54*	
		For Nonpowered Panel, Deduct	*-101.74*	
		For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0107	EA	67H 36W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	551.79	32.94
		For Owner Furnished Material, Deduct	*-469.35*	
		For Category 2 Fabric Both Sides, Add	*16.54*	
		For Nonpowered Panel, Deduct	*-101.74*	
		For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0108	EA	67H 48W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	606.14	34.64
		For Owner Furnished Material, Deduct	*-519.59*	
		For Category 2 Fabric Both Sides, Add	*16.54*	
		For Nonpowered Panel, Deduct	*-101.74*	
		For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0109	EA	85H 12W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	445.53	27.13
		For Owner Furnished Material, Deduct	*-377.77*	
		For Category 2 Fabric Both Sides, Add	*16.54*	
		For Nonpowered Panel, Deduct	*-101.74*	
		For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0110	EA	85H 24W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	515.41	31.42
		For Owner Furnished Material, Deduct	*-436.91*	
		For Category 2 Fabric Both Sides, Add	*16.54*	
		For Nonpowered Panel, Deduct	*-101.74*	
		For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0111	EA	85H 36W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	618.22	34.64
		For Owner Furnished Material, Deduct	*-531.67*	
		For Category 2 Fabric Both Sides, Add	*16.54*	
		For Nonpowered Panel, Deduct	*-101.74*	
		For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0112	EA	85H 48W Panel, Category 1 Fabric Both Sides, Type L Power, Herman Miller AO Series 2	677.85	36.34
		For Owner Furnished Material, Deduct	*-587.00*	
		For Category 2 Fabric Both Sides, Add	*16.54*	
		For Nonpowered Panel, Deduct	*-101.74*	
		For Tackable Acoustical-Barrier Panel, Add	*63.92*	
12 59 16 00-0113	EA	32" Two-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	74.99	6.09
		For Owner Furnished Material, Deduct	*-59.78*	
12 59 16 00-0114	EA	39" Two-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	78.25	6.71
		For Owner Furnished Material, Deduct	*-61.69*	
12 59 16 00-0115	EA	47" Two-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	86.58	7.17
		For Owner Furnished Material, Deduct	*-68.68*	
12 59 16 00-0116	EA	62" Two-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	98.18	8.24
		For Owner Furnished Material, Deduct	*-77.59*	
12 59 16 00-0117	EA	67" Two-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	100.79	8.77
		For Owner Furnished Material, Deduct	*-78.86*	
12 59 16 00-0118	EA	85" Two-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	112.94	9.31
		For Owner Furnished Material, Deduct	*-89.67*	
12 59 16 00-0119	EA	32" Three-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	132.06	9.57
		For Owner Furnished Material, Deduct	*-108.11*	
12 59 16 00-0120	EA	39" Three-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	138.44	10.39
		For Owner Furnished Material, Deduct	*-112.57*	
12 59 16 00-0121	EA	47" Three-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	147.95	11.10
		For Owner Furnished Material, Deduct	*-120.20*	
12 59 16 00-0122	EA	62" Three-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	170.86	12.89
		For Owner Furnished Material, Deduct	*-138.64*	
12 59 16 00-0123	EA	67" Three-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	174.91	13.96
		For Owner Furnished Material, Deduct	*-139.91*	
12 59 16 00-0124	EA	85" Three-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	197.84	15.76
		For Owner Furnished Material, Deduct	*-158.36*	
12 59 16 00-0125	EA	32" Four-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	165.72	12.08
		For Owner Furnished Material, Deduct	*-135.46*	
12 59 16 00-0126	EA	39" Four-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	173.40	13.16
		For Owner Furnished Material, Deduct	*-140.55*	
12 59 16 00-0127	EA	47" Four-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	186.07	14.14
		For Owner Furnished Material, Deduct	*-150.72*	
12 59 16 00-0128	EA	62" Four-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	221.86	17.01
		For Owner Furnished Material, Deduct	*-179.34*	
12 59 16 00-0129	EA	67" Four-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	225.73	18.08
		For Owner Furnished Material, Deduct	*-180.62*	
12 59 16 00-0130	EA	85" Four-Way 90 Connector, Hard Surface, Herman Miller AO Series 2	253.87	20.94
		For Owner Furnished Material, Deduct	*-201.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0131	EA	32" Finished End, Hard Surface, Herman Miller AO Series 2	31.26	2.06
		For Owner Furnished Material, Deduct	*-26.07*	
12 59 16 00-0132	EA	39" Finished End, Hard Surface, Herman Miller AO Series 2	32.90	2.24
		For Owner Furnished Material, Deduct	*-27.35*	
12 59 16 00-0133	EA	47" Finished End, Hard Surface, Herman Miller AO Series 2	35.07	2.33
		For Owner Furnished Material, Deduct	*-29.25*	
12 59 16 00-0134	EA	62" Finished End, Hard Surface, Herman Miller AO Series 2	36.80	2.51
		For Owner Furnished Material, Deduct	*-30.53*	
12 59 16 00-0135	EA	67" Finished End, Hard Surface, Herman Miller AO Series 2	37.15	2.69
		For Owner Furnished Material, Deduct	*-30.53*	
12 59 16 00-0136	EA	85" Finished End, Hard Surface, Herman Miller AO Series 2	40.14	2.86
		For Owner Furnished Material, Deduct	*-33.07*	
12 59 16 00-0137	EA	Change Of Height Draw Rod, Herman Miller AO Series 2	18.40	2.33
		For Owner Furnished Material, Deduct	*-12.72*	
12 59 16 00-0138	EA	Cable/Energy Barrier (Connector), Herman Miller AO Series 2	44.26	1.16
		For Owner Furnished Material, Deduct	*-41.34*	

12 59 16 00-0139 Accessories For Herman Miller Action Office Series Systems Furniture *(12 59 16 00-0087)*

12 59 16 00-0140	EA	27" Draw Rod, Herman Miller Action Office	14.49	1.21
		For Owner Furnished Material, Deduct	*-11.45*	
12 59 16 00-0141	EA	34" Draw Rod, Herman Miller Action Office	15.30	1.28
		For Owner Furnished Material, Deduct	*-12.08*	
12 59 16 00-0142	EA	42" Draw Rod, Herman Miller Action Office	15.48	1.36
		For Owner Furnished Material, Deduct	*-12.08*	
12 59 16 00-0143	EA	48" Draw Rod, Herman Miller Action Office	16.30	1.43
		For Owner Furnished Material, Deduct	*-12.72*	
12 59 16 00-0144	EA	57" Draw Rod, Herman Miller Action Office	16.48	1.51
		For Owner Furnished Material, Deduct	*-12.72*	
12 59 16 00-0145	EA	62" Draw Rod, Herman Miller Action Office	16.65	1.58
		For Owner Furnished Material, Deduct	*-12.72*	
12 59 16 00-0146	EA	80" Draw Rod, Herman Miller Action Office	18.10	1.65
		For Owner Furnished Material, Deduct	*-13.99*	
12 59 16 00-0147	EA	24" x 36" Hanging Work Surface, Laminate, Herman Miller Action Office	180.69	18.80
		For Owner Furnished Material, Deduct	*-133.55*	
12 59 16 00-0148	EA	24" x 48" Hanging Work Surface, Laminate, Herman Miller Action Office	243.68	21.93
		For Owner Furnished Material, Deduct	*-188.88*	
12 59 16 00-0149	EA	24" x 60" Hanging Work Surface, Laminate, Herman Miller Action Office	311.45	27.66
		For Owner Furnished Material, Deduct	*-242.30*	
12 59 16 00-0150	EA	24" x 72" Hanging Work Surface, Laminate, Herman Miller Action Office	381.00	33.57
		For Owner Furnished Material, Deduct	*-297.00*	
12 59 16 00-0151	EA	30" x 36" Hanging Work Surface, Laminate, Herman Miller Action Office	259.66	23.18
		For Owner Furnished Material, Deduct	*-201.60*	
12 59 16 00-0152	EA	30" x 48" Hanging Work Surface, Laminate, Herman Miller Action Office	308.28	27.39
		For Owner Furnished Material, Deduct	*-239.76*	
12 59 16 00-0153	EA	30" x 60" Hanging Work Surface, Laminate, Herman Miller Action Office	395.56	34.91
		For Owner Furnished Material, Deduct	*-308.45*	
12 59 16 00-0154	EA	30" x 72" Hanging Work Surface, Laminate, Herman Miller Action Office	482.63	42.16
		For Owner Furnished Material, Deduct	*-377.13*	
12 59 16 00-0155	EA	24" x 36" Corner Work Surface, Laminate, Herman Miller Action Office	336.02	29.89
		For Owner Furnished Material, Deduct	*-261.38*	
12 59 16 00-0156	EA	30" x 60" Round End Peninsula, Laminate, Herman Miller Action Office	613.25	65.16
		For Owner Furnished Material, Deduct	*-450.27*	
12 59 16 00-0157	EA	30" x 72" Round End Peninsula, Laminate, Herman Miller Action Office	656.92	71.16
		For Owner Furnished Material, Deduct	*-478.89*	
12 59 16 00-0158	EA	14" x 24" Transaction Surface, Laminate, Herman Miller Action Office	99.46	9.04
		For Owner Furnished Material, Deduct	*-76.95*	
12 59 16 00-0159	EA	14" x 36" Transaction Surface, Laminate, Herman Miller Action Office	114.65	10.21
		For Owner Furnished Material, Deduct	*-89.04*	
12 59 16 00-0160	EA	14" x 48" Transaction Surface, Laminate, Herman Miller Action Office	129.19	11.46
		For Owner Furnished Material, Deduct	*-100.48*	
12 59 16 00-0161	EA	14" x 60" Transaction Surface, Laminate, Herman Miller Action Office	161.64	14.32
		For Owner Furnished Material, Deduct	*-125.92*	
12 59 16 00-0162	EA	14" x 72" Transaction Surface, Laminate, Herman Miller Action Office	194.89	17.19
		For Owner Furnished Material, Deduct	*-152.00*	
12 59 16 00-0163	EA	Right Angle Corner Transaction Surface, Laminate, Herman Miller Action Office	183.15	29.99
		For Owner Furnished Material, Deduct	*-108.11*	
12 59 16 00-0164	EA	Pencil Drawer, Herman Miller Action Office	30.65	2.33
		For Owner Furnished Material, Deduct	*-24.80*	
12 59 16 00-0165	EA	12" x 24" Shelf, Herman Miller Action Office	110.96	8.77
		For Owner Furnished Material, Deduct	*-89.04*	
12 59 16 00-0166	EA	12" x 36" Shelf, Herman Miller Action Office	121.80	9.48
		For Owner Furnished Material, Deduct	*-97.94*	
12 59 16 00-0167	EA	12" x 48" Shelf, Herman Miller Action Office	130.42	10.21
		For Owner Furnished Material, Deduct	*-104.94*	
12 59 16 00-0168	EA	12" x 24" Flipper Door, Herman Miller Action Office	179.64	15.12
		For Owner Furnished Material, Deduct	*-141.82*	
12 59 16 00-0169	EA	12" x 36" Flipper Door, Herman Miller Action Office	212.05	17.72
		For Owner Furnished Material, Deduct	*-167.90*	
12 59 16 00-0170	EA	12" x 48" Flipper Door, Herman Miller Action Office	245.88	20.23
		For Owner Furnished Material, Deduct	*-195.24*	
12 59 16 00-0171	EA	24" Task Light, Herman Miller Action Office	188.78	10.39
		For Owner Furnished Material, Deduct	*-162.81*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0172	EA	36" Task Light, Herman Miller Action Office	199.59	10.39
		For Owner Furnished Material, Deduct	*-173.62*	
12 59 16 00-0173	EA	48" Task Light, Herman Miller Action Office	211.04	10.39
		For Owner Furnished Material, Deduct	*-185.07*	

12 59 16 00-0174 Disassemble And Store *(12 59 16 00-0087)*

12 59 16 00-0175	EA	Disassemble And Store 32H 24W Panel	30.79
12 59 16 00-0176	EA	Disassemble And Store 32H 30W Panel	32.31
12 59 16 00-0177	EA	Disassemble And Store 32H 36W Panel	33.93
12 59 16 00-0178	EA	Disassemble And Store 32H 48W Panel	35.63
12 59 16 00-0179	EA	Disassemble And Store 39H 24W Panel	32.31
12 59 16 00-0180	EA	Disassemble And Store 39H 30W Panel	33.93
12 59 16 00-0181	EA	Disassemble And Store 39H 36W Panel	35.63
12 59 16 00-0182	EA	Disassemble And Store 39H 48W Panel	37.41
12 59 16 00-0183	EA	Disassemble And Store 47H 24W Panel	33.93
12 59 16 00-0184	EA	Disassemble And Store 47H 30W Panel	35.63
12 59 16 00-0185	EA	Disassemble And Store 47H 36W Panel	37.41
12 59 16 00-0186	EA	Disassemble And Store 47H 48W Panel	39.30
12 59 16 00-0187	EA	Disassemble And Store 62H 12W Panel	30.79
12 59 16 00-0188	EA	Disassemble And Store 62H 24W Panel	35.63
12 59 16 00-0189	EA	Disassemble And Store 62H 36W Panel	39.30
12 59 16 00-0190	EA	Disassemble And Store 62H 48W Panel	41.26
12 59 16 00-0191	EA	Disassemble And Store 67H 12W Panel	32.31
12 59 16 00-0192	EA	Disassemble And Store 67H 24W Panel	37.41
12 59 16 00-0193	EA	Disassemble And Store 67H 36W Panel	41.26
12 59 16 00-0194	EA	Disassemble And Store 67H 48W Panel	43.32
12 59 16 00-0195	EA	Disassemble And Store 67H 12W Panel	33.93
12 59 16 00-0196	EA	Disassemble And Store 85H 24W Panel	39.30
12 59 16 00-0197	EA	Disassemble And Store 85H 36W Panel	43.32
12 59 16 00-0198	EA	Disassemble And Store 85H 48W Panel	45.47
12 59 16 00-0199	EA	Disassemble And Store 32" Two-Way 90 Connector	7.61
12 59 16 00-0200	EA	Disassemble And Store 39" Two-Way 90 Connector	8.33
12 59 16 00-0201	EA	Disassemble And Store 47" Two-Way 90 Connector	8.95
12 59 16 00-0202	EA	Disassemble And Store 62" Two-Way 90 Connector	10.30
12 59 16 00-0203	EA	Disassemble And Store 67" Two-Way 90 Connector	11.01
12 59 16 00-0204	EA	Disassemble And Store 85" Two-Way 90 Connector	11.64
12 59 16 00-0205	EA	Disassemble And Store 32" Three-Way 90 Connector	11.99
12 59 16 00-0206	EA	Disassemble And Store 39" Three-Way 90 Connector	12.98
12 59 16 00-0207	EA	Disassemble And Store 47" Three-Way 90 Connector	13.88
12 59 16 00-0208	EA	Disassemble And Store 62" Three-Way 90 Connector	16.12
12 59 16 00-0209	EA	Disassemble And Store 67" Three-Way 90 Connector	17.54
12 59 16 00-0210	EA	Disassemble And Store 85" Three-Way 90 Connector	19.78
12 59 16 00-0211	EA	Disassemble And Store 32" Four-Way 90 Connector	15.12
12 59 16 00-0212	EA	Disassemble And Store 39" Four-Way 90 Connector	16.47
12 59 16 00-0213	EA	Disassemble And Store 47" Four-Way 90 Connector	17.72
12 59 16 00-0214	EA	Disassemble And Store 62" Four-Way 90 Connector	21.30
12 59 16 00-0215	EA	Disassemble And Store 67" Four-Way 90 Connector	22.56
12 59 16 00-0216	EA	Disassemble And Store 85" Four-Way 90 Connector	26.14
12 59 16 00-0217	EA	Disassemble And Store 32" Finished End	2.60
12 59 16 00-0218	EA	Disassemble And Store 39" Finished End	2.78
12 59 16 00-0219	EA	Disassemble And Store 47" Finished End	2.95
12 59 16 00-0220	EA	Disassemble And Store 62" Finished End	3.13
12 59 16 00-0221	EA	Disassemble And Store 67" Finished End	3.31
12 59 16 00-0222	EA	Disassemble And Store 85" Finished End	3.58
12 59 16 00-0223	EA	Disassemble And Store Change Of Height Draw Rod	2.84
12 59 16 00-0224	EA	Disassemble And Store Cable/Energy Barrier (Connector)	1.47
12 59 16 00-0225	EA	Disassemble And Store 27" Draw Rod	1.53
12 59 16 00-0226	EA	Disassemble And Store 34" Draw Rod	1.69
12 59 16 00-0227	EA	Disassemble And Store 42" Draw Rod	1.70
12 59 16 00-0228	EA	Disassemble And Store 48" Draw Rod	1.79
12 59 16 00-0229	EA	Disassemble And Store 57" Draw Rod	1.88
12 59 16 00-0230	EA	Disassemble And Store 62" Draw Rod	1.97
12 59 16 00-0231	EA	Disassemble And Store 80" Draw Rod	2.06
12 59 16 00-0232	EA	Disassemble And Store 24" x 36" Hanging Work Surface	23.58
12 59 16 00-0233	EA	Disassemble And Store 24" x 48" Hanging Work Surface	27.42
12 59 16 00-0234	EA	Disassemble And Store 24" x 60" Hanging Work Surface	34.60
12 59 16 00-0235	EA	Disassemble And Store 24" x 72" Hanging Work Surface	42.02
12 59 16 00-0236	EA	Disassemble And Store 30" x 36" Hanging Work Surface	29.04
12 59 16 00-0237	EA	Disassemble And Store 30" x 48" Hanging Work Surface	34.27
12 59 16 00-0238	EA	Disassemble And Store 30" x 60" Hanging Work Surface	43.57
12 59 16 00-0239	EA	Disassemble And Store 30" x 72" Hanging Work Surface	52.80
12 59 16 00-0240	EA	Disassemble And Store 24" x 36" Corner Work Surface	37.34
12 59 16 00-0241	EA	Disassemble And Store 30" x 60" Round End Peninsula	81.53
12 59 16 00-0242	EA	Disassemble And Store 30" x 72" Round End Peninsula	89.07
12 59 16 00-0243	EA	Disassemble And Store 14" x 24" Transaction Surface	11.26
12 59 16 00-0244	EA	Disassemble And Store 14" x 36" Transaction Surface	12.80
12 59 16 00-0245	EA	Disassemble And Store 14" x 48" Transaction Surface	14.36
12 59 16 00-0246	EA	Disassemble And Store 14" x 60" Transaction Surface	17.86
12 59 16 00-0247	EA	Disassemble And Store 14" x 72" Transaction Surface	21.46
12 59 16 00-0248	EA	Disassemble And Store Right Angle Corner Transaction Surface	37.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0249	EA	Disassemble And Store Pencil Drawer	2.92	
12 59 16 00-0250	EA	Disassemble And Store 24" Shelf	10.96	
12 59 16 00-0251	EA	Disassemble And Store 36" Shelf	11.93	
12 59 16 00-0252	EA	Disassemble And Store 48" Shelf	12.74	
12 59 16 00-0253	EA	Disassemble And Store 24" Flipper Door	18.92	
12 59 16 00-0254	EA	Disassemble And Store 36" Flipper Door	22.09	
12 59 16 00-0255	EA	Disassemble And Store 48" Flipper Door	25.33	
12 59 16 00-0256	EA	Disassemble And Store Task Light, Herman Miller Action Office	13.00	
12 59 16 00-0257		Reconfigure *(12 59 16 00-0087)*		
12 59 16 00-0258	EA	Reconfigure 32H 24W Panel	40.21	
12 59 16 00-0259	EA	Reconfigure 32H 30W Panel	42.31	
12 59 16 00-0260	EA	Reconfigure 32H 36W Panel	44.62	
12 59 16 00-0261	EA	Reconfigure 32H 48W Panel	47.08	
12 59 16 00-0262	EA	Reconfigure 39H 24W Panel	42.07	
12 59 16 00-0263	EA	Reconfigure 39H 30W Panel	44.21	
12 59 16 00-0264	EA	Reconfigure 39H 36W Panel	46.70	
12 59 16 00-0265	EA	Reconfigure 39H 48W Panel	49.28	
12 59 16 00-0266	EA	Reconfigure 47H 24W Panel	44.04	
12 59 16 00-0267	EA	Reconfigure 47H 30W Panel	46.48	
12 59 16 00-0268	EA	Reconfigure 47H 36W Panel	49.22	
12 59 16 00-0269	EA	Reconfigure 47H 48W Panel	52.13	
12 59 16 00-0270	EA	Reconfigure 62H 12W Panel	40.59	
12 59 16 00-0271	EA	Reconfigure 62H 24W Panel	46.70	
12 59 16 00-0272	EA	Reconfigure 62H 36W Panel	52.45	
12 59 16 00-0273	EA	Reconfigure 62H 48W Panel	55.70	
12 59 16 00-0274	EA	Reconfigure 67H 12W Panel	42.40	
12 59 16 00-0275	EA	Reconfigure 67H 24W Panel	48.78	
12 59 16 00-0276	EA	Reconfigure 67H 36W Panel	54.77	
12 59 16 00-0277	EA	Reconfigure 67H 48W Panel	58.01	
12 59 16 00-0278	EA	Reconfigure 85H 12W Panel	44.80	
12 59 16 00-0279	EA	Reconfigure 85H 24W Panel	51.88	
12 59 16 00-0280	EA	Reconfigure 85H 36W Panel	58.25	
12 59 16 00-0281	EA	Reconfigure 85H 48W Panel	61.69	
12 59 16 00-0282	EA	Reconfigure 32" Two-Way 90 Connector	9.61	
12 59 16 00-0283	EA	Reconfigure 39" Two-Way 90 Connector	10.36	
12 59 16 00-0284	EA	Reconfigure 47" Two-Way 90 Connector	11.21	
12 59 16 00-0285	EA	Reconfigure 62" Two-Way 90 Connector	12.92	
12 59 16 00-0286	EA	Reconfigure 67" Two-Way 90 Connector	13.66	
12 59 16 00-0287	EA	Reconfigure 85" Two-Way 90 Connector	14.59	
12 59 16 00-0288	EA	Reconfigure 32" Three-Way 90 Connector	15.32	
12 59 16 00-0289	EA	Reconfigure 39" Three-Way 90 Connector	16.48	
12 59 16 00-0290	EA	Reconfigure 47" Three-Way 90 Connector	17.70	
12 59 16 00-0291	EA	Reconfigure 62" Three-Way 90 Connector	20.49	
12 59 16 00-0292	EA	Reconfigure 67" Three-Way 90 Connector	22.05	
12 59 16 00-0293	EA	Reconfigure 85" Three-Way 90 Connector	24.92	
12 59 16 00-0294	EA	Reconfigure 32" Four-Way 90 Connector	19.36	
12 59 16 00-0295	EA	Reconfigure 39" Four-Way 90 Connector	20.89	
12 59 16 00-0296	EA	Reconfigure 47" Four-Way 90 Connector	22.44	
12 59 16 00-0297	EA	Reconfigure 62" Four-Way 90 Connector	26.95	
12 59 16 00-0298	EA	Reconfigure 67" Four-Way 90 Connector	28.41	
12 59 16 00-0299	EA	Reconfigure 85" Four-Way 90 Connector	32.76	
12 59 16 00-0300	EA	Reconfigure 32" Finished End	3.38	
12 59 16 00-0301	EA	Reconfigure 39" Finished End	3.59	
12 59 16 00-0302	EA	Reconfigure 47" Finished End	3.81	
12 59 16 00-0303	EA	Reconfigure 62" Finished End	4.10	
12 59 16 00-0304	EA	Reconfigure 67" Finished End	4.28	
12 59 16 00-0305	EA	Reconfigure 85" Finished End	4.51	
12 59 16 00-0306	EA	Reconfigure Change Of Height Draw Rod	3.28	
12 59 16 00-0307	EA	Reconfigure Cable/Energy Barrier (Connector)	2.39	
12 59 16 00-0308	EA	Reconfigure 27" Draw Rod	1.91	
12 59 16 00-0309	EA	Reconfigure 34" Draw Rod	2.02	
12 59 16 00-0310	EA	Reconfigure 42" Draw Rod	2.11	
12 59 16 00-0311	EA	Reconfigure 48" Draw Rod	2.22	
12 59 16 00-0312	EA	Reconfigure 57" Draw Rod	2.32	
12 59 16 00-0313	EA	Reconfigure 62" Draw Rod	2.42	
12 59 16 00-0314	EA	Reconfigure 80" Draw Rod	2.55	
12 59 16 00-0315	EA	Reconfigure 24" x 36" Hanging Work Surface	27.81	
12 59 16 00-0316	EA	Reconfigure 24" x 48" Hanging Work Surface	33.01	
12 59 16 00-0317	EA	Reconfigure 24" x 60" Hanging Work Surface	41.73	
12 59 16 00-0318	EA	Reconfigure 24" x 72" Hanging Work Surface	50.74	
12 59 16 00-0319	EA	Reconfigure 30" x 36" Hanging Work Surface	35.00	
12 59 16 00-0320	EA	Reconfigure 30" x 48" Hanging Work Surface	41.34	
12 59 16 00-0321	EA	Reconfigure 30" x 60" Hanging Work Surface	52.62	
12 59 16 00-0322	EA	Reconfigure 30" x 72" Hanging Work Surface	63.82	
12 59 16 00-0323	EA	Reconfigure 24" x 36" Corner Work Surface	45.04	
12 59 16 00-0324	EA	Reconfigure 30" x 60" Round End Peninsula	95.92	
12 59 16 00-0325	EA	Reconfigure 30" x 72" Round End Peninsula	104.56	
12 59 16 00-0326	EA	Reconfigure 14" x 24" Transaction Surface	13.54	
12 59 16 00-0327	EA	Reconfigure 14" x 36" Transaction Surface	15.44	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0328	EA	Reconfigure 14" x 48" Transaction Surface	17.32	
12 59 16 00-0329	EA	Reconfigure 14" x 60" Transaction Surface	21.57	
12 59 16 00-0330	EA	Reconfigure 14" x 72" Transaction Surface	25.92	
12 59 16 00-0331	EA	Reconfigure Right Angle Corner Transaction Surface	42.18	
12 59 16 00-0332	EA	Reconfigure Pencil Drawer	3.62	
12 59 16 00-0333	EA	Reconfigure 24" Shelf	13.47	
12 59 16 00-0334	EA	Reconfigure 36" Shelf	14.68	
12 59 16 00-0335	EA	Reconfigure 48" Shelf	15.69	
12 59 16 00-0336	EA	Reconfigure 24" Flipper Door	23.01	
12 59 16 00-0337	EA	Reconfigure 36" Flipper Door	26.90	
12 59 16 00-0338	EA	Reconfigure 48" Flipper Door	30.90	
12 59 16 00-0339	EA	Reconfigure Task Light	17.11	

12 60 Multiple Seating *(12)*

12 61 Fixed Audience Seating *(12 60)*

12 61 13 Upholstered Audience Seating *(12 61)*

12 61 13 00-0001 Upholstered Audience Seating *(12 61 13)*

12 61 13 00-0002	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Marquee 51.12.00.4)	578.08	43.67
		Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
		For >100 To 249, Deduct	*-72.47*	
		For >249 To 749, Deduct	*-86.97*	
		For >749, Deduct	*-96.63*	
		For Up To 9, Add	*787.52*	
		For >9 To 24, Add	*314.04*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*23.00*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*26.72*	
12 61 13 00-0003	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Marquee 51.12.10.4)	609.34	43.67
		Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-77.16*	
		For >249 To 749, Deduct	*-92.59*	
		For >749, Deduct	*-102.88*	
		For Up To 9, Add	*787.03*	
		For >9 To 24, Add	*313.78*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*23.00*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*26.72*	
12 61 13 00-0004	EA	Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Saturn 22.12.00.4)	751.17	43.67
		Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
		For >100 To 249, Deduct	*-98.43*	
		For >249 To 749, Deduct	*-118.12*	
		For >749, Deduct	*-131.25*	
		For Up To 9, Add	*787.48*	
		For >9 To 24, Add	*314.99*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*23.00*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*26.72*	
12 61 13 00-0005	EA	Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Saturn 22.12.10.4)	782.85	43.67
		Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms		
		For >100 To 249, Deduct	*-103.19*	
		For >249 To 749, Deduct	*-123.82*	
		For >749, Deduct	*-137.58*	
		For Up To 9, Add	*784.22*	
		For >9 To 24, Add	*316.44*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*23.00*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*26.72*	
12 61 13 00-0006	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Citation 90.12.00.4)	503.77	43.67
		Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
		For >100 To 249, Deduct	*-61.32*	
		For >249 To 749, Deduct	*-73.59*	
		For >749, Deduct	*-81.77*	
		For Up To 9, Add	*789.04*	
		For >9 To 24, Add	*314.80*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*23.00*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*26.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 61 13 00-0007	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Insert Aisle Panel (Irwin Citation 90.12.10.4)	510.01	43.67
		Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 10 aisle panel with laminate insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
		For >100 To 249, Deduct	*-62.26*	
		For >249 To 749, Deduct	*-74.71*	
		For >749, Deduct	*-83.01*	
		For Up To 9, Add	*788.63*	
		For >9 To 24, Add	*315.45*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*23.00*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*26.72*	
12 61 13 00-0008	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Citation 90.12.86.4)	536.86	43.67
		Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 86 laminate surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-66.29*	
		For >249 To 749, Deduct	*-79.55*	
		For >749, Deduct	*-88.38*	
		For Up To 9, Add	*786.62*	
		For >9 To 24, Add	*313.76*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*23.00*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*26.72*	

12 61 16 Molded-Plastic Audience Seating *(12 61)*

12 61 16 00-0001 Molded-Plastic Audience Seating *(12 61 16)*

12 61 16 00-0002	EA	Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating (Irwin Patriot 30.52.00.30)	378.20	43.67
		Note: Includes Patriot back, double wall polymer, number 52 self rising seat torsion spring seat lift, open aisle standards, number 30 steel chair platform, floor mount, and polymer arms.		
		For >100 To 249, Deduct	*-42.49*	
		For >249 To 749, Deduct	*-50.99*	
		For >749, Deduct	*-56.65*	
		For Up To 9, Add	*776.13*	
		For >9 To 24, Add	*311.59*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*23.00*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*26.72*	
12 61 16 00-0003	EA	Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Patriot 30.52.36.30)	425.43	43.67
		Note: Includes Patriot back, double wall polymer, number 52 self rising seat torsion spring seat lift, number 36 laminate surfaced aisle panel, number 30 steel chair platform, floor mount, and flat laminate surfaced arms.		
		For >100 To 249, Deduct	*-49.57*	
		For >249 To 749, Deduct	*-59.49*	
		For >749, Deduct	*-66.10*	
		For Up To 9, Add	*776.65*	
		For >9 To 24, Add	*310.66*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*23.00*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*26.72*	

12 61 19 Plywood/Hardwood Audience Seating *(12 61)*

12 61 19 00-0001 Plywood/Hardwood Audience Seating *(12 61 19)*

12 61 19 00-0002	EA	Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Crusader 1.14.00.4)	607.48	43.67
		Note: Includes Crusader back, veneer surfaced, number 14 self rising seat, open aisle standards, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-76.88*	
		For >249 To 749, Deduct	*-92.26*	
		For >749, Deduct	*-102.51*	
		For Up To 9, Add	*814.94*	
		For >9 To 24, Add	*328.03*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*23.00*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*26.72*	
12 61 19 00-0003	EA	Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Surfaced Aisle Panel (Irwin Crusader 1.14.86.4)	632.84	43.67
		Note: Includes Crusader back, veneer surfaced, number 14 self rising seat, number 86 veneer surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-80.69*	
		For >249 To 749, Deduct	*-96.82*	
		For >749, Deduct	*-107.58*	
		For Up To 9, Add	*779.96*	
		For >9 To 24, Add	*311.98*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*23.00*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*26.72*	

12 61 21 Fixed Audience Seating Accessories *(12 61)*

12 61 21 00-0001 Fixed Audience Seating Accessories *(12 61 21)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 61 21 00-0002	EA	100 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	200.90	
		For >100 To 249, Deduct	*-28.71*	
		For >249 To 749, Deduct	*-34.45*	
		For >749, Deduct	*-38.28*	
12 61 21 00-0003	EA	120 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	204.58	
		For >100 To 249, Deduct	*-29.26*	
		For >249 To 749, Deduct	*-35.12*	
		For >749, Deduct	*-39.02*	
12 61 21 00-0004	EA	151 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	214.18	
		For >100 To 249, Deduct	*-30.70*	
		For >249 To 749, Deduct	*-36.84*	
		For >749, Deduct	*-40.94*	
12 61 21 00-0005	EA	98 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin)	200.90	
		For >100 To 249, Deduct	*-28.71*	
		For >249 To 749, Deduct	*-34.45*	
		For >749, Deduct	*-38.28*	
12 61 21 00-0006	EA	105 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin)	214.99	
		For >100 To 249, Deduct	*-30.83*	
		For >249 To 749, Deduct	*-36.99*	
		For >749, Deduct	*-41.10*	
12 61 21 00-0007	EA	Rubber Foot Shrouds For Number 4 Chair Platform (Per Chair), Fixed Audience Seating (Irwin)	16.50	

12 62 Portable-Audience Seating *(12 60)*

12 62 23 Portable Bleachers *(12 62)*

12 62 23 00-0001 Metal Bleachers, Outdoor, Portable *(12 62 23)*
Note: Average seating is 18".

12 62 23 00-0002 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*

12 62 23 00-0003	SEA	2 To 5 Rows, Non Elevated Portable Aluminum Bleacher, Price Per Seat	118.26	4.18
		For Each "Tip and Roll" Set (Includes Two Fixed Wheels), Add To Total Structure	*165.00*	
		For Each "Flip and Roll" Set (Includes Four Wheels), Add To Total Structure	*335.00*	

12 62 23 00-0004 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*
Note: Includes side and back fence.

12 62 23 00-0005	SEA	5 Rows, Non Elevated Portable Aluminum Bleacher Note: Including side and back fence.	154.76	4.18
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0006	SEA	6 To 10 Rows, Non Elevated Portable Aluminum Bleacher Note: Including side and back fence.	176.24	4.39
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0007	SEA	11 To 15 Rows, Non Elevated Portable Aluminum Bleacher Note: Including side and back fence.	183.99	4.60
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	

12 62 23 00-0008 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*
Note: Includes side and back fence and center aisle with rails.

12 62 23 00-0009	SEA	5 Rows, Non Elevated Portable Aluminum Bleacher Note: Including side and back fence and center aisle with hand rails.	241.21	4.71
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0010	SEA	6 To 10 Rows, Non Elevated Portable Aluminum Bleacher Note: Including side and back fence and center aisle with hand rails.	275.58	4.94
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0011	SEA	11 To 15 Rows, Non Elevated Portable Aluminum Bleacher Note: Including side and back fence and center aisle with hand rails.	298.83	5.23
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	

12 66 Telescoping Stands *(12 60)*

12 66 13 Telescoping Bleachers *(12 66)*

12 66 13 00-0001 Wall Mounted Telescoping Bleachers *(12 66 13)*
Note: Includes column cut-outs, manual operation, 10" plastic seats and cylinder lock. Excludes self storing side rails, rear rails, rear panels or end panels. Based on gross seats. To calculate the quantity of gross seats, divide the length of the unit by 18" and then multiply by the number of rows in the unit. Do not subtract for aisles or handicap cutouts. See CSI section 12 66 13 00-0019 for additonal optional accessories.

12 66 13 00-0002	SEA	3 To 10 Tier Telescoping Bleacher, 24" Row Spacing	223.04	19.60
		For Aluminum Seating And Walks, Add	*77.75*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 66 13 00-0003	SEA	3 To 10 Tier Telescoping Bleacher, 25" - 26" Row Spacing	254.16	25.54
		For Aluminum Seating And Walks, Add	*89.94*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0004	SEA	3 To 10 Tier Telescoping Bleacher, 28" - 30" Row Spacing	288.28	26.34
		For Aluminum Seating And Walks, Add	*103.48*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0005	SEA	3 To 10 Tier Telescoping Bleacher, 31" - 33" Row Spacing	313.59	26.95
		For Aluminum Seating And Walks, Add	*113.06*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0006	SEA	11 To 20 Tier Telescoping Bleacher, 24" Row Spacing	229.48	19.60
		For Aluminum Seating And Walks, Add	*80.65*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0007	SEA	11 To 20 Tier Telescoping Bleacher, 25" - 26" Row Spacing	266.91	25.54
		For Aluminum Seating And Walks, Add	*95.68*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0008	SEA	11 To 20 Tier Telescoping Bleacher, 28" - 30" Row Spacing	305.55	26.34
		For Aluminum Seating And Walks, Add	*111.25*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0009	SEA	11 To 20 Tier Telescoping Bleacher, 31" - 33" Row Spacing	335.59	26.95
		For Aluminum Seating And Walks, Add	*122.96*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0010	SEA	21 To 30 Tier Telescoping Bleacher, 22" - 24" Row Spacing	235.96	19.60
		For Aluminum Seating And Walks, Add	*83.57*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0011	SEA	21 To 30 Tier Telescoping Bleacher, 25" - 26" Row Spacing	279.65	25.54
		For Aluminum Seating And Walks, Add	*101.41*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 66 13 00-0012	SEA	21 To 30 Tier Telescoping Bleacher, 28" - 30" Row Spacing	322.99	26.34
		For Aluminum Seating And Walks, Add	*119.10*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0013	SEA	21 To 30 Tier Telescoping Bleacher, 31" - 33" Row Spacing	380.57	26.95
		For Aluminum Seating And Walks, Add	*132.80*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	

12 66 13 00-0014 Portable Telescoping Bleachers *(12 66 13)*

Note: Includes manual operation, 10" plastic seats and cylinder lock. Excludes self storing side rails, rear rails, rear panels or end panels. Based on gross seats. To calculate the quantity of gross seats, divide the length of the unit by 18" and then multiply by the number of rows in the unit. Do not subtract for aisles or handicap cutouts.

12 66 13 00-0015	SEA	3 To 10 Tier Portable Bleacher, 24" Row Spacing	248.39	19.60
		For Aluminum Seating And Walks, Add	*89.16*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0016	SEA	3 To 10 Tier Portable Bleacher, 25" - 26" Row Spacing	284.15	25.54
		For Aluminum Seating And Walks, Add	*103.44*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0017	SEA	3 To 10 Tier Portable Bleacher, 28" - 30" Row Spacing	322.77	26.34
		For Aluminum Seating And Walks, Add	*119.00*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	
12 66 13 00-0018	SEA	3 To 10 Tier Portable Bleacher, 31" - 33" Row Spacing	351.28	26.95
		For Aluminum Seating And Walks, Add	*130.02*	
		For 10" Flat Plastic Seat Modules, Add	*15.00*	
		For 10" Curved Plastic Seat Modules, Add	*18.75*	
		For 14" Curved Plastic Seat Module, Add	*22.50*	
		For >200 To 300, Deduct	*-4.00*	
		For >300 To 400, Deduct	*-8.00*	
		For >400 To 500, Deduct	*-12.00*	
		For >500, Deduct	*-16.00*	

12 66 13 00-0019 Options And Accessories *(12 66 13)*

12 66 13 00-0020	EA	Removable Center Railing, Single Sphere	176.94	3.52
12 66 13 00-0021	LF	Removable Center Railing, Single Rail	60.35	3.52
12 66 13 00-0022	EA	Self Storing Side Railing	201.17	4.02
12 66 13 00-0023	LF	Rear Railing, Horizontal Or Vertical Rails	140.74	3.86
12 66 13 00-0024	SF	Rear Panel, Plywood With Metal Frame, Trim And Finish	12.90	1.01
12 66 13 00-0025	SF	End Panel, Plywood With Metal Frame, Trim And Finish	31.93	1.01
12 66 13 00-0026	SF	Rear Filler Panel	46.28	0.50
12 66 13 00-0027	EA	4' Scorer/Timer Table	372.19	17.09
12 66 13 00-0028	EA	8' Scorer/Timer Table	466.09	26.14
12 66 13 00-0029	EA	Portable Tractor For Wall Mounted Units	8,730.09	
12 66 13 00-0030	PR	Portable Dolly For Portable Units	9,792.51	
12 66 13 00-0031	SEA	For Each Additional Floor Above Or Below First Floor, Add For Installation	2.68	
12 66 13 00-0032	SEA	For Each Additional Floor Above Or Below First Floor, Add For Demolition	1.34	
12 66 13 00-0033	ROW	48" Aisle, 24" - 26" Row, With Non Slip Tread	157.84	30.16
		For Intermediate Steps, Add	*15.78*	
12 66 13 00-0034	ROW	48" Aisle, 28" - 33" Row, With Non Slip Tread	428.19	40.21
		For Intermediate Steps, Add	*42.82*	
12 66 13 00-0035	ROW	Aisle Filler Panel, 24" - 26" Row, With Non Slip Tread	126.92	12.57
12 66 13 00-0036	ROW	Aisle Filler Panel, 28" - 33" Row, With Non Slip Tread	92.20	12.57
12 66 13 00-0037	EA	Single Handicap Cutout Seating With Railing	582.61	37.70
12 66 13 00-0038	EA	Double Handicap Cutout Seating With Railing	1,197.09	55.29
12 66 13 00-0039	EA	Portable Operator's Handle	335.36	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

13 Special Construction

13 01 Operation and Maintenance of Special Construction *(13)*

13 01 10 Operation and Maintenance of Special Facility Components *(13 01)*

13 01 11 Operation and Maintenance of Swimming Pools *(13 01 10)*

13 01 11 11 Operation and Maintenance of Swimming Pools *(13 01 11)*

13 01 11 11-0001 Pool Restoration Items *(13 01 11 11)*

13 01 11 11-0002	LF	Saw Cutting Pool Floor	14.02	
13 01 11 11-0003	SF	Demolish Pool Floor	25.49	
13 01 11 11-0004	LF	Demolish Pool Gutter Lip	35.69	
13 01 11 11-0005	LF	Demolish Pool Coping	21.24	
13 01 11 11-0006	SF	Demolish Up To 1" Thick Pool Plaster	11.44	
13 01 11 11-0007	LF	Install Pool Coping	97.75	
13 01 11 11-0008	EA	Coring For Pool Pipe Penetrations	594.88	
13 01 11 11-0009	EA	Coring For Pool Wall Inlets	203.96	
13 01 11 11-0010	EA	Coring For Pool Gutter Outlets	339.94	
13 01 11 11-0011	EA	Core And Demolish Pool Light Fixture	679.87	
13 01 11 11-0012	EA	12 Volt, LED Pool Light	891.27	
13 01 11 11-0013	EA	Bond/Set Pool Anchors	177.63	
13 01 11 11-0014	EA	Core/Install Pool Cup Anchors	509.09	
13 01 11 11-0015	LF	Form Pool Gutter	23.80	
13 01 11 11-0016	LF	Float Pool Gutter Lip	35.69	
13 01 11 11-0017	LF	Theroseal Pool Gutter	12.91	
13 01 11 11-0018	SF	Theroseal Pool Surge Tank	10.34	
13 01 11 11-0019	EA	Pool Start-up	10,994.03	
13 01 11 11-0020	SF	Up To 1/2" Thick Troweled Pool Plaster	5.32	
		For Radius Or Irregular Surface, Add	*1.84*	
		For Up To 25, Add	*1.22*	
		For >25 To 50, Add	*0.73*	
		For >50 To 150, Add	*0.35*	
13 01 11 11-0021	SF	>1/2" To 1" Thick Troweled Pool Plaster	7.59	
		For Radius Or Irregular Surface, Add	*2.66*	
		For Up To 25, Add	*1.76*	
		For >25 To 50, Add	*1.04*	
		For >50 To 150, Add	*0.50*	
13 01 11 11-0022	SF	1" x 1" Glass Pool Tile Sheet	18.28	1.69
13 01 11 11-0023	SF	2" x 2" Porcelain Mosaic Pool Tile Sheet	22.34	1.69
13 01 11 11-0024	SF	6" x 6" Porcelain Pool Tile	27.46	1.69

13 01 11 11-0025 Swimming Pool Plaster Restoration *(13 01 11 11)*

13 01 11 11-0026	SF	Chip, Clean And Repair Plaster Up To 10 SF On Swimming Pool	33.80	
13 01 11 11-0027	SF	Chip, Clean And Repair Plaster >10 To 50 SF On Swimming Pool	24.57	
13 01 11 11-0028	SF	Chip, Clean And Repair Plaster >50 To 250 SF On Swimming Pool	18.11	
13 01 11 11-0029	SF	Chip, Clean And Repair Plaster >250 To 1,000 SF On Swimming Pool	14.42	
13 01 11 11-0030	SF	Chip, Clean And Repair Plaster >1,000 SF On Swimming Pool	10.73	

13 10 Special Facility Components *(13)*

13 11 Swimming Pools *(13 10)*

13 11 46 Swimming Pool Accessories *(13 11)*

See CSI section 22 51 19 00-0043 for diatomite type filter system.

13 11 46 00-0001 Diving Boards *(13 11 46)*

13 11 46 00-0002	EA	14' Long, Aluminum Diving Boards	6,645.23	371.96
		For Wheel Adjuster, Add	*112.18*	
13 11 46 00-0003	EA	14' Long, Fiberglass Diving Boards	5,040.73	371.96
		For Wheel Adjuster, Add	*112.18*	
13 11 46 00-0004	EA	8' Long, Fiberglass Diving Board	2,748.58	308.63
		For Wheel Adjuster, Add	*105.14*	
13 11 46 00-0005	EA	10' Long, Fiberglass Diving Board	3,629.80	329.74
		For Wheel Adjuster, Add	*107.47*	
13 11 46 00-0006	EA	12' Long, Fiberglass Diving Board	4,491.33	351.86
		For Wheel Adjuster, Add	*109.91*	

13 11 46 00-0007 Diving Stand *(13 11 46)*

13 11 46 00-0008	EA	Diving Stand, 3 M Galvanized Steel Swimming Pool Equipment	31,070.14	2,513.28
13 11 46 00-0009	EA	Diving Stand, 3 M Stainless Steel Swimming Pool Equipment	38,620.39	2,513.28
13 11 46 00-0010	EA	Diving Stand, 1 M Galvanized Steel Swimming Pool Equipment	18,707.69	1,005.31
13 11 46 00-0011	EA	Diving Stand, 1 M Stainless Steel Swimming Pool Equipment	24,326.76	1,005.31
13 11 46 00-0012	EA	Diving Stand, 1/2 M Galvanized Steel With Stainless Steel Rails	6,848.70	466.47

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 11 46 00-0013		**Heavy Duty Ladders** *(13 11 46)*		
13 11 46 00-0014	EA	Ladders, 2 Tread, Stainless Steel Swimming Pool Equipment	2,779.08	143.76
13 11 46 00-0015	EA	Ladders, 4 Tread, Stainless Steel Swimming Pool Equipment	3,426.91	165.88
13 11 46 00-0016		**Underwater Lights** *(13 11 46)*		
13 11 46 00-0017	EA	Lights, Underwater, 12 Volt, With Transformer Swimming Pool Equipment	479.10	151.44
13 11 46 00-0018	EA	Lights, Underwater, 110 Volt, Swimming Pool Equipment	471.00	151.44
13 11 46 00-0019		**Pool Covers** *(13 11 46)*		
		Note: Includes cover straps and tension springs.		
13 11 46 00-0020	SF	Pool Covers, Reinforced Polyethylene	14.98	6.26
13 11 46 00-0021	SF	Pool Cover, Vinyl Water Tube	15.13	6.26
13 11 46 00-0022		**Curved Slides With Water Tube** *(13 11 46)*		
13 11 46 00-0023	EA	8' Curved Fiberglass Pool Slide With Continuous Flowing Water	10,416.38	769.36
13 11 46 00-0024		**Slides With Water Tube** *(13 11 46)*		
13 11 46 00-0025	EA	5' Straight, Fiberglass Pool Slide	5,273.84	565.48
13 11 46 00-0026		**Pool Equipment And Accessories** *(13 11 46)*		
13 11 46 00-0027	EA	Swim Lift, Vertical, Stainless Steel, In Pool Mount	7,211.83	
		Note: Spectrum #5030.		
13 11 46 00-0028	EA	Swim Lift, With Arm, Stainless Steel, Deck Mount	10,550.66	
		Note: Spectrum Traveler XRC #26705.		
13 11 46 00-0029	EA	Lifeguard Chair, Stainless Steel, 4 SF Platform, 3' High	8,312.32	376.99
		Note: Paragon #37-164 "Lookout Dual Side Mount".		
13 11 46 00-0030	EA	Lifeguard Chair, Stainless Steel, 40" x 60" Platform, 3' High	13,853.82	402.13
		Note: Paragon #37-164 "Lookout Platform".		
13 11 46 00-0031	EA	Lifeguard Chair, Stainless Steel, 6' High	8,947.18	402.13
		Note: Paragon #38-005 "OSHA Guard Chair"		
13 11 46 00-0032	EA	Lifeguard Chair, Stainless Steel, 6' High	7,633.22	402.13
		Note: Paragon #38-010 "Ultraflyte Guard Chair".		
13 11 46 00-0033	PR	Grab Rail, Stainless Steel, 1.90" O.D Tubing x .109" Thickness	1,513.37	100.53
		Note: Requires four anchors sockets and escutcheons. Paragon #36-070.		
13 11 46 00-0034	PR	Grab Rail, Stainless Steel, 1.90" O.D Tubing x .145" Thickness	1,706.76	100.53
		Note: Requires four anchors sockets and escutcheons. Paragon #36-075.		
13 11 46 00-0035	EA	Bronze Anchor Socket, 4" Deep For 1.90" Outside Diameter Tube	245.30	
13 11 46 00-0036	EA	Stainless Steel Escutcheon For 1.90" Outside Diameter Tube	46.53	
13 11 46 00-0037	EA	Rope Anchor	41.52	
13 11 46 00-0038	EA	Stanchion Post Socket	246.15	
13 11 46 00-0039	EA	48" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .109" Thickness	774.09	50.26
		Note: Requires two anchors sockets and escutcheons.		
		For 3-Bend Handrail, Add	*23.57*	
13 11 46 00-0040	EA	48" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .145" Thickness	906.70	50.26
		Note: Requires two anchors sockets and escutcheons.		
		For 3-Bend Handrail, Add	*28.22*	
13 11 46 00-0041	EA	60" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .109" Thickness	829.34	50.26
		Note: Requires two anchors sockets and escutcheons.		
		For 3-Bend Handrail, Add	*25.51*	
13 11 46 00-0042	EA	60" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .145" Thickness	978.53	50.26
		Note: Requires two anchors sockets and escutcheons.		
		For 3-Bend Handrail, Add	*30.73*	
13 11 46 00-0043	EA	72" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .109" Thickness	892.33	50.26
		Note: Requires two anchors sockets and escutcheons.		
		For 3-Bend Handrail, Add	*27.71*	
13 11 46 00-0044	EA	72" Long 2-Bend Stair Handrail, 1.90" Outside Diameter x .145" Thickness	1,048.15	50.26
		Note: Requires two anchors sockets and escutcheons.		
		For 3-Bend Handrail, Add	*33.17*	
13 11 46 00-0045	EA	1 Meter High Aluminum Diving Stand With Stainless Steel Handrail	17,529.00	1,005.31
		Note: Requires deck anchor set and diving board.		
13 11 46 00-0046	EA	3 Meter High Aluminum Diving Stand With Stainless Steel Handrail	34,536.93	2,010.63
		Note: Requires deck anchor set and diving board.		
13 11 46 00-0047	SET	Bronze Deck Anchor (Set of 8)	986.21	
13 11 46 00-0048	EA	16' Duraflex Diving Board	6,361.44	100.53
13 11 46 00-0049	EA	Pool Tube Slide, Stainless Steel Frame, 27" Polyethylene Flume	39,274.72	2,010.63
		Note: Includes 6' tower deck height, 4' x 4' top platform, 26" wide stair assembly, non-slip deck and step treads, and observation deck clear bubble.		

13 12 Fountains *(13 10)*

13 12 13 Exterior Fountains *(13 12)*

13 12 13 00-0001		**Fountains/Aerators** *(13 12 13)*		
13 12 13 00-0002	EA	1/2 HP Pump, Single Phase With 100' Cord	2,313.02	157.91
13 12 13 00-0003	EA	3/4 HP Pump, Single Phase With 100' Cord	2,558.54	161.38
13 12 13 00-0004	EA	1 HP Pump, Single Phase With 100' Cord	2,591.94	165.29

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 12 13 00-0005	EA	1-1/2 HP Pump, Single Phase With 100' Cord	2,720.14	169.20
13 12 13 00-0006	EA	2 HP Pump, Single Phase With 100' Cord	2,849.38	173.53
13 12 13 00-0007	EA	5 HP Pump, Three Phase With 200' Cord	6,128.32	177.87
13 12 13 00-0008	EA	7-1/2 HP Pump, Three Phase With 200' Cord	7,016.53	182.64
13 12 13 00-0009	EA	10 HP Pump, Three Phase With 200' Cord	7,786.35	187.41
13 12 13 00-0010	EA	15 HP Pump, Three Phase With 200' Cord	9,859.67	192.62
13 12 13 00-0011	EA	Aerator Nozzle	858.71	86.76

13 20 Special Purpose Rooms *(13)*

13 21 Controlled Environment Rooms *(13 20)*

13 21 26 Cold Storage Rooms *(13 21)*

13 21 26 13 Walk-in Coolers *(13 21 26)*

See CSI section 11 41 23 00-0000 for walk-in coolers.

13 30 Special Structures *(13)*

13 34 Fabricated Engineered Structures *(13 30)*

13 34 16 Grandstands and Bleachers *(13 34)*

13 34 16 13 Grandstands *(13 34 16)*

13 34 16 13-0001 Permanent Grandstands, Wood Seat, Steel Frame *(13 34 16 13)*

13 34 16 13-0002 3 To 15 Tiers *(13 34 16 13-0001)*

13 34 16 13-0003	SEA	3-15 Tier Permanent Grandstand Price Per Seat	79.07	8.36

13 34 16 13-0004 16 To 30 Tiers *(13 34 16 13-0001)*

13 34 16 13-0005	SEA	16-30 Tier Permanent Grandstand Price Per Seat	120.60	9.41

13 34 19 Metal Building Systems *(13 34)*

Note: Includes material, delivery to site, factory design analysis with report, engineered foundation design, shop drawings, and assembly of building on site.

13 34 19 00-0001 Pre-Engineered Metal Buildings *(13 34 19)*

Note: Free standing base buildings have a live load of 12 PSF and a wind load of 16.4 PSF (80 MPH). Includes anchoring and fasteners to concrete foundation. Includes design for foundation footings and piers. Includes a prime coated structural frame, painted steel wall panels 26 gauge, standing seam roof panels 26 gauge, roof 1 in 12 slope. Includes material, delivery to site, lifting equipment (crane) for erection, factory design analysis with report, engineered foundation design, shop drawings, and assembly of building on site. Eave height is measured from the top of slab to the underside of the roof deck. Excludes foundations, slab and anchor bolts embedded in concrete. See CSI section 03 15 19 00-0001 for cast in concrete anchors, 03 31 13 00-0001 for concrete slab, 03 31 13 00-0010 for concrete foundations, 13 34 19 00-0109 for metal building options.

13 34 19 00-0002 Clear Span Rigid Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*

Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0003 20' To 30' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings *(13 34 19 00-0002)*

13 34 19 00-0004	GSF	10' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	30.71	7.39
		For 20' To 29' In Length Only, Add	*3.99*	
		For 30' To 49' In Length Only, Add	*3.13*	
		For 50' To 69' In Length Only, Add	*1.83*	
		For 70' To 99' In Length Only, Add	*0.76*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.92*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.54*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.30*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.99*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.69*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.83*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.37*	
		For Single Slope Frame Roof, Add	*2.10*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.91*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.02*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0005	GSF	12' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	32.78	8.11
		For 20' To 29' In Length Only, Add	*4.11*	
		For 30' To 49' In Length Only, Add	*3.23*	
		For 50' To 69' In Length Only, Add	*1.89*	
		For 70' To 99' In Length Only, Add	*0.78*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.98*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.64*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.46*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.20*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.93*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.23*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.87*	
		For Single Slope Frame Roof, Add	*2.16*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.96*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.11*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0006	GSF	14' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	35.08	8.95
		For 20' To 29' In Length Only, Add	*4.22*	
		For 30' To 49' In Length Only, Add	*3.32*	
		For 50' To 69' In Length Only, Add	*1.94*	
		For 70' To 99' In Length Only, Add	*0.80*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.05*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.75*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.63*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.42*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.21*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.67*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.42*	
		For Single Slope Frame Roof, Add	*2.22*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.03*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.21*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0007	GSF	16' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	37.67	9.79
		For 20' To 29' In Length Only, Add	*4.42*	
		For 30' To 49' In Length Only, Add	*3.47*	
		For 50' To 69' In Length Only, Add	*2.03*	
		For 70' To 99' In Length Only, Add	*0.84*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.13*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.88*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.83*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.67*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.52*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*7.16*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*9.04*	
		For Single Slope Frame Roof, Add	*2.33*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.10*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.32*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0008	GSF	18' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	40.37	10.63
		For 20' To 29' In Length Only, Add	*4.65*	
		For 30' To 49' In Length Only, Add	*3.65*	
		For 50' To 69' In Length Only, Add	*2.14*	
		For 70' To 99' In Length Only, Add	*0.88*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.21*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*2.02*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*3.03*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.94*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.84*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*7.67*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*9.69*	
		For Single Slope Frame Roof, Add	*2.45*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.17*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.42*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0009	GSF	20' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	44.64	11.41
		For 20' To 29' In Length Only, Add	*5.36*	
		For 30' To 49' In Length Only, Add	*4.21*	
		For 50' To 69' In Length Only, Add	*2.46*	
		For 70' To 99' In Length Only, Add	*1.02*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.34*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*2.23*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*3.35*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*4.35*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.36*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*8.48*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*10.71*	
		For Single Slope Frame Roof, Add	*2.82*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.30*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.52*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0010	GSF	24' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	49.96	13.09
		For 20' To 29' In Length Only, Add	*5.83*	
		For 30' To 49' In Length Only, Add	*4.58*	
		For 50' To 69' In Length Only, Add	*2.68*	
		For 70' To 99' In Length Only, Add	*1.10*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.50*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*2.50*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*3.75*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*4.87*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.00*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*9.49*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*11.99*	
		For Single Slope Frame Roof, Add	*3.07*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.45*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.72*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0011		>30' To 50' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings		
		(13 34 19 00-0002)		
13 34 19 00-0012	GSF	10' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	26.36	5.87
		For 30' To 49' In Length Only, Add	*2.93*	
		For 50' To 69' In Length Only, Add	*1.71*	
		For 70' To 99' In Length Only, Add	*0.71*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.79*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.32*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.98*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.57*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.16*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.01*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.33*	
		For Single Slope Frame Roof, Add	*1.96*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.79*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.83*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0013	GSF	12' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	28.02	6.41
		For 30' To 49' In Length Only, Add	*3.01*	
		For 50' To 69' In Length Only, Add	*1.76*	
		For 70' To 99' In Length Only, Add	*0.73*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.84*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.40*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.10*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.73*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.36*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.32*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.72*	
		For Single Slope Frame Roof, Add	*2.02*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.84*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.90*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0014	GSF	14' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	29.44	6.94
		For 30' To 49' In Length Only, Add	*3.08*	
		For 50' To 69' In Length Only, Add	*1.80*	
		For 70' To 99' In Length Only, Add	*0.74*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.88*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.47*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.21*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.87*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.53*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.59*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.07*	
		For Single Slope Frame Roof, Add	*2.06*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.87*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.96*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0015	GSF	16' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	31.56	7.55
		For 30' To 49' In Length Only, Add	*3.24*	
		For 50' To 69' In Length Only, Add	*1.89*	
		For 70' To 99' In Length Only, Add	*0.78*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.95*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.58*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.37*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.08*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.79*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.00*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.57*	
		For Single Slope Frame Roof, Add	*2.17*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.93*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.04*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0016	GSF	18' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	34.23	8.11
		For 30' To 49' In Length Only, Add	*3.55*	
		For 50' To 69' In Length Only, Add	*2.08*	
		For 70' To 99' In Length Only, Add	*0.86*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.03*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.71*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.57*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.34*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.11*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.50*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.22*	
		For Single Slope Frame Roof, Add	*2.38*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.01*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.11*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0017	GSF	20' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	36.61	8.67
		For 30' To 49' In Length Only, Add	*3.77*	
		For 50' To 69' In Length Only, Add	*2.21*	
		For 70' To 99' In Length Only, Add	*0.91*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.10*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.83*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.75*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.57*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.39*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.96*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.79*	
		For Single Slope Frame Roof, Add	*2.53*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.08*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.19*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0018	GSF	24' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	39.98	9.79
		For 30' To 49' In Length Only, Add	*3.99*	
		For 50' To 69' In Length Only, Add	*2.33*	
		For 70' To 99' In Length Only, Add	*0.96*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.20*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*2.00*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*3.00*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.90*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.80*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*7.60*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*9.60*	
		For Single Slope Frame Roof, Add	*2.67*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.18*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.32*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0019 >50' To 100' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings

(13 34 19 00-0002)

13 34 19 00-0020	GSF	10' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	20.68	4.09
		For 30' To 49' In Length Only, Add	*2.56*	
		For 50' To 69' In Length Only, Add	*1.50*	
		For 70' To 99' In Length Only, Add	*0.62*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.62*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.03*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.55*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.02*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.48*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.93*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.96*	
		For Single Slope Frame Roof, Add	*1.71*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.63*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.61*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0021	GSF	12' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	21.50	4.29
		For 30' To 49' In Length Only, Add	*2.64*	
		For 50' To 69' In Length Only, Add	*1.54*	
		For 70' To 99' In Length Only, Add	*0.64*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.65*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.08*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.61*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.10*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.58*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.09*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.16*	
		For Single Slope Frame Roof, Add	*1.77*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.66*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.63*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0022	GSF	14' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	22.32	4.49
		For 30' To 49' In Length Only, Add	*2.71*	
		For 50' To 69' In Length Only, Add	*1.59*	
		For 70' To 99' In Length Only, Add	*0.65*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.67*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.12*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.67*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.18*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.68*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.24*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.36*	
		For Single Slope Frame Roof, Add	*1.82*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.68*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.66*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0023	GSF	16' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	24.60	5.20
		For 30' To 49' In Length Only, Add	*2.87*	
		For 50' To 69' In Length Only, Add	*1.68*	
		For 70' To 99' In Length Only, Add	*0.69*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.74*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.23*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.85*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.40*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.95*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.67*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.90*	
		For Single Slope Frame Roof, Add	*1.92*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.74*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.75*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0024	GSF	18' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	26.40	5.79
		For 30' To 49' In Length Only, Add	*2.97*	
		For 50' To 69' In Length Only, Add	*1.74*	
		For 70' To 99' In Length Only, Add	*0.72*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.79*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.32*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.98*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.57*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.17*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.02*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.34*	
		For Single Slope Frame Roof, Add	*1.99*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.79*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.82*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0025	GSF	20' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	28.07	6.37
		For 30' To 49' In Length Only, Add	*3.05*	
		For 50' To 69' In Length Only, Add	*1.79*	
		For 70' To 99' In Length Only, Add	*0.74*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.84*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.40*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.11*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.74*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.37*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.33*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.74*	
		For Single Slope Frame Roof, Add	*2.04*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.84*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.89*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0026	GSF	24' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	31.27	7.22
		For 30' To 49' In Length Only, Add	*3.34*	
		For 50' To 69' In Length Only, Add	*1.96*	
		For 70' To 99' In Length Only, Add	*0.81*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.94*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.56*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.35*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.05*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.75*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.94*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.50*	
		For Single Slope Frame Roof, Add	*2.24*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.93*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.00*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0027 Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*
Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0028 20' To 30' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0027)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0029	GSF	10' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	26.77	5.87
		For 20' To 29' In Length Only, Add	*3.84*	
		For 30' To 49' In Length Only, Add	*3.02*	
		For 50' To 69' In Length Only, Add	*1.76*	
		For 70' To 99' In Length Only, Add	*0.73*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.80*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.34*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.01*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.61*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.21*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.09*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.42*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.80*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.83*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0030	GSF	12' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	28.74	6.41
		For 20' To 29' In Length Only, Add	*4.06*	
		For 30' To 49' In Length Only, Add	*3.19*	
		For 50' To 69' In Length Only, Add	*1.86*	
		For 70' To 99' In Length Only, Add	*0.77*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.86*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.44*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.16*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.80*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.45*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.46*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.90*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.86*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.90*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0031	GSF	14' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	30.66	6.94
		For 20' To 29' In Length Only, Add	*4.26*	
		For 30' To 49' In Length Only, Add	*3.35*	
		For 50' To 69' In Length Only, Add	*1.96*	
		For 70' To 99' In Length Only, Add	*0.81*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.92*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.53*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.30*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.99*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.68*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.83*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.36*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.92*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.96*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0032	GSF	16' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	33.17	7.55
		For 20' To 29' In Length Only, Add	*4.58*	
		For 30' To 49' In Length Only, Add	*3.60*	
		For 50' To 69' In Length Only, Add	*2.10*	
		For 70' To 99' In Length Only, Add	*0.87*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.00*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.66*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.49*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.23*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.98*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.30*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.96*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.99*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.04*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0033	GSF	18' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	35.34	8.14
		For 20' To 29' In Length Only, Add	*4.82*	
		For 30' To 49' In Length Only, Add	*3.79*	
		For 50' To 69' In Length Only, Add	*2.22*	
		For 70' To 99' In Length Only, Add	*0.91*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.06*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.77*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.65*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.45*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.24*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.71*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.48*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.05*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.11*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0034	GSF	20' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	37.51	8.73
		For 20' To 29' In Length Only, Add	*5.06*	
		For 30' To 49' In Length Only, Add	*3.98*	
		For 50' To 69' In Length Only, Add	*2.33*	
		For 70' To 99' In Length Only, Add	*0.96*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.13*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.88*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.81*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.66*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.50*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*7.13*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*9.00*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.12*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.19*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0035	GSF	24' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	41.99	9.95
		For 20' To 29' In Length Only, Add	*5.54*	
		For 30' To 49' In Length Only, Add	*4.35*	
		For 50' To 69' In Length Only, Add	*2.55*	
		For 70' To 99' In Length Only, Add	*1.05*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.26*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*2.10*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*3.15*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*4.09*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.04*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*7.98*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*10.08*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.24*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.34*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0036		>30' To 50' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0027)*		
13 34 19 00-0037	GSF	10' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	24.16	5.20
		For 30' To 49' In Length Only, Add	*2.77*	
		For 50' To 69' In Length Only, Add	*1.62*	
		For 70' To 99' In Length Only, Add	*0.67*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.72*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.21*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.81*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.36*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.90*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.59*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.80*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.73*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.75*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0038	GSF	12' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	25.76	5.68
		For 30' To 49' In Length Only, Add	*2.89*	
		For 50' To 69' In Length Only, Add	*1.69*	
		For 70' To 99' In Length Only, Add	*0.70*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.77*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.29*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.93*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.51*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.09*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.89*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.18*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.77*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.81*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0039	GSF	14' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	27.34	6.15
		For 30' To 49' In Length Only, Add	*3.00*	
		For 50' To 69' In Length Only, Add	*1.76*	
		For 70' To 99' In Length Only, Add	*0.72*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.82*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.37*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.05*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.67*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.28*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.19*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.56*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.82*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.87*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0040	GSF	16' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	29.06	6.60
		For 30' To 49' In Length Only, Add	*3.16*	
		For 50' To 69' In Length Only, Add	*1.85*	
		For 70' To 99' In Length Only, Add	*0.76*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.87*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.45*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.18*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.83*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.49*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.52*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.97*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.87*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.92*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0041	GSF	18' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	30.80	7.07
		For 30' To 49' In Length Only, Add	*3.31*	
		For 50' To 69' In Length Only, Add	*1.93*	
		For 70' To 99' In Length Only, Add	*0.80*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.92*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.54*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.31*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.00*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.70*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.85*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.39*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.92*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.98*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0042	GSF	20' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	32.51	7.55
		For 30' To 49' In Length Only, Add	*3.45*	
		For 50' To 69' In Length Only, Add	*2.02*	
		For 70' To 99' In Length Only, Add	*0.83*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.98*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.63*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.44*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.17*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.90*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.18*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.80*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.97*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.04*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0043	GSF	24' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	36.36	8.61
		For 30' To 49' In Length Only, Add	*3.77*	
		For 50' To 69' In Length Only, Add	*2.21*	
		For 70' To 99' In Length Only, Add	*0.91*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*1.09*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.82*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.73*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*3.55*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.36*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*6.91*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*8.73*	
		For Each SF Of 24 Gauge Wall Panel, Add	*1.08*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*1.17*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0044 >50' To 80' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings *(13 34 19 00-0027)*

13 34 19 00-0045	GSF	10' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	21.07	4.09
		For 30' To 49' In Length Only, Add	*2.65*	
		For 50' To 69' In Length Only, Add	*1.55*	
		For 70' To 99' In Length Only, Add	*0.64*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.63*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.05*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.58*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.05*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.53*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.00*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.06*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.64*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.61*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0046	GSF	12' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	22.21	4.36
		For 30' To 49' In Length Only, Add	*2.76*	
		For 50' To 69' In Length Only, Add	*1.61*	
		For 70' To 99' In Length Only, Add	*0.67*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.67*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.11*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.67*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.17*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.67*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.22*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.33*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.68*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.64*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0047	GSF	14' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	23.30	4.64
		For 30' To 49' In Length Only, Add	*2.86*	
		For 50' To 69' In Length Only, Add	*1.67*	
		For 70' To 99' In Length Only, Add	*0.69*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.70*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.17*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.75*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.27*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.80*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.43*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.59*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.71*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.68*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0048	GSF	16' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	24.49	4.92
		For 30' To 49' In Length Only, Add	*2.99*	
		For 50' To 69' In Length Only, Add	*1.75*	
		For 70' To 99' In Length Only, Add	*0.72*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.73*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.22*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.84*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.39*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.94*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.65*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.88*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.75*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.71*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0049	GSF	18' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	25.98	5.26
		For 30' To 49' In Length Only, Add	*3.15*	
		For 50' To 69' In Length Only, Add	*1.84*	
		For 70' To 99' In Length Only, Add	*0.76*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.78*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.30*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.95*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.53*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.12*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.94*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.24*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.79*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.76*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0050	GSF	20' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	27.35	5.54
		For 30' To 49' In Length Only, Add	*3.32*	
		For 50' To 69' In Length Only, Add	*1.94*	
		For 70' To 99' In Length Only, Add	*0.80*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.82*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.37*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.05*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.67*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.28*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.20*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.56*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.83*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.79*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0051	GSF	24' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	30.50	6.29
		For 30' To 49' In Length Only, Add	*3.64*	
		For 50' To 69' In Length Only, Add	*2.13*	
		For 70' To 99' In Length Only, Add	*0.88*	
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.92*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.53*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.29*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.97*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.66*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.80*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*7.32*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.92*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.88*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0052		Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*		
		Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.		
13 34 19 00-0053		Up To 60' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*		
13 34 19 00-0054	GSF	14' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	21.97	4.81
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.66*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.10*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.65*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.14*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.64*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.17*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.27*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.66*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.70*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0055	GSF	16' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	23.45	5.15
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.70*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.17*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.76*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.29*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.81*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.46*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.63*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.70*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.74*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0056	GSF	18' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	24.61	5.43
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.74*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.23*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.85*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.40*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.95*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.68*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.91*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.74*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.78*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0057	GSF	20' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	25.77	5.71
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.77*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.29*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.93*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.51*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.09*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.90*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.18*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.77*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.81*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0058	GSF	24' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	27.90	6.19
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.84*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.40*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*2.09*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.72*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.35*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*5.30*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.70*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.84*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.87*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0059		>60' To 80' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0060	GSF	14' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	20.40	4.25
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.61*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.02*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.53*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.99*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.45*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.88*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.90*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.62*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.63*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0061	GSF	16' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	21.71	4.53
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.65*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.09*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.63*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.12*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.61*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.12*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.21*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.66*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.66*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0062	GSF	18' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	22.88	4.81
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.69*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.14*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.72*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.23*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.75*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.35*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.49*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.69*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.70*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0063	GSF	20' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	23.90	5.03
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.72*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.20*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.79*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.33*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.87*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.54*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.74*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.72*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.73*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0064	GSF	24' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	25.86	5.48
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.78*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.29*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.94*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.52*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.10*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.91*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*6.21*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.78*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.78*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0065		>80' To 100' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*		
13 34 19 00-0066	GSF	14' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	18.94	3.75
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.57*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.95*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.42*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.85*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.27*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.60*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.55*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.58*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.57*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0067	GSF	16' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	19.86	3.92
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.60*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.99*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.49*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.94*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.38*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.77*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.77*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.61*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.59*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0068	GSF	18' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	20.91	4.13
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.63*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.05*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.57*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.04*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.51*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.97*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.02*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.64*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.62*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0069	GSF	20' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	21.79	4.30
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.65*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.09*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.63*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.12*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.61*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.14*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.23*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.67*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.64*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0070	GSF	24' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	23.60	4.70
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.71*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.18*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.77*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.30*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.83*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.48*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.66*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.72*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.69*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0071		>100' To 120' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0052)*		
13 34 19 00-0072	GSF	14' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	18.46	3.58
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.55*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.92*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.38*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.80*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.22*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.51*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.43*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.57*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.55*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0073	GSF	16' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	19.20	3.75
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.58*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.96*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.44*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.87*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.30*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.65*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.61*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.59*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.57*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0074	GSF	18' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	20.10	3.92
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.60*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.01*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.51*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.96*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.41*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.82*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.82*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.61*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.59*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0075	GSF	20' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	20.94	4.09
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.63*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.05*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.57*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.04*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.51*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.98*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.03*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.64*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.61*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0076	GSF	24' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding	22.71	4.41
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.68*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.14*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.70*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.21*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.73*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.31*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.45*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.69*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.65*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0077		Double Post 3-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*		
		Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.		
13 34 19 00-0078		Up To 120' Wide Double Post 3-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0077)*		
13 34 19 00-0079	GSF	14' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	18.29	3.75
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.55*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.91*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.37*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.78*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.19*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.48*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.39*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.56*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.57*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0080	GSF	16' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	19.01	3.92
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.57*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.95*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.43*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.85*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.28*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.61*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.56*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.58*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.59*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0081	GSF	18' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	19.10	3.81
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.57*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.96*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.43*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.86*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.29*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.63*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.58*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.58*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.57*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0082	GSF	20' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	19.86	3.97
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.60*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.99*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.49*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.94*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.38*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.77*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.77*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.61*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.59*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0083	GSF	24' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	22.35	4.25
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.67*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.12*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.68*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.18*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.68*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.25*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.36*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.69*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.63*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0084		>120' To 150' Wide Double Post 3-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0077)*		
13 34 19 00-0085	GSF	14' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	17.29	3.41
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.52*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.86*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.30*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.69*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.07*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.29*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.15*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.53*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.53*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0086	GSF	16' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	17.88	3.52
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.54*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.89*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.34*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.74*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.15*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.40*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.29*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.55*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.54*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0087	GSF	18' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	18.56	3.66
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.56*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.93*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.39*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.81*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.23*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.53*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.45*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.57*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.56*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0088	GSF	20' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	19.20	3.81
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.58*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.96*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.44*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.87*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.30*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.65*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.61*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.59*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.57*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0089	GSF	24' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	21.67	4.09
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.65*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.08*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.63*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.11*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.60*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*4.12*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.20*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.67*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.61*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0090		Triple Post 4-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0001)*		
		Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.		
13 34 19 00-0091		Up To 160' Wide Triple Post 4-Span Frame Pre-Engineered Metal Building *(13 34 19 00-0090)*		
13 34 19 00-0092	GSF	14' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.61	3.24
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.50*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.83*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.25*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.62*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.99*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.16*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.99*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.51*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.50*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0093	GSF	16' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	17.31	3.36
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.52*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.87*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.30*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.69*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.08*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.29*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.15*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.53*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.52*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0094	GSF	18' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	17.89	3.47
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.54*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.89*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.34*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.74*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.15*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.40*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.29*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.55*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.53*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0095	GSF	20' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	18.44	3.58
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.55*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.92*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.38*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.80*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.21*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.50*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.43*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.56*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.55*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0096	GSF	24' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	20.91	3.92
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.63*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.05*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.57*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.04*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.51*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.97*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*5.02*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.64*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.59*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0097		>160' To 180' Wide Triple Post 4-Span Frame Pre-Engineered Metal Building *(13 34 19 00-0090)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0098	GSF	14' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.38	3.13
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.49*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.82*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.23*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.60*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.97*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.11*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.93*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.50*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.49*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0099	GSF	16' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.97	3.24
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.51*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.85*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.27*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.65*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.04*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.22*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.07*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.52*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.50*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0100	GSF	18' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	17.61	3.36
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.53*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.88*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.32*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.72*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.11*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.35*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.23*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.54*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.52*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0101	GSF	20' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	18.18	3.47
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.55*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.91*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.36*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.77*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.18*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.45*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.36*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.56*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.53*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0102	GSF	24' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	20.53	3.75
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.62*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.03*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.54*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*2.00*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.46*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.90*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.93*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.63*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.57*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0103		>180' To 200' Wide Triple Post 4-Span Frame Pre-Engineered Metal Buildings *(13 34 19 00-0090)*		
13 34 19 00-0104	GSF	14' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.18	3.02
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.49*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.81*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.21*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.58*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*1.94*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.07*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*3.88*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.50*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.48*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0105	GSF	16' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.66	3.13
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.50*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.83*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.25*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.62*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.00*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.17*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.00*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.51*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.49*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0106	GSF	18' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	17.31	3.24
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.52*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.87*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.30*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.69*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.08*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.29*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.15*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.53*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.50*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0107	GSF	20' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	17.94	3.36
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.54*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*0.90*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.35*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.75*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.15*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.41*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.31*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.55*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.52*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	
13 34 19 00-0108	GSF	24' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	20.30	3.64
		For >1 In 12 Slope To 3 In 12 Slope, Add	*0.61*	
		For >3 In 12 Slope To 5 In 12 Slope, Add	*1.02*	
		For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	*1.52*	
		For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	*1.98*	
		For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*2.44*	
		For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	*3.86*	
		For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	*4.87*	
		For Each SF Of 24 Gauge Wall Panel, Add	*0.63*	
		For Each SF Of Lap Roof, Deduct	*-0.76*	
		For Each SF Of Hip Roof, Add	*0.55*	
		For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	*-1.97*	

13 34 19 00-0109 Metal Building Options *(13 34 19 00-0001)*

Note: For use with metal buildings only. See CSI section 08 36 13 00-0013 for sectional doors, 08 51 13 00-0079 for sliding windows.

13 34 19 00-0110 Metal Framing For Rough Openings *(13 34 19 00-0109)*

Note: Excludes doors See CSI section 08 13 00 00-0000 for metal doors, 08 14 00 00-0000 for wood doors, 08 33 23 00-0000 for overhead coiling doors.

13 34 19 00-0111	EA	Single Door, Metal Frame Rough Opening	551.12	125.27
13 34 19 00-0112	EA	Double Door, Metal Frame Rough Opening	848.80	162.17
13 34 19 00-0113	EA	10' x 10' Overhead Door, Metal Frame Rough Opening	1,024.35	153.78
13 34 19 00-0114	EA	12' x 12' Overhead Door, Metal Frame Rough Opening	1,109.18	156.59
13 34 19 00-0115	EA	14' x 14' Overhead Door, Metal Frame Rough Opening	1,179.70	162.17
13 34 19 00-0116	EA	Up To 12 SF, Window Opening, Metal Frame Rough Opening	527.99	125.27
13 34 19 00-0117	EA	>12 To 18 SF, Window Opening, Metal Frame Rough Opening	592.18	142.38
13 34 19 00-0118	LF	Additional Girts	12.37	

13 34 19 00-0119 Wall Panel Options For Metal Buildings *(13 34 19 00-0109)*

Note: Upgrade from 26 gauge wall panels.

13 34 19 00-0120	SF	Upgrade To 2" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile Note: 24 gauge exterior and 24 gauge interior panels.	13.29	
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0121	SF	Upgrade To 2-1/2" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile Note: 24 gauge exterior and 24 gauge interior panels.	16.02	
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0122	SF	Upgrade To 3" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile Note: 24 gauge exterior and 24 gauge interior panels.	18.43	
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0123	SF	Upgrade To 4" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile Note: 24 gauge exterior and 24 gauge interior panels.	21.15	
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	

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13 34 19 00-0124		**Roofing Options For Metal Buildings** *(13 34 19 00-0109)*		
		Note: Upgrade from 26 gauge standing seam roof panels.		
13 34 19 00-0125	SF	Upgrade To 24 Gauge Galvanized Steel Standing Seam Roof	1.46	
13 34 19 00-0126	SF	Upgrade To 4" Thick Insulated Roof Panel, Metal-Span III, CFR-42	23.55	
		Note: 24 gauge exterior and 24 gauge interior panels.		
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0127	SF	Upgrade To 5" Thick Insulated Roof Panel, Metal-Span III, CFR-42	25.04	
		Note: 24 gauge exterior and 24 gauge interior panels.		
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0128	SF	Upgrade To 6" Thick Insulated Roof Panel, Metal-Span III, CFR-42	26.26	
		Note: 24 gauge exterior and 24 gauge interior panels.		
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
13 34 19 00-0129	EA	3' x 10' Translucent Fiberglass Panels	173.29	48.10
13 34 19 00-0130	LF	Vented Ridge Vent For Standing Seam Roof	24.22	
13 34 19 00-0131		**Insulation For Metal Buildings** *(13 34 19 00-0109)*		
13 34 19 00-0132	SF	1-1/2" Thick, R-5.5, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.12	0.29
13 34 19 00-0133	SF	2-1/2" Thick, R-8, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.26	0.29
13 34 19 00-0134	SF	3-1/2" Thick, R-11, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.42	0.38
13 34 19 00-0135	SF	3-1/2" Thick, R-13, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.65	0.38
13 34 19 00-0136	SF	6" Thick, R-19, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	2.10	0.38
13 34 19 00-0137	SF	1-1/2" Thick, R-5.5, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.39	0.29
13 34 19 00-0138	SF	2-1/2" Thick, R-8, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.52	0.29
13 34 19 00-0139	SF	3-1/2" Thick, R-11, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.64	0.38
13 34 19 00-0140	SF	3-1/2" Thick, R-13, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.81	0.38
13 34 19 00-0141	SF	6" Thick, R-19, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	2.18	0.38
13 34 19 00-0142	SF	1-1/2" Thick, R-5.5, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.31	0.29
13 34 19 00-0143	SF	2-1/2" Thick, R-8, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.47	0.29
13 34 19 00-0144	SF	3-1/2" Thick, R-11, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.74	0.38
13 34 19 00-0145	SF	3-1/2" Thick, R-13, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.91	0.38
13 34 19 00-0146	SF	6" Thick, R-19, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	2.26	0.38
13 34 19 00-0147	SF	2" Thick, R-6.5, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	1.21	0.29
13 34 19 00-0148	SF	3" Thick, R-10, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	1.29	0.29
13 34 19 00-0149	SF	4" Thick, R-13, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	1.45	0.38
13 34 19 00-0150	SF	6" Thick, R-19, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	1.81	0.38
13 34 19 00-0151	SF	2" Thick, R-6.5, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation	1.22	0.29
13 34 19 00-0152	SF	3" Thick, R-10, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation	1.31	0.29
13 34 19 00-0153	SF	4" Thick, R-13, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation	1.48	0.38
13 34 19 00-0154	SF	6" Thick, R-19, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation	1.86	0.38
13 34 19 00-0155	SF	2" Thick, R-6.5, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	1.66	0.29
13 34 19 00-0156	SF	3" Thick, R-10, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	1.78	0.29
13 34 19 00-0157	SF	4" Thick, R-13, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	1.95	0.38
13 34 19 00-0158	SF	6" Thick, R-19, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	2.33	0.38
13 34 19 00-0159		**Eave And Overhang Options For Metal Buildings** *(13 34 19 00-0109)*		
13 34 19 00-0160	LF	2' End Wall Roof Overhang And 26 Gauge Soffit	43.15	8.73
13 34 19 00-0161	LF	4' End Wall Roof Overhang And 26 Gauge Soffit	65.32	6.26
13 34 19 00-0162	SF	Up To 20 SF, Prefinished Aluminum, Wall Hung Canopy	88.42	13.98
		Note: Up to 7' projection from wall. Includes finished underside and edges.		
		For End Braced (Up To 16' Wall Projection), Add	*20.71*	
		For Overhead Braced (Up To 10' Wall Projection), Add	*11.87*	
13 34 19 00-0163	SF	>20 To 50 SF, Prefinished Aluminum, Wall Hung Canopy	73.87	11.75
		Note: Up to 7' projection from wall. Includes finished underside and edges.		
		For End Braced (Up To 16' Wall Projection), Add	*17.29*	
		For Overhead Braced (Up To 10' Wall Projection), Add	*9.91*	
13 34 19 00-0164	SF	>50 SF, Prefinished Aluminum, Wall Hung Canopy	56.00	10.07
		Note: Up to 7' projection from wall. Includes finished underside and edges.		
		For End Braced (Up To 16' Wall Projection), Add	*12.99*	
		For Overhead Braced (Up To 10' Wall Projection), Add	*7.39*	
13 34 19 00-0165	SF	Up To 50 SF, Prefinished Aluminum, Free Standing Canopy	107.86	21.25
		Note: Includes finished underside and edges.		
13 34 19 00-0166	SF	>50 SF, Prefinished Aluminum, Free Standing Canopy	72.50	12.86
		Note: Includes finished underside and edges.		
13 34 19 00-0167	LF	1' Standard Eave Overhang Without Soffit	45.42	
13 34 19 00-0168	LF	2' Standard Eave Overhang Without Soffit	56.88	
13 34 19 00-0169	LF	3' Standard Eave Overhang Without Soffit	68.52	
13 34 19 00-0170	LF	4' Standard Eave Overhang Without Soffit	80.01	
13 34 19 00-0171	LF	6' Standard Eave Overhang Without Soffit	102.93	
13 34 19 00-0172	LF	1' Standard Eave Overhang And 26 Gauge Soffit	60.83	
		For 24 Gauge, Add	*6.98*	
13 34 19 00-0173	LF	2' Standard Eave Overhang And 26 Gauge Soffit	76.12	
		For 24 Gauge, Add	*8.80*	
13 34 19 00-0174	LF	3' Standard Eave Overhang And 26 Gauge Soffit	91.53	
		For 24 Gauge, Add	*10.55*	
13 34 19 00-0175	LF	4' Standard Eave Overhang And 26 Gauge Soffit	106.94	
		For 24 Gauge, Add	*12.29*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0176	LF	6' Standard Eave Overhang And 26 Gauge Soffit	136.84	
		For 24 Gauge, Add	*15.83*	
13 34 19 00-0177		**Louvers And Vents For Metal Buildings** *(13 34 19 00-0109)*		
13 34 19 00-0178	EA	4' x 3' Fixed Louver	673.36	174.48
13 34 19 00-0179	EA	12" Rotary Vent With Damper	408.16	111.85
13 34 19 00-0180	EA	20" Rotary Vent With Damper	724.59	149.31
13 34 19 00-0181	EA	24" Rotary Vent With Damper	963.25	167.77
13 34 19 00-0182	EA	Gravity Ridge Ventilator With Birdscreen, 9" Throat x 10'	1,100.70	223.69
13 34 19 00-0183	EA	Gravity Ridge Ventilator With Birdscreen, 12" Throat x 10'	1,175.06	223.69
13 34 19 00-0184	EA	Ridge Ventilator - 9" Throat X 10 Ft, Manually Operated Damper With Birdscreen	1,369.73	223.69
13 34 19 00-0185	EA	Ridge Ventilator - 12" Throat X 10 Ft, Manually Operated Damper With Birdscreen	1,497.83	223.69
13 34 19 00-0186	EA	Ridge Ventilator - 15" Throat X 10 Ft, Manually Operated Damper With Birdscreen	1,638.75	223.69
13 34 19 00-0187	EA	Ridge Ventilator - 18" Throat X 10 Ft, Manually Operated Damper With Birdscreen	1,779.66	223.69
13 34 19 00-0188	EA	Ridge Ventilator - 9" Throat X 10 Ft, Motor Operated Damper With Birdscreen	2,339.88	279.61
13 34 19 00-0189	EA	Ridge Ventilator - 12" Throat X 10 Ft, Motor Operated Damper With Birdscreen	2,570.47	279.61
13 34 19 00-0190		**Gutters And Downspouts For Metal Buildings** *(13 34 19 00-0109)*		
13 34 19 00-0191	LF	Pre-Engineered Standard Type Gutter, Painted	11.82	2.79
		For Galvanized Instead Of Painted, Deduct	*-1.56*	
13 34 19 00-0192	LF	Pre-Engineered Standard Type Downspout, Painted	10.31	3.92
		For Galvanized Instead Of Painted, Deduct	*-0.62*	
13 34 23		**Fabricated Structures** *(13 34)*		
13 34 23 13		**Portable and Mobile Buildings** *(13 34 23)*		
13 34 23 13-0001		**Prefabricated Signal, Communication Or Electrical Building** *(13 34 23 13)*		
		Note: Complete, includes door, roof, lights and wiring, insulation, painted.		
13 34 23 13-0002	SF	15 SF To 29 SF Prefabricated Signal, Communication Or Electrical Building	538.14	
13 34 23 13-0003	SF	30 SF To 49 SF Prefabricated Signal, Communication Or Electrical Building	461.58	
13 34 23 13-0004	SF	50 SF To 79 SF Prefabricated Signal, Communication Or Electrical Building	369.44	
13 34 23 13-0005	SF	80 SF To 99 SF Prefabricated Signal, Communication Or Electrical Building	292.33	
13 34 23 13-0006	SF	100 SF To 144 SF Prefabricated Signal, Communication Or Electrical Building	261.28	
13 34 23 13-0007		**Temporary Trailers 1 To 6 Years Life** *(13 34 23 13)*		
		Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, phone jacks, two wooden landings, stairs, and handrails. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.		
13 34 23 13-0008	SF	Single Trailer Up To 14' x 73'	64.83	
		For Each Delivery And Set-Up (Block And Level), Add	*1,372.64*	
		For Each Knock-Down And Pick-Up, Add	*1,092.64*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
13 34 23 13-0009	SF	Modular Trailers, Connected	90.76	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-Up (Block And Level), Add	*3,039.70*	
		For Each Knock-Down And Pick-Up, Add	*2,389.70*	
13 34 23 13-0010	EA	Add Per Additional Exterior Door With Frame And Hardware	972.45	
13 34 23 13-0011		**Accessories** *(13 34 23 13)*		
13 34 23 13-0012		**Skirting** *(13 34 23 13-0011)*		
		Note: Includes 2" x 4" wood framing 16" on center.		
13 34 23 13-0013		**Vinyl Covered, Exterior Only** *(13 34 23 13-0012)*		
13 34 23 13-0014	SF	1'-8" High Vinyl Covered Skirt	4.83	1.72
13 34 23 13-0015	SF	3' High Vinyl Covered Skirt	7.01	2.84
13 34 23 13-0016		**Fiberglass, Exterior Only** *(13 34 23 13-0012)*		
13 34 23 13-0017	SF	1'-8" High Fiberglass Skirt	8.32	3.25
13 34 23 13-0018	SF	3' High Fiberglass Skirt	9.66	3.95
13 34 23 13-0019		**Plywood, Exterior Only** *(13 34 23 13-0012)*		
13 34 23 13-0020	SF	1'-8" High 5/8" Plywood Skirt	8.21	3.44
13 34 23 13-0021	SF	3' High 5/8" Plywood Skirt	9.70	4.15
13 34 23 13-0022		**Steel, Painted, Exterior Only** *(13 34 23 13-0012)*		
13 34 23 13-0023	SF	1'-8" High 26 Gauge Steel Skirt	9.53	3.25
13 34 23 13-0024	SF	3' High 26 Gauge Steel Skirt	11.02	3.95
13 34 23 13-0025		**14" x 14" Access Hatch** *(13 34 23 13-0011)*		
		Note: Simple design.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 23 13-0026	EA	14" x 14" Vinyl Covered Access Hatch	240.88	76.11
13 34 23 13-0027	EA	14" x 14" Fiberglass Access Hatch	196.15	76.11
13 34 23 13-0028	EA	14" x 14" Plywood Access Hatch	239.04	76.11
13 34 23 13-0029	EA	14" x 14" 26 Gauge Steel Access Hatch	240.55	76.11
13 34 23 13-0030		Pole Anchor *(13 34 23 13-0011)*		
		Note: Joslyn.		
13 34 23 13-0031	EA	Pole Anchor, 4" Helix, 3/4" x 54" Shaft	67.07	28.64
13 34 23 13-0032	EA	Pole Anchor, 6" Helix, 3/4" x 66" Shaft	76.05	28.64
13 34 23 13-0033	EA	Pole Anchor, 8" Helix, 1" x 66" Shaft	101.64	32.22
13 34 23 13-0034	EA	Pole Anchor, 10" Helix, 1-1/4" x 66" Shaft	143.17	35.81
13 34 23 13-0035	EA	Pole Anchor, 10" Helix, 1-1/4" x 8' Shaft	163.57	39.39
13 34 23 13-0036	EA	Pole Anchor, 16" Helix, 1-1/4" x 8' Shaft	262.80	53.71
13 34 23 13-0037		Aluminum Modular Access Ramp *(13 34 23 13-0011)*		
		Note: Includes picketed guardrails, inside grabrails, legs and hardware.		
13 34 23 13-0038	EA	72" Long x 52-1/4" Wide Ramp Section, Aluminum Modular Access Ramp	3,520.01	25.33
13 34 23 13-0039	EA	60-1/4" Long x 61-3/4" Wide Door Landing Section, Aluminum Modular Access Ramp	3,550.41	32.93
13 34 23 13-0040	EA	60-1/4" Long x 123-1/2" Wide Switchback Landing Section, Aluminum Modular Access Ramp	7,321.80	50.67
13 34 23 13-0041	EA	110-3/4" Long x 72" Wide Switchback Landing Section, Aluminum Modular Access Ramp	7,892.48	50.67
13 34 23 13-0042	EA	60-1/4" Long x 61-3/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	3,693.08	32.93
13 34 23 13-0043	EA	71-3/4" Long x 52-1/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	3,662.68	25.33
13 34 23 13-0044	EA	84-1/2" Long x 61-3/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	5,116.19	32.93
13 34 23 13-0045	EA	30" High x 82" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	3,623.53	32.93
13 34 23 13-0046	EA	35" High x 96" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	3,623.53	32.93
13 34 23 13-0047	EA	42" High x 110" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	4,128.22	32.93
13 34 23 13-0048	EA	49" High x 124" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	4,629.34	32.93
13 34 23 13-0049		Relocate Portable And Mobile Trailer *(13 34 23 13)*		
		Note: Excludes anchors, skirting, steps, ramps, utility hook-ups and foundation. See CSI section 01 22 16 00-0002 for reimbursable permit fees, 01 22 20 00-0084 for escort vehicle, 13 34 23 13-0012 for skirting, 13 34 23 13-0030 for anchors.		
13 34 23 13-0050	EA	Prepare, Up To 12' Wide, Single Trailer For Transposrtation	902.99	
		Note: Includes securing interior, mounting tires, and mounting trailer hitch		
13 34 23 13-0051	EA	Separate, 24' Wide Double Trailer And Prepare For Transposrtation	4,290.10	
		Note: Includes separating trailers, securing interior, installing plastic and boards to open side of each (2) trailers, mounting tires, and mounting trailer hitch.		
13 34 23 13-0052	EA	Remove Blocking From 8' Wide x Up To 35' Long Trailer	397.31	
		Note: Per trailer		
13 34 23 13-0053	EA	Remove Blocking From 10' Wide x 40' To 50' Long Trailer	505.67	
		Note: Per trailer		
13 34 23 13-0054	EA	Remove Blocking From 12' Wide x 45' To 60' Long Trailer	614.03	
		Note: Per trailer		
13 34 23 13-0055	EA	Remove Blocking From 24' Wide x 45' To 60' Long Trailer	1,228.06	
		Note: Per trailer		
13 34 23 13-0056	MI	Transportation And Delivery Of Trailer	14.70	
		See CSI section 01 22 20 00-0085 for escort vehicle service (when required).		
13 34 23 13-0057	EA	Re-connect 24' Wide Double Trailer	8,675.10	
		Note: Includes removal of temporay plastic and boards, caulking, installtion of flooring, ceiling and roofing seams. Excludes blocking and leveling. See CSI section 13 34 23 13-0060 for blocking and leveling of each section.		
13 34 23 13-0058	EA	Set-Up (Block And Level) Trailer, 8' Wide x Up To 35' Long	496.65	
		Note: Per trailer		
13 34 23 13-0059	EA	Set-Up (Block And Level) Trailer, 10' Wide x 40' To 50' Long	632.09	
		Note: Per trailer		
13 34 23 13-0060	EA	Set-Up (Block And Level) Trailer, 12' Wide x 45' To 60' Long	767.53	
		Note: Per trailer		
13 34 23 13-0061	EA	Set-Up (Block And Level) Trailer, 24' Wide x 45' To 60' Long	1,535.07	
		Note: Per trailer		
13 34 23 13-0062	EA	Connection Straps To Anchor	22.58	
		Note: Includes straps per each anchor See CSI section 13 34 23 13-0030 for anchors.		
13 34 23 14		**Fabricated Classroom Buildings** *(13 34 23)*		
13 34 23 14-0001		Semi Permanent Modular Transportable Buildings *(13 34 23 14)*		
13 34 23 14-0002	SF	Portable Classrooms, Complete With Doors, Windows, Fixtures, Toilets And Workroom	96.60	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-Up (Block And Level), Add	*3,039.70*	
		For Each Knock-Down And Pick-Up, Add	*2,389.70*	
13 34 23 14-0003	SF	Modular Classroom, Connected, Complete With Doors, Windows, Fixtures, Toilets And Teachers Work Room	99.46	
		For Each Anchoring Into Asphalt Or Concrete, Add	*110.00*	
		For Each Delivery And Set-Up (Block And Level), Add	*3,039.70*	
		For Each Knock-Down And Pick-Up, Add	*2,389.70*	
13 34 23 16		**Fabricated Control Booths** *(13 34 23)*		
13 34 23 16-0001		Fabricated Parking Attendant Booths *(13 34 23 16)*		
		Note: Excludes foundations and slab.		
13 34 23 16-0002	EA	Parking Booth For Attendant	1,926.84	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 23 31		**Fabricated Pavilion Style Buildings** *(13 34 23)*		
13 34 23 31-0001		Pavilion Style Metal Shelter Structures *(13 34 23 31)* Note: Prefabricated open structure system, complete with all necessary hardware. Hip roof, steel structural rafters and columns, urethane/polyester (TGIC) powder finish, aluminum roof decking, 8' height at perimeter. Excludes foundations and slab. Americana or equal.		
13 34 23 31-0002	EA	12' x 12' Pavilion Style Metal Shelter Structure	11,117.45	2,144.74
13 34 23 31-0003	EA	16' x 16' Pavilion Style Metal Shelter Structure	13,062.79	2,238.01
13 34 23 31-0004	EA	16' x 32' Pavilion Style Metal Shelter Structure	16,673.28	2,387.21
13 34 23 31-0005	EA	20' x 20' Pavilion Style Metal Shelter Structure	15,659.24	2,312.61
13 34 23 31-0006	EA	20' x 30' Pavilion Style Metal Shelter Structure	19,381.00	2,536.41
13 34 23 31-0007	EA	20' x 40' Pavilion Style Metal Shelter Structure	23,105.60	2,611.02
13 34 23 31-0008	EA	24' x 24' Pavilion Style Metal Shelter Structure	19,156.82	2,387.21
13 34 23 31-0009	EA	24' x 48' Pavilion Style Metal Shelter Structure	27,051.48	2,984.01
13 34 23 31-0010	EA	30' x 30' Pavilion Style Metal Shelter Structure	26,002.28	2,984.01
13 34 23 31-0011	EA	30' x 60' Pavilion Style Metal Shelter Structure	51,786.20	3,730.02
13 34 23 31-0012	EA	40' x 40' Pavilion Style Metal Shelter Structure	47,895.77	4,661.68
13 34 23 31-0013	EA	40' x 60' Pavilion Style Metal Shelter Structure	69,421.09	5,222.02
13 40		**Integrated Construction** *(13)*		
13 42		**Building Modules** *(13 40)*		
13 42 63		**Detention Cell Modules** *(13 42)*		
13 42 63 16		**Steel Detention Cell Modules** *(13 42 63)*		
13 42 63 16-0001	EA	Bar Front, Rolling, 7/8" Bars, 4" On Center, 7' High, 5' Wide Note: With hardware.	20,193.65	847.96
13 42 63 16-0002	EA	Cells, Prefabricated, 5'-6' Wide, 7'-8' High, Bar Front, Cot Note: Not including plumbing.	31,990.71	1,135.43
13 42 63 16-0003	SF	Temporary Holding Cell, 1/4" Woven Rod Panels On 2" Centers Note: Includes 12 gauge steel frame and concealment plates.	135.19	8.04
13 42 63 16-0004	SF	Solid Security Ceiling, 14 Gauge Formed Steel Channels Note: 20" wide, 14 gauge galvannealed steel face sheet, 10 gauge steel wall angle, backed polyester powder finish.	101.07	8.04
13 42 63 16-0005	SF	Perforated Metal Crime Shield	98.32	3.33
13 46		**Lightning Protection Systems** *(13 40)*		
13 46 13		**Lightning Protection for Structures** *(13 46)*		
13 46 13 00-0001		Lightning Protection *(13 46 13)* See CSI section 26 05 26 00-0001 for conductors.		
13 46 13 00-0002		Air Terminals For Lightning Protection *(13 46 13 00-0001)*		
13 46 13 00-0003		Copper Lightning Protection Air Terminals *(13 46 13 00-0002)*		
13 46 13 00-0004	EA	3/8" x 10" Copper Lightning Protection Air Terminal	69.95	12.10
13 46 13 00-0005	EA	1/2" x 12" Copper Lightning Protection Air Terminal	86.95	12.10
13 46 13 00-0006	EA	5/8" x 12" Copper Lightning Protection Air Terminal	113.16	12.10
13 46 13 00-0007	EA	1/2" x 24" Copper Lightning Protection Air Terminal	125.82	12.10
13 46 13 00-0008	EA	1/2" x 60" Copper Lightning Protection Air Terminal	244.13	24.19
13 46 13 00-0009		Aluminum Lightning Protection Air Terminals *(13 46 13 00-0002)*		
13 46 13 00-0010	EA	3/8" x 10" Aluminum Lightning Protection Air Terminal	80.96	12.10
13 46 13 00-0011	EA	1/2" x 12" Aluminum Lightning Protection Air Terminal	103.13	12.10
13 46 13 00-0012	EA	5/8" x 12" Aluminum Lightning Protection Air Terminal	131.65	12.10
13 46 13 00-0013	EA	1/2" x 24" Aluminum Lightning Protection Air Terminal	146.24	12.10
13 46 13 00-0014	EA	1/2" x 60" Aluminum Lightning Protection Air Terminal	286.11	24.19
13 46 13 00-0015		Terminal Bases For Lightning Protection *(13 46 13 00-0001)*		
13 46 13 00-0016		Copper Lightning Protection Terminal Bases *(13 46 13 00-0015)*		
13 46 13 00-0017	EA	Adhesive Base For Copper Lightning Protection Terminal	94.98	36.29
13 46 13 00-0018	EA	Bolted Base For Copper Lightning Protection Terminal	125.58	48.38
13 46 13 00-0019	EA	Hinged Base For Copper Lightning Protection Terminal	169.39	60.47
13 46 13 00-0020	EA	Side Mounted Base For Copper Lightning Protection Terminal	125.58	48.38
13 46 13 00-0021	EA	Offset Point Support For Copper Lightning Protection Terminal	133.95	48.38
13 46 13 00-0022	EA	Concealed Base Assembly For Copper Lightning Protection Terminal	237.76	96.76
13 46 13 00-0023	EA	36" Tripod Base For 60" Copper Lightning Protection Terminal	167.20	60.47
13 46 13 00-0024	EA	Intermediate Base For Copper Lightning Protection Terminal	94.98	36.29
13 46 13 00-0025		Aluminum Lightning Protection Terminal Bases *(13 46 13 00-0015)*		
13 46 13 00-0026	EA	Adhesive Base For Aluminum Lightning Protection Terminal	97.98	36.29
13 46 13 00-0027	EA	Bolted Base For Aluminum Lightning Protection Terminal	131.02	48.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 46 13 00-0028	EA	Hinged Base For Aluminum Lightning Protection Terminal	178.03	60.47
13 46 13 00-0029	EA	Side Mounted Base For Aluminum Lightning Protection Terminal	131.51	48.38
13 46 13 00-0030	EA	Offset Point Support For Aluminum Lightning Protection Terminal	138.44	48.38
13 46 13 00-0031	EA	Concealed Base Assembly For Aluminum Lightning Protection Terminal	249.97	96.76
13 46 13 00-0032	EA	36" Tripod Base For 60" Aluminum Lightning Protection Terminal	169.31	60.47
13 46 13 00-0033	EA	Intermediate Base For Aluminum Lightning Protection Terminal	97.98	36.29
13 46 13 00-0034		Connectors *(13 46 13 00-0001)*		
13 46 13 00-0035		Copper Cable Connectors *(13 46 13 00-0034)*		
13 46 13 00-0036	EA	Thru Wall Cable Connector For Copper Lightning Protection System	191.55	60.47
13 46 13 00-0037	EA	Thru Roof Adapter Assembly For Copper Lightning Protection System	260.37	96.76
13 46 13 00-0038	EA	Beam Connector For Copper Lightning Protection System	170.91	60.47
13 46 13 00-0039	EA	Double Bolt Cable Connector For Copper Lightning Protection System	41.03	12.10
13 46 13 00-0040	EA	Cable To Bar Connector For Copper Lightning Protection System	42.15	12.10
13 46 13 00-0041	EA	Tee Connector For Copper Lightning Protection Terminal	128.00	36.29
13 46 13 00-0042		Aluminum Cable Connectors *(13 46 13 00-0034)*		
13 46 13 00-0043	EA	Thru Wall Cable Connector For Aluminum Lightning Protection System	199.29	60.47
13 46 13 00-0044	EA	Thru Roof Adapter Assembly For Aluminum Lightning Protection System	278.40	96.76
13 46 13 00-0045	EA	Beam Connector For Aluminum Lightning Protection System	184.46	60.47
13 46 13 00-0046	EA	Double Bolt Cable Connector For Aluminum Lightning Protection System	44.75	12.10
13 46 13 00-0047	EA	Tee Connector For Aluminum Lightning Protection Terminal	132.18	36.29
13 46 13 00-0048		Bonding Plates *(13 46 13 00-0001)*		
13 46 13 00-0049		Copper Bonding Plates *(13 46 13 00-0048)*		
13 46 13 00-0050	EA	8" Square I Beam Bonding Plate For Copper Lightning Protection System	150.97	60.47
13 46 13 00-0051	EA	8" Square Purlin Bonding Plate For Copper Lightning Protection System	156.08	60.47
13 46 13 00-0052	EA	16" Square Bonding Plate For Copper Lightning Protection System	229.57	96.76
13 46 13 00-0053		Aluminum Bonding Plates *(13 46 13 00-0048)*		
13 46 13 00-0054	EA	8" Square I Beam Bonding Plate For Aluminum Lightning Protection System	152.31	60.47
13 46 13 00-0055	EA	8" Square Purlin Bonding Plate For Aluminum Lightning Protection System	160.22	60.47
13 46 13 00-0056	EA	16" Square Bonding Plate For Aluminum Lightning Protection System	229.70	96.76
13 46 13 00-0057		Cable Supports *(13 46 13 00-0001)*		
13 46 13 00-0058		Copper Cable Supports *(13 46 13 00-0057)*		
13 46 13 00-0059	EA	Loop Fastener, Copper Cable Supports For Lightning Protection System	27.70	12.10
13 46 13 00-0060	EA	Adhesive Cable Holder, Copper Cable Support For Lightning Protection System	28.25	12.10
13 46 13 00-0061		Aluminum Cable Supports *(13 46 13 00-0057)*		
13 46 13 00-0062	EA	Loop Fastener, Aluminum Cable Supports For Lightning Protection System	27.26	12.10
13 46 13 00-0063	EA	Adhesive Cable Holder, Aluminum Cable Support For Lightning Protection System	27.08	12.10
13 46 13 00-0064		Bonding Straps *(13 46 13 00-0001)*		
13 46 13 00-0065		Copper Bonding Straps *(13 46 13 00-0064)*		
13 46 13 00-0066	EA	3/4" x 9-1/2" Flex Braided Strap For Copper Lightning Protection System	79.61	36.29
13 46 13 00-0067		Aluminum Bonding Straps *(13 46 13 00-0064)*		
13 46 13 00-0068	EA	3/4" x 9-1/2" Flex Braided Strap For Aluminum Lightning Protection System	81.17	36.29
13 46 13 00-0069		Accessories For Lightning Protection *(13 46 13 00-0001)*		
		See CSI section 26 05 26 00-0001 for conductors straps and conduit jumpers.		
13 46 13 00-0070		Copper Adapters *(13 46 13 00-0069)*		
13 46 13 00-0071	EA	Swivel Adapters For Copper Lightning Protection System	31.09	6.04
13 46 13 00-0072		Aluminum Adapters *(13 46 13 00-0069)*		
13 46 13 00-0073	EA	Swivel Adapters For Aluminum Lightning Protection System	39.71	6.04
13 46 13 00-0074	EA	Floor Ground Receptacle For Aluminum Lightning Protection System	193.68	60.47

13 47 Facility Protection *(13 40)*

13 47 13 Cathodic Protection *(13 47)*

13 47 13 13 Cathodic Protection for Underground and Submerged Piping *(13 47 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 47 13 13-0001		**Anodes** *(13 47 13 13)*		
13 47 13 13-0002		**Magnesium Type, Conventional** *(13 47 13 13-0001)*		
13 47 13 13-0003	EA	9 LB Magnesium Type Anodes	391.81	173.11
13 47 13 13-0004	EA	17 LB Magnesium Type Anodes	580.14	250.20
13 47 13 13-0005	EA	32 LB Magnesium Type Anode	788.65	321.89
13 47 13 13-0006	EA	48 LB Magnesium Type Anode	1,121.61	450.36
13 47 13 13-0007		**Graphite Type** *(13 47 13 13-0001)* Note: Includes epoxy cap.		
13 47 13 13-0008	EA	3" x 60" (32 LB) Graphite Type Anodes With Epoxy Cap	587.73	245.32
13 47 13 13-0009	EA	4" x 80" (68 LB) Graphite Type Anodes With Epoxy Cap	909.60	342.56
13 47 13 13-0010	EA	6" x 36" (45 LB) Graphite Type Anodes With Epoxy Cap	677.51	214.38
13 47 13 13-0011	EA	6" x 72" (80 LB) Graphite Type Anodes With Epoxy Cap	1,031.47	286.21
13 47 13 13-0012		**Rectifiers** *(13 47 13 13)*		
13 47 13 13-0013		**Air Cooled, Silicon Type** *(13 47 13 13-0012)*		
13 47 13 13-0014	EA	Air Cooled Rectifiers, 28 Volt, 10 Amperes, Silicon Type	2,051.91	348.34
13 47 13 13-0015	EA	Air Cooled Rectifiers, 20 Volt / 20 Amperes, Silicon Type	2,221.01	348.34
13 47 13 13-0016		**Oil Immersed, Silicon Type** *(13 47 13 13-0012)*		
13 47 13 13-0017	EA	Oil Immersed Rectifiers, 28 Volt, 10 Amperes, Silicon Type	3,099.20	402.77
13 47 13 13-0018	EA	Oil Immersed Rectifiers, 20 Volt / 20 Amperes, Silicon Type	3,280.37	402.77
13 47 13 13-0019		**Anode Backfill** *(13 47 13 13)*		
13 47 13 13-0020	LB	Anode Backfill, Coke Breeze	1.15	0.44
13 47 13 13-0021		**Cathodic Protection Cable** *(13 47 13 13)*		
13 47 13 13-0022	MLF	Cathodic Protection Cable, OR2 - No 8	2,228.63	857.51
13 47 13 13-0023	MLF	Cathodic Protection Cable, OR2 - No 6	2,456.24	857.51
13 47 13 13-0024	MLF	Cathodic Protection Cable, OR2 - No 4	2,797.66	857.51
13 47 13 13-0025	MLF	Cathodic Protection Cable, OR2 - No 2	3,366.70	857.51
13 47 13 13-0026	MLF	Cathodic Protection Cable, OR2 - No 1	4,162.40	944.81
13 47 13 13-0027	MLF	Cathodic Protection Cable, OR2-No 1/0	4,589.17	944.81
13 47 13 13-0028	MLF	Cathodic Protection Cable, OR2-No 2/0	5,300.46	944.81
13 47 13 13-0029	MLF	Cathodic Protection Cable, OR2-No 4/0	7,177.00	1,029.90
13 47 13 13-0030		**Cathodic Test Stations** *(13 47 13 13)*		
13 47 13 13-0031		**Flush Curb Box Type With Lockable Cover And Terminal Box** *(13 47 13 13-0030)*		
13 47 13 13-0032	EA	Cathodic Test Station, Flush Curb Type With Lockable Cover	298.07	100.39

13 47 13 16 Cathodic Protection for Underground Storage Tanks *(13 47 13)*

See CSI section 13 47 13 13-0000 for cathodic protection for tanks.

13 48 Sound, Vibration, and Seismic Control *(13 40)*

13 48 63 Fabricated Seismic Control Assemblies *(13 48)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 48 63 00-0001		**Seismic Restraints** *(13 48 63)*		
13 48 63 00-0002	EA	1" x 1" Seismic Fastener, Gray, Drilled With 0.187 Diameter Hole Note: Adhesive applied.	4.93	1.01
13 48 63 00-0003	EA	1" x 1" Seismic Fastener, Gray, Adhesive Applied	3.93	0.50
13 48 63 00-0004	EA	1" x 2" Seismic Fastener, Gray, Drilled With (2) 0.187 Diameter Hole Note: Adhesive applied.	6.47	1.26
13 48 63 00-0005	EA	1" x 2" Seismic Fastener, Gray, Adhesive Applied	5.02	0.62
13 48 63 00-0006	EA	2" x 2" Seismic Fastener, Gray, Adhesive Applied	6.37	0.73
13 48 63 00-0007	EA	2" x 3" Seismic Fastener, Gray, Adhesive Applied	10.84	0.89
13 48 63 00-0008	LF	3/4" Wide Seismic Strap, Gray	4.47	0.76
13 48 63 00-0009	LF	1" Wide Seismic Strap, Gray	6.70	0.76
13 48 63 00-0010	EA	3/4" Wide x 4" Long Seismic Strap, Gray	2.11	0.50
13 48 63 00-0011	EA	3/4" Wide x 12" Long Seismic Strap, Gray	9.76	1.51
13 48 63 00-0012	LF	Seismic Chord, Black	2.57	0.76
13 48 63 00-0013	LF	SAFELOK Seismic Fastener, Black	3.51	0.76
13 48 63 00-0014		**ISAT Seismic Restraint Kits** *(13 48 63)* Note: Pipe/Conduit restraint kit includes hanger, pipe clamp, channel, threaded rod, washers, nuts, bracket, brace arm and deck anchors. Trapeze rack restraint kits include Unistrut, channel, threaded rod, washers, nuts, bracket, brace arm and deck anchors.		
13 48 63 00-0015		**Trapeze Rack Restraints** *(13 48 63 00-0014)*		
13 48 63 00-0016	EA	1-Way Rigid Seismic Brace, ISAT Kit Number 1R3-N4-TR	211.93	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 48 63 00-0017	EA	3-Way Rigid Seismic Brace, ISAT Kit Number 3R3-N4-TR	466.66	
13 48 63 00-0018	EA	4-Way Rigid Seismic Brace, ISAT Kit Number 4R3-N4-TR	590.01	
13 48 63 00-0019	EA	2-Way Rigid Seismic Brace, ISAT Kit Number 2R7-N5-TR	343.32	
13 48 63 00-0020	EA	2-Way Rigid Seismic Brace, ISAT Kit Number 2R7-N7-TR	347.58	
13 48 63 00-0021	EA	1-Way Rigid Seismic Brace, ISAT Kit Number 1R7-N4-TR	211.93	
13 48 63 00-0022	EA	4-Way Rigid Seismic Brace, ISAT Kit Number 4R10-N8-TR	598.52	
13 48 63 00-0023	EA	3-Way Rigid Seismic Brace, ISAT Kit Number 3R7-N4-TR	466.66	
13 48 63 00-0024		**Single Hung Pipe Restraints** *(13 48 63 00-0014)*		
13 48 63 00-0025	EA	1-Way Rigid Seismic Brace For 1" Pipe, ISAT Kit Number 1R1-N4-1"-SH	185.35	
13 48 63 00-0026	EA	2-Way Rigid Seismic Brace For 1" Pipe, ISAT Kit Number 1R1-N4-1"-SH	297.06	
13 48 63 00-0027	EA	1-Way Rigid Seismic Brace For 1.25" Pipe, ISAT Kit Number 1R1-N4-1.25"-SH	196.87	
13 48 63 00-0028	EA	2-Way Rigid Seismic Brace For 1.25" Pipe, ISAT Kit Number 1R1-N4-1.25"-SH	308.57	
13 48 63 00-0029	EA	1-Way Rigid Seismic Brace For 1.5" Pipe, ISAT Kit Number 1R1-N4-1.5"-SH	207.01	
13 48 63 00-0030	EA	2-Way Rigid Seismic Brace For 1.5" Pipe, ISAT Kit Number 1R1-N4-1.5"-SH	318.72	
13 48 63 00-0031	EA	1-Way Rigid Seismic Brace For 2" Pipe, ISAT Kit Number 1R1-N4-2"-SH	219.53	
13 48 63 00-0032	EA	2-Way Rigid Seismic Brace For 2" Pipe, ISAT Kit Number 1R1-N4-2"-SH	331.23	
13 48 63 00-0033	EA	1-Way Rigid Seismic Brace For 2.5" Pipe, ISAT Kit Number 1R3-N4-2.5"-SH	235.86	
13 48 63 00-0034	EA	2-Way Rigid Seismic Brace For 2.5" Pipe, ISAT Kit Number 2R3-N4-2.5"-SH	347.57	
13 48 63 00-0035	EA	1-Way Rigid Seismic Brace For 3" Pipe, ISAT Kit Number 1R3-N4-3"-SH	247.88	
13 48 63 00-0036	EA	2-Way Rigid Seismic Brace For 3" Pipe, ISAT Kit Number 2R3-N4-3"-SH	359.59	
13 48 63 00-0037	EA	1-Way Rigid Seismic Brace For 4" Pipe, ISAT Kit Number 1R7-N4-4"-SH	268.48	
13 48 63 00-0038	EA	1-Way Rigid Seismic Brace For 4" Pipe, ISAT Kit Number 1R7-N7-4"-SH	270.60	
13 48 63 00-0039	EA	2-Way Rigid Seismic Brace For 4" Pipe, ISAT Kit Number 2R7-N7-4"-SH	384.43	
13 48 63 00-0040	EA	1-Way Rigid Seismic Brace For 6" Pipe, ISAT Kit Number 1R11-N7-6"-SH	312.92	
13 48 63 00-0041	EA	1-Way Rigid Seismic Brace For 6" Pipe, ISAT Kit Number 1R11-N8-6"-SH	315.04	
13 48 63 00-0042	EA	2-Way Rigid Seismic Brace For 6" Pipe, ISAT Kit Number 2R11-N8-6"-SH	428.87	
13 48 63 00-0043	EA	1-Way Rigid Seismic Brace For 8" Pipe, ISAT Kit Number 1R17-N5-8"-SH	338.21	
13 48 63 00-0044	EA	1-Way Rigid Seismic Brace For 8" Pipe, ISAT Kit Number 1R19-N8-8"-SH	340.33	
13 48 63 00-0045	EA	2-Way Rigid Seismic Brace For 8" Pipe, ISAT Kit Number 2R19-N8-8"-SH	454.16	
13 48 63 00-0046		**Single Hung Cast Iron Pipe Restraints** *(13 48 63 00-0014)*		
13 48 63 00-0047	EA	1-Way Rigid Seismic Brace For 2.5" Pipe, ISAT Kit Number 1R3-N4-2.5"-CI	235.86	
13 48 63 00-0048	EA	2-Way Rigid Seismic Brace For 2.5" Pipe, ISAT Kit Number 2R3-N4-2.5"-CI	347.57	
13 48 63 00-0049	EA	1-Way Rigid Seismic Brace For 3" Pipe, ISAT Kit Number 1R3-N4-3"-CI	247.88	
13 48 63 00-0050	EA	2-Way Rigid Seismic Brace For 3" Pipe, ISAT Kit Number 2R3-N4-3"-CI	359.59	
13 48 63 00-0051	EA	1-Way Rigid Seismic Brace For 4" Pipe, ISAT Kit Number 1R7-N4-4"-CI	268.48	
13 48 63 00-0052	EA	2-Way Rigid Seismic Brace For 4" Pipe, ISAT Kit Number 2R7-N4-4"-CI	378.15	
13 48 63 00-0053	EA	1-Way Rigid Seismic Brace For 6" Pipe, ISAT Kit Number 1R11-N4-6"-CI	312.92	
13 48 63 00-0054	EA	2-Way Rigid Seismic Brace For 6" Pipe, ISAT Kit Number 2R11-N4-6"-SH	428.87	
13 48 63 00-0055		**Single Hung Rigid Conduit Restraints** *(13 48 63 00-0014)*		
13 48 63 00-0056	EA	1-Way Rigid Seismic Brace For 3" Conduit, ISAT Kit Number 1R3-N4-3"-SC	247.88	
13 48 63 00-0057	EA	2-Way Rigid Seismic Brace For 3" Conduit, ISAT Kit Number 2R3-N4-3"-SC	359.59	
13 48 63 00-0058		**Seismic Bracing Assembly** *(13 48 63)*		
13 48 63 00-0059	EA	4-Bolt Deck Anchor Connection For Seismic Brace Note: Includes drilling into concrete, bolts, anchor plate, seismic bracket attached with bolt, nut and washer.	150.23	
13 48 63 00-0060	EA	2 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	144.80	
13 48 63 00-0061	EA	3 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	217.12	
13 48 63 00-0062	EA	4 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	281.82	
13 48 63 00-0063	EA	2 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	320.02	
13 48 63 00-0064	EA	3 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	476.15	
13 48 63 00-0065	EA	4 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	632.27	
13 48 63 00-0066	EA	2 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	172.53	
13 48 63 00-0067	EA	3 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	254.91	
13 48 63 00-0068	EA	4 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	337.29	
13 48 63 00-0069		**Seismic Brace Components** *(13 48 63)*		
13 48 63 00-0070	EA	1/8" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-1) Note: To be used with 7x19 stranded cable.	31.53	
13 48 63 00-0071	EA	3/16" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-2) Note: To be used with 7x19 stranded cable.	44.17	
13 48 63 00-0072	EA	1/4" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-3) Note: To be used with 7x19 stranded cable.	59.35	
13 48 63 00-0073	EA	3/8" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-4) Note: To be used with 7x19 stranded cable.	82.09	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 48 63 00-0074	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-1) Note: To be used with angle or channel.	29.46	
13 48 63 00-0075	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-2) Note: To be used with angle or channel.	40.59	
13 48 63 00-0076	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-3) Note: To be used with angle or channel.	54.10	
13 48 63 00-0077	EA	Seismic Solid Brace Swivel Anchor (Mason SSB-4) Note: To be used with angle or channel.	73.98	
13 48 63 00-0078	EA	1/8" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-1) Note: To be used with 7x19 stranded cable.	36.22	
13 48 63 00-0079	EA	3/16" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-2) Note: To be used with 7x19 stranded cable.	48.54	
13 48 63 00-0080	EA	1/4" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-3) Note: To be used with 7x19 stranded cable.	68.41	
13 48 63 00-0081	EA	1/8" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-1) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	65.23	
13 48 63 00-0082	EA	3/16" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-2) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	92.66	
13 48 63 00-0083	EA	1/4" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-3) Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	127.24	
13 48 63 00-0084	EA	Seismic Rod Clamp (Mason SRC-1) Note: To be used on 3/8" through 5/8" rod. 1" x 1" x 1/4" Angle or Stiffener not included.	27.21	
13 48 63 00-0085	EA	Seismic Rod Clamp (Mason SRC-1 1/2) Note: To be used on 3/8" through 1" rod. 1-1/2" x 1-1/2" x 1/4" Angle or Stiffener not included.	33.57	
13 48 63 00-0086	EA	Seismic Rod Clamp (Mason SRC-2) Note: To be used on 3/8" through 1-1/4" rod. 2" x 2" x 1/4" Angle or Stiffener not included.	42.31	

13 49 Radiation Protection *(13 40)*

13 49 13 Integrated X-Ray Shielding Assemblies *(13 49)*

13 49 13 00-0001 Lead Shielding *(13 49 13)*
See CSI section 09 29 10 00-0036 for finishing tasks.

13 49 13 00-0002	SF	1/16" Sheet Lead Shielding	45.37	6.04
13 49 13 00-0003	SF	1/8" Sheet Lead Shielding	79.68	6.53
13 49 13 00-0004	SF	1/4" Sheet Lead Shielding	145.10	7.03
13 49 13 00-0005	SF	1/2" Sheet Lead Shielding	280.06	9.05

13 49 16 Modular X-Ray Shielding Rooms *(13 49)*

13 49 16 00-0001 X-Ray Barriers, Modular *(13 49 16)*
Note: Panels mounted within framework for attaching to floor, wall or ceiling, upper portion is clear lead plastic window panels 48" high, lower portion is opaque leaded steel panels 36" high. Excludes structural supports.

13 49 16 00-0002 36" Wide x 84" High, 1-Section Barrier, Modular X-Ray Barriers *(13 49 16 00-0001)*

13 49 16 00-0003	EA	0.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	8,856.52	130.41
13 49 16 00-0004	EA	0.8mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	9,407.53	130.41
13 49 16 00-0005	EA	1.0mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	9,680.10	156.50
13 49 16 00-0006	EA	1.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	10,341.31	156.50

13 49 16 00-0007 72" Wide x 84" High, 2-Section Barrier, Modular X-Ray Barriers *(13 49 16 00-0001)*

13 49 16 00-0008	EA	0.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	19,041.33	208.67
13 49 16 00-0009	EA	0.8mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	19,812.74	208.67
13 49 16 00-0010	EA	1.0mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	20,415.96	234.75
13 49 16 00-0011	EA	1.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	22,010.91	260.83

13 49 16 00-0012 108" Wide x 84" High, 3-Section Barrier, Modular X-Ray Barriers *(13 49 16 00-0001)*

13 49 16 00-0013	EA	0.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	28,953.58	260.83
13 49 16 00-0014	EA	0.8mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	30,386.20	260.83
13 49 16 00-0015	EA	1.0mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	31,041.53	313.00
13 49 16 00-0016	EA	1.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	33,297.64	339.08

13 49 16 00-0017 X-Ray Barriers, Mobile *(13 49 16)*
Note: Mounted within framework with casters on bottom, clear lead plastic window panels on upper portion, opaque on lower.

13 49 16 00-0018 30" Wide x 75" High, Mobile X-Ray Barriers *(13 49 16 00-0017)*
Note: Includes Framework

13 49 16 00-0019	EA	24" H Upper With 0.5mm LE, 48" H Lower With 0.8mm LE Mobile X-Ray Barriers	6,111.33	25.13

13 49 16 00-0020 48" Wide x 75" High, Mobile X-Ray Barriers *(13 49 16 00-0017)*
Note: Includes Framework

13 49 16 00-0021	EA	36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	10,849.98	25.13
13 49 16 00-0022	EA	36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	13,054.00	25.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 49 16 00-0023		72" Wide x 75" High, Mobile X-Ray Barriers *(13 49 16 00-0017)* Note: Includes Framework		
13 49 16 00-0024	EA	36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	12,833.60	25.13
13 49 16 00-0025	EA	36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	16,249.84	25.13

13 49 19 Lead-Lined Materials *(13 49)*

13 49 19 16 Lead-Lined Drywall *(13 49 19)*

13 49 19 16-0001		Lead Lined Drywall *(13 49 19 16)* See CSI section 09 29 10 00-0036 for finishing tasks.		
13 49 19 16-0002	SF	1/32" Lead Lined 5/8" Fire Rated Drywall	25.54	1.32
13 49 19 16-0003	SF	1/16" Lead Lined 5/8" Fire Rated Drywall	45.70	1.58
13 49 19 16-0004	SF	1/8" Lead Lined 5/8" Fire Rated Drywall	84.70	1.90

END OF SECTION 13

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

14 Conveying Equipment

14 01 Operation and Maintenance of Conveying Equipment *(14)*

14 01 20 Operation and Maintenance of Elevators *(14 01)*

14 01 20 71 Elevator Rehabilitation *(14 01 20)*

14 01 20 71-0001 Elevator Maintenance *(14 01 20 71)*

14 01 20 71-0002	EA	Regular Routine Elevator Inspection, Traction Up to 10 floors (Sufficient for Issue of Certificate/Permit)	507.88	
14 01 20 71-0003	EA	Regular Routine Elevator Inspection, Traction Over 10 floors (Sufficient for Issue of Certificate/Permit)	677.17	
14 01 20 71-0004	EA	Regular Routine Elevator Inspection, Hydraulic (Sufficient for Issue of Certificate/Permit)	423.23	
14 01 20 71-0005	EA	Regular Routine Elevator Inspection, Roped Hydraulic (Sufficient for Issue of Certificate/Permit)	423.23	
14 01 20 71-0006	EA	Regular Routine Elevator Inspection, Dumbwaiter/Cart Lifts (Sufficient for Issue of Certificate/Permit)	253.94	
14 01 20 71-0007	HR	Elevator Servicing - Hydraulic, Labor Only	166.38	
14 01 20 71-0008	HR	Elevator Servicing - Traction, Labor Only	207.97	
14 01 20 71-0009	EA	Annual Category 1 Test for Traction Up to 10 floors	1,209.58	
14 01 20 71-0010	EA	Annual Category 1 Test for Traction Over 10 floors	1,511.97	
14 01 20 71-0011	EA	Annual Category 1 Test for Hydraulic Elevator	604.78	
14 01 20 71-0012	EA	Annual Category 1 Test for Roped Hydraulic Elevator	1,360.78	
14 01 20 71-0013	EA	Annual Category 1 Test for Dumbwaiter/Cart Lifts	907.19	
14 01 20 71-0014	EA	Full Load Test for Traction Up to 10 floors	2,116.77	
14 01 20 71-0015	EA	Full Load Test for Traction Over 10 floors	2,419.16	
14 01 20 71-0016	EA	Full Load Test for Hydraulic Elevator	1,814.36	
14 01 20 71-0017	EA	Full Load Test for Roped Hydraulic Elevator	2,267.96	
14 01 20 71-0018	EA	Full Load Test for Dumbwaiter/Cart Lifts	1,209.58	
14 01 20 71-0019	EA	Acceptance Test for Traction Up to 10 floors	1,905.46	
14 01 20 71-0020	EA	Acceptance Test for Traction Over 10 floors	2,143.65	
14 01 20 71-0021	EA	Acceptance Test for Hydraulic Elevator	1,905.46	
14 01 20 71-0022	EA	Acceptance Test for Roped Hydraulic Elevator	1,905.46	
14 01 20 71-0023	EA	Acceptance Test for Dumbwaiter/Cart Lifts	1,905.46	

14 01 20 71-0024 Elevator Modernization *(14 01 20 71)*

14 01 20 71-0025	EA	5" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM) Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.	36,623.16	7,510.76
		For Union-Guard Cathotic Protection, Add *Note: Includes Pump.*	*8,793.04*	
		For An Additional Stop, Add *Note: Includes Removal.*	*9,292.90*	
14 01 20 71-0026	EA	6" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM) Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.	39,567.12	9,075.50
		For Union-Guard Cathotic Protection, Add *Note: Includes Pump.*	*8,882.95*	
		For An Additional Stop, Add *Note: Includes Removal.*	*9,872.65*	
14 01 20 71-0027	EA	8" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM) Note: Includes replacing existing piston/cylinder, 12 3/4" Sealed PVC, pit channel and buffers.	47,517.21	10,327.29
		For Union-Guard Cathotic Protection, Add *Note: Includes Pump.*	*10,321.51*	
		For An Additional Stop, Add *Note: Includes Removal.*	*12,692.67*	
14 01 20 71-0028	EA	Removal And Replacement Of Hydraulic Control (Maxton) Valve	4,920.49	
14 01 20 71-0029	EA	5 Gallon Container Of Hydraulic Oil For Elevator Modernization	70.78	
14 01 20 71-0030	EA	55 Gallon Container Of Hydraulic Oil For Elevator Modernization	779.05	
14 01 20 71-0031	SET	Car Roller Guide Assembly, Set Of Four Note: Includes cover plate.	3,922.96	625.89
14 01 20 71-0032	SET	CWT Roller Guide Assembly, Set Of Four Note: Includes cover plate.	3,282.08	625.89
14 01 20 71-0033	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Baked Enamel Finish Note: Excludes buildback.	7,035.55	
14 01 20 71-0034	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Satin Stainless Finish Note: Excludes buildback.	7,754.83	
14 01 20 71-0035	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Baked Enamel Finish Note: Excludes buildback.	7,497.69	
14 01 20 71-0036	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Satin Stainless Finish Note: Excludes buildback.	8,216.97	
14 01 20 71-0037	SF	Epoxy Aggregate, Elevator Cab Flooring Note: SF cost not applicable for partial cab flooring.	80.63	17.89
14 01 20 71-0038	SF	Aluminum Diamond Plate, Elevator Cab Flooring Note: SF cost not applicable for partial cab flooring.	67.87	17.89
14 01 20 71-0039	SF	1/8" Thick, Vinyl Composition Tile (VCT), Elevator Cab Flooring	13.20	2.35
14 01 20 71-0040	EA	Solid State Starting (Soft Start)	5,903.77	469.42
14 01 20 71-0041	EA	Pump Unit (Tank, Valve, Oil, Motor And Victaulic Fittings)	18,846.36	2,620.94
14 01 20 71-0042	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Side Slide (GAL Manufacturing)	2,130.88	625.89
14 01 20 71-0043	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Side Slide (GAL Manufacturing)	410.49	156.47
14 01 20 71-0044	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Side Slide (GAL)	393.87	312.95
14 01 20 71-0045	EA	Hoistway Door Interlock Set, Single Speed Side Slide (GAL Manufacturing)	564.07	273.83
14 01 20 71-0046	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Center Opening (GAL Manufacturing)	2,597.90	625.89
14 01 20 71-0047	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Center Opening (GAL Manufacturing)	562.81	289.48

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0048	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Center Opening (GAL)	393.87	312.95
14 01 20 71-0049	EA	Hoistway Door Interlock Set, Single Speed Center Opening (GAL Manufacturing)	699.56	312.95
14 01 20 71-0050	EA	Fire Service Key Switch Controller	3,514.05	625.89
14 01 20 71-0051	EA	ADA Telephone (Rath Microtech)	1,124.86	312.95
14 01 20 71-0052	EA	Car Door Operator With ADA Buzzer, Single Speed Side Slide (GAL Manufacturing)	8,017.11	1,251.79
14 01 20 71-0053	EA	Car Door Operator With ADA Buzzer, Single Speed Center Opening (GAL Manufacturing)	8,700.43	1,251.79
14 01 20 71-0054	EA	Car Door Safety Edge (Infrared Proximity Type Edge)	2,446.94	312.95
14 01 20 71-0055	EA	Car Operating Panel (ADA, Fire, Position, Chime)	8,502.63	1,251.79
14 01 20 71-0056	EA	Car Position LED Indicator And Cover Plate, Stainless Steel	1,839.67	312.95
14 01 20 71-0057	EA	Car Traveling Lanterns With Audible Signal	1,532.26	312.95
14 01 20 71-0058	EA	Hoistway Door Jamb Floor Tags (Braille)	221.21	156.47
14 01 20 71-0059	EA	Lobby Vandal Resistant Call Station	1,433.35	312.95
14 01 20 71-0060	LF	Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) Note: Excludes Removal and Replacement of Material. See CSI section 14 01 20 71-0061 for Removal and Replacement of Traveling Cable.	20.79	
14 01 20 71-0061	EA	Removal And Replacement Of Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) Note: Excludes Traveling Cable material. See CSI section 14 01 20 71-0060 for Traveling Cable material.	5,007.18	2,503.59
14 01 20 71-0062	LF	Governor Cable Note: Removal and Replacement of Governor Cable is part of Traveling Cable Removal and Replacement.	1.62	
14 01 20 71-0063	EA	Elevator Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Plastic Laminate - Hang On Panels	6,146.68	625.89
14 01 20 71-0064	EA	Elevator Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Rigid Stainless Steel - Hang On Panels	9,023.80	625.89
14 01 20 71-0065	EA	Removal And Replacement Of Governor	5,150.41	625.89
14 01 20 71-0066	EA	Removal And Replacement Of Car Station	8,071.06	1,251.79
14 01 20 71-0067	EA	Removal And Replacement Of Telephone	1,667.12	312.95
14 01 20 71-0068	EA	Removal And Replacement Of Hall Lanterns	1,255.26	312.95
14 01 20 71-0069	EA	Hall Call Buttons, Vandal Resistant	985.53	312.95
14 01 20 71-0070	EA	Hall Traveling Lanterns With Audible Signal	1,568.22	312.95
14 01 20 71-0071	EA	Add Raised Character (Braille) Signage To Control Panel	177.51	156.47
14 01 20 71-0072	EA	New Microprocessor Based Controller (Non-Proprietary)	45,093.14	5,007.18
14 01 20 71-0073	EA	New Steel Shell And Canopy (Excludes Plastic Panels), For 5' x 7' Cab	25,492.76	5,007.18
14 01 20 71-0074	EA	New Steel Shell, Canopy And Platform (Excludes Plastic Laminate), For 5' x 7' Cab	39,490.93	5,007.18
14 01 20 71-0075	EA	Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangment), Baked Enamel	3,064.50	
14 01 20 71-0076	EA	Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangment), Baked Enamel	3,262.30	
14 01 20 71-0077	EA	Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangment), Stainless Steel	3,479.89	
14 01 20 71-0078	EA	Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangment), Stainless Steel	3,717.25	
14 01 20 71-0079	EA	Elevator Pit Ladder, Steel Note: Labor cost is for bolting to concrete pit wall.	2,866.70	312.95
14 01 20 71-0080	EA	New Steel Shell, Canopy, Platform, Standard Cab Plastic Laminate, For 5' x 7' Cab	49,187.32	5,007.18
14 01 20 71-0081	LF	Removal And Replacement Of Hoisting Cable, 3/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 4.5, EHS Traction Steel - 5.5 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	115.06	
14 01 20 71-0082	LF	Removal And Replacement Of Hoisting Cable, 1/2" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 6.0, EHS Traction Steel - 9.7 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	122.73	
14 01 20 71-0083	LF	Removal And Replacement Of Hoisting Cable, 5/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 12.7, EHS Traction Steel - 15.4 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	128.00	
14 01 20 71-0084	EA	Hydraulic Leak Detector And Alarm in Elevator Pit (Stancor Oil Minder - 0.5 HP)	9,120.84	625.89
14 01 20 71-0085	EA	6" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	3,496.07	625.89
14 01 20 71-0086	EA	8" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	3,585.98	625.89
14 01 20 71-0087	EA	10" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	3,675.89	625.89
14 01 20 71-0088	EA	12" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	3,783.78	625.89
14 01 20 71-0089	EA	"Rope Gripper" With Pumping Unit For Use On 4-7/8" Maximum Out to Out Of Cable	8,171.39	625.89
14 01 20 71-0090	EA	"Rope Gripper" With Pumping Unit For Use On 6" Maximum Out to Out Of Cable	8,171.39	625.89
14 01 20 71-0091	EA	"Rope Gripper" With Pumping Unit For Use On 10" Maximum Out to Out Of Cable	11,767.79	625.89
14 01 20 71-0092	EA	"Rope Gripper" With Pumping Unit For Use On 11-1/2" Maximum Out to Out Of Cable	13,565.99	625.89
14 01 20 71-0093	EA	60 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	4,605.34	158.42
14 01 20 71-0094	EA	100 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	4,808.80	190.10
14 01 20 71-0095	EA	200 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	6,380.67	221.78
14 01 20 71-0096	EA	Aluminum Handrail Spacers With Set Screw	193.82	156.47
14 01 20 71-0097	EA	Bronze Handrail Spacers With Set Screw	198.80	156.47
14 01 20 71-0098	LF	1/2" x 2" Round Stainless Steel Elevator Handrail	139.27	36.81
14 01 20 71-0099	LF	3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	133.41	36.81
14 01 20 71-0100	LF	3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	160.82	36.81
14 01 20 71-0101	LF	3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	179.37	36.81
14 01 20 71-0102	LF	3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	206.99	36.81
14 01 20 71-0103	LF	3/8" x 2" Flat Bar Bronze Steel Elevator Handrail, Brushed Finish	164.27	36.81
14 01 20 71-0104	LF	3/8" x 3" Flat Bar Bronze Steel Elevator Handrail, Brushed Finish	188.65	36.81
14 01 20 71-0105	LF	3/8" x 2" Flat Bar Bronze Steel Elevator Handrail, Mirror Finish	300.54	36.81
14 01 20 71-0106	LF	3/8" x 3" Flat Bar Bronze Steel Elevator Handrail, Mirror Finish	339.23	36.81
14 01 20 71-0107	LF	3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	132.48	36.81
14 01 20 71-0108	LF	3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	133.97	36.81
14 01 20 71-0109	LF	3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	174.48	36.81
14 01 20 71-0110	LF	3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	162.54	36.81
14 01 20 71-0111	LF	3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	175.27	36.81
14 01 20 71-0112	LF	3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	222.76	36.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0113	LF	3/8" x 1-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	168.58	36.81
14 01 20 71-0114	LF	3/8" x 2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	172.68	36.81
14 01 20 71-0115	LF	3/8" x 2-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	297.62	36.81
14 01 20 71-0116	LF	3/8" x 1-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Mirror Finish	191.03	36.81
14 01 20 71-0117	LF	3/8" x 2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	298.42	36.81
14 01 20 71-0118	LF	3/8" x 2-1/2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	339.23	36.81

14 01 30 Operation and Maintenance of Escalators and Moving Walks *(14 01)*

14 01 30 71 Escalators and Moving Walks Rehabilitation *(14 01 30)*

14 01 30 71-0001 Maintenance *(14 01 30 71)*

14 01 30 71-0002	EA	Regular Escalator Inspection (Sufficient For Issue Of Certificate/Permit)	707.67
14 01 30 71-0003	HR	Escalator Servicing, Labor Only	166.38
14 01 30 71-0004	EA	Acceptance Test Of Escalators And Moving Walks	3,892.18

14 01 30 71-0005 Modernization *(14 01 30 71)*

14 01 30 71-0006	EA	Removal And Replacement Of 28" Wide Escalator Stair Tread	1,828.54
14 01 30 71-0007	EA	Removal And Replacement Of 36" Wide Escalator Stair Tread	1,961.46
14 01 30 71-0008	EA	Removal And Replacement Of 48" Wide Escalator Stair Tread	2,059.67
14 01 30 71-0009	EA	Removal And Replacement Of 54" Wide Escalator Stair Tread	2,222.52
14 01 30 71-0010	LF	Removal And Replacement Of Sliding Handrail	170.94

14 20 Elevators *(14)*

Note: Excludes final electrical work or shaft walls.

14 21 Electric Traction Elevators *(14 20)*

14 21 13 Electric Traction Freight Elevators *(14 21)*

14 21 13 00-0001 Electric Traction Freight Elevators *(14 21 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings with power doors.

14 21 13 00-0002	EA	Electric Traction Freight Elevator, 4,000 LB x 200 FPM, 6 Stops, 6 Openings	371,384.86
		For Each Opening With Bonderized Steel Door, Add	*300.54*
		For Each Opening With Stainless Steel Doors, Add	*751.35*
		For Each Opening With Two Speed Doors, Add	*901.62*
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*
		For Stainless Steel Cab Interior, Add	*9,587.20*
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-1" Loading, Add	*1,996.53*
		For Class "C-2" Loading, Add	*2,396.80*
		For Class "C-3" Loading, Add	*3,278.82*
		For Removal Of Existing Stop, Add	*7,794.44*
		For Each Additional Stop, Add	*36,300.95*
		For Each Floor < 6 Stops, Deduct	*-28,614.53*
		For Each Additional 50 FPM, Add	*7,190.40*
		For Removal Of Existing Elevator, Add	*38,972.19*
14 21 13 00-0003	EA	Electric Traction Freight Elevator, 5,000 LB x 200 FPM, 6 Stops, 6 Openings	397,472.08
		For Each Opening With Bonderized Steel Door, Add	*300.54*
		For Each Opening With Stainless Steel Doors, Add	*751.35*
		For Each Opening With Two Speed Doors, Add	*901.62*
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*
		For Stainless Steel Cab Interior, Add	*9,587.20*
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-1" Loading, Add	*3,993.07*
		For Class "C-2" Loading, Add	*4,793.60*
		For Class "C-3" Loading, Add	*6,643.93*
		For Removal Of Existing Stop, Add	*7,794.44*
		For Each Additional Stop, Add	*36,300.95*
		For Each Floor < 6 Stops, Deduct	*-28,614.53*
		For Each Additional 50 FPM, Add	*7,190.40*
		For Removal Of Existing Elevator, Add	*38,972.19*
14 21 13 00-0004	EA	Electric Traction Freight Elevator, 6,000 LB x 200 FPM, 6 Stops, 6 Openings	424,779.28
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-1" Loading, Add	*3,993.07*
		For Class "C-2" Loading, Add	*4,793.60*
		For Class "C-3" Loading, Add	*6,643.93*
		For Custom Plastic Laminated Cab Interiors, Add	*5,992.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*8,388.80*
		For Stainless Steel Cab Interior, Add	*10,785.60*
		For Removal Of Existing Stop, Add	*7,794.44*
		For Each Additional Stop, Add	*37,499.35*
		For Each Additional 50 FPM, Add	*7,190.40*
		For Each Opening With Bonderized Steel Door, Add	*359.52*
		For Each Opening With Stainless Steel Doors, Add	*719.04*
		For Each Opening With Two Speed Doors, Add	*898.80*
		For Removal Of Existing Elevator, Add	*38,972.19*
		For Each Floor < 6 Stops, Deduct	*-29,614.53*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 13 00-0005	EA	Electric Traction Freight Elevator, 7,000 LB x 200 FPM, 6 Stops, 6 Openings	435,738.65	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*3,993.07*	
		For Class "C-2" Loading, Add	*4,793.60*	
		For Class "C-3" Loading, Add	*6,643.93*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,992.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*8,388.80*	
		For Stainless Steel Cab Interior, Add	*10,785.60*	
		For Removal Of Existing Stop, Add	*7,794.44*	
		For Each Additional Stop, Add	*37,499.35*	
		For Each Additional 50 FPM, Add	*7,190.40*	
		For Each Opening With Bonderized Steel Door, Add	*359.52*	
		For Each Opening With Stainless Steel Doors, Add	*719.04*	
		For Each Opening With Two Speed Doors, Add	*898.80*	
		For Removal Of Existing Elevator, Add	*38,972.19*	
		For Each Floor < 6 Stops, Deduct	*-29,614.53*	
14 21 13 00-0006	EA	Electric Traction Freight Elevator, 8,000 LB x 200 FPM, 6 Stops, 6 Openings	449,136.61	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*15,027.00*	
		For Class "C-1" Loading, Add	*7,988.53*	
		For Class "C-2" Loading, Add	*9,587.20*	
		For Class "C-3" Loading, Add	*13,115.29*	
		For Removal Of Existing Stop, Add	*7,794.44*	
		For Each Additional Stop, Add	*37,499.35*	
		For Each Opening With Bonderized Steel Door, Add	*479.36*	
		For Each Opening With Stainless Steel Doors, Add	*838.88*	
		For Each Opening With Two Speed Doors, Add	*1,018.64*	
		For Custom Plastic Laminated Cab Interiors, Add	*7,190.40*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*9,587.20*	
		For Stainless Steel Cab Interior, Add	*11,984.00*	
		For Removal Of Existing Elevator, Add	*38,972.19*	
		For Each Floor < 6 Stops, Deduct	*-29,614.53*	
14 21 13 00-0007	EA	Electric Traction Freight Elevator, 10,000 LB x 200 FPM, 6 Stops, 6 Openings	464,919.85	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*15,027.00*	
		For Class "C-1" Loading, Add	*7,988.53*	
		For Class "C-2" Loading, Add	*9,587.20*	
		For Class "C-3" Loading, Add	*13,115.29*	
		For Removal Of Existing Stop, Add	*7,794.44*	
		For Each Additional Stop, Add	*37,499.35*	
		For Each Opening With Bonderized Steel Door, Add	*479.36*	
		For Each Opening With Stainless Steel Doors, Add	*838.88*	
		For Each Opening With Two Speed Doors, Add	*1,018.64*	
		For Custom Plastic Laminated Cab Interiors, Add	*7,190.40*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*9,587.20*	
		For Stainless Steel Cab Interior, Add	*11,984.00*	
		For Removal Of Existing Elevator, Add	*38,972.19*	
		For Each Floor < 6 Stops, Deduct	*-29,614.53*	
14 21 13 00-0008	EA	Electric Traction Freight Elevator, 12,000 LB x 200 FPM, 6 Stops, 6 Openings	477,826.43	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*15,027.00*	
		For Class "C-1" Loading, Add	*7,988.53*	
		For Class "C-2" Loading, Add	*9,587.20*	
		For Class "C-3" Loading, Add	*13,115.29*	
		For Removal Of Existing Stop, Add	*7,794.44*	
		For Each Additional Stop, Add	*37,499.35*	
		For Each Opening With Bonderized Steel Door, Add	*479.36*	
		For Each Opening With Stainless Steel Doors, Add	*838.88*	
		For Each Opening With Two Speed Doors, Add	*1,018.64*	
		For Custom Plastic Laminated Cab Interiors, Add	*7,190.40*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*9,587.20*	
		For Stainless Steel Cab Interior, Add	*11,984.00*	
		For Removal Of Existing Elevator, Add	*38,972.19*	
		For Each Floor < 6 Stops, Deduct	*-29,614.53*	

14 21 23 Electric Traction Passenger Elevators *(14 21)*

14 21 23 13 Machine Room Electric Traction Passenger Elevators *(14 21 23)*

14 21 23 13-0001 Electric Traction Passenger Elevators *(14 21 23 13)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings.

14 21 23 13-0002	EA	Electric Traction Passenger Elevator, 2,000 LB x 200 FPM, 6 Stops, 6 Openings	291,649.23	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Each Additional 50 FPM, Add	*6,198.64*	
		For Removal Of Existing Stop, Add	*3,897.22*	
		For Each Additional Stop, Add	*36,300.95*	
		For Each Floor < 6 Stops, Deduct	*-19,743.03*	
		For Removal Of Existing Elevator, Add	*29,229.16*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 23 13-0003	EA	Electric Traction Passenger Elevator, 2,500 LB x 200 FPM, 6 Stops, 6 Openings	299,271.01	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Each Additional 50 FPM, Add	*6,198.64*	
		For Removal Of Existing Stop, Add	*3,897.22*	
		For Each Additional Stop, Add	*36,300.95*	
		For Each Floor < 6 Stops, Deduct	*-19,743.03*	
		For Removal Of Existing Elevator, Add	*29,229.16*	
14 21 23 13-0004	EA	Electric Traction Passenger Elevator, 3,000 LB x 200 FPM, 6 Stops, 6 Openings	304,701.54	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Each Additional 50 FPM, Add	*6,198.64*	
		For Removal Of Existing Stop, Add	*3,897.22*	
		For Each Additional Stop, Add	*36,300.95*	
		For Each Floor < 6 Stops, Deduct	*-19,743.03*	
		For Removal Of Existing Elevator, Add	*29,229.16*	
14 21 23 13-0005	EA	Electric Traction Passenger Elevator, 3,500 LB x 200 FPM, 6 Stops, 6 Openings	308,863.66	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Each Additional 50 FPM, Add	*6,198.64*	
		For Removal Of Existing Stop, Add	*3,897.22*	
		For Each Additional Stop, Add	*36,300.95*	
		For Each Floor < 6 Stops, Deduct	*-19,743.03*	
		For Removal Of Existing Elevator, Add	*29,229.16*	
14 21 23 13-0006	EA	Electric Traction Passenger Elevator, 4,000 LB x 200 FPM, 6 Stops, 6 Openings	313,811.65	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Each Additional 50 FPM, Add	*6,198.64*	
		For Removal Of Existing Stop, Add	*3,897.22*	
		For Each Additional Stop, Add	*36,300.95*	
		For Each Floor < 6 Stops, Deduct	*-19,743.03*	
		For Removal Of Existing Elevator, Add	*29,229.16*	
14 21 23 13-0007	EA	Electric Traction Passenger Elevator, 4,500 LB x 200 FPM, 6 Stops, 6 Openings	319,454.96	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Each Additional 50 FPM, Add	*6,198.64*	
		For Removal Of Existing Stop, Add	*3,897.22*	
		For Each Additional Stop, Add	*36,300.95*	
		For Each Floor < 6 Stops, Deduct	*-19,743.03*	
		For Removal Of Existing Elevator, Add	*29,229.16*	
14 21 23 13-0008	EA	Electric Traction Passenger Elevator, 5,000 LB x 200 FPM, 6 Stops, 6 Openings	325,279.07	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Each Additional 50 FPM, Add	*6,198.64*	
		For Removal Of Existing Stop, Add	*3,897.22*	
		For Each Additional Stop, Add	*36,300.95*	
		For Each Floor < 6 Stops, Deduct	*-19,743.03*	
		For Removal Of Existing Elevator, Add	*29,229.16*	

14 24 Hydraulic Elevators *(14 20)*

Note: Prices are for a complete operating elevator including all standard controls, hydraulic motor and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

14 24 13 Hydraulic Freight Elevators *(14 24)*

14 24 13 00-0001 Hydraulic Freight Elevators *(14 24 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings with power doors.

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0002	EA	Hydraulic Freight Elevator, 3,000 LB x 50 FPM, 3 Stops, 3 Openings	212,105.92	
		For Each Additional Stop, Add	*26,894.80*	
		For 2 Stops, Deduct	*-15,416.55*	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Each Opening With Two Speed Doors, Add	*901.62*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Each Additional 50 FPM, Add	*3,005.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,996.53*	
		For Class "C-2" Loading, Add	*2,396.80*	
		For Class "C-3" Loading, Add	*3,278.82*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*281.72*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*69.03*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*107.86*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,794.44*	
		For Removal Of Existing Elevator, Add	*19,486.10*	
14 24 13 00-0003	EA	Hydraulic Freight Elevator, 3,500 LB x 50 FPM, 3 Stops, 3 Openings	219,110.22	
		For Each Additional Stop, Add	*26,894.80*	
		For 2 Stops, Deduct	*-15,416.55*	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Each Opening With Two Speed Doors, Add	*901.62*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Each Additional 50 FPM, Add	*3,005.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,996.53*	
		For Class "C-2" Loading, Add	*2,396.80*	
		For Class "C-3" Loading, Add	*3,278.82*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*281.72*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*69.03*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*107.86*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,794.44*	
		For Removal Of Existing Elevator, Add	*19,486.10*	
14 24 13 00-0004	EA	Hydraulic Freight Elevator, 4,000 LB x 50 FPM, 3 Stops, 3 Openings	226,078.09	
		For Each Additional Stop, Add	*26,894.80*	
		For 2 Stops, Deduct	*-15,416.55*	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Each Opening With Two Speed Doors, Add	*901.62*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Each Additional 50 FPM, Add	*3,005.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,996.53*	
		For Class "C-2" Loading, Add	*2,396.80*	
		For Class "C-3" Loading, Add	*3,278.82*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*281.72*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*69.03*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*107.86*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,794.44*	
		For Removal Of Existing Elevator, Add	*19,486.10*	
14 24 13 00-0005	EA	Hydraulic Freight Elevator, 5,000 LB x 50 FPM, 3 Stops, 3 Openings	232,820.43	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Each Opening With Two Speed Doors, Add	*901.62*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Each Additional 50 FPM, Add	*3,005.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*28,397.50*	
		For 2 Stops, Deduct	*-16,416.55*	
		For Class "C-1" Loading, Add	*3,993.07*	
		For Class "C-2" Loading, Add	*4,793.60*	
		For Class "C-3" Loading, Add	*6,643.93*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*281.72*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*69.03*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*107.86*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,794.44*	
		For Removal Of Existing Elevator, Add	*19,486.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0006	EA	Hydraulic Freight Elevator, 6,000 LB x 50 FPM, 3 Stops, 3 Openings	246,793.09	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Each Opening With Two Speed Doors, Add	*901.62*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*28,397.50*	
		For 2 Stops, Deduct	*-16,416.55*	
		For Class "C-1" Loading, Add	*3,993.07*	
		For Class "C-2" Loading, Add	*4,793.60*	
		For Class "C-3" Loading, Add	*6,643.93*	
		For Each Additional 50 FPM, Add	*15,027.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,992.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*8,388.80*	
		For Stainless Steel Cab Interior, Add	*10,785.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*281.72*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*69.03*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*107.86*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,794.44*	
		For Removal Of Existing Elevator, Add	*19,486.10*	
14 24 13 00-0007	EA	Hydraulic Freight Elevator, 7,000 LB x 50 FPM, 3 Stops, 3 Openings	253,478.83	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Each Opening With Two Speed Doors, Add	*901.62*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*28,397.50*	
		For 2 Stops, Deduct	*-16,416.55*	
		For Class "C-1" Loading, Add	*3,993.07*	
		For Class "C-2" Loading, Add	*4,793.60*	
		For Class "C-3" Loading, Add	*6,643.93*	
		For Each Additional 50 FPM, Add	*15,027.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,992.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*8,388.80*	
		For Stainless Steel Cab Interior, Add	*10,785.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*281.72*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*69.03*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*107.86*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,794.44*	
		For Removal Of Existing Elevator, Add	*29,229.16*	
14 24 13 00-0008	EA	Hydraulic Freight Elevator, 8,000 LB x 50 FPM, 3 Stops, 3 Openings	263,771.15	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Each Opening With Two Speed Doors, Add	*901.62*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*28,397.50*	
		For 2 Stops, Deduct	*-16,416.55*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,992.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*8,388.80*	
		For Stainless Steel Cab Interior, Add	*10,785.60*	
		For Each Additional 50 FPM, Add	*16,529.70*	
		For Class "C-1" Loading, Add	*9,982.67*	
		For Class "C-2" Loading, Add	*11,984.00*	
		For Class "C-3" Loading, Add	*16,394.11*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*281.72*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*69.03*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*107.86*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,794.44*	
		For Removal Of Existing Elevator, Add	*29,229.16*	
14 24 13 00-0009	EA	Hydraulic Freight Elevator, 10,000 LB x 50 FPM, 3 Stops, 3 Openings	270,861.81	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Each Opening With Two Speed Doors, Add	*901.62*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*28,397.50*	
		For 2 Stops, Deduct	*-16,416.55*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,992.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*8,388.80*	
		For Stainless Steel Cab Interior, Add	*10,785.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*281.72*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*69.03*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*107.86*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,794.44*	
		For Removal Of Existing Elevator, Add	*29,229.16*	
		For Each Additional 50 FPM, Add	*18,032.40*	
		For Class "C-1" Loading, Add	*13,277.07*	
		For Class "C-2" Loading, Add	*15,938.72*	
		For Class "C-3" Loading, Add	*21,803.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0010	EA	Hydraulic Freight Elevator, 12,000 LB x 50 FPM, 3 Stops, 3 Openings	283,527.66	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Each Opening With Two Speed Doors, Add	*901.62*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*28,397.50*	
		For 2 Stops, Deduct	*-16,416.55*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,992.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*8,388.80*	
		For Stainless Steel Cab Interior, Add	*10,785.60*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*281.72*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*69.03*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*107.86*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,794.44*	
		For Removal Of Existing Elevator, Add	*29,229.16*	
		For Each Additional 50 FPM, Add	*18,032.40*	
		For Class "C-1" Loading, Add	*13,277.07*	
		For Class "C-2" Loading, Add	*15,938.72*	
		For Class "C-3" Loading, Add	*21,803.69*	

14 24 13 00-0011 Hydraulic Elevators Piston Drilling *(14 24 13)*

14 24 13 00-0012	VLF	Up To 6" Diameter Piston Drilling	90.13	
		Note: Includes casing.		
14 24 13 00-0013	VLF	8" To 10" Diameter Piston Drilling	107.71	
		Note: Includes casing.		

14 24 23 Hydraulic Passenger Elevators *(14 24)*

14 24 23 00-0001 Hydraulic Passenger Elevators *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings.

14 24 23 00-0002	EA	Hydraulic Passenger Elevator, 2,100 LB x 100 FPM, 3 Stops, 3 Openings	153,226.37	
		For Each Additional Stop, Add	*26,894.80*	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*281.72*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*69.03*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*107.86*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*6,198.64*	
		For Removal Of Existing Elevator, Add	*19,486.10*	
		For Removal Of Existing Stop, Add	*3,897.22*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0003	EA	Hydraulic Passenger Elevator, 2,500 LB x 100 FPM, 3 Stops, 3 Openings	156,231.77	
		For Each Additional Stop, Add	*26,894.80*	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*281.72*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*69.03*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*107.86*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*6,198.64*	
		For Removal Of Existing Elevator, Add	*19,486.10*	
		For Removal Of Existing Stop, Add	*3,897.22*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0004	EA	Hydraulic Passenger Elevator, 3,000 LB x 100 FPM, 3 Stops, 3 Openings	158,297.98	
		For Each Additional Stop, Add	*26,894.80*	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*281.72*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*69.03*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*107.86*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*6,198.64*	
		For Removal Of Existing Elevator, Add	*19,486.10*	
		For Removal Of Existing Stop, Add	*3,897.22*	
		For 2 Stops, Deduct	*-10,000.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0005	EA	Hydraulic Passenger Elevator, 3,500 LB x 100 FPM, 3 Stops, 3 Openings	165,696.32	
		For Each Additional Stop, Add	*26,894.80*	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*281.72*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*69.03*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*107.86*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*6,198.64*	
		For Removal Of Existing Elevator, Add	*19,486.10*	
		For Removal Of Existing Stop, Add	*3,897.22*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0006	EA	Hydraulic Passenger Elevator, 4,000 LB x 100 FPM, 3 Stops, 3 Openings	168,757.17	
		For Each Additional Stop, Add	*26,894.80*	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*281.72*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*69.03*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*107.86*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*6,198.64*	
		For Removal Of Existing Elevator, Add	*19,486.10*	
		For Removal Of Existing Stop, Add	*3,897.22*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0007	EA	Hydraulic Passenger Elevator, 4,500 LB x 100 FPM, 3 Stops, 3 Openings	173,152.57	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Each Additional Stop, Add	*28,397.50*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*281.72*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*69.03*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*107.86*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*6,198.64*	
		For Removal Of Existing Elevator, Add	*19,486.10*	
		For Removal Of Existing Stop, Add	*3,897.22*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0008	EA	Hydraulic Passenger Elevator, 5,000 LB x 100 FPM, 3 Stops, 3 Openings	177,151.35	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Each Opening With Two Speed Doors, Add	*901.62*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,793.60*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,190.40*	
		For Stainless Steel Cab Interior, Add	*9,587.20*	
		For Each Additional Stop, Add	*28,397.50*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*281.72*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*69.03*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*107.86*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*6,198.64*	
		For Removal Of Existing Elevator, Add	*19,486.10*	
		For Removal Of Existing Stop, Add	*3,897.22*	
		For 2 Stops, Deduct	*-10,000.00*	

14 24 23 00-0009 Twin Holeless Hydraulic Passenger Elevator *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 2 stops (10 feet floor to floor) and 2 openings.

14 24 23 00-0010	EA	Twin Holeless Hydraulic Passenger Elevator, 2,100 LB x 100 FPM	133,402.98	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,194.40*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,992.00*	
		For Stainless Steel Cab Interior, Add	*7,190.40*	
		For Removal Of Existing Elevator, Add	*19,486.10*	
		For Each Additional Stop, Add	*28,328.52*	
		For An Additional 25 FPM, Add	*2,532.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0011	EA	Twin Holeless Hydraulic Passenger Elevator, 2,500 LB x 100 FPM	138,508.40	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,194.40*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,992.00*	
		For Stainless Steel Cab Interior, Add	*7,190.40*	
		For Removal Of Existing Elevator, Add	*19,486.10*	
		For Each Additional Stop, Add	*28,328.52*	
		For An Additional 25 FPM, Add	*2,532.05*	
14 24 23 00-0012	EA	Twin Holeless Hydraulic Passenger Elevator, 3,000 LB x 100 FPM	143,405.51	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,194.40*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,992.00*	
		For Stainless Steel Cab Interior, Add	*7,190.40*	
		For Removal Of Existing Elevator, Add	*19,486.10*	
		For Each Additional Stop, Add	*28,328.52*	
		For An Additional 25 FPM, Add	*2,532.05*	
14 24 23 00-0013	EA	Twin Holeless Hydraulic Passenger Elevator, 3,500 LB x 100 FPM	167,466.56	
		For Each Opening With Bonderized Steel Door, Add	*300.54*	
		For Each Opening With Stainless Steel Doors, Add	*751.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,194.40*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,992.00*	
		For Stainless Steel Cab Interior, Add	*7,190.40*	
		For Removal Of Existing Elevator, Add	*19,486.10*	
		For Each Additional Stop, Add	*28,328.52*	
		For An Additional 25 FPM, Add	*2,532.05*	

14 26 Limited-Use/Limited-Application Elevators *(14 20)*

14 26 00 00-0001 Small Elevators (LULA) *(14 26)*

14 26 00 00-0002	EA	Small Elevators (LULA), 1,400 LB x 30 FPM, 2 Stops, 2 Openings Note: 3 phase, automatic operation, includes cab interior, telephone box and telephone. 2 stops and 12 feet of rise.	86,837.47	
		For Each Additional Stop, Add	*19,039.40*	
		For Removal Of Existing Elevator, Add	*5,845.83*	

14 27 Custom Elevator Cabs and Doors *(14 20)*

14 27 13 Custom Elevator Cab Finishes *(14 27)*

14 27 13 00-0001 Custom Elevator Cab Finish Options *(14 27 13)*

Note: Review elevator task modifiers for addtional cab finishes.

14 27 13 00-0002	EA	Intercom Service	1,375.85	

14 27 13 00-0003 Custom Elevator Hall Finish Options *(14 27 13)*

14 27 13 00-0004	EA	Stainless Steel Door, Hall Finishes	1,911.01	
14 27 13 00-0005	EA	Stainless Steel Frames, Hall Finishes	2,008.18	
14 27 13 00-0006	EA	Hall Lantern, Signal Devices	943.51	

14 27 16 Custom Elevator Doors *(14 27)*

14 27 16 00-0001 Custom Elevator Door Options *(14 27 16)*

14 27 16 00-0002	EA	Center Opening, 1 Speed Doors	3,663.89	
14 27 16 00-0003	EA	Center Opening, 2 Speed Doors	4,765.15	
14 27 16 00-0004	EA	Rear Opening Doors (Opposite Front)	6,740.94	
14 27 16 00-0005	EA	Side Opening, 2 Speed Doors	10,854.47	
14 27 16 00-0006	EA	Bi-Parting Doors	11,053.59	
14 27 16 00-0007	EA	Power Operated Door And Gate	35,605.21	

14 28 Elevator Equipment and Controls *(14 20)*

14 28 16 Elevator Controls *(14 28)*

14 28 16 00-0001 Passanger Or Freight Elevator Options *(14 28 16)*

14 28 16 00-0002	EA	2 Car Group, Elevator Automatic Controls	8,464.81	949.02
14 28 16 00-0003	EA	3 Car Group, Elevator Automatic Controls	12,833.13	1,422.51
14 28 16 00-0004	EA	4 Car Group, Elevator Automatic Controls	20,063.57	1,896.66
14 28 16 00-0005	EA	5 Car Group, Elevator Automatic Controls	28,409.77	2,407.27
14 28 16 00-0006	EA	6 Car Group, Elevator Automatic Controls	39,980.88	2,844.98
14 28 16 00-0007	EA	Duplex Care Selective Collective	8,138.49	
14 28 16 00-0008	EA	Automatic Emergency Power Switching	4,607.98	
14 28 16 00-0009	EA	Manual Emergency Power Switching	937.04	
14 28 16 00-0010	EA	Up To 3, Position Indicator, Signal Devices	220.30	
14 28 16 00-0011	EA	>3, Position Indicator, Signal Devices	184.05	
14 28 16 00-0012	EA	High Speed Heavy Duty Door Opener	3,562.90	
14 28 16 00-0013	EA	Variable Voltage, Overhead Gearless Machine, Minimum	56,762.75	
14 28 16 00-0014	EA	Variable Voltage, Overhead Gearless Machine, Average	92,609.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 28 16 00-0015	EA	Variable Voltage, Overhead Gearless Machine, Maximum	128,333.52	
14 28 16 00-0016	EA	Variable Voltage, Basement Installed Geared Machine, Minimum	23,532.47	
14 28 16 00-0017	EA	Variable Voltage, Basement Installed Geared Machine, Average	29,492.23	
14 28 16 00-0018	EA	Variable Voltage, Basement Installed Geared Machine, Maximum	32,860.79	

14 30 Escalators and Moving Walks *(14)*

14 31 Escalators *(14 30)*

14 31 00 00-0001 Stainless Steel Escalator Construction *(14 31)*

Note: Prices are medians and are based on each moving stairway. Complete, includes all standard accessories and single microprocessor controlled electronic display sign packages, LED.

14 31 00 00-0002	EA	Escalators Stainless Steel, 32" Wide x 12' Floor To Floor Height	148,981.19	12,227.86
14 31 00 00-0003	EA	Escalators Stainless Steel, 32" Wide x 15' Floor To Floor Height	164,897.79	14,451.11
14 31 00 00-0004	EA	Escalators Stainless Steel, 32" Wide x 18' Floor To Floor Height	179,548.58	16,674.37
14 31 00 00-0005	EA	Escalators Stainless Steel, 32" Wide x 22' Floor To Floor Height	198,354.67	20,009.24
14 31 00 00-0006	EA	Escalators Stainless Steel, 32" Wide x 25' Floor To Floor Height	219,058.34	22,232.48
14 31 00 00-0007	EA	Escalators Stainless Steel, 36" Wide x 12' Floor To Floor Height	157,573.67	13,006.00
14 31 00 00-0008	EA	Escalators Stainless Steel, 36" Wide x 15' Floor To Floor Height	174,717.96	15,562.74
14 31 00 00-0009	EA	Escalators Stainless Steel, 36" Wide x 18' Floor To Floor Height	189,345.77	17,785.98
14 31 00 00-0010	EA	Escalators Stainless Steel, 36" Wide x 22' Floor To Floor Height	213,206.34	22,343.64
14 31 00 00-0011	EA	Escalators Stainless Steel, 36" Wide x 25' Floor To Floor Height	229,813.53	24,011.09
14 31 00 00-0012	EA	Escalators Stainless Steel, 48" Wide x 12' Floor To Floor Height	166,523.27	13,784.14
14 31 00 00-0013	EA	Escalators Stainless Steel, 48" Wide x 15' Floor To Floor Height	185,187.68	16,674.37
14 31 00 00-0014	EA	Escalators Stainless Steel, 48" Wide x 18' Floor To Floor Height	199,409.29	18,897.61
14 31 00 00-0015	EA	Escalators Stainless Steel, 48" Wide x 22' Floor To Floor Height	229,053.03	23,566.43
14 31 00 00-0016	EA	Escalators Stainless Steel, 48" Wide x 25' Floor To Floor Height	243,139.08	25,789.68
14 31 00 00-0017	EA	Escalator Fire Shutter Fusible Link	22,146.74	444.65

14 32 Moving Walks *(14 30)*

14 32 00 00-0001 Moving Sidewalks *(14 32)*

Note: Prices are medians. Includes safety rails.

14 32 00 00-0002	LF	Moving Sidewalks, 28" Wide	1,557.68	266.79
		For Each LF Of Ramp Or Sloped Sections, Add	*247.51*	
14 32 00 00-0003	LF	Moving Sidewalks, 36" Wide	2,089.68	272.35
		For Each LF Of Ramp Or Sloped Sections, Add	*352.58*	
14 32 00 00-0004	LF	Moving Sidewalks, 48" Wide	2,359.01	283.47
		For Each LF Of Ramp Or Sloped Sections, Add	*403.78*	
14 32 00 00-0005	LF	Moving Sidewalks, 54" Wide	2,714.31	307.48
		For Each LF Of Ramp Or Sloped Sections, Add	*469.07*	

14 40 Lifts *(14)*

14 42 Wheelchair Lifts *(14 40)*

14 42 13 Inclined Wheelchair Lifts *(14 42)*

14 42 13 00-0001 Chair Lift-Stair Climber *(14 42 13)*

Note: Includes landing, rails, lifting device and gates.

14 42 13 00-0002	EA	Chair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 LB Capacity Note: Includes top and bottom call button, safety chair, track, and power unit.	7,265.08	943.56

14 42 16 Vertical Wheelchair Lifts *(14 42)*

14 42 16 00-0001 Wheelchair Lift (Shorty) *(14 42 16)*

14 42 16 00-0002	EA	36" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	8,975.26	660.49
		For Accordion Safety Skirt, Add	*1,034.24*	
		For Removable Handrails, Add	*105.40*	
		For Power Operated Ramp, Add	*922.25*	
14 42 16 00-0003	EA	42" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	11,034.63	825.61
		For 2,000 LB Capacity, Add	*619.22*	
		For 3,000 LB Capacity, Add	*1,034.24*	
		For 4,000 LB Capacity, Add	*1,548.06*	
		For Accordion Safety Skirt, Add	*1,034.24*	
		For Removable Handrails, Add	*105.40*	
		For Power Operated Ramp, Add	*922.25*	
14 42 16 00-0004	EA	70" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	13,125.67	1,073.29
		For 2,000 LB Capacity, Add	*619.22*	
		For 3,000 LB Capacity, Add	*1,034.24*	
		For 4,000 LB Capacity, Add	*1,548.06*	
		For Accordion Safety Skirt, Add	*1,034.24*	
		For Removable Handrails, Add	*105.40*	
		For Power Operated Ramp, Add	*922.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 42 16 00-0005	EA	84" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	14,737.09	1,238.42
		For 2,000 LB Capacity, Add	*619.22*	
		For 3,000 LB Capacity, Add	*1,034.24*	
		For 4,000 LB Capacity, Add	*1,548.06*	
		For Accordion Safety Skirt, Add	*1,034.24*	
		For Removable Handrails, Add	*105.40*	
		For Power Operated Ramp, Add	*922.25*	
14 42 16 00-0006	EA	18' Travel Wheelchair Incline Lift Note: 500 LB capacity, interior installation.	15,395.55	589.72

14 90 Other Conveying Equipment *(14)*

14 91 Facility Chutes *(14 90)*

14 91 82 Trash Chutes *(14 91)*

14 91 82 00-0001 Trash Chutes *(14 91 82)*

14 91 82 00-0002	LF	18" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	37.06	4.05
		For Aluminum, Add	*2.93*	
		For Stainless Steel, Add	*10.27*	
14 91 82 00-0003	LF	24" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	48.10	4.05
		For Aluminum, Add	*3.97*	
		For Stainless Steel, Add	*13.89*	
14 91 82 00-0004	LF	30" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	53.09	5.06
		For Aluminum, Add	*4.40*	
		For Stainless Steel, Add	*15.40*	
14 91 82 00-0005	LF	36" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	82.32	5.06
		For Aluminum, Add	*7.25*	
		For Stainless Steel, Add	*25.36*	
14 91 82 00-0006	EA	Trash Chutes, Hopper	733.21	28.34
		For Aluminum, Add	*67.62*	
		For Stainless Steel, Add	*236.66*	
14 91 82 00-0007	EA	Trash Chutes, Skylight	346.76	55.66
		For Aluminum, Add	*23.52*	
		For Stainless Steel, Add	*82.32*	
14 91 82 00-0008	EA	Trash Chutes, Sprinkler Unit At Top	231.21	60.71
		For Aluminum, Add	*10.29*	
		For Stainless Steel, Add	*36.02*	
14 91 82 00-0009	EA	Trash Chutes, Sprinkler Unit At Intake Hopper	60.41	21.25
		For Aluminum, Add	*1.76*	
		For Stainless Steel, Add	*6.17*	
14 91 82 00-0010	EA	Refuse Type Bottom Storage Hopper Unit	595.50	75.89
		For Aluminum, Add	*43.51*	
		For Stainless Steel, Add	*152.29*	
14 91 82 00-0011	EA	Hopper Doors	1,434.27	68.39

END OF SECTION 14

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 Fire Suppression

21 01 Operation and Maintenance of Fire Suppression *(21)*

21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems *(21 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

21 01 10 91 Water-Based Fire-Suppression Systems Restoration *(21 01 10)*

21 01 10 91-0001 Relocate Sprinkler Head And Branch Piping *(21 01 10 91)*

See CSI section 21 13 13 00-0024 for new wet pipe sprinkler heads (when required).

21 01 10 91-0002	EA	Relocate 1 Existing Sprinkler Head And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	541.14
21 01 10 91-0003	EA	Relocate 2 To 4 Existing Sprinkler Heads And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	324.69
21 01 10 91-0004	EA	Relocate >4 To 10 Existing Sprinkler Heads And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	129.88
21 01 10 91-0005	EA	Relocate >10 Existing Sprinkler Heads And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	64.93

21 01 10 91-0006 Purge And Refill System Sprinkler Piping *(21 01 10 91)*

Note: Includes shutting off valve, draining pipe and collection of liquid, refilling with liquid and bleeding of air from system.

21 01 10 91-0007	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	357.01
21 01 10 91-0008	EA	>100 To 250', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	509.88
21 01 10 91-0009	EA	>250 To 500', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	610.93
21 01 10 91-0010	EA	>500 To 1,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	763.67
21 01 10 91-0011	EA	>1,000 To 2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	992.77
21 01 10 91-0012	LF	>2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	0.49
21 01 10 91-0013	EA	Up To 100', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	499.81
21 01 10 91-0014	EA	>100 To 250', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	713.84
21 01 10 91-0015	EA	>250 To 500', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	855.31
21 01 10 91-0016	EA	>500 To 1,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,069.13
21 01 10 91-0017	EA	>1,000 To 2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,389.88
21 01 10 91-0018	LF	>2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	0.70
21 01 10 91-0019	EA	Up To 100', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	687.24
21 01 10 91-0020	EA	>100 To 250', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	981.52
21 01 10 91-0021	EA	>250 To 500', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,176.05
21 01 10 91-0022	EA	>500 To 1,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,470.06
21 01 10 91-0023	EA	>1,000 To 2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,911.08
21 01 10 91-0024	LF	>2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	0.96
21 01 10 91-0025	EA	Up To 100', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	927.78
21 01 10 91-0026	EA	>100 To 250', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1,325.05
21 01 10 91-0027	EA	>250 To 500', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1,406.75
21 01 10 91-0028	EA	>500 To 1,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1,758.43
21 01 10 91-0029	EA	>1,000 To 2,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	2,285.97
21 01 10 91-0030	LF	>2,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1.14

21 01 30 Operation and Maintenance of Fire-Suppression Equipment *(21 01)*

21 01 30 91 Fire-Suppression Equipment Restoration *(21 01 30)*

21 01 30 91-0001 Inspection And Recharge *(21 01 30 91)*

21 01 30 91-0002	EA	Inspection, CO2, Carbon Dioxide	232.69
21 01 30 91-0003	LB	Refill/Recharge, CO2, Carbon Dioxide	2.78
21 01 30 91-0004	EA	Inspection, Halon 1301	232.69
21 01 30 91-0005	LB	Refill/Recharge, Halon 1301	66.82
21 01 30 91-0006	EA	Inspection, WC, Wet Chemical	140.70
21 01 30 91-0007	GAL	Refill/Recharge, WC, Wet Chemical	62.64
21 01 30 91-0008	EA	Inspection, DC, Dry Chemical	140.70
21 01 30 91-0009	LB	Refill/Recharge, DC, Dry Chemical	5.57
21 01 30 91-0010	EA	Hydrostatic Testing, All Sizes, All Agents See CSI section 23 05 93 00-0046 for testing existing piping systems.	43.30
21 01 30 91-0011	EA	Disarm/Arm System	75.76

21 05 Common Work Results for Fire Suppression *(21)*

21 05 13 Common Motor Requirements for Fire-Suppression Equipment *(21 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

21 05 16 Expansion Fittings and Loops for Fire-Suppression Piping *(21 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping *(21 05)*

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

21 05 19 Meters and Gages for Fire-Suppression Systems *(21 05)*

See CSI section 33 19 00 00-0000 for water utility service metering.

21 05 19 00-0001 Fire Sprinkler System Water Pressure Gauge *(21 05 19)*

21 05 19 00-0002	EA	2" Diameter Dial, 0-200 PSI, Water Pressure Gauge Note: For fire sprinkler systems	46.73	12.47
21 05 19 00-0003	EA	2-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	48.52	12.47
21 05 19 00-0004	EA	3" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	56.88	12.47
21 05 19 00-0005	EA	3-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	60.31	12.47
21 05 19 00-0006	EA	4" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	63.74	12.47

21 05 19 00-0007 Fire Service Meter Cast Iron Housing *(21 05 19)*

21 05 19 00-0008	EA	3" Diameter, 0 - 600 GPM Fire Service Meter Flanged, With Cast Iron Housing	5,248.08	169.80
		For >10 To 25, Deduct	*-262.40*	
		For >25, Deduct	*-765.96*	
21 05 19 00-0009	EA	4" Diameter, 0 - 1,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	10,701.84	284.65
		For >10 To 25, Deduct	*-535.09*	
		For >25, Deduct	*-1,569.61*	
21 05 19 00-0010	EA	6" Diameter, 0 - 2,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	14,520.90	425.75
		For >10 To 25, Deduct	*-726.05*	
		For >25, Deduct	*-2,124.73*	
21 05 19 00-0011	EA	8" Diameter, 0 - 4,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	18,937.38	544.02
		For >10 To 25, Deduct	*-946.87*	
		For >25, Deduct	*-2,773.03*	
21 05 19 00-0012	EA	10" Diameter, 0 - 6,200 GPM Fire Service Meter Flanged, With Cast Iron Housing	26,670.72	662.28
		For >10 To 25, Deduct	*-1,333.54*	
		For >25, Deduct	*-3,917.82*	

21 05 23 General-Duty Valves for Water-Based Fire-Suppression Piping *(21 05)*

See CSI section 22 05 23 00-0000 for additional valves, 23 05 23 00-0000 for additional valves.

21 05 23 00-0001 Globe Valves *(21 05 23)*

21 05 23 00-0002 Threaded, 125 LB, Bronze Body, Angle Globe Valves *(21 05 23 00-0001)*

Note: Non-rising stem

21 05 23 00-0003	EA	1/2" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD)	60.85	10.85
21 05 23 00-0004	EA	3/4" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD)	77.35	11.38
21 05 23 00-0005	EA	1" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD)	107.05	11.38
21 05 23 00-0006	EA	1-1/4" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD)	162.10	14.43
21 05 23 00-0007	EA	1-1/2" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD	190.88	16.70
21 05 23 00-0008	EA	2" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD)	226.14	19.73

21 05 23 00-0009 Butterfly Valves *(21 05 23)*

21 05 23 00-0010 Grooved End Gear Operated Butterfly Valves *(21 05 23 00-0009)*

21 05 23 00-0011	EA	2-1/2" Butterfly Valve, Grooved, With Standard Trim (Nibco GD-4765-8N)	487.07	17.68
21 05 23 00-0012	EA	3" Butterfly Valve, Grooved, With Standard Trim (Nibco GD-4765-8N)	534.96	21.18
21 05 23 00-0013	EA	4" Butterfly Valve, Grooved, With Standard Trim (Nibco GD-4765-8N)	560.79	27.87
21 05 23 00-0014	EA	6" Butterfly Valve, Grooved, With Standard Trim (Nibco GD-4765-8N)	796.24	45.65
21 05 23 00-0015	EA	8" Butterfly Valve, Grooved, With Standard Trim (Nibco GD-4765-8N)	1,146.26	64.22

21 05 23 00-0016 Grooved End, Wafer Type, Ductile Iron, Gear Operated Butterfly Valves *(21 05 23 00-0009)*

21 05 23 00-0017	EA	2" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	489.35	14.28
21 05 23 00-0018	EA	2-1/2" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	498.21	17.68
21 05 23 00-0019	EA	3" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	549.81	21.18
21 05 23 00-0020	EA	4" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	570.07	27.87
21 05 23 00-0021	EA	6" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	794.39	45.65
21 05 23 00-0022	EA	8" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	1,181.54	64.22
21 05 23 00-0023	EA	10" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	1,830.04	86.80

21 05 23 00-0024 Check Valves *(21 05 23)*

21 05 23 00-0025 Bronze Body, Threaded, 150 LB, Swing Check Valves *(21 05 23 00-0024)*

21 05 23 00-0026	EA	1/2" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	220.44	10.85
21 05 23 00-0027	EA	3/4" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	260.02	11.38
21 05 23 00-0028	EA	1" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	356.15	11.38
21 05 23 00-0029	EA	1-1/4" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	474.55	14.43
21 05 23 00-0030	EA	1-1/2" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	622.80	16.70
21 05 23 00-0031	EA	2" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	910.92	19.73

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 05 23 00-0032		**Flanged, Iron Body, Bronze Trim, Swing Check Valves** *(21 05 23 00-0024)*		
21 05 23 00-0033	EA	2-1/2" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	722.62	144.82
21 05 23 00-0034	EA	3" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	822.39	169.80
21 05 23 00-0035	EA	4" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	1,165.54	284.65
21 05 23 00-0036	EA	6" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	1,730.72	349.29
21 05 23 00-0037	EA	8" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	2,707.03	446.31
21 05 23 00-0038	EA	10" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	4,228.92	543.34
21 05 23 00-0039	EA	12" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126)	5,869.94	659.76
21 05 23 00-0040		**Iron Body Wafer Type Check Valve** *(21 05 23 00-0024)*		
21 05 23 00-0041	EA	2-1/2" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W)	576.20	144.91
21 05 23 00-0042	EA	3" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W)	664.73	169.90
21 05 23 00-0043	EA	4" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W)	822.11	284.82
21 05 23 00-0044	EA	6" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W)	1,320.95	399.75
21 05 23 00-0045	EA	8" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W)	1,895.93	459.71
21 05 23 00-0046	EA	10" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W)	2,734.62	49.97
21 05 23 00-0047	EA	12" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W)	3,704.01	679.57
21 05 23 00-0048		**Grooved End, Check Valves** *(21 05 23 00-0024)*		
21 05 23 00-0049	EA	2-1/2" Check Valve, Grooved (Victaulic FireLock® 717)	432.35	17.98
21 05 23 00-0050	EA	3" Check Valve, Grooved (Victaulic FireLock® 717)	437.21	21.28
21 05 23 00-0051	EA	4" Check Valve, Grooved (Victaulic FireLock® 717)	463.60	27.97
21 05 23 00-0052	EA	6" Check Valve, Grooved (Victaulic FireLock® 717)	1,381.26	45.65
21 05 23 00-0053	EA	8" Check Valve, Grooved (Victaulic FireLock® 717)	1,919.09	64.22
21 05 23 00-0054		**Gate Valves** *(21 05 23)*		
21 05 23 00-0055		**Threaded, Bronze Gate Valves** *(21 05 23 00-0054)*		
		Note: Class 175		
21 05 23 00-0056	EA	1" Threaded, Bronze Gate Valve (Crane 459)	690.69	13.56
21 05 23 00-0057	EA	1-1/4" Threaded, Bronze Gate Valve (Crane 459)	844.26	14.43
21 05 23 00-0058	EA	1-1/2" Threaded, Bronze Gate Valve (Crane 459)	1,004.64	16.70
21 05 23 00-0059	EA	2" Threaded, Bronze Gate Valve (Crane 459)	1,253.92	19.73
21 05 23 00-0060		**Flanged, Cast Iron Body, Bronze Trim Gate Valves** *(21 05 23 00-0054)*		
		Note: Class 175		
21 05 23 00-0061	EA	2-1/2" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	968.27	144.82
21 05 23 00-0062	EA	3" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	1,140.35	169.80
21 05 23 00-0063	EA	4" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	1,601.94	284.65
21 05 23 00-0064	EA	6" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	2,375.64	349.29
21 05 23 00-0065	EA	8" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	3,488.84	446.31
21 05 23 00-0066	EA	10" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	6,314.34	543.34
21 05 23 00-0067	EA	12" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467)	8,571.11	659.76
21 05 23 00-0068		**Flanged, Resilient Wedge, Ductile Iron Body, Gate Valves** *(21 05 23 00-0054)*		
		Note: Class 175		
21 05 23 00-0069	EA	2-1/2" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	1,642.31	144.82
21 05 23 00-0070	EA	3" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	1,913.27	169.80
21 05 23 00-0071	EA	4" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	2,305.18	284.65
21 05 23 00-0072	EA	6" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	2,968.89	349.29
21 05 23 00-0073	EA	8" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	4,420.72	446.31
21 05 23 00-0074	EA	10" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	6,373.90	543.34
21 05 23 00-0075	EA	12" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136)	8,237.89	659.76
21 05 23 00-0076		**Flanged, Resilient Wedge, Ductile Iron Body, Gate Valves** *(21 05 23 00-0054)*		
		Note: Class 250. Square operating nut actuation type.		
21 05 23 00-0077	EA	3" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	1,549.37	169.80
21 05 23 00-0078	EA	4" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	1,954.05	284.65
21 05 23 00-0079	EA	6" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	2,506.67	349.29
21 05 23 00-0080	EA	8" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	3,772.08	446.31
21 05 23 00-0081	EA	10" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	5,680.57	543.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 05 23 00-0082	EA	12" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100)	7,144.90	659.76
21 05 23 00-0083		Ball Valves *(21 05 23)*		
21 05 23 00-0084		Threaded, 125 LB, Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728) *(21 05 23 00-0083)*		
21 05 23 00-0085	EA	1" Threaded, 125 LB, Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728)	446.26	13.56
21 05 23 00-0086	EA	1-1/4" Threaded, 125 LB, Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728)	486.31	14.43
21 05 23 00-0087	EA	1-1/2" Threaded, 125 LB, Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728)	575.13	16.70
21 05 23 00-0088	EA	2" Threaded, 125 LB, Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728)	692.17	19.73
21 05 23 00-0089		TESTanDRAIN® Valve *(21 05 23)*		
21 05 23 00-0090	EA	1/4" 3-Way Globe Valve With 1/4" NPT Test Port (AGF 7600)	227.77	14.37
21 05 23 00-0091	EA	1" Threaded TESTanDRAIN® Valve (AGF 1000)	257.22	17.36
21 05 23 00-0092	EA	1-1/4" Threaded TESTanDRAIN® Valve (AGF 1000)	314.46	21.95
21 05 23 00-0093	EA	1-1/2" Threaded TESTanDRAIN® Valve (AGF 1000)	491.25	25.34
21 05 23 00-0094	EA	2" Threaded TESTanDRAIN® Valve (AGF 1000)	516.23	29.93
21 05 23 00-0095	EA	1" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	361.87	17.36
21 05 23 00-0096	EA	1-1/4" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	418.09	21.95
21 05 23 00-0097	EA	1-1/2" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	598.04	25.34
21 05 23 00-0098	EA	2" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	625.86	29.93
21 05 23 00-0099		Air Release Valves For Wet Fire Sprinkler Systems *(21 05 23)*		
21 05 23 00-0100	EA	1/2" NPT, Automatic Air Vent Assembly For Wet Fire Sprinkler Systems (Tyco TAV-W)	1,273.56	49.92
21 05 23 00-0101	EA	1/2" NPT, Automatic Air Vent For Wet Fire Sprinkler Systems (Potter PAV)	421.63	36.35
21 05 23 00-0102	EA	1/2" NPT, Automatic Float Type Air Release Valve With Shutoff Valve, Strainer, Unions, And Containment Pan (Potter PAAR-B)	1,214.97	48.83
21 05 23 00-0103	EA	1" NPT x Hose Automatic Air Venting Valve For Wet Fire Sprinkler Systems (AGF Manufacturing AGF7900AAV)	460.48	32.55
21 05 23 00-0104	EA	2" NPT, Separation Chamber and Air Scoop With M7900 Automatic Air Venting Valve For Wet Fire Sprinkler Systems (AGF Manufacturing AGF7950ILV-20)	933.76	53.71
21 05 23 00-0105	EA	2-1/2" NPT, Separation Chamber and Air Scoop With M7900 Automatic Air Venting Valve For Wet Fire Sprinkler Systems (AGF Manufacturing AGF7950ILV-25)	1,002.54	74.60
21 05 23 00-0106	EA	3" NPT, Separation Chamber and Air Scoop With M7900 Automatic Air Venting Valve For Wet Fire Sprinkler Systems (AGF Manufacturing AGF7950ILV-30)	1,051.59	83.55
21 05 23 00-0107	EA	4" NPT, Separation Chamber and Air Scoop With M7900 Automatic Air Venting Valve For Wet Fire Sprinkler Systems (AGF Manufacturing AGF7950ILV-40)	1,076.97	89.51
21 05 23 00-0108	EA	1/2" PURGEnVENT Manual Air Vent Valve For Wet Fire Sprinkler Systems (AGF Manufacturing 7910MAV)	101.50	36.35

21 05 29 Hangers and Supports for Fire-Suppression Piping and Equipment *(21 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

21 05 48 Vibration and Seismic Controls for Fire-Suppresion Piping and Equipment *(21 05)*

21 05 48 13 Vibration Controls for Fire-Suppression Piping and Equipment *(21 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

21 05 53 Identification for Fire-Suppression Piping and Equipment *(21 05)*

See CSI section 23 05 53 00-0000 for identification.

21 07 Fire-Suppression Systems Insulation *(21)*

21 07 16 Fire-Suppression Equipment Insulation *(21 07)*

See CSI section 23 07 16 00-0000 for fire-suppression equipment insulation.

21 07 19 Fire-Suppression Piping Insulation *(21 07)*

See CSI section 22 07 19 00-0000 for fire-suppression piping insulation.

21 10 Water-Based Fire-Suppression Systems *(21)*

See CSI section 22 11 16 00-0368 for copper pipe, 22 11 16 00-0912 for CPVC pipe, 23 05 23 00-0037 for OS&Y gate valves, 23 21 13 23-0000 for black steel piping.

21 11 Facility Fire-Suppression Water-Service Piping *(21 10)*

21 11 19 Fire-Department Connections *(21 11)*

21 11 19 00-0001		Fire Department Connections *(21 11 19)*		
21 11 19 00-0002	EA	4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	967.88	321.27
		For Polished Chrome, Add	*60.15*	
21 11 19 00-0003	EA	6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	1,345.17	401.59
		For Polished Chrome, Add	*92.06*	
21 11 19 00-0004	EA	4" x 3" x 3" Siamese Connection, Polished Brass	1,419.78	321.27
		For Polished Chrome, Add	*116.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 11 19 00-0005	EA	6" x 3" x 3" Siamese Connection, Polished Brass	1,875.45	401.59
		For Polished Chrome, Add	*158.35*	
21 11 19 00-0006	EA	6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass	2,005.07	401.59
		For Polished Chrome, Add	*174.55*	
21 11 19 00-0007	EA	Sidewalk Type Connection With Plug And Chain, Polished Brass	1,720.62	425.03
		For Polished Chrome, Add	*134.62*	
21 11 19 00-0008	EA	Wall Type Connection With Plug And Chain, Polished Brass	1,104.61	321.27
		For Polished Chrome, Add	*77.24*	
21 11 19 00-0009		Wall Type Indicator Post, Wheel Operated *(21 11 19)*		
		See CSI section 33 14 19 00-0001 for adjustable indicator post accessory for ground valves.		
21 11 19 00-0010	EA	Wall Type Indicator Post With Wall Flange For Valve (Victaulic 773)	1,705.82	284.65
21 11 19 00-0011		Upright Indicator Post, Wheel Operated *(21 11 19)*		
21 11 19 00-0012	EA	Upright Indicator Post With Flange For Valve (Victaulic 774)	6,859.74	284.65

21 12 Fire-Suppression Standpipes *(21 10)*

See CSI section 23 21 13 23-0000 for black steel pipe.

21 12 13 Fire-Suppression Hoses and Nozzles *(21 12)*

21 12 13 00-0001 Fire Hose *(21 12 13)*

21 12 13 00-0002 Fire Hose Without Couplings *(21 12 13 00-0001)*

21 12 13 00-0003	LF	1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.81	2.17
21 12 13 00-0004	LF	2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.26	2.17
21 12 13 00-0005	LF	2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.97	2.17
21 12 13 00-0006	LF	3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.47	2.17
21 12 13 00-0007	LF	1-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	3.16	2.17
21 12 13 00-0008	LF	2-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	3.89	2.17
21 12 13 00-0009	LF	1-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	3.26	2.17
21 12 13 00-0010	LF	2-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	4.12	2.17

21 12 13 00-0011 Fire Hose With Aluminum Couplings *(21 12 13 00-0001)*

21 12 13 00-0012	LF	1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	7.84	1.19
21 12 13 00-0013	LF	2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	9.85	1.41
21 12 13 00-0014	LF	3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	17.05	1.41

21 12 13 00-0015 Fire Hose Accessories *(21 12 13 00-0001)*

21 12 13 00-0016	EA	Hose Coupling With 1-1/2" Pin Lug	228.31	35.72
21 12 13 00-0017	EA	Hose Coupling With 2-1/2" Pin Lug	361.02	40.04
21 12 13 00-0018	EA	1-1/2" x 10" Brass Straight Nozzle	87.13	28.14
21 12 13 00-0019	EA	2-1/2" x 12" Brass Straight Nozzle	169.37	28.14
21 12 13 00-0020	EA	1-1/2" Brass Fog Type Nozzle	135.04	28.14
21 12 13 00-0021	EA	2-1/2" Brass Fog Type Nozzle	192.81	28.14
21 12 13 00-0022	EA	1-1/2" Brass 100' Hose Rack	302.70	119.05
21 12 13 00-0023	EA	2-1/2" Brass 100' Hose Rack	414.83	119.05

21 12 23 Fire-Suppression Hose Valves *(21 12)*

21 12 23 00-0001 Standpipe Valves *(21 12 23)*

21 12 23 00-0002	EA	2-1/2" Fire Department Valve, Polished Brass With Plug And Chain	644.66	212.52
		For Polished Chrome, Add	*48.42*	
21 12 23 00-0003	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	1,026.78	212.42
		For Polished Chrome, Add	*105.74*	
21 12 23 00-0004	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	1,320.50	229.78
		For Polished Chrome, Add	*145.84*	
21 12 23 00-0005	EA	3" x 3" x 4" Fire Department Valve, Flush, Polished Brass	1,577.42	212.42
		For Polished Chrome, Add	*188.34*	
21 12 23 00-0006	EA	3" x 3" x 6" Fire Department Valve, Flush, Polished Brass	1,851.19	229.78
		For Polished Chrome, Add	*225.44*	
21 12 23 00-0007	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass	968.25	212.42
		For Polished Chrome, Add	*96.96*	
21 12 23 00-0008	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass	1,412.27	229.78
		For Polished Chrome, Add	*159.61*	
21 12 23 00-0009	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	1,801.97	219.30
		For Polished Chrome, Add	*176.37*	
21 12 23 00-0010	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	2,573.76	243.65
		For Polished Chrome, Add	*264.55*	
21 12 23 00-0011	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass	1,933.64	219.30
		For Polished Chrome, Add	*192.17*	
21 12 23 00-0012	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass	2,772.15	243.65
		For Polished Chrome, Add	*288.35*	
21 12 23 00-0013	EA	2-1/2" x 2-1/2" x 2-1/2" x 2-1/2" 6" Fire Department Valve, Square, Flush, Polished Brass	10,969.82	292.34
		For Polished Chrome, Add	*1,052.68*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 12 23 00-0014		Fire Hose Angle Valves *(21 12 23)*		
21 12 23 00-0015	EA	1-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve	220.06	29.23
21 12 23 00-0016	EA	1-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve	263.15	29.23
21 12 23 00-0017	EA	1-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve	247.48	29.23
21 12 23 00-0018	EA	1-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve	290.58	29.23
21 12 23 00-0019	EA	2-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve	391.73	48.71
21 12 23 00-0020	EA	2-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve	454.41	48.71
21 12 23 00-0021	EA	2-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve	459.63	48.71
21 12 23 00-0022	EA	2-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve	522.31	48.71

21 12 29 Fire-Suppression Fire Hose Equipment *(21 12)*

21 12 29 00-0001 Standpipe And Fire Hose Equipment *(21 12 29)*

21 12 29 00-0002	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass	3,662.33	526.80
21 12 29 00-0003	EA	Water Motor Gong	1,309.97	161.06
21 12 29 00-0004	EA	Fire Riser Flow Switch (National Fire Protection Association 13)	1,244.22	18.74
21 12 29 00-0005	EA	Water Flow Supervisory (Tamper) Switch Mounted On Valve	235.39	32.05

21 12 29 00-0006 Water Flow Detector *(21 12 29)*

21 12 29 00-0007 Pressure-Type Wazter Flow Detector *(21 12 29 00-0006)*

21 12 29 00-0008	EA	Pressure-Type Water Flow Detector For Up To 2-1/2" Pipe	374.08	98.63
21 12 29 00-0009	EA	Pressure-Type Water Flow Detector For >2-1/2" To 4" Pipe	543.14	130.69
21 12 29 00-0010	EA	Pressure-Type Water Flow Detector For >4" To 8" Pipe	851.28	147.94

21 12 29 00-0011 Vane-Type Water Flow Detector *(21 12 29 00-0006)*

21 12 29 00-0012	EA	Vane-Type Water Flow Detector For Up To 2-1/2" Pipe	469.76	98.63
21 12 29 00-0013	EA	Vane-Type Water Flow Detector For >2-1/2" To 4" Pipe	660.36	130.69
21 12 29 00-0014	EA	Vane-Type Water Flow Detector For >4" To 8" Pipe	1,037.09	147.94

21 13 Fire-Suppression Sprinkler Systems *(21 10)*

21 13 13 Wet-Pipe Sprinkler Systems *(21 13)*

21 13 13 00-0001 Complete Wet Pipe Sprinkler Systems *(21 13 13)*

Note: Includes complete design per NFPA 13, 13D or 13R and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1456 for individual grooved pipe, 23 21 13 23-1529 for individual grooved pipe fittings.

21 13 13 00-0002 Light Hazard, Complete Wet-Pipe Sprinkler Systems *(21 13 13 00-0001)*

21 13 13 00-0003	EA	Exposed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	682.58
		For Copper Pipe, Add	*88.51*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-122.64*
		For Up To 5, Add	*300.79*
		For >5 To 10, Add	*178.16*
		For >10 To 20, Add	*109.90*
		For >20 To 40, Add	*48.01*
		For >100 To 150, Deduct	*-68.26*
		For >150, Deduct	*-136.52*
21 13 13 00-0004	EA	Concealed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	846.86
		For Copper Pipe, Add	*106.59*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-148.93*
		For Up To 5, Add	*379.62*
		For >5 To 10, Add	*230.69*
		For >10 To 20, Add	*146.00*
		For >20 To 40, Add	*62.78*
		For >100 To 150, Deduct	*-84.69*
		For >150, Deduct	*-169.37*
		For Work In Restricted Working Space, Add	*122.63*

21 13 13 00-0005 Ordinary Hazard, Complete Wet-Pipe Sprinkler Systems *(21 13 13 00-0001)*

21 13 13 00-0006	EA	Exposed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	683.05
		For Copper Pipe, Add	*88.74*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-122.90*
		For Up To 5, Add	*300.65*
		For >5 To 10, Add	*177.75*
		For >10 To 20, Add	*109.44*
		For >20 To 40, Add	*47.87*
		For >100 To 150, Deduct	*-68.31*
		For >150, Deduct	*-136.61*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0007	EA	Concealed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head	841.76	
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
		For Copper Pipe, Add	*106.10*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-148.18*	
		For Up To 5, Add	*377.04*	
		For >5 To 10, Add	*228.86*	
		For >10 To 20, Add	*144.68*	
		For >20 To 40, Add	*62.26*	
		For >100 To 150, Deduct	*-84.18*	
		For >150, Deduct	*-168.35*	
		For Work In Restricted Working Space, Add	*121.01*	
21 13 13 00-0008		Extra Hazard, Complete Wet-Pipe Sprinkler Systems *(21 13 13 00-0001)*		
21 13 13 00-0009	EA	Exposed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head	629.81	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		For Copper Pipe, Add	*81.70*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-113.19*	
		For Up To 5, Add	*277.47*	
		For >5 To 10, Add	*164.28*	
		For >10 To 20, Add	*101.29*	
		For >20 To 40, Add	*44.26*	
		For >100 To 150, Deduct	*-62.98*	
		For >150, Deduct	*-125.96*	
21 13 13 00-0010	EA	Concealed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head	777.92	
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
		For Copper Pipe, Add	*97.90*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-136.80*	
		For Up To 5, Add	*348.75*	
		For >5 To 10, Add	*211.95*	
		For >10 To 20, Add	*134.16*	
		For >20 To 40, Add	*57.68*	
		For >100 To 150, Deduct	*-77.79*	
		For >150, Deduct	*-155.58*	
		For Work In Restricted Working Space, Add	*112.73*	
21 13 13 00-0011		Wet Pipe Sprinkler Components *(21 13 13)*		
		Note: Excludes hydraulic calculations.		
21 13 13 00-0012		Wet Pipe Alarm Check Valves *(21 13 13 00-0011)*		
		Note: Excludes trim package See CSI section 21 13 13 00-0018 for Wet Pipe Valve Trim.		
21 13 13 00-0013	EA	2-1/2" Wet Pipe Alarm Check Valve	1,603.64	135.61
21 13 13 00-0014	EA	3" Wet Pipe Alarm Check Valve	1,643.09	155.34
21 13 13 00-0015	EA	4" Wet Pipe Alarm Check Valve	1,860.08	263.84
21 13 13 00-0016	EA	6" Wet Pipe Alarm Check Valve	1,814.40	332.88
21 13 13 00-0017	EA	8" Wet Pipe Alarm Check Valve	3,199.58	421.64
21 13 13 00-0018		Wet Pipe Valve Trim *(21 13 13 00-0011)*		
		Note: Vertical or Horizontal, closed drain, basic galvanized trim assembly package. Includes gauges, pressure switch, relief valve, drain line, and retard chamber.		
21 13 13 00-0019	EA	2-1/2" Wet Pipe Valve Trim	1,507.29	287.01
21 13 13 00-0020	EA	3" Wet Pipe Valve Trim	1,591.32	287.01
21 13 13 00-0021	EA	4" Wet Pipe Valve Trim	1,920.62	393.53
21 13 13 00-0022	EA	6" Wet Pipe Valve Trim	2,261.09	547.39
21 13 13 00-0023	EA	8" Wet Pipe Valve Trim	2,478.08	677.58
21 13 13 00-0024		Wet Pipe Sprinkler Heads *(21 13 13 00-0011)*		
21 13 13 00-0025		Upright Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*		
21 13 13 00-0026	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Brass Wet Pipe Sprinkler Head	76.29	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.25*	
		For >100 To 500, Deduct	*-10.75*	
		For >500 To 1,000, Deduct	*-22.01*	
		For >1,000, Deduct	*-31.75*	
21 13 13 00-0027	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Chrome Wet Pipe Sprinkler Head	79.11	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.39*	
		For >100 To 500, Deduct	*-11.11*	
		For >500 To 1,000, Deduct	*-22.52*	
		For >1,000, Deduct	*-32.26*	
21 13 13 00-0028	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright White Polyester Coated Wet Pipe Sprinkler Head	80.90	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.48*	
		For >100 To 500, Deduct	*-11.33*	
		For >500 To 1,000, Deduct	*-22.84*	
		For >1,000, Deduct	*-32.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0029	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	77.70	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.32*	
		For >100 To 500, Deduct	*-10.93*	
		For >500 To 1,000, Deduct	*-22.27*	
		For >1,000, Deduct	*-32.01*	
21 13 13 00-0030	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	80.63	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.47*	
		For >100 To 500, Deduct	*-11.30*	
		For >500 To 1,000, Deduct	*-22.79*	
		For >1,000, Deduct	*-32.54*	
21 13 13 00-0031	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head	82.49	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.56*	
		For >100 To 500, Deduct	*-11.53*	
		For >500 To 1,000, Deduct	*-23.13*	
		For >1,000, Deduct	*-32.87*	
21 13 13 00-0032	EA	1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Brass Wet Pipe Sprinkler Head	96.10	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-7.24*	
		For >100 To 500, Deduct	*-13.23*	
		For >500 To 1,000, Deduct	*-25.58*	
		For >1,000, Deduct	*-35.32*	
21 13 13 00-0033	EA	1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	103.63	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-7.62*	
		For >100 To 500, Deduct	*-14.17*	
		For >500 To 1,000, Deduct	*-26.93*	
		For >1,000, Deduct	*-36.68*	
21 13 13 00-0034	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Brass Wet Pipe Sprinkler Head	96.10	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-7.24*	
		For >100 To 500, Deduct	*-13.23*	
		For >500 To 1,000, Deduct	*-25.58*	
		For >1,000, Deduct	*-35.32*	
21 13 13 00-0035	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	103.63	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-7.62*	
		For >100 To 500, Deduct	*-14.17*	
		For >500 To 1,000, Deduct	*-26.93*	
		For >1,000, Deduct	*-36.68*	
21 13 13 00-0036	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Brass Wet Pipe Sprinkler Head	86.35	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.75*	
		For >100 To 500, Deduct	*-12.01*	
		For >500 To 1,000, Deduct	*-23.82*	
		For >1,000, Deduct	*-33.57*	
21 13 13 00-0037	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	90.03	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.94*	
		For >100 To 500, Deduct	*-12.47*	
		For >500 To 1,000, Deduct	*-24.49*	
		For >1,000, Deduct	*-34.23*	
21 13 13 00-0038	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Brass Wet Pipe Sprinkler Head	87.66	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.09*	
		For >100 To 500, Deduct	*-12.31*	
		For >500 To 1,000, Deduct	*-24.98*	
		For >1,000, Deduct	*-35.80*	
21 13 13 00-0039	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	91.96	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.30*	
		For >100 To 500, Deduct	*-12.85*	
		For >500 To 1,000, Deduct	*-25.75*	
		For >1,000, Deduct	*-36.57*	
21 13 13 00-0040	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright White Polyester Coated Wet Pipe Sprinkler Head	92.83	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.35*	
		For >100 To 500, Deduct	*-12.96*	
		For >500 To 1,000, Deduct	*-25.91*	
		For >1,000, Deduct	*-36.73*	
21 13 13 00-0041	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	87.66	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.09*	
		For >100 To 500, Deduct	*-12.31*	
		For >500 To 1,000, Deduct	*-24.98*	
		For >1,000, Deduct	*-35.80*	
21 13 13 00-0042	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	91.96	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.30*	
		For >100 To 500, Deduct	*-12.85*	
		For >500 To 1,000, Deduct	*-25.75*	
		For >1,000, Deduct	*-36.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0043	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head	92.83	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.35*	
		For >100 To 500, Deduct	*-12.96*	
		For >500 To 1,000, Deduct	*-25.91*	
		For >1,000, Deduct	*-36.73*	
21 13 13 00-0044	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Brass Wet Pipe Sprinkler Head	84.41	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.66*	
		For >100 To 500, Deduct	*-11.77*	
		For >500 To 1,000, Deduct	*-23.47*	
		For >1,000, Deduct	*-33.22*	
21 13 13 00-0045	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Chrome Wet Pipe Sprinkler Head	87.22	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.80*	
		For >100 To 500, Deduct	*-12.12*	
		For >500 To 1,000, Deduct	*-23.98*	
		For >1,000, Deduct	*-33.72*	
21 13 13 00-0046	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright White Polyester Coated Wet Pipe Sprinkler Head	87.76	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.82*	
		For >100 To 500, Deduct	*-12.19*	
		For >500 To 1,000, Deduct	*-24.08*	
		For >1,000, Deduct	*-33.82*	
21 13 13 00-0047	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Brass Wet Pipe Sprinkler Head	84.41	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.66*	
		For >100 To 500, Deduct	*-11.77*	
		For >500 To 1,000, Deduct	*-23.47*	
		For >1,000, Deduct	*-33.22*	
21 13 13 00-0048	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Chrome Wet Pipe Sprinkler Head	87.22	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.80*	
		For >100 To 500, Deduct	*-12.12*	
		For >500 To 1,000, Deduct	*-23.98*	
		For >1,000, Deduct	*-33.72*	
21 13 13 00-0049	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright White Polyester Coated Wet Pipe Sprinkler Head	87.76	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.82*	
		For >100 To 500, Deduct	*-12.19*	
		For >500 To 1,000, Deduct	*-24.08*	
		For >1,000, Deduct	*-33.82*	
21 13 13 00-0050	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Combustible Concealed Space, Upright Brass Wet Pipe Sprinkler Head	87.76	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.82*	
		For >100 To 500, Deduct	*-12.19*	
		For >500 To 1,000, Deduct	*-24.08*	
		For >1,000, Deduct	*-33.82*	
21 13 13 00-0051	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	117.79	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-8.60*	
		For >100 To 500, Deduct	*-16.08*	
		For >500 To 1,000, Deduct	*-30.40*	
		For >1,000, Deduct	*-41.22*	
21 13 13 00-0052	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head	121.03	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-8.76*	
		For >100 To 500, Deduct	*-16.48*	
		For >500 To 1,000, Deduct	*-30.98*	
		For >1,000, Deduct	*-41.81*	
21 13 13 00-0053	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	121.03	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-8.76*	
		For >100 To 500, Deduct	*-16.48*	
		For >500 To 1,000, Deduct	*-30.98*	
		For >1,000, Deduct	*-41.81*	
21 13 13 00-0054	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	96.00	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.51*	
		For >100 To 500, Deduct	*-13.35*	
		For >500 To 1,000, Deduct	*-26.48*	
		For >1,000, Deduct	*-37.30*	
21 13 13 00-0055	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head	98.21	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.62*	
		For >100 To 500, Deduct	*-13.63*	
		For >500 To 1,000, Deduct	*-26.88*	
		For >1,000, Deduct	*-37.70*	
21 13 13 00-0056	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	98.21	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.62*	
		For >100 To 500, Deduct	*-13.63*	
		For >500 To 1,000, Deduct	*-26.88*	
		For >1,000, Deduct	*-37.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0057	EA	1/2" NPT Thread, K=5.6, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	278.92	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-16.38*	
		For >100 To 500, Deduct	*-36.08*	
		For >500 To 1,000, Deduct	*-58.49*	
		For >1,000, Deduct	*-68.23*	
21 13 13 00-0058	EA	3/4" NPT Thread, K=8.0, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	307.13	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-18.06*	
		For >100 To 500, Deduct	*-39.74*	
		For >500 To 1,000, Deduct	*-64.48*	
		For >1,000, Deduct	*-75.30*	
21 13 13 00-0059	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	149.51	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-9.91*	
		For >100 To 500, Deduct	*-19.91*	
		For >500 To 1,000, Deduct	*-35.19*	
		For >1,000, Deduct	*-44.93*	
21 13 13 00-0060	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	183.22	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-11.60*	
		For >100 To 500, Deduct	*-24.12*	
		For >500 To 1,000, Deduct	*-41.26*	
		For >1,000, Deduct	*-51.00*	
21 13 13 00-0061	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Brass Wet Pipe Sprinkler Head	324.21	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-18.65*	
		For >100 To 500, Deduct	*-41.74*	
		For >500 To 1,000, Deduct	*-66.64*	
		For >1,000, Deduct	*-76.38*	
21 13 13 00-0062	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Chrome Wet Pipe Sprinkler Head	412.07	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-23.04*	
		For >100 To 500, Deduct	*-52.73*	
		For >500 To 1,000, Deduct	*-82.45*	
		For >1,000, Deduct	*-92.20*	
21 13 13 00-0063	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	188.62	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-12.14*	
		For >100 To 500, Deduct	*-24.93*	
		For >500 To 1,000, Deduct	*-43.15*	
		For >1,000, Deduct	*-53.97*	
21 13 13 00-0064	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	189.65	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-12.19*	
		For >100 To 500, Deduct	*-25.06*	
		For >500 To 1,000, Deduct	*-43.34*	
		For >1,000, Deduct	*-54.16*	

21 13 13 00-0065 Conventional Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0066	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Brass Wet Pipe Sprinkler Head	76.29	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.25*	
		For >100 To 500, Deduct	*-10.75*	
		For >500 To 1,000, Deduct	*-22.01*	
		For >1,000, Deduct	*-31.75*	
21 13 13 00-0067	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Chrome Wet Pipe Sprinkler Head	79.11	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.39*	
		For >100 To 500, Deduct	*-11.11*	
		For >500 To 1,000, Deduct	*-22.52*	
		For >1,000, Deduct	*-32.26*	
21 13 13 00-0068	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional White Polyester Coated Wet Pipe Sprinkler Head	80.90	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.48*	
		For >100 To 500, Deduct	*-11.33*	
		For >500 To 1,000, Deduct	*-22.84*	
		For >1,000, Deduct	*-32.58*	
21 13 13 00-0069	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Brass Wet Pipe Sprinkler Head	88.66	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.14*	
		For >100 To 500, Deduct	*-12.44*	
		For >500 To 1,000, Deduct	*-25.16*	
		For >1,000, Deduct	*-35.98*	
21 13 13 00-0070	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Chrome Wet Pipe Sprinkler Head	91.96	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.30*	
		For >100 To 500, Deduct	*-12.85*	
		For >500 To 1,000, Deduct	*-25.75*	
		For >1,000, Deduct	*-36.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0071	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional White Polyester Coated Wet Pipe Sprinkler Head	92.47	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.33*	
		For >100 To 500, Deduct	*-12.91*	
		For >500 To 1,000, Deduct	*-25.84*	
		For >1,000, Deduct	*-36.67*	
21 13 13 00-0072	EA	1/2" NPT Thread, K=5.6, Quick Response, Conventional Stainless Steel Wet Pipe Sprinkler Head	278.92	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-16.38*	
		For >100 To 500, Deduct	*-36.08*	
		For >500 To 1,000, Deduct	*-58.49*	
		For >1,000, Deduct	*-68.23*	
21 13 13 00-0073		**Pendant Wet Pipe Sprinkler Heads** *(21 13 13 00-0024)*		
		See CSI section 21 13 13 00-0209 for escutcheon for recessed pendent sprinkler head.		
21 13 13 00-0074	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head	76.29	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.25*	
		For >100 To 500, Deduct	*-10.75*	
		For >500 To 1,000, Deduct	*-22.01*	
		For >1,000, Deduct	*-31.75*	
21 13 13 00-0075	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head	79.11	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.39*	
		For >100 To 500, Deduct	*-11.11*	
		For >500 To 1,000, Deduct	*-22.52*	
		For >1,000, Deduct	*-32.26*	
21 13 13 00-0076	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head	80.90	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.48*	
		For >100 To 500, Deduct	*-11.33*	
		For >500 To 1,000, Deduct	*-22.84*	
		For >1,000, Deduct	*-32.58*	
21 13 13 00-0077	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	87.66	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.09*	
		For >100 To 500, Deduct	*-12.31*	
		For >500 To 1,000, Deduct	*-24.98*	
		For >1,000, Deduct	*-35.80*	
21 13 13 00-0078	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	91.96	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.30*	
		For >100 To 500, Deduct	*-12.85*	
		For >500 To 1,000, Deduct	*-25.75*	
		For >1,000, Deduct	*-36.57*	
21 13 13 00-0079	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent White Polyester Coated Wet Pipe Sprinkler Head	92.83	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.35*	
		For >100 To 500, Deduct	*-12.96*	
		For >500 To 1,000, Deduct	*-25.91*	
		For >1,000, Deduct	*-36.73*	
21 13 13 00-0080	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent Brass Wet Pipe Sprinkler Head	84.41	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.66*	
		For >100 To 500, Deduct	*-11.77*	
		For >500 To 1,000, Deduct	*-23.47*	
		For >1,000, Deduct	*-33.22*	
21 13 13 00-0081	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent Chrome Wet Pipe Sprinkler Head	87.22	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.80*	
		For >100 To 500, Deduct	*-12.12*	
		For >500 To 1,000, Deduct	*-23.98*	
		For >1,000, Deduct	*-33.72*	
21 13 13 00-0082	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent White Polyester Coated Wet Pipe Sprinkler Head	87.76	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.82*	
		For >100 To 500, Deduct	*-12.19*	
		For >500 To 1,000, Deduct	*-24.08*	
		For >1,000, Deduct	*-33.82*	
21 13 13 00-0083	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head	84.41	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.66*	
		For >100 To 500, Deduct	*-11.77*	
		For >500 To 1,000, Deduct	*-23.47*	
		For >1,000, Deduct	*-33.22*	
21 13 13 00-0084	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head	87.22	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.80*	
		For >100 To 500, Deduct	*-12.12*	
		For >500 To 1,000, Deduct	*-23.98*	
		For >1,000, Deduct	*-33.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0085	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head	87.76	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.82*	
		For >100 To 500, Deduct	*-12.19*	
		For >500 To 1,000, Deduct	*-24.08*	
		For >1,000, Deduct	*-33.82*	
21 13 13 00-0086	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	84.41	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.66*	
		For >100 To 500, Deduct	*-11.77*	
		For >500 To 1,000, Deduct	*-23.47*	
		For >1,000, Deduct	*-33.22*	
21 13 13 00-0087	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	87.22	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.80*	
		For >100 To 500, Deduct	*-12.12*	
		For >500 To 1,000, Deduct	*-23.98*	
		For >1,000, Deduct	*-33.72*	
21 13 13 00-0088	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	87.76	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.82*	
		For >100 To 500, Deduct	*-12.19*	
		For >500 To 1,000, Deduct	*-24.08*	
		For >1,000, Deduct	*-33.82*	
21 13 13 00-0089	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	76.29	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.25*	
		For >100 To 500, Deduct	*-10.75*	
		For >500 To 1,000, Deduct	*-22.01*	
		For >1,000, Deduct	*-31.75*	
21 13 13 00-0090	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	79.11	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.39*	
		For >100 To 500, Deduct	*-11.11*	
		For >500 To 1,000, Deduct	*-22.52*	
		For >1,000, Deduct	*-32.26*	
21 13 13 00-0091	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	80.90	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.48*	
		For >100 To 500, Deduct	*-11.33*	
		For >500 To 1,000, Deduct	*-22.84*	
		For >1,000, Deduct	*-32.58*	
21 13 13 00-0092	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	77.71	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.32*	
		For >100 To 500, Deduct	*-10.93*	
		For >500 To 1,000, Deduct	*-22.27*	
		For >1,000, Deduct	*-32.01*	
21 13 13 00-0093	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	79.70	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.42*	
		For >100 To 500, Deduct	*-11.18*	
		For >500 To 1,000, Deduct	*-22.63*	
		For >1,000, Deduct	*-32.37*	
21 13 13 00-0094	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	81.51	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.51*	
		For >100 To 500, Deduct	*-11.41*	
		For >500 To 1,000, Deduct	*-22.95*	
		For >1,000, Deduct	*-32.69*	
21 13 13 00-0095	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	90.32	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.22*	
		For >100 To 500, Deduct	*-12.64*	
		For >500 To 1,000, Deduct	*-25.46*	
		For >1,000, Deduct	*-36.28*	
21 13 13 00-0096	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	93.96	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.40*	
		For >100 To 500, Deduct	*-13.10*	
		For >500 To 1,000, Deduct	*-26.11*	
		For >1,000, Deduct	*-36.93*	
21 13 13 00-0097	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	93.96	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.40*	
		For >100 To 500, Deduct	*-13.10*	
		For >500 To 1,000, Deduct	*-26.11*	
		For >1,000, Deduct	*-36.93*	
21 13 13 00-0098	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	86.35	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.75*	
		For >100 To 500, Deduct	*-12.01*	
		For >500 To 1,000, Deduct	*-23.82*	
		For >1,000, Deduct	*-33.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0099	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	90.03	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.94*	
		For >100 To 500, Deduct	*-12.47*	
		For >500 To 1,000, Deduct	*-24.49*	
		For >1,000, Deduct	*-34.23*	
21 13 13 00-0100	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	95.54	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-7.21*	
		For >100 To 500, Deduct	*-13.16*	
		For >500 To 1,000, Deduct	*-25.48*	
		For >1,000, Deduct	*-35.22*	
21 13 13 00-0101	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	101.57	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-7.51*	
		For >100 To 500, Deduct	*-13.91*	
		For >500 To 1,000, Deduct	*-26.56*	
		For >1,000, Deduct	*-36.31*	
21 13 13 00-0102	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	95.54	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-7.21*	
		For >100 To 500, Deduct	*-13.16*	
		For >500 To 1,000, Deduct	*-25.48*	
		For >1,000, Deduct	*-35.22*	
21 13 13 00-0103	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	101.57	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-7.51*	
		For >100 To 500, Deduct	*-13.91*	
		For >500 To 1,000, Deduct	*-26.56*	
		For >1,000, Deduct	*-36.31*	
21 13 13 00-0104	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	81.60	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.52*	
		For >100 To 500, Deduct	*-11.42*	
		For >500 To 1,000, Deduct	*-22.97*	
		For >1,000, Deduct	*-32.71*	
21 13 13 00-0105	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	84.76	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.67*	
		For >100 To 500, Deduct	*-11.81*	
		For >500 To 1,000, Deduct	*-23.54*	
		For >1,000, Deduct	*-33.28*	
21 13 13 00-0106	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	86.41	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.76*	
		For >100 To 500, Deduct	*-12.02*	
		For >500 To 1,000, Deduct	*-23.83*	
		For >1,000, Deduct	*-33.58*	
21 13 13 00-0107	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	89.00	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.16*	
		For >100 To 500, Deduct	*-12.48*	
		For >500 To 1,000, Deduct	*-25.22*	
		For >1,000, Deduct	*-36.04*	
21 13 13 00-0108	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	92.11	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.31*	
		For >100 To 500, Deduct	*-12.87*	
		For >500 To 1,000, Deduct	*-25.78*	
		For >1,000, Deduct	*-36.60*	
21 13 13 00-0109	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	95.14	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.46*	
		For >100 To 500, Deduct	*-13.25*	
		For >500 To 1,000, Deduct	*-26.32*	
		For >1,000, Deduct	*-37.15*	
21 13 13 00-0110	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	83.38	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.60*	
		For >100 To 500, Deduct	*-11.64*	
		For >500 To 1,000, Deduct	*-23.29*	
		For >1,000, Deduct	*-33.03*	
21 13 13 00-0111	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	86.48	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.76*	
		For >100 To 500, Deduct	*-12.03*	
		For >500 To 1,000, Deduct	*-23.85*	
		For >1,000, Deduct	*-33.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0112	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	88.17	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.84*	
		For >100 To 500, Deduct	*-12.24*	
		For >500 To 1,000, Deduct	*-24.15*	
		For >1,000, Deduct	*-33.89*	
21 13 13 00-0113	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	90.32	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.22*	
		For >100 To 500, Deduct	*-12.64*	
		For >500 To 1,000, Deduct	*-25.46*	
		For >1,000, Deduct	*-36.28*	
21 13 13 00-0114	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	93.57	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.38*	
		For >100 To 500, Deduct	*-13.05*	
		For >500 To 1,000, Deduct	*-26.04*	
		For >1,000, Deduct	*-36.86*	
21 13 13 00-0115	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	96.71	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.54*	
		For >100 To 500, Deduct	*-13.44*	
		For >500 To 1,000, Deduct	*-26.61*	
		For >1,000, Deduct	*-37.43*	
21 13 13 00-0116	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Pendent Chrome Wet Pipe Sprinkler Head	132.64	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-9.07*	
		For >100 To 500, Deduct	*-17.80*	
		For >500 To 1,000, Deduct	*-32.16*	
		For >1,000, Deduct	*-41.90*	
21 13 13 00-0117	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Pendent White Polyester Coated Wet Pipe Sprinkler Head	132.64	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-9.07*	
		For >100 To 500, Deduct	*-17.80*	
		For >500 To 1,000, Deduct	*-32.16*	
		For >1,000, Deduct	*-41.90*	
21 13 13 00-0118	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	99.23	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.67*	
		For >100 To 500, Deduct	*-13.76*	
		For >500 To 1,000, Deduct	*-27.06*	
		For >1,000, Deduct	*-37.88*	
21 13 13 00-0119	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	101.62	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.79*	
		For >100 To 500, Deduct	*-14.06*	
		For >500 To 1,000, Deduct	*-27.49*	
		For >1,000, Deduct	*-38.31*	
21 13 13 00-0120	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	101.62	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.79*	
		For >100 To 500, Deduct	*-14.06*	
		For >500 To 1,000, Deduct	*-27.49*	
		For >1,000, Deduct	*-38.31*	
21 13 13 00-0121	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	96.00	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.51*	
		For >100 To 500, Deduct	*-13.35*	
		For >500 To 1,000, Deduct	*-26.48*	
		For >1,000, Deduct	*-37.30*	
21 13 13 00-0122	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	98.21	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.62*	
		For >100 To 500, Deduct	*-13.63*	
		For >500 To 1,000, Deduct	*-26.88*	
		For >1,000, Deduct	*-37.70*	
21 13 13 00-0123	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	98.21	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.62*	
		For >100 To 500, Deduct	*-13.63*	
		For >500 To 1,000, Deduct	*-26.88*	
		For >1,000, Deduct	*-37.70*	
21 13 13 00-0124	EA	1/2" NPT Thread, K=5.6, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	278.92	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-16.38*	
		For >100 To 500, Deduct	*-36.08*	
		For >500 To 1,000, Deduct	*-58.49*	
		For >1,000, Deduct	*-68.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0125	EA	3/4" NPT Thread, K=8.0, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	307.13	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-18.06*	
		For >100 To 500, Deduct	*-39.74*	
		For >500 To 1,000, Deduct	*-64.48*	
		For >1,000, Deduct	*-75.30*	
21 13 13 00-0126	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	149.51	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-9.91*	
		For >100 To 500, Deduct	*-19.91*	
		For >500 To 1,000, Deduct	*-35.19*	
		For >1,000, Deduct	*-44.93*	
21 13 13 00-0127	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head	183.22	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-11.60*	
		For >100 To 500, Deduct	*-24.12*	
		For >500 To 1,000, Deduct	*-41.26*	
		For >1,000, Deduct	*-51.00*	
21 13 13 00-0128	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Brass Wet Pipe Sprinkler Head	324.21	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-18.65*	
		For >100 To 500, Deduct	*-41.74*	
		For >500 To 1,000, Deduct	*-66.64*	
		For >1,000, Deduct	*-76.38*	
21 13 13 00-0129	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Chrome Wet Pipe Sprinkler Head	412.07	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-23.04*	
		For >100 To 500, Deduct	*-52.73*	
		For >500 To 1,000, Deduct	*-82.45*	
		For >1,000, Deduct	*-92.20*	
21 13 13 00-0130	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	188.62	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-12.14*	
		For >100 To 500, Deduct	*-24.93*	
		For >500 To 1,000, Deduct	*-43.15*	
		For >1,000, Deduct	*-53.97*	
21 13 13 00-0131	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head	189.65	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-12.19*	
		For >100 To 500, Deduct	*-25.06*	
		For >500 To 1,000, Deduct	*-43.34*	
		For >1,000, Deduct	*-54.16*	
21 13 13 00-0132		Sidewall Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*		
21 13 13 00-0133		Horizontal Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0132)*		
21 13 13 00-0134	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	80.50	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.46*	
		For >100 To 500, Deduct	*-11.28*	
		For >500 To 1,000, Deduct	*-22.77*	
		For >1,000, Deduct	*-32.51*	
21 13 13 00-0135	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	82.75	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 500, Deduct	*-11.56*	
		For >500 To 1,000, Deduct	*-23.18*	
		For >1,000, Deduct	*-32.92*	
21 13 13 00-0136	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall White Polyester Coated Wet Pipe Sprinkler Head	86.31	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.75*	
		For >100 To 500, Deduct	*-12.01*	
		For >500 To 1,000, Deduct	*-23.82*	
		For >1,000, Deduct	*-33.56*	
21 13 13 00-0137	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	81.77	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.52*	
		For >100 To 500, Deduct	*-11.44*	
		For >500 To 1,000, Deduct	*-23.00*	
		For >1,000, Deduct	*-32.74*	
21 13 13 00-0138	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	84.06	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.64*	
		For >100 To 500, Deduct	*-11.73*	
		For >500 To 1,000, Deduct	*-23.41*	
		For >1,000, Deduct	*-33.15*	
21 13 13 00-0139	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall White Wet Pipe Sprinkler Head	87.69	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.82*	
		For >100 To 500, Deduct	*-12.18*	
		For >500 To 1,000, Deduct	*-24.06*	
		For >1,000, Deduct	*-33.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0140	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	90.03	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.94*	
		For >100 To 500, Deduct	*-12.47*	
		For >500 To 1,000, Deduct	*-24.49*	
		For >1,000, Deduct	*-34.23*	
21 13 13 00-0141	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	93.70	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-7.12*	
		For >100 To 500, Deduct	*-12.93*	
		For >500 To 1,000, Deduct	*-25.15*	
		For >1,000, Deduct	*-34.89*	
21 13 13 00-0142	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	97.29	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.57*	
		For >100 To 500, Deduct	*-13.51*	
		For >500 To 1,000, Deduct	*-26.71*	
		For >1,000, Deduct	*-37.53*	
21 13 13 00-0143	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	102.78	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.84*	
		For >100 To 500, Deduct	*-14.20*	
		For >500 To 1,000, Deduct	*-27.70*	
		For >1,000, Deduct	*-38.52*	
21 13 13 00-0144	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	97.93	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-7.33*	
		For >100 To 500, Deduct	*-13.46*	
		For >500 To 1,000, Deduct	*-25.91*	
		For >1,000, Deduct	*-35.65*	
21 13 13 00-0145	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	101.57	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-7.51*	
		For >100 To 500, Deduct	*-13.91*	
		For >500 To 1,000, Deduct	*-26.56*	
		For >1,000, Deduct	*-36.31*	
21 13 13 00-0146	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	97.93	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-7.33*	
		For >100 To 500, Deduct	*-13.46*	
		For >500 To 1,000, Deduct	*-25.91*	
		For >1,000, Deduct	*-35.65*	
21 13 13 00-0147	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	101.57	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-7.51*	
		For >100 To 500, Deduct	*-13.91*	
		For >500 To 1,000, Deduct	*-26.56*	
		For >1,000, Deduct	*-36.31*	
21 13 13 00-0148	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	78.58	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.36*	
		For >100 To 500, Deduct	*-11.04*	
		For >500 To 1,000, Deduct	*-22.43*	
		For >1,000, Deduct	*-32.17*	
21 13 13 00-0149	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	80.44	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.46*	
		For >100 To 500, Deduct	*-11.27*	
		For >500 To 1,000, Deduct	*-22.76*	
		For >1,000, Deduct	*-32.50*	
21 13 13 00-0150	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	82.76	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 500, Deduct	*-11.56*	
		For >500 To 1,000, Deduct	*-23.18*	
		For >1,000, Deduct	*-32.92*	
21 13 13 00-0151	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	86.16	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.01*	
		For >100 To 500, Deduct	*-12.12*	
		For >500 To 1,000, Deduct	*-24.71*	
		For >1,000, Deduct	*-35.53*	
21 13 13 00-0152	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	88.16	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.11*	
		For >100 To 500, Deduct	*-12.37*	
		For >500 To 1,000, Deduct	*-25.07*	
		For >1,000, Deduct	*-35.89*	
21 13 13 00-0153	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	90.31	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.22*	
		For >100 To 500, Deduct	*-12.64*	
		For >500 To 1,000, Deduct	*-25.45*	
		For >1,000, Deduct	*-36.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0154	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	87.74	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.09*	
		For >100 To 500, Deduct	*-12.32*	
		For >500 To 1,000, Deduct	*-24.99*	
		For >1,000, Deduct	*-35.81*	
21 13 13 00-0155	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	89.81	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.20*	
		For >100 To 500, Deduct	*-12.58*	
		For >500 To 1,000, Deduct	*-25.36*	
		For >1,000, Deduct	*-36.19*	
21 13 13 00-0156	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	92.05	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.31*	
		For >100 To 500, Deduct	*-12.86*	
		For >500 To 1,000, Deduct	*-25.77*	
		For >1,000, Deduct	*-36.59*	
21 13 13 00-0157	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	92.09	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.31*	
		For >100 To 500, Deduct	*-12.86*	
		For >500 To 1,000, Deduct	*-25.77*	
		For >1,000, Deduct	*-36.60*	
21 13 13 00-0158	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	95.15	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.46*	
		For >100 To 500, Deduct	*-13.25*	
		For >500 To 1,000, Deduct	*-26.33*	
		For >1,000, Deduct	*-37.15*	
21 13 13 00-0159	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	95.15	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-7.46*	
		For >100 To 500, Deduct	*-13.25*	
		For >500 To 1,000, Deduct	*-26.33*	
		For >1,000, Deduct	*-37.15*	
21 13 13 00-0160	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	152.91	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-10.08*	
		For >100 To 500, Deduct	*-20.33*	
		For >500 To 1,000, Deduct	*-35.80*	
		For >1,000, Deduct	*-45.55*	
21 13 13 00-0161	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall White Wet Pipe Sprinkler Head	152.91	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-10.08*	
		For >100 To 500, Deduct	*-20.33*	
		For >500 To 1,000, Deduct	*-35.80*	
		For >1,000, Deduct	*-45.55*	
21 13 13 00-0162	EA	1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Brass Wet Pipe Sprinkler Head	79.36	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.40*	
		For >100 To 500, Deduct	*-11.14*	
		For >500 To 1,000, Deduct	*-22.57*	
		For >1,000, Deduct	*-32.31*	
21 13 13 00-0163	EA	1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	79.36	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.40*	
		For >100 To 500, Deduct	*-11.14*	
		For >500 To 1,000, Deduct	*-22.57*	
		For >1,000, Deduct	*-32.31*	
21 13 13 00-0164	EA	1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall White Wet Pipe Sprinkler Head	79.36	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.40*	
		For >100 To 500, Deduct	*-11.14*	
		For >500 To 1,000, Deduct	*-22.57*	
		For >1,000, Deduct	*-32.31*	
21 13 13 00-0165		Vertical Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0132)*		
21 13 13 00-0166	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Brass Wet Pipe Sprinkler Head	83.42	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.61*	
		For >100 To 500, Deduct	*-11.65*	
		For >500 To 1,000, Deduct	*-23.30*	
		For >1,000, Deduct	*-33.04*	
21 13 13 00-0167	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Chrome Wet Pipe Sprinkler Head	86.22	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.75*	
		For >100 To 500, Deduct	*-12.00*	
		For >500 To 1,000, Deduct	*-23.80*	
		For >1,000, Deduct	*-33.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0168	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall White Wet Pipe Sprinkler Head	87.43	12.17
		For >25 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-6.81*	
		For >100 To 500, Deduct	*-12.15*	
		For >500 To 1,000, Deduct	*-24.02*	
		For >1,000, Deduct	*-33.76*	
21 13 13 00-0169		Concealed Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*		
21 13 13 00-0170		Concealed Pendant Wet-Pipe Sprinkler Heads *(21 13 13 00-0169)*		
21 13 13 00-0171	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head, Low Lead Note: Excludes coverplate	120.13	16.24
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-9.25*	
		For >100 To 500, Deduct	*-16.64*	
		For >500 To 1,000, Deduct	*-32.66*	
		For >1,000, Deduct	*-45.65*	
21 13 13 00-0172	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	87.17	16.24
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-7.61*	
		For >100 To 500, Deduct	*-12.52*	
		For >500 To 1,000, Deduct	*-26.73*	
		For >1,000, Deduct	*-39.71*	
21 13 13 00-0173	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	88.38	16.24
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-7.67*	
		For >100 To 500, Deduct	*-12.67*	
		For >500 To 1,000, Deduct	*-26.95*	
		For >1,000, Deduct	*-39.93*	
21 13 13 00-0174	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	110.14	17.59
		For >25 To 50, Deduct	*-3.52*	
		For >50 To 100, Deduct	*-9.02*	
		For >100 To 500, Deduct	*-15.53*	
		For >500 To 1,000, Deduct	*-31.78*	
		For >1,000, Deduct	*-45.85*	
21 13 13 00-0175	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	104.72	16.24
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-8.48*	
		For >100 To 500, Deduct	*-14.71*	
		For >500 To 1,000, Deduct	*-29.89*	
		For >1,000, Deduct	*-42.87*	
21 13 13 00-0176	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	104.72	16.24
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-8.48*	
		For >100 To 500, Deduct	*-14.71*	
		For >500 To 1,000, Deduct	*-29.89*	
		For >1,000, Deduct	*-42.87*	
21 13 13 00-0177	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	110.14	17.59
		For >25 To 50, Deduct	*-3.52*	
		For >50 To 100, Deduct	*-9.02*	
		For >100 To 500, Deduct	*-15.53*	
		For >500 To 1,000, Deduct	*-31.78*	
		For >1,000, Deduct	*-45.85*	
21 13 13 00-0178	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	97.01	16.24
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-8.10*	
		For >100 To 500, Deduct	*-13.75*	
		For >500 To 1,000, Deduct	*-28.50*	
		For >1,000, Deduct	*-41.49*	
21 13 13 00-0179	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	104.72	16.24
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-8.48*	
		For >100 To 500, Deduct	*-14.71*	
		For >500 To 1,000, Deduct	*-29.89*	
		For >1,000, Deduct	*-42.87*	
21 13 13 00-0180	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	104.72	16.24
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-8.48*	
		For >100 To 500, Deduct	*-14.71*	
		For >500 To 1,000, Deduct	*-29.89*	
		For >1,000, Deduct	*-42.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0181	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	98.83	16.24
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-8.19*	
		For >100 To 500, Deduct	*-13.98*	
		For >500 To 1,000, Deduct	*-28.83*	
		For >1,000, Deduct	*-41.81*	
21 13 13 00-0182	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Adjustable Concealed Pendent Brass Wet Pipe Sprinkler Head	161.49	18.94
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.79*	
		For >50 To 100, Deduct	*-11.86*	
		For >100 To 500, Deduct	*-22.08*	
		For >500 To 1,000, Deduct	*-41.95*	
		For >1,000, Deduct	*-57.10*	
21 13 13 00-0183	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	93.17	16.24
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-7.91*	
		For >100 To 500, Deduct	*-13.27*	
		For >500 To 1,000, Deduct	*-27.81*	
		For >1,000, Deduct	*-40.79*	
21 13 13 00-0184	EA	3/4" NPT Thread, 17/32" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	98.09	17.59
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.52*	
		For >50 To 100, Deduct	*-8.42*	
		For >100 To 500, Deduct	*-14.02*	
		For >500 To 1,000, Deduct	*-29.62*	
		For >1,000, Deduct	*-43.69*	
21 13 13 00-0185	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	94.25	16.24
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-7.96*	
		For >100 To 500, Deduct	*-13.40*	
		For >500 To 1,000, Deduct	*-28.00*	
		For >1,000, Deduct	*-40.99*	
21 13 13 00-0186	EA	3/4" NPT Thread, 17/32" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	99.67	17.59
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.52*	
		For >50 To 100, Deduct	*-8.50*	
		For >100 To 500, Deduct	*-14.22*	
		For >500 To 1,000, Deduct	*-29.90*	
		For >1,000, Deduct	*-43.97*	
21 13 13 00-0187	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	110.64	17.59
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.52*	
		For >50 To 100, Deduct	*-9.05*	
		For >100 To 500, Deduct	*-15.59*	
		For >500 To 1,000, Deduct	*-31.87*	
		For >1,000, Deduct	*-45.94*	
21 13 13 00-0188	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable Chrome Coverplate	186.48	18.94
		For >25 To 50, Deduct	*-3.79*	
		For >50 To 100, Deduct	*-13.11*	
		For >100 To 500, Deduct	*-25.20*	
		For >500 To 1,000, Deduct	*-46.45*	
		For >1,000, Deduct	*-61.60*	
21 13 13 00-0189	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable White Coverplate	186.48	18.94
		For >25 To 50, Deduct	*-3.79*	
		For >50 To 100, Deduct	*-13.11*	
		For >100 To 500, Deduct	*-25.20*	
		For >500 To 1,000, Deduct	*-46.45*	
		For >1,000, Deduct	*-61.60*	
21 13 13 00-0190		Concealed Horizontal Side Wall Wet-Pipe Sprinkler Heads *(21 13 13 00-0169)*		
21 13 13 00-0191	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	129.29	16.24
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-9.71*	
		For >100 To 500, Deduct	*-17.78*	
		For >500 To 1,000, Deduct	*-34.31*	
		For >1,000, Deduct	*-47.30*	
21 13 13 00-0192	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	145.44	17.59
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.52*	
		For >50 To 100, Deduct	*-10.79*	
		For >100 To 500, Deduct	*-19.94*	
		For >500 To 1,000, Deduct	*-38.14*	
		For >1,000, Deduct	*-52.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0193	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	102.50	16.24
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-8.37*	
		For >100 To 500, Deduct	*-14.44*	
		For >500 To 1,000, Deduct	*-29.49*	
		For >1,000, Deduct	*-42.47*	
21 13 13 00-0194	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	103.84	17.59
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.52*	
		For >50 To 100, Deduct	*-8.71*	
		For >100 To 500, Deduct	*-14.74*	
		For >500 To 1,000, Deduct	*-30.65*	
		For >1,000, Deduct	*-44.72*	

21 13 13 00-0195 Institutional Tamper Resistant Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0196	EA	1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head	303.39	13.52
		Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-17.88*	
		For >100 To 500, Deduct	*-39.28*	
		For >500 To 1,000, Deduct	*-63.81*	
		For >1,000, Deduct	*-74.63*	
21 13 13 00-0197	EA	1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	296.18	13.52
		Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-17.51*	
		For >100 To 500, Deduct	*-38.38*	
		For >500 To 1,000, Deduct	*-62.51*	
		For >1,000, Deduct	*-73.33*	
21 13 13 00-0198	EA	1/2" NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head	130.33	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-9.22*	
		For >100 To 500, Deduct	*-17.64*	
		For >500 To 1,000, Deduct	*-32.66*	
		For >1,000, Deduct	*-43.48*	
21 13 13 00-0199	EA	1/2" NPT Thread, K=5.6, Quick Response , Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	145.27	13.52
		For >25 To 50, Deduct	*-2.71*	
		For >50 To 100, Deduct	*-9.97*	
		For >100 To 500, Deduct	*-19.51*	
		For >500 To 1,000, Deduct	*-35.35*	
		For >1,000, Deduct	*-46.17*	

21 13 13 00-0200 Wet Pipe Sprinkler Head Accessories *(21 13 13 00-0011)*

21 13 13 00-0201 Sprinkler Adjustable Steel Drop Nipple *(21 13 13 00-0200)*

21 13 13 00-0202	EA	1" Male NPT x 1/2" Female NPT x 4.125" Minimum Length To 5.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M1.150)	51.45	13.61
		For >25 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-3.71*	
		For >100 To 500, Deduct	*-7.00*	
		For >500 To 1,000, Deduct	*-13.12*	
		For >1,000, Deduct	*-17.66*	
21 13 13 00-0203	EA	1" Male NPT x 1/2" Female NPT x 6.125" Minimum Length To 9.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M3.150)	51.45	13.61
		For >25 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-3.71*	
		For >100 To 500, Deduct	*-7.00*	
		For >500 To 1,000, Deduct	*-13.12*	
		For >1,000, Deduct	*-17.66*	
21 13 13 00-0204	EA	1" Male NPT x 1/2" Female NPT x 7.875" Minimum Length To 10.875" Maximum Length, Adjustable Steel Drop Nipple (Anvil ME3.150)	52.04	13.61
		For >25 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-3.74*	
		For >100 To 500, Deduct	*-7.07*	
		For >500 To 1,000, Deduct	*-13.22*	
		For >1,000, Deduct	*-17.76*	
21 13 13 00-0205	EA	1" Female NPT x 1/2" Female NPT x 3.5" Minimum Length To 4.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F1.150)	45.99	13.61
		For >25 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 500, Deduct	*-6.32*	
		For >500 To 1,000, Deduct	*-12.14*	
		For >1,000, Deduct	*-16.67*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0206	EA	1" Female NPT x 1/2" Female NPT x 4.5" Minimum Length To 6.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F2.150)	45.99	13.61
		For >25 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 500, Deduct	*-6.32*	
		For >500 To 1,000, Deduct	*-12.14*	
		For >1,000, Deduct	*-16.67*	
21 13 13 00-0207	EA	1" Female NPT x 1/2" Female NPT x 5.5" Minimum Length To 8.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.150)	45.99	13.61
		For >25 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 500, Deduct	*-6.32*	
		For >500 To 1,000, Deduct	*-12.14*	
		For >1,000, Deduct	*-16.67*	
21 13 13 00-0208	EA	1" Female NPT x 3/4" Female NPT x 7.35" Minimum Length To 10.35" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.175)	51.35	14.80
		For >25 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-3.80*	
		For >100 To 500, Deduct	*-7.04*	
		For >500 To 1,000, Deduct	*-13.44*	
		For >1,000, Deduct	*-18.37*	
21 13 13 00-0209		Sprinkler Head Escutcheon *(21 13 13 00-0200)*		
21 13 13 00-0210	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	19.90	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.40*	
		For >100 To 500, Deduct	*-2.69*	
		For >500 To 1,000, Deduct	*-4.96*	
		For >1,000, Deduct	*-6.58*	
21 13 13 00-0211	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	13.95	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 500, Deduct	*-1.95*	
		For >500 To 1,000, Deduct	*-3.89*	
		For >1,000, Deduct	*-5.51*	
21 13 13 00-0212	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	13.95	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 500, Deduct	*-1.95*	
		For >500 To 1,000, Deduct	*-3.89*	
		For >1,000, Deduct	*-5.51*	
21 13 13 00-0213	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	19.90	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.40*	
		For >100 To 500, Deduct	*-2.69*	
		For >500 To 1,000, Deduct	*-4.96*	
		For >1,000, Deduct	*-6.58*	
21 13 13 00-0214	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	13.95	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 500, Deduct	*-1.95*	
		For >500 To 1,000, Deduct	*-3.89*	
		For >1,000, Deduct	*-5.51*	
21 13 13 00-0215	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	13.95	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 500, Deduct	*-1.95*	
		For >500 To 1,000, Deduct	*-3.89*	
		For >1,000, Deduct	*-5.51*	
21 13 13 00-0216	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	18.82	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.35*	
		For >100 To 500, Deduct	*-2.56*	
		For >500 To 1,000, Deduct	*-4.77*	
		For >1,000, Deduct	*-6.39*	
21 13 13 00-0217	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	13.95	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 500, Deduct	*-1.95*	
		For >500 To 1,000, Deduct	*-3.89*	
		For >1,000, Deduct	*-5.51*	
21 13 13 00-0218	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	13.95	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 500, Deduct	*-1.95*	
		For >500 To 1,000, Deduct	*-3.89*	
		For >1,000, Deduct	*-5.51*	
21 13 13 00-0219	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	18.82	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.35*	
		For >100 To 500, Deduct	*-2.56*	
		For >500 To 1,000, Deduct	*-4.77*	
		For >1,000, Deduct	*-6.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0220	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	13.95	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 500, Deduct	*-1.95*	
		For >500 To 1,000, Deduct	*-3.89*	
		For >1,000, Deduct	*-5.51*	
21 13 13 00-0221	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	13.95	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 500, Deduct	*-1.95*	
		For >500 To 1,000, Deduct	*-3.89*	
		For >1,000, Deduct	*-5.51*	
21 13 13 00-0222	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off Chrome Sprinkler Head Recessed Escutcheon	19.36	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.37*	
		For >100 To 500, Deduct	*-2.62*	
		For >500 To 1,000, Deduct	*-4.86*	
		For >1,000, Deduct	*-6.49*	
21 13 13 00-0223	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off White Sprinkler Head Recessed Escutcheon	19.36	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.37*	
		For >100 To 500, Deduct	*-2.62*	
		For >500 To 1,000, Deduct	*-4.86*	
		For >1,000, Deduct	*-6.49*	
21 13 13 00-0224	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Brass Sprinkler Head Escutcheon	7.79	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.66*	
		For >100 To 500, Deduct	*-1.11*	
		For >500 To 1,000, Deduct	*-2.32*	
		For >1,000, Deduct	*-3.40*	
21 13 13 00-0225	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	7.04	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.62*	
		For >100 To 500, Deduct	*-1.02*	
		For >500 To 1,000, Deduct	*-2.19*	
		For >1,000, Deduct	*-3.27*	
21 13 13 00-0226	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	7.25	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 500, Deduct	*-1.04*	
		For >500 To 1,000, Deduct	*-2.22*	
		For >1,000, Deduct	*-3.31*	
21 13 13 00-0227	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Brass Sprinkler Head Escutcheon	7.93	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 500, Deduct	*-1.13*	
		For >500 To 1,000, Deduct	*-2.35*	
		For >1,000, Deduct	*-3.43*	
21 13 13 00-0228	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Chrome Sprinkler Head Escutcheon	7.18	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-2.21*	
		For >1,000, Deduct	*-3.29*	
21 13 13 00-0229	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, White Sprinkler Head Escutcheon	7.18	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-2.21*	
		For >1,000, Deduct	*-3.29*	
21 13 13 00-0230	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Bright Brass Sprinkler Head Escutcheon	8.71	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.71*	
		For >100 To 500, Deduct	*-1.22*	
		For >500 To 1,000, Deduct	*-2.49*	
		For >1,000, Deduct	*-3.57*	
21 13 13 00-0231	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	7.16	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-2.21*	
		For >1,000, Deduct	*-3.29*	
21 13 13 00-0232	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	7.16	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-2.21*	
		For >1,000, Deduct	*-3.29*	
21 13 13 00-0233	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Telescoping Escutcheon	11.73	5.00
		For >25 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.97*	
		For >100 To 500, Deduct	*-1.66*	
		For >500 To 1,000, Deduct	*-3.40*	
		For >1,000, Deduct	*-4.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0234	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Telescoping Escutcheon	11.33	5.00
		For >25 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.95*	
		For >100 To 500, Deduct	*-1.61*	
		For >500 To 1,000, Deduct	*-3.33*	
		For >1,000, Deduct	*-4.84*	
21 13 13 00-0235	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, White Sprinkler Head Telescoping Escutcheon	11.46	5.00
		For >25 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.95*	
		For >100 To 500, Deduct	*-1.62*	
		For >500 To 1,000, Deduct	*-3.35*	
		For >1,000, Deduct	*-4.87*	
21 13 13 00-0236	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Telescoping Escutcheon	11.87	5.00
		For >25 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.97*	
		For >100 To 500, Deduct	*-1.67*	
		For >500 To 1,000, Deduct	*-3.43*	
		For >1,000, Deduct	*-4.94*	
21 13 13 00-0237	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Telescoping Escutcheon	11.46	5.00
		For >25 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.95*	
		For >100 To 500, Deduct	*-1.62*	
		For >500 To 1,000, Deduct	*-3.35*	
		For >1,000, Deduct	*-4.87*	
21 13 13 00-0238	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, White Sprinkler Head Telescoping Escutcheon	11.73	5.00
		For >25 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.97*	
		For >100 To 500, Deduct	*-1.66*	
		For >500 To 1,000, Deduct	*-3.40*	
		For >1,000, Deduct	*-4.92*	
21 13 13 00-0239	EA	Flat Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	24.27	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.62*	
		For >100 To 500, Deduct	*-3.24*	
		For >500 To 1,000, Deduct	*-5.75*	
		For >1,000, Deduct	*-7.37*	
21 13 13 00-0240	EA	Flat White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	24.27	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.62*	
		For >100 To 500, Deduct	*-3.24*	
		For >500 To 1,000, Deduct	*-5.75*	
		For >1,000, Deduct	*-7.37*	
21 13 13 00-0241	EA	Conical Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	24.27	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.62*	
		For >100 To 500, Deduct	*-3.24*	
		For >500 To 1,000, Deduct	*-5.75*	
		For >1,000, Deduct	*-7.37*	
21 13 13 00-0242	EA	Conical White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	24.27	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.62*	
		For >100 To 500, Deduct	*-3.24*	
		For >500 To 1,000, Deduct	*-5.75*	
		For >1,000, Deduct	*-7.37*	
21 13 13 00-0243	EA	Chrome Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	24.27	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.62*	
		For >100 To 500, Deduct	*-3.24*	
		For >500 To 1,000, Deduct	*-5.75*	
		For >1,000, Deduct	*-7.37*	
21 13 13 00-0244	EA	White Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	24.27	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.62*	
		For >100 To 500, Deduct	*-3.24*	
		For >500 To 1,000, Deduct	*-5.75*	
		For >1,000, Deduct	*-7.37*	
21 13 13 00-0245	EA	2-Piece Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	27.96	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.80*	
		For >100 To 500, Deduct	*-3.70*	
		For >500 To 1,000, Deduct	*-6.41*	
		For >1,000, Deduct	*-8.03*	
21 13 13 00-0246	EA	2-Piece White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	28.81	4.87
		For >25 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.85*	
		For >100 To 500, Deduct	*-3.80*	
		For >500 To 1,000, Deduct	*-6.56*	
		For >1,000, Deduct	*-8.19*	

21 13 13 00-0247 Coverplate For Sprinkler Heads *(21 13 13 00-0200)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0248	EA	Chrome Coverplate For Concealed Pendent Sprinkler Head	57.22	5.52
		For >25 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-3.32*	
		For >100 To 500, Deduct	*-7.38*	
		For >500 To 1,000, Deduct	*-11.86*	
		For >1,000, Deduct	*-13.70*	
21 13 13 00-0249	EA	White Coverplate For Concealed Pendent Sprinkler Head	27.92	5.52
		For >25 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.86*	
		For >100 To 500, Deduct	*-3.72*	
		For >500 To 1,000, Deduct	*-6.59*	
		For >1,000, Deduct	*-8.43*	
21 13 13 00-0250	EA	Specialty Coverplate For Concealed Pendent Sprinkler Head	40.63	5.52
		For >25 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-2.49*	
		For >100 To 500, Deduct	*-5.31*	
		For >500 To 1,000, Deduct	*-8.88*	
		For >1,000, Deduct	*-10.72*	
21 13 13 00-0251	EA	Brass Coverplate For Concealed Sidewall Sprinkler Head	37.33	5.52
		For >25 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-2.33*	
		For >100 To 500, Deduct	*-4.90*	
		For >500 To 1,000, Deduct	*-8.28*	
		For >1,000, Deduct	*-10.12*	
21 13 13 00-0252	EA	Chrome Coverplate For Concealed Sidewall Sprinkler Head	29.85	5.52
		For >25 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 500, Deduct	*-3.96*	
		For >500 To 1,000, Deduct	*-6.94*	
		For >1,000, Deduct	*-8.78*	
21 13 13 00-0253	EA	White Coverplate For Concealed Sidewall Sprinkler Head	29.85	5.52
		For >25 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 500, Deduct	*-3.96*	
		For >500 To 1,000, Deduct	*-6.94*	
		For >1,000, Deduct	*-8.78*	
21 13 13 00-0254	EA	Off-White Coverplate For Concealed Sidewall Sprinkler Head	37.33	5.52
		For >25 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-2.33*	
		For >100 To 500, Deduct	*-4.90*	
		For >500 To 1,000, Deduct	*-8.28*	
		For >1,000, Deduct	*-10.12*	
21 13 13 00-0255	EA	Black Painted Coverplate For Concealed Sidewall Sprinkler Head	37.33	5.52
		For >25 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-2.33*	
		For >100 To 500, Deduct	*-4.90*	
		For >500 To 1,000, Deduct	*-8.28*	
		For >1,000, Deduct	*-10.12*	
21 13 13 00-0256	EA	Black Plated Coverplate For Concealed Sidewall Sprinkler Head	43.25	5.52
		For >25 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-2.62*	
		For >100 To 500, Deduct	*-5.64*	
		For >500 To 1,000, Deduct	*-9.35*	
		For >1,000, Deduct	*-11.19*	
21 13 13 00-0257	EA	Bright Brass Coverplate For Concealed Sidewall Sprinkler Head	43.25	5.52
		For >25 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-2.62*	
		For >100 To 500, Deduct	*-5.64*	
		For >500 To 1,000, Deduct	*-9.35*	
		For >1,000, Deduct	*-11.19*	
21 13 13 00-0258	EA	Satin Chrome Coverplate For Concealed Sidewall Sprinkler Head	43.25	5.52
		For >25 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-2.62*	
		For >100 To 500, Deduct	*-5.64*	
		For >500 To 1,000, Deduct	*-9.35*	
		For >1,000, Deduct	*-11.19*	
21 13 13 00-0259	EA	Specialty Coverplate For Concealed Sidewall Sprinkler Head	37.36	5.52
		For >25 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-2.33*	
		For >100 To 500, Deduct	*-4.90*	
		For >500 To 1,000, Deduct	*-8.29*	
		For >1,000, Deduct	*-10.13*	
21 13 13 00-0260	EA	White Coverplate For Quick Release Concealed Sidewall Sprinkler Head	63.65	6.49
		For >25 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-3.72*	
		For >100 To 500, Deduct	*-8.23*	
		For >500 To 1,000, Deduct	*-13.30*	
		For >1,000, Deduct	*-15.46*	

21 13 13 00-0261 Sprinkler Escutcheon Extension Tube *(21 13 13 00-0200)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0262	EA	2.18" Diameter x 4" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	14.70	3.25
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-1.01*	
		For >100 To 500, Deduct	*-1.97*	
		For >500 To 1,000, Deduct	*-3.57*	
		For >1,000, Deduct	*-4.65*	
21 13 13 00-0263	EA	2.18" Diameter x 6" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	19.10	3.41
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-1.24*	
		For >100 To 500, Deduct	*-2.53*	
		For >500 To 1,000, Deduct	*-4.40*	
		For >1,000, Deduct	*-5.54*	
21 13 13 00-0264	EA	2.18" Diameter x 8" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	24.02	3.57
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 500, Deduct	*-3.15*	
		For >500 To 1,000, Deduct	*-5.34*	
		For >1,000, Deduct	*-6.53*	
21 13 13 00-0265	EA	2.18" Diameter x 10" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	28.41	3.73
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 500, Deduct	*-3.71*	
		For >500 To 1,000, Deduct	*-6.17*	
		For >1,000, Deduct	*-7.42*	
21 13 13 00-0266		**Sprinkler Head Guards** *(21 13 13 00-0200)*		
21 13 13 00-0267	EA	Universal Sprinkler Head Guard, C-1	22.15	9.75
		For >25 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.92*	
		For >100 To 500, Deduct	*-3.17*	
		For >500 To 1,000, Deduct	*-6.75*	
		For >1,000, Deduct	*-10.00*	
21 13 13 00-0268	EA	Dry Pendent Sprinkler Head Guard, C-2	24.44	9.75
		For >25 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.03*	
		For >100 To 500, Deduct	*-3.46*	
		For >500 To 1,000, Deduct	*-7.16*	
		For >1,000, Deduct	*-10.41*	
21 13 13 00-0269	EA	Upright Sprinkler Head Guard With Water Shield, C-3	28.34	9.75
		For >25 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 500, Deduct	*-3.95*	
		For >500 To 1,000, Deduct	*-7.86*	
		For >1,000, Deduct	*-11.11*	
21 13 13 00-0270	EA	Pendent Sprinkler Head Guard With Water Shield, C-5	33.16	9.75
		For >25 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.47*	
		For >100 To 500, Deduct	*-4.55*	
		For >500 To 1,000, Deduct	*-8.73*	
		For >1,000, Deduct	*-11.98*	
21 13 13 00-0271	EA	Universal Sprinkler Head Guard, D-1	24.35	9.75
		For >25 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.03*	
		For >100 To 500, Deduct	*-3.45*	
		For >500 To 1,000, Deduct	*-7.14*	
		For >1,000, Deduct	*-10.39*	
21 13 13 00-0272	EA	Upright Sprinkler Head Guard With Water Shield, D-3	25.84	9.75
		For >25 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.10*	
		For >100 To 500, Deduct	*-3.64*	
		For >500 To 1,000, Deduct	*-7.41*	
		For >1,000, Deduct	*-10.66*	
21 13 13 00-0273	EA	Pendent Sprinkler Head Guard With Large Water Shield, D-4	36.88	9.75
		For >25 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.66*	
		For >100 To 500, Deduct	*-5.02*	
		For >500 To 1,000, Deduct	*-9.40*	
		For >1,000, Deduct	*-12.65*	
21 13 13 00-0274	EA	Pendent Sprinkler Head Guard With Small Water Shield, D-5	34.66	9.75
		For >25 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.55*	
		For >100 To 500, Deduct	*-4.74*	
		For >500 To 1,000, Deduct	*-9.00*	
		For >1,000, Deduct	*-12.25*	
21 13 13 00-0275		**Replacement Sprinkler Escutcheon** *(21 13 13 00-0200)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0276	EA	Push On, Brass Replacement Sprinkler Escutcheon	10.52	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.80*	
		For >100 To 500, Deduct	*-1.45*	
		For >500 To 1,000, Deduct	*-2.81*	
		For >1,000, Deduct	*-3.90*	
21 13 13 00-0277	EA	Push On, Chrome Replacement Sprinkler Escutcheon	10.45	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.80*	
		For >1,000, Deduct	*-3.88*	
21 13 13 00-0278	EA	Push On, White Replacement Sprinkler Escutcheon	10.45	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.80*	
		For >1,000, Deduct	*-3.88*	
21 13 13 00-0279	EA	Flush, Brass Replacement Sprinkler Escutcheon	10.45	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.80*	
		For >1,000, Deduct	*-3.88*	
21 13 13 00-0280	EA	Flush, Chrome Replacement Sprinkler Escutcheon	10.45	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.80*	
		For >1,000, Deduct	*-3.88*	
21 13 13 00-0281	EA	Flush, White Replacement Sprinkler Escutcheon	12.70	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.91*	
		For >100 To 500, Deduct	*-1.72*	
		For >500 To 1,000, Deduct	*-3.21*	
		For >1,000, Deduct	*-4.29*	
21 13 13 00-0282	EA	Deep, Brass Replacement Sprinkler Escutcheon	10.45	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.80*	
		For >1,000, Deduct	*-3.88*	
21 13 13 00-0283	EA	Deep, Chrome Replacement Sprinkler Escutcheon	10.45	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.80*	
		For >1,000, Deduct	*-3.88*	
21 13 13 00-0284	EA	Deep, White Replacement Sprinkler Escutcheon	10.45	3.57
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.80*	
		For >1,000, Deduct	*-3.88*	
21 13 13 00-0285		Pendent Shield And O-Ring Assembly *(21 13 13 00-0200)*		
21 13 13 00-0286	EA	Pendent Shield And O-Ring Assembly	16.88	7.15
		For >25 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.39*	
		For >100 To 500, Deduct	*-2.38*	
		For >500 To 1,000, Deduct	*-4.88*	
		For >1,000, Deduct	*-7.04*	
21 13 13 00-0287		Replacement Insulating Sealing Assembly *(21 13 13 00-0200)*		
21 13 13 00-0288	EA	Insulating Sealing Assembly	68.91	16.24
		For >100 To 500, Deduct	*-9.43*	
		For >500 To 1,000, Deduct	*-17.92*	
21 13 13 00-0289		Flexible Sprinkler Piping *(21 13 13 00-0011)*		
		Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet.		
21 13 13 00-0290	EA	2' Long, 3/4" Stainless Steel Flexible Sprinkler Piping	73.60	16.78
		Note: Includes ceiling mounting bracket.		
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-5.37*	
		For >100 To 500, Deduct	*-10.05*	
		For >500 To 1,000, Deduct	*-19.00*	
		For >1,000, Deduct	*-25.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0291	EA	3' Long, 3/4" Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	81.45	17.31
		For >25 To 50, Deduct	*-1.78*	
		For >50 To 100, Deduct	*-5.85*	
		For >100 To 500, Deduct	*-11.07*	
		For >500 To 1,000, Deduct	*-20.71*	
		For >1,000, Deduct	*-27.84*	
21 13 13 00-0292	EA	4' Long, 3/4" Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	89.45	18.40
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-6.35*	
		For >100 To 500, Deduct	*-12.12*	
		For >500 To 1,000, Deduct	*-22.49*	
		For >1,000, Deduct	*-30.01*	
21 13 13 00-0293	EA	5' Long, 3/4" Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	97.73	19.48
		For >25 To 50, Deduct	*-1.99*	
		For >50 To 100, Deduct	*-6.88*	
		For >100 To 500, Deduct	*-13.21*	
		For >500 To 1,000, Deduct	*-24.36*	
		For >1,000, Deduct	*-32.31*	
21 13 13 00-0294	EA	6' Long, 3/4" Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	106.26	21.65
		For >25 To 50, Deduct	*-2.11*	
		For >50 To 100, Deduct	*-7.43*	
		For >100 To 500, Deduct	*-14.34*	
		For >500 To 1,000, Deduct	*-26.31*	
		For >1,000, Deduct	*-34.77*	

21 13 13 00-0295 Sprinkler Emergency Cabinets *(21 13 13 00-0011)*

21 13 13 00-0296	EA	3 Capacity Emergency Sprinkler Cabinet, A4	110.33
21 13 13 00-0297	EA	6 Capacity Emergency Sprinkler Cabinet, A4	115.74
21 13 13 00-0298	EA	12 Capacity Emergency Sprinkler Cabinet, A4	122.88
21 13 13 00-0299	EA	12 Capacity Emergency Sprinkler Cabinet, A3	385.25
21 13 13 00-0300	EA	Sprinkler Wrench, RC1	185.94
21 13 13 00-0301	EA	Sprinkler Wrench, FC	185.21
21 13 13 00-0302	EA	Sprinkler Wrench, W2	61.50

21 13 16 Dry-Pipe Sprinkler Systems *(21 13)*

21 13 16 00-0001 Complete Dry Pipe Sprinkler Systems *(21 13 16)*

Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1456 for individual grooved pipe, 23 21 13 23-1529 for individual grooved pipe fittings.

21 13 16 00-0002 Light Hazard, Dry-Pipe Sprinkler Systems *(21 13 16 00-0001)*

21 13 16 00-0003	EA	Exposed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	736.50
		For Up To 5, Add	*324.99*
		For >5 To 10, Add	*149.63*
		For >10 To 20, Add	*119.24*
		For >20 To 40, Add	*52.02*
		For >100 To 150, Deduct	*-73.65*
		For >150, Deduct	*-147.30*
		For Copper Pipe, Add	*95.28*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-132.10*
21 13 16 00-0004	EA	Concealed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	883.58
		For Up To 5, Add	*394.66*
		For >5 To 10, Add	*191.42*
		For >10 To 20, Add	*150.19*
		For >20 To 40, Add	*64.79*
		For >100 To 150, Deduct	*-88.36*
		For >150, Deduct	*-176.72*
		For Copper Pipe, Add	*111.93*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-156.10*
		For Work In Restricted Working Space, Add	*123.67*

21 13 16 00-0005 Ordinary Hazard, Dry-Pipe Sprinkler Systems *(21 13 16 00-0001)*

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0006	EA	Exposed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	758.03	
		For Up To 5, Add	*333.22*	
		For >5 To 10, Add	*150.83*	
		For >10 To 20, Add	*120.82*	
		For >20 To 40, Add	*52.91*	
		For >100 To 150, Deduct	*-75.80*	
		For >150, Deduct	*-151.61*	
		For Copper Pipe, Add	*98.70*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-136.60*	
21 13 16 00-0007	EA	Concealed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	899.51	
		For Up To 5, Add	*400.53*	
		For >5 To 10, Add	*191.77*	
		For >10 To 20, Add	*151.04*	
		For >20 To 40, Add	*65.34*	
		For >100 To 150, Deduct	*-89.95*	
		For >150, Deduct	*-179.90*	
		For Copper Pipe, Add	*114.56*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-159.54*	
		For Work In Restricted Working Space, Add	*122.18*	
21 13 16 00-0008		**Extra Hazard, Dry-Pipe Sprinkler Systems** *(21 13 16 00-0001)*		
21 13 16 00-0009	EA	Exposed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	713.56	
		For Up To 5, Add	*313.39*	
		For >5 To 10, Add	*141.27*	
		For >10 To 20, Add	*113.31*	
		For >20 To 40, Add	*49.66*	
		For >100 To 150, Deduct	*-71.36*	
		For >150, Deduct	*-142.71*	
		For Copper Pipe, Add	*93.05*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-128.73*	
21 13 16 00-0010	EA	Concealed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	837.10	
		For Up To 5, Add	*372.77*	
		For >5 To 10, Add	*178.55*	
		For >10 To 20, Add	*140.61*	
		For >20 To 40, Add	*60.82*	
		For >100 To 150, Deduct	*-83.71*	
		For >150, Deduct	*-167.42*	
		For Copper Pipe, Add	*106.60*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-148.45*	
		For Work In Restricted Working Space, Add	*113.80*	
21 13 16 00-0011		**Dry-Pipe Sprinkler System Compressors** *(21 13 16 00-0001)*		
21 13 16 00-0012	EA	Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge	2,550.10	306.31
21 13 16 00-0013	EA	Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge	2,665.78	306.31
21 13 16 00-0014	EA	Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge	2,763.38	306.31
21 13 16 00-0015	EA	Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge	3,142.93	306.31
21 13 16 00-0016		**Dry Pipe Sprinkler System Components** *(21 13 16)*		
21 13 16 00-0017		**Dry Pipe Valves** *(21 13 16 00-0016)* Note: Excludes trim package See CSI section 21 13 16 00-0022 for Dry Pipe Valve Trim.		
21 13 16 00-0018	EA	2-1/2" Dry Pipe Valve	3,336.56	135.61
21 13 16 00-0019	EA	3" Dry Pipe Valve	3,715.46	155.34
21 13 16 00-0020	EA	4" Dry Pipe Valve	4,156.90	263.84
21 13 16 00-0021	EA	6" Dry Pipe Valve	5,271.28	332.88
21 13 16 00-0022		**Dry Pipe Valve Trim** *(21 13 16 00-0016)* Note: Includes gauges, pressure switch, air supply and drain lines.		
21 13 16 00-0023	EA	2-1/2" Dry Pipe Valve Trim	1,746.52	287.01
21 13 16 00-0024	EA	3" Dry Pipe Valve Trim	1,746.52	287.01
21 13 16 00-0025	EA	4" Dry Pipe Valve Trim	2,016.65	393.53
21 13 16 00-0026	EA	6" Dry Pipe Valve Trim	2,273.09	547.39
21 13 16 00-0027		**Recessed Pendent Dry Pipe Sprinkler Heads, Quick Response** *(21 13 16 00-0016)*		
21 13 16 00-0028	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	221.38	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-14.32*	
		For >100 To 500, Deduct	*-29.30*	
		For >500 To 1,000, Deduct	*-50.89*	
		For >1,000, Deduct	*-63.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0029	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	230.39	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-14.77*	
		For >100 To 500, Deduct	*-30.42*	
		For >500 To 1,000, Deduct	*-52.51*	
		For >1,000, Deduct	*-65.49*	
21 13 16 00-0030	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	239.40	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-15.22*	
		For >100 To 500, Deduct	*-31.55*	
		For >500 To 1,000, Deduct	*-54.13*	
		For >1,000, Deduct	*-67.12*	
21 13 16 00-0031	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	248.44	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-15.67*	
		For >100 To 500, Deduct	*-32.68*	
		For >500 To 1,000, Deduct	*-55.76*	
		For >1,000, Deduct	*-68.74*	
21 13 16 00-0032	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	257.46	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-16.12*	
		For >100 To 500, Deduct	*-33.81*	
		For >500 To 1,000, Deduct	*-57.38*	
		For >1,000, Deduct	*-70.37*	
21 13 16 00-0033	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	266.48	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-16.57*	
		For >100 To 500, Deduct	*-34.93*	
		For >500 To 1,000, Deduct	*-59.00*	
		For >1,000, Deduct	*-71.99*	
21 13 16 00-0034	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	275.49	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-17.02*	
		For >100 To 500, Deduct	*-36.06*	
		For >500 To 1,000, Deduct	*-60.63*	
		For >1,000, Deduct	*-73.61*	
21 13 16 00-0035	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	284.53	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-17.47*	
		For >100 To 500, Deduct	*-37.19*	
		For >500 To 1,000, Deduct	*-62.25*	
		For >1,000, Deduct	*-75.24*	
21 13 16 00-0036	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	293.53	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-17.92*	
		For >100 To 500, Deduct	*-38.31*	
		For >500 To 1,000, Deduct	*-63.87*	
		For >1,000, Deduct	*-76.86*	
21 13 16 00-0037	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	302.55	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-18.37*	
		For >100 To 500, Deduct	*-39.44*	
		For >500 To 1,000, Deduct	*-65.50*	
		For >1,000, Deduct	*-78.48*	
21 13 16 00-0038	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	311.59	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-18.83*	
		For >100 To 500, Deduct	*-40.57*	
		For >500 To 1,000, Deduct	*-67.12*	
		For >1,000, Deduct	*-80.11*	
21 13 16 00-0039	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	320.60	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-19.28*	
		For >100 To 500, Deduct	*-41.70*	
		For >500 To 1,000, Deduct	*-68.75*	
		For >1,000, Deduct	*-81.73*	
21 13 16 00-0040	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	329.64	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-19.73*	
		For >100 To 500, Deduct	*-42.83*	
		For >500 To 1,000, Deduct	*-70.37*	
		For >1,000, Deduct	*-83.36*	
21 13 16 00-0041	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	338.64	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-20.18*	
		For >100 To 500, Deduct	*-43.95*	
		For >500 To 1,000, Deduct	*-71.99*	
		For >1,000, Deduct	*-84.98*	
21 13 16 00-0042	EA	45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	347.67	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-20.63*	
		For >100 To 500, Deduct	*-45.08*	
		For >500 To 1,000, Deduct	*-73.62*	
		For >1,000, Deduct	*-86.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0043		Sidewall Dry Pipe Sprinkler Heads, Quick Response *(21 13 16 00-0016)*		
21 13 16 00-0044	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	219.20	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-14.21*	
		For >100 To 500, Deduct	*-29.02*	
		For >500 To 1,000, Deduct	*-50.49*	
		For >1,000, Deduct	*-63.48*	
21 13 16 00-0045	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	228.23	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-14.66*	
		For >100 To 500, Deduct	*-30.15*	
		For >500 To 1,000, Deduct	*-52.12*	
		For >1,000, Deduct	*-65.11*	
21 13 16 00-0046	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	237.27	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-15.11*	
		For >100 To 500, Deduct	*-31.28*	
		For >500 To 1,000, Deduct	*-53.75*	
		For >1,000, Deduct	*-66.73*	
21 13 16 00-0047	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	246.26	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-15.56*	
		For >100 To 500, Deduct	*-32.41*	
		For >500 To 1,000, Deduct	*-55.36*	
		For >1,000, Deduct	*-68.35*	
21 13 16 00-0048	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	255.29	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-16.01*	
		For >100 To 500, Deduct	*-33.53*	
		For >500 To 1,000, Deduct	*-56.99*	
		For >1,000, Deduct	*-69.98*	
21 13 16 00-0049	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	264.30	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-16.46*	
		For >100 To 500, Deduct	*-34.66*	
		For >500 To 1,000, Deduct	*-58.61*	
		For >1,000, Deduct	*-71.60*	
21 13 16 00-0050	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	273.35	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-16.91*	
		For >100 To 500, Deduct	*-35.79*	
		For >500 To 1,000, Deduct	*-60.24*	
		For >1,000, Deduct	*-73.23*	
21 13 16 00-0051	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	282.37	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-17.37*	
		For >100 To 500, Deduct	*-36.92*	
		For >500 To 1,000, Deduct	*-61.86*	
		For >1,000, Deduct	*-74.85*	
21 13 16 00-0052	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	291.36	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-17.81*	
		For >100 To 500, Deduct	*-38.04*	
		For >500 To 1,000, Deduct	*-63.48*	
		For >1,000, Deduct	*-76.47*	
21 13 16 00-0053	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	300.38	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-18.27*	
		For >100 To 500, Deduct	*-39.17*	
		For >500 To 1,000, Deduct	*-65.11*	
		For >1,000, Deduct	*-78.09*	
21 13 16 00-0054	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	309.41	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-18.72*	
		For >100 To 500, Deduct	*-40.30*	
		For >500 To 1,000, Deduct	*-66.73*	
		For >1,000, Deduct	*-79.72*	
21 13 16 00-0055	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	318.43	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-19.17*	
		For >100 To 500, Deduct	*-41.43*	
		For >500 To 1,000, Deduct	*-68.36*	
		For >1,000, Deduct	*-81.34*	
21 13 16 00-0056	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	345.50	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-20.52*	
		For >100 To 500, Deduct	*-44.81*	
		For >500 To 1,000, Deduct	*-73.23*	
		For >1,000, Deduct	*-86.21*	
21 13 16 00-0057	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	354.53	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-20.97*	
		For >100 To 500, Deduct	*-45.94*	
		For >500 To 1,000, Deduct	*-74.85*	
		For >1,000, Deduct	*-87.84*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0058	EA	45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	358.12	21.43
		For >25 To 50, Deduct	*-3.25*	
		For >50 To 100, Deduct	*-21.15*	
		For >100 To 500, Deduct	*-46.39*	
		For >500 To 1,000, Deduct	*-75.50*	
		For >1,000, Deduct	*-88.49*	
21 13 16 00-0059		Pendent Dry Pipe Sprinkler Head, Early Suppression, Fast Response *(21 13 16 00-0016)*		
21 13 16 00-0060	EA	23" Length, 1-1/4" NPT Thread, K=16.8, Early Suppression, Fast Response, Brass Pendent Dry Pipe Sprinkler Head	989.14	21.43
		For >25 To 50, Deduct	*-3.52*	
		For >50 To 100, Deduct	*-52.97*	
		For >100 To 500, Deduct	*-125.40*	
		For >500 To 1,000, Deduct	*-190.00*	
		For >1,000, Deduct	*-204.07*	
21 13 16 00-0061	EA	30" Length, 1-1/4" NPT Thread, K=16.8, Early Suppression, Fast Response, Brass Pendent Dry Pipe Sprinkler Head	989.14	21.43
		For >25 To 50, Deduct	*-3.52*	
		For >50 To 100, Deduct	*-52.97*	
		For >100 To 500, Deduct	*-125.40*	
		For >500 To 1,000, Deduct	*-190.00*	
		For >1,000, Deduct	*-204.07*	
21 13 16 00-0062	EA	36" Length, 1-1/4" NPT Thread, K=16.8, Early Suppression, Fast Response, Brass Pendent Dry Pipe Sprinkler Head	989.14	21.43
		For >25 To 50, Deduct	*-3.52*	
		For >50 To 100, Deduct	*-52.97*	
		For >100 To 500, Deduct	*-125.40*	
		For >500 To 1,000, Deduct	*-190.00*	
		For >1,000, Deduct	*-204.07*	
21 13 16 00-0063	EA	36" Length, 1-1/4" ISO Thread, K=16.8, Early Suppression, Fast Response, Brass Pendent Dry Pipe Sprinkler Head	989.14	21.43
		For >25 To 50, Deduct	*-3.52*	
		For >50 To 100, Deduct	*-52.97*	
		For >100 To 500, Deduct	*-125.40*	
		For >500 To 1,000, Deduct	*-190.00*	
		For >1,000, Deduct	*-204.07*	

21 13 19 Preaction Sprinkler Systems *(21 13)*

21 13 19 00-0001 Complete Preaction Sprinkler Systems *(21 13 19)*

Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. See CSI section 23 21 13 23-1456 for individual grooved pipe, 23 21 13 23-1529 for individual grooved pipe fittings.

21 13 19 00-0002 Ordinary Hazard, Preaction Sprinkler Systems *(21 13 19 00-0001)*

21 13 19 00-0003	EA	Exposed Piping, Ordinary Hazard, Preaction Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	694.19	
		For Up To 5, Add	*307.69*	
		For >5 To 10, Add	*183.86*	
		For >10 To 20, Add	*114.44*	
		For >20 To 40, Add	*49.72*	
		For >100 To 150, Deduct	*-69.42*	
		For >150, Deduct	*-138.84*	

21 13 19 00-0004 Extra Hazard, Preaction Sprinkler Systems *(21 13 19 00-0001)*

21 13 19 00-0005	EA	Exposed Piping, Extra Hazard, Preaction Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	646.05	
		For Up To 5, Add	*286.39*	
		For >5 To 10, Add	*171.16*	
		For >10 To 20, Add	*106.56*	
		For >20 To 40, Add	*46.29*	
		For >100 To 150, Deduct	*-64.61*	
		For >150, Deduct	*-129.21*	

21 13 26 Deluge Fire-Suppression Sprinkler Systems *(21 13)*

21 13 26 00-0001 Deluge Fire-Suppression Sprinkler Systems Equipment *(21 13 26)*

21 13 26 00-0002 Deluge Valves With Required Trim And Release Equipment *(21 13 26 00-0001)*

21 13 26 00-0003	EA	3" Deluge Valve With Trim And Release Equipment	7,354.40	601.32
21 13 26 00-0004	EA	4" Deluge Valve With Trim And Release Equipment	8,435.22	676.43
21 13 26 00-0005	EA	6" Deluge Valve With Trim And Release Equipment	10,433.49	983.91

21 13 39 Foam-Water Systems *(21 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 39 00-0001		**Foam Control Valves And Monitors** *(21 13 39)*		
21 13 39 00-0002		**Control Valves** *(21 13 39 00-0001)*		
21 13 39 00-0003	EA	3" Foam Control Valve	3,434.63	601.32
21 13 39 00-0004		**Supply Valves** *(21 13 39 00-0001)*		
21 13 39 00-0005	EA	2-1/2" Foam Supply Valve	3,088.92	676.43
21 13 39 00-0006		**Proportioners** *(21 13 39 00-0001)*		
21 13 39 00-0007	EA	8" Foam Proportioner	2,522.79	983.91
21 13 39 00-0008		**Monitors** *(21 13 39 00-0001)*		
21 13 39 00-0009	EA	Oscillating Foam Monitor	3,595.04	135.29
21 13 41		**Fire-Suppression Sprinkler Piping** *(21 13)*		
		See CSI section 23 21 13 23-0001 for threaded black steel piping, 23 21 13 23-0374 for welded black steel piping, 23 21 13 23-0858 for flanged black steel pipe fittings, 23 21 13 23-1456 for grooved pipe, 23 21 13 23-1529 for grooved pipe fittings, 33 14 13 13-0001 for ductile iron pipe and fittings.		
21 13 41 00-0001		**Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe** *(21 13 41)* Note: SDR 13.5		
21 13 41 00-0002		**Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe** *(21 13 41 00-0001)*		
21 13 41 00-0003	LF	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	5.79	1.73
		For Work In Restricted Working Space, Add	*1.30*	
21 13 41 00-0004	LF	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	6.90	1.84
		For Work In Restricted Working Space, Add	*1.40*	
21 13 41 00-0005	LF	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	8.61	2.06
		For Work In Restricted Working Space, Add	*1.53*	
21 13 41 00-0006	LF	1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	10.50	2.28
		For Work In Restricted Working Space, Add	*1.69*	
21 13 41 00-0007	LF	2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	13.43	2.49
		For Work In Restricted Working Space, Add	*1.88*	
21 13 41 00-0008	LF	2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	18.29	2.81
		For Work In Restricted Working Space, Add	*2.15*	
21 13 41 00-0009	LF	3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	25.42	3.36
		For Work In Restricted Working Space, Add	*2.54*	
21 13 41 00-0010		**Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0011	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	27.87	10.39
		For Work In Restricted Working Space, Add	*7.79*	
21 13 41 00-0012	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	36.70	12.99
		For Work In Restricted Working Space, Add	*9.77*	
21 13 41 00-0013	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	45.92	16.24
		For Work In Restricted Working Space, Add	*12.21*	
21 13 41 00-0014	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	52.41	17.97
		For Work In Restricted Working Space, Add	*13.51*	
21 13 41 00-0015	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	59.43	20.13
		For Work In Restricted Working Space, Add	*15.07*	
21 13 41 00-0016	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	74.84	22.84
		For Work In Restricted Working Space, Add	*17.14*	
21 13 41 00-0017	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	91.61	27.06
		For Work In Restricted Working Space, Add	*20.26*	
21 13 41 00-0018		**Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0019	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	28.54	10.39
		For Work In Restricted Working Space, Add	*7.79*	
21 13 41 00-0020	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	35.63	12.99
		For Work In Restricted Working Space, Add	*9.77*	
21 13 41 00-0021	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	45.11	16.24
		For Work In Restricted Working Space, Add	*12.21*	
21 13 41 00-0022	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	51.12	17.97
		For Work In Restricted Working Space, Add	*13.51*	
21 13 41 00-0023	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	57.81	20.13
		For Work In Restricted Working Space, Add	*15.07*	
21 13 41 00-0024	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	70.77	22.84
		For Work In Restricted Working Space, Add	*17.14*	
21 13 41 00-0025	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	87.13	27.06
		For Work In Restricted Working Space, Add	*20.26*	
21 13 41 00-0026		**Chlorinated Polyvinyl Chloride (CPVC) Tees, Fire Sprinkler Piping** *(21 13 41 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0027	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	41.53	15.58
		For Work In Restricted Working Space, Add	*11.69*	
21 13 41 00-0028	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	54.00	19.59
		For Work In Restricted Working Space, Add	*14.68*	
21 13 41 00-0029	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	68.69	24.46
		For Work In Restricted Working Space, Add	*18.31*	
21 13 41 00-0030	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	78.79	27.06
		For Work In Restricted Working Space, Add	*20.26*	
21 13 41 00-0031	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	92.01	30.08
		For Work In Restricted Working Space, Add	*22.60*	
21 13 41 00-0032	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	112.83	34.31
		For Work In Restricted Working Space, Add	*25.71*	
21 13 41 00-0033	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	133.31	40.47
		For Work In Restricted Working Space, Add	*30.39*	
21 13 41 00-0034		**Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0035	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	49.89	18.29
		For Work In Restricted Working Space, Add	*13.67*	
21 13 41 00-0036	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	64.87	22.84
		For Work In Restricted Working Space, Add	*17.08*	
21 13 41 00-0037	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	72.61	25.22
		For Work In Restricted Working Space, Add	*18.90*	
21 13 41 00-0038	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	85.68	28.14
		For Work In Restricted Working Space, Add	*21.11*	
21 13 41 00-0039	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	101.06	32.04
		For Work In Restricted Working Space, Add	*23.99*	
21 13 41 00-0040	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	118.93	37.77
		For Work In Restricted Working Space, Add	*28.38*	
21 13 41 00-0041		**Chlorinated Polyvinyl Chloride (CPVC) Crosses, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0042	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	56.02	20.78
		For Work In Restricted Working Space, Add	*15.59*	
21 13 41 00-0043	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	70.23	26.08
		For Work In Restricted Working Space, Add	*19.55*	
21 13 41 00-0044	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	88.44	32.57
		For Work In Restricted Working Space, Add	*24.42*	
21 13 41 00-0045	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	99.67	36.04
		For Work In Restricted Working Space, Add	*27.02*	
21 13 41 00-0046	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	116.30	40.15
		For Work In Restricted Working Space, Add	*30.13*	
21 13 41 00-0047	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	148.86	45.67
		For Work In Restricted Working Space, Add	*34.29*	
21 13 41 00-0048		**Chlorinated Polyvinyl Chloride (CPVC) Couplings, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0049	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	19.13	6.92
		For Work In Restricted Working Space, Add	*5.19*	
21 13 41 00-0050	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	25.64	9.31
		For Work In Restricted Working Space, Add	*6.98*	
21 13 41 00-0051	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	33.98	12.23
		For Work In Restricted Working Space, Add	*9.16*	
21 13 41 00-0052	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	38.71	13.52
		For Work In Restricted Working Space, Add	*10.13*	
21 13 41 00-0053	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	44.36	15.05
		For Work In Restricted Working Space, Add	*11.30*	
21 13 41 00-0054	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	53.11	17.10
		For Work In Restricted Working Space, Add	*12.86*	
21 13 41 00-0055	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	64.02	20.24
		For Work In Restricted Working Space, Add	*15.20*	
21 13 41 00-0056		**Chlorinated Polyvinyl Chloride (CPVC) Caps, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0057	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	9.75	3.47
		For Work In Restricted Working Space, Add	*2.60*	
21 13 41 00-0058	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	15.52	5.62
		For Work In Restricted Working Space, Add	*4.19*	
21 13 41 00-0059	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	17.77	6.06
		For Work In Restricted Working Space, Add	*4.58*	
21 13 41 00-0060	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	20.34	6.71
		For Work In Restricted Working Space, Add	*5.06*	
21 13 41 00-0061	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	24.06	7.58
		For Work In Restricted Working Space, Add	*5.65*	
21 13 41 00-0062	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	28.96	8.55
		For Work In Restricted Working Space, Add	*6.43*	
21 13 41 00-0063	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	37.54	10.17
		For Work In Restricted Working Space, Add	*7.60*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0064			**Chlorinated Polyvinyl Chloride (CPVC) Reducer Bushing, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
	21 13 41 00-0065	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	27.07	10.28
			For Work In Restricted Working Space, Add	*7.70*	
	21 13 41 00-0066	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	35.86	13.42
			For Work In Restricted Working Space, Add	*10.07*	
	21 13 41 00-0067	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	39.63	14.82
			For Work In Restricted Working Space, Add	*11.14*	
	21 13 41 00-0068	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	45.12	16.56
			For Work In Restricted Working Space, Add	*12.44*	
	21 13 41 00-0069	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	53.49	18.84
			For Work In Restricted Working Space, Add	*14.16*	
	21 13 41 00-0070	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	65.24	22.29
			For Work In Restricted Working Space, Add	*16.72*	
21 13 41 00-0071			**Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
	21 13 41 00-0072	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	23.79	7.58
			For Work In Restricted Working Space, Add	*5.72*	
	21 13 41 00-0073	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	30.67	10.28
			For Work In Restricted Working Space, Add	*7.70*	
21 13 41 00-0074			**Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
	21 13 41 00-0075	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	23.79	7.58
			For Work In Restricted Working Space, Add	*5.72*	
	21 13 41 00-0076	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	30.67	10.28
			For Work In Restricted Working Space, Add	*7.70*	
21 13 41 00-0077			**Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
	21 13 41 00-0078	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	27.79	9.31
			For Work In Restricted Working Space, Add	*7.01*	
	21 13 41 00-0079	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	35.51	11.69
			For Work In Restricted Working Space, Add	*8.80*	
	21 13 41 00-0080	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 3/4" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	36.86	11.69
			For Work In Restricted Working Space, Add	*8.80*	
21 13 41 00-0081			**Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
	21 13 41 00-0082	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	45.66	15.58
			For Work In Restricted Working Space, Add	*11.69*	
	21 13 41 00-0083	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	56.17	19.59
			For Work In Restricted Working Space, Add	*14.68*	
	21 13 41 00-0084	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	73.11	24.46
			For Work In Restricted Working Space, Add	*18.31*	
	21 13 41 00-0085	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	83.47	27.06
			For Work In Restricted Working Space, Add	*20.26*	
	21 13 41 00-0086	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	97.70	30.08
			For Work In Restricted Working Space, Add	*22.60*	

21 20 Fire-Extinguishing Systems *(21)*

21 21 Carbon-Dioxide Fire-Extinguishing Systems *(21 20)*

21 21 16 Carbon-Dioxide Fire-Extinguishing Equipment *(21 21)*

21 21 16 00-0001			**Carbon Dioxide Cylinders** *(21 21 16)*		
	21 21 16 00-0002	EA	Carbon Dioxide Simplex Cylinder, 75 LB	4,114.04	219.74
	21 21 16 00-0003	EA	Carbon Dioxide Duplex Cylinder, 75 LB (Each)	8,228.08	439.46
	21 21 16 00-0004	EA	Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket	472.62	128.42
	21 21 16 00-0005	EA	Carbon Dioxide Cylinder, Dispersion Nozzle	222.86	40.15
	21 21 16 00-0006	LF	Carbon Dioxide Cylinder, 1/2" Rubber Tubing	46.88	16.28

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 22 Clean-Agent Fire-Extinguishing Systems *(21 20)*

21 22 16 Clean-Agent Fire-Extinguishing Equipment *(21 22)*

21 22 16 00-0001 Ansul Fire Control Systems *(21 22 16)*

21 22 16 00-0002 Sapphire® Fire Suppression Systems *(21 22 16 00-0001)*

Note: ANSUL® SAPPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications.

21 22 16 00-0003 Cylinders, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0004	EA	20 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635) Note: 10 to 21 LB tank capacity. Excludes Sapphire agent.	1,599.79	74.91
21 22 16 00-0005	EA	40 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636) Note: 20 to 46 LB tank capacity. Excludes Sapphire agent.	1,825.84	74.91
21 22 16 00-0006	EA	80 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570637) Note: 41 to 80 LB tank capacity. Excludes Sapphire agent.	1,855.56	74.91
21 22 16 00-0007	EA	140 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570638) Note: 58 to 138 LB tank capacity. Excludes Sapphire agent.	2,635.01	99.88
21 22 16 00-0008	EA	280 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570639) Note: 116 to 280 LB tank capacity. Excludes Sapphire agent.	2,784.44	99.88
21 22 16 00-0009	EA	390 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570640) Note: 161 to 388 LB tank capacity. Excludes Sapphire agent.	2,973.22	124.85
21 22 16 00-0010	EA	450 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570641) Note: 194 to 459 LB tank capacity. Excludes Sapphire agent.	3,155.43	124.85
21 22 16 00-0011	EA	850 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570586) Note: 375 to 851 LB tank capacity. Excludes Sapphire agent.	4,766.21	149.82
21 22 16 00-0012	LB	Sapphire Agent. Fire Protection Fluid, Factory Filled (Novec 1230) Note: Add to empty tank cost.	40.37	149.82

21 22 16 00-0013 Nozzles, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0014	EA	1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570515)	152.23	12.49
21 22 16 00-0015	EA	3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570516)	156.08	12.49
21 22 16 00-0016	EA	1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570517)	165.73	12.49
21 22 16 00-0017	EA	1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570518)	172.48	12.49
21 22 16 00-0018	EA	1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570519)	182.12	12.49
21 22 16 00-0019	EA	2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570520)	211.03	12.49
21 22 16 00-0020	EA	1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570602)	152.23	12.49
21 22 16 00-0021	EA	3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570603)	156.08	12.49
21 22 16 00-0022	EA	1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570604)	165.73	12.49
21 22 16 00-0023	EA	1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570605)	172.48	12.49
21 22 16 00-0024	EA	1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570606)	182.12	12.49
21 22 16 00-0025	EA	2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570607)	211.03	12.49

21 22 16 00-0026 Actuation Attachments, Sapphire® Fire Suppression System *(21 22 16 00-0002)*

21 22 16 00-0027	EA	7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansul 31810)	13.44	3.75
21 22 16 00-0028	EA	7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansul 31811)	15.10	3.75
21 22 16 00-0029	EA	1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansul 32338)	20.19	8.74
21 22 16 00-0030	EA	16" Actuation Hose, Sapphire® Fire Suppression System (Ansul 73597)	48.56	11.19
21 22 16 00-0031	EA	32" Actuation Hose, Sapphire® Fire Suppression System (Ansul 415142)	72.50	11.19
21 22 16 00-0032	EA	42" Actuation Hose, Sapphire® Fire Suppression System (Ansul 430815)	87.76	11.19
21 22 16 00-0033	EA	24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansul 32336)	43.05	11.19
21 22 16 00-0034	EA	Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	297.13	99.88
21 22 16 00-0035	EA	Local Manual Actuator, Sapphire® Fire Suppression System (Ansul 570549)	288.64	74.91
21 22 16 00-0036	EA	Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	655.77	99.88

21 22 16 00-0037 Nameplates, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0038	EA	Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansul 570580)	48.11	12.49
21 22 16 00-0039	EA	Warning Plate for Use Inside Room, Sapphire® Fire Suppression Systems (Ansul 570581)	52.46	12.49

21 22 16 00-0040 Cylinder Bracketing, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0041	EA	Tank Bracket Assembly For 20 LB, 40 LB, 50 LB, 80 LB And 90 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	148.18	37.45
21 22 16 00-0042	EA	Tank Bracket Assembly For 140 LB, 280 LB, 390 LB And 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	156.86	37.45
21 22 16 00-0043	EA	Tank Bracket Assembly For 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570336)	167.95	37.45

21 22 16 00-0044 Check Valves, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0045	EA	1" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570566)	407.71	39.75
21 22 16 00-0046	EA	2" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570568)	571.98	68.21

21 22 16 00-0047 Discharge Hose, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0048	EA	1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570539)	126.10	24.97
21 22 16 00-0049	EA	2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570538)	480.89	24.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0050	EA	3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 69990)	404.72	24.97
21 22 16 00-0051	EA	3" Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 69841)	1,769.28	99.88
21 22 16 00-0052		**Swivel Adaptors, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0053	EA	1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570557)	44.84	17.48
21 22 16 00-0054	EA	2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570558)	80.88	17.48
21 22 16 00-0055	EA	3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69471)	227.43	12.49
21 22 16 00-0056	EA	3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69470)	293.51	12.49
21 22 16 00-0057		**Pressure Switches, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0058	EA	Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 570585)	163.99	49.94
21 22 16 00-0059	EA	Pressure Trip, Sapphire® Fire Suppression Systems (Ansul 5156)	168.25	20.97
21 22 16 00-0060	EA	Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 46250)	515.10	87.39
21 22 16 00-0061		**Level Indicators, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0062	EA	Liquid Level Indicator For 280 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570277)	611.46	17.48
21 22 16 00-0063	EA	Liquid Level Indicator For 390 LB And 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570278)	640.40	17.48
21 22 16 00-0064	EA	Liquid Level Indicator For 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570589)	685.26	24.97
21 22 16 00-0065		**Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0066	EA	Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342)	45.38	14.98
21 22 16 00-0067	EA	Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642)	57.02	17.48
21 22 16 00-0068	EA	Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579)	188.57	74.91
21 22 16 00-0069	EA	1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576)	221.64	74.91
21 22 16 00-0070	EA	2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592)	249.12	74.91
21 22 16 00-0071	EA	3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891)	337.81	74.91
21 22 16 00-0072		**Replacement Parts, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0073	EA	O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559)	53.82	19.98
21 22 16 00-0074	EA	Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553)	91.00	12.49
21 22 16 00-0075	EA	Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053)	121.78	24.97
21 22 16 00-0076	EA	Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543)	317.38	99.88
21 22 16 00-0077	EA	Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551)	486.09	99.88
21 22 16 00-0078	EA	1" Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535)	1,669.00	99.88
21 22 16 00-0079		**Inergen® Fire Suppression System** *(21 22 16 00-0001)*		
21 22 16 00-0080		**Actuation Attachments, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0081	EA	Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082)	177.71	24.74
21 22 16 00-0082	EA	Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 423958)	206.86	26.59
21 22 16 00-0083	EA	Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309)	370.07	48.12
21 22 16 00-0084	EA	Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876)	742.75	109.59
21 22 16 00-0085		**Check Valves, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0086	EA	2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794)	1,809.26	144.64
21 22 16 00-0087		**Components, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0088	EA	1/2" Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378)	52.77	7.58
21 22 16 00-0089	EA	Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700)	621.46	81.27
21 22 16 00-0090	EA	30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169)	1,934.44	254.28
21 22 16 00-0091	EA	60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170)	1,841.78	259.05
21 22 16 00-0092		**Cylinders, Inergen® Fire Suppression System** *(21 22 16 00-0079)* Note: Includes CV98 valve. Factory filled with Inergen agent.		
21 22 16 00-0093	EA	200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147)	1,610.75	232.72
21 22 16 00-0094	EA	250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148)	1,827.21	263.66
21 22 16 00-0095	EA	350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620)	2,618.75	341.67
21 22 16 00-0096	EA	435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150)	2,616.71	417.52
21 22 16 00-0097	EA	250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257)	1,887.61	293.98
21 22 16 00-0098	EA	350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621)	2,679.59	372.11
21 22 16 00-0099	EA	435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259)	2,758.39	448.66
21 22 16 00-0100		**Inspection/Maintenance Devices, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0101	EA	CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657)	60.83	8.46
21 22 16 00-0102	EA	CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181)	60.83	8.46
21 22 16 00-0103	EA	CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954)	73.45	9.40
21 22 16 00-0104	EA	Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923)	1,158.99	161.49

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0105		**Multiple Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0106	EA	13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502) Note: For single row 435 cubic foot cylinders.	19.55	2.47
21 22 16 00-0107	EA	27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503) Note: For double row 435 cubic foot cylinders.	27.74	3.53
21 22 16 00-0108		**Nameplates, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0109	EA	Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265)	21.56	2.77
21 22 16 00-0110	EA	Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266)	19.90	2.77
21 22 16 00-0111		**Nozzle Deflector Shields, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0112	EA	1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708)	86.51	11.92
21 22 16 00-0113	EA	3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711)	90.76	12.48
21 22 16 00-0114	EA	1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714)	105.48	14.41
21 22 16 00-0115	EA	1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717)	117.54	16.28
21 22 16 00-0116	EA	1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720)	134.83	18.71
21 22 16 00-0117		**Nozzles, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0118	EA	1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908)	132.46	18.44
21 22 16 00-0119	EA	3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723)	137.44	18.99
21 22 16 00-0120	EA	1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362)	126.77	17.58
21 22 16 00-0121	EA	3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363)	129.72	18.99
21 22 16 00-0122	EA	1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364)	150.72	20.89
21 22 16 00-0123	EA	1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365)	161.15	22.24
21 22 16 00-0124	EA	1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366)	173.46	23.87
21 22 16 00-0125	EA	2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155)	298.54	41.77
21 22 16 00-0126	EA	2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156)	394.74	54.79
21 22 16 00-0127	EA	3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137)	430.29	60.22
21 22 16 00-0128	EA	1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138)	154.24	21.68
21 22 16 00-0129	EA	3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139)	181.96	25.39
21 22 16 00-0130	EA	1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140)	149.74	20.89
21 22 16 00-0131	EA	3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141)	159.97	22.13
21 22 16 00-0132	EA	1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142)	161.38	22.24
21 22 16 00-0133	EA	1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143)	194.80	27.02
21 22 16 00-0134	EA	1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157)	209.93	29.29
21 22 16 00-0135	EA	2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144)	322.25	44.95
21 22 16 00-0136	EA	2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145)	376.24	52.63
21 22 16 00-0137	EA	3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146)	412.27	57.50
21 22 16 00-0138		**Pressure Reducers, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0139	EA	1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677)	173.46	23.87
21 22 16 00-0140	EA	3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678)	212.79	29.73
21 22 16 00-0141	EA	1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679)	228.88	32.01
21 22 16 00-0142	EA	1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680)	322.25	44.95
21 22 16 00-0143	EA	1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681)	352.09	49.26
21 22 16 00-0144	EA	2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682)	413.69	57.50
21 22 16 00-0145	EA	2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057)	480.96	67.43
21 22 16 00-0146	EA	3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058)	568.60	79.75
21 22 16 00-0147	EA	2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823)	725.59	157.33
21 22 16 00-0148	EA	3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824)	935.58	184.46
21 22 16 00-0149	EA	4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825)	1,191.55	309.23
21 22 16 00-0150	EA	2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847)	707.27	157.33
21 22 16 00-0151	EA	3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848)	782.80	109.89
21 22 16 00-0152	EA	4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849)	1,191.55	309.23
21 22 16 00-0153	EA	2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853)	722.69	157.33
21 22 16 00-0154	EA	3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854)	813.61	114.20
21 22 16 00-0155	EA	4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855)	1,168.41	309.23
21 22 16 00-0156		**Pressure Switches, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0157	EA	3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344)	813.96	119.90
21 22 16 00-0158		**Releasing Device Equipment, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0159	EA	12 Or 24 Volt DC, Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728)	1,335.74	186.00
21 22 16 00-0160	EA	24 Volt DC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492)	1,903.13	247.86
21 22 16 00-0161	EA	120 Volt AC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525)	2,018.76	252.13
21 22 16 00-0162	EA	Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310)	94.33	12.82
21 22 16 00-0163	EA	LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373)	112.59	16.98
21 22 16 00-0164	EA	Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939)	1,081.58	132.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0165		**Replacement Orifice Plates, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0166	EA	1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095)	118.47	12.60
21 22 16 00-0167	EA	3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096)	124.16	13.27
21 22 16 00-0168	EA	1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097)	130.40	13.49
21 22 16 00-0169	EA	1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098)	139.99	13.95
21 22 16 00-0170	EA	1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099)	145.60	15.30
21 22 16 00-0171	EA	2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100)	146.18	16.53
21 22 16 00-0172	EA	2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984)	319.85	44.31
21 22 16 00-0173	EA	3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985)	322.70	44.76
21 22 16 00-0174	EA	4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986)	413.69	57.35
21 22 16 00-0175		**Single Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0176	EA	Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704)	150.72	20.89
21 22 16 00-0177	EA	Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705) Note: Includes saddle, padding and fasteners.	204.76	47.74
21 22 16 00-0178		**Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0179	EA	2-1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856) Note: Includes gasket and fasteners.	394.91	30.87
21 22 16 00-0180	EA	3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857) Note: Includes gasket and fasteners.	330.31	46.09
21 22 16 00-0181	EA	4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858) Note: Includes gasket and fasteners.	657.50	309.23
21 22 16 00-0182	EA	2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859) Note: Includes gasket and fasteners.	207.10	28.83
21 22 16 00-0183	EA	3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860) Note: Includes gasket and fasteners.	243.12	33.64
21 22 16 00-0184	EA	4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861) Note: Includes gasket and fasteners.	652.63	309.23
21 22 16 00-0185	EA	2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862) Note: Includes gasket and fasteners.	215.61	30.19
21 22 16 00-0186	EA	3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863) Note: Includes gasket and fasteners.	252.60	35.19
21 22 16 00-0187	EA	4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864) Note: Includes gasket and fasteners.	676.73	309.23
21 22 16 00-0188	EA	2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	42.56	2.29
21 22 16 00-0189	EA	3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	43.01	2.52
21 22 16 00-0190	EA	4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	46.31	2.98
21 22 16 00-0191		**Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0192	EA	Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508)	26.39	3.67
21 22 16 00-0193	EA	Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027)	217.30	27.89
21 22 16 00-0194	EA	85" High, Cylinder Bracketing For 425 CF And LC100 Cylinders, Inergen® Fire Suppression System (Ansul 426592) Note: Includes upright, left, right and center.	161.41	27.89
21 22 16 00-0195		**Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0001)*		
21 22 16 00-0196		**Accessory Switches, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0197	EA	Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495)	170.06	24.07
21 22 16 00-0198	EA	Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494)	193.27	27.44
21 22 16 00-0199	EA	Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497)	245.84	34.86
21 22 16 00-0200	EA	Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496)	264.80	37.56
21 22 16 00-0201	EA	Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499)	331.55	47.24
21 22 16 00-0202	EA	Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498)	352.89	50.16
21 22 16 00-0203	EA	Explosion Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956)	676.35	96.71
21 22 16 00-0204	EA	Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490)	54.51	7.20
21 22 16 00-0205		**Alarm Devices, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0206	EA	Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698)	147.31	20.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0207	EA	Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699)	216.02	30.59
21 22 16 00-0208	EA	Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702)	19.71	2.79
21 22 16 00-0209		**Annunciators, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0210	EA	80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492)	1,697.21	242.68
21 22 16 00-0211	EA	16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496)	1,422.77	203.32
21 22 16 00-0212	EA	16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497)	1,104.47	157.89
21 22 16 00-0213	EA	32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500)	961.95	137.42
21 22 16 00-0214	EA	Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501)	961.95	137.42
21 22 16 00-0215	EA	Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502)	770.61	109.98
21 22 16 00-0216	EA	Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650)	1,422.77	203.32
21 22 16 00-0217	EA	24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651)	289.40	41.16
21 22 16 00-0218	EA	48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652)	362.81	51.73
21 22 16 00-0219	EA	8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653)	727.49	103.91
21 22 16 00-0220	EA	Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660)	122.93	17.43
21 22 16 00-0221	EA	Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576) Note: For up to 4 LDM modules.	167.16	24.07
21 22 16 00-0222	EA	Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657)	289.41	41.16
21 22 16 00-0223		**Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0224	EA	CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586)	224.81	33.51
21 22 16 00-0225	EA	REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639)	13.89	2.30
21 22 16 00-0226	EA	REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640)	98.19	2.79
21 22 16 00-0227	EA	REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765)	14.99	2.79
21 22 16 00-0228		**Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0229	EA	Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564)	499.69	75.12
21 22 16 00-0230	EA	Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566)	299.57	44.76
21 22 16 00-0231		**Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0232	EA	7 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692)	221.11	28.79
21 22 16 00-0233	EA	12 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693)	462.36	60.95
21 22 16 00-0234	EA	18 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694)	521.76	69.04
21 22 16 00-0235	EA	25 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695)	682.36	84.12
21 22 16 00-0236	EA	55 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997)	1,099.39	145.97
21 22 16 00-0237	EA	BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578)	164.39	23.17
21 22 16 00-0238	EA	BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079) Note: Holds six XP5 modules or 25AH battery pack.	293.67	41.83
21 22 16 00-0239	EA	BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410) Note: For mounting in BB-55 battery box.	597.26	85.24
21 22 16 00-0240	EA	Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207) Note: For mounting in BB-55 battery box.	1,736.28	248.30
21 22 16 00-0241	EA	120 Volt AC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563)	1,269.77	181.50
21 22 16 00-0242		**Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0243	EA	Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428097)	133.78	19.23
21 22 16 00-0244	EA	Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansul 428098)	124.88	19.12
21 22 16 00-0245	EA	Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansul 417480)	169.16	27.44
21 22 16 00-0246	EA	2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428100)	251.52	35.76
21 22 16 00-0247	EA	NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428101)	195.47	29.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0248	EA	Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428102)	183.57	27.89
21 22 16 00-0249	EA	Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansul 417487)	29.24	4.45
21 22 16 00-0250	EA	Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansul 426125)	107.95	15.74
21 22 16 00-0251	EA	Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansul 427066)	108.00	15.30
21 22 16 00-0252	EA	HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansul 427067)	37.88	12.60
21 22 16 00-0253	EA	Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansul 428138) Note: Converts BX501 to low profile base.	9.93	1.39
21 22 16 00-0254	EA	Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansul 423945)	103.96	14.73
21 22 16 00-0255	EA	EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansul 417699)	60.90	8.68
21 22 16 00-0256	EA	XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansul 428078)	164.89	22.94
21 22 16 00-0257	EA	BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansul 428080)	86.22	12.14
21 22 16 00-0258		**Manual Pull Stations, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0259	EA	Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 428661)	24.83	3.27
21 22 16 00-0260	EA	Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 418336)	15.41	1.80
21 22 16 00-0261		**Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0262	EA	Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansul 417470) Note: Includes municipal box and remote station connection.	216.02	30.59
21 22 16 00-0263	EA	Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansul 417471)	649.94	87.94
21 22 16 00-0264	EA	Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansul 419411)	1,239.96	177.23
21 22 16 00-0265	EA	Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansul 419635)	33.08	4.59
21 22 16 00-0266		**Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0001)*		
21 22 16 00-0267		**Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0268	EA	Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansul 430482)	168.29	21.59
21 22 16 00-0269	EA	Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansul 430379)	345.41	32.55
21 22 16 00-0270	EA	120 Volt AC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansul 430374)	935.42	125.95
21 22 16 00-0271	EA	220 Volt AC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansul 430375)	935.42	125.95
21 22 16 00-0272	EA	120 Volt AC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansul 430376) Note: Includes housing and battery cab.	1,405.50	188.93
21 22 16 00-0273	EA	220 Volt AC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansul 430377) Note: Includes housing and battery cab.	1,405.50	188.93
21 22 16 00-0274	EA	48 Volt DC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansul 430378)	2,056.69	240.66
21 22 16 00-0275		**Blank Plates, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0276	EA	Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansul 430459)	30.17	4.05
21 22 16 00-0277	EA	Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansul 430458)	45.69	4.05
21 22 16 00-0278	EA	Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansul 430484)	66.15	7.65
21 22 16 00-0279	EA	Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansul 430446)	103.36	8.55
21 22 16 00-0280	EA	Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansul 430447)	129.35	17.09
21 22 16 00-0281	EA	Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430480)	240.60	21.59
21 22 16 00-0282		**Detectors, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0283	EA	LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansul 430350) Note: Includes 3 blank plates.	7,054.10	1,057.09
21 22 16 00-0284	EA	LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansul 430354) Note: Includes centrally mounted LCD programmer module and standard display.	9,004.60	1,304.49
21 22 16 00-0285	EA	LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansul 430356) Note: Includes centrally mounted LCD programmer.	8,140.96	1,192.03
21 22 16 00-0286	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansul 430357)	11,328.01	1,574.39
21 22 16 00-0287	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansul 430358)	11,925.83	1,664.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0288	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansul 430359) Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs.	11,452.15	1,596.87
21 22 16 00-0289	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansul 430360) Note: Includes 1 fire alarm (any SCT) and OK/FOK LED.	12,094.86	1,686.84
21 22 16 00-0290	EA	7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansul 430361) Note: Includes 2 blank plates and scan display module at far right.	12,438.57	1,754.32
21 22 16 00-0291	EA	12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansul 430363) Note: Includes 2 blank plates and scanner display.	12,976.93	1,844.28
21 22 16 00-0292	EA	7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansul 430365) Note: Includes centrally mounted programmer module.	13,640.34	1,934.24
21 22 16 00-0293	EA	12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansul 430367) Note: Includes centrally mounted LCD programmer module and scanner display module.	14,222.09	2,024.21
21 22 16 00-0294	EA	12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansul 430369) Note: Includes centrally mounted LCD programmer.	13,371.57	1,844.28
21 22 16 00-0295		Displays, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0296	EA	VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430381) Note: Includes a remote termination card and 7 relays.	2,152.95	247.40
21 22 16 00-0297	EA	VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430385) Note: Includes a remote termination card and 7 relays.	2,163.57	247.40
21 22 16 00-0298	EA	VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430383) Note: Includes a remote termination card without relays.	1,949.69	224.91
21 22 16 00-0299	EA	VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430387) Note: Includes a remote termination card.	1,962.02	224.91
21 22 16 00-0300	EA	VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389) Note: Includes a remote termination card and 12 relays.	2,425.94	269.90
21 22 16 00-0301	EA	VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391)	2,061.13	233.91
21 22 16 00-0302	EA	VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393)	2,255.60	262.70
21 22 16 00-0303		Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0304	EA	LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370)	5,403.01	742.21
21 22 16 00-0305	EA	LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372)	4,451.38	593.77
21 22 16 00-0306	EA	Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380)	1,572.50	224.91
21 22 16 00-0307	EA	VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395)	1,133.47	146.19
21 22 16 00-0308	EA	System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399)	1,579.81	197.02
21 22 16 00-0309	EA	PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442) Note: Interface connects PC and LaserPLUS system.	2,277.42	242.91
21 22 16 00-0310	EA	Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443)	298.06	36.43
21 22 16 00-0311	EA	Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444)	1,994.79	224.91
21 22 16 00-0312	EA	Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460)	1,422.47	186.67
21 22 16 00-0313	EA	VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463)	1,117.42	143.94
21 22 16 00-0314	EA	Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461)	1,424.78	186.67
21 22 16 00-0315	EA	Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464)	1,422.47	186.67
21 22 16 00-0316	EA	Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487)	1,407.34	175.44
21 22 16 00-0317	EA	Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466)	167.77	15.74
21 22 16 00-0318	EA	Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467)	6,798.38	863.67
21 22 16 00-0319	EA	Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470)	11,845.63	1,511.41
21 22 16 00-0320	EA	Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475)	926.17	112.46
21 22 16 00-0321	EA	Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477)	21.11	2.25
21 22 16 00-0322	EA	Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478)	11.98	0.45
21 22 16 00-0323	EA	US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481)	509.94	65.22
21 22 16 00-0324	EA	Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483)	617.78	79.17
21 22 16 00-0325	EA	Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486)	891.77	114.71
21 22 16 00-0326	EA	RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488)	131.38	17.09
21 22 16 00-0327	EA	Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502)	20.44	3.60
21 22 16 00-0328		Labels And Decals, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0329	EA	Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509)	18.62	2.70
21 22 16 00-0330	EA	Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505)	19.53	3.14
21 22 16 00-0331	EA	Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506)	30.17	4.05
21 22 16 00-0332	EA	Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507)	30.21	4.05
21 22 16 00-0333	EA	Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508)	109.47	15.30
21 22 16 00-0334		Mounting Hardware, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0335	EA	Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456)	270.78	32.39
21 22 16 00-0336	EA	Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472)	364.86	43.18
21 22 16 00-0337	EA	Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471)	373.04	47.24
21 22 16 00-0338	EA	Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457)	911.19	67.47
21 22 16 00-0339	EA	Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445)	1,337.13	148.44
21 22 16 00-0340		Pipe And Fittings, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0341	LF	3/4", Orange Chlorinated Polyvinyl Chloride (CPVC) Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491)	5.76	1.73
21 22 16 00-0342	EA	3/4", End Cap, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497)	9.85	3.47
21 22 16 00-0343	EA	3/4", 45 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494)	27.14	10.39
21 22 16 00-0344	EA	3/4", 90 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493)	28.01	10.39
21 22 16 00-0345	EA	3/4", Coupling, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495)	19.29	6.92
21 22 16 00-0346	EA	3/4", Union, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496)	31.04	10.39
21 22 16 00-0347	EA	3/4", Tee, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498)	41.68	15.58
21 22 16 00-0348	EA	3/4" x 1/2" FPT, Tee, Chlorinated Polyvinyl Chloride (CPVC), Vesda® Aspirating Smoke Detection System (Ansul 430499)	52.06	18.29
21 22 16 00-0349	LF	1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500)	4.82	1.63
21 22 16 00-0350	EA	Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479)	19.37	4.95
21 22 16 00-0351	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503)	23.83	3.60
21 22 16 00-0352	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504)	34.19	4.95
21 22 16 00-0353		Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0354	EA	VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396) Note: Remote box includes 7 relays for VLP/VLC.	1,564.31	172.74
21 22 16 00-0355	EA	VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490)	1,592.87	198.83
21 22 16 00-0356	EA	12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485)	964.07	121.45
21 22 16 00-0357	EA	RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489)	1,101.69	137.20
21 22 16 00-0358	EA	VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397) Note: Remote box includes 7 relays for VLS.	1,564.31	172.74
21 22 16 00-0359	EA	VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398) Note: Remote box includes 12 relays for VLS.	1,888.39	198.83
21 22 16 00-0360	EA	Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468)	535.34	61.17
21 22 16 00-0361	EA	Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469)	805.08	93.56
21 22 16 00-0362	EA	7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474)	1,515.03	193.43
21 22 16 00-0363	EA	12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476)	2,222.60	283.39
21 22 16 00-0364		Preferred® Low Pressure CO2 System *(21 22 16 00-0001)*		
21 22 16 00-0365		Manual Pull Stations, Preferred® Low Pressure CO2 System *(21 22 16 00-0364)*		
21 22 16 00-0366	EA	Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658) Note: Excludes FMM-101.	119.95	15.74
21 22 16 00-0367	EA	Weatherproof Backbox For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659)	89.73	11.69
21 22 16 00-0368		Industrial Fire Control System *(21 22 16 00-0001)*		
21 22 16 00-0369		Alarm Devices, Industrial Fire Control System *(21 22 16 00-0368)*		
21 22 16 00-0370	EA	Explosion Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947)	2,900.89	414.97
21 22 16 00-0371	EA	6", 115 Volt AC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751)	88.96	9.53
21 22 16 00-0372	EA	24 Volt AC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697)	87.64	12.37
21 22 16 00-0373	EA	Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700)	52.20	7.42
21 22 16 00-0374	EA	Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701)	21.34	3.01
21 22 16 00-0375		Manual Pull Stations, Industrial Fire Control System *(21 22 16 00-0368)*		
21 22 16 00-0376	EA	SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655)	99.11	13.04
21 22 16 00-0377	EA	DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656)	139.75	18.44
21 22 16 00-0378	EA	Explosion Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657)	1,090.98	144.84
21 22 16 00-0379	EA	Surface Mounted Backbox For Manual Pull Stations, Industrial Fire Control System (Ansul 428660)	31.72	4.18
21 22 16 00-0380	EA	Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654)	14.22	1.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0381		Marine Fire Control System *(21 22 16 00-0001)*		
21 22 16 00-0382		Alarm Devices, Marine Fire Control System *(21 22 16 00-0381)*		
21 22 16 00-0383	EA	Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747)	57.49	7.56
21 22 16 00-0384	EA	6", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805)	105.89	14.62
21 22 16 00-0385	EA	10", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806)	105.89	14.62
21 22 16 00-0386		FM200 System Equipment *(21 22 16)*		
21 22 16 00-0387	EA	26 LB Cylinder, Filled, For FM200 Fire Protection system	3,459.36	108.50
21 22 16 00-0388	EA	44 LB Cylinder, Filled, For FM200 Fire Protection system	4,964.59	124.23
21 22 16 00-0389	EA	63 LB Cylinder, Filled, For FM200 Fire Protection system	5,893.35	146.48
21 22 16 00-0390	EA	101 LB Cylinder, Filled, For FM200 Fire Protection system	7,814.40	173.60
21 22 16 00-0391	EA	196 LB Cylinder, Filled, For FM200 Fire Protection system	12,224.36	217.01
21 22 16 00-0392	EA	Electro/Mechanical Release, For FM200 Fire Protection system	728.77	217.01
21 22 16 00-0393	EA	Manual Pull Station, For FM200 Fire Protection system	254.82	72.16
21 22 16 00-0394	EA	Pneumatic Damper Release, For FM200 Fire Protection system	317.29	54.25
21 22 16 00-0395	LB	FM200 Gas	26.76	
21 22 16 00-0396	EA	Master Cylinder, For FM200 Fire Protection system	5,665.91	58.37
21 22 16 00-0397	EA	Shuttle Check Valve, For FM200 Fire Protection system	800.90	81.59
21 22 16 00-0398	EA	Flex Head Cylinder, For FM200 Fire Protection system	797.04	87.46
21 22 16 00-0399	EA	Nozzles, For FM200 Fire Protection system	196.96	30.92
21 22 16 00-0400	EA	Cylinder Support, For FM200 Fire Protection system	226.90	58.37
21 22 16 00-0401	EA	Solenoid Valve, For FM200 Fire Protection system	1,037.20	87.46
21 22 16 00-0402	EA	Battery Back-Up, For FM200 Fire Protection system	752.65	230.67
21 22 16 00-0403	EA	Control Panel, Single Zone, For FM200 Fire Protection system	4,059.85	433.36
21 22 16 00-0404	EA	Control Panel, Multi Zone, For FM200 Fire Protection system	6,549.87	867.69
21 22 16 00-0405	EA	Smoke Or Heat Detector, For FM200 Fire Protection system	317.08	87.46
21 22 16 00-0406	EA	Annunciator, For FM200 Fire Protection system	3,291.74	328.44
21 22 16 00-0407	EA	Pressure Switch, For FM200 Fire Protection system	345.41	87.46
21 22 16 00-0408	EA	Alarm Horn, For FM200 Fire Protection system	314.35	87.46
21 22 16 00-0409	EA	Testing, For FM200 Fire Protection system	1,474.76	
21 22 16 00-0410	EA	Abort Switch, For FM200 Fire Protection system	220.73	40.68

21 23 Wet-Chemical Fire-Extinguishing Systems *(21 20)*

21 23 16 Wet-Chemical Fire-Extinguishing Equipment *(21 23)*

21 23 16 00-0001		Kidde Fire Systems *(21 23 16)* Note: Kidde or equal.		
21 23 16 00-0002		Cylinders And Hardware *(21 23 16 00-0001)*		
21 23 16 00-0003	EA	125 Cylinder And Valve Assembly With 1.25 Gallon of Wet Agent	758.66	89.89
21 23 16 00-0004	EA	260 Cylinder And Valve Assembly With 2.6 Gallon Of Wet Agent	874.63	111.96
21 23 16 00-0005	EA	400S And M Cylinder And Valve Assembly With 4 Gallon Of Wet Agent	1,072.10	138.13
21 23 16 00-0006	EA	600 And L Cylinder And Valve Assembly With 6 Gallon Of Wet Agent	1,266.26	163.90
21 23 16 00-0007	EA	Discharge Adapter Kit (One Required Per Cylinder)	42.41	4.70
21 23 16 00-0008	EA	System Valve Actuator	152.96	18.68
21 23 16 00-0009	EA	Vent Plug	28.79	3.80
21 23 16 00-0010	EA	Gauge Shield	89.33	9.99
21 23 16 00-0011	EA	125 Cylinder Wall Mounting Bracket	78.95	9.99
21 23 16 00-0012	EA	260 Cylinder Wall Mounting Bracket	83.69	10.58
21 23 16 00-0013	EA	400S And M Cylinder Wall Mounting Bracket	159.02	19.98
21 23 16 00-0014	EA	600 And 400M Cylinder Shelf Bracket	157.33	22.68
21 23 16 00-0015	EA	600 And 400M Cylinder Floor Mounting Kit	265.40	22.72
21 23 16 00-0016	EA	125 And 260 Cylinder Replacement Bracket Strap	35.75	
21 23 16 00-0017	EA	400 And 600 Cylinder Replacement Bracket Strap	37.73	
21 23 16 00-0018		Nozzles And Accessories *(21 23 16 00-0001)*		
21 23 16 00-0019	EA	ADP, F, GRW Or R Nozzle	70.86	9.19
21 23 16 00-0020	EA	LPF Or DM Nozzle	76.75	9.19
21 23 16 00-0021	EA	LPR Nozzle	88.90	9.19
21 23 16 00-0022	EA	3/8" Swivel Adapter For Nozzles	53.03	6.49
21 23 16 00-0023	EA	Removal And Replacement Of Nozzle Seals	8.37	
21 23 16 00-0024	EA	Chrome Nozzle Disc Cap	5.15	0.59
21 23 16 00-0025	EA	LPR Nozzle Disc Cap	34.13	9.14
21 23 16 00-0026		Control Systems *(21 23 16 00-0001)*		
21 23 16 00-0027	EA	XV Control System Note: Includes (1) SVA, (1) system cartridge, (1) test cartridge, (1) EMT connector kit, (1) SPDT microswitch kit, and (1) SPDT microswitch kit.	1,132.41	59.93
21 23 16 00-0028	EA	7-1/2" High Pressure Hose (Required for cylinder mounted XV Control System)	95.28	9.99
21 23 16 00-0029	EA	24" High Pressure Hose	113.11	9.99
21 23 16 00-0030	EA	60" High Pressure Hose	152.74	9.99
21 23 16 00-0031	EA	XV Solenoid Kit (Electric Actuator), 24 Volt DC	220.27	19.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0032	EA	XV Microswitch Kit, SPDT	72.28	9.39
21 23 16 00-0033	EA	XV Microswitch Kit, SPDT, Terminal Type, For Alarm/Release	78.22	9.39
21 23 16 00-0034	EA	EMT Connector Kit (EMT Connector And O-Ring)	30.83	7.49
21 23 16 00-0035	EA	KRS-50 Control Box Assembly Note: Includes (1) SVA, (2) CO2 cartridges, (2) set screws, (1) grommet, (1) cover label, and (1) exhaust fan caution label.	636.18	38.70
21 23 16 00-0036	EA	SPDT Microswitch For KRS-50	74.17	9.39
21 23 16 00-0037	EA	DPDT Microswitch For KRS-50	133.97	16.28
21 23 16 00-0038	EA	SPDT Pressure Switch (Fire Department Tie-In)	412.10	52.24
21 23 16 00-0039		**Mechanical Actuation Components** *(21 23 16 00-0001)*		
21 23 16 00-0040	EA	Universal Detector Link Housing Kit, Mechanical Actuation Systems Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves.	50.00	14.98
21 23 16 00-0041	EA	XV Low Profile Link Detector Housing Kit Note: Includes (1) bracket, (2) 1/2" EMT connectors, (4) cable crimp sleeves, and (1) S hook.	81.48	14.98
21 23 16 00-0042	EA	XV Or KRS-50 Remote Manual Release, Combination Pull-To-Trip/Release-To-Trip	226.06	9.99
21 23 16 00-0043	EA	XV Remote Manual Release, Pull-To-Trip	172.56	9.99
21 23 16 00-0044	EA	Corner Pulley, Mechanical Actuation Systems	20.72	2.70
21 23 16 00-0045	EA	Double Tee Pulley, Mechanical Actuation Systems	279.29	16.48
21 23 16 00-0046	EA	In-Line Tee Pulley, Mechanical Actuation Systems	34.66	4.39
21 23 16 00-0047	EA	Corner Pulley / Quik-Seal Adapter Combination	91.23	4.99
21 23 16 00-0048	LF	1/16" Cable, Mechanical Actuation Systems	2.37	1.00
21 23 16 00-0049	EA	Cable Clamp	12.89	0.50
21 23 16 00-0050	EA	Cable Crimp Sleeve, Mechanical Actuation Systems	1.45	0.40
21 23 16 00-0051	EA	"S" Hook, Mechanical Actuation Systems	1.41	0.40
21 23 16 00-0052	EA	1/2" EMT x 3/8" NPT Adapter, Mechanical Actuation Systems	73.94	9.29
21 23 16 00-0053		**Mechanical Detection Links** *(21 23 16 00-0001)*		
21 23 16 00-0054	EA	KGS Standard Response Link	16.83	4.99
21 23 16 00-0055	EA	KGS Rapid Response Link	23.67	4.99
21 23 16 00-0056	EA	KFA Type "A" Fusible Link	20.60	4.99
21 23 16 00-0057	EA	KML Type "ML" Fusible Link	23.86	4.99
21 23 16 00-0058	EA	500 Degree, KML Type "ML" Fusible Link	35.75	4.99
21 23 16 00-0059		**Gas Valves** *(21 23 16 00-0001)*		
21 23 16 00-0060	EA	3/4" NPT Mechanical Cable Operated Gas Shut-off Valve	327.24	21.58
21 23 16 00-0061	EA	1" NPT Mechanical Cable Operated Gas Shut-off Valve	357.32	26.57
21 23 16 00-0062	EA	1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve	411.44	33.56
21 23 16 00-0063	EA	1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	452.11	38.65
21 23 16 00-0064	EA	2" NPT Mechanical Cable Operated Gas Shut-off Valve	489.73	45.65
21 23 16 00-0065	EA	2-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	808.89	66.72
21 23 16 00-0066	EA	3" NPT Mechanical Cable Operated Gas Shut-off Valve	904.23	77.20
21 23 16 00-0067	EA	Pneumatic Release (Single Unit)	371.67	24.37
21 23 16 00-0068	EA	Removal And Replacement Of Cable Block And Set Screw Assembly For Gas Valve	58.57	
21 23 16 00-0069	EA	1/2" Electric Solenoid Gas Shut-off Valve	340.73	20.08
21 23 16 00-0070	EA	3/4" Electric Solenoid Gas Shut-off Valve	343.75	21.58
21 23 16 00-0071	EA	1" Electric Solenoid Gas Shut-off Valve	528.26	26.57
21 23 16 00-0072	EA	1-1/4" Electric Solenoid Gas Shut-off Valve	561.16	33.56
21 23 16 00-0073	EA	1-1/2" Electric Solenoid Gas Shut-off Valve	644.27	38.65
21 23 16 00-0074	EA	2" Electric Solenoid Gas Shut-off Valve	826.89	45.65
21 23 16 00-0075	EA	2-1/2" Electric Solenoid Gas Shut-off Valve	1,364.15	66.72
21 23 16 00-0076	EA	3" Electric Solenoid Gas Shut-off Valve	1,711.78	77.20
21 23 16 00-0077	EA	Manual Reset Relay	489.62	100.37
21 23 16 00-0078		**Liquid Tight Sealing Adapters** *(21 23 16 00-0001)*		
21 23 16 00-0079	EA	3/8" Tubing, Compression Seal Adapter	37.85	4.19
21 23 16 00-0080	EA	1/2" Tubing, 1/4" Pipe, Compression Seal Adapter	37.41	4.60
21 23 16 00-0081	EA	5/8" Tubing, 3/8" Pipe, Compression Seal Adapter	43.97	5.49
21 23 16 00-0082	EA	3/4" Tubing, 1/2" Pipe, Compression Seal Adapter	50.60	5.90
21 23 16 00-0083	EA	1/2" Electrical Metallic Tubing (EMT), Compression Seal Adapter	43.97	5.49
21 23 16 00-0084	EA	3/8" NPT Female, Quik-Seal Adapter	37.41	4.60
21 23 16 00-0085	EA	1/2" NPT Female, Quik-Seal Adapter	37.41	4.60
21 23 16 00-0086	EA	3/4" NPT Female, Quik-Seal Adapter	61.53	7.79
21 23 16 00-0087	EA	1" NPT Female, Quik-Seal Adapter	81.90	10.29
21 23 16 00-0088	EA	Quik-Patch For Hole Patching Up To 1-1/8" Diameter	37.41	
21 23 16 00-0089		**Pressure Operated Releasing Systems** *(21 23 16 00-0001)*		
21 23 16 00-0090	EA	KRS-100 Nitrogen Cylinder	271.31	30.17
21 23 16 00-0091	EA	KRS-100 Actuator Assembly	244.23	30.76
21 23 16 00-0092	EA	KRS-100 Mounting Bracket	187.21	7.59
21 23 16 00-0093	EA	KRS-700S Nitrogen Cylinder	700.91	86.99
21 23 16 00-0094	EA	KRS-700 Mounting Bracket	149.23	18.58
21 23 16 00-0095	EA	KRS-700S Discharge Adapter Kit	223.33	18.58
21 23 16 00-0096	EA	Check Valve, Pressure Operated Releasing Systems	219.68	13.18
21 23 16 00-0097	EA	Vent Check, Pressure Operated Releasing Systems	68.74	8.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0098	EA	Removal And Replacement Of Receiver Gasket For KRS-100 Actuator Assembly	9.03	
21 23 16 00-0099	EA	3 Pole, Double Throw Pressure Switch	561.88	69.92
21 23 16 00-0100		**Pyro-Chem Kitchen Fire Suppression Systems** *(21 23 16)*		
21 23 16 00-0101		**Cylinders, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0102	EA	3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194)	866.72	70.91
21 23 16 00-0103	EA	4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193)	1,248.45	102.18
21 23 16 00-0104	EA	6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196)	1,638.24	139.73
21 23 16 00-0105	EA	Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053)	177.16	16.68
21 23 16 00-0106	EA	Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208)	1,166.47	109.07
21 23 16 00-0107	EA	Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966)	712.20	66.52
21 23 16 00-0108		**Fusible Links, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0109	EA	165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522)	23.00	2.20
21 23 16 00-0110	EA	212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523)	23.00	2.20
21 23 16 00-0111	EA	280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524)	23.56	2.20
21 23 16 00-0112	EA	360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525)	23.00	2.20
21 23 16 00-0113	EA	450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526)	23.00	2.20
21 23 16 00-0114	EA	500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527)	25.05	2.20
21 23 16 00-0115	EA	Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131)	39.84	3.70
21 23 16 00-0116	EA	Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132)	51.70	4.90
21 23 16 00-0117	EA	Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876)	59.24	25.27
21 23 16 00-0118	EA	225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6)	495.48	56.23
21 23 16 00-0119		**Gas Valves, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0120	EA	3/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593)	419.25	21.58
21 23 16 00-0121	EA	1" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594)	477.11	26.57
21 23 16 00-0122	EA	1-1/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595)	513.94	33.56
21 23 16 00-0123	EA	1-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596)	565.00	38.55
21 23 16 00-0124	EA	2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049)	649.68	45.55
21 23 16 00-0125	EA	2-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185)	1,521.62	66.62
21 23 16 00-0126	EA	3" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186)	1,622.43	77.10
21 23 16 00-0127	EA	3/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358)	328.03	21.58
21 23 16 00-0128	EA	1" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359)	561.48	26.57
21 23 16 00-0129	EA	1-1/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360)	584.61	33.56
21 23 16 00-0130	EA	1-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361)	665.31	38.55
21 23 16 00-0131	EA	2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362)	923.28	45.55
21 23 16 00-0132	EA	2-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363)	1,790.63	66.62
21 23 16 00-0133	EA	3" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643)	1,886.92	77.10
21 23 16 00-0134		**Nozzles, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0135	EA	Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	82.52	7.39
21 23 16 00-0136	EA	Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	117.44	9.39
21 23 16 00-0137	EA	Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	459.33	9.39
21 23 16 00-0138		**Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0139	EA	Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059)	30.43	2.89
21 23 16 00-0140	EA	PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104)	997.01	93.78
21 23 16 00-0141	EA	PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690)	1,270.37	119.96
21 23 16 00-0142		**Circuit Monitors, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0143	EA	24 Volt DC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303)	651.73	61.43
21 23 16 00-0144	EA	120 Volt AC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302)	786.40	74.01
21 23 16 00-0145		**Control Heads, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0146	EA	Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203)	719.06	67.72
21 23 16 00-0147	EA	Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200)	750.44	70.81
21 23 16 00-0148	EA	24 Volt DC, Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201)	977.58	92.09
21 23 16 00-0149	EA	120 Volt AC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202)	1,121.39	105.87
21 23 16 00-0150	EA	Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853)	91.08	8.59
21 23 16 00-0151		**Corner Pulleys/Tees, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0152	EA	Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670)	22.94	1.40
21 23 16 00-0153	EA	Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250)	23.57	1.79
21 23 16 00-0154	EA	Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166)	73.03	6.89
21 23 16 00-0155	EA	Removal And Replacement Of Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272)	0.91	

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SAN BERNARDINO COUNTY

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0156		**Switches, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0157	EA	SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227)	79.43	7.49
21 23 16 00-0158	EA	DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237)	159.11	14.89
21 23 16 00-0159	EA	Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978)	336.72	31.57
21 23 16 00-0160		**Wire Rope/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0161	LF	1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821)	1.61	0.30
21 23 16 00-0162	EA	Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122)	0.92	0.30
21 23 16 00-0163	EA	High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551)	3.96	0.40
21 23 16 00-0164	EA	"S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121)	0.65	
21 23 16 00-0165		**Replacement Parts, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0166	EA	Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698)	75.45	7.20
21 23 16 00-0167	EA	Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831)	78.78	7.49
21 23 16 00-0168	EA	Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705)	9.23	0.90
21 23 16 00-0169	EA	225 psi, Wet Gauge, Kitchen Fire Suppression Systems (Pyro-Chem 551236)	108.44	9.79
21 23 16 00-0170	EA	Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716)	15.18	1.40
21 23 16 00-0171	EA	Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707)	21.13	2.00
21 23 16 00-0172	EA	Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715)	9.23	0.90
21 23 16 00-0173	EA	Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528)	13.00	1.20
21 23 16 00-0174	EA	Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529)	12.71	1.20
21 23 16 00-0175	EA	Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530)	3.63	0.30
21 23 16 00-0176	EA	Removal And Replacement Of Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257)	6.16	
21 23 16 00-0177	EA	O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063)	117.67	
21 23 16 00-0178	EA	3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024)	804.03	
21 23 16 00-0179	EA	4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902)	1,042.61	
21 23 16 00-0180	EA	6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901)	1,203.57	
21 23 16 00-0181		**Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0182	EA	3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857)	36.96	3.40
21 23 16 00-0183	EA	1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859)	38.29	3.60
21 23 16 00-0184	EA	Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788)	73.73	6.89
21 23 16 00-0185	EA	Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240)	104.33	
21 23 16 00-0186	EA	3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188)	224.27	
21 23 16 00-0187		**Pull Stations/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0188	EA	Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074)	148.94	14.08
21 23 16 00-0189	EA	Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166)	158.15	19.77
21 23 16 00-0190	EA	Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088)	39.84	3.70
21 23 16 00-0191	EA	Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661)	5.16	1.30
21 23 16 00-0192		**Asco Gas Valve Control Panels** *(21 23 16)*		
21 23 16 00-0193	EA	Relay Control Panel For AC Solenoid Valves (Asco 108D90C)	2,399.60	219.74
21 23 16 00-0194	EA	Relay Control Panel For DC Solenoid Valves (Asco 108D10C)	2,480.98	219.74
21 23 16 00-0195	EA	Master Control Station For Relay Control Panel For DC Solenoid Valves (Asco 216C89)	811.71	49.94
21 23 16 00-0196	EA	Emergency Stop Station For Relay Control Panel (Asco 173A19)	758.55	49.94

21 24 Dry-Chemical Fire-Extinguishing Systems *(21 20)*

21 24 16 Dry-Chemical Fire-Extinguishing Equipment *(21 24)*

21 24 16 00-0001		**Amerex KP Restaurant Fire Suppression Systems** *(21 24 16)*		
		Note: Amerex or equal.		
21 24 16 00-0002	EA	3.75 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve	481.49	77.51
21 24 16 00-0003	EA	6 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve	666.91	97.71
21 24 16 00-0004	EA	Recharge - KP Liquid Agent (3.75 Gallon)	158.40	
21 24 16 00-0005	EA	Recharge - KP Liquid Agent (6 Gallon)	278.44	
21 24 16 00-0006	EA	3.75 Gallon, Bracket Assembly Agent Cylinder With Distribution Hose Assembly And Distribution Outlet	110.88	16.27
21 24 16 00-0007	EA	6 Gallon, Bracket Assembly Agent Cylinder	64.58	9.44
21 24 16 00-0008	EA	6 Gallon, 3/4 NPT, Agent Cylinder Discharge Adapter Kit	28.01	
21 24 16 00-0009	EA	6 Gallon, Pneumatic Actuator, Agent Cylinder	110.88	16.27
21 24 16 00-0010	EA	MRM Actuator (Less N2 Cylinder And Enclosure)	278.44	40.78
21 24 16 00-0011	EA	Painted Steel, MRM Enclosure	148.39	21.69
21 24 16 00-0012	EA	Stainless Steel, MRM Enclosure	179.04	21.69
21 24 16 00-0013	EA	Stainless Steel, Single Cylinder System Cabinet	441.84	64.75
21 24 16 00-0014	EA	N2 - 1/4" x 16" Actuation Hose	33.35	4.88
21 24 16 00-0015	EA	10 CU. Inch, Nitrogen Cylinder	148.39	21.69
		Note: Use For 1-10 Agent Cylinders		
21 24 16 00-0016	EA	Vent Check	26.68	3.91
21 24 16 00-0017	EA	Detector	20.01	2.93
		Note: Includes bracket, linkage and conduit fittings.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0018	EA	280 To 450 Degree F, Fusible Link	7.51	1.09
21 24 16 00-0019	EA	Test Link	2.73	
21 24 16 00-0020	EA	Corner Pulley	10.34	1.52
21 24 16 00-0021	EA	1/16", 500 Foot Spool, Cable	166.72	24.40
21 24 16 00-0022	EA	Pulley Tee	75.02	10.95
21 24 16 00-0023	EA	Manual Pull Station (Standard)	66.69	9.76
21 24 16 00-0024	EA	Manual Pull Station, Adapter Kit (Recess Standard Pull Station)	31.28	4.55
21 24 16 00-0025	EA	Manual Pull Station (Oversized)	74.36	10.85
21 24 16 00-0026	EA	Conduit Offset	14.83	2.17
21 24 16 00-0027	EA	3/8" Pipe Thread, Seal (Quick-Seal)	20.44	3.03
21 24 16 00-0028	EA	1/2" Pipe Thread, Seal (Quick-Seal	16.68	2.50
21 24 16 00-0029	EA	3/8" Pipe Compression Seal	27.84	4.12
21 24 16 00-0030	EA	1/2" Pipe Compression Seal	27.84	4.12
21 24 16 00-0031	EA	Cap, Nozzle Blow-Off (Standard)	8.56	2.82
21 24 16 00-0032	EA	Cap, Nozzle Blow-Off (High Temperature)	18.58	2.82
21 24 16 00-0033	EA	2 Flow Points, Fryer/Griddle Nozzle	33.34	4.88
21 24 16 00-0034	EA	1 Flow Point Each, Appliance, Plenum Nozzle	33.34	4.88
21 24 16 00-0035	EA	Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each	33.34	4.88
21 24 16 00-0036	EA	1/2 Flow Points Each, Upright Charbroiler Nozzle	33.34	4.88
21 24 16 00-0037	EA	2 Flow Points Each, Duct (Only) Nozzle	33.34	4.88
21 24 16 00-0038	EA	2 Flow Points Each, Four Burner Range Nozzle	47.95	7.05
21 24 16 00-0039	EA	3/4" Or 1" Mechanical Gas Valve	261.43	28.74
21 24 16 00-0040	EA	1-1/4" Or 1-1/2" Mechanical Gas Valve	311.04	41.75
21 24 16 00-0041	EA	2" Mechanical Gas Valve	386.35	49.35
21 24 16 00-0042	EA	Manual Reset Relay (Required With Every Electric Gas Valve)	420.14	61.50
21 24 16 00-0043	EA	SPDT Microswitch With 18" Leads	22.12	3.25
21 24 16 00-0044	EA	Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve	35.68	5.21
21 24 16 00-0045	EA	Gas Valve Trip Assembly	75.02	10.95

21 24 16 00-0046 Range Guard Fire Suppression Systems *(21 24 16)*

Note: Range Guard or equal.

21 24 16 00-0047	EA	1-1/4 Gallon Charged Cylinder With Valve	511.79	83.79
21 24 16 00-0048	EA	2-1/2 Gallon Charged Cylinder With Valve	638.85	104.58
21 24 16 00-0049	EA	4 Gallon Charged Cylinder With Valve	788.69	129.14
21 24 16 00-0050	EA	6 Gallon Charged Cylinder With Valve	936.80	153.32
21 24 16 00-0051	EA	Vent Plug	21.50	3.50
21 24 16 00-0052	EA	Discharge Adapter Kit	27.69	
21 24 16 00-0053	EA	1-1/4 Gallon Wall Bracket	56.96	9.29
21 24 16 00-0054	EA	2-1/2 Gallon Wall Bracket	60.28	9.89
21 24 16 00-0055	EA	4 Gallon Wall Bracket	113.86	18.68
21 24 16 00-0056	EA	6 Gallon Wall Bracket	126.19	20.67
21 24 16 00-0057	EA	Mechanical Control Head, No Microswitch	445.18	72.91
21 24 16 00-0058	EA	Mechanical Control Head, 1 Microswitch	464.46	76.00
21 24 16 00-0059	EA	Mechanical Control Head, 2 Microswitches	532.82	87.19
21 24 16 00-0060	EA	Tandem Control Head	404.88	66.32
21 24 16 00-0061	EA	Electric Control Head, 120 Volt AC / 24 Volt DC	685.29	112.17
21 24 16 00-0062	EA	Mechanical Control Box	304.96	49.94
21 24 16 00-0063	EA	Tandem Control Box	304.96	49.94
21 24 16 00-0064	EA	Mechanical Control Box Adapter	89.38	14.68
21 24 16 00-0065	EA	A+ Control head With 1 Pressure Operated Actuator	268.63	43.94
21 24 16 00-0066	EA	Pressure Operated Actuator	110.42	18.08
21 24 16 00-0067	EA	BMCS-1 Nitrogen Cylinder	178.78	29.27
21 24 16 00-0068	EA	BMCS-1 Actuator Assembly	182.29	29.86
21 24 16 00-0069	EA	BMCS-1 Mounting Bracket	44.69	7.29
21 24 16 00-0070	EA	BMCS-7 Nitrogen Cylinder	515.83	84.40
21 24 16 00-0071	EA	BMCS-7 Mounting Bracket	110.42	18.08
21 24 16 00-0072	EA	BMCS-7 Discharge Adapter Kit	110.42	18.08
21 24 16 00-0073	EA	Check Valve	95.33	21.48
21 24 16 00-0074	EA	Vent Check For Use With BMCS Systems	49.95	8.19
21 24 16 00-0075	EA	Check Valve, (Schrader Flare Fitting) For Pressure Operated Actuator	21.74	3.56
21 24 16 00-0076	EA	Removal And Replacement Of Receiver Gasket For BMCS-Actuator Assembly	5.72	
21 24 16 00-0077	EA	Pneumatic Control Head For Slave Cylinders	113.92	18.68
21 24 16 00-0078	EA	Nozzles; ADP, F, R And GRW	52.22	8.59
21 24 16 00-0079	EA	Nozzles; DM And LPF	58.19	9.48
21 24 16 00-0080	EA	Swivel Adapter	36.80	6.00
21 24 16 00-0081	EA	Corner Pulley	15.77	2.60
21 24 16 00-0082	LF	1/16" Stainless Steel Cable	0.76	0.30
21 24 16 00-0083	EA	Cable Crimp Sleeve	0.90	0.30
21 24 16 00-0084	EA	"S" Hook	0.68	0.20
21 24 16 00-0085	EA	Electrical Metallic Tubing (EMT) Adapter, 1/2" Electrical Metallic Tubing (EMT) x 3/8" NPT	54.31	8.89
21 24 16 00-0086	EA	Cable Clamp	4.84	0.80
21 24 16 00-0087	EA	Nico Sleeves - 1/16" Cable	0.69	0.20
21 24 16 00-0088	EA	3/8" Cable Anchor	57.40	9.39
21 24 16 00-0089	EA	1/2" Cable Anchor	57.40	9.39
21 24 16 00-0090	EA	Mechanical Remote Manual Release (Pull Cable)	92.84	15.18
21 24 16 00-0091	EA	Tee Pulley, Use For Mechanical Pull And Gas Valve	99.08	16.18
21 24 16 00-0092	EA	Surface Remote Manual Release, End-of-line	116.07	18.98
21 24 16 00-0093	EA	Surface Remote Manual Release, In line Conservation Kit	36.37	6.00
21 24 16 00-0094	EA	Surface Remote Manual Release, In line And End Of Line	152.39	24.87
21 24 16 00-0095	EA	Recessed Remote Manual Release, End-of-line	116.07	18.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0096	EA	Recessed Remote Manual Release, In Line Kit	138.37	22.68
21 24 16 00-0097	EA	Pulley Tee, Remote In Line Only	24.87	4.09
21 24 16 00-0098	EA	Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" Electrical Metallic Tubing (EMT) Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve	27.62	4.50
21 24 16 00-0099	EA	Fusible Link 165F To 360F	9.04	1.50
21 24 16 00-0100	EA	Fusible Link 500F	13.93	1.50
21 24 16 00-0101	EA	Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves	27.62	4.50
21 24 16 00-0102	EA	Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve	20.84	4.50
21 24 16 00-0103	EA	Quartzoid Link 400 F	148.89	24.37
21 24 16 00-0104	EA	Quartzoid Link 500 F	148.89	24.37
21 24 16 00-0105	EA	SPDT Micro Switch For Use With A Plus Control Box	53.37	8.69
21 24 16 00-0106	EA	DPDT Micro Switch For Use With A Plus Control Box	92.83	15.18
21 24 16 00-0107	EA	SPDT Micro Switch For Use With A Mechanical Control Box	55.18	8.99
21 24 16 00-0108	EA	DPDT Micro Switch For Use With A Mechanical Control Box	95.62	15.68
21 24 16 00-0109	EA	SPDT Micro Switch For Use With PRCB	70.07	11.49
21 24 16 00-0110	EA	DPDT Micro Switch For Use With PRCB	101.07	16.48
21 24 16 00-0111	EA	Pressure Switch, SPDT (Fire Dept. Tie In)	296.02	48.44
21 24 16 00-0112	EA	Circuit Monitor 12 Or 24 Volt DC	133.12	21.77
21 24 16 00-0113	EA	Circuit Monitor 120 Volt AC	133.12	21.77
21 24 16 00-0114	EA	Electric Manual Pull Station	97.22	15.88
21 24 16 00-0115	EA	6", 24 Volt DC, Motor Bell	54.30	8.89
21 24 16 00-0116	EA	10", 115 Volt AC Motor Bell	77.07	12.59
21 24 16 00-0117	EA	Fuse, 1.2 For ECH	6.26	1.00
21 24 16 00-0118	EA	Indicator Lamp 12 Or 24 Volt DC	27.62	4.50
21 24 16 00-0119	EA	Indicator Lamp 120 Volt AC	27.62	4.50
21 24 16 00-0120	EA	B-10 Manual Station Dual Action, SPDT	101.60	16.58
21 24 16 00-0121	EA	B-11 Manual Station Dual Action, DPDT	112.11	18.37
21 24 16 00-0122	EA	Break Rods For B10/B11 Manual Pull Station	3.29	1.30
21 24 16 00-0123	EA	Spare Key For B10/B11 Manual Stations	14.02	2.30
21 24 16 00-0124	EA	MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24 Volt, Flush Grill	150.64	24.67
21 24 16 00-0125	EA	Suppression Abort Station	159.40	26.06
21 24 16 00-0126	EA	Suppression Abort Station With Surface Mount Back Box	185.66	30.37
21 24 16 00-0127	EA	Surface Mount Back Box	61.31	9.99
21 24 16 00-0128	EA	Single Hazard Control Unit, 120 Volt AC IP	1,138.52	186.07
21 24 16 00-0129	EA	Single Hazard Control Unit, 240 Volt AC IP	1,138.52	186.07
21 24 16 00-0130	EA	1 Lead Acid Battery; 24 Volt DC, 1.2 A.H.	94.58	15.48
21 24 16 00-0131	EA	Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W)	3.69	0.70
21 24 16 00-0132	EA	Spare Scorpio Circuit Board	823.18	
21 24 16 00-0133	EA	Extra Scorpio Key	14.01	
21 24 16 00-0134	EA	Extra Scorpio Manual	8.75	
21 24 16 00-0135	EA	Compression Seal Adapter 3/8" Pipe	23.82	3.89
21 24 16 00-0136	EA	Compression Seal Adapter 1/2" Tubing/ 1/4" Pipe	25.87	4.19
21 24 16 00-0137	EA	Compression Seal Adapter 5/8" Tubing/ 3/8" Pipe	31.12	5.09
21 24 16 00-0138	EA	Compression Seal Adapter 3/4" Tubing/ 1/2" Pipe	33.27	5.39
21 24 16 00-0139	EA	Quik Seal Adapter 3/8" NPT Female	25.87	4.19
21 24 16 00-0140	EA	Quik Seal Adapter 1/2" NPT Female	25.87	4.19
21 24 16 00-0141	EA	Quik Seal Adapter 3/4" NPT Female	44.25	7.29
21 24 16 00-0142	EA	Quik Seal Adapter 1" NPT Female	58.67	9.58
21 24 16 00-0143	EA	Quik Patch (Up To 1-1/8" Diameter)	25.87	4.19
21 24 16 00-0144	EA	1-1/4 Gallon Karbaloy Charge	57.57	
21 24 16 00-0145	EA	2-1/2 Gallon Karbaloy Charge	98.96	
21 24 16 00-0146	EA	4 Gallon Karbaloy Charge	149.57	
21 24 16 00-0147	EA	6 Gallon Karbaloy Charge	218.87	
21 24 16 00-0148	EA	Inlet Flushing Adapter	42.91	6.99
21 24 16 00-0149	EA	1/2" Flushing Adapter (Outlet)	42.91	6.99
21 24 16 00-0150	EA	1/8" Flushing Adapter (Outlet)	42.91	6.99
21 24 16 00-0151	EA	1/4" Flushing Adapter (Outlet)	42.91	6.99
21 24 16 00-0152	EA	3/8" Flushing Adapter (Outlet)	42.91	6.99
21 24 16 00-0153	EA	Recharge Adapter (Old Style Cylinder Valve Assembly Only)	59.54	
21 24 16 00-0154	EA	Instruction Label (In Case Of Fire) - MCB	4.83	
21 24 16 00-0155	EA	Caution Sign (Turn On Fan)	5.71	
21 24 16 00-0156	EA	Inspection Label (Authorized installers only)	4.12	
21 24 16 00-0157	EA	Label, Warning, A+ Control Box	3.06	
21 24 16 00-0158	EA	Wet Chemical System Kits, RG-1.25G Kit; #23315	753.13	123.15
21 24 16 00-0159	EA	Wet Chemical System Kits, RG-2.5G Kit; #23316	879.25	143.72
21 24 16 00-0160	EA	Wet Chemical System Kits, RG-4GS Kit; #23317	1,094.70	178.98
21 24 16 00-0161	EA	Wet Chemical System Kits, RG-4GT Kit; #23318	1,094.70	178.98
21 24 16 00-0162	EA	Wet Chemical System Kits, RG-6G Kit; #23319	1,376.69	225.03
21 24 16 00-0163	EA	Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320	652.43	106.67
21 24 16 00-0164	EA	Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321	613.02	100.18
21 24 16 00-0165	EA	Wet Chemical System Kits, A Plus Control Box Kit; #23322	495.67	81.00
21 24 16 00-0166	EA	Wet Chemical System Kits, Valve Rebuild Kit; #23210	858.22	140.33
21 24 16 00-0167	EA	Wet Chemical System Kits, BMCS-1 Package; #23208	786.41	128.54

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21 30 Fire Pumps *(21)*

21 31 Centrifugal Fire Pumps *(21 30)*

21 31 13 Electric-Drive, Centrifugal Fire Pumps *(21 31)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 31 13 00-0001		**Electric-Drive Fire Pumps** *(21 31 13)* Note: Includes fire pump, motor, motor starter, alarm panel, automatic transfer switch, and controller.		
21 31 13 00-0002	EA	20 HP Electric Fire Pump	57,538.80	1,995.46
		For Duplex Pumping System, Add	*55,543.35*	
21 31 13 00-0003	EA	30 HP Electric Fire Pump	67,184.87	2,244.89
		For Duplex Pumping System, Add	*65,106.27*	
21 31 13 00-0004	EA	40 HP Electric Fire Pump	91,730.51	2,494.32
		For Duplex Pumping System, Add	*89,420.96*	
21 31 13 00-0005	EA	50 HP Electric Fire Pump	113,446.75	2,919.28
		For Duplex Pumping System, Add	*110,527.48*	
21 31 13 00-0006	EA	75 HP Electric Fire Pump	126,659.95	3,184.67
		For Duplex Pumping System, Add	*123,475.28*	

21 31 16 Diesel-Drive, Centrifugal Fire Pumps *(21 31)*

21 31 16 00-0001		**Diesel-Drive Fire Pumps** *(21 31 16)* Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump, motor, motor starter, alarm panel, and controller.		
21 31 16 00-0002	EA	30 HP Diesel Driven Fire Pump, NFPA-20 Specific	85,117.48	2,388.51
21 31 16 00-0003	EA	40 HP Diesel Driven Fire Pump, NFPA-20 Specific	96,299.30	2,653.89
21 31 16 00-0004	EA	50 HP Diesel Driven Fire Pump, NFPA-20 Specific	101,148.63	2,919.28
21 31 16 00-0005	EA	75 HP Diesel Driven Fire Pump, NFPA-20 Specific	115,141.30	3,184.67
21 31 16 00-0006	EA	150 HP Diesel Driven Fire Pump, NFPA-20 Specific	122,126.17	3,715.45
21 31 16 00-0007	EA	175 HP Diesel Driven Fire Pump, NFPA-20 Specific	131,249.37	4,777.01
21 31 16 00-0008	EA	200 HP Diesel Driven Fire Pump, NFPA-20 Specific	142,434.26	5,307.79
21 31 16 00-0009	EA	250 HP Diesel Driven Fire Pump, NFPA-20 Specific	162,874.87	6,050.88
21 31 16 00-0010	EA	300 HP Diesel Driven Fire Pump, NFPA-20 Specific	195,277.23	6,528.58
21 31 16 00-0011	EA	350 HP Diesel Driven Fire Pump , NFPA-20 Specific	229,174.64	7,430.90
21 31 16 00-0012	EA	400 HP Diesel Driven Fire Pump , NFPA-20 Specific	272,237.46	7,961.68
21 31 16 00-0013	EA	500 HP Diesel Driven Fire Pump , NFPA-20 Specific	306,684.46	8,492.46

21 34 Fire Pump Accessories *(21 30)*

21 34 13 Pressure Maintenance Pumps *(21 34)*

21 34 13 00-0001		**Jockey Pumps** *(21 34 13)* Note: Includes pump and controller.		
21 34 13 00-0002	EA	Up To 3 HP, 1" Pipe Connection, Jockey Pump And Controller	5,905.84	530.77

END OF SECTION 21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 Plumbing

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

22 01 Operation and Maintenance of Plumbing *(22)*

22 01 10 Operation and Maintenance of Plumbing Piping and Pumps *(22 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

22 01 10 61 Plumbing Piping Repairs *(22 01 10)*

22 01 10 61-0001 Pipe Repair Clamps *(22 01 10 61)*

22 01 10 61-0002	EA	1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	42.69
22 01 10 61-0003	EA	3/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	44.33
22 01 10 61-0004	EA	1" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	48.74
22 01 10 61-0005	EA	1-1/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	51.94
22 01 10 61-0006	EA	1-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	56.18
22 01 10 61-0007	EA	2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	71.54
22 01 10 61-0008	EA	2-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	90.52
22 01 10 61-0009	EA	3" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	104.80
22 01 10 61-0010	EA	4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	120.02
22 01 10 61-0011	EA	1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	67.75
22 01 10 61-0012	EA	3/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	71.30
22 01 10 61-0013	EA	1" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	78.92
22 01 10 61-0014	EA	1-1/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	86.74
22 01 10 61-0015	EA	1-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	95.54
22 01 10 61-0016	EA	2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	123.32
22 01 10 61-0017	EA	2-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	148.84
22 01 10 61-0018	EA	3" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	168.95
22 01 10 61-0019	EA	4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	191.39
22 01 10 61-0020	EA	1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	96.59
22 01 10 61-0021	EA	3/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	100.32
22 01 10 61-0022	EA	1" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	110.85
22 01 10 61-0023	EA	1-1/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	121.58
22 01 10 61-0024	EA	1-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	137.25
22 01 10 61-0025	EA	2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	167.51
22 01 10 61-0026	EA	2-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	195.56
22 01 10 61-0027	EA	3" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	235.35
22 01 10 61-0028	EA	4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	290.41
22 01 10 61-0029	EA	5" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	297.58
22 01 10 61-0030	EA	6" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	319.06

22 01 40 Operation and Maintenance of Plumbing Fixtures *(22 01)*

22 01 40 81 Plumbing Fixtures Replacement *(22 01 40)*

22 01 40 81-0001 Removal And Replacement Of Fixture And/Or Trim *(22 01 40 81)*

Note: Includes removal of existing item(s) and installation of new item(s).

22 01 40 81-0002	EA	Removal And Replacement Of 3/8" To 1/2" Compression Shut-off Valve With 15" Polybutylene Supply Tube	57.01
22 01 40 81-0003	EA	Removal And Replacement Of 3/8" Compression x 1/2" FIP, Braided Stainless Steel, Supply Lines To Sink/Lavatory	18.95
22 01 40 81-0004	EA	Removal And Replacement Of Chrome Supply Lines To Sink/Lavatory, Pair	27.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 01 40 81-0005	EA	Removal And Replacement Of Single Bowl Sink/Lavatory Drain Line	38.77	
22 01 40 81-0006	EA	Removal And Replacement Of Double Bowl Sink/Lavatory Drain Line	60.41	
22 01 40 81-0007	EA	Removal And Replacement Of Shower Head, Polished Chrome	40.64	
22 01 40 81-0008	EA	Removal And Replacement Of Shower Arm	37.56	
22 01 40 81-0009	EA	Removal And Replacement Of Shower Head	43.99	
22 01 40 81-0010	EA	Removal And Replacement Of Shower Knob	34.98	
22 01 40 81-0011	EA	Removal And Replacement Of Shower and Tub Control Trim Note: Excludes balancing valve.	110.64	
22 01 40 81-0012	EA	Removal And Replacement Of Sink Basket Strainer	31.13	
22 01 40 81-0013	EA	Removal And Replacement Of 1-1/2" Sink Drain Without Stopper	16.40	
22 01 40 81-0014	EA	Removal And Replacement Of 4-1/2" Sink Drain Without Stopper	17.26	
22 01 40 81-0015	EA	Removal And Replacement Of 1-1/2" Sink Drain With Stopper	16.40	
22 01 40 81-0016	EA	Removal And Replacement Of 1" Sink Rubber Stopper	8.94	
22 01 40 81-0017	EA	Removal And Replacement Of Sink Tailpiece Extension, 1-1/2" x 8"	25.29	
22 01 40 81-0018	EA	Removal And Replacement Of Sink Trap, Adjustable, 1-1/2"	42.95	
22 01 40 81-0019	EA	Removal And Replacement Of Lavatory Pop-Up Rod	28.32	
22 01 40 81-0020	EA	Removal And Replacement Of Lavatory Pop-up Drain Stopper	30.35	
22 01 40 81-0021	EA	Removal And Replacement Of Faucet Handle	34.37	
22 01 40 81-0022	EA	Removal And Replacement Of Faucet O-Ring	25.50	
22 01 40 81-0023	EA	Removal And Replacement Of 1-1/2" Faucet Hole Cover	19.54	
22 01 40 81-0024	EA	Removal And Replacement Of Toilet Ballcock	36.92	
22 01 40 81-0025	EA	Removal And Replacement Of Toilet Bowl Ring, Flat Wax Note: Excludes removal of toilet.	7.02	
22 01 40 81-0026	EA	Removal And Replacement Of Toilet Tank	149.07	
22 01 40 81-0027	EA	Removal And Replacement Of 10" Toilet Bowl	184.02	
22 01 40 81-0028	EA	Removal And Replacement Of 10", Low-Flush Watersaver, Toilet Bowl	198.96	
22 01 40 81-0029	EA	Removal And Replacement Of 12" Toilet Bowl	213.38	
22 01 40 81-0030	EA	Removal And Replacement Of 18", Elongated, Toilet Bowl	189.04	
22 01 40 81-0031	EA	Removal And Replacement Of Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers	22.30	
22 01 40 81-0032	EA	Removal And Replacement Of Toilet Flapper With Chain	17.12	
22 01 40 81-0033	EA	Removal And Replacement Of Toilet Flush Tank Lever	18.24	
22 01 40 81-0034	EA	Removal And Replacement Of Elongated Toilet Seat With Lid	100.67	
22 01 40 81-0035	EA	Removal And Replacement Of Elongated Toilet Seat Without Lid	92.74	
22 01 40 81-0036	EA	Removal And Replacement Of Handicap Toilet Seat, Complete With Rails	147.81	
22 01 40 81-0037	EA	Removal And Replacement Of Diverter Tub Spout	54.42	
22 01 40 81-0038	EA	Removal And Replacement Of Tub Spout	38.72	
22 01 40 81-0039	EA	Removal And Replacement Of 2" Tub Stopper	10.27	
22 01 40 81-0040	EA	Removal And Replacement Of Tub Waste/Overflow	71.88	
22 01 40 81-0041	EA	Removal And Replacement Of Tub Stem Bonnet Assembly	36.11	
22 01 40 81-0042	EA	Removal And Replacement Of Faucet Bonnet	40.18	
22 01 40 81-0043	EA	Removal And Replacement Of Faucet Diverter Stem	25.07	
22 01 40 81-0044	EA	Removal And Replacement Of Faucet Diverter Stem And Bonnet	33.46	
22 01 40 81-0045	EA	Removal And Replacement Of Faucet Spout	38.38	
22 01 40 81-0046	EA	Removal And Replacement Of Faucet Stem	28.03	
22 01 40 81-0047	EA	Removal And Replacement Of Plastic, Chrome Plated Drinking Fountain Bubbler Valve With Flexible Bubbler Guard	190.26	
22 01 40 81-0048	EA	Removal And Replacement Of Brass, Chrome Plated Drinking Fountain Bubbler Valve	238.37	
22 01 40 81-0049	EA	Removal And Replacement Of Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve	146.02	

22 05 Common Work Results for Plumbing *(22)*

22 05 13 Common Motor Requirements for Plumbing Equipment *(22 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

22 05 16 Expansion Fittings and Loops for Plumbing Piping *(22 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

22 05 17 Sleeves and Sleeve Seals for Plumbing Piping *(22 05)*

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

22 05 19 Meters and Gages for Plumbing Piping *(22 05)*

See CSI section 23 05 19 00-0000 for gages, 33 19 00 00-0000 for water utility service metering.

22 05 23 General-Duty Valves for Plumbing Piping *(22 05)*

See CSI section 23 05 23 00-0000 for additional valves.

22 05 23 00-0001 Gate Valves *(22 05 23)*

22 05 23 00-0002 Class 125 Brazed Or Soldered Bronze Gate Valves *(22 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve 105)

22 05 23 00-0003	EA	1/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	82.64	10.85
		For 150 LB Rating, Add	*5.11*	
		For 200 LB Rating, Add	*7.66*	
		For Work In Restricted Working Space, Add	*9.47*	
22 05 23 00-0004	EA	3/8" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	84.30	10.85
		For 150 LB Rating, Add	*5.11*	
		For 200 LB Rating, Add	*7.66*	
		For Work In Restricted Working Space, Add	*9.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0005	EA	1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	86.35	10.85
		For 150 LB Rating, Add	*5.14*	
		For 200 LB Rating, Add	*7.70*	
		For Work In Restricted Working Space, Add	*10.50*	
22 05 23 00-0006	EA	3/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	102.35	11.93
		For 150 LB Rating, Add	*5.52*	
		For 200 LB Rating, Add	*8.28*	
		For Work In Restricted Working Space, Add	*14.15*	
22 05 23 00-0007	EA	1" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	124.70	13.56
		For 150 LB Rating, Add	*6.76*	
		For 200 LB Rating, Add	*10.14*	
		For Work In Restricted Working Space, Add	*17.12*	
22 05 23 00-0008	EA	1-1/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	182.71	14.43
		For 150 LB Rating, Add	*11.04*	
		For 200 LB Rating, Add	*16.56*	
		For Work In Restricted Working Space, Add	*21.69*	
22 05 23 00-0009	EA	1-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	203.42	16.70
		For 150 LB Rating, Add	*12.00*	
		For 200 LB Rating, Add	*18.00*	
		For Work In Restricted Working Space, Add	*25.03*	
22 05 23 00-0010	EA	2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	243.97	19.73
		For 150 LB Rating, Add	*14.54*	
		For 200 LB Rating, Add	*21.81*	
		For Work In Restricted Working Space, Add	*29.58*	
22 05 23 00-0011	EA	2-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	554.84	26.67
		For 150 LB Rating, Add	*42.17*	
		For 200 LB Rating, Add	*63.25*	
		For Work In Restricted Working Space, Add	*39.95*	
		For Chain Operated Type, Add	*189.75*	
22 05 23 00-0012	EA	3" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	651.24	30.96
		For 150 LB Rating, Add	*49.76*	
		For 200 LB Rating, Add	*74.64*	
		For Work In Restricted Working Space, Add	*46.10*	

22 05 23 00-0013 Class 125 Brazed Or Soldered Bronze Lead Free Gate Valves *(22 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve UP105, Nibco T113-LF)

22 05 23 00-0014	EA	1/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	99.66	10.85
		For 150 LB Rating, Add	*6.81*	
		For 200 LB Rating, Add	*10.21*	
		For Work In Restricted Working Space, Add	*9.47*	
22 05 23 00-0015	EA	3/8" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	101.17	10.85
		For 150 LB Rating, Add	*6.79*	
		For 200 LB Rating, Add	*10.19*	
		For Work In Restricted Working Space, Add	*9.97*	
22 05 23 00-0016	EA	1/2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	117.79	10.85
		For 150 LB Rating, Add	*8.28*	
		For 200 LB Rating, Add	*12.42*	
		For Work In Restricted Working Space, Add	*10.50*	
22 05 23 00-0017	EA	3/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	133.79	11.93
		For 150 LB Rating, Add	*8.66*	
		For 200 LB Rating, Add	*13.00*	
		For Work In Restricted Working Space, Add	*14.15*	
22 05 23 00-0018	EA	1" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	160.57	13.56
		For 150 LB Rating, Add	*10.35*	
		For 200 LB Rating, Add	*15.52*	
		For Work In Restricted Working Space, Add	*17.12*	
22 05 23 00-0019	EA	1-1/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	231.78	14.43
		For 150 LB Rating, Add	*15.95*	
		For 200 LB Rating, Add	*23.92*	
		For Work In Restricted Working Space, Add	*21.69*	
22 05 23 00-0020	EA	1-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	265.14	16.70
		For 150 LB Rating, Add	*18.17*	
		For 200 LB Rating, Add	*27.26*	
		For Work In Restricted Working Space, Add	*25.03*	
22 05 23 00-0021	EA	2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	339.34	19.73
		For 150 LB Rating, Add	*24.07*	
		For 200 LB Rating, Add	*36.11*	
		For Work In Restricted Working Space, Add	*29.58*	

22 05 23 00-0022 200 PSI, Non Rising Stem, Crimped Bronze Gate Valves *(22 05 23 00-0001)*

Note: 200 psi cold working pressure.

22 05 23 00-0023	EA	1/2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	121.97	10.85
		For Work In Restricted Working Space, Add	*7.32*	
22 05 23 00-0024	EA	3/4" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	137.35	11.93
		For Work In Restricted Working Space, Add	*8.34*	
22 05 23 00-0025	EA	1" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	180.75	13.56
		For Work In Restricted Working Space, Add	*9.96*	
22 05 23 00-0026	EA	1-1/4" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	247.11	14.43
		For Work In Restricted Working Space, Add	*10.98*	
22 05 23 00-0027	EA	1-1/2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	286.58	16.70
		For Work In Restricted Working Space, Add	*12.20*	
22 05 23 00-0028	EA	2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	395.00	19.73
		For Work In Restricted Working Space, Add	*14.64*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0029		Ball Valves *(22 05 23)*			
22 05 23 00-0030		Crimped Bronze, Ball Valves *(22 05 23 00-0029)*			
22 05 23 00-0031		Crimped Bronze, 250 PSI, Ball Valves *(22 05 23 00-0030)* Note: Nibco®			
22 05 23 00-0032	EA	1/2" Crimped Bronze, 250 PSI, Ball Valve		83.33	10.85
		For Work In Restricted Working Space, Add		*7.32*	
22 05 23 00-0033	EA	3/4" Crimped Bronze, 250 PSI, Ball Valve		108.10	11.93
		For Work In Restricted Working Space, Add		*8.34*	
22 05 23 00-0034	EA	1" Crimped Bronze, 250 PSI, Ball Valve		138.91	13.56
		For Work In Restricted Working Space, Add		*9.96*	
22 05 23 00-0035	EA	1-1/4" Crimped Bronze, 250 PSI, Ball Valve		225.67	14.43
		For Work In Restricted Working Space, Add		*10.98*	
22 05 23 00-0036	EA	1-1/2" Crimped Bronze, 250 PSI, Ball Valve		298.82	16.70
		For Work In Restricted Working Space, Add		*12.20*	
22 05 23 00-0037	EA	2" Crimped Bronze, 250 PSI, Ball Valve		451.28	19.73
		For Work In Restricted Working Space, Add		*14.64*	
22 05 23 00-0038		Crimped Bronze, 200 PSI, Full Port Ball Valves *(22 05 23 00-0030)*			
22 05 23 00-0039	EA	1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve		52.08	10.85
		For Work In Restricted Working Space, Add		*7.32*	
22 05 23 00-0040	EA	3/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve		66.69	11.93
		For Work In Restricted Working Space, Add		*8.34*	
22 05 23 00-0041	EA	1" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve		81.10	13.56
		For Work In Restricted Working Space, Add		*9.96*	
22 05 23 00-0042	EA	1-1/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve		114.43	14.43
		For Work In Restricted Working Space, Add		*10.98*	
22 05 23 00-0043	EA	1-1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve		148.41	16.70
		For Work In Restricted Working Space, Add		*12.20*	
22 05 23 00-0044	EA	2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve		220.90	19.73
		For Work In Restricted Working Space, Add		*14.64*	
22 05 23 00-0045		Crimped Bronze, 250 PSI, Full Port Ball Valves *(22 05 23 00-0030)*			
22 05 23 00-0046	EA	1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve		60.31	10.85
		For Work In Restricted Working Space, Add		*7.32*	
22 05 23 00-0047	EA	3/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve		72.68	11.93
		For Work In Restricted Working Space, Add		*8.34*	
22 05 23 00-0048	EA	1" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve		90.67	13.56
		For Work In Restricted Working Space, Add		*9.96*	
22 05 23 00-0049	EA	1-1/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve		144.35	14.43
		For Work In Restricted Working Space, Add		*10.98*	
22 05 23 00-0050	EA	1-1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve		212.76	16.70
		For Work In Restricted Working Space, Add		*12.20*	
22 05 23 00-0051	EA	2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve		295.71	19.73
		For Work In Restricted Working Space, Add		*14.64*	
22 05 23 00-0052		Crimped x Threaded Bronze, 250 PSI, Full Port Ball Valves *(22 05 23 00-0030)*			
22 05 23 00-0053	EA	1/2" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve		58.07	10.85
		For Work In Restricted Working Space, Add		*7.32*	
22 05 23 00-0054	EA	3/4" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve		70.59	11.93
		For Work In Restricted Working Space, Add		*8.34*	
22 05 23 00-0055	EA	1" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve		85.88	13.56
		For Work In Restricted Working Space, Add		*9.96*	
22 05 23 00-0056		Check Valves *(22 05 23)*			
22 05 23 00-0057		Crimped Bronze, 200 PSI, Y-Pattern, Swing Check Valves *(22 05 23 00-0056)* Note: Nibco®			
22 05 23 00-0058	EA	1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve		160.58	10.85
		For Work In Restricted Working Space, Add		*7.32*	
22 05 23 00-0059	EA	3/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve		204.64	11.93
		For Work In Restricted Working Space, Add		*8.34*	
22 05 23 00-0060	EA	1" Crimped Bronze, 200 PSI, Y-Pattern Check Valve		283.23	13.56
		For Work In Restricted Working Space, Add		*9.96*	
22 05 23 00-0061	EA	1-1/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve		378.10	14.43
		For Work In Restricted Working Space, Add		*10.98*	
22 05 23 00-0062	EA	1-1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve		451.27	16.70
		For Work In Restricted Working Space, Add		*12.20*	
22 05 23 00-0063	EA	2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve		646.42	19.73
		For Work In Restricted Working Space, Add		*14.64*	
22 05 23 00-0064		Crimped Bronze, 250 PSI, In-Line, Check Valves *(22 05 23 00-0056)*			
22 05 23 00-0065	EA	1/2" Crimped Bronze, 200 PSI, In-Line Check Valve		45.76	10.85
		For Work In Restricted Working Space, Add		*7.32*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0066	EA	3/4" Crimped Bronze, 200 PSI, In-Line Check Valve	55.13	11.93
		For Work In Restricted Working Space, Add	*8.34*	
22 05 23 00-0067	EA	1" Crimped Bronze, 200 PSI, In-Line Check Valve	64.72	13.56
		For Work In Restricted Working Space, Add	*9.96*	
22 05 23 00-0068	EA	1-1/4" Crimped Bronze, 200 PSI, In-Line Check Valve	82.18	14.43
		For Work In Restricted Working Space, Add	*10.98*	
22 05 23 00-0069	EA	1-1/2" Crimped Bronze, 200 PSI, In-Line Check Valve	105.36	16.70
		For Work In Restricted Working Space, Add	*12.20*	
22 05 23 00-0070	EA	2" Crimped Bronze, 200 PSI, In-Line Check Valve	166.53	19.73
		For Work In Restricted Working Space, Add	*14.64*	
22 05 23 00-0071		Butterfly Valves *(22 05 23)*		
22 05 23 00-0072		Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve *(22 05 23 00-0071)*		
22 05 23 00-0073	EA	2-1/2" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	1,207.71	28.96
		For Work In Restricted Working Space, Add	*17.08*	
22 05 23 00-0074	EA	3" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	1,307.08	33.63
		For Work In Restricted Working Space, Add	*20.34*	
22 05 23 00-0075	EA	4" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	1,633.66	37.96
		For Work In Restricted Working Space, Add	*26.84*	
22 05 23 00-0076		Regulators, Clay Valve *(22 05 23)*		
22 05 23 00-0077	EA	4" Regulator - Clay Valve	2,232.11	
22 05 23 00-0078	EA	8" Regulator - Clay Valve	3,032.98	
22 05 23 00-0079	EA	10" Regulator - Clay Valve	4,157.73	
22 05 23 00-0080	EA	12" Regulator - Clay Valve	5,072.38	
22 05 23 00-0081	EA	18" Regulator - Clay Valve	8,731.85	
22 05 23 00-0082	EA	24" Regulator - Clay Valve	14,089.07	
22 05 23 00-0083		Oxygen (Medical) Service Ball Valve *(22 05 23)*		
22 05 23 00-0084	EA	1/2" Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (Nibco NJ93HE6)	346.04	19.73
22 05 23 00-0085	EA	3/4" Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (Nibco NJ93HE8)	356.66	21.69
22 05 23 00-0086	EA	1" Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (Nibco NJ93HCA)	482.02	22.89
22 05 23 00-0087	EA	1-1/4" Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (Nibco NJ93HEB)	586.60	28.96
22 05 23 00-0088	EA	1-1/2" Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (Nibco NJ93HEC)	508.86	33.40
22 05 23 00-0089	EA	2" Pipe, Full Port, Bronze, 3 Piece, Inline, One Way Flow, Oxygen Service Ball Valves With Lever Handle (Nibco NJ9210D)	778.02	39.48

22 05 29 Hangers and Supports for Plumbing Piping and Equipment *(22 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

22 05 33 Heat Tracing for Plumbing Piping *(22 05)*

See CSI section 23 83 13 00-0000 for heat tracing cables.

22 05 48 Vibration and Seismic Controls for Plumbing Piping and Equipment *(22 05)*

22 05 48 13 Vibration Controls for Plumbing Piping and Equipment *(22 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

22 05 53 Identification for Plumbing Piping and Equipment *(22 05)*

See CSI section 23 05 53 00-0000 for identification.

22 05 76 Facility Drainage Piping Cleanouts *(22 05)*

22 05 76 00-0001 Cast Iron Cleanout With Plug And Cover *(22 05 76)*

Note: For floor installation.

22 05 76 00-0002 Cast Iron Cleanout With Plug And Round Or Square Cover *(22 05 76 00-0001)*

22 05 76 00-0003	EA	2" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	666.96	57.70
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0004	EA	3" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	719.11	72.34
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0005	EA	4" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	898.37	87.42
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0006	EA	5" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,293.82	97.82
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0007	EA	6" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,594.91	105.96
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0008		Cast Iron Heavy Duty Cleanout With Plug And Round Cover *(22 05 76 00-0001)*		
22 05 76 00-0009	EA	2" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	770.08	57.70
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0010	EA	3" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	823.78	72.23
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0011	EA	4" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,003.12	87.42
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0012	EA	5" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,398.63	97.82
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0013	EA	6" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,699.63	105.96
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0014		Wall Cover For Cleanout *(22 05 76)*		
		Note: Cover and screw only.		
22 05 76 00-0015		Round Access Cover, Bronze Polished Top *(22 05 76 00-0014)*		
		Note: Cover and screw only.		
22 05 76 00-0016	EA	4-1/4" Diameter Wall Cover For Cleanout, Screwed	98.35	18.11
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0017	EA	5-1/2" Diameter Wall Cover For Cleanout, Screwed	105.59	21.69
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0018	EA	7" Diameter Wall Cover For Cleanout, Screwed	135.56	24.40
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0019	EA	9-1/4" Diameter Wall Cover For Cleanout, Screwed	232.63	27.12
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0020	EA	11-1/4" Diameter Wall Cover For Cleanout, Screwed	352.63	29.83
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0021		Square Wall Access Panel, Bronze Polished Top *(22 05 76 00-0014)*		
		Note: Cover and screw only.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0022	EA	7" x 7" Bronze Wall Or Floor Access Cover	534.84	18.11
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0023	EA	9" x 9" Bronze Wall Or Floor Access Cover	772.14	18.98
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0024	EA	10" x 10" Bronze Wall Or Floor Access Cover	825.11	20.07
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0025	EA	14" x 14" Bronze Wall Or Floor Access Cover	922.87	22.78
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0026		**Secured Square Wall Access Panel, Bronze Polished Top** *(22 05 76 00-0014)*		
		Note: Cover and screw only.		
22 05 76 00-0027	EA	6" x 6" Bronze Secured Wall Access Panel	544.59	18.11
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0028	EA	8" x 8" Bronze Secured Wall Access Panel	786.50	18.98
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0029	EA	10" x 10" Bronze Secured Wall Access Panel	840.46	20.07
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0030	EA	12" x 12" Bronze Secured Wall Access Panel	940.03	22.78
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0031		**Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated** *(22 05 76 00-0014)*		
		Note: Cover and screw only.		
22 05 76 00-0032	EA	6" x 6" Bronze Secured Hinged Access Panel, Scoriated	528.12	18.11
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0033	EA	8" x 8" Bronze Secured Hinged Access Panel, Scoriated	732.36	18.98
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0034	EA	10" x 10" Bronze Secured Hinged Access Panel, Scoriated	1,040.54	20.07
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0035	EA	12" x 12" Bronze Secured Hinged Access Panel, Scoriated	1,260.16	22.78
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0036		**Cast Iron Cleanout Tee** *(22 05 76)*		
22 05 76 00-0037		**Cast Iron Cleanout Tee And Round Access Cover** *(22 05 76 00-0036)*		
		Note: Satin smooth secured cover.		
22 05 76 00-0038	EA	2" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	481.52	57.70
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0039	EA	3" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	548.85	72.23
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0040	EA	4" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	718.07	87.42
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0041	EA	6" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	1,737.12	105.96
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0042		**Cast Iron Cleanout Tee And Square Access Cover** *(22 05 76 00-0036)*		
		Note: Satin smooth secured cover.		
22 05 76 00-0043	EA	2" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	847.66	57.70
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0044	EA	3" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	914.99	72.23
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0045	EA	4" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	1,059.91	87.42
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0046	EA	6" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	2,231.67	105.96
		For Vandal Proof Screws, Add	*19.50*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0047		**Cast Iron Cleanout Tee With Brass Plug** *(22 05 76 00-0036)*		
22 05 76 00-0048	EA	2" Cleanout Tee With Cast Bronze Screw Plug	394.61	47.17
22 05 76 00-0049	EA	3" Cleanout Tee With Cast Bronze Screw Plug	441.46	51.52
22 05 76 00-0050	EA	4" Cleanout Tee With Cast Bronze Screw Plug	588.55	67.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0051	EA	5" Cleanout Tee With Cast Bronze Screw Plug	889.45	80.26
22 05 76 00-0052	EA	6" Cleanout Tee With Cast Bronze Screw Plug	1,526.18	94.90
22 05 76 00-0053		Removable Cleanout Plug *(22 05 76)*		
22 05 76 00-0054		Threaded Bronze Plugs *(22 05 76 00-0053)*		
22 05 76 00-0055	EA	1-1/4", 1-1/2" Or 2" Threaded Bronze Plug	78.68	13.56
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0056	EA	2-1/2" Threaded Bronze Plug	94.89	14.75
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0057	EA	3" Threaded Bronze Plug	165.95	16.27
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0058	EA	3-1/2" Threaded Bronze Plug	185.43	18.98
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0059	EA	4" Threaded Bronze Plug	209.57	21.69
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0060	EA	5" Threaded Bronze Plug	296.89	24.40
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0061	EA	6" Threaded Bronze Plug	440.35	27.12
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0062	EA	8" Threaded Bronze Plug	749.83	29.83
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0063	EA	10" Threaded Bronze Plug	1,082.78	32.54
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0064		Threaded Brass Plugs *(22 05 76 00-0053)*		
22 05 76 00-0065	EA	1-1/2" Threaded Brass Plug, Raised Head	30.45	13.56
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0066	EA	2" Threaded Brass Plug, Raised Head	31.02	13.56
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0067	EA	2-1/2" Threaded Brass Plug, Raised Head	33.85	14.75
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0068	EA	3" Threaded Brass Plug, Raised Head	38.37	16.27
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0069	EA	3-1/2" Threaded Brass Plug, Raised Head	45.36	18.98
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0070	EA	4" Threaded Brass Plug, Raised Head	53.41	21.69
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0071	EA	4-1/2" Threaded Brass Plug, Raised Head	57.41	22.85
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0072	EA	5" Threaded Brass Plug, Raised Head	61.78	24.40
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0073	EA	6" Threaded Brass Plug, Raised Head	81.23	27.11
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0074	EA	1-1/2" Threaded Brass Plug, Countersunk Head	29.99	13.56
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0075	EA	2" Threaded Brass Plug, Countersunk Head	30.63	13.56
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0076	EA	2-1/2" Threaded Brass Plug, Countersunk Head	35.11	14.75
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0077	EA	3" Threaded Brass Plug, Countersunk Head	38.55	16.27
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0078	EA	3-1/2" Threaded Brass Plug, Countersunk Head	44.81	18.98
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0079	EA	4" Threaded Brass Plug, Countersunk Head	52.55	21.69
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0080	EA	5" Threaded Brass Plug, Countersunk Head	61.31	24.40
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0081	EA	6" Threaded Brass Plug, Countersunk Head	73.70	27.12
		For Plug Tapped For Center Screw, Add	*9.50*	

22 07 Plumbing Insulation *(22)*

22 07 16 Plumbing Equipment Insulation *(22 07)*

22 07 16 00-0001		Lavatory Insulation *(22 07 16)*		
22 07 16 00-0002	EA	Neoprene Insulation Kit For Under Lavatories	322.36	21.61

22 07 19 Plumbing Piping Insulation *(22 07)*

22 07 19 00-0001 Fiberglass (Glass Fiber) Pipe Insulation *(22 07 19)*

Note: Includes factory applied All Service Jacket (ASJ), Self Sealing Lap (SSL) longitudinal seam, butt strip seals, and adhesive. Excludes insulation for fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0002 1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0003	LF	1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.41	2.12
		For Single Layer Of Felt Finish, Add	*0.18*	
		For Work In Restricted Working Space, Add	*1.72*	
22 07 19 00-0004	LF	3/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.60	2.12
		For Single Layer Of Felt Finish, Add	*0.20*	
		For Work In Restricted Working Space, Add	*1.72*	
22 07 19 00-0005	LF	1" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.08	2.21
		For Single Layer Of Felt Finish, Add	*0.21*	
		For Work In Restricted Working Space, Add	*1.82*	
22 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.39	2.31
		For Single Layer Of Felt Finish, Add	*0.23*	
		For Work In Restricted Working Space, Add	*1.85*	
22 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.65	2.31
		For Single Layer Of Felt Finish, Add	*0.25*	
		For Work In Restricted Working Space, Add	*1.89*	
22 07 19 00-0008	LF	2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.16	2.40
		For Single Layer Of Felt Finish, Add	*0.27*	
		For Work In Restricted Working Space, Add	*1.99*	
22 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.65	2.50
		For Single Layer Of Felt Finish, Add	*0.30*	
		For Work In Restricted Working Space, Add	*2.03*	
22 07 19 00-0010	LF	3" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.21	2.59
		For Single Layer Of Felt Finish, Add	*0.34*	
		For Work In Restricted Working Space, Add	*2.09*	
22 07 19 00-0011	LF	4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.68	2.78
		For Single Layer Of Felt Finish, Add	*0.43*	
		For Work In Restricted Working Space, Add	*2.26*	
22 07 19 00-0012	LF	6" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.82	3.27
		For Single Layer Of Felt Finish, Add	*0.53*	
		For Work In Restricted Working Space, Add	*2.64*	
22 07 19 00-0013		**1" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0014	LF	1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.91	2.88
		For Single Layer Of Felt Finish, Add	*0.21*	
		For Work In Restricted Working Space, Add	*2.37*	
22 07 19 00-0015	LF	3/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.20	2.88
		For Single Layer Of Felt Finish, Add	*0.24*	
		For Work In Restricted Working Space, Add	*2.37*	
22 07 19 00-0016	LF	1" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.37	2.88
		For Single Layer Of Felt Finish, Add	*0.25*	
		For Work In Restricted Working Space, Add	*2.40*	
22 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.78	2.97
		For Single Layer Of Felt Finish, Add	*0.28*	
		For Work In Restricted Working Space, Add	*2.44*	
22 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.09	2.97
		For Single Layer Of Felt Finish, Add	*0.30*	
		For Work In Restricted Working Space, Add	*2.47*	
22 07 19 00-0019	LF	2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.59	3.08
		For Single Layer Of Felt Finish, Add	*0.33*	
		For Work In Restricted Working Space, Add	*2.54*	
22 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.25	3.27
		For Single Layer Of Felt Finish, Add	*0.36*	
		For Work In Restricted Working Space, Add	*2.64*	
22 07 19 00-0021	LF	3" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.93	3.36
		For Single Layer Of Felt Finish, Add	*0.41*	
		For Work In Restricted Working Space, Add	*2.71*	
22 07 19 00-0022	LF	4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.74	3.55
		For Single Layer Of Felt Finish, Add	*0.53*	
		For Work In Restricted Working Space, Add	*2.92*	
22 07 19 00-0023	LF	6" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.10	4.13
		For Single Layer Of Felt Finish, Add	*0.64*	
		For Work In Restricted Working Space, Add	*3.29*	
22 07 19 00-0024	LF	8" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.35	4.61
		For Single Layer Of Felt Finish, Add	*0.92*	
		For Work In Restricted Working Space, Add	*3.77*	
22 07 19 00-0025	LF	10" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.10	5.48
		For Single Layer Of Felt Finish, Add	*1.08*	
		For Work In Restricted Working Space, Add	*4.46*	
22 07 19 00-0026	LF	12" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.78	6.24
		For Single Layer Of Felt Finish, Add	*1.22*	
		For Work In Restricted Working Space, Add	*5.15*	
22 07 19 00-0027	LF	14" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	31.22	6.82
		For Single Layer Of Felt Finish, Add	*1.41*	
		For Work In Restricted Working Space, Add	*5.33*	
22 07 19 00-0028		**1-1/2" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0029	LF	1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.32	2.96
		For Single Layer Of Felt Finish, Add	*0.43*	
		For Work In Restricted Working Space, Add	*2.47*	
22 07 19 00-0030	LF	3/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.50	2.96
		For Single Layer Of Felt Finish, Add	*0.45*	
		For Work In Restricted Working Space, Add	*2.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0031	LF	1" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.21	3.14
		For Single Layer Of Felt Finish, Add	*0.47*	
		For Work In Restricted Working Space, Add	*2.61*	
22 07 19 00-0032	LF	1-1/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.71	3.21
		For Single Layer Of Felt Finish, Add	*0.51*	
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-0033	LF	1-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.13	3.27
		For Single Layer Of Felt Finish, Add	*0.54*	
		For Work In Restricted Working Space, Add	*2.71*	
22 07 19 00-0034	LF	2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.10	3.44
		For Single Layer Of Felt Finish, Add	*0.58*	
		For Work In Restricted Working Space, Add	*2.86*	
22 07 19 00-0035	LF	2-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.81	3.50
		For Single Layer Of Felt Finish, Add	*0.64*	
		For Work In Restricted Working Space, Add	*2.91*	
22 07 19 00-0036	LF	3" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.32	3.62
		For Single Layer Of Felt Finish, Add	*0.66*	
		For Work In Restricted Working Space, Add	*3.01*	
22 07 19 00-0037	LF	4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.06	3.92
		For Single Layer Of Felt Finish, Add	*0.76*	
		For Work In Restricted Working Space, Add	*3.25*	
22 07 19 00-0038	LF	6" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.89	4.57
		For Single Layer Of Felt Finish, Add	*0.87*	
		For Work In Restricted Working Space, Add	*3.80*	
22 07 19 00-0039	LF	8" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.68	4.82
		For Single Layer Of Felt Finish, Add	*1.08*	
		For Work In Restricted Working Space, Add	*4.01*	
22 07 19 00-0040	LF	10" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	29.00	5.77
		For Single Layer Of Felt Finish, Add	*1.37*	
		For Work In Restricted Working Space, Add	*4.80*	
22 07 19 00-0041	LF	12" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	32.79	6.73
		For Single Layer Of Felt Finish, Add	*1.49*	
		For Work In Restricted Working Space, Add	*5.59*	
22 07 19 00-0042	LF	14" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	36.81	7.37
		For Single Layer Of Felt Finish, Add	*1.72*	
		For Work In Restricted Working Space, Add	*6.12*	

22 07 19 00-0043 2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0044	LF	1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.45	3.27
		For Single Layer Of Felt Finish, Add	*0.67*	
		For Work In Restricted Working Space, Add	*2.71*	
22 07 19 00-0045	LF	3/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.67	3.27
		For Single Layer Of Felt Finish, Add	*0.70*	
		For Work In Restricted Working Space, Add	*2.71*	
22 07 19 00-0046	LF	1" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.25	3.36
		For Single Layer Of Felt Finish, Add	*0.75*	
		For Work In Restricted Working Space, Add	*2.75*	
22 07 19 00-0047	LF	1-1/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.77	3.36
		For Single Layer Of Felt Finish, Add	*0.79*	
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-0048	LF	1-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.31	3.46
		For Single Layer Of Felt Finish, Add	*0.83*	
		For Work In Restricted Working Space, Add	*2.81*	
22 07 19 00-0049	LF	2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.96	3.55
		For Single Layer Of Felt Finish, Add	*0.87*	
		For Work In Restricted Working Space, Add	*2.92*	
22 07 19 00-0050	LF	2-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.91	3.65
		For Single Layer Of Felt Finish, Add	*0.93*	
		For Work In Restricted Working Space, Add	*3.02*	
22 07 19 00-0051	LF	3" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.96	3.84
		For Single Layer Of Felt Finish, Add	*1.00*	
		For Work In Restricted Working Space, Add	*3.12*	
22 07 19 00-0052	LF	4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.91	4.03
		For Single Layer Of Felt Finish, Add	*1.15*	
		For Work In Restricted Working Space, Add	*3.29*	
22 07 19 00-0053	LF	6" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.87	4.74
		For Single Layer Of Felt Finish, Add	*1.33*	
		For Work In Restricted Working Space, Add	*3.95*	
22 07 19 00-0054	LF	8" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	29.60	5.00
		For Single Layer Of Felt Finish, Add	*1.65*	
		For Work In Restricted Working Space, Add	*4.17*	
22 07 19 00-0055	LF	10" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	35.43	5.98
		For Single Layer Of Felt Finish, Add	*1.97*	
		For Work In Restricted Working Space, Add	*4.99*	
22 07 19 00-0056	LF	12" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	40.56	7.18
		For Single Layer Of Felt Finish, Add	*2.17*	
		For Work In Restricted Working Space, Add	*5.98*	
22 07 19 00-0057	LF	14" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	51.13	7.82
		For Single Layer Of Felt Finish, Add	*2.45*	
		For Work In Restricted Working Space, Add	*8.34*	
22 07 19 00-0058	LF	16" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	54.36	9.18
		For Single Layer Of Felt Finish, Add	*2.79*	
		For Work In Restricted Working Space, Add	*8.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0059	LF	18" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	60.75	9.63
		For Single Layer Of Felt Finish, Add	*3.31*	
		For Work In Restricted Working Space, Add	*8.75*	
22 07 19 00-0060	LF	20" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	68.78	11.01
		For Single Layer Of Felt Finish, Add	*3.72*	
		For Work In Restricted Working Space, Add	*10.01*	
22 07 19 00-0061	LF	24" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	79.57	13.30
		For Single Layer Of Felt Finish, Add	*4.12*	
		For Work In Restricted Working Space, Add	*12.09*	
22 07 19 00-0062		2-1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*		
22 07 19 00-0063	LF	1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.35	3.84
		For Single Layer Of Felt Finish, Add	*0.94*	
		For Work In Restricted Working Space, Add	*3.13*	
22 07 19 00-0064	LF	3/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.66	3.84
		For Single Layer Of Felt Finish, Add	*0.97*	
		For Work In Restricted Working Space, Add	*3.13*	
22 07 19 00-0065	LF	1" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.50	3.84
		For Single Layer Of Felt Finish, Add	*1.04*	
		For Work In Restricted Working Space, Add	*3.18*	
22 07 19 00-0066	LF	1-1/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.13	3.94
		For Single Layer Of Felt Finish, Add	*1.10*	
		For Work In Restricted Working Space, Add	*3.20*	
22 07 19 00-0067	LF	1-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.79	3.94
		For Single Layer Of Felt Finish, Add	*1.16*	
		For Work In Restricted Working Space, Add	*3.23*	
22 07 19 00-0068	LF	2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.69	4.13
		For Single Layer Of Felt Finish, Add	*1.21*	
		For Work In Restricted Working Space, Add	*3.36*	
22 07 19 00-0069	LF	2-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.03	4.22
		For Single Layer Of Felt Finish, Add	*1.31*	
		For Work In Restricted Working Space, Add	*3.47*	
22 07 19 00-0070	LF	3" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.23	4.42
		For Single Layer Of Felt Finish, Add	*1.39*	
		For Work In Restricted Working Space, Add	*3.59*	
22 07 19 00-0071	LF	4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.05	4.61
		For Single Layer Of Felt Finish, Add	*1.62*	
		For Work In Restricted Working Space, Add	*3.79*	
22 07 19 00-0072	LF	6" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	32.19	4.90
		For Single Layer Of Felt Finish, Add	*1.87*	
		For Work In Restricted Working Space, Add	*4.31*	
22 07 19 00-0073	LF	8" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	43.75	5.86
		For Single Layer Of Felt Finish, Add	*2.91*	
		For Work In Restricted Working Space, Add	*4.80*	
22 07 19 00-0074	LF	10" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	52.41	6.73
		For Single Layer Of Felt Finish, Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.54*	
22 07 19 00-0075	LF	12" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	59.10	8.36
		For Single Layer Of Felt Finish, Add	*3.80*	
		For Work In Restricted Working Space, Add	*6.89*	
22 07 19 00-0076	LF	14" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	67.05	9.22
		For Single Layer Of Felt Finish, Add	*4.41*	
		For Work In Restricted Working Space, Add	*7.52*	
22 07 19 00-0077	LF	16" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	78.29	11.72
		For Single Layer Of Felt Finish, Add	*4.86*	
		For Work In Restricted Working Space, Add	*9.60*	
22 07 19 00-0078	LF	18" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	84.40	12.29
		For Single Layer Of Felt Finish, Add	*5.33*	
		For Work In Restricted Working Space, Add	*10.09*	
22 07 19 00-0079	LF	20" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	95.71	14.03
		For Single Layer Of Felt Finish, Add	*6.02*	
		For Work In Restricted Working Space, Add	*11.53*	
22 07 19 00-0080	LF	24" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	112.28	16.94
		For Single Layer Of Felt Finish, Add	*6.92*	
		For Work In Restricted Working Space, Add	*13.93*	
22 07 19 00-0081		3" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*		
22 07 19 00-0082	LF	1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.33	4.25
		For Single Layer Of Felt Finish, Add	*1.03*	
		For Work In Restricted Working Space, Add	*3.46*	
22 07 19 00-0083	LF	3/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.67	4.25
		For Single Layer Of Felt Finish, Add	*1.06*	
		For Work In Restricted Working Space, Add	*3.46*	
22 07 19 00-0084	LF	1" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.53	4.29
		For Single Layer Of Felt Finish, Add	*1.14*	
		For Work In Restricted Working Space, Add	*3.50*	
22 07 19 00-0085	LF	1-1/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.21	4.32
		For Single Layer Of Felt Finish, Add	*1.21*	
		For Work In Restricted Working Space, Add	*3.52*	
22 07 19 00-0086	LF	1-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.97	4.36
		For Single Layer Of Felt Finish, Add	*1.27*	
		For Work In Restricted Working Space, Add	*3.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0087	LF	2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.91	4.53
		For Single Layer Of Felt Finish, Add	*1.33*	
		For Work In Restricted Working Space, Add	*3.69*	
22 07 19 00-0088	LF	2-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.37	4.68
		For Single Layer Of Felt Finish, Add	*1.43*	
		For Work In Restricted Working Space, Add	*3.81*	
22 07 19 00-0089	LF	3" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.71	4.85
		For Single Layer Of Felt Finish, Add	*1.53*	
		For Work In Restricted Working Space, Add	*3.95*	
22 07 19 00-0090	LF	4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.82	5.12
		For Single Layer Of Felt Finish, Add	*1.78*	
		For Work In Restricted Working Space, Add	*4.17*	
22 07 19 00-0091	LF	6" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	35.36	5.81
		For Single Layer Of Felt Finish, Add	*2.05*	
		For Work In Restricted Working Space, Add	*4.74*	
22 07 19 00-0092	LF	8" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	48.05	6.47
		For Single Layer Of Felt Finish, Add	*3.20*	
		For Work In Restricted Working Space, Add	*5.28*	
22 07 19 00-0093	LF	10" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	57.57	7.47
		For Single Layer Of Felt Finish, Add	*3.91*	
		For Work In Restricted Working Space, Add	*6.09*	
22 07 19 00-0094	LF	12" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	64.92	9.29
		For Single Layer Of Felt Finish, Add	*4.17*	
		For Work In Restricted Working Space, Add	*7.57*	
22 07 19 00-0095	LF	14" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	73.65	10.14
		For Single Layer Of Felt Finish, Add	*4.84*	
		For Work In Restricted Working Space, Add	*8.27*	
22 07 19 00-0096	LF	16" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	86.00	12.96
		For Single Layer Of Felt Finish, Add	*5.33*	
		For Work In Restricted Working Space, Add	*10.56*	
22 07 19 00-0097	LF	18" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	92.70	13.61
		For Single Layer Of Felt Finish, Add	*5.85*	
		For Work In Restricted Working Space, Add	*11.09*	
22 07 19 00-0098	LF	20" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	105.15	15.56
		For Single Layer Of Felt Finish, Add	*6.60*	
		For Work In Restricted Working Space, Add	*12.68*	
22 07 19 00-0099	LF	24" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	123.35	18.78
		For Single Layer Of Felt Finish, Add	*7.59*	
		For Work In Restricted Working Space, Add	*15.32*	
22 07 19 00-0100		**3-1/2" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0101	LF	1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.94	4.61
		For Single Layer Of Felt Finish, Add	*1.08*	
		For Work In Restricted Working Space, Add	*3.79*	
22 07 19 00-0102	LF	3/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.33	4.61
		For Single Layer Of Felt Finish, Add	*1.12*	
		For Work In Restricted Working Space, Add	*3.79*	
22 07 19 00-0103	LF	1" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.61	4.61
		For Single Layer Of Felt Finish, Add	*1.25*	
		For Work In Restricted Working Space, Add	*3.81*	
22 07 19 00-0104	LF	1-1/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.34	4.71
		For Single Layer Of Felt Finish, Add	*1.32*	
		For Work In Restricted Working Space, Add	*3.84*	
22 07 19 00-0105	LF	1-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.21	4.71
		For Single Layer Of Felt Finish, Add	*1.39*	
		For Work In Restricted Working Space, Add	*3.89*	
22 07 19 00-0106	LF	2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.18	4.90
		For Single Layer Of Felt Finish, Add	*1.45*	
		For Work In Restricted Working Space, Add	*4.02*	
22 07 19 00-0107	LF	2-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.80	5.09
		For Single Layer Of Felt Finish, Add	*1.57*	
		For Work In Restricted Working Space, Add	*4.16*	
22 07 19 00-0108	LF	3" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.14	5.28
		For Single Layer Of Felt Finish, Add	*1.66*	
		For Work In Restricted Working Space, Add	*4.31*	
22 07 19 00-0109	LF	4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	33.69	5.57
		For Single Layer Of Felt Finish, Add	*1.94*	
		For Work In Restricted Working Space, Add	*4.55*	
22 07 19 00-0110	LF	6" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	38.61	6.34
		For Single Layer Of Felt Finish, Add	*2.24*	
		For Work In Restricted Working Space, Add	*5.17*	
22 07 19 00-0111	LF	8" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	52.48	7.01
		For Single Layer Of Felt Finish, Add	*3.49*	
		For Work In Restricted Working Space, Add	*5.76*	
22 07 19 00-0112	LF	10" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	62.89	8.07
		For Single Layer Of Felt Finish, Add	*4.28*	
		For Work In Restricted Working Space, Add	*6.65*	
22 07 19 00-0113	LF	12" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	70.91	10.08
		For Single Layer Of Felt Finish, Add	*4.55*	
		For Work In Restricted Working Space, Add	*8.26*	
22 07 19 00-0114	LF	14" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	80.47	11.04
		For Single Layer Of Felt Finish, Add	*5.29*	
		For Work In Restricted Working Space, Add	*9.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0115	LF	16" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	93.97	14.03
		For Single Layer Of Felt Finish, Add	*5.83*	
		For Work In Restricted Working Space, Add	*11.53*	
22 07 19 00-0116	LF	18" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	101.27	14.79
		For Single Layer Of Felt Finish, Add	*6.40*	
		For Work In Restricted Working Space, Add	*12.10*	
22 07 19 00-0117	LF	20" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	114.90	16.91
		For Single Layer Of Felt Finish, Add	*7.22*	
		For Work In Restricted Working Space, Add	*13.84*	
22 07 19 00-0118	LF	24" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	134.75	20.36
		For Single Layer Of Felt Finish, Add	*8.30*	
		For Work In Restricted Working Space, Add	*16.71*	
22 07 19 00-0119		4" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*		
22 07 19 00-0120	LF	1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.08	5.18
		For Single Layer Of Felt Finish, Add	*1.27*	
		For Work In Restricted Working Space, Add	*4.21*	
22 07 19 00-0121	LF	3/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.51	5.18
		For Single Layer Of Felt Finish, Add	*1.31*	
		For Work In Restricted Working Space, Add	*4.21*	
22 07 19 00-0122	LF	1" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.65	5.18
		For Single Layer Of Felt Finish, Add	*1.40*	
		For Work In Restricted Working Space, Add	*4.28*	
22 07 19 00-0123	LF	1-1/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.57	5.28
		For Single Layer Of Felt Finish, Add	*1.48*	
		For Work In Restricted Working Space, Add	*4.33*	
22 07 19 00-0124	LF	1-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	29.79	5.48
		For Single Layer Of Felt Finish, Add	*1.56*	
		For Work In Restricted Working Space, Add	*4.47*	
22 07 19 00-0125	LF	2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.90	5.67
		For Single Layer Of Felt Finish, Add	*1.63*	
		For Work In Restricted Working Space, Add	*4.61*	
22 07 19 00-0126	LF	2-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	32.39	5.67
		For Single Layer Of Felt Finish, Add	*1.76*	
		For Work In Restricted Working Space, Add	*4.68*	
22 07 19 00-0127	LF	3" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	34.05	5.96
		For Single Layer Of Felt Finish, Add	*1.88*	
		For Work In Restricted Working Space, Add	*4.85*	
22 07 19 00-0128	LF	4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	37.86	6.24
		For Single Layer Of Felt Finish, Add	*2.18*	
		For Work In Restricted Working Space, Add	*5.12*	
22 07 19 00-0129	LF	6" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	43.43	7.11
		For Single Layer Of Felt Finish, Add	*2.53*	
		For Work In Restricted Working Space, Add	*5.81*	
22 07 19 00-0130	LF	8" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	59.03	7.68
		For Single Layer Of Felt Finish, Add	*3.93*	
		For Work In Restricted Working Space, Add	*6.48*	
22 07 19 00-0131	LF	10" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	70.77	9.13
		For Single Layer Of Felt Finish, Add	*4.81*	
		For Work In Restricted Working Space, Add	*7.49*	
22 07 19 00-0132	LF	12" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	79.80	11.33
		For Single Layer Of Felt Finish, Add	*5.13*	
		For Work In Restricted Working Space, Add	*9.29*	
22 07 19 00-0133	LF	14" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	90.55	12.39
		For Single Layer Of Felt Finish, Add	*5.95*	
		For Work In Restricted Working Space, Add	*10.15*	
22 07 19 00-0134	LF	16" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	105.75	15.85
		For Single Layer Of Felt Finish, Add	*6.56*	
		For Work In Restricted Working Space, Add	*12.98*	
22 07 19 00-0135	LF	18" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	113.88	16.62
		For Single Layer Of Felt Finish, Add	*7.20*	
		For Work In Restricted Working Space, Add	*13.60*	
22 07 19 00-0136	LF	20" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	127.47	19.02
		For Single Layer Of Felt Finish, Add	*7.94*	
		For Work In Restricted Working Space, Add	*15.57*	
22 07 19 00-0137	LF	24" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	151.61	22.96
		For Single Layer Of Felt Finish, Add	*9.34*	
		For Work In Restricted Working Space, Add	*18.81*	
22 07 19 00-0138	LF	26" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	172.54	27.08
		For Single Layer Of Felt Finish, Add	*10.36*	
		For Work In Restricted Working Space, Add	*22.16*	
22 07 19 00-0139	LF	28" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	193.59	31.89
		For Single Layer Of Felt Finish, Add	*11.19*	
		For Work In Restricted Working Space, Add	*26.10*	
22 07 19 00-0140	LF	30" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	217.12	37.65
		For Single Layer Of Felt Finish, Add	*11.98*	
		For Work In Restricted Working Space, Add	*30.92*	
22 07 19 00-0141	LF	36" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	260.62	47.87
		For Single Layer Of Felt Finish, Add	*13.61*	
		For Work In Restricted Working Space, Add	*39.31*	
22 07 19 00-0142	LF	42" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	304.13	58.30
		For Single Layer Of Felt Finish, Add	*15.24*	
		For Work In Restricted Working Space, Add	*47.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0143	LF	44" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	325.98	64.07
		For Single Layer Of Felt Finish, Add	*15.82*	
		For Work In Restricted Working Space, Add	*52.58*	
22 07 19 00-0144	LF	46" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	345.83	68.96
		For Single Layer Of Felt Finish, Add	*16.46*	
		For Work In Restricted Working Space, Add	*56.72*	

22 07 19 00-0145 Foamglas (Cellular Glass) Pipe Insulation, Rigid, Closed Cell *(22 07 19)*

Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0146 1" Thick Foamglas Pipe Insulation *(22 07 19 00-0145)*

22 07 19 00-0147	LF	1/2" Diameter Pipe, 1" Thick Foamglas Insulation	16.99	4.69
		For Work In Restricted Working Space, Add	*4.26*	
22 07 19 00-0148	LF	3/4" Diameter Pipe, 1" Thick Foamglas Insulation	17.70	4.69
		For Work In Restricted Working Space, Add	*4.26*	
22 07 19 00-0149	LF	1" Diameter Pipe, 1" Thick Foamglas Insulation	18.62	4.76
		For Work In Restricted Working Space, Add	*4.32*	
22 07 19 00-0150	LF	1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation	19.06	4.82
		For Work In Restricted Working Space, Add	*4.38*	
22 07 19 00-0151	LF	1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	19.74	4.89
		For Work In Restricted Working Space, Add	*4.45*	
22 07 19 00-0152	LF	2" Diameter Pipe, 1" Thick Foamglas Insulation	21.06	5.02
		For Work In Restricted Working Space, Add	*4.57*	
22 07 19 00-0153	LF	2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	22.70	5.23
		For Work In Restricted Working Space, Add	*4.76*	
22 07 19 00-0154	LF	3" Diameter Pipe, 1" Thick Foamglas Insulation	24.50	5.36
		For Work In Restricted Working Space, Add	*4.88*	
22 07 19 00-0155	LF	4" Diameter Pipe, 1" Thick Foamglas Insulation	28.34	5.77
		For Work In Restricted Working Space, Add	*5.25*	
22 07 19 00-0156	LF	6" Diameter Pipe, 1" Thick Foamglas Insulation	36.13	6.51
		For Work In Restricted Working Space, Add	*5.92*	

22 07 19 00-0157 1-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0145)*

22 07 19 00-0158	LF	1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	20.16	5.19
		For Work In Restricted Working Space, Add	*4.57*	
22 07 19 00-0159	LF	3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	20.61	5.19
		For Work In Restricted Working Space, Add	*4.57*	
22 07 19 00-0160	LF	1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	21.26	5.26
		For Work In Restricted Working Space, Add	*4.63*	
22 07 19 00-0161	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	21.79	5.33
		For Work In Restricted Working Space, Add	*4.69*	
22 07 19 00-0162	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	22.28	5.40
		For Work In Restricted Working Space, Add	*4.76*	
22 07 19 00-0163	LF	2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	24.18	5.58
		For Work In Restricted Working Space, Add	*4.91*	
22 07 19 00-0164	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	27.42	5.79
		For Work In Restricted Working Space, Add	*5.10*	
22 07 19 00-0165	LF	3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	30.31	5.97
		For Work In Restricted Working Space, Add	*5.25*	
22 07 19 00-0166	LF	4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	34.36	6.35
		For Work In Restricted Working Space, Add	*5.59*	
22 07 19 00-0167	LF	6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	40.48	7.19
		For Work In Restricted Working Space, Add	*6.33*	
22 07 19 00-0168	LF	8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	45.27	8.02
		For Work In Restricted Working Space, Add	*7.06*	
22 07 19 00-0169	LF	10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	54.97	9.25
		For Work In Restricted Working Space, Add	*8.14*	
22 07 19 00-0170	LF	12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	65.18	11.49
		For Work In Restricted Working Space, Add	*10.11*	
22 07 19 00-0171	LF	14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	72.45	12.09
		For Work In Restricted Working Space, Add	*10.99*	
22 07 19 00-0172	LF	16" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	79.74	13.50
		For Work In Restricted Working Space, Add	*12.28*	
22 07 19 00-0173	LF	18" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	90.31	15.97
		For Work In Restricted Working Space, Add	*14.52*	
22 07 19 00-0174	LF	20" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	100.90	17.69
		For Work In Restricted Working Space, Add	*16.08*	
22 07 19 00-0175	LF	24" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	126.23	19.59
		For Work In Restricted Working Space, Add	*17.81*	

22 07 19 00-0176 2" Thick Foamglas Pipe Insulation *(22 07 19 00-0145)*

22 07 19 00-0177	LF	1/2" Diameter Pipe, 2" Thick Foamglas Insulation	22.70	5.36
		For Work In Restricted Working Space, Add	*4.88*	
22 07 19 00-0178	LF	3/4" Diameter Pipe, 2" Thick Foamglas Insulation	23.39	5.36
		For Work In Restricted Working Space, Add	*4.88*	
22 07 19 00-0179	LF	1" Diameter Pipe, 2" Thick Foamglas Insulation	24.28	5.42
		For Work In Restricted Working Space, Add	*4.94*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0180	LF	1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation	25.57	5.51
		For Work In Restricted Working Space, Add	*5.00*	
22 07 19 00-0181	LF	1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	26.89	5.57
		For Work In Restricted Working Space, Add	*5.06*	
22 07 19 00-0182	LF	2" Diameter Pipe, 2" Thick Foamglas Insulation	30.10	5.77
		For Work In Restricted Working Space, Add	*5.25*	
22 07 19 00-0183	LF	2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	31.58	5.98
		For Work In Restricted Working Space, Add	*5.44*	
22 07 19 00-0184	LF	3" Diameter Pipe, 2" Thick Foamglas Insulation	33.91	6.17
		For Work In Restricted Working Space, Add	*5.62*	
22 07 19 00-0185	LF	4" Diameter Pipe, 2" Thick Foamglas Insulation	38.22	6.52
		For Work In Restricted Working Space, Add	*5.93*	
22 07 19 00-0186	LF	6" Diameter Pipe, 2" Thick Foamglas Insulation	45.76	7.40
		For Work In Restricted Working Space, Add	*6.73*	
22 07 19 00-0187	LF	8" Diameter Pipe, 2" Thick Foamglas Insulation	50.95	8.26
		For Work In Restricted Working Space, Add	*7.51*	
22 07 19 00-0188	LF	10" Diameter Pipe, 2" Thick Foamglas Insulation	62.07	9.52
		For Work In Restricted Working Space, Add	*8.66*	
22 07 19 00-0189	LF	12" Diameter Pipe, 2" Thick Foamglas Insulation	76.88	11.84
		For Work In Restricted Working Space, Add	*10.76*	
22 07 19 00-0190	LF	14" Diameter Pipe, 2" Thick Foamglas Insulation	82.10	12.92
		For Work In Restricted Working Space, Add	*11.74*	
22 07 19 00-0191	LF	16" Diameter Pipe, 2" Thick Foamglas Insulation	96.91	16.51
		For Work In Restricted Working Space, Add	*15.01*	
22 07 19 00-0192	LF	18" Diameter Pipe, 2" Thick Foamglas Insulation	105.74	17.33
		For Work In Restricted Working Space, Add	*15.76*	
22 07 19 00-0193	LF	20" Diameter Pipe, 2" Thick Foamglas Insulation	116.89	19.81
		For Work In Restricted Working Space, Add	*18.01*	
22 07 19 00-0194	LF	24" Diameter Pipe, 2" Thick Foamglas Insulation	146.74	23.94
		For Work In Restricted Working Space, Add	*21.77*	

22 07 19 00-0195 2-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0145)*

22 07 19 00-0196	LF	1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	27.65	5.82
		For Work In Restricted Working Space, Add	*5.29*	
22 07 19 00-0197	LF	3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	28.82	5.81
		For Work In Restricted Working Space, Add	*5.29*	
22 07 19 00-0198	LF	1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	30.31	5.91
		For Work In Restricted Working Space, Add	*5.38*	
22 07 19 00-0199	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	31.62	5.96
		For Work In Restricted Working Space, Add	*5.41*	
22 07 19 00-0200	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	32.95	6.00
		For Work In Restricted Working Space, Add	*5.45*	
22 07 19 00-0201	LF	2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	35.35	6.24
		For Work In Restricted Working Space, Add	*5.68*	
22 07 19 00-0202	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	37.63	6.46
		For Work In Restricted Working Space, Add	*5.87*	
22 07 19 00-0203	LF	3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	40.92	6.69
		For Work In Restricted Working Space, Add	*6.08*	
22 07 19 00-0204	LF	4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	45.91	7.05
		For Work In Restricted Working Space, Add	*6.41*	
22 07 19 00-0205	LF	6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	54.96	8.02
		For Work In Restricted Working Space, Add	*7.29*	
22 07 19 00-0206	LF	8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	61.23	8.94
		For Work In Restricted Working Space, Add	*8.13*	
22 07 19 00-0207	LF	10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	69.86	10.30
		For Work In Restricted Working Space, Add	*9.37*	
22 07 19 00-0208	LF	12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	86.98	12.82
		For Work In Restricted Working Space, Add	*11.65*	
22 07 19 00-0209	LF	14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	90.62	13.99
		For Work In Restricted Working Space, Add	*12.72*	
22 07 19 00-0210	LF	16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	106.65	17.88
		For Work In Restricted Working Space, Add	*16.25*	
22 07 19 00-0211	LF	18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	116.06	18.76
		For Work In Restricted Working Space, Add	*17.06*	
22 07 19 00-0212	LF	20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	133.46	21.45
		For Work In Restricted Working Space, Add	*19.50*	
22 07 19 00-0213	LF	24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	167.28	25.92
		For Work In Restricted Working Space, Add	*23.56*	

22 07 19 00-0214 3" Thick Foamglas Pipe Insulation *(22 07 19 00-0145)*

22 07 19 00-0215	LF	1/2" Diameter Pipe, 3" Thick Foamglas Insulation	33.52	6.18
		For Work In Restricted Working Space, Add	*5.63*	
22 07 19 00-0216	LF	3/4" Diameter Pipe, 3" Thick Foamglas Insulation	34.23	6.18
		For Work In Restricted Working Space, Add	*5.63*	
22 07 19 00-0217	LF	1" Diameter Pipe, 3" Thick Foamglas Insulation	35.26	6.29
		For Work In Restricted Working Space, Add	*5.72*	
22 07 19 00-0218	LF	1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation	36.10	6.33
		For Work In Restricted Working Space, Add	*5.76*	
22 07 19 00-0219	LF	1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	36.98	6.38
		For Work In Restricted Working Space, Add	*5.80*	
22 07 19 00-0220	LF	2" Diameter Pipe, 3" Thick Foamglas Insulation	39.78	6.64
		For Work In Restricted Working Space, Add	*6.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0221	LF	2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	42.46	6.88
		For Work In Restricted Working Space, Add	*6.25*	
22 07 19 00-0222	LF	3" Diameter Pipe, 3" Thick Foamglas Insulation	48.36	7.12
		For Work In Restricted Working Space, Add	*6.47*	
22 07 19 00-0223	LF	4" Diameter Pipe, 3" Thick Foamglas Insulation	55.29	7.50
		For Work In Restricted Working Space, Add	*6.82*	
22 07 19 00-0224	LF	6" Diameter Pipe, 3" Thick Foamglas Insulation	60.48	8.53
		For Work In Restricted Working Space, Add	*7.75*	
22 07 19 00-0225	LF	8" Diameter Pipe, 3" Thick Foamglas Insulation	68.34	9.51
		For Work In Restricted Working Space, Add	*8.65*	
22 07 19 00-0226	LF	10" Diameter Pipe, 3" Thick Foamglas Insulation	81.59	10.97
		For Work In Restricted Working Space, Add	*9.97*	
22 07 19 00-0227	LF	12" Diameter Pipe, 3" Thick Foamglas Insulation	94.61	13.63
		For Work In Restricted Working Space, Add	*12.39*	
22 07 19 00-0228	LF	14" Diameter Pipe, 3" Thick Foamglas Insulation	101.25	14.88
		For Work In Restricted Working Space, Add	*13.52*	
22 07 19 00-0229	LF	16" Diameter Pipe, 3" Thick Foamglas Insulation	120.66	19.02
		For Work In Restricted Working Space, Add	*17.29*	
22 07 19 00-0230	LF	18" Diameter Pipe, 3" Thick Foamglas Insulation	129.24	19.96
		For Work In Restricted Working Space, Add	*18.15*	
22 07 19 00-0231	LF	20" Diameter Pipe, 3" Thick Foamglas Insulation	151.55	22.82
		For Work In Restricted Working Space, Add	*20.75*	
22 07 19 00-0232	LF	24" Diameter Pipe, 3" Thick Foamglas Insulation	185.34	27.58
		For Work In Restricted Working Space, Add	*25.07*	

22 07 19 00-0233 3-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0145)*

22 07 19 00-0234	LF	1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	40.38	7.50
		For Work In Restricted Working Space, Add	*6.82*	
22 07 19 00-0235	LF	3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	41.27	7.50
		For Work In Restricted Working Space, Add	*6.82*	
22 07 19 00-0236	LF	1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	42.31	7.55
		For Work In Restricted Working Space, Add	*6.87*	
22 07 19 00-0237	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	43.34	7.59
		For Work In Restricted Working Space, Add	*6.91*	
22 07 19 00-0238	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	44.53	7.69
		For Work In Restricted Working Space, Add	*7.00*	
22 07 19 00-0239	LF	2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	49.09	7.97
		For Work In Restricted Working Space, Add	*7.24*	
22 07 19 00-0240	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	53.70	8.24
		For Work In Restricted Working Space, Add	*7.49*	
22 07 19 00-0241	LF	3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	56.74	8.53
		For Work In Restricted Working Space, Add	*7.75*	
22 07 19 00-0242	LF	4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	60.80	9.01
		For Work In Restricted Working Space, Add	*8.20*	
22 07 19 00-0243	LF	6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	70.02	10.23
		For Work In Restricted Working Space, Add	*9.31*	
22 07 19 00-0244	LF	8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	79.66	11.40
		For Work In Restricted Working Space, Add	*10.36*	
22 07 19 00-0245	LF	10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	95.38	13.16
		For Work In Restricted Working Space, Add	*11.96*	
22 07 19 00-0246	LF	12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	112.54	16.35
		For Work In Restricted Working Space, Add	*14.87*	
22 07 19 00-0247	LF	14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	117.24	17.86
		For Work In Restricted Working Space, Add	*16.23*	
22 07 19 00-0248	LF	16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	140.24	22.82
		For Work In Restricted Working Space, Add	*20.75*	
22 07 19 00-0249	LF	18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	154.37	23.97
		For Work In Restricted Working Space, Add	*21.78*	
22 07 19 00-0250	LF	20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	175.73	27.41
		For Work In Restricted Working Space, Add	*24.92*	
22 07 19 00-0251	LF	24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	215.92	33.09
		For Work In Restricted Working Space, Add	*30.08*	

22 07 19 00-0252 4" Thick Foamglas Pipe Insulation *(22 07 19 00-0145)*

22 07 19 00-0253	LF	1/2" Diameter Pipe, 4" Thick Foamglas Insulation	49.14	9.22
		For Work In Restricted Working Space, Add	*8.38*	
22 07 19 00-0254	LF	3/4" Diameter Pipe, 4" Thick Foamglas Insulation	50.29	9.22
		For Work In Restricted Working Space, Add	*8.38*	
22 07 19 00-0255	LF	1" Diameter Pipe, 4" Thick Foamglas Insulation	51.92	9.38
		For Work In Restricted Working Space, Add	*8.53*	
22 07 19 00-0256	LF	1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation	53.40	9.49
		For Work In Restricted Working Space, Add	*8.63*	
22 07 19 00-0257	LF	1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	55.46	9.79
		For Work In Restricted Working Space, Add	*8.90*	
22 07 19 00-0258	LF	2" Diameter Pipe, 4" Thick Foamglas Insulation	60.02	10.08
		For Work In Restricted Working Space, Add	*9.17*	
22 07 19 00-0259	LF	2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	64.12	10.24
		For Work In Restricted Working Space, Add	*9.32*	
22 07 19 00-0260	LF	3" Diameter Pipe, 4" Thick Foamglas Insulation	67.34	10.63
		For Work In Restricted Working Space, Add	*9.66*	
22 07 19 00-0261	LF	4" Diameter Pipe, 4" Thick Foamglas Insulation	73.55	11.85
		For Work In Restricted Working Space, Add	*10.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0262	LF	6" Diameter Pipe, 4" Thick Foamglas Insulation	85.30	12.71
		For Work In Restricted Working Space, Add	*11.57*	
22 07 19 00-0263	LF	8" Diameter Pipe, 4" Thick Foamglas Insulation	96.43	13.79
		For Work In Restricted Working Space, Add	*12.54*	
22 07 19 00-0264	LF	10" Diameter Pipe, 4" Thick Foamglas Insulation	110.31	16.39
		For Work In Restricted Working Space, Add	*14.90*	
22 07 19 00-0265	LF	12" Diameter Pipe, 4" Thick Foamglas Insulation	128.60	20.35
		For Work In Restricted Working Space, Add	*18.50*	
22 07 19 00-0266	LF	14" Diameter Pipe, 4" Thick Foamglas Insulation	139.81	22.22
		For Work In Restricted Working Space, Add	*20.21*	
22 07 19 00-0267	LF	16" Diameter Pipe, 4" Thick Foamglas Insulation	165.49	28.42
		For Work In Restricted Working Space, Add	*25.84*	
22 07 19 00-0268	LF	18" Diameter Pipe, 4" Thick Foamglas Insulation	184.53	29.79
		For Work In Restricted Working Space, Add	*27.08*	
22 07 19 00-0269	LF	20" Diameter Pipe, 4" Thick Foamglas Insulation	206.70	34.09
		For Work In Restricted Working Space, Add	*30.99*	
22 07 19 00-0270	LF	24" Diameter Pipe, 4" Thick Foamglas Insulation	262.64	41.19
		For Work In Restricted Working Space, Add	*37.44*	

22 07 19 00-0271 Polyisocyanurate Pipe Insulation *(22 07 19)*

Note: Dow Trymer insulation with Saran vapor wrap. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0272 1/2" Thick Polyisocyanurate Pipe Insulation *(22 07 19 00-0271)*

22 07 19 00-0273	LF	1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	9.24	2.21
22 07 19 00-0274	LF	3/4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	10.32	2.31
22 07 19 00-0275	LF	1" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	10.91	2.50
22 07 19 00-0276	LF	1-1/4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	11.51	2.59
22 07 19 00-0277	LF	1-1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	11.90	2.59
22 07 19 00-0278	LF	2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	12.61	2.69
22 07 19 00-0279	LF	2-1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	13.57	2.78
22 07 19 00-0280	LF	3" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	14.50	2.97
22 07 19 00-0281	LF	4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	17.07	3.55
22 07 19 00-0282	LF	6" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	20.59	4.03
22 07 19 00-0283	LF	8" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	24.40	4.71
22 07 19 00-0284	LF	10" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	27.65	5.09
22 07 19 00-0285	LF	12" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	32.73	6.24

22 07 19 00-0286 1" Thick Polyisocyanurate Pipe Insulation *(22 07 19 00-0271)*

22 07 19 00-0287	LF	1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	11.05	2.31
22 07 19 00-0288	LF	3/4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	12.59	2.50
22 07 19 00-0289	LF	1" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	13.31	2.59
22 07 19 00-0290	LF	1-1/4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	14.08	2.69
22 07 19 00-0291	LF	1-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	14.73	2.78
22 07 19 00-0292	LF	2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	15.67	2.78
22 07 19 00-0293	LF	2-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	16.93	2.97
22 07 19 00-0294	LF	3" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	18.24	3.17
22 07 19 00-0295	LF	4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	21.52	3.75
22 07 19 00-0296	LF	6" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	27.26	4.71
22 07 19 00-0297	LF	8" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	32.80	5.57
22 07 19 00-0298	LF	10" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	37.66	6.24
22 07 19 00-0299	LF	12" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	42.62	7.01

22 07 19 00-0300 1-1/2" Thick Polyisocyanurate Pipe Insulation *(22 07 19 00-0271)*

22 07 19 00-0301	LF	3/4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	14.38	2.59
22 07 19 00-0302	LF	1" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	15.23	2.69
22 07 19 00-0303	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	16.19	2.78
22 07 19 00-0304	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	16.96	2.88
22 07 19 00-0305	LF	2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	18.11	2.97
22 07 19 00-0306	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	19.68	3.17
22 07 19 00-0307	LF	3" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	21.23	3.27
22 07 19 00-0308	LF	4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	25.09	4.03
22 07 19 00-0309	LF	6" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	32.10	5.09
22 07 19 00-0310	LF	8" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	39.03	6.24
22 07 19 00-0311	LF	10" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	45.06	7.01
22 07 19 00-0312	LF	12" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	49.92	7.49

22 07 19 00-0313 2" Thick Polyisocyanurate Pipe Insulation *(22 07 19 00-0271)*

22 07 19 00-0314	LF	3/4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	18.92	2.69
22 07 19 00-0315	LF	1" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	20.13	2.78
22 07 19 00-0316	LF	1-1/4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	21.21	2.97
22 07 19 00-0317	LF	1-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	22.15	2.97
22 07 19 00-0318	LF	2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	23.00	3.17
22 07 19 00-0319	LF	2-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	24.94	3.36
22 07 19 00-0320	LF	3" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	26.28	3.55
22 07 19 00-0321	LF	4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	31.22	4.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0322	LF	6" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	37.78	5.57
22 07 19 00-0323	LF	8" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	49.63	7.01
22 07 19 00-0324	LF	10" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	52.41	8.07
22 07 19 00-0325	LF	12" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	57.17	8.64

22 07 19 00-0326 Flexible Polyethylene Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-0327 3/8" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0326)*

22 07 19 00-0328	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.25	2.87
		For Work In Restricted Working Space, Add	*1.73*	
22 07 19 00-0329	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.26	2.87
		For Work In Restricted Working Space, Add	*1.73*	
22 07 19 00-0330	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.53	2.97
		For Work In Restricted Working Space, Add	*1.79*	
22 07 19 00-0331	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.80	3.08
		For Work In Restricted Working Space, Add	*1.85*	
22 07 19 00-0332	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.08	3.14
		For Work In Restricted Working Space, Add	*1.88*	
22 07 19 00-0333	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.42	3.18
		For Work In Restricted Working Space, Add	*1.91*	
22 07 19 00-0334	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.55	3.18
		For Work In Restricted Working Space, Add	*1.91*	
22 07 19 00-0335	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.96	3.18
		For Work In Restricted Working Space, Add	*1.92*	
22 07 19 00-0336	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.72	3.28
		For Work In Restricted Working Space, Add	*1.98*	
22 07 19 00-0337	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.05	3.34
		For Work In Restricted Working Space, Add	*2.01*	

22 07 19 00-0338 1/2" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0326)*

22 07 19 00-0339	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.97	3.14
		For Work In Restricted Working Space, Add	*1.88*	
22 07 19 00-0340	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.06	3.14
		For Work In Restricted Working Space, Add	*1.89*	
22 07 19 00-0341	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.19	3.18
		For Work In Restricted Working Space, Add	*1.91*	
22 07 19 00-0342	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.35	3.20
		For Work In Restricted Working Space, Add	*1.92*	
22 07 19 00-0343	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.77	3.28
		For Work In Restricted Working Space, Add	*1.97*	
22 07 19 00-0344	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.12	3.34
		For Work In Restricted Working Space, Add	*2.00*	
22 07 19 00-0345	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.55	3.38
		For Work In Restricted Working Space, Add	*2.03*	
22 07 19 00-0346	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.05	3.43
		For Work In Restricted Working Space, Add	*2.06*	
22 07 19 00-0347	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.93	3.54
		For Work In Restricted Working Space, Add	*2.12*	
22 07 19 00-0348	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.88	3.58
		For Work In Restricted Working Space, Add	*2.15*	
22 07 19 00-0349	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.76	3.63
		For Work In Restricted Working Space, Add	*2.18*	
22 07 19 00-0350	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.29	3.68
		For Work In Restricted Working Space, Add	*2.21*	

22 07 19 00-0351 3/4" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0326)*

22 07 19 00-0352	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.83	3.38
		For Work In Restricted Working Space, Add	*2.03*	
22 07 19 00-0353	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.92	3.43
		For Work In Restricted Working Space, Add	*2.06*	
22 07 19 00-0354	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.50	3.54
		For Work In Restricted Working Space, Add	*2.12*	
22 07 19 00-0355	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.76	3.58
		For Work In Restricted Working Space, Add	*2.15*	
22 07 19 00-0356	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.49	3.68
		For Work In Restricted Working Space, Add	*2.21*	
22 07 19 00-0357	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.26	3.74
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0358	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.61	3.75
		For Work In Restricted Working Space, Add	*2.25*	
22 07 19 00-0359	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.07	3.78
		For Work In Restricted Working Space, Add	*2.27*	
22 07 19 00-0360	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	14.05	3.88
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0361	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	14.14	3.94
		For Work In Restricted Working Space, Add	*2.36*	
22 07 19 00-0362	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	15.58	3.98
		For Work In Restricted Working Space, Add	*2.39*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0363	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	16.16	4.03
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0364		**1" Wall Flexible Polyethylene Tubing Foam Insulation** *(22 07 19 00-0326)*		
22 07 19 00-0365	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.97	3.74
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0366	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.23	3.78
		For Work In Restricted Working Space, Add	*2.27*	
22 07 19 00-0367	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.08	3.88
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0368	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.32	3.94
		For Work In Restricted Working Space, Add	*2.36*	
22 07 19 00-0369	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.62	4.03
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0370	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.24	4.14
		For Work In Restricted Working Space, Add	*2.48*	
22 07 19 00-0371	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.49	4.18
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0372	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.76	4.23
		For Work In Restricted Working Space, Add	*2.54*	
22 07 19 00-0373	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	14.64	4.35
		For Work In Restricted Working Space, Add	*2.60*	
22 07 19 00-0374	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	15.43	4.39
		For Work In Restricted Working Space, Add	*2.63*	
22 07 19 00-0375		**Flexible Elastomeric Tubing Closed Cell Foam Insulation** *(22 07 19)*		
		Note: For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.		
22 07 19 00-0376		**3/8" Wall Flexible Elastomeric Tubing Foam Insulation** *(22 07 19 00-0375)*		
22 07 19 00-0377	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.52	2.87
		For Work In Restricted Working Space, Add	*1.73*	
22 07 19 00-0378	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.65	2.87
		For Work In Restricted Working Space, Add	*1.73*	
22 07 19 00-0379	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.92	2.97
		For Work In Restricted Working Space, Add	*1.79*	
22 07 19 00-0380	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.08	3.02
		For Work In Restricted Working Space, Add	*1.82*	
22 07 19 00-0381	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.26	3.08
		For Work In Restricted Working Space, Add	*1.85*	
22 07 19 00-0382	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.50	3.14
		For Work In Restricted Working Space, Add	*1.88*	
22 07 19 00-0383	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.72	3.18
		For Work In Restricted Working Space, Add	*1.91*	
22 07 19 00-0384	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.94	3.18
		For Work In Restricted Working Space, Add	*1.91*	
22 07 19 00-0385	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.14	3.18
		For Work In Restricted Working Space, Add	*1.92*	
22 07 19 00-0386	LF	2" I.D. (2-1/8" O.D.)Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.35	3.23
		For Work In Restricted Working Space, Add	*1.94*	
22 07 19 00-0387	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.64	3.28
		For Work In Restricted Working Space, Add	*1.97*	
22 07 19 00-0388	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.89	3.28
		For Work In Restricted Working Space, Add	*1.98*	
22 07 19 00-0389	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.07	3.34
		For Work In Restricted Working Space, Add	*2.00*	
22 07 19 00-0390	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.34	3.34
		For Work In Restricted Working Space, Add	*2.01*	
22 07 19 00-0391	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.92	3.38
		For Work In Restricted Working Space, Add	*2.03*	
22 07 19 00-0392	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.58	3.43
		For Work In Restricted Working Space, Add	*2.06*	
22 07 19 00-0393	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.33	3.45
		For Work In Restricted Working Space, Add	*2.07*	
22 07 19 00-0394		**1/2" Wall Flexible Elastomeric Tubing Foam Insulation** *(22 07 19 00-0375)*		
22 07 19 00-0395	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.41	3.14
		For Work In Restricted Working Space, Add	*1.88*	
22 07 19 00-0396	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.52	3.14
		For Work In Restricted Working Space, Add	*1.89*	
22 07 19 00-0397	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.64	3.18
		For Work In Restricted Working Space, Add	*1.91*	
22 07 19 00-0398	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.82	3.18
		For Work In Restricted Working Space, Add	*1.91*	
22 07 19 00-0399	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.97	3.18
		For Work In Restricted Working Space, Add	*1.92*	
22 07 19 00-0400	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.32	3.28
		For Work In Restricted Working Space, Add	*1.97*	
22 07 19 00-0401	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.65	3.34
		For Work In Restricted Working Space, Add	*2.00*	
22 07 19 00-0402	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.95	3.38
		For Work In Restricted Working Space, Add	*2.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0403	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.26	3.41
		For Work In Restricted Working Space, Add	*2.04*	
22 07 19 00-0404	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.51	3.43
		For Work In Restricted Working Space, Add	*2.06*	
22 07 19 00-0405	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.48	3.49
		For Work In Restricted Working Space, Add	*2.09*	
22 07 19 00-0406	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.04	3.54
		For Work In Restricted Working Space, Add	*2.12*	
22 07 19 00-0407	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.48	3.56
		For Work In Restricted Working Space, Add	*2.14*	
22 07 19 00-0408	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.85	3.58
		For Work In Restricted Working Space, Add	*2.15*	
22 07 19 00-0409	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.11	3.61
		For Work In Restricted Working Space, Add	*2.16*	
22 07 19 00-0410	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.33	3.63
		For Work In Restricted Working Space, Add	*2.18*	
22 07 19 00-0411	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.45	3.68
		For Work In Restricted Working Space, Add	*2.21*	
22 07 19 00-0412	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.70	3.71
		For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-0413	LF	5" I.D. (5-9/16" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.79	3.74
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0414	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.05	3.83
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0415	LF	8" IPS (8-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.46	3.94
		For Work In Restricted Working Space, Add	*2.36*	

22 07 19 00-0416 3/4" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0375)*

22 07 19 00-0417	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.62	3.38
		For Work In Restricted Working Space, Add	*2.03*	
22 07 19 00-0418	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.87	3.43
		For Work In Restricted Working Space, Add	*2.06*	
22 07 19 00-0419	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.25	3.54
		For Work In Restricted Working Space, Add	*2.12*	
22 07 19 00-0420	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.49	3.56
		For Work In Restricted Working Space, Add	*2.14*	
22 07 19 00-0421	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.60	3.58
		For Work In Restricted Working Space, Add	*2.15*	
22 07 19 00-0422	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.17	3.68
		For Work In Restricted Working Space, Add	*2.21*	
22 07 19 00-0423	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.63	3.74
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0424	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.11	3.78
		For Work In Restricted Working Space, Add	*2.27*	
22 07 19 00-0425	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.24	3.78
		For Work In Restricted Working Space, Add	*2.27*	
22 07 19 00-0426	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.41	3.81
		For Work In Restricted Working Space, Add	*2.29*	
22 07 19 00-0427	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.98	3.83
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0428	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.28	3.88
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0429	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.92	3.91
		For Work In Restricted Working Space, Add	*2.34*	
22 07 19 00-0430	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.37	3.94
		For Work In Restricted Working Space, Add	*2.36*	
22 07 19 00-0431	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.06	3.96
		For Work In Restricted Working Space, Add	*2.38*	
22 07 19 00-0432	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.32	3.98
		For Work In Restricted Working Space, Add	*2.39*	
22 07 19 00-0433	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.34	4.03
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0434	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.17	4.06
		For Work In Restricted Working Space, Add	*2.44*	
22 07 19 00-0435	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.56	4.08
		For Work In Restricted Working Space, Add	*2.45*	
22 07 19 00-0436	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.02	4.14
		For Work In Restricted Working Space, Add	*2.48*	
22 07 19 00-0437	LF	8" IPS (8-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.77	4.23
		For Work In Restricted Working Space, Add	*2.54*	

22 07 19 00-0438 1" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0375)*

22 07 19 00-0439	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.18	3.73
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0440	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.51	3.78
		For Work In Restricted Working Space, Add	*2.27*	
22 07 19 00-0441	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.91	3.88
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0442	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.26	3.91
		For Work In Restricted Working Space, Add	*2.34*	
22 07 19 00-0443	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.58	3.94
		For Work In Restricted Working Space, Add	*2.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0444	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.11	4.03
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0445	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.95	4.14
		For Work In Restricted Working Space, Add	*2.48*	
22 07 19 00-0446	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.39	4.14
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0447	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.97	4.18
		For Work In Restricted Working Space, Add	*2.53*	
22 07 19 00-0448	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.18	4.23
		For Work In Restricted Working Space, Add	*2.54*	
22 07 19 00-0449	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.45	4.30
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0450	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.44	4.35
		For Work In Restricted Working Space, Add	*2.60*	
22 07 19 00-0451	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.70	4.37
		For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-0452	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.07	4.39
		For Work In Restricted Working Space, Add	*2.63*	
22 07 19 00-0453	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.72	4.42
		For Work In Restricted Working Space, Add	*2.65*	
22 07 19 00-0454	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.04	4.44
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-0455	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.44	4.55
		For Work In Restricted Working Space, Add	*2.72*	
22 07 19 00-0456	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.08	4.59
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-0457	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.48	4.64
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-0458	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.03	4.75
		For Work In Restricted Working Space, Add	*2.84*	

22 07 19 00-0459 1-1/2" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0375)*

22 07 19 00-0460	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.07	4.17
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0461	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.48	4.27
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0462	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.85	4.30
		For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-0463	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.21	4.34
		For Work In Restricted Working Space, Add	*2.59*	
22 07 19 00-0464	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.70	4.43
		For Work In Restricted Working Space, Add	*2.65*	
22 07 19 00-0465	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.52	4.59
		For Work In Restricted Working Space, Add	*2.75*	
22 07 19 00-0466	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.70	4.53
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-0467	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.73	4.63
		For Work In Restricted Working Space, Add	*2.81*	
22 07 19 00-0468	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.36	4.75
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-0469	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.35	4.80
		For Work In Restricted Working Space, Add	*2.88*	
22 07 19 00-0470	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.22	4.86
		For Work In Restricted Working Space, Add	*2.90*	
22 07 19 00-0471	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.11	4.88
		For Work In Restricted Working Space, Add	*2.92*	
22 07 19 00-0472	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.99	4.89
		For Work In Restricted Working Space, Add	*2.94*	
22 07 19 00-0473	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.01	4.92
		For Work In Restricted Working Space, Add	*2.95*	
22 07 19 00-0474	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.66	4.94
		For Work In Restricted Working Space, Add	*2.96*	
22 07 19 00-0475	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	32.17	5.12
		For Work In Restricted Working Space, Add	*3.06*	
22 07 19 00-0476	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	34.05	5.19
		For Work In Restricted Working Space, Add	*3.11*	
22 07 19 00-0477	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	38.62	5.27
		For Work In Restricted Working Space, Add	*3.17*	
22 07 19 00-0478	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	43.14	5.43
		For Work In Restricted Working Space, Add	*3.26*	

22 07 19 00-0479 2" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0375)*

22 07 19 00-0480	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.75	4.61
		For Work In Restricted Working Space, Add	*2.77*	
22 07 19 00-0481	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	24.73	4.68
		For Work In Restricted Working Space, Add	*2.83*	
22 07 19 00-0482	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.43	4.72
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-0483	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	27.01	4.76
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-0484	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.43	4.85
		For Work In Restricted Working Space, Add	*2.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0485	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	30.14	5.08
		For Work In Restricted Working Space, Add	*3.05*	
22 07 19 00-0486	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	31.18	4.96
		For Work In Restricted Working Space, Add	*3.07*	
22 07 19 00-0487	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	33.03	5.13
		For Work In Restricted Working Space, Add	*3.13*	
22 07 19 00-0488	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	34.80	5.30
		For Work In Restricted Working Space, Add	*3.19*	
22 07 19 00-0489	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	35.98	5.36
		For Work In Restricted Working Space, Add	*3.21*	
22 07 19 00-0490	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	38.44	5.43
		For Work In Restricted Working Space, Add	*3.24*	
22 07 19 00-0491	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	38.73	5.44
		For Work In Restricted Working Space, Add	*3.26*	
22 07 19 00-0492	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	41.03	5.45
		For Work In Restricted Working Space, Add	*3.28*	
22 07 19 00-0493	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	42.63	5.48
		For Work In Restricted Working Space, Add	*3.29*	
22 07 19 00-0494	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	44.34	5.51
		For Work In Restricted Working Space, Add	*3.30*	
22 07 19 00-0495	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	49.95	5.77
		For Work In Restricted Working Space, Add	*3.44*	
22 07 19 00-0496	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	53.23	5.88
		For Work In Restricted Working Space, Add	*3.52*	
22 07 19 00-0497	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	54.17	5.99
		For Work In Restricted Working Space, Add	*3.60*	
22 07 19 00-0498	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	60.96	6.23
		For Work In Restricted Working Space, Add	*3.74*	

22 07 19 00-0499 Flexible Polyolefin Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-0500 3/8" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0499)*

22 07 19 00-0501	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.27	2.87
		For Work In Restricted Working Space, Add	*1.73*	
22 07 19 00-0502	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.35	2.87
		For Work In Restricted Working Space, Add	*1.73*	
22 07 19 00-0503	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.58	2.97
		For Work In Restricted Working Space, Add	*1.79*	
22 07 19 00-0504	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.87	3.08
		For Work In Restricted Working Space, Add	*1.85*	
22 07 19 00-0505	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.06	3.14
		For Work In Restricted Working Space, Add	*1.88*	
22 07 19 00-0506	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.40	3.18
		For Work In Restricted Working Space, Add	*1.91*	
22 07 19 00-0507	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.65	3.18
		For Work In Restricted Working Space, Add	*1.91*	
22 07 19 00-0508	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.84	3.28
		For Work In Restricted Working Space, Add	*1.92*	
22 07 19 00-0509	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.67	3.28
		For Work In Restricted Working Space, Add	*1.98*	
22 07 19 00-0510	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.43	3.34
		For Work In Restricted Working Space, Add	*2.01*	
22 07 19 00-0511	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.35	3.43
		For Work In Restricted Working Space, Add	*2.06*	

22 07 19 00-0512 1/2" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0499)*

22 07 19 00-0513	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.03	3.14
		For Work In Restricted Working Space, Add	*1.88*	
22 07 19 00-0514	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.11	3.14
		For Work In Restricted Working Space, Add	*1.89*	
22 07 19 00-0515	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.26	3.18
		For Work In Restricted Working Space, Add	*1.91*	
22 07 19 00-0516	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.46	3.18
		For Work In Restricted Working Space, Add	*1.92*	
22 07 19 00-0517	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.71	3.28
		For Work In Restricted Working Space, Add	*1.97*	
22 07 19 00-0518	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.08	3.34
		For Work In Restricted Working Space, Add	*2.00*	
22 07 19 00-0519	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.50	3.38
		For Work In Restricted Working Space, Add	*2.03*	
22 07 19 00-0520	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.89	3.43
		For Work In Restricted Working Space, Add	*2.06*	
22 07 19 00-0521	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.78	3.54
		For Work In Restricted Working Space, Add	*2.12*	
22 07 19 00-0522	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.58	3.58
		For Work In Restricted Working Space, Add	*2.15*	
22 07 19 00-0523	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.09	3.68
		For Work In Restricted Working Space, Add	*2.21*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0524		3/4" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0499)*		
22 07 19 00-0525	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.94	3.38
		For Work In Restricted Working Space, Add	*2.03*	
22 07 19 00-0526	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.22	3.43
		For Work In Restricted Working Space, Add	*2.06*	
22 07 19 00-0527	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.56	3.54
		For Work In Restricted Working Space, Add	*2.12*	
22 07 19 00-0528	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.10	3.58
		For Work In Restricted Working Space, Add	*2.15*	
22 07 19 00-0529	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.60	3.68
		For Work In Restricted Working Space, Add	*2.21*	
22 07 19 00-0530	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.47	3.74
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0531	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.05	3.74
		For Work In Restricted Working Space, Add	*2.25*	
22 07 19 00-0532	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.71	3.78
		For Work In Restricted Working Space, Add	*2.27*	
22 07 19 00-0533	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.97	3.88
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0534	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	14.12	3.94
		For Work In Restricted Working Space, Add	*2.36*	
22 07 19 00-0535	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	16.33	4.03
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0536		1" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0499)*		
22 07 19 00-0537	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.51	3.74
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0538	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.66	3.78
		For Work In Restricted Working Space, Add	*2.27*	
22 07 19 00-0539	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.00	3.88
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0540	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.78	3.94
		For Work In Restricted Working Space, Add	*2.36*	
22 07 19 00-0541	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.43	4.03
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0542	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.09	4.14
		For Work In Restricted Working Space, Add	*2.48*	
22 07 19 00-0543	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.74	4.14
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0544	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	14.20	4.23
		For Work In Restricted Working Space, Add	*2.54*	
22 07 19 00-0545	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	16.15	4.35
		For Work In Restricted Working Space, Add	*2.60*	
22 07 19 00-0546	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	17.55	4.39
		For Work In Restricted Working Space, Add	*2.63*	
22 07 19 00-0547		Flexible Elastomeric Unicellular Insulation *(22 07 19)*		
		Note: For refrigeration piping. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.		
22 07 19 00-0548		3/8" Wall Flexible Elastomeric Unicellular Insulation *(22 07 19 00-0547)*		
22 07 19 00-0549	LF	3/8" I.D. (1/2" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	7.34	2.87
		For Work In Restricted Working Space, Add	*1.73*	
22 07 19 00-0550	LF	1/2" I.D. (5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	7.79	2.97
		For Work In Restricted Working Space, Add	*1.79*	
22 07 19 00-0551	LF	3/4" I.D. (7/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	8.19	3.09
		For Work In Restricted Working Space, Add	*1.85*	
22 07 19 00-0552	LF	1" I.D. (1-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	8.56	3.14
		For Work In Restricted Working Space, Add	*1.88*	
22 07 19 00-0553	LF	1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	8.97	3.18
		For Work In Restricted Working Space, Add	*1.91*	
22 07 19 00-0554	LF	1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	9.62	3.20
		For Work In Restricted Working Space, Add	*1.91*	
22 07 19 00-0555	LF	2" I.D. (2-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	10.42	3.29
		For Work In Restricted Working Space, Add	*1.97*	
22 07 19 00-0556	LF	2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	12.43	3.31
		For Work In Restricted Working Space, Add	*1.98*	
22 07 19 00-0557	LF	3" I.D. (3-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	13.86	3.35
		For Work In Restricted Working Space, Add	*2.01*	
22 07 19 00-0558		1/2" Wall Flexible Elastomeric Unicellular Insulation *(22 07 19 00-0547)*		
22 07 19 00-0559	LF	3/8" I.D. (1/2" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	8.57	3.09
		For Work In Restricted Working Space, Add	*1.85*	
22 07 19 00-0560	LF	1/2" I.D. (5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	9.01	3.18
		For Work In Restricted Working Space, Add	*1.91*	
22 07 19 00-0561	LF	3/4" I.D. (7/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	9.35	3.18
		For Work In Restricted Working Space, Add	*1.92*	
22 07 19 00-0562	LF	1" I.D. (1-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	9.87	3.28
		For Work In Restricted Working Space, Add	*1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0563	LF	1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	10.29	3.34
		For Work In Restricted Working Space, Add	*2.00*	
22 07 19 00-0564	LF	1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	10.95	3.38
		For Work In Restricted Working Space, Add	*2.03*	
22 07 19 00-0565	LF	2" I.D. (2-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	12.20	3.43
		For Work In Restricted Working Space, Add	*2.06*	
22 07 19 00-0566	LF	2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	14.27	3.54
		For Work In Restricted Working Space, Add	*2.12*	
22 07 19 00-0567	LF	3" I.D. (3-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	15.64	3.58
		For Work In Restricted Working Space, Add	*2.15*	
22 07 19 00-0568	LF	3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	18.43	3.63
		For Work In Restricted Working Space, Add	*2.18*	
22 07 19 00-0569	LF	4" I.D. (4-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	19.73	3.68
		For Work In Restricted Working Space, Add	*2.21*	
22 07 19 00-0570		3/4" Wall Flexible Elastomeric Unicellular Insulation *(22 07 19 00-0547)*		
22 07 19 00-0571	LF	3/8" I.D. (1/2" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	10.42	3.36
		For Work In Restricted Working Space, Add	*2.02*	
22 07 19 00-0572	LF	1/2" I.D. (5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	11.08	3.54
		For Work In Restricted Working Space, Add	*2.12*	
22 07 19 00-0573	LF	3/4" I.D. (7/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	11.98	3.58
		For Work In Restricted Working Space, Add	*2.15*	
22 07 19 00-0574	LF	1" I.D. (1-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	13.24	3.69
		For Work In Restricted Working Space, Add	*2.21*	
22 07 19 00-0575	LF	1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	14.17	3.74
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0576	LF	1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	16.48	3.78
		For Work In Restricted Working Space, Add	*2.27*	
22 07 19 00-0577	LF	2" I.D. (2-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	18.45	3.81
		For Work In Restricted Working Space, Add	*2.29*	
22 07 19 00-0578	LF	2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	21.45	3.89
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0579	LF	3" I.D. (3-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	23.51	3.94
		For Work In Restricted Working Space, Add	*2.36*	
22 07 19 00-0580	LF	3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	26.95	3.98
		For Work In Restricted Working Space, Add	*2.39*	
22 07 19 00-0581	LF	4" I.D. (4-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	28.50	4.03
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0582		1" Wall Flexible Elastomeric Unicellular Insulation *(22 07 19 00-0547)*		
22 07 19 00-0583	LF	3/8" I.D. (1/2" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	14.22	3.74
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0584	LF	1/2" I.D. (5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	14.96	3.89
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0585	LF	3/4" I.D. (7/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	16.74	3.94
		For Work In Restricted Working Space, Add	*2.36*	
22 07 19 00-0586	LF	1" I.D. (1-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	18.85	4.03
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-0587	LF	1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	20.77	4.14
		For Work In Restricted Working Space, Add	*2.48*	
22 07 19 00-0588	LF	1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	22.22	4.18
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0589	LF	2" I.D. (2-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	25.14	4.23
		For Work In Restricted Working Space, Add	*2.54*	
22 07 19 00-0590	LF	2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	32.20	4.35
		For Work In Restricted Working Space, Add	*2.60*	
22 07 19 00-0591	LF	3" I.D. (3-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	37.30	4.39
		For Work In Restricted Working Space, Add	*2.63*	
22 07 19 00-0592	LF	3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	40.03	4.44
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-0593	LF	4" I.D. (4-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	45.67	4.55
		For Work In Restricted Working Space, Add	*2.72*	
22 07 19 00-0594		Insulation Protective Jacketing *(22 07 19)*		
		Note: Jacketing only and to be added to insulation prices when required.		
22 07 19 00-0595		Aluminum Insulation Protective Jacketing With Bands *(22 07 19 00-0594)*		
22 07 19 00-0596		Aluminum Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0595)*		
22 07 19 00-0597	SF	0.006" Aluminum Insulation Jacket With Bands	14.69	6.15
22 07 19 00-0598	SF	0.010" Aluminum Insulation Jacket With Bands	15.02	6.15
22 07 19 00-0599	SF	0.016" Aluminum Insulation Jacket With Bands	15.33	6.15
22 07 19 00-0600	SF	0.020" Aluminum Insulation Jacket With Bands	15.62	6.15
22 07 19 00-0601	SF	0.024" Aluminum Insulation Jacket With Bands	15.89	6.15
22 07 19 00-0602		16 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0595)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0603	LF	1/2" ID, 0.016" Aluminum Insulation Jacketing	7.41	1.74
		For Stucco Embossed, Add	*0.00*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0604	LF	3/4" ID, 0.016" Aluminum Insulation Jacketing	7.69	1.78
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0605	LF	1" ID, 0.016" Aluminum Insulation Jacketing	7.98	1.83
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0606	LF	1-1/4" ID, 0.016" Aluminum Insulation Jacketing	8.28	1.88
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0607	LF	1-1/2" ID, 0.016" Aluminum Insulation Jacketing	8.52	1.91
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0608	LF	1-3/4" ID, 0.016" Aluminum Insulation Jacketing	8.76	1.93
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0609	LF	2" ID, 0.016" Aluminum Insulation Jacketing	9.04	1.97
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0610	LF	2-1/4" ID, 0.016" Aluminum Insulation Jacketing	9.33	2.02
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0611	LF	2-1/2" ID, 0.016" Aluminum Insulation Jacketing	9.64	2.06
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0612	LF	2-3/4" ID, 0.016" Aluminum Insulation Jacketing	9.90	2.09
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0613	LF	3" ID, 0.016" Aluminum Insulation Jacketing	10.23	2.14
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0614	LF	3-1/4" ID, 0.016" Aluminum Insulation Jacketing	10.54	2.18
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0615	LF	3-1/2" ID, 0.016" Aluminum Insulation Jacketing	10.86	2.24
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0616	LF	3-3/4" ID, 0.016" Aluminum Insulation Jacketing	11.16	2.27
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0617	LF	4" ID, 0.016" Aluminum Insulation Jacketing	11.50	2.33
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0618	LF	4-1/4" ID, 0.016" Aluminum Insulation Jacketing	11.85	2.39
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0619	LF	4-1/2" ID, 0.016" Aluminum Insulation Jacketing	12.23	2.45
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0620	LF	4-3/4" ID, 0.016" Aluminum Insulation Jacketing	12.55	2.49
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0621	LF	5" ID, 0.016" Aluminum Insulation Jacketing	12.93	2.56
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0622	LF	5-1/4" ID, 0.016" Aluminum Insulation Jacketing	13.34	2.63
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0623	LF	5-1/2" ID, 0.016" Aluminum Insulation Jacketing	13.69	2.68
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0624	LF	5-3/4" ID, 0.016" Aluminum Insulation Jacketing	14.13	2.76
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0625	LF	6" ID, 0.016" Aluminum Insulation Jacketing	14.58	2.84
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0626	LF	6-1/4" ID, 0.016" Aluminum Insulation Jacketing	14.88	2.88
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0627	LF	6-1/2" ID, 0.016" Aluminum Insulation Jacketing	15.18	2.93
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0628	LF	7" ID, 0.016" Aluminum Insulation Jacketing	15.69	3.00
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0629	LF	7-1/4" ID, 0.016" Aluminum Insulation Jacketing	16.09	3.08
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0630	LF	7-1/2" ID, 0.016" Aluminum Insulation Jacketing	16.42	3.13
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0631	LF	8" ID, 0.016" Aluminum Insulation Jacketing	16.89	3.18
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0632	LF	8-1/2" ID, 0.016" Aluminum Insulation Jacketing	17.34	3.23
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0633	LF	9" ID, 0.016" Aluminum Insulation Jacketing	17.92	3.31
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0634	LF	9-1/2" ID, 0.016" Aluminum Insulation Jacketing	18.41	3.37
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0635	LF	10" ID, 0.016" Aluminum Insulation Jacketing	18.90	3.43
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0636	LF	10-1/2" ID, 0.016" Aluminum Insulation Jacketing	19.41	3.49
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0637	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	20.03	3.59
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0638	LF	11-1/2" ID, 0.016" Aluminum Insulation Jacketing	20.58	3.66
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0639	LF	12" ID, 0.016" Aluminum Insulation Jacketing	21.11	3.73
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0640	LF	12-1/2" ID, 0.016" Aluminum Insulation Jacketing	21.80	3.84
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0641	LF	13" ID, 0.016" Aluminum Insulation Jacketing	22.21	3.88
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0642	LF	14" ID, 0.016" Aluminum Insulation Jacketing	22.87	3.92
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0643	LF	15" ID, 0.016" Aluminum Insulation Jacketing	23.70	4.00
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0644	LF	16" ID, 0.016" Aluminum Insulation Jacketing	24.37	4.04
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0645	LF	17" ID, 0.016" Aluminum Insulation Jacketing	25.22	4.13
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0646	LF	18" ID, 0.016" Aluminum Insulation Jacketing	25.74	4.17
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0647	LF	19" ID, 0.016" Aluminum Insulation Jacketing	26.77	4.27
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0648	LF	20" ID, 0.016" Aluminum Insulation Jacketing	27.48	4.32
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0649	LF	21" ID, 0.016" Aluminum Insulation Jacketing	28.37	4.42
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0650	LF	22" ID, 0.016" Aluminum Insulation Jacketing	29.07	4.47
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0651	LF	23" ID, 0.016" Aluminum Insulation Jacketing	30.00	4.58
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0652	LF	24" ID, 0.016" Aluminum Insulation Jacketing	30.71	4.63
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	

22 07 19 00-0653 20 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0595)*

22 07 19 00-0654	LF	1/2" ID, 0.020" Aluminum Insulation Jacketing	8.21	1.93
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0655	LF	3/4" ID, 0.020" Aluminum Insulation Jacketing	8.55	1.97
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0656	LF	1" ID, 0.020" Aluminum Insulation Jacketing	8.89	2.02
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0657	LF	1-1/4" ID, 0.020" Aluminum Insulation Jacketing	9.25	2.06
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0658	LF	1-1/2" ID, 0.020" Aluminum Insulation Jacketing	9.53	2.10
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0659	LF	1-3/4" ID, 0.020" Aluminum Insulation Jacketing	9.81	2.13
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0660	LF	2" ID, 0.020" Aluminum Insulation Jacketing	10.14	2.17
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0661	LF	2-1/4" ID, 0.020" Aluminum Insulation Jacketing	10.48	2.21
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0662	LF	2-1/2" ID, 0.020" Aluminum Insulation Jacketing	10.85	2.26
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0663	LF	2-3/4" ID, 0.020" Aluminum Insulation Jacketing	11.15	2.30
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0664	LF	3" ID, 0.020" Aluminum Insulation Jacketing	11.53	2.35
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0665	LF	3-1/4" ID, 0.020" Aluminum Insulation Jacketing	11.91	2.40
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0666	LF	3-1/2" ID, 0.020" Aluminum Insulation Jacketing	12.28	2.46
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0667	LF	3-3/4" ID, 0.020" Aluminum Insulation Jacketing	12.61	2.50
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0668	LF	4" ID, 0.020" Aluminum Insulation Jacketing	13.01	2.56
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0669	LF	4-1/4" ID, 0.020" Aluminum Insulation Jacketing	13.43	2.62
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0670	LF	4-1/2" ID, 0.020" Aluminum Insulation Jacketing	13.87	2.69
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0671	LF	4-3/4" ID, 0.020" Aluminum Insulation Jacketing	14.24	2.74
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0672	LF	5" ID, 0.020" Aluminum Insulation Jacketing	14.69	2.81
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0673	LF	5-1/4" ID, 0.020" Aluminum Insulation Jacketing	15.15	2.89
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0674	LF	5-1/2" ID, 0.020" Aluminum Insulation Jacketing	15.55	2.95
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0675	LF	5-3/4" ID, 0.020" Aluminum Insulation Jacketing	16.07	3.05
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0676	LF	6" ID, 0.020" Aluminum Insulation Jacketing	16.59	3.13
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0677	LF	6-1/4" ID, 0.020" Aluminum Insulation Jacketing	16.93	3.18
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0678	LF	6-1/2" ID, 0.020" Aluminum Insulation Jacketing	17.29	3.23
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0679	LF	7" ID, 0.020" Aluminum Insulation Jacketing	17.88	3.30
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0680	LF	7-1/4" ID, 0.020" Aluminum Insulation Jacketing	18.35	3.38
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0681	LF	7-1/2" ID, 0.020" Aluminum Insulation Jacketing	18.73	3.44
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0682	LF	8" ID, 0.020" Aluminum Insulation Jacketing	19.29	3.50
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0683	LF	8-1/2" ID, 0.020" Aluminum Insulation Jacketing	19.83	3.55
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0684	LF	9" ID, 0.020" Aluminum Insulation Jacketing	20.50	3.64
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0685	LF	9-1/2" ID, 0.020" Aluminum Insulation Jacketing	21.09	3.71
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0686	LF	10" ID, 0.020" Aluminum Insulation Jacketing	21.67	3.77
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0687	LF	10-1/2" ID, 0.020" Aluminum Insulation Jacketing	22.26	3.84
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0688	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	23.01	3.95
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0689	LF	11-1/2" ID, 0.020" Aluminum Insulation Jacketing	23.64	4.02
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0690	LF	12" ID, 0.020" Aluminum Insulation Jacketing	24.28	4.10
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0691	LF	12-1/2" ID, 0.020" Aluminum Insulation Jacketing	25.08	4.22
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0692	LF	13" ID, 0.020" Aluminum Insulation Jacketing	25.55	4.27
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0693	LF	14" ID, 0.020" Aluminum Insulation Jacketing	26.38	4.32
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0694	LF	15" ID, 0.020" Aluminum Insulation Jacketing	27.37	4.41
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0695	LF	16" ID, 0.020" Aluminum Insulation Jacketing	28.21	4.45
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0696	LF	17" ID, 0.020" Aluminum Insulation Jacketing	29.22	4.55
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0697	LF	18" ID, 0.020" Aluminum Insulation Jacketing	29.84	4.60
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0698	LF	19" ID, 0.020" Aluminum Insulation Jacketing	31.09	4.70
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0699	LF	20" ID, 0.020" Aluminum Insulation Jacketing	31.96	4.75
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0700	LF	21" ID, 0.020" Aluminum Insulation Jacketing	33.02	4.86
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.34*	
22 07 19 00-0701	LF	22" ID, 0.020" Aluminum Insulation Jacketing	33.87	4.91
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0702	LF	23" ID, 0.020" Aluminum Insulation Jacketing	35.00	5.03
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.37*	
22 07 19 00-0703	LF	24" ID, 0.020" Aluminum Insulation Jacketing	35.86	5.09
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.39*	

22 07 19 00-0704 24 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0595)*

22 07 19 00-0705	LF	1/2" ID, 0.024" Aluminum Insulation Jacketing	9.01	2.10
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0706	LF	3/4" ID, 0.024" Aluminum Insulation Jacketing	9.40	2.15
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0707	LF	1" ID, 0.024" Aluminum Insulation Jacketing	9.79	2.20
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0708	LF	1-1/4" ID, 0.024" Aluminum Insulation Jacketing	10.19	2.25
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0709	LF	1-1/2" ID, 0.024" Aluminum Insulation Jacketing	10.52	2.28
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0710	LF	1-3/4" ID, 0.024" Aluminum Insulation Jacketing	10.84	2.32
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0711	LF	2" ID, 0.024" Aluminum Insulation Jacketing	11.22	2.36
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0712	LF	2-1/4" ID, 0.024" Aluminum Insulation Jacketing	11.61	2.41
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0713	LF	2-1/2" ID, 0.024" Aluminum Insulation Jacketing	12.02	2.46
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0714	LF	2-3/4" ID, 0.024" Aluminum Insulation Jacketing	12.37	2.50
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0715	LF	3" ID, 0.024" Aluminum Insulation Jacketing	12.80	2.56
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0716	LF	3-1/4" ID, 0.024" Aluminum Insulation Jacketing	13.23	2.62
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0717	LF	3-1/2" ID, 0.024" Aluminum Insulation Jacketing	13.66	2.68
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0718	LF	3-3/4" ID, 0.024" Aluminum Insulation Jacketing	14.04	2.73
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0719	LF	4" ID, 0.024" Aluminum Insulation Jacketing	14.48	2.79
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0720	LF	4-1/4" ID, 0.024" Aluminum Insulation Jacketing	14.95	2.86
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0721	LF	4-1/2" ID, 0.024" Aluminum Insulation Jacketing	15.46	2.93
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0722	LF	4-3/4" ID, 0.024" Aluminum Insulation Jacketing	15.88	2.99
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0723	LF	5" ID, 0.024" Aluminum Insulation Jacketing	16.38	3.08
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0724	LF	5-1/4" ID, 0.024" Aluminum Insulation Jacketing	16.91	3.16
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0725	LF	5-1/2" ID, 0.024" Aluminum Insulation Jacketing	17.37	3.23
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0726	LF	5-3/4" ID, 0.024" Aluminum Insulation Jacketing	17.95	3.32
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0727	LF	6" ID, 0.024" Aluminum Insulation Jacketing	18.53	3.42
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0728	LF	6-1/4" ID, 0.024" Aluminum Insulation Jacketing	18.91	3.47
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0729	LF	6-1/2" ID, 0.024" Aluminum Insulation Jacketing	19.32	3.52
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0730	LF	7" ID, 0.024" Aluminum Insulation Jacketing	20.00	3.60
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0731	LF	7-1/4" ID, 0.024" Aluminum Insulation Jacketing	20.53	3.69
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0732	LF	7-1/2" ID, 0.024" Aluminum Insulation Jacketing	20.96	3.75
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0733	LF	8" ID, 0.024" Aluminum Insulation Jacketing	21.61	3.81
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0734	LF	8-1/2" ID, 0.024" Aluminum Insulation Jacketing	22.22	3.87
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0735	LF	9" ID, 0.024" Aluminum Insulation Jacketing	23.00	3.97
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0736	LF	9-1/2" ID, 0.024" Aluminum Insulation Jacketing	23.67	4.04
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0737	LF	10" ID, 0.024" Aluminum Insulation Jacketing	24.34	4.11
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0738	LF	10-1/2" ID, 0.024" Aluminum Insulation Jacketing	25.02	4.19
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0739	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	25.86	4.31
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0740	LF	11-1/2" ID, 0.024" Aluminum Insulation Jacketing	26.59	4.39
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0741	LF	12" ID, 0.024" Aluminum Insulation Jacketing	27.31	4.48
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0742	LF	12-1/2" ID, 0.024" Aluminum Insulation Jacketing	28.22	4.61
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0743	LF	13" ID, 0.024" Aluminum Insulation Jacketing	28.77	4.66
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0744	LF	14" ID, 0.024" Aluminum Insulation Jacketing	29.75	4.71
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0745	LF	15" ID, 0.024" Aluminum Insulation Jacketing	30.89	4.80
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0746	LF	16" ID, 0.024" Aluminum Insulation Jacketing	31.87	4.85
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0747	LF	17" ID, 0.024" Aluminum Insulation Jacketing	33.04	4.96
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0748	LF	18" ID, 0.024" Aluminum Insulation Jacketing	33.78	5.01
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.34*	
22 07 19 00-0749	LF	19" ID, 0.024" Aluminum Insulation Jacketing	35.23	5.12
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.37*	
22 07 19 00-0750	LF	20" ID, 0.024" Aluminum Insulation Jacketing	36.23	5.18
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.39*	
22 07 19 00-0751	LF	21" ID, 0.024" Aluminum Insulation Jacketing	37.45	5.30
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.41*	
22 07 19 00-0752	LF	22" ID, 0.024" Aluminum Insulation Jacketing	38.47	5.36
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.43*	
22 07 19 00-0753	LF	23" ID, 0.024" Aluminum Insulation Jacketing	39.74	5.49
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.44*	
22 07 19 00-0754	LF	24" ID, 0.024" Aluminum Insulation Jacketing	40.76	5.56
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.46*	

22 07 19 00-0755 32 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0595)*

22 07 19 00-0756	LF	1/2" ID, 0.032" Aluminum Insulation Jacketing	10.14	2.32
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0757	LF	3/4" ID, 0.032" Aluminum Insulation Jacketing	10.61	2.38
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0758	LF	1" ID, 0.032" Aluminum Insulation Jacketing	11.09	2.43
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0759	LF	1-1/4" ID, 0.032" Aluminum Insulation Jacketing	11.58	2.49
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0760	LF	1-1/2" ID, 0.032" Aluminum Insulation Jacketing	11.98	2.53
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0761	LF	1-3/4" ID, 0.032" Aluminum Insulation Jacketing	12.38	2.57
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0762	LF	2" ID, 0.032" Aluminum Insulation Jacketing	12.86	2.62
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0763	LF	2-1/4" ID, 0.032" Aluminum Insulation Jacketing	13.32	2.67
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0764	LF	2-1/2" ID, 0.032" Aluminum Insulation Jacketing	13.83	2.73
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0765	LF	2-3/4" ID, 0.032" Aluminum Insulation Jacketing	14.26	2.77
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0766	LF	3" ID, 0.032" Aluminum Insulation Jacketing	14.79	2.84
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0767	LF	3-1/4" ID, 0.032" Aluminum Insulation Jacketing	15.31	2.90
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0768	LF	3-1/2" ID, 0.032" Aluminum Insulation Jacketing	15.82	2.97
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0769	LF	3-3/4" ID, 0.032" Aluminum Insulation Jacketing	16.29	3.02
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0770	LF	4" ID, 0.032" Aluminum Insulation Jacketing	16.84	3.10
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0771	LF	4-1/4" ID, 0.032" Aluminum Insulation Jacketing	17.39	3.18
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0772	LF	4-1/2" ID, 0.032" Aluminum Insulation Jacketing	18.00	3.26
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0773	LF	4-3/4" ID, 0.032" Aluminum Insulation Jacketing	18.51	3.32
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0774	LF	5" ID, 0.032" Aluminum Insulation Jacketing	19.11	3.41
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0775	LF	5-1/4" ID, 0.032" Aluminum Insulation Jacketing	19.74	3.50
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0776	LF	5-1/2" ID, 0.032" Aluminum Insulation Jacketing	20.29	3.57
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0777	LF	5-3/4" ID, 0.032" Aluminum Insulation Jacketing	20.98	3.68
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0778	LF	6" ID, 0.032" Aluminum Insulation Jacketing	21.67	3.78
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0779	LF	6-1/4" ID, 0.032" Aluminum Insulation Jacketing	22.15	3.84
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0780	LF	6-1/2" ID, 0.032" Aluminum Insulation Jacketing	22.63	3.90
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0781	LF	7" ID, 0.032" Aluminum Insulation Jacketing	23.48	3.99
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0782	LF	7-1/4" ID, 0.032" Aluminum Insulation Jacketing	24.11	4.08
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0783	LF	7-1/2" ID, 0.032" Aluminum Insulation Jacketing	24.63	4.15
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0784	LF	8" ID, 0.032" Aluminum Insulation Jacketing	25.42	4.22
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0785	LF	8-1/2" ID, 0.032" Aluminum Insulation Jacketing	26.19	4.30
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0786	LF	9" ID, 0.032" Aluminum Insulation Jacketing	27.15	4.41
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0787	LF	9-1/2" ID, 0.032" Aluminum Insulation Jacketing	27.99	4.49
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0788	LF	10" ID, 0.032" Aluminum Insulation Jacketing	28.82	4.56
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0789	LF	10-1/2" ID, 0.032" Aluminum Insulation Jacketing	29.65	4.65
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0790	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	30.68	4.78
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0791	LF	11-1/2" ID, 0.032" Aluminum Insulation Jacketing	31.58	4.87
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0792	LF	12" ID, 0.032" Aluminum Insulation Jacketing	32.46	4.96
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0793	LF	12-1/2" ID, 0.032" Aluminum Insulation Jacketing	33.56	5.11
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0794	LF	13" ID, 0.032" Aluminum Insulation Jacketing	34.28	5.16
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.34*	
22 07 19 00-0795	LF	14" ID, 0.032" Aluminum Insulation Jacketing	35.52	5.21
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.37*	
22 07 19 00-0796	LF	15" ID, 0.032" Aluminum Insulation Jacketing	36.98	5.32
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.39*	
22 07 19 00-0797	LF	16" ID, 0.032" Aluminum Insulation Jacketing	38.24	5.37
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.42*	
22 07 19 00-0798	LF	17" ID, 0.032" Aluminum Insulation Jacketing	39.71	5.50
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0799	LF	18" ID, 0.032" Aluminum Insulation Jacketing	40.63	5.56
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.46*	
22 07 19 00-0800	LF	19" ID, 0.032" Aluminum Insulation Jacketing	42.49	5.68
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.49*	
22 07 19 00-0801	LF	20" ID, 0.032" Aluminum Insulation Jacketing	43.79	5.74
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.52*	
22 07 19 00-0802	LF	21" ID, 0.032" Aluminum Insulation Jacketing	45.32	5.87
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.55*	
22 07 19 00-0803	LF	22" ID, 0.032" Aluminum Insulation Jacketing	46.61	5.94
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.57*	
22 07 19 00-0804	LF	23" ID, 0.032" Aluminum Insulation Jacketing	48.21	6.08
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.60*	
22 07 19 00-0805	LF	24" ID, 0.032" Aluminum Insulation Jacketing	49.51	6.16
		For Stucco Embossed, Add	*0.25*	
		For Corrugated, Add	*0.62*	

22 07 19 00-0806 40 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0595)*

22 07 19 00-0807	LF	1/2" ID, 0.040" Aluminum Insulation Jacketing	11.76	2.67
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0808	LF	3/4" ID, 0.040" Aluminum Insulation Jacketing	12.33	2.73
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0809	LF	1" ID, 0.040" Aluminum Insulation Jacketing	12.89	2.80
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0810	LF	1-1/4" ID, 0.040" Aluminum Insulation Jacketing	13.49	2.86
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0811	LF	1-1/2" ID, 0.040" Aluminum Insulation Jacketing	13.98	2.91
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0812	LF	1-3/4" ID, 0.040" Aluminum Insulation Jacketing	14.47	2.95
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0813	LF	2" ID, 0.040" Aluminum Insulation Jacketing	15.03	3.01
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0814	LF	2-1/4" ID, 0.040" Aluminum Insulation Jacketing	15.60	3.08
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0815	LF	2-1/2" ID, 0.040" Aluminum Insulation Jacketing	16.21	3.15
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0816	LF	2-3/4" ID, 0.040" Aluminum Insulation Jacketing	16.74	3.20
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0817	LF	3" ID, 0.040" Aluminum Insulation Jacketing	17.38	3.27
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0818	LF	3-1/4" ID, 0.040" Aluminum Insulation Jacketing	17.99	3.34
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0819	LF	3-1/2" ID, 0.040" Aluminum Insulation Jacketing	18.62	3.42
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0820	LF	3-3/4" ID, 0.040" Aluminum Insulation Jacketing	19.17	3.48
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0821	LF	4" ID, 0.040" Aluminum Insulation Jacketing	19.83	3.56
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0822	LF	4-1/4" ID, 0.040" Aluminum Insulation Jacketing	20.50	3.65
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0823	LF	4-1/2" ID, 0.040" Aluminum Insulation Jacketing	21.22	3.74
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0824	LF	4-3/4" ID, 0.040" Aluminum Insulation Jacketing	21.84	3.82
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0825	LF	5" ID, 0.040" Aluminum Insulation Jacketing	22.57	3.92
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0826	LF	5-1/4" ID, 0.040" Aluminum Insulation Jacketing	23.30	4.02
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0827	LF	5-1/2" ID, 0.040" Aluminum Insulation Jacketing	23.97	4.11
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0828	LF	5-3/4" ID, 0.040" Aluminum Insulation Jacketing	24.80	4.22
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0829	LF	6" ID, 0.040" Aluminum Insulation Jacketing	25.60	4.36
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0830	LF	6-1/4" ID, 0.040" Aluminum Insulation Jacketing	26.19	4.42
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0831	LF	6-1/2" ID, 0.040" Aluminum Insulation Jacketing	26.78	4.49
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0832	LF	7" ID, 0.040" Aluminum Insulation Jacketing	27.79	4.59
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0833	LF	7-1/4" ID, 0.040" Aluminum Insulation Jacketing	28.56	4.70
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0834	LF	7-1/2" ID, 0.040" Aluminum Insulation Jacketing	29.17	4.78
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0835	LF	8" ID, 0.040" Aluminum Insulation Jacketing	30.14	4.86
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0836	LF	8-1/2" ID, 0.040" Aluminum Insulation Jacketing	31.08	4.94
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0837	LF	9" ID, 0.040" Aluminum Insulation Jacketing	32.22	5.07
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0838	LF	9-1/2" ID, 0.040" Aluminum Insulation Jacketing	33.26	5.15
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0839	LF	10" ID, 0.040" Aluminum Insulation Jacketing	34.25	5.25
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0840	LF	10-1/2" ID, 0.040" Aluminum Insulation Jacketing	35.27	5.34
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0841	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	36.50	5.50
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0842	LF	11-1/2" ID, 0.040" Aluminum Insulation Jacketing	37.59	5.60
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0843	LF	12" ID, 0.040" Aluminum Insulation Jacketing	38.66	5.71
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.40*	
22 07 19 00-0844	LF	12-1/2" ID, 0.040" Aluminum Insulation Jacketing	39.98	5.88
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.41*	
22 07 19 00-0845	LF	13" ID, 0.040" Aluminum Insulation Jacketing	40.85	5.94
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.43*	
22 07 19 00-0846	LF	14" ID, 0.040" Aluminum Insulation Jacketing	42.41	6.00
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.46*	
22 07 19 00-0847	LF	15" ID, 0.040" Aluminum Insulation Jacketing	44.16	6.12
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.49*	
22 07 19 00-0848	LF	16" ID, 0.040" Aluminum Insulation Jacketing	45.73	6.19
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.52*	
22 07 19 00-0849	LF	17" ID, 0.040" Aluminum Insulation Jacketing	47.53	6.32
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.56*	
22 07 19 00-0850	LF	18" ID, 0.040" Aluminum Insulation Jacketing	48.68	6.39
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.58*	
22 07 19 00-0851	LF	19" ID, 0.040" Aluminum Insulation Jacketing	50.95	6.53
		For Stucco Embossed, Add	*0.25*	
		For Corrugated, Add	*0.62*	
22 07 19 00-0852	LF	20" ID, 0.040" Aluminum Insulation Jacketing	52.55	6.60
		For Stucco Embossed, Add	*0.26*	
		For Corrugated, Add	*0.65*	
22 07 19 00-0853	LF	21" ID, 0.040" Aluminum Insulation Jacketing	54.41	6.76
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.68*	
22 07 19 00-0854	LF	22" ID, 0.040" Aluminum Insulation Jacketing	56.01	6.84
		For Stucco Embossed, Add	*0.29*	
		For Corrugated, Add	*0.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0855	LF	23" ID, 0.040" Aluminum Insulation Jacketing	57.96	7.00
		For Stucco Embossed, Add	*0.30*	
		For Corrugated, Add	*0.75*	
22 07 19 00-0856	LF	24" ID, 0.040" Aluminum Insulation Jacketing	59.55	7.08
		For Stucco Embossed, Add	*0.31*	
		For Corrugated, Add	*0.78*	
22 07 19 00-0857		Aluminum Insulation Protective Jacketing For Fittings *(22 07 19 00-0595)*		
22 07 19 00-0858	EA	1-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	17.26	2.74
22 07 19 00-0859	EA	1-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	17.66	2.84
22 07 19 00-0860	EA	2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	19.72	2.95
22 07 19 00-0861	EA	2-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	19.91	3.00
22 07 19 00-0862	EA	2-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	20.10	3.05
22 07 19 00-0863	EA	2-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	20.39	3.13
22 07 19 00-0864	EA	3" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	21.38	3.21
22 07 19 00-0865	EA	3-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	21.71	3.29
22 07 19 00-0866	EA	3-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	23.49	3.34
22 07 19 00-0867	EA	3-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	23.99	3.40
22 07 19 00-0868	EA	4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	24.85	3.49
22 07 19 00-0869	EA	4-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	25.41	3.56
22 07 19 00-0870	EA	4-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	25.68	3.62
22 07 19 00-0871	EA	4-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	25.96	3.69
22 07 19 00-0872	EA	5" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	27.66	3.77
22 07 19 00-0873	EA	5-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	29.91	3.84
22 07 19 00-0874	EA	5-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	33.95	3.96
22 07 19 00-0875	EA	5-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	34.28	4.04
22 07 19 00-0876	EA	6" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	32.16	4.17
22 07 19 00-0877	EA	6-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	32.52	4.27
22 07 19 00-0878	EA	6-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	36.27	4.42
22 07 19 00-0879	EA	7" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	40.66	4.52
22 07 19 00-0880	EA	7-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	40.87	4.58
22 07 19 00-0881	EA	7-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	51.71	4.63
22 07 19 00-0882	EA	8" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	43.50	4.69
22 07 19 00-0883	EA	8-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	64.95	4.80
22 07 19 00-0884	EA	9" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	65.44	4.92
22 07 19 00-0885	EA	9-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	53.60	4.99
22 07 19 00-0886	EA	10" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	53.87	5.05
22 07 19 00-0887	EA	10-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	54.86	5.12
22 07 19 00-0888	EA	11" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	55.14	5.19
22 07 19 00-0889	EA	11-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	60.43	5.33
22 07 19 00-0890	EA	12" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	60.73	5.41
22 07 19 00-0891	EA	12-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	91.82	5.57
22 07 19 00-0892	EA	13" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	92.15	5.65
22 07 19 00-0893	EA	14" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	116.55	5.82
22 07 19 00-0894	EA	15" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	121.52	6.00
22 07 19 00-0895	EA	16" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	130.76	6.10
22 07 19 00-0896	EA	2-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	18.73	3.05
22 07 19 00-0897	EA	2-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	19.02	3.13
22 07 19 00-0898	EA	3" ID, Aluminum 45 Degree Elbow Insulation Jacketing	20.19	3.21
22 07 19 00-0899	EA	3-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	20.52	3.29
22 07 19 00-0900	EA	3-1/2" ID Aluminum 45 Degree Elbow Insulation Jacketing	21.77	3.34
22 07 19 00-0901	EA	3-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	22.01	3.40
22 07 19 00-0902	EA	4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	22.53	3.49
22 07 19 00-0903	EA	4-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	23.99	3.56
22 07 19 00-0904	EA	4-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	24.26	3.62
22 07 19 00-0905	EA	4-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	24.54	3.69
22 07 19 00-0906	EA	5" ID, Aluminum 45 Degree Elbow Insulation Jacketing	26.52	3.77
22 07 19 00-0907	EA	5-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	26.83	3.84
22 07 19 00-0908	EA	5-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	27.85	3.96
22 07 19 00-0909	EA	6" ID, Aluminum 45 Degree Elbow Insulation Jacketing	28.72	4.17
22 07 19 00-0910	EA	6-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	34.26	4.42
22 07 19 00-0911	EA	7" ID, Aluminum 45 Degree Elbow Insulation Jacketing	34.67	4.52
22 07 19 00-0912	EA	7-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	35.26	4.63
22 07 19 00-0913	EA	8" ID, Aluminum 45 Degree Elbow Insulation Jacketing	35.49	4.69
22 07 19 00-0914	EA	8-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	40.04	4.80
22 07 19 00-0915	EA	9" ID, Aluminum 45 Degree Elbow Insulation Jacketing	40.53	4.92
22 07 19 00-0916	EA	9-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	48.87	4.99
22 07 19 00-0917	EA	10" ID, Aluminum 45 Degree Elbow Insulation Jacketing	49.14	5.05
22 07 19 00-0918	EA	10-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	47.53	5.12
22 07 19 00-0919	EA	11" ID, Aluminum 45 Degree Elbow Insulation Jacketing	47.81	5.19
22 07 19 00-0920	EA	11-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	53.84	5.33
22 07 19 00-0921	EA	12" ID, Aluminum 45 Degree Elbow Insulation Jacketing	54.14	5.41
22 07 19 00-0922	EA	13" ID, Aluminum 45 Degree Elbow Insulation Jacketing	60.73	5.65
22 07 19 00-0923	EA	14" ID, Aluminum 45 Degree Elbow Insulation Jacketing	70.07	5.82
22 07 19 00-0924	EA	15" ID, Aluminum 45 Degree Elbow Insulation Jacketing	96.10	6.00
22 07 19 00-0925	EA	16" ID, Aluminum 45 Degree Elbow Insulation Jacketing	102.54	6.10
22 07 19 00-0926	EA	17" ID, Aluminum 45 Degree Elbow Insulation Jacketing	101.09	6.20
22 07 19 00-0927	EA	18" ID, Aluminum 45 Degree Elbow Insulation Jacketing	112.24	6.30
22 07 19 00-0928	EA	19" ID, Aluminum 45 Degree Elbow Insulation Jacketing	131.93	6.40
22 07 19 00-0929	EA	20" ID, Aluminum 45 Degree Elbow Insulation Jacketing	128.87	6.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0930	EA	21" ID, Aluminum 45 Degree Elbow Insulation Jacketing	137.51	6.62
22 07 19 00-0931	EA	2-1/2" ID, Aluminum Tee Insulation Jacketing	62.27	4.37
22 07 19 00-0932	EA	2-3/4" ID, Aluminum Tee Insulation Jacketing	62.68	4.47
22 07 19 00-0933	EA	3" ID, Aluminum Tee Insulation Jacketing	68.92	4.58
22 07 19 00-0934	EA	3-1/4" ID, Aluminum Tee Insulation Jacketing	69.37	4.69
22 07 19 00-0935	EA	3-1/2" ID Aluminum Tee Insulation Jacketing	72.26	4.80
22 07 19 00-0936	EA	4" ID, Aluminum Tee Insulation Jacketing	73.33	4.92
22 07 19 00-0937	EA	4-1/4" ID, Aluminum Tee Insulation Jacketing	76.94	5.05
22 07 19 00-0938	EA	4-1/2" ID, Aluminum Tee Insulation Jacketing	77.02	5.19
22 07 19 00-0939	EA	4-3/4" ID, Aluminum Tee Insulation Jacketing	77.60	5.33
22 07 19 00-0940	EA	5" ID, Aluminum Tee Insulation Jacketing	80.31	5.49
22 07 19 00-0941	EA	5-1/4" ID, Aluminum Tee Insulation Jacketing	80.96	5.65
22 07 19 00-0942	EA	5-1/2" ID, Aluminum Tee Insulation Jacketing	84.22	5.82
22 07 19 00-0943	EA	6" ID, Aluminum Tee Insulation Jacketing	84.95	6.00
22 07 19 00-0944	EA	6-1/2" ID, Aluminum Tee Insulation Jacketing	92.55	6.40
22 07 19 00-0945	EA	7" ID, Aluminum Tee Insulation Jacketing	93.44	6.62
22 07 19 00-0946	EA	7-1/2" ID, Aluminum Tee Insulation Jacketing	101.89	6.86
22 07 19 00-0947	EA	8" ID, Aluminum Tee Insulation Jacketing	102.89	7.12
22 07 19 00-0948	EA	8-1/2" ID, Aluminum Tee Insulation Jacketing	105.95	7.39
22 07 19 00-0949	EA	9" ID, Aluminum Tee Insulation Jacketing	107.13	7.68
22 07 19 00-0950	EA	9-1/2" ID, Aluminum Tee Insulation Jacketing	88.06	7.84
22 07 19 00-0951	EA	10" ID, Aluminum Tee Insulation Jacketing	88.71	8.01
22 07 19 00-0952	EA	10-1/2" ID, Aluminum Tee Insulation Jacketing	93.10	8.18
22 07 19 00-0953	EA	11" ID, Aluminum Tee Insulation Jacketing	93.81	8.35
22 07 19 00-0954	EA	11-1/2" ID, Aluminum Tee Insulation Jacketing	97.84	8.54
22 07 19 00-0955	EA	12" ID, Aluminum Tee Insulation Jacketing	98.62	8.73
22 07 19 00-0956	EA	13" ID, Aluminum Tee Insulation Jacketing	102.59	8.93
22 07 19 00-0957	EA	14" ID, Aluminum Tee Insulation Jacketing	106.73	9.15
22 07 19 00-0958	EA	15" ID, Aluminum Tee Insulation Jacketing	113.34	9.37
22 07 19 00-0959	EA	16" ID, Aluminum Tee Insulation Jacketing	116.18	9.61
22 07 19 00-0960	EA	17" ID, Aluminum Tee Insulation Jacketing	128.81	9.85
22 07 19 00-0961	EA	18" ID, Aluminum Tee Insulation Jacketing	133.33	10.11
22 07 19 00-0962	EA	19" ID, Aluminum Tee Insulation Jacketing	144.25	10.39
22 07 19 00-0963	EA	20" ID, Aluminum Tee Insulation Jacketing	147.65	10.67
22 07 19 00-0964	EA	22" ID, Aluminum Tee Insulation Jacketing	177.43	10.98
22 07 19 00-0965	EA	23" ID, Aluminum Tee Insulation Jacketing	182.43	11.30
22 07 19 00-0966	EA	24" ID, Aluminum Tee Insulation Jacketing	190.38	12.39
22 07 19 00-0967		Stainless Steel Insulation Protective Jacketing With Bands *(22 07 19 00-0594)*		
22 07 19 00-0968		Type 304 Stainless Steel Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0967)*		
22 07 19 00-0969	SF	0.010" Stainless Steel Insulation Jacket With Bands	18.04	7.20
22 07 19 00-0970	SF	0.016" Stainless Steel Insulation Jacket With Bands	22.15	8.64
22 07 19 00-0971		10 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0967)*		
22 07 19 00-0972	LF	2-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	10.11	1.53
22 07 19 00-0973	LF	2-3/4" ID, 0.010" Stainless Steel Insulation Jacketing	10.58	1.57
22 07 19 00-0974	LF	3" ID, 0.010" Stainless Steel Insulation Jacketing	11.06	1.60
22 07 19 00-0975	LF	3-1/4" ID, 0.010" Stainless Steel Insulation Jacketing	11.56	1.63
22 07 19 00-0976	LF	3-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	12.06	1.67
22 07 19 00-0977	LF	3-3/4" ID, 0.010" Stainless Steel Insulation Jacketing	12.55	1.70
22 07 19 00-0978	LF	4" ID, 0.010" Stainless Steel Insulation Jacketing	13.06	1.74
22 07 19 00-0979	LF	4-1/4" ID, 0.010" Stainless Steel Insulation Jacketing	13.57	1.78
22 07 19 00-0980	LF	4-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	14.09	1.83
22 07 19 00-0981	LF	5" ID, 0.010" Stainless Steel Insulation Jacketing	15.16	1.93
22 07 19 00-0982	LF	5-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	16.27	2.03
22 07 19 00-0983	LF	6" ID, 0.010" Stainless Steel Insulation Jacketing	17.42	2.14
22 07 19 00-0984	LF	6-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	18.36	2.20
22 07 19 00-0985	LF	7" ID, 0.010" Stainless Steel Insulation Jacketing	19.33	2.26
22 07 19 00-0986	LF	7-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	20.36	2.34
22 07 19 00-0987	LF	8" ID, 0.010" Stainless Steel Insulation Jacketing	21.24	2.39
22 07 19 00-0988	LF	8-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	22.12	2.43
22 07 19 00-0989	LF	9" ID, 0.010" Stainless Steel Insulation Jacketing	23.01	2.48
22 07 19 00-0990	LF	9-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	23.91	2.53
22 07 19 00-0991	LF	10" ID, 0.010" Stainless Steel Insulation Jacketing	24.82	2.58
22 07 19 00-0992	LF	10-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	25.74	2.63
22 07 19 00-0993	LF	11" ID, 0.010" Stainless Steel Insulation Jacketing	26.66	2.68
22 07 19 00-0994	LF	12" ID, 0.010" Stainless Steel Insulation Jacketing	28.52	2.80
22 07 19 00-0995	LF	13" ID, 0.010" Stainless Steel Insulation Jacketing	30.37	2.91
22 07 19 00-0996	LF	14" ID, 0.010" Stainless Steel Insulation Jacketing	31.94	2.95
22 07 19 00-0997		16 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0967)*		
22 07 19 00-0998	LF	2-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	13.92	2.05
22 07 19 00-0999	LF	2-3/4" ID, 0.016" Stainless Steel Insulation Jacketing	14.58	2.09
22 07 19 00-1000	LF	3" ID, 0.016" Stainless Steel Insulation Jacketing	15.27	2.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1001	LF	3-1/4" ID, 0.016" Stainless Steel Insulation Jacketing	15.98	2.18
22 07 19 00-1002	LF	3-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	16.66	2.22
22 07 19 00-1003	LF	3-3/4" ID, 0.016" Stainless Steel Insulation Jacketing	17.37	2.27
22 07 19 00-1004	LF	4" ID, 0.016" Stainless Steel Insulation Jacketing	18.09	2.32
22 07 19 00-1005	LF	4-1/4" ID, 0.016" Stainless Steel Insulation Jacketing	18.81	2.38
22 07 19 00-1006	LF	4-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	19.54	2.43
22 07 19 00-1007	LF	5" ID, 0.016" Stainless Steel Insulation Jacketing	21.06	2.55
22 07 19 00-1008	LF	5-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	22.62	2.69
22 07 19 00-1009	LF	6" ID, 0.016" Stainless Steel Insulation Jacketing	24.22	2.84
22 07 19 00-1010	LF	6-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	25.56	2.92
22 07 19 00-1011	LF	7" ID, 0.016" Stainless Steel Insulation Jacketing	26.94	3.00
22 07 19 00-1012	LF	7-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	28.39	3.12
22 07 19 00-1013	LF	8" ID, 0.016" Stainless Steel Insulation Jacketing	29.64	3.18
22 07 19 00-1014	LF	8-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	30.90	3.24
22 07 19 00-1015	LF	9" ID, 0.016" Stainless Steel Insulation Jacketing	32.18	3.30
22 07 19 00-1016	LF	9-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	33.46	3.36
22 07 19 00-1017	LF	10" ID, 0.016" Stainless Steel Insulation Jacketing	34.73	3.43
22 07 19 00-1018	LF	10-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	36.05	3.50
22 07 19 00-1019	LF	11" ID, 0.0106 Stainless Steel Insulation Jacketing	37.37	3.57
22 07 19 00-1020	LF	12" ID, 0.016" Stainless Steel Insulation Jacketing	40.01	3.73
22 07 19 00-1021	LF	13" ID, 0.016" Stainless Steel Insulation Jacketing	42.63	3.87
22 07 19 00-1022	LF	14" ID, 0.016" Stainless Steel Insulation Jacketing	44.89	3.93
22 07 19 00-1023		Type 316 Stainless Steel Insulation Protective Jacketing For Fittings *(22 07 19 00-0967)*		
22 07 19 00-1024	EA	2-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	29.67	3.05
22 07 19 00-1025	EA	2-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	29.96	3.13
22 07 19 00-1026	EA	3" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	31.08	3.21
22 07 19 00-1027	EA	3-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	31.41	3.29
22 07 19 00-1028	EA	3-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	32.55	3.34
22 07 19 00-1029	EA	3-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	33.88	3.40
22 07 19 00-1030	EA	4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	36.28	3.49
22 07 19 00-1031	EA	4-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	43.87	3.56
22 07 19 00-1032	EA	4-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	44.14	3.62
22 07 19 00-1033	EA	5" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	45.38	3.77
22 07 19 00-1034	EA	5-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	61.03	3.96
22 07 19 00-1035	EA	6" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	66.32	4.17
22 07 19 00-1036	EA	6-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	85.96	4.42
22 07 19 00-1037	EA	7" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	86.37	4.52
22 07 19 00-1038	EA	7-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	98.25	4.63
22 07 19 00-1039	EA	8" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	98.95	4.80
22 07 19 00-1040	EA	8-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	101.66	4.80
22 07 19 00-1041	EA	9" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	145.11	4.92
22 07 19 00-1042	EA	9-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	143.17	4.99
22 07 19 00-1043	EA	10" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	143.44	5.05
22 07 19 00-1044	EA	10-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	167.93	5.12
22 07 19 00-1045	EA	11" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	161.51	5.19
22 07 19 00-1046	EA	12" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	181.43	5.41
22 07 19 00-1047	EA	13" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	243.97	5.65
22 07 19 00-1048	EA	14" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	246.15	5.82
22 07 19 00-1049	EA	2-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	26.77	3.05
22 07 19 00-1050	EA	2-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	27.06	3.13
22 07 19 00-1051	EA	3" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	28.48	3.21
22 07 19 00-1052	EA	3-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	28.81	3.29
22 07 19 00-1053	EA	3-1/2" ID Stainless Steel 45 Degree Elbow Insulation Jacketing	29.23	3.34
22 07 19 00-1054	EA	3-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	29.47	3.40
22 07 19 00-1055	EA	4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	34.38	3.49
22 07 19 00-1056	EA	4-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	42.86	3.56
22 07 19 00-1057	EA	4-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	43.13	3.62
22 07 19 00-1058	EA	4-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	43.41	3.69
22 07 19 00-1059	EA	5" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	44.18	3.77
22 07 19 00-1060	EA	5-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	44.96	3.96
22 07 19 00-1061	EA	6" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	51.25	4.17
22 07 19 00-1062	EA	6-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	52.21	4.42
22 07 19 00-1063	EA	7" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	76.53	4.52
22 07 19 00-1064	EA	7-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	78.16	4.63
22 07 19 00-1065	EA	8" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	78.39	4.69
22 07 19 00-1066	EA	8-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	89.01	4.80
22 07 19 00-1067	EA	9" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	89.50	4.92
22 07 19 00-1068	EA	9-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	101.89	4.99
22 07 19 00-1069	EA	10" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	102.16	5.05
22 07 19 00-1070	EA	10-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	118.97	5.12
22 07 19 00-1071	EA	11" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	119.25	5.19
22 07 19 00-1072	EA	12" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	128.60	5.41
22 07 19 00-1073	EA	13" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	148.45	5.65
22 07 19 00-1074		Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0594)*		
22 07 19 00-1075		20 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-1074)*		
22 07 19 00-1076	LF	1-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	7.63	1.42

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1077	LF	2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	8.49	1.48
22 07 19 00-1078	LF	2-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	9.22	1.53
22 07 19 00-1079	LF	3" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	10.11	1.60
22 07 19 00-1080	LF	3-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	10.89	1.67
22 07 19 00-1081	LF	4" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	11.75	1.74
22 07 19 00-1082	LF	4-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	12.65	1.83
22 07 19 00-1083	LF	5" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	13.49	1.93
22 07 19 00-1084	LF	5-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	14.47	2.03
22 07 19 00-1085	LF	6" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	15.48	2.14
22 07 19 00-1086	LF	6-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	16.29	2.20
22 07 19 00-1087	LF	7" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	17.03	2.26
22 07 19 00-1088	LF	7-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	18.01	2.34
22 07 19 00-1089	LF	8" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	18.67	2.39
22 07 19 00-1090	LF	8-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	19.41	2.43
22 07 19 00-1091	LF	9" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	20.16	2.48
22 07 19 00-1092	LF	9-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	20.92	2.53
22 07 19 00-1093	LF	10" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	21.62	2.58
22 07 19 00-1094	LF	10-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	22.39	2.63
22 07 19 00-1095	LF	11" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	23.18	2.68
22 07 19 00-1096	LF	11-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	23.97	2.74
22 07 19 00-1097	LF	12" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	24.69	2.80
22 07 19 00-1098	LF	12-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	25.58	2.86
22 07 19 00-1099	LF	13" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	26.26	2.91
22 07 19 00-1100	LF	13-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	26.82	2.91
22 07 19 00-1101	LF	14" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	27.56	2.95
22 07 19 00-1102	LF	15" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	28.88	3.00
22 07 19 00-1103	LF	16" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	30.12	3.05
22 07 19 00-1104	LF	17" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	31.44	3.10
22 07 19 00-1105	LF	18" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	32.77	3.15
22 07 19 00-1106	LF	19" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	34.03	3.21
22 07 19 00-1107	LF	20" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	35.38	3.26
22 07 19 00-1108	LF	21" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	36.65	3.31
22 07 19 00-1109	LF	22" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	38.01	3.37
22 07 19 00-1110	LF	23" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	39.30	3.43
22 07 19 00-1111	LF	24" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	40.69	3.49
22 07 19 00-1112	LF	25" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	42.07	3.56
22 07 19 00-1113	LF	26" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	43.39	3.62
22 07 19 00-1114	LF	27" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	44.80	3.69
22 07 19 00-1115	LF	28" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	46.13	3.77
22 07 19 00-1116	LF	29" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	47.57	3.84
22 07 19 00-1117	LF	30" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	49.01	3.92

22 07 19 00-1118 30 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-1074)*

22 07 19 00-1119	LF	2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	9.70	1.48
22 07 19 00-1120	LF	2-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	10.75	1.53
22 07 19 00-1121	LF	3" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	11.89	1.60
22 07 19 00-1122	LF	3-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.90	1.67
22 07 19 00-1123	LF	4" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	14.01	1.74
22 07 19 00-1124	LF	4-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	15.15	1.83
22 07 19 00-1125	LF	5" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	16.32	1.93
22 07 19 00-1126	LF	5-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	17.53	2.03
22 07 19 00-1127	LF	6" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	18.79	2.14
22 07 19 00-1128	LF	6-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	19.84	2.20
22 07 19 00-1129	LF	7" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	20.90	2.26
22 07 19 00-1130	LF	7-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	22.12	2.34
22 07 19 00-1131	LF	8" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	23.11	2.39
22 07 19 00-1132	LF	8-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	24.10	2.43
22 07 19 00-1133	LF	9" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	25.08	2.48
22 07 19 00-1134	LF	9-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	26.09	2.53
22 07 19 00-1135	LF	10" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	27.11	2.58
22 07 19 00-1136	LF	10-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	28.12	2.63
22 07 19 00-1137	LF	11" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	29.15	2.68
22 07 19 00-1138	LF	11-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	30.19	2.74
22 07 19 00-1139	LF	12" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	31.22	2.80
22 07 19 00-1140	LF	12-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	32.36	2.86
22 07 19 00-1141	LF	13" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	33.36	2.91
22 07 19 00-1142	LF	13-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	34.17	2.91
22 07 19 00-1143	LF	14" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	35.14	2.95
22 07 19 00-1144	LF	15" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	36.95	3.00
22 07 19 00-1145	LF	16" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	38.75	3.05
22 07 19 00-1146	LF	17" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	40.56	3.10
22 07 19 00-1147	LF	18" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	42.45	3.15
22 07 19 00-1148	LF	19" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	44.28	3.21
22 07 19 00-1149	LF	20" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	46.12	3.26
22 07 19 00-1150	LF	21" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	47.95	3.31
22 07 19 00-1151	LF	22" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	49.80	3.37
22 07 19 00-1152	LF	23" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	51.65	3.43
22 07 19 00-1153	LF	24" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	53.52	3.49
22 07 19 00-1154	LF	25" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	55.47	3.56
22 07 19 00-1155	LF	26" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	57.35	3.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1156	LF	27" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	59.25	3.69
22 07 19 00-1157	LF	28" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	61.14	3.77
22 07 19 00-1158	LF	29" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	63.07	3.84
22 07 19 00-1159	LF	30" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	64.99	3.92
22 07 19 00-1160		Polyvinyl Chloride (PVC) Insulation Protective Jacketing For Fittings *(22 07 19 00-1074)*		
22 07 19 00-1161	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	15.82	2.84
22 07 19 00-1162	EA	2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	17.31	2.95
22 07 19 00-1163	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	18.14	3.00
22 07 19 00-1164	EA	2-1/2"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	18.98	3.05
22 07 19 00-1165	EA	2-3/4"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	19.83	3.13
22 07 19 00-1166	EA	3" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	20.56	3.21
22 07 19 00-1167	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	22.05	3.31
22 07 19 00-1168	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	23.45	3.40
22 07 19 00-1169	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	26.41	3.49
22 07 19 00-1170	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	29.65	3.66
22 07 19 00-1171	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	32.88	3.84
22 07 19 00-1172	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	39.25	4.04
22 07 19 00-1173	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	55.57	4.27
22 07 19 00-1174	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	58.18	4.42
22 07 19 00-1175	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	68.84	4.52
22 07 19 00-1176	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	71.77	4.63
22 07 19 00-1177	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	87.73	4.80
22 07 19 00-1178	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	111.47	4.99
22 07 19 00-1179	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	122.94	5.19
22 07 19 00-1180	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	138.75	5.41
22 07 19 00-1181	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	170.45	5.65
22 07 19 00-1182	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	192.27	5.82
22 07 19 00-1183	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	205.59	6.00
22 07 19 00-1184	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	222.60	6.10
22 07 19 00-1185	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	244.70	6.20
22 07 19 00-1186	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	308.87	6.30
22 07 19 00-1187	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	410.72	6.40
22 07 19 00-1188	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	520.99	6.51
22 07 19 00-1189	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	15.82	2.84
22 07 19 00-1190	EA	2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	17.31	2.95
22 07 19 00-1191	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	18.14	3.00
22 07 19 00-1192	EA	2-1/2"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	18.98	3.05
22 07 19 00-1193	EA	2-3/4"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	19.83	3.13
22 07 19 00-1194	EA	3" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	20.56	3.21
22 07 19 00-1195	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	22.05	3.31
22 07 19 00-1196	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	23.45	3.40
22 07 19 00-1197	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	26.41	3.49
22 07 19 00-1198	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	29.65	3.66
22 07 19 00-1199	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	32.88	3.84
22 07 19 00-1200	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	39.25	4.04
22 07 19 00-1201	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	55.57	4.27
22 07 19 00-1202	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	58.18	4.42
22 07 19 00-1203	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	68.84	4.52
22 07 19 00-1204	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	71.77	4.63
22 07 19 00-1205	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	87.73	4.80
22 07 19 00-1206	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	111.47	4.99
22 07 19 00-1207	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	122.86	5.19
22 07 19 00-1208	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	134.23	5.41
22 07 19 00-1209	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	148.25	5.65
22 07 19 00-1210	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	166.85	5.82
22 07 19 00-1211	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	178.07	6.00
22 07 19 00-1212	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	200.32	6.10
22 07 19 00-1213	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	222.91	6.20
22 07 19 00-1214	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	267.31	6.30
22 07 19 00-1215	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	355.85	6.40
22 07 19 00-1216	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	400.10	6.51
22 07 19 00-1217	EA	1-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	24.40	4.00
22 07 19 00-1218	EA	2" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	25.86	4.08
22 07 19 00-1219	EA	2-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	27.22	4.22
22 07 19 00-1220	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	28.76	4.37
22 07 19 00-1221	EA	2-3/4"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	30.51	4.52
22 07 19 00-1222	EA	3" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	32.22	4.69
22 07 19 00-1223	EA	3-3/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	34.95	4.86
22 07 19 00-1224	EA	3-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	37.81	5.05
22 07 19 00-1225	EA	4-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	41.87	5.26
22 07 19 00-1226	EA	4-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	47.86	5.49
22 07 19 00-1227	EA	5-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	54.09	5.74
22 07 19 00-1228	EA	5-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	65.79	6.10
22 07 19 00-1229	EA	6-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	80.00	6.40
22 07 19 00-1230	EA	6-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	93.35	6.51
22 07 19 00-1231	EA	7-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	135.75	6.74
22 07 19 00-1232	EA	7-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	147.73	7.12
22 07 19 00-1233	EA	8-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	174.65	7.39
22 07 19 00-1234	EA	9-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	201.82	7.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1235	EA	10-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	205.12	8.01
22 07 19 00-1236	EA	11-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	225.02	8.18
22 07 19 00-1237	EA	12-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	244.93	8.35
22 07 19 00-1238	EA	14-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	265.04	8.54
22 07 19 00-1239	EA	15-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	284.95	8.73
22 07 19 00-1240	EA	16-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	305.04	8.93
22 07 19 00-1241	EA	17-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	324.94	9.15
22 07 19 00-1242	EA	18-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	354.88	9.37
22 07 19 00-1243	EA	19-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	384.72	9.61
22 07 19 00-1244	EA	20-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	420.96	9.85
22 07 19 00-1245	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	46.09	2.74
22 07 19 00-1246	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	46.09	2.74
22 07 19 00-1247	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	55.85	2.84
22 07 19 00-1248	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	55.85	2.84
22 07 19 00-1249	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	81.95	2.95
22 07 19 00-1250	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	90.17	3.08
22 07 19 00-1251	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	100.05	3.21
22 07 19 00-1252	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	114.32	3.34
22 07 19 00-1253	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	126.48	3.49
22 07 19 00-1254	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	155.23	3.84
22 07 19 00-1255	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	223.67	4.27
22 07 19 00-1256	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	244.21	4.80
22 07 19 00-1257	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	308.36	5.12
22 07 19 00-1258	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	436.61	5.65
22 07 19 00-1259	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	438.38	5.91
22 07 19 00-1260	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	588.42	6.10
22 07 19 00-1261	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	800.92	6.30
22 07 19 00-1262	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	42.21	2.74
22 07 19 00-1263	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	42.21	2.74
22 07 19 00-1264	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	51.17	2.84
22 07 19 00-1265	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	51.17	2.84
22 07 19 00-1266	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	74.28	2.95
22 07 19 00-1267	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	81.61	3.08
22 07 19 00-1268	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	90.69	3.21
22 07 19 00-1269	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	95.52	3.34
22 07 19 00-1270	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	114.05	3.49
22 07 19 00-1271	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	139.81	3.84
22 07 19 00-1272	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	200.99	4.27
22 07 19 00-1273	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	219.35	4.80
22 07 19 00-1274	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	276.72	5.12
22 07 19 00-1275	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	391.33	5.65
22 07 19 00-1276	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	503.27	5.91
22 07 19 00-1277	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	605.45	6.10
22 07 19 00-1278	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	711.01	6.30
22 07 19 00-1279	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	62.29	4.13
22 07 19 00-1280	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	62.29	4.13
22 07 19 00-1281	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	74.85	4.27
22 07 19 00-1282	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	74.85	4.27
22 07 19 00-1283	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	108.78	4.42
22 07 19 00-1284	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	119.65	4.58
22 07 19 00-1285	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	132.60	4.80
22 07 19 00-1286	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	140.12	4.99
22 07 19 00-1287	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	167.77	5.26
22 07 19 00-1288	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	184.59	5.74
22 07 19 00-1289	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	264.73	6.40
22 07 19 00-1290	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	287.67	7.12
22 07 19 00-1291	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	405.03	7.68
22 07 19 00-1292	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	571.46	8.35
22 07 19 00-1293	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	685.63	8.93
22 07 19 00-1294	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	816.18	9.15
22 07 19 00-1295	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	896.32	9.37
22 07 19 00-1296		Insulation Foam Rubber *(22 07 19)*		
22 07 19 00-1297		Covering 4x6 Sheet *(22 07 19 00-1296)*		
22 07 19 00-1298	SF	1" Thick Foam Rubber Sheet Insulation	20.57	6.82

22 10 Plumbing Piping *(22)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

22 11 Facility Water Distribution *(22 10)*

22 11 16 Domestic Water Piping *(22 11)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks. See CSI section 23 21 13 00-0000 for black steel piping and fitting.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0001			**Galvanized Steel Pipe Assemblies** *(22 11 16)* Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
22 11 16 00-0002		LF	1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	18.48	3.99
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*5.00*	
			For ASTM 120, Deduct	*-0.78*	
			For Work In Restricted Working Space, Add	*3.98*	
22 11 16 00-0003		LF	3/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	20.59	4.29
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*5.76*	
			For ASTM 120, Deduct	*-0.99*	
			For Work In Restricted Working Space, Add	*4.21*	
22 11 16 00-0004		LF	1" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	23.89	4.70
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*7.00*	
			For ASTM 120, Deduct	*-1.34*	
			For Work In Restricted Working Space, Add	*4.50*	
22 11 16 00-0005		LF	1-1/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	28.58	4.90
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*8.88*	
			For ASTM 120, Deduct	*-1.90*	
			For Work In Restricted Working Space, Add	*4.77*	
22 11 16 00-0006		LF	1-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	31.18	5.80
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*9.88*	
			For ASTM 120, Deduct	*-2.19*	
			For Work In Restricted Working Space, Add	*4.98*	
22 11 16 00-0007		LF	2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	38.33	6.99
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*12.53*	
			For ASTM 120, Deduct	*-2.92*	
			For Work In Restricted Working Space, Add	*5.67*	
22 11 16 00-0008		LF	2-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	58.19	8.29
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*20.65*	
			For ASTM 120, Deduct	*-5.41*	
			For Work In Restricted Working Space, Add	*6.64*	
22 11 16 00-0009		LF	3" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	72.00	11.09
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*25.70*	
			For ASTM 120, Deduct	*-6.78*	
			For Work In Restricted Working Space, Add	*8.05*	
22 11 16 00-0010		LF	4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	115.51	12.90
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*44.44*	
			For ASTM 120, Deduct	*-12.81*	
			For Work In Restricted Working Space, Add	*9.04*	
22 11 16 00-0011		LF	5" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	206.56	16.49
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*83.85*	
			For ASTM 120, Deduct	*-25.52*	
			For Work In Restricted Working Space, Add	*10.93*	
22 11 16 00-0012		LF	6" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	252.04	19.50
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*103.07*	
			For ASTM 120, Deduct	*-31.60*	
			For Work In Restricted Working Space, Add	*12.41*	
22 11 16 00-0013			**Galvanized Steel Pipe And Threaded Fittings** *(22 11 16)* Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.		
22 11 16 00-0014			**Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe** *(22 11 16 00-0013)* Note: ASTM A-53. Includes coupling. Welded pipe has a weld bead on the inside.		
22 11 16 00-0015		LF	1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	9.18	3.99
			For Schedule 80 Pipe, Add	*2.10*	
			For ASTM 120, Deduct	*-0.47*	
			For Work In Restricted Working Space, Add	*1.82*	
22 11 16 00-0016		LF	3/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	10.56	4.29
			For Schedule 80 Pipe, Add	*2.62*	
			For ASTM 120, Deduct	*-0.62*	
			For Work In Restricted Working Space, Add	*1.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0017	LF	1" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	13.10	4.70
		For Schedule 80 Pipe, Add	*3.64*	
		For ASTM 120, Deduct	*-0.92*	
		For Work In Restricted Working Space, Add	*2.09*	
22 11 16 00-0018	LF	1-1/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	15.68	4.90
		For Schedule 80 Pipe, Add	*4.71*	
		For ASTM 120, Deduct	*-1.24*	
		For Work In Restricted Working Space, Add	*2.22*	
22 11 16 00-0019	LF	1-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	18.60	5.80
		For Schedule 80 Pipe, Add	*5.63*	
		For ASTM 120, Deduct	*-1.49*	
		For Work In Restricted Working Space, Add	*2.61*	
22 11 16 00-0020	LF	2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	23.81	6.99
		For Schedule 80 Pipe, Add	*7.44*	
		For ASTM 120, Deduct	*-2.00*	
		For Work In Restricted Working Space, Add	*3.15*	
22 11 16 00-0021	LF	2-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	33.59	8.29
		For Schedule 80 Pipe, Add	*11.38*	
		For ASTM 120, Deduct	*-3.17*	
		For Work In Restricted Working Space, Add	*3.75*	
22 11 16 00-0022	LF	3" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	44.28	11.09
		For Schedule 80 Pipe, Add	*14.93*	
		For ASTM 120, Deduct	*-4.14*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0023	LF	4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	58.74	12.90
		For Schedule 80 Pipe, Add	*20.82*	
		For ASTM 120, Deduct	*-5.90*	
		For Work In Restricted Working Space, Add	*5.82*	
22 11 16 00-0024	LF	5" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	77.44	16.49
		For Schedule 80 Pipe, Add	*27.79*	
		For ASTM 120, Deduct	*-7.91*	
		For Work In Restricted Working Space, Add	*7.41*	
22 11 16 00-0025	LF	6" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	97.63	19.50
		For Schedule 80 Pipe, Add	*35.76*	
		For ASTM 120, Deduct	*-10.26*	
		For Work In Restricted Working Space, Add	*8.76*	
22 11 16 00-0026	LF	8" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	109.20	23.57
		For Schedule 80 Pipe, Add	*39.01*	
		For ASTM 120, Deduct	*-11.09*	
		For Work In Restricted Working Space, Add	*10.58*	

22 11 16 00-0027 Seamless, Threaded And Coupled, Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: ASTM A-53. Includes coupling.

22 11 16 00-0028	LF	1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	10.03	3.99
		For Schedule 80 Pipe, Add	*2.51*	
		For ASTM 120, Deduct	*-0.60*	
		For Work In Restricted Working Space, Add	*1.82*	
22 11 16 00-0029	LF	3/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	11.20	4.29
		For Schedule 80 Pipe, Add	*2.93*	
		For ASTM 120, Deduct	*-0.71*	
		For Work In Restricted Working Space, Add	*1.93*	
22 11 16 00-0030	LF	1" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	12.51	4.70
		For Schedule 80 Pipe, Add	*3.35*	
		For ASTM 120, Deduct	*-0.83*	
		For Work In Restricted Working Space, Add	*2.09*	
22 11 16 00-0031	LF	1-1/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	14.35	4.90
		For Schedule 80 Pipe, Add	*4.08*	
		For ASTM 120, Deduct	*-1.04*	
		For Work In Restricted Working Space, Add	*2.22*	
22 11 16 00-0032	LF	1-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	16.63	5.80
		For Schedule 80 Pipe, Add	*4.68*	
		For ASTM 120, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*2.61*	
22 11 16 00-0033	LF	2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	19.55	6.99
		For Schedule 80 Pipe, Add	*5.39*	
		For ASTM 120, Deduct	*-1.36*	
		For Work In Restricted Working Space, Add	*3.15*	
22 11 16 00-0034	LF	2-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	27.62	8.29
		For Schedule 80 Pipe, Add	*8.51*	
		For ASTM 120, Deduct	*-2.27*	
		For Work In Restricted Working Space, Add	*3.75*	
22 11 16 00-0035	LF	3" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	35.15	11.09
		For Schedule 80 Pipe, Add	*10.55*	
		For ASTM 120, Deduct	*-2.78*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0036	LF	4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	45.86	12.90
		For Schedule 80 Pipe, Add	*14.64*	
		For ASTM 120, Deduct	*-3.97*	
		For Work In Restricted Working Space, Add	*5.82*	
22 11 16 00-0037	LF	5" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	59.21	16.49
		For Schedule 80 Pipe, Add	*19.04*	
		For ASTM 120, Deduct	*-5.18*	
		For Work In Restricted Working Space, Add	*7.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0038	LF	6" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	73.37	19.50
		For Schedule 80 Pipe, Add	*24.12*	
		For ASTM 120, Deduct	*-6.62*	
		For Work In Restricted Working Space, Add	*8.76*	

22 11 16 00-0039 Galvanized Malleable Iron 90 Degree Elbows *(22 11 16 00-0013)*

22 11 16 00-0040	EA	1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	33.01	17.78
		For 300 LB Rating, Add	*23.26*	
		For ASTM 120, Deduct	*-0.96*	
		For Work In Restricted Working Space, Add	*7.99*	
22 11 16 00-0041	EA	3/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	37.63	19.88
		For 300 LB Rating, Add	*28.38*	
		For ASTM 120, Deduct	*-1.17*	
		For Work In Restricted Working Space, Add	*8.94*	
22 11 16 00-0042	EA	1", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	47.78	22.17
		For 300 LB Rating, Add	*51.26*	
		For ASTM 120, Deduct	*-2.17*	
		For Work In Restricted Working Space, Add	*9.99*	
22 11 16 00-0043	EA	1-1/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	60.59	25.17
		For 300 LB Rating, Add	*80.12*	
		For ASTM 120, Deduct	*-3.44*	
		For Work In Restricted Working Space, Add	*11.31*	
22 11 16 00-0044	EA	1-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	72.38	28.36
		For 300 LB Rating, Add	*104.14*	
		For ASTM 120, Deduct	*-4.48*	
		For Work In Restricted Working Space, Add	*12.75*	
22 11 16 00-0045	EA	2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	102.94	36.05
		For 300 LB Rating, Add	*169.67*	
		For ASTM 120, Deduct	*-7.34*	
		For Work In Restricted Working Space, Add	*16.20*	
22 11 16 00-0046	EA	2-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	207.99	53.34
		For 300 LB Rating, Add	*440.30*	
		For ASTM 120, Deduct	*-19.21*	
		For Work In Restricted Working Space, Add	*23.97*	
22 11 16 00-0047	EA	3", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	316.31	70.12
		For 300 LB Rating, Add	*724.32*	
		For ASTM 120, Deduct	*-31.68*	
		For Work In Restricted Working Space, Add	*31.54*	
22 11 16 00-0048	EA	4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	485.65	75.48
		For 300 LB Rating, Add	*1,273.16*	
		For ASTM 120, Deduct	*-55.87*	
		For Work In Restricted Working Space, Add	*33.96*	
22 11 16 00-0049	EA	5", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	1,726.59	78.78
		For 300 LB Rating, Add	*5,475.92*	
		For ASTM 120, Deduct	*-241.27*	
		For Work In Restricted Working Space, Add	*35.43*	
22 11 16 00-0050	EA	6", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	1,606.33	82.37
		For 300 LB Rating, Add	*5,049.07*	
		For ASTM 120, Deduct	*-222.43*	
		For Work In Restricted Working Space, Add	*37.05*	
22 11 16 00-0051	EA	8", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	1,917.99	86.07
		For 300 LB Rating, Add	*6,090.17*	
		For ASTM 120, Deduct	*-268.34*	
		For Work In Restricted Working Space, Add	*38.71*	

22 11 16 00-0052 Galvanized Malleable Iron Reducing 90 Degree Elbows *(22 11 16 00-0013)*

22 11 16 00-0053	EA	3/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	41.83	18.78
		For ASTM 120, Deduct	*-2.04*	
		For Work In Restricted Working Space, Add	*8.47*	
22 11 16 00-0054	EA	1" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	49.01	21.07
		For ASTM 120, Deduct	*-2.62*	
		For Work In Restricted Working Space, Add	*9.47*	
22 11 16 00-0055	EA	1" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	48.48	19.98
		For ASTM 120, Deduct	*-2.78*	
		For Work In Restricted Working Space, Add	*8.99*	
22 11 16 00-0056	EA	1-1/4" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	64.77	23.67
		For ASTM 120, Deduct	*-4.39*	
		For Work In Restricted Working Space, Add	*10.65*	
22 11 16 00-0057	EA	1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	68.92	22.48
		For ASTM 120, Deduct	*-5.28*	
		For Work In Restricted Working Space, Add	*10.13*	
22 11 16 00-0058	EA	1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	69.42	21.48
		For ASTM 120, Deduct	*-5.59*	
		For Work In Restricted Working Space, Add	*9.65*	
22 11 16 00-0059	EA	1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	86.88	26.77
		For ASTM 120, Deduct	*-7.02*	
		For Work In Restricted Working Space, Add	*12.03*	
22 11 16 00-0060	EA	1-1/2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	84.69	25.27
		For ASTM 120, Deduct	*-7.02*	
		For Work In Restricted Working Space, Add	*11.37*	
22 11 16 00-0061	EA	1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	82.94	24.07
		For ASTM 120, Deduct	*-7.02*	
		For Work In Restricted Working Space, Add	*10.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0062	EA	2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	102.90	32.16
		For ASTM 120, Deduct	*-8.20*	
		For Work In Restricted Working Space, Add	*14.47*	
22 11 16 00-0063	EA	2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	108.50	30.56
		For ASTM 120, Deduct	*-9.40*	
		For Work In Restricted Working Space, Add	*13.75*	
22 11 16 00-0064	EA	2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	108.66	29.07
		For ASTM 120, Deduct	*-9.75*	
		For Work In Restricted Working Space, Add	*13.09*	
22 11 16 00-0065	EA	2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	91.22	27.97
		For ASTM 120, Deduct	*-7.40*	
		For Work In Restricted Working Space, Add	*12.57*	
22 11 16 00-0066	EA	2-1/2" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	252.21	44.65
		For ASTM 120, Deduct	*-27.79*	
		For Work In Restricted Working Space, Add	*20.09*	
22 11 16 00-0067	EA	2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	267.61	40.85
		For ASTM 120, Deduct	*-30.96*	
		For Work In Restricted Working Space, Add	*18.36*	
22 11 16 00-0068	EA	3" x 2-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	429.23	61.72
		For ASTM 120, Deduct	*-50.51*	
		For Work In Restricted Working Space, Add	*27.75*	
22 11 16 00-0069	EA	3" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	372.02	53.03
		For ASTM 120, Deduct	*-43.87*	
		For Work In Restricted Working Space, Add	*23.87*	
22 11 16 00-0070	EA	4" x 3", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	869.63	71.80
		For ASTM 120, Deduct	*-114.30*	
		For Work In Restricted Working Space, Add	*32.30*	
22 11 16 00-0071		**Galvanized Malleable Iron 45 Degree Elbow** *(22 11 16 00-0013)*		
22 11 16 00-0072	EA	1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	34.14	17.78
		For 300 LB Rating, Add	*27.10*	
		For ASTM 120, Deduct	*-1.13*	
		For Work In Restricted Working Space, Add	*7.99*	
22 11 16 00-0073	EA	3/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	40.59	19.88
		For 300 LB Rating, Add	*38.44*	
		For ASTM 120, Deduct	*-1.62*	
		For Work In Restricted Working Space, Add	*8.94*	
22 11 16 00-0074	EA	1", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	45.46	22.17
		For 300 LB Rating, Add	*43.38*	
		For ASTM 120, Deduct	*-1.83*	
		For Work In Restricted Working Space, Add	*9.99*	
22 11 16 00-0075	EA	1-1/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	60.43	25.17
		For 300 LB Rating, Add	*79.58*	
		For ASTM 120, Deduct	*-3.41*	
		For Work In Restricted Working Space, Add	*11.31*	
22 11 16 00-0076	EA	1-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	69.21	28.36
		For 300 LB Rating, Add	*93.36*	
		For ASTM 120, Deduct	*-4.01*	
		For Work In Restricted Working Space, Add	*12.75*	
22 11 16 00-0077	EA	2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	93.52	36.05
		For 300 LB Rating, Add	*137.64*	
		For ASTM 120, Deduct	*-5.93*	
		For Work In Restricted Working Space, Add	*16.20*	
22 11 16 00-0078	EA	2-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	217.43	53.34
		For 300 LB Rating, Add	*472.40*	
		For ASTM 120, Deduct	*-20.63*	
		For Work In Restricted Working Space, Add	*23.97*	
22 11 16 00-0079	EA	3", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	305.16	70.12
		For 300 LB Rating, Add	*686.41*	
		For ASTM 120, Deduct	*-30.00*	
		For Work In Restricted Working Space, Add	*31.54*	
22 11 16 00-0080	EA	4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	448.54	75.48
		For 300 LB Rating, Add	*1,146.98*	
		For ASTM 120, Deduct	*-50.30*	
		For Work In Restricted Working Space, Add	*33.96*	
22 11 16 00-0081	EA	5", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,473.18	78.78
		For 300 LB Rating, Add	*4,614.32*	
		For ASTM 120, Deduct	*-203.26*	
		For Work In Restricted Working Space, Add	*35.43*	
22 11 16 00-0082	EA	6", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,757.39	82.37
		For 300 LB Rating, Add	*5,562.67*	
		For ASTM 120, Deduct	*-245.09*	
		For Work In Restricted Working Space, Add	*37.05*	
22 11 16 00-0083	EA	8", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	2,097.41	86.07
		For 300 LB Rating, Add	*6,700.20*	
		For ASTM 120, Deduct	*-295.26*	
		For Work In Restricted Working Space, Add	*38.71*	
22 11 16 00-0084		**Galvanized Malleable Iron Tees** *(22 11 16 00-0013)*		
22 11 16 00-0085	EA	1/2", 150 LB, Galvanized Malleable Iron Tee	41.54	22.17
		For 300 LB Rating, Add	*30.05*	
		For ASTM 120, Deduct	*-1.24*	
		For Work In Restricted Working Space, Add	*9.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0086	EA	3/4", 150 LB, Galvanized Malleable Iron Tee	52.02	25.67
		For 300 LB Rating, Add	*48.58*	
		For ASTM 120, Deduct	*-2.04*	
		For Work In Restricted Working Space, Add	*11.52*	
22 11 16 00-0087	EA	1", 150 LB, Galvanized Malleable Iron Tee	67.39	30.27
		For 300 LB Rating, Add	*77.52*	
		For ASTM 120, Deduct	*-3.30*	
		For Work In Restricted Working Space, Add	*13.62*	
22 11 16 00-0088	EA	1-1/4", 150 LB, Galvanized Malleable Iron Tee	88.90	36.05
		For 300 LB Rating, Add	*121.93*	
		For ASTM 120, Deduct	*-5.24*	
		For Work In Restricted Working Space, Add	*16.20*	
22 11 16 00-0089	EA	1-1/2", 150 LB, Galvanized Malleable Iron Tee	107.82	42.95
		For 300 LB Rating, Add	*151.39*	
		For ASTM 120, Deduct	*-6.51*	
		For Work In Restricted Working Space, Add	*19.33*	
22 11 16 00-0090	EA	2", 150 LB, Galvanized Malleable Iron Tee	150.43	53.34
		For 300 LB Rating, Add	*244.60*	
		For ASTM 120, Deduct	*-10.58*	
		For Work In Restricted Working Space, Add	*23.97*	
22 11 16 00-0091	EA	2-1/2", 150 LB, Galvanized Malleable Iron Tee	285.43	57.93
		For 300 LB Rating, Add	*680.38*	
		For ASTM 120, Deduct	*-29.79*	
		For Work In Restricted Working Space, Add	*26.06*	
22 11 16 00-0092	EA	3", 150 LB, Galvanized Malleable Iron Tee	338.00	70.12
		For 300 LB Rating, Add	*798.07*	
		For ASTM 120, Deduct	*-34.93*	
		For Work In Restricted Working Space, Add	*31.54*	
22 11 16 00-0093	EA	4", 150 LB, Galvanized Malleable Iron Tee	693.87	95.38
		For 300 LB Rating, Add	*1,881.60*	
		For ASTM 120, Deduct	*-82.63*	
		For Work In Restricted Working Space, Add	*42.89*	
22 11 16 00-0094	EA	5", 150 LB, Galvanized Malleable Iron Tee	1,901.47	113.23
		For 300 LB Rating, Add	*5,897.90*	
		For ASTM 120, Deduct	*-259.75*	
		For Work In Restricted Working Space, Add	*50.94*	
22 11 16 00-0095	EA	6", 150 LB, Galvanized Malleable Iron Tee	2,158.18	129.43
		For 300 LB Rating, Add	*6,689.69*	
		For ASTM 120, Deduct	*-294.62*	
		For Work In Restricted Working Space, Add	*58.22*	
22 11 16 00-0096	EA	8", 150 LB, Galvanized Malleable Iron Tee	2,566.60	153.68
		For 300 LB Rating, Add	*7,948.69*	
		For ASTM 120, Deduct	*-350.06*	
		For Work In Restricted Working Space, Add	*69.86*	

22 11 16 00-0097 Galvanized Malleable Iron Reducing Tee *(22 11 16 00-0013)*

22 11 16 00-0098	EA	1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	52.47	22.17
		For 300 LB Rating, Add	*67.21*	
		For ASTM 120, Deduct	*-2.88*	
		For Work In Restricted Working Space, Add	*9.99*	
22 11 16 00-0099	EA	3/4", 150 LB, Galvanized Malleable Iron Reducing Tee	57.32	25.67
		For 300 LB Rating, Add	*66.60*	
		For ASTM 120, Deduct	*-2.84*	
		For Work In Restricted Working Space, Add	*11.52*	
22 11 16 00-0100	EA	1", 150 LB, Galvanized Malleable Iron Reducing Tee	71.96	30.27
		For 300 LB Rating, Add	*93.06*	
		For ASTM 120, Deduct	*-3.99*	
		For Work In Restricted Working Space, Add	*13.62*	
22 11 16 00-0101	EA	1-1/4", 150 LB, Galvanized Malleable Iron Reducing Tee	95.20	36.05
		For 300 LB Rating, Add	*143.35*	
		For ASTM 120, Deduct	*-6.18*	
		For Work In Restricted Working Space, Add	*16.20*	
22 11 16 00-0102	EA	1-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	115.33	42.95
		For 300 LB Rating, Add	*176.93*	
		For ASTM 120, Deduct	*-7.64*	
		For Work In Restricted Working Space, Add	*19.33*	
22 11 16 00-0103	EA	2", 150 LB, Galvanized Malleable Iron Reducing Tee	154.21	53.34
		For 300 LB Rating, Add	*257.45*	
		For ASTM 120, Deduct	*-11.15*	
		For Work In Restricted Working Space, Add	*23.97*	
22 11 16 00-0104	EA	2-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	349.58	58.13
		For 300 LB Rating, Add	*897.59*	
		For ASTM 120, Deduct	*-39.37*	
		For Work In Restricted Working Space, Add	*26.14*	
22 11 16 00-0105	EA	3", 150 LB, Galvanized Malleable Iron Reducing Tee	447.18	71.22
		For 300 LB Rating, Add	*1,163.73*	
		For ASTM 120, Deduct	*-51.06*	
		For Work In Restricted Working Space, Add	*32.04*	
22 11 16 00-0106	EA	4", 150 LB, Galvanized Malleable Iron Reducing Tee	1,129.73	95.38
		For 300 LB Rating, Add	*3,363.53*	
		For ASTM 120, Deduct	*-148.01*	
		For Work In Restricted Working Space, Add	*42.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0107	EA	5", 150 LB, Galvanized Malleable Iron Reducing Tee	2,457.96	113.23
		For 300 LB Rating, Add	*7,789.97*	
		For ASTM 120, Deduct	*-343.23*	
		For Work In Restricted Working Space, Add	*50.94*	
22 11 16 00-0108	EA	6", 150 LB, Galvanized Malleable Iron Reducing Tee	2,790.02	129.43
		For 300 LB Rating, Add	*8,837.94*	
		For ASTM 120, Deduct	*-389.40*	
		For Work In Restricted Working Space, Add	*58.22*	
22 11 16 00-0109	EA	8", 150 LB, Galvanized Malleable Iron Reducing Tee	3,353.22	148.62
		For 300 LB Rating, Add	*10,655.63*	
		For ASTM 120, Deduct	*-469.51*	
		For Work In Restricted Working Space, Add	*66.95*	
22 11 16 00-0110		**Galvanized Malleable Iron Couplings** *(22 11 16 00-0013)*		
22 11 16 00-0111	EA	1/2", 150 LB, Galvanized Malleable Iron Coupling	32.93	17.78
		For 300 LB Rating, Add	*22.98*	
		For ASTM 120, Deduct	*-0.94*	
		For Work In Restricted Working Space, Add	*7.99*	
22 11 16 00-0112	EA	3/4", 150 LB, Galvanized Malleable Iron Coupling	37.06	19.88
		For 300 LB Rating, Add	*26.44*	
		For ASTM 120, Deduct	*-1.09*	
		For Work In Restricted Working Space, Add	*8.94*	
22 11 16 00-0113	EA	1", 150 LB, Galvanized Malleable Iron Coupling	45.17	22.17
		For 300 LB Rating, Add	*42.39*	
		For ASTM 120, Deduct	*-1.78*	
		For Work In Restricted Working Space, Add	*9.99*	
22 11 16 00-0114	EA	1-1/4", 150 LB, Galvanized Malleable Iron Coupling	54.44	25.17
		For 300 LB Rating, Add	*59.21*	
		For ASTM 120, Deduct	*-2.51*	
		For Work In Restricted Working Space, Add	*11.31*	
22 11 16 00-0115	EA	1-1/2", 150 LB, Galvanized Malleable Iron Coupling	61.54	28.36
		For 300 LB Rating, Add	*67.29*	
		For ASTM 120, Deduct	*-2.86*	
		For Work In Restricted Working Space, Add	*12.75*	
22 11 16 00-0116	EA	2", 150 LB, Galvanized Malleable Iron Coupling	81.83	36.05
		For 300 LB Rating, Add	*97.90*	
		For ASTM 120, Deduct	*-4.18*	
		For Work In Restricted Working Space, Add	*16.20*	
22 11 16 00-0117	EA	2-1/2", 150 LB, Galvanized Malleable Iron Coupling	165.12	53.34
		For 300 LB Rating, Add	*294.54*	
		For ASTM 120, Deduct	*-12.78*	
		For Work In Restricted Working Space, Add	*23.97*	
22 11 16 00-0118	EA	3", 150 LB, Galvanized Malleable Iron Coupling	219.03	70.12
		For 300 LB Rating, Add	*393.57*	
		For ASTM 120, Deduct	*-17.09*	
		For Work In Restricted Working Space, Add	*31.54*	
22 11 16 00-0119	EA	4", 150 LB, Galvanized Malleable Iron Coupling	355.09	75.48
		For 300 LB Rating, Add	*829.25*	
		For ASTM 120, Deduct	*-36.29*	
		For Work In Restricted Working Space, Add	*33.96*	
22 11 16 00-0120	EA	5", 150 LB, Galvanized Malleable Iron Coupling	799.25	78.78
		For 300 LB Rating, Add	*2,322.96*	
		For ASTM 120, Deduct	*-102.17*	
		For Work In Restricted Working Space, Add	*35.43*	
22 11 16 00-0121	EA	6", 150 LB, Galvanized Malleable Iron Coupling	899.49	82.37
		For 300 LB Rating, Add	*2,645.81*	
		For ASTM 120, Deduct	*-116.40*	
		For Work In Restricted Working Space, Add	*37.05*	
22 11 16 00-0122	EA	8", 150 LB, Galvanized Malleable Iron Coupling	1,064.28	86.07
		For 300 LB Rating, Add	*3,187.56*	
		For ASTM 120, Deduct	*-140.29*	
		For Work In Restricted Working Space, Add	*38.71*	
22 11 16 00-0123		**Galvanized Malleable Iron Reducing Couplings** *(22 11 16 00-0013)*		
22 11 16 00-0124	EA	1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	34.27	17.78
		For 300 LB Rating, Add	*27.54*	
		For ASTM 120, Deduct	*-1.14*	
		For Work In Restricted Working Space, Add	*7.99*	
22 11 16 00-0125	EA	3/4", 150 LB, Galvanized Malleable Iron Reducing Coupling	37.97	19.88
		For 300 LB Rating, Add	*29.53*	
		For ASTM 120, Deduct	*-1.22*	
		For Work In Restricted Working Space, Add	*8.94*	
22 11 16 00-0126	EA	1", 150 LB, Galvanized Malleable Iron Reducing Coupling	46.89	22.17
		For 300 LB Rating, Add	*48.24*	
		For ASTM 120, Deduct	*-2.04*	
		For Work In Restricted Working Space, Add	*9.99*	
22 11 16 00-0127	EA	1-1/4", 150 LB, Galvanized Malleable Iron Reducing Coupling	55.27	25.17
		For 300 LB Rating, Add	*62.03*	
		For ASTM 120, Deduct	*-2.64*	
		For Work In Restricted Working Space, Add	*11.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0128	EA	1-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	65.17	28.36
		For 300 LB Rating, Add	*79.63*	
		For ASTM 120, Deduct	*-3.40*	
		For Work In Restricted Working Space, Add	*12.75*	
22 11 16 00-0129	EA	2", 150 LB, Galvanized Malleable Iron Reducing Coupling	84.92	36.05
		For 300 LB Rating, Add	*108.40*	
		For ASTM 120, Deduct	*-4.64*	
		For Work In Restricted Working Space, Add	*16.20*	
22 11 16 00-0130	EA	2-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	166.20	53.34
		For 300 LB Rating, Add	*298.21*	
		For ASTM 120, Deduct	*-12.95*	
		For Work In Restricted Working Space, Add	*23.97*	
22 11 16 00-0131	EA	3", 150 LB, Galvanized Malleable Iron Reducing Coupling	215.80	70.12
		For 300 LB Rating, Add	*382.59*	
		For ASTM 120, Deduct	*-16.60*	
		For Work In Restricted Working Space, Add	*31.54*	
22 11 16 00-0132	EA	4", 150 LB, Galvanized Malleable Iron Reducing Coupling	361.32	75.48
		For 300 LB Rating, Add	*850.43*	
		For ASTM 120, Deduct	*-37.22*	
		For Work In Restricted Working Space, Add	*33.96*	
22 11 16 00-0133	EA	5", 150 LB, Galvanized Malleable Iron Reducing Coupling	835.10	78.78
		For 300 LB Rating, Add	*2,444.85*	
		For ASTM 120, Deduct	*-107.55*	
		For Work In Restricted Working Space, Add	*35.43*	
22 11 16 00-0134	EA	6", 150 LB, Galvanized Malleable Iron Reducing Coupling	940.33	82.37
		For 300 LB Rating, Add	*2,784.67*	
		For ASTM 120, Deduct	*-122.53*	
		For Work In Restricted Working Space, Add	*37.05*	
22 11 16 00-0135	EA	8", 150 LB, Galvanized Malleable Iron Reducing Coupling	1,113.87	86.07
		For 300 LB Rating, Add	*3,356.16*	
		For ASTM 120, Deduct	*-147.72*	
		For Work In Restricted Working Space, Add	*38.71*	

22 11 16 00-0136 Galvanized Malleable Iron Caps *(22 11 16 00-0013)*

22 11 16 00-0137	EA	1/2", 150 LB, Galvanized Malleable Iron Cap	14.56	8.29
		For 300 LB Rating, Add	*7.79*	
		For ASTM 120, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*3.75*	
22 11 16 00-0138	EA	3/4", 150 LB, Galvanized Malleable Iron Cap	16.18	8.89
		For 300 LB Rating, Add	*10.56*	
		For ASTM 120, Deduct	*-0.43*	
		For Work In Restricted Working Space, Add	*3.99*	
22 11 16 00-0139	EA	1", 150 LB, Galvanized Malleable Iron Cap	18.92	10.29
		For 300 LB Rating, Add	*12.99*	
		For ASTM 120, Deduct	*-0.53*	
		For Work In Restricted Working Space, Add	*4.61*	
22 11 16 00-0140	EA	1-1/4", 150 LB, Galvanized Malleable Iron Cap	20.79	10.78
		For 300 LB Rating, Add	*16.88*	
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*4.83*	
22 11 16 00-0141	EA	1-1/2", 150 LB, Galvanized Malleable Iron Cap	20.49	10.78
		For 300 LB Rating, Add	*15.86*	
		For ASTM 120, Deduct	*-0.66*	
		For Work In Restricted Working Space, Add	*4.83*	
22 11 16 00-0142	EA	2", 150 LB, Galvanized Malleable Iron Cap	30.85	14.28
		For 300 LB Rating, Add	*33.15*	
		For ASTM 120, Deduct	*-1.41*	
		For Work In Restricted Working Space, Add	*6.44*	
22 11 16 00-0143	EA	2-1/2", 150 LB, Galvanized Malleable Iron Cap	47.68	17.78
		For 300 LB Rating, Add	*73.13*	
		For ASTM 120, Deduct	*-3.16*	
		For Work In Restricted Working Space, Add	*7.99*	
22 11 16 00-0144	EA	3", 150 LB, Galvanized Malleable Iron Cap	62.17	21.48
		For 300 LB Rating, Add	*103.76*	
		For ASTM 120, Deduct	*-4.49*	
		For Work In Restricted Working Space, Add	*9.67*	
22 11 16 00-0145	EA	4", 150 LB, Galvanized Malleable Iron Cap	94.81	25.90
		For 300 LB Rating, Add	*192.73*	
		For ASTM 120, Deduct	*-8.40*	
		For Work In Restricted Working Space, Add	*11.64*	
22 11 16 00-0146	EA	5", 150 LB, Galvanized Malleable Iron Cap	234.39	32.41
		For 300 LB Rating, Add	*634.90*	
		For ASTM 120, Deduct	*-27.88*	
		For Work In Restricted Working Space, Add	*14.55*	
22 11 16 00-0147	EA	6", 150 LB, Galvanized Malleable Iron Cap	292.08	38.51
		For 300 LB Rating, Add	*800.02*	
		For ASTM 120, Deduct	*-35.14*	
		For Work In Restricted Working Space, Add	*17.34*	
22 11 16 00-0148	EA	8", 150 LB, Galvanized Malleable Iron Cap	368.13	43.04
		For 300 LB Rating, Add	*1,036.15*	
		For ASTM 120, Deduct	*-45.54*	
		For Work In Restricted Working Space, Add	*19.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0149		Galvanized Malleable Iron FIP Threaded, Unions *(22 11 16 00-0013)*		
22 11 16 00-0150	EA	1/2", 150 LB, Galvanized Malleable Iron Union	49.62	22.17
		For Work In Restricted Working Space, Add	*9.99*	
22 11 16 00-0151	EA	3/4", 150 LB, Galvanized Malleable Iron Union	57.17	25.67
		For Work In Restricted Working Space, Add	*11.52*	
22 11 16 00-0152	EA	1", 150 LB, Galvanized Malleable Iron Union	69.96	30.27
		For Work In Restricted Working Space, Add	*13.62*	
22 11 16 00-0153	EA	1-1/4", 150 LB, Galvanized Malleable Iron Union	89.51	36.05
		For Work In Restricted Working Space, Add	*16.20*	
22 11 16 00-0154	EA	1-1/2", 150 LB, Galvanized Malleable Iron Union	107.47	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 11 16 00-0155	EA	2", 150 LB, Galvanized Malleable Iron Union	129.38	53.34
		For Work In Restricted Working Space, Add	*23.97*	
22 11 16 00-0156	EA	2-1/2", 150 LB, Galvanized Malleable Iron Union	289.82	78.60
		For Work In Restricted Working Space, Add	*35.39*	
22 11 16 00-0157	EA	3", 150 LB, Galvanized Malleable Iron Union	395.75	103.38
		For Work In Restricted Working Space, Add	*46.56*	
22 11 16 00-0158	EA	1/2", 250 LB, Galvanized Malleable Iron Union	66.49	22.17
		For Work In Restricted Working Space, Add	*9.99*	
22 11 16 00-0159	EA	3/4", 250 LB, Galvanized Malleable Iron Union	68.58	25.67
		For Work In Restricted Working Space, Add	*11.52*	
22 11 16 00-0160	EA	1", 250 LB, Galvanized Malleable Iron Union	82.79	30.27
		For Work In Restricted Working Space, Add	*13.62*	
22 11 16 00-0161	EA	1-1/4", 250 LB, Galvanized Malleable Iron Union	110.62	36.05
		For Work In Restricted Working Space, Add	*16.19*	
22 11 16 00-0162	EA	1-1/2", 250 LB, Galvanized Malleable Iron Union	129.64	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 11 16 00-0163	EA	2", 250 LB, Galvanized Malleable Iron Union	171.98	53.34
		For Work In Restricted Working Space, Add	*23.97*	
22 11 16 00-0164	EA	2-1/2", 250 LB, Galvanized Malleable Iron Union	360.19	78.60
		For Work In Restricted Working Space, Add	*35.39*	
22 11 16 00-0165	EA	3", 250 LB, Galvanized Malleable Iron Union	526.85	103.38
		For Work In Restricted Working Space, Add	*46.56*	
22 11 16 00-0166	EA	4", 250 LB, Galvanized Malleable Iron Union	750.09	111.38
		For Work In Restricted Working Space, Add	*50.13*	
22 11 16 00-0167	EA	1/2", 300 LB, Galvanized Malleable Iron Union	71.12	22.17
		For Work In Restricted Working Space, Add	*9.99*	
22 11 16 00-0168	EA	3/4", 300 LB, Galvanized Malleable Iron Union	79.43	25.67
		For Work In Restricted Working Space, Add	*11.52*	
22 11 16 00-0169	EA	1", 300 LB, Galvanized Malleable Iron Union	99.81	30.27
		For Work In Restricted Working Space, Add	*13.62*	
22 11 16 00-0170	EA	1-1/4", 300 LB, Galvanized Malleable Iron Union	129.86	36.05
		For Work In Restricted Working Space, Add	*16.19*	
22 11 16 00-0171	EA	1-1/2", 300 LB, Galvanized Malleable Iron Union	155.81	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 11 16 00-0172	EA	2", 300 LB, Galvanized Malleable Iron Union	189.57	53.34
		For Work In Restricted Working Space, Add	*23.97*	
22 11 16 00-0173	EA	2-1/2", 300 LB, Galvanized Malleable Iron Union	423.87	78.60
		For Work In Restricted Working Space, Add	*35.39*	
22 11 16 00-0174	EA	3", 300 LB, Galvanized Malleable Iron Union	672.58	103.38
		For Work In Restricted Working Space, Add	*46.56*	
22 11 16 00-0175	EA	4", 300 LB, Galvanized Malleable Iron Union	1,464.70	111.38
		For Work In Restricted Working Space, Add	*50.13*	
22 11 16 00-0176		Galvanized Steel Nipples *(22 11 16 00-0013)*		
		Note: ASTM A-53.		
22 11 16 00-0177	EA	3/8" x Close, Schedule 40 Galvanized Steel Nipple	16.83	9.48
		For Schedule 80 Nipples, Add	*2.92*	
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0178	EA	1/2" x Close, Schedule 40 Galvanized Steel Nipple	16.34	9.48
		For Schedule 80 Nipples, Add	*2.36*	
		For ASTM 120, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0179	EA	3/4" x Close, Schedule 40 Galvanized Steel Nipple	16.78	9.48
		For Schedule 80 Nipples, Add	*2.86*	
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0180	EA	1" x Close, Schedule 40 Galvanized Steel Nipple	18.82	10.29
		For Schedule 80 Nipples, Add	*3.93*	
		For ASTM 120, Deduct	*-0.52*	
		For Work In Restricted Working Space, Add	*4.61*	
22 11 16 00-0181	EA	1-1/4" x Close, Schedule 40 Galvanized Steel Nipple	21.27	11.09
		For Schedule 80 Nipples, Add	*5.27*	
		For ASTM 120, Deduct	*-0.69*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0182	EA	1-1/2" x Close, Schedule 40 Galvanized Steel Nipple	22.08	11.09
		For Schedule 80 Nipples, Add	*6.19*	
		For ASTM 120, Deduct	*-0.81*	
		For Work In Restricted Working Space, Add	*5.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0183	EA	2" x Close, Schedule 40 Galvanized Steel Nipple	29.13	14.28
		For Schedule 80 Nipples, Add	*8.72*	
		For ASTM 120, Deduct	*-1.15*	
		For Work In Restricted Working Space, Add	*6.44*	
22 11 16 00-0184	EA	2-1/2" x Close, Schedule 40 Galvanized Steel Nipple	49.41	17.78
		For Schedule 80 Nipples, Add	*25.96*	
		For ASTM 120, Deduct	*-3.42*	
		For Work In Restricted Working Space, Add	*7.99*	
22 11 16 00-0185	EA	3" x Close, Schedule 40 Galvanized Steel Nipple	59.50	21.48
		For Schedule 80 Nipples, Add	*31.10*	
		For ASTM 120, Deduct	*-4.09*	
		For Work In Restricted Working Space, Add	*9.67*	
22 11 16 00-0186	EA	4" x Close, Schedule 40 Galvanized Steel Nipple	79.70	25.90
		For Schedule 80 Nipples, Add	*46.61*	
		For ASTM 120, Deduct	*-6.13*	
		For Work In Restricted Working Space, Add	*11.64*	
22 11 16 00-0187	EA	3/8" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.21	9.48
		For Schedule 80 Nipples, Add	*3.35*	
		For ASTM 120, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0188	EA	1/2" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	16.45	9.48
		For Schedule 80 Nipples, Add	*2.49*	
		For ASTM 120, Deduct	*-0.33*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0189	EA	3/4" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.01	9.48
		For Schedule 80 Nipples, Add	*3.12*	
		For ASTM 120, Deduct	*-0.41*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0190	EA	3/8" x 2" Long, Schedule 40 Galvanized Steel Nipple	17.21	9.48
		For Schedule 80 Nipples, Add	*3.35*	
		For ASTM 120, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0191	EA	1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple	16.45	9.48
		For Schedule 80 Nipples, Add	*2.49*	
		For ASTM 120, Deduct	*-0.33*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0192	EA	3/4" x 2" Long, Schedule 40 Galvanized Steel Nipple	17.01	9.48
		For Schedule 80 Nipples, Add	*3.12*	
		For ASTM 120, Deduct	*-0.41*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0193	EA	1" x 2" Long, Schedule 40 Galvanized Steel Nipple	19.44	10.29
		For Schedule 80 Nipples, Add	*4.64*	
		For ASTM 120, Deduct	*-0.61*	
		For Work In Restricted Working Space, Add	*4.61*	
22 11 16 00-0194	EA	1-1/4" x 2" Long, Schedule 40 Galvanized Steel Nipple	21.61	11.09
		For Schedule 80 Nipples, Add	*5.65*	
		For ASTM 120, Deduct	*-0.74*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0195	EA	1-1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple	22.48	11.09
		For Schedule 80 Nipples, Add	*6.65*	
		For ASTM 120, Deduct	*-0.87*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0196	EA	3/8" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.18	9.48
		For Schedule 80 Nipples, Add	*4.46*	
		For ASTM 120, Deduct	*-0.59*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0197	EA	1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	16.83	9.48
		For Schedule 80 Nipples, Add	*2.92*	
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0198	EA	3/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.29	9.48
		For Schedule 80 Nipples, Add	*3.44*	
		For ASTM 120, Deduct	*-0.45*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0199	EA	1" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.77	10.29
		For Schedule 80 Nipples, Add	*5.02*	
		For ASTM 120, Deduct	*-0.66*	
		For Work In Restricted Working Space, Add	*4.61*	
22 11 16 00-0200	EA	1-1/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	22.10	11.09
		For Schedule 80 Nipples, Add	*6.21*	
		For ASTM 120, Deduct	*-0.82*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0201	EA	1-1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	23.14	11.09
		For Schedule 80 Nipples, Add	*7.40*	
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0202	EA	2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	30.09	14.28
		For Schedule 80 Nipples, Add	*9.82*	
		For ASTM 120, Deduct	*-1.29*	
		For Work In Restricted Working Space, Add	*6.44*	
22 11 16 00-0203	EA	3/8" x 3" Long, Schedule 40 Galvanized Steel Nipple	18.18	9.48
		For Schedule 80 Nipples, Add	*4.46*	
		For ASTM 120, Deduct	*-0.59*	
		For Work In Restricted Working Space, Add	*4.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0204	EA	1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	16.83	9.48
		For Schedule 80 Nipples, Add	*2.92*	
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0205	EA	3/4" x 3" Long, Schedule 40 Galvanized Steel Nipple	17.29	9.48
		For Schedule 80 Nipples, Add	*3.44*	
		For ASTM 120, Deduct	*-0.45*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0206	EA	1" x 3" Long, Schedule 40 Galvanized Steel Nipple	19.77	10.29
		For Schedule 80 Nipples, Add	*5.02*	
		For ASTM 120, Deduct	*-0.66*	
		For Work In Restricted Working Space, Add	*4.61*	
22 11 16 00-0207	EA	1-1/4" x 3" Long, Schedule 40 Galvanized Steel Nipple	22.10	11.09
		For Schedule 80 Nipples, Add	*6.21*	
		For ASTM 120, Deduct	*-0.82*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0208	EA	1-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	23.14	11.09
		For Schedule 80 Nipples, Add	*7.40*	
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0209	EA	2" x 3" Long, Schedule 40 Galvanized Steel Nipple	30.09	14.28
		For Schedule 80 Nipples, Add	*9.82*	
		For ASTM 120, Deduct	*-1.29*	
		For Work In Restricted Working Space, Add	*6.44*	
22 11 16 00-0210	EA	2-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	50.28	17.78
		For Schedule 80 Nipples, Add	*26.95*	
		For ASTM 120, Deduct	*-3.55*	
		For Work In Restricted Working Space, Add	*7.99*	
22 11 16 00-0211	EA	3" x 3" Long, Schedule 40 Galvanized Steel Nipple	63.26	21.48
		For Schedule 80 Nipples, Add	*35.39*	
		For ASTM 120, Deduct	*-4.66*	
		For Work In Restricted Working Space, Add	*9.67*	
22 11 16 00-0212	EA	3/8" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.92	9.48
		For Schedule 80 Nipples, Add	*5.30*	
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0213	EA	1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.43	9.48
		For Schedule 80 Nipples, Add	*3.60*	
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0214	EA	3/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.18	9.48
		For Schedule 80 Nipples, Add	*4.46*	
		For ASTM 120, Deduct	*-0.59*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0215	EA	1" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.66	10.29
		For Schedule 80 Nipples, Add	*6.03*	
		For ASTM 120, Deduct	*-0.79*	
		For Work In Restricted Working Space, Add	*4.61*	
22 11 16 00-0216	EA	1-1/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	23.14	11.09
		For Schedule 80 Nipples, Add	*7.40*	
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0217	EA	1-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	24.85	11.09
		For Schedule 80 Nipples, Add	*9.35*	
		For ASTM 120, Deduct	*-1.23*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0218	EA	2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	31.93	14.28
		For Schedule 80 Nipples, Add	*11.91*	
		For ASTM 120, Deduct	*-1.57*	
		For Work In Restricted Working Space, Add	*6.44*	
22 11 16 00-0219	EA	2-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	54.08	17.78
		For Schedule 80 Nipples, Add	*31.28*	
		For ASTM 120, Deduct	*-4.12*	
		For Work In Restricted Working Space, Add	*7.99*	
22 11 16 00-0220	EA	3" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	68.64	21.48
		For Schedule 80 Nipples, Add	*41.52*	
		For ASTM 120, Deduct	*-5.46*	
		For Work In Restricted Working Space, Add	*9.67*	
22 11 16 00-0221	EA	3/8" x 4" Long, Schedule 40 Galvanized Steel Nipple	18.92	9.48
		For Schedule 80 Nipples, Add	*5.30*	
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0222	EA	1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	17.43	9.48
		For Schedule 80 Nipples, Add	*3.60*	
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0223	EA	3/4" x 4" Long, Schedule 40 Galvanized Steel Nipple	18.92	9.48
		For Schedule 80 Nipples, Add	*5.30*	
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0224	EA	1" x 4" Long, Schedule 40 Galvanized Steel Nipple	20.66	10.29
		For Schedule 80 Nipples, Add	*6.03*	
		For ASTM 120, Deduct	*-0.79*	
		For Work In Restricted Working Space, Add	*4.61*	

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22 11 16 00-0225	EA	1-1/4" x 4" Long, Schedule 40 Galvanized Steel Nipple	23.14	11.09
		For Schedule 80 Nipples, Add	*7.40*	
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0226	EA	1-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	24.85	11.09
		For Schedule 80 Nipples, Add	*9.35*	
		For ASTM 120, Deduct	*-1.23*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0227	EA	2" x 4" Long, Schedule 40 Galvanized Steel Nipple	32.02	14.28
		For Schedule 80 Nipples, Add	*12.02*	
		For ASTM 120, Deduct	*-1.58*	
		For Work In Restricted Working Space, Add	*6.44*	
22 11 16 00-0228	EA	2-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	54.08	17.78
		For Schedule 80 Nipples, Add	*31.28*	
		For ASTM 120, Deduct	*-4.12*	
		For Work In Restricted Working Space, Add	*7.99*	
22 11 16 00-0229	EA	3" x 4" Long, Schedule 40 Galvanized Steel Nipple	68.64	21.48
		For Schedule 80 Nipples, Add	*41.52*	
		For ASTM 120, Deduct	*-5.46*	
		For Work In Restricted Working Space, Add	*9.67*	
22 11 16 00-0230	EA	4" x 4" Long, Schedule 40 Galvanized Steel Nipple	87.71	25.90
		For Schedule 80 Nipples, Add	*55.75*	
		For ASTM 120, Deduct	*-7.34*	
		For Work In Restricted Working Space, Add	*11.64*	
22 11 16 00-0231	EA	3/8" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.67	9.48
		For Schedule 80 Nipples, Add	*7.30*	
		For ASTM 120, Deduct	*-0.96*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0232	EA	1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.07	9.48
		For Schedule 80 Nipples, Add	*4.33*	
		For ASTM 120, Deduct	*-0.57*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0233	EA	3/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.94	9.48
		For Schedule 80 Nipples, Add	*5.32*	
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0234	EA	1" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	21.86	10.29
		For Schedule 80 Nipples, Add	*7.40*	
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*4.61*	
22 11 16 00-0235	EA	1-1/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	24.68	11.09
		For Schedule 80 Nipples, Add	*9.15*	
		For ASTM 120, Deduct	*-1.20*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0236	EA	1-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	26.57	11.09
		For Schedule 80 Nipples, Add	*11.31*	
		For ASTM 120, Deduct	*-1.49*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0237	EA	2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	34.82	14.28
		For Schedule 80 Nipples, Add	*15.21*	
		For ASTM 120, Deduct	*-2.00*	
		For Work In Restricted Working Space, Add	*6.44*	
22 11 16 00-0238	EA	2-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	57.24	17.78
		For Schedule 80 Nipples, Add	*34.88*	
		For ASTM 120, Deduct	*-4.59*	
		For Work In Restricted Working Space, Add	*7.99*	
22 11 16 00-0239	EA	3" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	74.67	21.48
		For Schedule 80 Nipples, Add	*48.39*	
		For ASTM 120, Deduct	*-6.37*	
		For Work In Restricted Working Space, Add	*9.67*	
22 11 16 00-0240	EA	4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	93.64	25.90
		For Schedule 80 Nipples, Add	*62.51*	
		For ASTM 120, Deduct	*-8.22*	
		For Work In Restricted Working Space, Add	*11.64*	
22 11 16 00-0241	EA	3/8" x 5" Long, Schedule 40 Galvanized Steel Nipple	20.67	9.48
		For Schedule 80 Nipples, Add	*7.30*	
		For ASTM 120, Deduct	*-0.96*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0242	EA	1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	18.07	9.48
		For Schedule 80 Nipples, Add	*4.33*	
		For ASTM 120, Deduct	*-0.57*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0243	EA	3/4" x 5" Long, Schedule 40 Galvanized Steel Nipple	18.94	9.48
		For Schedule 80 Nipples, Add	*5.32*	
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0244	EA	1" x 5" Long, Schedule 40 Galvanized Steel Nipple	21.86	10.29
		For Schedule 80 Nipples, Add	*7.40*	
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*4.61*	
22 11 16 00-0245	EA	1-1/4" x 5" Long, Schedule 40 Galvanized Steel Nipple	24.68	11.09
		For Schedule 80 Nipples, Add	*9.15*	
		For ASTM 120, Deduct	*-1.20*	
		For Work In Restricted Working Space, Add	*5.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0246	EA	1-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	26.57	11.09
		For Schedule 80 Nipples, Add	*11.31*	
		For ASTM 120, Deduct	*-1.49*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0247	EA	2" x 5" Long, Schedule 40 Galvanized Steel Nipple	34.82	14.28
		For Schedule 80 Nipples, Add	*15.21*	
		For ASTM 120, Deduct	*-2.00*	
		For Work In Restricted Working Space, Add	*6.44*	
22 11 16 00-0248	EA	2-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	57.24	17.78
		For Schedule 80 Nipples, Add	*34.88*	
		For ASTM 120, Deduct	*-4.59*	
		For Work In Restricted Working Space, Add	*7.99*	
22 11 16 00-0249	EA	3" x 5" Long, Schedule 40 Galvanized Steel Nipple	74.67	21.48
		For Schedule 80 Nipples, Add	*48.39*	
		For ASTM 120, Deduct	*-6.37*	
		For Work In Restricted Working Space, Add	*9.67*	
22 11 16 00-0250	EA	4" x 5" Long, Schedule 40 Galvanized Steel Nipple	93.64	25.90
		For Schedule 80 Nipples, Add	*62.51*	
		For ASTM 120, Deduct	*-8.22*	
		For Work In Restricted Working Space, Add	*11.64*	
22 11 16 00-0251	EA	3/8" x 6" Long, Schedule 40 Galvanized Steel Nipple	21.39	9.48
		For Schedule 80 Nipples, Add	*8.12*	
		For ASTM 120, Deduct	*-1.07*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0252	EA	1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	18.58	9.48
		For Schedule 80 Nipples, Add	*4.91*	
		For ASTM 120, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0253	EA	3/4" x 6" Long, Schedule 40 Galvanized Steel Nipple	19.87	9.48
		For Schedule 80 Nipples, Add	*6.38*	
		For ASTM 120, Deduct	*-0.84*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0254	EA	1" x 6" Long, Schedule 40 Galvanized Steel Nipple	22.73	10.29
		For Schedule 80 Nipples, Add	*8.39*	
		For ASTM 120, Deduct	*-1.10*	
		For Work In Restricted Working Space, Add	*4.61*	
22 11 16 00-0255	EA	1-1/4" x 6" Long, Schedule 40 Galvanized Steel Nipple	25.97	11.09
		For Schedule 80 Nipples, Add	*10.62*	
		For ASTM 120, Deduct	*-1.40*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0256	EA	1-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	27.81	11.09
		For Schedule 80 Nipples, Add	*12.72*	
		For ASTM 120, Deduct	*-1.67*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0257	EA	2" x 6" Long, Schedule 40 Galvanized Steel Nipple	36.98	14.28
		For Schedule 80 Nipples, Add	*17.67*	
		For ASTM 120, Deduct	*-2.33*	
		For Work In Restricted Working Space, Add	*6.44*	
22 11 16 00-0258	EA	2-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	60.26	17.78
		For Schedule 80 Nipples, Add	*38.33*	
		For ASTM 120, Deduct	*-5.04*	
		For Work In Restricted Working Space, Add	*7.99*	
22 11 16 00-0259	EA	3" x 6" Long, Schedule 40 Galvanized Steel Nipple	77.11	21.48
		For Schedule 80 Nipples, Add	*51.17*	
		For ASTM 120, Deduct	*-6.73*	
		For Work In Restricted Working Space, Add	*9.67*	
22 11 16 00-0260	EA	4" x 6" Long, Schedule 40 Galvanized Steel Nipple	99.42	25.90
		For Schedule 80 Nipples, Add	*69.10*	
		For ASTM 120, Deduct	*-9.09*	
		For Work In Restricted Working Space, Add	*11.64*	
22 11 16 00-0261	EA	3/8" x 8" Long, Schedule 40 Galvanized Steel Nipple	42.71	9.48
		For Schedule 80 Nipples, Add	*32.42*	
		For ASTM 120, Deduct	*-4.27*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0262	EA	1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	21.87	9.48
		For Schedule 80 Nipples, Add	*8.66*	
		For ASTM 120, Deduct	*-1.14*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0263	EA	3/4" x 8" Long, Schedule 40 Galvanized Steel Nipple	23.99	9.48
		For Schedule 80 Nipples, Add	*11.08*	
		For ASTM 120, Deduct	*-1.46*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0264	EA	1" x 8" Long, Schedule 40 Galvanized Steel Nipple	27.69	10.29
		For Schedule 80 Nipples, Add	*14.04*	
		For ASTM 120, Deduct	*-1.85*	
		For Work In Restricted Working Space, Add	*4.61*	
22 11 16 00-0265	EA	1-1/4" x 8" Long, Schedule 40 Galvanized Steel Nipple	31.75	11.09
		For Schedule 80 Nipples, Add	*17.21*	
		For ASTM 120, Deduct	*-2.27*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0266	EA	1-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	33.97	11.09
		For Schedule 80 Nipples, Add	*19.74*	
		For ASTM 120, Deduct	*-2.60*	
		For Work In Restricted Working Space, Add	*5.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0267	EA	2" x 8" Long, Schedule 40 Galvanized Steel Nipple	46.74	14.28
		For Schedule 80 Nipples, Add	*28.80*	
		For ASTM 120, Deduct	*-3.79*	
		For Work In Restricted Working Space, Add	*6.44*	
22 11 16 00-0268	EA	2-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	69.91	17.78
		For Schedule 80 Nipples, Add	*49.33*	
		For ASTM 120, Deduct	*-6.49*	
		For Work In Restricted Working Space, Add	*7.99*	
22 11 16 00-0269	EA	3" x 8" Long, Schedule 40 Galvanized Steel Nipple	92.70	21.48
		For Schedule 80 Nipples, Add	*68.95*	
		For ASTM 120, Deduct	*-9.07*	
		For Work In Restricted Working Space, Add	*9.67*	
22 11 16 00-0270	EA	4" x 8" Long, Schedule 40 Galvanized Steel Nipple	111.14	25.90
		For Schedule 80 Nipples, Add	*82.46*	
		For ASTM 120, Deduct	*-10.85*	
		For Work In Restricted Working Space, Add	*11.64*	
22 11 16 00-0271	EA	3/8" x 10" Long, Schedule 40 Galvanized Steel Nipple	27.83	9.48
		For Schedule 80 Nipples, Add	*15.46*	
		For ASTM 120, Deduct	*-2.03*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0272	EA	1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	23.30	9.48
		For Schedule 80 Nipples, Add	*10.29*	
		For ASTM 120, Deduct	*-1.35*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0273	EA	3/4" x 10" Long, Schedule 40 Galvanized Steel Nipple	25.05	9.48
		For Schedule 80 Nipples, Add	*12.29*	
		For ASTM 120, Deduct	*-1.62*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0274	EA	1" x 10" Long, Schedule 40 Galvanized Steel Nipple	29.45	10.29
		For Schedule 80 Nipples, Add	*16.05*	
		For ASTM 120, Deduct	*-2.11*	
		For Work In Restricted Working Space, Add	*4.61*	
22 11 16 00-0275	EA	1-1/4" x 10" Long, Schedule 40 Galvanized Steel Nipple	34.71	11.09
		For Schedule 80 Nipples, Add	*20.59*	
		For ASTM 120, Deduct	*-2.71*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0276	EA	1-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	36.84	11.09
		For Schedule 80 Nipples, Add	*23.02*	
		For ASTM 120, Deduct	*-3.03*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0277	EA	2" x 10" Long, Schedule 40 Galvanized Steel Nipple	51.03	14.28
		For Schedule 80 Nipples, Add	*33.69*	
		For ASTM 120, Deduct	*-4.43*	
		For Work In Restricted Working Space, Add	*6.44*	
22 11 16 00-0278	EA	2-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	75.96	17.78
		For Schedule 80 Nipples, Add	*56.22*	
		For ASTM 120, Deduct	*-7.40*	
		For Work In Restricted Working Space, Add	*7.99*	
22 11 16 00-0279	EA	3" x 10" Long, Schedule 40 Galvanized Steel Nipple	101.22	21.48
		For Schedule 80 Nipples, Add	*78.66*	
		For ASTM 120, Deduct	*-10.35*	
		For Work In Restricted Working Space, Add	*9.67*	
22 11 16 00-0280	EA	4" x 10" Long, Schedule 40 Galvanized Steel Nipple	122.64	25.90
		For Schedule 80 Nipples, Add	*95.57*	
		For ASTM 120, Deduct	*-12.57*	
		For Work In Restricted Working Space, Add	*11.64*	
22 11 16 00-0281	EA	3/8" x 12" Long, Schedule 40 Galvanized Steel Nipple	29.30	9.48
		For Schedule 80 Nipples, Add	*17.13*	
		For ASTM 120, Deduct	*-2.25*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0282	EA	1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	24.54	9.48
		For Schedule 80 Nipples, Add	*11.71*	
		For ASTM 120, Deduct	*-1.54*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0283	EA	3/4" x 12" Long, Schedule 40 Galvanized Steel Nipple	26.37	9.48
		For Schedule 80 Nipples, Add	*13.79*	
		For ASTM 120, Deduct	*-1.82*	
		For Work In Restricted Working Space, Add	*4.28*	
22 11 16 00-0284	EA	1" x 12" Long, Schedule 40 Galvanized Steel Nipple	31.76	10.29
		For Schedule 80 Nipples, Add	*18.68*	
		For ASTM 120, Deduct	*-2.46*	
		For Work In Restricted Working Space, Add	*4.61*	
22 11 16 00-0285	EA	1-1/4" x 12" Long, Schedule 40 Galvanized Steel Nipple	38.33	11.09
		For Schedule 80 Nipples, Add	*24.72*	
		For ASTM 120, Deduct	*-3.25*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0286	EA	1-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	39.75	11.09
		For Schedule 80 Nipples, Add	*26.33*	
		For ASTM 120, Deduct	*-3.47*	
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-0287	EA	2" x 12" Long, Schedule 40 Galvanized Steel Nipple	55.39	14.28
		For Schedule 80 Nipples, Add	*38.66*	
		For ASTM 120, Deduct	*-5.09*	
		For Work In Restricted Working Space, Add	*6.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0288	EA	2-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	81.83	17.78
		For Schedule 80 Nipples, Add	*62.92*	
		For ASTM 120, Deduct	*-8.28*	
		For Work In Restricted Working Space, Add	*7.99*	
22 11 16 00-0289	EA	3" x 12" Long, Schedule 40 Galvanized Steel Nipple	109.80	21.48
		For Schedule 80 Nipples, Add	*88.44*	
		For ASTM 120, Deduct	*-11.64*	
		For Work In Restricted Working Space, Add	*9.67*	
22 11 16 00-0290	EA	4" x 12" Long, Schedule 40 Galvanized Steel Nipple	134.24	25.90
		For Schedule 80 Nipples, Add	*108.79*	
		For ASTM 120, Deduct	*-14.31*	
		For Work In Restricted Working Space, Add	*11.64*	

22 11 16 00-0291 Galvanized Malleable Iron Square Head Plugs *(22 11 16 00-0013)*

22 11 16 00-0292	EA	1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	17.52	7.10
		For 300 LB Rating, Add	*24.00*	
		For Work In Restricted Working Space, Add	*3.20*	
22 11 16 00-0293	EA	3/4", 150 LB, Galvanized Malleable Iron Square Head Plug	18.79	7.99
		For 300 LB Rating, Add	*24.07*	
		For Work In Restricted Working Space, Add	*3.58*	
22 11 16 00-0294	EA	1", 150 LB, Galvanized Malleable Iron Square Head Plug	20.85	8.89
		For 300 LB Rating, Add	*26.43*	
		For Work In Restricted Working Space, Add	*3.99*	
22 11 16 00-0295	EA	1-1/4", 150 LB, Galvanized Malleable Iron Square Head Plug	26.66	10.09
		For 300 LB Rating, Add	*40.31*	
		For Work In Restricted Working Space, Add	*4.52*	
22 11 16 00-0296	EA	1-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	32.61	11.29
		For 300 LB Rating, Add	*54.09*	
		For Work In Restricted Working Space, Add	*5.10*	
22 11 16 00-0297	EA	2", 150 LB, Galvanized Malleable Iron Square Head Plug	41.45	14.38
		For 300 LB Rating, Add	*68.79*	
		For Work In Restricted Working Space, Add	*6.48*	
22 11 16 00-0298	EA	2-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	70.68	21.28
		For 300 LB Rating, Add	*133.57*	
		For Work In Restricted Working Space, Add	*9.59*	
22 11 16 00-0299	EA	3", 150 LB, Galvanized Malleable Iron Square Head Plug	97.00	28.07
		For 300 LB Rating, Add	*189.32*	
		For Work In Restricted Working Space, Add	*12.62*	
22 11 16 00-0300	EA	4", 150 LB, Galvanized Malleable Iron Square Head Plug	159.34	30.17
		For 300 LB Rating, Add	*390.52*	
		For Work In Restricted Working Space, Add	*13.58*	
22 11 16 00-0301	EA	5", 150 LB, Galvanized Malleable Iron Square Head Plug	256.52	31.53
		For 300 LB Rating, Add	*714.35*	
		For Work In Restricted Working Space, Add	*14.18*	
22 11 16 00-0302	EA	6", 150 LB, Galvanized Malleable Iron Square Head Plug	275.63	32.89
		For 300 LB Rating, Add	*772.15*	
		For Work In Restricted Working Space, Add	*14.82*	

22 11 16 00-0303 Galvanized Malleable Iron Bushing *(22 11 16 00-0013)*

22 11 16 00-0304	EA	3/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	43.64	18.78
		For Work In Restricted Working Space, Add	*8.47*	
22 11 16 00-0305	EA	1" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	48.40	19.98
		For Work In Restricted Working Space, Add	*8.99*	
22 11 16 00-0306	EA	1" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	49.03	21.07
		For Work In Restricted Working Space, Add	*9.47*	
22 11 16 00-0307	EA	1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	57.98	21.48
		For Work In Restricted Working Space, Add	*9.65*	
22 11 16 00-0308	EA	1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	57.23	22.48
		For Work In Restricted Working Space, Add	*10.13*	
22 11 16 00-0309	EA	1-1/4" x 1", 150 LB, Galvanized Malleable Iron Bushing	58.97	23.67
		For Work In Restricted Working Space, Add	*10.65*	
22 11 16 00-0310	EA	1-1/2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	68.69	23.07
		For Work In Restricted Working Space, Add	*10.37*	
22 11 16 00-0311	EA	1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	70.27	24.07
		For Work In Restricted Working Space, Add	*10.85*	
22 11 16 00-0312	EA	1-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing	68.67	25.27
		For Work In Restricted Working Space, Add	*11.37*	
22 11 16 00-0313	EA	1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	68.48	26.77
		For Work In Restricted Working Space, Add	*12.03*	
22 11 16 00-0314	EA	2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	82.94	26.87
		For Work In Restricted Working Space, Add	*12.10*	
22 11 16 00-0315	EA	2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	81.56	27.97
		For Work In Restricted Working Space, Add	*12.57*	
22 11 16 00-0316	EA	2" x 1", 150 LB, Galvanized Malleable Iron Bushing	81.13	29.07
		For Work In Restricted Working Space, Add	*13.09*	
22 11 16 00-0317	EA	2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	83.33	30.56
		For Work In Restricted Working Space, Add	*13.75*	
22 11 16 00-0318	EA	2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	81.12	32.16
		For Work In Restricted Working Space, Add	*14.47*	
22 11 16 00-0319	EA	2-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	116.53	36.56
		For Work In Restricted Working Space, Add	*16.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0320	EA	2-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing	118.27	37.76
		For Work In Restricted Working Space, Add	*16.98*	
22 11 16 00-0321	EA	2-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	120.47	39.16
		For Work In Restricted Working Space, Add	*17.64*	
22 11 16 00-0322	EA	2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	121.74	40.85
		For Work In Restricted Working Space, Add	*18.36*	
22 11 16 00-0323	EA	2-1/2" x 2", 150 LB, Galvanized Malleable Iron Bushing	120.58	44.65
		For Work In Restricted Working Space, Add	*20.09*	
22 11 16 00-0324	EA	3" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	148.89	44.94
		For Work In Restricted Working Space, Add	*20.24*	
22 11 16 00-0325	EA	3" x 1", 150 LB, Galvanized Malleable Iron Bushing	150.63	46.14
		For Work In Restricted Working Space, Add	*20.77*	
22 11 16 00-0326	EA	3" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	152.83	47.64
		For Work In Restricted Working Space, Add	*21.43*	
22 11 16 00-0327	EA	3" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	153.63	49.24
		For Work In Restricted Working Space, Add	*22.15*	
22 11 16 00-0328	EA	3" x 2", 150 LB, Galvanized Malleable Iron Bushing	151.92	53.03
		For Work In Restricted Working Space, Add	*23.87*	
22 11 16 00-0329	EA	3" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing	169.07	61.72
		For Work In Restricted Working Space, Add	*27.75*	
22 11 16 00-0330	EA	4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	241.69	47.35
		For Work In Restricted Working Space, Add	*21.32*	
22 11 16 00-0331	EA	4" x 1", 150 LB, Galvanized Malleable Iron Bushing	243.38	48.51
		For Work In Restricted Working Space, Add	*21.83*	
22 11 16 00-0332	EA	4" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	245.51	49.96
		For Work In Restricted Working Space, Add	*22.47*	
22 11 16 00-0333	EA	4" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	247.85	51.52
		For Work In Restricted Working Space, Add	*23.17*	
22 11 16 00-0334	EA	4" x 2", 150 LB, Galvanized Malleable Iron Bushing	233.34	55.21
		For Work In Restricted Working Space, Add	*24.85*	
22 11 16 00-0335	EA	4" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing	266.02	63.65
		For Work In Restricted Working Space, Add	*28.62*	
22 11 16 00-0336	EA	4" x 3", 150 LB, Galvanized Malleable Iron Bushing	266.99	71.80
		For Work In Restricted Working Space, Add	*32.30*	

22 11 16 00-0337 Galvanized Malleable Iron Floor Flange *(22 11 16 00-0013)*

Note: Excludes fasteners to floor or wall. See CSI section 05 05 19 00-0001 for anchors.

22 11 16 00-0338	EA	1/2", 150 LB, Galvanized Malleable Iron Floor Flange	61.53	36.50
22 11 16 00-0339	EA	3/4", 150 LB, Galvanized Malleable Iron Floor Flange	67.26	39.95
22 11 16 00-0340	EA	1", 150 LB, Galvanized Malleable Iron Floor Flange	77.24	45.14
22 11 16 00-0341	EA	1-1/4", 150 LB, Galvanized Malleable Iron Floor Flange	80.27	46.75
22 11 16 00-0342	EA	1-1/2", 150 LB, Galvanized Malleable Iron Floor Flange	87.36	50.84
22 11 16 00-0343	EA	2", 150 LB, Galvanized Malleable Iron Floor Flange	94.06	53.03

22 11 16 00-0344 Galvanized Cast Iron Flanges *(22 11 16 00-0013)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

22 11 16 00-0345	EA	3/4", 125 LB, Galvanized Cast Iron Flange	117.11	39.95
		For Work In Restricted Working Space, Add	*17.98*	
22 11 16 00-0346	EA	1", 125 LB, Galvanized Cast Iron Flange	111.99	45.14
		For Work In Restricted Working Space, Add	*20.31*	
22 11 16 00-0347	EA	1-1/4", 125 LB, Galvanized Cast Iron Flange	93.48	46.75
		For Work In Restricted Working Space, Add	*21.02*	
22 11 16 00-0348	EA	1-1/2", 125 LB, Galvanized Cast Iron Flange	110.80	50.84
		For Work In Restricted Working Space, Add	*22.88*	
22 11 16 00-0349	EA	2", 125 LB, Galvanized Cast Iron Flange	125.30	53.03
		For Work In Restricted Working Space, Add	*23.87*	
22 11 16 00-0350	EA	2-1/2", 125 LB, Galvanized Cast Iron Flange	145.54	61.43
		For Work In Restricted Working Space, Add	*27.61*	
22 11 16 00-0351	EA	3", 125 LB, Galvanized Cast Iron Flange	261.26	77.91
		For Work In Restricted Working Space, Add	*35.04*	
22 11 16 00-0352	EA	4", 125 LB, Galvanized Cast Iron Flange	351.97	103.53
		For Work In Restricted Working Space, Add	*46.56*	
22 11 16 00-0353	EA	5", 125 LB, Galvanized Cast Iron Flange	493.67	123.22
		For Work In Restricted Working Space, Add	*55.43*	
22 11 16 00-0354	EA	6", 125 LB, Galvanized Cast Iron Flange	542.43	141.56
		For Work In Restricted Working Space, Add	*63.67*	
22 11 16 00-0355	EA	8", 125 LB, Galvanized Cast Iron Flange	500.71	161.79
		For Work In Restricted Working Space, Add	*72.77*	

22 11 16 00-0356 Cut And Thread Existing In-Place Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: For use when connecting pipe to an existing in-place system.

22 11 16 00-0357	EA	1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	32.54	
		For Work In Restricted Working Space, Add	*9.76*	
22 11 16 00-0358	EA	3/4", Cut And Thread Existing In Place Galvanized Steel Pipe	35.79	
		For Work In Restricted Working Space, Add	*10.74*	
22 11 16 00-0359	EA	1", Cut And Thread Existing In Place Galvanized Steel Pipe	39.05	
		For Work In Restricted Working Space, Add	*11.72*	
22 11 16 00-0360	EA	1-1/4", Cut And Thread Existing In Place Galvanized Steel Pipe	42.30	
		For Work In Restricted Working Space, Add	*12.69*	
22 11 16 00-0361	EA	1-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	44.46	
		For Work In Restricted Working Space, Add	*13.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0362	EA	2", Cut And Thread Existing In Place Galvanized Steel Pipe	46.63	
		For Work In Restricted Working Space, Add	*13.99*	
22 11 16 00-0363	EA	2-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	48.81	
		For Work In Restricted Working Space, Add	*14.64*	
22 11 16 00-0364	EA	3", Cut And Thread Existing In Place Galvanized Steel Pipe	50.97	
		For Work In Restricted Working Space, Add	*15.29*	
22 11 16 00-0365	EA	4", Cut And Thread Existing In Place Galvanized Steel Pipe	53.14	
		For Work In Restricted Working Space, Add	*15.94*	
22 11 16 00-0366	EA	6", Cut And Thread Existing In Place Galvanized Steel Pipe	57.48	
		For Work In Restricted Working Space, Add	*17.24*	
22 11 16 00-0367	EA	8", Cut And Thread Existing In Place Galvanized Steel Pipe	61.81	
		For Work In Restricted Working Space, Add	*18.54*	

22 11 16 00-0368 Copper Pipe And Fittings *(22 11 16)*

Note: Excludes hangers. See CSI section 22 11 16 00-0899 for pipe with fittings assembly.

22 11 16 00-0369 Copper Tube/Pipe *(22 11 16 00-0368)*

Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).

22 11 16 00-0370 Hard Drawn Type L Copper Tube/Pipe *(22 11 16 00-0369)*

22 11 16 00-0371	LF	1/4" Hard Drawn Type L Copper Tube/Pipe	5.12	2.44
		For Medical/Oxygen Service Tubing, Add	*0.12*	
		For Up To 20, Add	*0.55*	
		For >150, Deduct	*-0.15*	
		For Work In Restricted Working Space, Add	*1.10*	
22 11 16 00-0372	LF	3/8" Hard Drawn Type L Copper Tube/Pipe	5.94	2.54
		For Medical/Oxygen Service Tubing, Add	*0.17*	
		For Up To 20, Add	*0.65*	
		For >150, Deduct	*-0.21*	
		For Work In Restricted Working Space, Add	*1.14*	
22 11 16 00-0373	LF	1/2" Hard Drawn Type L Copper Tube/Pipe	6.50	2.65
		For Medical/Oxygen Service Tubing, Add	*0.20*	
		For Up To 20, Add	*0.71*	
		For >150, Deduct	*-0.25*	
		For Work In Restricted Working Space, Add	*1.19*	
22 11 16 00-0374	LF	3/4" Hard Drawn Type L Copper Tube/Pipe	8.33	2.81
		For Medical/Oxygen Service Tubing, Add	*0.33*	
		For Up To 20, Add	*0.94*	
		For >150, Deduct	*-0.41*	
		For Work In Restricted Working Space, Add	*1.26*	
22 11 16 00-0375	LF	1" Hard Drawn Type L Copper Tube/Pipe	10.69	3.15
		For Medical/Oxygen Service Tubing, Add	*0.48*	
		For Up To 20, Add	*1.22*	
		For >150, Deduct	*-0.60*	
		For Work In Restricted Working Space, Add	*1.42*	
22 11 16 00-0376	LF	1-1/4" Hard Drawn Type L Copper Tube/Pipe	15.24	4.69
		For Medical/Oxygen Service Tubing, Add	*0.66*	
		For Up To 20, Add	*1.73*	
		For >150, Deduct	*-0.82*	
		For Work In Restricted Working Space, Add	*2.11*	
22 11 16 00-0377	LF	1-1/2" Hard Drawn Type L Copper Tube/Pipe	18.41	5.24
		For Medical/Oxygen Service Tubing, Add	*0.84*	
		For Up To 20, Add	*2.11*	
		For >150, Deduct	*-1.06*	
		For Work In Restricted Working Space, Add	*2.36*	
22 11 16 00-0378	LF	2" Hard Drawn Type L Copper Tube/Pipe	26.39	6.47
		For Medical/Oxygen Service Tubing, Add	*1.34*	
		For Up To 20, Add	*3.06*	
		For >150, Deduct	*-1.67*	
		For Work In Restricted Working Space, Add	*2.90*	
22 11 16 00-0379	LF	2-1/2" Hard Drawn Type L Copper Tube/Pipe	46.97	7.60
		For Medical/Oxygen Service Tubing, Add	*1.93*	
		For Up To 20, Add	*5.30*	
		For >150, Deduct	*-2.41*	
		For Work In Restricted Working Space, Add	*6.85*	
22 11 16 00-0380	LF	3" Hard Drawn Type L Copper Tube/Pipe	59.05	8.96
		For Medical/Oxygen Service Tubing, Add	*2.58*	
		For Up To 20, Add	*6.71*	
		For >150, Deduct	*-3.22*	
		For Work In Restricted Working Space, Add	*8.06*	
22 11 16 00-0381	LF	4" Hard Drawn Type L Copper Tube/Pipe	87.69	10.11
		For Medical/Oxygen Service Tubing, Add	*4.59*	
		For Up To 20, Add	*10.20*	
		For >150, Deduct	*-5.74*	
		For Work In Restricted Working Space, Add	*9.09*	
22 11 16 00-0382	LF	5" Hard Drawn Type L Copper Tube/Pipe	136.16	11.61
		For Medical/Oxygen Service Tubing, Add	*8.11*	
		For Up To 20, Add	*16.15*	
		For >150, Deduct	*-10.14*	
		For Work In Restricted Working Space, Add	*10.44*	
22 11 16 00-0383	LF	6" Hard Drawn Type L Copper Tube/Pipe	187.27	17.99
		For Medical/Oxygen Service Tubing, Add	*10.67*	
		For Up To 20, Add	*22.06*	
		For >150, Deduct	*-13.33*	
		For Work In Restricted Working Space, Add	*16.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0384	LF	8" Hard Drawn Type L Copper Tube/Pipe	311.26	20.00
		For Medical/Oxygen Service Tubing, Add	*20.10*	
		For Up To 20, Add	*37.41*	
		For >150, Deduct	*-25.13*	
		For Work In Restricted Working Space, Add	*17.99*	
22 11 16 00-0385		**Hard Drawn Type K Copper Tube/Pipe** *(22 11 16 00-0369)*		
22 11 16 00-0386	LF	1/4" Hard Drawn Type K Copper Tube/Pipe	5.56	2.63
		For Medical/Oxygen Service Tubing, Add	*0.13*	
		For Up To 20, Add	*0.60*	
		For >150, Deduct	*-0.16*	
		For Work In Restricted Working Space, Add	*1.18*	
22 11 16 00-0387	LF	3/8" Hard Drawn Type K Copper Tube/Pipe	7.42	2.73
		For Medical/Oxygen Service Tubing, Add	*0.23*	
		For Up To 20, Add	*0.82*	
		For >150, Deduct	*-0.29*	
		For Work In Restricted Working Space, Add	*1.35*	
22 11 16 00-0388	LF	1/2" Hard Drawn Type K Copper Tube/Pipe	7.82	2.84
		For Medical/Oxygen Service Tubing, Add	*0.28*	
		For Up To 20, Add	*0.87*	
		For >150, Deduct	*-0.34*	
		For Work In Restricted Working Space, Add	*1.31*	
22 11 16 00-0389	LF	3/4" Hard Drawn Type K Copper Tube/Pipe	11.29	3.01
		For Medical/Oxygen Service Tubing, Add	*0.50*	
		For Up To 20, Add	*1.28*	
		For >150, Deduct	*-0.62*	
		For Work In Restricted Working Space, Add	*1.52*	
22 11 16 00-0390	LF	1" Hard Drawn Type K Copper Tube/Pipe	13.65	3.39
		For Medical/Oxygen Service Tubing, Add	*0.66*	
		For Up To 20, Add	*1.57*	
		For >150, Deduct	*-0.83*	
		For Work In Restricted Working Space, Add	*1.62*	
22 11 16 00-0391	LF	1-1/4" Hard Drawn Type K Copper Tube/Pipe	17.93	5.05
		For Medical/Oxygen Service Tubing, Add	*0.82*	
		For Up To 20, Add	*2.05*	
		For >150, Deduct	*-1.03*	
		For Work In Restricted Working Space, Add	*2.30*	
22 11 16 00-0392	LF	1-1/2" Hard Drawn Type K Copper Tube/Pipe	21.76	5.63
		For Medical/Oxygen Service Tubing, Add	*1.05*	
		For Up To 20, Add	*2.51*	
		For >150, Deduct	*-1.32*	
		For Work In Restricted Working Space, Add	*2.58*	
22 11 16 00-0393	LF	2" Hard Drawn Type K Copper Tube/Pipe	30.78	6.95
		For Medical/Oxygen Service Tubing, Add	*1.62*	
		For Up To 20, Add	*3.58*	
		For >150, Deduct	*-2.02*	
		For Work In Restricted Working Space, Add	*3.17*	
22 11 16 00-0394	LF	2-1/2" Hard Drawn Type K Copper Tube/Pipe	53.08	8.17
		For Medical/Oxygen Service Tubing, Add	*2.41*	
		For Up To 20, Add	*6.06*	
		For >150, Deduct	*-3.02*	
		For Work In Restricted Working Space, Add	*6.88*	
22 11 16 00-0395	LF	3" Hard Drawn Type K Copper Tube/Pipe	70.75	9.63
		For Medical/Oxygen Service Tubing, Add	*3.30*	
		For Up To 20, Add	*8.11*	
		For >150, Deduct	*-4.12*	
		For Work In Restricted Working Space, Add	*8.87*	
22 11 16 00-0396	LF	4" Hard Drawn Type K Copper Tube/Pipe	106.92	10.86
		For Medical/Oxygen Service Tubing, Add	*5.88*	
		For Up To 20, Add	*12.53*	
		For >150, Deduct	*-7.34*	
		For Work In Restricted Working Space, Add	*10.04*	
22 11 16 00-0397	LF	5" Hard Drawn Type K Copper Tube/Pipe	174.11	12.48
		For Medical/Oxygen Service Tubing, Add	*10.77*	
		For Up To 20, Add	*20.78*	
		For >150, Deduct	*-13.46*	
		For Work In Restricted Working Space, Add	*11.86*	
22 11 16 00-0398	LF	6" Hard Drawn Type K Copper Tube/Pipe	256.83	19.34
		For Medical/Oxygen Service Tubing, Add	*15.45*	
		For Up To 20, Add	*30.51*	
		For >150, Deduct	*-19.31*	
		For Work In Restricted Working Space, Add	*19.12*	
22 11 16 00-0399	LF	8" Hard Drawn Type K Copper Tube/Pipe	431.81	21.50
		For Medical/Oxygen Service Tubing, Add	*28.93*	
		For Up To 20, Add	*52.22*	
		For >150, Deduct	*-36.16*	
		For Work In Restricted Working Space, Add	*21.06*	
22 11 16 00-0400		**Hard Drawn Type M Copper Tube/Pipe** *(22 11 16 00-0369)*		
22 11 16 00-0401	LF	3/8" Hard Drawn Type M Copper Tube/Pipe	4.95	2.29
		For Up To 20, Add	*0.54*	
		For >150, Deduct	*-0.17*	
		For Work In Restricted Working Space, Add	*0.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0402	LF	1/2" Hard Drawn Type M Copper Tube/Pipe	5.26	2.39
		For Up To 20, Add	*0.57*	
		For >150, Deduct	*-0.19*	
		For Work In Restricted Working Space, Add	*1.02*	
22 11 16 00-0403	LF	3/4" Hard Drawn Type M Copper Tube/Pipe	6.65	2.53
		For Up To 20, Add	*0.74*	
		For >150, Deduct	*-0.30*	
		For Work In Restricted Working Space, Add	*1.09*	
22 11 16 00-0404	LF	1" Hard Drawn Type M Copper Tube/Pipe	8.70	2.84
		For Up To 20, Add	*0.99*	
		For >150, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*1.22*	
22 11 16 00-0405	LF	1-1/4" Hard Drawn Type M Copper Tube/Pipe	13.01	4.23
		For Up To 20, Add	*1.47*	
		For >150, Deduct	*-0.68*	
		For Work In Restricted Working Space, Add	*1.87*	
22 11 16 00-0406	LF	1-1/2" Hard Drawn Type M Copper Tube/Pipe	16.50	4.71
		For Up To 20, Add	*1.88*	
		For >150, Deduct	*-0.93*	
		For Work In Restricted Working Space, Add	*2.15*	
22 11 16 00-0407	LF	2" Hard Drawn Type M Copper Tube/Pipe	23.58	5.81
		For Up To 20, Add	*2.73*	
		For >150, Deduct	*-1.47*	
		For Work In Restricted Working Space, Add	*2.66*	
22 11 16 00-0408	LF	2-1/2" Hard Drawn Type M Copper Tube/Pipe	42.91	6.84
		For Up To 20, Add	*4.82*	
		For >150, Deduct	*-2.13*	
		For Work In Restricted Working Space, Add	*6.47*	
22 11 16 00-0409	LF	3" Hard Drawn Type M Copper Tube/Pipe	52.60	8.06
		For Up To 20, Add	*5.97*	
		For >150, Deduct	*-2.84*	
		For Work In Restricted Working Space, Add	*7.27*	
22 11 16 00-0410	LF	4" Hard Drawn Type M Copper Tube/Pipe	81.39	9.10
		For Up To 20, Add	*9.47*	
		For >150, Deduct	*-5.31*	
		For Work In Restricted Working Space, Add	*8.48*	
22 11 16 00-0411	LF	5" Hard Drawn Type M Copper Tube/Pipe	135.76	10.45
		For Up To 20, Add	*16.15*	
		For >150, Deduct	*-10.31*	
		For Work In Restricted Working Space, Add	*9.79*	
22 11 16 00-0412	LF	6" Hard Drawn Type M Copper Tube/Pipe	188.33	16.19
		For Up To 20, Add	*22.28*	
		For >150, Deduct	*-13.78*	
		For Work In Restricted Working Space, Add	*15.17*	
22 11 16 00-0413	LF	8" Hard Drawn Type M Copper Tube/Pipe	316.68	18.00
		For Up To 20, Add	*38.20*	
		For >150, Deduct	*-26.11*	
		For Work In Restricted Working Space, Add	*16.68*	
22 11 16 00-0414		Soft Drawn Type L Copper Tube *(22 11 16 00-0369)*		
22 11 16 00-0415	LF	1/4" Soft Drawn Type L Copper Tube	5.52	2.44
		For Up To 20, Add	*0.60*	
		For >150, Deduct	*-0.19*	
		For Work In Restricted Working Space, Add	*1.10*	
22 11 16 00-0416	LF	3/8" Soft Drawn Type L Copper Tube	6.72	2.54
		For Up To 20, Add	*0.74*	
		For >150, Deduct	*-0.29*	
		For Work In Restricted Working Space, Add	*1.14*	
22 11 16 00-0417	LF	1/2" Soft Drawn Type L Copper Tube	7.88	2.65
		For Up To 20, Add	*0.89*	
		For >150, Deduct	*-0.39*	
		For Work In Restricted Working Space, Add	*1.19*	
22 11 16 00-0418	LF	5/8" Soft Drawn Type L Copper Tube	9.10	2.73
		For Up To 20, Add	*1.04*	
		For >150, Deduct	*-0.50*	
		For Work In Restricted Working Space, Add	*1.23*	
22 11 16 00-0419	LF	3/4" Soft Drawn Type L Copper Tube	10.19	2.81
		For Up To 20, Add	*1.17*	
		For >150, Deduct	*-0.60*	
		For Work In Restricted Working Space, Add	*1.26*	
22 11 16 00-0420	LF	1" Soft Drawn Type L Copper Tube	13.01	3.15
		For Up To 20, Add	*1.51*	
		For >150, Deduct	*-0.83*	
		For Work In Restricted Working Space, Add	*1.42*	
22 11 16 00-0421	LF	1-1/4" Soft Drawn Type L Copper Tube	17.93	4.69
		For Up To 20, Add	*2.07*	
		For >150, Deduct	*-1.09*	
		For Work In Restricted Working Space, Add	*2.11*	
22 11 16 00-0422	LF	1-1/2" Soft Drawn Type L Copper Tube	22.63	5.24
		For Up To 20, Add	*2.63*	
		For >150, Deduct	*-1.48*	
		For Work In Restricted Working Space, Add	*2.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0423	LF	2" Soft Drawn Type L Copper Tube	33.18	6.47
		For Up To 20, Add	*3.91*	
		For >150, Deduct	*-2.35*	
		For Work In Restricted Working Space, Add	*2.90*	

22 11 16 00-0424 Soft Drawn Type K Copper Tube *(22 11 16 00-0369)*

22 11 16 00-0425	LF	1/4" Soft Drawn Type K Copper Tube	5.71	2.44
		For Up To 20, Add	*0.62*	
		For >150, Deduct	*-0.21*	
		For Work In Restricted Working Space, Add	*1.10*	
22 11 16 00-0426	LF	3/8" Soft Drawn Type K Copper Tube	7.33	2.54
		For Up To 20, Add	*0.82*	
		For >150, Deduct	*-0.35*	
		For Work In Restricted Working Space, Add	*1.14*	
22 11 16 00-0427	LF	1/2" Soft Drawn Type K Copper Tube	8.38	2.65
		For Up To 20, Add	*0.95*	
		For >150, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*1.19*	
22 11 16 00-0428	LF	5/8" Soft Drawn Type K Copper Tube	9.35	2.73
		For Up To 20, Add	*1.07*	
		For >150, Deduct	*-0.53*	
		For Work In Restricted Working Space, Add	*1.23*	
22 11 16 00-0429	LF	3/4" Soft Drawn Type K Copper Tube	12.37	2.81
		For Up To 20, Add	*1.44*	
		For >150, Deduct	*-0.82*	
		For Work In Restricted Working Space, Add	*1.26*	
22 11 16 00-0430	LF	1" Soft Drawn Type K Copper Tube	15.56	3.15
		For Up To 20, Add	*1.83*	
		For >150, Deduct	*-1.08*	
		For Work In Restricted Working Space, Add	*1.42*	
22 11 16 00-0431	LF	1-1/4" Soft Drawn Type K Copper Tube	19.79	4.69
		For Up To 20, Add	*2.30*	
		For >150, Deduct	*-1.28*	
		For Work In Restricted Working Space, Add	*2.11*	
22 11 16 00-0432	LF	1-1/2" Soft Drawn Type K Copper Tube	25.59	5.24
		For Up To 20, Add	*3.00*	
		For >150, Deduct	*-1.77*	
		For Work In Restricted Working Space, Add	*2.36*	
22 11 16 00-0433	LF	2" Soft Drawn Type K Copper Tube	37.25	6.47
		For Up To 20, Add	*4.41*	
		For >150, Deduct	*-2.76*	
		For Work In Restricted Working Space, Add	*2.90*	
22 11 16 00-0434	LF	2-1/2" Soft Drawn Type K Copper Tube	52.97	7.76
		For Up To 20, Add	*6.33*	
		For >150, Deduct	*-4.14*	
		For Work In Restricted Working Space, Add	*3.49*	
22 11 16 00-0435	LF	3" Soft Drawn Type K Copper Tube	71.24	9.15
		For Up To 20, Add	*8.56*	
		For >150, Deduct	*-5.75*	
		For Work In Restricted Working Space, Add	*4.11*	

22 11 16 00-0436 Copper And Brass Fittings *(22 11 16 00-0368)*

Note: All fittings are based on 95/5 solder.

22 11 16 00-0437 90 Degree Copper Elbows *(22 11 16 00-0436)*

22 11 16 00-0438	EA	1/4" 90 Degree Copper Elbow	25.47	14.47
		For Silver Solder Instead Of 95/5 Solder, Add	*3.44*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.36*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.25*	
		For Street Fitting, Add	*1.51*	
		For Work In Restricted Working Space, Add	*6.51*	
22 11 16 00-0439	EA	3/8" 90 Degree Copper Elbow	30.03	17.36
		For Silver Solder Instead Of 95/5 Solder, Add	*4.10*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.80*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.90*	
		For Street Fitting, Add	*1.60*	
		For Work In Restricted Working Space, Add	*7.81*	
22 11 16 00-0440	EA	1/2" 90 Degree Copper Elbow	37.09	23.86
		For Silver Solder Instead Of 95/5 Solder, Add	*5.43*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.64*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.37*	
		For Street Fitting, Add	*0.52*	
		For Work In Restricted Working Space, Add	*10.74*	
22 11 16 00-0441	EA	3/4" 90 Degree Copper Elbow	47.38	29.72
		For Silver Solder Instead Of 95/5 Solder, Add	*6.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.59*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.67*	
		For Street Fitting, Add	*1.17*	
		For Work In Restricted Working Space, Add	*13.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0442	EA	1" 90 Degree Copper Elbow	60.28	35.47
		For Silver Solder Instead Of 95/5 Solder, Add	*8.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.67*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.97*	
		For Street Fitting, Add	*2.85*	
		For Work In Restricted Working Space, Add	*15.95*	
22 11 16 00-0443	EA	1-1/4" 90 Degree Copper Elbow	68.14	38.39
		For Silver Solder Instead Of 95/5 Solder, Add	*9.16*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.28*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.62*	
		For Street Fitting, Add	*4.26*	
		For Work In Restricted Working Space, Add	*17.24*	
22 11 16 00-0444	EA	1-1/2" 90 Degree Copper Elbow	79.57	41.98
		For Silver Solder Instead Of 95/5 Solder, Add	*10.27*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.44*	
		For Street Fitting, Add	*6.67*	
		For Work In Restricted Working Space, Add	*18.87*	
22 11 16 00-0445	EA	2" 90 Degree Copper Elbow	100.87	47.07
		For Silver Solder Instead Of 95/5 Solder, Add	*12.09*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.57*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.57*	
		For Street Fitting, Add	*12.15*	
		For Work In Restricted Working Space, Add	*21.15*	
22 11 16 00-0446	EA	2-1/2" 90 Degree Copper Elbow	127.01	47.94
		For Silver Solder Instead Of 95/5 Solder, Add	*13.54*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.95*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.79*	
		For Work In Restricted Working Space, Add	*21.57*	
22 11 16 00-0447	EA	3" 90 Degree Copper Elbow	163.59	57.33
		For Silver Solder Instead Of 95/5 Solder, Add	*16.77*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.88*	
		For Work In Restricted Working Space, Add	*25.77*	
22 11 16 00-0448	EA	4" 90 Degree Copper Elbow	310.38	81.31
		For Silver Solder Instead Of 95/5 Solder, Add	*27.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.61*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.28*	
		For Work In Restricted Working Space, Add	*36.56*	
22 11 16 00-0449	EA	5" 90 Degree Copper Elbow	956.61	111.27
		For Silver Solder Instead Of 95/5 Solder, Add	*64.51*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-56.17*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*25.02*	
		For Work In Restricted Working Space, Add	*50.04*	
22 11 16 00-0450	EA	6" 90 Degree Copper Elbow	1,295.60	161.91
		For Silver Solder Instead Of 95/5 Solder, Add	*89.05*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-76.92*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*36.41*	
		For Work In Restricted Working Space, Add	*72.81*	
22 11 16 00-0451	EA	8" 90 Degree Copper Elbow	4,218.77	215.84
		For Silver Solder Instead Of 95/5 Solder, Add	*243.30*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-227.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*48.54*	
		For Work In Restricted Working Space, Add	*97.08*	
22 11 16 00-0452		90 Degree Brass Elbows *(22 11 16 00-0436)*		
22 11 16 00-0453	EA	1/2" Drop Ear 90 Degree Brass Elbow	43.93	23.86
		For Silver Solder Instead Of 95/5 Solder, Add	*5.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.99*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.37*	
		For Work In Restricted Working Space, Add	*10.74*	
22 11 16 00-0454	EA	3/4" Drop Ear 90 Degree Brass Elbow	68.18	29.72
		For Silver Solder Instead Of 95/5 Solder, Add	*7.86*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.63*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.67*	
		For Work In Restricted Working Space, Add	*13.34*	
22 11 16 00-0455	EA	1/2" Flanged Sink 90 Degree Brass Elbow	50.62	23.86
		For Silver Solder Instead Of 95/5 Solder, Add	*6.11*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.32*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.37*	
		For Work In Restricted Working Space, Add	*10.74*	
22 11 16 00-0456	EA	3/8" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	38.20	17.36
		For Silver Solder Instead Of 95/5 Solder, Add	*4.51*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.21*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.90*	
		For Work In Restricted Working Space, Add	*7.81*	
22 11 16 00-0457	EA	1/2" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	44.50	23.86
		For Silver Solder Instead Of 95/5 Solder, Add	*5.80*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.37*	
		For Work In Restricted Working Space, Add	*10.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0458	EA	3/4" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	59.80	29.72
		For Silver Solder Instead Of 95/5 Solder, Add	*7.44*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.21*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.67*	
		For Work In Restricted Working Space, Add	*13.34*	
22 11 16 00-0459	EA	1" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	102.11	35.47
		For Silver Solder Instead Of 95/5 Solder, Add	*10.42*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.76*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.97*	
		For Work In Restricted Working Space, Add	*15.95*	
22 11 16 00-0460		**Reducing 90 Degree Copper Elbows** *(22 11 16 00-0436)*		
22 11 16 00-0461	EA	1/2" Reducing 90 Degree Copper Elbow	46.30	23.86
		For Silver Solder Instead Of 95/5 Solder, Add	*5.89*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.10*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.37*	
		For Work In Restricted Working Space, Add	*10.74*	
22 11 16 00-0462	EA	3/4" Reducing 90 Degree Copper Elbow	51.91	29.72
		For Silver Solder Instead Of 95/5 Solder, Add	*7.04*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.67*	
		For Work In Restricted Working Space, Add	*13.34*	
22 11 16 00-0463	EA	1" Reducing 90 Degree Copper Elbow	66.83	35.47
		For Silver Solder Instead Of 95/5 Solder, Add	*8.66*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.00*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.97*	
		For Work In Restricted Working Space, Add	*15.95*	
22 11 16 00-0464	EA	1-1/4" Reducing 90 Degree Copper Elbow	92.33	38.39
		For Silver Solder Instead Of 95/5 Solder, Add	*10.36*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.49*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.62*	
		For Work In Restricted Working Space, Add	*17.24*	
22 11 16 00-0465	EA	1-1/2" Reducing 90 Degree Copper Elbow	108.69	41.98
		For Silver Solder Instead Of 95/5 Solder, Add	*11.72*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.58*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.44*	
		For Work In Restricted Working Space, Add	*18.87*	
22 11 16 00-0466	EA	2" Reducing 90 Degree Copper Elbow	132.12	47.07
		For Silver Solder Instead Of 95/5 Solder, Add	*13.66*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.57*	
		For Work In Restricted Working Space, Add	*21.15*	
22 11 16 00-0467		**45 Degree Copper Elbows** *(22 11 16 00-0436)*		
22 11 16 00-0468	EA	1/4" 45 Degree Copper Elbow	28.75	14.47
		For Silver Solder Instead Of 95/5 Solder, Add	*3.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.52*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.25*	
		For Street Fitting, Add	*2.82*	
		For Work In Restricted Working Space, Add	*6.51*	
22 11 16 00-0469	EA	3/8" 45 Degree Copper Elbow	32.08	17.36
		For Silver Solder Instead Of 95/5 Solder, Add	*4.21*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.91*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.90*	
		For Street Fitting, Add	*2.42*	
		For Work In Restricted Working Space, Add	*7.81*	
22 11 16 00-0470	EA	1/2" 45 Degree Copper Elbow	38.17	23.86
		For Silver Solder Instead Of 95/5 Solder, Add	*5.49*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.37*	
		For Street Fitting, Add	*0.95*	
		For Work In Restricted Working Space, Add	*10.74*	
22 11 16 00-0471	EA	3/4" 45 Degree Copper Elbow	48.53	29.72
		For Silver Solder Instead Of 95/5 Solder, Add	*6.87*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.65*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.67*	
		For Street Fitting, Add	*1.63*	
		For Work In Restricted Working Space, Add	*13.34*	
22 11 16 00-0472	EA	1" 45 Degree Copper Elbow	63.30	35.47
		For Silver Solder Instead Of 95/5 Solder, Add	*8.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.97*	
		For Street Fitting, Add	*4.06*	
		For Work In Restricted Working Space, Add	*15.95*	
22 11 16 00-0473	EA	1-1/4" 45 Degree Copper Elbow	71.23	38.39
		For Silver Solder Instead Of 95/5 Solder, Add	*9.31*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.44*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.62*	
		For Street Fitting, Add	*5.50*	
		For Work In Restricted Working Space, Add	*17.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0474	EA	1-1/2" 45 Degree Copper Elbow	79.78	41.98
		For Silver Solder Instead Of 95/5 Solder, Add	*10.28*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.44*	
		For Street Fitting, Add	*6.75*	
		For Work In Restricted Working Space, Add	*18.87*	
22 11 16 00-0475	EA	2" 45 Degree Copper Elbow	98.64	47.07
		For Silver Solder Instead Of 95/5 Solder, Add	*11.98*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.46*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.57*	
		For Work In Restricted Working Space, Add	*21.15*	
22 11 16 00-0476	EA	2-1/2" 45 Degree Copper Elbow	126.34	47.94
		For Silver Solder Instead Of 95/5 Solder, Add	*13.51*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.91*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.79*	
		For Work In Restricted Working Space, Add	*21.57*	
22 11 16 00-0477	EA	3" 45 Degree Copper Elbow	166.66	57.33
		For Silver Solder Instead Of 95/5 Solder, Add	*16.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.63*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.88*	
		For Work In Restricted Working Space, Add	*25.77*	
22 11 16 00-0478	EA	4" 45 Degree Copper Elbow	294.07	81.31
		For Silver Solder Instead Of 95/5 Solder, Add	*26.89*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-20.80*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.28*	
		For Work In Restricted Working Space, Add	*36.56*	
22 11 16 00-0479	EA	5" 45 Degree Copper Elbow	833.76	111.27
		For Silver Solder Instead Of 95/5 Solder, Add	*58.37*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-50.03*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*25.02*	
		For Work In Restricted Working Space, Add	*50.04*	
22 11 16 00-0480	EA	6" 45 Degree Copper Elbow	1,293.81	161.91
		For Silver Solder Instead Of 95/5 Solder, Add	*88.96*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-76.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*36.41*	
		For Work In Restricted Working Space, Add	*72.81*	
22 11 16 00-0481	EA	8" 45 Degree Copper Elbow	3,895.18	215.84
		For Silver Solder Instead Of 95/5 Solder, Add	*227.12*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-210.94*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*48.54*	
		For Work In Restricted Working Space, Add	*97.08*	
22 11 16 00-0482		**Straight Copper And Brass Tees** *(22 11 16 00-0436)*		
22 11 16 00-0483	EA	1/4" Straight Copper Tee	40.46	21.69
		For Silver Solder Instead Of 95/5 Solder, Add	*5.28*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.65*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.88*	
		For Work In Restricted Working Space, Add	*9.76*	
22 11 16 00-0484	EA	3/8" Straight Copper Tee	45.42	26.03
		For Silver Solder Instead Of 95/5 Solder, Add	*6.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.22*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.86*	
		For Work In Restricted Working Space, Add	*11.72*	
22 11 16 00-0485	EA	1/2" Straight Copper Tee	56.46	36.22
		For Silver Solder Instead Of 95/5 Solder, Add	*8.25*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.13*	
		For Work In Restricted Working Space, Add	*16.27*	
22 11 16 00-0486	EA	3/4" Straight Copper Tee	72.57	44.90
		For Silver Solder Instead Of 95/5 Solder, Add	*10.35*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.99*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.09*	
		For Work In Restricted Working Space, Add	*20.17*	
22 11 16 00-0487	EA	1" Straight Copper Tee	96.28	53.58
		For Silver Solder Instead Of 95/5 Solder, Add	*12.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.04*	
		For Work In Restricted Working Space, Add	*24.08*	
22 11 16 00-0488	EA	1-1/4" Straight Copper Tee	109.08	57.91
		For Silver Solder Instead Of 95/5 Solder, Add	*14.13*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.79*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.01*	
		For Work In Restricted Working Space, Add	*26.03*	
22 11 16 00-0489	EA	1-1/2" Straight Copper Tee	128.13	62.90
		For Silver Solder Instead Of 95/5 Solder, Add	*15.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.15*	
		For Work In Restricted Working Space, Add	*28.31*	
22 11 16 00-0490	EA	2" Straight Copper Tee	159.97	70.93
		For Silver Solder Instead Of 95/5 Solder, Add	*18.63*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.94*	
		For Work In Restricted Working Space, Add	*31.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0491	EA	2-1/2" Straight Copper Tee	206.08	71.91
		For Silver Solder Instead Of 95/5 Solder, Add	*21.09*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.18*	
		For Work In Restricted Working Space, Add	*32.36*	
22 11 16 00-0492	EA	3" Straight Copper Tee	279.89	86.60
		For Silver Solder Instead Of 95/5 Solder, Add	*26.98*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-20.49*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.48*	
		For Work In Restricted Working Space, Add	*38.95*	
22 11 16 00-0493	EA	4" Straight Copper Tee	544.93	121.26
		For Silver Solder Instead Of 95/5 Solder, Add	*45.42*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-36.34*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*27.27*	
		For Work In Restricted Working Space, Add	*54.53*	
22 11 16 00-0494	EA	5" Straight Copper Tee	1,435.82	165.90
		For Silver Solder Instead Of 95/5 Solder, Add	*96.66*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-84.23*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*37.30*	
		For Work In Restricted Working Space, Add	*74.61*	
22 11 16 00-0495	EA	6" Straight Copper Tee	1,987.35	243.20
		For Silver Solder Instead Of 95/5 Solder, Add	*135.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-117.60*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*54.68*	
		For Work In Restricted Working Space, Add	*109.37*	
22 11 16 00-0496	EA	8" Straight Copper Tee	6,745.24	323.81
		For Silver Solder Instead Of 95/5 Solder, Add	*385.80*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-361.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*72.81*	
		For Work In Restricted Working Space, Add	*145.62*	
22 11 16 00-0497	EA	1/2" Cast Bronze Drop Ear Tee	67.95	36.22
		For Silver Solder Instead Of 95/5 Solder, Add	*8.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.13*	
		For Work In Restricted Working Space, Add	*16.27*	
22 11 16 00-0498		**Reducing Copper Tees** *(22 11 16 00-0436)*		
22 11 16 00-0499	EA	3/8" Reducing Copper Tee	47.30	23.10
		For Silver Solder Instead Of 95/5 Solder, Add	*5.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.10*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.21*	
		For Work In Restricted Working Space, Add	*10.41*	
22 11 16 00-0500	EA	1/2" Reducing Copper Tee	59.90	32.54
		For Silver Solder Instead Of 95/5 Solder, Add	*7.88*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.44*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.32*	
		For Work In Restricted Working Space, Add	*14.64*	
22 11 16 00-0501	EA	3/4" Reducing Copper Tee	68.55	41.98
		For Silver Solder Instead Of 95/5 Solder, Add	*9.72*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.57*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.44*	
		For Work In Restricted Working Space, Add	*18.87*	
22 11 16 00-0502	EA	1" Reducing Copper Tee	93.87	50.65
		For Silver Solder Instead Of 95/5 Solder, Add	*12.28*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.49*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.39*	
		For Work In Restricted Working Space, Add	*22.77*	
22 11 16 00-0503	EA	1-1/4" Reducing Copper Tee	109.67	54.99
		For Silver Solder Instead Of 95/5 Solder, Add	*13.73*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.60*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.36*	
		For Work In Restricted Working Space, Add	*24.73*	
22 11 16 00-0504	EA	1-1/2" Reducing Copper Tee	128.54	60.09
		For Silver Solder Instead Of 95/5 Solder, Add	*15.43*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.93*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.50*	
		For Work In Restricted Working Space, Add	*27.01*	
22 11 16 00-0505	EA	2" Reducing Copper Tee	156.56	67.24
		For Silver Solder Instead Of 95/5 Solder, Add	*17.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.87*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.13*	
		For Work In Restricted Working Space, Add	*30.26*	
22 11 16 00-0506	EA	2-1/2" Reducing Copper Tee	211.46	69.31
		For Silver Solder Instead Of 95/5 Solder, Add	*20.96*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.77*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.58*	
		For Work In Restricted Working Space, Add	*31.16*	
22 11 16 00-0507	EA	3" Reducing Copper Tee	296.54	79.90
		For Silver Solder Instead Of 95/5 Solder, Add	*26.81*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-20.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.98*	
		For Work In Restricted Working Space, Add	*35.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0508	EA	4" Reducing Copper Tee	519.77	98.58
		For Silver Solder Instead Of 95/5 Solder, Add	*40.77*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-33.38*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*22.17*	
		For Work In Restricted Working Space, Add	*44.35*	
22 11 16 00-0509		**Copper Couplings** *(22 11 16 00-0436)*		
22 11 16 00-0510	EA	1/4" Copper Coupling	22.45	14.47
		For Silver Solder Instead Of 95/5 Solder, Add	*3.29*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.21*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.25*	
		For Work In Restricted Working Space, Add	*6.51*	
22 11 16 00-0511	EA	3/8" Copper Coupling	27.04	17.36
		For Silver Solder Instead Of 95/5 Solder, Add	*3.96*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.65*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.90*	
		For Work In Restricted Working Space, Add	*7.81*	
22 11 16 00-0512	EA	1/2" Copper Coupling	36.62	23.86
		For Silver Solder Instead Of 95/5 Solder, Add	*5.41*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.62*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.37*	
		For Work In Restricted Working Space, Add	*10.74*	
22 11 16 00-0513	EA	3/4" Copper Coupling	46.15	29.72
		For Silver Solder Instead Of 95/5 Solder, Add	*6.75*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.67*	
		For Work In Restricted Working Space, Add	*13.34*	
22 11 16 00-0514	EA	1" Copper Coupling	56.50	35.47
		For Silver Solder Instead Of 95/5 Solder, Add	*8.14*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.48*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.97*	
		For Work In Restricted Working Space, Add	*15.95*	
22 11 16 00-0515	EA	1-1/4" Copper Coupling	63.38	38.39
		For Silver Solder Instead Of 95/5 Solder, Add	*8.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.04*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.62*	
		For Work In Restricted Working Space, Add	*17.24*	
22 11 16 00-0516	EA	1-1/2" Copper Coupling	70.71	41.98
		For Silver Solder Instead Of 95/5 Solder, Add	*9.83*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.68*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.44*	
		For Work In Restricted Working Space, Add	*18.87*	
22 11 16 00-0517	EA	2" Copper Coupling	83.49	46.64
		For Silver Solder Instead Of 95/5 Solder, Add	*11.22*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.57*	
		For Work In Restricted Working Space, Add	*21.15*	
22 11 16 00-0518	EA	2-1/2" Copper Coupling	92.62	45.34
		For Silver Solder Instead Of 95/5 Solder, Add	*11.42*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.03*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.19*	
		For Work In Restricted Working Space, Add	*20.38*	
22 11 16 00-0519	EA	3" Copper Coupling	115.52	54.93
		For Silver Solder Instead Of 95/5 Solder, Add	*13.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.87*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.29*	
		For Work In Restricted Working Space, Add	*24.57*	
22 11 16 00-0520	EA	4" Copper Coupling	183.94	73.91
		For Silver Solder Instead Of 95/5 Solder, Add	*20.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.69*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.48*	
		For Work In Restricted Working Space, Add	*32.96*	
22 11 16 00-0521	EA	5" Copper Coupling	304.20	134.83
		For Silver Solder Instead Of 95/5 Solder, Add	*30.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-22.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*22.47*	
		For Work In Restricted Working Space, Add	*44.95*	
22 11 16 00-0522	EA	6" Copper Coupling	474.86	146.52
		For Silver Solder Instead Of 95/5 Solder, Add	*45.72*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-34.73*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*32.96*	
		For Work In Restricted Working Space, Add	*65.92*	
22 11 16 00-0523	EA	8" Copper Coupling	1,118.62	194.27
		For Silver Solder Instead Of 95/5 Solder, Add	*85.10*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-70.51*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*43.75*	
		For Work In Restricted Working Space, Add	*87.50*	
22 11 16 00-0524		**Reducing Copper Couplings** *(22 11 16 00-0436)*		
22 11 16 00-0525	EA	3/8" Reducing Copper Coupling	23.35	14.43
		For Silver Solder Instead Of 95/5 Solder, Add	*3.34*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.25*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.25*	
		For Work In Restricted Working Space, Add	*6.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0526	EA	1/2" Reducing Copper Coupling	32.64	20.61
		For Silver Solder Instead Of 95/5 Solder, Add	*4.72*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.18*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.64*	
		For Work In Restricted Working Space, Add	*9.27*	
22 11 16 00-0527	EA	3/4" Reducing Copper Coupling	43.12	26.79
		For Silver Solder Instead Of 95/5 Solder, Add	*6.17*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.16*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.02*	
		For Work In Restricted Working Space, Add	*12.04*	
22 11 16 00-0528	EA	1" Reducing Copper Coupling	54.21	32.54
		For Silver Solder Instead Of 95/5 Solder, Add	*7.59*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.15*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.32*	
		For Work In Restricted Working Space, Add	*14.64*	
22 11 16 00-0529	EA	1-1/4" Reducing Copper Coupling	62.83	36.88
		For Silver Solder Instead Of 95/5 Solder, Add	*8.67*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.91*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.30*	
		For Work In Restricted Working Space, Add	*16.59*	
22 11 16 00-0530	EA	1-1/2" Reducing Copper Coupling	72.65	40.13
		For Silver Solder Instead Of 95/5 Solder, Add	*9.65*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.64*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.03*	
		For Work In Restricted Working Space, Add	*18.06*	
22 11 16 00-0531	EA	2" Reducing Copper Coupling	85.96	44.46
		For Silver Solder Instead Of 95/5 Solder, Add	*10.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.63*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.01*	
		For Work In Restricted Working Space, Add	*20.01*	
22 11 16 00-0532	EA	2-1/2" Reducing Copper Coupling	105.06	45.65
		For Silver Solder Instead Of 95/5 Solder, Add	*12.09*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.67*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.26*	
		For Work In Restricted Working Space, Add	*20.52*	
22 11 16 00-0533	EA	3" Reducing Copper Coupling	124.22	52.93
		For Silver Solder Instead Of 95/5 Solder, Add	*14.10*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.16*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.84*	
		For Work In Restricted Working Space, Add	*23.67*	
22 11 16 00-0534	EA	4" Reducing Copper Coupling	193.83	69.31
		For Silver Solder Instead Of 95/5 Solder, Add	*20.08*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.89*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.58*	
		For Work In Restricted Working Space, Add	*31.16*	
22 11 16 00-0535	EA	5" Reducing Copper Coupling	496.58	96.58
		For Silver Solder Instead Of 95/5 Solder, Add	*39.31*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-32.07*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.72*	
		For Work In Restricted Working Space, Add	*43.45*	
22 11 16 00-0536	EA	6" Reducing Copper Coupling	739.48	129.84
		For Silver Solder Instead Of 95/5 Solder, Add	*56.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-46.71*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*29.21*	
		For Work In Restricted Working Space, Add	*58.43*	
22 11 16 00-0537	EA	8" Reducing Copper Coupling	1,438.43	189.20
		For Silver Solder Instead Of 95/5 Solder, Add	*100.29*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-86.10*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*42.55*	
		For Work In Restricted Working Space, Add	*85.10*	
22 11 16 00-0538		Male Copper Adapters *(22 11 16 00-0436)*		
22 11 16 00-0539	EA	1/4" Male Copper Adapter	35.05	14.10
		For Silver Solder Instead Of 95/5 Solder, Add	*3.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.84*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.25*	
		For Work In Restricted Working Space, Add	*6.51*	
22 11 16 00-0540	EA	3/8" Male Copper Adapter	32.69	17.36
		For Silver Solder Instead Of 95/5 Solder, Add	*4.24*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.94*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.90*	
		For Work In Restricted Working Space, Add	*7.81*	
22 11 16 00-0541	EA	1/2" Male Copper Adapter	35.24	21.69
		For Silver Solder Instead Of 95/5 Solder, Add	*5.02*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.39*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.88*	
		For Work In Restricted Working Space, Add	*9.76*	
22 11 16 00-0542	EA	3/4" Male Copper Adapter	44.70	27.12
		For Silver Solder Instead Of 95/5 Solder, Add	*6.25*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.24*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.02*	
		For Work In Restricted Working Space, Add	*12.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0543	EA	1" Male Copper Adapter	58.27	31.45
		For Silver Solder Instead Of 95/5 Solder, Add	*7.58*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.25*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.00*	
		For Work In Restricted Working Space, Add	*13.99*	
22 11 16 00-0544	EA	1-1/4" Male Copper Adapter	71.15	35.79
		For Silver Solder Instead Of 95/5 Solder, Add	*8.98*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.27*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.13*	
		For Work In Restricted Working Space, Add	*16.27*	
22 11 16 00-0545	EA	1-1/2" Male Copper Adapter	81.62	41.21
		For Silver Solder Instead Of 95/5 Solder, Add	*10.26*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.17*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.27*	
		For Work In Restricted Working Space, Add	*18.55*	
22 11 16 00-0546	EA	2" Male Copper Adapter	112.69	52.60
		For Silver Solder Instead Of 95/5 Solder, Add	*13.55*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.59*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.88*	
		For Work In Restricted Working Space, Add	*23.75*	
22 11 16 00-0547	EA	2-1/2" Male Copper Adapter	200.52	68.33
		For Silver Solder Instead Of 95/5 Solder, Add	*20.22*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.29*	
		For Work In Restricted Working Space, Add	*30.58*	
22 11 16 00-0548	EA	3" Male Copper Adapter	266.33	91.14
		For Silver Solder Instead Of 95/5 Solder, Add	*26.90*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-20.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.37*	
		For Work In Restricted Working Space, Add	*40.75*	
22 11 16 00-0549	EA	4" Male Copper Adapter	400.48	127.85
		For Silver Solder Instead Of 95/5 Solder, Add	*39.20*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-29.61*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*28.77*	
		For Work In Restricted Working Space, Add	*57.53*	
22 11 16 00-0550		**Female Copper Adapters** *(22 11 16 00-0436)*		
22 11 16 00-0551	EA	1/4" Female Copper Adapter	30.22	14.10
		For Silver Solder Instead Of 95/5 Solder, Add	*3.68*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.60*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.25*	
		For Work In Restricted Working Space, Add	*6.51*	
22 11 16 00-0552	EA	3/8" Female Copper Adapter	34.96	17.36
		For Silver Solder Instead Of 95/5 Solder, Add	*4.35*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.05*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.90*	
		For Work In Restricted Working Space, Add	*7.81*	
22 11 16 00-0553	EA	1/2" Female Copper Adapter	36.86	21.69
		For Silver Solder Instead Of 95/5 Solder, Add	*5.10*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.88*	
		For Work In Restricted Working Space, Add	*9.76*	
22 11 16 00-0554	EA	3/4" Female Copper Adapter	46.03	27.12
		For Silver Solder Instead Of 95/5 Solder, Add	*6.31*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.02*	
		For Work In Restricted Working Space, Add	*12.04*	
22 11 16 00-0555	EA	1" Female Copper Adapter	60.14	31.45
		For Silver Solder Instead Of 95/5 Solder, Add	*7.67*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.34*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.00*	
		For Work In Restricted Working Space, Add	*13.99*	
22 11 16 00-0556	EA	1-1/4" Female Copper Adapter	74.03	35.79
		For Silver Solder Instead Of 95/5 Solder, Add	*9.12*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.41*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.13*	
		For Work In Restricted Working Space, Add	*16.27*	
22 11 16 00-0557	EA	1-1/2" Female Copper Adapter	92.82	41.21
		For Silver Solder Instead Of 95/5 Solder, Add	*10.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.73*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.27*	
		For Work In Restricted Working Space, Add	*18.55*	
22 11 16 00-0558	EA	2" Female Copper Adapter	121.22	52.60
		For Silver Solder Instead Of 95/5 Solder, Add	*13.98*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.02*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.88*	
		For Work In Restricted Working Space, Add	*23.75*	
22 11 16 00-0559	EA	2-1/2" Female Copper Adapter	232.97	62.92
		For Silver Solder Instead Of 95/5 Solder, Add	*21.04*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.34*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.08*	
		For Work In Restricted Working Space, Add	*28.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0560	EA	3" Female Copper Adapter	370.14	91.14
		For Silver Solder Instead Of 95/5 Solder, Add	*32.09*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-25.30*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.37*	
		For Work In Restricted Working Space, Add	*40.75*	
22 11 16 00-0561		**Wrot Copper, Solder Union** *(22 11 16 00-0436)*		
22 11 16 00-0562	EA	1/4" Wrot Copper, Solder Union	46.17	17.36
		For Silver Solder Instead Of 95/5 Solder, Add	*4.91*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.61*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.90*	
		For Work In Restricted Working Space, Add	*7.81*	
22 11 16 00-0563	EA	3/8" Wrot Copper, Solder Union	52.20	20.93
		For Silver Solder Instead Of 95/5 Solder, Add	*5.76*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.18*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.72*	
		For Work In Restricted Working Space, Add	*9.44*	
22 11 16 00-0564	EA	1/2" Wrot Copper, Solder Union	51.87	26.03
		For Silver Solder Instead Of 95/5 Solder, Add	*6.50*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.55*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.86*	
		For Work In Restricted Working Space, Add	*11.72*	
22 11 16 00-0565	EA	3/4" Wrot Copper, Solder Union	60.23	29.72
		For Silver Solder Instead Of 95/5 Solder, Add	*7.46*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.23*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.67*	
		For Work In Restricted Working Space, Add	*13.34*	
22 11 16 00-0566	EA	1" Wrot Copper, Solder Union	80.25	35.47
		For Silver Solder Instead Of 95/5 Solder, Add	*9.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.67*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.97*	
		For Work In Restricted Working Space, Add	*15.95*	
22 11 16 00-0567	EA	1-1/4" Wrot Copper, Solder Union	97.82	39.05
		For Silver Solder Instead Of 95/5 Solder, Add	*10.75*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.79*	
		For Work In Restricted Working Space, Add	*17.57*	
22 11 16 00-0568	EA	1-1/2" Wrot Copper, Solder Union	120.41	43.39
		For Silver Solder Instead Of 95/5 Solder, Add	*12.53*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.27*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.76*	
		For Work In Restricted Working Space, Add	*19.52*	
22 11 16 00-0569	EA	2" Wrot Copper, Solder Union	172.42	52.06
		For Silver Solder Instead Of 95/5 Solder, Add	*16.43*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.71*	
		For Work In Restricted Working Space, Add	*23.43*	
22 11 16 00-0570	EA	2-1/2" Wrot Copper, Solder Union	343.12	57.33
		For Silver Solder Instead Of 95/5 Solder, Add	*25.75*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.88*	
		For Work In Restricted Working Space, Add	*25.77*	
22 11 16 00-0571	EA	3" Wrot Copper, Solder Union	787.50	81.31
		For Silver Solder Instead Of 95/5 Solder, Add	*51.56*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-45.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.28*	
		For Work In Restricted Working Space, Add	*36.56*	
22 11 16 00-0572		**Cast Bronze, Solder Union** *(22 11 16 00-0436)*		
22 11 16 00-0573	EA	1/4" Cast Bronze, Solder Union	53.59	17.36
		For Silver Solder Instead Of 95/5 Solder, Add	*5.28*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.98*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.90*	
		For Work In Restricted Working Space, Add	*7.81*	
22 11 16 00-0574	EA	3/8" Cast Bronze, Solder Union	59.20	20.93
		For Silver Solder Instead Of 95/5 Solder, Add	*6.11*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.72*	
		For Work In Restricted Working Space, Add	*9.44*	
22 11 16 00-0575	EA	1/2" Cast Bronze, Solder Union	53.83	26.03
		For Silver Solder Instead Of 95/5 Solder, Add	*6.60*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.64*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.86*	
		For Work In Restricted Working Space, Add	*11.72*	
22 11 16 00-0576	EA	3/4" Cast Bronze, Solder Union	62.99	29.72
		For Silver Solder Instead Of 95/5 Solder, Add	*7.60*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.37*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.67*	
		For Work In Restricted Working Space, Add	*13.34*	
22 11 16 00-0577	EA	1" Cast Bronze, Solder Union	85.04	35.47
		For Silver Solder Instead Of 95/5 Solder, Add	*9.57*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.91*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.97*	
		For Work In Restricted Working Space, Add	*15.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0578	EA	1-1/4" Cast Bronze, Solder Union	110.90	39.05
		For Silver Solder Instead Of 95/5 Solder, Add	*11.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.79*	
		For Work In Restricted Working Space, Add	*17.57*	
22 11 16 00-0579	EA	1-1/2" Cast Bronze, Solder Union	134.06	43.39
		For Silver Solder Instead Of 95/5 Solder, Add	*13.21*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.96*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.76*	
		For Work In Restricted Working Space, Add	*19.52*	
22 11 16 00-0580	EA	2" Cast Bronze, Solder Union	195.65	52.06
		For Silver Solder Instead Of 95/5 Solder, Add	*17.59*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.69*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.71*	
		For Work In Restricted Working Space, Add	*23.43*	
22 11 16 00-0581	EA	2-1/2" Cast Bronze, Solder Union	343.11	57.33
		For Silver Solder Instead Of 95/5 Solder, Add	*25.74*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.88*	
		For Work In Restricted Working Space, Add	*25.77*	
22 11 16 00-0582	EA	3" Cast Bronze, Solder Union	787.50	81.31
		For Silver Solder Instead Of 95/5 Solder, Add	*51.56*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-45.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.28*	
		For Work In Restricted Working Space, Add	*36.56*	
22 11 16 00-0583		**Cast Bronze, Solder X Female Threaded Union** *(22 11 16 00-0436)*		
22 11 16 00-0584	EA	1/4" Cast Bronze, Solder X Female Threaded Union	63.62	17.36
		For Silver Solder Instead Of 95/5 Solder, Add	*5.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.48*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.90*	
		For Work In Restricted Working Space, Add	*7.81*	
22 11 16 00-0585	EA	3/8" Cast Bronze, Solder X Female Threaded Union	70.34	20.93
		For Silver Solder Instead Of 95/5 Solder, Add	*6.66*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.09*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.72*	
		For Work In Restricted Working Space, Add	*9.44*	
22 11 16 00-0586	EA	1/2" Cast Bronze, Solder X Female Threaded Union	69.94	26.03
		For Silver Solder Instead Of 95/5 Solder, Add	*7.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.86*	
		For Work In Restricted Working Space, Add	*11.72*	
22 11 16 00-0587	EA	3/4" Cast Bronze, Solder X Female Threaded Union	86.57	29.72
		For Silver Solder Instead Of 95/5 Solder, Add	*8.77*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.55*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.67*	
		For Work In Restricted Working Space, Add	*13.34*	
22 11 16 00-0588	EA	1" Cast Bronze, Solder X Female Threaded Union	140.74	35.47
		For Silver Solder Instead Of 95/5 Solder, Add	*12.35*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.69*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.97*	
		For Work In Restricted Working Space, Add	*15.95*	
22 11 16 00-0589	EA	1-1/4" Cast Bronze, Solder X Female Threaded Union	221.80	39.05
		For Silver Solder Instead Of 95/5 Solder, Add	*16.95*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.02*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.79*	
		For Work In Restricted Working Space, Add	*17.57*	
22 11 16 00-0590	EA	1-1/2" Cast Bronze, Solder X Female Threaded Union	271.88	43.39
		For Silver Solder Instead Of 95/5 Solder, Add	*20.10*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.85*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.76*	
		For Work In Restricted Working Space, Add	*19.52*	
22 11 16 00-0591	EA	2" Cast Bronze, Solder X Female Threaded Union	428.14	52.06
		For Silver Solder Instead Of 95/5 Solder, Add	*29.22*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-25.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.71*	
		For Work In Restricted Working Space, Add	*23.43*	
22 11 16 00-0592	EA	2-1/2" Cast Bronze, Solder X Female Threaded Union	749.47	57.33
		For Silver Solder Instead Of 95/5 Solder, Add	*46.06*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-41.77*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.88*	
		For Work In Restricted Working Space, Add	*25.77*	
22 11 16 00-0593		**Cast Bronze, Solder X Male Threaded Union** *(22 11 16 00-0436)*		
22 11 16 00-0594	EA	1/4" Cast Bronze, Solder X Male Threaded Union	54.66	17.36
		For Silver Solder Instead Of 95/5 Solder, Add	*5.34*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.03*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.90*	
		For Work In Restricted Working Space, Add	*7.81*	
22 11 16 00-0595	EA	3/8" Cast Bronze, Solder X Male Threaded Union	64.87	20.93
		For Silver Solder Instead Of 95/5 Solder, Add	*6.39*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.72*	
		For Work In Restricted Working Space, Add	*9.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0596	EA	1/2" Cast Bronze, Solder X Male Threaded Union	63.44	26.03
		For Silver Solder Instead Of 95/5 Solder, Add	*7.08*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.86*	
		For Work In Restricted Working Space, Add	*11.72*	
22 11 16 00-0597	EA	3/4" Cast Bronze, Solder X Male Threaded Union	81.06	29.72
		For Silver Solder Instead Of 95/5 Solder, Add	*8.50*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.28*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.67*	
		For Work In Restricted Working Space, Add	*13.34*	
22 11 16 00-0598	EA	1" Cast Bronze, Solder X Male Threaded Union	143.27	35.47
		For Silver Solder Instead Of 95/5 Solder, Add	*12.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.97*	
		For Work In Restricted Working Space, Add	*15.95*	
22 11 16 00-0599	EA	1-1/4" Cast Bronze, Solder X Male Threaded Union	170.35	39.05
		For Silver Solder Instead Of 95/5 Solder, Add	*14.37*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.79*	
		For Work In Restricted Working Space, Add	*17.57*	
22 11 16 00-0600	EA	1-1/2" Cast Bronze, Solder X Male Threaded Union	182.49	43.39
		For Silver Solder Instead Of 95/5 Solder, Add	*15.63*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.38*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.76*	
		For Work In Restricted Working Space, Add	*19.52*	
22 11 16 00-0601	EA	2" Cast Bronze, Solder X Male Threaded Union	258.44	52.06
		For Silver Solder Instead Of 95/5 Solder, Add	*20.73*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.71*	
		For Work In Restricted Working Space, Add	*23.43*	
22 11 16 00-0602	EA	2-1/2" Cast Bronze, Solder X Male Threaded Union	614.41	57.33
		For Silver Solder Instead Of 95/5 Solder, Add	*39.31*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-35.02*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.88*	
		For Work In Restricted Working Space, Add	*25.77*	
22 11 16 00-0603		**Copper Caps** *(22 11 16 00-0436)*		
22 11 16 00-0604	EA	1/4" Copper Cap	8.31	4.77
		For Silver Solder Instead Of 95/5 Solder, Add	*1.13*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.77*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.07*	
		For Work In Restricted Working Space, Add	*2.15*	
22 11 16 00-0605	EA	3/8" Copper Cap	10.43	5.64
		For Silver Solder Instead Of 95/5 Solder, Add	*1.38*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.95*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.29*	
		For Work In Restricted Working Space, Add	*2.58*	
22 11 16 00-0606	EA	1/2" Copper Cap	12.75	7.81
		For Silver Solder Instead Of 95/5 Solder, Add	*1.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.23*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.77*	
		For Work In Restricted Working Space, Add	*3.54*	
22 11 16 00-0607	EA	3/4" Copper Cap	16.44	9.65
		For Silver Solder Instead Of 95/5 Solder, Add	*2.29*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.56*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.20*	
		For Work In Restricted Working Space, Add	*4.40*	
22 11 16 00-0608	EA	1" Copper Cap	21.68	11.60
		For Silver Solder Instead Of 95/5 Solder, Add	*2.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.96*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.63*	
		For Work In Restricted Working Space, Add	*5.26*	
22 11 16 00-0609	EA	1-1/4" Copper Cap	24.51	12.47
		For Silver Solder Instead Of 95/5 Solder, Add	*3.12*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.17*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.85*	
		For Work In Restricted Working Space, Add	*5.69*	
22 11 16 00-0610	EA	1-1/2" Copper Cap	28.82	13.67
		For Silver Solder Instead Of 95/5 Solder, Add	*3.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.48*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.11*	
		For Work In Restricted Working Space, Add	*6.23*	
22 11 16 00-0611	EA	2" Copper Cap	36.33	14.18
		For Silver Solder Instead Of 95/5 Solder, Add	*3.96*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.89*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.21*	
		For Work In Restricted Working Space, Add	*6.43*	
22 11 16 00-0612	EA	2-1/2" Copper Cap	66.45	16.58
		For Silver Solder Instead Of 95/5 Solder, Add	*5.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.58*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.78*	
		For Work In Restricted Working Space, Add	*7.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0613	EA	3" Copper Cap	91.34	21.28
		For Silver Solder Instead Of 95/5 Solder, Add	*7.79*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.18*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.83*	
		For Work In Restricted Working Space, Add	*9.66*	
22 11 16 00-0614	EA	4" Copper Cap	160.33	32.16
		For Silver Solder Instead Of 95/5 Solder, Add	*12.89*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.31*	
		For Work In Restricted Working Space, Add	*14.62*	
22 11 16 00-0615	EA	5" Cast Bronze Cap	859.49	49.54
		For Silver Solder Instead Of 95/5 Solder, Add	*50.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-46.73*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.26*	
		For Work In Restricted Working Space, Add	*22.52*	
22 11 16 00-0616	EA	6" Cast Bronze Cap	1,672.07	72.11
		For Silver Solder Instead Of 95/5 Solder, Add	*94.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-89.06*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.38*	
		For Work In Restricted Working Space, Add	*32.76*	
22 11 16 00-0617	EA	8" Cast Bronze Cap	2,129.13	96.08
		For Silver Solder Instead Of 95/5 Solder, Add	*121.02*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-113.74*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.84*	
		For Work In Restricted Working Space, Add	*43.69*	
22 11 16 00-0618		**Copper Crosses** *(22 11 16 00-0436)*		
22 11 16 00-0619	EA	1/2" Copper Cross	80.77	43.94
		For Silver Solder Instead Of 95/5 Solder, Add	*10.63*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.33*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.89*	
		For Work In Restricted Working Space, Add	*19.78*	
22 11 16 00-0620	EA	3/4" Copper Cross	110.76	54.64
		For Silver Solder Instead Of 95/5 Solder, Add	*13.73*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.63*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.29*	
		For Work In Restricted Working Space, Add	*24.57*	
22 11 16 00-0621	EA	1" Copper Cross	146.91	65.22
		For Silver Solder Instead Of 95/5 Solder, Add	*17.13*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.24*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.68*	
		For Work In Restricted Working Space, Add	*29.36*	
22 11 16 00-0622	EA	1-1/4" Copper Cross	176.34	70.61
		For Silver Solder Instead Of 95/5 Solder, Add	*19.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.88*	
		For Work In Restricted Working Space, Add	*31.76*	
22 11 16 00-0623	EA	1-1/2" Copper Cross	216.30	77.20
		For Silver Solder Instead Of 95/5 Solder, Add	*22.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.61*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.38*	
		For Work In Restricted Working Space, Add	*34.76*	
22 11 16 00-0624	EA	2" Copper Cross	319.60	86.60
		For Silver Solder Instead Of 95/5 Solder, Add	*28.96*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-22.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.48*	
		For Work In Restricted Working Space, Add	*38.95*	
22 11 16 00-0625	EA	2-1/2" Copper Cross	581.22	95.88
		For Silver Solder Instead Of 95/5 Solder, Add	*43.44*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-36.25*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.57*	
		For Work In Restricted Working Space, Add	*43.15*	
22 11 16 00-0626		**Cast Bronze Crosses** *(22 11 16 00-0436)*		
22 11 16 00-0627	EA	3/8" Cast Bronze Cross	67.74	31.96
		For Silver Solder Instead Of 95/5 Solder, Add	*8.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.19*	
		For Work In Restricted Working Space, Add	*14.38*	
22 11 16 00-0628	EA	1/2" Cast Bronze Cross	83.74	43.94
		For Silver Solder Instead Of 95/5 Solder, Add	*10.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.48*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.89*	
		For Work In Restricted Working Space, Add	*19.78*	
22 11 16 00-0629	EA	3/4" Cast Bronze Cross	116.53	54.64
		For Silver Solder Instead Of 95/5 Solder, Add	*14.02*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.92*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.29*	
		For Work In Restricted Working Space, Add	*24.57*	
22 11 16 00-0630	EA	1" Cast Bronze Cross	156.70	65.22
		For Silver Solder Instead Of 95/5 Solder, Add	*17.62*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.73*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.68*	
		For Work In Restricted Working Space, Add	*29.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0631	EA	1-1/4" Cast Bronze Cross	190.43	70.61
		For Silver Solder Instead Of 95/5 Solder, Add	*20.11*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.88*	
		For Work In Restricted Working Space, Add	*31.76*	
22 11 16 00-0632	EA	1-1/2" Cast Bronze Cross	236.39	77.20
		For Silver Solder Instead Of 95/5 Solder, Add	*23.41*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.61*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.38*	
		For Work In Restricted Working Space, Add	*34.76*	
22 11 16 00-0633	EA	2" Cast Bronze Cross	340.41	86.60
		For Silver Solder Instead Of 95/5 Solder, Add	*30.00*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-23.51*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.48*	
		For Work In Restricted Working Space, Add	*38.95*	
22 11 16 00-0634	EA	2-1/2" Cast Bronze Cross	668.70	95.88
		For Silver Solder Instead Of 95/5 Solder, Add	*47.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-40.63*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.57*	
		For Work In Restricted Working Space, Add	*43.15*	

22 11 16 00-0635 Flexible Corrugated Copper Supply Line *(22 11 16 00-0436)*

22 11 16 00-0636	EA	3/4" Threaded x 3/4" Solder x 18" Long, Flexible Corrugated Copper Supply Line	92.20	29.72
22 11 16 00-0637	EA	3/4" Threaded x 3/4" Solder x 24" Long, Flexible Corrugated Copper Supply Line	97.94	29.72
22 11 16 00-0638	EA	3/4" Threaded x 3/4" Threaded x 12" Long, Flexible Corrugated Copper Supply Line	81.86	29.72
22 11 16 00-0639	EA	3/4" Threaded x 3/4" Threaded x 15" Long, Flexible Corrugated Copper Supply Line	88.37	29.72
22 11 16 00-0640	EA	3/4" Threaded x 3/4" Threaded x 18" Long, Flexible Corrugated Copper Supply Line	94.11	29.72
22 11 16 00-0641	EA	3/4" Threaded x 3/4" Threaded x 24" Long, Flexible Corrugated Copper Supply Line	97.94	29.72

22 11 16 00-0642 Crimped Copper Fittings *(22 11 16 00-0368)*

Note: Viega ProPress type. Includes factory installed ethylene propylene diene monomer (EPDM) sealing elements.

22 11 16 00-0643 Crimped Copper 90 Degree Elbows *(22 11 16 00-0642)*

22 11 16 00-0644	EA	1/2" Crimped Copper 90 Degree Elbow	24.81	13.02
22 11 16 00-0645	EA	3/4" Crimped Copper 90 Degree Elbow	31.20	14.86
22 11 16 00-0646	EA	1" Crimped Copper 90 Degree Elbow	44.54	17.68
22 11 16 00-0647	EA	1-1/4" Crimped Copper 90 Degree Elbow	65.56	19.52
22 11 16 00-0648	EA	1-1/2" Crimped Copper 90 Degree Elbow	101.23	21.69
22 11 16 00-0649	EA	2" Crimped Copper 90 Degree Elbow	134.51	26.03
22 11 16 00-0650	EA	2-1/2" Crimped Copper 90 Degree Elbow	322.84	30.37
22 11 16 00-0651	EA	3" Crimped Copper 90 Degree Elbow	403.09	36.11
22 11 16 00-0652	EA	4" Crimped Copper 90 Degree Elbow	503.20	47.72

22 11 16 00-0653 Crimped Copper 45 Degree Elbows *(22 11 16 00-0642)*

22 11 16 00-0654	EA	1/2" Crimped Copper 45 Degree Elbow	25.68	13.02
22 11 16 00-0655	EA	3/4" Crimped Copper 45 Degree Elbow	29.80	14.86
22 11 16 00-0656	EA	1" Crimped Copper 45 Degree Elbow	50.88	17.68
22 11 16 00-0657	EA	1-1/4" Crimped Copper 45 Degree Elbow	64.15	19.52
22 11 16 00-0658	EA	1-1/2" Crimped Copper 45 Degree Elbow	89.08	21.69
22 11 16 00-0659	EA	2" Crimped Copper 45 Degree Elbow	118.14	26.03
22 11 16 00-0660	EA	2-1/2" Crimped Copper 45 Degree Elbow	228.72	30.37
22 11 16 00-0661	EA	3" Crimped Copper 45 Degree Elbow	315.93	36.11
22 11 16 00-0662	EA	4" Crimped Copper 45 Degree Elbow	435.02	47.72

22 11 16 00-0663 Crimped Copper Straight Tees *(22 11 16 00-0642)*

22 11 16 00-0664	EA	1/2" Crimped Copper Straight Tee	37.38	19.52
22 11 16 00-0665	EA	3/4" Crimped Copper Straight Tee	52.76	25.71
22 11 16 00-0666	EA	1" Crimped Copper Straight Tee	68.56	28.53
22 11 16 00-0667	EA	1-1/4" Crimped Copper Straight Tee	87.42	29.28
22 11 16 00-0668	EA	1-1/2" Crimped Copper Straight Tee	134.43	33.29
22 11 16 00-0669	EA	2" Crimped Copper Straight Tee	163.00	39.05
22 11 16 00-0670	EA	2-1/2" Crimped Copper Straight Tee	410.92	45.55
22 11 16 00-0671	EA	3" Crimped Copper Straight Tee	509.57	54.23
22 11 16 00-0672	EA	4" Crimped Copper Straight Tee	708.25	71.58

22 11 16 00-0673 Crimped Copper Reducing Tees *(22 11 16 00-0642)*

22 11 16 00-0674	EA	3/4" Crimped Copper Reducing Tee	49.88	18.55
22 11 16 00-0675	EA	1" Crimped Copper Reducing Tee	75.66	24.40
22 11 16 00-0676	EA	1-1/4" Crimped Copper Reducing Tee	80.47	27.12
22 11 16 00-0677	EA	1-1/2" Crimped Copper Reducing Tee	116.79	27.87
22 11 16 00-0678	EA	2" Crimped Copper Reducing Tee	142.33	31.56
22 11 16 00-0679	EA	2-1/2" Crimped Copper Reducing Tee	456.67	35.79
22 11 16 00-0680	EA	3" Crimped Copper Reducing Tee	557.75	43.39
22 11 16 00-0681	EA	4" Crimped Copper Reducing Tee	647.28	57.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0682		**Crimped Copper Couplings** *(22 11 16 00-0642)*		
22 11 16 00-0683	EA	1/2" Crimped Copper Coupling	24.28	13.02
22 11 16 00-0684	EA	3/4" Crimped Copper Coupling	29.45	14.86
22 11 16 00-0685	EA	1" Crimped Copper Coupling	41.18	17.68
22 11 16 00-0686	EA	1-1/4" Crimped Copper Coupling	47.43	19.52
22 11 16 00-0687	EA	1-1/2" Crimped Copper Coupling	66.35	21.69
22 11 16 00-0688	EA	2" Crimped Copper Coupling	82.20	26.03
22 11 16 00-0689	EA	2-1/2" Crimped Copper Coupling	183.65	30.37
22 11 16 00-0690	EA	3" Crimped Copper Coupling	230.11	36.11
22 11 16 00-0691	EA	4" Crimped Copper Coupling	315.80	47.72
22 11 16 00-0692		**Crimped Copper Reducing Couplings** *(22 11 16 00-0642)*		
22 11 16 00-0693	EA	3/4" Crimped Copper Reducing Coupling	40.22	12.36
22 11 16 00-0694	EA	1" Crimped Copper Reducing Coupling	45.98	14.10
22 11 16 00-0695	EA	1-1/4" Crimped Copper Reducing Coupling	61.39	16.81
22 11 16 00-0696	EA	1-1/2" Crimped Copper Reducing Coupling	81.05	18.55
22 11 16 00-0697	EA	2" Crimped Copper Reducing Coupling	90.79	20.61
22 11 16 00-0698	EA	2-1/2" Crimped Copper FTG x C Reducing Coupling	200.02	24.62
22 11 16 00-0699	EA	3" Crimped Copper FTG x C Reducing Coupling	251.48	28.96
22 11 16 00-0700	EA	4" Crimped Copper FTG x C Reducing Coupling	325.95	38.29
22 11 16 00-0701		**Crimped Copper Male Adapters** *(22 11 16 00-0642)*		
22 11 16 00-0702	EA	1/2" Crimped Copper Male Adapter	25.34	13.02
22 11 16 00-0703	EA	3/4" Crimped Copper Male Adapter	32.79	14.86
22 11 16 00-0704	EA	1" Crimped Copper Male Adapter	45.94	17.68
22 11 16 00-0705	EA	1-1/4" Crimped Copper Male Adapter	71.72	19.52
22 11 16 00-0706	EA	1-1/2" Crimped Copper Male Adapter	92.07	21.69
22 11 16 00-0707	EA	2" Crimped Copper Male Adapter	153.70	26.03
22 11 16 00-0708	EA	2-1/2" Crimped Copper Male Adapter	322.84	30.37
22 11 16 00-0709	EA	3" Crimped Copper Male Adapter	403.09	36.11
22 11 16 00-0710	EA	4" Crimped Copper Male Adapter	475.40	47.72
22 11 16 00-0711		**Crimped Copper Female Adapters** *(22 11 16 00-0642)*		
22 11 16 00-0712	EA	1/2" Crimped Copper Female Adapter	26.56	13.02
22 11 16 00-0713	EA	3/4" Crimped Copper Female Adapter	33.69	14.86
22 11 16 00-0714	EA	1" Crimped Copper Female Adapter	47.71	17.68
22 11 16 00-0715	EA	1-1/4" Crimped Copper Female Adapter	77.01	19.52
22 11 16 00-0716	EA	1-1/2" Crimped Copper Female Adapter	101.94	21.69
22 11 16 00-0717	EA	2" Crimped Copper Female Adapter	156.87	26.03
22 11 16 00-0718		**Crimped Copper Caps** *(22 11 16 00-0642)*		
22 11 16 00-0719	EA	1/2" Crimped Copper Cap	19.97	6.51
22 11 16 00-0720	EA	3/4" Crimped Copper Cap	28.63	7.60
22 11 16 00-0721	EA	1" Crimped Copper Cap	39.61	8.67
22 11 16 00-0722	EA	1-1/4" Crimped Copper Cap	44.75	9.76
22 11 16 00-0723	EA	1-1/2" Crimped Copper Cap	63.48	11.17
22 11 16 00-0724	EA	2" Crimped Copper Cap	76.22	13.02
22 11 16 00-0725	EA	2-1/2" Crimped Copper Cap	204.09	15.18
22 11 16 00-0726	EA	3" Crimped Copper Cap	256.59	18.11
22 11 16 00-0727	EA	4" Crimped Copper Cap	341.57	23.86
22 11 16 00-0728		**C x F NPT Crimped Bronze Unions** *(22 11 16 00-0642)*		
22 11 16 00-0729	EA	1/2" C x F NPT Crimped Bronze Union	56.52	17.68
22 11 16 00-0730	EA	3/4" C x F NPT Crimped Bronze Union	71.04	21.80
22 11 16 00-0731	EA	1" C x F NPT Crimped Bronze Union	102.93	26.14
22 11 16 00-0732	EA	1-1/4" C x F NPT Crimped Bronze Union	126.00	30.15
22 11 16 00-0733	EA	1-1/2" C x F NPT Crimped Bronze Union	171.07	29.50
22 11 16 00-0734	EA	2" C x F NPT Crimped Bronze Union	232.01	42.73
22 11 16 00-0735		**C x C Crimped Bronze Unions** *(22 11 16 00-0642)*		
22 11 16 00-0736	EA	1/2" C x C Bronze Crimped Union	56.85	13.02
22 11 16 00-0737	EA	3/4" C x C Bronze Crimped Union	71.18	14.86
22 11 16 00-0738	EA	1" C x C Bronze Crimped Union	104.76	17.68
22 11 16 00-0739	EA	1-1/4" C x C Bronze Crimped Union	140.94	19.52
22 11 16 00-0740	EA	1-1/2" C x C Bronze Crimped Union	184.18	21.69
22 11 16 00-0741	EA	2" C x C Bronze Crimped Union	286.68	26.03
22 11 16 00-0742		**C x Flange Crimped Bronze Flange** *(22 11 16 00-0642)*		
22 11 16 00-0743	EA	2-1/2" C x Flange Crimped Bronze Flange	575.76	30.37
22 11 16 00-0744	EA	3" C x Flange Crimped Bronze Flange	624.91	36.11
22 11 16 00-0745	EA	4" C x Flange Crimped Bronze Flange	710.44	47.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0746		**Field Installed FKM Seals** *(22 11 16 00-0642)*		
		Note: For vacuum systems. Includes removing factory installed ethylene propylene diene monomer (EPDM) seal and installing FKM seal.		
22 11 16 00-0747	EA	1/2" Field Installed FKM Seal	7.87	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0748	EA	3/4" Field Installed FKM Seal	10.27	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0749	EA	1" Field Installed FKM Seal	11.80	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0750	EA	1-1/4" Field Installed FKM Seal	13.67	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0751	EA	1-1/2" Field Installed FKM Seal	20.38	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0752	EA	2" Field Installed FKM Seal	22.43	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0753	EA	2-1/2" Field Installed FKM Seal	35.51	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0754	EA	3" Field Installed FKM Seal	40.50	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0755	EA	4" Field Installed FKM Seal	55.57	
		Note: To be used in conjunction with fittings.		
22 11 16 00-0756		**Cut And Prepare Existing In-Place Copper Pipe** *(22 11 16 00-0368)*		
22 11 16 00-0757	EA	Up To 1/2", Cut And Prepare Existing In Place Copper Pipe	10.85	
22 11 16 00-0758	EA	3/4", Cut And Prepare Existing In Place Copper Pipe	11.72	
22 11 16 00-0759	EA	1", Cut And Prepare Existing In Place Copper Pipe	13.18	
22 11 16 00-0760	EA	1-1/4", Cut And Prepare Existing In Place Copper Pipe	13.83	
22 11 16 00-0761	EA	1-1/2", Cut And Prepare Existing In Place Copper Pipe	14.64	
22 11 16 00-0762	EA	2", Cut And Prepare Existing In Place Copper Pipe	16.11	
22 11 16 00-0763	EA	2-1/2", Cut And Prepare Existing In Place Copper Pipe	17.36	
22 11 16 00-0764	EA	3", Cut And Prepare Existing In Place Copper Pipe	20.50	
22 11 16 00-0765	EA	4", Cut And Prepare Existing In Place Copper Pipe	27.65	
22 11 16 00-0766	EA	6", Cut And Prepare Existing In Place Copper Pipe	39.53	
22 11 16 00-0767	EA	8", Cut And Prepare Existing In Place Copper Pipe	52.70	
22 11 16 00-0768		**Sweat Brass Companion Flanges** *(22 11 16 00-0368)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
22 11 16 00-0769	EA	1" Sweat Brass Companion Flange	65.94	16.68
22 11 16 00-0770	EA	1-1/4" Sweat Brass Companion Flange	71.95	18.37
22 11 16 00-0771	EA	1-1/2" Sweat Brass Companion Flange	104.13	19.98
22 11 16 00-0772	EA	2" Sweat Brass Companion Flange	140.27	22.17
22 11 16 00-0773	EA	2-1/2" Sweat Brass Companion Flange	167.26	26.67
22 11 16 00-0774	EA	3" Sweat Brass Companion Flange	184.20	34.95
22 11 16 00-0775	EA	4" Sweat Brass Companion Flange	246.28	41.65
22 11 16 00-0776	EA	5" Sweat Brass Companion Flange	464.64	50.37
22 11 16 00-0777	EA	6" Sweat Brass Companion Flange	535.24	73.19
22 11 16 00-0778	EA	8" Copper Companion Flange	1,236.87	104.40
22 11 16 00-0779		**Brass Compression Fittings** *(22 11 16 00-0368)*		
22 11 16 00-0780		**Brass Compression Unions** *(22 11 16 00-0779)*		
22 11 16 00-0781	EA	1/4" Brass Compression Union	18.85	11.72
22 11 16 00-0782	EA	3/8" Brass Compression Union	19.19	11.72
22 11 16 00-0783	EA	1/2" Brass Compression Union	20.24	11.72
22 11 16 00-0784	EA	5/8" Brass Compression Union	20.73	11.72
22 11 16 00-0785	EA	3/4" Brass Compression Union	28.03	11.72
22 11 16 00-0786	EA	3/8" x 1/4" Brass Compression Union	19.43	11.72
22 11 16 00-0787	EA	1/2" x 3/8" Brass Compression Union	20.32	11.72
22 11 16 00-0788	EA	5/8" x 3/8" Brass Compression Union	20.94	11.72
22 11 16 00-0789	EA	5/8" x 1/2" Brass Compression Union	21.93	11.72
22 11 16 00-0790		**Brass Compression Union Elbows** *(22 11 16 00-0779)*		
22 11 16 00-0791	EA	1/4" Brass Compression Union Elbow	20.24	11.72
22 11 16 00-0792	EA	3/8" Brass Compression Union Elbow	20.80	11.72
22 11 16 00-0793	EA	1/2" Brass Compression Union Elbow	22.04	11.72
22 11 16 00-0794	EA	5/8" Brass Compression Union Elbow	23.97	11.72
22 11 16 00-0795	EA	3/4" Brass Compression Union Elbow	31.47	11.72
22 11 16 00-0796	EA	3/8" x 1/4" Brass Compression Union Elbow	20.80	11.72
22 11 16 00-0797	EA	1/2" x 3/8" Brass Compression Union Elbow	22.04	11.72
22 11 16 00-0798	EA	5/8" x 3/8" Brass Compression Union Elbow	22.38	11.72
22 11 16 00-0799	EA	5/8" x 1/2" Brass Compression Union Elbow	28.03	11.72
22 11 16 00-0800		**Brass Compression Union Tees** *(22 11 16 00-0779)*		
22 11 16 00-0801	EA	1/4" Brass Compression Union Tee	20.66	11.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0802	EA	3/8" Brass Compression Union Tee	21.83	11.72
22 11 16 00-0803	EA	1/2" Brass Compression Union Tee	23.07	11.72
22 11 16 00-0804	EA	5/8" Brass Compression Union Tee	26.99	11.72
22 11 16 00-0805	EA	3/4" Brass Compression Union Tee	40.55	11.72
22 11 16 00-0806	EA	3/8" x 3/8" x 1/4" Brass Compression Union Tee	22.66	11.72
22 11 16 00-0807	EA	1/2" x 1/2" x 3/8" Brass Compression Union Tee	29.02	11.72
22 11 16 00-0808	EA	5/8" x 5/8" x 3/8" Brass Compression Union Tee	28.41	11.72
22 11 16 00-0809	EA	5/8" x 5/8" x 1/2" Brass Compression Union Tee	29.13	11.72
22 11 16 00-0810		Brass Compression Male Connectors *(22 11 16 00-0779)*		
22 11 16 00-0811	EA	1/4" Brass Compression Male Connector	18.60	11.72
22 11 16 00-0812	EA	3/8" Brass Compression Male Connector	19.05	11.72
22 11 16 00-0813	EA	1/2" Brass Compression Male Connector	19.84	11.72
22 11 16 00-0814	EA	5/8" Brass Compression Male Connector	21.01	11.72
22 11 16 00-0815	EA	3/4" Brass Compression Male Connector	24.88	11.60
22 11 16 00-0816		Brass Compression Female Connectors *(22 11 16 00-0779)*		
22 11 16 00-0817	EA	1/4" Brass Compression Female Connector	19.10	11.72
22 11 16 00-0818	EA	3/8" Brass Compression Female Connector	19.68	11.72
22 11 16 00-0819	EA	1/2" Brass Compression Female Connector	20.68	11.72
22 11 16 00-0820	EA	5/8" Brass Compression Female Connector	21.42	11.72
22 11 16 00-0821	EA	3/4" Brass Compression Female Connector	32.22	11.49
22 11 16 00-0822		Dielectric Fittings *(22 11 16 00-0368)*		
22 11 16 00-0823		Copper x Female Iron Pipe Thread Dielectric Unions *(22 11 16 00-0822)*		
22 11 16 00-0824	EA	1/2" Copper x Female Iron Pipe Thread Dielectric Union	46.35	26.03
22 11 16 00-0825	EA	3/4" Copper x Female Iron Pipe Thread Dielectric Union	51.76	29.72
22 11 16 00-0826	EA	1" Copper x Female Iron Pipe Thread Dielectric Union	61.64	32.67
22 11 16 00-0827	EA	1-1/4" Copper x Female Iron Pipe Thread Dielectric Union	74.74	35.96
22 11 16 00-0828	EA	1-1/2" Copper x Female Iron Pipe Thread Dielectric Union	90.43	39.95
22 11 16 00-0829	EA	2" Copper x Female Iron Pipe Thread Dielectric Union	114.90	47.94
22 11 16 00-0830		Female Brass Thread x Iron Pipe Thread Dielectric Unions *(22 11 16 00-0822)*		
22 11 16 00-0831	EA	1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union	50.96	26.03
22 11 16 00-0832	EA	3/4" Female Brass Thread x Iron Pipe Thread Dielectric Union	59.35	29.72
22 11 16 00-0833	EA	1" Female Brass Thread x Iron Pipe Thread Dielectric Union	71.65	32.67
22 11 16 00-0834	EA	1-1/4" Female Brass Thread x Iron Pipe Thread Dielectric Union	88.02	35.96
22 11 16 00-0835	EA	1-1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union	106.86	39.95
22 11 16 00-0836	EA	2" Female Brass Thread x Iron Pipe Thread Dielectric Union	134.17	47.94
22 11 16 00-0837		Female Iron Pipe Thread x Iron Pipe Thread Dielectric Unions *(22 11 16 00-0822)*		
22 11 16 00-0838	EA	1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	48.04	26.03
22 11 16 00-0839	EA	3/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	54.53	29.72
22 11 16 00-0840	EA	1" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	62.37	32.67
22 11 16 00-0841	EA	1-1/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	72.17	35.96
22 11 16 00-0842	EA	1-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	87.89	39.95
22 11 16 00-0843	EA	2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	112.86	47.94
22 11 16 00-0844		Copper x Female Iron Pipe Thread Dielectric Flanges *(22 11 16 00-0822)*		
22 11 16 00-0845	EA	2-1/2" Copper x Female Iron Pipe Thread Dielectric Flange	279.63	123.25
22 11 16 00-0846	EA	3" Copper x Female Iron Pipe Thread Dielectric Flange	350.06	155.21
22 11 16 00-0847	EA	4" Copper x Female Iron Pipe Thread Dielectric Flange	493.67	211.24
22 11 16 00-0848		Copper x Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flanges *(22 11 16 00-0822)*		
22 11 16 00-0849	EA	2-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	281.54	123.25
22 11 16 00-0850	EA	3" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	365.17	155.21
22 11 16 00-0851	EA	4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	668.03	211.24
22 11 16 00-0852		Brass Push-Fit Fittings *(22 11 16)*		
22 11 16 00-0853	EA	1/4" x 1/4" Brass Push-Fit Coupling Note: (Sharkbite)	24.08	10.85
22 11 16 00-0854	EA	3/8" x 3/8" Brass Push-Fit Coupling Note: (Sharkbite)	30.20	11.57
22 11 16 00-0855	EA	1/2" x 1/2" Brass Push-Fit Coupling Note: (Sharkbite)	31.13	13.02
22 11 16 00-0856	EA	5/8" x 5/8" Brass Push-Fit Coupling Note: (Sharkbite)	36.00	13.88
22 11 16 00-0857	EA	3/4" x 3/4" Brass Push-Fit Coupling Note: (Sharkbite)	36.59	14.83
22 11 16 00-0858	EA	1" x 1" Brass Push-Fit Coupling Note: (Sharkbite)	51.95	17.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0859	EA	1/2" x 3/8" Brass Push-Fit Reducing Coupling Note: (Sharkbite)	30.66	12.29
22 11 16 00-0860	EA	3/4" x 5/8" Brass Push-Fit Reducing Coupling Note: (Sharkbite)	35.63	13.45
22 11 16 00-0861	EA	1" x 3/4" Brass Push-Fit Reducing Coupling Note: (Sharkbite)	53.68	16.27
22 11 16 00-0862	EA	1/4" x 1/4" Brass Push-Fit Elbow Note: (Sharkbite)	25.21	10.85
22 11 16 00-0863	EA	3/8" x 3/8" Brass Push-Fit Elbow Note: (Sharkbite)	35.01	11.57
22 11 16 00-0864	EA	1/2" x 1/2" Brass Push-Fit Elbow Note: (Sharkbite)	31.75	13.02
22 11 16 00-0865	EA	5/8" x 5/8" Brass Push-Fit Elbow Note: (Sharkbite)	38.80	13.88
22 11 16 00-0866	EA	3/4" x 3/4" Brass Push-Fit Elbow Note: (Sharkbite)	35.79	14.83
22 11 16 00-0867	EA	1" x 1" Brass Push-Fit Elbow Note: (Sharkbite)	52.56	17.71
22 11 16 00-0868	EA	1/2" x 3/8" Brass Push-Fit Reducing Elbow Note: (Sharkbite)	30.14	12.29
22 11 16 00-0869	EA	3/4" x 1/2" Brass Push-Fit Reducing Elbow Note: (Sharkbite)	33.64	13.45
22 11 16 00-0870	EA	1" x 3/4" Brass Push-Fit Reducing Elbow Note: (Sharkbite)	67.45	16.27
22 11 16 00-0871	EA	1/4" x 1/4" x 1/4" Brass Push-Fit Tee Note: (Sharkbite)	38.27	16.27
22 11 16 00-0872	EA	3/8" x 3/8" x 3/8" Brass Push-Fit Tee Note: (Sharkbite)	49.00	17.36
22 11 16 00-0873	EA	1/2" x 1/2" x 1/2" Brass Push-Fit Tee Note: (Sharkbite)	44.28	19.52
22 11 16 00-0874	EA	5/8" x 5/8" x 5/8" Brass Push-Fit Tee Note: (Sharkbite)	57.03	20.82
22 11 16 00-0875	EA	3/4" x 3/4" x 3/4" Brass Push-Fit Tee Note: (Sharkbite)	51.74	22.23
22 11 16 00-0876	EA	1" x 1" x 1" Brass Push-Fit Tee Note: (Sharkbite)	71.36	26.57
22 11 16 00-0877	EA	1/2" x 1/2" x 1/4" Brass Push-Fit Reducing Tee Note: (Sharkbite)	50.25	18.43
22 11 16 00-0878	EA	1/2" x 1/2" x 3/8" Brass Push-Fit Reducing Tee Note: (Sharkbite)	50.49	18.80
22 11 16 00-0879	EA	3/4" x 3/4" x 1/2" Brass Push-Fit Reducing Tee Note: (Sharkbite)	49.97	21.34
22 11 16 00-0880	EA	1" x 1" x 3/4" Brass Push-Fit Reducing Tee Note: (Sharkbite)	69.33	25.13
22 11 16 00-0881	EA	1/4" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	28.82	11.93
22 11 16 00-0882	EA	3/8" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	28.40	12.29
22 11 16 00-0883	EA	1/2" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	27.92	13.02
22 11 16 00-0884	EA	3/4" x 3/4" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	31.99	14.83
22 11 16 00-0885	EA	1" x 1" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	45.47	17.71
22 11 16 00-0886	EA	1/4" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	24.96	11.93
22 11 16 00-0887	EA	3/8" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	28.40	12.29
22 11 16 00-0888	EA	1/2" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	28.01	13.02
22 11 16 00-0889	EA	3/4" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	31.64	14.83
22 11 16 00-0890	EA	5/8" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	34.68	14.34
22 11 16 00-0891	EA	1" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	41.76	16.27
22 11 16 00-0892	EA	1" x 1" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	46.19	17.71
22 11 16 00-0893	EA	1/2" Brass Push-Fit Ball Valve Note: (Sharkbite)	41.28	13.02
22 11 16 00-0894	EA	3/4" Brass Push-Fit Ball Valve Note: (Sharkbite)	48.33	14.83
22 11 16 00-0895	EA	1" Brass Push-Fit Ball Valve Note: (Sharkbite)	64.15	17.71
22 11 16 00-0896	EA	1/2" Brass Push-Fit Check Valve Note: (Sharkbite)	44.38	13.02
22 11 16 00-0897	EA	3/4" Brass Push-Fit Check Valve Note: (Sharkbite)	53.57	14.83
22 11 16 00-0898	EA	1" Brass Push-Fit Check Valve Note: (Sharkbite)	91.40	17.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0899		**Copper Pipe Assemblies** *(22 11 16)* Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available.		
22 11 16 00-0900	LF	1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	21.80	3.03
		For Type K Tubing Instead Of Type L, Add	*1.52*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.26*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.79*	
		For For Brazed Fittings, Add	*0.68*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.94*	
		For Work In Restricted Working Space, Add	*5.09*	
22 11 16 00-0901	LF	3/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	25.41	3.91
		For Type K Tubing Instead Of Type L, Add	*1.85*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.51*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.19*	
		For For Brazed Fittings, Add	*0.77*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.23*	
		For Work In Restricted Working Space, Add	*5.77*	
22 11 16 00-0902	LF	1" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	28.33	4.66
		For Type K Tubing Instead Of Type L, Add	*2.23*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.79*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.43*	
		For For Brazed Fittings, Add	*0.81*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.42*	
		For Work In Restricted Working Space, Add	*6.05*	
22 11 16 00-0903	LF	1-1/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	32.29	5.42
		For Type K Tubing Instead Of Type L, Add	*2.82*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.20*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.71*	
		For For Brazed Fittings, Add	*0.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.66*	
		For Work In Restricted Working Space, Add	*6.28*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-1.14*	
22 11 16 00-0904	LF	1-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	36.24	6.19
		For Type K Tubing Instead Of Type L, Add	*3.32*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.56*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.04*	
		For For Brazed Fittings, Add	*0.89*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.93*	
		For Work In Restricted Working Space, Add	*6.70*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-1.39*	
22 11 16 00-0905	LF	2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	46.38	7.70
		For Type K Tubing Instead Of Type L, Add	*4.64*	
		For Type M Tubing Instead Of Type L, Deduct	*-3.51*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.89*	
		For For Brazed Fittings, Add	*1.03*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.60*	
		For Work In Restricted Working Space, Add	*7.71*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-2.07*	
22 11 16 00-0906	LF	2-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	57.75	9.29
		For Type K Tubing Instead Of Type L, Add	*6.37*	
		For Type M Tubing Instead Of Type L, Deduct	*-4.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.64*	
		For For Brazed Fittings, Add	*1.10*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.27*	
		For Work In Restricted Working Space, Add	*8.27*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-3.02*	
22 11 16 00-0907	LF	3" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	71.04	10.78
		For Type K Tubing Instead Of Type L, Add	*8.38*	
		For Type M Tubing Instead Of Type L, Deduct	*-6.14*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.54*	
		For For Brazed Fittings, Add	*1.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.04*	
		For Work In Restricted Working Space, Add	*8.95*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-4.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0908	LF	4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	112.51	14.28
		For Type K Tubing Instead Of Type L, Add	*14.44*	
		For Type M Tubing Instead Of Type L, Deduct	*-10.41*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.48*	
		For For Brazed Fittings, Add	*1.54*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.56*	
		For Work In Restricted Working Space, Add	*11.58*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-7.39*	
22 11 16 00-0909	LF	5" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	203.52	17.78
		For Type K Tubing Instead Of Type L, Add	*28.84*	
		For Type M Tubing Instead Of Type L, Deduct	*-20.46*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.13*	
		For For Brazed Fittings, Add	*1.98*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.65*	
		For Work In Restricted Working Space, Add	*14.86*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-15.40*	
22 11 16 00-0910	LF	6" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	266.35	21.48
		For Type K Tubing Instead Of Type L, Add	*37.99*	
		For Type M Tubing Instead Of Type L, Deduct	*-26.93*	
		For Silver Solder Instead Of 95/5 Solder, Add	*19.61*	
		For For Brazed Fittings, Add	*2.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.46*	
		For Work In Restricted Working Space, Add	*18.88*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-20.34*	
22 11 16 00-0911	LF	8" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	587.47	25.67
		For Type K Tubing Instead Of Type L, Add	*91.95*	
		For Type M Tubing Instead Of Type L, Deduct	*-64.24*	
		For Silver Solder Instead Of 95/5 Solder, Add	*37.19*	
		For For Brazed Fittings, Add	*3.13*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-33.28*	
		For Work In Restricted Working Space, Add	*23.46*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-50.93*	

22 11 16 00-0912 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16)*

Note: Socket weld.

22 11 16 00-0913 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16 00-0912)*

22 11 16 00-0914 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe *(22 11 16 00-0913)*

22 11 16 00-0915	LF	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	7.65	1.60
		For Work In Restricted Working Space, Add	*1.19*	
22 11 16 00-0916	LF	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	9.19	1.67
		For Work In Restricted Working Space, Add	*1.26*	
22 11 16 00-0917	LF	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	11.85	1.80
		For Work In Restricted Working Space, Add	*1.36*	
22 11 16 00-0918	LF	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	15.07	1.97
		For Work In Restricted Working Space, Add	*1.48*	
22 11 16 00-0919	LF	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	17.71	2.18
		For Work In Restricted Working Space, Add	*1.64*	
22 11 16 00-0920	LF	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	23.08	2.44
		For Work In Restricted Working Space, Add	*1.83*	
22 11 16 00-0921	LF	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	32.91	2.76
		For Work In Restricted Working Space, Add	*2.08*	
22 11 16 00-0922	LF	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	42.90	3.28
		For Work In Restricted Working Space, Add	*2.45*	
22 11 16 00-0923	LF	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	60.98	4.02
		For Work In Restricted Working Space, Add	*3.02*	
22 11 16 00-0924	LF	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	111.28	5.11
		For Work In Restricted Working Space, Add	*3.84*	
22 11 16 00-0925	LF	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	162.06	6.71
		For Work In Restricted Working Space, Add	*5.03*	

22 11 16 00-0926 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows *(22 11 16 00-0913)*

22 11 16 00-0927	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	24.69	7.59
		For Work In Restricted Working Space, Add	*5.69*	
22 11 16 00-0928	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	32.85	9.58
		For Work In Restricted Working Space, Add	*7.19*	
22 11 16 00-0929	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	44.10	11.98
		For Work In Restricted Working Space, Add	*9.02*	
22 11 16 00-0930	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	64.59	14.98
		For Work In Restricted Working Space, Add	*11.27*	
22 11 16 00-0931	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	72.07	16.58
		For Work In Restricted Working Space, Add	*12.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0932	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	87.50	16.58
		For Work In Restricted Working Space, Add	*13.90*	
22 11 16 00-0933	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	159.93	21.07
		For Work In Restricted Working Space, Add	*15.82*	
22 11 16 00-0934	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	178.81	24.97
		For Work In Restricted Working Space, Add	*18.70*	
22 11 16 00-0935	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	270.97	30.66
		For Work In Restricted Working Space, Add	*23.01*	
22 11 16 00-0936	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	340.98	38.95
		For Work In Restricted Working Space, Add	*29.24*	
22 11 16 00-0937	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	723.79	51.14
		For Work In Restricted Working Space, Add	*38.36*	

22 11 16 00-0938 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows *(22 11 16 00-0913)*

22 11 16 00-0939	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	27.54	7.59
		For Work In Restricted Working Space, Add	*5.69*	
22 11 16 00-0940	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	36.27	9.58
		For Work In Restricted Working Space, Add	*7.19*	
22 11 16 00-0941	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	49.65	11.98
		For Work In Restricted Working Space, Add	*9.02*	
22 11 16 00-0942	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	71.89	14.98
		For Work In Restricted Working Space, Add	*11.27*	
22 11 16 00-0943	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	80.95	16.58
		For Work In Restricted Working Space, Add	*12.46*	
22 11 16 00-0944	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	90.51	18.58
		For Work In Restricted Working Space, Add	*13.90*	
22 11 16 00-0945	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	161.83	21.07
		For Work In Restricted Working Space, Add	*15.82*	
22 11 16 00-0946	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	178.57	24.97
		For Work In Restricted Working Space, Add	*18.70*	
22 11 16 00-0947	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	236.17	30.66
		For Work In Restricted Working Space, Add	*23.01*	
22 11 16 00-0948	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	406.23	38.95
		For Work In Restricted Working Space, Add	*29.24*	
22 11 16 00-0949	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	770.02	51.14
		For Work In Restricted Working Space, Add	*38.36*	

22 11 16 00-0950 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees *(22 11 16 00-0913)*

22 11 16 00-0951	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	38.85	11.39
		For Work In Restricted Working Space, Add	*8.54*	
22 11 16 00-0952	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	52.54	14.38
		For Work In Restricted Working Space, Add	*10.79*	
22 11 16 00-0953	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	65.52	18.08
		For Work In Restricted Working Space, Add	*13.54*	
22 11 16 00-0954	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	99.30	22.58
		For Work In Restricted Working Space, Add	*16.90*	
22 11 16 00-0955	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	111.57	24.97
		For Work In Restricted Working Space, Add	*18.70*	
22 11 16 00-0956	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	142.96	27.77
		For Work In Restricted Working Space, Add	*20.85*	
22 11 16 00-0957	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	199.77	31.66
		For Work In Restricted Working Space, Add	*23.73*	
22 11 16 00-0958	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	224.77	37.35
		For Work In Restricted Working Space, Add	*28.05*	
22 11 16 00-0959	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	270.15	46.04
		For Work In Restricted Working Space, Add	*34.52*	
22 11 16 00-0960	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	449.27	58.53
		For Work In Restricted Working Space, Add	*43.87*	
22 11 16 00-0961	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	1,059.35	76.71
		For Work In Restricted Working Space, Add	*57.53*	

22 11 16 00-0962 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Crosses *(22 11 16 00-0913)*

22 11 16 00-0963	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	46.91	15.18
		For Work In Restricted Working Space, Add	*11.39*	
22 11 16 00-0964	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	62.22	19.18
		For Work In Restricted Working Space, Add	*14.38*	
22 11 16 00-0965	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	77.69	24.07
		For Work In Restricted Working Space, Add	*18.04*	
22 11 16 00-0966	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	112.13	30.06
		For Work In Restricted Working Space, Add	*22.53*	
22 11 16 00-0967	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	125.52	33.26
		For Work In Restricted Working Space, Add	*24.93*	
22 11 16 00-0968	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	155.95	37.06
		For Work In Restricted Working Space, Add	*27.80*	
22 11 16 00-0969	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	209.40	42.15
		For Work In Restricted Working Space, Add	*31.64*	
22 11 16 00-0970	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	237.72	49.84
		For Work In Restricted Working Space, Add	*37.39*	
22 11 16 00-0971	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	287.00	61.33
		For Work In Restricted Working Space, Add	*46.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0972	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	455.98	78.01
		For Work In Restricted Working Space, Add	*58.49*	
22 11 16 00-0973	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	1,002.96	102.28
		For Work In Restricted Working Space, Add	*76.71*	

22 11 16 00-0974 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld Reducing Inserts *(22 11 16 00-0913)*

22 11 16 00-0975	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	20.99	6.99
		For Work In Restricted Working Space, Add	*5.27*	
22 11 16 00-0976	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	30.33	9.48
		For Work In Restricted Working Space, Add	*7.10*	
22 11 16 00-0977	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	61.41	12.39
		For Work In Restricted Working Space, Add	*9.29*	
22 11 16 00-0978	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	70.18	13.69
		For Work In Restricted Working Space, Add	*10.28*	
22 11 16 00-0979	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	85.43	15.28
		For Work In Restricted Working Space, Add	*11.48*	
22 11 16 00-0980	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	90.73	17.38
		For Work In Restricted Working Space, Add	*13.07*	
22 11 16 00-0981	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	111.86	20.57
		For Work In Restricted Working Space, Add	*15.43*	
22 11 16 00-0982	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	160.14	25.27
		For Work In Restricted Working Space, Add	*19.00*	
22 11 16 00-0983	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	286.64	32.16
		For Work In Restricted Working Space, Add	*24.12*	
22 11 16 00-0984	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	725.99	42.15
		For Work In Restricted Working Space, Add	*31.64*	

22 11 16 00-0985 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Thread Reducing Inserts *(22 11 16 00-0913)*

22 11 16 00-0986	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	34.85	4.99
		For Work In Restricted Working Space, Add	*3.75*	
22 11 16 00-0987	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	41.68	6.99
		For Work In Restricted Working Space, Add	*5.27*	
22 11 16 00-0988	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	49.52	9.48
		For Work In Restricted Working Space, Add	*7.10*	
22 11 16 00-0989	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	59.75	12.39
		For Work In Restricted Working Space, Add	*9.29*	
22 11 16 00-0990	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	72.64	13.69
		For Work In Restricted Working Space, Add	*10.28*	
22 11 16 00-0991	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	97.64	15.28
		For Work In Restricted Working Space, Add	*11.48*	
22 11 16 00-0992	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	170.50	17.38
		For Work In Restricted Working Space, Add	*13.07*	
22 11 16 00-0993	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	383.03	20.57
		For Work In Restricted Working Space, Add	*15.43*	
22 11 16 00-0994	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	585.92	25.27
		For Work In Restricted Working Space, Add	*19.00*	

22 11 16 00-0995 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters *(22 11 16 00-0913)*

22 11 16 00-0996	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	21.05	4.99
		For Work In Restricted Working Space, Add	*3.75*	
22 11 16 00-0997	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	29.16	6.99
		For Work In Restricted Working Space, Add	*5.27*	
22 11 16 00-0998	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	43.18	9.48
		For Work In Restricted Working Space, Add	*7.10*	
22 11 16 00-0999	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	59.75	12.39
		For Work In Restricted Working Space, Add	*9.29*	
22 11 16 00-1000	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	73.20	13.69
		For Work In Restricted Working Space, Add	*10.28*	
22 11 16 00-1001	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	90.90	15.28
		For Work In Restricted Working Space, Add	*11.48*	
22 11 16 00-1002	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	143.22	17.38
		For Work In Restricted Working Space, Add	*13.07*	
22 11 16 00-1003	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	171.96	20.57
		For Work In Restricted Working Space, Add	*15.43*	
22 11 16 00-1004	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	267.09	25.27
		For Work In Restricted Working Space, Add	*19.00*	

22 11 16 00-1005 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters *(22 11 16 00-0913)*

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22 11 16 00-1006	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	24.31	4.99
		For Work In Restricted Working Space, Add	*3.75*	
22 11 16 00-1007	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	30.19	6.99
		For Work In Restricted Working Space, Add	*5.27*	
22 11 16 00-1008	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	43.45	9.48
		For Work In Restricted Working Space, Add	*7.10*	
22 11 16 00-1009	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	60.70	12.39
		For Work In Restricted Working Space, Add	*9.29*	
22 11 16 00-1010	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	68.83	13.69
		For Work In Restricted Working Space, Add	*10.28*	
22 11 16 00-1011	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	87.33	15.28
		For Work In Restricted Working Space, Add	*11.48*	
22 11 16 00-1012	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	145.28	17.38
		For Work In Restricted Working Space, Add	*13.07*	
22 11 16 00-1013	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	207.96	20.57
		For Work In Restricted Working Space, Add	*15.43*	
22 11 16 00-1014	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	328.30	25.27
		For Work In Restricted Working Space, Add	*19.00*	
22 11 16 00-1015		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings** *(22 11 16 00-0913)*		
22 11 16 00-1016	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	18.69	4.60
		For Work In Restricted Working Space, Add	*3.42*	
22 11 16 00-1017	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	26.29	6.39
		For Work In Restricted Working Space, Add	*4.79*	
22 11 16 00-1018	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	35.36	8.59
		For Work In Restricted Working Space, Add	*6.44*	
22 11 16 00-1019	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	48.87	11.29
		For Work In Restricted Working Space, Add	*8.45*	
22 11 16 00-1020	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	57.25	12.49
		For Work In Restricted Working Space, Add	*9.35*	
22 11 16 00-1021	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	65.05	13.88
		For Work In Restricted Working Space, Add	*10.43*	
22 11 16 00-1022	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	112.18	15.78
		For Work In Restricted Working Space, Add	*11.87*	
22 11 16 00-1023	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	120.10	18.68
		For Work In Restricted Working Space, Add	*14.03*	
22 11 16 00-1024	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	153.63	22.97
		For Work In Restricted Working Space, Add	*17.26*	
22 11 16 00-1025	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	262.70	29.27
		For Work In Restricted Working Space, Add	*21.93*	
22 11 16 00-1026	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	480.04	38.35
		For Work In Restricted Working Space, Add	*28.76*	
22 11 16 00-1027		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions** *(22 11 16 00-0913)*		
22 11 16 00-1028	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	44.77	5.49
		For Work In Restricted Working Space, Add	*4.11*	
22 11 16 00-1029	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	51.77	7.69
		For Work In Restricted Working Space, Add	*5.75*	
22 11 16 00-1030	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	59.39	10.29
		For Work In Restricted Working Space, Add	*7.73*	
22 11 16 00-1031	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	112.82	13.49
		For Work In Restricted Working Space, Add	*10.13*	
22 11 16 00-1032	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	117.83	14.98
		For Work In Restricted Working Space, Add	*11.21*	
22 11 16 00-1033	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	175.27	16.68
		For Work In Restricted Working Space, Add	*12.53*	
22 11 16 00-1034	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	324.32	18.98
		For Work In Restricted Working Space, Add	*14.23*	
22 11 16 00-1035	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	474.55	22.48
		For Work In Restricted Working Space, Add	*16.84*	
22 11 16 00-1036	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	780.33	27.57
		For Work In Restricted Working Space, Add	*20.71*	
22 11 16 00-1037	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	1,048.37	35.05
		For Work In Restricted Working Space, Add	*26.31*	
22 11 16 00-1038	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	1,288.54	46.04
		For Work In Restricted Working Space, Add	*34.52*	
22 11 16 00-1039		**Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Caps** *(22 11 16 00-0913)*		
22 11 16 00-1040	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	18.63	4.70
		For Work In Restricted Working Space, Add	*2.14*	
22 11 16 00-1041	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	25.32	5.90
		For Work In Restricted Working Space, Add	*2.70*	
22 11 16 00-1042	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	40.14	7.39
		For Work In Restricted Working Space, Add	*3.38*	
22 11 16 00-1043	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	45.72	5.59
		For Work In Restricted Working Space, Add	*4.22*	
22 11 16 00-1044	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	47.86	6.19
		For Work In Restricted Working Space, Add	*4.67*	
22 11 16 00-1045	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	69.34	6.99
		For Work In Restricted Working Space, Add	*5.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1046	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	113.33	7.89
		For Work In Restricted Working Space, Add	*5.93*	
22 11 16 00-1047	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	119.08	9.39
		For Work In Restricted Working Space, Add	*7.01*	
22 11 16 00-1048	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	190.19	11.49
		For Work In Restricted Working Space, Add	*8.63*	
22 11 16 00-1049	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	438.24	14.58
		For Work In Restricted Working Space, Add	*10.97*	
22 11 16 00-1050	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	563.72	19.18
		For Work In Restricted Working Space, Add	*14.38*	
22 11 16 00-1051		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges *(22 11 16 00-0913)*		
22 11 16 00-1052	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	36.84	3.60
		For Work In Restricted Working Space, Add	*2.73*	
22 11 16 00-1053	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	42.52	5.09
		For Work In Restricted Working Space, Add	*3.83*	
22 11 16 00-1054	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	50.31	6.89
		For Work In Restricted Working Space, Add	*5.15*	
22 11 16 00-1055	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	56.67	8.99
		For Work In Restricted Working Space, Add	*6.77*	
22 11 16 00-1056	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	59.86	9.99
		For Work In Restricted Working Space, Add	*7.49*	
22 11 16 00-1057	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	74.16	11.09
		For Work In Restricted Working Space, Add	*8.33*	
22 11 16 00-1058	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	104.06	12.69
		For Work In Restricted Working Space, Add	*9.50*	
22 11 16 00-1059	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	116.32	14.98
		For Work In Restricted Working Space, Add	*11.21*	
22 11 16 00-1060	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	146.10	18.37
		For Work In Restricted Working Space, Add	*13.81*	
22 11 16 00-1061	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	215.84	23.37
		For Work In Restricted Working Space, Add	*17.56*	
22 11 16 00-1062	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	431.61	30.66
		For Work In Restricted Working Space, Add	*23.01*	
22 11 16 00-1063		Red Brass Pipe And Fittings *(22 11 16)*		
		Note: ASTM B43 And B251 (Pipe), ASME B16.15.		
22 11 16 00-1064		Schedule 40 Red Brass Pipe *(22 11 16 00-1063)*		
22 11 16 00-1065	LF	1/2" Schedule 40 Red Brass Pipe	28.71	2.10
22 11 16 00-1066	LF	3/4" Schedule 40 Red Brass Pipe	38.11	2.10
22 11 16 00-1067	LF	1" Schedule 40 Red Brass Pipe	52.11	2.10
22 11 16 00-1068	LF	1-1/4" Schedule 40 Red Brass Pipe	76.52	2.30
22 11 16 00-1069	LF	1-1/2" Schedule 40 Red Brass Pipe	88.14	2.50
22 11 16 00-1070	LF	2" Schedule 40 Red Brass Pipe	112.99	2.99
22 11 16 00-1071	LF	2-1/2" Schedule 40 Red Brass Pipe	164.43	3.40
22 11 16 00-1072	LF	3" Schedule 40 Red Brass Pipe	232.45	3.60
22 11 16 00-1073	LF	4" Schedule 40 Red Brass Pipe	333.32	3.60
22 11 16 00-1074		125 LB Cast Bronze, Screwed, 90 Degree Elbows *(22 11 16 00-1063)*		
22 11 16 00-1075	EA	1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	58.72	24.87
22 11 16 00-1076	EA	3/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	66.70	27.36
22 11 16 00-1077	EA	1" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	84.17	32.36
22 11 16 00-1078	EA	1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	101.18	34.76
22 11 16 00-1079	EA	1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	113.65	37.25
22 11 16 00-1080	EA	2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	142.63	39.75
22 11 16 00-1081	EA	2-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	245.20	49.74
22 11 16 00-1082	EA	3" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	341.92	59.63
22 11 16 00-1083	EA	4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	609.78	79.50
22 11 16 00-1084		125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbows *(22 11 16 00-1063)*		
22 11 16 00-1085	EA	1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	61.73	24.87
22 11 16 00-1086	EA	3/4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	71.07	27.36
22 11 16 00-1087	EA	1" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	93.32	32.36
22 11 16 00-1088	EA	1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	113.17	34.76
22 11 16 00-1089	EA	1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	130.16	37.25
22 11 16 00-1090	EA	2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	178.69	39.75
22 11 16 00-1091	EA	2-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	275.23	49.74
22 11 16 00-1092	EA	3" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	434.25	59.63
22 11 16 00-1093	EA	4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	871.06	79.50
22 11 16 00-1094		125 LB Cast Bronze, Screwed, 45 Degree Elbows *(22 11 16 00-1063)*		
22 11 16 00-1095	EA	1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	60.25	24.87
22 11 16 00-1096	EA	3/4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	69.69	27.36
22 11 16 00-1097	EA	1" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	90.19	32.36
22 11 16 00-1098	EA	1-1/4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	110.19	34.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1099	EA	1-1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	125.65	37.25
22 11 16 00-1100	EA	2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	162.16	39.75
22 11 16 00-1101	EA	2-1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	257.17	49.74
22 11 16 00-1102	EA	3" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	362.42	59.63
22 11 16 00-1103	EA	4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	810.35	79.50
22 11 16 00-1104		**125 LB Cast Bronze, Screwed, Tees** *(22 11 16 00-1063)*		
22 11 16 00-1105	EA	1/2" 125 LB Cast Bronze, Screwed, Tee	85.10	37.25
22 11 16 00-1106	EA	3/4" 125 LB Cast Bronze, Screwed, Tee	96.53	40.75
22 11 16 00-1107	EA	1" 125 LB Cast Bronze, Screwed, Tee	123.50	48.24
22 11 16 00-1108	EA	1-1/4" 125 LB Cast Bronze, Screwed, Tee	150.98	52.24
22 11 16 00-1109	EA	1-1/2" 125 LB Cast Bronze, Screwed, Tee	163.94	55.63
22 11 16 00-1110	EA	2" 125 LB Cast Bronze, Screwed, Tee	206.44	59.63
22 11 16 00-1111	EA	2-1/2" 125 LB Cast Bronze, Screwed, Tee	347.45	74.61
22 11 16 00-1112	EA	3" 125 LB Cast Bronze, Screwed, Tee	482.13	89.49
22 11 16 00-1113	EA	4" 125 LB Cast Bronze, Screwed, Tee	989.79	119.25
22 11 16 00-1114		**125 LB Cast Bronze, Screwed, Reducing Tees** *(22 11 16 00-1063)*		
22 11 16 00-1115	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	89.59	37.25
22 11 16 00-1116	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing Tee	99.56	40.75
22 11 16 00-1117	EA	1" 125 LB Cast Bronze, Screwed, Reducing Tee	135.52	48.24
22 11 16 00-1118	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing Tee	159.99	52.24
22 11 16 00-1119	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	187.98	55.63
22 11 16 00-1120	EA	2" 125 LB Cast Bronze, Screwed, Reducing Tee	244.00	59.63
22 11 16 00-1121	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	420.50	74.61
22 11 16 00-1122	EA	3" 125 LB Cast Bronze, Screwed, Reducing Tee	799.57	89.49
22 11 16 00-1123	EA	4" 125 LB Cast Bronze, Screwed, Reducing Tee	1,240.18	119.25
22 11 16 00-1124		**125 LB Cast Bronze, Screwed, Crosses** *(22 11 16 00-1063)*		
22 11 16 00-1125	EA	1/2" 125 LB Cast Bronze, Screwed, Cross	120.47	49.74
22 11 16 00-1126	EA	3/4" 125 LB Cast Bronze, Screwed, Cross	139.41	54.64
22 11 16 00-1127	EA	1" 125 LB Cast Bronze, Screwed, Cross	175.83	64.62
22 11 16 00-1128	EA	1-1/4" 125 LB Cast Bronze, Screwed, Cross	218.02	69.61
22 11 16 00-1129	EA	1-1/2" 125 LB Cast Bronze, Screwed, Cross	257.71	74.61
22 11 16 00-1130	EA	2" 125 LB Cast Bronze, Screwed, Cross	376.16	79.50
22 11 16 00-1131	EA	2-1/2" 125 LB Cast Bronze, Screwed, Cross	609.55	99.38
22 11 16 00-1132	EA	3" 125 LB Cast Bronze, Screwed, Cross	841.07	119.25
22 11 16 00-1133	EA	4" 125 LB Cast Bronze, Screwed, Cross	1,550.31	159.10
22 11 16 00-1134		**125 LB Cast Bronze, Screwed, Caps** *(22 11 16 00-1063)*		
22 11 16 00-1135	EA	1/2" 125 LB Cast Bronze, Screwed, Cap	28.37	14.79
22 11 16 00-1136	EA	3/4" 125 LB Cast Bronze, Screwed, Cap	32.14	16.28
22 11 16 00-1137	EA	1" 125 LB Cast Bronze, Screwed, Cap	42.72	19.18
22 11 16 00-1138	EA	1-1/4" 125 LB Cast Bronze, Screwed, Cap	55.35	20.67
22 11 16 00-1139	EA	1-1/2" 125 LB Cast Bronze, Screwed, Cap	65.14	22.17
22 11 16 00-1140	EA	2" 125 LB Cast Bronze, Screwed, Cap	89.89	23.67
22 11 16 00-1141	EA	2-1/2" 125 LB Cast Bronze, Screwed, Cap	143.88	29.56
22 11 16 00-1142	EA	3" 125 LB Cast Bronze, Screwed, Cap	206.97	35.46
22 11 16 00-1143	EA	4" 125 LB Cast Bronze, Screwed, Cap	363.88	47.24
22 11 16 00-1144		**125 LB Cast Bronze, Screwed, Couplings** *(22 11 16 00-1063)*		
22 11 16 00-1145	EA	1/2" 125 LB Cast Bronze, Screwed, Coupling	57.24	24.87
22 11 16 00-1146	EA	3/4" 125 LB Cast Bronze, Screwed, Coupling	65.22	27.36
22 11 16 00-1147	EA	1" 125 LB Cast Bronze, Screwed, Coupling	82.66	32.36
22 11 16 00-1148	EA	1-1/4" 125 LB Cast Bronze, Screwed, Coupling	99.65	34.76
22 11 16 00-1149	EA	1-1/2" 125 LB Cast Bronze, Screwed, Coupling	113.65	37.25
22 11 16 00-1150	EA	2" 125 LB Cast Bronze, Screwed, Coupling	144.14	39.75
22 11 16 00-1151	EA	2-1/2" 125 LB Cast Bronze, Screwed, Coupling	204.60	49.74
22 11 16 00-1152	EA	3" 125 LB Cast Bronze, Screwed, Coupling	265.08	59.63
22 11 16 00-1153	EA	4" 125 LB Cast Bronze, Screwed, Coupling	459.53	79.50
22 11 16 00-1154		**125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducers** *(22 11 16 00-1063)*		
22 11 16 00-1155	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	50.79	19.88
22 11 16 00-1156	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	58.05	22.37
22 11 16 00-1157	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	78.84	29.86
22 11 16 00-1158	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	94.58	32.36
22 11 16 00-1159	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	107.34	34.76
22 11 16 00-1160	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	130.40	37.25
22 11 16 00-1161	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	190.91	47.24
22 11 16 00-1162	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	231.90	54.64
22 11 16 00-1163	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	406.22	72.11

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1164		**125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducers** *(22 11 16 00-1063)*		
22 11 16 00-1165	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	52.03	19.88
22 11 16 00-1166	EA	1" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	95.04	27.36
22 11 16 00-1167	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	125.43	29.86
22 11 16 00-1168	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	147.17	32.36
22 11 16 00-1169	EA	2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	197.04	37.25
22 11 16 00-1170	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	304.53	47.24
22 11 16 00-1171	EA	3" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	368.85	49.74
22 11 16 00-1172	EA	4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	417.74	64.62
22 11 16 00-1173		**125 LB Cast Bronze, FIP Threaded, Unions** *(22 11 16 00-1063)*		
22 11 16 00-1174	EA	1/2" 125 LB Cast Bronze, FIP Threaded, Union	63.81	19.88
		For 150 LB, Add	*9.62*	
22 11 16 00-1175	EA	3/4" 125 LB Cast Bronze, FIP Threaded, Union	76.79	21.87
		For 150 LB, Add	*13.22*	
22 11 16 00-1176	EA	1" 125 LB Cast Bronze, FIP Threaded, Union	95.27	25.87
		For 150 LB, Add	*17.43*	
22 11 16 00-1177	EA	1-1/4" 125 LB Cast Bronze, FIP Threaded, Union	118.76	27.87
		For 150 LB, Add	*25.23*	
22 11 16 00-1178	EA	1-1/2" 125 LB Cast Bronze, FIP Threaded, Union	134.80	29.86
		For 150 LB, Add	*30.06*	
22 11 16 00-1179	EA	2" 125 LB Cast Bronze, FIP Threaded, Union	159.40	33.76
		For 150 LB, Add	*36.72*	
22 11 16 00-1180	EA	2-1/2" 125 LB Cast Bronze, FIP Threaded, Union	276.37	49.94
		For 150 LB, Add	*70.60*	
		For 250 LB, Add	*150.02*	
		For 300 LB, Add	*211.79*	
22 11 16 00-1181	EA	3" 125 LB Cast Bronze, FIP Threaded, Union	404.03	65.67
		For 150 LB, Add	*109.08*	
		For 250 LB, Add	*231.79*	
		For 300 LB, Add	*327.23*	
22 11 16 00-1182	EA	4" 125 LB Cast Bronze, FIP Threaded, Union	747.03	72.71
		For 150 LB, Add	*240.60*	
		For 250 LB, Add	*511.28*	
		For 300 LB, Add	*721.80*	
22 11 16 00-1183		**125 LB Cast Bronze, Screwed, Companion Flanges** *(22 11 16 00-1063)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
22 11 16 00-1184	EA	1/2" 125 LB Cast Bronze, Screwed, Companion Flange	182.90	24.87
22 11 16 00-1185	EA	3/4" 125 LB Cast Bronze, Screwed, Companion Flange	198.98	29.86
22 11 16 00-1186	EA	1" 125 LB Cast Bronze, Screwed, Companion Flange	228.01	34.76
22 11 16 00-1187	EA	1-1/4" 125 LB Cast Bronze, Screwed, Companion Flange	260.31	37.25
22 11 16 00-1188	EA	1-1/2" 125 LB Cast Bronze, Screwed, Companion Flange	308.96	39.75
22 11 16 00-1189	EA	2" 125 LB Cast Bronze, Screwed, Companion Flange	390.47	42.25
22 11 16 00-1190	EA	2-1/2" 125 LB Cast Bronze, Screwed, Companion Flange	492.77	49.74
22 11 16 00-1191	EA	3" 125 LB Cast Bronze, Screwed, Companion Flange	610.50	62.13
22 11 16 00-1192	EA	4" 125 LB Cast Bronze, Screwed, Companion Flange	870.52	86.99
22 11 16 00-1193		**125 LB Cast Bronze, Screwed, Square Head Plugs** *(22 11 16 00-1063)*		
22 11 16 00-1194	EA	1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	17.53	
22 11 16 00-1195	EA	3/4" 125 LB Cast Bronze, Screwed, Square Head Plug	18.15	
22 11 16 00-1196	EA	1" 125 LB Cast Bronze, Screwed, Square Head Plug	28.00	
22 11 16 00-1197	EA	1-1/4" 125 LB Cast Bronze, Screwed, Square Head Plug	32.50	
22 11 16 00-1198	EA	1-1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	37.16	
22 11 16 00-1199	EA	2" 125 LB Cast Bronze, Screwed, Square Head Plug	56.03	
22 11 16 00-1200	EA	2-1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	85.25	
22 11 16 00-1201	EA	3" 125 LB Cast Bronze, Screwed, Square Head Plug	125.36	
22 11 16 00-1202	EA	4" 125 LB Cast Bronze, Screwed, Square Head Plug	213.07	
22 11 16 00-1203		**125 LB Cast Bronze, Screwed, Counter Sunk Plugs** *(22 11 16 00-1063)*		
22 11 16 00-1204	EA	1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	7.53	
22 11 16 00-1205	EA	3/4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	9.01	
22 11 16 00-1206	EA	1" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	13.55	
22 11 16 00-1207	EA	1-1/4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	21.05	
22 11 16 00-1208	EA	1-1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	33.33	
22 11 16 00-1209	EA	2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	51.66	
22 11 16 00-1210	EA	2-1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	100.55	
22 11 16 00-1211	EA	3" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	162.84	
22 11 16 00-1212	EA	4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	397.15	
22 11 16 00-1213		**125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushings** *(22 11 16 00-1063)*		
22 11 16 00-1214	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	6.00	
22 11 16 00-1215	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	7.53	
22 11 16 00-1216	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	10.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1217	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	18.04	
22 11 16 00-1218	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	25.57	
22 11 16 00-1219	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	31.59	
22 11 16 00-1220	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	79.64	
22 11 16 00-1221	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	117.23	
22 11 16 00-1222	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	256.77	
22 11 16 00-1223		125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushings *(22 11 16 00-1063)*		
22 11 16 00-1224	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	10.54	
22 11 16 00-1225	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	15.01	
22 11 16 00-1226	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	26.16	
22 11 16 00-1227	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	35.53	
22 11 16 00-1228	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	44.42	
22 11 16 00-1229	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	55.96	
22 11 16 00-1230	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	114.26	
22 11 16 00-1231	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	180.78	
22 11 16 00-1232	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	379.90	
22 11 16 00-1233		1/2" Red Brass Pipe Nipples *(22 11 16 00-1063)* Note: Threaded both ends.		
22 11 16 00-1234	EA	1/2" x Close, Red Brass Pipe Nipple	10.08	
22 11 16 00-1235	EA	1/2" x 1-1/2" Long, Red Brass Pipe Nipple	11.81	
22 11 16 00-1236	EA	1/2" x 2" Long, Red Brass Pipe Nipple	14.46	
22 11 16 00-1237	EA	1/2" x 2-1/2" Long, Red Brass Pipe Nipple	17.18	
22 11 16 00-1238	EA	1/2" x 3" Long, Red Brass Pipe Nipple	19.91	
22 11 16 00-1239	EA	1/2" x 3-1/2" Long, Red Brass Pipe Nipple	23.49	
22 11 16 00-1240	EA	1/2" x 4" Long, Red Brass Pipe Nipple	26.34	
22 11 16 00-1241	EA	1/2" x 4-1/2" Long, Red Brass Pipe Nipple	28.93	
22 11 16 00-1242	EA	1/2" x 5" Long, Red Brass Pipe Nipple	31.65	
22 11 16 00-1243	EA	1/2" x 5-1/2" Long, Red Brass Pipe Nipple	34.64	
22 11 16 00-1244	EA	1/2" x 6" Long, Red Brass Pipe Nipple	37.29	
22 11 16 00-1245		3/4" Red Brass Pipe Nipples *(22 11 16 00-1063)* Note: Threaded both ends.		
22 11 16 00-1246	EA	3/4" x Close, Red Brass Pipe Nipple	14.73	
22 11 16 00-1247	EA	3/4" x 1-1/2" Long, Red Brass Pipe Nipple	15.53	
22 11 16 00-1248	EA	3/4" x 2" Long, Red Brass Pipe Nipple	18.78	
22 11 16 00-1249	EA	3/4" x 2-1/2" Long, Red Brass Pipe Nipple	22.10	
22 11 16 00-1250	EA	3/4" x 3" Long, Red Brass Pipe Nipple	25.08	
22 11 16 00-1251	EA	3/4" x 3-1/2" Long, Red Brass Pipe Nipple	28.80	
22 11 16 00-1252	EA	3/4" x 4" Long, Red Brass Pipe Nipple	32.38	
22 11 16 00-1253	EA	3/4" x 4-1/2" Long, Red Brass Pipe Nipple	36.36	
22 11 16 00-1254	EA	3/4" x 5" Long, Red Brass Pipe Nipple	39.68	
22 11 16 00-1255	EA	3/4" x 5-1/2" Long, Red Brass Pipe Nipple	45.72	
22 11 16 00-1256	EA	3/4" x 6" Long, Red Brass Pipe Nipple	48.04	
22 11 16 00-1257		1" Red Brass Pipe Nipples *(22 11 16 00-1063)* Note: Threaded both ends.		
22 11 16 00-1258	EA	1" x Close, Red Brass Pipe Nipple	22.43	
22 11 16 00-1259	EA	1" x 1-1/2" Long, Red Brass Pipe Nipple	24.68	
22 11 16 00-1260	EA	1" x 2" Long, Red Brass Pipe Nipple	26.94	
22 11 16 00-1261	EA	1" x 2-1/2" Long, Red Brass Pipe Nipple	32.05	
22 11 16 00-1262	EA	1" x 3" Long, Red Brass Pipe Nipple	36.23	
22 11 16 00-1263	EA	1" x 3-1/2" Long, Red Brass Pipe Nipple	42.66	
22 11 16 00-1264	EA	1" x 4" Long, Red Brass Pipe Nipple	47.77	
22 11 16 00-1265	EA	1" x 4-1/2" Long, Red Brass Pipe Nipple	52.82	
22 11 16 00-1266	EA	1" x 5" Long, Red Brass Pipe Nipple	57.99	
22 11 16 00-1267	EA	1" x 5-1/2" Long, Red Brass Pipe Nipple	63.43	
22 11 16 00-1268	EA	1" x 6" Long, Red Brass Pipe Nipple	68.48	
22 11 16 00-1269		1-1/4" Red Brass Pipe Nipples *(22 11 16 00-1063)* Note: Threaded both ends.		
22 11 16 00-1270	EA	1-1/4" x Close, Red Brass Pipe Nipple	33.18	
22 11 16 00-1271	EA	1-1/4" x 1-1/2" Long, Red Brass Pipe Nipple	35.35	
22 11 16 00-1272	EA	1-1/4" x 2" Long, Red Brass Pipe Nipple	38.02	
22 11 16 00-1273	EA	1-1/4" x 2-1/2" Long, Red Brass Pipe Nipple	45.78	
22 11 16 00-1274	EA	1-1/4" x 3" Long, Red Brass Pipe Nipple	53.48	
22 11 16 00-1275	EA	1-1/4" x 3-1/2" Long, Red Brass Pipe Nipple	62.77	
22 11 16 00-1276	EA	1-1/4" x 4" Long, Red Brass Pipe Nipple	70.47	
22 11 16 00-1277	EA	1-1/4" x 4-1/2" Long, Red Brass Pipe Nipple	78.16	
22 11 16 00-1278	EA	1-1/4" x 5" Long, Red Brass Pipe Nipple	85.93	
22 11 16 00-1279	EA	1-1/4" x 5-1/2" Long, Red Brass Pipe Nipple	94.02	
22 11 16 00-1280	EA	1-1/4" x 6" Long, Red Brass Pipe Nipple	101.72	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 11 16 00-1281 1-1/2" Red Brass Pipe Nipples *(22 11 16 00-1063)*

Note: Threaded both ends.

22 11 16 00-1282	EA	1-1/2" x Close, Red Brass Pipe Nipple	41.27	
22 11 16 00-1283	EA	1-1/2" x 1-1/2" Long, Red Brass Pipe Nipple	43.07	
22 11 16 00-1284	EA	1-1/2" x 2" Long, Red Brass Pipe Nipple	44.85	
22 11 16 00-1285	EA	1-1/2" x 2-1/2" Long, Red Brass Pipe Nipple	54.54	
22 11 16 00-1286	EA	1-1/2" x 3" Long, Red Brass Pipe Nipple	61.84	
22 11 16 00-1287	EA	1-1/2" x 3-1/2" Long, Red Brass Pipe Nipple	72.72	
22 11 16 00-1288	EA	1-1/2" x 4" Long, Red Brass Pipe Nipple	81.88	
22 11 16 00-1289	EA	1-1/2" x 4-1/2" Long, Red Brass Pipe Nipple	91.37	
22 11 16 00-1290	EA	1-1/2" x 5" Long, Red Brass Pipe Nipple	100.52	
22 11 16 00-1291	EA	1-1/2" x 5-1/2" Long, Red Brass Pipe Nipple	109.48	
22 11 16 00-1292	EA	1-1/2" x 6" Long, Red Brass Pipe Nipple	118.44	

22 11 16 00-1293 2" Red Brass Pipe Nipples *(22 11 16 00-1063)*

Note: Threaded both ends.

22 11 16 00-1294	EA	2" x Close, Red Brass Pipe Nipple	63.43	
22 11 16 00-1295	EA	2" x 1-1/2" Long, Red Brass Pipe Nipple	65.65	
22 11 16 00-1296	EA	2" x 2" Long, Red Brass Pipe Nipple	67.85	
22 11 16 00-1297	EA	2" x 2-1/2" Long, Red Brass Pipe Nipple	70.07	
22 11 16 00-1298	EA	2" x 3" Long, Red Brass Pipe Nipple	79.36	
22 11 16 00-1299	EA	2" x 3-1/2" Long, Red Brass Pipe Nipple	93.56	
22 11 16 00-1300	EA	2" x 4" Long, Red Brass Pipe Nipple	105.10	
22 11 16 00-1301	EA	2" x 4-1/2" Long, Red Brass Pipe Nipple	116.65	
22 11 16 00-1302	EA	2" x 5" Long, Red Brass Pipe Nipple	127.06	
22 11 16 00-1303	EA	2" x 5-1/2" Long, Red Brass Pipe Nipple	140.14	
22 11 16 00-1304	EA	2" x 6" Long, Red Brass Pipe Nipple	151.61	

22 11 16 00-1305 Cross-Linked Polyethylene Tubing, ASTM F877 *(22 11 16)*

Note: Aboveground, domestic water usage.

22 11 16 00-1306 Cross-Linked Polyethylene Tubing *(22 11 16 00-1305)*

22 11 16 00-1307	LF	3/8" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing	4.71	
		For Work In Restricted Working Space, Add		*0.94*
22 11 16 00-1308	LF	1/2" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing	5.14	
		For Work In Restricted Working Space, Add		*1.02*
22 11 16 00-1309	LF	3/4" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing	6.86	
		For Work In Restricted Working Space, Add		*1.10*
22 11 16 00-1310	LF	1" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing	9.36	
		For Work In Restricted Working Space, Add		*1.16*

22 11 16 00-1311 Cross-Linked Polyethylene Forged Brass PEX Fittings *(22 11 16 00-1305)*

Note: Aboveground, domestic water usage.

22 11 16 00-1312 Male Adapters *(22 11 16 00-1311)*

22 11 16 00-1313	EA	3/8" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	21.20	
		For Work In Restricted Working Space, Add		*4.88*
22 11 16 00-1314	EA	1/2" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	22.87	
		For Work In Restricted Working Space, Add		*5.21*
22 11 16 00-1315	EA	1/2" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	25.09	
		For Work In Restricted Working Space, Add		*5.53*
22 11 16 00-1316	EA	3/4" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	26.18	
		For Work In Restricted Working Space, Add		*5.86*
22 11 16 00-1317	EA	3/4" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	25.09	
		For Work In Restricted Working Space, Add		*5.53*
22 11 16 00-1318	EA	1" x 1", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	33.43	
		For Work In Restricted Working Space, Add		*6.51*

22 11 16 00-1319 Female Adapters *(22 11 16 00-1311)*

22 11 16 00-1320	EA	1/2" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	23.44	
		For Work In Restricted Working Space, Add		*5.21*
22 11 16 00-1321	EA	1/2" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	26.67	
		For Work In Restricted Working Space, Add		*5.53*
22 11 16 00-1322	EA	3/4" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	27.76	
		For Work In Restricted Working Space, Add		*5.86*
22 11 16 00-1323	EA	3/4" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	26.67	
		For Work In Restricted Working Space, Add		*5.53*
22 11 16 00-1324	EA	1" x 1", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	34.15	
		For Work In Restricted Working Space, Add		*6.51*

22 11 16 00-1325 Tube Adapters *(22 11 16 00-1311)*

22 11 16 00-1326	EA	3/8" x 1/2" Forged Brass Tube Adapter For PEX Tubing	18.86	
		For Work In Restricted Working Space, Add		*4.88*
22 11 16 00-1327	EA	1/2" Forged Brass Tube Adapter For PEX Tubing	19.95	
		For Work In Restricted Working Space, Add		*5.21*
22 11 16 00-1328	EA	3/4" Forged Brass Tube Adapter For PEX Tubing	24.31	
		For Work In Restricted Working Space, Add		*5.86*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1329	EA	1" Forged Brass Tube Adapter For PEX Tubing		31.95	
		For Work In Restricted Working Space, Add		*6.51*	
22 11 16 00-1330		**Plugs** *(22 11 16 00-1311)*			
22 11 16 00-1331	EA	3/8" Forged Brass Plug For PEX Tubing		9.62	
		For Work In Restricted Working Space, Add		*2.28*	
22 11 16 00-1332	EA	1/2" Forged Brass Plug For PEX Tubing		10.69	
		For Work In Restricted Working Space, Add		*2.60*	
22 11 16 00-1333	EA	3/4" Forged Brass Plug For PEX Tubing		12.35	
		For Work In Restricted Working Space, Add		*2.93*	
22 11 16 00-1334	EA	1" Forged Brass Plug For PEX Tubing		15.64	
		For Work In Restricted Working Space, Add		*3.26*	
22 11 16 00-1335		**Tees** *(22 11 16 00-1311)*			
22 11 16 00-1336	EA	3/8" Forged Brass Tee For PEX Tubing		26.99	
		For Work In Restricted Working Space, Add		*6.83*	
22 11 16 00-1337	EA	1/2" Forged Brass Tee For PEX Tubing		30.24	
		For Work In Restricted Working Space, Add		*7.81*	
22 11 16 00-1338	EA	3/4" Forged Brass Tee For PEX Tubing		36.37	
		For Work In Restricted Working Space, Add		*8.78*	
22 11 16 00-1339	EA	1" Forged Brass Tee For PEX Tubing		47.73	
		For Work In Restricted Working Space, Add		*9.76*	
22 11 16 00-1340	EA	1/2" Forged Brass Reducing Tee For PEX Tubing		29.15	
		For Work In Restricted Working Space, Add		*7.48*	
22 11 16 00-1341	EA	3/4" Forged Brass Reducing Tee For PEX Tubing		34.21	
		For Work In Restricted Working Space, Add		*8.14*	
22 11 16 00-1342	EA	1" Forged Brass Reducing Tee For PEX Tubing		43.32	
		For Work In Restricted Working Space, Add		*8.78*	
22 11 16 00-1343		**Couplings** *(22 11 16 00-1311)*			
22 11 16 00-1344	EA	3/8" Forged Brass Coupling For PEX Tubing		17.34	
		For Work In Restricted Working Space, Add		*4.55*	
22 11 16 00-1345	EA	1/2" Forged Brass Coupling For PEX Tubing		19.66	
		For Work In Restricted Working Space, Add		*5.21*	
22 11 16 00-1346	EA	3/4" Forged Brass Coupling For PEX Tubing		22.54	
		For Work In Restricted Working Space, Add		*5.86*	
22 11 16 00-1347	EA	1" Forged Brass Coupling For PEX Tubing		28.06	
		For Work In Restricted Working Space, Add		*6.51*	
22 11 16 00-1348	EA	3/4" x 1/2" Forged Brass Reducing Coupling For PEX Tubing		21.45	
		For Work In Restricted Working Space, Add		*5.53*	
22 11 16 00-1349	EA	1" x 3/4" Forged Brass Reducing Coupling For PEX Tubing		26.98	
		For Work In Restricted Working Space, Add		*6.18*	
22 11 16 00-1350		**Fitting Reducers** *(22 11 16 00-1311)*			
22 11 16 00-1351	EA	3/8" x 1/2" Forged Brass Fitting Reducer For PEX Tubing		19.29	
		For Work In Restricted Working Space, Add		*4.88*	
22 11 16 00-1352	EA	1/2" Forged Brass Fitting Reducer For PEX Tubing		20.38	
		For Work In Restricted Working Space, Add		*5.21*	
22 11 16 00-1353	EA	3/4" Forged Brass Fitting Reducer For PEX Tubing		25.17	
		For Work In Restricted Working Space, Add		*5.86*	
22 11 16 00-1354	EA	1" Forged Brass Fitting Reducer For PEX Tubing		36.88	
		For Work In Restricted Working Space, Add		*6.51*	
22 11 16 00-1355		**90 Degree Elbows** *(22 11 16 00-1311)*			
22 11 16 00-1356	EA	3/8" Forged Brass 90 Degree Elbow For PEX Tubing		18.64	
		For Work In Restricted Working Space, Add		*4.55*	
22 11 16 00-1357	EA	1/2" Forged Brass 90 Degree Elbow For PEX Tubing		20.82	
		For Work In Restricted Working Space, Add		*5.21*	
22 11 16 00-1358	EA	3/4" Forged Brass 90 Degree Elbow For PEX Tubing		25.17	
		For Work In Restricted Working Space, Add		*5.86*	
22 11 16 00-1359	EA	3/4" x 1/2" Forged Brass 90 Degree Elbow For PEX Tubing		24.08	
		For Work In Restricted Working Space, Add		*5.53*	
22 11 16 00-1360	EA	1/2" Drop 90 Degree Elbow For PEX Tubing		29.82	
		For Work In Restricted Working Space, Add		*5.21*	
22 11 16 00-1361	EA	3/4" Forged Brass Drop 90 Degree Elbow For PEX Tubing		33.27	
		For Work In Restricted Working Space, Add		*5.86*	
22 11 16 00-1362	EA	3/4" x 1/2" Forged Brass Drop 90 Degree Elbow For PEX Tubing		32.18	
		For Work In Restricted Working Space, Add		*5.53*	
22 11 19		**Domestic Water Piping Specialties** *(22 11)*			
22 11 19 00-0001		Rubber Hose And Clamps *(22 11 19)*			
22 11 19 00-0002		General Purpose Hose *(22 11 19 00-0001)*			
		Note: For medium pressure (up to 200/250 psi) applications requiring excellent resistance to air, oil and heat.			
22 11 19 00-0003	LF	3/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp		7.19	2.16
22 11 19 00-0004	LF	1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp		8.46	2.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0005	LF	5/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	10.38	2.16
22 11 19 00-0006	LF	3/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	10.48	2.16
22 11 19 00-0007	LF	1" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	14.34	3.24
22 11 19 00-0008	LF	1-1/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	23.83	3.24
22 11 19 00-0009	LF	1-1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	25.91	4.31
22 11 19 00-0010	LF	2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	49.87	4.31
22 11 19 00-0011		**Reinfored EPDM Water Hose Assembly** *(22 11 19 00-0001)*		
		Note: Includes male/female camlock, 150 psi, synthetic fiber with steel wire helix reinforcement.		
22 11 19 00-0012	LF	1-1/2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	66.31	4.31
22 11 19 00-0013	LF	2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	78.27	4.31
22 11 19 00-0014	LF	3" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	110.05	5.30
22 11 19 00-0015	LF	4" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	154.65	7.17
22 11 19 00-0016		**Chemical Resistant Rubber Hoses** *(22 11 19 00-0001)*		
22 11 19 00-0017	EA	50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose	1,275.03	244.39
22 11 19 00-0018	EA	50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose	1,790.17	244.39
22 11 19 00-0019		**Water Pump Hose** *(22 11 19 00-0001)*		
22 11 19 00-0020	EA	2" Inside Diameter, 20' Rubber Discharge Hose	562.12	65.89
22 11 19 00-0021	EA	2" Inside Diameter, 20' Rubber Intake Hose	595.41	65.89
22 11 19 00-0022		**Barbed Hose x Threaded Male Pipe, Steel Coupling** *(22 11 19 00-0001)*		
22 11 19 00-0023	EA	3/8" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling	27.33	9.06
22 11 19 00-0024	EA	1/2" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling	28.97	9.71
22 11 19 00-0025	EA	5/8" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling	31.03	10.35
22 11 19 00-0026	EA	3/4" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling	35.10	11.64
22 11 19 00-0027	EA	1" Inside Diameter Barbed Hose x 1" Threaded Male Pipe, Steel Coupling	42.17	14.24
22 11 19 00-0028	EA	1-1/4" Inside Diameter Barbed Hose x 1-1/4" Threaded Male Pipe, Steel Coupling	49.92	17.04
22 11 19 00-0029	EA	1-1/2" Inside Diameter Barbed Hose x 1-1/2" Threaded Male Pipe, Steel Coupling	64.21	22.43
22 11 19 00-0030	EA	2" Inside Diameter Barbed Hose x 2" Threaded Male Pipe, Steel Coupling	80.90	28.04
22 11 19 00-0031		**Worm-Drive Hose Clamp** *(22 11 19 00-0001)*		
22 11 19 00-0032	EA	3/8" To 1" Diameter Worm Drive Hose Clamp	12.06	3.24
22 11 19 00-0033	EA	1/2" To 1-1/6" Diameter Worm Drive Hose Clamp	12.73	3.24
22 11 19 00-0034	EA	5/8" To 1-1/2" Diameter Worm Drive Hose Clamp	13.44	3.24
22 11 19 00-0035	EA	3/4" To 2" Diameter Worm Drive Hose Clamp	14.28	3.24
22 11 19 00-0036	EA	1" To 2-1/2" Diameter Worm Drive Hose Clamp	15.23	3.24
22 11 19 00-0037	EA	1-1/4" To 2-3/4" Diameter Worm Drive Hose Clamp	16.56	4.31
22 11 19 00-0038	EA	1-1/2" To 3" Diameter Worm Drive Hose Clamp	17.83	4.31
22 11 19 00-0039		**Trap Primer And Accessories** *(22 11 19)*		
22 11 19 00-0040		**Trap Primer** *(22 11 19 00-0039)*		
22 11 19 00-0041	EA	1/2" Inlet/Outlet, Flow Through Automatic Trap Primer (JR Smith 2699)	300.58	16.27
22 11 19 00-0042	EA	1/2" Inlet/Outlet, Automatic Trap Primer, Up To Two Floor Drains (PPP PR-500)	184.05	10.85
22 11 19 00-0043	EA	1/2" Inlet/Outlet, Automatic Trap Primer, Up To Four Floor Drains (PPP PO-500)	178.12	10.85
22 11 19 00-0044		**Trap Primer Distribution Unit** *(22 11 19 00-0039)*		
22 11 19 00-0045	EA	Molded Plastic Four Opening Trap Primer Distribution Unit (PPP DU-U) Note: Can be used for two, three or four drains.	149.95	21.69
22 11 19 00-0046	EA	Copper Four Opening Trap Primer Distribution Unit (PPP DU-4) Note: Can be used for two, three or four drains.	165.89	21.69
22 11 19 00-0047		**Trap Primer Manifold** *(22 11 19 00-0039)*		
22 11 19 00-0048	EA	Two Outlet Trap Primer Manifold	240.69	29.17
22 11 19 00-0049	EA	Four Outlet Trap Primer Manifold	366.26	33.18
22 11 19 00-0050	EA	Six Outlet Trap Primer Manifold	489.27	35.14
22 11 19 00-0051	EA	Eight Outlet Trap Primer Manifold	616.09	41.21
22 11 19 00-0052		**Sewage Air Release Valves** *(22 11 19)*		
22 11 19 00-0053		**Cast Iron, Sewage Air Release Valves** *(22 11 19 00-0052)* Note: Stainless steel float.		
22 11 19 00-0054	EA	2" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	948.53	39.61
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0055	EA	3" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	1,162.12	66.18
		For Back Flush Attachment, Add	*650.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0056	EA	4" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	1,473.68	83.55
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0057		**Cast Iron, Sewage Air Vacuum Valves** *(22 11 19 00-0052)*		
		Note: Stainless steel float.		
22 11 19 00-0058	EA	2" x 1" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 401)	969.23	39.61
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0059	EA	2" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 402)	1,905.83	39.61
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0060	EA	3" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 403)	2,285.00	66.18
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0061	EA	4" NPT x 4" With Hood, Cast Iron, Sewage Air Vacuum Valve (Apco 404)	3,385.69	83.55
22 11 19 00-0062		**Cast Iron, Sewage Combination Air Valves** *(22 11 19 00-0052)*		
		Note: Stainless steel float.		
22 11 19 00-0063	EA	2" x 1" NPT, Sewage Combination Air Valve (Apco 443)	2,076.60	39.61
22 11 19 00-0064	EA	2" x 2" NPT, Sewage Combination Air Valve (Apco 445)	2,865.72	39.61
22 11 19 00-0065	EA	3" x 3" NPT, Sewage Combination Air Valve (Apco 447)	3,350.97	66.18
22 11 19 00-0066	EA	4" x 4" NPT, Sewage Combination Air Valve (Apco 449)	4,097.20	83.55
22 11 19 00-0067		**Brass, Anti Siphon Vacuum Breakers** *(22 11 19)*		
		Note: Watts 288A		
22 11 19 00-0068	EA	1/2" Brass, Anti Siphon Vacuum Breaker	104.72	27.12
22 11 19 00-0069	EA	3/4" Brass, Anti Siphon Vacuum Breaker	120.52	30.37
22 11 19 00-0070	EA	1" Brass, Anti Siphon Vacuum Breaker	252.79	34.70
22 11 19 00-0071	EA	1-1/4" Brass, Anti Siphon Vacuum Breaker	405.28	40.13
22 11 19 00-0072	EA	1-1/2" Brass, Anti Siphon Vacuum Breaker	484.31	44.46
22 11 19 00-0073	EA	2" Brass, Anti Siphon Vacuum Breaker	711.31	54.23
22 11 19 00-0074	EA	2-1/2" Brass, Anti Siphon Vacuum Breaker	1,880.95	67.79
22 11 19 00-0075		**Anti Siphon Pressure Vacuum Breakers** *(22 11 19)*		
		Note: Watts 800M4QT		
22 11 19 00-0076	EA	1/2" Anti Siphon Pressure Type Vacuum Breaker	318.57	27.12
22 11 19 00-0077	EA	3/4" Anti Siphon Pressure Type Vacuum Breaker	277.14	30.37
22 11 19 00-0078	EA	1" Anti Siphon Pressure Type Vacuum Breaker	398.25	34.70
22 11 19 00-0079	EA	1-1/4" Anti Siphon Pressure Type Vacuum Breaker	725.29	40.13
22 11 19 00-0080	EA	1-1/2" Anti Siphon Pressure Type Vacuum Breaker	883.66	44.46
22 11 19 00-0081	EA	2" Anti Siphon Pressure Type Vacuum Breaker	890.20	54.23
22 11 19 00-0082		**Bellows Type Water Hammer Arrestors** *(22 11 19)*		
22 11 19 00-0083	EA	Up To 11 Fixture Unit Capacity, 3/4" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5005)	294.49	12.97
22 11 19 00-0084	EA	>11 To 32 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5010)	577.88	15.69
22 11 19 00-0085	EA	>32 To 60 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5020)	848.78	15.69
22 11 19 00-0086	EA	>60 To 113 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5030)	2,080.71	15.69
22 11 19 00-0087	EA	>113 To 154 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5040)	2,344.58	15.69
22 11 19 00-0088	EA	>154 To 330 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5050)	2,873.89	15.69
22 11 19 00-0089		**Piston Type Water Hammer Arrestors** *(22 11 19)*		
22 11 19 00-0090		**Threaded Piston Type Water Hammer Arrestors** *(22 11 19 00-0089)*		
22 11 19 00-0091	EA	Up To 11 Fixture Unit Capacity, 1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-A)	177.96	7.23
22 11 19 00-0092	EA	>11 To 32 Fixture Unit Capacity, 3/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-B)	343.69	8.34
22 11 19 00-0093	EA	>32 To 60 Fixture Unit Capacity, 1" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-C)	511.89	9.04
22 11 19 00-0094	EA	>60 To 113 Fixture Unit Capacity, 1-1/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-D)	1,262.85	11.66
22 11 19 00-0095	EA	>113 To 154 Fixture Unit Capacity, 1-1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-E)	1,538.01	14.46
22 11 19 00-0096	EA	>154 To 330 Fixture Unit Capacity, 2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-F)	1,750.39	15.69
22 11 19 00-0097		**Escutcheons** *(22 11 19)*		
22 11 19 00-0098		**Brass Escutcheons** *(22 11 19 00-0097)*		
22 11 19 00-0099		**Shallow Brass Escutcheons** *(22 11 19 00-0098)*		
22 11 19 00-0100	EA	3/8" IPS, Antique Or Polished Brass Shallow Escutcheon	12.40	2.71
22 11 19 00-0101	EA	1/2" IPS, Antique Or Polished Brass Shallow Escutcheon	13.38	2.71

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22 11 19 00-0102		Deep Bell Brass Escutcheons *(22 11 19 00-0098)*		
22 11 19 00-0103	EA	3/8" IPS, Antique Or Polished Deep Bell Brass Escutcheon	14.64	3.03
22 11 19 00-0104	EA	1/2" IPS, Antique Or Polished Deep Bell Brass Escutcheon	14.68	3.03
22 11 19 00-0105		Chrome Plated Brass Escutcheons With Setscrew *(22 11 19 00-0098)*		
22 11 19 00-0106	EA	3/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	25.86	2.71
22 11 19 00-0107	EA	1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	26.16	2.71
22 11 19 00-0108	EA	5/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	26.60	2.71
22 11 19 00-0109	EA	3/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	28.19	2.71
22 11 19 00-0110	EA	7/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	28.54	3.25
22 11 19 00-0111	EA	1" IPS, Chrome Plated Brass Escutcheon With Setscrew	30.09	3.25
22 11 19 00-0112	EA	1-1/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	31.06	3.58
22 11 19 00-0113	EA	1-1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	32.41	3.80
22 11 19 00-0114	EA	2" IPS, Chrome Plated Brass Escutcheon With Setscrew	47.32	4.34
22 11 19 00-0115		Plastic Escutcheons *(22 11 19 00-0097)*		
22 11 19 00-0116		Split-Ring White Plastic Escutcheons *(22 11 19 00-0115)*		
22 11 19 00-0117	EA	3/8" IPS, Split-Ring White Plastic Escutcheon	6.57	2.69
22 11 19 00-0118	EA	1/2" IPS, Split-Ring White Plastic Escutcheon	6.57	2.69
22 11 19 00-0119	EA	3/4" IPS, Split-Ring White Plastic Escutcheon	7.65	3.02
22 11 19 00-0120	EA	1" IPS, Split-Ring White Plastic Escutcheon	8.29	3.24
22 11 19 00-0121	EA	1-1/4" IPS, Split-Ring White Plastic Escutcheon	8.93	3.56
22 11 19 00-0122	EA	1-1/2" IPS, Split-Ring White Plastic Escutcheon	9.54	3.78
22 11 19 00-0123	EA	2" IPS, Split-Ring White Plastic Escutcheon	10.76	4.31
22 11 19 00-0124	EA	2-1/2" IPS, Split-Ring White Plastic Escutcheon	13.74	4.64
22 11 19 00-0125	EA	3" IPS, Split-Ring White Plastic Escutcheon	16.74	4.85
22 11 19 00-0126	EA	4" IPS, Split-Ring White Plastic Escutcheon	20.26	5.40
22 11 19 00-0127		Chrome Plate Plastic Escutcheons *(22 11 19 00-0115)*		
22 11 19 00-0128	EA	1/2" IPS, Chrome Plate Plastic Escutcheon	8.58	2.69
22 11 19 00-0129	EA	3/4" IPS, Chrome Plate Plastic Escutcheon	9.36	3.02
22 11 19 00-0130	EA	1" IPS, Chrome Plate Plastic Escutcheon	10.50	3.24
22 11 19 00-0131	EA	1-1/4" IPS, Chrome Plate Plastic Escutcheon	11.65	3.56
22 11 19 00-0132	EA	1-1/2" IPS, Chrome Plate Plastic Escutcheon	12.27	3.78
22 11 19 00-0133	EA	2" IPS, Chrome Plate Plastic Escutcheon	15.41	4.31
22 11 19 00-0134	EA	2-1/2" IPS, Chrome Plate Plastic Escutcheon	22.12	4.64
22 11 19 00-0135	EA	3" IPS, Chrome Plate Plastic Escutcheon	22.93	4.85
22 11 19 00-0136	EA	4" IPS, Chrome Plate Plastic Escutcheon	24.51	5.40
22 11 19 00-0137		Stainless Steel Escutcheons *(22 11 19 00-0097)*		
22 11 19 00-0138		Shallow Stainless Steel Escutcheons *(22 11 19 00-0137)*		
22 11 19 00-0139	EA	3/8" IPS, Shallow Stainless Steel Escutcheon	17.59	2.71
22 11 19 00-0140	EA	1/2" IPS, Shallow Stainless Steel Escutcheon	17.59	2.71
22 11 19 00-0141	EA	3/4" IPS, Shallow Stainless Steel Escutcheon	25.22	3.03
22 11 19 00-0142		Chrome Plated Steel Escutcheons *(22 11 19 00-0097)*		
22 11 19 00-0143		Split-Ring Chrome Plated Steel Escutcheons *(22 11 19 00-0142)*		
22 11 19 00-0144	EA	1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	6.31	2.69
22 11 19 00-0145	EA	3/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	6.84	3.02
22 11 19 00-0146	EA	1" IPS, Split-Ring Chrome Plated Steel Escutcheon	7.55	3.24
22 11 19 00-0147	EA	1-1/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	8.09	3.56
22 11 19 00-0148	EA	1-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	8.63	3.78
22 11 19 00-0149	EA	2" IPS, Split-Ring Chrome Plated Steel Escutcheon	9.97	4.31
22 11 19 00-0150	EA	2-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	16.58	4.64
22 11 19 00-0151	EA	3" IPS, Split-Ring Chrome Plated Steel Escutcheon	17.62	4.85
22 11 19 00-0152	EA	3-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	22.39	5.17
22 11 19 00-0153	EA	4" IPS, Split-Ring Chrome Plated Steel Escutcheon	19.13	5.40
22 11 19 00-0154	EA	5" IPS, Split-Ring Chrome Plated Steel Escutcheon	25.50	5.93
22 11 19 00-0155	EA	6" IPS, Split-Ring Chrome Plated Steel Escutcheon	30.11	6.47
22 11 19 00-0156		Split-Ring/Springs Chrome Plated Steel Escutcheons *(22 11 19 00-0142)*		
22 11 19 00-0157	EA	3/8" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.39	2.69
22 11 19 00-0158	EA	1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.39	2.69
22 11 19 00-0159	EA	3/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	12.11	3.02
22 11 19 00-0160	EA	1" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.56	3.24
22 11 19 00-0161	EA	1-1/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	14.51	3.56
22 11 19 00-0162	EA	1-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	15.31	3.78
22 11 19 00-0163	EA	2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	18.28	4.31
22 11 19 00-0164	EA	2-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	21.33	4.64
22 11 19 00-0165	EA	3" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	26.67	4.85

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0166	EA	3-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	33.45	5.17
22 11 19 00-0167	EA	4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	33.80	5.40
22 11 19 00-0168	EA	5" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	58.22	5.93
22 11 19 00-0169	EA	6" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	60.55	6.47
22 11 19 00-0170		Deep Bell Chrome Plated Steel Escutcheons *(22 11 19 00-0142)*		
22 11 19 00-0171	EA	3/8" IPS, Deep Bell Chrome Plated Steel Escutcheon	7.89	3.03
22 11 19 00-0172	EA	1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	7.75	3.03
22 11 19 00-0173	EA	3/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	7.43	3.03
22 11 19 00-0174	EA	1" IPS, Deep Bell Chrome Plated Steel Escutcheon	8.40	3.25
22 11 19 00-0175	EA	1-1/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	9.13	3.58
22 11 19 00-0176	EA	1-1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	10.12	3.80
22 11 19 00-0177		Shallow Chrome Plated Steel Escutcheons *(22 11 19 00-0142)*		
22 11 19 00-0178	EA	3/8" IPS, Shallow Chrome Plated Steel Escutcheon	6.84	2.71
22 11 19 00-0179	EA	1/2" IPS, Shallow Chrome Plated Steel Escutcheon	6.84	2.71
22 11 19 00-0180	EA	3/4" IPS, Shallow Chrome Plated Steel Escutcheon	6.99	2.71
22 11 19 00-0181	EA	1" IPS, Shallow Chrome Plated Steel Escutcheon	7.51	3.25
22 11 19 00-0182	EA	1-1/4" IPS, Shallow Chrome Plated Steel Escutcheon	8.13	3.58
22 11 19 00-0183	EA	1-1/2" IPS, Shallow Chrome Plated Steel Escutcheon	9.10	3.80
22 11 19 00-0184	EA	2" IPS, Shallow Chrome Plated Steel Escutcheon	10.28	4.34
22 11 19 00-0185		Wall Hydrants *(22 11 19)* Note: Female inlet connection, 3/4" hose thread outlet.		
22 11 19 00-0186		Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants *(22 11 19 00-0185)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0187	EA	6" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	1,035.56	27.12
		For Cast Bronze Box, Add	*54.78*	
		For 1" NPT Outlet, Add	*129.12*	
22 11 19 00-0188	EA	12" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	1,085.91	32.54
		For Cast Bronze Box, Add	*54.78*	
		For 1" NPT Outlet, Add	*129.12*	
22 11 19 00-0189	EA	18" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	1,108.13	39.16
		For Cast Bronze Box, Add	*54.78*	
		For 1" NPT Outlet, Add	*129.12*	
22 11 19 00-0190		Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants *(22 11 19 00-0185)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0191	EA	Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	1,004.57	45.55
		For Cast Bronze Box, Add	*54.78*	
		For 1" NPT Outlet, Add	*129.12*	
22 11 19 00-0192		Cast Bronze Non-Freezing Wall Hydrant *(22 11 19 00-0185)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0193	EA	3" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	526.27	33.63
		For 1" NPT Outlet, Add	*129.12*	
22 11 19 00-0194	EA	4" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	664.98	33.63
		For 1" NPT Outlet, Add	*129.12*	
22 11 19 00-0195	EA	6" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	664.98	33.63
		For 1" NPT Outlet, Add	*129.12*	
22 11 19 00-0196	EA	8" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	664.98	33.63
		For 1" NPT Outlet, Add	*129.12*	
22 11 19 00-0197	EA	10" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	697.26	67.79
		For 1" NPT Outlet, Add	*129.12*	
22 11 19 00-0198	EA	12" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	697.26	67.79
		For 1" NPT Outlet, Add	*129.12*	
22 11 19 00-0199	EA	18" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	793.82	67.79
		For 1" NPT Outlet, Add	*129.12*	
22 11 19 00-0200		Stainless Steel Box Type Wall Hydrants *(22 11 19 00-0185)* Note: With 3/4" NPT female and 3/4" NPT male inlet connection.		
22 11 19 00-0201	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8140)	497.32	27.12
22 11 19 00-0202	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8141)	545.71	27.12
22 11 19 00-0203	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8150)	552.31	27.12
22 11 19 00-0204	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8151)	624.90	27.12
22 11 19 00-0205	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8145) Note: Includes hot and cold hose connections.	887.13	37.96
22 11 19 00-0206	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8146) Note: Includes hot and cold hose connections.	915.73	37.96
22 11 19 00-0207	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8155) Note: Includes hot and cold hose connections.	915.73	37.96
22 11 19 00-0208	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8156) Note: Includes hot and cold hose connections.	983.92	37.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0209		**Washer Boxes And Dryer Outlets** *(22 11 19)*		
22 11 19 00-0210		**Dryer Vent Kit** *(22 11 19 00-0209)* Note: Includes 4" flexible tubing plastic hood clamps and tailpipe.		
22 11 19 00-0211	EA	Dryer Vent Kit With Hood, 4" x 5' Flexible Vent And Clamps	76.65	14.10
22 11 19 00-0212		**Washer Boxes And Dryer Vents** *(22 11 19 00-0209)* Note: Includes 1/2" supply valves and mounting brackets.		
22 11 19 00-0213	EA	2" Washing Machine Outlet Box, Plastic, Two 1/2" Supply Valves	268.54	21.69
22 11 19 00-0214		**Ice Maker Outlet Box** *(22 11 19)* Note: Includes one 1/2" quarter turn ball valve and connections wall mount.		
22 11 19 00-0215	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	143.98	21.69
22 11 19 00-0216	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve With Water Hammer Arrestor, Wall Mount	146.80	21.69
22 11 19 00-0217	EA	Steel Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	220.35	21.69
22 11 19 00-0218		**Tempering Controllers For Potable Hot Water** *(22 11 19)*		
22 11 19 00-0219		**Point-Of-Use Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0218)* Note: Point-of-Use Water Tempering Valves: ASSE 1016, or 1070, with piston-control mechanism, positive shutoff of hot water when cold water supply is lost, bronze body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner.		
22 11 19 00-0220	EA	1/2" Inlets, 1/2" Outlet Sink/Faucet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-2007)	547.50	26.25
22 11 19 00-0221	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4004)	136.93	26.25
22 11 19 00-0222	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4008)	306.87	26.25
22 11 19 00-0223	EA	3/4" Inlets, 3/4" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4016)	350.02	35.37
22 11 19 00-0224		**Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0218)* Note: Standard Thermostatic, Water Mixing Valves: ASSE 1017, liquid-filled motor and piston control mechanism with positive shutoff of hot water when coldwater supply is lost. Water flow is shut off in event of thermostat failure. Bronze valve body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. Equipped with integral check stops and removable strainers.		
22 11 19 00-0225	EA	3/4" Inlets, 3/4" Outlet, 25 GPM Thermostatic Mixing Valve (Bradley S59-2025)	1,501.29	37.86
22 11 19 00-0226	EA	3/4" Inlets, 1" Outlet, 45 GPM Thermostatic Mixing Valve (Bradley S59-2045)	1,683.32	46.64
22 11 19 00-0227	EA	1" Inlets, 1-1/4" Outlet, 80 GPM Thermostatic Mixing Valve (Bradley S59-2080)	2,024.47	54.25
22 11 19 00-0228	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM Thermostatic Mixing Valve (Bradley S59-2130)	2,630.07	57.02
22 11 19 00-0229	EA	2" Inlets, 2" Outlet, 220 GPM Thermostatic Mixing Valve (Bradley S59-2200)	3,532.11	73.97
22 11 19 00-0230		**High Low Temperature Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0218)* Note: High Low Temperature Thermostatic Mixing Valves: ASSE 1017, liquid-filled thermal motor and piston control mechanism with positive shutoff of hot water when cold water supply is lost, and allowing restricted cold flow in event of loss or interruption of hot water supply. Flow is shut off in the event of thermostat failure. Equipped with integral check stops, thermometer, and removable strainers.		
22 11 19 00-0231	EA	3/4" Inlets, 1" Outlet, 45 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3045)	3,843.79	58.32
22 11 19 00-0232	EA	1" Inlets, 1-1/4" Outlet, 80 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3080)	5,006.39	67.81
22 11 19 00-0233	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3130)	5,842.08	71.27
22 11 19 00-0234	EA	2" Inlets, 2" Outlet, 220 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3200)	6,466.30	92.47
22 11 19 00-0235		**Thermostatic Mixing Valves (Leonard)** *(22 11 19 00-0218)* Note: Thermostatic Water Mixing Valve with Integral combination checkstops with strainers, 125 PSI (8.6 BAR) maximum operating pressure, Copper encapsulated thermostatic assembly with Teflon coated brass shuttle, Locking temperature regulating handle, Top or bottom supply/outlet connections, Integral circulation port connection		
22 11 19 00-0236	EA	3/4" In x 3/4" Out Thermostatic Mixing Valve (Leonard LV-981-RF) Note: For hot water or two pipe low pressure steam.	1,085.74	37.86
22 11 19 00-0237	EA	1" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-982-RF) Note: For hot water or two pipe low pressure steam.	1,277.42	46.63
22 11 19 00-0238	EA	1-1/4" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-983-RF) Note: For hot water or two pipe low pressure steam.	1,571.27	54.25
22 11 19 00-0239	EA	1-1/4" In x 1-1/2" Out Thermostatic Mixing Valve (Leonard LV-984-RF) Note: For hot water or two pipe low pressure steam.	1,925.07	57.04
22 11 19 00-0240	EA	2" In x 2" Out Thermostatic Mixing Valve (Leonard LV-985-RF) Note: For hot water or two pipe low pressure steam.	2,864.51	73.97
22 11 19 00-0241		**Water Mixing/Self Operating Temperature Regulator** *(22 11 19 00-0218)* Note: Includes high rate spring, temperature adjustment screw, temperature dial and remote bulb with 8' capillary tube.		
22 11 19 00-0242	EA	3/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,239.73	54.23
22 11 19 00-0243	EA	1" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,426.35	68.33
22 11 19 00-0244	EA	1-1/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,769.31	82.42
22 11 19 00-0245	EA	1-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	4,145.26	96.52
22 11 19 00-0246	EA	2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	4,937.41	126.90
22 11 19 00-0247	EA	2-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	5,841.09	144.72

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0248		Thermostatic Mixing Valves (Holby) *(22 11 19 00-0218)*		
22 11 19 00-0249	EA	2-1/2" Thermostatic Mixing Valve (Holby HOLBY2500)	5,129.94	74.00
22 11 19 00-0250		Backflow Preventer Valves *(22 11 19)*		
22 11 19 00-0251		Double Check Valve Backflow Preventer Assemblies *(22 11 19 00-0250)*		
22 11 19 00-0252		Threaded Double Check Valve Assemblies *(22 11 19 00-0251)*		
22 11 19 00-0253		Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0252)*		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series).		
22 11 19 00-0254	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	428.08	29.06
		For Work In Restricted Working Space, Add	*21.80*	
		For Owner Furnished Material, Deduct	*-355.42*	
22 11 19 00-0255	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	504.26	41.21
		For Work In Restricted Working Space, Add	*30.91*	
		For Owner Furnished Material, Deduct	*-401.23*	
22 11 19 00-0256	EA	1"Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	581.04	50.33
		For Work In Restricted Working Space, Add	*37.74*	
		For Owner Furnished Material, Deduct	*-455.23*	
22 11 19 00-0257	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	815.23	58.57
		For Work In Restricted Working Space, Add	*43.93*	
		For Owner Furnished Material, Deduct	*-668.81*	
22 11 19 00-0258	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	1,010.34	67.24
		For Work In Restricted Working Space, Add	*50.11*	
		For Owner Furnished Material, Deduct	*-843.32*	
22 11 19 00-0259	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	1,162.39	86.76
		For Work In Restricted Working Space, Add	*65.07*	
		For Owner Furnished Material, Deduct	*-945.48*	
22 11 19 00-0260		Double Check Valve Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0252)*		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series).		
22 11 19 00-0261	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	529.78	29.06
		For Work In Restricted Working Space, Add	*21.80*	
		For Owner Furnished Material, Deduct	*-457.12*	
22 11 19 00-0262	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	653.22	41.21
		For Work In Restricted Working Space, Add	*30.91*	
		For Owner Furnished Material, Deduct	*-550.19*	
22 11 19 00-0263	EA	1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	763.66	50.33
		For Work In Restricted Working Space, Add	*37.74*	
		For Owner Furnished Material, Deduct	*-637.85*	
22 11 19 00-0264	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,075.43	58.57
		For Work In Restricted Working Space, Add	*43.93*	
		For Owner Furnished Material, Deduct	*-929.01*	
22 11 19 00-0265	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,316.80	67.24
		For Work In Restricted Working Space, Add	*50.11*	
		For Owner Furnished Material, Deduct	*-1,149.78*	
22 11 19 00-0266	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,585.49	86.76
		For Work In Restricted Working Space, Add	*65.07*	
		For Owner Furnished Material, Deduct	*-1,368.58*	
22 11 19 00-0267		Flanged Double Check Valve Assemblies *(22 11 19 00-0251)*		
22 11 19 00-0268		Double Check Valve Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0267)*		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 NRS series).		
22 11 19 00-0269	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	5,829.34	239.71
		For Work In Restricted Working Space, Add	*95.88*	
		For Owner Furnished Material, Deduct	*-5,509.73*	
22 11 19 00-0270	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	6,404.83	269.68
		For Work In Restricted Working Space, Add	*106.37*	
		For Owner Furnished Material, Deduct	*-6,050.26*	
22 11 19 00-0271		Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0267)*		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 OSY series).		
22 11 19 00-0272	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF007 OSY)	6,389.37	239.71
		For Work In Restricted Working Space, Add	*95.88*	
		For Owner Furnished Material, Deduct	*-6,069.76*	
22 11 19 00-0273	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	7,338.21	269.68
		For Work In Restricted Working Space, Add	*106.37*	
		For Owner Furnished Material, Deduct	*-6,983.64*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0274			**Double Check Valve Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0267)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 NRS series).		
22 11 19 00-0275		EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	5,869.72	239.71
			For Work In Restricted Working Space, Add	*95.88*	
			For Owner Furnished Material, Deduct	*-5,550.13*	
22 11 19 00-0276		EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	4,468.91	269.68
			For Work In Restricted Working Space, Add	*106.37*	
			For Owner Furnished Material, Deduct	*-4,114.33*	
22 11 19 00-0277		EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	6,997.80	399.51
			For Work In Restricted Working Space, Add	*159.72*	
			For Owner Furnished Material, Deduct	*-6,465.40*	
22 11 19 00-0278		EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	10,641.25	601.55
			For Work In Restricted Working Space, Add	*326.00*	
			For Owner Furnished Material, Deduct	*-9,554.59*	
22 11 19 00-0279		EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	24,351.52	902.32
			For Work In Restricted Working Space, Add	*489.08*	
			For Owner Furnished Material, Deduct	*-22,721.26*	
22 11 19 00-0280		EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	31,284.49	1,067.26
			For Work In Restricted Working Space, Add	*582.14*	
			For Owner Furnished Material, Deduct	*-29,344.02*	
22 11 19 00-0281			**Double Check Valve Assemblies With Non-Rising Stem Shut-Offs And Strainer** *(22 11 19 00-0267)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series).		
22 11 19 00-0282		EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	8,180.50	399.51
			For Work In Restricted Working Space, Add	*159.71*	
			For Owner Furnished Material, Deduct	*-7,648.15*	
22 11 19 00-0283		EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	13,613.46	601.55
			For Work In Restricted Working Space, Add	*326.00*	
			For Owner Furnished Material, Deduct	*-12,526.80*	
22 11 19 00-0284		EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	36,355.08	1,067.26
			For Work In Restricted Working Space, Add	*582.14*	
			For Owner Furnished Material, Deduct	*-34,414.61*	
22 11 19 00-0285			**Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0267)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 OSY series).		
22 11 19 00-0286		EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	6,236.11	239.71
			For Work In Restricted Working Space, Add	*95.88*	
			For Owner Furnished Material, Deduct	*-5,916.52*	
22 11 19 00-0287		EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series)	6,852.01	269.68
			For Work In Restricted Working Space, Add	*106.37*	
			For Owner Furnished Material, Deduct	*-6,497.44*	
22 11 19 00-0288		EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	7,426.83	399.51
			For Work In Restricted Working Space, Add	*159.71*	
			For Owner Furnished Material, Deduct	*-6,894.48*	
22 11 19 00-0289		EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	12,465.54	601.55
			For Work In Restricted Working Space, Add	*326.00*	
			For Owner Furnished Material, Deduct	*-11,378.88*	
22 11 19 00-0290		EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	25,866.31	902.32
			For Work In Restricted Working Space, Add	*489.00*	
			For Owner Furnished Material, Deduct	*-24,236.31*	
22 11 19 00-0291		EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	33,239.33	1,067.26
			For Work In Restricted Working Space, Add	*582.14*	
			For Owner Furnished Material, Deduct	*-31,298.86*	
22 11 19 00-0292			**Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0267)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series).		
22 11 19 00-0293		EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	3,704.97	239.71
			For Work In Restricted Working Space, Add	*95.88*	
			For Owner Furnished Material, Deduct	*-3,385.38*	
22 11 19 00-0294		EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	4,078.69	269.68
			For Work In Restricted Working Space, Add	*106.37*	
			For Owner Furnished Material, Deduct	*-3,724.12*	
22 11 19 00-0295		EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	4,595.20	399.51
			For Work In Restricted Working Space, Add	*159.71*	
			For Owner Furnished Material, Deduct	*-4,062.85*	
22 11 19 00-0296		EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	7,439.50	601.55
			For Work In Restricted Working Space, Add	*326.00*	
			For Owner Furnished Material, Deduct	*-6,352.84*	
22 11 19 00-0297		EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	14,190.10	902.32
			For Work In Restricted Working Space, Add	*489.00*	
			For Owner Furnished Material, Deduct	*-12,560.10*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0298	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	15,380.66	1,067.26
		For Work In Restricted Working Space, Add	*582.14*	
		For Owner Furnished Material, Deduct	*-13,440.19*	

22 11 19 00-0299 N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series).

22 11 19 00-0300	EA	2-1/2" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	4,906.18	239.71
		For Work In Restricted Working Space, Add	*95.88*	
		For Owner Furnished Material, Deduct	*-4,586.59*	
22 11 19 00-0301	EA	3" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	5,279.89	269.68
		For Work In Restricted Working Space, Add	*106.37*	
		For Owner Furnished Material, Deduct	*-4,925.32*	
22 11 19 00-0302	EA	4" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757 OSY Series)	6,602.46	399.51
		For Work In Restricted Working Space, Add	*159.71*	
		For Owner Furnished Material, Deduct	*-6,070.11*	
22 11 19 00-0303	EA	6" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	10,799.74	601.55
		For Work In Restricted Working Space, Add	*326.00*	
		For Owner Furnished Material, Deduct	*-9,713.08*	
22 11 19 00-0304	EA	8" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	19,170.31	902.32
		For Work In Restricted Working Space, Add	*489.00*	
		For Owner Furnished Material, Deduct	*-17,540.31*	
22 11 19 00-0305	EA	10" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	22,812.39	1,067.26
		For Work In Restricted Working Space, Add	*582.14*	
		For Owner Furnished Material, Deduct	*-20,871.92*	

22 11 19 00-0306 Double Check Valve Assemblies With Non-Rising Stem Shut-Off Valves *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series).

22 11 19 00-0307	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	3,466.06	239.71
		For Work In Restricted Working Space, Add	*95.88*	
		For Owner Furnished Material, Deduct	*-3,146.47*	
22 11 19 00-0308	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	3,850.64	269.68
		For Work In Restricted Working Space, Add	*106.37*	
		For Owner Furnished Material, Deduct	*-3,496.07*	
22 11 19 00-0309	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	4,377.88	399.51
		For Work In Restricted Working Space, Add	*159.71*	
		For Owner Furnished Material, Deduct	*-3,845.53*	
22 11 19 00-0310	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	7,268.77	601.55
		For Work In Restricted Working Space, Add	*326.00*	
		For Owner Furnished Material, Deduct	*-6,182.11*	
22 11 19 00-0311	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	14,025.57	902.32
		For Work In Restricted Working Space, Add	*489.00*	
		For Owner Furnished Material, Deduct	*-12,395.57*	
22 11 19 00-0312	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	15,840.04	1,067.26
		For Work In Restricted Working Space, Add	*582.14*	
		For Owner Furnished Material, Deduct	*-13,899.57*	

22 11 19 00-0313 N-Pattern Double Check Valve Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0267)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series).

22 11 19 00-0314	EA	2-1/2" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	4,566.54	239.71
		For Work In Restricted Working Space, Add	*95.88*	
		For Owner Furnished Material, Deduct	*-4,246.95*	
22 11 19 00-0315	EA	3" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	4,940.25	269.68
		For Work In Restricted Working Space, Add	*106.37*	
		For Owner Furnished Material, Deduct	*-4,585.68*	
22 11 19 00-0316	EA	4" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	6,263.24	399.51
		For Work In Restricted Working Space, Add	*159.71*	
		For Owner Furnished Material, Deduct	*-5,730.89*	
22 11 19 00-0317	EA	6" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	10,438.43	601.55
		For Work In Restricted Working Space, Add	*326.00*	
		For Owner Furnished Material, Deduct	*-9,351.77*	
22 11 19 00-0318	EA	8" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	18,623.44	902.32
		For Work In Restricted Working Space, Add	*489.00*	
		For Owner Furnished Material, Deduct	*-16,993.44*	
22 11 19 00-0319	EA	10" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	22,263.92	1,067.26
		For Work In Restricted Working Space, Add	*582.14*	
		For Owner Furnished Material, Deduct	*-20,323.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0320		Double Check Valve Assemblies With Butterfly Shut-Off Valves *(22 11 19 00-0267)* Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series).		
22 11 19 00-0321	EA	2-1/2" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	4,031.10	239.71
		For Work In Restricted Working Space, Add	*95.88*	
		For Owner Furnished Material, Deduct	*-3,711.51*	
22 11 19 00-0322	EA	3" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	4,404.81	269.68
		For Work In Restricted Working Space, Add	*106.37*	
		For Owner Furnished Material, Deduct	*-4,050.24*	
22 11 19 00-0323	EA	4" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	4,921.33	399.51
		For Work In Restricted Working Space, Add	*159.71*	
		For Owner Furnished Material, Deduct	*-4,388.98*	
22 11 19 00-0324	EA	6" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	7,773.84	601.55
		For Work In Restricted Working Space, Add	*326.00*	
		For Owner Furnished Material, Deduct	*-6,687.18*	
22 11 19 00-0325	EA	8" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	14,524.44	902.32
		For Work In Restricted Working Space, Add	*489.00*	
		For Owner Furnished Material, Deduct	*-12,894.44*	
22 11 19 00-0326		N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs *(22 11 19 00-0267)* Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series).		
22 11 19 00-0327	EA	2-1/2" N-Pattern Flanged Double Check Assembly With Butterfly Valves (Watts 757 BFG series)	5,232.31	239.71
		For Work In Restricted Working Space, Add	*95.88*	
		For Owner Furnished Material, Deduct	*-4,912.72*	
22 11 19 00-0328	EA	3" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	5,606.02	269.68
		For Work In Restricted Working Space, Add	*106.37*	
		For Owner Furnished Material, Deduct	*-5,251.45*	
22 11 19 00-0329	EA	4" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	6,928.58	399.51
		For Work In Restricted Working Space, Add	*159.71*	
		For Owner Furnished Material, Deduct	*-6,396.23*	
22 11 19 00-0330	EA	6" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	11,134.15	601.55
		For Work In Restricted Working Space, Add	*326.00*	
		For Owner Furnished Material, Deduct	*-10,047.49*	
22 11 19 00-0331	EA	8" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	14,524.44	902.32
		For Work In Restricted Working Space, Add	*489.00*	
		For Owner Furnished Material, Deduct	*-12,894.44*	
22 11 19 00-0332		Grooved Double Check Valve Assemblies *(22 11 19 00-0251)*		
22 11 19 00-0333		Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0332)* Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series).		
22 11 19 00-0334	EA	2-1/2" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	3,466.06	127.85
		For Work In Restricted Working Space, Add	*95.88*	
		For Owner Furnished Material, Deduct	*-3,146.47*	
22 11 19 00-0335	EA	3" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	3,850.64	141.83
		For Work In Restricted Working Space, Add	*106.37*	
		For Owner Furnished Material, Deduct	*-3,496.07*	
22 11 19 00-0336		N-Patten Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0332)* Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series).		
22 11 19 00-0337	EA	2-1/2" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	4,566.54	127.85
		For Work In Restricted Working Space, Add	*95.88*	
		For Owner Furnished Material, Deduct	*-4,246.95*	
22 11 19 00-0338	EA	3" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	4,940.25	141.83
		For Work In Restricted Working Space, Add	*106.37*	
		For Owner Furnished Material, Deduct	*-4,585.68*	
22 11 19 00-0339		Reduced Pressure Zone Backflow Preventer Assemblies *(22 11 19 00-0250)*		
22 11 19 00-0340		Threaded Reduced Pressure Zone Assemblies *(22 11 19 00-0339)*		
22 11 19 00-0341		Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0340)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
22 11 19 00-0342	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	476.28	25.16
		For Work In Restricted Working Space, Add	*18.87*	
		For Owner Furnished Material, Deduct	*-413.38*	
22 11 19 00-0343	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	502.86	27.76
		For Work In Restricted Working Space, Add	*20.82*	
		For Owner Furnished Material, Deduct	*-433.45*	
22 11 19 00-0344	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	586.12	29.06
		For Work In Restricted Working Space, Add	*21.80*	
		For Owner Furnished Material, Deduct	*-513.46*	
22 11 19 00-0345	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	786.87	41.21
		For Work In Restricted Working Space, Add	*30.91*	
		For Owner Furnished Material, Deduct	*-683.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0346	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	933.40	50.33
		For Work In Restricted Working Space, Add	*37.74*	
		For Owner Furnished Material, Deduct	*-807.59*	
22 11 19 00-0347	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,413.30	58.57
		For Work In Restricted Working Space, Add	*43.93*	
		For Owner Furnished Material, Deduct	*-1,266.88*	
22 11 19 00-0348	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,493.48	67.24
		For Work In Restricted Working Space, Add	*50.11*	
		For Owner Furnished Material, Deduct	*-1,326.46*	
22 11 19 00-0349	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,790.96	86.76
		For Work In Restricted Working Space, Add	*65.07*	
		For Owner Furnished Material, Deduct	*-1,574.05*	

22 11 19 00-0350 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series).

22 11 19 00-0351	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	526.32	25.16
		For Work In Restricted Working Space, Add	*18.87*	
		For Owner Furnished Material, Deduct	*-463.42*	
22 11 19 00-0352	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	555.60	27.76
		For Work In Restricted Working Space, Add	*20.82*	
		For Owner Furnished Material, Deduct	*-486.19*	
22 11 19 00-0353	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	658.40	41.21
		For Work In Restricted Working Space, Add	*21.80*	
		For Owner Furnished Material, Deduct	*-585.74*	
22 11 19 00-0354	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	900.45	41.21
		For Work In Restricted Working Space, Add	*30.91*	
		For Owner Furnished Material, Deduct	*-797.42*	
22 11 19 00-0355	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,075.43	50.33
		For Work In Restricted Working Space, Add	*37.74*	
		For Owner Furnished Material, Deduct	*-949.62*	
22 11 19 00-0356	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,606.98	58.57
		For Work In Restricted Working Space, Add	*43.93*	
		For Owner Furnished Material, Deduct	*-1,460.56*	
22 11 19 00-0357	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,766.81	67.24
		For Work In Restricted Working Space, Add	*50.11*	
		For Owner Furnished Material, Deduct	*-1,599.79*	
22 11 19 00-0358	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	2,126.31	86.76
		For Work In Restricted Working Space, Add	*65.07*	
		For Owner Furnished Material, Deduct	*-1,909.40*	

22 11 19 00-0359 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series).

22 11 19 00-0360	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	786.87	41.21
		For Work In Restricted Working Space, Add	*30.91*	
		For Owner Furnished Material, Deduct	*-683.84*	
22 11 19 00-0361	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	933.40	50.33
		For Work In Restricted Working Space, Add	*37.74*	
		For Owner Furnished Material, Deduct	*-807.59*	
22 11 19 00-0362	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,413.30	58.57
		For Work In Restricted Working Space, Add	*43.93*	
		For Owner Furnished Material, Deduct	*-1,266.88*	
22 11 19 00-0363	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,493.48	67.24
		For Work In Restricted Working Space, Add	*50.11*	
		For Owner Furnished Material, Deduct	*-1,326.46*	
22 11 19 00-0364	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,790.96	86.76
		For Work In Restricted Working Space, Add	*65.07*	
		For Owner Furnished Material, Deduct	*-1,574.05*	

22 11 19 00-0365 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series).

22 11 19 00-0366	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	1,630.50	41.21
		For Work In Restricted Working Space, Add	*30.91*	
		For Owner Furnished Material, Deduct	*-1,527.47*	
22 11 19 00-0367	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	1,929.72	50.33
		For Work In Restricted Working Space, Add	*37.74*	
		For Owner Furnished Material, Deduct	*-1,803.91*	
22 11 19 00-0368	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	2,972.50	58.57
		For Work In Restricted Working Space, Add	*43.93*	
		For Owner Furnished Material, Deduct	*-2,826.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0369	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	3,212.96	67.24
		For Work In Restricted Working Space, Add	*50.11*	
		For Owner Furnished Material, Deduct	*-3,045.94*	
22 11 19 00-0370	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	3,725.72	86.76
		For Work In Restricted Working Space, Add	*65.07*	
		For Owner Furnished Material, Deduct	*-3,508.81*	

22 11 19 00-0371 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts LF909 QT-S series).

22 11 19 00-0372	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S)	2,198.29	41.21
		For Work In Restricted Working Space, Add	*30.91*	
		For Owner Furnished Material, Deduct	*-2,095.26*	
22 11 19 00-0373	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S)	2,612.96	50.33
		For Work In Restricted Working Space, Add	*37.74*	
		For Owner Furnished Material, Deduct	*-2,487.15*	
22 11 19 00-0374	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	3,986.70	58.57
		For Work In Restricted Working Space, Add	*43.93*	
		For Owner Furnished Material, Deduct	*-3,840.28*	
22 11 19 00-0375	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	4,354.45	67.24
		For Work In Restricted Working Space, Add	*50.11*	
		For Owner Furnished Material, Deduct	*-4,187.43*	
22 11 19 00-0376	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	5,171.16	86.76
		For Work In Restricted Working Space, Add	*65.07*	
		For Owner Furnished Material, Deduct	*-4,954.25*	

22 11 19 00-0377 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0340)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series).

22 11 19 00-0378	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	900.45	41.21
		For Work In Restricted Working Space, Add	*30.91*	
		For Owner Furnished Material, Deduct	*-797.42*	
22 11 19 00-0379	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,075.43	50.33
		For Work In Restricted Working Space, Add	*37.74*	
		For Owner Furnished Material, Deduct	*-949.62*	
22 11 19 00-0380	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,606.98	58.57
		For Work In Restricted Working Space, Add	*43.93*	
		For Owner Furnished Material, Deduct	*-1,460.56*	
22 11 19 00-0381	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,766.81	67.24
		For Work In Restricted Working Space, Add	*50.11*	
		For Owner Furnished Material, Deduct	*-1,599.79*	
22 11 19 00-0382	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	2,126.31	86.76
		For Work In Restricted Working Space, Add	*65.07*	
		For Owner Furnished Material, Deduct	*-1,909.40*	

22 11 19 00-0383 Flanged Reduced Pressure Zone Assemblies *(22 11 19 00-0339)*

22 11 19 00-0384 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0383)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 NRS series).

22 11 19 00-0385	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series)	5,359.86	239.71
		For Work In Restricted Working Space, Add	*95.88*	
		For Owner Furnished Material, Deduct	*-5,040.25*	
22 11 19 00-0386	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series)	6,039.83	269.68
		For Work In Restricted Working Space, Add	*106.37*	
		For Owner Furnished Material, Deduct	*-5,685.26*	

22 11 19 00-0387 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer *(22 11 19 00-0383)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF009 NRS-S-FDA series).

22 11 19 00-0388	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series)	6,393.55	239.71
		For Work In Restricted Working Space, Add	*95.88*	
		For Owner Furnished Material, Deduct	*-6,073.94*	
22 11 19 00-0389	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series)	7,240.69	269.68
		For Work In Restricted Working Space, Add	*106.37*	
		For Owner Furnished Material, Deduct	*-6,886.12*	

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CSI		UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0390			**Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0383)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 OSY series).		
	22 11 19 00-0391	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series)	5,755.51	239.71
			For Work In Restricted Working Space, Add	*95.88*	
			For Owner Furnished Material, Deduct	*-5,435.90*	
	22 11 19 00-0392	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series)	6,697.38	269.68
			For Work In Restricted Working Space, Add	*106.37*	
			For Owner Furnished Material, Deduct	*-6,342.81*	
22 11 19 00-0393			**Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs And Strainer** *(22 11 19 00-0383)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies. (Watts LF009 OSY-S-FDA Series)		
	22 11 19 00-0394	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series)	6,393.55	239.71
			For Work In Restricted Working Space, Add	*95.88*	
			For Owner Furnished Material, Deduct	*-6,073.94*	
	22 11 19 00-0395	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series)	7,240.69	269.68
			For Work In Restricted Working Space, Add	*106.37*	
			For Owner Furnished Material, Deduct	*-6,886.12*	
22 11 19 00-0396			**Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0383)* Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts LF009 QT-FDA series).		
	22 11 19 00-0397	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series)	7,099.85	239.71
			For Work In Restricted Working Space, Add	*95.88*	
			For Owner Furnished Material, Deduct	*-6,780.24*	
	22 11 19 00-0398	EA	3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series)	8,217.25	269.68
			For Work In Restricted Working Space, Add	*106.37*	
			For Owner Furnished Material, Deduct	*-7,862.68*	
22 11 19 00-0399			**Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0383)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 NRS series).		
	22 11 19 00-0400	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	9,220.14	239.71
			For Work In Restricted Working Space, Add	*95.88*	
			For Owner Furnished Material, Deduct	*-8,900.55*	
	22 11 19 00-0401	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	10,475.49	269.68
			For Work In Restricted Working Space, Add	*106.37*	
			For Owner Furnished Material, Deduct	*-10,120.91*	
	22 11 19 00-0402	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	13,184.58	399.51
			For Work In Restricted Working Space, Add	*159.72*	
			For Owner Furnished Material, Deduct	*-12,652.18*	
	22 11 19 00-0403	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	19,904.63	601.55
			For Work In Restricted Working Space, Add	*456.43*	
			For Owner Furnished Material, Deduct	*-18,383.20*	
	22 11 19 00-0404	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series)	33,025.53	902.32
			For Work In Restricted Working Space, Add	*684.64*	
			For Owner Furnished Material, Deduct	*-30,743.39*	
	22 11 19 00-0405	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series)	42,659.40	1,067.26
			For Work In Restricted Working Space, Add	*582.14*	
			For Owner Furnished Material, Deduct	*-40,718.93*	
22 11 19 00-0406			**Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Epoxy Coated Strainer** *(22 11 19 00-0383)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF909 NRS-S-FDA series).		
	22 11 19 00-0407	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	9,937.59	239.71
			For Work In Restricted Working Space, Add	*95.88*	
			For Owner Furnished Material, Deduct	*-9,618.00*	
	22 11 19 00-0408	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	11,230.54	269.68
			For Work In Restricted Working Space, Add	*106.37*	
			For Owner Furnished Material, Deduct	*-10,875.97*	
	22 11 19 00-0409	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	14,342.20	399.51
			For Work In Restricted Working Space, Add	*159.71*	
			For Owner Furnished Material, Deduct	*-13,809.85*	
	22 11 19 00-0410	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	21,648.89	601.55
			For Work In Restricted Working Space, Add	*326.00*	
			For Owner Furnished Material, Deduct	*-20,562.23*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0411	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	35,063.61	902.32
		For Work In Restricted Working Space, Add	*489.00*	
		For Owner Furnished Material, Deduct	*-33,433.61*	
22 11 19 00-0412	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	47,598.62	1,067.26
		For Work In Restricted Working Space, Add	*582.14*	
		For Owner Furnished Material, Deduct	*-45,658.15*	
22 11 19 00-0413		Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0383)*		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 OSY series).		
22 11 19 00-0414	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	9,810.81	239.71
		For Work In Restricted Working Space, Add	*95.88*	
		For Owner Furnished Material, Deduct	*-9,491.22*	
22 11 19 00-0415	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	11,152.54	269.68
		For Work In Restricted Working Space, Add	*106.37*	
		For Owner Furnished Material, Deduct	*-10,797.96*	
22 11 19 00-0416	EA	4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	14,026.02	399.51
		For Work In Restricted Working Space, Add	*159.72*	
		For Owner Furnished Material, Deduct	*-13,493.62*	
22 11 19 00-0417	EA	6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	20,696.47	601.55
		For Work In Restricted Working Space, Add	*326.00*	
		For Owner Furnished Material, Deduct	*-19,609.81*	
22 11 19 00-0418	EA	8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series)	34,423.90	902.32
		For Work In Restricted Working Space, Add	*489.00*	
		For Owner Furnished Material, Deduct	*-32,793.90*	
22 11 19 00-0419	EA	10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series)	45,372.47	1,067.26
		For Work In Restricted Working Space, Add	*582.14*	
		For Owner Furnished Material, Deduct	*-43,432.00*	
22 11 19 00-0420		Double Check Detector Assemblies *(22 11 19 00-0250)*		
22 11 19 00-0421		Flanged Double Check Detector Assemblies With Meter *(22 11 19 00-0420)*		
22 11 19 00-0422		Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter *(22 11 19 00-0421)*		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series).		
22 11 19 00-0423	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	7,352.21	269.68
		For Work In Restricted Working Space, Add	*106.37*	
		For Owner Furnished Material, Deduct	*-6,997.64*	
22 11 19 00-0424	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	7,692.35	399.51
		For Work In Restricted Working Space, Add	*159.71*	
		For Owner Furnished Material, Deduct	*-7,160.00*	
22 11 19 00-0425	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	10,384.17	601.55
		For Work In Restricted Working Space, Add	*326.00*	
		For Owner Furnished Material, Deduct	*-9,297.51*	
22 11 19 00-0426	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	18,435.79	902.32
		For Work In Restricted Working Space, Add	*489.00*	
		For Owner Furnished Material, Deduct	*-16,805.79*	
22 11 19 00-0427	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	24,908.31	1,067.26
		For Work In Restricted Working Space, Add	*582.14*	
		For Owner Furnished Material, Deduct	*-22,967.84*	
22 11 19 00-0428		Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter *(22 11 19 00-0421)*		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series).		
22 11 19 00-0429	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	5,503.70	239.71
		For Work In Restricted Working Space, Add	*95.88*	
		For Owner Furnished Material, Deduct	*-5,184.09*	
22 11 19 00-0430	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	5,877.05	269.68
		For Work In Restricted Working Space, Add	*106.37*	
		For Owner Furnished Material, Deduct	*-5,522.48*	
22 11 19 00-0431	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	6,401.57	399.51
		For Work In Restricted Working Space, Add	*159.71*	
		For Owner Furnished Material, Deduct	*-5,869.22*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0432	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	8,707.78	601.55
		For Work In Restricted Working Space, Add	*326.00*	
		For Owner Furnished Material, Deduct	*-7,621.12*	
22 11 19 00-0433	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	15,405.86	902.32
		For Work In Restricted Working Space, Add	*489.00*	
		For Owner Furnished Material, Deduct	*-13,775.86*	
22 11 19 00-0434	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	18,166.59	1,067.26
		For Work In Restricted Working Space, Add	*582.14*	
		For Owner Furnished Material, Deduct	*-16,226.12*	
22 11 19 00-0435		**Double Check Detector Assembly With Butterfly Valves And Meter** *(22 11 19 00-0421)* Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series).		
22 11 19 00-0436	EA	2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	5,829.90	239.71
		For Work In Restricted Working Space, Add	*95.88*	
		For Owner Furnished Material, Deduct	*-5,510.29*	
22 11 19 00-0437	EA	3" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	6,203.24	269.68
		For Work In Restricted Working Space, Add	*106.37*	
		For Owner Furnished Material, Deduct	*-5,848.67*	
22 11 19 00-0438	EA	4" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	6,727.70	399.51
		For Work In Restricted Working Space, Add	*159.71*	
		For Owner Furnished Material, Deduct	*-6,195.35*	
22 11 19 00-0439	EA	6" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	9,042.13	601.55
		For Work In Restricted Working Space, Add	*326.00*	
		For Owner Furnished Material, Deduct	*-7,955.47*	
22 11 19 00-0440	EA	8" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	15,004.71	902.32
		For Work In Restricted Working Space, Add	*489.00*	
		For Owner Furnished Material, Deduct	*-13,374.71*	
22 11 19 00-0441		**Flanged Double Check Detector Assemblies Without Meter** *(22 11 19 00-0420)*		
22 11 19 00-0442		**Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter** *(22 11 19 00-0441)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).		
22 11 19 00-0443	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	5,400.71	239.71
		For Work In Restricted Working Space, Add	*95.88*	
22 11 19 00-0444	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	5,774.10	269.68
		For Work In Restricted Working Space, Add	*106.37*	
22 11 19 00-0445	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	6,298.62	399.51
		For Work In Restricted Working Space, Add	*159.71*	
22 11 19 00-0446	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	8,604.83	601.55
		For Work In Restricted Working Space, Add	*326.00*	
22 11 19 00-0447	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	15,302.98	902.32
		For Work In Restricted Working Space, Add	*489.00*	
22 11 19 00-0448	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	18,063.57	1,067.26
		For Work In Restricted Working Space, Add	*582.14*	
22 11 19 00-0449		**Double Check Detector Assembly With Butterfly Valves Less Meter** *(22 11 19 00-0441)* Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).		
22 11 19 00-0450	EA	2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	5,726.88	239.71
		For Work In Restricted Working Space, Add	*95.88*	
22 11 19 00-0451	EA	3" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	6,100.22	269.68
		For Work In Restricted Working Space, Add	*106.37*	
22 11 19 00-0452	EA	4" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	6,624.75	399.51
		For Work In Restricted Working Space, Add	*159.71*	
22 11 19 00-0453	EA	6" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	8,939.11	601.55
		For Work In Restricted Working Space, Add	*326.00*	
22 11 19 00-0454	EA	8" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	15,637.32	902.32
		For Work In Restricted Working Space, Add	*489.00*	
22 11 19 00-0455		**Flanged Double Check Detector Assemblies** *(22 11 19 00-0420)*		
22 11 19 00-0456		**Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0455)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 774 DCDA OSY series).		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0457	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs (Watts 774 DCDA OSY series)	5,214.35	239.71
		For Work In Restricted Working Space, Add	*95.88*	
		For Owner Furnished Material, Deduct	*-4,894.74*	
22 11 19 00-0458	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs (Watts 774 DCDA OSY series)	6,313.09	269.68
		For Work In Restricted Working Space, Add	*106.37*	
		For Owner Furnished Material, Deduct	*-5,958.52*	
22 11 19 00-0459	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs (Watts 774 DCDA OSY series)	6,996.78	399.51
		For Work In Restricted Working Space, Add	*159.71*	
		For Owner Furnished Material, Deduct	*-6,464.43*	
22 11 19 00-0460	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs (Watts 774 DCDA OSY series)	8,823.69	601.55
		For Work In Restricted Working Space, Add	*326.00*	
		For Owner Furnished Material, Deduct	*-7,737.03*	
22 11 19 00-0461	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs (Watts 774 DCDA OSY series)	15,615.45	902.32
		For Work In Restricted Working Space, Add	*489.00*	
		For Owner Furnished Material, Deduct	*-13,985.45*	
22 11 19 00-0462	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs (Watts 774 DCDA OSY series)	21,053.73	1,067.26
		For Work In Restricted Working Space, Add	*582.14*	
		For Owner Furnished Material, Deduct	*-19,113.26*	
22 11 19 00-0463	EA	12" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs (Watts 774 DCDA OSY series)	28,101.50	1,280.71
		For Work In Restricted Working Space, Add	*698.57*	
		For Owner Furnished Material, Deduct	*-25,772.93*	
22 11 19 00-0464		**Backflow Preventer Accessories** *(22 11 19 00-0250)*		
22 11 19 00-0465		**Air Gap** *(22 11 19 00-0464)*		
22 11 19 00-0466	EA	Up To 1" Diameter Air Gap For Backflow Preventer	121.70	13.56
22 11 19 00-0467	EA	1-1/4" To 2" Diameter Air Gap For Backflow Preventer	149.80	16.27
22 11 19 00-0468	EA	2-1/2" To 3" Diameter Air Gap For Backflow Preventer	282.08	21.69
22 11 19 00-0469	EA	4" To 6" Diameter Air Gap For Backflow Preventer	558.37	37.96
22 11 19 00-0470	EA	8" To 10" Diameter Air Gap For Backflow Preventer	590.91	54.23
22 11 19 00-0471		**Brass Test Cocks** *(22 11 19 00-0464)*		
22 11 19 00-0472	EA	1/8" Or 1/4" Brass Test Cock	49.55	5.42
22 11 19 00-0473		**Backflow Valve Enclosures** *(22 11 19 00-0250)*		
22 11 19 00-0474		**Flip-Top, Insulated Fiberglass Valve Enclosures** *(22 11 19 00-0473)*		
		Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0475	EA	19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,282.00	97.61
		For Heated Enclosure, Add	*167.90*	
22 11 19 00-0476	EA	27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,595.19	97.61
		For Heated Enclosure, Add	*214.88*	
22 11 19 00-0477	EA	27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,050.74	89.89
		For Heated Enclosure, Add	*285.14*	
22 11 19 00-0478	EA	33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,108.85	119.86
		For Heated Enclosure, Add	*286.36*	
22 11 19 00-0479	EA	39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,215.06	119.86
		For Heated Enclosure, Add	*302.30*	
22 11 19 00-0480	EA	47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,629.02	119.86
		For Heated Enclosure, Add	*364.39*	
22 11 19 00-0481	EA	39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,639.91	119.86
		For Heated Enclosure, Add	*366.02*	
22 11 19 00-0482	EA	47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	3,345.26	119.86
		For Heated Enclosure, Add	*471.83*	
22 11 19 00-0483	EA	70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	7,786.21	179.78
		For Heated Enclosure, Add	*1,122.99*	
22 11 19 00-0484	EA	83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	11,345.67	179.78
		For Heated Enclosure, Add	*1,656.90*	
22 11 19 00-0485	EA	70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	10,773.76	179.78
		For Heated Enclosure, Add	*1,571.12*	
22 11 19 00-0486	EA	83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	12,977.88	209.75
		For Heated Enclosure, Add	*1,894.25*	
22 11 19 00-0487		**One-Piece Drop Over, Insulated Fiberglass Valve Enclosures** *(22 11 19 00-0473)*		
		Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0488	EA	20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	724.23	26.03
		For Heated Enclosure, Add	*136.17*	
22 11 19 00-0489	EA	27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,012.91	26.03
		For Heated Enclosure, Add	*193.90*	
22 11 19 00-0490	EA	38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,276.36	23.97
		For Heated Enclosure, Add	*247.28*	
22 11 19 00-0491	EA	47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,935.42	23.97
		For Heated Enclosure, Add	*379.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0492	EA	70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	5,020.57	44.94
		For Heated Enclosure, Add	*989.13*	
22 11 19 00-0493	EA	83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	6,864.30	44.94
		For Heated Enclosure, Add	*1,357.88*	
22 11 19 00-0494	EA	45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	4,563.04	44.94
		For Heated Enclosure, Add	*897.63*	
22 11 19 00-0495	EA	53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	5,167.63	44.94
		For Heated Enclosure, Add	*1,018.54*	
22 11 19 00-0496	EA	61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	8,100.71	44.94
		For Heated Enclosure, Add	*1,605.16*	

22 11 19 00-0497 Lift-Off Lightweight Backflow Valve Enclosures With Recessed Locksheild Brackets *(22 11 19 00-0473)*

Note: 1-1/2", 0.095" wall tubular steel framework with 1" x 1" x 1/8" angle iron, 1/2" #13 gauge diamond pattern rolled expanded metal, all welded construction. Excludes concrete pad.

22 11 19 00-0498	EA	22" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures Note: BP-1	759.62	97.61
22 11 19 00-0499	EA	30" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures Note: BP-2	843.32	119.86
22 11 19 00-0500	EA	40" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures Note: BP-3	917.94	119.86
22 11 19 00-0501	EA	46" Length x 10" Width x 30" Height, Backflow Preventer Caged Enclosures Note: BP-4	1,130.59	119.86

22 11 19 00-0502 Sectional, Insulated Aluminum Valve Enclosures *(22 11 19 00-0473)*

Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.

22 11 19 00-0503	EA	70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	10,162.22	195.22
		For Heated Enclosure, Add	*1,475.53*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0504	EA	83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	11,216.17	195.22
		For Heated Enclosure, Add	*1,633.62*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0505	EA	53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	7,914.21	179.78
		For Heated Enclosure, Add	*1,142.19*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0506	EA	53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	8,693.10	179.78
		For Heated Enclosure, Add	*1,259.02*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0507	EA	90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	10,092.02	239.71
		For Heated Enclosure, Add	*1,453.88*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0508	EA	102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	11,339.33	239.71
		For Heated Enclosure, Add	*1,640.97*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0509	EA	90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	11,339.33	239.71
		For Heated Enclosure, Add	*1,640.97*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0510	EA	102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	12,548.51	239.71
		For Heated Enclosure, Add	*1,822.35*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0511	EA	62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	9,399.36	209.75
		For Heated Enclosure, Add	*1,357.47*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0512	EA	62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	11,009.80	239.71
		For Heated Enclosure, Add	*1,591.54*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0513	EA	105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	12,897.10	239.71
		For Heated Enclosure, Add	*1,874.64*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0514	EA	125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	14,163.94	254.69
		For Heated Enclosure, Add	*2,060.92*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0515	EA	105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	14,513.58	276.56
		For Heated Enclosure, Add	*2,107.90*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0516	EA	125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	16,098.46	292.83
		For Heated Enclosure, Add	*2,341.56*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0517	EA	105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure	16,683.52	269.68
		For Heated Enclosure, Add	*2,435.11*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0518	EA	72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	12,080.09	239.71
		For Heated Enclosure, Add	*1,752.09*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0519	EA	72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	12,888.93	239.71
		For Heated Enclosure, Add	*1,873.41*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0520	EA	72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	14,596.96	254.69
		For Heated Enclosure, Add	*2,125.87*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0521	EA	72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	17,721.13	269.68
		For Heated Enclosure, Add	*2,590.75*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0522	EA	118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	15,436.21	119.86
		For Heated Enclosure, Add	*2,248.01*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0523	EA	142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	18,579.46	119.86
		For Heated Enclosure, Add	*2,715.75*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0524	EA	118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	17,955.81	179.78
		For Heated Enclosure, Add	*2,622.21*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0525	EA	142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	20,846.23	179.78
		For Heated Enclosure, Add	*3,048.28*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0526	EA	142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	19,228.07	179.78
		For Heated Enclosure, Add	*2,809.30*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0527	EA	172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	22,488.88	209.75
		For Heated Enclosure, Add	*3,290.93*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0528	EA	142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	22,538.82	179.78
		For Heated Enclosure, Add	*3,290.93*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0529	EA	172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	26,769.15	179.78
		For Heated Enclosure, Add	*3,917.99*	
		For One 24" Fluorescent Light Fixture, Add	*790.62*	
		For Two 24" Fluorescent Light Fixture, Add	*1,414.79*	
22 11 19 00-0530		**Faucets (Hose Bibbs)** *(22 11 19)*		
22 11 19 00-0531		**Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends** *(22 11 19 00-0530)*		
22 11 19 00-0532	EA	1/2", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	59.21	10.85
22 11 19 00-0533	EA	3/4", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	68.33	11.93
22 11 19 00-0534	EA	3/4" Screwed Ends Vacuum Breaker (Mueller 108-904NL)	18.01	8.13
22 11 19 00-0535		**Chrome Plated Brass Hose Valves, Screwed Ends** *(22 11 19 00-0530)*		
22 11 19 00-0536	EA	3/4" Hose Valve With Screwed Ends (Chicago Faucets #387-CP)	216.03	33.18
22 11 19 00-0537		**Antisiphon Freezeless Wall Faucet (Woodford 19CP)** *(22 11 19 00-0530)*		
22 11 19 00-0538	EA	4" Long, 1/2" Antisiphon Freezeless Wall Faucet	129.86	27.12
22 11 19 00-0539	EA	6" Long, 1/2" Antisiphon Freezeless Wall Faucet	140.74	30.04
22 11 19 00-0540	EA	8" Long, 1/2" Antisiphon Freezeless Wall Faucet	148.90	31.78
22 11 19 00-0541	EA	10" Long, 1/2" Antisiphon Freezeless Wall Faucet	157.05	34.06
22 11 19 00-0542	EA	12" Long, 1/2" Antisiphon Freezeless Wall Faucet	165.31	36.11
22 11 19 00-0543		**Keyed, Recessed Valve Boxes** *(22 11 19)*		
22 11 19 00-0544	EA	8" x 8" x 4" Painted Steel, Keyed, Recessed Valve Box	319.68	32.35
22 11 19 00-0545	EA	8" x 8" x 6" Painted Steel, Keyed, Recessed Valve Box	356.11	32.35
22 11 19 00-0546	EA	8" x 8" x 8" Painted Steel, Keyed, Recessed Valve Box	410.75	32.35
22 11 19 00-0547	EA	12" x 12" x 4" Painted Steel, Keyed, Recessed Valve Box	395.89	43.13
22 11 19 00-0548	EA	12" x 12" x 6" Painted Steel, Keyed, Recessed Valve Box	450.53	43.13
22 11 19 00-0549	EA	12" x 12" x 8" Painted Steel, Keyed, Recessed Valve Box	466.92	43.13
22 11 19 00-0550	EA	8" x 8" x 4" Stainless Steel, Keyed, Recessed Valve Box	377.96	32.35
22 11 19 00-0551	EA	8" x 8" x 6" Stainless Steel, Keyed, Recessed Valve Box	458.10	32.35
22 11 19 00-0552	EA	8" x 8" x 8" Stainless Steel, Keyed, Recessed Valve Box	529.14	32.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0553	EA	12" x 12" x 4" Stainless Steel, Keyed, Recessed Valve Box	497.89	43.13
22 11 19 00-0554	EA	12" x 12" x 6" Stainless Steel, Keyed, Recessed Valve Box	568.92	43.13
22 11 19 00-0555	EA	12" x 12" x 8" Stainless Steel, Keyed, Recessed Valve Box	596.24	43.13

22 11 23 Domestic Water Pumps *(22 11)*

22 11 23 13 Domestic Water Packaged Booster Pumps *(22 11 23)*

Note: Includes motor starter and controls.

22 11 23 13-0001 Simplex Domestic Water Packaged Booster Pumps And Tank *(22 11 23 13)*

22 11 23 13-0002	EA	1 HP Simplex Domestic Water Packaged Booster Pump And Tank	14,521.02	319.61
22 11 23 13-0003	EA	1.5 HP Simplex Domestic Water Packaged Booster Pump And Tank	15,005.18	429.48
22 11 23 13-0004	EA	2 HP Simplex Domestic Water Packaged Booster Pump And Tank	15,594.10	539.34
22 11 23 13-0005	EA	3 HP Simplex Domestic Water Packaged Booster Pump And Tank	16,130.63	649.21
22 11 23 13-0006	EA	5 HP Simplex Domestic Water Packaged Booster Pump And Tank	17,819.40	759.08
22 11 23 13-0007	EA	7.5 HP Simplex Domestic Water Packaged Booster Pump And Tank	19,770.03	868.95
22 11 23 13-0008	EA	10 HP Simplex Domestic Water Packaged Booster Pump And Tank	21,092.17	978.81

22 11 23 13-0009 Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator *(22 11 23 13)*

22 11 23 13-0010	EA	100 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	38,701.91	1,297.36
22 11 23 13-0011	EA	200 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	46,784.29	1,378.45
22 11 23 13-0012	EA	300 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	54,900.06	1,459.53

22 11 23 13-0013 Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator *(22 11 23 13)*

22 11 23 13-0014	EA	200 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	51,249.17	1,378.45
22 11 23 13-0015	EA	300 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	64,043.91	1,459.53
22 11 23 13-0016	EA	500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	79,779.20	1,621.70
22 11 23 13-0017	EA	750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	101,319.50	1,783.87
22 11 23 13-0018	EA	1,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	122,859.79	1,946.04
22 11 23 13-0019	EA	1,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	143,200.49	2,189.29
22 11 23 13-0020	EA	2,500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	163,541.19	2,432.55
22 11 23 13-0021	EA	3,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	183,881.88	2,675.81
22 11 23 13-0022	EA	5,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	204,425.30	3,000.14

22 11 23 13-0023 Variable Speed Duplex Domestic Water Pressure Booster Skid *(22 11 23 13)*

Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.

22 11 23 13-0024	EA	40 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-1)	39,874.85	1,460.79
22 11 23 13-0025	EA	40 GPM At 80 To 120 PSI, 80 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-2)	41,734.35	1,460.79
22 11 23 13-0026	EA	80 GPM At 80 PSI, 120 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-3)	44,391.35	1,460.79
22 11 23 13-0027	EA	80 GPM At 130 To 150 PSI, 120 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-4)	48,221.39	1,460.79
22 11 23 13-0028	EA	160 GPM At 40 To 50 PSI, 200 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-5)	45,433.26	1,552.08
22 11 23 13-0029	EA	160 GPM At 60 To 80 PSI, 200 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-6)	48,776.72	1,552.08
22 11 23 13-0030	EA	160 GPM At 90 To 110 PSI, 200 GPM At 80 To 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-7)	53,317.45	1,552.08
22 11 23 13-0031	EA	160 To 200 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-8)	57,008.19	1,552.08
22 11 23 13-0032	EA	240 To 280 GPM At 40 To 50 PSI , NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-9)	49,669.21	1,643.38
22 11 23 13-0033	EA	280 To 320 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-10)	52,970.28	1,643.38
22 11 23 13-0034	EA	240 To 320 GPM At 90 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-11)	60,351.74	1,643.38
22 11 23 13-0035	EA	240 To 320 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-12)	72,740.33	1,643.38
22 11 23 13-0036	EA	360 To 400 GPM At 40 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-13)	52,505.91	1,643.38
22 11 23 13-0037	EA	360 To 400 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-14)	59,239.27	1,643.38
22 11 23 13-0038	EA	360 To 400 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-15)	74,060.75	1,643.38
22 11 23 13-0039	EA	360 To 400 GPM At 120 To 140 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-16)	73,632.72	1,643.38
22 11 23 13-0040	EA	440 To 480 GPM At 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-17)	87,887.07	1,825.98
22 11 23 13-0041	EA	440 To 480 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-18)	60,125.82	1,825.98
22 11 23 13-0042	EA	440 To 480 GPM At 60 To 90 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-19)	73,622.84	1,825.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-0043	EA	440 To 480 GPM At 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-20)	73,196.83	1,825.98
22 11 23 13-0044	EA	440 To 600 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-21)	88,549.30	1,825.98
22 11 23 13-0045	EA	440 To 600 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-22)	107,328.02	1,825.98
22 11 23 13-0046	EA	60 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-1)	50,599.78	1,460.79
22 11 23 13-0047		Variable Speed Triplex Domestic Water Pressure Booster Skid *(22 11 23 13)*		
		Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.		
22 11 23 13-0048	EA	60 GPM At 80 To 130 PSI, 120 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-2)	50,599.78	1,460.79
22 11 23 13-0049	EA	120 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-3)	56,693.12	1,460.79
22 11 23 13-0050	EA	60 GPM At 140 To 150 PSI, 120 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-4)	61,950.59	1,460.79
22 11 23 13-0051	EA	180 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-5)	56,921.37	1,552.08
22 11 23 13-0052	EA	180 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-6)	62,142.50	1,552.08
22 11 23 13-0053	EA	240 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-7)	58,140.84	1,552.08
22 11 23 13-0054	EA	240 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-8)	62,629.08	1,552.08
22 11 23 13-0055	EA	240 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-9)	68,801.16	1,552.08
22 11 23 13-0056	EA	240 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-10)	73,917.31	1,552.08
22 11 23 13-0057	EA	300 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-11)	58,663.86	1,643.38
22 11 23 13-0058	EA	300 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-12)	63,152.10	1,643.38
22 11 23 13-0059	EA	300 GPM At80 To 100 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-13)	69,322.16	1,643.38
22 11 23 13-0060	EA	300 GPM At 110 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-14)	74,438.31	1,643.38
22 11 23 13-0061	EA	360 GPM At 40 To 60 PSI, 420 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-15)	63,711.36	1,643.38
22 11 23 13-0062	EA	360 GPM At 70 To 80 PSI, 420 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-16)	68,021.92	1,643.38
22 11 23 13-0063	EA	360 GPM At 90 To 130 PSI, 420 GPM At 80 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-17)	78,672.15	1,643.38
22 11 23 13-0064	EA	360 GPM At140 To 150 PSI, 420 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-18)	96,051.70	1,643.38
22 11 23 13-0065	EA	480 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-19)	65,048.14	1,825.98
22 11 23 13-0066	EA	480 GPM At 50 To 70 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-20)	69,360.73	1,825.98
22 11 23 13-0067	EA	480 GPM At 80 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-21)	80,010.95	1,825.98
22 11 23 13-0068	EA	480 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-22)	97,388.48	1,825.98
22 11 23 13-0069	EA	540 GPM At 40 PSI, 600 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-23)	68,662.15	1,825.98
22 11 23 13-0070	EA	540 GPM At 50 To 90 PSI, 600 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-24)	78,341.24	1,825.98
22 11 23 13-0071	EA	540 GPM At 100 To 110 PSI, 600 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-25)	99,367.10	1,825.98
22 11 23 13-0072	EA	540 GPM At 120 To 130 PSI, 600 GPM At 120 To 130 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-26)	101,404.28	1,825.98
22 11 23 13-0073	EA	540 GPM At 140 To 150 PSI, 600 GPM At 140 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-27)	125,811.97	1,825.98
22 11 23 13-0074	EA	660 GPM At 40 To 50 PSI, 720 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-28)	77,762.19	2,191.18
22 11 23 13-0075	EA	660 GPM At 60 To 90 PSI, 720,780,840,900 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-29)	93,714.31	2,191.18
22 11 23 13-0076	EA	660, 720, 780 GPM At 100 PSI, 840 To 900 GPM At 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-30)	99,763.23	2,191.18
22 11 23 13-0077	EA	660, 720, 780, 840, 900 GPM At 110 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-31)	120,512.49	2,191.18
22 11 23 13-0078	EA	660, 720, 780, 840, 900 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-32)	149,547.73	2,191.18
22 11 23 23		**Domestic-Water In-Line Pumps** *(22 11 23)*		
22 11 23 23-0001		Bronze In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)*		
		Note: ODP motor.		
22 11 23 23-0002	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL30B)	1,213.54	179.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 23-0003	EA	1/6 HP, 3/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL36B)	1,249.52	179.78
22 11 23 23-0004	EA	1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL45B)	1,311.24	183.28
22 11 23 23-0005	EA	1/6 HP, 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL50B)	1,453.37	190.77
22 11 23 23-0006	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL75B)	2,712.01	197.87
22 11 23 23-0007	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2AB)	2,902.76	197.87
22 11 23 23-0008	EA	1/4 HP, 2-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2AB)	4,396.15	217.86
22 11 23 23-0009	EA	1/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G LD3 AB)	4,575.31	239.35
22 11 23 23-0010	EA	1/3 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G HD3 AB)	5,558.94	263.33
22 11 23 23-0011	EA	1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB35S)	5,666.33	289.82
22 11 23 23-0012	EA	3/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB37S)	6,195.67	318.30
22 11 23 23-0013	EA	1 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB38S)	8,957.38	350.28
22 11 23 23-0014	EA	1-1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB40S)	10,345.23	367.27
22 11 23 23-0015		Cast Iron In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)*		
		Note: ODP motor.		
22 11 23 23-0016	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30)	1,269.44	179.78
22 11 23 23-0017	EA	1/6 HP, 3/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL36)	2,213.67	179.78
22 11 23 23-0018	EA	1/6 HP, 1" To 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	2,220.89	183.28
22 11 23 23-0019	EA	1/6 HP, 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	2,258.72	187.27
22 11 23 23-0020	EA	1/6 HP, 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL50)	2,265.70	190.77
22 11 23 23-0021	EA	1/6 HP, 2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL75)	2,305.84	197.87
22 11 23 23-0022	EA	1/4 HP, 2-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2)	2,836.37	217.86
22 11 23 23-0023	EA	1/3 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G HD30)	3,672.59	263.33
22 11 23 23-0024	EA	1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD35S)	3,860.15	289.82
22 11 23 23-0025	EA	3/4 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD37S)	4,520.90	318.30
22 11 23 23-0026	EA	1 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD38S)	6,160.35	350.28
22 11 23 23-0027	EA	1-1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD40S)	7,233.46	367.27
22 11 23 23-0028	EA	2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	6,452.23	385.76
22 11 23 23-0029	EA	3 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	6,928.87	424.03
22 11 23 23-0030	EA	5 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	7,612.20	449.71
22 11 23 23-0031	EA	7-1/2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	9,711.79	499.68
22 11 23 23-0032	EA	10 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	10,249.25	599.72
22 11 23 23-0033	EA	15 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	13,122.65	699.86

22 12 Facility Potable-Water Storage Tanks *(22 10)*

22 12 19 Facility Ground-Mounted, Potable-Water Storage Tanks *(22 12)*

22 12 19 00-0001		Steel, Horizontal, Ground-Mounted Water Tanks *(22 12 19)*		
22 12 19 00-0002	EA	5,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	42,014.53	9,353.91
22 12 19 00-0003	EA	10,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	47,951.14	9,353.91
22 12 19 00-0004	EA	20,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	86,916.98	14,435.07
22 12 19 00-0005	EA	35,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	112,172.99	18,707.83
22 12 19 00-0006		Galvanized Steel, Flat Bottom, Vertical Storage Tanks *(22 12 19)*		
22 12 19 00-0007	EA	5,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	50,809.51	9,353.91
22 12 19 00-0008	EA	10,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	71,477.71	9,353.91
22 12 19 00-0009	EA	20,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	106,406.93	14,435.07
22 12 19 00-0010	EA	35,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	153,741.38	18,707.83

22 12 23 Facility Indoor Potable-Water Storage Tanks *(22 12)*

22 12 23 13 Facility Steel, Indoor Potable-Water Storage Pressure Tanks *(22 12 23)*

22 12 23 13-0001		Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) *(22 12 23 13)*		
22 12 23 13-0002	EA	80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A)	2,554.73	399.51
22 12 23 13-0003	EA	119 Gallon 150 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-120M)	3,163.72	499.39
22 12 23 13-0004	EA	140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A)	5,941.75	549.33
22 12 23 13-0005	EA	200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A)	6,573.18	599.27
22 12 23 13-0006	EA	250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A)	13,205.94	649.21
22 12 23 13-0007	EA	350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A)	11,340.68	699.15
22 12 23 13-0008	EA	400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A)	19,591.45	749.09
22 12 23 13-0009	EA	500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A)	18,024.26	799.03
22 12 23 13-0010	EA	750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A)	19,585.91	848.97
22 12 23 13-0011	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A)	23,367.36	898.90
22 12 23 13-0012		Uninsulated Glass Lined Storage Tank (A.O. Smith T) *(22 12 23 13)*		
22 12 23 13-0013	EA	80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S)	2,170.39	399.51
22 12 23 13-0014	EA	120 Gallon 150 PSA, Uninsulated, Glass Lined Water Storage Tank (T-120S)	4,246.23	499.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 12 23 13-0015	EA	140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A)	5,330.50	549.33
22 12 23 13-0016	EA	200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S)	6,611.01	599.27
22 12 23 13-0017	EA	200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A)	5,589.78	599.27
22 12 23 13-0018	EA	250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A)	8,721.26	649.21
22 12 23 13-0019	EA	325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A)	9,439.72	699.15
22 12 23 13-0020	EA	350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S)	8,975.79	699.15
22 12 23 13-0021	EA	350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A)	8,173.26	699.15
22 12 23 13-0022	EA	400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A)	11,240.67	749.09
22 12 23 13-0023	EA	500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A)	12,197.77	799.03
22 12 23 13-0024	EA	750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A)	14,183.22	848.97
22 12 23 13-0025	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A)	26,803.68	898.90

22 12 23 26 Facility Plastic, Indoor Potable-Water Storage Non-Pressure Tanks *(22 12 23)*

22 12 23 26-0001 Horizontal Non-Pressurized Polyethylene Tanks *(22 12 23 26)*

Note: Excludes excavation and backfill.

22 12 23 26-0002	EA	100 Gallon Horizontal Non-Pressurized Polyethylene Tank	686.13	224.73
		For Saddle Assembly, Add	*769.76*	
22 12 23 26-0003	EA	150 Gallon Horizontal Non-Pressurized Polyethylene Tank	803.86	262.18
		For Saddle Assembly, Add	*769.76*	
22 12 23 26-0004	EA	200 Gallon Horizontal Non-Pressurized Polyethylene Tank	955.52	299.64
		For Saddle Assembly, Add	*885.03*	
22 12 23 26-0005	EA	300 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,168.20	337.09
		For Saddle Assembly, Add	*1,334.83*	
22 12 23 26-0006	EA	335 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,405.74	374.55
		For Two Tie Down Bands, Add	*439.30*	
22 12 23 26-0007	EA	535 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,826.32	520.62
		For Two Tie Down Bands, Add	*470.95*	
22 12 23 26-0008	EA	1,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	2,749.56	607.39
		For Three Tie Down Bands, Add	*808.14*	
22 12 23 26-0009	EA	1,335 Gallon Horizontal Non-Pressurized Polyethylene Tank	3,988.20	694.15
		For Three Tie Down Bands, Add	*814.92*	
22 12 23 26-0010	EA	1,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	4,987.66	780.92
		For Four Tie Down Bands, Add	*1,104.63*	
22 12 23 26-0011	EA	2,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	5,848.01	867.70
		For Four Tie Down Bands, Add	*1,565.72*	
22 12 23 26-0012	EA	2,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	8,392.47	954.46
		For Four Tie Down Bands, Add	*2,072.03*	
22 12 23 26-0013	EA	3,135 Gallon Horizontal Non-Pressurized Polyethylene Tank	9,728.72	1,041.23
		For Four Tie Down Bands, Add	*2,243.81*	
22 12 23 26-0014	EA	4,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	13,986.70	1,388.31
		For Four Tie Down Bands, Add	*2,542.17*	
22 12 23 26-0015	EA	5,025 Gallon Horizontal Non-Pressurized Polyethylene Tank	18,140.89	1,388.31
		For Five Tie Down Bands, Add	*4,002.71*	

22 12 23 26-0016 Vertical Non-Pressurized Polyethylene Tanks *(22 12 23 26)*

22 12 23 26-0017	EA	100 Gallon Vertical Non-Pressurized Polyethylene Tank	740.79	299.64
22 12 23 26-0018	EA	160 Gallon Vertical Non-Pressurized Polyethylene Tank	899.13	318.37
22 12 23 26-0019	EA	210 Gallon Vertical Non-Pressurized Polyethylene Tank	989.63	337.09
22 12 23 26-0020	EA	300 Gallon Vertical Non-Pressurized Polyethylene Tank	1,204.57	374.55
22 12 23 26-0021	EA	405 Gallon Vertical Non-Pressurized Polyethylene Tank	1,370.00	449.45
22 12 23 26-0022	EA	500 Gallon Vertical Non-Pressurized Polyethylene Tank	1,619.06	524.37
22 12 23 26-0023	EA	800 Gallon Vertical Non-Pressurized Polyethylene Tank	2,290.73	694.15
22 12 23 26-0024	EA	1,000 Gallon Vertical Non-Pressurized Polyethylene Tank	2,969.64	867.70
22 12 23 26-0025	EA	2,000 Gallon Vertical Non-Pressurized Polyethylene Tank	4,005.69	1,041.23
22 12 23 26-0026	EA	3,000 Gallon Vertical Non-Pressurized Polyethylene Tank	5,254.20	1,214.77
22 12 23 26-0027	EA	4,000 Gallon Vertical Non-Pressurized Polyethylene Tank	7,775.24	1,388.31
22 12 23 26-0028	EA	5,000 Gallon Vertical Non-Pressurized Polyethylene Tank	10,563.01	1,561.85
22 12 23 26-0029	EA	6,250 Gallon Vertical Non-Pressurized Polyethylene Tank	11,978.77	1,735.38
22 12 23 26-0030	EA	7,000 Gallon Vertical Non-Pressurized Polyethylene Tank	13,200.17	1,908.93
22 12 23 26-0031	EA	8,000 Gallon Vertical Non-Pressurized Polyethylene Tank	15,221.69	2,082.46
22 12 23 26-0032	EA	9,150 Gallon Vertical Non-Pressurized Polyethylene Tank	17,204.80	2,256.00
22 12 23 26-0033	EA	10,500 Gallon Vertical Non-Pressurized Polyethylene Tank	21,335.16	2,429.54
22 12 23 26-0034	EA	12,500 Gallon Vertical Non-Pressurized Polyethylene Tank	25,685.61	2,776.61

22 13 Facility Sanitary Sewerage *(22 10)*

22 13 13 Facility Sanitary Sewers *(22 13)*

22 13 13 00-0001 Fixture Rough-In *(22 13 13)*

Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible.

22 13 13 00-0002 Single Fixture Rough-In, Cast Iron Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0003	EA	Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	1,262.63	
22 13 13 00-0004	EA	Wall Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	1,803.01	
22 13 13 00-0005	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,126.44	
22 13 13 00-0006	EA	Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	754.64	
22 13 13 00-0007	EA	Wall Mounted Lavatory, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	891.61	
22 13 13 00-0008	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,104.64	
22 13 13 00-0009	EA	Bathtub, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,202.52	
22 13 13 00-0010	EA	Free Standing Water Cooler, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	721.95	
22 13 13 00-0011	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,126.44	
22 13 13 00-0012	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,140.65	
22 13 13 00-0013	EA	Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	1,090.69	
22 13 13 00-0014	EA	Bidet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,262.63	
22 13 13 00-0015	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,991.22	
22 13 13 00-0016	EA	Bathtub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	1,227.52	
22 13 13 00-0017		**Double Fixture Rough-In, Cast Iron Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0018	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	1,690.09	
22 13 13 00-0019	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	2,415.98	
22 13 13 00-0020	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,455.12	
22 13 13 00-0021	EA	Wall Mounted Urinal, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	929.82	
22 13 13 00-0022	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,202.32	
22 13 13 00-0023	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,281.91	
22 13 13 00-0024	EA	Free Standing Water Cooler, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	868.67	
22 13 13 00-0025	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,465.09	
22 13 13 00-0026	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,216.97	
22 13 13 00-0027	EA	Shower, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	1,192.03	
22 13 13 00-0028	EA	Bidet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets.	1,690.09	
22 13 13 00-0029		**Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0030	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	844.58	
22 13 13 00-0031	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	1,207.98	
22 13 13 00-0032	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture.	728.04	
22 13 13 00-0033	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	465.41	
22 13 13 00-0034	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	601.18	
22 13 13 00-0035	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	640.94	
22 13 13 00-0036	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	459.29	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0037	EA	Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture Including Cast Iron Waste Pipe And Vent And Copper Domestic Supply, Not Including Fixture Or Faucet Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	732.04	
22 13 13 00-0038	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	608.48	
22 13 13 00-0039	EA	Shower, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	596.49	
22 13 13 00-0040	EA	Bidet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	837.57	

22 13 13 00-0041 Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0042	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Water Closet Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	578.40	
22 13 13 00-0043	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Water Closet Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	651.87	
22 13 13 00-0044	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Tank Type, Floor Mounted, Water Closet Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	546.77	
22 13 13 00-0045	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Urinal Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	332.12	
22 13 13 00-0046	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Lavatory Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	389.51	
22 13 13 00-0047	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Countertop, Kitchen Sink Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	525.64	
22 13 13 00-0048	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Bathtub Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	535.46	
22 13 13 00-0049	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Free Standing, Water Cooler Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	327.79	
22 13 13 00-0050	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Service Sink Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	546.77	
22 13 13 00-0051	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	579.01	
22 13 13 00-0052	EA	Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	535.21	
22 13 13 00-0053	EA	Bidet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	578.28	
22 13 13 00-0054	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	894.54	
22 13 13 00-0055	EA	Bathtub/Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	557.30	

22 13 13 00-0056 Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0057	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	709.32	
22 13 13 00-0058	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	854.32	
22 13 13 00-0059	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	616.26	
22 13 13 00-0060	EA	Wall Mounted Urinal, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	372.66	
22 13 13 00-0061	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets.	541.73	
22 13 13 00-0062	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures and faucets.	566.67	
22 13 13 00-0063	EA	Free Standing Water Cooler, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	361.74	
22 13 13 00-0064	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	625.14	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0065	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	596.67	
22 13 13 00-0066	EA	Shower, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	574.38	
22 13 13 00-0067	EA	Bidet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	709.32	
22 13 13 00-0068		Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)* Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0069	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	354.25	
22 13 13 00-0070	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	426.68	
22 13 13 00-0071	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	308.42	
22 13 13 00-0072	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	186.38	
22 13 13 00-0073	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	270.84	
22 13 13 00-0074	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	283.09	
22 13 13 00-0075	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	180.85	
22 13 13 00-0076	EA	Floor Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	312.48	
22 13 13 00-0077	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	298.37	
22 13 13 00-0078	EA	Shower, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	287.63	
22 13 13 00-0079	EA	Bidet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	347.63	
22 13 16		**Sanitary Waste and Vent Piping** *(22 13)*		
22 13 16 00-0001		Cast Iron Soil Pipe Assemblies *(22 13 16)*		
22 13 16 00-0002		Underground Bell And Spigot Cast Iron Soil Pipe Assemblies *(22 13 16 00-0001)* Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available.		
22 13 16 00-0003	LF	2" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	40.78	6.29
		For Work In Restricted Working Space, Add	*4.62*	
22 13 16 00-0004	LF	3" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	58.89	9.48
		For Work In Restricted Working Space, Add	*6.26*	
22 13 16 00-0005	LF	4" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	76.53	12.08
		For Work In Restricted Working Space, Add	*8.05*	
22 13 16 00-0006	LF	5" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	92.45	15.13
		For Work In Restricted Working Space, Add	*8.52*	
22 13 16 00-0007	LF	6" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	109.53	16.49
		For Work In Restricted Working Space, Add	*9.46*	
22 13 16 00-0008	LF	8" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	176.72	23.41
		For Work In Restricted Working Space, Add	*13.25*	
22 13 16 00-0009	LF	10" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	267.43	23.41
		For Work In Restricted Working Space, Add	*15.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0010		**Aboveground No Hub Cast Iron Soil Pipe Assemblies** *(22 13 16 00-0001)* Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
22 13 16 00-0011	LF	1-1/2" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	30.37	6.00
		For Work In Restricted Working Space, Add	*5.26*	
22 13 16 00-0012	LF	2" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	32.15	6.39
		For Work In Restricted Working Space, Add	*5.65*	
22 13 16 00-0013	LF	3" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	41.16	9.29
		For Work In Restricted Working Space, Add	*6.93*	
22 13 16 00-0014	LF	4" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	49.53	12.08
		For Work In Restricted Working Space, Add	*8.29*	
22 13 16 00-0015	LF	5" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	66.17	14.85
		For Work In Restricted Working Space, Add	*10.07*	
22 13 16 00-0016	LF	6" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	75.33	16.20
		For Work In Restricted Working Space, Add	*10.98*	
22 13 16 00-0017	LF	8" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	118.73	23.21
		For Work In Restricted Working Space, Add	*15.11*	
22 13 16 00-0018	LF	10" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 20'. Not for use where detail is available.	169.65	26.37
		For Work In Restricted Working Space, Add	*17.56*	
22 13 16 00-0019		**Bell And Spigot Cast Iron Soil Pipe And Fittings** *(22 13 16)* Note: Service weight. ASTM A74 and CISPI 301 (Fitting Requirements).		
22 13 16 00-0020		**Bell And Spigot Cast Iron Pipe** *(22 13 16 00-0019)* Note: Excludes excavation, hangers, gaskets, and fittings.		
22 13 16 00-0021	LF	2" Bell And Spigot Cast Iron Pipe	29.84	6.29
		For Extra Heavy Pipe, Add	*8.54*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.48*	
		For Work In Restricted Working Space, Add	*2.85*	
22 13 16 00-0022	LF	3" Bell And Spigot Cast Iron Pipe	43.40	9.48
		For Extra Heavy Pipe, Add	*12.23*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.71*	
		For Work In Restricted Working Space, Add	*4.28*	
22 13 16 00-0023	LF	4" Bell And Spigot Cast Iron Pipe	56.04	12.08
		For Extra Heavy Pipe, Add	*15.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.91*	
		For Work In Restricted Working Space, Add	*5.45*	
22 13 16 00-0024	LF	5" Bell And Spigot Cast Iron Pipe	76.10	15.13
		For Extra Heavy Pipe, Add	*22.45*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.13*	
		For Work In Restricted Working Space, Add	*6.79*	
22 13 16 00-0025	LF	6" Bell And Spigot Cast Iron Pipe	89.80	16.49
		For Extra Heavy Pipe, Add	*27.35*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.23*	
		For Work In Restricted Working Space, Add	*7.41*	
22 13 16 00-0026	LF	8" Bell And Spigot Cast Iron Pipe	136.38	23.41
		For Extra Heavy Pipe, Add	*42.53*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.76*	
		For Work In Restricted Working Space, Add	*10.54*	
22 13 16 00-0027	LF	10" Bell And Spigot Cast Iron Pipe	208.10	26.37
		For Extra Heavy Pipe, Add	*70.81*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.98*	
		For Work In Restricted Working Space, Add	*11.85*	
22 13 16 00-0028	LF	12" Bell And Spigot Cast Iron Pipe	297.57	35.16
		For Extra Heavy Pipe, Add	*102.86*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.63*	
		For Work In Restricted Working Space, Add	*15.80*	
22 13 16 00-0029	LF	15" Bell And Spigot Cast Iron Pipe	421.15	42.17
		For Extra Heavy Pipe, Add	*150.33*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.16*	
		For Work In Restricted Working Space, Add	*18.97*	
22 13 16 00-0030		**Bell And Spigot Cast Iron Fittings** *(22 13 16 00-0019)*		
22 13 16 00-0031		**Bell And Spigot Cast Iron Long Sweeps** *(22 13 16 00-0030)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0032	EA	2" Bell And Spigot Cast Iron Long Sweep	99.49	28.66
		For Extra Heavy Fittings, Add	*19.79*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.15*	
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0033	EA	3" Bell And Spigot Cast Iron Long Sweep	168.69	36.05
		For Extra Heavy Fittings, Add	*40.15*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.70*	
		For Work In Restricted Working Space, Add	*16.20*	
22 13 16 00-0034	EA	4" Bell And Spigot Cast Iron Long Sweep	224.73	47.94
		For Extra Heavy Fittings, Add	*53.51*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.59*	
		For Work In Restricted Working Space, Add	*21.56*	
22 13 16 00-0035	EA	6" Bell And Spigot Cast Iron Long Sweep	353.38	64.03
		For Extra Heavy Fittings, Add	*90.09*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.80*	
		For Work In Restricted Working Space, Add	*28.79*	
22 13 16 00-0036	EA	8" Bell And Spigot Cast Iron Long Sweep	697.55	82.37
		For Extra Heavy Fittings, Add	*200.93*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.17*	
		For Work In Restricted Working Space, Add	*37.04*	
22 13 16 00-0037	EA	10" Bell And Spigot Cast Iron Long Sweep	953.80	101.33
		For Extra Heavy Fittings, Add	*280.65*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.60*	
		For Work In Restricted Working Space, Add	*45.59*	
22 13 16 00-0038	EA	12" Bell And Spigot Cast Iron Long Sweep	1,462.23	141.44
		For Extra Heavy Fittings, Add	*437.56*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.60*	
		For Work In Restricted Working Space, Add	*63.62*	
22 13 16 00-0039	EA	15" Bell And Spigot Cast Iron Long Sweep	2,713.20	196.95
		For Extra Heavy Fittings, Add	*846.27*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.76*	
		For Work In Restricted Working Space, Add	*88.58*	
22 13 16 00-0040		Bell And Spigot Cast Iron Short Sweeps *(22 13 16 00-0030)*		
22 13 16 00-0041	EA	2" Bell And Spigot Cast Iron Short Sweep	84.57	28.66
		For Extra Heavy Fittings, Add	*14.56*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.15*	
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0042	EA	3" Bell And Spigot Cast Iron Short Sweep	143.64	36.05
		For Extra Heavy Fittings, Add	*31.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.70*	
		For Work In Restricted Working Space, Add	*16.20*	
22 13 16 00-0043	EA	4" Bell And Spigot Cast Iron Short Sweep	196.56	47.94
		For Extra Heavy Fittings, Add	*43.65*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.59*	
		For Work In Restricted Working Space, Add	*21.56*	
22 13 16 00-0044	EA	5" Bell And Spigot Cast Iron Short Sweep	297.22	54.43
		For Extra Heavy Fittings, Add	*75.47*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.08*	
		For Work In Restricted Working Space, Add	*24.47*	
22 13 16 00-0045	EA	6" Bell And Spigot Cast Iron Short Sweep	358.75	64.03
		For Extra Heavy Fittings, Add	*91.97*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.80*	
		For Work In Restricted Working Space, Add	*28.79*	
22 13 16 00-0046	EA	8" Bell And Spigot Cast Iron Short Sweep	589.61	82.37
		For Extra Heavy Fittings, Add	*163.15*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.17*	
		For Work In Restricted Working Space, Add	*37.04*	
22 13 16 00-0047	EA	10" Bell And Spigot Cast Iron Short Sweep	861.70	101.33
		For Extra Heavy Fittings, Add	*248.41*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.60*	
		For Work In Restricted Working Space, Add	*45.59*	
22 13 16 00-0048	EA	12" Bell And Spigot Cast Iron Short Sweep	1,427.88	141.44
		For Extra Heavy Fittings, Add	*425.53*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.60*	
		For Work In Restricted Working Space, Add	*63.62*	
22 13 16 00-0049		Bell And Spigot Cast Iron 1/4 Bends *(22 13 16 00-0030)*		
22 13 16 00-0050	EA	2" Bell And Spigot Cast Iron 1/4 Bend	76.09	28.56
		For Extra Heavy Fittings, Add	*11.63*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.14*	
		For Work In Restricted Working Space, Add	*12.86*	
22 13 16 00-0051	EA	3" Bell And Spigot Cast Iron 1/4 Bend	114.64	32.16
		For Extra Heavy Fittings, Add	*23.24*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.41*	
		For Work In Restricted Working Space, Add	*14.48*	
22 13 16 00-0052	EA	4" Bell And Spigot Cast Iron 1/4 Bend	163.89	42.84
		For Extra Heavy Fittings, Add	*34.88*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.21*	
		For Work In Restricted Working Space, Add	*19.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0053	EA	5" Bell And Spigot Cast Iron 1/4 Bend	206.68	48.61
		For Extra Heavy Fittings, Add	*46.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.64*	
		For Work In Restricted Working Space, Add	*21.85*	
22 13 16 00-0054	EA	6" Bell And Spigot Cast Iron 1/4 Bend	248.60	58.21
		For Extra Heavy Fittings, Add	*56.44*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.37*	
		For Work In Restricted Working Space, Add	*26.20*	
22 13 16 00-0055	EA	8" Bell And Spigot Cast Iron 1/4 Bend	513.85	75.85
		For Extra Heavy Fittings, Add	*140.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.68*	
		For Work In Restricted Working Space, Add	*34.11*	
22 13 16 00-0056	EA	10" Bell And Spigot Cast Iron 1/4 Bend	757.12	92.05
		For Extra Heavy Fittings, Add	*216.69*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.90*	
		For Work In Restricted Working Space, Add	*41.40*	
22 13 16 00-0057	EA	12" Bell And Spigot Cast Iron 1/4 Bend	997.74	108.65
		For Extra Heavy Fittings, Add	*292.19*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.15*	
		For Work In Restricted Working Space, Add	*48.88*	
22 13 16 00-0058	EA	15" Bell And Spigot Cast Iron 1/4 Bend	2,545.90	171.37
		For Extra Heavy Fittings, Add	*801.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.84*	
		For Work In Restricted Working Space, Add	*77.06*	
22 13 16 00-0059		**Bell And Spigot Cast Iron 1/8 Bends** *(22 13 16 00-0030)*		
22 13 16 00-0060	EA	2" Bell And Spigot Cast Iron 1/8 Bend	69.49	28.66
		For Extra Heavy Fittings, Add	*9.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.15*	
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0061	EA	3" Bell And Spigot Cast Iron 1/8 Bend	108.73	36.05
		For Extra Heavy Fittings, Add	*19.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.70*	
		For Work In Restricted Working Space, Add	*16.20*	
22 13 16 00-0062	EA	4" Bell And Spigot Cast Iron 1/8 Bend	154.91	47.94
		For Extra Heavy Fittings, Add	*29.07*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.59*	
		For Work In Restricted Working Space, Add	*21.56*	
22 13 16 00-0063	EA	5" Bell And Spigot Cast Iron 1/8 Bend	195.89	60.84
		For Extra Heavy Fittings, Add	*36.66*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.56*	
		For Work In Restricted Working Space, Add	*27.35*	
22 13 16 00-0064	EA	6" Bell And Spigot Cast Iron 1/8 Bend	226.44	67.82
		For Extra Heavy Fittings, Add	*43.65*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.52*	
22 13 16 00-0065	EA	8" Bell And Spigot Cast Iron 1/8 Bend	448.28	90.86
		For Extra Heavy Fittings, Add	*109.21*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.81*	
		For Work In Restricted Working Space, Add	*40.87*	
22 13 16 00-0066	EA	10" Bell And Spigot Cast Iron 1/8 Bend	626.44	112.11
		For Extra Heavy Fittings, Add	*160.41*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.41*	
		For Work In Restricted Working Space, Add	*50.44*	
22 13 16 00-0067	EA	12" Bell And Spigot Cast Iron 1/8 Bend	1,010.98	145.39
		For Extra Heavy Fittings, Add	*277.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.90*	
		For Work In Restricted Working Space, Add	*65.38*	
22 13 16 00-0068	EA	15" Bell And Spigot Cast Iron 1/8 Bend	1,933.62	171.37
		For Extra Heavy Fittings, Add	*586.86*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.84*	
		For Work In Restricted Working Space, Add	*77.06*	
22 13 16 00-0069		**Bell And Spigot Cast Iron Wyes** *(22 13 16 00-0030)*		
22 13 16 00-0070	EA	2" Bell And Spigot Cast Iron Wye	121.56	64.02
		For Extra Heavy Fittings, Add	*8.93*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.80*	
		For Work In Restricted Working Space, Add	*28.81*	
22 13 16 00-0071	EA	3" Bell And Spigot Cast Iron Wye	152.93	70.12
		For Extra Heavy Fittings, Add	*16.73*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.54*	
22 13 16 00-0072	EA	4" Bell And Spigot Cast Iron Wye	201.34	91.89
		For Extra Heavy Fittings, Add	*22.26*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.89*	
		For Work In Restricted Working Space, Add	*41.32*	
22 13 16 00-0073	EA	5" Bell And Spigot Cast Iron Wye	263.00	104.69
		For Extra Heavy Fittings, Add	*37.10*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.85*	
		For Work In Restricted Working Space, Add	*47.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0074	EA	6" Bell And Spigot Cast Iron Wye	329.69	124.09
		For Extra Heavy Fittings, Add	*50.27*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.30*	
		For Work In Restricted Working Space, Add	*55.82*	
22 13 16 00-0075	EA	8" Bell And Spigot Cast Iron Wye	600.98	165.93
		For Extra Heavy Fittings, Add	*123.26*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.44*	
		For Work In Restricted Working Space, Add	*74.64*	
22 13 16 00-0076	EA	10" Bell And Spigot Cast Iron Wye	841.18	188.25
		For Extra Heavy Fittings, Add	*195.64*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.11*	
		For Work In Restricted Working Space, Add	*84.66*	
22 13 16 00-0077	EA	12" Bell And Spigot Cast Iron Wye	1,242.83	229.15
		For Extra Heavy Fittings, Add	*314.75*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.18*	
		For Work In Restricted Working Space, Add	*103.07*	
22 13 16 00-0078	EA	15" Bell And Spigot Cast Iron Wye	1,925.30	257.10
		For Extra Heavy Fittings, Add	*538.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*19.27*	
		For Work In Restricted Working Space, Add	*115.63*	
22 13 16 00-0079		**Bell And Spigot Cast Iron Reducing Wyes** *(22 13 16 00-0030)*		
22 13 16 00-0080	EA	3" x 2" Bell And Spigot Cast Iron Reducing Wye	192.14	66.92
		For Extra Heavy Fittings, Add	*32.12*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.02*	
		For Work In Restricted Working Space, Add	*30.11*	
22 13 16 00-0081	EA	4" x 2" Bell And Spigot Cast Iron Reducing Wye	233.86	82.70
		For Extra Heavy Fittings, Add	*38.44*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.20*	
		For Work In Restricted Working Space, Add	*37.21*	
22 13 16 00-0082	EA	4" x 3" Bell And Spigot Cast Iron Reducing Wye	260.90	84.79
		For Extra Heavy Fittings, Add	*46.80*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.36*	
		For Work In Restricted Working Space, Add	*38.16*	
22 13 16 00-0083	EA	6" x 2" Bell And Spigot Cast Iron Reducing Wye	389.45	111.19
		For Extra Heavy Fittings, Add	*77.99*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.33*	
		For Work In Restricted Working Space, Add	*49.99*	
22 13 16 00-0084	EA	6" x 3" Bell And Spigot Cast Iron Reducing Wye	399.52	113.23
		For Extra Heavy Fittings, Add	*80.41*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.49*	
		For Work In Restricted Working Space, Add	*50.94*	
22 13 16 00-0085	EA	6" x 4" Bell And Spigot Cast Iron Reducing Wye	418.26	120.80
		For Extra Heavy Fittings, Add	*83.00*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.06*	
		For Work In Restricted Working Space, Add	*54.33*	
22 13 16 00-0086	EA	8" x 2" Bell And Spigot Cast Iron Reducing Wye	613.35	133.44
		For Extra Heavy Fittings, Add	*144.66*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.00*	
		For Work In Restricted Working Space, Add	*60.02*	
22 13 16 00-0087	EA	8" x 3" Bell And Spigot Cast Iron Reducing Wye	641.03	136.00
		For Extra Heavy Fittings, Add	*153.01*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.19*	
		For Work In Restricted Working Space, Add	*61.16*	
22 13 16 00-0088	EA	8" x 4" Bell And Spigot Cast Iron Reducing Wye	656.57	142.43
		For Extra Heavy Fittings, Add	*155.05*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.68*	
		For Work In Restricted Working Space, Add	*64.07*	
22 13 16 00-0089	EA	8" x 6" Bell And Spigot Cast Iron Reducing Wye	775.54	158.43
		For Extra Heavy Fittings, Add	*188.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.88*	
		For Work In Restricted Working Space, Add	*71.27*	
22 13 16 00-0090	EA	10" x 3" Bell And Spigot Cast Iron Reducing Wye	955.27	148.45
		For Extra Heavy Fittings, Add	*256.44*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.13*	
		For Work In Restricted Working Space, Add	*66.77*	
22 13 16 00-0091	EA	10" x 4" Bell And Spigot Cast Iron Reducing Wye	993.73	154.97
		For Extra Heavy Fittings, Add	*266.47*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.62*	
		For Work In Restricted Working Space, Add	*69.72*	
22 13 16 00-0092	EA	10" x 6" Bell And Spigot Cast Iron Reducing Wye	1,087.19	171.37
		For Extra Heavy Fittings, Add	*290.61*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.84*	
		For Work In Restricted Working Space, Add	*77.06*	
22 13 16 00-0093	EA	10" x 8" Bell And Spigot Cast Iron Reducing Wye	1,436.49	181.74
		For Extra Heavy Fittings, Add	*407.41*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.62*	
		For Work In Restricted Working Space, Add	*81.74*	
22 13 16 00-0094	EA	12" x 4" Bell And Spigot Cast Iron Reducing Wye	1,478.40	181.74
		For Extra Heavy Fittings, Add	*422.08*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.62*	
		For Work In Restricted Working Space, Add	*81.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0095	EA	12" x 6" Bell And Spigot Cast Iron Reducing Wye	1,538.89	196.95
		For Extra Heavy Fittings, Add	*435.26*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.76*	
		For Work In Restricted Working Space, Add	*88.58*	
22 13 16 00-0096	EA	12" x 8" Bell And Spigot Cast Iron Reducing Wye	1,806.54	206.72
		For Extra Heavy Fittings, Add	*523.84*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.49*	
		For Work In Restricted Working Space, Add	*92.96*	
22 13 16 00-0097	EA	12" x 10" Bell And Spigot Cast Iron Reducing Wye	2,195.15	212.85
		For Extra Heavy Fittings, Add	*656.61*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.96*	
		For Work In Restricted Working Space, Add	*95.74*	
22 13 16 00-0098	EA	15" x 4" Bell And Spigot Cast Iron Reducing Wye	3,626.37	200.70
		For Extra Heavy Fittings, Add	*1,163.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.05*	
		For Work In Restricted Working Space, Add	*90.27*	
22 13 16 00-0099	EA	15" x 6" Bell And Spigot Cast Iron Reducing Wye	3,784.88	217.19
		For Extra Heavy Fittings, Add	*1,210.71*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.29*	
		For Work In Restricted Working Space, Add	*97.71*	
22 13 16 00-0100	EA	15" x 8" Bell And Spigot Cast Iron Reducing Wye	3,862.55	226.57
		For Extra Heavy Fittings, Add	*1,232.99*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.99*	
		For Work In Restricted Working Space, Add	*101.91*	
22 13 16 00-0101	EA	15" x 10" Bell And Spigot Cast Iron Reducing Wye	3,952.54	234.28
		For Extra Heavy Fittings, Add	*1,260.48*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.56*	
		For Work In Restricted Working Space, Add	*105.35*	
22 13 16 00-0102	EA	15" x 12" Bell And Spigot Cast Iron Reducing Wye	4,052.61	247.91
		For Extra Heavy Fittings, Add	*1,288.33*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.58*	
		For Work In Restricted Working Space, Add	*111.50*	
22 13 16 00-0103		**Bell And Spigot Cast Iron Combination Wye And 1/8 Bends** *(22 13 16 00-0030)*		
22 13 16 00-0104	EA	2" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	132.49	64.02
		For Extra Heavy Fittings, Add	*12.76*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.80*	
		For Work In Restricted Working Space, Add	*28.81*	
22 13 16 00-0105	EA	3" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	159.67	70.12
		For Extra Heavy Fittings, Add	*19.09*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.54*	
22 13 16 00-0106	EA	4" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	213.07	91.89
		For Extra Heavy Fittings, Add	*26.37*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.89*	
		For Work In Restricted Working Space, Add	*41.32*	
22 13 16 00-0107	EA	5" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	301.12	109.83
		For Extra Heavy Fittings, Add	*47.78*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.23*	
		For Work In Restricted Working Space, Add	*49.38*	
22 13 16 00-0108	EA	6" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	377.05	136.22
		For Extra Heavy Fittings, Add	*60.50*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.21*	
		For Work In Restricted Working Space, Add	*61.26*	
22 13 16 00-0109	EA	8" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	688.63	178.67
		For Extra Heavy Fittings, Add	*147.27*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.39*	
		For Work In Restricted Working Space, Add	*80.36*	
22 13 16 00-0110	EA	10" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	993.15	234.28
		For Extra Heavy Fittings, Add	*224.69*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.56*	
		For Work In Restricted Working Space, Add	*105.35*	
22 13 16 00-0111	EA	12" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	1,331.25	301.15
		For Extra Heavy Fittings, Add	*307.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*22.58*	
		For Work In Restricted Working Space, Add	*135.46*	
22 13 16 00-0112		**Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bends** *(22 13 16 00-0030)*		
22 13 16 00-0113	EA	3" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	141.27	66.92
		For Extra Heavy Fittings, Add	*14.32*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.02*	
		For Work In Restricted Working Space, Add	*30.11*	
22 13 16 00-0114	EA	4" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	199.18	82.70
		For Extra Heavy Fittings, Add	*26.30*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.20*	
		For Work In Restricted Working Space, Add	*37.21*	
22 13 16 00-0115	EA	4" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	215.11	84.79
		For Extra Heavy Fittings, Add	*30.77*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.36*	
		For Work In Restricted Working Space, Add	*38.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0116	EA	6" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	323.79	111.19
		For Extra Heavy Fittings, Add	*55.01*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.33*	
		For Work In Restricted Working Space, Add	*49.99*	
22 13 16 00-0117	EA	6" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	337.18	113.23
		For Extra Heavy Fittings, Add	*58.59*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.49*	
		For Work In Restricted Working Space, Add	*50.94*	
22 13 16 00-0118	EA	6" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	357.45	120.80
		For Extra Heavy Fittings, Add	*61.72*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.06*	
		For Work In Restricted Working Space, Add	*54.33*	
22 13 16 00-0119	EA	8" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	491.39	133.44
		For Extra Heavy Fittings, Add	*101.97*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.00*	
		For Work In Restricted Working Space, Add	*60.02*	
22 13 16 00-0120	EA	8" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	504.90	142.43
		For Extra Heavy Fittings, Add	*101.97*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.68*	
		For Work In Restricted Working Space, Add	*64.07*	
22 13 16 00-0121	EA	8" x 6" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	637.52	158.43
		For Extra Heavy Fittings, Add	*139.98*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.88*	
		For Work In Restricted Working Space, Add	*71.27*	
22 13 16 00-0122		**Bell And Spigot Cast Iron Double Wyes** *(22 13 16 00-0030)*		
22 13 16 00-0123	EA	2" Bell And Spigot Cast Iron Double Wye	215.61	76.61
		For Extra Heavy Fittings, Add	*35.28*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.74*	
		For Work In Restricted Working Space, Add	*34.44*	
22 13 16 00-0124	EA	3" Bell And Spigot Cast Iron Double Wye	313.99	96.58
		For Extra Heavy Fittings, Add	*59.23*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.24*	
		For Work In Restricted Working Space, Add	*43.43*	
22 13 16 00-0125	EA	4" Bell And Spigot Cast Iron Double Wye	426.19	122.15
		For Extra Heavy Fittings, Add	*85.05*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.16*	
		For Work In Restricted Working Space, Add	*54.96*	
22 13 16 00-0126	EA	6" Bell And Spigot Cast Iron Double Wye	824.89	190.65
		For Extra Heavy Fittings, Add	*188.66*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.29*	
		For Work In Restricted Working Space, Add	*85.76*	
22 13 16 00-0127	EA	8" Bell And Spigot Cast Iron Double Wye	1,648.29	224.30
		For Extra Heavy Fittings, Add	*459.22*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.81*	
		For Work In Restricted Working Space, Add	*100.87*	
22 13 16 00-0128	EA	10" Bell And Spigot Cast Iron Double Wye	2,183.85	250.97
		For Extra Heavy Fittings, Add	*632.65*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.81*	
		For Work In Restricted Working Space, Add	*112.88*	
22 13 16 00-0129	EA	12" Bell And Spigot Cast Iron Double Wye	1,515.64	301.15
		For Extra Heavy Fittings, Add	*372.44*	
		For Above Ground Cast Iron Pipe Installation, Add	*22.58*	
		For Work In Restricted Working Space, Add	*135.46*	
22 13 16 00-0130	EA	15" Bell And Spigot Cast Iron Double Wye	4,267.99	316.07
		For Extra Heavy Fittings, Add	*1,327.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*23.71*	
		For Work In Restricted Working Space, Add	*142.24*	
22 13 16 00-0131		**Bell And Spigot Cast Iron Reducing Double Wyes** *(22 13 16 00-0030)*		
22 13 16 00-0132	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Wye	195.32	90.59
		For Extra Heavy Fittings, Add	*20.81*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.79*	
		For Work In Restricted Working Space, Add	*40.76*	
22 13 16 00-0133	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Wye	226.99	104.07
		For Extra Heavy Fittings, Add	*24.83*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.80*	
		For Work In Restricted Working Space, Add	*46.82*	
22 13 16 00-0134	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Wye	245.92	109.16
		For Extra Heavy Fittings, Add	*28.76*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.19*	
		For Work In Restricted Working Space, Add	*49.12*	
22 13 16 00-0135	EA	6" x 2" Bell And Spigot Cast Iron Reducing Double Wye	320.90	132.25
		For Extra Heavy Fittings, Add	*42.93*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.91*	
		For Work In Restricted Working Space, Add	*59.47*	
22 13 16 00-0136	EA	6" x 3" Bell And Spigot Cast Iron Reducing Double Wye	340.13	137.29
		For Extra Heavy Fittings, Add	*47.02*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.29*	
		For Work In Restricted Working Space, Add	*61.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0137	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Wye	391.24	149.71
		For Extra Heavy Fittings, Add	*58.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.22*	
		For Work In Restricted Working Space, Add	*67.33*	
22 13 16 00-0138	EA	8" x 4" Bell And Spigot Cast Iron Reducing Double Wye	629.43	172.85
		For Extra Heavy Fittings, Add	*129.63*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.95*	
		For Work In Restricted Working Space, Add	*77.72*	
22 13 16 00-0139	EA	8" x 6" Bell And Spigot Cast Iron Reducing Double Wye	685.76	204.55
		For Extra Heavy Fittings, Add	*132.66*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.34*	
		For Work In Restricted Working Space, Add	*92.02*	
22 13 16 00-0140	EA	10" x 4" Bell And Spigot Cast Iron Reducing Double Wye	670.54	184.89
		For Extra Heavy Fittings, Add	*137.65*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.86*	
		For Work In Restricted Working Space, Add	*83.18*	
22 13 16 00-0141	EA	10" x 6" Bell And Spigot Cast Iron Reducing Double Wye	781.50	217.19
		For Extra Heavy Fittings, Add	*159.53*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.29*	
		For Work In Restricted Working Space, Add	*97.71*	
22 13 16 00-0142	EA	10" x 8" Bell And Spigot Cast Iron Reducing Double Wye	962.71	236.75
		For Extra Heavy Fittings, Add	*212.71*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.75*	
		For Work In Restricted Working Space, Add	*106.49*	
22 13 16 00-0143	EA	12" x 6" Bell And Spigot Cast Iron Reducing Double Wye	983.33	242.19
		For Extra Heavy Fittings, Add	*217.07*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.16*	
		For Work In Restricted Working Space, Add	*108.94*	
22 13 16 00-0144	EA	12" x 8" Bell And Spigot Cast Iron Reducing Double Wye	1,256.53	263.52
		For Extra Heavy Fittings, Add	*301.51*	
		For Above Ground Cast Iron Pipe Installation, Add	*19.75*	
		For Work In Restricted Working Space, Add	*118.52*	
22 13 16 00-0145		**Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bends** *(22 13 16 00-0030)*		
22 13 16 00-0146	EA	2" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	179.48	76.61
		For Extra Heavy Fittings, Add	*22.63*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.74*	
		For Work In Restricted Working Space, Add	*34.44*	
22 13 16 00-0147	EA	3" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	241.73	102.47
		For Extra Heavy Fittings, Add	*30.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.10*	
22 13 16 00-0148	EA	4" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	316.01	128.14
		For Extra Heavy Fittings, Add	*43.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.60*	
		For Work In Restricted Working Space, Add	*57.62*	
22 13 16 00-0149	EA	6" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	703.68	213.07
		For Extra Heavy Fittings, Add	*134.48*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.97*	
		For Work In Restricted Working Space, Add	*95.84*	
22 13 16 00-0150		**Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bends** *(22 13 16 00-0030)*		
22 13 16 00-0151	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	239.95	91.89
		For Extra Heavy Fittings, Add	*35.78*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.89*	
		For Work In Restricted Working Space, Add	*41.32*	
22 13 16 00-0152	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	284.86	104.07
		For Extra Heavy Fittings, Add	*45.08*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.80*	
		For Work In Restricted Working Space, Add	*46.82*	
22 13 16 00-0153	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	319.82	115.86
		For Extra Heavy Fittings, Add	*51.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.68*	
		For Work In Restricted Working Space, Add	*52.09*	
22 13 16 00-0154	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	648.48	158.93
		For Extra Heavy Fittings, Add	*143.56*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.92*	
		For Work In Restricted Working Space, Add	*71.49*	
22 13 16 00-0155		**Bell And Spigot Cast Iron Sanitary Tees** *(22 13 16 00-0030)*		
22 13 16 00-0156	EA	2" Bell And Spigot Cast Iron Sanitary Tee	146.52	64.12
		For Extra Heavy Fittings, Add	*17.64*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.81*	
		For Work In Restricted Working Space, Add	*28.84*	
22 13 16 00-0157	EA	3" Bell And Spigot Cast Iron Sanitary Tee	166.67	70.12
		For Extra Heavy Fittings, Add	*21.54*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0158	EA	4" Bell And Spigot Cast Iron Sanitary Tee	268.91	85.89
		For Extra Heavy Fittings, Add	*49.02*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.44*	
		For Work In Restricted Working Space, Add	*38.66*	
22 13 16 00-0159	EA	5" Bell And Spigot Cast Iron Sanitary Tee	394.61	96.83
		For Extra Heavy Fittings, Add	*87.28*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.26*	
		For Work In Restricted Working Space, Add	*43.58*	
22 13 16 00-0160	EA	6" Bell And Spigot Cast Iron Sanitary Tee	473.38	116.14
		For Extra Heavy Fittings, Add	*104.73*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.71*	
		For Work In Restricted Working Space, Add	*52.25*	
22 13 16 00-0161	EA	8" Bell And Spigot Cast Iron Sanitary Tee	1,015.18	151.61
		For Extra Heavy Fittings, Add	*275.75*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.37*	
		For Work In Restricted Working Space, Add	*68.20*	
22 13 16 00-0162	EA	10" Bell And Spigot Cast Iron Sanitary Tee	1,525.10	184.89
		For Extra Heavy Fittings, Add	*436.75*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.86*	
		For Work In Restricted Working Space, Add	*83.18*	
22 13 16 00-0163	EA	12" Bell And Spigot Cast Iron Sanitary Tee	2,274.94	217.19
		For Extra Heavy Fittings, Add	*682.23*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.29*	
		For Work In Restricted Working Space, Add	*97.71*	
22 13 16 00-0164		**Bell And Spigot Cast Iron Reducing Sanitary Tees** *(22 13 16 00-0030)*		
22 13 16 00-0165	EA	3" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	196.92	66.92
		For Extra Heavy Fittings, Add	*33.80*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.02*	
		For Work In Restricted Working Space, Add	*30.11*	
22 13 16 00-0166	EA	4" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	233.17	78.40
		For Extra Heavy Fittings, Add	*40.48*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.88*	
		For Work In Restricted Working Space, Add	*35.25*	
22 13 16 00-0167	EA	4" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	244.31	78.40
		For Extra Heavy Fittings, Add	*44.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.88*	
		For Work In Restricted Working Space, Add	*35.25*	
22 13 16 00-0168	EA	6" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	374.59	111.19
		For Extra Heavy Fittings, Add	*72.79*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.33*	
		For Work In Restricted Working Space, Add	*49.99*	
22 13 16 00-0169	EA	6" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	389.97	113.23
		For Extra Heavy Fittings, Add	*77.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.49*	
		For Work In Restricted Working Space, Add	*50.94*	
22 13 16 00-0170	EA	6" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	423.04	120.80
		For Extra Heavy Fittings, Add	*84.68*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.06*	
		For Work In Restricted Working Space, Add	*54.33*	
22 13 16 00-0171	EA	8" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	719.70	142.43
		For Extra Heavy Fittings, Add	*177.15*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.68*	
		For Work In Restricted Working Space, Add	*64.07*	
22 13 16 00-0172	EA	8" x 6" Bell And Spigot Cast Iron Reducing Sanitary Tee	903.41	158.43
		For Extra Heavy Fittings, Add	*233.04*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.88*	
		For Work In Restricted Working Space, Add	*71.27*	
22 13 16 00-0173		**Bell And Spigot Cast Iron Vent Tees** *(22 13 16 00-0030)*		
22 13 16 00-0174	EA	2" Bell And Spigot Cast Iron Vent Tee	125.49	64.02
		For Extra Heavy Fittings, Add	*10.31*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.80*	
		For Work In Restricted Working Space, Add	*28.81*	
22 13 16 00-0175	EA	3" Bell And Spigot Cast Iron Vent Tee	156.38	70.12
		For Extra Heavy Fittings, Add	*17.94*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.54*	
22 13 16 00-0176	EA	4" Bell And Spigot Cast Iron Vent Tee	207.18	91.89
		For Extra Heavy Fittings, Add	*24.31*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.89*	
		For Work In Restricted Working Space, Add	*41.32*	
22 13 16 00-0177	EA	5" Bell And Spigot Cast Iron Vent Tee	268.23	109.83
		For Extra Heavy Fittings, Add	*36.27*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.23*	
		For Work In Restricted Working Space, Add	*49.38*	
22 13 16 00-0178	EA	6" Bell And Spigot Cast Iron Vent Tee	337.69	136.22
		For Extra Heavy Fittings, Add	*46.72*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.21*	
		For Work In Restricted Working Space, Add	*61.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0179	EA	8" Bell And Spigot Cast Iron Vent Tee	578.49	178.67
		For Extra Heavy Fittings, Add	*108.72*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.39*	
		For Work In Restricted Working Space, Add	*80.36*	
22 13 16 00-0180		**Bell And Spigot Cast Iron Tapped Sanitary Tees** *(22 13 16 00-0030)*		
22 13 16 00-0181	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Tee	128.93	64.02
		For Extra Heavy Fittings, Add	*11.51*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.80*	
		For Work In Restricted Working Space, Add	*28.81*	
22 13 16 00-0182	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Tee	142.32	70.12
		For Extra Heavy Fittings, Add	*13.02*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.54*	
22 13 16 00-0183	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Tee	183.57	91.89
		For Extra Heavy Fittings, Add	*16.04*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.89*	
		For Work In Restricted Working Space, Add	*41.32*	
22 13 16 00-0184		**Bell And Spigot Cast Iron Tapped Sanitary Crosses** *(22 13 16 00-0030)*		
22 13 16 00-0185	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Cross	131.11	64.02
		For Extra Heavy Fittings, Add	*12.27*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.80*	
		For Work In Restricted Working Space, Add	*28.81*	
22 13 16 00-0186	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Cross	146.46	70.12
		For Extra Heavy Fittings, Add	*14.47*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.54*	
22 13 16 00-0187	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Cross	193.97	91.89
		For Extra Heavy Fittings, Add	*19.68*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.89*	
		For Work In Restricted Working Space, Add	*41.32*	
22 13 16 00-0188		**Bell And Spigot Cast Iron Reducers** *(22 13 16 00-0030)*		
22 13 16 00-0189	EA	3" x 2" Bell And Spigot Cast Iron Reducer	72.61	36.05
		For Extra Heavy Fittings, Add	*6.52*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.70*	
		For Work In Restricted Working Space, Add	*16.20*	
22 13 16 00-0190	EA	4" x 2" Bell And Spigot Cast Iron Reducer	90.81	47.54
		For Extra Heavy Fittings, Add	*6.81*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.57*	
		For Work In Restricted Working Space, Add	*21.40*	
22 13 16 00-0191	EA	4" x 3" Bell And Spigot Cast Iron Reducer	97.16	47.94
		For Extra Heavy Fittings, Add	*8.86*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.59*	
		For Work In Restricted Working Space, Add	*21.56*	
22 13 16 00-0192	EA	6" x 2" Bell And Spigot Cast Iron Reducer	124.97	58.80
		For Extra Heavy Fittings, Add	*12.87*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.41*	
		For Work In Restricted Working Space, Add	*26.46*	
22 13 16 00-0193	EA	6" x 3" Bell And Spigot Cast Iron Reducer	130.69	59.58
		For Extra Heavy Fittings, Add	*14.47*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.47*	
		For Work In Restricted Working Space, Add	*26.81*	
22 13 16 00-0194	EA	6" x 4" Bell And Spigot Cast Iron Reducer	134.88	60.84
		For Extra Heavy Fittings, Add	*15.30*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.56*	
		For Work In Restricted Working Space, Add	*27.35*	
22 13 16 00-0195	EA	8" x 2" Bell And Spigot Cast Iron Reducer	174.69	62.67
		For Extra Heavy Fittings, Add	*28.25*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.70*	
		For Work In Restricted Working Space, Add	*28.20*	
22 13 16 00-0196	EA	8" x 3" Bell And Spigot Cast Iron Reducer	196.90	76.94
		For Extra Heavy Fittings, Add	*28.54*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.77*	
		For Work In Restricted Working Space, Add	*34.61*	
22 13 16 00-0197	EA	8" x 4" Bell And Spigot Cast Iron Reducer	202.08	78.92
		For Extra Heavy Fittings, Add	*29.30*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.92*	
		For Work In Restricted Working Space, Add	*35.51*	
22 13 16 00-0198	EA	8" x 6" Bell And Spigot Cast Iron Reducer	208.72	82.37
		For Extra Heavy Fittings, Add	*29.84*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.17*	
		For Work In Restricted Working Space, Add	*37.04*	
22 13 16 00-0199	EA	10" x 4" Bell And Spigot Cast Iron Reducer	260.66	92.45
		For Extra Heavy Fittings, Add	*42.71*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.93*	
		For Work In Restricted Working Space, Add	*41.59*	
22 13 16 00-0200	EA	10" x 6" Bell And Spigot Cast Iron Reducer	274.82	97.09
		For Extra Heavy Fittings, Add	*45.22*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.28*	
		For Work In Restricted Working Space, Add	*43.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0201	EA	10" x 8" Bell And Spigot Cast Iron Reducer	292.81	101.33
		For Extra Heavy Fittings, Add	*49.30*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.60*	
		For Work In Restricted Working Space, Add	*45.59*	
22 13 16 00-0202	EA	12" x 4" Bell And Spigot Cast Iron Reducer	363.84	109.84
		For Extra Heavy Fittings, Add	*69.73*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.23*	
		For Work In Restricted Working Space, Add	*49.39*	
22 13 16 00-0203	EA	12" x 6" Bell And Spigot Cast Iron Reducer	405.79	128.50
		For Extra Heavy Fittings, Add	*74.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.64*	
		For Work In Restricted Working Space, Add	*57.82*	
22 13 16 00-0204	EA	12" x 8" Bell And Spigot Cast Iron Reducer	438.87	146.37
		For Extra Heavy Fittings, Add	*76.78*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.97*	
		For Work In Restricted Working Space, Add	*65.85*	
22 13 16 00-0205	EA	12" x 10" Bell And Spigot Cast Iron Reducer	480.80	168.60
		For Extra Heavy Fittings, Add	*79.81*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.64*	
		For Work In Restricted Working Space, Add	*75.83*	
22 13 16 00-0206	EA	15" x 6" Bell And Spigot Cast Iron Reducer	628.34	168.60
		For Extra Heavy Fittings, Add	*131.45*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.64*	
		For Work In Restricted Working Space, Add	*75.83*	
22 13 16 00-0207	EA	15" x 8" Bell And Spigot Cast Iron Reducer	668.58	181.74
		For Extra Heavy Fittings, Add	*138.64*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.62*	
		For Work In Restricted Working Space, Add	*81.74*	
22 13 16 00-0208	EA	15" x 10" Bell And Spigot Cast Iron Reducer	696.17	191.61
		For Extra Heavy Fittings, Add	*143.09*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.37*	
		For Work In Restricted Working Space, Add	*86.20*	
22 13 16 00-0209	EA	15" x 12" Bell And Spigot Cast Iron Reducer	733.56	204.55
		For Extra Heavy Fittings, Add	*149.39*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.34*	
		For Work In Restricted Working Space, Add	*92.02*	
22 13 16 00-0210		**Bell And Spigot Cast Iron P-Traps** *(22 13 16 00-0030)*		
22 13 16 00-0211	EA	2" Bell And Spigot Cast Iron P-Trap	74.79	28.66
		For Extra Heavy Fittings, Add	*11.14*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.15*	
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0212	EA	3" Bell And Spigot Cast Iron P-Trap	100.31	36.05
		For Extra Heavy Fittings, Add	*16.21*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.70*	
		For Work In Restricted Working Space, Add	*16.20*	
22 13 16 00-0213	EA	4" Bell And Spigot Cast Iron P-Trap	136.74	47.94
		For Extra Heavy Fittings, Add	*22.71*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.59*	
		For Work In Restricted Working Space, Add	*21.56*	
22 13 16 00-0214	EA	5" Bell And Spigot Cast Iron P-Trap	220.69	54.43
		For Extra Heavy Fittings, Add	*48.69*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.08*	
		For Work In Restricted Working Space, Add	*24.47*	
22 13 16 00-0215	EA	6" Bell And Spigot Cast Iron P-Trap	296.31	64.03
		For Extra Heavy Fittings, Add	*70.12*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.80*	
		For Work In Restricted Working Space, Add	*28.79*	
22 13 16 00-0216	EA	8" Bell And Spigot Cast Iron P-Trap	658.25	82.37
		For Extra Heavy Fittings, Add	*187.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.17*	
		For Work In Restricted Working Space, Add	*37.04*	
22 13 16 00-0217	EA	10" Bell And Spigot Cast Iron P-Trap	729.72	101.33
		For Extra Heavy Fittings, Add	*202.22*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.60*	
		For Work In Restricted Working Space, Add	*45.59*	
22 13 16 00-0218		**Bell And Spigot Cast Iron Deep Seal P-Traps** *(22 13 16 00-0030)*		
22 13 16 00-0219	EA	2" Bell And Spigot Cast Iron Deep Seal P-Trap	86.89	28.66
		For Extra Heavy Fittings, Add	*15.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.15*	
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0220	EA	3" Bell And Spigot Cast Iron Deep Seal P-Trap	124.08	36.05
		For Extra Heavy Fittings, Add	*24.53*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.70*	
		For Work In Restricted Working Space, Add	*16.20*	
22 13 16 00-0221	EA	4" Bell And Spigot Cast Iron Deep Seal P-Trap	180.93	47.94
		For Extra Heavy Fittings, Add	*38.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.59*	
		For Work In Restricted Working Space, Add	*21.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0222	EA	5" Bell And Spigot Cast Iron Deep Seal P-Trap	300.14	60.84
		For Extra Heavy Fittings, Add	*73.14*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.56*	
		For Work In Restricted Working Space, Add	*27.35*	
22 13 16 00-0223	EA	6" Bell And Spigot Cast Iron Deep Seal P-Trap	318.51	67.82
		For Extra Heavy Fittings, Add	*75.87*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.52*	

22 13 16 00-0224 Bell And Spigot Cast Iron Running Traps With Single Vent *(22 13 16 00-0030)*

22 13 16 00-0225	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Single Vent	200.21	69.22
		For Above Ground Cast Iron Pipe Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.54*	
22 13 16 00-0226	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	267.16	90.99
		For Above Ground Cast Iron Pipe Installation, Add	*6.89*	
		For Work In Restricted Working Space, Add	*41.32*	
22 13 16 00-0227	EA	5" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	365.80	105.66
		For Above Ground Cast Iron Pipe Installation, Add	*7.99*	
		For Work In Restricted Working Space, Add	*47.92*	
22 13 16 00-0228	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	735.86	119.73
		For Above Ground Cast Iron Pipe Installation, Add	*9.06*	
		For Work In Restricted Working Space, Add	*54.33*	
22 13 16 00-0229	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	2,415.92	140.84
		For Above Ground Cast Iron Pipe Installation, Add	*10.68*	
		For Work In Restricted Working Space, Add	*64.07*	
22 13 16 00-0230	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Single Vent	2,615.78	157.15
		For Above Ground Cast Iron Pipe Installation, Add	*11.88*	
		For Work In Restricted Working Space, Add	*71.27*	

22 13 16 00-0231 Bell And Spigot Cast Running Traps With Double Vent *(22 13 16 00-0030)*

22 13 16 00-0232	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Double Vent	255.84	95.59
		For Above Ground Cast Iron Pipe Installation, Add	*7.24*	
		For Work In Restricted Working Space, Add	*43.43*	
22 13 16 00-0233	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	349.84	120.65
		For Above Ground Cast Iron Pipe Installation, Add	*9.16*	
		For Work In Restricted Working Space, Add	*54.96*	
22 13 16 00-0234	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	820.16	147.96
		For Above Ground Cast Iron Pipe Installation, Add	*11.22*	
		For Work In Restricted Working Space, Add	*67.33*	
22 13 16 00-0235	EA	6" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	951.19	179.10
		For Above Ground Cast Iron Pipe Installation, Add	*13.57*	
		For Work In Restricted Working Space, Add	*81.42*	
22 13 16 00-0236	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	2,601.85	170.77
		For Above Ground Cast Iron Pipe Installation, Add	*12.95*	
		For Work In Restricted Working Space, Add	*77.72*	
22 13 16 00-0237	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	2,854.90	202.78
		For Above Ground Cast Iron Pipe Installation, Add	*15.34*	
		For Work In Restricted Working Space, Add	*92.02*	
22 13 16 00-0238	EA	10" x 8" Bell And Spigot Cast Iron Running Trap With Double Vent	3,797.59	233.99
		For Above Ground Cast Iron Pipe Installation, Add	*17.75*	
		For Work In Restricted Working Space, Add	*106.49*	
22 13 16 00-0239	EA	12" x 10" Bell And Spigot Cast Iron Running Trap With Double Vent	5,256.95	270.53
		For Above Ground Cast Iron Pipe Installation, Add	*20.49*	
		For Work In Restricted Working Space, Add	*122.95*	
22 13 16 00-0240	EA	15" x 12" Bell And Spigot Cast Iron Running Trap With Double Vent	10,236.50	312.90
		For Above Ground Cast Iron Pipe Installation, Add	*23.71*	
		For Work In Restricted Working Space, Add	*142.29*	

22 13 16 00-0241 Bell And Spigot Cast Iron Scission Joint Fittings *(22 13 16 00-0030)*

22 13 16 00-0242	EA	2" Bell And Spigot Cast Iron Scission Joint Fitting	156.47	
		For Above Ground Cast Iron Pipe Installation, Add	*2.14*	
		For Work In Restricted Working Space, Add	*12.86*	
22 13 16 00-0243	EA	3" Bell And Spigot Cast Iron Scission Joint Fitting	216.26	
		For Above Ground Cast Iron Pipe Installation, Add	*2.41*	
		For Work In Restricted Working Space, Add	*14.45*	
22 13 16 00-0244	EA	4" Bell And Spigot Cast Iron Scission Joint Fitting	249.37	
		For Above Ground Cast Iron Pipe Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.34*	
22 13 16 00-0245	EA	5" Bell And Spigot Cast Iron Scission Joint Fitting	308.14	
		For Above Ground Cast Iron Pipe Installation, Add	*3.75*	
		For Work In Restricted Working Space, Add	*22.47*	
22 13 16 00-0246	EA	6" Bell And Spigot Cast Iron Scission Joint Fitting	374.23	
		For Above Ground Cast Iron Pipe Installation, Add	*4.53*	
		For Work In Restricted Working Space, Add	*27.15*	
22 13 16 00-0247	EA	8" Bell And Spigot Cast Iron Scission Joint Fitting	711.05	
		For Above Ground Cast Iron Pipe Installation, Add	*5.72*	
		For Work In Restricted Working Space, Add	*34.31*	

22 13 16 00-0248 Cut And Prepare Existing In-Place Cast Iron Pipe *(22 13 16 00-0019)*

Note: For use when connecting pipe to an existing in-place system.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0249	EA	2", Cut And Prepare Existing In-Place Cast Iron Pipe	11.93	
		For Above Ground Cast Iron Pipe Installation, Add	*0.60*	
		For Work In Restricted Working Space, Add	*3.58*	
22 13 16 00-0250	EA	3", Cut And Prepare Existing In-Place Cast Iron Pipe	13.02	
		For Above Ground Cast Iron Pipe Installation, Add	*0.65*	
		For Work In Restricted Working Space, Add	*3.91*	
22 13 16 00-0251	EA	4", Cut And Prepare Existing In-Place Cast Iron Pipe	16.27	
		For Above Ground Cast Iron Pipe Installation, Add	*0.81*	
		For Work In Restricted Working Space, Add	*4.88*	
22 13 16 00-0252	EA	6", Cut And Prepare Existing In-Place Cast Iron Pipe	19.52	
		For Above Ground Cast Iron Pipe Installation, Add	*0.98*	
		For Work In Restricted Working Space, Add	*5.86*	
22 13 16 00-0253	EA	8", Cut And Prepare Existing In-Place Cast Iron Pipe	26.03	
		For Above Ground Cast Iron Pipe Installation, Add	*1.30*	
		For Work In Restricted Working Space, Add	*7.81*	
22 13 16 00-0254	EA	10", Cut And Prepare Existing In-Place Cast Iron Pipe	30.37	
		For Above Ground Cast Iron Pipe Installation, Add	*1.52*	
		For Work In Restricted Working Space, Add	*9.11*	
22 13 16 00-0255	EA	12", Cut And Prepare Existing In-Place Cast Iron Pipe	35.79	
		For Above Ground Cast Iron Pipe Installation, Add	*1.79*	
		For Work In Restricted Working Space, Add	*10.74*	
22 13 16 00-0256	EA	15", Cut And Prepare Existing In-Place Cast Iron Pipe	41.21	
		For Above Ground Cast Iron Pipe Installation, Add	*2.06*	
		For Work In Restricted Working Space, Add	*12.36*	

22 13 16 00-0257 Joint Material *(22 13 16 00-0019)*

Note: Labor costs are included in the installation costs for fittings.

22 13 16 00-0258	LB	Lead (1 LB/Diameter Inch) Joint Material	7.19	
22 13 16 00-0259	LB	Oakum (1/8 LB/Diameter Inch) Joint Material	17.90	
22 13 16 00-0260	EA	2" Dual Tite Rubber Gasket	3.17	
22 13 16 00-0261	EA	3" Dual Tite Rubber Gasket	4.34	
22 13 16 00-0262	EA	4" Dual Tite Rubber Gasket	5.40	
22 13 16 00-0263	EA	6" Dual Tite Rubber Gasket	8.95	
22 13 16 00-0264	EA	8" Dual Tite Rubber Gasket	19.75	
22 13 16 00-0265	EA	10" Dual Tite Rubber Gasket	30.28	
22 13 16 00-0266	EA	12" Dual Tite Rubber Gasket	38.57	
22 13 16 00-0267	EA	15" Dual Tite Rubber Gasket	45.81	

22 13 16 00-0268 No Hub Cast Iron Soil Pipe And Fittings *(22 13 16)*

Note: Service Weight. Excludes hangers.

22 13 16 00-0269 No Hub Cast Iron Pipe *(22 13 16 00-0268)*

Note: Excludes couplings.

22 13 16 00-0270	LF	1-1/2" No Hub Cast Iron Pipe	17.00	6.00
		For Below Ground Installation, Add	*0.45*	
		For Work In Restricted Working Space, Add	*2.70*	
22 13 16 00-0271	LF	2" No Hub Cast Iron Pipe	18.05	6.39
		For Below Ground Installation, Add	*0.48*	
		For Work In Restricted Working Space, Add	*2.90*	
22 13 16 00-0272	LF	3" No Hub Cast Iron Pipe	25.60	9.29
		For Below Ground Installation, Add	*0.70*	
		For Work In Restricted Working Space, Add	*4.19*	
22 13 16 00-0273	LF	4" No Hub Cast Iron Pipe	33.22	12.08
		For Below Ground Installation, Add	*0.91*	
		For Work In Restricted Working Space, Add	*5.45*	
22 13 16 00-0274	LF	5" No Hub Cast Iron Pipe	43.24	14.85
		For Below Ground Installation, Add	*1.11*	
		For Work In Restricted Working Space, Add	*6.68*	
22 13 16 00-0275	LF	6" No Hub Cast Iron Pipe	50.21	16.20
		For Below Ground Installation, Add	*1.21*	
		For Work In Restricted Working Space, Add	*7.28*	
22 13 16 00-0276	LF	8" No Hub Cast Iron Pipe	76.30	23.21
		For Below Ground Installation, Add	*1.74*	
		For Work In Restricted Working Space, Add	*10.42*	
22 13 16 00-0277	LF	10" No Hub Cast Iron Pipe	108.42	26.37
		For Below Ground Installation, Add	*1.98*	
		For Work In Restricted Working Space, Add	*11.85*	

22 13 16 00-0278 No Hub Cast Iron Fittings *(22 13 16 00-0268)*

22 13 16 00-0279 No Hub Cast Iron Long Sweeps *(22 13 16 00-0278)*

22 13 16 00-0280	EA	1-1/2" No Hub Cast Iron Long Sweep	63.15	27.16
		For Below Ground Installation, Add	*2.04*	
		For Work In Restricted Working Space, Add	*12.23*	
22 13 16 00-0281	EA	2" No Hub Cast Iron Long Sweep	65.44	28.36
		For Below Ground Installation, Add	*2.13*	
		For Work In Restricted Working Space, Add	*12.75*	
22 13 16 00-0282	EA	3" No Hub Cast Iron Long Sweep	77.47	32.46
		For Below Ground Installation, Add	*2.44*	
		For Work In Restricted Working Space, Add	*14.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0283	EA	4" No Hub Cast Iron Long Sweep	107.28	42.95
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0284	EA	5" No Hub Cast Iron Long Sweep	152.33	48.99
		For Below Ground Installation, Add	*3.67*	
		For Work In Restricted Working Space, Add	*22.03*	
22 13 16 00-0285	EA	6" No Hub Cast Iron Long Sweep	180.64	58.41
		For Below Ground Installation, Add	*4.38*	
		For Work In Restricted Working Space, Add	*26.29*	
22 13 16 00-0286	EA	8" No Hub Cast Iron Long Sweep	367.16	75.26
		For Below Ground Installation, Add	*5.64*	
		For Work In Restricted Working Space, Add	*33.86*	
22 13 16 00-0287		**No Hub Cast Iron Reducing Long Sweeps** *(22 13 16 00-0278)*		
22 13 16 00-0288	EA	3" x 2" No Hub Cast Iron Reducing Long Sweep	101.16	32.46
		For Below Ground Installation, Add	*2.44*	
		For Work In Restricted Working Space, Add	*14.62*	
22 13 16 00-0289	EA	4" x 3" No Hub Cast Iron Reducing Long Sweep	152.42	42.95
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0290		**No Hub Cast Iron Short Sweeps** *(22 13 16 00-0278)*		
22 13 16 00-0291	EA	2" No Hub Cast Iron Short Sweep	60.68	28.36
		For Below Ground Installation, Add	*2.13*	
		For Work In Restricted Working Space, Add	*12.75*	
22 13 16 00-0292	EA	3" No Hub Cast Iron Short Sweep	73.70	32.46
		For Below Ground Installation, Add	*2.44*	
		For Work In Restricted Working Space, Add	*14.62*	
22 13 16 00-0293	EA	4" No Hub Cast Iron Short Sweep	105.30	42.95
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0294	EA	5" No Hub Cast Iron Short Sweep	153.08	48.99
		For Below Ground Installation, Add	*3.67*	
		For Work In Restricted Working Space, Add	*22.03*	
22 13 16 00-0295	EA	6" No Hub Cast Iron Short Sweep	169.08	58.41
		For Below Ground Installation, Add	*4.38*	
		For Work In Restricted Working Space, Add	*26.29*	
22 13 16 00-0296	EA	8" No Hub Cast Iron Short Sweep	332.22	75.26
		For Below Ground Installation, Add	*5.64*	
		For Work In Restricted Working Space, Add	*33.86*	
22 13 16 00-0297	EA	10" No Hub Cast Iron Short Sweep	543.84	105.39
		For Below Ground Installation, Add	*7.90*	
		For Work In Restricted Working Space, Add	*47.41*	
22 13 16 00-0298		**No Hub Cast Iron 1/4 Bends** *(22 13 16 00-0278)*		
22 13 16 00-0299	EA	1-1/2" No Hub Cast Iron 1/4 Bend	54.87	27.16
		For Below Ground Installation, Add	*2.04*	
		For Work In Restricted Working Space, Add	*12.23*	
22 13 16 00-0300	EA	2" No Hub Cast Iron 1/4 Bend	57.40	28.36
		For Below Ground Installation, Add	*2.13*	
		For Work In Restricted Working Space, Add	*12.75*	
22 13 16 00-0301	EA	3" No Hub Cast Iron 1/4 Bend	68.38	32.46
		For Below Ground Installation, Add	*2.44*	
		For Work In Restricted Working Space, Add	*14.62*	
22 13 16 00-0302	EA	4" No Hub Cast Iron 1/4 Bend	93.56	42.95
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0303	EA	5" No Hub Cast Iron 1/4 Bend	138.48	48.99
		For Below Ground Installation, Add	*3.67*	
		For Work In Restricted Working Space, Add	*22.03*	
22 13 16 00-0304	EA	6" No Hub Cast Iron 1/4 Bend	159.74	58.41
		For Below Ground Installation, Add	*4.38*	
		For Work In Restricted Working Space, Add	*26.29*	
22 13 16 00-0305	EA	8" No Hub Cast Iron 1/4 Bend	305.01	75.26
		For Below Ground Installation, Add	*5.64*	
		For Work In Restricted Working Space, Add	*33.86*	
22 13 16 00-0306		**No Hub Cast Iron 1/8 Bends** *(22 13 16 00-0278)*		
22 13 16 00-0307	EA	1-1/2" No Hub Cast Iron 1/8 Bend	51.84	27.16
		For Below Ground Installation, Add	*2.04*	
		For Work In Restricted Working Space, Add	*12.23*	
22 13 16 00-0308	EA	2" No Hub Cast Iron 1/8 Bend	53.82	28.36
		For Below Ground Installation, Add	*2.13*	
		For Work In Restricted Working Space, Add	*12.75*	
22 13 16 00-0309	EA	3" No Hub Cast Iron 1/8 Bend	64.86	32.46
		For Below Ground Installation, Add	*2.44*	
		For Work In Restricted Working Space, Add	*14.62*	
22 13 16 00-0310	EA	4" No Hub Cast Iron 1/8 Bend	85.64	42.95
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0311	EA	6" No Hub Cast Iron 1/8 Bend	143.54	63.43
		For Below Ground Installation, Add	*4.76*	
		For Work In Restricted Working Space, Add	*28.54*	
22 13 16 00-0312	EA	8" No Hub Cast Iron 1/8 Bend	253.72	83.30
		For Below Ground Installation, Add	*6.24*	
		For Work In Restricted Working Space, Add	*37.46*	
22 13 16 00-0313	EA	10" No Hub Cast Iron 1/8 Bend	396.74	102.47
		For Below Ground Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.10*	
22 13 16 00-0314		**No Hub Cast Iron Wyes** *(22 13 16 00-0278)*		
22 13 16 00-0315	EA	1-1/2" No Hub Cast Iron Wye	83.68	42.74
		For Below Ground Installation, Add	*3.20*	
		For Work In Restricted Working Space, Add	*19.21*	
22 13 16 00-0316	EA	2" No Hub Cast Iron Wye	106.76	57.93
		For Below Ground Installation, Add	*4.34*	
		For Work In Restricted Working Space, Add	*26.06*	
22 13 16 00-0317	EA	3" No Hub Cast Iron Wye	122.33	63.43
		For Below Ground Installation, Add	*4.76*	
		For Work In Restricted Working Space, Add	*28.54*	
22 13 16 00-0318	EA	4" No Hub Cast Iron Wye	169.00	83.30
		For Below Ground Installation, Add	*6.24*	
		For Work In Restricted Working Space, Add	*37.46*	
22 13 16 00-0319	EA	5" No Hub Cast Iron Wye	238.52	95.38
		For Below Ground Installation, Add	*7.15*	
		For Work In Restricted Working Space, Add	*42.89*	
22 13 16 00-0320	EA	6" No Hub Cast Iron Wye	283.01	113.23
		For Below Ground Installation, Add	*8.49*	
		For Work In Restricted Working Space, Add	*50.94*	
22 13 16 00-0321	EA	8" No Hub Cast Iron Wye	491.79	150.63
		For Below Ground Installation, Add	*11.29*	
		For Work In Restricted Working Space, Add	*67.73*	
22 13 16 00-0322	EA	10" No Hub Cast Iron Wye	826.86	167.31
		For Below Ground Installation, Add	*12.54*	
		For Work In Restricted Working Space, Add	*75.25*	
22 13 16 00-0323		**No Hub Cast Iron Reducing Wyes** *(22 13 16 00-0278)*		
22 13 16 00-0324	EA	3" x 1-1/2" No Hub Cast Iron Reducing Wye	104.35	55.33
		For Below Ground Installation, Add	*4.14*	
		For Work In Restricted Working Space, Add	*24.87*	
22 13 16 00-0325	EA	3" x 2" No Hub Cast Iron Reducing Wye	116.58	63.43
		For Below Ground Installation, Add	*4.76*	
		For Work In Restricted Working Space, Add	*28.54*	
22 13 16 00-0326	EA	4" x 2" No Hub Cast Iron Reducing Wye	132.59	70.12
		For Below Ground Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.54*	
22 13 16 00-0327	EA	4" x 3" No Hub Cast Iron Reducing Wye	153.60	77.91
		For Below Ground Installation, Add	*5.84*	
		For Work In Restricted Working Space, Add	*35.04*	
22 13 16 00-0328	EA	6" x 2" No Hub Cast Iron Reducing Wye	205.53	96.34
		For Below Ground Installation, Add	*7.23*	
		For Work In Restricted Working Space, Add	*43.35*	
22 13 16 00-0329	EA	6" x 3" No Hub Cast Iron Reducing Wye	219.76	100.71
		For Below Ground Installation, Add	*7.55*	
		For Work In Restricted Working Space, Add	*45.28*	
22 13 16 00-0330	EA	6" x 4" No Hub Cast Iron Reducing Wye	251.79	117.69
		For Below Ground Installation, Add	*8.82*	
		For Work In Restricted Working Space, Add	*52.92*	
22 13 16 00-0331	EA	8" x 4" No Hub Cast Iron Reducing Wye	329.87	118.42
		For Below Ground Installation, Add	*8.88*	
		For Work In Restricted Working Space, Add	*53.27*	
22 13 16 00-0332	EA	8" x 6" No Hub Cast Iron Reducing Wye	383.21	130.18
		For Below Ground Installation, Add	*9.76*	
		For Work In Restricted Working Space, Add	*58.53*	
22 13 16 00-0333	EA	10" x 4" No Hub Cast Iron Reducing Wye	606.29	138.68
		For Below Ground Installation, Add	*10.40*	
		For Work In Restricted Working Space, Add	*62.38*	
22 13 16 00-0334	EA	10" x 6" No Hub Cast Iron Reducing Wye	639.37	148.45
		For Below Ground Installation, Add	*11.13*	
		For Work In Restricted Working Space, Add	*66.77*	
22 13 16 00-0335	EA	10" x 8" No Hub Cast Iron Reducing Wye	738.16	158.53
		For Below Ground Installation, Add	*11.88*	
		For Work In Restricted Working Space, Add	*71.29*	
22 13 16 00-0336		**No Hub Cast Iron Combination Wye And 1/8 Bends** *(22 13 16 00-0278)*		
22 13 16 00-0337	EA	1-1/2" No Hub Cast Iron Combination Wye And 1/8 Bend	94.44	49.74
		For Below Ground Installation, Add	*3.73*	
		For Work In Restricted Working Space, Add	*22.36*	
22 13 16 00-0338	EA	2" No Hub Cast Iron Combination Wye And 1/8 Bend	107.57	57.93
		For Below Ground Installation, Add	*4.34*	
		For Work In Restricted Working Space, Add	*26.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0339	EA	3" No Hub Cast Iron Combination Wye And 1/8 Bend	128.39	63.43
		For Below Ground Installation, Add	*4.76*	
		For Work In Restricted Working Space, Add	*28.54*	
22 13 16 00-0340	EA	4" No Hub Cast Iron Combination Wye And 1/8 Bend	186.13	83.30
		For Below Ground Installation, Add	*6.24*	
		For Work In Restricted Working Space, Add	*37.46*	
22 13 16 00-0341	EA	6" No Hub Cast Iron Combination Wye And 1/8 Bend	346.36	128.14
		For Below Ground Installation, Add	*9.60*	
		For Work In Restricted Working Space, Add	*57.62*	
22 13 16 00-0342	EA	8" No Hub Cast Iron Combination Wye And 1/8 Bend	633.60	164.40
		For Below Ground Installation, Add	*12.33*	
		For Work In Restricted Working Space, Add	*73.95*	
22 13 16 00-0343	EA	10" No Hub Cast Iron Combination Wye And 1/8 Bend	742.46	198.76
		For Below Ground Installation, Add	*14.90*	
		For Work In Restricted Working Space, Add	*89.39*	

22 13 16 00-0344 No Hub Cast Iron Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0345	EA	2" x 1-1/2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	108.56	57.93
		For Below Ground Installation, Add	*4.34*	
		For Work In Restricted Working Space, Add	*26.06*	
22 13 16 00-0346	EA	3" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	119.61	63.43
		For Below Ground Installation, Add	*4.76*	
		For Work In Restricted Working Space, Add	*28.54*	
22 13 16 00-0347	EA	4" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	138.65	70.12
		For Below Ground Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.54*	
22 13 16 00-0348	EA	4" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	159.48	77.91
		For Below Ground Installation, Add	*5.84*	
		For Work In Restricted Working Space, Add	*35.04*	
22 13 16 00-0349	EA	6" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	223.16	96.34
		For Below Ground Installation, Add	*7.23*	
		For Work In Restricted Working Space, Add	*43.35*	
22 13 16 00-0350	EA	6" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	250.55	100.71
		For Below Ground Installation, Add	*7.55*	
		For Work In Restricted Working Space, Add	*45.28*	
22 13 16 00-0351	EA	6" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	278.75	117.69
		For Below Ground Installation, Add	*8.82*	
		For Work In Restricted Working Space, Add	*52.92*	
22 13 16 00-0352	EA	8" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	380.26	118.42
		For Below Ground Installation, Add	*8.88*	
		For Work In Restricted Working Space, Add	*53.27*	
22 13 16 00-0353	EA	8" x 6" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	498.41	130.18
		For Below Ground Installation, Add	*9.76*	
		For Work In Restricted Working Space, Add	*58.53*	

22 13 16 00-0354 No Hub Cast Iron Double Wyes *(22 13 16 00-0278)*

22 13 16 00-0355	EA	2" No Hub Cast Iron Double Wye	135.73	72.01
		For Below Ground Installation, Add	*5.40*	
		For Work In Restricted Working Space, Add	*32.39*	
22 13 16 00-0356	EA	3" No Hub Cast Iron Double Wye	182.62	87.70
		For Below Ground Installation, Add	*6.57*	
		For Work In Restricted Working Space, Add	*39.43*	
22 13 16 00-0357	EA	4" No Hub Cast Iron Double Wye	249.08	95.88
		For Below Ground Installation, Add	*7.19*	
		For Work In Restricted Working Space, Add	*43.11*	
22 13 16 00-0358	EA	6" No Hub Cast Iron Double Wye	395.47	142.73
		For Below Ground Installation, Add	*10.70*	
		For Work In Restricted Working Space, Add	*64.17*	
22 13 16 00-0359	EA	8" No Hub Cast Iron Double Wye	779.00	191.61
		For Below Ground Installation, Add	*14.37*	
		For Work In Restricted Working Space, Add	*86.20*	

22 13 16 00-0360 No Hub Cast Iron Reducing Double Wyes *(22 13 16 00-0278)*

22 13 16 00-0361	EA	3" x 2" No Hub Cast Iron Double Wye	163.51	79.80
		For Below Ground Installation, Add	*5.98*	
		For Work In Restricted Working Space, Add	*35.88*	
22 13 16 00-0362	EA	4" x 2" No Hub Cast Iron Double Wye	196.76	91.89
		For Below Ground Installation, Add	*6.89*	
		For Work In Restricted Working Space, Add	*41.33*	
22 13 16 00-0363	EA	4" x 3" No Hub Cast Iron Double Wye	216.73	100.18
		For Below Ground Installation, Add	*7.51*	
		For Work In Restricted Working Space, Add	*45.06*	
22 13 16 00-0364	EA	6" x 4" No Hub Cast Iron Double Wye	335.89	125.84
		For Below Ground Installation, Add	*9.43*	
		For Work In Restricted Working Space, Add	*56.60*	

22 13 16 00-0365 No Hub Cast Iron Double Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0366	EA	2" No Hub Cast Iron Double Combination Wye And 1/8 Bend	178.38	86.50
		For Below Ground Installation, Add	*6.49*	
		For Work In Restricted Working Space, Add	*38.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0367	EA	3" No Hub Cast Iron Double Combination Wye And 1/8 Bend	219.09	95.88
		For Below Ground Installation, Add	*7.19*	
		For Work In Restricted Working Space, Add	*43.11*	
22 13 16 00-0368	EA	4" No Hub Cast Iron Double Combination Wye And 1/8 Bend	334.21	126.94
		For Below Ground Installation, Add	*9.51*	
		For Work In Restricted Working Space, Add	*57.08*	
22 13 16 00-0369	EA	6" No Hub Cast Iron Double Combination Wye And 1/8 Bend	461.84	195.96
		For Below Ground Installation, Add	*14.69*	
		For Work In Restricted Working Space, Add	*88.13*	
22 13 16 00-0370		No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0278)*		
22 13 16 00-0371	EA	3" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	168.05	74.41
		For Below Ground Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.48*	
22 13 16 00-0372	EA	4" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	194.76	86.50
		For Below Ground Installation, Add	*6.49*	
		For Work In Restricted Working Space, Add	*38.91*	
22 13 16 00-0373	EA	4" x 3" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	236.22	94.49
		For Below Ground Installation, Add	*7.08*	
		For Work In Restricted Working Space, Add	*42.50*	
22 13 16 00-0374		No Hub Cast Iron Sanitary Tees *(22 13 16 00-0278)*		
22 13 16 00-0375	EA	1-1/2" No Hub Cast Iron Sanitary Tee	81.50	41.85
		For Below Ground Installation, Add	*3.14*	
		For Work In Restricted Working Space, Add	*18.85*	
22 13 16 00-0376	EA	2" No Hub Cast Iron Sanitary Tee	107.75	57.93
		For Below Ground Installation, Add	*4.34*	
		For Work In Restricted Working Space, Add	*26.06*	
22 13 16 00-0377	EA	3" No Hub Cast Iron Sanitary Tee	120.10	63.43
		For Below Ground Installation, Add	*4.76*	
		For Work In Restricted Working Space, Add	*28.54*	
22 13 16 00-0378	EA	4" No Hub Cast Iron Sanitary Tee	163.93	83.30
		For Below Ground Installation, Add	*6.24*	
		For Work In Restricted Working Space, Add	*37.46*	
22 13 16 00-0379	EA	5" No Hub Cast Iron Sanitary Tee	239.57	95.38
		For Below Ground Installation, Add	*7.15*	
		For Work In Restricted Working Space, Add	*42.89*	
22 13 16 00-0380	EA	6" No Hub Cast Iron Sanitary Tee	282.27	113.23
		For Below Ground Installation, Add	*8.49*	
		For Work In Restricted Working Space, Add	*50.94*	
22 13 16 00-0381	EA	8" No Hub Cast Iron Sanitary Tee	554.30	150.63
		For Below Ground Installation, Add	*11.29*	
		For Work In Restricted Working Space, Add	*67.73*	
22 13 16 00-0382		No Hub Cast Iron Reducing Sanitary Tees *(22 13 16 00-0278)*		
22 13 16 00-0383	EA	2" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee	91.73	47.24
		For Below Ground Installation, Add	*3.54*	
		For Work In Restricted Working Space, Add	*21.25*	
22 13 16 00-0384	EA	3" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee	106.08	55.33
		For Below Ground Installation, Add	*4.14*	
		For Work In Restricted Working Space, Add	*24.87*	
22 13 16 00-0385	EA	3" x 2" No Hub Cast Iron Reducing Sanitary Tee	110.04	57.93
		For Below Ground Installation, Add	*4.34*	
		For Work In Restricted Working Space, Add	*26.06*	
22 13 16 00-0386	EA	3" x 4" No Hub Cast Iron Reducing Sanitary Tee	133.97	57.93
		For Below Ground Installation, Add	*4.34*	
		For Work In Restricted Working Space, Add	*26.06*	
22 13 16 00-0387	EA	4" x 2" No Hub Cast Iron Reducing Sanitary Tee	147.25	78.40
		For Below Ground Installation, Add	*5.88*	
		For Work In Restricted Working Space, Add	*35.25*	
22 13 16 00-0388	EA	4" x 3" No Hub Cast Iron Reducing Sanitary Tee	153.07	78.40
		For Below Ground Installation, Add	*5.88*	
		For Work In Restricted Working Space, Add	*35.25*	
22 13 16 00-0389	EA	5" x 2" No Hub Cast Iron Reducing Sanitary Tee	204.91	90.62
		For Below Ground Installation, Add	*6.79*	
		For Work In Restricted Working Space, Add	*40.75*	
22 13 16 00-0390	EA	5" x 3" No Hub Cast Iron Reducing Sanitary Tee	213.01	90.62
		For Below Ground Installation, Add	*6.79*	
		For Work In Restricted Working Space, Add	*40.75*	
22 13 16 00-0391	EA	5" x 4" No Hub Cast Iron Reducing Sanitary Tee	214.00	90.62
		For Below Ground Installation, Add	*6.79*	
		For Work In Restricted Working Space, Add	*40.75*	
22 13 16 00-0392	EA	6" x 4" No Hub Cast Iron Reducing Sanitary Tee	221.95	94.41
		For Below Ground Installation, Add	*7.08*	
		For Work In Restricted Working Space, Add	*42.45*	
22 13 16 00-0393	EA	8" x 6" No Hub Cast Iron Reducing Sanitary Tee	435.22	127.02
		For Below Ground Installation, Add	*9.52*	
		For Work In Restricted Working Space, Add	*57.12*	
22 13 16 00-0394		No Hub Cast Iron Sanitary Tapped Tees *(22 13 16 00-0278)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0395	EA	2" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	63.46	28.36
		For Below Ground Installation, Add	*2.13*	
		For Work In Restricted Working Space, Add	*12.75*	
22 13 16 00-0396	EA	3" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	73.89	32.46
		For Below Ground Installation, Add	*2.44*	
		For Work In Restricted Working Space, Add	*14.62*	
22 13 16 00-0397	EA	4" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	90.15	42.95
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	

22 13 16 00-0398 No Hub Cast Iron Cleanout Tees *(22 13 16 00-0278)*

22 13 16 00-0399	EA	2" No Hub Cast Iron Cleanout Tee	59.81	28.36
		For Below Ground Installation, Add	*2.13*	
		For Work In Restricted Working Space, Add	*12.75*	
22 13 16 00-0400	EA	3" No Hub Cast Iron Cleanout Tee	76.55	32.46
		For Below Ground Installation, Add	*2.44*	
		For Work In Restricted Working Space, Add	*14.62*	
22 13 16 00-0401	EA	4" No Hub Cast Iron Cleanout Tee	113.34	42.95
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0402	EA	6" No Hub Cast Iron Cleanout Tee	190.54	63.43
		For Below Ground Installation, Add	*4.76*	
		For Work In Restricted Working Space, Add	*28.54*	

22 13 16 00-0403 No Hub Cast Iron Two-Way Cleanout Tees *(22 13 16 00-0278)*

22 13 16 00-0404	EA	4" No Hub Cast Iron Single Two-Way Cleanout Tee	264.52	83.30
		For Below Ground Installation, Add	*6.24*	
		For Work In Restricted Working Space, Add	*37.46*	
22 13 16 00-0405	EA	4" No Hub Cast Iron Double Two-Way Cleanout Tee	319.46	126.55
		For Below Ground Installation, Add	*9.49*	
		For Work In Restricted Working Space, Add	*56.93*	

22 13 16 00-0406 No Hub Cast Iron Cleanout Plugs *(22 13 16 00-0278)*

22 13 16 00-0407	EA	2" No Hub Cast Iron Cleanout Plug	49.86	28.36
		For Below Ground Installation, Add	*2.13*	
		For Work In Restricted Working Space, Add	*12.75*	
22 13 16 00-0408	EA	3" No Hub Cast Iron Cleanout Plug	60.28	32.46
		For Below Ground Installation, Add	*2.44*	
		For Work In Restricted Working Space, Add	*14.62*	
22 13 16 00-0409	EA	4" No Hub Cast Iron Cleanout Plug	86.38	42.95
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0410	EA	6" No Hub Cast Iron Cleanout Plug	136.12	63.43
		For Below Ground Installation, Add	*4.76*	
		For Work In Restricted Working Space, Add	*28.54*	
22 13 16 00-0411	EA	8" No Hub Cast Iron Cleanout Plug	181.18	83.30
		For Below Ground Installation, Add	*6.24*	
		For Work In Restricted Working Space, Add	*37.46*	

22 13 16 00-0412 No Hub Cast Iron Sanitary Crosses *(22 13 16 00-0278)*

22 13 16 00-0413	EA	1-1/2" No Hub Cast Iron Sanitary Cross	109.17	55.94
		For Below Ground Installation, Add	*4.20*	
		For Work In Restricted Working Space, Add	*25.18*	
22 13 16 00-0414	EA	2" No Hub Cast Iron Sanitary Cross	118.39	57.93
		For Below Ground Installation, Add	*4.34*	
		For Work In Restricted Working Space, Add	*26.06*	
22 13 16 00-0415	EA	3" No Hub Cast Iron Sanitary Cross	144.78	63.43
		For Below Ground Installation, Add	*4.76*	
		For Work In Restricted Working Space, Add	*28.54*	
22 13 16 00-0416	EA	4" No Hub Cast Iron Sanitary Cross	218.16	83.30
		For Below Ground Installation, Add	*6.24*	
		For Work In Restricted Working Space, Add	*37.46*	
22 13 16 00-0417	EA	3" x 2" No Hub Cast Iron Sanitary Cross	156.22	74.41
		For Below Ground Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.47*	
22 13 16 00-0418	EA	4" x 2" No Hub Cast Iron Sanitary Cross	177.94	76.61
		For Below Ground Installation, Add	*5.74*	
		For Work In Restricted Working Space, Add	*34.46*	
22 13 16 00-0419	EA	4" x 3" No Hub Cast Iron Sanitary Cross	196.00	80.01
		For Below Ground Installation, Add	*5.99*	
		For Work In Restricted Working Space, Add	*35.96*	

22 13 16 00-0420 No Hub Cast Iron Reducers *(22 13 16 00-0278)*

22 13 16 00-0421	EA	3" x 2" No Hub Cast Iron Reducer	97.42	57.93
		For Below Ground Installation, Add	*4.34*	
		For Work In Restricted Working Space, Add	*26.06*	
22 13 16 00-0422	EA	4" x 2" No Hub Cast Iron Reducer	133.65	78.40
		For Below Ground Installation, Add	*5.88*	
		For Work In Restricted Working Space, Add	*35.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0423	EA	4" x 3" No Hub Cast Iron Reducer	134.14	78.40
		For Below Ground Installation, Add	*5.88*	
		For Work In Restricted Working Space, Add	*35.25*	
22 13 16 00-0424	EA	5" x 2" No Hub Cast Iron Reducer	159.52	90.62
		For Below Ground Installation, Add	*6.79*	
		For Work In Restricted Working Space, Add	*40.75*	
22 13 16 00-0425	EA	5" x 3" No Hub Cast Iron Reducer	162.80	90.62
		For Below Ground Installation, Add	*6.79*	
		For Work In Restricted Working Space, Add	*40.75*	
22 13 16 00-0426	EA	5" x 4" No Hub Cast Iron Reducer	164.10	90.62
		For Below Ground Installation, Add	*6.79*	
		For Work In Restricted Working Space, Add	*40.75*	
22 13 16 00-0427	EA	6" x 3" No Hub Cast Iron Reducer	191.80	100.71
		For Below Ground Installation, Add	*7.55*	
		For Work In Restricted Working Space, Add	*45.28*	
22 13 16 00-0428	EA	6" x 4" No Hub Cast Iron Reducer	192.30	100.71
		For Below Ground Installation, Add	*7.55*	
		For Work In Restricted Working Space, Add	*45.28*	
22 13 16 00-0429	EA	6" x 5" No Hub Cast Iron Reducer	193.78	100.71
		For Below Ground Installation, Add	*7.55*	
		For Work In Restricted Working Space, Add	*45.28*	
22 13 16 00-0430	EA	8" x 2" No Hub Cast Iron Reducer	265.19	140.55
		For Below Ground Installation, Add	*10.54*	
		For Work In Restricted Working Space, Add	*63.21*	
22 13 16 00-0431	EA	8" x 3" No Hub Cast Iron Reducer	268.96	140.55
		For Below Ground Installation, Add	*10.54*	
		For Work In Restricted Working Space, Add	*63.21*	
22 13 16 00-0432	EA	8" x 4" No Hub Cast Iron Reducer	275.02	140.55
		For Below Ground Installation, Add	*10.54*	
		For Work In Restricted Working Space, Add	*63.21*	
22 13 16 00-0433	EA	8" x 5" No Hub Cast Iron Reducer	281.33	140.55
		For Below Ground Installation, Add	*10.54*	
		For Work In Restricted Working Space, Add	*63.21*	
22 13 16 00-0434	EA	8" x 6" No Hub Cast Iron Reducer	282.07	140.55
		For Below Ground Installation, Add	*10.54*	
		For Work In Restricted Working Space, Add	*63.21*	
22 13 16 00-0435	EA	10" x 4" No Hub Cast Iron Reducer	339.23	148.26
		For Below Ground Installation, Add	*11.11*	
		For Work In Restricted Working Space, Add	*66.67*	
22 13 16 00-0436	EA	10" x 6" No Hub Cast Iron Reducer	363.21	154.77
		For Below Ground Installation, Add	*11.61*	
		For Work In Restricted Working Space, Add	*69.63*	
22 13 16 00-0437	EA	10" x 8" No Hub Cast Iron Reducer	408.94	168.01
		For Below Ground Installation, Add	*12.59*	
		For Work In Restricted Working Space, Add	*75.56*	

22 13 16 00-0438 No Hub Cast Iron Blind Plugs *(22 13 16 00-0278)*

22 13 16 00-0439	EA	1-1/2" No Hub Cast Iron Blind Plug	26.45	13.60
		For Below Ground Installation, Add	*1.02*	
		For Work In Restricted Working Space, Add	*6.12*	
22 13 16 00-0440	EA	2" No Hub Cast Iron Blind Plug	27.07	14.18
		For Below Ground Installation, Add	*1.06*	
		For Work In Restricted Working Space, Add	*6.38*	
22 13 16 00-0441	EA	3" No Hub Cast Iron Blind Plug	34.69	16.28
		For Below Ground Installation, Add	*1.22*	
		For Work In Restricted Working Space, Add	*7.31*	
22 13 16 00-0442	EA	4" No Hub Cast Iron Blind Plug	46.04	21.48
		For Below Ground Installation, Add	*1.61*	
		For Work In Restricted Working Space, Add	*9.66*	
22 13 16 00-0443	EA	5" No Hub Cast Iron Blind Plug	63.07	24.94
		For Below Ground Installation, Add	*1.87*	
		For Work In Restricted Working Space, Add	*11.21*	
22 13 16 00-0444	EA	6" No Hub Cast Iron Blind Plug	69.82	29.20
		For Below Ground Installation, Add	*2.19*	
		For Work In Restricted Working Space, Add	*13.16*	
22 13 16 00-0445	EA	8" No Hub Cast Iron Blind Plug	138.34	37.63
		For Below Ground Installation, Add	*2.82*	
		For Work In Restricted Working Space, Add	*16.92*	
22 13 16 00-0446	EA	10" No Hub Cast Iron Blind Plug	178.54	40.50
		For Below Ground Installation, Add	*3.04*	
		For Work In Restricted Working Space, Add	*18.22*	

22 13 16 00-0447 No Hub Cast Iron P-Traps *(22 13 16 00-0278)*

22 13 16 00-0448	EA	2" No Hub Cast Iron P-Trap	63.96	28.36
		For Below Ground Installation, Add	*2.13*	
		For Work In Restricted Working Space, Add	*12.75*	
22 13 16 00-0449	EA	3" No Hub Cast Iron P-Trap	97.63	32.46
		For Below Ground Installation, Add	*2.44*	
		For Work In Restricted Working Space, Add	*14.62*	
22 13 16 00-0450	EA	4" No Hub Cast Iron P-Trap	149.39	42.95
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0451	EA	5" No Hub Cast Iron P-Trap	268.42	49.39
		For Below Ground Installation, Add	*3.70*	
		For Work In Restricted Working Space, Add	*22.20*	
22 13 16 00-0452	EA	6" No Hub Cast Iron P-Trap	282.89	58.89
		For Below Ground Installation, Add	*4.41*	
		For Work In Restricted Working Space, Add	*26.49*	

22 13 16 00-0453 No Hub Cast Iron Deep Seal P-Traps *(22 13 16 00-0278)*

22 13 16 00-0454	EA	2" No Hub Cast Iron Deep Seal P-Trap	105.19	36.05
		For Below Ground Installation, Add	*2.70*	
		For Work In Restricted Working Space, Add	*16.20*	
22 13 16 00-0455	EA	3" No Hub Cast Iron Deep Seal P-Trap	153.54	47.94
		For Below Ground Installation, Add	*3.59*	
		For Work In Restricted Working Space, Add	*21.56*	
22 13 16 00-0456	EA	4" No Hub Cast Iron Deep Seal P-Trap	225.98	63.32
		For Below Ground Installation, Add	*4.74*	
		For Work In Restricted Working Space, Add	*28.46*	

22 13 16 00-0457 No Hub Cast Iron Closet Flanges *(22 13 16 00-0278)*

22 13 16 00-0458	EA	4" No Hub Cast Iron Closet Flange	98.44	42.95
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0459	EA	4" x 2-1/2" No Hub Cast Iron Offset Closet Flange	105.50	42.95
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	

22 13 16 00-0460 No Hub Cast Iron Closet Bends *(22 13 16 00-0278)*

22 13 16 00-0461	EA	4" x 16" No Hub Cast Iron Closet Bend	197.57	42.95
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	

22 13 16 00-0462 No Hub Cast Iron Threaded Adapter *(22 13 16 00-0278)*

22 13 16 00-0463	EA	1-1/4" No Hub Cast Iron Threaded Adapter	72.42	36.05
		For Below Ground Installation, Add	*2.70*	
		For Work In Restricted Working Space, Add	*16.20*	
22 13 16 00-0464	EA	1-1/2" No Hub Cast Iron Threaded Adapter	78.11	36.05
		For Below Ground Installation, Add	*2.70*	
		For Work In Restricted Working Space, Add	*16.20*	

22 13 16 00-0465 No Hub Couplings *(22 13 16 00-0278)*

Note: Includes stainless steel shield/clamps assembly with elastomeric gasket, ASTM C 564. (Fernco NH). Labor costs are included in the installation costs for fittings.

22 13 16 00-0466	EA	1-1/2" No Hub Coupling	11.56
		For Medium Duty (Fernco MD-2000), Add	*1.50*
		For Heavy Duty (Fernco HD-4000), Add	*3.12*
22 13 16 00-0467	EA	2" No Hub Coupling	11.56
		For Medium Duty (Fernco MD-2000), Add	*1.50*
		For Heavy Duty (Fernco HD-4000), Add	*3.12*
22 13 16 00-0468	EA	3" No Hub Coupling	13.73
		For Medium Duty (Fernco MD-2000), Add	*1.78*
		For Heavy Duty (Fernco HD-4000), Add	*3.71*
22 13 16 00-0469	EA	4" No Hub Coupling	16.30
		For Medium Duty (Fernco MD-2000), Add	*2.12*
		For Heavy Duty (Fernco HD-4000), Add	*4.40*
22 13 16 00-0470	EA	5" No Hub Coupling	37.68
		For Medium Duty (Fernco MD-2000), Add	*4.90*
		For Heavy Duty (Fernco HD-4000), Add	*10.17*
22 13 16 00-0471	EA	6" No Hub Coupling	41.40
		For Medium Duty (Fernco MD-2000), Add	*5.38*
		For Heavy Duty (Fernco HD-4000), Add	*11.18*
22 13 16 00-0472	EA	8" No Hub Coupling	78.00
		For Medium Duty (Fernco MD-2000), Add	*10.14*
		For Heavy Duty (Fernco HD-4000), Add	*21.06*
22 13 16 00-0473	EA	10" No Hub Coupling	107.45
		For Medium Duty (Fernco MD-2000), Add	*13.97*
		For Heavy Duty (Fernco HD-4000), Add	*29.01*
22 13 16 00-0474	EA	2" x 1-1/2" No Hub Reducing Coupling	13.73
22 13 16 00-0475	EA	3" x 2" No Hub Reducing Coupling	21.29
22 13 16 00-0476	EA	4" x 2" No Hub Reducing Coupling	29.69
22 13 16 00-0477	EA	4" x 3" No Hub Reducing Coupling	25.30

22 13 16 00-0478 Cast Iron Mechanical Joint Couplings With Neoprene Gasket And Bolts *(22 13 16 00-0278)*

Note: For underground connections. Labor costs are included in the installation costs for fittings. See CSI section 22 13 16 00-0869 for additional FERNCO couplings.

22 13 16 00-0479	EA	1-1/2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	40.74
22 13 16 00-0480	EA	2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	42.05
22 13 16 00-0481	EA	3" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	44.15

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0482	EA	4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	51.51	
22 13 16 00-0483	EA	5" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	97.24	
22 13 16 00-0484	EA	6" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	133.51	
22 13 16 00-0485	EA	8" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	233.90	
22 13 16 00-0486	EA	10" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	357.42	
22 13 16 00-0487		**Cut And Prepare Existing Pipe In-Place** *(22 13 16 00-0268)*		
		Note: For use when connecting pipe to an existing in-place system.		
22 13 16 00-0488	EA	Cut And Prepare 1-1/2" Cast Iron Pipe, No Hub	9.76	
		For Work In Restricted Working Space, Add	*2.93*	
22 13 16 00-0489	EA	Cut And Prepare 2" Cast Iron Pipe, No Hub	11.93	
		For Work In Restricted Working Space, Add	*3.58*	
22 13 16 00-0490	EA	Cut And Prepare 3" Cast Iron Pipe, No Hub	13.02	
		For Work In Restricted Working Space, Add	*3.91*	
22 13 16 00-0491	EA	Cut And Prepare 4" Cast Iron Pipe, No Hub	16.27	
		For Work In Restricted Working Space, Add	*4.88*	
22 13 16 00-0492	EA	Cut And Prepare 6" Cast Iron Pipe, No Hub	19.52	
		For Work In Restricted Working Space, Add	*5.86*	
22 13 16 00-0493	EA	Cut And Prepare 8" Cast Iron Pipe, No Hub	26.03	
		For Work In Restricted Working Space, Add	*7.81*	
22 13 16 00-0494	EA	Cut And Prepare 10" Cast Iron Pipe, No Hub	30.37	
		For Work In Restricted Working Space, Add	*9.11*	
22 13 16 00-0495		**Copper Drain-Waste-Vent (DWV) Pipe** *(22 13 16)*		
		See CSI section 22 11 16 00-0436 for copper and brass fittings.		
22 13 16 00-0496	LF	1-1/4" Hard Drawn DWV Copper Tube/Pipe	16.08	4.69
22 13 16 00-0497	LF	1-1/2" Hard Drawn DWV Copper Tube/Pipe	19.21	5.24
22 13 16 00-0498	LF	2" Hard Drawn DWV Copper Tube/Pipe	24.75	6.47
22 13 16 00-0499	LF	3" Hard Drawn DWV Copper Tube/Pipe	53.11	8.96
22 13 16 00-0500	LF	4" Hard Drawn DWV Copper Tube/Pipe	74.43	10.11
22 13 16 00-0501	LF	5" Hard Drawn DWV Copper Tube/Pipe	147.09	11.61
22 13 16 00-0502	LF	6" Hard Drawn DWV Copper Tube/Pipe	209.64	17.99
22 13 16 00-0503		**Polyvinyl Chloride (PVC) Drain-Waste-Vent (DWV) Pipe And Fittings** *(22 13 16)*		
		Note: Aboveground installation. See CSI section 33 31 11 00-0002 for underground installation.		
22 13 16 00-0504		**Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies** *(22 13 16 00-0503)*		
22 13 16 00-0505		**Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies** *(22 13 16 00-0504)*		
		Note: Includes all fittings. Fittings are assumed every 20'. Excludes excavation, backfill and compaction. Not for use where detail is available.Not for use where detail is available.		
22 13 16 00-0506	LF	1-1/2" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	11.60	
		For Work In Restricted Working Space, Add	*2.34*	
22 13 16 00-0507	LF	2" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	13.95	
		For Work In Restricted Working Space, Add	*2.84*	
22 13 16 00-0508	LF	3" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	22.91	
		For Work In Restricted Working Space, Add	*4.03*	
22 13 16 00-0509	LF	4" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	29.45	
		For Work In Restricted Working Space, Add	*4.44*	
22 13 16 00-0510	LF	6" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	52.54	
		For Work In Restricted Working Space, Add	*5.71*	
22 13 16 00-0511	LF	8" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	75.21	
		For Work In Restricted Working Space, Add	*7.63*	
22 13 16 00-0512	LF	10" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	109.02	
		For Work In Restricted Working Space, Add	*10.18*	
22 13 16 00-0513		**Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies** *(22 13 16 00-0504)*		
		Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.		
22 13 16 00-0514	LF	1-1/2" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	23.13	4.19
		For Work In Restricted Working Space, Add	*4.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0515	LF	2" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	25.99	4.99
		For Work In Restricted Working Space, Add	*5.35*	
22 13 16 00-0516	LF	3" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	36.79	7.20
		For Work In Restricted Working Space, Add	*6.65*	
22 13 16 00-0517	LF	4" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	46.25	7.79
		For Work In Restricted Working Space, Add	*7.25*	
22 13 16 00-0518	LF	6" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	72.32	9.99
		For Work In Restricted Working Space, Add	*9.29*	
22 13 16 00-0519	LF	8" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	95.38	13.28
		For Work In Restricted Working Space, Add	*10.65*	
22 13 16 00-0520	LF	10" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	134.13	17.78
		For Work In Restricted Working Space, Add	*13.88*	
22 13 16 00-0521		**Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe** *(22 13 16 00-0503)* Note: Excludes fittings or hangers.		
22 13 16 00-0522		**Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (ASTM D-2665)** *(22 13 16 00-0521)* Note: Excludes fittings or hangers.		
22 13 16 00-0523	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	8.92	4.19
		For Work In Restricted Working Space, Add	*1.87*	
22 13 16 00-0524	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	10.99	4.99
		For Work In Restricted Working Space, Add	*2.24*	
22 13 16 00-0525	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	17.78	7.20
		For Work In Restricted Working Space, Add	*3.22*	
22 13 16 00-0526	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	21.58	7.79
		For Work In Restricted Working Space, Add	*3.50*	
22 13 16 00-0527	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	32.26	9.70
		For Work In Restricted Working Space, Add	*4.36*	
22 13 16 00-0528	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	46.30	12.90
		For Work In Restricted Working Space, Add	*5.82*	
22 13 16 00-0529	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	67.06	17.27
		For Work In Restricted Working Space, Add	*7.76*	
22 13 16 00-0530		**Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe (ASTM F-891)** *(22 13 16 00-0521)* Note: Excludes fittings or hangers.		
22 13 16 00-0531	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	8.12	4.19
		For Work In Restricted Working Space, Add	*1.87*	
22 13 16 00-0532	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	10.05	4.99
		For Work In Restricted Working Space, Add	*2.24*	
22 13 16 00-0533	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	15.98	7.20
		For Work In Restricted Working Space, Add	*3.22*	
22 13 16 00-0534	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	19.20	7.79
		For Work In Restricted Working Space, Add	*3.50*	
22 13 16 00-0535	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	27.83	9.70
		For Work In Restricted Working Space, Add	*4.36*	
22 13 16 00-0536	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	40.08	12.90
		For Work In Restricted Working Space, Add	*5.82*	
22 13 16 00-0537	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	60.29	17.27
		For Work In Restricted Working Space, Add	*7.76*	
22 13 16 00-0538		**Polyvinyl Chloride (PVC) DWV Fittings (ASTM D-2665)** *(22 13 16 00-0503)*		
22 13 16 00-0539		**Polyvinyl Chloride (PVC) DWV 1/4 Bends** *(22 13 16 00-0538)*		
22 13 16 00-0540	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/4 Bends	31.17	16.68
		For Work In Restricted Working Space, Add	*7.49*	
22 13 16 00-0541	EA	2" Polyvinyl Chloride (PVC) DWV 1/4 Bends	39.83	21.28
		For Work In Restricted Working Space, Add	*9.59*	
22 13 16 00-0542	EA	3" Polyvinyl Chloride (PVC) DWV 1/4 Bends	67.40	28.56
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0543	EA	4" Polyvinyl Chloride (PVC) DWV 1/4 Bends	101.82	33.26
		For Work In Restricted Working Space, Add	*14.98*	
22 13 16 00-0544	EA	6" Polyvinyl Chloride (PVC) DWV 1/4 Bends	380.60	43.25
		For Work In Restricted Working Space, Add	*19.48*	
22 13 16 00-0545	EA	8" Polyvinyl Chloride (PVC) DWV 1/4 Bends	628.14	58.23
		For Work In Restricted Working Space, Add	*26.22*	
22 13 16 00-0546	EA	10" Polyvinyl Chloride (PVC) DWV 1/4 Bends	829.45	77.61
		For Work In Restricted Working Space, Add	*34.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0547		**Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends** *(22 13 16 00-0538)*		
22 13 16 00-0548	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	48.58	16.68
		For Work In Restricted Working Space, Add	*7.49*	
22 13 16 00-0549	EA	2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	49.85	21.28
		For Work In Restricted Working Space, Add	*9.59*	
22 13 16 00-0550	EA	3" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	93.16	28.56
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0551	EA	4" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	149.05	33.26
		For Work In Restricted Working Space, Add	*14.98*	
22 13 16 00-0552	EA	6" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	289.38	43.25
		For Work In Restricted Working Space, Add	*19.48*	
22 13 16 00-0553	EA	8" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	508.25	58.23
		For Work In Restricted Working Space, Add	*26.22*	
22 13 16 00-0554	EA	10" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	827.30	77.61
		For Work In Restricted Working Space, Add	*34.96*	
22 13 16 00-0555		**Polyvinyl Chloride (PVC) DWV 1/8 Bends** *(22 13 16 00-0538)*		
22 13 16 00-0556	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/8 Bends	32.60	16.68
		For Work In Restricted Working Space, Add	*7.49*	
22 13 16 00-0557	EA	2" Polyvinyl Chloride (PVC) DWV 1/8 Bends	39.71	21.28
		For Work In Restricted Working Space, Add	*9.59*	
22 13 16 00-0558	EA	3" Polyvinyl Chloride (PVC) DWV 1/8 Bends	65.25	28.56
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0559	EA	4" Polyvinyl Chloride (PVC) DWV 1/8 Bends	91.32	33.26
		For Work In Restricted Working Space, Add	*14.98*	
22 13 16 00-0560	EA	6" Polyvinyl Chloride (PVC) DWV 1/8 Bends	353.89	43.25
		For Work In Restricted Working Space, Add	*19.48*	
22 13 16 00-0561	EA	8" Polyvinyl Chloride (PVC) DWV 1/8 Bends	566.04	58.23
		For Work In Restricted Working Space, Add	*26.22*	
22 13 16 00-0562	EA	10" Polyvinyl Chloride (PVC) DWV 1/8 Bends	646.80	77.61
		For Work In Restricted Working Space, Add	*34.96*	
22 13 16 00-0563		**Polyvinyl Chloride (PVC) DWV Sanitary Tees** *(22 13 16 00-0538)*		
22 13 16 00-0564	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Sanitary Tees	48.54	24.97
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0565	EA	2" Polyvinyl Chloride (PVC) DWV Sanitary Tees	63.80	31.96
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0566	EA	3" Polyvinyl Chloride (PVC) DWV Sanitary Tees	106.64	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0567	EA	4" Polyvinyl Chloride (PVC) DWV Sanitary Tees	155.41	49.94
		For Work In Restricted Working Space, Add	*22.47*	
22 13 16 00-0568	EA	6" Polyvinyl Chloride (PVC) DWV Sanitary Tees	565.63	64.82
		For Work In Restricted Working Space, Add	*29.21*	
22 13 16 00-0569	EA	8" Polyvinyl Chloride (PVC) DWV Sanitary Tees	736.42	87.29
		For Work In Restricted Working Space, Add	*39.33*	
22 13 16 00-0570		**Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees** *(22 13 16 00-0538)*		
22 13 16 00-0571	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	60.99	27.26
		For Work In Restricted Working Space, Add	*12.29*	
22 13 16 00-0572	EA	2" x 1-1/2" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	72.12	29.56
		For Work In Restricted Working Space, Add	*13.34*	
22 13 16 00-0573	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	60.31	29.56
		For Work In Restricted Working Space, Add	*13.34*	
22 13 16 00-0574	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	87.75	36.96
		For Work In Restricted Working Space, Add	*16.63*	
22 13 16 00-0575	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	89.70	39.26
		For Work In Restricted Working Space, Add	*17.68*	
22 13 16 00-0576	EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	105.84	41.54
		For Work In Restricted Working Space, Add	*18.73*	
22 13 16 00-0577	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	175.04	43.94
		For Work In Restricted Working Space, Add	*19.78*	
22 13 16 00-0578	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	219.78	47.54
		For Work In Restricted Working Space, Add	*21.43*	
22 13 16 00-0579	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	542.72	59.83
		For Work In Restricted Working Space, Add	*26.97*	
22 13 16 00-0580	EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	1,688.65	74.80
		For Work In Restricted Working Space, Add	*33.71*	
22 13 16 00-0581	EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	1,746.96	79.80
		For Work In Restricted Working Space, Add	*35.96*	
22 13 16 00-0582		**Polyvinyl Chloride (PVC) DWV Double Sanitary Tees** *(22 13 16 00-0538)*		
22 13 16 00-0583	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	83.33	33.26
		For Work In Restricted Working Space, Add	*14.98*	
22 13 16 00-0584	EA	2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	112.82	42.55
		For Work In Restricted Working Space, Add	*19.18*	
22 13 16 00-0585	EA	3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	223.04	57.23
		For Work In Restricted Working Space, Add	*25.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0586	EA	4" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	320.39	66.52
		For Work In Restricted Working Space, Add	*29.96*	

22 13 16 00-0587 Polyvinyl Chloride (PVC) DWV Reducing Double Sanitary Tees *(22 13 16 00-0538)*

22 13 16 00-0588	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	101.13	37.96
		For Work In Restricted Working Space, Add	*17.08*	
22 13 16 00-0589	EA	3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	171.73	45.24
		For Work In Restricted Working Space, Add	*20.38*	
22 13 16 00-0590	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	197.92	49.94
		For Work In Restricted Working Space, Add	*22.47*	
22 13 16 00-0591	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	352.79	54.54
		For Work In Restricted Working Space, Add	*24.57*	
22 13 16 00-0592	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	371.22	61.82
		For Work In Restricted Working Space, Add	*27.87*	

22 13 16 00-0593 Polyvinyl Chloride (PVC) DWV Reducers *(22 13 16 00-0538)*

22 13 16 00-0594	EA	2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers	40.86	18.98
		For Work In Restricted Working Space, Add	*8.54*	
22 13 16 00-0595	EA	3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers	73.56	22.58
		For Work In Restricted Working Space, Add	*10.19*	
22 13 16 00-0596	EA	3" x 2" Polyvinyl Chloride (PVC) DWV Reducers	70.60	24.97
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0597	EA	4" x 2" Polyvinyl Chloride (PVC) DWV Reducers	106.54	27.26
		For Work In Restricted Working Space, Add	*12.29*	
22 13 16 00-0598	EA	4" x 3" Polyvinyl Chloride (PVC) DWV Reducers	115.02	30.96
		For Work In Restricted Working Space, Add	*13.93*	
22 13 16 00-0599	EA	6" x 3" Polyvinyl Chloride (PVC) DWV Reducers	400.38	35.96
		For Work In Restricted Working Space, Add	*16.18*	
22 13 16 00-0600	EA	6" x 4" Polyvinyl Chloride (PVC) DWV Reducers	335.67	38.25
		For Work In Restricted Working Space, Add	*17.23*	
22 13 16 00-0601	EA	8" x 4" Polyvinyl Chloride (PVC) DWV Reducers	832.14	45.75
		For Work In Restricted Working Space, Add	*20.60*	
22 13 16 00-0602	EA	8" x 6" Polyvinyl Chloride (PVC) DWV Reducers	704.32	50.74
		For Work In Restricted Working Space, Add	*22.85*	
22 13 16 00-0603	EA	10" x 6" Polyvinyl Chloride (PVC) DWV Reducers	945.70	60.42
		For Work In Restricted Working Space, Add	*27.22*	
22 13 16 00-0604	EA	10" x 8" Polyvinyl Chloride (PVC) DWV Reducers	743.37	67.92
		For Work In Restricted Working Space, Add	*30.59*	

22 13 16 00-0605 Polyvinyl Chloride (PVC) DWV P-Traps *(22 13 16 00-0538)*

22 13 16 00-0606	EA	1-1/2" Polyvinyl Chloride (PVC) DWV P-Traps	59.16	24.97
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0607	EA	2" Polyvinyl Chloride (PVC) DWV P-Traps	77.52	31.96
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0608	EA	3" Polyvinyl Chloride (PVC) DWV P-Traps	211.71	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0609	EA	4" Polyvinyl Chloride (PVC) DWV P-Traps	425.66	49.94
		For Work In Restricted Working Space, Add	*22.47*	
22 13 16 00-0610	EA	6" Polyvinyl Chloride (PVC) DWV P-Traps	717.54	64.82
		For Work In Restricted Working Space, Add	*29.21*	

22 13 16 00-0611 Polyvinyl Chloride (PVC) DWV Closet Flanges *(22 13 16 00-0538)*

22 13 16 00-0612	EA	4" Polyvinyl Chloride (PVC) DWV Closet Flanges	91.56	33.26
		For Work In Restricted Working Space, Add	*14.98*	
22 13 16 00-0613	EA	4" x 3" Polyvinyl Chloride (PVC) DWV Closet Flanges	75.54	30.96
		For Work In Restricted Working Space, Add	*13.93*	

22 13 16 00-0614 Polyvinyl Chloride (PVC) DWV Wyes *(22 13 16 00-0538)*

22 13 16 00-0615	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Wyes	59.63	24.97
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0616	EA	2" Polyvinyl Chloride (PVC) DWV Wyes	70.24	31.96
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0617	EA	3" Polyvinyl Chloride (PVC) DWV Wyes	114.87	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0618	EA	4" Polyvinyl Chloride (PVC) DWV Wyes	168.89	49.94
		For Work In Restricted Working Space, Add	*22.47*	
22 13 16 00-0619	EA	6" Polyvinyl Chloride (PVC) DWV Wyes	515.06	64.82
		For Work In Restricted Working Space, Add	*29.21*	
22 13 16 00-0620	EA	8" Polyvinyl Chloride (PVC) DWV Wyes	640.36	87.29
		For Work In Restricted Working Space, Add	*39.33*	
22 13 16 00-0621	EA	10" Polyvinyl Chloride (PVC) DWV Wyes	843.04	116.36
		For Work In Restricted Working Space, Add	*52.43*	

22 13 16 00-0622 Polyvinyl Chloride (PVC) DWV Reducing Wyes *(22 13 16 00-0538)*

22 13 16 00-0623	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	80.55	27.26
		For Work In Restricted Working Space, Add	*12.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0624	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	83.69	29.56
		For Work In Restricted Working Space, Add	*13.34*	
22 13 16 00-0625	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	117.07	36.96
		For Work In Restricted Working Space, Add	*16.63*	
22 13 16 00-0626	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	97.93	39.26
		For Work In Restricted Working Space, Add	*17.68*	
22 13 16 00-0627	EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	160.30	41.54
		For Work In Restricted Working Space, Add	*18.73*	
22 13 16 00-0628	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	141.41	43.94
		For Work In Restricted Working Space, Add	*19.78*	
22 13 16 00-0629	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes	159.55	47.54
		For Work In Restricted Working Space, Add	*21.43*	
22 13 16 00-0630	EA	6" x 6" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes	465.30	57.53
		For Work In Restricted Working Space, Add	*25.92*	
22 13 16 00-0631	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	574.49	59.83
		For Work In Restricted Working Space, Add	*26.97*	
22 13 16 00-0632	EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	548.85	74.80
		For Work In Restricted Working Space, Add	*33.71*	
22 13 16 00-0633	EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes	690.97	79.80
		For Work In Restricted Working Space, Add	*35.96*	
22 13 16 00-0634	EA	10" x 10" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	633.26	94.19
		For Work In Restricted Working Space, Add	*42.45*	
22 13 16 00-0635	EA	10" x 10" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes	787.01	99.18
		For Work In Restricted Working Space, Add	*44.69*	
22 13 16 00-0636	EA	10" x 10" x 8" Polyvinyl Chloride (PVC) DWV Reducing Wyes	915.03	106.67
		For Work In Restricted Working Space, Add	*48.06*	

22 13 16 00-0637 Polyvinyl Chloride (PVC) DWV Double Wyes *(22 13 16 00-0538)*

22 13 16 00-0638	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes	97.17	33.26
		For Work In Restricted Working Space, Add	*14.98*	
22 13 16 00-0639	EA	2" Polyvinyl Chloride (PVC) DWV Double Wyes	124.62	42.55
		For Work In Restricted Working Space, Add	*19.18*	
22 13 16 00-0640	EA	3" Polyvinyl Chloride (PVC) DWV Double Wyes	242.72	57.23
		For Work In Restricted Working Space, Add	*25.77*	
22 13 16 00-0641	EA	4" Polyvinyl Chloride (PVC) DWV Double Wyes	417.83	66.52
		For Work In Restricted Working Space, Add	*29.96*	
22 13 16 00-0642	EA	6" Polyvinyl Chloride (PVC) DWV Double Wyes	849.92	86.50
		For Work In Restricted Working Space, Add	*38.95*	
22 13 16 00-0643	EA	8" Polyvinyl Chloride (PVC) DWV Double Wyes	987.46	116.46
		For Work In Restricted Working Space, Add	*52.44*	
22 13 16 00-0644	EA	10" Polyvinyl Chloride (PVC) DWV Double Wyes	1,528.02	155.21
		For Work In Restricted Working Space, Add	*69.91*	

22 13 16 00-0645 Polyvinyl Chloride (PVC) DWV Reducing Double Wyes *(22 13 16 00-0538)*

22 13 16 00-0646	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes	112.39	37.96
		For Work In Restricted Working Space, Add	*17.08*	
22 13 16 00-0647	EA	3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes	205.53	45.24
		For Work In Restricted Working Space, Add	*20.38*	
22 13 16 00-0648	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes	191.67	49.94
		For Work In Restricted Working Space, Add	*22.47*	
22 13 16 00-0649	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes	272.50	54.54
		For Work In Restricted Working Space, Add	*24.57*	
22 13 16 00-0650	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Wyes	344.65	61.82
		For Work In Restricted Working Space, Add	*27.87*	
22 13 16 00-0651	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	528.36	76.51
		For Work In Restricted Working Space, Add	*34.46*	
22 13 16 00-0652	EA	8" x 8" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	618.82	91.48
		For Work In Restricted Working Space, Add	*41.20*	
22 13 16 00-0653	EA	8" x 8" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes	785.33	101.47
		For Work In Restricted Working Space, Add	*45.69*	
22 13 16 00-0654	EA	10" x 10" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	830.30	110.87
		For Work In Restricted Working Space, Add	*49.94*	
22 13 16 00-0655	EA	10" x 10" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes	1,074.54	120.85
		For Work In Restricted Working Space, Add	*54.43*	
22 13 16 00-0656	EA	10" x 10" x 8" x 8" Polyvinyl Chloride (PVC) DWV Double Wyes	1,297.88	135.83
		For Work In Restricted Working Space, Add	*61.17*	

22 13 16 00-0657 Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends *(22 13 16 00-0538)*

22 13 16 00-0658	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	73.47	24.97
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0659	EA	2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	91.83	31.96
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0660	EA	3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	179.74	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0661	EA	4" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	314.39	49.94
		For Work In Restricted Working Space, Add	*22.47*	

22 13 16 00-0662 Polyvinyl Chloride (PVC) DWV Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0538)*

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22 13 16 00-0663	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	135.33	29.56
		For Work In Restricted Working Space, Add	*13.34*	
22 13 16 00-0664	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	213.31	36.96
		For Work In Restricted Working Space, Add	*16.63*	
22 13 16 00-0665	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	157.61	39.26
		For Work In Restricted Working Space, Add	*17.68*	
22 13 16 00-0666	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	285.44	43.94
		For Work In Restricted Working Space, Add	*19.78*	
22 13 16 00-0667	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	309.19	47.54
		For Work In Restricted Working Space, Add	*21.43*	

22 13 16 00-0668 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends *(22 13 16 00-0538)*

22 13 16 00-0669	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	107.90	33.26
		For Work In Restricted Working Space, Add	*14.98*	
22 13 16 00-0670	EA	2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	125.82	42.55
		For Work In Restricted Working Space, Add	*19.18*	
22 13 16 00-0671	EA	3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	193.46	57.23
		For Work In Restricted Working Space, Add	*25.77*	
22 13 16 00-0672	EA	4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	666.61	66.52
		For Work In Restricted Working Space, Add	*29.96*	
22 13 16 00-0673	EA	6" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	2,187.37	86.50
		For Work In Restricted Working Space, Add	*38.95*	

22 13 16 00-0674 Polyvinyl Chloride (PVC) DWV Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0538)*

22 13 16 00-0675	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	246.58	37.96
		For Work In Restricted Working Space, Add	*17.08*	
22 13 16 00-0676	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	396.22	49.94
		For Work In Restricted Working Space, Add	*22.47*	
22 13 16 00-0677	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	680.73	54.54
		For Work In Restricted Working Space, Add	*24.57*	
22 13 16 00-0678	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	616.96	61.82
		For Work In Restricted Working Space, Add	*27.87*	
22 13 16 00-0679	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	1,459.04	76.51
		For Work In Restricted Working Space, Add	*34.46*	

22 13 16 00-0680 Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug *(22 13 16 00-0538)*

22 13 16 00-0681	EA	2" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	153.51	31.96
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0682	EA	3" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	266.10	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0683	EA	4" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	425.72	49.94
		For Work In Restricted Working Space, Add	*22.47*	
22 13 16 00-0684	EA	6" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	1,116.73	64.82
		For Work In Restricted Working Space, Add	*29.21*	
22 13 16 00-0685	EA	8" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	1,400.25	87.29
		For Work In Restricted Working Space, Add	*39.33*	
22 13 16 00-0686	EA	10" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	1,858.21	116.36
		For Work In Restricted Working Space, Add	*52.43*	

22 13 16 00-0687 Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug *(22 13 16 00-0538)*

22 13 16 00-0688	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	43.22	16.68
		For Work In Restricted Working Space, Add	*7.49*	
22 13 16 00-0689	EA	2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	61.42	21.28
		For Work In Restricted Working Space, Add	*9.59*	
22 13 16 00-0690	EA	3" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	88.27	28.56
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0691	EA	4" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	156.44	33.26
		For Work In Restricted Working Space, Add	*14.98*	
22 13 16 00-0692	EA	6" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	357.23	43.25
		For Work In Restricted Working Space, Add	*19.48*	
22 13 16 00-0693	EA	8" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	800.17	58.23
		For Work In Restricted Working Space, Add	*26.22*	
22 13 16 00-0694	EA	10" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	1,472.40	77.61
		For Work In Restricted Working Space, Add	*34.94*	

22 13 16 00-0695 Polyvinyl Chloride (PVC) Couplings *(22 13 16 00-0538)*

22 13 16 00-0696	EA	1-1/2" Polyvinyl Chloride (PVC) Couplings	30.38	16.68
		For Work In Restricted Working Space, Add	*7.49*	
22 13 16 00-0697	EA	2" Polyvinyl Chloride (PVC) Couplings	38.04	21.28
		For Work In Restricted Working Space, Add	*9.59*	
22 13 16 00-0698	EA	3" Polyvinyl Chloride (PVC) Couplings	58.50	28.56
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0699	EA	4" Polyvinyl Chloride (PVC) Couplings	75.49	33.26
		For Work In Restricted Working Space, Add	*14.98*	
22 13 16 00-0700	EA	6" Polyvinyl Chloride (PVC) Couplings	205.91	43.25
		For Work In Restricted Working Space, Add	*19.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0701	EA	8" Polyvinyl Chloride (PVC) Couplings	494.67	58.23
		For Work In Restricted Working Space, Add	*26.22*	
22 13 16 00-0702	EA	10" Polyvinyl Chloride (PVC) Couplings	747.66	77.61
		For Work In Restricted Working Space, Add	*34.96*	
22 13 16 00-0703		**Polyvinyl Chloride (PVC) Male Adapters** *(22 13 16 00-0538)*		
22 13 16 00-0704	EA	1-1/2" Polyvinyl Chloride (PVC) Male Adapters	17.96	8.29
22 13 16 00-0705	EA	2" Polyvinyl Chloride (PVC) Male Adapters	29.44	10.68
22 13 16 00-0706	EA	3" Polyvinyl Chloride (PVC) Male Adapters	58.82	14.28
22 13 16 00-0707	EA	4" Polyvinyl Chloride (PVC) Male Adapters	110.54	16.68
22 13 16 00-0708		**Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe** *(22 13 16 00-0503)*		
		Note: In place piping.		
22 13 16 00-0709	EA	1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	7.32	
22 13 16 00-0710	EA	2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	8.06	
22 13 16 00-0711	EA	3", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	10.24	
22 13 16 00-0712	EA	4", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	13.83	
22 13 16 00-0713	EA	6", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	19.76	
22 13 16 00-0714	EA	8", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	26.35	
22 13 16 00-0715	EA	10", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	32.22	
22 13 16 00-0716		**Acrylonitrile Butadiene Styrene (ABS) Drain-Waste-Vent (DWV) Pipe And Fittings** *(22 13 16)*		
		Note: Aboveground installation.		
22 13 16 00-0717		**Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assemblies** *(22 13 16 00-0716)*		
		Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.		
22 13 16 00-0718	LF	1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly	24.76	4.19
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*5.75*	
22 13 16 00-0719	LF	2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly	27.51	4.99
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*6.36*	
22 13 16 00-0720	LF	3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly	37.78	7.20
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*7.91*	
22 13 16 00-0721	LF	4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly	43.60	7.79
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*8.78*	
22 13 16 00-0722	LF	6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly	73.46	9.99
		Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*11.68*	
22 13 16 00-0723		**Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe (ASTM F-628)** *(22 13 16 00-0716)*		
		Note: Excludes fittings or hangers.		
22 13 16 00-0724	LF	1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	8.72	4.19
		For Work In Restricted Working Space, Add	*1.87*	
22 13 16 00-0725	LF	2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	10.81	4.99
		For Work In Restricted Working Space, Add	*2.24*	
22 13 16 00-0726	LF	3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	17.62	7.20
		For Work In Restricted Working Space, Add	*3.22*	
22 13 16 00-0727	LF	4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	21.49	7.79
		For Work In Restricted Working Space, Add	*3.50*	
22 13 16 00-0728	LF	6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	34.59	9.70
		For Work In Restricted Working Space, Add	*4.36*	
22 13 16 00-0729		**Acrylonitrile Butadiene Styrene (ABS) DWV Fittings (ASTM D-2661)** *(22 13 16 00-0716)*		
22 13 16 00-0730		**Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends** *(22 13 16 00-0729)*		
22 13 16 00-0731	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	35.52	16.68
		For Work In Restricted Working Space, Add	*7.49*	
22 13 16 00-0732	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	47.00	21.28
		For Work In Restricted Working Space, Add	*9.59*	
22 13 16 00-0733	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	89.36	28.56
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0734	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	140.88	33.26
		For Work In Restricted Working Space, Add	*14.98*	
22 13 16 00-0735	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	404.33	43.25
		For Work In Restricted Working Space, Add	*19.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 13 16 00-0736 Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends *(22 13 16 00-0729)*

22 13 16 00-0737	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	50.09	16.68
		For Work In Restricted Working Space, Add	*7.49*	
22 13 16 00-0738	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	61.25	21.28
		For Work In Restricted Working Space, Add	*9.59*	
22 13 16 00-0739	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	124.75	28.56
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0740	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	211.28	33.26
		For Work In Restricted Working Space, Add	*14.98*	

22 13 16 00-0741 Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends *(22 13 16 00-0729)*

22 13 16 00-0742	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	37.49	16.68
		For Work In Restricted Working Space, Add	*7.49*	
22 13 16 00-0743	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	45.62	21.28
		For Work In Restricted Working Space, Add	*9.59*	
22 13 16 00-0744	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	82.11	28.56
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0745	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	127.48	33.26
		For Work In Restricted Working Space, Add	*14.98*	
22 13 16 00-0746	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	418.46	43.25
		For Work In Restricted Working Space, Add	*19.48*	

22 13 16 00-0747 Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees *(22 13 16 00-0729)*

22 13 16 00-0748	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	55.41	24.97
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0749	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	74.93	31.96
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0750	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	133.19	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0751	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	207.04	49.94
		For Work In Restricted Working Space, Add	*22.47*	
22 13 16 00-0752	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	813.62	64.82
		For Work In Restricted Working Space, Add	*29.21*	

22 13 16 00-0753 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees *(22 13 16 00-0729)*

22 13 16 00-0754	EA	2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	69.58	27.26
		For Work In Restricted Working Space, Add	*12.29*	
22 13 16 00-0755	EA	2" x 1-1/2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	84.66	29.56
		For Work In Restricted Working Space, Add	*13.34*	
22 13 16 00-0756	EA	2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	70.32	29.56
		For Work In Restricted Working Space, Add	*13.34*	
22 13 16 00-0757	EA	3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	107.96	36.96
		For Work In Restricted Working Space, Add	*16.63*	
22 13 16 00-0758	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	111.94	39.26
		For Work In Restricted Working Space, Add	*17.68*	
22 13 16 00-0759	EA	4" x 4" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	252.88	41.54
		For Work In Restricted Working Space, Add	*18.73*	
22 13 16 00-0760	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	243.70	43.94
		For Work In Restricted Working Space, Add	*19.78*	
22 13 16 00-0761	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	279.89	47.54
		For Work In Restricted Working Space, Add	*21.43*	
22 13 16 00-0762	EA	6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	890.69	59.83
		For Work In Restricted Working Space, Add	*26.97*	

22 13 16 00-0763 Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees *(22 13 16 00-0729)*

22 13 16 00-0764	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	104.49	33.26
		For Work In Restricted Working Space, Add	*14.98*	
22 13 16 00-0765	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	143.50	42.55
		For Work In Restricted Working Space, Add	*19.18*	
22 13 16 00-0766	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	309.44	57.23
		For Work In Restricted Working Space, Add	*25.77*	
22 13 16 00-0767	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	458.18	66.52
		For Work In Restricted Working Space, Add	*29.96*	

22 13 16 00-0768 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Sanitary Tees *(22 13 16 00-0729)*

22 13 16 00-0769	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	118.80	37.96
		For Work In Restricted Working Space, Add	*17.08*	
22 13 16 00-0770	EA	3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	181.86	45.24
		For Work In Restricted Working Space, Add	*20.38*	
22 13 16 00-0771	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	209.72	49.94
		For Work In Restricted Working Space, Add	*22.47*	
22 13 16 00-0772	EA	4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	376.47	52.98
		For Work In Restricted Working Space, Add	*23.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0773	EA	4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	395.34	60.06
		For Work In Restricted Working Space, Add	*27.07*	
22 13 16 00-0774		**Acrylonitrile Butadiene Styrene (ABS) DWV Wyes** *(22 13 16 00-0729)*		
22 13 16 00-0775	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	73.60	24.97
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0776	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	85.06	31.96
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0777	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	146.57	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0778	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	227.96	49.94
		For Work In Restricted Working Space, Add	*22.47*	
22 13 16 00-0779	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	658.97	64.82
		For Work In Restricted Working Space, Add	*29.21*	
22 13 16 00-0780		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes** *(22 13 16 00-0729)*		
22 13 16 00-0781	EA	2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	105.45	27.26
		For Work In Restricted Working Space, Add	*12.29*	
22 13 16 00-0782	EA	2" x 2" X 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	108.29	29.56
		For Work In Restricted Working Space, Add	*13.34*	
22 13 16 00-0783	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	122.77	39.26
		For Work In Restricted Working Space, Add	*17.68*	
22 13 16 00-0784	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	188.89	43.94
		For Work In Restricted Working Space, Add	*19.78*	
22 13 16 00-0785	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	215.09	47.54
		For Work In Restricted Working Space, Add	*21.43*	
22 13 16 00-0786	EA	6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	553.88	59.83
		For Work In Restricted Working Space, Add	*26.97*	
22 13 16 00-0787		**Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes** *(22 13 16 00-0729)*		
22 13 16 00-0788	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	126.83	33.26
		For Work In Restricted Working Space, Add	*14.98*	
22 13 16 00-0789	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	162.82	42.55
		For Work In Restricted Working Space, Add	*19.18*	
22 13 16 00-0790	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	341.56	57.23
		For Work In Restricted Working Space, Add	*25.77*	
22 13 16 00-0791	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	617.80	66.52
		For Work In Restricted Working Space, Add	*29.96*	
22 13 16 00-0792		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Wyes** *(22 13 16 00-0729)*		
22 13 16 00-0793	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	147.26	37.96
		For Work In Restricted Working Space, Add	*17.08*	
22 13 16 00-0794	EA	3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	248.26	45.24
		For Work In Restricted Working Space, Add	*20.38*	
22 13 16 00-0795	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	264.72	49.94
		For Work In Restricted Working Space, Add	*22.47*	
22 13 16 00-0796	EA	4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	392.43	54.54
		For Work In Restricted Working Space, Add	*24.57*	
22 13 16 00-0797	EA	4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	503.06	61.82
		For Work In Restricted Working Space, Add	*27.87*	
22 13 16 00-0798		**Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bend** *(22 13 16 00-0729)*		
22 13 16 00-0799	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	95.20	24.97
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0800	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	122.98	31.96
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0801	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	188.07	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0802	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	315.51	48.51
		For Work In Restricted Working Space, Add	*21.83*	
22 13 16 00-0803		**Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Combination Wye And 1/8 Bend** *(22 13 16 00-0729)*		
22 13 16 00-0804	EA	2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	105.22	29.56
		For Work In Restricted Working Space, Add	*13.34*	
22 13 16 00-0805	EA	3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	199.34	36.96
		For Work In Restricted Working Space, Add	*16.63*	
22 13 16 00-0806	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	148.86	39.26
		For Work In Restricted Working Space, Add	*17.68*	
22 13 16 00-0807	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	266.24	43.94
		For Work In Restricted Working Space, Add	*19.78*	
22 13 16 00-0808	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	288.33	47.54
		For Work In Restricted Working Space, Add	*21.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 13 16 00-0809 Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bend *(22 13 16 00-0729)*

22 13 16 00-0810	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	199.78	42.55
		For Work In Restricted Working Space, Add	*19.18*	
22 13 16 00-0811	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	399.24	57.23
		For Work In Restricted Working Space, Add	*25.77*	

22 13 16 00-0812 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Combination Wye And 1/8 Bend *(22 13 16 00-0729)*

22 13 16 00-0813	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	166.26	37.96
		For Work In Restricted Working Space, Add	*17.08*	
22 13 16 00-0814	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	382.91	49.94
		For Work In Restricted Working Space, Add	*22.47*	

22 13 16 00-0815 Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug *(22 13 16 00-0729)*

22 13 16 00-0816	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	105.37	24.97
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0817	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	133.16	31.96
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0818	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	210.80	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0819	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	348.54	49.94
		For Work In Restricted Working Space, Add	*22.47*	

22 13 16 00-0820 Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug *(22 13 16 00-0729)*

22 13 16 00-0821	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	48.25	16.68
		For Work In Restricted Working Space, Add	*7.49*	
22 13 16 00-0822	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	69.54	21.28
		For Work In Restricted Working Space, Add	*9.59*	
22 13 16 00-0823	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	100.70	28.56
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0824	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	185.89	33.26
		For Work In Restricted Working Space, Add	*14.98*	
22 13 16 00-0825	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	438.15	43.25
		For Work In Restricted Working Space, Add	*19.48*	

22 13 16 00-0826 Acrylonitrile Butadiene Styrene (ABS) DWV Couplings *(22 13 16 00-0729)*

22 13 16 00-0827	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	32.99	16.68
		For Work In Restricted Working Space, Add	*7.49*	
22 13 16 00-0828	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	40.42	21.28
		For Work In Restricted Working Space, Add	*9.59*	
22 13 16 00-0829	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	65.97	28.56
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0830	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	87.89	33.26
		For Work In Restricted Working Space, Add	*14.98*	
22 13 16 00-0831	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	252.50	43.25
		For Work In Restricted Working Space, Add	*19.48*	

22 13 16 00-0832 Acrylonitrile Butadiene Styrene (ABS) DWV Reducers *(22 13 16 00-0729)*

22 13 16 00-0833	EA	2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	48.81	18.98
		For Work In Restricted Working Space, Add	*8.54*	
22 13 16 00-0834	EA	3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	98.46	22.58
		For Work In Restricted Working Space, Add	*10.19*	
22 13 16 00-0835	EA	3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	91.54	24.97
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0836	EA	4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	147.63	27.26
		For Work In Restricted Working Space, Add	*12.29*	
22 13 16 00-0837	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	158.05	30.96
		For Work In Restricted Working Space, Add	*13.93*	

22 13 16 00-0838 Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps *(22 13 16 00-0729)*

22 13 16 00-0839	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	76.89	24.97
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0840	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	111.78	31.96
		For Work In Restricted Working Space, Add	*14.38*	
22 13 16 00-0841	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	356.84	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0842	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	673.99	49.94
		For Work In Restricted Working Space, Add	*22.47*	

22 13 16 00-0843 Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges *(22 13 16 00-0729)*

22 13 16 00-0844	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges	105.01	33.26
		For Work In Restricted Working Space, Add	*14.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0845	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges	98.09	30.96
		For Work In Restricted Working Space, Add	*13.93*	
22 13 16 00-0846		**Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters** *(22 13 16 00-0729)*		
22 13 16 00-0847	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	22.73	8.29
		For Work In Restricted Working Space, Add	*3.75*	
22 13 16 00-0848	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	34.13	10.68
		For Work In Restricted Working Space, Add	*4.79*	
22 13 16 00-0849	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	74.36	14.28
		For Work In Restricted Working Space, Add	*6.44*	
22 13 16 00-0850	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	141.95	16.68
		For Work In Restricted Working Space, Add	*7.49*	
22 13 16 00-0851		**Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushings** *(22 13 16 00-0729)*		
22 13 16 00-0852	EA	2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	36.92	18.98
		For Work In Restricted Working Space, Add	*8.54*	
22 13 16 00-0853	EA	3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	79.60	22.58
		For Work In Restricted Working Space, Add	*10.19*	
22 13 16 00-0854	EA	3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	66.45	24.97
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0855	EA	4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	146.16	27.26
		For Work In Restricted Working Space, Add	*12.29*	
22 13 16 00-0856	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	107.41	30.96
		For Work In Restricted Working Space, Add	*13.93*	
22 13 16 00-0857	EA	6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	294.87	37.16
		For Work In Restricted Working Space, Add	*16.74*	
22 13 16 00-0858		**Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Couplings** *(22 13 16 00-0729)*		
22 13 16 00-0859	EA	1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	114.42	16.68
		For Work In Restricted Working Space, Add	*7.49*	
22 13 16 00-0860	EA	2" x 2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	127.37	21.28
		For Work In Restricted Working Space, Add	*9.59*	
22 13 16 00-0861	EA	3" x 3" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	144.33	28.56
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0862	EA	4" x 4" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	157.28	33.26
		For Work In Restricted Working Space, Add	*14.98*	
22 13 16 00-0863		**Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe** *(22 13 16 00-0716)*		
		Note: In place piping.		
22 13 16 00-0864	EA	1-1/2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	7.32	
22 13 16 00-0865	EA	2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	8.06	
22 13 16 00-0866	EA	3", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	10.24	
22 13 16 00-0867	EA	4", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	13.83	
22 13 16 00-0868	EA	6", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	19.76	
22 13 16 00-0869		**Elastomeric Flexible Pipe Couplings** *(22 13 16)*		
22 13 16 00-0870		**Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Couplings** *(22 13 16 00-0869)*		
		Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.		
22 13 16 00-0871	EA	1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-125)	12.99	4.34
22 13 16 00-0872	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	14.00	4.61
22 13 16 00-0873	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	14.72	4.88
22 13 16 00-0874	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	17.01	5.15
22 13 16 00-0875	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	19.24	5.42
22 13 16 00-0876	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	24.53	5.69
22 13 16 00-0877	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	29.88	5.96
22 13 16 00-0878	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	40.63	6.51
22 13 16 00-0879	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	53.56	7.60
22 13 16 00-0880		**Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Couplings** *(22 13 16 00-0869)*		
		Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.		
22 13 16 00-0881	EA	1-1/2" x 1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-150/125)	13.83	4.61
22 13 16 00-0882	EA	2" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-215)	15.00	4.88
22 13 16 00-0883	EA	3" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-315)	18.40	5.15
22 13 16 00-0884	EA	3" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-32)	16.51	5.15
22 13 16 00-0885	EA	4" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-415)	22.65	5.42
22 13 16 00-0886	EA	4" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-42)	21.68	5.42
22 13 16 00-0887	EA	4" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-43)	19.89	5.42
22 13 16 00-0888	EA	5" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-53)	28.75	5.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0889	EA	5" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-54)	26.00	5.69
22 13 16 00-0890	EA	6" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-63)	35.55	5.96
22 13 16 00-0891	EA	6" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-64)	31.45	5.96
22 13 16 00-0892	EA	6" x 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-65)	32.59	5.96
22 13 16 00-0893	EA	8" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-84)	63.95	10.85
22 13 16 00-0894	EA	8" x 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-86)	52.56	10.85
22 13 16 00-0895	EA	10" x 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-10-8)	66.44	12.20
22 13 16 00-0896		Elastomeric Flexible Pipe Caps (Fernco QC) *(22 13 16)*		
		Note: For cast iron, steel, copper or plastic pipe. Includes stainless steel clamp.		
22 13 16 00-0897	EA	1-1/2" Elastomeric Flexible Pipe Cap (Fernco QC-101)	47.97	29.28
22 13 16 00-0898	EA	2" Elastomeric Flexible Pipe Cap (Fernco QC-102)	51.46	31.13
22 13 16 00-0899	EA	3" Elastomeric Flexible Pipe Cap (Fernco QC-103)	59.60	35.68
22 13 16 00-0900	EA	4" Elastomeric Flexible Pipe Cap (Fernco QC-104)	78.63	47.17
22 13 16 00-0901	EA	5" Elastomeric Flexible Pipe Cap (Fernco QC-105)	94.26	56.39
22 13 16 00-0902	EA	6" Elastomeric Flexible Pipe Cap (Fernco QC-106)	108.64	65.08
22 13 16 00-0903	EA	8" Elastomeric Flexible Pipe Cap (Fernco QC-108)	145.93	82.42
22 13 16 00-0904	EA	10" Elastomeric Flexible Pipe Cap (Fernco QC-110)	179.75	92.18
22 13 16 00-0905	EA	12" Elastomeric Flexible Pipe Cap (Fernco QC-112)	228.05	102.49
22 13 16 00-0906		Seamless Pipe Vent Flashing For Multiple Pipe *(22 13 16)*		
		Note: Elmdor/Stoneman #910.		
22 13 16 00-0907	EA	Multi Flash Assembly (Elmdor/Stoneman #910-6 STD - 4 LB)	487.47	113.88
22 13 16 00-0908	EA	Multi Flash Assembly (Elmdor/Stoneman #910-6 STD - 6 LB)	509.37	113.88
22 13 16 00-0909	EA	Multi Flash Assembly (Elmdor/Stoneman #910-8 SK - 4 LB)	545.28	132.86
22 13 16 00-0910	EA	Multi Flash Assembly (Elmdor/Stoneman #910-8 SK - 6 LB)	576.02	132.86
22 13 16 00-0911	EA	Multi Flash Assembly (Elmdor/Stoneman #910-10 SK - 4 LB)	617.24	154.55
22 13 16 00-0912	EA	Multi Flash Assembly (Elmdor/Stoneman #910-10 SK - 6 LB)	659.12	154.55
22 13 16 00-0913		Cast Iron Vent Stack Flashing Sleeves With Caulking Recess (Josam 26450 Series) *(22 13 16)*		
22 13 16 00-0914	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	94.76	22.48
22 13 16 00-0915	EA	2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	99.76	24.97
22 13 16 00-0916	EA	3" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	150.33	32.46
22 13 16 00-0917	EA	4" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	176.34	37.45
22 13 16 00-0918	EA	5" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	205.88	42.45
22 13 16 00-0919	EA	6" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	351.10	47.44
22 13 16 00-0920		Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess (Josam 26440 Series) *(22 13 16)*		
22 13 16 00-0921	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	200.45	22.48
22 13 16 00-0922	EA	2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	205.45	24.97
22 13 16 00-0923	EA	3" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	243.68	32.46
22 13 16 00-0924	EA	4" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	305.49	37.45
22 13 16 00-0925	EA	5" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	419.15	42.45
22 13 16 00-0926	EA	6" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	429.14	47.44
22 13 16 00-0927		Cast Iron Vandal Proof Hooded Vent Cap (Josam 26700 Series) *(22 13 16)*		
		Note: Includes counterflashing collar, deep protective hood and recessed securing screws.		
22 13 16 00-0928	EA	1-1/2" Cast Iron Vandal Proof Hooded Vent Cap	386.32	22.48
22 13 16 00-0929	EA	2" Cast Iron Vandal Proof Hooded Vent Cap	391.32	24.97
22 13 16 00-0930	EA	3" Cast Iron Vandal Proof Hooded Vent Cap	448.97	32.46
22 13 16 00-0931	EA	4" Cast Iron Vandal Proof Hooded Vent Cap	505.19	37.45
22 13 16 00-0932	EA	5" Cast Iron Vandal Proof Hooded Vent Cap	589.86	42.45
22 13 16 00-0933	EA	6" Cast Iron Vandal Proof Hooded Vent Cap	644.30	47.44
22 13 19		**Sanitary Waste Piping Specialties** *(22 13)*		
22 13 19 13		**Sanitary Drains** *(22 13 19)*		
22 13 19 13-0001		Round Top Floor Drains *(22 13 19 13)*		
22 13 19 13-0002	EA	Bronze Top, 6" Round Top Floor Drain With 1-1/2" Outlet	809.55	107.37
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0003	EA	Bronze Top, 6" Round Top Floor Drain With 2" Outlet	888.70	120.35
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0004	EA	Bronze Top, 6" Round Top Floor Drain With 3" Outlet	861.19	133.14
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0005	EA	Bronze Top, 6" Round Top Floor Drain With 4" Outlet	888.62	146.92
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0006	EA	Cast Iron Top, 9" Round Top Floor Drain With 2" Outlet	808.11	120.35
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0007	EA	Cast Iron Top, 9" Round Top Floor Drain With 3" Outlet	833.78	133.14
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0008	EA	Cast Iron Top, 9" Round Top Floor Drain With 4" Outlet	861.21	146.92
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0009	EA	Nikaloy Top, 9" Round Top Floor Drain With 2" Outlet	1,372.81	120.35
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0010	EA	Nikaloy Top, 9" Round Top Floor Drain With 3" Outlet	1,398.48	133.14
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0011	EA	Nikaloy Top, 9" Round Top Floor Drain With 4" Outlet	1,425.91	146.92
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0012	EA	Bronze Top, 9" Round Top Floor Drain With 2" Outlet	1,290.57	120.35
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0013	EA	Bronze Top, 9" Round Top Floor Drain With 3" Outlet	1,316.10	133.14
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0014	EA	Bronze Top, 9" Round Top Floor Drain With 4" Outlet	1,343.67	146.92
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	

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22 13 19 13-0015	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 2" Outlet	1,422.04	120.25
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0016	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 3" Outlet	1,447.68	133.14
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0017	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 4" Outlet	1,475.25	146.92
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0018	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 2" Outlet	2,266.34	120.25
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0019	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 3" Outlet	2,291.98	133.14
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0020	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,319.55	146.92
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0021	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 2" Outlet	2,153.95	120.25
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0022	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 3" Outlet	2,179.59	133.14
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0023	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,207.16	146.92
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
22 13 19 13-0024		Square Or Rectangular Top Drains *(22 13 19 13)*		
22 13 19 13-0025	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top	964.25	120.25
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0026	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top	990.17	133.24
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0027	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,017.46	146.92
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0028	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,046.49	120.25
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0029	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,072.41	133.24
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0030	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,099.70	146.92
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0031	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,408.33	120.25
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0032	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,434.25	133.24
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0033	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,461.54	146.92
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0034	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Bronze Top	903.94	120.25
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0035	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Bronze Top	929.86	133.24
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0036	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Bronze Top	957.15	146.92
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0037	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Bronze Top	1,008.11	120.25
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0038	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Bronze Top	1,034.03	133.24
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0039	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Bronze Top	1,061.32	146.92
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0040	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Bronze Top	1,301.42	120.25
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0041	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Bronze Top	1,327.34	133.24
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0042	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Bronze Top	1,354.63	146.92
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0043	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Cast Iron Top	3,443.59	133.24
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0044	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Cast Iron Top	3,470.88	146.92
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0045	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Nikaloy Top	4,337.24	133.24
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0046	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Nikaloy Top	4,364.53	146.92
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0047	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Bronze Top	4,230.33	133.24
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0048	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Bronze Top	4,257.62	146.92
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0049	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,430.26	120.25
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0050	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,456.18	133.24
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0051	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,483.47	146.92
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0052	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,855.16	120.25
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0053	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,881.08	133.24
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0054	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,908.37	146.92
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0055	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,953.84	120.25
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0056	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,979.76	133.24
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0057	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top	2,007.05	146.92
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0058	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top	2,718.65	120.25
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0059	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top	2,744.57	133.24
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0060	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top	2,771.86	146.92
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0061	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top	1,342.54	120.25
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0062	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top	1,368.46	133.24
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0063	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top	1,395.75	146.92
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0064	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top	1,704.39	120.25
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0065	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top	1,730.31	133.24
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0066	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top	1,757.60	146.92
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0067	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top	1,803.07	120.25
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0068	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top	1,828.99	133.24
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0069	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top	1,856.28	146.92
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0070	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top	2,425.34	120.25
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0071	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top	2,451.26	133.24
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0072	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top	2,478.55	146.92
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0073		Funnel Type Floor Drains *(22 13 19 13)*		
22 13 19 13-0074	EA	7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top	1,352.41	107.37
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0075	EA	7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top	1,378.18	120.25
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0076	EA	7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top	1,403.82	133.14
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0077	EA	7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top	1,431.39	146.92
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0078	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top	1,994.96	120.25
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0079	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top	2,020.60	133.14
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0080	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top	2,048.17	146.92
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0081	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top	1,888.05	120.25
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0082	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top	1,913.69	133.14
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0083	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top	1,941.26	146.92
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0084		**Floor Drain With Sediment Bucket Bottom Outlet** *(22 13 19 13)*		
22 13 19 13-0085	EA	12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap	2,920.31	107.37
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
22 13 19 13-0086	EA	12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap	2,946.17	120.25
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
22 13 19 13-0087	EA	12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap	2,971.81	133.14
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
22 13 19 13-0088	EA	12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap	2,999.38	146.92
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
22 13 19 13-0089	EA	12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap	3,027.80	161.11
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*247.00*	
22 13 19 13-0090	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	3,154.51	120.25
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0091	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	3,180.43	133.24
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0092	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	3,207.72	146.92
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0093	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	3,236.14	161.11
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0094	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	1,918.20	120.25
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0095	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	1,944.12	133.24
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0096	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	1,971.41	146.92
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0097	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	1,999.83	161.11
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0098	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	2,940.69	120.25
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0099	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	2,966.61	133.24
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0100	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	2,993.90	146.92
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0101	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	3,022.32	161.11
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	

22 13 19 13-0102 Other Drains *(22 13 19 13)*

22 13 19 13-0103 Shower Drains *(22 13 19 13-0102)*

22 13 19 13-0104	EA	4-1/4" Stainless Steel Shower Drain Strainer Note: Includes two 2-5/8" screws.	48.82	10.85
22 13 19 13-0105	EA	4-1/4" Brass Shower Drain Strainer Note: Includes two 2-5/8" screws.	54.51	10.85
22 13 19 13-0106	EA	4" Brass Shower Drain For Polyvinyl Chloride (PVC) Pipe Note: Fits over 2" polyvinyl chloride (PVC) pipe or inside 3" polyvinyl chloride (PVC) pipe.	111.84	21.69
22 13 19 13-0107	EA	4" Chrome Finish, Threaded Brass Shower Drain And Gasket Note: For 2" pipe. Kohler K-9132.	144.54	21.69

22 13 19 13-0108 Acid Resistant Floor Drains *(22 13 19 13-0102)*

22 13 19 13-0109	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top	1,363.28	107.37
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0110	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top	1,389.14	120.25
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0111	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top	1,414.78	133.14
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	

22 13 19 13-0112 Rotary And Lever Drains *(22 13 19 13-0102)*

22 13 19 13-0113	EA	Lever Drain, 1-1/2" Drain, 3" Sink Opening	254.88	72.42
22 13 19 13-0114	EA	Lever Drain, 2" Drain, 3" Sink Opening	269.86	79.90
22 13 19 13-0115	EA	Lever Drain, 1-1/2" Drain, 3-1/2" Sink Opening	254.88	72.42
22 13 19 13-0116	EA	Lever Drain, 2" Drain, 3-1/2" Sink Opening	269.86	79.90
22 13 19 13-0117	EA	Twist Drain, 1-1/2" Drain, 3" Sink Opening	254.88	72.42
22 13 19 13-0118	EA	Twist Drain, 2" Drain, 3" Sink Opening	269.86	79.90
22 13 19 13-0119	EA	Twist Drain, 1-1/2" Drain, 3-1/2" Sink Opening	254.88	72.42
22 13 19 13-0120	EA	Twist Drain, 2" Drain, 3-1/2" Sink Opening	269.86	79.90
22 13 19 13-0121	EA	Rotary Twist Drain, 1-1/2"-2" Drain, 3-1/2" Sink Opening (Fisher 16100)	354.76	79.90

22 13 19 13-0122 Floor Receptor *(22 13 19 13)*

22 13 19 13-0123 9" Diameter Round Shallow Receptor *(22 13 19 13-0122)*

Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top.

22 13 19 13-0124	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection	1,677.14	120.35
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0125	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection	1,703.19	133.34
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0126	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection	1,730.19	146.92
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0127		Square Top Floor Receptors *(22 13 19 13-0122)*		
		Note: With acid resistant coating.		
22 13 19 13-0128	EA	8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top	1,991.12	107.37
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0129	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top	2,017.00	120.35
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0130	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top	2,042.53	133.14
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0131	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top	2,070.10	146.92
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0132		Floor Drain Accessories *(22 13 19 13)*		
22 13 19 13-0133	EA	3" Trap Guard Floor Drain Insert (ProVent TG3H)	105.73	12.49
		Note: Prevents emission of sewer gases.		
22 13 19 13-0134	EA	2" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG22)	85.54	12.49
		Note: Prevents emission of sewer gases.		
22 13 19 13-0135	EA	3" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG33)	93.62	12.49
		Note: Prevents emission of sewer gases.		
22 13 19 13-0136	EA	3" Trap Guard Drain Insert For 4" Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG34IP)	113.81	12.49
		Note: Prevents emission of sewer gases.		
22 13 19 13-0137	EA	3" Trap Guard Drain Insert For 4" Hub (ProVent TG34TP)	101.69	12.49
		Note: Prevents emission of sewer gases.		
22 13 19 13-0138	EA	2" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-02)	146.34	12.49
		Note: Prevents emission of sewer gases.		
22 13 19 13-0139	EA	3" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-03)	162.59	12.49
		Note: Prevents emission of sewer gases.		
22 13 19 13-0140	EA	4" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-04)	202.91	12.49
		Note: Prevents emission of sewer gases.		
22 13 19 26		**Grease Removal Devices** *(22 13 19)*		
22 13 19 26-0001		Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26)*		
		Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting.		
22 13 19 26-0002		Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0001)*		
		Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series.		
22 13 19 26-0003	EA	7 GPM, 14 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor	1,239.88	74.91
		Note: Josam 60102H.		
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,308.22*	
22 13 19 26-0004	EA	10 GPM, 20 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor	1,446.93	168.55
		Note: Josam 60103H.		
		For Flange And Clamp Device, Add	*372.53*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,381.99*	
22 13 19 26-0005	EA	15 GPM, 30 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor	2,059.27	187.27
		Note: Josam 60104H.		
		For Flange And Clamp Device, Add	*385.01*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,509.20*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0006	EA	20 GPM, 40 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60105H.	2,489.55	206.00
		For Flange And Clamp Device, Add	*397.50*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,630.96*	
22 13 19 26-0007	EA	25 GPM, 50 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60106H.	2,787.98	224.73
		For Flange And Clamp Device, Add	*440.38*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,698.01*	
22 13 19 26-0008	EA	35 GPM, 70 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60107H.	3,425.29	262.18
		For Flange And Clamp Device, Add	*476.55*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,867.94*	
22 13 19 26-0009	EA	50 GPM, 100 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60108H.	4,472.80	299.64
		For Flange And Clamp Device, Add	*542.48*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,990.83*	
22 13 19 26-0010	EA	75 GPM, 150 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60109H.	8,820.65	337.09
		For Flange And Clamp Device, Add	*768.73*	
22 13 19 26-0011	EA	100 GPM, 200 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60110H.	9,988.22	427.97
		For Flange And Clamp Device, Add	*893.31*	
22 13 19 26-0012	EA	150 GPM, 300 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60213A.	12,311.08	684.74
		For Flange And Clamp Device, Add	*1,224.50*	
22 13 19 26-0013	EA	200 GPM, 400 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60214A.	17,676.45	855.93
		For Flange And Clamp Device, Add	*1,467.90*	
22 13 19 26-0014	EA	250 GPM, 500 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60215A.	20,617.66	1,027.11
		For Flange And Clamp Device, Add	*1,894.98*	
22 13 19 26-0015	EA	350 GPM, 700 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60216A,.	26,800.62	1,198.30
		For Flange And Clamp Device, Add	*2,246.87*	
22 13 19 26-0016	EA	500 GPM, 1,000 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60217A.	34,687.82	1,369.48
		For Flange And Clamp Device, Add	*2,634.27*	
22 13 19 26-0017		**Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0001)* Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.		
22 13 19 26-0018	EA	20 GPM, 40 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60115A.	3,594.55	206.00
22 13 19 26-0019	EA	35 GPM, 70 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60117A.	4,624.46	262.18
22 13 19 26-0020	EA	50 GPM, 100 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Smith 8150.	7,642.69	299.64
22 13 19 26-0021		**Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26)* Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.		
22 13 19 26-0022		**Standard Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0021)* Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.		
22 13 19 26-0023	EA	7 GPM, 14 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60102-SA.	3,162.47	74.91
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,308.22*	
22 13 19 26-0024	EA	10 GPM, 20 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60103-SA.	3,719.71	168.55
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,381.99*	
22 13 19 26-0025	EA	15 GPM, 30 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60104-SA.	3,973.49	187.27
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,509.20*	
22 13 19 26-0026	EA	20 GPM, 40 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60105-SA.	4,851.62	206.00
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,630.96*	
22 13 19 26-0027	EA	25 GPM, 50 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60106-SA.	5,851.14	224.73
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,698.01*	
22 13 19 26-0028	EA	35 GPM, 70 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60107-SA.	6,046.87	262.18
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,867.94*	
22 13 19 26-0029	EA	50 GPM, 100 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60108-SA.	6,902.54	299.64
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,990.83*	
22 13 19 26-0030		**Low Profile Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0021)* Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.		
22 13 19 26-0031	EA	35 GPM, 70 LB Capacity Low Profile Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60115A-SA.	8,134.09	262.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0032		**Automatic Cleaning Stainless Steel Grease Interceptor** *(22 13 19 26)*		
22 13 19 26-0033	EA	20 GPM, 69 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 20 Greasestopper).	6,914.78	206.00
22 13 19 26-0034	EA	25 GPM, 91 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 25 Greasestopper).	8,046.80	224.73
22 13 19 26-0035	EA	35 GPM, 70 LB Capacity, 110 Volt, Automatic Cleaning Stainless Steel Grease Trap/Removal Device (Guardian GGX35)	6,887.99	262.18
22 13 19 26-0036		**Precast Concrete Grease Interceptor** *(22 13 19 26)* Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.		
22 13 19 26-0037	EA	1,000 Gallon Pre-Cast Grease Interceptor	4,949.19	391.30
22 13 19 26-0038	EA	1,250 Gallon Pre-Cast Grease Interceptor	5,658.09	391.30
22 13 19 26-0039	EA	1,500 Gallon Pre-Cast Grease Interceptor	6,422.06	447.36
22 13 19 26-0040	EA	2,000 Gallon Pre-Cast Grease Interceptor	7,317.83	631.77
22 13 19 26-0041	EA	2,500 Gallon Pre-Cast Grease Interceptor	8,250.32	850.00
22 13 19 26-0042	EA	4,000 Gallon Pre-Cast Grease Interceptor	12,362.23	1,118.32
22 13 19 26-0043	EA	5,000 Gallon Pre-Cast Grease Interceptor	15,902.52	1,833.88
22 13 19 26-0044		**Coated Steel Manual Oil Interceptor** *(22 13 19 26)* Note: Includes internal air relief, and flow control fitting.		
22 13 19 26-0045	EA	10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	8,695.07	285.23
22 13 19 26-0046	EA	15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	11,824.03	338.93
22 13 19 26-0047	EA	20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	14,304.46	417.02
22 13 19 26-0048	EA	25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	15,534.50	451.72
22 13 19 26-0049	EA	35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	18,774.17	492.93
22 13 19 26-0050	EA	50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	25,009.32	542.28
22 13 19 26-0051	EA	75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	42,684.33	624.24
22 13 19 26-0052	EA	100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	46,461.39	768.07
22 13 19 26-0053	EA	150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	57,311.64	832.49
22 13 19 26-0054	EA	200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	80,618.12	998.78
22 13 19 26-0055	EA	250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	93,187.83	1,073.70
22 13 19 26-0056	EA	350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	117,607.90	1,280.45
22 13 19 26-0057	EA	400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	143,218.15	1,049.23
22 13 19 26-0058	EA	500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	169,643.90	1,248.49
22 13 19 33		**Backwater Valves** *(22 13 19)*		
22 13 19 33-0001		**Cast Iron Body Terminal Backwater Valves** *(22 13 19 33)*		
22 13 19 33-0002	EA	2" Cast Iron Body Terminal Backwater Valve	418.01	28.66
22 13 19 33-0003	EA	3" Cast Iron Body Terminal Backwater Valve	428.99	36.05
22 13 19 33-0004	EA	4" Cast Iron Body Terminal Backwater Valve	618.60	47.94
22 13 19 33-0005	EA	6" Cast Iron Body Terminal Backwater Valve	1,664.19	67.82
22 13 19 33-0006	EA	8" Cast Iron Body Terminal Backwater Valve	2,035.45	89.26
22 13 19 33-0007	EA	10" Cast Iron Body Terminal Backwater Valve	5,880.61	110.12
22 13 19 33-0008	EA	12" Cast Iron Body Terminal Backwater Valve	6,662.77	142.82
22 13 19 33-0009		**Cast Iron Backwater Sewer Line Valve** *(22 13 19 33)* Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.		
22 13 19 33-0010	EA	2" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,035.30	68.33
22 13 19 33-0011	EA	3" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,576.10	82.90
22 13 19 33-0012	EA	4" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,949.98	106.88
22 13 19 33-0013	EA	6" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	2,739.66	123.22
22 13 19 33-0014	EA	8" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	3,795.15	146.02
22 13 19 33-0015		**Cast Iron, Straight Through Shear Gate, Swing Check Backwater Valve** *(22 13 19 33)* Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections.		
22 13 19 33-0016	EA	3" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	2,804.84	108.17
22 13 19 33-0017	EA	4" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	2,858.36	143.82
22 13 19 33-0018	EA	5" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	4,165.22	182.50
22 13 19 33-0019	EA	6" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	4,196.94	203.46
22 13 19 33-0020		**Polyvinyl Chloride (PVC) Backwater Sewer Line Valve** *(22 13 19 33)* Note: Oatey.		
22 13 19 33-0021	EA	3" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43900)	133.02	36.05
22 13 19 33-0022	EA	4" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43904)	158.98	47.94
22 13 19 33-0023	EA	6" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43908)	472.94	67.82
22 13 19 33-0024		**Polyvinyl Chloride (PVC) Extendable Backwater Valves** *(22 13 19 33)*		
22 13 19 33-0025	EA	3" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	314.58	72.11

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 33-0026	EA	4" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	418.89	95.88
22 13 19 33-0027	EA	6" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	730.06	135.63

22 13 19 36 Air-Admittance Valves *(22 13 19)*

22 13 19 36-0001 Acrylonitrile Butadiene Styrene (ABS) And Polyvinyl Chloride (PVC) Automatic Drain Vent *(22 13 19 36)*

22 13 19 36-0002	EA	1-1/4", 1-1/2" And 2" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Mini Vent	251.33	13.98
22 13 19 36-0003	EA	2", 3" And 4" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Maxi Vent	301.29	13.98

22 13 23 Sanitary Waste Interceptors *(22 13)*

22 13 23 00-0001 Sediment Bucket Solids Interceptors *(22 13 23)*

22 13 23 00-0002	EA	1-1/2" Or 2" Top Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1180) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,222.92	141.43
22 13 23 00-0003	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1184) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,224.46	141.43
22 13 23 00-0004	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Steel (Inside And Outside), Aluminum Cover, Removable Stainless Steel Sediment Bucket Solids Interceptor (Jay R. Smith 8714 ARIO) Note: On floor mount. Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,724.81	141.43
22 13 23 00-0005	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Acid Resistant Coated Cast Iron, Aluminum Strainer, Removable Stainless Steel Screens, Sediment Bucket Solids Interceptor (Jay R. Smith 8730-ARIO) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,724.81	141.43
22 13 23 00-0006	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Cast Aluminum (Inside And Outside) Removable Stainless Steel Screen, Sediment Bucket Solids Interceptor (Josam 61030) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,838.08	141.43

22 13 23 00-0007 Solid Interceptors, Cast Iron With Internal Deep Seal Trap *(22 13 23)*

22 13 23 00-0008	EA	1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel	319.28	48.37
		For Stainless Steel Bucket, Add	*175.00*	
22 13 23 00-0009	EA	2" Inlet Cast Iron Solid Interceptor, Painted Enamel	325.46	51.52
		For Stainless Steel Bucket, Add	*175.00*	

22 13 23 00-0010 Sediment Strainers *(22 13 23)*

22 13 23 00-0011	EA	2" Strainer, Pump Suction Side	156.93	65.89

22 13 29 Sanitary Sewerage Pumps *(22 13)*

Note: Includes extra set of gaskets, bearings and seals.

22 13 29 13 Wet-Pit-Mounted, Vertical Sewerage Pumps *(22 13 29)*

22 13 29 13-0001 Vertical Column, Flanged Discharge, Non-Clog Sump Or Drainage Pumps (Crane-Deming Series 4500) *(22 13 29 13)*

Note: Mounted on steel support plate. Excludes float and float switch, and sump cover See CSI section 22 13 29 13-0030 for float and float switch, 22 13 29 13-0034 for sump cover.

22 13 29 13-0002 1-1/2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)*

22 13 29 13-0003	EA	1/2 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	7,361.29	1,198.14
22 13 29 13-0004	EA	3/4 HP, Up To 125 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	7,666.47	1,198.14
22 13 29 13-0005	EA	1 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	7,971.64	1,198.14
22 13 29 13-0006	EA	1-1/2 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	8,262.73	1,198.14

22 13 29 13-0007 2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)*

22 13 29 13-0008	EA	3/4 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	8,206.39	1,198.14
22 13 29 13-0009	EA	1 HP, Up To 100 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	8,323.77	1,198.14
22 13 29 13-0010	EA	2 HP, Up To 200 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	8,405.93	1,198.14
22 13 29 13-0011	EA	3 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	8,969.33	1,198.14
22 13 29 13-0012	EA	5 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	9,520.99	1,198.14
22 13 29 13-0013	EA	7-1/2 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	10,366.09	1,198.14
22 13 29 13-0014	EA	10 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	11,211.19	1,198.14
22 13 29 13-0015	EA	15 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	12,848.94	1,594.47

22 13 29 13-0016 3" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)*

22 13 29 13-0017	EA	2 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	8,794.52	1,198.14
22 13 29 13-0018	EA	3 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	8,794.52	1,198.14
22 13 29 13-0019	EA	5 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	8,997.87	1,198.14

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 13-0020	EA	7-1/2 HP, Up To 700 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	10,575.77	1,198.14
22 13 29 13-0021	EA	10 HP, Up To 800 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	10,852.56	1,198.14
22 13 29 13-0022	EA	15 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	12,946.31	1,594.47
22 13 29 13-0023	EA	20 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	13,650.56	1,594.47
22 13 29 13-0024		Extra Column Assemblies Addition, 5' Or Less *(22 13 29 13-0001)*		
22 13 29 13-0025	EA	2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	544.22	
22 13 29 13-0026	EA	3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	653.44	
22 13 29 13-0027	EA	4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	730.37	
22 13 29 13-0028	EA	5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	743.67	
22 13 29 13-0029	EA	6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	834.84	
22 13 29 13-0030		Float Switches *(22 13 29 13-0001)*		
		Note: Copper coated floats, brass rods and stops and switch brackets.		
22 13 29 13-0031	EA	Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps	489.13	
22 13 29 13-0032	EA	Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps	513.82	
22 13 29 13-0033	EA	Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps	525.22	
22 13 29 13-0034		Square Or Round Steel Sump Covers *(22 13 29 13-0001)*		
22 13 29 13-0035	EA	24" Steel Sump Covers, Square Or Round	879.99	39.95
22 13 29 13-0036	EA	30" Steel Sump Covers, Square Or Round	974.05	44.94
22 13 29 13-0037	EA	36" Steel Sump Covers, Square Or Round	1,352.84	59.93
22 13 29 13-0038	EA	40" Steel Sump Covers, Square Or Round	1,971.81	69.92
22 13 29 13-0039	EA	42" Steel Sump Covers, Square Or Round	2,115.26	72.42
22 13 29 13-0040	EA	48" Steel Sump Covers, Square Or Round	2,262.96	74.91
22 13 29 13-0041	EA	54" Steel Sump Covers, Square Or Round	2,885.47	89.89
22 13 29 13-0042	EA	60" Steel Sump Covers, Square Or Round	3,919.94	99.88
22 13 29 13-0043	EA	72" Steel Sump Covers, Square Or Round	4,971.15	124.85
22 13 29 13-0044	EA	84" Steel Sump Covers, Square Or Round	6,329.99	137.33
22 13 29 16		**Submersible Sewerage Pumps** *(22 13 29)*		
22 13 29 16-0001		Submersible Sewage Pumps With Vortex Impeller *(22 13 29 16)*		
22 13 29 16-0002		Submersible Single Seal Sewage Pumps With Cast Iron Vortex Impeller *(22 13 29 16-0001)*		
		Note: Includes 25' cord.		
22 13 29 16-0003	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,334.43	72.66
22 13 29 16-0004	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,422.57	72.66
22 13 29 16-0005	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,395.45	72.66
22 13 29 16-0006	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,525.39	72.66
22 13 29 16-0007	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,525.39	72.66
22 13 29 16-0008	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,613.52	90.83
22 13 29 16-0009	EA	1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,728.78	90.83
22 13 29 16-0010	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,743.46	90.83
22 13 29 16-0011		Submersible Single Seal Sewage Pumps With Bronze Vortex Impeller *(22 13 29 16-0001)*		
		Note: Includes 20' cord.		
22 13 29 16-0012	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,359.29	72.66
22 13 29 16-0013	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,485.84	72.66
22 13 29 16-0014	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,425.96	72.66
22 13 29 16-0015	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,547.99	72.66
22 13 29 16-0016	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,657.60	72.66
22 13 29 16-0017	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,543.46	90.83
22 13 29 16-0018	EA	1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,674.54	90.83
22 13 29 16-0019	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,673.41	90.83
22 13 29 16-0020	EA	1-1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,917.44	146.42
22 13 29 16-0021	EA	1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,028.18	146.42
22 13 29 16-0022	EA	1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,047.39	146.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0023	EA	2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,051.89	178.95
22 13 29 16-0024	EA	2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,178.45	178.95
22 13 29 16-0025	EA	2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,181.84	178.95
22 13 29 16-0026		Submersible Double Seal Sewage Pumps With Bronze Vortex Impeller *(22 13 29 16-0001)*		
		Note: Includes 20' cord.		
22 13 29 16-0027	EA	1/2 HP Manual Submersible Double Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,612.40	72.66
22 13 29 16-0028	EA	1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,827.09	72.66
22 13 29 16-0029	EA	1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller	1,784.14	90.83
22 13 29 16-0030	EA	1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller	1,914.09	90.83
22 13 29 16-0031	EA	1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,176.20	146.42
22 13 29 16-0032	EA	1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,306.15	146.42
22 13 29 16-0033	EA	2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,311.78	178.95
22 13 29 16-0034	EA	2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,441.73	178.95
22 13 29 16-0035		Submersible Sewage Pumps With Semi-Open Impeller *(22 13 29 16)*		
		Note: Includes 25' of cord with pump.		
22 13 29 16-0036	EA	1 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	3,881.77	90.83
22 13 29 16-0037	EA	1.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	4,166.95	154.68
22 13 29 16-0038	EA	2 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	4,467.40	189.06
22 13 29 16-0039	EA	3 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	4,677.96	229.16
22 13 29 16-0040	EA	5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	5,251.20	269.26
22 13 29 16-0041	EA	7.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Ironl Housing And Semi-Open Impeller	5,866.85	309.36
22 13 29 16-0042		Submersible Sewage Pumps, Explosion Proof *(22 13 29 16)*		
		Note: Includes 25' of cord with pump.		
22 13 29 16-0043	EA	1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,760.70	325.51
22 13 29 16-0044	EA	1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,233.62	325.51
22 13 29 16-0045	EA	1 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,233.62	325.51
22 13 29 16-0046	EA	1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,078.73	434.00
22 13 29 16-0047	EA	1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,551.66	434.00
22 13 29 16-0048	EA	1.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,551.66	434.00
22 13 29 16-0049	EA	2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,505.46	542.51
22 13 29 16-0050	EA	2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,978.39	542.51
22 13 29 16-0051	EA	2 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,978.39	542.51
22 13 29 16-0052	EA	3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,830.08	651.01
22 13 29 16-0053	EA	3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,303.00	651.01
22 13 29 16-0054	EA	3 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,303.00	651.01
22 13 29 16-0055	EA	5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,645.54	759.51
22 13 29 16-0056	EA	5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,118.46	759.51
22 13 29 16-0057	EA	5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,118.46	759.51
22 13 29 16-0058	EA	7.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,946.00	868.02
22 13 29 16-0059	EA	7.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,946.00	868.02
22 13 29 16-0060		Submersible Sewage Pump Accessories *(22 13 29 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0061	EA	Simplex Plug In Pump Control Panel with Alarm Float Only, 115 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light and alarm float switch.	670.49	90.71
22 13 29 16-0062	EA	Simplex Plug In Pump Control Panel with Alarm Float Only, 230 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light, and alarm float switch.	692.08	90.71
22 13 29 16-0063	EA	Simplex Control Panel With 3 Floats, 115/208/230 Volt, 1 Phase, 0-20 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light, HOA switch and three 20' control float switches.	1,356.04	120.96
22 13 29 16-0064	EA	Simplex Control Panel 208/230/460 Volt, 3 Phase, 1-23 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn and warning light. Control float switches not included.	1,908.80	120.96
22 13 29 16-0065	EA	Simplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	4,271.48	120.96
22 13 29 16-0066	EA	Simplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	4,468.40	120.96
22 13 29 16-0067	EA	Duplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	7,137.38	151.19
22 13 29 16-0068	EA	Duplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	6,017.13	151.19
22 13 29 16-0069	EA	Electrical Alternator Duplex Control Panel with 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,506.12	151.19
22 13 29 16-0070	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,657.27	151.19
22 13 29 16-0071	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-20 Amperes, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,591.41	151.19
22 13 29 16-0072	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-30 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,727.62	151.19
22 13 29 16-0073	EA	Electrical Alternator Duplex Control Panel, 200/230/460 Volt, 3 Phase, 1-25 Amperes Range, Indoor/Outdoor NEMA 4X Enclosure For Submersible Sewage Pumps Note: Includes alarm horn and warning light. Float switches not included..	2,944.25	151.19
22 13 29 16-0074	EA	Alarm System, 115 Volt, Indoor/Outdoor 4X Enclosure Note: Includes alarm horn, warning light and 15' tethered float.	553.88	60.47
22 13 29 16-0075	EA	Variable Level (Clamp Type) Float Switch With 15' Cord Note: Not for use with Intrinsically Safe Control Systems.	107.97	30.24
22 13 29 16-0076	EA	Variable Level (Clamp Type) Float Switch With 15' Cord For Intrinsically Safe Control Systems Only	126.71	30.24
22 13 29 16-0077	EA	Variable Level (Adjustable Weight Type) Float Switch With 25' Cord Note: Not for use with Intrinsically Safe Control Systems.	136.99	30.24
22 13 29 16-0078	EA	Variable Level (Adjustable Weight Type) Float Switch With 25' Cord For Intrinsically Safe Control Systems Only	141.73	30.24
22 13 29 16-0079	EA	Float Switch Tree With (3) 15' Floats Note: Not for use with Intrinsically Safe Control Systems.	400.78	30.24
22 13 29 16-0080	EA	Float Switch Tree And (3) Floats With 15' Cords For Intrinsically Safe Control Systems Only	443.58	30.24
22 13 29 16-0081	EA	Float Switch Tree And (4) Floats With 15' Cords Note: Not for use with Intrinsically Safe Control Systems.	445.71	30.24
22 13 29 16-0082	EA	Float Switch Tree And (4) Floats With 15' Cords For Intrinsically Safe Control Systems Only	504.69	30.24
22 13 29 16-0083	EA	Float Switch Tree Note: Tree only.	215.63	30.24
22 13 29 16-0084	EA	Adjustable Weight For Float Switch	58.70	15.12
22 13 29 16-0085	EA	Rail And Disconnect System, Stainless Steel, For 2" Horizontal Discharge Note: Lifting equipment not included.	1,129.08	90.71
22 13 29 16-0086	EA	Rail And Disconnect System, Stainless Steel, For 3" Horizontal Discharge Note: Lifting equipment not included.	1,767.15	120.96
22 13 29 16-0087	EA	Rail And Disconnect System, Stainless Steel, For 4" Horizontal Discharge Note: Lifting equipment not included.	2,307.20	151.19
22 13 29 16-0088	EA	Rail And Disconnect System, Stainless Steel Non-Spearking, For 3" Horizontal Discharge	2,447.32	90.71
22 13 29 16-0089	EA	Rail And Disconnect System, Stainless Steel Non-Spearking, For 4" Horizontal Discharge	3,453.65	90.71
22 13 29 16-0090	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 2" Rail System	329.87	60.47
22 13 29 16-0091	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 3" Rail Systems	576.86	75.60
22 13 29 16-0092	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 4" Rail Systems	580.15	90.71
22 13 29 16-0093	EA	12' Stainless Steel Lifting Cable	162.68	30.24
22 13 29 16-0094	EA	Disconnect Fitting For 2" Horizontal Discharge Note: Used for shallow systems where guide rails are not necessary.	317.68	30.24

22 13 29 33 Sewerage Pump Basins and Pits *(22 13 29)*

22 13 29 33-0001 Sewage Sump Pump Basin *(22 13 29 33)*

22 13 29 33-0002 High Density Polyethylene (HDPE) Basin *(22 13 29 33-0001)*

22 13 29 33-0003	EA	18" Diameter x 24" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	136.36	
22 13 29 33-0004	EA	18" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	176.61	
22 13 29 33-0005	EA	24" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	403.76	
22 13 29 33-0006	EA	24" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	567.44	
22 13 29 33-0007	EA	30" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	731.12	
22 13 29 33-0008	EA	36" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	850.71	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 33-0009		Fiberglass Basin *(22 13 29 33-0001)*		
22 13 29 33-0010	EA	18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	375.28	
22 13 29 33-0011	EA	24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	770.23	
22 13 29 33-0012	EA	30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	1,388.37	
22 13 29 33-0013	EA	36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	1,871.51	
22 13 29 33-0014	EA	36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	2,157.37	
22 13 29 33-0015	EA	36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub	2,278.41	
22 13 29 33-0016	EA	36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub	2,678.01	
22 13 29 33-0017	EA	48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	3,110.45	
22 13 29 36		**Explosion Proof Submersible Sewerage Pumps** *(22 13 29)*		
22 13 29 36-0001		Wet Pit Submersible Sewer Pump, Explosion Proof Class 1, Div 1 And 2, 4 Pole, 1,750 RPM (Ebara) *(22 13 29 36)*		
22 13 29 36-0002		Ebara 3" Model DLFU Wet Pit Submersible Sewage Pump, 2HP - 30HP *(22 13 29 36-0001)*		
22 13 29 36-0003	EA	2 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU61.5	3,303.26	199.76
		For 20' Stainless Steel Chain, Add	*284.75*	
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*381.65*	
22 13 29 36-0004	EA	2 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLMFU61.5	3,303.26	199.76
		For 20' Stainless Steel Chain, Add	*284.75*	
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*381.65*	
22 13 29 36-0005	EA	3 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU62.2	4,327.48	239.71
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0006	EA	3 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLMFU62.2	4,204.08	239.71
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*381.65*	
22 13 29 36-0007	EA	5 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU63.7	4,849.44	319.61
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0008	EA	5 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLMFU63.7	4,975.12	319.61
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*381.65*	
22 13 29 36-0009	EA	7.5 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU65.5	6,710.49	399.51
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0010	EA	7.5 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLMFU65.5	6,767.62	399.51
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*381.65*	
22 13 29 36-0011	EA	10 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU67.5	7,827.74	479.42
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0012	EA	10 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLCMFU67.5	7,793.46	479.42
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*589.90*	
22 13 29 36-0013	EA	15 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU611	9,021.54	559.32
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0014	EA	15 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLCMFU611	8,986.12	559.32
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*589.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 36-0015	EA	20 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU615	10,313.58	639.23
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0016	EA	25 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU618	12,713.93	719.13
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0017	EA	30 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 80DLFU622	14,154.52	799.03
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0018		Ebara 4" Model DLFU Wet Pit Submersible Sewage Pump, 2HP - 30HP *(22 13 29 36-0001)*		
22 13 29 36-0019	EA	2 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU61.5	4,002.51	199.76
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*381.65*	
22 13 29 36-0020	EA	3 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU62.2	4,510.29	239.71
		For 20' Stainless Steel Chain, Add	*284.75*	
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*381.65*	
22 13 29 36-0021	EA	3 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLMFU62.2	4,327.48	239.71
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0022	EA	5 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU63.7	5,093.95	319.61
		For 20' Stainless Steel Chain, Add	*284.75*	
		For 3" x 3" Discharge Elbow, Add	*152.15*	
		For 3" x 4" Discharge Elbow, Add	*184.45*	
		For Guide Rail System, Add	*381.65*	
22 13 29 36-0023	EA	5 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFMU63.7	4,849.44	319.61
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0024	EA	7.5 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU65.5	7,625.69	399.51
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 5" x 4" Discharge Elbow, Add	*285.60*	
		For 5" x 6" Discharge Elbow, Add	*277.95*	
		For Guide Rail System, Add	*1,064.20*	
22 13 29 36-0025	EA	7.5 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLMFU65.5	6,710.49	399.51
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0026	EA	10 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU67.5	8,353.32	479.42
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 5" x 4" Discharge Elbow, Add	*285.60*	
		For 5" x 6" Discharge Elbow, Add	*277.95*	
		For Guide Rail System, Add	*1,064.20*	
22 13 29 36-0027	EA	10 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLMFU67.5	7,827.74	479.42
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0028	EA	15 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU611	9,500.27	559.32
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 5" x 4" Discharge Elbow, Add	*285.60*	
		For 5" x 6" Discharge Elbow, Add	*277.95*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0029	EA	15 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLMFU611	9,021.54	559.32
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0030	EA	20 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU615	10,826.60	639.23
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 5" x 4" Discharge Elbow, Add	*285.60*	
		For 5" x 6" Discharge Elbow, Add	*277.95*	
		For Guide Rail System, Add	*1,064.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 36-0031	EA	20 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLMFU615	10,313.58	639.23
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0032	EA	25 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU618	13,055.56	719.13
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 5" x 4" Discharge Elbow, Add	*285.60*	
		For 5" x 6" Discharge Elbow, Add	*277.95*	
		For Guide Rail System, Add	*1,064.20*	
22 13 29 36-0033	EA	25 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLMFU618	12,713.93	719.13
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0034	EA	30 HP Wet Pit Submersible Sump Pump, 4" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU622	14,484.73	799.03
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 5" x 4" Discharge Elbow, Add	*285.60*	
		For 5" x 6" Discharge Elbow, Add	*277.95*	
		For Guide Rail System, Add	*1,064.20*	
22 13 29 36-0035	EA	30 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLMFU622	14,154.52	799.03
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0036	EA	30 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU630	21,774.32	799.03
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0037	EA	30 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU637	27,072.42	799.03
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0038	EA	30 HP Wet Pit Submersible Sump Pump, 3" Discharge, 3 Phase, 40 Ft Cable, Ebara 100DLFU645	28,640.03	799.03
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 4" x 3" Discharge Elbow, Add	*184.45*	
		For 4" x 4" Discharge Elbow, Add	*170.00*	
		For 4" x 6" Discharge Elbow, Add	*214.20*	
		For Guide Rail System, Add	*754.80*	
22 13 29 36-0039		Ebara 6" Model DLFU Wet Pit Submersible Sewage Pump, 10 HP - 60 HP *(22 13 29 36-0001)*		
22 13 29 36-0040	EA	10 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, 40 Ft Cable, Ebara 150DLFU67.5	8,694.95	479.42
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
22 13 29 36-0041	EA	15 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, 40 Ft Cable, Ebara 150DLFU611	9,846.47	559.32
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
22 13 29 36-0042	EA	20 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, 40 Ft Cable, Ebara 150DLFU615	11,139.66	639.23
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
22 13 29 36-0043	EA	25 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, 40 Ft Cable, Ebara 150DLFU618	12,897.89	719.13
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
22 13 29 36-0044	EA	30 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, 40 Ft Cable, Ebara 150DLFU622	15,121.14	799.03
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
22 13 29 36-0045	EA	40 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, 40 Ft Cable, Ebara 150DLFU630	22,465.38	878.94
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*2,537.25*	
22 13 29 36-0046	EA	50 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, 40 Ft Cable, Ebara 150DLFU637	27,601.04	958.83
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*2,537.25*	
22 13 29 36-0047	EA	60 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, 40 Ft Cable, Ebara 150DLFU645	29,370.69	1,038.74
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*2,537.25*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 36-0048		Ebara 8" Model DLFU Wet Pit Submersible Sewage Pump, 10 HP - 60 HP *(22 13 29 36-0001)*		
22 13 29 36-0049	EA	10 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, 40 Ft Cable, Ebara 200DLFU675	9,214.82	479.42
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
22 13 29 36-0050	EA	15 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, 40 Ft Cable, Ebara 200DLFU611	9,932.17	559.32
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
22 13 29 36-0051	EA	20 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, 40 Ft Cable, Ebara 200DLFU61	11,149.95	639.23
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
22 13 29 36-0052	EA	25 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, 40 Ft Cable, Ebara 200DLFU618	12,897.89	719.13
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
22 13 29 36-0053	EA	30 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, 40 Ft Cable, Ebara 200DLFU622	15,121.14	799.03
		For 20' Stainless Steel Chain, Add	*423.30*	
		For 6" x 6" Discharge Elbow, Add	*323.85*	
		For 6" x 8" Discharge Elbow, Add	*471.75*	
		For Guide Rail System, Add	*1,206.15*	
22 13 29 36-0054	EA	40 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, 40 Ft Cable, Ebara 200DLFU630	22,104.33	878.94
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*4,195.60*	
22 13 29 36-0055	EA	50 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, 40 Ft Cable, Ebara 200DLFU637	27,772.43	958.83
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*4,195.60*	
22 13 29 36-0056	EA	60 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, 40 Ft Cable, Ebara 200DLFU645	29,550.08	1,038.74
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*4,195.60*	
22 13 29 36-0057		Ebara 10" Model DLFU Wet Pit Submersible Sewage Pump, 15 HP - 60 HP *(22 13 29 36-0001)*		
22 13 29 36-0058	EA	15 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, 40 Ft Cable, Ebara 250DLFU611	11,427.79	559.32
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*3,562.35*	
22 13 29 36-0059	EA	20 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, 40 Ft Cable, Ebara 250DLBFU615	12,497.04	639.23
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*3,562.35*	
22 13 29 36-0060	EA	20 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, 40 Ft Cable, Ebara 250DLCFU615	13,296.83	639.23
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*3,562.35*	
22 13 29 36-0061	EA	25 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, 40 Ft Cable, Ebara 250DLFU618	15,159.03	719.13
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*3,562.35*	
22 13 29 36-0062	EA	30 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, 40 Ft Cable, Ebara 250DLFU622	16,469.37	799.03
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*3,562.35*	
22 13 29 36-0063	EA	40 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, 40 Ft Cable, Ebara 250DLFU630	23,647.94	878.94
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*3,562.35*	
22 13 29 36-0064	EA	50 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, 40 Ft Cable, Ebara 250DLFU637	29,569.69	958.83
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*3,562.35*	
22 13 29 36-0065	EA	60 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, 40 Ft Cable, Ebara 250DLFU645	31,348.48	1,038.74
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*3,562.35*	
22 13 29 36-0066		Ebara 12" Model DLFU Wet Pit Submersible Sewage Pump, 25HP - 60HP *(22 13 29 36-0001)*		
22 13 29 36-0067	EA	25 HP Wet Pit Submersible Sump Pump, 12" Discharge, 3 Phase, 40 Ft Cable, Ebara 300DLFU618	15,862.86	719.13
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*3,562.35*	
22 13 29 36-0068	EA	30 HP Wet Pit Submersible Sump Pump, 12" Discharge, 3 Phase, 40 Ft Cable, Ebara 300DLFU622	17,146.92	799.03
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*3,562.35*	
22 13 29 36-0069	EA	40 HP Wet Pit Submersible Sump Pump, 12" Discharge, 3 Phase, 40 Ft Cable, Ebara 300DLFU630	24,366.62	878.94
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*3,562.35*	
22 13 29 36-0070	EA	50 HP Wet Pit Submersible Sump Pump, 12" Discharge, 3 Phase, 40 Ft Cable, Ebara 300DLFU637	30,231.24	958.83
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*3,562.35*	
22 13 29 36-0071	EA	60 HP Wet Pit Submersible Sump Pump, 12" Discharge, 3 Phase, 40 Ft Cable, Ebara 300DLFU645	32,000.89	1,038.74
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*3,562.35*	

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 36-0072			Wet Pit Submersible Sewer Pump, Explosion Proof Class 1, Div 1 And 2, 4 And 6 Pole, 1,750 And 1,180 RPM (Ebara) *(22 13 29 36)*		
22 13 29 36-0073			Ebara 6", 8", 10", 12" Model DSC Submersible Sewage Pumps, 75 HP - 245 HP *(22 13 29 36-0072)*		
22 13 29 36-0074	EA		75 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, Ebara DSC G0852	93,175.03	1,118.64
			For 20' Stainless Steel Chain, Add	*423.30*	
			For Guide Rail System, Add	*4,420.00*	
22 13 29 36-0075	EA		75 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, Ebara DSC E1052	101,914.55	1,118.64
			For 20' Stainless Steel Chain, Add	*423.30*	
			For Guide Rail System, Add	*4,420.00*	
22 13 29 36-0076	EA		100 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, Ebara DSC G0932	105,014.63	1,238.50
			For 20' Stainless Steel Chain, Add	*423.30*	
			For Guide Rail System, Add	*4,420.00*	
22 13 29 36-0077	EA		100 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, Ebara DSC E1052	107,470.01	1,238.50
			For Guide Rail System, Add	*4,420.00*	
			For 20' Stainless Steel Chain, Add	*590.75*	
22 13 29 36-0078	EA		100 HP Wet Pit Submersible Sump Pump, 12" Discharge, 3 Phase, Ebara DSC C1203	94,629.81	1,238.50
			For Guide Rail System, Add	*5,695.00*	
			For 20' Stainless Steel Chain, Add	*590.75*	
22 13 29 36-0079	EA		120 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, Ebara DSC G1012	122,474.53	1,358.35
			For Guide Rail System, Add	*5,270.00*	
			For 20' Stainless Steel Chain, Add	*590.75*	
22 13 29 36-0080	EA		120 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, Ebara DSC E1152	109,420.66	1,358.35
			For Guide Rail System, Add	*5,270.00*	
			For 20' Stainless Steel Chain, Add	*590.75*	
22 13 29 36-0081	EA		145 HP Wet Pit Submersible Sump Pump, 6" Discharge, 3 Phase, Ebara DSC G1012	109,478.55	1,518.15
			For Guide Rail System, Add	*6,375.00*	
			For 20' Stainless Steel Chain, Add	*590.75*	
22 13 29 36-0082	EA		145 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, Ebara DSC F1102	130,043.67	1,518.15
			For Guide Rail System, Add	*6,375.00*	
			For 20' Stainless Steel Chain, Add	*590.75*	
22 13 29 36-0083	EA		200 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, Ebara DSC F1102	148,044.47	1,677.96
			For Guide Rail System, Add	*6,970.00*	
			For 20' Stainless Steel Chain, Add	*845.75*	
22 13 29 36-0084	EA		200 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, Ebara DSC G1102	148,044.47	1,677.96
			For Guide Rail System, Add	*6,970.00*	
			For 20' Stainless Steel Chain, Add	*845.75*	
22 13 29 36-0085	EA		245 HP Wet Pit Submersible Sump Pump, 8" Discharge, 3 Phase, Ebara DSC G1102	153,414.16	1,837.77
			For Guide Rail System, Add	*9,180.00*	
			For 20' Stainless Steel Chain, Add	*845.75*	
22 13 29 36-0086	EA		245 HP Wet Pit Submersible Sump Pump, 10" Discharge, 3 Phase, Ebara DSC E1262	155,585.05	1,837.77
			For Guide Rail System, Add	*9,180.00*	
			For 20' Stainless Steel Chain, Add	*845.75*	
22 13 29 36-0087			Dry Pit Submersible Sewer Pump, Explosion Proof Class 1, Div 1 And 2, 4 Pole, 1,750 RPM (Ebara) *(22 13 29 36)*		
22 13 29 36-0088			Ebara Model DLFU Dry Pit Submersible Sewage Pump, 15 HP - 60 HP *(22 13 29 36-0087)*		
22 13 29 36-0089	EA		3" x 4" 15 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 100x80DDLFU611	14,406.47	559.32
22 13 29 36-0090	EA		3" x 4" 20 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 100x80DDLFU615	16,182.97	639.23
22 13 29 36-0091	EA		3" x 4" 25 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 100x80DDLFU618	17,701.25	719.13
22 13 29 36-0092	EA		3" x 4" 30 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 100x80DDLFU622	18,811.64	799.03
22 13 29 36-0093	EA		4" x 6" 15 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 150x100DDLFU611	14,894.35	559.32
22 13 29 36-0094	EA		4" x 6" 20 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 150x100DDLFU615	16,252.66	639.23
22 13 29 36-0095	EA		4" x 6" 25 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 150x100DDLFU618	18,187.99	719.13
22 13 29 36-0096	EA		4" x 6" 30 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 150x100DDLFU622	19,556.60	799.03
22 13 29 36-0097	EA		4" x 6" 40 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 150x100DDLFU61130	27,605.80	878.94
22 13 29 36-0098	EA		4" x 6" 50 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 150x100DDLFU637	32,399.84	958.83
22 13 29 36-0099	EA		4" x 6" 60 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 150x100DDLFU645	33,670.18	1,038.74
22 13 29 36-0100	EA		8" x 10" 15 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x150DDLFU611	15,384.51	559.32
22 13 29 36-0101	EA		8" x 10" 20 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x150DDLFU615	16,548.59	639.23
22 13 29 36-0102	EA		8" x 10" 25 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x150DDLFU618	18,315.95	719.13
22 13 29 36-0103	EA		8" x 10" 30 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x150DDLFU622	20,013.62	799.03
22 13 29 36-0104	EA		8" x 10" 40 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x150DDLFU630	28,435.31	878.94
22 13 29 36-0105	EA		8" x 10" 50 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x150DDLFU637	35,156.86	958.83
22 13 29 36-0106	EA		8" x 10" 60 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x150DDLFU645	35,531.43	1,038.74
22 13 29 36-0107	EA		8" X 8" 30 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x200DDLFU630	29,468.39	799.03
22 13 29 36-0108	EA		8" X 8" 50 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x200DDLFU637	35,263.12	958.83
22 13 29 36-0109	EA		8" X 8" 60 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 200x200DDLFU645	35,804.50	1,038.74
22 13 29 36-0110	EA		10" x 10" 40 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 250x250DDLFU630	35,063.36	878.94
22 13 29 36-0111	EA		10" x 10" 50 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 250x250DDLFU637	35,263.12	958.83
22 13 29 36-0112	EA		10" x 10" 60 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 250x250DDLFU645	35,827.36	1,038.74
22 13 29 36-0113	EA		12" X 12" 40 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 300x300DDLFU630	30,120.60	878.94
22 13 29 36-0114	EA		12" X 12" 50 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 300x300DDLFU637	35,436.79	958.83
22 13 29 36-0115	EA		12" X 12" 60 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara 300x300DDLFU645	35,894.77	1,038.74
22 13 29 36-0116			Dry Pit Submersible Sewer Pump, Explosion Proof Class 1, Div 1 And 2, 4 And 6 Pole, 1,750 And 1,180 RPM (Ebara) *(22 13 29 36)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 36-0117		Ebara Model DSC Dry Pit Submersible Sewage Pump, 75 HP - 245 HP *(22 13 29 36-0116)*		
22 13 29 36-0118	EA	10" x 6" 75 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC G0852	95,368.70	1,118.64
22 13 29 36-0119	EA	10" x 8" 75 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC E1052	104,124.63	1,118.64
22 13 29 36-0120	EA	10" x 6" 100 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC G0932	107,749.21	1,238.50
22 13 29 36-0121	EA	10" x 8" 100 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC E1052	109,922.26	1,238.50
22 13 29 36-0122	EA	16" x 12" 100 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC C1203	95,872.57	1,238.50
22 13 29 36-0123	EA	10" x 6" 120 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC G1012	125,492.09	1,358.35
22 13 29 36-0124	EA	10" x 8" 120 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC E1152	110,221.90	1,358.35
22 13 29 36-0125	EA	10" x 6" 145 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC G1012	110,621.42	1,518.15
22 13 29 36-0126	EA	10" x 8" 145 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC F1102	130,981.14	1,518.15
22 13 29 36-0127	EA	12" x 8" 200 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC F1102	156,153.47	1,677.96
22 13 29 36-0128	EA	14" x 10" 200 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC G1102	152,555.68	1,618.03
22 13 29 36-0129	EA	12" x 8" 245 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC G1102	155,941.90	1,837.77
22 13 29 36-0130	EA	14" x 10" 245 HP Dry Pit Submersible Sewer Pump, 3 Phase, Ebara DSC E1262	155,941.90	1,837.77

22 13 33 Packaged, Submersible Sewerage Pump Units *(22 13)*

22 13 33 00-0001		Submersible Pumps (Flygt) *(22 13 33)*		
22 13 33 00-0002		Wet Pit Submersible Pumps (Flygt) *(22 13 33 00-0001)*		
22 13 33 00-0003		Wet Pit Submersible Explosion Proof Pumps (Flygt) *(22 13 33 00-0002)*		
22 13 33 00-0004	EA	3 HP, 3" To 4" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3085) Note: FLS and 50' electrical cable	14,132.75	239.71
22 13 33 00-0005	EA	4 HP, 3" To 4" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3085) Note: FLS and 50' electrical cable	14,754.94	279.67
22 13 33 00-0006	EA	5 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3102) Note: FLS and 50' electrical cable	17,652.92	319.61
22 13 33 00-0007	EA	7 HP, 3" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3102) Note: FLS and 50' electrical cable	16,658.81	399.51
22 13 33 00-0008	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3127) Note: FLS and 50' electrical cable	23,457.35	439.46
22 13 33 00-0009	EA	10 To 12 HP, 3" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3127) Note: FLS and 50' electrical cable	27,351.46	479.42
22 13 33 00-0010	EA	12 To 14 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3153) Note: FLS and 50' electrical cable	41,273.95	519.37
22 13 33 00-0011	EA	15 To 17 HP, 3" To 10" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3153) Note: FLS and 50' electrical cable	43,360.48	559.32
22 13 33 00-0012	EA	20 To 23 HP, 3" To 4" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3153) Note: FLS and 50' electrical cable	47,162.32	639.23
22 13 33 00-0013	EA	18 To 25 HP, 4" To 10" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3171) Note: FLS and 50' electrical cable	59,520.76	719.13
22 13 33 00-0014	EA	30 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3171) Note: FLS and 50' electrical cable	65,430.51	799.03
22 13 33 00-0015	EA	34 To 35 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3171) Note: FLS and 50' electrical cable	78,631.08	838.99
22 13 33 00-0016	EA	34 To 45 HP, 4" To 12" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3202) Note: FLS and 50' electrical cable	108,793.75	878.94
22 13 33 00-0017	EA	50 To 60 HP, 4" To 12" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3202) Note: FLS and 50' electrical cable	122,099.97	1,038.74
22 13 33 00-0018	EA	67 To 72 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3202) Note: FLS and 50' electrical cable	117,954.19	1,078.69
22 13 33 00-0019	EA	60 To 70 HP, 10" To 14" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3301) Note: FLS and 50' electrical cable	150,683.65	1,118.64
22 13 33 00-0020	EA	85 HP, 6" To 12" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3301) Note: FLS and 50' electrical cable	166,586.34	1,198.55
22 13 33 00-0021	EA	105 HP, 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3301) Note: FLS and 50' electrical cable	169,563.69	1,278.45
22 13 33 00-0022	EA	70 To 90 HP, 14" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3315) Note: FLS and 50' electrical cable	149,058.88	1,118.64
22 13 33 00-0023	EA	110 To 140 HP, 10" To 12" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3315) Note: FLS and 50' electrical cable	174,930.60	1,358.35
22 13 33 00-0024	EA	130 To 160 HP, 6" Discharge, Wet Pit Submersible Explosion Proof Pump (Flygt NP3315) Note: FLS and 50' electrical cable	171,224.38	1,518.15
22 13 33 00-0025	EA	3 HP, 3" To 4" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3085) Note: FLS and 50' electrical cable	15,018.81	239.71
22 13 33 00-0026	EA	4 HP, 3" To 4" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3085) Note: FLS and 50' electrical cable	15,641.00	279.67
22 13 33 00-0027	EA	5 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3102) Note: FLS and 50' electrical cable	19,145.24	319.61
22 13 33 00-0028	EA	7 HP, 3" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3102) Note: FLS and 50' electrical cable	18,151.13	399.51
22 13 33 00-0029	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3127) Note: FLS and 50' electrical cable	24,959.00	439.46
22 13 33 00-0030	EA	10 To 12 HP, 3" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3127) Note: FLS and 50' electrical cable	28,853.11	479.42
22 13 33 00-0031	EA	12 To 14 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3153) Note: FLS and 50' electrical cable	42,840.89	519.37

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0032	EA	15 To 17 HP, 3" To 10" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3153) Note: FLS and 50' electrical cable	44,927.42	559.32
22 13 33 00-0033	EA	20 To 23 HP, 3" To 4" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3153) Note: FLS and 50' electrical cable	48,729.26	639.23
22 13 33 00-0034	EA	18 To 25 HP, 4" To 10" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3171) Note: FLS and 50' electrical cable	62,169.63	719.13
22 13 33 00-0035	EA	30 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3171) Note: FLS and 50' electrical cable	68,079.38	799.03
22 13 33 00-0036	EA	34 To 35 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3171) Note: FLS and 50' electrical cable	81,279.95	838.99
22 13 33 00-0037	EA	34 To 45 HP, 4" To 12" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3202) Note: FLS and 50' electrical cable	111,442.62	878.94
22 13 33 00-0038	EA	50 To 60 HP, 4" To 12" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3202) Note: FLS and 50' electrical cable	124,748.84	1,038.74
22 13 33 00-0039	EA	67 To 72 HP, 4" To 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3202) Note: FLS and 50' electrical cable	121,871.53	1,078.69
22 13 33 00-0040	EA	60 To 70 HP, 10" To 14" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3301) Note: FLS and 50' electrical cable	154,600.99	1,118.64
22 13 33 00-0041	EA	85 HP, 6" To 12" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3301) Note: FLS and 50' electrical cable	170,503.68	1,198.55
22 13 33 00-0042	EA	105 HP, 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3301) Note: FLS and 50' electrical cable	173,481.03	1,278.45
22 13 33 00-0043	EA	70 To 90 HP, 14" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3315) Note: FLS and 50' electrical cable	152,976.22	1,118.64
22 13 33 00-0044	EA	130 To 160 HP, 6" Discharge, Wet Pit Submersible Explosion Proof Pump With Shielded Power Cable (Flygt NP3315) Note: FLS and 50' electrical cable	175,328.26	1,518.15

22 13 33 00-0045 Dry Pit Submersible Vertical Pumps (Flygt) *(22 13 33 00-0001)*

22 13 33 00-0046 Dry Pit Submersible Vertical Non-Explosion Proof Pumps (Flygt) *(22 13 33 00-0045)*

22 13 33 00-0047	EA	3 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3085) Note: FLS and 50' electrical cable. Includes stand and inlet elbow.	13,746.61	239.71
22 13 33 00-0048	EA	4 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3085) Note: FLS and 50' electrical cable. Includes stand and inlet elbow.	14,378.13	279.67
22 13 33 00-0049	EA	5 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3102) Note: FLS and 50' electrical cable. Includes stand and inlet elbow.	16,371.39	319.61
22 13 33 00-0050	EA	7 HP, 3" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3102) Note: FLS and 50' electrical cable. Includes stand and inlet elbow.	16,468.54	399.51
22 13 33 00-0051	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3127) Note: FLS and 50' electrical cable. Includes stand and inlet elbow.	24,546.75	439.46
22 13 33 00-0052	EA	10 To 12 HP, 3" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3127) Note: FLS and 50' electrical cable. Includes stand and inlet elbow.	27,239.53	479.42
22 13 33 00-0053	EA	15 To 17 HP, 3" To 10" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3153) Note: FLS and 50' electrical cable	40,894.42	559.32
		For Inlet Elbow, Add	*2,344.81*	
		For Stand, Add	*1,861.67*	
22 13 33 00-0054	EA	20 To 23 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3153) Note: FLS and 50' electrical cable	44,468.68	639.23
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*1,315.11*	
22 13 33 00-0055	EA	18 To 25 HP, 4" To 10" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3171) Note: FLS and 50' electrical cable	55,935.46	719.13
		For Inlet Elbow, Add	*2,344.81*	
		For Stand, Add	*3,055.53*	
22 13 33 00-0056	EA	30 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3171) Note: FLS and 50' electrical cable	60,224.18	799.03
		For Inlet Elbow, Add	*2,344.81*	
		For Stand, Add	*1,902.71*	
22 13 33 00-0057	EA	34 To 35 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3171) Note: FLS and 50' electrical cable	74,952.51	838.99
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*1,902.71*	
22 13 33 00-0058	EA	34 To 45 HP, 4" To 12" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3202) Note: FLS and 50' electrical cable	100,761.34	878.94
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*4,376.23*	
22 13 33 00-0059	EA	50 To 60 HP, 4" To 12" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3202) Note: FLS and 50' electrical cable	124,528.72	1,038.74
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*4,376.23*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0060	EA	67 To 72 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3202)	119,144.32	1,078.69
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*1,968.00*	
22 13 33 00-0061	EA	85 HP, 6" To 12" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3301)	132,531.60	1,198.55
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*4,439.65*	
22 13 33 00-0062	EA	105 HP, 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3301)	136,887.48	1,278.45
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*4,159.84*	
		For Stand, Add	*4,100.15*	
22 13 33 00-0063	EA	70 To 90 HP, 14" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3315)	135,143.00	1,118.64
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*7,534.35*	
		For Stand, Add	*4,439.65*	
22 13 33 00-0064	EA	110 To 140 HP, 10" To 12" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump (Flygt NT3315)	171,949.69	1,358.35
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*7,534.35*	
		For Stand, Add	*4,439.65*	
22 13 33 00-0065	EA	3 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3085)	14,632.67	239.71
		Note: FLS and 50' electrical cable		
22 13 33 00-0066	EA	4 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3085)	15,264.19	279.67
		Note: FLS and 50' electrical cable		
22 13 33 00-0067	EA	5 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3102)	17,873.04	319.61
		Note: FLS and 50' electrical cable		
22 13 33 00-0068	EA	7 HP, 3" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3102)	17,970.19	399.51
		Note: FLS and 50' electrical cable		
22 13 33 00-0069	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3127)	26,048.39	439.46
		Note: FLS and 50' electrical cable		
22 13 33 00-0070	EA	10 To 12 HP, 3" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3127)	28,741.18	479.42
		Note: FLS and 50' electrical cable		
22 13 33 00-0071	EA	12 To 14 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3153)	38,423.62	519.37
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,344.81*	
		For Stand, Add	*1,315.11*	
22 13 33 00-0072	EA	15 To 17 HP, 3" To 10" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3153)	42,480.01	559.32
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,344.81*	
		For Stand, Add	*1,861.67*	
22 13 33 00-0073	EA	20 To 23 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3153)	46,054.27	639.23
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*1,315.11*	
22 13 33 00-0074	EA	18 To 25 HP, 4" To 10" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3171)	58,575.00	719.13
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,344.81*	
		For Stand, Add	*3,055.53*	
22 13 33 00-0075	EA	30 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3171)	62,863.72	799.03
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,344.81*	
		For Stand, Add	*1,902.71*	
22 13 33 00-0076	EA	34 To 35 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3171)	77,592.05	838.99
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*1,902.71*	
22 13 33 00-0077	EA	34 To 45 HP, 4" To 12" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3202)	103,400.88	878.94
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*4,376.23*	
22 13 33 00-0078	EA	50 To 60 HP, 4" To 12" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3202)	127,168.26	1,038.74
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*4,376.23*	
22 13 33 00-0079	EA	67 To 72 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3202)	123,061.66	1,078.69
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*1,968.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0080	EA	60 To 70 HP, 10" To 14" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3301)	123,292.11	1,118.64
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*4,439.65*	
22 13 33 00-0081	EA	85 HP, 6" To 12" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3301)	136,448.94	1,198.55
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*4,439.65*	
22 13 33 00-0082	EA	105 HP, 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3301)	140,804.82	1,278.45
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*4,159.84*	
		For Stand, Add	*4,100.15*	
22 13 33 00-0083	EA	70 To 90 HP, 14" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3315)	139,060.34	1,118.64
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*7,534.35*	
		For Stand, Add	*4,439.65*	
22 13 33 00-0084	EA	110 To 140 HP, 10" To 12" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3315)	175,867.03	1,358.35
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*7,534.35*	
		For Stand, Add	*4,439.65*	
22 13 33 00-0085	EA	130 To 160 HP, 6" Discharge, Dry Pit Submersible Vertical Non-Explosion Proof Pump With Shielded Power Cable (Flygt NT3315)	160,395.73	1,518.15
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*7,534.35*	
		For Stand, Add	*4,100.15*	

22 13 33 00-0086 Dry Pit Submersible Vertical Explosion Proof Pumps (Flygt) *(22 13 33 00-0045)*

22 13 33 00-0087	EA	3 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3085)	15,419.87	239.71
		Note: FLS and 50' electrical cable. Includes stand and inlet elbow.		
22 13 33 00-0088	EA	4 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3085)	16,051.39	279.67
		Note: FLS and 50' electrical cable. Includes stand and inlet elbow.		
22 13 33 00-0089	EA	7 HP, 3" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3102)	18,141.81	399.51
		Note: FLS and 50' electrical cable. Includes stand and inlet elbow.		
22 13 33 00-0090	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3127)	26,608.01	439.46
		Note: FLS and 50' electrical cable. Includes stand and inlet elbow.		
22 13 33 00-0091	EA	12 To 14 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3153)	39,104.49	519.37
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,344.81*	
		For Stand, Add	*1,315.11*	
22 13 33 00-0092	EA	15 To 17 HP, 3" To 10" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3153)	43,160.89	559.32
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,344.81*	
		For Stand, Add	*1,861.67*	
22 13 33 00-0093	EA	20 To 23 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3153)	46,735.14	639.23
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*1,315.11*	
22 13 33 00-0094	EA	18 To 25 HP, 4" To 10" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3171)	58,972.33	719.13
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*2,344.81*	
		For Stand, Add	*3,055.53*	
22 13 33 00-0095	EA	34 To 35 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3171)	77,989.38	838.99
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*1,902.71*	
22 13 33 00-0096	EA	34 To 45 HP, 4" To 12" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3202)	103,798.21	878.94
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*4,376.23*	
22 13 33 00-0097	EA	50 To 60 HP, 4" To 12" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3202)	127,565.59	1,038.74
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*4,376.23*	
22 13 33 00-0098	EA	67 To 72 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3202)	122,181.19	1,078.69
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*1,968.00*	
22 13 33 00-0099	EA	60 To 70 HP, 10" To 14" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3301)	125,954.04	1,118.64
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*4,439.65*	
22 13 33 00-0100	EA	85 HP, 6" To 12" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3301)	139,110.87	1,198.55
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*4,439.65*	
22 13 33 00-0101	EA	105 HP, 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3301)	143,466.75	1,278.45
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*4,159.84*	
		For Stand, Add	*4,100.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0102	EA	70 To 90 HP, 14" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3315) Note: FLS and 50' electrical cable	141,908.80	1,118.64
		For Inlet Elbow, Add	*7,534.35*	
		For Stand, Add	*4,439.65*	
22 13 33 00-0103	EA	110 To 140 HP, 10" To 12" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3315) Note: FLS and 50' electrical cable	178,715.50	1,358.35
		For Inlet Elbow, Add	*7,534.35*	
		For Stand, Add	*4,439.65*	
22 13 33 00-0104	EA	130 To 160 HP, 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump (Flygt NT3315) Note: FLS and 50' electrical cable	163,048.33	1,518.15
		For Inlet Elbow, Add	*7,534.35*	
		For Stand, Add	*4,100.15*	
22 13 33 00-0105	EA	3 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3085) Note: FLS and 50' electrical cable	16,305.94	239.71
22 13 33 00-0106	EA	4 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3085) Note: FLS and 50' electrical cable	16,937.46	279.67
22 13 33 00-0107	EA	5 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3102) Note: FLS and 50' electrical cable	19,546.30	319.61
22 13 33 00-0108	EA	7 HP, 3" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3102) Note: FLS and 50' electrical cable	19,643.45	399.51
22 13 33 00-0109	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3127) Note: FLS and 50' electrical cable	28,109.66	439.46
22 13 33 00-0110	EA	10 To 12 HP, 3" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3127) Note: FLS and 50' electrical cable	30,802.45	479.42
22 13 33 00-0111	EA	12 To 14 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3153) Note: FLS and 50' electrical cable	40,690.08	519.37
		For Inlet Elbow, Add	*2,344.81*	
		For Stand, Add	*1,315.11*	
22 13 33 00-0112	EA	15 To 17 HP, 3" To 10" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3153) Note: FLS and 50' electrical cable	44,746.48	559.32
		For Inlet Elbow, Add	*2,344.81*	
		For Stand, Add	*1,861.67*	
22 13 33 00-0113	EA	20 To 23 HP, 3" To 4" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3153) Note: FLS and 50' electrical cable	48,320.73	639.23
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*1,315.11*	
22 13 33 00-0114	EA	18 To 25 HP, 4" To 10" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3171) Note: FLS and 50' electrical cable	61,611.87	719.13
		For Inlet Elbow, Add	*2,344.81*	
		For Stand, Add	*3,055.53*	
22 13 33 00-0115	EA	30 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3171) Note: FLS and 50' electrical cable	65,900.59	799.03
		For Inlet Elbow, Add	*2,344.81*	
		For Stand, Add	*1,902.71*	
22 13 33 00-0116	EA	34 To 35 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3171) Note: FLS and 50' electrical cable	80,628.92	838.99
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*1,902.71*	
22 13 33 00-0117	EA	34 To 45 HP, 4" To 12" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3202) Note: FLS and 50' electrical cable	106,437.75	878.94
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*4,376.23*	
22 13 33 00-0118	EA	50 To 60 HP, 4" To 12" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3202) Note: FLS and 50' electrical cable	130,205.13	1,038.74
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*4,376.23*	
22 13 33 00-0119	EA	67 To 72 HP, 4" To 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3202) Note: FLS and 50' electrical cable	126,098.53	1,078.69
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*1,968.00*	
22 13 33 00-0120	EA	60 To 70 HP, 10" To 14" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3301) Note: FLS and 50' electrical cable	129,871.38	1,118.64
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*4,439.65*	
22 13 33 00-0121	EA	85 HP, 6" To 12" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3301) Note: FLS and 50' electrical cable	143,028.21	1,198.55
		For Inlet Elbow, Add	*3,167.45*	
		For Stand, Add	*4,439.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0122	EA	105 HP, 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3301)	147,384.09	1,278.45
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*4,159.84*	
		For Stand, Add	*4,100.15*	
22 13 33 00-0123	EA	70 To 90 HP, 14" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3315)	145,826.14	1,118.64
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*7,534.35*	
		For Stand, Add	*4,439.65*	
22 13 33 00-0124	EA	110 To 140 HP, 10" To 12" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3315)	182,632.84	1,358.35
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*7,534.35*	
		For Stand, Add	*4,439.65*	
22 13 33 00-0125	EA	130 To 160 HP, 6" Discharge, Dry Pit Submersible Vertical Explosion Proof Pump With Shielded Power Cable (Flygt NT3315)	167,161.54	1,518.15
		Note: FLS and 50' electrical cable		
		For Inlet Elbow, Add	*7,534.35*	
		For Stand, Add	*4,100.15*	
22 13 33 00-0126		Dry Pit Submersible Horizontal Pumps (Flygt) *(22 13 33 00-0001)*		
22 13 33 00-0127		Dry Pit Submersible Horizontal Non-Explosion Proof Pumps (Flygt) *(22 13 33 00-0126)*		
22 13 33 00-0128	EA	3 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3085)	12,379.27	239.71
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,311.08*	
22 13 33 00-0129	EA	4 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3085)	10,886.10	279.67
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,311.08*	
22 13 33 00-0130	EA	5 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3102)	14,640.30	319.61
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,199.16*	
22 13 33 00-0131	EA	7 HP, 3" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3102)	14,226.33	399.51
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,199.16*	
22 13 33 00-0132	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3127)	21,838.19	439.46
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,544.26*	
22 13 33 00-0133	EA	10 To 12 HP, 3" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3127)	24,366.82	479.42
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,544.26*	
22 13 33 00-0134	EA	15 To 17 HP, 3" To 10" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3153)	40,892.56	559.32
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*6,640.82*	
		For Horizontal Service Car, Add	*6,612.84*	
22 13 33 00-0135	EA	20 To 23 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3153)	44,468.68	639.23
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*6,640.82*	
		For Horizontal Service Car, Add	*6,612.84*	
22 13 33 00-0136	EA	18 To 25 HP, 4" To 10" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3171)	55,935.46	719.13
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,465.62*	
		For Horizontal Service Car, Add	*8,817.75*	
22 13 33 00-0137	EA	30 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3171)	60,224.18	799.03
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,465.62*	
		For Horizontal Service Car, Add	*8,817.75*	
22 13 33 00-0138	EA	34 To 35 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3171)	74,956.24	838.99
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,465.62*	
		For Horizontal Service Car, Add	*8,817.75*	
22 13 33 00-0139	EA	34 To 45 HP, 4" To 12" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3202)	100,759.47	878.94
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,685.45*	
		For Horizontal Service Car, Add	*10,073.16*	
22 13 33 00-0140	EA	50 To 60 HP, 4" To 12" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3202)	124,528.72	1,038.74
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,685.45*	
		For Horizontal Service Car, Add	*10,073.16*	
22 13 33 00-0141	EA	67 To 72 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3202)	119,144.32	1,078.69
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,685.45*	
		For Horizontal Service Car, Add	*10,073.16*	
22 13 33 00-0142	EA	60 To 70 HP, 10" To 14" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3301)	119,374.77	1,118.64
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*10,390.28*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0143	EA	85 HP, 6" To 12" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3301)	126,933.54	1,198.55
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*10,390.28*	
		For Horizontal Service Car, Add	*12,964.53*	

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SAN BERNARDINO COUNTY

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0144		EA	105 HP, 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3301)	135,022.08	1,278.45
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*10,390.28*	
			For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0145		EA	70 To 90 HP, 14" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3315)	135,143.00	1,118.64
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*12,731.36*	
			For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0146		EA	110 To 140 HP, 10" To 12" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3315)	171,949.69	1,358.35
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*12,731.36*	
			For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0147		EA	130 To 160 HP, 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump (Flygt NZ3315)	156,282.52	1,518.15
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*12,731.36*	
			For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0148		EA	3 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3085)	13,265.34	239.71
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*3,311.08*	
22 13 33 00-0149		EA	4 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3085)	11,772.16	279.67
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*3,311.08*	
22 13 33 00-0150		EA	5 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3102)	16,141.95	319.61
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*3,199.16*	
22 13 33 00-0151		EA	7 HP, 3" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3102)	15,727.98	399.51
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*3,199.16*	
22 13 33 00-0152		EA	7.5 To 8.5 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3127)	23,339.83	439.46
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*3,544.26*	
22 13 33 00-0153		EA	10 To 12 HP, 3" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3127)	25,868.47	479.42
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*3,544.26*	
22 13 33 00-0154		EA	12 To 14 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3153)	38,423.62	519.37
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*6,640.82*	
			For Horizontal Service Car, Add	*6,612.84*	
22 13 33 00-0155		EA	15 To 17 HP, 3" To 10" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3153)	42,478.15	559.32
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*6,640.82*	
			For Horizontal Service Car, Add	*6,612.84*	
22 13 33 00-0156		EA	20 To 23 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3153)	46,054.27	639.23
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*6,640.82*	
			For Horizontal Service Car, Add	*6,612.84*	
22 13 33 00-0157		EA	18 To 25 HP, 4" To 10" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3171)	58,575.00	719.13
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*5,465.62*	
			For Horizontal Service Car, Add	*8,817.75*	
22 13 33 00-0158		EA	30 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3171)	62,863.72	799.03
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*5,465.62*	
			For Horizontal Service Car, Add	*8,817.75*	
22 13 33 00-0159		EA	34 To 35 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3171)	77,595.78	838.99
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*5,465.62*	
			For Horizontal Service Car, Add	*8,817.75*	
22 13 33 00-0160		EA	34 To 45 HP, 4" To 12" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3202)	103,399.01	878.94
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*7,685.45*	
			For Horizontal Service Car, Add	*10,073.16*	
22 13 33 00-0161		EA	50 To 60 HP, 4" To 12" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3202)	127,168.26	1,038.74
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*7,685.45*	
			For Horizontal Service Car, Add	*10,073.16*	
22 13 33 00-0162		EA	67 To 72 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3202)	123,061.66	1,078.69
			Note: FLS and 50' electrical cable		
			For Steel Z Stand Kit, Add	*7,685.45*	
			For Horizontal Service Car, Add	*10,073.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0163	EA	60 To 70 HP, 10" To 14" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3301)	123,292.11	1,118.64
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*10,390.28*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0164	EA	85 HP, 6" To 12" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3301)	130,850.88	1,198.55
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*10,390.28*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0165	EA	105 HP, 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3301)	138,939.42	1,278.45
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*10,390.28*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0166	EA	70 To 90 HP, 14" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3315)	139,060.34	1,118.64
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*12,731.36*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0167	EA	110 To 140 HP, 10" To 12" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3315)	175,867.03	1,358.35
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*12,731.36*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0168	EA	130 To 160 HP, 6" Discharge, Dry Pit Submersible Horizontal Non-Explosion Proof Pump With Shielded Power Cable (Flygt NZ3315)	160,395.73	1,518.15
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*12,731.36*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0169		**Dry Pit Submersible Horizontal Explosion Proof Pumps (Flygt)** *(22 13 33 00-0126)*		
22 13 33 00-0170	EA	3 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3085)	14,052.53	239.71
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,311.08*	
22 13 33 00-0171	EA	4 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3085)	12,559.36	279.67
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,311.08*	
22 13 33 00-0172	EA	5 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3102)	16,313.56	319.61
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,199.16*	
22 13 33 00-0173	EA	7 HP, 3" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3102)	15,899.60	399.51
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,199.16*	
22 13 33 00-0174	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3127)	23,899.45	439.46
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,544.26*	
22 13 33 00-0175	EA	10 To 12 HP, 3" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3127)	26,428.09	479.42
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,544.26*	
22 13 33 00-0176	EA	12 To 14 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3153)	39,104.49	519.37
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*6,640.82*	
		For Horizontal Service Car, Add	*6,612.84*	
22 13 33 00-0177	EA	15 To 17 HP, 3" To 10" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3153)	43,159.02	559.32
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*6,640.82*	
		For Horizontal Service Car, Add	*6,612.84*	
22 13 33 00-0178	EA	20 To 23 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3153)	46,735.14	639.23
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*6,640.82*	
		For Horizontal Service Car, Add	*6,612.84*	
22 13 33 00-0179	EA	18 To 25 HP, 4" To 10" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3171)	58,972.33	719.13
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,465.62*	
		For Horizontal Service Car, Add	*8,817.75*	
22 13 33 00-0180	EA	30 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3171)	63,261.05	799.03
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,465.62*	
		For Horizontal Service Car, Add	*8,817.75*	
22 13 33 00-0181	EA	34 To 35 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3171)	77,993.11	838.99
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,465.62*	
		For Horizontal Service Car, Add	*8,817.75*	
22 13 33 00-0182	EA	34 To 45 HP, 4" To 12" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3202)	103,796.34	878.94
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,685.45*	
		For Horizontal Service Car, Add	*10,073.16*	
22 13 33 00-0183	EA	50 To 60 HP, 4" To 12" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3202)	127,565.59	1,038.74
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,685.45*	
		For Horizontal Service Car, Add	*10,073.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0184	EA	67 To 72 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3202)	122,181.19	1,078.69
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,685.45*	
		For Horizontal Service Car, Add	*10,073.16*	
22 13 33 00-0185	EA	60 To 70 HP, 10" To 14" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3301)	125,954.04	1,118.64
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*10,390.28*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0186	EA	85 HP, 6" To 12" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3301)	133,512.80	1,198.55
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*10,390.28*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0187	EA	105 HP, 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3301)	141,601.35	1,278.45
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*10,390.28*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0188	EA	70 To 90 HP, 14" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3315)	141,908.80	1,118.64
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*12,731.36*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0189	EA	110 To 140 HP, 10" To 12" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3315)	178,715.50	1,358.35
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*12,731.36*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0190	EA	130 To 160 HP, 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump (Flygt NZ3315)	163,048.33	1,518.15
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*12,731.36*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0191	EA	3 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3085)	14,938.60	239.71
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,311.08*	
22 13 33 00-0192	EA	4 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3085)	13,445.43	279.67
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,311.08*	
22 13 33 00-0193	EA	5 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3102)	17,815.21	319.61
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,199.16*	
22 13 33 00-0194	EA	7 HP, 3" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3102)	17,401.24	399.51
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,199.16*	
22 13 33 00-0195	EA	7.5 To 8.5 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3127)	25,401.10	439.46
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,544.26*	
22 13 33 00-0196	EA	10 To 12 HP, 3" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3127)	27,929.73	479.42
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*3,544.26*	
22 13 33 00-0197	EA	12 To 14 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3153)	40,690.08	519.37
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*6,640.82*	
		For Horizontal Service Car, Add	*6,612.84*	
22 13 33 00-0198	EA	15 To 17 HP, 3" To 10" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3153)	44,744.61	559.32
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*6,640.82*	
		For Horizontal Service Car, Add	*6,612.84*	
22 13 33 00-0199	EA	20 To 23 HP, 3" To 4" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3153)	48,320.73	639.23
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*6,640.82*	
		For Horizontal Service Car, Add	*6,612.84*	
22 13 33 00-0200	EA	18 To 25 HP, 4" To 10" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3171)	61,611.87	719.13
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,465.62*	
		For Horizontal Service Car, Add	*8,817.75*	
22 13 33 00-0201	EA	30 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3171)	65,900.59	799.03
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,465.62*	
		For Horizontal Service Car, Add	*8,817.75*	
22 13 33 00-0202	EA	34 To 35 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3171)	80,632.66	838.99
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*5,465.62*	
		For Horizontal Service Car, Add	*8,817.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0203	EA	34 To 45 HP, 4" To 12" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3202)	106,435.88	878.94
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,685.45*	
		For Horizontal Service Car, Add	*10,073.16*	
22 13 33 00-0204	EA	50 To 60 HP, 4" To 12" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3202)	130,205.13	1,038.74
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,685.45*	
		For Horizontal Service Car, Add	*10,073.16*	
22 13 33 00-0205	EA	67 To 72 HP, 4" To 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3202)	126,098.53	1,078.69
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*7,685.45*	
		For Horizontal Service Car, Add	*10,073.16*	
22 13 33 00-0206	EA	60 To 70 HP, 10" To 14" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3301)	129,871.38	1,118.64
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*10,390.28*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0207	EA	85 HP, 6" To 12" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3301)	137,430.14	1,198.55
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*10,390.28*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0208	EA	105 HP, 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3301)	145,518.69	1,278.45
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*10,390.28*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0209	EA	70 To 90 HP, 14" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3315)	145,826.14	1,118.64
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*12,731.36*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0210	EA	110 To 140 HP, 10" To 12" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3315)	182,632.84	1,358.35
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*12,731.36*	
		For Horizontal Service Car, Add	*12,964.53*	
22 13 33 00-0211	EA	130 To 160 HP, 6" Discharge, Dry Pit Submersible Horizontal Explosion Proof Pump With Shielded Power Cable (Flygt NZ3315)	167,161.54	1,518.15
		Note: FLS and 50' electrical cable		
		For Steel Z Stand Kit, Add	*12,731.36*	
		For Horizontal Service Car, Add	*12,964.53*	

22 13 33 00-0212 Submersible Pump Add-On Accessories (Flygt) *(22 13 33 00-0001)*

22 13 33 00-0213	EA	3" Stainless Steel Discharge Connection Package for 2" Guide Rails	3,917.34
		Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	
22 13 33 00-0214	EA	4" Stainless Steel Discharge Connection Package for 2" Guide Rails	4,290.42
		Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	
22 13 33 00-0215	EA	6" Stainless Steel Discharge Connection Package for 2" Guide Rails	4,663.50
		Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	
22 13 33 00-0216	EA	8" Stainless Steel Discharge Connection Package for 2" Guide Rails	5,876.01
		Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	
22 13 33 00-0217	EA	6" Stainless Steel Discharge Connection Package for 3" Guide Rails	11,752.02
		Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	
22 13 33 00-0218	EA	8" Stainless Steel Discharge Connection Package for 3" Guide Rails	11,752.02
		Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	
22 13 33 00-0219	EA	10" Stainless Steel Discharge Connection Package for 3" Guide Rails	12,964.53
		Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	
22 13 33 00-0220	EA	12" Stainless Steel Discharge Connection Package for 3" Guide Rails	16,881.87
		Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	
22 13 33 00-0221	EA	14" Stainless Steel Discharge Connection Package for 3" Guide Rails	19,586.70
		Note: Includes cast iron discharge connection, stainless steel upper guide bar bracket, stainless steel safety hook, and stainless steel 20' lifting cable	
22 13 33 00-0222	EA	Mini CAS Unit: Thermal and Seal Protection Relay Unit Price	960.68

22 13 33 00-0223 Submersible Pumps (Vaughan) *(22 13 33)*

22 13 33 00-0224 Electric Submersible Pumps (Vaughan) *(22 13 33 00-0223)*

22 13 33 00-0225	EA	5 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3F/3G)	17,279.84	319.61
22 13 33 00-0226	EA	7.5 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3F/3G)	19,471.84	399.51
22 13 33 00-0227	EA	5 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3L/3M)	19,272.09	319.61
22 13 33 00-0228	EA	7.5 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3L/3M)	21,240.24	399.51

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0229	EA	10 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3L/3M)	23,210.27	479.42
22 13 33 00-0230	EA	15 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3L/3M)	25,512.34	559.32
22 13 33 00-0231	EA	7.5 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3P)	22,346.42	399.51
22 13 33 00-0232	EA	10 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3P)	24,206.39	479.42
22 13 33 00-0233	EA	15 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3P)	26,396.54	559.32
22 13 33 00-0234	EA	20 HP, 1750 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3P)	27,702.47	639.23
22 13 33 00-0235	EA	15 HP, 3510 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3V/3W)	27,060.62	559.32
22 13 33 00-0236	EA	20 HP, 3510 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3V/3W)	28,366.55	639.23
22 13 33 00-0237	EA	25 HP, 3510 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3V/3W)	32,326.96	719.13
22 13 33 00-0238	EA	30 HP, 3510 RPM, 230/460 Volt, 3" Electric Submersible Pump (Vaughan 3V/3W)	34,075.00	799.03
22 13 33 00-0239	EA	5 HP, 870 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	27,235.48	319.61
22 13 33 00-0240	EA	5 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	23,142.79	319.61
22 13 33 00-0241	EA	5 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	20,764.41	319.61
22 13 33 00-0242	EA	7.5 HP, 870 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	29,093.57	399.51
22 13 33 00-0243	EA	7.5 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	25,000.88	399.51
22 13 33 00-0244	EA	7.5 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	22,788.52	399.51
22 13 33 00-0245	EA	10 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	26,528.82	479.42
22 13 33 00-0246	EA	10 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	24,648.49	479.42
22 13 33 00-0247	EA	15 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	26,838.64	559.32
22 13 33 00-0248	EA	20 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	28,256.49	639.23
22 13 33 00-0249	EA	25 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4K/4L)	31,662.87	719.13
22 13 33 00-0250	EA	5 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	24,913.06	319.61
22 13 33 00-0251	EA	7.5 HP, 870 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	30,863.83	399.51
22 13 33 00-0252	EA	7.5 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	26,771.15	399.51
22 13 33 00-0253	EA	10 HP, 870 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	31,617.63	479.42
22 13 33 00-0254	EA	10 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	28,299.08	479.42
22 13 33 00-0255	EA	15 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	32,037.51	559.32
22 13 33 00-0256	EA	15 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	28,608.90	559.32
22 13 33 00-0257	EA	20 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	33,675.48	639.23
22 13 33 00-0258	EA	20 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	29,472.73	639.23
22 13 33 00-0259	EA	25 HP, 1170 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	37,415.77	719.13
22 13 33 00-0260	EA	25 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	32,991.04	719.13
22 13 33 00-0261	EA	30 HP, 1750 RPM, 230/460 Volt, 4" Electric Submersible Pump (Vaughan 4S/4T)	36,951.45	799.03
22 13 33 00-0262	EA	5 HP, 870 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	34,978.75	319.61
22 13 33 00-0263	EA	7.5 HP, 870 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	37,278.94	399.51
22 13 33 00-0264	EA	7.5 HP, 1170 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	33,186.26	399.51
22 13 33 00-0265	EA	10 HP, 870 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	37,922.68	479.42
22 13 33 00-0266	EA	10 HP, 1170 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	34,604.13	479.42
22 13 33 00-0267	EA	15 HP, 870 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	45,531.81	559.32
22 13 33 00-0268	EA	15 HP, 1170 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	38,342.56	559.32
22 13 33 00-0269	EA	20 HP, 1170 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	39,870.47	639.23
22 13 33 00-0270	EA	25 HP, 1170 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	43,608.90	719.13
22 13 33 00-0271	EA	25 HP, 1750 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	39,184.17	719.13
22 13 33 00-0272	EA	30 HP, 1170 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	45,578.92	799.03
22 13 33 00-0273	EA	30 HP, 1750 RPM, 230/460 Volt, 6" Electric Submersible Pump (Vaughan 6U/6W/6X)	43,144.57	799.03
22 13 33 00-0274	EA	10 HP, 870 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	40,797.26	479.42
22 13 33 00-0275	EA	15 HP, 870 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	48,408.26	559.32
22 13 33 00-0276	EA	15 HP, 1170 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	41,108.95	559.32
22 13 33 00-0277	EA	20 HP, 870 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	57,125.42	639.23
22 13 33 00-0278	EA	20 HP, 1170 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	42,745.05	639.23
22 13 33 00-0279	EA	25 HP, 870 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	57,767.28	719.13
22 13 33 00-0280	EA	25 HP, 1170 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	46,485.34	719.13
22 13 33 00-0281	EA	30 HP, 870 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	60,621.51	799.03
22 13 33 00-0282	EA	30 HP, 1170 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8N)	48,343.44	799.03
22 13 33 00-0283	EA	30 HP, 1170 RPM, 230/460 Volt, 8" Electric Submersible Pump (Vaughan 8P)	48,343.44	799.03
22 13 33 00-0284	EA	25 HP, 870 RPM, 230/460 Volt, 10" Electric Submersible Pump (Vaughan 10R)	66,174.64	719.13
22 13 33 00-0285	EA	30 HP, 870 RPM, 230/460 Volt, 10" Electric Submersible Pump (Vaughan 10R)	69,028.86	799.03
22 13 33 00-0286	EA	30 HP, 1170 RPM, 230/460 Volt, 10" Electric Submersible Pump (Vaughan 10R)	57,082.84	799.03

22 13 33 00-0287 Horizontal Chopper Pumps (Vaughan) *(22 13 33 00-0223)*

22 13 33 00-0288	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan HE3F6/HE3G6)	17,701.57	499.39
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
		For Base, Deduct	*-1,025.97*	
22 13 33 00-0289	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan HE3L6/HE3M6)	18,585.77	499.39
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
		For Base, Deduct	*-1,025.97*	
22 13 33 00-0290	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan HE3P6)	19,027.87	499.39
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
		For Base, Deduct	*-1,025.97*	
22 13 33 00-0291	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan HE3V6/HE3W6)	19,027.87	499.39
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
		For Base, Deduct	*-1,025.97*	
22 13 33 00-0292	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan HE4K6/HE4L6)	19,671.61	599.27
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
		For Base, Deduct	*-1,025.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0293	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan HE4S6/HE4T6)	20,555.81	599.27
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
		For Base, Deduct	*-1,025.97*	
22 13 33 00-0294	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan HE6U8)	22,625.70	749.09
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
		For Base, Deduct	*-1,025.97*	
22 13 33 00-0295	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan HE6W8/6X)	22,625.70	749.09
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
		For Base, Deduct	*-1,025.97*	
22 13 33 00-0296	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan HE3F6/HE3G6)	18,143.67	499.39
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
		For Base, Deduct	*-1,025.97*	
22 13 33 00-0297	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan HE3L6/HE3M6)	19,027.87	499.39
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
		For Base, Deduct	*-1,025.97*	
22 13 33 00-0298	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan HE3P6)	19,471.84	499.39
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
		For Base, Deduct	*-1,025.97*	
22 13 33 00-0299	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan HE3V6/HE3W6)	19,471.84	499.39
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
		For Base, Deduct	*-1,025.97*	
22 13 33 00-0300	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan HE4K6/HE4L6)	20,113.71	599.27
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
		For Base, Deduct	*-1,025.97*	
22 13 33 00-0301	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan HE4S6/HE4T6)	20,997.91	599.27
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
		For Base, Deduct	*-1,025.97*	
22 13 33 00-0302	EA	3" - 6", Ductile Iron And Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan HE6U8)	23,067.80	749.09
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
		For Base, Deduct	*-1,025.97*	
22 13 33 00-0303	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan STHE3F6/STHE3G6)	25,112.81	499.39
22 13 33 00-0304	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan STHE3L6/STHE3M6)	26,218.99	499.39
22 13 33 00-0305	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan STHE3P6)	27,325.17	499.39
22 13 33 00-0306	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan STHE3V6/STHE3W6)	27,325.17	499.39
22 13 33 00-0307	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan STHE4K6/STHE4L6)	27,967.04	599.27
22 13 33 00-0308	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan STHE4S6/STHE4T6)	34,160.17	599.27
22 13 33 00-0309	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan STHE6U8)	41,760.97	749.09
22 13 33 00-0310	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Packing (Vaughan STHE6W8/6X)	41,760.97	749.09
22 13 33 00-0311	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan STHE3F6/STHE3G6)	25,554.91	499.39
22 13 33 00-0312	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan STHE3L6/STHE3M6)	26,661.09	499.39
22 13 33 00-0313	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan STHE3P6)	27,767.27	499.39
22 13 33 00-0314	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan STHE3V6/STHE3W6)	27,767.27	499.39
22 13 33 00-0315	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan STHE4K6/STHE4L6)	28,409.14	599.27
22 13 33 00-0316	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan STHE4S6/STHE4T6)	34,604.13	599.27
22 13 33 00-0317	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan STHE6U8)	42,203.07	749.09
22 13 33 00-0318	EA	3" - 6", Stainless Steel, Horizontal Chopper Pump With Mechanical Seal (Vaughan STHE6W8/6X)	42,203.07	749.09

22 13 33 00-0319 Horizontal End Suction Pumps (Vaughan) *(22 13 33 00-0223)*

22 13 33 00-0320	EA	8" - 12", Upgraded Roller Thrust And Radial Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 8K-HES)	36,309.59	898.90
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-1,865.40*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0321	EA	8" - 12", Upgraded Roller Thrust And Radial Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 8K-HET)	38,521.95	898.90
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-1,865.40*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0322	EA	8" - 12", Standard Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 8P-HE)	44,937.06	898.90
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-1,865.40*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0323	EA	8" - 12", Standard Roller Thrust And Radial Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 8P-HER)	44,937.06	898.90
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-1,865.40*	
		For Coupling, Deduct	*-373.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0324	EA	8" - 12", Upgraded Roller Thrust And Radial Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 8P-HES)	47,149.42	898.90
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-1,865.40*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0325	EA	8" - 12", Standard Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 8N-HE)	44,937.06	898.90
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-1,865.40*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0326	EA	8" - 12", Standard Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 10R-HE)	61,043.24	1,098.67
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-2,051.94*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0327	EA	8" - 12", Standard Roller Thrust And Radial Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 10R-HER)	61,043.24	1,098.67
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-2,051.94*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0328	EA	8" - 12", Standard Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 12W-HE)	72,504.58	1,298.43
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-2,238.48*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0329	EA	8" - 12", Standard Roller Thrust And Radial Bearing, Ductile Iron And Stainless Steel, Horizontal End Suction Pump (Vaughan 12W-HER)	72,504.58	1,298.43
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-2,238.48*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0330	EA	8" - 12", Upgraded Roller Thrust And Radial Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 8K-HES)	59,759.53	898.90
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-1,865.40*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0331	EA	8" - 12", Upgraded Roller Thrust And Radial Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 8K-HET)	61,971.89	898.90
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-1,865.40*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0332	EA	8" - 12", Standard Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 8P-HE)	76,572.38	898.90
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-1,865.40*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0333	EA	8" - 12", Standard Roller Thrust And Radial Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 8P-HER)	76,572.38	898.90
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-1,865.40*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0334	EA	8" - 12", Upgraded Roller Thrust And Radial Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 8P-HES)	78,784.74	898.90
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-1,865.40*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0335	EA	8" - 12", Standard Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 8N-HE)	76,572.38	898.90
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-1,865.40*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0336	EA	8" - 12", Standard Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 10R-HE)	100,199.85	1,098.67
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-2,051.94*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0337	EA	8" - 12", Standard Roller Thrust And Radial Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 10R-HER)	100,199.85	1,098.67
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-2,051.94*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0338	EA	8" - 12", Standard Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 12W-HE)	117,412.22	1,298.43
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-2,238.48*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0339	EA	8" - 12", Standard Roller Thrust And Radial Bearing, Stainless Steel, Horizontal End Suction Pump (Vaughan 12W-HER)	117,412.22	1,298.43
		For Stool, Deduct	*-932.70*	
		For No Base, Deduct	*-2,238.48*	
		For Coupling, Deduct	*-373.08*	
22 13 33 00-0340		Vertical Pedestal Chopper Pumps (Vaughan) *(22 13 33 00-0223)*		
22 13 33 00-0341	EA	3" - 6", Vertical Pedestal Chopper Pump With Packing (Vaughan PE3F6/PE3G6)	17,701.57	499.39
		For Pedestal, Deduct	*-1,025.97*	
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
22 13 33 00-0342	EA	3" - 6", Vertical Pedestal Chopper Pump With Packing (Vaughan PE3L6/PE3M6)	18,585.77	499.39
		For Pedestal, Deduct	*-1,025.97*	
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0343	EA	3" - 6", Vertical Pedestal Chopper Pump With Packing (Vaughan PE3P6)	19,027.87	499.39
		For Pedestal, Deduct	*-1,025.97*	
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
22 13 33 00-0344	EA	3" - 6", Vertical Pedestal Chopper Pump With Packing (Vaughan PE3V6/PE3W6)	19,027.87	499.39
		For Pedestal, Deduct	*-1,025.97*	
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
22 13 33 00-0345	EA	3" - 6", Vertical Pedestal Chopper Pump With Packing (Vaughan PE4K6/PE4L6)	19,671.61	599.27
		For Pedestal, Deduct	*-1,168.83*	
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
22 13 33 00-0346	EA	3" - 6", Vertical Pedestal Chopper Pump With Packing (Vaughan PE4S6/PE4T6)	20,555.81	599.27
		For Pedestal, Deduct	*-1,168.83*	
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
22 13 33 00-0347	EA	3" - 6", Vertical Pedestal Chopper Pump With Packing (Vaughan PE6U8)	23,067.80	749.09
		For pedestal, Deduct	*-1,492.32*	
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
22 13 33 00-0348	EA	Ductile Iron And Stainless Steel, Upgraded Roller Thrust And Radial Bearing, Vertical Dry Pit Pedestal (Vaughan 8K-PES)	36,971.80	898.90
		For No Stool, Deduct	*-932.70*	
		For No Coupling, Deduct	*-373.08*	
		For No Pedestal, Deduct	*-2,238.48*	
22 13 33 00-0349	EA	3" - 6", Vertical Pedestal Chopper Pump With Mechanical Seal (Vaughan PE3F6/PE3G6)	18,143.67	499.39
		For Pedestal, Deduct	*-1,025.97*	
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
22 13 33 00-0350	EA	Ductile Iron And Stainless Steel, Standard Bearing, Vertical Dry Pit Pedestal (Vaughan 8P-PE)	45,821.26	898.90
		For No Stool, Deduct	*-932.70*	
		For No Coupling, Deduct	*-373.08*	
		For No Pedestal, Deduct	*-2,238.48*	
		For Stool, Deduct	*-932.70*	
22 13 33 00-0351	EA	3" - 6", Vertical Pedestal Chopper Pump With Mechanical Seal (Vaughan PE3L6/PE3M6)	19,027.87	499.39
		For Pedestal, Deduct	*-1,025.97*	
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
22 13 33 00-0352	EA	Ductile Iron And Stainless Steel, Standard Roller Thrust And Radial Bearing, Vertical Dry Pit Pedestal (Vaughan 8P-PER)	45,821.26	898.90
		For No Stool, Deduct	*-932.70*	
		For No Coupling, Deduct	*-373.08*	
		For No Pedestal, Deduct	*-2,238.48*	
22 13 33 00-0353	EA	3" - 6", Vertical Pedestal Chopper Pump With Mechanical Seal (Vaughan PE3P6)	19,471.84	499.39
		For Pedestal, Deduct	*-1,025.97*	
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
22 13 33 00-0354	EA	Ductile Iron And Stainless Steel, Standard Bearing, Vertical Dry Pit Pedestal (Vaughan 8N-PE)	45,821.26	898.90
		For No Stool, Deduct	*-932.70*	
		For No Coupling, Deduct	*-373.08*	
		For No Pedestal, Deduct	*-2,238.48*	
22 13 33 00-0355	EA	3" - 6", Vertical Pedestal Chopper Pump With Mechanical Seal (Vaughan PE3V6/PE3W6)	19,471.84	499.39
		For Pedestal, Deduct	*-1,025.97*	
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
22 13 33 00-0356	EA	Ductile Iron And Stainless Steel, Standard Bearing, Vertical Dry Pit Pedestal (Vaughan 10R-PE)	62,591.52	1,098.67
		For No Stool, Deduct	*-932.70*	
		For No Coupling, Deduct	*-373.08*	
		For No Pedestal, Deduct	*-2,425.02*	
22 13 33 00-0357	EA	3" - 6", Vertical Pedestal Chopper Pump With Mechanical Seal (Vaughan PE4K6/PE4L6)	20,113.71	599.27
		For Pedestal, Deduct	*-1,168.83*	
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
22 13 33 00-0358	EA	Ductile Iron And Stainless Steel, Standard Bearing, Vertical Dry Pit Pedestal (Vaughan 12W-PE)	74,052.86	1,298.43
		For No Stool, Deduct	*-932.70*	
		For No Coupling, Deduct	*-373.08*	
		For No Pedestal, Deduct	*-2,611.56*	
22 13 33 00-0359	EA	3" - 6", Vertical Pedestal Chopper Pump With Mechanical Seal (Vaughan PE4S6/PE4T6)	20,997.91	599.27
		For Pedestal, Deduct	*-1,168.83*	
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	
22 13 33 00-0360	EA	3" - 6", Vertical Pedestal Chopper Pump With Mechanical Seal (Vaughan PE6W8/6X)	23,509.90	749.09
		For pedestal, Deduct	*-1,492.32*	
		For Stool, Deduct	*-652.89*	
		For Coupling, Deduct	*-186.54*	

22 13 33 00-0361 Submersible Pump Accessories (Vaughan) *(22 13 33)*

22 13 33 00-0362	EA	Guide Rail Adapter Bracket For 3" Submersible Pump	1,106.18	
22 13 33 00-0363	EA	Discharge Elbow Base For 3" Submersible Pump	1,634.17	57.33
22 13 33 00-0364	EA	Top Guide Rail And Lift Chain Bracket For 3" Submersible Pump	463.26	10.45
22 13 33 00-0365	EA	Intermediate Guide Rail Support Bracket (Every 10') For 3" Sumbersible Pump	442.10	
22 13 33 00-0366	EA	Class 1, Guide Rail Adapter Bracket For 3" Submersible Pump	2,876.45	
22 13 33 00-0367	EA	Class 1, Discharge Elbow Base For 3" Submersible Pump	1,548.28	
22 13 33 00-0368	EA	Class 1, Top Guide Rail And Lift Chain Bracket For 3" Submersible Pump	463.26	10.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0369	EA	Class 1, Intermediate Guide Rail Support Bracket (Every 10') For 3" Submersible Pump	442.10	
22 13 33 00-0370	EA	25', 316 Stainless Steel, Safety Lift Cable With Stainless Steel Clevis For 3" Submersible Pump	774.14	
22 13 33 00-0371	EA	25', Galvanized, Safety Chain With Hook For 3" Submersible Pump	664.08	
22 13 33 00-0372	EA	25", 316 Stainless Steel, Safety Chain With Clevis For 3" Submersible Pump	1,548.28	
22 13 33 00-0373	LF	Galvanized Pipe, Guide Rails For 3" Submersible Pump	88.31	10.45
22 13 33 00-0374	LF	316 Stainless Steel Pipe, Guide Rails For 3" Submersible Pump	164.80	10.45
22 13 33 00-0375	EA	Stainless Steel, Cable Holder Bracket For 3" Submersible Pump	552.16	
22 13 33 00-0376	EA	Guide Rail Adapter Bracket For 4" Submersible Pump	1,328.16	
22 13 33 00-0377	EA	Discharge Elbow Base For 4" Submersible Pump	1,870.14	66.62
22 13 33 00-0378	EA	Top Guide Rail And Lift Chain Bracket For 4" Submersible Pump	463.26	10.45
22 13 33 00-0379	EA	Intermediate Guide Rail Support Bracket (Every 10') For 4" Submersible Pump	464.48	
22 13 33 00-0380	EA	Class 1, Guide Rail Adapter Bracket For 4" Submersible Pump	3,096.56	
22 13 33 00-0381	EA	Class 1, Discharge Elbow Base For 4" Submersible Pump	1,770.26	
22 13 33 00-0382	EA	Class 1, Top Guide Rail And Lift Chain Bracket For 4" Submersible Pump	463.26	10.45
22 13 33 00-0383	EA	Class 1, Intermediate Guide Rail Support Bracket (Every 10') For 4" Submersible Pump	464.48	
22 13 33 00-0384	EA	25', 316 Stainless Steel, Safety Lift Cable With Stainless Steel Clevis For 4" Submersible Pump	774.14	
22 13 33 00-0385	EA	25', Galvanized, Safety Chain With Hook For 4" Submersible Pump	664.08	
22 13 33 00-0386	EA	25", 316 Stainless Steel, Safety Chain With Clevis For 4" Submersible Pump	1,548.28	
22 13 33 00-0387	EA	Galvanized Pipe, Guide Rails For 4" Submersible Pump	67.15	
22 13 33 00-0388	EA	316 Stainless Steel Pipe, Guide Rails For 4" Submersible Pump	164.80	10.45
22 13 33 00-0389	EA	Stainless Steel, Cable Holder Bracket For 4" Submersible Pump	552.16	
22 13 33 00-0390	EA	Portable Stand For 4" Submersible Pump	884.20	
22 13 33 00-0391	EA	Guide Rail Adapter Bracket For 6" Submersible Pump	1,548.28	
22 13 33 00-0392	EA	Discharge Elbow Base For 6" Submersible Pump	2,342.20	86.60
22 13 33 00-0393	EA	Top Guide Rail And Lift Chain Bracket For 6" Submersible Pump	463.26	10.45
22 13 33 00-0394	EA	Intermediate Guide Rail Support Bracket (Every 10') For 6" Sumbersible Pump	486.87	
22 13 33 00-0395	EA	Class 1, Guide Rail Adapter Bracket For 6" Submersible Pump	3,318.55	
22 13 33 00-0396	EA	Class 1, Discharge Elbow Base For 6" Submersible Pump	2,212.36	
22 13 33 00-0397	EA	Class 1, Top Guide Rail And Lift Chain Bracket For 6" Submersible Pump	463.26	10.45
22 13 33 00-0398	EA	Class 1, Intermediate Guide Rail Support Bracket (Every 10') For 6" Submersible Pump	486.87	
22 13 33 00-0399	EA	25', 316 Stainless Steel, Safety Lift Cable With Stainless Steel Clevis For 6" Submersible Pump	774.14	
22 13 33 00-0400	EA	25', Galvanized, Safety Chain With Hook For 6" Submersible Pump	664.08	
22 13 33 00-0401	EA	25", 316 Stainless Steel, Safety Chain With Clevis For 6" Submersible Pump	1,548.28	
22 13 33 00-0402	EA	Galvanized Pipe, Guide Rails For 6" Submersible Pump	67.15	
22 13 33 00-0403	EA	316 Stainless Steel Pipe, Guide Rails For 6" Submersible Pump	164.80	10.45
22 13 33 00-0404	EA	Stainless Steel, Cable Holder Bracket For 6" Submersible Pump	552.16	
22 13 33 00-0405	EA	Portable Stand For 6" Submersible Pump	884.20	
22 13 33 00-0406	EA	Guide Rail Adapter Bracket For 8" Submersible Pump	1,990.38	
22 13 33 00-0407	EA	Discharge Elbow Base For 8" Submersible Pump	3,462.37	95.88
22 13 33 00-0408	EA	Intermediate Guide Rail Support Bracket (Every 10') For 8" Sumbersible Pump	774.14	
22 13 33 00-0409	EA	Class 1, Guide Rail Adapter Bracket For 8" Submersible Pump	3,760.65	
22 13 33 00-0410	EA	Class 1, Discharge Elbow Base For 8" Submersible Pump	3,318.55	
22 13 33 00-0411	EA	Class 1, Top Guide Rail And Lift Chain Bracket For 8" Submersible Pump	685.24	10.45
22 13 33 00-0412	EA	Class 1, Intermediate Guide Rail Support Bracket (Every 10') For 8" Submersible Pump	774.14	
22 13 33 00-0413	EA	25', 316 Stainless Steel, Safety Lift Cable With Stainless Steel Clevis For 8" Submersible Pump	1,658.34	
22 13 33 00-0414	EA	25', Galvanized, Safety Chain With Hook For 8" Submersible Pump	1,328.16	
22 13 33 00-0415	EA	25", 316 Stainless Steel, Safety Chain With Clevis For 8" Submersible Pump	3,760.65	
22 13 33 00-0416	EA	Galvanized Pipe, Guide Rails For 8" Submersible Pump	110.06	
22 13 33 00-0417	EA	316 Stainless Steel Pipe, Guide Rails For 8" Submersible Pump	243.14	10.45
22 13 33 00-0418	EA	Stainless Steel, Cable Holder Bracket For 8" Submersible Pump	552.16	
22 13 33 00-0419	EA	Portable Stand For 8" Submersible Pump	1,990.38	
22 13 33 00-0420	EA	Guide Rail Adapter Bracket For 10" Submersible Pump	2,434.35	
22 13 33 00-0421	EA	Discharge Elbow Base For 10" Submersible Pump	3,918.46	104.87
22 13 33 00-0422	EA	Straight Thru Discharge Base For 10" Submersible Pump	3,760.65	
22 13 33 00-0423	EA	Top Guide Rail And Lift Chain Bracket For 10" Submersible Pump	685.24	10.56
22 13 33 00-0424	EA	Intermediate Guide Rail Support Bracket (Every 10') For 10" Sumbersible Pump	1,475.53	
22 13 33 00-0425	EA	Class 1, Guide Rail Adapter Bracket For 10" Submersible Pump	5,088.81	
22 13 33 00-0426	EA	Class 1, Discharge Elbow Base For 10" Submersible Pump	3,760.65	
22 13 33 00-0427	EA	Class 1, Straight Thru Discharge Base For 10" Submersible Pump	3,760.65	
22 13 33 00-0428	EA	Class 1, Top Guide Rail And Lift Chain Bracket For 10" Submersible Pump	685.24	10.56
22 13 33 00-0429	EA	Class 1, Intermediate Guide Rail Support Bracket (Every 10') For 10" Submersible Pump	1,106.18	
22 13 33 00-0430	EA	25', 316 Stainless Steel, Safety Lift Cable With Stainless Steel Clevis For 10" Submersible Pump	1,658.34	
22 13 33 00-0431	EA	25', Galvanized, Safety Chain With Hook For 10" Submersible Pump	1,328.16	
22 13 33 00-0432	EA	25", 316 Stainless Steel, Safety Chain With Clevis For 10" Submersible Pump	3,760.65	
22 13 33 00-0433	EA	Galvanized Pipe, Guide Rails For 10" Submersible Pump	131.22	10.56
22 13 33 00-0434	EA	316 Stainless Steel Pipe, Guide Rails For 10" Submersible Pump	243.14	10.56
22 13 33 00-0435	EA	Stainless Steel, Cable Holder Bracket For 10" Submersible Pump	552.16	
22 13 33 00-0436	EA	Portable Stand For 10" Submersible Pump	1,990.38	
22 13 33 00-0437	EA	5 - 15 HP, 3" - 6" Pump Belt Drive	2,654.46	
22 13 33 00-0438	EA	20 - 30 HP, 3" - 6" Pump Belt Drive	2,876.45	
22 13 33 00-0439	EA	40 - 50 HP, 3" - 6" Pump Belt Drive	3,096.56	
22 13 33 00-0440	EA	60 - 75 HP, 3" - 6" Pump Belt Drive	3,318.55	
22 13 33 00-0441	EA	100 HP, 3" - 6" Pump Belt Drive	3,540.53	
22 13 33 00-0442	EA	5 - 15 HP, 8" - 12" Pump Belt Drive	3,982.63	
22 13 33 00-0443	EA	20 - 30 HP, 8" - 12" Pump Belt Drive	4,202.75	
22 13 33 00-0444	EA	40 - 50 HP, 8" - 12" Pump Belt Drive	4,424.73	
22 13 33 00-0445	EA	60 - 75 HP, 8" - 12" Pump Belt Drive	4,644.85	
22 13 33 00-0446	EA	100 HP, 8" - 12" Pump Belt Drive	5,088.81	
22 13 33 00-0447	EA	125 HP, 8" - 12" Pump Belt Drive	5,973.01	
22 13 33 00-0448	EA	150 - 200 HP, 8" - 12" Pump Belt Drive	6,194.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0449		Submersible Pumps (Zoeller) *(22 13 33)*		
22 13 33 00-0450	EA	.5 HP, 2" Discharge, 1750 RPM, Vortex Impeller With 25' Cord (Zoeller 6282)	3,085.56	279.67
		For Moisture Probe, Add	*246.23*	
		For 3 Phase Adder, Add	*153.90*	
		For Silicone Carbide / Silicone Carbide Seal	*174.41*	
		For Certified Test, Add	*410.39*	
		For 50' Cord Adder, Add	*256.49*	
22 13 33 00-0451	EA	1 HP, 2" Discharge, 1750 RPM, Vortex Impeller With 25' Cord (Zoeller 6284)	3,356.49	319.61
		For Moisture Probe, Add	*246.23*	
		For 3 Phase Adder, Add	*153.90*	
		For Silicone Carbide / Silicone Carbide Seal	*174.41*	
		For Certified Test, Add	*410.39*	
		For 50' Cord Adder, Add	*256.49*	
22 13 33 00-0452	EA	1 HP, 2" Discharge, 3450 RPM, Vortex Impeller With 25' Cord (Zoeller 6292)	3,251.10	319.61
		For Moisture Probe, Add	*246.23*	
		For 3 Phase Adder, Add	*153.90*	
		For Silicone Carbide / Silicone Carbide Seal	*174.41*	
		For Certified Test, Add	*410.39*	
		For 50' Cord Adder, Add	*256.49*	
22 13 33 00-0453	EA	.5 HP, 2" Discharge, 1750 RPM, Explosion Proof Vortex Impeller With 25' Cord (Zoeller X6282)	5,634.07	279.67
		For 3 Phase Adder, Add	*153.90*	
		For Silicone Carbide / Silicone Carbide Seal	*174.41*	
		For Certified Test, Add	*410.39*	
		For 50' Cord Adder, Add	*256.49*	
22 13 33 00-0454	EA	1 HP, 2" Discharge, 1750 RPM, Explosion Proof Vortex Impeller With 25' Cord (Zoeller X6284)	6,251.03	319.61
		For 3 Phase Adder, Add	*153.90*	
		For Silicone Carbide / Silicone Carbide Seal	*174.41*	
		For Certified Test, Add	*410.39*	
		For 50' Cord Adder, Add	*256.49*	
22 13 33 00-0455	EA	1 HP, 2" Discharge, 3450 RPM, Explosion Proof Vortex Impeller With 25' Cord (Zoeller X6292)	6,025.88	319.61
		For 3 Phase Adder, Add	*153.90*	
		For Silicone Carbide / Silicone Carbide Seal	*174.41*	
		For Certified Test, Add	*410.39*	
		For 50' Cord Adder, Add	*256.49*	
22 13 33 00-0456	EA	1 HP, 3" Discharge, 1750 RPM, 61HD Semi-Open Impeller With 25' Cord (Zoeller 6120)	6,889.19	319.61
22 13 33 00-0457	EA	1.5 HP, 3" Dischrage, 1750 RPM, 61HD Semi-Open Impeller With 25' Cord (Zoeller 6121)	7,397.78	429.48
		For Silicone Carbide / Silicone Carbide Seal	*174.41*	
		For Certified Test, Add	*410.39*	
		For 1 Phase Adder, Add	*225.71*	
		For 3" Solids Capacity, Add	*574.54*	
		For Impeller Trim, Add	*307.79*	
		For Thermal And Moisture Sensors, Add	*348.83*	
		For 50' Cord Adder, Add	*512.98*	
22 13 33 00-0458	EA	2 HP, 3" Discharge, 1750 RPM, 61HD Semi-Open Impeller With 25' Cord (Zoeller 6122)	7,545.23	539.34
		For Silicone Carbide / Silicone Carbide Seal	*174.41*	
		For Certified Test, Add	*410.39*	
		For 1 Phase Adder, Add	*225.71*	
		For 3" Solids Capacity, Add	*574.54*	
		For Impeller Trim, Add	*307.79*	
		For Thermal And Moisture Sensors, Add	*348.83*	
		For 50' Cord Adder, Add	*512.98*	
22 13 33 00-0459	EA	3 HP, 3" Discharge, 1750 RPM, 61HD Semi-Open Impeller With 25' Cord (Zoeller 6123)	8,297.43	649.21
		For Silicone Carbide / Silicone Carbide Seal	*174.41*	
		For Certified Test, Add	*410.39*	
		For 1 Phase Adder, Add	*225.71*	
		For 3" Solids Capacity, Add	*574.54*	
		For Impeller Trim, Add	*307.79*	
		For Thermal And Moisture Sensors, Add	*348.83*	
		For 50' Cord Adder, Add	*512.98*	
22 13 33 00-0460	EA	5 HP, 3" Discharge, 1750 RPM, 61HD Semi-Open Impeller With 25' Cord (Zoeller 6124)	9,308.93	759.08
		For Silicone Carbide / Silicone Carbide Seal	*174.41*	
		For Certified Test, Add	*410.39*	
		For 1 Phase Adder, Add	*225.71*	
		For 3" Solids Capacity, Add	*574.54*	
		For Impeller Trim, Add	*307.79*	
		For Thermal And Moisture Sensors, Add	*348.83*	
		For 50' Cord Adder, Add	*512.98*	
22 13 33 00-0461	EA	7.5 HP, 3" Discharge, 1750 RPM, 61HD Semi-Open Impeller With 25' Cord (Zoeller 6125)	11,549.74	868.95
		For Silicone Carbide / Silicone Carbide Seal	*174.41*	
		For Certified Test, Add	*410.39*	
		For 1 Phase Adder, Add	*225.71*	
		For 3" Solids Capacity, Add	*574.54*	
		For Impeller Trim, Add	*307.79*	
		For Thermal And Moisture Sensors, Add	*348.83*	
		For 50' Cord Adder, Add	*512.98*	
22 13 33 00-0462	EA	1 HP, 3" Discharge, 1750 RPM, Explosion Proof, 61HD Semi-Open Impeller With 25' Cord (Zoeller X6120)	8,446.61	319.61
22 13 33 00-0463	EA	1.5 HP, 3" Discharge, 1750 RPM, Explosion Proof, 61HD Semi-Open Impeller With 25' Cord (Zoeller X6121)	8,795.15	429.48
		For Silicone Carbide / Silicone Carbide Seal	*174.41*	
		For Certified Test, Add	*410.39*	
		For 1 Phase Adder, Add	*225.71*	
		For 3" Solids Capacity, Add	*574.54*	
		For Impeller Trim, Add	*307.79*	
		For 50' Cord Adder, Add	*512.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0464	EA	2 HP, 3" Discharge, 1750 RPM, Explosion Proof, 61HD Semi-Open Impeller With 25' Cord (Zoeller X6122)	9,303.74	539.34
		For Silicone Carbide / Silicone Carbide Seal	*174.41*	
		For Certified Test, Add	*410.39*	
		For 1 Phase Adder, Add	*225.71*	
		For 3" Solids Capacity, Add	*574.54*	
		For Impeller Trim, Add	*307.79*	
		For 50' Cord Adder, Add	*512.98*	
22 13 33 00-0465	EA	3 HP, 3" Discharge, 1750 RPM, Explosion Proof, 61HD Semi-Open Impeller With 25' Cord (Zoeller X6123)	9,994.95	649.21
		For Silicone Carbide / Silicone Carbide Seal	*174.41*	
		For Certified Test, Add	*410.39*	
		For 1 Phase Adder, Add	*225.71*	
		For 3" Solids Capacity, Add	*574.54*	
		For Impeller Trim, Add	*307.79*	
		For 50' Cord Adder, Add	*512.98*	
22 13 33 00-0466	EA	5 HP, 3" Discharge, 1750 RPM, Explosion Proof, 61HD Semi-Open Impeller With 25' Cord (Zoeller Engineered Products X6124)	11,008.31	759.08
		For Silicone Carbide / Silicone Carbide Seal	*174.41*	
		For Certified Test, Add	*410.39*	
		For 1 Phase Adder, Add	*225.71*	
		For 3" Solids Capacity, Add	*574.54*	
		For Impeller Trim, Add	*307.79*	
		For 50' Cord Adder, Add	*512.98*	
22 13 33 00-0467	EA	7.5 HP, 3" Discharge, 1750 RPM, Explosion Proof, 61HD Semi-Open Impeller With 25' Cord (Zoeller X6125)	11,549.74	868.95
		For Silicone Carbide / Silicone Carbide Seal	*174.41*	
		For Certified Test, Add	*410.39*	
		For 1 Phase Adder, Add	*225.71*	
		For 3" Solids Capacity, Add	*574.54*	
		For Impeller Trim, Add	*307.79*	
		For 50' Cord Adder, Add	*512.98*	
22 13 33 00-0468	EA	115 V/230 V, Variable Level Control Switch With 25' Cord (Zoeller 10-1877)	152.54	24.97
22 13 33 00-0469	EA	115 V/230 V, Variable Level Control Switch With 50' Cord (Zoeller 10-1879)	205.89	24.97
22 13 33 00-0470	EA	30 Volt DC / 125 Volt AC, Intrinsically Safe Variable Control Switch With 25' Cord (Zoeller 10-2066)	189.47	24.97
22 13 33 00-0471	EA	30 Volt DC / 125 Volt AC, Intrinsically Safe Variable Control Switch With 50' Cord (Zoeller 10-2068)	242.82	24.97
22 13 33 00-0472	EA	Stainless Steel, 4 Float Bracket (Zoeller 10-0253)	350.56	62.92
22 13 33 00-0473	EA	2" Z Rail Base Elbow And Disconnect (Zoeller 39-0128)	1,391.37	46.95
22 13 33 00-0474	EA	2" Z Rail Base Elbow And Disconnect With Stainless Steel Upper Rail Bracket (Zoeller 39-0129)	1,814.07	46.95
22 13 33 00-0475	EA	3" Base Elbow And Disconnect (Zoeller 39-0094)	2,377.91	56.93
22 13 33 00-0476	EA	4" Base Elbow And Disconnect (Zoeller 39-0016)	3,190.85	66.92

22 13 33 00-0477 Mounted Motors (Vaughan) *(22 13 33)*

22 13 33 00-0478 C-FACE Mounted Motors (Vaughan) *(22 13 33 00-0477)*

22 13 33 00-0479	EA	5 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 215TC)	3,359.82	241.91
22 13 33 00-0480	EA	5 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 215TC)	3,525.84	241.91
22 13 33 00-0481	EA	5 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 184TC)	2,143.57	241.91
22 13 33 00-0482	EA	5 HP, 1750 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 184TC)	2,331.98	241.91
22 13 33 00-0483	EA	7.5 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 254TC)	4,527.90	241.91
22 13 33 00-0484	EA	7.5 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 254TC)	5,380.39	241.91
22 13 33 00-0485	EA	7.5 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 213TC)	2,923.65	241.91
22 13 33 00-0486	EA	7.5 HP, 1750 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 213TC)	3,201.60	241.91
22 13 33 00-0487	EA	10 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 256TC)	5,640.42	423.34
22 13 33 00-0488	EA	10 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 256TC)	6,558.20	423.34
22 13 33 00-0489	EA	10 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 215TC)	3,351.58	423.34
22 13 33 00-0490	EA	10 HP, 1750 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 215TC)	3,715.33	423.34
22 13 33 00-0491	EA	15 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 284TC)	7,488.92	423.34
22 13 33 00-0492	EA	15 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 284TC)	8,065.33	423.34
22 13 33 00-0493	EA	15 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 254TC)	4,724.40	423.34
22 13 33 00-0494	EA	15 HP, 1750 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 254TC)	5,155.31	423.34
22 13 33 00-0495	EA	15 HP, 3510 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 254TC)	4,702.02	423.34
22 13 33 00-0496	EA	20 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 286TC)	9,267.72	604.77
22 13 33 00-0497	EA	20 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 286TC)	10,616.40	604.77
22 13 33 00-0498	EA	20 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 256TC)	5,827.92	604.77
22 13 33 00-0499	EA	20 HP, 1750 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 256TC)	6,016.32	604.77
22 13 33 00-0500	EA	20 HP, 3510 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 256TC)	5,727.19	604.77
22 13 33 00-0501	EA	25 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 324TC)	10,961.18	604.77
22 13 33 00-0502	EA	25 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 324TC)	11,890.15	604.77
22 13 33 00-0503	EA	25 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 284TC)	7,133.38	604.77
22 13 33 00-0504	EA	25 HP, 1750 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 284TC)	7,420.65	604.77
22 13 33 00-0505	EA	25 HP, 3510 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 284TSC)	6,967.36	604.77
22 13 33 00-0506	EA	30 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 326TC)	12,829.14	604.77
22 13 33 00-0507	EA	30 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 326TC)	13,537.99	604.77
22 13 33 00-0508	EA	30 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 286TC)	8,736.45	604.77
22 13 33 00-0509	EA	30 HP, 1750 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 286TC)	9,036.78	604.77
22 13 33 00-0510	EA	40 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 364TC)	15,324.32	907.15
22 13 33 00-0511	EA	40 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 364TC)	19,417.01	907.15
22 13 33 00-0512	EA	40 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 324TC)	11,397.65	907.15
22 13 33 00-0513	EA	50 HP, 1170 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 365TC)	20,898.59	907.15
22 13 33 00-0514	EA	50 HP, 1170 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 365TC)	21,838.75	907.15
22 13 33 00-0515	EA	50 HP, 1750 RPM, High Efficiency, C-FACE Mounted Motor For Direct Drive Only (Vaughan 326TC)	11,851.40	907.15
22 13 33 00-0516	EA	50 HP, 1750 RPM, Chemical Duty, C-FACE Mounted Motor For Direct Drive Only (Vaughan 326TC)	12,989.29	907.15

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 33 00-0517		Foot Mounted Motors (Vaughan) *(22 13 33 00-0477)*		
22 13 33 00-0518	EA	5 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 215T)	3,106.12	241.91
22 13 33 00-0519	EA	5 HP, 1170 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 215T)	3,438.16	241.91
22 13 33 00-0520	EA	5 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 184T)	2,031.65	241.91
22 13 33 00-0521	EA	5 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 184T)	2,298.40	241.91
22 13 33 00-0522	EA	7.5 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 254T)	4,130.57	241.91
22 13 33 00-0523	EA	7.5 HP, 1170 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 254T)	5,025.96	241.91
22 13 33 00-0524	EA	7.5 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 213T)	2,481.55	241.91
22 13 33 00-0525	EA	7.5 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 213T)	3,145.64	241.91
22 13 33 00-0526	EA	10 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 256T)	5,198.32	423.34
22 13 33 00-0527	EA	10 HP, 1170 RPM, hemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 256T)	6,214.97	423.34
22 13 33 00-0528	EA	10 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 215T)	3,084.83	423.34
22 13 33 00-0529	EA	10 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 215T)	3,661.24	423.34
22 13 33 00-0530	EA	15 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 284T)	6,903.19	423.34
22 13 33 00-0531	EA	15 HP, 1170 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 284T)	7,600.85	423.34
22 13 33 00-0532	EA	15 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 254T)	4,071.51	423.34
22 13 33 00-0533	EA	15 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 254T)	4,944.52	423.34
22 13 33 00-0534	EA	20 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 286T)	8,681.98	604.77
22 13 33 00-0535	EA	20 HP, 1170 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 286T)	10,140.72	604.77
22 13 33 00-0536	EA	20 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 256T)	5,053.78	604.77
22 13 33 00-0537	EA	20 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 256T)	5,904.40	604.77
22 13 33 00-0538	EA	25 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 324T)	10,220.62	604.77
22 13 33 00-0539	EA	25 HP, 1170 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 324T)	11,259.65	604.77
22 13 33 00-0540	EA	25 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 284T)	6,170.84	604.77
22 13 33 00-0541	EA	25 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 284T)	7,321.79	604.77
22 13 33 00-0542	EA	30 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 326T)	11,922.56	604.77
22 13 33 00-0543	EA	30 HP, 1170 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 326T)	12,907.49	604.77
22 13 33 00-0544	EA	30 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 286T)	7,331.81	604.77
22 13 33 00-0545	EA	30 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 286T)	8,671.16	604.77
22 13 33 00-0546	EA	40 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 364T)	15,180.69	907.15
22 13 33 00-0547	EA	40 HP, 1170 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 364T)	17,525.49	907.15
22 13 33 00-0548	EA	40 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 324T)	9,649.77	907.15
22 13 33 00-0549	EA	40 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 324T)	10,545.17	907.15
22 13 33 00-0550	EA	50 HP, 1170 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 365T)	19,803.60	907.15
22 13 33 00-0551	EA	50 HP, 1170 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 365T)	20,532.97	907.15
22 13 33 00-0552	EA	50 HP, 1750 RPM, High Efficiency, Foot Mount Motor For Belt Drive Only (Vaughan 326T)	11,541.74	907.15
22 13 33 00-0553	EA	50 HP, 1750 RPM, Chemical Duty, Foot Mount Motor For Belt Drive Only (Vaughan 326T)	12,271.11	907.15
22 13 33 00-0554		Submersible Pumps (Hayward Gordon) *(22 13 33)*		
22 13 33 00-0555		Chopper Pumps (Hayward Gordon) *(22 13 33 00-0554)*		
22 13 33 00-0556	EA	5 HP, 460 Volt, 60 Hertz, 28' Total Dynamic Head, 180 GPM, 1510 RPM, 3 Phase, Submersible Chopper Pump (Hayward Gordon)	31,018.51	319.61
22 13 33 00-0557	EA	20 HP, 460 Volt, 60 Hertz, 60' Total Dynamic Head, 600 GPM, 1570 RPM, 3 Phase Submersible Chopper Pump (Hayward Gordon 20-60-600-1570SP)	52,616.75	639.23
22 13 33 00-0558	EA	75 HP, 460 Volt, 60 Hertz, 29' Total Dynamic Head, 5500 GPM, 790 RPM, 3 Phase Submersible Chopper Pump (Hayward Gordon 75-29-5500-790SP)	98,979.34	1,078.69
22 13 33 00-0559		Recessed Impeller Centrifugal Pumps (Hayward Gordon) *(22 13 33 00-0554)*		
22 13 33 00-0560	EA	40 HP, 460 Volt, 60 Hertz, 65' Total Dynamic Head, 450 GPM, 1460 RPM, 3 Phase, Submersible Recessed Impeller Centrifugal Pump (Hayward Gordon)	44,728.45	878.94
22 13 33 00-0561	EA	50 HP, 460 Volt, 60 Hertz, 65' Total Dynamic Head, 1,000 GPM, 1550 RPM, 3 Phase, Submersible Recessed Impeller Centrifugal Pump (Hayward Gordon)	49,838.11	1,038.74
22 13 33 00-0562	EA	100 HP, 460 Volt, 60 Hertz, 130' Total Dynamic Head, 900 GPM, 1430 RPM, 3 Phase Submersible Recessed Impeller Centrifugal Pump (Hayward Gordon 100-130-900-1430SP)	82,074.57	1,278.45
22 13 33 00-0563	EA	100 HP, 460 Volt, 60 Hertz, 53' To 132' Total Dynamic Head, 952 GPM, 1450 RPM, 3 Phase Submersible Recessed Impeller Centrifugal Pump (Hayward Gordon)	82,074.57	1,278.45
22 13 33 00-0564		Screw Centrifugal Pumps (Hayward Gordon) *(22 13 33 00-0554)*		
22 13 33 00-0565	EA	25 HP, 460 Volt, 60 Hertz, 67' Total Dynamic Head, 900 GPM, 1700 RPM, 3 Phase Submersible Screw Centrifugal Pump (Hayward Gordon)	42,370.27	719.13
22 13 33 00-0566	EA	60 HP, 460 Volt, 60 Hertz, 29' Total Dynamic Head, 1500 GPM, 1460 RPM, 3 Phase Submersible Screw Centrifugal Pump (Hayward Gordon)	60,806.66	1,038.74
22 13 33 00-0567	EA	75 HP, 460 Volt, 60 Hertz, 67' Total Dynamic Head, 1440 GPM, 1510 RPM, 3 Phase Submersible Screw Centrifugal Pump (Hayward Gordon)	68,946.40	1,078.69
22 13 33 00-0568	EA	75 HP, 460 Volt, 60 Hertz, 29' Total Dynamic Head, 5500 GPM, 970 RPM, 3 Phase Submersible Screw Centrifugal Pump (Hayward Gordon 75-29-5500-970SP)	94,147.96	1,078.69
22 13 33 00-0569	EA	100 HP, 460 Volt, 60 Hertz, 44' Total Dynamic Head, 4514 GPM, 1030 RPM, 3 Phase Submersible Screw Centrifugal Pump (Hayward Gordon)	93,528.13	1,278.45
22 13 33 00-0570	EA	100 HP, 460 Volt, 60 Hertz, 132' Total Dynamic Head, 900 GPM, 1690 RPM, 3 Phase Submersible Screw Centrifugal Pump (Hayward Gordon)	70,658.32	1,278.45
22 13 36		**Packaged, Wastewater Pump Units** *(22 13)*		
22 13 36 00-0001		Dri-Prime Pumps With Diesel Engine; Godwin Pumps, CD Series With PrimeGuard *(22 13 36)*		
22 13 36 00-0002	EA	4" Trailer Mounted Trash Pump (Godwin Pumps CD100M)	32,864.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 36 00-0003	EA	4" Skid Mounted Trash Pump (Godwin Pumps CD100M)	31,712.85	
22 13 36 00-0004	EA	6" Trailer Mounted Trash Pump (Godwin Pumps CD150M)	42,433.06	
22 13 36 00-0005	EA	6" Skid Mounted Trash Pump (Godwin Pumps CD150M)	40,922.83	
22 13 36 00-0006	EA	8" Trailer Mounted Trash Pump (Godwin Pumps CD225M)	59,955.54	
22 13 36 00-0007	EA	8" Skid Mounted Trash Pump (Godwin Pumps CD225M)	57,578.77	
22 13 36 00-0008		Dri-Prime Pumps Critically Silenced With Diesel Engine; Godwin Pumps, CD Series With PrimeGuard *(22 13 36)*		
22 13 36 00-0009	EA	4" Critically Silenced Trailer Mounted Trash Pump (Godwin Pumps CD100M)	49,724.30	
22 13 36 00-0010	EA	4" Critically Silenced Skid Mounted Trash Pump (Godwin Pumps CD100M)	45,063.60	
22 13 36 00-0011	EA	6" Critically Silenced Trailer Mounted Trash Pump (Godwin Pumps CD150M)	59,602.74	
22 13 36 00-0012	EA	6" Critically Silenced Skid Mounted Trash Pump (Godwin Pumps CD150M)	54,979.18	
22 13 36 00-0013	EA	8" Critically Silenced Trailer Mounted Trash Pump (Godwin Pumps CD225M)	75,355.02	
22 13 36 00-0014	EA	8" Critically Silenced Skid Mounted Trash Pump (Godwin Pumps CD225M)	68,825.09	
22 13 36 00-0015		Heidra Hydraulic Submersible Pumps With Diesel Engine; Godwin Pumps, HS Series With PrimeGuard *(22 13 36)*		
		Note: Includes pump, pumpend, and hoses.		
22 13 36 00-0016	EA	4" Trailer Mounted Hydraulic Submersible Pump (Godwin Pumps HS100MR)	39,003.14	
		Note: Includes pump, pumpend, two 3/4" x 50' hoses and one 1/2" x 50' hose.		
22 13 36 00-0017	EA	4" Skid Mounted Hydraulic Submersible Pump (Godwin Pumps HS100MR)	37,874.53	
		Note: Includes pump, pumpend, two 3/4" x 50' hoses and one 1/2" x 50' hose.		
22 13 36 00-0018	EA	6" Trailer Mounted Hydraulic Submersible Pump (Godwin Pumps HS150MR)	52,553.47	
		Note: Includes pump, pumpend, two 1" x 50' hoses and one 1/2" x 50' hose.		
22 13 36 00-0019	EA	6" Skid Mounted Hydraulic Submersible Pump (Godwin Pumps HS150MR)	50,843.03	
		Note: Includes pump, pumpend, two 1" x 50' hoses and one 1/2" x 50' hose.		
22 13 36 00-0020	EA	8" Trailer Mounted Hydraulic Submersible Pump (Godwin Pumps HS200MR)	96,954.81	
		Note: Includes pump, pumpend, two 1-1/4" x 50' hoses and one 1/2" x 50' hose.		
22 13 36 00-0021	EA	8" Skid Mounted Hydraulic Submersible Pump (Godwin Pumps HS200MR)	91,353.82	
		Note: Includes pump, pumpend, two 1-1/4" x 50' hoses and one 1/2" x 50' hose.		
22 13 36 00-0022		Heidra Hydraulic Submersible Pumps Critically Silenced With Diesel Engine; Godwin Pumps, HS Series With PrimeGuard *(22 13 36)*		
		Note: Includes pump, pumpend, and hoses.		
22 13 36 00-0023	EA	4" Trailer Mounted Hydraulic Submersible Pump Critically Silenced (Godwin Pumps HS100MR)	61,533.28	
		Note: Includes pump, pumpend, two 3/4" x 50' hoses and one 1/2" x 50' hose.		
22 13 36 00-0024	EA	4" Skid Mounted Hydraulic Submersible Pump Critically Silenced (Godwin Pumps HS100MR)	56,633.29	
		Note: Includes pump, pumpend, two 3/4" x 50' hoses and one 1/2" x 50' hose.		
22 13 36 00-0025	EA	6" Trailer Mounted Hydraulic Submersible Pump Critically Silenced (Godwin Pumps HS150MR)	77,221.66	
		Note: Includes pump, pumpend, two 1" x 50' hoses and one 1/2" x 50' hose.		
22 13 36 00-0026	EA	6" Skid Mounted Hydraulic Submersible Pump Critically Silenced (Godwin Pumps HS150MR)	69,826.11	
		Note: Includes pump, pumpend, two 1" x 50' hoses and one 1/2" x 50' hose.		
22 13 36 00-0027	EA	8" Trailer Mounted Hydraulic Submersible Pump Critically Silenced (Godwin Pumps HS200MR)	121,139.31	
		Note: Includes pump, pumpend, two 1-1/4" x 50' hoses and one 1/2" x 50' hose.		
22 13 36 00-0028	EA	8" Skid Mounted Hydraulic Submersible Pump Critically Silenced (Godwin Pumps HS200MR)	111,921.16	
		Note: Includes pump, pumpend, two 1-1/4" x 50' hoses and one 1/2" x 50' hose.		
22 13 36 00-0029		Auto Start Controls Accessories *(22 13 36)*		
22 13 36 00-0030	EA	Two Float Assembly for Godwin PrimeGuard Controller	441.93	
22 13 36 00-0031	EA	Level Transducer for Godwin PrimeGuard Controller	2,218.32	
22 13 36 00-0032	EA	Pressure Transducer for Godwin PrimeGuard Controller	773.69	
22 13 36 00-0033	EA	3016D/4045D Auto Throttle for Godwin PrimeGuard Controller	1,293.61	

22 14 Facility Storm Drainage *(22 10)*

22 14 13 Facility Storm Drainage Piping *(22 14)*

See CSI section 22 13 16 00-0000 for storm drainage piping.

22 14 26 Facility Storm Drains *(22 14)*

22 14 26 13 Roof Drains *(22 14 26)*

22 14 26 13-0001 Cast Iron Roof Drains *(22 14 26 13)*

22 14 26 13-0002 Cast Iron Roof Drains With Large Polypropylene Dome *(22 14 26 13-0001)*

Note: Dome free area is 124 square inches.

22 14 26 13-0003	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, 124 Square Inch Free Area Polypropylene Dome	913.78	166.50
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0004	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, 124 Square Inch Free Area Polypropylene Dome	997.01	199.76
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0005	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,080.24	249.70
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0006	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,454.60	299.64
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0007	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,496.22	332.89
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0008	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,777.10	349.57
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0009	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome	2,424.81	362.06
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0010		**Cast Iron Roof Drains With Expansion Joint** *(22 14 26 13-0001)*		
		Note: With polypropylene dome. Dome free area is 124 square inches.		
22 14 26 13-0011	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome	1,457.11	166.50
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0012	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome	1,578.30	199.76
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0013	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome	1,735.44	249.70
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0014	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome	2,407.43	299.64
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0015	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome	2,586.88	332.89
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0016		**Cast Iron Roof Drains With Flat Bronze Promenade Top** *(22 14 26 13-0001)*		
22 14 26 13-0017	EA	14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top	1,991.65	166.50
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0018	EA	14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top	2,074.88	199.76
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0019	EA	14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top	2,158.11	249.70
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0020	EA	14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top	2,516.50	299.64
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0021	EA	14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top	2,558.12	332.89
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0022		Cast Iron Scupper Drain With L-Shaped Bronze Grate *(22 14 26 13-0001)*		
22 14 26 13-0023	EA	Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate	1,294.87	66.62
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Cast Iron Parts, Add	*128.00*	
22 14 26 13-0024	EA	Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate	1,328.16	83.20
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Cast Iron Parts, Add	*128.00*	
22 14 26 13-0025	EA	Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate	1,343.30	90.79
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Cast Iron Parts, Add	*128.00*	
		For Galvanized Iron Parts, Add	*258.00*	
22 14 26 13-0026	EA	Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate	1,891.40	120.35
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Iron Parts, Add	*258.00*	
22 14 26 13-0027	EA	Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate	1,944.50	146.92
		For Vandal Proof Grate, Add	*33.00*	
		For Galvanized Iron Parts, Add	*258.00*	
22 14 26 13-0028		Cast Iron Roof Drain With Flat Cast Iron Grate *(22 14 26 13-0001)*		
		Note: Grate free area is 27 square inches.		
22 14 26 13-0029	EA	9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top	1,005.60	166.50
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0030	EA	9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top	1,088.83	199.76
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0031	EA	9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top	1,172.06	249.70
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0032		Cast Iron Roof Drains With Large Cast Iron Dome *(22 14 26 13-0001)*		
22 14 26 13-0033	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome	1,085.44	166.50
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0034	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome	1,168.67	199.76
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0035	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome	1,251.90	249.70
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0036	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome	1,626.26	299.64
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0037	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome	1,667.88	332.89
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0038	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome	1,948.76	349.57
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0039	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome	2,596.47	362.06
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0040		Aluminum Roof Drains *(22 14 26 13)*		
22 14 26 13-0041		Aluminum Dome Roof Drains *(22 14 26 13-0040)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0042	EA	15" Diameter Roof Drain With 2" Outlet, Aluminum Dome	1,115.38	166.50
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0043	EA	15" Diameter Roof Drain With 3" Outlet, Aluminum Dome	1,198.61	199.76
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0044	EA	15" Diameter Roof Drain With 4" Outlet, Aluminum Dome	1,281.84	249.70
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0045	EA	15" Diameter Roof Drain With 6" Outlet, Aluminum Dome	1,697.82	332.60
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0046	EA	15" Diameter Roof Drain With 8" Outlet, Aluminum Dome	1,978.91	349.57
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0047	EA	15" Diameter Roof Drain With 10" Outlet, Aluminum Dome	2,626.42	362.06
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0048		Retrofit Roof Drains *(22 14 26 13)*		
22 14 26 13-0049		Retrofit Copolymer Roof Drains With Copolymer Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0050	EA	Copolymer Retrofit 3" Roof Drains, With Copolymer Dome	790.33	199.76
22 14 26 13-0051	EA	Copolymer Retrofit 4" Roof Drains, With Copolymer Dome	887.95	249.70
22 14 26 13-0052	EA	Copolymer Retrofit 5" Roof Drains, With Copolymer Dome	1,070.36	299.64
22 14 26 13-0053	EA	Copolymer Retrofit 6" Roof Drains, With Copolymer Dome	1,169.54	332.60
22 14 26 13-0054		Retrofit Copolymer Roof Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0055	EA	Copolymer Retrofit Drain, 3", With Cast Aluminum Dome	919.84	199.76
22 14 26 13-0056	EA	Copolymer Retrofit Drain, 4", With Cast Aluminum Dome	1,011.71	249.70
22 14 26 13-0057	EA	Copolymer Retrofit Drain, 5", With Cast Aluminum Dome	1,202.76	299.64
22 14 26 13-0058	EA	Copolymer Retrofit Drain, 6", With Cast Aluminum Dome	1,261.65	332.60
22 14 26 13-0059		Retrofit Roof Aluminum Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0060	EA	Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome	796.08	199.76
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0061	EA	Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome	893.70	249.70
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0062	EA	Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome	1,076.12	299.64
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0063	EA	Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome	1,129.25	332.60
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0064		Bronze Downspout Nozzles *(22 14 26 13)*		
22 14 26 13-0065	EA	2" Outlet, Bronze Roof Drain Downspout Nozzle	481.31	99.88
22 14 26 13-0066	EA	3" Outlet, Bronze Roof Drain Downspout Nozzle	481.31	99.88
22 14 26 13-0067	EA	4" Outlet, Bronze Roof Drain Downspout Nozzle	481.31	99.88
22 14 26 13-0068	EA	5" Outlet, Bronze Roof Drain Downspout Nozzle	756.61	124.85
22 14 26 13-0069	EA	6" Outlet, Bronze Roof Drain Downspout Nozzle	756.61	124.85
22 14 26 13-0070	EA	8" Outlet, Bronze Roof Drain Downspout Nozzle	992.61	124.85
22 14 26 16		**Facility Area Drains** *(22 14 26)*		
22 14 26 16-0001		Area Drain *(22 14 26 16)*		
22 14 26 16-0002	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,154.51	120.25
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0003	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,180.43	133.24
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	

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22 14 26 16-0004	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,207.72	146.92
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0005	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,236.14	161.11
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0006	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,918.20	120.25
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0007	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,944.12	133.24
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0008	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,971.41	146.92
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0009	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,999.83	161.11
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0010	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,940.69	120.25
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0011	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,966.61	133.24
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0012	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,993.90	146.92
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0013	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,022.32	161.11
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0014	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,422.08	120.25
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0015	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,448.00	133.24
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0016	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,475.29	146.92
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0017	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,503.71	161.11
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0018	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,105.17	120.25
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0019	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,131.09	133.24
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0020	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,158.38	146.92
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0021	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,186.80	161.11
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0022	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,084.90	120.25
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0023	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,110.82	133.24
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0024	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,138.11	146.92
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0025	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,166.53	161.11
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0026	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,372.70	120.25
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0027	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,398.62	133.24
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0028	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,425.91	146.92
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0029	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	808.00	120.25
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0030	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	833.92	133.24
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0031	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	861.21	146.92
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0032	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,290.46	120.25
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0033	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,316.38	133.24
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0034	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,343.67	146.92
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0035	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,259.23	120.25
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0036	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,285.15	133.24
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0037	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,312.44	146.92
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0038	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,748.80	120.25
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0039	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,774.72	133.24
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0040	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,802.01	146.92
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0041	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	3,996.07	120.25
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0042	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,021.99	133.24
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0043	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,049.28	146.92
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	

22 14 26 19 Facility Trench Drains *(22 14 26)*

22 14 26 19-0001 Trench Drain *(22 14 26 19)*

Note: Each section is 39.4" in length.

22 14 26 19-0002	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,089.80	120.25
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0003	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,115.72	133.24
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0004	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,143.01	146.92
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0005	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	651.20	120.25
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0006	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	677.12	133.24
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0007	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	704.41	146.92
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0008	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,030.04	120.25
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0009	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,055.96	133.24
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0010	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,083.25	146.92
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0011	EA	6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	969.02	59.93
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0012	EA	6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	530.42	59.93
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0013	EA	6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	909.26	59.93
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0014	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,746.25	120.25
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0015	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,772.17	133.24
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0016	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,799.46	146.92
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0017	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,203.55	120.25
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0018	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,229.47	133.24
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0019	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,256.76	146.92
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0020	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,672.03	120.25
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0021	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,697.95	133.24
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0022	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,725.24	146.92
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0023	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,457.06	120.25
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0024	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,482.98	133.24
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0025	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,510.27	146.92
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0026	EA	12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,625.45	59.93
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0027	EA	12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,082.75	59.93
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0028	EA	12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,551.23	59.93
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0029	EA	12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,336.26	59.93
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	

22 14 29 Sump Pumps *(22 14)*

See CSI section 22 11 16 00-0000 for pipe extensions into well.

22 14 29 13 Wet-Pit-Mounted, Vertical Sump Pumps *(22 14 29)*

22 14 29 13-0001 Vertical Mounted Sump Pumps *(22 14 29 13)*

Note: Supplied with 1750 RPM premium efficient motor with drip cover, float switch assembly, steel support mounting plate and 5' column sections.

22 14 29 13-0002	EA	1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head	6,326.58	289.82
		For Explosion Proof Motor, Add	*282.58*	
22 14 29 13-0003	EA	1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head	6,666.72	350.78
		For Explosion Proof Motor, Add	*314.15*	
22 14 29 13-0004	EA	2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head	7,607.71	416.74
		For Explosion Proof Motor, Add	*405.84*	
22 14 29 13-0005	EA	3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head	8,081.85	512.67
		For Explosion Proof Motor, Add	*459.95*	
22 14 29 13-0006	EA	5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head	8,526.56	555.65
		For Explosion Proof Motor, Add	*671.89*	
22 14 29 13-0007	EA	10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head	10,107.13	666.58
		For Explosion Proof Motor, Add	*762.07*	
22 14 29 13-0008	EA	15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head	11,870.61	690.27
		For Explosion Proof Motor, Add	*1,249.08*	
22 14 29 13-0009	EA	20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head	14,394.38	868.99
		For Explosion Proof Motor, Add	*1,657.92*	
22 14 29 13-0010	EA	30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1,000 GPM 70' Head	15,507.88	1,013.45
		For Explosion Proof Motor, Add	*2,149.43*	
22 14 29 13-0011	EA	50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1,600 GPM 70' Head	20,888.22	1,216.57
		For Explosion Proof Motor, Add	*2,800.28*	
22 14 29 13-0012	EA	60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2,000 GPM 70' Head	29,101.29	1,351.27
		For Explosion Proof Motor, Add	*4,438.65*	

22 14 29 13-0013 Extra Column Assemblies *(22 14 29 13)*

22 14 29 13-0014	EA	1-1/2" Diameter x 5' Long Extra Column Assembly	1,016.94
22 14 29 13-0015	EA	2" Diameter x 5' Long Extra Column Assembly	1,112.77
22 14 29 13-0016	EA	2-1/2" Diameter x 5' Long Extra Column Assembly	1,217.63
22 14 29 13-0017	EA	3" Diameter x 5' Long Extra Column Assembly	1,462.00
22 14 29 13-0018	EA	4" Diameter x 5' Long Extra Column Assembly	1,634.13
22 14 29 13-0019	EA	5" Diameter x 5' Long Extra Column Assembly	1,663.88
22 14 29 13-0020	EA	6" Diameter x 5' Long Extra Column Assembly	1,867.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 13-0021	EA	8" Diameter x 5' Long Extra Column Assembly	2,043.89	
22 14 29 13-0022		**Support Plate** *(22 14 29 13)*		
22 14 29 13-0023	EA	24" Steel Support Plate, Round Or Square	879.99	39.95
22 14 29 13-0024	EA	30" Steel Support Plate, Round Or Square	974.05	44.94
22 14 29 13-0025	EA	36" Steel Support Plate, Round Or Square	1,352.84	59.93
22 14 29 13-0026	EA	40" Steel Support Plate, Round Or Square	1,971.81	69.92
22 14 29 13-0027	EA	42" Steel Support Plate, Round Or Square	2,115.26	72.42
22 14 29 13-0028	EA	48" Steel Support Plate, Round Or Square	2,262.86	74.91
22 14 29 13-0029	EA	54" Steel Support Plate, Round Or Square	2,885.47	89.89
22 14 29 13-0030	EA	60" Steel Support Plate, Round Or Square	3,919.94	99.88
22 14 29 13-0031	EA	72" Steel Support Plate, Round Or Square	5,237.15	124.85
22 14 29 13-0032	EA	84" Steel Support Plate, Round Or Square	6,329.99	137.33
22 14 29 16		**Submersible Sump Pumps** *(22 14 29)*		
22 14 29 16-0001		Submersible Sump/Effluent Pumps *(22 14 29 16)*		
22 14 29 16-0002		Wet Pit Submersible Pumps, (KSB) Series KRT K *(22 14 29 16-0001)*		
		Note: Includes 33' (10m) of cord with pump.		
22 14 29 16-0003		4 Pole / 1,750 RPM *(22 14 29 16-0002)*		
22 14 29 16-0004	EA	To 10 HP, 600 GPM At 32' Head, Wet Pit Submersible Pump	7,800.17	343.74
22 14 29 16-0005	EA	11-20 HP, 900 GPM At 60' Head, Wet Pit Submersible Pump	9,196.22	572.89
22 14 29 16-0006	EA	21-36 HP, 1,000 GPM At 105' Head, Wet Pit Submersible Pump	15,729.12	802.06
22 14 29 16-0007	EA	51-83 HP, 2,500GPM At 115' Head, Wet Pit Submersible Pump	37,744.86	1,031.20
22 14 29 16-0008	EA	83-110 HP, 2,600 GPM At 140' Head, Wet Pit Submersible Pump	40,940.64	1,260.37
22 14 29 16-0009	EA	83-110 HP, 3,000 GPM At 100' Head, Wet Pit Submersible Pump	44,420.92	1,260.37
22 14 29 16-0010	EA	83-110 HP, 3,500 GPM At 80' Head, Wet Pit Submersible Pump	45,261.73	1,260.37
22 14 29 16-0011	EA	110-160 HP, 3,000 GPM At 180' Head, Wet Pit Submersible Pump	52,687.76	1,489.52
22 14 29 16-0012	EA	110-160 HP, 3,500 GPM At 140' Head, Wet Pit Submersible Pump	54,178.83	1,489.52
22 14 29 16-0013	EA	110-160 HP, 4,500 GPM At 110' Head, Wet Pit Submersible Pump	56,047.68	1,489.52
22 14 29 16-0014	EA	160-210 HP, 3,800 GPM At 150' Head, Wet Pit Submersible Pump	59,615.51	1,718.69
22 14 29 16-0015	EA	160-210 HP, 5,000 GPM At 130' Head, Wet Pit Submersible Pump	63,593.92	1,718.69
22 14 29 16-0016		6 Pole / 1160 RPM *(22 14 29 16-0002)*		
22 14 29 16-0017	EA	To 10 HP, 1,100 GPM At 26' Head, Wet Pit Submersible Pump	10,829.11	343.74
22 14 29 16-0018	EA	To 10 HP, 1,800 GPM At 16' Head, Wet Pit Submersible Pump	11,725.08	343.74
22 14 29 16-0019	EA	11-24 HP, 1,400 GPM At 47' Head, Wet Pit Submersible Pump	15,270.81	572.89
22 14 29 16-0020	EA	11-24 HP, 2,400 GPM At 30' Head, Wet Pit Submersible Pump	16,636.51	572.89
22 14 29 16-0021	EA	21-50 HP, 2,100 GPM At 75' Head, Wet Pit Submersible Pump	24,053.69	802.06
22 14 29 16-0022	EA	21-50 HP, 2,400 GPM At 60' Head, Wet Pit Submersible Pump	25,502.97	802.06
22 14 29 16-0023	EA	21-50 HP, 3,200 GPM At 50' Head, Wet Pit Submersible Pump	30,820.32	802.06
22 14 29 16-0024	EA	21-50 HP, 5,000 GPM At 29' Head, Wet Pit Submersible Pump	36,794.62	802.06
22 14 29 16-0025	EA	51-80 HP, 2,800 GPM At 80' Head, Wet Pit Submersible Pump	37,495.80	1,031.20
22 14 29 16-0026	EA	51-80 HP, 4,000 GPM At 60' Head, Wet Pit Submersible Pump	42,859.96	1,031.20
22 14 29 16-0027	EA	51-80 HP, 5,500 GPM At 43' Head, Wet Pit Submersible Pump	43,200.97	1,031.20
22 14 29 16-0028	EA	76-112 HP, 2,200 GPM At 105' Head, Wet Pit Submersible Pump	50,732.88	1,260.37
22 14 29 16-0029	EA	76-112 HP, 4,100 GPM At 70' Head, Wet Pit Submersible Pump	54,577.56	1,260.37
22 14 29 16-0030	EA	76-112 HP, 6,500 GPM At 50' Head, Wet Pit Submersible Pump	62,928.87	1,260.37
22 14 29 16-0031	EA	112-143 HP, 2,500 GPM At 120' Head, Wet Pit Submersible Pump	68,608.08	1,489.52
22 14 29 16-0032	EA	112-143 HP, 6,500 GPM At 65' Head, Wet Pit Submersible Pump	69,107.89	1,489.52
22 14 29 16-0033	EA	155-200 HP, 3,000 GPM At 150' Head, Wet Pit Submersible Pump	85,073.98	1,718.69
22 14 29 16-0034	EA	155-200 HP, 6,000 GPM At 110' Head, Wet Pit Submersible Pump	94,282.83	1,718.69
22 14 29 16-0035	EA	201-280 HP, 6,500 GPM At 130' Head, Wet Pit Submersible Pump	103,450.60	1,947.83
22 14 29 16-0036	EA	281-450 HP, 12,000 GPM At 110' Head, Wet Pit Submersible Pump	148,138.88	2,177.00
22 14 29 16-0037		8 Pole / 875 RPM *(22 14 29 16-0002)*		
22 14 29 16-0038	EA	To 20 HP, 2,300 GPM At 25' Head, Wet Pit Submersible Pump	10,424.84	572.89
22 14 29 16-0039	EA	21-30 HP, 2,500 GPM At 31' Head, Wet Pit Submersible Pump	11,964.68	802.06
22 14 29 16-0040	EA	31-50 HP, 4,700 GPM At 29' Head, Wet Pit Submersible Pump	17,145.74	1,031.20
22 14 29 16-0041	EA	51-117 HP, 6,500 GPM At 45' Head, Wet Pit Submersible Pump	32,823.35	1,260.37
22 14 29 16-0042	EA	118-175 HP, 9,000 GPM At 60' Head, Wet Pit Submersible Pump	41,506.43	1,489.52
22 14 29 16-0043	EA	176-210 HP, 1,4000 GPM At 50' Head, Wet Pit Submersible Pump	56,588.25	1,718.69
22 14 29 16-0044	EA	211-250 HP, 14,000 GPM At 60' Head, Wet Pit Submersible Pump	60,408.57	1,947.83
22 14 29 16-0045		10 Pole / 700 RPM *(22 14 29 16-0002)*		
22 14 29 16-0046	EA	To 55 HP, 6,500 GPM At 25' Head Wet Pit Submersible Pump	28,460.03	802.06
22 14 29 16-0047	EA	56-76 HP, 7,000 GPM At 36' Head Wet Pit Submersible Pump	32,365.65	1,031.20
22 14 29 16-0048	EA	76-117 HP, 10,000 GPM At 30' Head Wet Pit Submersible Pump	48,641.71	1,260.37
22 14 29 16-0049	EA	118-150 HP, 11,500 GPM At 40' Head Wet Pit Submersible Pump	57,321.43	1,489.52
22 14 29 16-0050		Dry Pit Submersible Pumps, (KSB) Series KRT K-D *(22 14 29 16-0001)*		
		Note: Includes 33' (10m) of cord with pump.		
22 14 29 16-0051		4 Pole / 1,750 RPM *(22 14 29 16-0050)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 16-0052	EA	To 35 HP, 800 GPM At 90' Head Dry Pit Submersible Pump	29,668.20	802.06
22 14 29 16-0053	EA	To 35 HP, 1,700 GPM At 50' Head Dry Pit Submersible Pump	32,797.65	802.06
22 14 29 16-0054	EA	36-50 HP, 1,300 GPM At 80' Head Dry Pit Submersible Pump	33,910.71	916.63
22 14 29 16-0055	EA	36-50 HP, 2,000 GPM At 66' Head Dry Pit Submersible Pump	39,317.59	916.63
22 14 29 16-0056	EA	51-75 HP, 1,600 GPM At 110' Head Dry Pit Submersible Pump	58,795.72	1,031.20
22 14 29 16-0057	EA	51-75 HP, 2,400 GPM At 80' Head Dry Pit Submersible Pump	59,894.06	1,031.20
22 14 29 16-0058	EA	76-110 HP, 1,900 GPM At 125' Head Dry Pit Submersible Pump	64,610.90	1,260.37
22 14 29 16-0059	EA	76-110 HP, 2,600 GPM At 110' Head Dry Pit Submersible Pump	64,869.33	1,260.37
22 14 29 16-0060	EA	110-150 HP, 3,000 GPM At 160' Head Dry Pit Submersible Pump	92,013.25	1,489.52
22 14 29 16-0061	EA	110-150 HP, 4,000 GPM At 100' Head Dry Pit Submersible Pump	106,665.13	1,489.52
22 14 29 16-0062		6 Pole / 1160 RPM *(22 14 29 16-0050)*		
22 14 29 16-0063	EA	To 35 HP, 1,300 GPM At 55' Head Dry Pit Submersible Pump	37,130.42	802.06
22 14 29 16-0064	EA	To 35 HP, 1,800 GPM At 45' Head Dry Pit Submersible Pump	40,736.36	802.06
22 14 29 16-0065	EA	To 35 HP, 2,800 GPM At 35' Head Dry Pit Submersible Pump	50,387.18	802.06
22 14 29 16-0066	EA	36-50 HP, 2,000 GPM At 55' Head Dry Pit Submersible Pump	54,873.99	916.63
22 14 29 16-0067	EA	36-50 HP, 3,200 GPM At 50' Head Dry Pit Submersible Pump	63,002.48	916.63
22 14 29 16-0068	EA	51-75 HP, 2,500 GPM At 88' Head Dry Pit Submersible Pump	69,290.48	1,031.20
22 14 29 16-0069	EA	51-75 HP, 5,500 GPM At 45' Head Dry Pit Submersible Pump	84,764.10	1,031.20
22 14 29 16-0070	EA	76-112 HP, 3,100 GPM At 100' Head Dry Pit Submersible Pump	95,568.22	1,260.37
22 14 29 16-0071	EA	76-112 HP, 8,400 GPM At 55' Head Dry Pit Submersible Pump	105,273.56	1,260.37
22 14 29 16-0072	EA	112-154 HP, 3,300 GPM At 130' Head Dry Pit Submersible Pump	128,799.43	1,489.52
22 14 29 16-0073	EA	112-154 HP, 5,000 GPM At 80' Head Dry Pit Submersible Pump	155,886.34	1,489.52
22 14 29 16-0074	EA	154-200 HP, 3,700 GPM At 140' Head Dry Pit Submersible Pump	160,987.03	1,718.69
22 14 29 16-0075	EA	154-200 HP, 5,700 GPM At 100' Head Dry Pit Submersible Pump	165,630.73	1,718.69
22 14 29 16-0076	EA	201-300 HP, 6,500 GPM At 130' Head Dry Pit Submersible Pump	243,922.27	1,947.83
22 14 29 16-0077		8 Pole / 875 RPM *(22 14 29 16-0050)*		
22 14 29 16-0078	EA	To 35 HP, 2,000 GPM At 45' Head, Dry Pit Submersible Pump	53,320.78	802.06
22 14 29 16-0079	EA	To 35 HP, 2,400 GPM At 32' Head, Dry Pit Submersible Pump	67,278.13	802.06
22 14 29 16-0080	EA	36-50 HP, 4,600 GPM At 30' Head, Dry Pit Submersible Pump	75,407.22	916.63
22 14 29 16-0081	EA	51-75 HP, 4,250 GPM At 51' Head, Dry Pit Submersible Pump	93,778.93	1,031.20
22 14 29 16-0082	EA	76-110 HP, 4,600 GPM At 70' Head, Dry Pit Submersible Pump	118,590.88	1,260.37
22 14 29 16-0083	EA	76-110 HP, 8,500 GPM At 40' Head, Dry Pit Submersible Pump	126,537.67	1,260.37
22 14 29 16-0084	EA	110-154 HP, 5,000 GPM At 75' Head, Dry Pit Submersible Pump	139,479.94	1,489.52
22 14 29 16-0085	EA	110-154 HP, 9,000 GPM At 55' Head, Dry Pit Submersible Pump	155,957.00	1,489.52
22 14 29 16-0086	EA	110-154 HP, 12,000 GPM At 32' Head, Dry Pit Submersible Pump	203,171.32	1,489.52
22 14 29 16-0087	EA	154-214 HP, 13,000 GPM At 50' Head, Dry Pit Submersible Pump	266,726.09	1,718.69
22 14 29 16-0088	EA	215-244 HP, 14,000 GPM At 55' Head, Dry Pit Submersible Pump	289,371.97	1,947.83
22 14 29 16-0089		10 Pole / 700 RPM *(22 14 29 16-0050)*		
22 14 29 16-0090	EA	To 55 HP, 3,600 GPM At 40' Head Dry Pit Submersible Pump	113,846.96	916.63
22 14 29 16-0091	EA	To 55 HP, 6,250 GPM At 28' Head Dry Pit Submersible Pump	121,531.27	916.63
22 14 29 16-0092	EA	56-75 HP, 4,000 GPM At 47' Head Dry Pit Submersible Pump	127,091.42	1,031.20
22 14 29 16-0093	EA	55-82 HP, 9,000 GPM At 37' Head Dry Pit Submersible Pump	132,422.59	1,031.20
22 14 29 16-0094	EA	76-110 HP, 10,500 GPM At 30' Head Dry Pit Submersible Pump	199,116.68	1,260.37
22 14 29 16-0095	EA	110-154 HP, 11,500 GPM At 40' Head Dry Pit Submersible Pump	219,097.19	1,489.52
22 14 29 16-0096	EA	154-214 HP, 13,000 GPM At 55' Head Dry Pit Submersible Pump	282,217.88	1,718.69
22 14 29 16-0097		Submersible Sump Pump, Ebara *(22 14 29 16-0001)*		
22 14 29 16-0098		Submersible Sump Pump, 2", 3", 4" Ebara Model DSU *(22 14 29 16-0097)*		
22 14 29 16-0099	EA	3 HP Submersible Sump Pump, 2" Discharge, 3 Phase, Ebara 50DSU62.2	3,703.63	239.71
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*274.55*	
22 14 29 16-0100	EA	5 HP Submersible Sump Pump, 2" Discharge, 3 Phase, Ebara 50DSU63.7	4,201.60	319.61
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*274.55*	
22 14 29 16-0101	EA	3 HP Submersible Sump Pump, 3" Discharge, 3 Phase, Ebara 80DSU62.2	3,915.01	239.71
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*381.65*	
22 14 29 16-0102	EA	5 HP Submersible Sump Pump, 3" Discharge, 3 Phase, Ebara 80DSU63.7	4,297.58	319.61
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*381.65*	
22 14 29 16-0103	EA	7.5 HP Submersible Sump Pump, 4" Discharge, 3 Phase, Ebara 100DSU65.5	5,765.58	399.51
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*754.80*	
22 14 29 16-0104	EA	10 HP Submersible Sump Pump, 4" Discharge, 3 Phase, Ebara 100DSU67.5	6,469.23	479.42
		For 20' Stainless Steel Chain, Add	*423.30*	
		For Guide Rail System, Add	*754.80*	
22 14 29 16-0105		Submersible Sump Pump, 2", 3", Ebara Model DSHU, Rated 176 Degrees F *(22 14 29 16-0097)*		
22 14 29 16-0106	EA	1/2 HP Submersible Sump Pump, 2" Discharge, 3 Phase, Ebara 50DSHU6.4	1,658.82	79.90
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*220.15*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 16-0107	EA	1 HP Submersible Sump Pump, 2" Discharge, 3 Phase, Ebara 50DSHU6.75	1,835.25	119.86
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*220.15*	
22 14 29 16-0108	EA	2 HP Submersible Sump Pump, 2" Discharge, 3 Phase, Ebara 50DSHU61.5	2,711.41	199.76
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*220.15*	
22 14 29 16-0109	EA	3 HP Submersible Sump Pump, 2" Discharge, 3 Phase, Ebara 50DSHU62.2	4,484.01	239.71
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*274.55*	
22 14 29 16-0110	EA	5 HP Submersible Sump Pump, 2" Discharge, 3 Phase, Ebara 50DSHU63.7	4,768.32	319.61
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*274.55*	
22 14 29 16-0111	EA	3 HP Submersible Sump Pump, 3" Discharge, 3 Phase, Ebara 80DSHU62.2	4,825.64	239.71
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*381.65*	
22 14 29 16-0112	EA	5 HP Submersible Sump Pump, 3" Discharge, 3 Phase, Ebara 80DSHU63.5	5,216.21	319.61
		For 20' Stainless Steel Chain, Add	*284.75*	
		For Guide Rail System, Add	*381.65*	

22 14 29 16-0113 Submersible Sump Pump With Vortex Impeller *(22 14 29 16)*

22 14 29 16-0114 Submersible Sump Pump With Cast Iron Vortex Impeller *(22 14 29 16-0113)*

22 14 29 16-0115	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	468.72	65.08
22 14 29 16-0116	EA	1/3 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	520.15	65.08
22 14 29 16-0117	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	821.45	68.87
22 14 29 16-0118	EA	1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	902.82	68.87

22 14 29 16-0119 Submersible Sump Pump With Bronze Vortex Impeller *(22 14 29 16-0113)*

Note: Includes 20' of cord with pump.

22 14 29 16-0120	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,388.80	68.87
22 14 29 16-0121	EA	1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,511.42	68.87
22 14 29 16-0122	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,587.35	75.91
22 14 29 16-0123	EA	1 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,718.45	75.91
22 14 29 16-0124	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,767.94	86.76
22 14 29 16-0125	EA	1-1/2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,896.78	86.76
22 14 29 16-0126	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,898.36	103.03
22 14 29 16-0127	EA	2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,010.24	103.03

22 14 29 16-0128 Submersible Sump Pump With Semi-Open Impeller *(22 14 29 16)*

Note: Includes 20' of cord with pump.

22 14 29 16-0129	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,225.00	65.08
22 14 29 16-0130	EA	1/3 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,265.70	65.08
22 14 29 16-0131	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,585.71	68.87
22 14 29 16-0132	EA	1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,614.31	68.87
22 14 29 16-0133	EA	3/4 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,940.91	72.66
22 14 29 16-0134	EA	3/4 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,940.91	72.66
22 14 29 16-0135	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,052.97	75.91
22 14 29 16-0136	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,052.97	75.91
22 14 29 16-0137	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,342.95	86.76
22 14 29 16-0138	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,342.95	86.76
22 14 29 16-0139	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,725.20	103.03
22 14 29 16-0140	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,675.69	103.03

22 14 29 19 Sump-Pump Basins and Pits *(22 14 29)*

See CSI section 22 13 29 33-0000 for basins and pits.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 15 General Service Compressed-Air Systems *(22 10)*

22 15 13 General Service Compressed-Air Piping *(22 15)*

See CSI section 22 11 16 00-0013 for threaded galvanized steel pipe, 23 21 13 23-0001 for threaded black steel pipe.

22 15 13 00-0001 Quick Disconnect, Air-Service *(22 15 13)*

22 15 13 00-0002 Combination Steel And Brass *(22 15 13 00-0001)*

22 15 13 00-0003	EA	1/2" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	52.03	15.18
22 15 13 00-0004	EA	3/4" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	58.02	18.43

22 15 13 00-0005 Refrigerated Air Dryers With Ambient Air Filters *(22 15 13)*

Note: 120 Voltage, 1 Phase

22 15 13 00-0006	EA	3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	773.98	86.52
22 15 13 00-0007	EA	5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	887.68	88.93
22 15 13 00-0008	EA	7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,049.25	91.33
22 15 13 00-0009	EA	10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,182.75	96.14
22 15 13 00-0010	EA	15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,545.14	108.15
22 15 13 00-0011	EA	20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,746.95	123.06
22 15 13 00-0012	EA	25 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,959.31	139.40
22 15 13 00-0013	EA	30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,304.95	156.22
22 15 13 00-0014	EA	40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,671.47	182.67
22 15 13 00-0015	EA	50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,013.25	195.16
22 15 13 00-0016	EA	60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,544.38	216.31
22 15 13 00-0017	EA	75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,079.43	240.34
		For 230 Voltage, Add	*1,079.62*	
22 15 13 00-0018	EA	85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,408.14	264.38
		For 230 Voltage, Add	*1,163.81*	
22 15 13 00-0019	EA	100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,745.21	293.22
		For 230 Voltage, Add	*1,248.01*	
22 15 13 00-0020	EA	125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,131.57	312.45
		For 230 Voltage, Add	*1,352.00*	
22 15 13 00-0021	EA	175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,428.00	324.47
		For 230 Voltage, Add	*1,433.72*	
22 15 13 00-0022	EA	200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	9,463.47	336.49
		For 230 Voltage, Add	*2,637.15*	
22 15 13 00-0023	EA	250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	10,172.59	348.50
		For 230 Voltage, Add	*2,842.68*	
22 15 13 00-0024	EA	300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	10,861.90	360.52
		For 230 Voltage, Add	*3,042.26*	
22 15 13 00-0025	EA	400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	12,915.70	384.55
		For 230 Voltage, Add	*3,643.98*	
22 15 13 00-0026	EA	500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	14,638.26	480.69
		For 230 Voltage, Add	*4,103.06*	
22 15 13 00-0027	EA	600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	20,847.69	576.83
		For 230 Voltage, Add	*5,908.21*	
22 15 13 00-0028	EA	800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	28,336.52	672.96
		For 230 Voltage, Add	*8,097.17*	
22 15 13 00-0029	EA	1,000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	31,723.09	769.11
		For 230 Voltage, Add	*9,055.46*	

22 15 13 00-0030 Oil And Water Separator For Air Compressor *(22 15 13)*

22 15 13 00-0031	EA	0-60 SCFM Oil/Water Separator	703.37	34.72
22 15 13 00-0032	EA	85 SCFM Oil/Water Separator	943.10	40.68
22 15 13 00-0033	EA	190 SCFM Oil/Water Separator	1,102.51	46.12
22 15 13 00-0034	EA	245 SCFM Oil/Water Separator	1,384.57	54.25
22 15 13 00-0035	EA	320 SCFM Oil/Water Separator	1,645.64	65.10
22 15 13 00-0036	EA	700 SCFM Oil/Water Separator	3,316.99	135.63

22 15 13 00-0037 Heavy Duty Industrial Pressure Regulator *(22 15 13)*

22 15 13 00-0038	EA	3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	118.76	28.84
22 15 13 00-0039	EA	1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	166.05	38.45
22 15 13 00-0040	EA	3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	285.65	48.07
22 15 13 00-0041	EA	1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	356.82	72.10
22 15 13 00-0042	EA	1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	500.61	84.12
22 15 13 00-0043	EA	1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	524.64	96.14

22 15 13 00-0044 Combination Air System; Filter Regulator Lubricator *(22 15 13)*

22 15 13 00-0045	EA	3/8" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	453.67	86.52
22 15 13 00-0046	EA	1/2" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	560.87	115.37

22 15 13 00-0047 Heatless Desiccant Air Dryers *(22 15 13)*

22 15 13 00-0048	EA	5 SCFM Heatless Desiccant Air Dryer	2,719.74	86.52
22 15 13 00-0049	EA	10 SCFM Heatless Desiccant Air Dryer	3,271.01	96.14
22 15 13 00-0050	EA	15 SCFM Heatless Desiccant Air Dryer	3,301.80	105.75
22 15 13 00-0051	EA	20 SCFM Heatless Desiccant Air Dryer	3,771.46	120.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0052	EA	30 SCFM Heatless Desiccant Air Dryer	5,197.90	144.20
22 15 13 00-0053	EA	50 SCFM Heatless Desiccant Air Dryer	5,127.30	192.27
22 15 13 00-0054	EA	85 SCFM Heatless Desiccant Air Dryer	6,889.10	240.34
22 15 13 00-0055	EA	100 SCFM Heatless Desiccant Air Dryer	7,306.81	288.42
22 15 13 00-0056	EA	125 SCFM Heatless Desiccant Air Dryer	8,364.37	336.49
22 15 13 00-0057	EA	175 SCFM Heatless Desiccant Air Dryer	9,605.02	384.55
22 15 13 00-0058	EA	200 SCFM Heatless Desiccant Air Dryer	10,319.37	432.62
22 15 13 00-0059	EA	300 SCFM Heatless Desiccant Air Dryer	12,624.28	480.69
22 15 13 00-0060	EA	400 SCFM Heatless Desiccant Air Dryer	14,018.33	576.83
22 15 13 00-0061	EA	500 SCFM Heatless Desiccant Air Dryer	16,201.49	672.96
22 15 13 00-0062	EA	600 SCFM Heatless Desiccant Air Dryer	18,694.97	769.11
22 15 13 00-0063		Air Cooled Aftercoolers *(22 15 13)*		
22 15 13 00-0064	EA	20 SCFM Air-Cooled Aftercooler	681.47	60.09
22 15 13 00-0065	EA	35 SCFM Air-Cooled Aftercooler	921.74	72.10
22 15 13 00-0066	EA	43 SCFM Air-Cooled Aftercooler	1,011.80	84.12
22 15 13 00-0067	EA	70 SCFM Air-Cooled Aftercooler	1,237.23	96.14
22 15 13 00-0068	EA	125 SCFM Air-Cooled Aftercooler	1,726.78	108.15
22 15 13 00-0069	EA	185 SCFM Air-Cooled Aftercooler	1,939.01	120.17
22 15 13 00-0070	EA	260 SCFM Air-Cooled Aftercooler	3,765.67	144.20
22 15 13 00-0071	EA	365 SCFM Air-Cooled Aftercooler	3,934.57	168.24
22 15 13 00-0072	EA	560 SCFM Air-Cooled Aftercooler	4,102.15	192.27
22 15 13 00-0073	EA	650 SCFM Air-Cooled Aftercooler	4,811.86	216.31
22 15 13 00-0074	EA	750 SCFM Air-Cooled Aftercooler	5,260.09	240.34
22 15 13 00-0075	EA	900 SCFM Air-Cooled Aftercooler	6,033.19	264.38
22 15 13 00-0076	EA	1,100 SCFM Air-Cooled Aftercooler	7,751.87	288.42
22 15 13 00-0077	EA	1,460 SCFM Air-Cooled Aftercooler	8,868.99	312.45
22 15 13 00-0078	EA	1,800 SCFM Air-Cooled Aftercooler	9,156.42	336.49
22 15 13 00-0079	EA	2,500 SCFM Air-Cooled Aftercooler	9,818.60	360.52
22 15 13 00-0080		Compressed Air Coalescing Filters *(22 15 13)*		
22 15 13 00-0081		1.0 Micron Filter Rated Compressed Air Coalescing Filters *(22 15 13 00-0080)*		
22 15 13 00-0082	EA	10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	235.61	35.26
22 15 13 00-0083	EA	20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	281.83	35.26
22 15 13 00-0084	EA	50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating	307.54	40.68
22 15 13 00-0085	EA	75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	354.14	46.66
22 15 13 00-0086	EA	100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	413.43	51.54
22 15 13 00-0087	EA	140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating	468.14	62.39
22 15 13 00-0088	EA	175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating	524.86	67.81
22 15 13 00-0089	EA	250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating	611.78	81.38
22 15 13 00-0090	EA	280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	784.89	108.50
22 15 13 00-0091	EA	350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	897.85	122.06
22 15 13 00-0092		0.01 Micron Filter Rated Compressed Air Coalescing Filters *(22 15 13 00-0080)*		
22 15 13 00-0093	EA	16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating	288.44	35.26
22 15 13 00-0094	EA	30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating	312.47	40.68
22 15 13 00-0095	EA	60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating	358.76	46.66
22 15 13 00-0096	EA	100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating	422.67	46.12
22 15 13 00-0097	EA	140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	478.70	62.39
22 15 13 00-0098	EA	180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	543.38	67.81
22 15 13 00-0099	EA	250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating	623.66	81.38
22 15 13 00-0100	EA	280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	804.69	108.50
22 15 13 00-0101	EA	350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	924.26	122.06
22 15 13 00-0102		Compressed Air Storage Tanks *(22 15 13)*		
22 15 13 00-0103		Horizontal Compressed Air Storage Tanks *(22 15 13 00-0102)*		
22 15 13 00-0104	EA	12 Gallon Horizontal Compressed Air Storage Tank, ASME	384.93	76.91
22 15 13 00-0105	EA	15 Gallon Horizontal Compressed Air Storage Tank, ASME	725.44	84.12
22 15 13 00-0106	EA	20 Gallon Horizontal Compressed Air Storage Tank, ASME	768.91	88.45
22 15 13 00-0107	EA	30 Gallon Horizontal Compressed Air Storage Tank, ASME	878.67	96.14
22 15 13 00-0108	EA	60 Gallon Horizontal Compressed Air Storage Tank, ASME	1,145.17	129.79
22 15 13 00-0109	EA	80 Gallon Horizontal Compressed Air Storage Tank, ASME	1,387.84	144.20
22 15 13 00-0110	EA	120 Gallon Horizontal Compressed Air Storage Tank, ASME	2,102.47	168.24
22 15 13 00-0111	EA	200 Gallon Horizontal Compressed Air Storage Tank, ASME	3,160.45	192.27
22 15 13 00-0112	EA	240 Gallon Horizontal Compressed Air Storage Tank, ASME	3,527.88	204.29
22 15 13 00-0113	EA	325 Gallon Horizontal Compressed Air Storage Tank, ASME	5,133.99	216.31
22 15 13 00-0114	EA	400 Gallon Horizontal Compressed Air Storage Tank, ASME	6,778.08	252.37
22 15 13 00-0115	EA	660 Gallon Horizontal Compressed Air Storage Tank, ASME	9,777.25	300.44
22 15 13 00-0116		Vertical Compressed Air Storage Tanks *(22 15 13 00-0102)*		
22 15 13 00-0117	EA	10 Gallon Vertical Compressed Air Storage Tank, ASME	676.20	76.91
22 15 13 00-0118	EA	15 Gallon Vertical Compressed Air Storage Tank, ASME	708.03	84.12
22 15 13 00-0119	EA	20 Gallon Vertical Compressed Air Storage Tank, ASME	768.91	88.45
22 15 13 00-0120	EA	30 Gallon Vertical Compressed Air Storage Tank, ASME	913.15	96.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0121	EA	60 Gallon Vertical Compressed Air Storage Tank, ASME	1,248.60	129.79
22 15 13 00-0122	EA	80 Gallon Vertical Compressed Air Storage Tank, ASME	1,437.64	144.20
22 15 13 00-0123	EA	120 Gallon Vertical Compressed Air Storage Tank, ASME	1,994.16	168.24
22 15 13 00-0124	EA	200 Gallon Vertical Compressed Air Storage Tank, ASME	2,937.22	192.27
22 15 13 00-0125	EA	240 Gallon Vertical Compressed Air Storage Tank, ASME	3,243.35	204.29
22 15 13 00-0126	EA	325 Gallon Vertical Compressed Air Storage Tank, ASME	4,437.50	216.31
22 15 13 00-0127	EA	400 Gallon Vertical Compressed Air Storage Tank, ASME	5,697.13	252.37
22 15 13 00-0128	EA	500 Gallon Vertical Compressed Air Storage Tank, ASME	7,451.62	276.40
22 15 13 00-0129	EA	660 Gallon Vertical Compressed Air Storage Tank, ASME	12,447.98	312.45

22 15 19 General Service Packaged Air Compressors and Receivers *(22 15)*

Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

22 15 19 13 General Service Packaged Reciprocating Air Compressors *(22 15 19)*

22 15 19 13-0001 Single Stage Compressor *(22 15 19 13)*

Note: Includes receiver, reciprocating air cooled, 140 PSIG working pressure, splash lubricated, tank mounted.

22 15 19 13-0002	EA	1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	2,935.93	341.10
22 15 19 13-0003	EA	3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,062.55	393.68
22 15 19 13-0004	EA	1 HP 1-Stage Air Compressor, 2.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,492.78	464.93
22 15 19 13-0005	EA	2 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,981.41	513.00
22 15 19 13-0006	EA	3 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	4,881.46	541.83
22 15 19 13-0007	EA	3 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	5,218.00	561.06
22 15 19 13-0008	EA	5 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	5,858.08	641.24
22 15 19 13-0009	EA	5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	6,284.44	679.70
22 15 19 13-0010	EA	7.5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	7,546.29	769.49

22 15 19 13-0011 Two Stage Compressor *(22 15 19 13)*

Note: With receiver, reciprocating air cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.

22 15 19 13-0012	EA	1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure	5,620.60	599.52
22 15 19 13-0013	EA	2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure	6,025.78	705.36
22 15 19 13-0014	EA	3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure	6,294.26	769.49
22 15 19 13-0015	EA	5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure	7,167.39	1,025.98
22 15 19 13-0016	EA	5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure	7,737.70	1,025.98
22 15 19 13-0017	EA	7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure	8,283.69	1,282.49
22 15 19 13-0018	EA	7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure	8,800.95	1,282.49
22 15 19 13-0019	EA	10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure	11,289.66	1,586.28
22 15 19 13-0020	EA	10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure	12,105.28	1,634.34
22 15 19 13-0021	EA	15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure	13,078.85	1,910.07
22 15 19 13-0022	EA	20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure	19,812.44	2,162.15
22 15 19 13-0023	EA	25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure	21,266.45	2,443.15
22 15 19 13-0024	EA	30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure	23,707.29	2,700.23
22 15 19 13-0025	EA	30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure	25,787.84	2,959.32

22 15 19 19 General Service Packaged Rotary-Screw Air Compressors *(22 15 19)*

22 15 19 19-0001 Rotary Screw Air Compressor, Base Mounted Without Receiver *(22 15 19 19)*

Note: Oil flooded.

22 15 19 19-0002	EA	3 HP, 8.5 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	9,625.88	865.84
22 15 19 19-0003	EA	5 HP, 16.6 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	10,709.79	1,154.46
22 15 19 19-0004	EA	7.5 HP, 27 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	13,738.03	1,447.42
22 15 19 19-0005	EA	10 HP, 37 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	15,855.93	1,844.54
22 15 19 19-0006	EA	15 HP, 56 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	18,138.78	2,170.04
22 15 19 19-0007	EA	20 HP, 79 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	22,039.74	2,441.30
22 15 19 19-0008	EA	25 HP, 114 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	24,144.87	2,712.56
22 15 19 19-0009	EA	30 HP, 137 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	29,085.67	3,038.06
22 15 19 19-0010	EA	40 HP, 183 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	31,986.83	3,255.06
22 15 19 19-0011	EA	50 HP, 214 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	35,931.76	3,507.88
22 15 19 19-0012	EA	60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	46,860.97	3,797.58
22 15 19 19-0013	EA	75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	52,030.09	4,014.58
22 15 19 19-0014	EA	100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	83,881.27	4,340.09
22 15 19 19-0015	EA	125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	104,779.65	4,692.71
22 15 19 19-0016	EA	150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	121,786.99	5,050.77
22 15 19 19-0017	EA	220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	158,673.61	5,425.11
22 15 19 19-0018	EA	250 HP, 1,000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	180,345.84	5,772.32

22 15 19 19-0019 Rotary Screw Air Compressor, Base Mounted With Receiver *(22 15 19 19)*

Note: Includes receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

22 15 19 19-0020	EA	5 HP, 18.5 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	12,001.60	1,154.46

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 19 19-0021	EA	5 HP, 18.5 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	12,765.55	1,154.46
22 15 19 19-0022	EA	7.5 HP, 28 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	14,345.47	1,447.42
22 15 19 19-0023	EA	7.5 HP, 28 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	15,181.04	1,447.42
22 15 19 19-0024	EA	10 HP, 38 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	16,190.15	1,844.54
22 15 19 19-0025	EA	10 HP, 38 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	17,073.47	1,844.54
22 15 19 19-0026	EA	15 HP, 55 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	18,414.65	2,170.04
22 15 19 19-0027	EA	15 HP, 55 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	19,369.58	2,170.04
22 15 19 19-0028	EA	20 HP, 75 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	32,098.40	2,441.30
22 15 19 19-0029	EA	25 HP, 102 SCFM, 120 gallon receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	34,561.63	2,712.56
22 15 19 19-0030	EA	30 HP, 125 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	36,786.17	3,038.06

22 30 Plumbing Equipment *(22)*

22 31 Domestic Water Softeners *(22 30)*

22 31 13 Residential Domestic Water Softeners *(22 31)*

See CSI section 11 30 13 13-0109 for residential water softener.

22 31 16 Commercial Domestic Water Softeners *(22 31)*

22 31 16 00-0001 Commercial Water Softeners (Watts Pure Water) *(22 31 16)*

22 31 16 00-0002 Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*

22 31 16 00-0003 1" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0004	EA	30,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111A11)	4,890.92	274.67
22 31 16 00-0005	EA	45,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111B11)	5,112.29	287.15
22 31 16 00-0006	EA	60,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111C11)	5,523.68	299.64
22 31 16 00-0007	EA	90,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111D11)	6,376.43	312.12
22 31 16 00-0008	EA	120,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111E11)	6,800.50	324.61

22 31 16 00-0009 1-1/2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0010	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121C11)	7,388.29	299.64
22 31 16 00-0011	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121D11)	7,772.24	312.12
22 31 16 00-0012	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121E11)	8,198.43	324.61
22 31 16 00-0013	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121F11)	9,769.14	337.09
22 31 16 00-0014	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121G11)	10,873.18	349.57
22 31 16 00-0015	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121H11)	13,273.77	362.06

22 31 16 00-0016 2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0017	EA	90,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D11)	11,298.73	312.12
22 31 16 00-0018	EA	120,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E11)	11,710.14	324.61
22 31 16 00-0019	EA	150,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F11)	13,285.07	337.09
22 31 16 00-0020	EA	210,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G11)	14,389.11	349.57
22 31 16 00-0021	EA	300,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H11)	16,920.63	362.06
22 31 16 00-0022	EA	450,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I11)	22,374.70	374.55

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SAN BERNARDINO COUNTY

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 31 16 00-0023	EA	600,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J11)	26,202.79	387.03
22 31 16 00-0024			3" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*		
			Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
	22 31 16 00-0025	EA	300,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H11)	27,529.66	362.06
	22 31 16 00-0026	EA	450,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I11)	31,828.65	374.55
	22 31 16 00-0027	EA	600,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J11)	35,606.06	387.03
	22 31 16 00-0028	EA	900,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K11)	44,878.03	399.51
	22 31 16 00-0029	EA	1050,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L11)	49,709.16	412.00
22 31 16 00-0030			Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0031			2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)*		
			Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
	22 31 16 00-0032	EA	90,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D21)	18,568.81	468.18
	22 31 16 00-0033	EA	120,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E21)	19,393.92	486.91
	22 31 16 00-0034	EA	150,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F21)	22,111.08	505.64
	22 31 16 00-0035	EA	210,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G21)	24,190.52	524.37
	22 31 16 00-0036	EA	300,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H21)	29,583.17	543.09
	22 31 16 00-0037	EA	450,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I21)	39,279.41	561.82
	22 31 16 00-0038	EA	600,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J21)	46,276.92	580.55
22 31 16 00-0039			3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)*		
			Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
	22 31 16 00-0040	EA	300,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H21)	50,623.85	543.09
	22 31 16 00-0041	EA	450,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I21)	58,191.52	561.82
	22 31 16 00-0042	EA	600,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J21)	65,423.43	580.55
	22 31 16 00-0043	EA	900,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K21)	83,323.51	599.27
	22 31 16 00-0044	EA	1,050,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L21)	93,059.86	618.00
22 31 16 00-0045			Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0046			1" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)*		
			Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
	22 31 16 00-0047	EA	30,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	6,403.03	412.00
	22 31 16 00-0048	EA	45,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	6,833.25	430.73
	22 31 16 00-0049	EA	60,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	7,464.08	449.45
	22 31 16 00-0050	EA	90,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	8,996.61	468.18
	22 31 16 00-0051	EA	120,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	9,967.42	486.91
22 31 16 00-0052			1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)*		
			Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
	22 31 16 00-0053	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	12,728.48	449.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0054	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	13,424.79	468.18
22 31 16 00-0055	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	14,458.94	486.91
22 31 16 00-0056	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	16,578.50	505.64
22 31 16 00-0057	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	18,729.74	524.37
22 31 16 00-0058	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	23,512.12	543.09

22 32 Domestic Water Filtration Equipment *(22 30)*

22 32 16 Domestic-Water Freestanding Cartridge Filters *(22 32)*

22 32 16 00-0001 Commercial Water Filters Housings *(22 32 16)*

22 32 16 00-0002 Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0001)*

22 32 16 00-0003 Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0002)*

22 32 16 00-0004	EA	25 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X1)	2,517.10	176.31
22 32 16 00-0005	EA	30 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X1)	2,563.23	189.88
22 32 16 00-0006	EA	60 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X2)	2,727.62	203.44
22 32 16 00-0007	EA	90 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X3)	3,022.91	217.01
22 32 16 00-0008	EA	120 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X4)	3,111.28	230.56
22 32 16 00-0009	EA	150 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X4)	3,784.58	244.13
22 32 16 00-0010	EA	250 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X3)	10,792.88	257.69
22 32 16 00-0011	EA	300 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X4)	12,566.36	271.26
22 32 16 00-0012	EA	500 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X3)	15,976.37	284.82
22 32 16 00-0013	EA	600 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X4)	17,728.74	298.38

22 32 16 00-0014 Commercial Water Filter Cartridges *(22 32 16 00-0002)*

22 32 16 00-0015 (Depth) Water Filter Cartridges *(22 32 16 00-0014)*

22 32 16 00-0016	EA	50 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M50)	12.26	2.17
22 32 16 00-0017	EA	20 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M20)	12.26	2.17
22 32 16 00-0018	EA	10 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M10)	12.26	2.17
22 32 16 00-0019	EA	5 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M5)	10.15	2.17
22 32 16 00-0020	EA	1 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M1)	12.79	2.17
22 32 16 00-0021	EA	50 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M50)	12.79	2.17
22 32 16 00-0022	EA	20 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M20)	13.84	2.17
22 32 16 00-0023	EA	5 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Big Pure Water PWMB20M5)	17.54	2.17
22 32 16 00-0024	EA	1 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M1)	13.84	2.17
22 32 16 00-0025	EA	50 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M50)	16.48	2.17
22 32 16 00-0026	EA	20 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M20)	16.48	2.17
22 32 16 00-0027	EA	5 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M5)	16.48	2.17
22 32 16 00-0028	EA	1 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M1)	18.07	2.17
22 32 16 00-0029	EA	50 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M50)	23.87	2.17
22 32 16 00-0030	EA	20 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M20)	21.76	2.17
22 32 16 00-0031	EA	5 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M5)	21.76	2.17
22 32 16 00-0032	EA	1 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M1)	23.87	2.17

22 32 16 00-0033 Pleated Water Filter Cartridges *(22 32 16 00-0014)*

22 32 16 00-0034	EA	50 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M50)	22.29	2.17
22 32 16 00-0035	EA	20 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M20)	22.29	2.17
22 32 16 00-0036	EA	5 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M5)	22.82	2.17
22 32 16 00-0037	EA	1 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1)	24.40	2.17
22 32 16 00-0038	EA	1 Micron Absolute, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1AB)	37.07	2.17
22 32 16 00-0039	EA	50 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M50)	35.49	2.17
22 32 16 00-0040	EA	20 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M20)	35.49	2.17
22 32 16 00-0041	EA	5 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Big Pure Water PWPL20M5)	35.49	2.17
22 32 16 00-0042	EA	1 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1)	47.10	2.17
22 32 16 00-0043	EA	1 Micron Absolute, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1AB)	67.16	2.17
22 32 16 00-0044	EA	50 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M50)	56.08	2.17
22 32 16 00-0045	EA	20 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M20)	78.25	2.17
22 32 16 00-0046	EA	5 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M5)	81.42	2.17
22 32 16 00-0047	EA	1 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M1)	91.97	2.17

22 32 16 00-0048 Commercial Non-Metallic Water Filter Housings *(22 32 16 00-0001)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 32 16 00-0049		Commercial Non-Metallic Water Filter Housings *(22 32 16 00-0048)*		
22 32 16 00-0050	EA	150 GPM Max Flow Rate, 1 Cartridge, Commercial Non-Metallic Water Filter Housing (Watts Big Bubba® PWWJCHSG)	1,973.67	162.76
22 32 16 00-0051		Commercial Water Filter Cartridges *(22 32 16 00-0048)*		
22 32 16 00-0052		Carbon Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0053	EA	Activated 26-1/4" Length, Carbon Water Filter Cartridge (Watts Big Bubba® PWWJCAC5)	662.13	2.17
22 32 16 00-0054		(Depth) Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0055	EA	50 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB50)	136.85	2.17
22 32 16 00-0056	EA	20 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB20)	135.79	2.17
22 32 16 00-0057	EA	5 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB5)	135.79	2.17
22 32 16 00-0058	EA	1 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB1)	155.85	2.17
22 32 16 00-0059		Pleated Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0060	EA	150 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCM150)	363.32	2.17
22 32 16 00-0061	EA	50 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP50)	341.15	2.17
22 32 16 00-0062	EA	20 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP20)	371.77	2.17
22 32 16 00-0063	EA	5 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP5)	389.72	2.17
22 32 16 00-0064	EA	1 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1)	415.06	2.17
22 32 16 00-0065	EA	1 Absolute, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1AB)	449.90	2.17
22 33		**Electric Domestic Water Heaters** *(22 30)*		
22 33 13		**Instantaneous Electric Domestic Water Heaters** *(22 33)*		
22 33 13 13		**Flow-Control, Instantaneous Electric Domestic Water Heaters** *(22 33 13)*		
22 33 13 13-0001		Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 13)*		
22 33 13 13-0002	EA	2.4 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax SP2412)	704.20	54.23
22 33 13 13-0003	EA	3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95)	766.32	54.23
22 33 13 13-0004	EA	7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P)	582.77	54.23
22 33 13 16		**Thermostat-Control, Instantaneous Electric Domestic Water Heaters** *(22 33 13)*		
22 33 13 16-0001		Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 16)*		
		Note: Temperature rise decreases with increased flow rate.		
22 33 13 16-0002	EA	3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T)	1,002.91	81.34
22 33 13 16-0003	EA	12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12)	731.13	108.45
22 33 13 16-0004	EA	17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115)	1,236.84	189.80
22 33 13 16-0005	EA	26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125)	1,891.15	216.91
22 33 13 16-0006	EA	12 KW, 1.6 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 12 Plus)	2,121.17	108.45
22 33 13 16-0007	EA	14.4 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 15 Plus)	2,875.39	162.69
22 33 13 16-0008	EA	19.2 KW, 2.8 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 20 Plus)	3,108.59	216.91
22 33 13 16-0009	EA	24 KW, 3.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 24 Plus)	3,240.68	216.91
22 33 13 16-0010	EA	28.8 KW, 4.5 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 29 Plus)	3,365.43	216.91
22 33 13 16-0011	EA	36 KW, 4.5 GPM At 55 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 36 Plus)	3,548.89	216.91
22 33 30		**Residential, Electric Domestic Water Heaters** *(22 33)*		
22 33 30 13		**Residential, Small-Capacity Electric Domestic Water Heaters** *(22 33 30)*		
22 33 30 13-0001		Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 13)*		
		Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 13-0002	EA	2 Gallon, Small-Capacity, Electric Domestic Water Heater	1,310.08	170.82
22 33 30 13-0003	EA	10 Gallon, Small-Capacity, Electric Domestic Water Heater	1,654.64	181.67
22 33 30 13-0004	EA	20 Gallon, Small-Capacity, Electric Domestic Water Heater	1,993.79	189.80
22 33 30 16		**Residential, Storage Electric Domestic Water Heaters** *(22 33 30)*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 30 16-0001			**Electric Domestic Water Heaters (A.O. Smith ProMax)** *(22 33 30 16)* Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0002		EA	30 Gallon, Electric Domestic Water Heater	2,151.60	189.80
22 33 30 16-0003		EA	40 Gallon, Electric Domestic Water Heater	1,996.57	195.22
22 33 30 16-0004		EA	50 Gallon, Electric Domestic Water Heater	1,950.91	200.65
22 33 30 16-0005		EA	55 Gallon, Electric Domestic Water Heater	2,211.61	203.36
22 33 30 16-0006		EA	66 Gallon, Electric Domestic Water Heater	3,355.56	208.77
22 33 30 16-0007		EA	80 Gallon, Electric Domestic Water Heater	3,412.19	216.91
22 33 30 16-0008		EA	120 Gallon, Electric Domestic Water Heater	4,634.58	230.46
22 33 30 16-0009			**Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax)** *(22 33 30 16)* Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0010		EA	30 Gallon, Low-Boy, Electric Domestic Water Heater	2,332.82	189.80
22 33 30 16-0011		EA	40 Gallon, Low-Boy, Electric Domestic Water Heater	2,198.37	195.22
22 33 30 16-0012		EA	50 Gallon, Low-Boy, Electric Domestic Water Heater	2,338.36	200.65
22 33 30 16-0013			**High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservationist)** *(22 33 30 16)* Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0014		EA	40 Gallon, High Efficiency, Electric Domestic Water Heater	2,410.06	195.22
22 33 30 16-0015		EA	50 Gallon, High Efficiency, Electric Domestic Water Heater	2,653.17	200.65
22 33 30 16-0016		EA	66 Gallon, High Efficiency, Electric Domestic Water Heater	3,327.11	208.77
22 33 30 16-0017		EA	80 Gallon, High Efficiency, Electric Domestic Water Heater	3,633.97	216.91
22 33 30 16-0018			**Water Heater Accessories** *(22 33 30 16)*		
22 33 30 16-0019		EA	2 Gallon, Expansion Pressure Tank For Water Heaters	191.40	10.85
22 33 30 16-0020		EA	4.4 Gallon, Expansion Pressure Tank For Water Heaters	229.26	10.85
22 33 30 16-0021		EA	7.6 Gallon, Expansion Pressure Tank For Water Heaters	463.19	10.85
22 33 30 16-0022		EA	14 Gallon, Expansion Pressure Tank For Water Heaters	627.82	10.85
22 33 30 16-0023		EA	20" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	71.57	8.13
22 33 30 16-0024		EA	22" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	78.23	8.13
22 33 30 16-0025		EA	24" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	82.67	8.13
22 33 30 16-0026		EA	26" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	98.22	8.13
22 33 30 16-0027		EA	22" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	38.15	8.13
22 33 30 16-0028		EA	24" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	41.70	8.13
22 33 30 16-0029		EA	26" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	46.70	8.13
22 33 30 16-0030		EA	28" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	53.12	8.13
22 33 30 23			**Residential, Collector-To-Tank, Solar-Electric Domestic Water Heaters** *(22 33 30)*		
22 33 30 23-0001			**Solar Electric Domestic Water Heaters (A.O. Smith CIRREX)** *(22 33 30 23)* Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 23-0002		EA	80 Gallon, Solar Electric Domestic Water Heater	5,834.74	216.91
22 33 30 23-0003		EA	120 Gallon, Solar Electric Domestic Water Heater	7,041.84	230.46
22 33 33			**Light-Commercial Electric Domestic Water Heaters** *(22 33)*		
22 33 33 00-0001			**Standard Duty Electric Commercial Water Heaters (A.O. Smith DEL And DEN)** *(22 33 33)* Note: Includes glass lined tank, drain valve, and temperature and pressure relief valve.		
22 33 33 00-0002		EA	Up To 2.5 KW, 6 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-6S)	1,470.45	189.80
22 33 33 00-0003		EA	Up To 6 KW, 10 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-10S)	1,581.30	189.80
22 33 33 00-0004		EA	Up To 6 KW, 20 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-20S)	1,718.23	216.91
22 33 33 00-0005		EA	Up To 12 KW, 30 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-30D)	2,985.14	216.91
22 33 33 00-0006		EA	Up To 12 KW, 40 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-40D)	3,445.52	271.14
22 33 33 00-0007		EA	Up To 12 KW, 50 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-50D)	3,817.90	325.37
22 33 33 00-0008		EA	Up To 12 KW, 80 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-80D)	4,562.06	488.05
22 33 33 00-0009			**Heavy Duty Electric Commercial Water Heaters (A.O. Smith DSE)** *(22 33 33)* Note: Includes glass lined tank, ASME tank construction, drain valve, and temperature and pressure relief valve.		
22 33 33 00-0010		EA	3 KW, 5 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-5-3)	5,394.33	189.80
22 33 33 00-0011		EA	3 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-3)	5,605.48	189.80
22 33 33 00-0012		EA	6 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-6)	5,834.23	189.80
22 33 33 00-0013		EA	3 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-3)	5,888.46	216.91
22 33 33 00-0014		EA	6 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-6)	6,152.40	216.91
22 33 33 00-0015		EA	9 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-9)	6,574.70	216.91
22 33 33 00-0016		EA	12 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-12)	6,856.24	216.91
22 33 33 00-0017		EA	15 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-15)	7,084.98	216.91
22 33 33 00-0018		EA	18 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-18)	7,331.32	216.91
22 33 33 00-0019		EA	6 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-6)	6,416.34	216.91
22 33 33 00-0020		EA	9 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-9)	6,662.68	216.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 33 00-0021	EA	12 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-12)	6,944.22	216.91
22 33 33 00-0022	EA	15 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-15)	7,172.96	216.91
22 33 33 00-0023	EA	18 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-18)	7,419.30	216.91
22 33 33 00-0024	EA	24 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-24)	9,231.68	216.91
22 33 33 00-0025	EA	9 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-9)	6,999.89	271.14
22 33 33 00-0026	EA	12 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-12)	7,228.63	271.14
22 33 33 00-0027	EA	15 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-15)	7,510.17	271.14
22 33 33 00-0028	EA	18 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-18)	7,756.51	271.14
22 33 33 00-0029	EA	24 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-24)	9,586.48	271.14
22 33 33 00-0030	EA	30 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-30)	10,431.09	271.14
22 33 33 00-0031	EA	36 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-36)	11,258.10	271.14
22 33 33 00-0032	EA	9 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-9)	8,093.71	325.37
22 33 33 00-0033	EA	12 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-12)	8,322.45	325.37
22 33 33 00-0034	EA	15 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-15)	8,551.20	325.37
22 33 33 00-0035	EA	18 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-18)	8,797.54	325.37
22 33 33 00-0036	EA	24 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-24)	10,680.31	325.37
22 33 33 00-0037	EA	30 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-30)	11,524.91	325.37
22 33 33 00-0038	EA	36 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-36)	12,351.92	325.37
22 33 33 00-0039	EA	45 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-45)	13,847.57	325.37
22 33 33 00-0040	EA	54 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-54)	14,516.21	325.37
22 33 33 00-0041	EA	60 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-60)	16,838.87	325.37
22 33 33 00-0042	EA	75 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-75)	19,830.17	325.37
22 33 33 00-0043	EA	90 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-90)	24,862.60	325.37
22 33 33 00-0044	EA	9 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-9)	9,120.04	433.82
22 33 33 00-0045	EA	12 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-12)	9,383.98	433.82
22 33 33 00-0046	EA	15 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-15)	9,630.32	433.82
22 33 33 00-0047	EA	18 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-18)	9,841.47	433.82
22 33 33 00-0048	EA	24 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-24)	11,706.64	433.82
22 33 33 00-0049	EA	30 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-30)	12,551.24	433.82
22 33 33 00-0050	EA	36 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-36)	13,360.65	433.82
22 33 33 00-0051	EA	45 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-45)	14,891.49	433.82
22 33 33 00-0052	EA	54 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-54)	15,542.54	433.82
22 33 33 00-0053	EA	60 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-60)	17,882.80	433.82
22 33 33 00-0054	EA	75 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-75)	20,891.70	433.82
22 33 33 00-0055	EA	90 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-90)	25,906.53	433.82
22 33 33 00-0056	EA	12 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-12)	10,196.26	488.05
22 33 33 00-0057	EA	15 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-15)	10,442.61	488.05
22 33 33 00-0058	EA	18 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-18)	10,653.76	488.05
22 33 33 00-0059	EA	24 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-24)	12,536.52	488.05
22 33 33 00-0060	EA	30 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-30)	13,293.14	488.05
22 33 33 00-0061	EA	36 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-36)	14,172.94	488.05
22 33 33 00-0062	EA	45 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-45)	15,703.78	488.05
22 33 33 00-0063	EA	54 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-54)	16,372.42	488.05
22 33 33 00-0064	EA	60 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-60)	18,571.91	488.05
22 33 33 00-0065	EA	75 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-75)	21,703.98	488.05
22 33 33 00-0066	EA	90 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-90)	26,718.81	488.05
22 33 33 00-0067	EA	15 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-15)	11,466.04	542.28
22 33 33 00-0068	EA	18 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-18)	11,747.58	542.28
22 33 33 00-0069	EA	24 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-24)	13,577.55	542.28
22 33 33 00-0070	EA	30 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-30)	14,422.15	542.28
22 33 33 00-0071	EA	36 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-36)	15,249.16	542.28
22 33 33 00-0072	EA	45 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-45)	16,744.81	542.28
22 33 33 00-0073	EA	54 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-54)	17,431.05	542.28
22 33 33 00-0074	EA	60 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-60)	19,736.12	542.28
22 33 33 00-0075	EA	75 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-75)	22,727.42	542.28
22 33 33 00-0076	EA	90 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-90)	27,777.44	542.28
22 33 33 00-0077	EA	15 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-15)	12,316.42	650.73
22 33 33 00-0078	EA	18 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-18)	12,562.76	650.73
22 33 33 00-0079	EA	24 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-24)	14,392.73	650.73
22 33 33 00-0080	EA	30 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-30)	15,202.14	650.73
22 33 33 00-0081	EA	36 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-36)	16,064.34	650.73
22 33 33 00-0082	EA	45 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-45)	17,559.99	650.73
22 33 33 00-0083	EA	54 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-54)	18,193.45	650.73
22 33 33 00-0084	EA	60 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-60)	20,568.89	650.73
22 33 33 00-0085	EA	75 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-75)	23,577.79	650.73
22 33 33 00-0086	EA	90 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-90)	28,575.03	650.73

22 33 33 00-0087 Water Heater Accessories *(22 33 33)*

22 33 33 00-0088	EA	Up To 80 Gallon Water Heater Strap Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts	46.54	
22 33 33 00-0089	EA	>80 To 120 Gallon Water Heater Strap Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts	68.35	

22 33 33 00-0090 Removal And Reinstallation Of Water Heater *(22 33 33)*

Note: Includes storage and cleaning.

22 33 33 00-0091	EA	Removal And Reinstallation Of Water Heater Electric, Up To 82 Gallon	361.52	
22 33 33 00-0092	EA	Removal And Reinstallation Of Water Heater Electric, 83 Gallon To 200 Gallon	1,084.55	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 Fuel-Fired Domestic Water Heaters *(22 30)*				
22 34 13 Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34)*				
22 34 13 00-0001		Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13)*		
22 34 13 00-0002		Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)* Note: Includes vent connection. Excludes vent.		
22 34 13 00-0003	EA	4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN)	3,103.64	216.91
22 34 13 00-0004	EA	5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN)	3,388.77	219.62
22 34 13 00-0005	EA	5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN)	3,755.58	225.04
22 34 13 00-0006	EA	6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN)	4,452.55	230.46
22 34 13 00-0007	EA	7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN)	5,476.80	244.02
22 34 13 00-0008	EA	7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN)	5,603.93	244.02
22 34 13 00-0009		Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*		
22 34 13 00-0010	EA	5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN)	3,383.34	216.91
22 34 13 00-0011	EA	7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN)	5,476.80	244.02
22 34 13 00-0012		Indoor Mount, Instantaneous, Tankless, Natural Gas Domestic Water Heaters *(22 34 13 00-0001)* Note: Includes vent connection. Excludes vent.		
22 34 13 00-0013	EA	11 GPM, 15 MBTU Minimum To 199 MBTU Maximum, Indoor Mount, Instantaneous, Tankless, Natural Gas Domestic Water Heater (Rinnai CU199iN)	3,149.40	325.37
22 34 30 Residential Gas Domestic Water Heaters *(22 34)*				
22 34 30 13 Residential, Atmospheric, Gas Domestic Water Heaters *(22 34 30)*				
22 34 30 13-0001		Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 13)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 13-0002	EA	30 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-30)	2,233.55	208.77
22 34 30 13-0003	EA	40 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-40)	2,175.79	214.20
22 34 30 13-0004	EA	50 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCVX-50)	3,022.09	219.62
22 34 30 13-0005	EA	65 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smiith GCV-65)	3,295.48	225.04
22 34 30 13-0006	EA	75 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-75)	3,629.01	230.46
22 34 30 13-0007	EA	100 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-100)	5,557.28	244.02
22 34 30 13-0008		Atmospheric, Gas Domestic Water Heaters *(22 34 30 13)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 13-0009	EA	40 Gallon, 40 MBH, Tall, 67% Efficient, Gas Fired Domestic Water Heater (A. O. Smith GCF-40)	2,255.93	214.20
22 34 30 13-0010	EA	50 Gallon, 40 MBH, Tall, 67% Efficient, Energy Star, Gas Fired Domestic Water Heater (A. O. Smith GCF-50)	2,469.85	219.62
22 34 30 13-0011	EA	40 Gallon, 40 MBH, Short, 67% Efficient, Energy Star, Gas Fired Domestic Water Heater (A. O. Smith GCFL-40)	2,195.01	214.20
22 34 30 13-0012	EA	40 Gallon, 40 MBH, 70% Efficient, Gas Fired Domestic Water Heater (A. O. Smith GAHH-40)	2,296.54	214.20
22 34 30 13-0013	EA	50 Gallon, 40 MBH, 70% Efficient, Gas Fired Domestic Water Heater (A. O. Smith GAHH-50)	2,307.39	219.62
22 34 30 13-0014	EA	100 Gallon, 100 MBH, 96% Efficient, Gas Fired Domestic Water Heater (A. O. Smith GDHE-50)	4,642.54	162.69
22 34 30 16 Residential, Direct-Vent, Gas Domestic Water Heaters *(22 34 30)*				
22 34 30 16-0001		Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 16)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 16-0002	EA	40 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-40)	4,414.36	214.20
22 34 30 16-0003	EA	50 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-50)	5,080.46	219.62
22 34 30 16-0004	EA	75 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-75)	6,726.89	225.04
22 34 30 19 Residential, Power-Vent, Gas Domestic Water Heaters *(22 34 30)*				
22 34 30 19-0001		Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 19)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 19-0002	EA	40 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-40)	3,971.82	214.20
22 34 30 19-0003	EA	50 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-50)	4,144.11	219.62
22 34 36 Commercial Gas Domestic Water Heaters *(22 34)*				
22 34 36 13 Commercial, Atmospheric, Gas Domestic Water Heaters *(22 34 36)*				

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 13-0001		**Gas Fired Commercial Water Heaters (A.O. Smith BTR)** *(22 34 36 13)* Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 36 13-0002	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-120)	6,511.66	325.37
22 34 36 13-0003	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-154)	6,944.93	379.59
22 34 36 13-0004	EA	180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-180)	8,599.77	433.82
22 34 36 13-0005	EA	199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-199)	7,427.63	433.82
22 34 36 13-0006	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200)	8,551.89	433.82
22 34 36 13-0007	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200A)	11,423.73	477.21
22 34 36 13-0008	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250)	8,269.03	488.05
22 34 36 13-0009	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250A)	12,300.79	536.85
22 34 36 13-0010	EA	251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251)	8,398.93	488.05
22 34 36 13-0011	EA	251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251A)	11,728.60	536.85
22 34 36 13-0012	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275)	9,296.28	596.51
22 34 36 13-0013	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275A)	12,817.76	656.15
22 34 36 13-0014	EA	305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305)	10,471.57	596.51
22 34 36 13-0015	EA	305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305A)	12,895.08	656.15
22 34 36 13-0016	EA	365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365)	10,116.16	650.73
22 34 36 13-0017	EA	365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365A)	14,236.07	715.81
22 34 36 13-0018	EA	390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400)	12,884.23	650.73
22 34 36 13-0019	EA	390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400A)	16,895.94	715.81
22 34 36 13-0020	EA	500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-500)	16,827.85	704.96
22 34 36 13-0021	EA	150 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151)	8,398.53	379.59
22 34 36 13-0022	EA	150 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151A)	10,082.74	417.55
22 34 36 13-0023	EA	199 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201)	8,723.49	433.82
22 34 36 13-0024	EA	199 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201A)	10,464.94	477.21
22 34 36 13-0025	EA	Sidewall Power Vent System For BTR-120 through BTR-200	2,088.64	271.14
22 34 36 13-0026	EA	Sidewall Power Vent System For BTR-250 through BTR-500	2,289.68	271.14
22 34 36 13-0027		**Removal And Reinstallation Of Water Heater** *(22 34 36 13)* Note: Includes storage and cleaning.		
22 34 36 13-0028	EA	Removal And Reinstallation Of Water Heater Gas Fired, Up To 86 Gallon	492.98	
22 34 36 13-0029	EA	Removal And Reinstallation Of Water Heater Gas Fired, 87 Gallon To 200 Gallon	1,303.55	
22 34 36 19		**Commercial, Power-Vent, Gas Domestic Water Heaters** *(22 34 36)*		
22 34 36 19-0001		**Induced Draft Blower Gas Fired Commercial Water Heaters (A.O. Smith BTN)** *(22 34 36 19)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 36 19-0002	EA	90 MBH Input, 98 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-100)	5,289.97	325.37
22 34 36 19-0003	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-120)	7,594.17	325.37
22 34 36 19-0004	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-154)	9,264.53	379.59
22 34 36 19-0005	EA	180 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-180)	9,635.89	433.82
22 34 36 19-0006	EA	199 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-199)	9,682.28	433.82
22 34 36 19-0007	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200)	9,898.78	433.82
22 34 36 19-0008	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200A)	11,624.77	477.21
22 34 36 19-0009	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250)	10,919.63	488.05
22 34 36 19-0010	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250A)	13,445.15	536.85
22 34 36 19-0011	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275)	11,430.37	596.51
22 34 36 19-0012	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275A)	14,023.98	656.15
22 34 36 19-0013	EA	310 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310)	11,677.80	596.51
22 34 36 19-0014	EA	310 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310A)	14,178.62	656.15
22 34 36 19-0015	EA	366 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366)	13,100.73	650.73
22 34 36 19-0016	EA	366 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366A)	15,411.36	715.81
22 34 36 19-0017	EA	390 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400)	15,899.79	650.73
22 34 36 19-0018	EA	390 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400A)	18,349.60	715.81

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 19-0019		Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And BTH) *(22 34 36 19)* Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 36 19-0020	EA	76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80)	4,083.75	325.37
22 34 36 19-0021	EA	100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100)	5,506.47	325.37
22 34 36 19-0022	EA	120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120)	6,681.77	325.37
22 34 36 19-0023	EA	120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A)	9,654.16	357.90
22 34 36 19-0024	EA	150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150)	9,883.11	379.59
22 34 36 19-0025	EA	150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A)	12,479.73	417.55
22 34 36 19-0026	EA	199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199)	10,022.50	433.82
22 34 36 19-0027	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A)	12,846.46	477.21
22 34 36 19-0028	EA	250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250)	11,584.60	488.05
22 34 36 19-0029	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A)	14,110.12	536.85
22 34 36 19-0030	EA	300 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A)	18,477.73	656.15
22 34 36 19-0031	EA	399.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A)	19,416.64	715.81
22 34 36 19-0032	EA	499.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A)	22,350.46	775.45
22 34 36 23		**Commercial, High-Efficiency, Gas Domestic Water Heaters** *(22 34 36)*		
22 34 36 23-0001		Gas Fired Domestic Hot Water Skid Package (Laars Mighty Therm) *(22 34 36 23)* Note: Includes (2) Laars Mighty Therm boilers, (2) B&G boiler primary pumps (one per boiler), T&P valve, circuit setter, storage tank (sized for 10 minutes buffer based on 50 degree city water supply, and operating set point for the tank at 130 degrees storage), and all necessary accessories for system monitoring such as gauges and thermometers. UL listed and labeled. Excludes piping insulation or seismic calculations.		
22 34 36 23-0002	EA	400 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-400)	90,826.33	1,460.79
22 34 36 23-0003	EA	1,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-1000)	109,934.25	1,552.08
22 34 36 23-0004	EA	2,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-2000)	133,708.07	1,643.38
22 34 36 23-0005	EA	3,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-3000)	159,967.29	1,734.68
22 34 36 23-0006	EA	4,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-4000)	167,667.86	1,825.98
22 34 36 23-0007		Gas Fired Volume Water Heater (Laars Mighty Therm) *(22 34 36 23)*		
22 34 36 23-0008	EA	200 MBH Gas Fired Volume Water Heater (Laars MT2V0200)	11,128.67	799.50
22 34 36 23-0009	EA	300 MBH Gas Fired Volume Water Heater (Laars MT2V0300)	12,063.47	899.43
22 34 36 23-0010	EA	400 MBH Gas Fired Volume Water Heater (Laars MT2V0400)	13,949.19	1,099.31
22 34 36 23-0011	EA	500 MBH Gas Fired Volume Water Heater (Laars MT2V0500)	20,460.46	1,199.25
22 34 36 23-0012	EA	750 MBH Gas Fired Volume Water Heater (Laars MT2V0750)	22,477.43	1,399.12
22 34 36 23-0013	EA	1,000 MBH Gas Fired Volume Water Heater (Laars MT2V1000)	25,711.86	1,598.99
22 34 36 23-0014	EA	1,250 MBH Gas Fired Volume Water Heater (Laars MT2V1250)	28,393.08	1,798.87
22 34 36 23-0015	EA	1,500 MBH Gas Fired Volume Water Heater (Laars MT2V1500)	33,995.78	1,998.75
22 34 36 23-0016	EA	1,750 MBH Gas Fired Volume Water Heater (Laars MT2V1750)	35,267.75	2,098.67
22 34 36 23-0017	EA	2,000 MBH Gas Fired Volume Water Heater (Laars MT2V2000)	37,852.07	2,198.61
22 34 36 26		**Commercial, Coil-Type, Finned-Tube, Gas Domestic Water Heaters** *(22 34 36)*		
22 34 36 26-0001		Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters *(22 34 36 26)*		
22 34 36 26-0002	EA	1,200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	37,491.20	1,519.04
22 34 36 26-0003	EA	1,600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	53,168.51	1,678.94
22 34 36 26-0004	EA	2,000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	57,721.61	1,758.89
22 34 36 26-0005	EA	2,400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	62,512.57	1,918.79
22 34 36 26-0006		Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36 26)*		
22 34 36 26-0007	EA	1,200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	33,169.39	1,519.04
22 34 36 26-0008	EA	1,600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	36,643.17	1,678.94
22 34 36 26-0009	EA	2,000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	40,093.91	1,758.89
22 34 36 26-0010	EA	2,400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	43,557.75	1,918.79
22 34 36 26-0011		Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36 26)*		
22 34 36 26-0012	EA	200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	8,368.35	719.55
22 34 36 26-0013	EA	300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	9,202.87	799.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 26-0014	EA	400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	10,799.16	959.39
22 34 36 26-0015	EA	500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	15,389.49	999.37
22 34 36 26-0016	EA	750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	16,910.54	1,199.25
22 34 36 26-0017	EA	1,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	20,873.41	1,439.10
22 34 36 26-0018	EA	1,250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	23,780.41	1,519.04
22 34 36 26-0019	EA	1,500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	26,379.12	1,638.97
22 34 36 26-0020	EA	1,750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	28,826.67	1,718.92
22 34 36 26-0021	EA	2,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	30,977.61	1,758.89
22 34 36 26-0022		Patterson Kelley Thermific Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36 26)*		
22 34 36 26-0023	EA	700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	24,159.94	1,199.25
22 34 36 26-0024	EA	1,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	26,597.04	1,439.10
22 34 36 26-0025	EA	1,500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	31,871.46	1,638.97
22 34 36 26-0026	EA	1,700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	32,842.32	1,718.92
22 34 36 26-0027	EA	2,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	34,368.95	1,758.89
22 34 36 26-0028		Patterson Kelley Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36 26)*		
22 34 36 26-0029	EA	1,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	29,058.58	1,439.10
22 34 36 26-0030	EA	1,500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	35,137.77	1,638.97
22 34 36 26-0031	EA	2,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	37,291.26	1,758.89

22 34 46 Oil-Fired Domestic Water Heaters *(22 34)*

22 34 46 11 Standard-capacity, Oil-Fired Domestic Water Heaters *(22 34 46)*

22 34 46 11-0001 Oil-Fired Domestic Water Heaters (Bock) *(22 34 46 11)*

Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 46 11-0002	EA	60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E)	2,138.80	167.02
22 34 46 11-0003	EA	104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E)	2,108.57	167.02
22 34 46 11-0004	EA	104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES)	2,205.70	167.02
22 34 46 11-0005	EA	125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E)	2,332.30	171.36
22 34 46 11-0006	EA	140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES)	2,993.75	175.69
22 34 46 11-0007	EA	152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E)	2,513.44	175.69

22 34 46 11-0008 Oil Fired Commercial Water Heaters *(22 34 46 11)*

Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 46 11-0009	EA	173 MBH, 68 Gallon, Oil-Fired Commercial Water Heater (Bock 71E)	3,473.03	260.29
22 34 46 11-0010	EA	199 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 72E)	4,105.38	260.29
22 34 46 11-0011	EA	242 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 73E)	4,129.71	260.29
22 34 46 11-0012	EA	190 MBH, 113 Gallon, Oil-Fired Commercial Water Heater (Bock 120E)	5,964.48	347.05
22 34 46 11-0013	EA	415 MBH, 91 Gallon, Oil-Fired Commercial Water Heater (Bock 361E)	8,206.74	433.82
22 34 46 11-0014	EA	623 MBH, 83 Gallon, Oil-Fired Commercial Water Heater (Bock 541E)	10,370.96	477.21

22 35 Domestic Water Heat Exchangers *(22 30)*

22 35 23 Circulating, Domestic Water Heat Exchangers *(22 35)*

22 35 23 13 Circulating, Compact Domestic Water Heat Exchangers *(22 35 23)*

22 35 23 13-0001 Steam Driven Water Heaters *(22 35 23 13)*

22 35 23 13-0002 Constant Flow *(22 35 23 13-0001)*

22 35 23 13-0003	EA	30 GPM, 700 LB/Hour Steam Water Heater, Constant Flow	6,146.20	542.28
22 35 23 13-0004	EA	90 GPM, 1,250 LB/Hour Steam Water Heater, Constant Flow	7,676.69	664.50
22 35 23 13-0005	EA	140 GPM, 2,500 LB/Hour Steam Water Heater, Constant Flow	9,836.71	869.06
22 35 23 13-0006	EA	230 GPM, 5,000 LB/Hour Steam Water Heater, Constant Flow	13,310.27	1,210.47
22 35 23 13-0007	EA	500 GPM, 7,500 LB/Hour Steam Water Heater, Constant Flow	19,637.41	1,993.63
22 35 23 13-0008	EA	900 GPM, 10,000 LB/Hour Steam Water Heater, Constant Flow	21,400.28	2,259.45
22 35 23 13-0009	EA	1,400 GPM, 15,000 LB/Hour Steam Water Heater, Constant Flow	28,087.40	2,607.05
22 35 23 13-0010	EA	2,400 GPM, 20,000 LB/Hour Steam Water Heater, Constant Flow	33,796.13	3,081.11

22 35 23 13-0011 Variable Flow *(22 35 23 13-0001)*

22 35 23 13-0012	EA	30 GPM, 700 LB/Hour Steam Water Heater, Variable Flow	9,256.00	1,057.44
22 35 23 13-0013	EA	90 GPM, 1,250 LB/Hour Steam Water Heater, Variable Flow	10,489.40	1,291.16
22 35 23 13-0014	EA	140 GPM, 2,500 LB/Hour Steam Water Heater, Variable Flow	13,380.37	1,669.56
22 35 23 13-0015	EA	230 GPM, 5,000 LB/Hour Steam Water Heater, Variable Flow	17,545.44	2,329.41
22 35 23 13-0016	EA	500 GPM, 7,500 LB/Hour Steam Water Heater, Variable Flow	26,177.45	3,895.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 35 23 13-0017	EA	900 GPM, 10,000 LB/Hour Steam Water Heater, Variable Flow	31,863.94	4,290.18
22 35 23 13-0018	EA	1,400 GPM, 15,000 LB/Hour Steam Water Heater, Variable Flow	36,909.98	5,021.06
22 35 23 13-0019	EA	2,400 GPM, 20,000 LB/Hour Steam Water Heater, Variable Flow	46,744.85	5,998.67

22 40 Plumbing Fixtures *(22)*

Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards listed in section. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.

22 41 Residential Plumbing Fixtures *(22 40)*

22 41 39 Residential Faucets, Supplies, and Trim *(22 41)*

22 41 39 00-0001 Residential Kitchen Faucets *(22 41 39)*

22 41 39 00-0002	EA	Chrome Single Handle Kitchen Faucet (Delta 100LF-WF)	173.47	49.94
22 41 39 00-0003	EA	Chrome Single Handle Kitchen Faucet With Spray (Delta 400LF-WF)	198.91	49.94
22 41 39 00-0004	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta 300LF-WF)	198.91	49.94
22 41 39 00-0005	EA	Chrome Two Handle Kitchen Faucet, Three Hole Installation 8"Center (Delta 2102LF-LHP+H215)	191.88	49.94
22 41 39 00-0006	EA	Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta 2402LF-LHP+H215)	205.55	49.94

22 41 39 00-0007 Residential Lavatory Faucets *(22 41 39)*

22 41 39 00-0008	EA	Chrome, Single Acrylic Handle, Bath Faucet (Delta 502-DST)	156.61	35.96
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0009	EA	Chrome, Single Lever Handle, Lavatory Faucet (Delta 500-WF)	156.61	35.96
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0010	EA	Chrome, Two Handle, Bath Faucet With Acrylic Handles (Delta 2502LF)	114.77	35.96
		For Faucet With Brass Pop-Up, Add	*16.50*	
		For Faucet With Plastic Pop-Up, Add	*14.00*	

22 41 39 00-0011 Residential Bath And Shower Faucets *(22 41 39)*

22 41 39 00-0012	EA	Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501)	203.22	43.35
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	
22 41 39 00-0013	EA	Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502)	238.02	43.35
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	
22 41 39 00-0014	EA	Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3275)	188.05	43.35
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0015	EA	Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3375)	206.79	43.35
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0016	EA	Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602)	228.22	27.12
22 41 39 00-0017	EA	Wall Mount, Hand Shower With Hose (Delta 55011)	190.96	27.12
22 41 39 00-0018	EA	Wall Mount, Hand Shower Unit With Hose (Delta Faucet 62001 DS)	299.06	27.12

22 41 39 00-0019 Residential Laundry Faucets *(22 41 39)*

22 41 39 00-0020	EA	Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123LF)	135.62	31.88

22 41 39 00-0021 Residential Laundry/Wash Basin Faucets *(22 41 39)*

22 41 39 00-0022	EA	Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF)	136.67	31.88
22 41 39 00-0023	EA	Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF+RP12503)	193.19	35.14

22 41 39 00-0024 Other Residential Faucets *(22 41 39)*

22 41 39 00-0025	EA	Sillcock, Compact, Brass, IPS Or Copper To Hose	40.10	8.13

22 42 Commercial Plumbing Fixtures *(22 40)*

Note: Prices are for commercial grade unless otherwise indicated. Includes final connection and all associated trim (seat, supply stop and line, wax seal, valve). Excludes rough-in within the wall and carrier.

22 42 13 Commercial Water Closets, Urinals, and Bidets *(22 42)*

22 42 13 13 Commercial Water Closets *(22 42 13)*

22 42 13 13-0001 Vitreous China Water Closets *(22 42 13 13)*

Note: With a 2" ball pass.

22 42 13 13-0002 Floor Mounted Elongated Vitreous China Water Closets *(22 42 13 13-0001)*

Note: Includes wax seal and toilet seat. Excludes flush valve.

22 42 13 13-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Madera™)	635.54	103.87
22 42 13 13-0004	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Priolo™)	768.65	103.87

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0005	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Yorkville™)	1,011.14	103.87
22 42 13 13-0006	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet®)	898.69	103.87
22 42 13 13-0007	EA	1 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Compact Cadet®)	835.20	103.87
22 42 13 13-0008	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet With Concealed Trapway (American Standard Cadet® 3 FloWise® RIGHT HEIGHT®)	839.57	103.87
22 42 13 13-0009	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Kohler® Wellcomme™)	625.80	103.87
22 42 13 13-0010	EA	1.28 GPF Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Toto® CT705E)	674.81	103.87

22 42 13 13-0011 Wall Hung Elongated Vitreous China Water Closets *(22 42 13 13-0001)*

Note: Includes wax seal and toilet seat. Excludes flush valve.

22 42 13 13-0012	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall®)	730.75	127.85
22 42 13 13-0013	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall® ADA Retrofit)	924.36	127.85
22 42 13 13-0014	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Glenwall™)	1,187.50	127.85
22 42 13 13-0015	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Kingston™)	733.93	127.85
22 42 13 13-0016	EA	Flush Valve Type, Blow Out, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Stratton™)	1,151.71	127.85
22 42 13 13-0017	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT708E Or CT708EV)	819.32	127.85
22 42 13 13-0018	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn Z5615-BWL)	686.41	127.85
22 42 13 13-0019	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Sloan ST-2459)	724.92	127.85

22 42 13 13-0020 Floor Mounted Elongated Handicapped Water Closets *(22 42 13 13-0001)*

Note: Includes wax seal and toilet seat. Excludes flush valve.

22 42 13 13-0021	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Madera™ ADA)	645.06	103.87
22 42 13 13-0022	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Colorado Right Height®)	661.89	103.87
22 42 13 13-0023	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Right Width™ Right Height®)	736.09	103.87
22 42 13 13-0024	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Huron)	827.89	103.87
22 42 13 13-0025	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Priolo® ADA)	824.07	103.87
22 42 13 13-0026	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Back Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Yorkville™ ADA)	1,117.05	103.87
22 42 13 13-0027	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Cadet Right Height™ ADA)	933.46	103.87
22 42 13 13-0028	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT705ELN)	720.65	103.87
22 42 13 13-0029	EA	2 Piece Tank Type, High Efficiency Water Closet Floor Mounted, Elongated, (Sterling 402077) With Open-Front Seat (Kohler K-4650)	828.66	103.87
22 42 13 13-0030	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler Highline™ ADA K-3519)	956.51	103.87
22 42 13 13-0031	EA	2 Piece Tank Type, Dual-Flush 1.1 And 1.6 GPF, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Vortens Vienna ELX-DF 3113-3436)	733.71	103.87
22 42 13 13-0032	EA	2 Piece Tank Type, High Eficiency Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Niagara Stealth™)	713.07	103.87
22 42 13 13-0033	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn HET Z5667-BWL)	682.03	103.87

22 42 13 13-0034 Floor Mounted, 10" High Bowl, Children's Height Vitreous China Water Closets *(22 42 13 13-0001)*

Note: Includes wax seal and toilet seat. Excludes flush valve.

22 42 13 13-0035	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Elongated Vitreous China Water Closet (Kohler® Primary™)	730.13	103.87
22 42 13 13-0036	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™)	653.47	103.87
22 42 13 13-0037	EA	2 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™)	772.81	103.87

22 42 13 13-0038 Floor Mounted Round Bowl Vitreous China Water Closets *(22 42 13 13-0001)*

22 42 13 13-0039	EA	2 Piece Tank Type, Floor Mounted, Floor Outlet, Round Vitreous China Water Closet (Toto® CST715) With SoftClose® Seat (Toto® SS113)	702.37	103.87
22 42 13 13-0040	EA	2 Piece Tank Type, Dual Flush, Floor Mounted, Floor Outlet, Round Vitreous China Water Closet (Vortens 3208-3412)	720.10	103.87

22 42 13 13-0041 Stainless Steel Water Closets *(22 42 13 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0042	EA	Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS)	3,491.99	224.73
22 42 13 13-0043	EA	Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS)	3,680.55	224.73

22 42 13 13-0044 Water Closet Carriers *(22 42 13 13)*

22 42 13 13-0045 Pipe Grip Adaptor Type, Water Closet Carriers *(22 42 13 13-0044)*

Note: Includes coated cast iron construction, plated hardware and adjustable feet. Excludes waste piping and fittings.

22 42 13 13-0046	EA	Pipe Grip Adaptor Type, Water Closet Carrier	629.57	52.73

22 42 13 13-0047 No-Hub, Water Closet Carriers *(22 42 13 13-0044)*

Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.

22 42 13 13-0048	EA	Vertical Close With Offset, No-Hub, Single Water Closet Carrier	995.98	52.73
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-89.90*	
		For Positioning Frame, Add	*56.31*	
		For Supply Pipe Support, Add	*57.65*	
		For Vandal Proof Trim, Add	*76.51*	
		For Auxiliary Inlet, Add	*245.37*	
		For Special Duty 500 LB Carrier, Add	*426.80*	
22 42 13 13-0049	EA	Vertical Close On Stack, No-Hub, Single Water Closet Carrier	995.98	52.73
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-89.90*	
		For Positioning Frame, Add	*56.31*	
		For Supply Pipe Support, Add	*57.65*	
		For Vandal Proof Trim, Add	*76.51*	
		For Auxiliary Inlet, Add	*245.37*	
		For Special Duty 500 LB Carrier, Add	*426.80*	
22 42 13 13-0050	EA	Horizontal Adjustable, No-Hub, Single Water Closet Carrier	1,091.27	52.73
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-89.90*	
		For Positioning Frame, Add	*56.31*	
		For Supply Pipe Support, Add	*57.65*	
		For Vandal Proof Trim, Add	*76.51*	
		For Auxiliary Inlet, Add	*245.37*	
		For Horizontal No Hub Cast Long Barrel, Add	*256.23*	
		For Carrier For Wide Chase Installations, Add	*331.14*	
		For Special Duty 1,000 LB Carrier, Add	*426.81*	
22 42 13 13-0051	EA	Vertical Adjustable On Stack, No-Hub, Single Water Closet Carrier	1,213.41	52.73
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-89.90*	
		For Positioning Frame, Add	*56.31*	
		For Supply Pipe Support, Add	*57.65*	
		For Vandal Proof Trim, Add	*76.51*	
		For 4" Branch, Add	*195.84*	
		For Auxiliary Inlet, Add	*245.37*	
		For Carrier For Wide Chase Installations, Add	*331.14*	
		For Double 4" Branches, Add	*393.00*	
		For Special Duty 1,000 LB Carrier, Add	*426.81*	
22 42 13 13-0052	EA	Vertical Close With Offset, No-Hub, Double Water Closet (Back To Back) Carrier	1,665.45	77.40
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-179.82*	
		For Positioning Frame, Add	*120.11*	
		For Supply Pipe Support, Add	*122.80*	
		For Vandal Proof Trim, Add	*153.02*	
		For Auxiliary Inlet, Add	*260.35*	
		For Special Duty 500 LB Carrier, Add	*853.60*	
22 42 13 13-0053	EA	Vertical Close On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	1,713.78	77.40
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-179.82*	
		For Positioning Frame, Add	*120.11*	
		For Supply Pipe Support, Add	*122.80*	
		For Vandal Proof Trim, Add	*153.02*	
		For Auxiliary Inlet, Add	*260.35*	
		For Special Duty 500 LB Carrier, Add	*853.60*	
22 42 13 13-0054	EA	Vertical Adjustable On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	2,098.97	77.40
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-179.82*	
		For Positioning Frame, Add	*120.11*	
		For Supply Pipe Support, Add	*122.80*	
		For Vandal Proof Trim, Add	*153.02*	
		For 4" Branch, Add	*203.33*	
		For Auxiliary Inlet, Add	*260.35*	
		For Double 4" Branches, Add	*407.98*	
		For Carrier For Wide Chase Installations, Add	*707.24*	
		For Special Duty 1,000 LB Carrier, Add	*853.63*	
22 42 13 13-0055	EA	Horizontal Adjustable, No-Hub, Double Water Closet (Back To Back) Carrier	1,972.80	77.40
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-179.82*	
		For Positioning Frame, Add	*120.11*	
		For Supply Pipe Support, Add	*122.80*	
		For Vandal Proof Trim, Add	*153.02*	
		For Horizontal No Hub Cast Long Barrel, Add	*263.72*	
		For Carrier For Wide Chase Installations, Add	*707.24*	
		For Special Duty 1,000 LB Carrier, Add	*853.63*	

22 42 13 13-0056 Hub And Spigot, Water Closet Carriers *(22 42 13 13-0044)*

Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0057	EA	Vertical Close With Offset, Hub And Spigot, Single Water Closet Carrier	995.98	52.73
		For Positioning Frame, Add	*56.31*	
		For Supply Pipe Support, Add	*57.65*	
		For Vandal Proof Trim, Add	*76.51*	
		For Hanger Type Closet Adapter, Add	*191.93*	
		For Auxiliary Inlet, Add	*245.37*	
22 42 13 13-0058	EA	Vertical Close On Stack, Hub And Spigot, Single Water Closet Carrier	995.98	52.73
		For Positioning Frame, Add	*56.31*	
		For Supply Pipe Support, Add	*57.65*	
		For Vandal Proof Trim, Add	*76.51*	
		For Auxiliary Inlet, Add	*245.37*	
		For Special Duty 500 LB Carrier, Add	*426.80*	
22 42 13 13-0059	EA	Vertical Adjustable On Stack, Hub And Spigot, Single Water Closet Carrier	1,259.04	52.73
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-89.90*	
		For Positioning Frame, Add	*56.31*	
		For Supply Pipe Support, Add	*57.65*	
		For Vandal Proof Trim, Add	*76.51*	
		For 4" Branch, Add	*195.84*	
		For Auxiliary Inlet, Add	*245.37*	
		For Carrier For Wide Chase Installations, Add	*331.14*	
		For Double 4" Branches, Add	*393.00*	
		For Special Duty 1,000 LB Carrier, Add	*426.81*	
22 42 13 13-0060	EA	Vertical Close With Offset, Hub And Spigot, Double Water Closet (Back To Back) Carrier	1,665.45	77.40
		For Positioning Frame, Add	*120.11*	
		For Supply Pipe Support, Add	*122.80*	
		For Vandal Proof Trim, Add	*153.02*	
		For Auxiliary Inlet, Add	*260.35*	
		For Hanger Type Closet Adapter, Add	*383.86*	
22 42 13 13-0061	EA	Vertical Adjustable On Stack, Hub And Spigot, Double Water Closet (Back To Back) Carrier	2,144.61	77.40
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-179.82*	
		For Positioning Frame, Add	*120.11*	
		For Supply Pipe Support, Add	*122.80*	
		For Vandal Proof Trim, Add	*153.02*	
		For 4" Branch, Add	*203.33*	
		For Auxiliary Inlet, Add	*260.35*	
		For Double 4" Branches, Add	*407.98*	
		For Carrier For Wide Chase Installations, Add	*707.24*	
		For Special Duty 1,000 LB Carrier, Add	*853.63*	

22 42 13 13-0062 Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Water Closet Carriers
(22 42 13 13-0044)

Note: Includes coated cast iron construction, plastic fitting adaptor with extension and plated hardware.

22 42 13 13-0063	EA	Vertical On Stack, Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Single Water Closet Carrier	761.10	52.73
		For Positioning Frame, Add	*56.31*	
		For Supply Pipe Support, Add	*57.65*	
		For Vandal Proof Trim, Add	*76.51*	
		For Hanger Type Closet Adapter, Add	*191.93*	

22 42 13 13-0064 Institutional Water Closet Carriers *(22 42 13 13-0044)*

Note: Includes coated cast iron construction, ABS extension with integral test cap, buttress feet, plated hardware and neoprene fixture gasket.

22 42 13 13-0065	EA	Vertical On Stack, No-Hub, 90 Degree Institutional, Double Waste Fitting With Vent And Carrier, Water Closet Carrier	2,767.37	77.40
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-179.82*	
		For Positioning Frame, Add	*120.11*	
		For Supply Pipe Support, Add	*122.80*	
		For Vandal Proof Trim, Add	*153.02*	
		For Auxiliary Inlet, Add	*260.35*	

22 42 13 13-0066 Removal And Reinstallation Of Fixtures And Trim *(22 42 13 13)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 13 13-0067	EA	Removal And Reinstallation Of Wall Hung Water Closet With Tank	456.61	
22 42 13 13-0068	EA	Removal And Reinstallation Of Wall Hung Water Closet With Flush Valve	456.61	
22 42 13 13-0069	EA	Removal And Reinstallation Of Floor Mount Water Closet With Tank	351.17	
22 42 13 13-0070	EA	Removal And Reinstallation Of Floor Mount Water Closet With Flush Valve	351.17	

22 42 13 16 Commercial Urinals *(22 42 13)*

22 42 13 16-0001 Vitreous China Urinals *(22 42 13 16)*

Note: Excludes flush valve unless indicated otherwise.

22 42 13 16-0002 Wall Hung Urinals *(22 42 13 16-0001)*

22 42 13 16-0003	EA	Wall Hung Washout, Vitreous China Urinal (American Standard Maybrook™)	560.26	106.88
22 42 13 16-0004	EA	Wall Hung, Washout, Vitreous China Urinal With Top Spud (American Standard Washbrook®)	685.95	106.88
22 42 13 16-0005	EA	Wall Hung, Washout, Vitreous China Urinal With Back Spud (American Standard Washbrook®)	712.23	106.88
22 42 13 16-0006	EA	Wall Hung, Blowout, Vitreous China Urinal (American Standard Lynbrook™)	750.84	106.88
22 42 13 16-0007	EA	Wall Hung Siphon Jet, Vitreous China Urinal (American Standard Trimbrook™)	683.90	106.88
22 42 13 16-0008	EA	Wall Hung, Siphon Jet, Vitreous China Urinal (American Standard Allbrook™)	577.77	106.88
22 42 13 16-0009	EA	Wall Hung, Washout, Vitreous China Urinal (Toto® UT447E Or UT447EV)	702.36	106.88
22 42 13 16-0010	EA	Wall Hung, Washout, Vitreous China Urinal (Toto® UT104E Or UT104EV)	600.79	106.88
22 42 13 16-0011	EA	Wall Hung, Washout, Vitreous China Urinal (Zurn Z5798)	650.15	106.88
22 42 13 16-0012	EA	Wall Hung, Washout, 0.125 To 0.5 GPF, HEU, Vitreous China Urinal (Sloan SU-1009-A)	593.53	106.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 16-0013	EA	Wall Hung, Washout, 1.0 GPF, HEU, Vitreous China Urinal (Sloan SU-1006-A)	591.38	106.88
22 42 13 16-0014		**Floor Mounted Urinals** *(22 42 13 16-0001)*		
22 42 13 16-0015	EA	Washout, Floor Mounted, Vitreous China Urinal (American Standard Stallbrook™)	940.45	134.83
22 42 13 16-0016	EA	Washout, Floor Mounted, Vitreous China Urinal (Kohler® Branham™)	1,062.23	134.83
22 42 13 16-0017	EA	Floor Mounted Urinal Seam Cover For 21" Centers (Kohler® K-4931)	307.75	24.97
22 42 13 16-0018	EA	Floor Mounted Urinal Seam Cover For 24" Centers (Kohler® K-4932)	349.72	24.97
22 42 13 16-0019		**Waterfree Urinals** *(22 42 13 16-0001)*		
22 42 13 16-0020	EA	Waterfree, Wall Hung, Vitreous China Urinal (American Standard Large FloWise® Flush-Free)	627.43	74.91
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-43.06*	
22 42 13 16-0021	EA	Waterfree, Wall Hung, Vitreous China Urinal (SLOAN WES-1000)	1,156.50	74.91
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-103.38*	
22 42 13 16-0022	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-2000)	995.46	74.91
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-85.02*	
22 42 13 16-0023	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-4000)	762.47	74.91
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-58.46*	
22 42 13 16-0024	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-5000)	762.47	74.91
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-58.46*	
22 42 13 16-0025	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-7000)	945.69	74.91
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-79.34*	
22 42 13 16-0026	EA	Waterfree, Wall Hung, Stainless Steel Urinal (Falcon F-9000)	1,435.21	74.91
		For >1, Deduct	*-135.15*	
22 42 13 16-0027		**Stainless Steel Urinals** *(22 42 13 16)*		
22 42 13 16-0028	EA	Wall Hung Urinal, Stainless Steel, Blowout Jet (Acorn 2160-T-1)	3,598.06	224.73
22 42 13 16-0029	EA	5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C)	4,666.35	274.67
22 42 13 16-0030		**Urinal Carriers** *(22 42 13 16)*		
22 42 13 16-0031		**Floor Mounted, Urinal Carriers** *(22 42 13 16-0030)*		
		Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 13 16-0032	EA	Floor Mounted Hanger Plate Type, Single Urinal Carrier	554.74	37.96
		For Up To 4" Extension Sleeves And Hardware, Add	*28.18*	
22 42 13 16-0033	EA	Floor Mounted Bearing Plate Type, Single Urinal Carrier	605.74	37.96
		For Up To 4" Extension Sleeves And Hardware, Add	*28.18*	
22 42 13 16-0034		**Wall Mounted, Urinal Carriers** *(22 42 13 16-0030)*		
		Note: Includes wall plate and adjustable supporting rods.		
22 42 13 16-0035	EA	Wall Mounted Hanger Plate Type, Single Urinal Carrier	236.65	37.96
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*28.18*	
22 42 13 16-0036		**Removal And Reinstallation Of Fixtures And Trim** *(22 42 13 16)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 16-0037	EA	Removal And Reinstallation Of Wall Hung Urinal With Flush Valve	455.01	
22 42 16		**Commercial Lavatories and Sinks** *(22 42)*		
22 42 16 13		**Commercial Lavatories** *(22 42 16)*		
22 42 16 13-0001		**Lavatories** *(22 42 16 13)*		
		Note: Includes trap, drain and supply valves. Excludes faucets.		
22 42 16 13-0002		**Wall Hung Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0003	EA	19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	566.54	66.92
22 42 16 13-0004	EA	20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	593.34	66.92
22 42 16 13-0005	EA	22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler® Hampton™)	743.48	66.92
22 42 16 13-0006	EA	18" x 16" Vitreous China Wall Hung Lavatory (American Standard Penlyn™)	517.66	66.92
22 42 16 13-0007	EA	19" x 17" Vitreous China Wall Hung Lavatory (American Standard Declyn™)	442.77	66.92
22 42 16 13-0008	EA	20" x 18" Vitreous China Wall Hung Lavatory (Kohler® Soho®)	566.10	66.92
22 42 16 13-0009	EA	27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard Wheel Chair Users)	671.39	66.92
22 42 16 13-0010	EA	20" x 18" Vitreous China Wall Hung Lavatory (American Standard Roxalyn™)	530.27	66.92
22 42 16 13-0011	EA	20" x 18" Vitreous China Wall Hung Lavatory (American Standard Lucerne™)	464.84	66.92
22 42 16 13-0012		**Countertop Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0013	EA	20" x 18" Oval Vitreous China Countertop Lavatory (Kohler® Pennington®)	525.72	80.90
22 42 16 13-0014	EA	21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval)	537.41	80.90
22 42 16 13-0015	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Farmington™)	569.90	80.90
22 42 16 13-0016	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Ellington™)	604.57	80.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0017	EA	24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler® Thoreau®)	794.34	87.39
22 42 16 13-0018		**Undermount Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0019	EA	15" x 12" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	508.92	80.90
22 42 16 13-0020	EA	17" x 14" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	476.72	80.90
22 42 16 13-0021	EA	19" x 16" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	476.72	80.90
22 42 16 13-0022	EA	21" x 17" Vitreous China Undermount Lavatory (American Standard Ovalyn™)	515.77	80.90
22 42 16 13-0023	EA	15" x 12" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®)	492.27	80.90
22 42 16 13-0024	EA	17" x 14" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®)	486.33	80.90
22 42 16 13-0025	EA	19" x 15" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®)	492.38	80.90
22 42 16 13-0026	EA	18" x 12" Rectangular Vitreous China Undermount Lavatory (Kohler® Ladena®)	625.68	80.90
22 42 16 13-0027	EA	21" x 14" Rectangular Vitreous China Undermount Lavatory (Kohler® Ladena®)	625.68	80.90
22 42 16 13-0028		**Pedestal Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0029	EA	19" x 24" x 35" High Vitreous China Pedestal Sink (American Standard Cadet™)	646.39	192.26
22 42 16 13-0030		**Cultured Marble Vanity Tops** *(22 42 16 13-0001)*		
		Note: Includes predrilled holes for faucet.		
22 42 16 13-0031	EA	25" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	395.99	74.91
22 42 16 13-0032	EA	31" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	451.90	79.90
22 42 16 13-0033	EA	37" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	554.35	84.89
22 42 16 13-0034	EA	49" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	780.71	89.89
22 42 16 13-0035	EA	25" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	429.82	74.91
22 42 16 13-0036	EA	31" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	461.43	79.90
22 42 16 13-0037	EA	37" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	610.63	84.89
22 42 16 13-0038	EA	43" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	669.81	87.39
22 42 16 13-0039	EA	49" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	756.91	89.89
22 42 16 13-0040		**Quartz Vanity Tops** *(22 42 16 13-0001)*		
		Note: Includes predrilled holes for faucet.		
22 42 16 13-0041	EA	25" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	715.30	74.91
22 42 16 13-0042	EA	31" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	745.90	79.90
22 42 16 13-0043	EA	37" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	853.93	84.89
22 42 16 13-0044	EA	43" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	860.34	87.39
22 42 16 13-0045	EA	49" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	936.56	89.89
22 42 16 13-0046	EA	61" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks	1,244.70	94.88
22 42 16 13-0047	EA	73" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks	1,464.58	99.86
22 42 16 13-0048	EA	22" End Splash For Quartz Vanity Tops	39.72	
22 42 16 13-0049		**Solid Surface Vanity Tops** *(22 42 16 13-0001)*		
		Note: Includes predrilled holes for faucet.		
22 42 16 13-0050	EA	25" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	604.25	74.91
22 42 16 13-0051	EA	31" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	675.93	79.90
22 42 16 13-0052	EA	37" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	757.13	84.89
22 42 16 13-0053	EA	43" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	830.95	87.39
22 42 16 13-0054	EA	49" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	898.47	89.89
22 42 16 13-0055	EA	55" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	987.35	92.39
22 42 16 13-0056	EA	61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	1,096.30	94.88
22 42 16 13-0057	EA	61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks	1,123.27	94.88
22 42 16 13-0058	EA	73" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks	1,210.78	99.86
22 42 16 13-0059	EA	22" End Splash For Solid Surface Vanity Tops	58.65	
22 42 16 13-0060		**Solid Surface Multi-Station Lavatory Systems** *(22 42 16 13-0001)*		
		Note: ADA compliant. Includes integral faucets.		
22 42 16 13-0061	EA	2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2)	6,484.85	143.30
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*563.00*	
22 42 16 13-0062	EA	3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3)	9,527.15	143.30
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*657.00*	
22 42 16 13-0063	EA	12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12)	431.47	47.77
22 42 16 13-0064	EA	18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18)	537.68	47.77
22 42 16 13-0065	EA	36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36)	1,078.62	47.77
22 42 16 13-0066		**Stainless Steel Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0067	EA	18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1)	1,815.63	174.79
22 42 16 13-0068		**Lavatory Carriers** *(22 42 16 13)*		
22 42 16 13-0069		**Floor Mounted, Lavatory Carriers** *(22 42 16 13-0068)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0070		Floor Mounted Plate Type, Lavatory Carriers *(22 42 16 13-0069)*		
		Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 16 13-0071	EA	Floor Mounted Hanger Plate Type, Single Lavatory Carrier	554.74	37.96
		For Up To 4" Extension Sleeves And Hardware, Add	*28.18*	
		For Valve Plate For Attaching To Upright, Add	*97.48*	
		For Corner Carrier, Add	*189.60*	
22 42 16 13-0072	EA	Floor Mounted Bearing Plate Type, Single Lavatory Carrier	605.74	37.96
		For Up To 4" Extension Sleeves And Hardware, Add	*28.18*	
		For Valve Plate For Attaching To Upright, Add	*97.48*	
22 42 16 13-0073	EA	Floor Mounted Hanger Plate Type, Double Lavatory (Back To Back) Carrier	695.67	37.96
		For Up To 4" Extension Sleeves And Hardware, Add	*56.36*	
		For Valve Plate For Attaching To Upright, Add	*194.95*	
22 42 16 13-0074	EA	Floor Mounted Bearing Plate Type, Double Lavatory (Back To Back) Carrier	799.02	37.96
		For Up To 4" Extension Sleeves And Hardware, Add	*56.36*	
		For Valve Plate For Attaching To Upright, Add	*194.95*	
22 42 16 13-0075		Floor Mounted, Lavatory Carriers With Arms *(22 42 16 13-0069)*		
		Note: Includes leveling and securing screws, structural uprights and welded feet.		
22 42 16 13-0076	EA	Floor Mounted, Single Lavatory Carrier With Concealed Arms	715.64	44.94
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*28.18*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*38.93*	
		For Valve Plate For Attaching To Upright, Add	*99.47*	
		For 2" Chrome Plated Escutcheons, Add	*95.29*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*173.14*	
22 42 16 13-0077	EA	Floor Mounted, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	962.60	44.94
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*28.18*	
		For Vandal Proof Trim, Add	*76.51*	
		For Valve Plate For Attaching To Upright, Add	*99.47*	
		For Heavy Duty Carrier, Add	*97.97*	
22 42 16 13-0078	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Concealed Arms	961.25	44.94
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*56.36*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*77.86*	
		For Valve Plate For Attaching To Upright, Add	*198.95*	
		For 2" Chrome Plated Escutcheons, Add	*190.58*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*346.27*	
22 42 16 13-0079	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Exposed Acid Resistant White Coated Arms	1,433.70	44.94
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*56.36*	
		For Vandal Proof Trim, Add	*153.02*	
		For Valve Plate For Attaching To Upright, Add	*198.95*	
		For Heavy Duty Carrier, Add	*195.95*	
22 42 16 13-0080		Wall Mounted, Lavatory Carriers *(22 42 16 13-0068)*		
22 42 16 13-0081		Wall Mounted Plate Type, Lavatory Carriers *(22 42 16 13-0080)*		
		Note: Includes wall plate and adjustable supporting rods.		
22 42 16 13-0082	EA	Wall Mounted Hanger Plate Type, Single Lavatory Carrier	236.65	37.96
		For Double Plate Carrier, Add	*73.74*	
22 42 16 13-0083		Wall Mounted Plate Type, Lavatory Carriers With Arms *(22 42 16 13-0080)*		
		Note: Includes wall plate and leveling and securing screws.		
22 42 16 13-0084	EA	Wall Mounted Fixed Steel Plate Type, Single Lavatory Carrier With Concealed Arms	402.92	44.94
		For Up To 4" Extension Sleeves And Hardware, Add	*28.18*	
		For 2" Chrome Plated Escutcheons, Add	*95.29*	
22 42 16 13-0085	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Concealed Arms	478.09	44.94
		For Movable Mounting Brackets, Deduct	*-72.48*	
		For Up To 4" Extension Sleeves And Hardware, Add	*28.18*	
		For 2" Chrome Plated Escutcheons, Add	*95.29*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*173.14*	
22 42 16 13-0086	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	710.28	44.94
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*28.18*	
		For Vandal Proof Trim, Add	*76.51*	
22 42 16 13-0087		Removal And Reinstallation Of Lavatory And Trim *(22 42 16 13)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 16 13-0088	EA	Removal And Reinstallation Of Wall Hung Lavatory With Faucet	293.77	
22 42 16 16		**Commercial Sinks** ***(22 42 16)***		
22 42 16 16-0001		Sinks *(22 42 16 16)*		
		Note: Includes drain, trap and supply valves. Excludes faucets.		
22 42 16 16-0002		Kitchen Sinks *(22 42 16 16-0001)*		
22 42 16 16-0003	EA	25" x 22" x 8-3/4" Enameled Cast Iron Kitchen Sink, Single Bowl (Kohler® Mayfield®)	691.97	93.88
22 42 16 16-0004	EA	22" x 33" x 9-5/8" Enameled Cast Iron Kitchen Sink, Double Bowl (Kohler® Brookfield®)	898.43	106.88
22 42 16 16-0005	EA	15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517)	854.23	91.89
		For 18 Gauge, Add	*239.84*	
22 42 16 16-0006	EA	17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722)	876.09	91.89
		For 18 Gauge, Add	*250.77*	
22 42 16 16-0007	EA	22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222)	925.28	91.89
		For 18 Gauge, Add	*275.37*	

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22 42 16 16-0008	EA	25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522)	970.05	93.88
		For 18 Gauge, Add	*291.76*	
22 42 16 16-0009	EA	31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122)	1,223.15	106.88
		For 18 Gauge, Add	*399.25*	
22 42 16 16-0010	EA	33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321)	1,249.53	106.88
		For 18 Gauge, Add	*412.26*	
22 42 16 16-0011	EA	15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710)	1,208.56	91.89
22 42 16 16-0012	EA	17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210)	1,233.16	91.89
22 42 16 16-0013	EA	22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210)	1,295.10	91.89
22 42 16 16-0014	EA	25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210)	1,379.04	93.88
22 42 16 16-0015	EA	31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210)	1,668.57	106.88
22 42 16 16-0016	EA	33" x 22" x 8" Stainless Steel Kitchen Sink, Double Bowl, 18 Gauge (Elkay LR3322)	1,598.40	106.88

22 42 16 16-0017 Undermount Kitchen Sinks *(22 42 16 16-0001)*

22 42 16 16-0018	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU2115) With Strainer (Elkay LK99)	1,077.32	91.89
22 42 16 16-0019	EA	21" x 15" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU211510) With Strainer (Elkay LK99)	1,074.66	91.89
22 42 16 16-0020	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH2115) With Strainer (Elkay LK99)	1,086.43	91.89
22 42 16 16-0021	EA	21" x 15" x 10" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH211510) With Strainer (Elkay LK99)	1,148.37	91.89
22 42 16 16-0022	EA	21" x 15-3/4" x 4-3/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHAD2115) With Strainer (Elkay LK99) Note: Available in 4-1/2", 5, or 5-1/2" depths.	1,109.20	91.89
22 42 16 16-0023	EA	25" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF2520) With Strainer (Elkay LK99)	1,267.96	91.89
22 42 16 16-0024	EA	32" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF3320) With Strainer (Elkay LK99)	1,505.31	91.89
22 42 16 16-0025	EA	21" x 18" x 5-1/2" Deep, Single Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. US-ADA-1821-A)	879.94	91.89
22 42 16 16-0026	EA	32" x 18" x 5-1/2" Deep, Two Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. UD-ADA-1832-A)	1,146.45	91.89

22 42 16 16-0027 Multi-Station Wash Sink, Wall Mounted *(22 42 16 16-0001)*

Note: Includes concealed wall hanger, soap dish(s), strainer, supply lines and P-Trap. Excludes faucets.

22 42 16 16-0028	EA	36" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	1,883.34	162.30
22 42 16 16-0029	EA	48" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	2,504.25	174.79
22 42 16 16-0030	EA	60" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	2,874.23	187.27
22 42 16 16-0031	EA	48" Wide, 2 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,226.38	124.85
22 42 16 16-0032	EA	62" Wide, 3 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,471.27	137.33
22 42 16 16-0033	EA	80" Wide, 4 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,711.28	149.82
22 42 16 16-0034	EA	102" Wide, 5 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	3,008.06	168.55
22 42 16 16-0035	EA	27" Diameter, 2 Person, Stainless Steel, Sensor Operated Compact Wash Fountain Note: Includes sensor operated spray heads.	2,894.45	274.67

22 42 16 16-0036 Utility Or Laundry Sinks *(22 42 16 16-0001)*

22 42 16 16-0037	EA	23" x 21" Molded Stone Single Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FL-1)	631.19	106.88
22 42 16 16-0038	EA	40" x 24" Molded Stone Double Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FLTD-II)	728.86	106.88
22 42 16 16-0039	EA	22" x 17" Molded Stone Single Laundry Sink, Drop-In (Fiat Products DL1)	629.29	106.88
22 42 16 16-0040	EA	24" x 21" Enameled Cast Iron Single Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2210)	974.50	106.88
22 42 16 16-0041	EA	48" x 21" Enameled Cast Iron Double Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2220)	1,390.38	119.86

22 42 16 16-0042 Refinish Sink/Lavatory *(22 42 16 16-0001)*

22 42 16 16-0043	EA	Refinish Sink/Lavatory	233.72	

22 42 16 16-0044 Service Sinks *(22 42 16 16-0001)*

22 42 16 16-0045	EA	22" x 18" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Lakewell™)	1,002.81	160.81
22 42 16 16-0046	EA	24" x 20" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Akron™)	1,056.08	160.81
22 42 16 16-0047	EA	28" x 28" Enameled Cast Iron Floor Type Corner Service Sink With Removable Vinyl Coated Rim Guard (American Standard Florwell™)	1,321.95	212.74
22 42 16 16-0048	EA	12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zurn FD2377-PO3-F)	549.78	149.82
22 42 16 16-0049	EA	24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424)	634.84	149.82
22 42 16 16-0050	EA	36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624)	699.54	179.78
22 42 16 16-0051	EA	24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010)	600.82	149.82
22 42 16 16-0052	EA	36" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2436-010)	681.58	179.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 16-0053	EA	24" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-24)	931.99	149.82
22 42 16 16-0054	EA	36" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-3624)	1,151.17	179.78
22 42 16 16-0055	EA	33" x 33" x 10", Type 304 Stainless Steel, ADA Mop Sink (IMC Teddy FS-ADA)	1,963.05	66.62
22 42 16 16-0056		**Soapstone Sinks** *(22 42 16 16-0001)*		
22 42 16 16-0057	EA	26-1/2" x 18-1/2" x 7-3/4" Single Bowl Soapstone Sink	1,061.14	91.89
22 42 16 16-0058	SF	Soapstone Sink Backsplash	170.18	
22 42 16 16-0059	EA	30" x 18-1/2" x 10" Single Bowl Soapstone Sink	1,354.86	106.88
22 42 16 16-0060	EA	36" x 18-1/2" x 10" Double Bowl Soapstone Sink	1,589.22	106.88
22 42 16 16-0061		**Stainless Steel Sink And Drainboard** *(22 42 16 16-0001)*		
22 42 16 16-0062	EA	Stainless Steel Sink With One 24" x 24" x 14" Depth Compartment And Drainboard, 14 Gauge Stainless Steel With Tubular Adjustable Legs (Advance Tabco 94-41-24-24L)	4,381.39	249.70
22 42 16 16-0063		**Classroom Sinks** *(22 42 16 16-0001)* Note: Includes drain, trap and supply valves.		
22 42 16 16-0064	EA	25" x 17" x 6-1/2", 20 Gauge Stainless Steel, Top Mounting Type, 15-34" x 14" x 6-3/8" Deep Single Bowl, Drop-In Classroom ADA Sink (Elkay CDKAD2517654) Note: Includes single manual handle faucet, gooseneck faucet and basket strainer (LKD208513LC, LK1141A, LK35)	753.14	91.89
22 42 16 16-0065		**Sink Carriers** *(22 42 16 16)*		
22 42 16 16-0066		**Floor Mounted, Sink Carriers** *(22 42 16 16-0065)* Note: With support plates, adjustable coupling with 4" piping connection, mounting studs, structural uprights, welded feet and chrome plated trim.		
22 42 16 16-0067	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling	816.46	37.96
		For Vandal Proof Trim, Add	*76.51*	
		For Valve Plate For Attaching To Upright, Add	*97.48*	
22 42 16 16-0068	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling And 4" x 2" Waste Fitting	1,276.82	37.96
		For Vandal Proof Trim, Add	*76.51*	
		For Auxiliary Vent, Add	*225.00*	
22 42 16 16-0069	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With Exposed Acid Resistant White Coated Arms	1,604.33	37.96
		For Up To 4" Extension Sleeves And Hardware, Add	*57.71*	
		For Vandal Proof Trim, Add	*76.51*	
22 42 16 16-0070		**Removal And Reinstallation Of Sink And Trim** *(22 42 16 16)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 16 16-0071	EA	Removal And Reinstallation Of Wall Hung Service Sink With Faucet	402.74	
22 42 19		**Commercial Bathtubs** *(22 42)*		
22 42 19 00-0001		**Recessed Alcove Bathtubs** *(22 42 19)*		
22 42 19 00-0002		**Porcelain Enameled Cast Iron, Recessed Alcove Bathtubs** *(22 42 19 00-0001)*		
22 42 19 00-0003	EA	54" x 30-1/4" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Seaforth™)	1,470.43	277.66
22 42 19 00-0004	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Mendota®)	1,260.63	277.66
22 42 19 00-0005	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®)	1,475.70	277.66
22 42 19 00-0006	EA	66" x 32" x 17", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Bellwether®)	1,897.65	277.66
22 42 19 00-0007		**Porcelain Enameled Steel, Recessed Alcove Bathtubs** *(22 42 19 00-0001)*		
22 42 19 00-0008	EA	60" x 30" x 14-1/4", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Salem®)	654.53	277.66
22 42 19 00-0009	EA	60" x 30" x 16-5/8", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Solar®)	669.55	277.66
22 42 19 00-0010		**Porcelain Finished Metal Alloy, Recessed Alcove Bathtubs** *(22 42 19 00-0001)*		
22 42 19 00-0011	EA	60" x 32" x 17-3/4", Porcelain Finished Metal Alloy, Recessed Alcove Bathtub (American Standard Cambridge™)	965.32	277.66
22 42 19 00-0012		**Acrylic, Recessed Alcove Bathtubs** *(22 42 19 00-0001)*		
22 42 19 00-0013	EA	60" x 32" x 19", Acrylic, Recessed Alcove Bathtub (Kohler® Archer®)	993.73	277.66
22 42 19 00-0014	EA	60" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,175.37	277.66
22 42 19 00-0015	EA	66" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,198.83	277.66
22 42 19 00-0016	EA	72" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,184.41	277.66
22 42 19 00-0017	EA	72" x 42" x 21", Acrylic, Recessed Alcove Bathtub (Kohler® Windward®)	1,236.28	277.66
22 42 19 00-0018		**Bathtub Refinishing** *(22 42 19 00-0001)*		
22 42 19 00-0019	EA	Refinish Porcelain Finished Bathtub With Acrylic Urethane Enamel	595.74	
22 42 19 00-0020		**Tub And Shower Combinations** *(22 42 19)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 19 00-0021		Acrylic Tub And Shower Combination *(22 42 19 00-0020)*		
22 42 19 00-0022	EA	1 Piece, 60" x 32" x 72" Acrylic Tub And Shower (Delta 226032)	1,218.26	103.17
		For 2 Piece Enclosure, Deduct	*-264.35*	
22 42 19 00-0023		Fiberglass Tub And Shower Combination *(22 42 19 00-0020)*		
22 42 19 00-0024	EA	1 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Aquatic 2603-SG)	827.34	103.17
22 42 19 00-0025	EA	2 Piece 60" x 30" x 72" Fiberglass Tub And Shower (Aquatic 2603-2P)	656.30	68.78
22 42 19 00-0026	EA	4 Piece 60" x 32" x 75-1/2" Fiberglass Tub And Shower (Aquatic 26030-4P)	1,310.96	155.73
22 42 19 00-0027	EA	3 Piece Tub/Shower Surrounds, 32" x 72" Side Walls, 48" x 72" Back, (Swanstone SK-324872)	3,301.54	318.93
		For 2 Piece Enclosure, Deduct	*-684.47*	
22 42 23		**Commercial Showers** *(22 42)*		
22 42 23 00-0001		Shower Enclosures *(22 42 23)*		
		Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain.		
22 42 23 00-0002		Powder Coated Or Baked Enamel Steel Shower Enclosure *(22 42 23 00-0001)*		
22 42 23 00-0003	EA	32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,648.31	161.10
22 42 23 00-0004	EA	36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,648.31	161.10
22 42 23 00-0005	EA	40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	2,497.03	161.10
22 42 23 00-0006	EA	40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions)	2,748.99	161.10
22 42 23 00-0007		Solid Plastic Core High Density Polymer (HDP) Shower Enclosure *(22 42 23 00-0001)*		
22 42 23 00-0008	EA	32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	2,722.47	161.10
22 42 23 00-0009	EA	36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	2,722.47	161.10
22 42 23 00-0010	EA	40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	3,915.98	161.10
22 42 23 00-0011	EA	40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions)	4,380.12	161.10
22 42 23 00-0012		Composite Fiberglass Shower Enclosure, 4 Piece Knock-Down *(22 42 23 00-0001)*		
22 42 23 00-0013	EA	32" x 32" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3232CS)	1,377.91	161.10
22 42 23 00-0014	EA	36" x 36" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3636CS)	1,417.09	161.10
22 42 23 00-0015	EA	34" x 48" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 4834CS)	1,456.26	161.10
22 42 23 00-0016	EA	30" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6030CSL)	1,534.61	161.10
22 42 23 00-0017	EA	34" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6034CS)	1,638.42	161.10
22 42 23 00-0018		1 Piece Shower Units *(22 42 23)*		
22 42 23 00-0019	EA	1 Piece, 32" x 32" x 73" Fiberglass Shower With Drain (Swanstone FS03232)	1,179.84	103.17
22 42 23 00-0020	EA	1 Piece, 36" x 36" x 73" Fiberglass Shower With Drain (Swanstone FS03636)	1,323.68	103.17
22 42 23 00-0021		Personnel Type Shower Receptors *(22 42 23)*		
22 42 23 00-0022		Acrylic Shower Receptors *(22 42 23 00-0021)*		
22 42 23 00-0023	EA	36" x 36" Acrylic Shower Receptor	437.82	40.67
22 42 23 00-0024	EA	42" x 42" Acrylic Shower Receptor	463.03	40.67
22 42 23 00-0025	EA	48" x 48" Acrylic Shower Receptor	513.37	40.67
22 42 23 00-0026	EA	60" x 60" Acrylic Shower Receptor	624.41	48.81
22 42 23 00-0027	EA	48" x 32" Acrylic Shower Receptor	439.01	40.67
22 42 23 00-0028	EA	48" x 36" Acrylic Shower Receptor	472.16	40.67
22 42 23 00-0029	EA	48" x 42" Acrylic Shower Receptor	533.84	40.67
22 42 23 00-0030	EA	60" x 32" Acrylic Shower Receptor	593.04	48.81
22 42 23 00-0031	EA	60" x 36" Acrylic Shower Receptor	597.31	48.81
22 42 23 00-0032	EA	60" x 42" Acrylic Shower Receptor	601.22	48.81
22 42 23 00-0033	EA	60" x 48" Acrylic Shower Receptor	662.50	48.81
22 42 23 00-0034	EA	36" x 36" Acrylic Corner Shower Receptor	639.88	40.67
22 42 23 00-0035	EA	42" x 42" Acrylic Corner Shower Receptor	735.02	40.67
22 42 23 00-0036		Molded Stone Shower Receptors *(22 42 23 00-0021)*		
22 42 23 00-0037	EA	32" x 32" Molded Stone Shower Receptor (Fiat 32WL)	291.24	40.67
22 42 23 00-0038	EA	34" x 34" Molded Stone Shower Receptor (Fiat 34WL)	305.46	40.67
22 42 23 00-0039	EA	36" x 36" Molded Stone Shower Receptor (Fiat 36WL)	307.05	40.67
22 42 23 00-0040	EA	42" x 42" Molded Stone Shower Receptor (Fiat 4242WL)	377.37	40.67
22 42 23 00-0041	EA	42" x 34" Molded Stone Shower Receptor (Fiat 42WL)	334.70	40.67
22 42 23 00-0042	EA	48" x 32" Molded Stone Shower Receptor (Fiat 4832WL)	354.46	40.67
22 42 23 00-0043	EA	48" x 34" Molded Stone Shower Receptor (Fiat 48WL)	356.83	40.67
22 42 23 00-0044	EA	54" x 34" Molded Stone Shower Receptor (Fiat 54WL)	413.19	48.81
22 42 23 00-0045	EA	60" x 34" Molded Stone Shower Receptor (Fiat 60WL)	428.20	48.81
22 42 23 00-0046	EA	36" x 36" Molded Stone Corner Shower Receptor (Fiat 36WLC)	338.65	40.67
22 42 23 00-0047	EA	38" x 38" Molded Stone Corner Shower Receptor (Fiat 38WLC)	347.35	40.67
22 42 23 00-0048		Precast Terrazzo Shower Receptors *(22 42 23 00-0021)*		
22 42 23 00-0049	EA	30" x 30" Precast Terrazzo Shower Receptor	548.85	40.67
22 42 23 00-0050	EA	32" x 32" Precast Terrazzo Shower Receptor	570.19	40.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 23 00-0051	EA	34" x 34" Precast Terrazzo Shower Receptor	589.94	40.67
22 42 23 00-0052	EA	36" x 36" Precast Terrazzo Shower Receptor	592.31	40.67
22 42 23 00-0053	EA	40" x 40" Precast Terrazzo Shower Receptor	648.42	40.67
22 42 23 00-0054	EA	42" x 42" Precast Terrazzo Shower Receptor	676.86	40.67
22 42 23 00-0055	EA	48" x 48" Precast Terrazzo Shower Receptor	951.86	40.67
22 42 23 00-0056	EA	36" x 32" Precast Terrazzo Shower Receptor	585.20	40.67
22 42 23 00-0057	EA	42" x 32" Precast Terrazzo Shower Receptor	596.53	40.67
22 42 23 00-0058	EA	42" x 34" Precast Terrazzo Shower Receptor	616.81	40.67
22 42 23 00-0059	EA	42" x 36" Precast Terrazzo Shower Receptor	642.09	40.67
22 42 23 00-0060	EA	32" x 48" Precast Terrazzo Shower Receptor	644.46	40.67
22 42 23 00-0061	EA	48" x 34" Precast Terrazzo Shower Receptor	676.86	40.67
22 42 23 00-0062	EA	54" x 32" Precast Terrazzo Shower Receptor	709.26	40.67
22 42 23 00-0063	EA	60" x 30" Precast Terrazzo Shower Receptor	958.93	48.81
22 42 23 00-0064	EA	60" x 32" Precast Terrazzo Shower Receptor	1,048.59	48.81
22 42 23 00-0065	EA	60" x 34" Precast Terrazzo Shower Receptor	1,052.99	48.81
22 42 23 00-0066	EA	60" x 36" Precast Terrazzo Shower Receptor	1,057.36	48.81
22 42 23 00-0067	EA	32" x 32" Precast Terrazzo Corner Shower Receptor	595.47	40.67
22 42 23 00-0068	EA	34" x 34" Precast Terrazzo Corner Shower Receptor	596.53	40.67
22 42 23 00-0069	EA	36" x 36" Precast Terrazzo Corner Shower Receptor	598.63	40.67
22 42 23 00-0070	EA	40" x 40" Precast Terrazzo Corner Shower Receptor	717.95	40.67
22 42 23 00-0071	EA	36" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,306.66	40.67
22 42 23 00-0072	EA	60" x 30", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,454.68	48.81
22 42 23 00-0073	EA	60" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,516.32	48.81
22 42 23 00-0074		Shower Receptors Accessories *(22 42 23 00-0021)*		
22 42 23 00-0075	SF	Polyvinyl Chloride (PVC) Shower Pan Liner	3.65	
22 42 23 00-0076		Removal And Reinstallation Of Fixtures And Trim *(22 42 23)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 23 00-0077	EA	Removal And Reinstallation Of Shower Head	48.81	
22 42 23 00-0078		Removal Of Tile Shower Floor With Lead Liner Pan *(22 42 23)*		
		See CSI section 01 74 19 00-0031 for landfill dump fee.		
22 42 23 00-0079	SF	Removal Of Tile Shower Floor With Lead Liner Pan	0.00	3.73
22 42 33		**Wash Fountains** *(22 42)*		
22 42 33 00-0001		Circular Wash Fountain, Deep Bowl *(22 42 33)*		
		Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0002	EA	36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2705F-A-LSD)	8,719.60	167.19
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0003	EA	36" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2805F-A-LSD)	4,939.39	167.19
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0004	EA	36" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3105AIRLSDE)	8,568.83	167.19
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0005	EA	54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2708F-A-LSD)	11,116.21	191.07
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0006	EA	54" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2808F-A-LSD)	5,699.24	191.07
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0007	EA	54" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3108AIRLSDE)	10,267.52	191.07
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0008		Semi-Circular Wash Fountain, Deep Bowl *(22 42 33)*		
		Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0009	EA	36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2703F-A-LSD)	7,608.11	143.30
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0010	EA	36" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2803F-A-LSD)	4,510.04	143.30
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0011	EA	36" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3103AIRLSDE)	6,496.39	143.30
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 33 00-0012	EA	54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2704F-A-LSD)	9,336.67	167.19
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0013	EA	54" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2804F-A-LSD)	5,442.29	167.19
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0014	EA	54" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3104AIRLSDE)	7,728.11	167.19
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

22 42 39 Commercial Faucets, Supplies, and Trim *(22 42)*

22 42 39 00-0001 Kitchen Faucets *(22 42 39)*

22 42 39 00-0002	EA	Top Cast Kitchen Faucet, Single Handle, Chrome Finish (Delta 140-DST)	186.46	49.94
22 42 39 00-0003	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 440-DST)	209.78	49.94
22 42 39 00-0004	EA	Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish (Delta 140-SS-DST)	196.56	49.94
22 42 39 00-0005	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish (Delta 440 -SS-DST)	222.08	49.94
22 42 39 00-0006	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2102LF-LHP+H24)	174.14	49.94
22 42 39 00-0007	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2402LF-LHP+H24)	190.56	49.94
22 42 39 00-0008	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21987LF)	245.93	49.94
22 42 39 00-0009	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21996LF)	176.45	49.94
22 42 39 00-0010	EA	Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish (Delta 101LF-WF)	170.23	49.94
22 42 39 00-0011	EA	Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 175LF-WF)	200.63	49.94
22 42 39 00-0012	EA	Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2274-LHP+H24)	341.44	49.94
22 42 39 00-0013	EA	Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2276-LHP+H24)	374.09	49.94
22 42 39 00-0014	EA	Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 ABCP)	353.14	54.23
22 42 39 00-0015	EA	Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP)	351.55	54.23
22 42 39 00-0016	EA	Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP)	263.70	54.23
22 42 39 00-0017	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041CR)	601.99	49.94
22 42 39 00-0018	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041NK)	760.41	49.94
22 42 39 00-0019	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041RB)	813.22	49.94
22 42 39 00-0020	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041CR)	601.99	49.94
22 42 39 00-0021	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041NK)	760.41	49.94
22 42 39 00-0022	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041RB)	813.22	49.94

22 42 39 00-0023 Lavatory Faucets *(22 42 39)*

22 42 39 00-0024	EA	Single Handle Centerset Lavatory Faucet, Polished Chrome Finish (Delta Lahara 538-MPU-DST)	224.06	35.96
22 42 39 00-0025	EA	4" Centerset Lavatory Faucet With Chrome Lever Handle (Delta 501LF-WF)	156.61	35.96
22 42 39 00-0026	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2523LF-MPU)	193.51	35.96
22 42 39 00-0027	EA	4" Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2529LF-HDM)	211.90	35.96
22 42 39 00-0028	EA	Classic Style Widespread Lavatory Faucet With Chrome Lever Handles (Delta 3530LF-MPU)	259.42	35.96
22 42 39 00-0029	EA	Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 3579LF-WFHDF)	301.63	35.96
22 42 39 00-0030	EA	Self Closing/Metered Faucet, Brass, Single Hole, Push Handle (Delta 86T104)	185.57	35.96
22 42 39 00-0031	EA	Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002)	280.57	35.96
22 42 39 00-0032	EA	Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665)	203.22	35.96
22 42 39 00-0033	EA	3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710)	207.85	35.96
22 42 39 00-0034	EA	3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712)	250.23	35.96
22 42 39 00-0035	EA	4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805)	245.22	35.96
22 42 39 00-0036	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Zurn Z81104)	201.01	35.96

22 42 39 00-0037 Bath And Shower Faucets *(22 42 39)*

22 42 39 00-0038 Bath And Shower Faucets With Valve Body *(22 42 39 00-0037)*

22 42 39 00-0039	EA	Single Lever Handle Chrome Tub Filler, Pressure-Balance (American Standard T480 500)	208.58	43.35
22 42 39 00-0040	EA	Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501)	243.37	43.35
22 42 39 00-0041	EA	Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502)	265.68	43.35
22 42 39 00-0042	EA	Two Lever Handle, Chrome Tub Filler (American Standard Colony Soft 3275.505)	193.41	43.35
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0043	EA	Two Lever Handle, Chrome Shower Only (American Standard Colony Soft 3275.501)	202.33	43.35
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0044	EA	Two Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3275.502)	228.21	43.35
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0045	EA	Three Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3375.502)	257.65	43.35
		For Faucet With Metal Cross Handles, Add	*45.75*	

22 42 39 00-0046 Shower Valves And Trim *(22 42 39)*

See CSI section 22 41 39 00-0011 for residential shower valves and heads.

22 42 39 00-0047	EA	Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319)	341.53	67.42
22 42 39 00-0048	EA	Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP)	749.92	67.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0049	EA	Concealed Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 1762-ISCP)	524.95	67.42
22 42 39 00-0050	EA	Senior Institutional Shower Head (Symmons® 4-150)	203.00	43.35
22 42 39 00-0051	EA	Universal Institutional Shower Head (Symmons® 4-151)	335.86	43.35
22 42 39 00-0052	EA	Fre-Flo Institutional Shower Head (Symmons® 4-295)	237.98	43.35
22 42 39 00-0053	EA	Fre-Flo Institutional Shower Head With Short Arm (Symmons® 4-385)	180.69	43.35
22 42 39 00-0054	EA	Wall Mounted Shower Valve And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-300-B30-V-X)	748.94	64.92
22 42 39 00-0055	EA	Wall Mounted Shower Valve, Tub Faucet, And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-400-B30-V-X)	617.92	74.91
22 42 39 00-0056	EA	Wall Mounted Shower Valve, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-500-B30-V-X)	811.81	74.91
22 42 39 00-0057	EA	Wall Mounted Shower Valve, Tub Faucet, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-600-B30-V-X)	1,138.99	79.90
22 42 39 00-0058	EA	Stainless Steel Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-801S/1-802S)	1,035.10	67.42
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0059	EA	Stainless Steel Corner Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-807)	1,228.72	67.42
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0060	EA	Stainless Steel Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S)	839.92	67.42
		For Hand Spray, Hose And Wall Hooks, Add	*19.32*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*78.39*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0061	EA	Stainless Steel Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-911RS)	1,262.76	67.42
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0062	EA	Stainless Steel Double Outlet Institutional Shower System With Thru-Ceiling Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-902S-FS)	1,353.91	67.42
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0063	EA	Stainless Steel Institutional Triple Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-931)	2,489.19	67.42
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*227.79*	
22 42 39 00-0064	EA	Stainless Steel Institutional Double Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-921)	2,175.69	67.42
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0065	EA	Stainless Steel Tub And Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-941-231)	1,097.19	67.42
22 42 39 00-0066	EA	Stainless Steel Double Outlet Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Hand Spray, Hose, Wall Hooks, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-912RS-FS)	1,678.78	67.42
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0067	EA	Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-60)	1,095.73	67.42
22 42 39 00-0068	EA	Stainless Steel Single Supply Single Outlet Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-22-FS)	1,092.52	67.42
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
22 42 39 00-0069	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower System (Symmons SafetyMix 1-100-X-3/4)	805.62	59.93
22 42 39 00-0070	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower Valve (Symmons SafetyMix 4-500)	621.74	43.35
22 42 39 00-0071		**Service Sink Faucets** *(22 42 39)*		
22 42 39 00-0072	EA	4-5/8" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (Kohler® Kinlock™)	448.21	83.15
22 42 39 00-0073	EA	3" Spout, Wall Mount, Service Sink Faucet With Lever Handles (American Standard 8340.235)	323.83	83.15
22 42 39 00-0074	EA	3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (American Standard 8340.243)	347.92	83.15
22 42 39 00-0075	EA	6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8344.012)	360.41	83.15
22 42 39 00-0076	EA	7-1/4" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.101)	471.92	116.56
22 42 39 00-0077	EA	7-1/4" Spout With Vacuum Break And Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.110)	529.01	132.84
22 42 39 00-0078	EA	11" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8345.115)	607.53	132.84
22 42 39 00-0079	EA	Wall Mount Service Sink Faucet With Atmospheric Vacuum Breaker Spout, Lever Handles (Chicago Faucet 305-VBRCF)	357.78	83.15
22 42 39 00-0080	EA	44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-XKCAB)	726.02	132.84

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0081		**Laboratory Faucets And Fittings** *(22 42 39)*		
22 42 39 00-0082	EA	Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927)	182.13	35.36
22 42 39 00-0083	EA	Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 929)	297.01	49.94
22 42 39 00-0084	EA	Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet With Vacuum Breaker (Chicago Faucet 930)	382.87	49.94
22 42 39 00-0085	EA	Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933)	237.68	46.64
22 42 39 00-0086	EA	6" Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940)	323.44	66.52
22 42 39 00-0087	EA	6" Spout With Aerator And Vacuum Breaker, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940-VBE7-CP)	435.39	66.52
22 42 39 00-0088	EA	Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 946)	347.83	49.94
22 42 39 00-0089	EA	Gooseneck Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 942)	343.78	66.52
22 42 39 00-0090	EA	Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP)	224.42	38.39
22 42 39 00-0091	EA	Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP)	316.21	54.23
22 42 39 00-0092	EA	4" Center Set, Deck Mount, Lavatory Faucet With Blade Handles (Chicago Faucet 802)	245.26	54.23
22 42 39 00-0093	EA	4" Center Set, Deck Mount, Gooseneck Sink Faucet With Blade Handles (Chicago Faucet 895-317ABCP)	297.92	54.23
22 42 39 00-0094	EA	Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP)	80.28	33.36
22 42 39 00-0095	EA	Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP)	480.41	59.93
22 42 39 00-0096	EA	Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP)	615.66	59.93
22 42 39 00-0097	EA	Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP)	738.88	59.93
22 42 39 00-0098	EA	Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP)	654.27	59.93
22 42 39 00-0099	EA	Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM)	777.65	59.93
22 42 39 00-0100	EA	Single, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-131WSA)	150.49	32.96
22 42 39 00-0101	EA	90 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132AWSA)	211.76	39.55
22 42 39 00-0102	EA	180 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132SWSA)	211.76	39.55
22 42 39 00-0103	EA	Three Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-133WSA)	273.03	46.14
22 42 39 00-0104	EA	Four Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-134WSA)	334.29	52.73
22 42 39 00-0105		**Gooseneck Faucets With Independent Eyewash** *(22 42 39)*		
22 42 39 00-0106	EA	Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA)	848.80	37.45
22 42 39 00-0107	EA	Single Lever Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-SL)	921.00	34.95
22 42 39 00-0108	EA	8" Stem, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8)	1,190.06	37.45
22 42 39 00-0109	EA	Serrated Tip With Vacuum Breaker, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-ST)	1,257.24	37.45
22 42 39 00-0110	EA	Thermostatic Mixing Valve Kit For The SEF-1800 (Speakman SEF-TW)	1,530.29	24.97
22 42 39 00-0111	EA	Foot Pedal Activation, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-FP)	1,839.71	62.43
22 42 39 00-0112	EA	Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-TW)	2,572.56	62.43
22 42 39 00-0113	EA	8" Stem, Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8TW)	2,658.06	62.43
22 42 39 00-0114	EA	Adjustable Aerated Outlet Heads, Gooseneck Faucet Mounted Eyewash (WaterSaver EW101)	283.89	37.96
22 42 39 00-0115	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW200)	312.56	37.96
22 42 39 00-0116	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW201)	337.59	37.96
22 42 39 00-0117	EA	6 Gallon Capacity, Tempering Valve (WaterSaver AP3600)	1,492.97	24.97
22 42 39 00-0118		**Bubblers And Glass Fillers** *(22 42 39)*		
22 42 39 00-0119	EA	Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP)	317.76	35.36
22 42 39 00-0120	EA	Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP)	285.18	46.64
22 42 39 00-0121	EA	7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP)	313.49	35.36
22 42 39 00-0122	EA	Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP)	197.45	50.65
22 42 39 00-0123	EA	Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF)	371.56	38.39
22 42 39 00-0124	EA	Push Button Bubbler, 1/2" OD (Haws 5017LF)	376.47	38.39
22 42 39 00-0125	EA	Push Button Bubbler, 3/8" NPT (Haws 5010-6427)	314.45	38.39
22 42 39 00-0126		**Automatic Electronic Sensor Faucets** *(22 42 39)*		
22 42 39 00-0127	EA	Electronic Lavatory Faucet (American Standard 6055.205.002)	583.48	83.30
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0128	EA	Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002)	588.83	83.30
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0129	EA	Electronic Gooseneck Faucet (Chicago Faucet 116.103.AB.1)	786.58	90.45
22 42 39 00-0130	EA	Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1)	818.35	83.30
22 42 39 00-0131	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880)	1,210.53	90.45
22 42 39 00-0132	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880-BDT)	1,512.21	90.45
22 42 39 00-0133	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-35187)	1,413.28	90.45
22 42 39 00-0134	EA	Solar Powered, Electronic Lavatory Faucet With Integral Mixing Valve (Sloan Solis EAF-275-ISM)	989.35	83.30
22 42 39 00-0135	EA	Deck Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1100)	991.25	83.30
22 42 39 00-0136	EA	Wall Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1101)	1,047.75	83.30
22 42 39 00-0137	EA	Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC1102)	906.49	83.30
22 42 39 00-0138	EA	Deck Mount, DC Power, Electronic Lavatory Faucet (T&S Brass EC2100)	1,047.75	83.30
22 42 39 00-0139	EA	Deck Mount, DC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC2102)	914.36	83.30
22 42 39 00-0140	EA	Deck Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3100)	914.36	83.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0141	EA	Wall Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3101)	1,030.53	83.30
22 42 39 00-0142	EA	Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3102)	872.74	83.30
22 42 39 00-0143	EA	4" Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3103)	837.10	83.30
22 42 39 00-0144	EA	Self-Generating EcoPower System, Single Supply Sensor Faucet, Standard Spout (Toto "Eco-Power" TEL3GKCN-60)	1,182.19	83.30
22 42 39 00-0145		**Singles** *(22 42 39)*		
22 42 39 00-0146	EA	Stainless Steel Single Deck Faucet With 6" Swivel/Rigid Gooseneck Spout And Lever Handles (Fisher 58130)	225.74	36.66
22 42 39 00-0147		**Other Trim** *(22 42 39)*		
22 42 39 00-0148	EA	Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330)	17.48	5.42
22 42 39 00-0149	EA	1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP)	129.73	16.27
22 42 39 00-0150	EA	1-1/4" Grid Strainer Tailpiece (Chicago Faucet 327-XCP)	46.97	13.56
22 42 39 00-0151	EA	1-1/2" Grid Strainer Tailpiece (Chicago Faucet 327-X1-1/2TPCP)	102.16	13.56
22 42 39 00-0152	EA	Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Lav Guard 102)	62.09	14.98
22 42 39 00-0153	EA	Soft Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Soft-Guard Plus)	64.96	14.98
22 42 39 00-0154	EA	Lavatory Protective Enclosure (IPS Truebro Lav Shield)	162.86	14.98
22 42 39 00-0155	EA	36" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard)	199.78	14.98
22 42 39 00-0156	EA	42" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard)	226.60	14.98
22 42 39 00-0157	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Angle Stop (SharkBite 23036)	34.74	10.49
22 42 39 00-0158	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Straight Stop (SharkBite 23037)	34.74	10.49
22 42 39 00-0159	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Dual Angle Stop (SharkBite 25558)	47.28	10.49
22 42 39 00-0160	PR	Pair of 16" Long, 3/8" OD x 1/2" IPS, Stainless Steel Braided Sink Supply Line	33.23	11.52
22 42 39 00-0161	EA	12" Long, 3/8" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line	20.61	6.78
22 42 39 00-0162	EA	12" Long, 1/2" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line	21.18	6.78
22 42 39 00-0163		**Removal And Reinstallation Of Fixtures And Trim** *(22 42 39)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 39 00-0164	EA	Removal And Reinstallation Of Faucet	86.76	
22 42 43		**Flushometers** *(22 42)*		
22 42 43 00-0001		**Water Closet Flush Valves** *(22 42 43)*		
22 42 43 00-0002	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-115XL)	307.06	34.06
22 42 43 00-0003	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-113-1.6)	297.12	34.06
22 42 43 00-0004	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111)	347.08	34.06
22 42 43 00-0005	EA	Back Spud, Concealed Manual Water Closet Flush Valve (Sloan Royal-140)	479.50	34.06
22 42 43 00-0006	EA	Top Spud, Concealed Nanual Water Closet Flush Valve (Sloan Royal-142)	535.67	34.06
22 42 43 00-0007	EA	Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S)	996.76	34.06
22 42 43 00-0008	EA	Concealed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S)	993.09	34.06
22 42 43 00-0009	EA	Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6-ES-S)	1,049.74	34.06
22 42 43 00-0010	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113)	973.68	34.06
22 42 43 00-0011	EA	Dual Flush Water Closet Flush Valve (Sloan Uppercut WES-115) Note: "Green". 1.6 Gallons or 1.1 Gallons per flush. Includes instructional placards on proper operation.	422.21	34.06
22 42 43 00-0012	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110)	671.29	34.06
22 42 43 00-0013	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima EBV-89A)	420.30	34.06
22 42 43 00-0014	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X)	418.25	34.06
22 42 43 00-0015	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima Smooth EBV-200A)	427.07	29.96
22 42 43 00-0016	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X)	465.25	29.96
22 42 43 00-0017	EA	1.28 GPF, Exposed Infrared Water Closet Flush Valve (Toto EcoPower TET1LN)	1,011.39	34.06
22 42 43 00-0018	EA	Exposed Infrared Water Closet Flush Valve (1-1/2" V.B.) 1.28 GPF (Toto EcoPower TET1LN32)	1,110.12	34.06
22 42 43 00-0019	EA	1.28 GPF, Back Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN31 Or TET3LN31)	1,412.69	34.06
22 42 43 00-0020	EA	1.28 GPF, Top Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN32 Or TET3LN32)	1,412.69	34.06
22 42 43 00-0021	EA	Exposed Manual Water Closet Flush Valve (Zurn Z6000AV)	233.34	34.06
22 42 43 00-0022	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZEMS6000AV-HET-IS)	912.93	34.06
22 42 43 00-0023	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZTS6200EV)	905.10	34.06
22 42 43 00-0024	EA	Slide Over Handle AC Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan EL-600-A)	448.49	29.96
22 42 43 00-0025	EA	6 Volt DC, 120 Volt AC Hardwired Power Transformer (Sloan EL-451)	140.42	6.05
22 42 43 00-0026	EA	Exposed Solar/Battery Powered Water Closet Flush Valve (Sloan Solis 8111-1.28)	546.24	34.06
22 42 43 00-0027	EA	Exposed Manual Water Closet Flush Valve (Zurn Z6000AV-HET)	331.36	34.06
22 42 43 00-0028	EA	Exposed Battery Powered Water Closet Flush Valve (Zurn ZER6000AV-HET)	925.33	34.06
22 42 43 00-0029		**Urinal Flush Valves** *(22 42 43)*		
22 42 43 00-0030	EA	3/4" Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 186 XL) Note: 0.5, 1.0 or 1.5 GPF.	230.52	34.06
22 42 43 00-0031	EA	1-1/4" Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 180) Note: 1.0, 1.5 or 3.5 GPF.	248.20	34.06
22 42 43 00-0032	EA	Back Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 195) Note: 1.0 or 1.5 GPF.	332.69	34.06
22 42 43 00-0033	EA	Top Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 197) Note: 1.0 or 1.5 GPF.	402.28	34.06
22 42 43 00-0034	EA	Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S) Note: 1.0 or 1.5 GPF.	631.70	34.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 43 00-0035	EA	Back Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 195-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	848.27	34.06
22 42 43 00-0036	EA	Top Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 197-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	951.42	34.06
22 42 43 00-0037	EA	Top Spud, Exposed Battery Powered Urinal Flush Valve (Sloan G2 Opt+8186-1) Note: 1.0 GPF.	621.35	34.06
22 42 43 00-0038	EA	Exposed Infrared Urinal Flush Valve (3/4" V.B.) (Toto EcoPower TEU1LN12) Note: 0.5 GPF.	1,103.76	34.06
22 42 43 00-0039	EA	3/4" Top Spud, Exposed Manual Urinal Flush Valve (Zurn Z6003AV) Note: 0.5, 1.0 or 1.5 GPF.	275.30	34.06
22 42 43 00-0040	EA	Top Spud, Exposed Solar/Battery Powered Urinal Flush Valve (Sloan Solis 8186-0.13) Note: 0.13 GPF.	496.30	34.06
22 42 43 00-0041	EA	3/4" Top Spud, Exposed Manual Urinal Flush Valve (Zurn Z6003AV-ULF) Note: 0.125 GPF.	263.71	34.06
22 42 43 00-0042	EA	Top Spud, Exposed Battery Powered Urinal Flush Valve (Zurn ZTR6203-ULF) Note: 0.125 GPF.	669.96	34.06
22 42 43 00-0043	EA	Exposed Infrared Urinal Flush Valve (Zurn ZEMS6003AV-ULF-IS) Note: 0.125 GPF.	676.15	34.06
22 42 43 00-0044		Removal And Reinstallation Of Fixtures And Trim *(22 42 43)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 43 00-0045	EA	Removal And Reinstallation Of Flush Valve	135.57	
22 42 43 00-0046		Plumbing Control Transformers *(22 42 43)*		
22 42 43 00-0047	EA	6 Volt DC, 120 Volt AC Plug In Style Power Transformer (Zurn P6000-PC6)	63.09	

22 42 46 Chemical Toilets *(22 42)*

Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately.

22 42 46 00-0001 Standard Chemical Toilets *(22 42 46)*

22 42 46 00-0002 Small Tank Chemical Toilets *(22 42 46 00-0001)*

22 42 46 00-0003	EA	Chemical Toilet, Small Tank 7,000 Uses/Year	4,166.05	998.78
		For Extra Urinal, Add	*136.94*	

22 42 46 00-0004 Medium Tank Chemical Toilets *(22 42 46 00-0001)*

22 42 46 00-0005	EA	Chemical Toilet, Medium Tank 13,000 Uses/Year	4,949.83	1,189.56
		For Extra Urinal, Add	*162.05*	

22 42 46 00-0006 Large Tank Chemical Toilets *(22 42 46 00-0001)*

22 42 46 00-0007	EA	Chemical Toilet, Large Tank 28,000 Uses/Year	6,008.27	1,349.36
		For Extra Urinal, Add	*223.32*	

22 43 Healthcare Plumbing Fixtures *(22 40)*

22 43 13 Healthcare Water Closets *(22 43)*

22 43 13 00-0001 Healthcare Water Closets *(22 43 13)*

22 43 13 00-0002	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Priolo® ADA)	840.13	103.87
22 43 13 00-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Madera™ ADA)	661.13	103.87

22 43 16 Healthcare Sinks *(22 43)*

22 43 16 00-0001 Healthcare Sinks *(22 43 16)*
Note: Includes trap, drain and supply valves. Excludes faucets and flush valves.

22 43 16 00-0002	EA	25" x 21", Wall Mounted, Blow Out Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,201.72	66.92
		For Stainless Steel Rim Guards (Three Sides), Add	*108.61*	
22 43 16 00-0003	EA	29" x 20", Floor Mounted, Siphon Jet Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,289.83	192.26
		For Stainless Steel Rim Guards (Three Sides), Add	*108.61*	
		For Pedestal Base, Add	*497.95*	
22 43 16 00-0004	EA	28" x 22", Wall Mounted, Vitreous China Surgeon's Scrub Sink (American Standard)	1,153.91	66.92
		For Painted Bracket Supports, Add	*174.17*	
22 43 16 00-0005	EA	20" x 17", Wall Mounted, Vitreous China Intensive Care Unit Sink (American Standard)	1,010.47	66.92

22 43 16 00-0006 Surgical Scrub Sinks *(22 43 16)*

22 43 16 00-0007	EA	25" Wide x 20" Deep x 43" High Single Surgical Scrub Sink (FHCSS25-IR) Note: Features infra red sensor operated water, under counter mixing valve, swivel gooseneck spout with aerator. Unit will be supported by a z-bracket and main support bracket supplied with the sink.	5,027.45	149.82
22 43 16 00-0008	EA	32" Wide x 27-1/2" Deep x 37-1/8" High Single Surgical Scrub Sink (FHCSS32) Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	7,712.00	199.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 43 16 00-0009	EA	32" Wide x 27-1/2" Deep x 37-1/8" High Single Surgical Scrub Sink (FHCSS32-IR) Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	7,712.00	199.76
22 43 16 00-0010	EA	64" Wide x 27-1/2" Deep x 37-1/8" High Double Surgical Scrub Sink (FHCSS64) Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	10,181.17	249.70
22 43 16 00-0011	EA	64" Wide x 27-1/2" Deep x 37-1/8" High Double Surgical Scrub Sink (FHCSS64-IR) Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	10,181.17	249.70
22 43 16 00-0012	EA	96" Wide x 27-1/2" Deep x 37-1/8" High Triple Surgical Scrub Sink (FHCSS96) Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	13,296.51	299.64
22 43 16 00-0013	EA	96" Wide x 27-1/2" Deep x 37-1/8" High Triple Surgical Scrub Sink (FHCSS96-IR) Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	13,296.51	299.64
22 43 16 00-0014	EA	Single Chair Carrier (FHC P-617106-846)	526.75	74.91
22 43 16 00-0015	EA	Double Chair Carrier (FHC P-617106-851)	558.28	79.90
22 43 16 00-0016	EA	Triple Chair Carrier (FHC P-617106-852)	611.35	84.89
22 43 16 00-0017	EA	60" Wide x 23" Deep x 38-1/4" High, 2.2 GPM, Laminar Flow Spray Head, Chrome Color Finish, Wall Mounted, Stainless Steel Scrub Sink (Sloan ESS-2100-C)	12,278.18	99.88

22 43 23 Healthcare Showers *(22 43)*

22 43 23 00-0001 Gel-Coated Fiberglass Showers *(22 43 23)*

22 43 23 00-0002	EA	62" x 34" x 80" ADA/Special Needs, Gel Coat Fiberglass Barrier Free Shower Enclosure (Florestone 35-62H) Note: Includes stainless steel curtain rod, Symmons® pressure balance mixing valve with concealed check stops, Moen® hand-held shower head with hose and stainless steel slide bar/grab bar, stainless steel corner grab bar, stainless steel recessed soap dish, white naugahyde folding wheelchair transfer seat, and 2" brass drain.	2,935.34	199.76
22 43 23 00-0003	EA	Three Piece 62" x 34" x 80" ADA/Special Needs, Gel Coat Fiberglass Barrier Free Shower Enclosure (Florestone 35-62H) Note: Includes stainless steel curtain rod, Symmons® pressure balance mixing valve with concealed check stops, Moen® hand-held shower head with hose and stainless steel slide bar/grab bar, stainless steel corner grab bar, stainless steel recessed soap dish, white naugahyde folding wheelchair transfer seat, and 2" brass drain.	3,055.77	179.78

22 43 39 Healthcare Faucets *(22 43)*

22 43 39 00-0001 Medical Faucet Spouts *(22 43 39)*

22 43 39 00-0002	EA	Deck Mounted, Rigid Gooseneck Medical Lavatory Spout (American Standard 7522)	99.21	14.98

22 43 39 00-0003 Electronic Proximity Medical Faucets *(22 43 39)*

22 43 39 00-0004	EA	DC Or Plug-In AC Powered, Single Inlet, Electronic Proximity Medical Lavatory Faucet (American Standard Selectronic™ ICU)	569.17	73.31
		For Hard Wired AC Powered, Add	*24.73*	

22 43 39 00-0005 Foot And Knee Faucet Controls *(22 43 39)*

22 43 39 00-0006	EA	Single Supply Metering Pedal Valve (Chicago Faucet 628)	375.21	133.24
22 43 39 00-0007	EA	Double Supply Metering Pedal Valve (Chicago Faucet 625)	436.78	133.24
22 43 39 00-0008	EA	Knee Actuated Metering Mixing Valve (Chicago Faucet 745-VOCP)	911.33	133.24
22 43 39 00-0009	EA	Double Knee Actuated Metering Mixing Valve (American Standard 7676)	658.35	133.24

22 43 39 00-0010 Centerset Medical Faucets *(22 43 39)*

22 43 39 00-0011	EA	Rigid Gooseneck Centerset Medical Lavatory Faucet, 8" Centers 6" Wrist Action Handles, Adjustable Centers (T&S B-0865-04)	497.46	73.31
22 43 39 00-0012	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet, 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0866-04)	503.03	73.31
22 43 39 00-0013	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet With Aerator 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0867-04)	502.47	73.31
22 43 39 00-0014	EA	Surgical Sink Rigid Gooseneck Faucets, 8" Centers, 6" Wrist Action Handles (T&S B-0322-04)	449.50	73.31
22 43 39 00-0015	EA	Surgical Sink Rigid Gooseneck Faucets With Stream Regulator Outlet, 8" Centers, 6" Wrist Action Handles (T&S B-0323-04)	430.54	73.31

22 43 39 00-0016 Bedpan Washers *(22 43 39)*

22 43 39 00-0017	EA	Self Closing Pedal Valve Bed Pan Washer, With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose (T&S B-0675)	1,176.53	133.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 43 39 00-0018	EA	Pedal Valve Bed Panwasher With Volume Control Valve, Vacuum Breaker, Wall Hook Hose Connection, Extended Spray Polyvinyl Chloride Hose (T&S B-0676)	1,118.14	133.24
22 43 39 00-0019	EA	Self Closing Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection Polyvinyl Chloride Hose (T&S B-0685)	1,100.85	133.24
22 43 39 00-0020	EA	Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose, Extended Spray (T&S B-0686)	1,084.03	133.24

22 43 43 Healthcare Plumbing Fixture Flushometers *(22 43)*

22 43 43 00-0001 Healthcare Plumbing Fixture Flushometers *(22 43 43)*

22 43 43 00-0002	EA	Exposed Manual Service Sink Flush Valve (Sloan Royal-117)	225.85	34.06
22 43 43 00-0003	EA	Exposed Manual Water Closet Flush Valve With Bedpan Washer (Sloan Slimline BPW)	504.87	34.06

22 43 46 Healthcare Patient Care Units *(22 43)*

22 43 46 00-0001 Patient Care Units *(22 43 46)*

22 43 46 00-0002	EA	47" Swivel Toilet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-1700-AQCT-WB-BWSEV)	18,904.71	199.76
		For SDB Single Temperature Dialysis Box, Add	*1,387.11*	
		For DDB Dual Temperature Dialysis Box, Add	*1,473.27*	
		For BWSEV Bedpan Washer With Elevated Valve, Add	*1,063.07*	
		For LOCK Flush Valve Lockout Device, Add	*781.87*	
22 43 46 00-0003	EA	31" Swing Front Cabinet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-2600-SST-DC-AQCT-WB)	14,889.04	174.79
		For SDB Single Temperature Dialysis Box, Add	*1,387.11*	
		For DDB Dual Temperature Dialysis Box, Add	*1,473.27*	
		For BWSEV Bedpan Washer With Elevated Valve, Add	*1,063.07*	
		For LOCK Flush Valve Lockout Device, Add	*781.87*	

22 43 46 00-0004 Patient Care Plumbing Accessories *(22 43 46)*

22 43 46 00-0005	EA	One Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7920)	1,804.10	27.12
22 43 46 00-0006	EA	Two Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7919)	1,988.04	27.12

22 45 Emergency Plumbing Fixtures *(22 40)*

22 45 13 Emergency Showers *(22 45)*

22 45 13 00-0001 Emergency Drench Showers *(22 45 13)*

22 45 13 00-0002 Emergency Drench Showers (Haws) *(22 45 13 00-0001)*

Note: Includes one pull rod.

22 45 13 00-0003	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122)	677.03	174.79
22 45 13 00-0004	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8123)	778.65	174.79
22 45 13 00-0005	EA	Horizontal Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122HWC)	835.11	174.79
22 45 13 00-0006	EA	Horizontal Or Vertical Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8130)	1,004.49	174.79
22 45 13 00-0007	EA	Horizontal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8133H)	1,354.53	174.79
22 45 13 00-0008	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8100)	1,065.72	199.76
22 45 13 00-0009	EA	Wall Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Stainless Steel Push Flag (Haws 8111FP)	1,166.47	224.73
22 45 13 00-0010	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8169)	1,059.20	224.73
22 45 13 00-0011	EA	Concealed Ceiling Supply, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8163)	1,081.79	224.73
22 45 13 00-0012	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Pull Down Lever Ball Valve Mounted In A Recessed Stainless Steel Cabinet (Haws 8164)	1,505.22	224.73

22 45 13 00-0013 Emergency Drench Showers (Speakman) *(22 45 13 00-0001)*

Note: Includes one pull rod.

22 45 13 00-0014	EA	Vertical Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-220)	585.06	174.79
22 45 13 00-0015	EA	Horizontal Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-227)	602.65	174.79
22 45 13 00-0016	EA	Floor Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-253)	947.68	199.76

22 45 13 00-0017 Emergency Drench Showers (WaterSaver) *(22 45 13 00-0001)*

Note: Includes one pull rod.

22 45 13 00-0018	EA	Emergency Shower, Vertically Mounted (WaterSaver ES635)	767.55	174.79
22 45 13 00-0019	EA	Emergency Shower, Horizontally Mounted (WaterSaver ES643)	785.83	174.79
22 45 13 00-0020	EA	All-Stainless Steel, Emergency Shower, Horizontally Mounted (WaterSaver ES691)	1,680.97	174.79
22 45 13 00-0021	EA	Emergency Shower, Recess Mounted (WaterSaver ES629)	1,217.99	224.73
22 45 13 00-0022	EA	Emergency Shower, Semi-Concealed (WaterSaver ES658)	1,631.56	224.73

22 45 13 00-0023 Emergency Drench Showers (Guardian) *(22 45 13 00-0001)*

22 45 13 00-0024	EA	11-3/4" Bowl Diameter, 20 GPM, 2 Spray Heads, Height Impact Plastic, Flip Top Dust Covers, Pull Handle Activator, Emergency Wash Station Drench Shower (Guardian G1902P)	1,140.86	199.76

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 13 00-0025		Emergency Drench Showers (Hughes) *(22 45 13 00-0001)*		
22 45 13 00-0026	EA	41-5/16" Length x 40-13/16" Width x 94-13/16" Height, Covered ABS Eye/Face Wash, Emergency Cubicle Shower (Hughes SD32K45G)	9,578.70	199.76
22 45 13 00-0027	EA	30-13/16" Length x 19-13/16" Width x 103" Height, Floor Mounted, Closed ABS Bowl, Galvanized Pipe, Top Inlet, Floor Mounted, Emergency Shower Station (Hughes 18G45GT)	1,552.53	199.76
22 45 16		**Eyewash Equipment** *(22 45)*		
22 45 16 00-0001		Emergency Eyewash Equipment *(22 45 16)*		
22 45 16 00-0002		Emergency Eyewash Equipment (Haws) *(22 45 16 00-0001)*		
22 45 16 00-0003	EA	Faucet Mounted, Stainless Steel Emergency Eyewash (Haws Axion® eyePOD® 7620)	303.57	4.99
22 45 16 00-0004	EA	Wall Mounted, Freeze Protected, Emergency Eye Wash With Soft-Flo Heads And Stainless Steel Bowl (Haws 7433FP)	1,414.89	224.73
22 45 16 00-0005		Emergency Eyewash Equipment (WaterSaver) *(22 45 16 00-0001)*		
22 45 16 00-0006	EA	Auto Flow, Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805)	758.52	49.94
22 45 16 00-0007	EA	Auto Flow, Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805LH)	758.52	49.94
22 45 16 00-0008	EA	Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806)	772.37	49.94
22 45 16 00-0009	EA	Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806LH)	772.37	49.94
22 45 16 00-0010	EA	Stainless Steel Bowl, Emergency Eye Wash, Deck Mounted (WaterSaver EW822)	1,026.62	49.94
22 45 16 00-0011	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Wall Mounted (WaterSaver EW848)	1,169.85	49.94
22 45 16 00-0012	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Deck Mounted (WaterSaver EW849)	1,169.85	49.94
22 45 16 00-0013	EA	Right Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893)	2,168.83	49.94
22 45 16 00-0014	EA	Left Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893LH)	2,168.83	49.94
22 45 16 00-0015	EA	Right Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895)	2,269.61	49.94
22 45 16 00-0016	EA	Left Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895LH)	2,269.61	49.94
22 45 16 00-0017	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Wall Mounted (WaterSaver EW898)	2,799.97	49.94
22 45 16 00-0018	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW899)	2,799.97	49.94
22 45 16 00-0019	EA	Ball Valve With Flag Handle, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW808)	1,394.63	174.79
22 45 16 00-0020	EA	Push-Down Valve, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW810)	1,375.08	174.79
22 45 16 00-0021	EA	Stainless Steel Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814)	989.78	174.79
22 45 16 00-0022	EA	Stainless Steel Bowl And Cover, Emergency Eye Wash, Wall Mounted (WaterSaver EW814BC)	1,396.11	174.79
22 45 16 00-0023	EA	Plastic Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814P)	844.71	174.79
22 45 16 00-0024		Emergency Eyewash Equipment (Fendall) *(22 45 16 00-0001)*		
22 45 16 00-0025	EA	7 Gallon Capacity, 15-minute Constant Flow, Plastic, Mounted Eyewash Station (Fendall H-3838) Note: Includes emergency sign, installation DVD, mounting bracket and tamper seal	641.15	54.23
22 45 16 00-0026		Emergency Eyewash Equipment (Porta Stream) *(22 45 16 00-0001)*		
22 45 16 00-0027	EA	26" Height x 20" Width x 20" Depth, 16 Gallon Capacity, Eyewash Station (Porta Stream II H-1142)	475.90	36.11
22 45 16 00-0028		Emergency Eyewash Equipment (Pure Flow) *(22 45 16 00-0001)*		
22 45 16 00-0029	EA	30" Height x 29" Width x 23" Depth, 0.4 GPM Constant Flow, 7 Gallon Capacity, Eyewash Station (Pure Flow 1000 H-1297)	615.78	54.23
22 45 16 00-0030		Emergency Eyewash Equipment (U-Line) *(22 45 16 00-0001)*		
22 45 16 00-0031	EA	11-1/2" Bowl Diameter, Twin Spray Heads, Flip-top Dust Covers, Plastic, Mounted Eyewash Station (U-Line H-5457) Note: Includes emergency sign and inspection tag	674.80	216.91
22 45 16 00-0032	EA	11-1/2" Bowl Diameter, Twin Spray Heads, Flip-top Dust Covers, Stainless Steel, Mounted Eyewash Station (U-Line H-5795) Note: Includes emergency sign and inspection tag	762.43	216.91
22 45 16 00-0033	EA	20" Height x 11" Width x 14" Depth, 3-minute Constant Flow, 1 Gallon Capacity, Pull Strap Activation, Wall Mounted Or Tabletop Use Flash Flood Eyewash Station (U-Line H-7917)	244.14	36.11
22 45 16 00-0034	EA	1" Head Diameter, Single Faucet With Easy Pull-knob, Faucet Mounted Eyewash Station (U-Line H-5100)	137.58	18.11
22 45 23		**Personal Eyewash Equipment** *(22 45)*		
22 45 23 00-0001		Portable Eyewash Equipment *(22 45 23)*		
22 45 23 00-0002		Portable Eyewash Equipment (Bradley) *(22 45 23 00-0001)*		
22 45 23 00-0003	EA	Wall Mounted, Portable Gravity Fed Eyewash Unit With Clear Tank (Bradley S19-921)	302.36	14.98
22 45 23 00-0004	EA	Wall Mounted, Portable Gravity Fed Eyewash Unit With Insulated Heater Jacket (Bradley S19-921H)	1,593.56	14.98
22 45 23 00-0005	EA	5 Gallon Portable Pressurized Tank With Eyewash Only (Bradley S19-671)	727.80	
22 45 23 00-0006	EA	5 Gallon Portable Pressurized Tank With Eyewash And 8' Drench Hose For Facewash (Bradley S19-672)	868.20	
22 45 26		**Eye/Face Wash Equipment** *(22 45)*		
22 45 26 00-0001		Emergency Eye/Face Wash Equipment *(22 45 26)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 26 00-0002		**Emergency Eye/Face Wash Equipment (Haws)** *(22 45 26 00-0001)*		
22 45 26 00-0003	EA	Unmounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7460)	740.89	124.85
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0004	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly Without Receptor (Haws 7324)	739.13	174.79
22 45 26 00-0005	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260B-7270B)	722.20	174.79
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0006	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260BT-7270BT)	788.82	174.79
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0007	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360B-7460B)	795.59	174.79
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0008	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BT-7460BT)	875.76	174.79
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0009	EA	Wall Mounted, Barrier-Free, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BTWC)	1,196.45	174.79
22 45 26 00-0010	EA	Wall Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl And Dust Cover (Haws 7778B)	2,269.16	174.79
22 45 26 00-0011	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7261-7271)	907.64	199.76
22 45 26 00-0012	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7361-7461)	1,037.49	199.76
22 45 26 00-0013	EA	Pedestal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7777)	2,347.33	199.76
22 45 26 00-0014	EA	Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7611)	624.94	49.94
22 45 26 00-0015	EA	Right Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612)	602.36	49.94
22 45 26 00-0016	EA	Left Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612LH)	630.59	49.94
22 45 26 00-0017	EA	Wall Or Deck Mounted, Barrier-Free, Swing-Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7610)	794.32	49.94
22 45 26 00-0018	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCC)	1,922.14	249.70
22 45 26 00-0019	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCSM)	2,336.04	199.76
22 45 26 00-0020	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCC)	2,396.40	249.70
22 45 26 00-0021	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCSM)	2,821.58	199.76
22 45 26 00-0022		**Emergency Eye/Face Wash Equipment (Speakman)** *(22 45 26 00-0001)*		
22 45 26 00-0023	EA	Wall Mounted, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-495)	658.34	174.79
22 45 26 00-0024	EA	Floor Mounted, DuraJade™ Finish, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-496)	806.97	199.76
22 45 26 00-0025		**Emergency Eye/Face Wash Equipment (WaterSaver)** *(22 45 26 00-0001)*		
22 45 26 00-0026	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl, Wall Mounted (WaterSaver FE724)	1,244.77	174.79
22 45 26 00-0027	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl And Cover, Wall Mounted (WaterSaver FE724BC)	1,651.10	174.79
22 45 26 00-0028	EA	Wide Area, Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE727)	1,599.44	174.79
22 45 26 00-0029	EA	Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE765)	1,476.18	174.79
22 45 26 00-0030	EA	Auto Flow, Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774)	798.84	49.94
22 45 26 00-0031	EA	Auto Flow, Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774LH)	798.84	49.94
22 45 26 00-0032	EA	Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775)	774.80	49.94
22 45 26 00-0033	EA	Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775LH)	774.80	49.94
22 45 26 00-0034	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Wall Mounted (WaterSaver FE778)	1,187.92	49.94
22 45 26 00-0035	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE779)	1,187.92	49.94
22 45 26 00-0036		**Emergency Eye/Face Wash Equipment (Guardian)** *(22 45 26 00-0001)*		
		Note: Includes one pull rod.		
22 45 26 00-0037	EA	All-Stainless Steel Handicapped Accessible Safety Station With WideArea™ Eye/Face Wash (Guardian GBF1994)	5,313.23	174.79
22 45 29		**Hand-Held Emergency Drench Hoses** *(22 45)*		
22 45 29 00-0001		**Hand-Held Emergency Eye/Face/Body Wash With Hose** *(22 45 29)*		
22 45 29 00-0002		**Hand-Held Emergency Eye/Face/Body Wash With Hose (Haws)** *(22 45 29 00-0001)*		
22 45 29 00-0003	EA	Counter Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 8' Hose (Haws 8904)	666.85	62.43
22 45 29 00-0004	EA	Wall Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 12' Recoil Hose (Haws 8905)	768.48	62.43

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 29 00-0005		Hand-Held Emergency Eye/Face/Body Wash With Hose (WaterSaver) *(22 45 29 00-0001)*		
22 45 29 00-0006	EA	Emergency Drench Hose Unit, Deck Mounted (WaterSaver EW1020)	609.44	62.43
22 45 29 00-0007	EA	Emergency Drench Hose Unit, Wall Mounted (WaterSaver EW1025)	561.18	62.43
22 45 29 00-0008	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1014)	845.11	62.43
22 45 29 00-0009	EA	Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1022)	791.41	62.43
22 45 29 00-0010	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1026)	810.64	62.43
22 45 29 00-0011	EA	Ball Valve With Flag Handle, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028)	1,063.83	62.43
22 45 29 00-0012	EA	Ball Valve With Flag Handle And Vacuum Breaker, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028VB)	1,232.23	62.43
22 45 29 00-0013	EA	Emergency Eye Wash Drench Hose Unit, 45 Degree Panel Mounted (WaterSaver EW1041)	1,175.13	62.43
22 45 33		**Combination Emergency Fixture Units** *(22 45)*		
22 45 33 00-0001		Emergency Shower With Eye/Face Wash *(22 45 33)*		
22 45 33 00-0002		Emergency Shower With Eye/Face Wash (Haws) *(22 45 33 00-0001)*		
22 45 33 00-0003	EA	Floor Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8330)	3,952.03	324.61
22 45 33 00-0004	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300FP) Note: Includes freeze protection bury valve.	2,664.78	324.61
22 45 33 00-0005	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300-8309)	1,846.13	324.61
22 45 33 00-0006	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300.158)	2,958.36	324.61
22 45 33 00-0007	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300CRP-8309CRP)	2,162.30	324.61
22 45 33 00-0008	EA	Floor Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8309WC)	2,032.44	324.61
22 45 33 00-0009	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317)	1,733.21	324.61
22 45 33 00-0010	EA	Floor Mounted, Corrosion Resistant, PVC Plastic, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8336)	2,856.74	324.61
22 45 33 00-0011	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCC)	3,133.38	324.61
22 45 33 00-0012	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCW)	3,195.49	324.61
22 45 33 00-0013	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCC)	3,573.76	324.61
22 45 33 00-0014	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan, Daylight Drain And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCDD)	3,793.95	324.61
22 45 33 00-0015	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCW)	3,731.84	324.61
22 45 33 00-0016	EA	Floor Mounted, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP)	5,594.97	324.61
22 45 33 00-0017	EA	Floor Mounted, 220 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP.220V)	5,899.85	324.61
22 45 33 00-0018	EA	Floor Mounted, C1D1 Rated, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFPC1D1)	12,505.49	324.61
22 45 33 00-0019	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320-8325)	1,733.21	324.61
22 45 33 00-0020	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320CRP)	1,964.69	324.61
22 45 33 00-0021		Emergency Shower With Eye/Face Wash (Speakman) *(22 45 33 00-0001)*		
22 45 33 00-0022	EA	Floor Mounted, Emergency Drench Shower With Plastic Showerhead And Eye/Face Wash With Plastic Bowl (Speakman SE-690)	1,550.12	324.61
22 45 33 00-0023	EA	3.18 GPM, 1-1/4" IPS Galvanized Steel Piping, Durajade Powder-Coat, Yellow Bowl Color, ADA compliant, Push-handle Activated, Pull-rod Shower, Brass Fittings, Floor Mounted, Combination Emergency Station (Speakman SE-697)	1,085.56	199.76
22 45 33 00-0024		Emergency Shower With Eye/Face Wash (WaterSaver) *(22 45 33 00-0001)*		
22 45 33 00-0025	EA	All-Stainless Steel, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS994)	5,574.37	271.14
22 45 33 00-0026	EA	Polished Chrome Construction, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS909PCC)	5,696.83	271.14
22 45 33 00-0027	EA	Emergency Shower With Eye Wash Station And Stainless Steel Bowl, Floor Mounted (WaterSaver SS902)	2,245.64	271.14
22 45 33 00-0028	EA	Emergency Shower With Eye Wash Station And Plastic Bowl, Floor Mounted (WaterSaver SS902P)	2,055.12	271.14
22 45 33 00-0029	EA	Emergency Shower With Eye Wash Station And Stainless Steel Bowl And Cover, Floor Mounted (WaterSaver SS902BC)	2,651.98	271.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 33 00-0030		**Emergency Shower With Eye/Face Wash (Guardian)** *(22 45 33 00-0001)*		
22 45 33 00-0031	EA	Emergency Eye Wash Station With Plastic Bowl And Shower Head (Guardian H-5101)	1,269.76	216.91
22 45 33 00-0032	EA	Emergency Eye Wash Station With Stainless Steel Bowl And Shower Head (Guardian H-6618)	2,566.91	216.91
22 45 33 00-0033	EA	Emergency Eye Wash Station With Plastic Bowl And Shower Head (U-Line H-6697)	1,067.98	216.91
22 45 33 00-0034		**Emergency Shower With Eye/Face Wash (Hughes)** *(22 45 33 00-0001)*		
22 45 33 00-0035	EA	120 Volt, 35-13/64" Length x 14-45/64" Width x 104-1/2" Height, Freeze Protected, ABS Bowl, Floor Mounted, Emergency Shower Station (Hughes H5G45G-1H)	3,486.14	199.76
22 45 33 00-0036	EA	29-1/2" Length x 12-13/32" Width x 103" Height, Open ABS Bowl, Galvanized Pipe, Floor Mounted, Emergency Combination Shower (Hughes 18G75G)	1,313.85	199.76
22 45 36		**Emergency Fixture Water-Tempering Equipment** *(22 45)*		
22 45 36 00-0001		**Emergency Fixture Water-Tempering Equipment** *(22 45 36)*		
22 45 36 00-0002		**Emergency Fixture Water-Tempering Equipment (Haws)** *(22 45 36 00-0001)*		
22 45 36 00-0003	EA	10 GPM, 1/2" Inlet, 1/2" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EW)	706.37	62.43
22 45 36 00-0004	EA	12 GPM, 1/2" Inlet, 3/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EFE)	1,039.48	62.43
22 45 36 00-0005	EA	31 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201E)	1,530.67	62.43
22 45 36 00-0006	EA	78 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9202E)	1,807.31	62.43
22 45 36 00-0007	EA	31 GPM, 1" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws 9201H)	2,563.86	62.43
22 45 36 00-0008	EA	12 GPM, 1/2" Inlet, 3/4" Outlet, Secondary High Temperature Limit Valve, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.EWE)	2,705.00	62.43
22 45 36 00-0009	EA	74 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.SHE)	4,551.20	62.43
22 45 36 00-0010	EA	78 GPM, 2" Inlet, 2" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.HF)	5,471.47	62.43
22 45 36 00-0011	EA	1/2" Inlet, 1/2" Outlet, Brass Scald Protection Bleed Valve (Haws SP157B)	791.06	62.43
22 45 39		**Emergency Plumbing Fixture Accessories** *(22 45)*		
22 45 39 00-0001		**Emergency Plumbing Fixture Accessories** *(22 45 39)*		
22 45 39 00-0002		**Emergency Plumbing Fixture Accessories (Haws)** *(22 45 39 00-0001)*		
22 45 39 00-0003	EA	Pedestal Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220)	181.10	19.98
22 45 39 00-0004	EA	Wall Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220W)	254.49	19.98
22 45 39 00-0005	EA	Pedestal Mounted, Stainless Steel Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220SS)	265.78	19.98
22 45 39 00-0006	EA	Axion® MSR Stainless Steel Showerhead For Emergency Drench Showers (Haws SP829SS)	297.27	7.49
22 45 39 00-0007	EA	Stainless Steel Dust Cover For Emergency Eye/Face Wash Bowls (Haws 9102)	303.57	4.99
22 45 39 00-0008	EA	3-Sided ABS Plastic Safety Sign For Emergency Combination Shower And Eyewash Units (Haws 9020)	330.50	9.99
22 45 39 00-0009	EA	Emergency Body Spray Kit With 8' Hose And ABS Plastic Head For Emergency Plumbing Fixtures (Haws 8901RFK)	573.26	74.91
22 45 39 00-0010	EA	Class 1, Div. 1, Group B, C And D, Indicator Light For Emergency Plumbing Fixtures (Haws 8317IDLTEXP)	603.40	36.35
22 45 39 00-0011	EA	Vapor Tight And Gasketed, Green Area Light For Emergency Plumbing Fixtures (Haws 8317LT)	896.98	36.35
22 45 39 00-0012	EA	Privacy Curtain For Horizontal Emergency Drench Shower Or Combination Emergency Drench Shower And Eyewash Units (Haws 9037)	1,039.48	74.91
22 45 39 00-0013	EA	Class 1, Div. 1, Group B, C And D, White Area Light For Emergency Plumbing Fixtures (Haws 8317LTEXP)	1,997.92	36.35
22 45 39 00-0014	EA	1/2" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001.5)	2,218.35	121.16
22 45 39 00-0015	EA	1-1/4" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001)	2,263.51	121.16
22 45 39 00-0016	EA	1-1/4" Supply, Class 1, Division 2, Groups B, C, And D Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXP)	4,194.40	121.16
22 45 39 00-0017	EA	1-1/4" Supply, 90 db, Class 1, Division 1, Groups C And D, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXPC1D1)	7,977.11	121.16
22 45 39 00-0018		**Emergency Plumbing Fixture Accessories (Speakman)** *(22 45 39 00-0001)*		
22 45 39 00-0019	EA	Privacy Curtain For Emergency Showers Note: Curtain includes stainless steel curtain rod and mounting accessories.	1,041.40	74.91
22 45 39 00-0020		**Emergency Plumbing Fixture Accessories (WaterSaver)** *(22 45 39 00-0001)*		
22 45 39 00-0021	EA	Hand And Foot Control For Emergency Eyewash Equipment (WaterSaver HFC)	161.48	16.27
22 45 39 00-0022		**Emergency Plumbing Fixture Accessories (U-Liner)** *(22 45 39 00-0001)*		
22 45 39 00-0023	EA	58" Height x 29" Width x 20" Depth, Portable Eyewash Stand (U-Line H-5193) Note: Includes eyewash station bolts to stand	164.33	13.56
22 45 39 00-0024	EA	12" Height x 18" Width, Aluminum, Corrosion Resistant With Engineer-grade Reflective Surface, Eyewash Sign (U-Line S-17343A)	61.71	13.56
22 45 39 00-0025	EA	7" Height x 10" Width, 0.055" Thick HDPE, Plastic, Eyewash Sign (U-Line S-17343P) Note: Includes pre-drilled mounting holes and 4 strips of double-sided mounting tape	36.96	8.67
22 45 39 00-0026	EA	7" Height x 10" Width,Vinyl, Eyewash Sign (U-Line S-17343V) Note: Includes 4 mil flexible vinyl with adhesive backing	28.89	8.67

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 46 Security Plumbing Fixtures *(22 40)*

22 46 13 Security Water Closets and Urinals *(22 46)*

22 46 13 13 Security Water Closets *(22 46 13)*

22 46 13 13-0001 Security Water Closets *(22 46 13 13)*

22 46 13 13-0002	EA	Security Water Closet, Integral Seat, Back Supply And Flush Valve, Wall Hung, Wall Outlet, Cast Aluminum (Acorn 1675)	3,023.41	249.70
		For Angled Toilet, Add	*24.97*	
		For Offset Toilet, Add	*277.37*	
22 46 13 13-0003	EA	Security Water Closet, Integral Seat, Back Supply And Flush Valve, Floor Mount, Wall Outlet, Cast Aluminum (Acorn 1684)	3,673.56	249.70
		For Angled Toilet, Add	*24.97*	
		For Offset Toilet, Add	*342.39*	
22 46 13 13-0004	EA	Security Water Closet, Integral Seat, Back Supply And Flush Valve, Floor Mount, Floor Outlet, Cast Aluminum (Acorn 1695)	3,730.52	249.70
		For Angled Toilet, Add	*24.97*	
		For Offset Toilet, Add	*348.08*	
22 46 13 13-0005	EA	Recessed Tissue Holder For Security Water Closet, Stainless Steel (Acorn 1840)	333.52	49.94
22 46 13 13-0006	EA	Penal-Ware® Blowout Jet Water Closet, Integral Seat, Back Supply, Floor Mount, Wall Outlet, Stainless Steel (Acorn LR1685-W-2FVBO TLT)	1,201.45	249.70
22 46 13 13-0007	EA	Ligature Resistant, Stainless Steel, Floor Mount, Wall Outlet, Siphon Jet Toilet - ADA (Whitehall BestCare® WH2142-ADA-T-EGE10)	2,095.72	249.70

22 46 13 16 Security Urinals *(22 46 13)*

22 46 13 16-0001 Security Urinals *(22 46 13 16)*

22 46 13 16-0002	EA	Security Urinal, Back Supply And Flush, Wall Hung, Stainless Steel (Acorn 1700)	3,598.09	224.73
22 46 13 16-0003	EA	Security Urinal, Back Supply And Flush, Stall, Stainless Steel (Acorn 1720)	6,124.66	319.32

22 46 13 19 Security Combination Toilet and Lavatory *(22 46 13)*

22 46 13 19-0001 Security Combination Toilet - Lavatory *(22 46 13 19)*

22 46 13 19-0002	EA	15" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1415)	5,525.86	309.62
		For Angled Toilet, Add	*30.96*	
		For Offset Toilet, Add	*521.62*	
		For 15" Mirror/Shelf Module, Add	*859.63*	
		For AC Duplex Outlet Option, Add	*91.93*	
		For Intercom Option, Add	*136.93*	
		For 15" Wide Light/Ventilation Module, Add	*820.78*	
22 46 13 19-0003	EA	18" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1418)	5,691.35	324.61
		For Angled Toilet, Add	*32.46*	
		For Offset Toilet, Add	*536.67*	
		For 18" Mirror/Shelf Module, Add	*899.61*	
		For AC Duplex Outlet Option, Add	*94.92*	
		For Intercom Option, Add	*139.92*	
		For 18" Wide Light/Ventilation Module, Add	*844.76*	
22 46 13 19-0004	EA	20" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1420)	5,815.60	339.58
		For Angled Toilet, Add	*33.96*	
		For Offset Toilet, Add	*547.60*	
		For 20" Mirror/Shelf Module, Add	*949.59*	
		For AC Duplex Outlet Option, Add	*97.92*	
		For Intercom Option, Add	*142.92*	
		For 20" Wide Light/Ventilation Module, Add	*878.75*	
22 46 13 19-0005	EA	26" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Wall Mounted, Stainless Steel (Acorn 1426)	6,226.62	354.57
		For Angled Toilet, Add	*35.46*	
		For Offset Toilet, Add	*587.21*	
		For 26" Mirror/Shelf Module, Add	*989.57*	
		For AC Duplex Outlet Option, Add	*100.91*	
		For Intercom Option, Add	*145.91*	
		For 26" Wide Light/Ventilation Module, Add	*907.74*	
22 46 13 19-0006	EA	28" Wide Combination Security Water Closet And Lavatory Unit, Soap And Paper Holders, Seat, Floor Mounted, Stainless Steel (Acorn 1428)	10,100.55	369.55
		For Angled Toilet, Add	*36.96*	
		For Offset Toilet, Add	*973.10*	
		For 28" Mirror/Shelf Module, Add	*1,024.56*	
		For AC Duplex Outlet Option, Add	*103.91*	
		For Intercom Option, Add	*148.91*	
		For 28" Wide Light/Ventilation Module, Add	*936.73*	

22 46 16 Security Lavatories and Sinks *(22 46)*

22 46 16 13 Security Lavatories *(22 46 16)*

22 46 16 13-0001 Security Lavatories *(22 46 16 13)*

22 46 16 13-0002	EA	20" Security Lavatory, Wall Hung, Push Button Filler Valve, Rectangular Bowl, Stainless Steel (Acorn 1650)	2,180.74	174.79
		For Shelf, Add	*87.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 46 16 13-0003	EA	18" Security Lavatory, Wall Hung, Push Button Filler Valve, Oval Bowl, Stainless Steel (Acorn 1655)	2,218.45	174.79
		For Shelf, Add	*87.44*	
22 46 16 13-0004	EA	13" Security Lavatory, Wall Hung, Push Button Filler Valve, Oval Bowl, Corner Mount, Stainless Steel (Acorn 1660)	2,536.92	174.79
		For Shelf, Add	*87.44*	
22 46 16 13-0005	EA	18" Security Lavatory, Wall Hung, Push Button Filler Valve, Multi Sided Bowl, Stainless Steel (Acorn 1656)	2,218.45	174.79
		For Shelf, Add	*87.44*	
22 46 16 13-0006	EA	Penal-Ware® 18" Security Lavatory, Wall Hung, Push Button Filler Valve, Oval Bowl, Stainless Steel (Acorn M-1652-E530-1 Multi -Lav)	4,079.70	174.79
22 46 16 13-0007	EA	Ligature Resistant Corterra®, Wall, Bathroom Sink, With Faucet, Bowl Size 14-1/2" x 12-1/2" (Whitehall BestCare® WH3775-WH3375L-SO)	2,384.95	249.70
22 46 16 13-0008	EA	Ligature Resistant Corterra®, Wall, Bathroom Sink, Without Faucet, Bowl Size 14-1/2" x 12-1/2" (Whitehall WH3775–09)	2,049.94	249.70
22 46 16 13-0009	EA	Ligature Resistant Sensor Activated Spout with Electronic Valve, Single Temperature (Whitehall BestCare® WH3375L-SO)	896.42	35.96

22 46 16 16 Security Sinks *(22 46 16)*

22 46 16 16-0001 Security Sinks *(22 46 16 16)*

22 46 16 16-0002	EA	22" x 16" x 10" Security Service Sink, With Soap Dish, Stainless Steel (Acorn 1642)	4,726.91	266.18

22 46 16 16-0003 Security Mop Sink *(22 46 16 16)*

22 46 16 16-0004	EA	24" x 24" x 10" Stainless Steel Mop Sink With Strainer (ACORN 1630)	3,914.39	149.82

22 46 19 Security Showers *(22 46)*

22 46 19 00-0001 Security Showers *(22 46 19)*

22 46 19 00-0002	EA	30" Security Shower, Stainless Steel, Knock-Down (Acorn 1730-3M-KD)	12,425.02	399.51
22 46 19 00-0003	EA	32" Security Shower, Stainless Steel, Knock-Down (Acorn 1732-3M-KD)	12,880.71	399.51
22 46 19 00-0004	EA	36" Security Shower, Stainless Steel, Knock-Down (Acorn 1736-3M-KD)	13,349.70	399.51
22 46 19 00-0005	EA	36" ADA Security Shower, Stainless Steel, Front Access (Acorn 1736-ADA-3M-FA)	17,021.87	399.51
22 46 19 00-0006	EA	Security Shower Package For Built-in, Hot And Cold Faucets, Mixing Valve, Rectangular Soap Dish, Stainless Steel (Acorn 1741)	764.78	133.34
22 46 19 00-0007	EA	Security Shower Head With Mixing Valves And Piping Assembly In Wall (Acorn 1743)	565.15	69.92
22 46 19 00-0008	EA	Ligature Resistant ADA Compliant Flush-Mounted Stainless Steel Security Shower With Temperature/Pressure Mixing Valve, Dual Showerhead (Acorn MLR1748 LIG/RES SHWR)	1,202.07	69.92

22 46 43 Security Plumbing Fixture Flushometers *(22 46)*

22 46 43 00-0001	EA	Concealed Manual Water Closet Flush Valve, With Pushbutton Control (Sloan 601 AFD ESM) Note: Anti-flood device (AFD), solenoid operated with module plug 24V (ESM).	732.48	34.06
22 46 43 00-0002	EA	Concealed Manual Urinal Flush Valve, 1-1/2" Backinlet, With Pushbutton Control (Sloan 609 ESM) Note: Solenoid operated with module plug 24V (ESM).	731.63	34.06
22 46 43 00-0003	EA	Concealed Manual Urinal Flush Valve, 3/4" Backinlet, With Pushbutton Control (Sloan 613 ESM) Note: Solenoid operated with module plug 24V (ESM).	706.73	34.06

22 46 56 Security Drinking Fountains *(22 46)*

22 46 56 00-0001 Security Drinking Fountain *(22 46 56)*

Note: Includes air control valve, bubbler with mouthguard and mounting bracket.

22 46 56 00-0002	EA	Wall Mounted Security Drinking Fountain, Stainless Steel (Acorn 1670-1-BP-3-FA)	2,464.14	199.76
22 46 56 00-0003	EA	Wall Mounted Security ADA Drinking Fountain, Stainless Steel (Acorn 1672-1-ADA-BP-3-FA)	2,482.33	199.76

22 47 Drinking Fountains and Water Coolers *(22 40)*

22 47 13 Drinking Fountains *(22 47)*

22 47 13 00-0001 Drinking Fountain Accessories *(22 47 13)*

22 47 13 00-0002 Drinking Fountain Grab Bars *(22 47 13 00-0001)*

Note: Includes satin finish and concealed mounting with snap flange.

22 47 13 00-0003	EA	18" x 33", Wall And Floor Mounted, 1-1/4" Diameter, Stainless Steel Drinking Fountain Grab Bar	311.90	20.09
		For Peened Grip, Add	*24.45*	
22 47 13 00-0004	EA	18" x 33", Wall And Floor Mounted, 1-1/2" Diameter, Stainless Steel Drinking Fountain Grab Bar	336.35	20.09
		For Peened Grip, Add	*26.65*	

22 47 13 00-0005 Indoor Drinking Fountains *(22 47 13)*

22 47 13 00-0006 Face Mounted Indoor Drinking Fountain *(22 47 13 00-0005)*

22 47 13 00-0007	EA	Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-S)	1,734.72	162.30
22 47 13 00-0008	EA	Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP)	2,524.90	174.79
22 47 13 00-0009	EA	Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E)	2,284.78	162.30
22 47 13 00-0010	EA	Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP)	2,723.00	174.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 13 00-0011	EA	Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFS)	1,163.89	162.30
22 47 13 00-0012	EA	Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFSBP)	1,391.26	174.79
22 47 13 00-0013	EA	Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE)	1,316.07	162.30
22 47 13 00-0014	EA	Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP)	1,596.95	174.79
22 47 13 00-0015		Wall Mounted Indoor Drinking Fountain *(22 47 13 00-0005)*		
22 47 13 00-0016	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701)	1,198.40	174.79
22 47 13 00-0017	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8WF)	1,835.81	174.79
22 47 13 00-0018	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Halsey-Taylor HTHB-HAC8BLWF)	2,327.07	224.73
22 47 13 00-0019	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay VRCGRNTL8WSK)	3,508.08	224.73
22 47 13 00-0020	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay EZSTLG8WSLK)	3,009.97	224.73
22 47 13 00-0021	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay LZSTL8WSSP)	2,735.46	224.73
22 47 13 00-0022	EA	White Vitreous China Wall-Mounted Indoor Drinking Fountain (Haws 1201)	1,329.84	174.79
22 47 13 00-0023	EA	White Enameled Iron Wall-Mounted Indoor Drinking Fountain (Haws 1311 And 6700)	1,843.50	174.79
22 47 13 00-0024	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRC8WSK)	3,099.85	174.79
22 47 13 00-0025	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRC8WSK)	2,993.11	174.79
22 47 13 00-0026	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRCDWSK)	2,862.65	174.79
22 47 13 00-0027	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRCDWSK)	2,744.05	174.79
22 47 13 00-0028	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRCGRN8WSK)	2,495.00	174.79
22 47 13 00-0029	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRCGRN8WSK)	2,388.26	174.79
22 47 13 00-0030	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSG8WSSK)	2,269.66	174.79
22 47 13 00-0031	EA	Stainless Steel Wall-Mounted Indoor Chilled Filtered Bottle Filling Station With Hands-Free Touchless Sensor Drinking Fountain (Elkay LZO8WSSK)	2,269.66	174.79
22 47 13 00-0032	EA	Stainless Steel Wall-Mounted Indoor Chilled Non-Filtered Bottle Filling Station With Hands-Free Fountain (Elkay EZO8WSSK)	2,162.93	174.79
22 47 13 00-0033	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Drinking Fountain (Elkay EZSG8WSSK)	2,162.93	174.79
22 47 13 00-0034	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LMABF8WSSK)	2,115.49	174.79
22 47 13 00-0035	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LZS8WSVRSK)	2,115.49	174.79
22 47 13 00-0036	EA	Stainless Steel Wall-Mounted Indoor Chillded Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSSK)	2,008.75	174.79
22 47 13 00-0037	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSK)	1,949.45	174.79
22 47 13 00-0038	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSP)	1,866.43	174.79
22 47 13 00-0039	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSDWSSK)	1,830.85	174.79
22 47 13 00-0040	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK)	1,712.26	174.79
22 47 13 00-0041	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSLK)	1,949.45	174.79
22 47 13 00-0042	EA	Vinyl Clad Cabinet, Non Chilled, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK)	1,712.26	174.79
22 47 13 00-0043	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLK)	1,816.79	174.79
22 47 13 00-0044	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor, Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLP)	1,818.99	174.79
22 47 13 00-0045	EA	Surface Mounted, Stainless Steel, Filtered Non-Refrigerated, Bottle Filling Station Kit (Elkay LZWSSM)	1,505.65	124.85
22 47 13 00-0046	EA	Wall Mounted, Non-Filtered Non-Refrigerated, Retrofit Bottle Filling Station Kit (Elkay EMABFWS-RF)	1,126.14	124.85
22 47 13 00-0047		Semi-Recessed Indoor Drinking Fountain *(22 47 13 00-0005)*		
22 47 13 00-0048	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801)	1,608.53	187.27
22 47 13 00-0049	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C)	3,445.18	187.27
22 47 13 00-0050		Fully Recessed Indoor Drinking Fountain *(22 47 13 00-0005)*		
22 47 13 00-0051	EA	Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400)	1,720.50	199.76
22 47 13 00-0052	EA	Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403)	3,129.55	199.76
22 47 13 00-0053	EA	Stainless Steel Fully-Recessed Indoor Drinking Fountain With Bubbler, Barrier Free (Haws 2401)	2,086.55	199.76
22 47 13 00-0054	EA	Stainless Steel Fully-Recessed Indoor Drinking Fountain With Bubbler, Barrier Free (Haws 2406)	4,694.57	199.76
22 47 13 00-0055	EA	Stainless Steel Fully-Recessed Indoor Drinking Fountain With Bubbler (Haws 2403)	3,200.64	199.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 13 00-0056		**Countertop Indoor Drinking Fountain** *(22 47 13 00-0005)*		
22 47 13 00-0057	EA	Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000)	715.49	124.85
22 47 13 00-0058	EA	Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000)	688.97	124.85
22 47 13 00-0059	EA	Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028)	834.33	124.85
22 47 13 00-0060		**Bowl And Bracket Indoor Drinking Fountain** *(22 47 13 00-0005)*		
22 47 13 00-0061	EA	Stainless Steel, Bowl And Bracket With Pushbutton Bubbler, Indoor Drinking Fountain (Halsey-Taylor 2501A)	605.15	124.85
22 47 13 00-0062	EA	Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540)	728.37	124.85
22 47 13 00-0063		**Multi-Station Indoor Drinking Fountain** *(22 47 13 00-0005)*		
22 47 13 00-0064	EA	Two Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020)	3,251.57	199.76
22 47 13 00-0065	EA	Three Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030)	4,087.62	199.76
22 47 13 00-0066	EA	Two Station, Marblyte, Face-Mounted Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120)	3,101.85	199.76
22 47 13 00-0067	EA	Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1430)	2,617.07	199.76
22 47 13 00-0068	EA	Three Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1435)	3,294.01	199.76
22 47 13 00-0069	EA	Bi-Level, Stainless Steel, Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4)	2,872.12	254.81
22 47 13 00-0070	EA	Two Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1441)	5,167.18	199.76
22 47 13 00-0071	EA	Three Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1408)	5,075.31	199.76
22 47 13 00-0072	EA	White Enameled Iron, Dual Height, Drinking Fountain (Haws 1501 with 6715)	3,197.53	254.81
22 47 13 00-0073	EA	Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1431)	2,715.11	199.76
22 47 13 00-0074	EA	Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1501)	2,766.67	199.76
22 47 13 00-0075		**Outdoor Drinking Fountains** *(22 47 13)*		
22 47 13 00-0076		**Face Mounted Outdoor Drinking Fountains** *(22 47 13 00-0075)*		
22 47 13 00-0077	EA	Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFE-FR)	1,502.81	199.76
22 47 13 00-0078	EA	Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFEBP-FR)	1,646.89	199.76
22 47 13 00-0079	EA	Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592)	1,584.33	199.76
22 47 13 00-0080	EA	Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592-FR)	2,321.76	199.76
22 47 13 00-0081		**Free Standing Outdoor Drinking Fountains** *(22 47 13 00-0075)*		
22 47 13 00-0082	EA	Steel Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715)	2,848.43	187.27
22 47 13 00-0083	EA	Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715-FR)	3,998.18	187.27
22 47 13 00-0084	EA	Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710)	2,844.61	187.27
22 47 13 00-0085	EA	Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710-FR)	3,924.74	187.27
22 47 13 00-0086	EA	Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720)	4,230.74	199.76
22 47 13 00-0087	EA	Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720-FR)	4,307.52	199.76
22 47 13 00-0088	EA	Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4591)	1,604.85	187.27
22 47 13 00-0089	EA	Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590)	2,765.02	187.27
22 47 13 00-0090	EA	Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590-FR)	3,914.77	187.27
22 47 13 00-0091	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595)	4,607.04	199.76
22 47 13 00-0092	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595-FR)	6,462.94	199.76
22 47 13 00-0093	EA	Hi-Lo Pedestal Style Drinking Fountain (Haws Model 3500)	4,974.68	199.76
22 47 13 00-0094	EA	Pedestal Outdoor Drinking Fountain, Triple (Haws 3502)	6,472.86	199.76
22 47 13 00-0095		**Wall Mounted Outdoor Drinking Fountains** *(22 47 13 00-0075)*		
22 47 13 00-0096	EA	Stainless Steel, Single Wall Mounted Drinking Fountain (Haws 1105)	2,026.29	187.27
22 47 13 00-0097	EA	Stainless Steel, Single Low Profile Wall Mounted Drinking Fountain (Haws 1107L)	2,429.86	187.27
22 47 13 00-0098	EA	Stainless Steel, Single Wall Mounted Drinking Fountain (Haws 1109)	2,252.46	187.27
22 47 13 00-0099	EA	White Polymarble Barrier-Free Single Drinking Fountain (Haws 1075)	2,425.61	187.27
22 47 13 00-0100	EA	Vitreous China Single Drinking Fountain (Haws 1201)	1,977.61	187.27
22 47 13 00-0101		**Multi-Station Outdoor Drinking Fountains** *(22 47 13 00-0075)*		
22 47 13 00-0102	EA	Stainless Steel, Hi/Lo Wall Mounted Drinking Fountain (Haws 1119)	2,687.10	199.76
22 47 13 00-0103	EA	Stainless Steel, 3 Position Adjustable Hi/Lo Wall Mounted Drinking Fountain (Haws 1117L)	4,404.38	199.76
22 47 13 00-0104	EA	White Polymarble Barrier-Free Two Bowl (Hi-Lo) Drinking Fountain (Haws 1085)	5,180.92	199.76
22 47 13 00-0105	EA	White Cast Aluminum Three Station Outdoor Drinking Fountains With Bubblers (Haws 1408)	3,165.62	199.76

22 47 16 Pressure Water Coolers *(22 47)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 16 00-0001		**Indoor Water Coolers** *(22 47 16)*		
22 47 16 00-0002		**Face Mounted Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0003	EA	Stainless Steel, Semi-Circular Water Cooler With Bubbler, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q)	3,266.77	199.76
22 47 16 00-0004	EA	Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubbler, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q)	3,487.62	199.76
22 47 16 00-0005		**Wall Mounted Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0006	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubbler, (Halsey-Taylor SW4A-Q)	1,555.89	199.76
22 47 16 00-0007	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SW8A-Q)	1,612.77	199.76
22 47 16 00-0008	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SW14A-Q)	1,790.96	199.76
22 47 16 00-0009	EA	Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubbler, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS)	1,859.21	199.76
22 47 16 00-0010	EA	Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8-CHILD ADA)	1,377.70	199.76
22 47 16 00-0011	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS)	1,595.70	199.76
22 47 16 00-0012	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS)	1,255.42	199.76
22 47 16 00-0013	EA	Stainless Steel Wall-Mounted Water Cooler, 8 GPH, With Bubbler, (Halsey-Taylor HAC8VR-BL)	1,887.95	199.76
22 47 16 00-0014	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS)	2,104.46	299.64
22 47 16 00-0015		**Simulated Recessed Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0016	EA	Stainless Steel Simulated Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RWM8A-Q)	1,855.25	199.76
22 47 16 00-0017		**Fully Recessed Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0018	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RC8A-Q)	3,602.94	224.73
22 47 16 00-0019	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762)	4,400.70	224.73
22 47 16 00-0020	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700)	5,150.86	224.73
22 47 16 00-0021		**Free Standing Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0022	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubbler (Halsey-Taylor SCWT4A-Q)	1,499.32	174.79
22 47 16 00-0023	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SCWT8A-Q)	1,610.22	174.79
22 47 16 00-0024	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SCWT14A-Q)	1,827.28	174.79
22 47 16 00-0025	EA	Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubbler, 14 GPH (Halsey-Taylor SCWT14A-VR-Q)	2,032.96	174.79
22 47 16 00-0026		**Bottled Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0027	EA	Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water	519.48	99.88
22 47 16 00-0028	EA	Free-Standing Bottled Water Cooler With Chilled Or Hot Water	621.34	99.88
22 47 16 00-0029		**Multi-Station Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0030	EA	Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q)	4,314.17	299.64
22 47 16 00-0031	EA	Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semi Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q)	4,952.76	299.64
22 47 16 00-0032	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS)	2,281.71	299.64
22 47 16 00-0033		**Outdoor Water Coolers** *(22 47 16)*		
22 47 16 00-0034		**Wall Mounted Outdoor Water Coolers** *(22 47 16 00-0033)*		
22 47 16 00-0035	EA	Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Frost Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS)	1,613.13	124.85
22 47 16 00-0036	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS)	2,774.79	124.85
22 47 16 00-0037		**Free Standing Outdoor Water Coolers** *(22 47 16 00-0033)*		
22 47 16 00-0038	EA	Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q)	2,661.71	187.27
22 47 16 00-0039	EA	Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q)	3,192.51	187.27
22 47 16 00-0040		**Removal And Reinstallation Of Fixtures And Trim** *(22 47 16)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 47 16 00-0041	EA	Removal And Reinstallation Of Wall Hung Water Cooler	486.03	
22 47 16 00-0042	EA	Removal And Reinstallation Of Floor Mount Water Cooler	108.45	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 47 19 Water-Station Water Coolers *(22 47)*

22 47 19 00-0001 Bottle Filler *(22 47 19)*

22 47 19 00-0002	EA	Outdoor Tubular Bottle Filling Station, Surface Mount (Elkay LK4410BF)		4,027.41	199.76
		For Stainless Steel Carrier, Add		*205.00*	
22 47 19 00-0003	EA	Outdoor Tubular Bottle Filling Station, Surface Mount, Freeze Resistant (Elkay LK4410BFFRK)		4,876.84	199.76
		For Stainless Steel Carrier, Add		*205.00*	
22 47 19 00-0004	EA	Tri-level Outdoor Tubular Bottle Filling Station With Single Bottle Filler And Two Drinking Fountain Basins, Surface Mount (Elkay LK4430BF1)		6,261.53	224.73
		For Stainless Steel Carrier, Add		*205.00*	
22 47 19 00-0005	EA	Tri-level Outdoor Tubular Bottle Filling Station With Two Bottle Fillers And Single Drinking Fountain Basin, Surface Mount (Elkay LK4430BF2)		6,766.48	224.73
		For Stainless Steel Carrier, Add		*205.00*	
22 47 19 00-0006	EA	Tri-level Outdoor Tubular Bottle Filling Station With Three Bottle Fillers, Surface Mount (Elkay LK4430BF3)		7,271.43	224.73
		For Stainless Steel Carrier, Add		*205.00*	

22 47 23 Remote Water Coolers *(22 47)*

22 47 23 00-0001 Remote Chillers *(22 47 23)*

22 47 23 00-0002	EA	1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q)	929.13	67.42
22 47 23 00-0003	EA	5 GPH Remote Chiller (Halsey-Taylor SJ5-Q)	1,412.35	74.91
22 47 23 00-0004	EA	8 GPH Remote Chiller (Halsey-Taylor SJ8-Q)	1,213.64	87.39
22 47 23 00-0005	EA	10 GPH Remote Chiller (Halsey-Taylor SJ10-Q)	1,561.83	99.88
22 47 23 00-0006	EA	19 GPH Remote Chiller (Halsey-Taylor SJ19-Q)	2,446.54	149.82
22 47 23 00-0007	EA	30 GPH Remote Chiller (Halsey-Taylor SJ30-Q)	2,652.53	162.30

22 47 26 Fixture Carriers *(22 47)*

22 47 26 00-0001 Water Cooler Carriers *(22 47 26)*

22 47 26 00-0002 Floor Mounted, Water Cooler Carriers *(22 47 26 00-0001)*

Note: Includes adjustable supporting rods, structural uprights and welded feet.

22 47 26 00-0003	EA	Floor Mounted Hanger Plate Type, Single Water Cooler Carrier	554.74	37.96
		For Up To 4" Extension Sleeves And Hardware, Add	*28.18*	
		For Bi-Level Carrier, Add	*313.94*	
22 47 26 00-0004	EA	Floor Mounted Bearing Plate Type, Single Water Cooler Carrier	605.74	37.96
		For Up To 4" Extension Sleeves And Hardware, Add	*28.18*	
		For Bi-Level Carrier, Add	*313.94*	

22 50 Pool and Fountain Plumbing Systems *(22)*

22 51 Swimming Pool Plumbing Systems *(22 50)*

22 51 13 Swimming Pool Piping *(22 51)*

22 51 13 00-0001 Swimming Pool Gutters *(22 51 13)*

22 51 13 00-0002	LF	Swimming Pool Gutters, Stainless	217.67	22.48

22 51 13 00-0003 Pool Drains *(22 51 13)*

22 51 13 00-0004 Cast Iron Pool Drain With Bottom Outlet *(22 51 13 00-0003)*

Note: Large square top and 24" loose set round super-flo grate.

22 51 13 00-0005	EA	Cast Iron Pool Drain, 4" - 8" Bottom Outlet, Large Square Top And 24" Super-Flo Grate	3,190.84	62.92
		For Polished Bronze Top, Add	*769.60*	
		For Chromium Plated Top, Add	*805.00*	
		For Galvanized Top, Add	*276.40*	
		For Vandal Proof Construction, Add	*57.20*	

22 51 13 00-0006 Cast Iron Pool Drain With Waterproof Flange *(22 51 13 00-0003)*

Note: Bottom outlet 14" square top and loose set square flange.

22 51 13 00-0007	EA	Cast Iron Pool Drain, 2" - 4" Bottom Outlet With Waterproof Flange And 14" Square Top	860.31	62.92
		For Clamp Device, Add	*13.80*	
		For Galvanized Top, Add	*38.10*	
		For Polished Bronze Top, Add	*133.50*	
		For Chromium Plated Top, Add	*146.90*	
		For Hinge Grate, Add	*28.60*	
		For Supplementary Strainer, Add	*7.00*	
		For Threaded Outlet, Add	*9.50*	
		For Vandal Proof Construction, Add	*17.10*	
		For Ground Screw, Add	*18.30*	

22 51 13 00-0008 Pool Supply Fittings *(22 51 13)*

22 51 13 00-0009 Cast Iron Pool Supply Fittings *(22 51 13 00-0008)*

Note: Includes polished bronze head and anchor flange and adjustable V-ported valve insert and threaded inlet.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 13 00-0010	EA	Cast Iron Pool Fitting For 2" Pipe	1,127.57	112.37
		For Galvanized Head, Add	*26.30*	
		For Vandal Proof Construction, Add	*11.50*	
		For Grounding Screw, Add	*18.30*	
22 51 13 00-0011	EA	Cast Iron Pool Fitting For 3" Pipe	1,127.57	112.37
		For Chromium Plated Head, Add	*11.50*	
		For Galvanized Head, Add	*26.30*	
		For Vandal Proof Construction, Add	*11.50*	
		For Grounding Screw, Add	*18.30*	

22 51 16 Swimming Pool Pumps *(22 51)*

22 51 16 00-0001 Variable Speed Pool Pumps *(22 51 16)*

22 51 16 00-0002	EA	3 HP, Variable Speed Pool Pump With Vacuum Release (Pentair INTELLIFLO VS+SVRS 11017)	2,756.91	424.49
22 51 16 00-0003	EA	Variable Speed Pool Pump (Hayward EcoStar SVRS SP3400VSP)	3,027.67	424.49
22 51 16 00-0004	EA	Variable Speed Pool Pump With Vacuum Release (Hayward EcoStar SVRS SP3400VSPVR)	3,391.09	424.49

22 51 16 00-0005 Electric Powered Portable Vacuum Cleaner Pump *(22 51 16)*

Note: Includes 75' of 3 wire electric safety cord.

22 51 16 00-0006	EA	1 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord	356.24	49.94
22 51 16 00-0007	EA	1-1/2 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord	629.08	49.94

22 51 16 00-0008 Gasoline Driven Portable Vacuum Cleaner Pump *(22 51 16)*

22 51 16 00-0009	EA	3 HP Gasoline Driven Portable Vacuum Cleaner Pump	2,442.94	49.94

22 51 19 Swimming Pool Water Treatment Equipment *(22 51)*

22 51 19 00-0001 Condensing Pool Water Heater *(22 51 19)*

22 51 19 00-0002	EA	372 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN400)	38,497.48	715.81
22 51 19 00-0003	EA	467 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN501)	41,924.97	858.96
22 51 19 00-0004	EA	567 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN601)	45,977.49	930.55
22 51 19 00-0005	EA	660 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN701)	56,509.47	1,002.13
22 51 19 00-0006	EA	773 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN801)	58,608.58	1,073.71
22 51 19 00-0007	EA	967 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1015)	88,906.82	1,288.45
22 51 19 00-0008	EA	1,257 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1320)	113,986.20	1,360.03
22 51 19 00-0009	EA	1,450 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1520)	118,572.67	1,467.41

22 51 19 00-0010 Non Condensing Pool Water Heater *(22 51 19)*

22 51 19 00-0011	EA	500 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN0502)	20,622.89	930.55
22 51 19 00-0012	EA	650 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN0652)	21,977.00	1,002.13
22 51 19 00-0013	EA	750 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN0752)	23,945.89	1,073.71
22 51 19 00-0014	EA	990 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN0992)	31,669.69	1,288.45
22 51 19 00-0015	EA	1,260 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN1262)	36,724.63	1,360.03
22 51 19 00-0016	EA	1,440 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN1442)	39,201.75	1,467.41
22 51 19 00-0017	EA	1,800 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN1802)	38,825.07	1,538.98
22 51 19 00-0018	EA	2,070 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non Condensing Pool Water Heater (Lochinvar CPN2072)	50,403.97	1,574.77

22 51 19 00-0019 Swimming Pool Heaters *(22 51 19)*

Note: Excludes wiring, external piping, base or pad. Commercial pools.

22 51 19 00-0020 Electric Pool Heaters *(22 51 19 00-0019)*

22 51 19 00-0021	EA	12 KW Heater (1 Degree/Hour), For 4,800 Gallon Pool	4,107.95	199.76
22 51 19 00-0022	EA	18 KW Heater (1 Degree/Hour), For 7,200 Gallon Pool	4,592.48	214.74
22 51 19 00-0023	EA	24 KW Heater (1 Degree/Hour), For 9,600 Gallon Pool	5,100.42	249.70
22 51 19 00-0024	EA	30 KW Heater (1 Degree/Hour), For 12,000 Gallon Pool	5,393.74	299.64
22 51 19 00-0025	EA	36 KW Heater (1 Degree/Hour), For 14,400 Gallon Pool	5,920.13	419.49
22 51 19 00-0026	EA	60 KW Heater (1 Degree/Hour), For 24,000 Gallon Pool	6,767.47	599.27

22 51 19 00-0027 Gas Fired Pool Heaters *(22 51 19 00-0019)*

22 51 19 00-0028	EA	120 MBH Output Gas Fired Pool Heater	5,871.37	967.95
22 51 19 00-0029	EA	180 MBH Output Gas Fired Pool Heater	6,666.79	1,106.22
22 51 19 00-0030	EA	240 MBH Output Gas Fired Pool Heater	7,535.04	1,244.50
22 51 19 00-0031	EA	300 MBH Output Gas Fired Pool Heater	8,640.61	1,521.06
22 51 19 00-0032	EA	360 MBH Output Gas Fired Pool Heater	8,887.82	1,605.88
22 51 19 00-0033	EA	400 MBH Output Gas Fired Pool Heater	10,423.54	1,976.94
22 51 19 00-0034	EA	500 MBH Output Gas Fired Pool Heater	16,668.87	2,281.08
22 51 19 00-0035	EA	600 MBH Output Gas Fired Pool Heater	19,373.22	2,509.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0036	EA	750 MBH Output Gas Fired Pool Heater	21,876.77	2,737.29
22 51 19 00-0037	EA	1,000 MBH Output Gas Fired Pool Heater	28,141.51	3,231.53
22 51 19 00-0038		**Surge Tanks** *(22 51 19)*		
		Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' sump depth for pump.		
22 51 19 00-0039	EA	1,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	20,953.17	790.75
22 51 19 00-0040	EA	1,500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	23,559.13	790.75
22 51 19 00-0041	EA	2,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	28,395.03	1,015.80
22 51 19 00-0042	EA	5,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	37,363.84	1,639.41
22 51 19 00-0043		**Diatomite Type Filter System** *(22 51 19)*		
22 51 19 00-0044	EA	35,000 Gallon Filter System, Diatomite	13,937.25	2,853.09
22 51 19 00-0045	EA	45,000 Gallon Filter System, Diatomite	16,616.20	3,423.71
22 51 19 00-0046		**Silver Recovery System, X-Ray Film Processing** *(22 51 19)*		
22 51 19 00-0047	EA	20 Gallon/Day Capacity, Silver Recovery System	1,895.52	338.93
22 51 19 00-0048	EA	40 Gallon/Day Capacity, Silver Recovery System	2,785.66	451.93
22 51 19 00-0049		**Inline Water Filter** *(22 51 19)*		
		Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge.		
22 51 19 00-0050	EA	2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body	248.11	99.88
22 51 19 00-0051	EA	6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body	454.81	149.82
22 51 19 00-0052		**Horizontal High Rate Sand Filters** *(22 51 19)*		
		Note: Includes sand, filter system equipment and attached accessory gauges.		
22 51 19 00-0053	EA	135-270 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 1 tank, 4" pipe size, Miami Tanks model # HH3614-A.	38,959.70	2,147.04
22 51 19 00-0054	EA	135-270 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 1 tank, 4" pipe size, Miami tanks model # HH3614-M.	23,744.38	2,147.04
22 51 19 00-0055	EA	270-405 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 2 tank, 4" pipe size, Miami tanks model # HH3624-A.	53,863.42	4,294.08
22 51 19 00-0056	EA	270-405 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 2 tank, 4" pipe size, Miami tanks model # HH3624-M.	42,580.87	4,294.08
22 51 19 00-0057	EA	270-540 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 2 tank, 6" pipe size, Miami tanks model # HH3626-A.	55,374.47	4,294.08
22 51 19 00-0058	EA	270-540 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 2 tank, 6" pipe size, Miami tanks model # HH3626-M.	44,317.58	4,294.08
22 51 19 00-0059	EA	405-810 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 3 tank, 6" pipe size, Miami tanks model # HH3636-A.	75,649.28	6,441.12
22 51 19 00-0060	EA	405-810 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 3 tank, 6" pipe size, Miami tanks model # HH3636-M.	58,866.50	6,441.12
22 51 19 00-0061	EA	405-810 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 3 tank, 8" pipe size, Miami tanks model # HH3638-A.	77,825.20	6,441.12
22 51 19 00-0062	EA	405-810 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 3 tank, 8" pipe size, Miami tanks model # HH3638-M.	65,161.12	6,441.12
22 51 19 00-0063	EA	540-810 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 4 tank, 6" pipe size, Miami tanks model # HH3646-A.	97,640.53	8,588.18
22 51 19 00-0064	EA	540-810 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 4 tank, 6" pipe size, Miami tanks model # HH3646-M.	83,420.49	8,588.18
22 51 19 00-0065	EA	675 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 5 tank, 6" pipe size, Miami tanks model # HH3656-A.	118,709.84	10,735.22
22 51 19 00-0066	EA	675 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 5 tank, 6" pipe size, Miami tanks model # HH3656-M.	100,395.85	10,735.22
22 51 19 00-0067	EA	675-1350 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 5 tank, 8" pipe size, Miami tanks model # HH3658-A.	122,050.28	10,735.22
22 51 19 00-0068	EA	675-1350 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 5 tank, 8" pipe size, Miami tanks model # HH3658-M.	104,047.71	10,735.22
22 51 19 00-0069	EA	810 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 6 tank, 6" pipe size, Miami tanks model # HH3666-A.	140,951.99	12,882.26
22 51 19 00-0070	EA	810 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 6 tank, 6" pipe size, Miami tanks model # HH3666-M.	120,578.93	12,882.26
22 51 19 00-0071	EA	810-1620 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 6 tank, 8" pipe size, Miami tanks model # HH3668-A.	143,869.33	12,882.26
22 51 19 00-0072	EA	810-1620 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 6 tank, 8" pipe size, Miami tanks model # HH3668-M.	122,954.37	12,882.26
22 51 19 00-0073	EA	810-1620 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 6 tank, 10" pipe size, Miami tanks model # HH36610-A.	147,773.89	12,882.26
22 51 19 00-0074	EA	810-1620 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 6 tank, 10" pipe size, Miami tanks model # HH36610-M.	117,927.54	12,882.26
22 51 19 00-0075	EA	945-1418 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 7 tank, 8" pipe size, Miami tanks model # HH3678-A.	166,128.84	15,029.30
22 51 19 00-0076	EA	945-1418 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 7 tank, 8" pipe size, Miami tanks model # HH3678-M.	145,754.35	15,029.30
22 51 19 00-0077	EA	945-1890 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 7 tank, 10" pipe size, Miami tanks model # HH36710-A.	171,039.34	15,029.30
22 51 19 00-0078	EA	945-1890 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 7 tank, 10" pipe size, Miami tanks model # HH36710-M.	150,114.25	15,029.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0079	EA	1080-2160 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls Note: 8 tank, 10" pipe size, Miami tanks model # HH36810-A.	190,328.82	17,176.34
22 51 19 00-0080	EA	1080-2160 GPM Horizontal Hi-Rate Sand Filter, Manual Controls Note: 8 tank, 10" pipe size, Miami tanks model # HH36810-M.	169,629.38	17,176.34
22 51 19 00-0081		Swimming Pool Chlorinators *(22 51 19)*		
22 51 19 00-0082	EA	Swimming Pool Chlorinator, 50-100 PPD, Direct Cylinder Mounted Gas Chlorinator	1,091.50	142.83
22 51 19 00-0083		Ultra-Violet Pool Treatment Lights *(22 51 19)*		
22 51 19 00-0084		Stainless Steel Ultra-Violet Pool Treatment Lights *(22 51 19 00-0083)* Note: Delta ELP Amalgam Series		
22 51 19 00-0085	EA	3" Flanged, 79 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	14,986.95	311.40
22 51 19 00-0086	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	15,848.17	311.40
22 51 19 00-0087	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	16,586.36	311.40
22 51 19 00-0088	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	17,109.43	329.79
22 51 19 00-0089	EA	4" Flanged, 295 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	17,475.25	329.79
22 51 19 00-0090	EA	4" Flanged, 329 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	20,797.04	329.79
22 51 19 00-0091	EA	6" Flanged, 396 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	24,516.12	592.21
22 51 19 00-0092	EA	6" Flanged, 440 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	36,402.00	592.21
22 51 19 00-0093	EA	6" Flanged, 650 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	39,972.88	592.21
22 51 19 00-0094	EA	8" Flanged, 695 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	42,853.32	710.46
22 51 19 00-0095	EA	8" Flanged, 920 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	46,034.07	710.46
22 51 19 00-0096	EA	8" Flanged, 1140 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	48,254.62	710.46
22 51 19 00-0097	EA	8" Flanged, 1260 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	50,655.20	710.46
22 51 19 00-0098	EA	10" Flanged, 1510 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	54,402.19	807.56
22 51 19 00-0099	EA	10" Flanged, 1760 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	58,603.22	807.56
22 51 19 00-0100	EA	10" Flanged, 2010 GPM, 8 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	62,804.23	807.56
22 51 19 00-0101	EA	10" Flanged, 2520 GPM, 10 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	67,905.46	807.56
22 51 19 00-0102		HDPE Ultra-Violet Pool Treatment Lights *(22 51 19 00-0083)* Note: Delta EL Series		
22 51 19 00-0103	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	7,440.15	311.40
22 51 19 00-0104	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	8,280.33	311.40
22 51 19 00-0105	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	9,148.25	329.79
22 51 19 00-0106		In-Line, Stainless Steel Ultra-Violet Pool Treatment Lights *(22 51 19 00-0083)* Note: Delta EM Series		
22 51 19 00-0107	EA	3" Flanged, 100 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	29,045.37	311.40
22 51 19 00-0108	EA	3" Flanged, 170 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	29,345.42	311.40
22 51 19 00-0109	EA	6" Flanged, 300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	31,282.79	592.21
22 51 19 00-0110	EA	6" Flanged, 600 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	39,648.79	592.21
22 51 19 00-0111	EA	8" Flanged, 1300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	55,336.33	710.46
22 51 19 00-0112	EA	10" Flanged, 2000 GPM, 2 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	62,444.15	807.56
22 51 19 00-0113	EA	12" Flanged, 3000 GPM, 3 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	73,607.28	1,045.02
22 51 19 00-0114	EA	12" Flanged, 4000 GPM, 4 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	82,609.44	1,045.02
22 51 23		**Swimming Pool Equipment Controls** *(22 51)*		
22 51 23 00-0001		Pool Pump Variable Frequency Drive *(22 51 23)* Note: Pentair Acu Drive XS		
22 51 23 00-0002	EA	3 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01)	4,781.02	232.61
22 51 23 00-0003	EA	5 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01)	5,132.34	261.69
22 51 23 00-0004	EA	7-1/2 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01)	6,145.89	327.11
22 51 23 00-0005	EA	10 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01)	6,531.93	390.35
22 51 23 00-0006	EA	15 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01)	6,987.82	454.32
22 51 23 00-0007	EA	20 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01)	7,919.41	519.02
22 51 23 00-0008	EA	3 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01)	4,787.08	232.61
22 51 23 00-0009	EA	5 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01)	5,045.53	261.69
22 51 23 00-0010	EA	7-1/2 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01)	5,435.20	327.11
22 51 23 00-0011	EA	10 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01)	5,841.43	390.35
22 51 23 00-0012	EA	15 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01)	6,888.89	454.32
22 51 23 00-0013	EA	20 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01)	7,650.88	519.02
22 51 23 00-0014	EA	3 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01FB)	4,936.34	232.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0015	EA	5 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01FB)	5,674.24	261.69
22 51 23 00-0016	EA	7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01FB)	6,317.39	327.11
22 51 23 00-0017	EA	10 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01FB)	6,822.18	390.35
22 51 23 00-0018	EA	15 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01FB)	8,030.30	454.32
22 51 23 00-0019	EA	20 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01FB)	9,055.78	519.02
22 51 23 00-0020	EA	3 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01FB)	5,296.12	232.61
22 51 23 00-0021	EA	5 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01FB)	5,512.90	261.69
22 51 23 00-0022	EA	7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01FB)	5,837.16	327.11
22 51 23 00-0023	EA	10 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01FB)	6,180.30	390.35
22 51 23 00-0024	EA	15 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01FB)	7,055.58	454.32
22 51 23 00-0025	EA	20 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01FB)	7,726.05	519.02
22 51 23 00-0026	EA	1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12)	3,653.91	232.61
22 51 23 00-0027	EA	3/4 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12)	3,713.66	232.61
22 51 23 00-0028	EA	1 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12)	3,750.57	232.61
22 51 23 00-0029	EA	1-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12)	3,850.02	232.61
22 51 23 00-0030	EA	2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12)	4,000.25	232.61
22 51 23 00-0031	EA	3 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12)	4,116.79	232.61
22 51 23 00-0032	EA	5 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12)	4,410.92	261.69
22 51 23 00-0033	EA	7-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12)	5,263.24	327.11
22 51 23 00-0034	EA	10 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12)	5,641.38	390.35
22 51 23 00-0035	EA	15 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12)	6,033.34	454.32
22 51 23 00-0036	EA	20 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12)	6,855.80	519.02
22 51 23 00-0037	EA	25 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12)	8,995.11	646.95
22 51 23 00-0038	EA	30 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12)	9,929.17	712.37
22 51 23 00-0039	EA	40 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12)	11,726.34	777.79
22 51 23 00-0040	EA	50 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12)	13,644.82	908.64
22 51 23 00-0041	EA	60 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12)	14,941.22	974.06
22 51 23 00-0042	EA	1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12)	3,728.36	232.61
22 51 23 00-0043	EA	3/4 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12)	3,805.53	232.61
22 51 23 00-0044	EA	1 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12)	3,902.62	232.61
22 51 23 00-0045	EA	1-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12)	3,986.08	232.61
22 51 23 00-0046	EA	2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12)	4,071.13	232.61
22 51 23 00-0047	EA	3 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12)	4,160.88	232.61
22 51 23 00-0048	EA	5 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12)	4,381.00	261.69
22 51 23 00-0049	EA	7-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12)	4,713.64	327.11
22 51 23 00-0050	EA	10 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12)	5,063.13	390.35
22 51 23 00-0051	EA	15 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12)	6,147.67	454.32
22 51 23 00-0052	EA	20 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12)	6,783.04	519.02
22 51 23 00-0053	EA	25 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12)	7,496.86	646.95
22 51 23 00-0054	EA	30 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12)	8,474.25	712.37
22 51 23 00-0055	EA	40 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12)	9,560.04	777.79
22 51 23 00-0056	EA	50 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12)	11,703.46	908.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0057	EA	60 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12)	12,851.26	974.06
22 51 23 00-0058	EA	75 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12)	14,396.43	1,039.48
22 51 23 00-0059	EA	100 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12)	17,021.35	1,101.27
22 51 23 00-0060	EA	125 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12)	19,600.66	1,163.05
22 51 23 00-0061	EA	150 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12)	21,270.43	1,301.16
22 51 23 00-0062	EA	200 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12)	24,805.67	1,424.74
22 51 23 00-0063	EA	1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12FB)	5,246.82	232.61
22 51 23 00-0064	EA	3/4 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12FB)	5,306.58	232.61
22 51 23 00-0065	EA	1 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12FB)	5,343.49	232.61
22 51 23 00-0066	EA	1-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12FB)	5,442.94	232.61
22 51 23 00-0067	EA	2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12FB)	5,593.17	232.61
22 51 23 00-0068	EA	3 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12FB)	5,709.71	232.61
22 51 23 00-0069	EA	5 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12FB)	6,003.84	261.69
22 51 23 00-0070	EA	7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12FB)	6,675.83	327.11
22 51 23 00-0071	EA	10 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12FB)	7,238.15	390.35
22 51 23 00-0072	EA	15 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12FB)	8,478.19	454.32
22 51 23 00-0073	EA	20 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12FB)	9,582.89	519.02
22 51 23 00-0074	EA	25 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12FB)	11,290.27	646.95
22 51 23 00-0075	EA	30 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12FB)	12,429.86	712.37
22 51 23 00-0076	EA	40 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12FB)	15,843.50	777.79
22 51 23 00-0077	EA	50 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12FB)	20,859.32	908.64
22 51 23 00-0078	EA	60 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12FB)	22,918.33	974.06
22 51 23 00-0079	EA	1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12FB)	5,224.22	232.61
22 51 23 00-0080	EA	3/4 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12FB)	5,301.38	232.61
22 51 23 00-0081	EA	1 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12FB)	5,398.48	232.61
22 51 23 00-0082	EA	1-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12FB)	5,481.94	232.61
22 51 23 00-0083	EA	2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12FB)	5,566.97	232.61
22 51 23 00-0084	EA	3 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12FB)	5,656.74	232.61
22 51 23 00-0085	EA	5 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12FB)	5,876.86	261.69
22 51 23 00-0086	EA	7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12FB)	6,207.89	327.11
22 51 23 00-0087	EA	10 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12FB)	6,557.38	390.35
22 51 23 00-0088	EA	15 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12FB)	7,674.36	454.32
22 51 23 00-0089	EA	20 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12FB)	8,359.93	519.02
22 51 23 00-0090	EA	25 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12FB)	9,180.64	646.95
22 51 23 00-0091	EA	30 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12FB)	10,342.40	712.37
22 51 23 00-0092	EA	40 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12FB)	12,229.80	777.79
22 51 23 00-0093	EA	50 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12FB)	14,076.17	908.64
22 51 23 00-0094	EA	60 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12FB)	15,661.24	974.06
22 51 23 00-0095	EA	75 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12FB)	18,161.87	1,039.48
22 51 23 00-0096	EA	100 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12FB)	23,879.58	1,101.27
22 51 23 00-0097	EA	125 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12FB)	26,402.32	1,163.05
22 51 23 00-0098	EA	150 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12FB)	33,127.73	1,301.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0099	EA	200 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12FB)	38,897.85	1,424.74
22 51 23 00-0100	EA	380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 3 Year Extended Warranty (Pentair AD-EWW136)	353.88	
22 51 23 00-0101	EA	380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 3 Year Extended Warranty (Pentair AD-EWW236)	564.70	
22 51 23 00-0102	EA	380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 6 Year Extended Warranty (Pentair AD-EWW172)	624.93	
22 51 23 00-0103	EA	380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 6 Year Extended Warranty (Pentair AD-EWW272)	1,061.63	
22 51 23 00-0104	EA	380+ Volt AC, 50 To 125 HP, 260 Volt AC, 30 To 60 HP, 6 Year Extended Warranty (Pentair AD-EWW372)	2,025.38	
22 51 23 00-0105	EA	3" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4203KIT)	1,272.47	
22 51 23 00-0106	EA	4" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4204KIT)	1,330.61	
22 51 23 00-0107	EA	6" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4206KIT)	1,452.40	
22 51 23 00-0108	EA	8" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4208KIT)	1,558.14	
22 51 23 00-0109	EA	3" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-03KIT)	1,818.66	
22 51 23 00-0110	EA	4" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-04KIT)	1,873.29	
22 51 23 00-0111	EA	6" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-06KIT)	1,989.52	
22 51 23 00-0112	EA	8" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-08KIT)	2,091.99	
22 51 23 00-0113	EA	10" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-10KIT)	2,500.00	
22 51 23 00-0114	EA	12" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-12KIT)	2,510.85	

22 51 23 00-0115 Eco-Flow-E Aquatic Variable Frequency Drive And Options *(22 51 23)*

22 51 23 00-0116 Eco-Flow-E Aquatic Variable Frequency Drive *(22 51 23 00-0115)*

22 51 23 00-0117	EA	2 HP, 480 Volt, 3 Phase, 4 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-04-12-4)	3,798.98	193.85
		For Bypass Panel, Add	*867.38*	
22 51 23 00-0118	EA	3 HP, 480 Volt, 3 Phase, 6 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-06-12-4)	3,802.62	193.85
		For Bypass Panel, Add	*867.38*	
22 51 23 00-0119	EA	5 HP, 480 Volt, 3 Phase, 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-4)	3,870.47	218.07
		For Bypass Panel, Add	*867.38*	
22 51 23 00-0120	EA	7-1/2 HP, 480 Volt, 3 Phase, 12 Amperes, Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-4)	4,019.48	272.59
		For Bypass Panel, Add	*867.38*	
22 51 23 00-0121	EA	10 HP, 480 Volt, 3 Phase, 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-4)	4,348.98	325.29
		For Bypass Panel, Add	*867.38*	
22 51 23 00-0122	EA	15 HP, 480 Volt, 3 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-4)	4,840.82	378.60
		For Bypass Panel, Add	*1,023.66*	
22 51 23 00-0123	EA	20 HP, 480 Volt, 3 Phase, 30 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-30-12-4)	5,704.56	432.51
		For Bypass Panel, Add	*1,023.66*	
22 51 23 00-0124	EA	25 HP, 480 Volt, 3 Phase, 39 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-39-12-4)	5,943.24	541.54
		For Bypass Panel, Add	*1,023.66*	
22 51 23 00-0125	EA	30 HP, 480 Volt, 3 Phase, 45 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-45-12-4)	7,106.19	595.46
		For Bypass Panel, Add	*1,023.66*	
22 51 23 00-0126	EA	40 HP, 480 Volt, 3 Phase, 61 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-61-12-4)	7,330.30	648.77
		For Bypass Panel, Add	*1,245.34*	
22 51 23 00-0127	EA	1/2 HP, 208/230 Volt, 1 Phase (1 HP, 208/230 Volt, 3 Phase) 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-2)	3,778.39	193.85
		For Bypass Panel, Add	*867.38*	
22 51 23 00-0128	EA	1 HP, 208/230 Volt, 1 Phase (2 HP, 208/230 Volt, 3 Phase) 12 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-2)	3,783.23	193.85
		For Bypass Panel, Add	*867.38*	
22 51 23 00-0129	EA	1-1/2 HP, 208/230 Volt, 1 Phase (3 HP, 208/230 Volt, 3 Phase) 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-2)	3,806.25	193.85
		For Bypass Panel, Add	*867.38*	
22 51 23 00-0130	EA	5 HP, 208/230 Volt, 1 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-2)	3,889.85	218.07
		For Bypass Panel, Add	*1,023.66*	
22 51 23 00-0131	EA	3 HP, 208/230 Volt, 1 Phase (7-1/2 HP, 208/230 Volt, 3 Phase) 32 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-32-12-2)	4,227.84	272.59
		For Bypass Panel, Add	*1,023.66*	
22 51 23 00-0132	EA	5 HP, 208/230 Volt, 1 Phase (10 HP, 208/230 Volt, 3 Phase) 46 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-46-12-2)	4,714.83	325.29
		For Bypass Panel, Add	*1,023.66*	
22 51 23 00-0133	EA	7-1/2 HP, 208/230 Volt, 1 Phase (15 HP, 208/230 Volt, 3 Phase) 60 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-60-12-2)	5,585.83	378.60
		For Bypass Panel, Add	*1,245.34*	
22 51 23 00-0134	EA	10 HP, 208/230 Volt, 1 Phase (20 HP, 208/230 Volt, 3 Phase) 74 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-74-12-2)	5,716.68	432.51
		For Bypass Panel, Add	*1,245.34*	
22 51 23 00-0135	EA	25 HP, 208/230 Volt, 1 Phase, 88 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-88-12-2)	6,981.41	541.54
		For Bypass Panel, Add	*1,689.93*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0136	EA	15 HP, 208/230 Volt, 1 Phase (30 HP, 208/230 Volt, 3 Phase) 124 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-124-12-2)	7,207.94	595.46
		For Bypass Panel, Add	*2,325.93*	

22 51 23 00-0137 Eco-Flow-E Aquatic Variable Frequency Drive Options *(22 51 23 00-0115)*

22 51 23 00-0138	EA	0 To 30 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-30)	525.77	90.86
22 51 23 00-0139	EA	0 To 100 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-100)	525.77	90.86
22 51 23 00-0140	EA	Lightning Arrestor (H2Flow LA)	554.84	60.57
22 51 23 00-0141	EA	2 HP, 480 Volt, (3/4 HP, 208/230 Volt) Load Reactor (TCI V1K4A00)	621.46	27.25
22 51 23 00-0142	EA	3 HP, 480 Volt, (1 To 1-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K6A00)	642.04	30.29
22 51 23 00-0143	EA	5 HP, 480 Volt, (2 HP, 208/230 Volt) Load Reactor (TCI V1K8A00)	657.80	33.32
22 51 23 00-0144	EA	7-1/2 HP, 480 Volt, (3 HP, 208/230 Volt) Load Reactor (TCI V1K12A00)	686.87	36.35
22 51 23 00-0145	EA	10 HP, 480 Volt, (5 HP, 208/230 Volt) Load Reactor (TCI V1K16A00)	700.20	39.37
22 51 23 00-0146	EA	15 HP, 480 Volt, (7-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K25A00)	913.41	42.40
22 51 23 00-0147	EA	20 HP, 480 Volt, Load Reactor (TCI V1K27A00)	952.17	45.43
22 51 23 00-0148	EA	25 HP, 480 Volt, (10 HP, 208/230 Volt) Load Reactor (TCI V1K35A00)	994.57	48.46
22 51 23 00-0149	EA	30 HP, 480 Volt, (15 HP, 208/230 Volt) Load Reactor (TCI V1K45A00)	1,035.76	51.49
22 51 23 00-0150	EA	40 HP, 480 Volt, (20 HP, 208/230 Volt) Load Reactor (TCI V1K55A00)	1,072.10	54.52
22 51 23 00-0151	EA	25 To 30 HP, 208/230 Volt, Load Reactor (TCI V1K80A00)	1,473.07	57.55
22 51 23 00-0152	EA	1 HP, 208/230 Volt, Line Reactor (TCI KDRA25L)	190.19	30.29
22 51 23 00-0153	EA	2 HP, 208/230 Volt, Line Reactor (TCI KDRA27L)	203.53	33.32
22 51 23 00-0154	EA	3 HP, 208/230 Volt, Line Reactor (TCI KDRA28L)	227.75	36.35
22 51 23 00-0155	EA	5 HP, 208/230 Volt, Line Reactor (TCI KDRB22L)	299.22	39.37
22 51 23 00-0156	EA	7-1/2 HP, 208/230 Volt, Line Reactor (TCI KDRB23L)	335.57	42.40
22 51 23 00-0157	EA	10 HP, 208/230 Volt, Line Reactor (TCI KDRD25L)	347.68	45.43
22 51 23 00-0158	EA	15 HP, 208/230 Volt, Line Reactor (TCI KDRD24L)	359.79	48.46
22 51 23 00-0159	EA	20 HP, 208/230 Volt, Line Reactor (TCI KDRD26L)	381.60	51.49
22 51 23 00-0160	EA	25 HP, 208/230 Volt, Line Reactor (TCI KDRC22L)	482.15	54.52
22 51 23 00-0161	EA	30 HP, 208/230 Volt, Line Reactor (TCI KDRF24L)	495.47	57.55
22 51 23 00-0162	EA	1 HP, 480 Volt, Line Reactor (TCI KDRA8L)	191.40	30.29
22 51 23 00-0163	EA	2 HP, 480 Volt, Line Reactor (TCI KDRA1L)	210.80	33.32
22 51 23 00-0164	EA	3 HP, 480 Volt, Line Reactor (TCI KDRA2L)	231.38	36.35
22 51 23 00-0165	EA	5 HP, 480 Volt, Line Reactor (TCI KDRA3L)	243.50	39.37
22 51 23 00-0166	EA	7-1/2 HP, 480 Volt, Line Reactor (TCI KDRA4L)	254.41	42.40
22 51 23 00-0167	EA	10 HP, 480 Volt, Line Reactor (TCI KDRA5L)	318.60	45.43
22 51 23 00-0168	EA	15 HP, 480 Volt, Line Reactor (TCI KDRB2L)	331.93	48.46
22 51 23 00-0169	EA	20 HP, 480 Volt, Line Reactor (TCI KDRB1L)	348.89	51.49
22 51 23 00-0170	EA	25 HP, 480 Volt, Line Reactor (TCI KDRD1L)	361.01	54.52
22 51 23 00-0171	EA	30 HP, 480 Volt, Line Reactor (TCI KDRD2L)	434.90	57.55
22 51 23 00-0172	EA	40 HP, 480 Volt, Line Reactor (TCI KDRC1L)	473.68	60.57
22 51 23 00-0173	EA	Models 04 To 30, 304 SS Metric To English Conduit Adaptor Kit	77.53	
22 51 23 00-0174	EA	Models 32 To 46, 304 SS Metric To English Conduit Adaptor Kit	105.40	
22 51 23 00-0175	EA	Models 60 To 74, 304 SS Metric To English Conduit Adaptor Kit	130.83	

22 51 23 00-0176 Pool Flow Meters *(22 51 23)*

22 51 23 00-0177	EA	20 To 110 GPM, 1-1/2" Retrofit Kit FlowVis For Existing Jandy Or Praher Valve Flow Meter (H2Flow FVJ-R-15)	134.92	19.98
22 51 23 00-0178	EA	20 To 110 GPM, 2" x 2-1/2" Retrofit Kit FlowVis For Existing Jandy® Or Praher Valve Flow Meter (H2Flow FVJ-R)	134.92	19.98
22 51 23 00-0179	EA	20 To 110 GPM, 1-1/2" Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C-15)	209.62	37.45
22 51 23 00-0180	EA	20 To 110 GPM, 2" x 2-1/2" Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C)	174.87	39.95

22 51 23 00-0181 Paddlewheel Flow Sensors *(22 51 23)*

22 51 23 00-0182	EA	1/2" To 4" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P0) Note: Includes 25' of cable (extendable to 200').	929.77	69.97
22 51 23 00-0183	EA	1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-PO)	1,231.41	69.97
22 51 23 00-0184	EA	1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-PO)	1,231.41	69.97
22 51 23 00-0185	EA	1/2" To 4" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-PO)	1,278.66	69.97
22 51 23 00-0186	EA	1/2" To 4" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-PO)	1,329.54	69.97
22 51 23 00-0187	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-TO)	1,425.84	69.97
22 51 23 00-0188	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-TO)	1,425.84	69.97
22 51 23 00-0189	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-TO)	1,485.81	69.97
22 51 23 00-0190	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-TO)	1,543.95	69.97
22 51 23 00-0191	EA	>4" To 8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P1) Note: Includes 25' of cable (extendable to 200').	971.57	69.97
22 51 23 00-0192	EA	>4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-P1)	1,278.66	69.97
22 51 23 00-0193	EA	>4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-P1)	1,278.66	69.97
22 51 23 00-0194	EA	>4" To 8" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-P1)	1,329.54	69.97
22 51 23 00-0195	EA	>4" To 8" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-P1)	1,376.78	69.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0196	EA	>8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P2) Note: Includes 25' of cable (extendable to 200').	1,009.73	69.97
22 51 23 00-0197	EA	2" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S020)	308.77	
22 51 23 00-0198	EA	4" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S040)	426.82	
22 51 23 00-0199	EA	6" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S060)	524.89	
22 51 23 00-0200	EA	8" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S080)	644.76	
22 51 23 00-0201	EA	10" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S100)	853.66	
22 51 23 00-0202	EA	12" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S120)	864.51	
22 51 23 00-0203	EA	24 Volt DC, Power Supply 7.5 Watt, 300 mA (Signet 7300-7524)	307.70	19.38
22 51 23 00-0204	EA	24 Volt DC, Power Supply 15 Watt, 600 mA (Signet 7300-1524)	422.18	19.38
22 51 23 00-0205	EA	24 Volt DC, 30 Watt, 1.3 Amperes, Power Supply (Signet 7300-3024)	520.30	19.38
22 51 23 00-0206	EA	24 Volt DC, 50 Watt, 2.1 Amperes, Power Supply (Signet 7300-5024)	658.40	19.38
22 51 23 00-0207	EA	24 Volt DC, 100 Watt, 4.2 Amperes, Power Supply (Signet 7300-1024)	912.80	19.38

22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities *(22)*

22 63 Gas Systems for Laboratory and Healthcare Facilities *(22 60)*

22 63 13 Gas Piping for Laboratory and Healthcare Facilities *(22 63)*

22 63 13 53 Laboratory Gas Piping *(22 63 13)*

See CSI section 23 21 13 23-0001 for black steel pipe, 23 21 13 23-2279 for PVC piping.

22 63 13 70 Healthcare Gas Piping *(22 63 13)*

22 63 13 70-0001 Zone Valve Assemblies *(22 63 13 70)*

22 63 13 70-0002 Single Zone Valve Assemblies *(22 63 13 70-0001)*

22 63 13 70-0003	EA	1/2" Single Zone Valve Assembly With Gauge (Amico VBU-M-05)	448.76	79.30
22 63 13 70-0004	EA	3/4" Single Zone Valve Assembly With Gauge (Amico VBU-M-07)	479.34	85.99
22 63 13 70-0005	EA	1" Single Zone Valve Assembly With Gauge (Amico VBU-M-10)	509.96	91.48
22 63 13 70-0006	EA	1-1/4" Single Zone Valve Assembly With Gauge (Amico VBU-M-12)	573.59	99.88
22 63 13 70-0007	EA	1-1/2" Single Zone Valve Assembly With Gauge (Amico VBU-M-15)	657.00	105.97
22 63 13 70-0008	EA	2" Single Zone Valve Assembly With Gauge (Amico VBU-M-20)	815.30	114.36

22 63 13 70-0009 Double Zone Valve Assemblies *(22 63 13 70-0001)*

22 63 13 70-0010	EA	1/2" x 1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0505)	641.69	113.66
22 63 13 70-0011	EA	1/2" x 3/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0507)	672.26	120.35
22 63 13 70-0012	EA	1/2" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-0510)	709.35	125.74
22 63 13 70-0013	EA	1/2" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0512)	783.74	134.24
22 63 13 70-0014	EA	1/2" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0515)	877.94	140.33
22 63 13 70-0015	EA	3/4" x 3/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0707)	700.68	127.04
22 63 13 70-0016	EA	3/4" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-0710)	737.78	132.54
22 63 13 70-0017	EA	3/4" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0712)	814.32	140.93
22 63 13 70-0018	EA	3/4" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0715)	867.59	147.02
22 63 13 70-0019	EA	1" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-1010)	766.24	137.93
22 63 13 70-0020	EA	1" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-1012)	812.64	146.42
22 63 13 70-0021	EA	1" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1015)	900.37	152.51
22 63 13 70-0022	EA	1-1/4" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-1212)	936.57	154.81
22 63 13 70-0023	EA	1-1/4" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1215)	972.61	161.01
22 63 13 70-0024	EA	1-1/2" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1515)	1,066.80	167.10

22 63 13 70-0025 Triple Zone Valve Assemblies *(22 63 13 70-0001)*

22 63 13 70-0026	EA	1/2" x 1/2" x 1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050505)	873.38	147.92
22 63 13 70-0027	EA	1/2" x 1/2" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050507)	903.95	154.71
22 63 13 70-0028	EA	1/2" x 1/2" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050510)	941.05	160.10
22 63 13 70-0029	EA	1/2" x 1/2" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050512)	1,017.59	168.60
22 63 13 70-0030	EA	1/2" x 1/2" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050515)	1,113.94	174.69
22 63 13 70-0031	EA	1/2" x 3/4" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050707)	936.68	161.40
22 63 13 70-0032	EA	1/2" x 3/4" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050710)	973.77	166.79
22 63 13 70-0033	EA	1/2" x 3/4" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050712)	1,048.16	175.29
22 63 13 70-0034	EA	1/2" x 3/4" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050715)	1,144.50	181.38
22 63 13 70-0035	EA	1/2" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051010)	1,010.86	172.29
22 63 13 70-0036	EA	1/2" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051012)	1,085.25	180.78
22 63 13 70-0037	EA	1/2" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051015)	1,181.60	186.87
22 63 13 70-0038	EA	3/4" x 3/4" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070707)	967.25	168.09
22 63 13 70-0039	EA	3/4" x 3/4" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070710)	1,004.34	173.59
22 63 13 70-0040	EA	3/4" x 3/4" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070712)	1,078.73	181.98
22 63 13 70-0041	EA	3/4" x 3/4" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070715)	1,175.08	188.07
22 63 13 70-0042	EA	3/4" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071010)	1,041.44	178.98
22 63 13 70-0043	EA	3/4" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071012)	1,115.82	187.47
22 63 13 70-0044	EA	3/4" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071015)	1,210.02	193.56
22 63 13 70-0045	EA	1" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-1010110)	1,022.51	184.47
22 63 13 70-0046	EA	1" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101012)	1,094.76	192.87
22 63 13 70-0047	EA	1" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101015)	1,249.26	199.06

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 63 13 70-0048		Medical Gas Copper Pipe And Fittings *(22 63 13 70)*			
22 63 13 70-0049		Medical Gas Copper Pipe, ASTM B819 *(22 63 13 70-0048)*			
22 63 13 70-0050	LF	1/4" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 1/4")		8.06	3.48
22 63 13 70-0051	LF	3/8" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 3/8")		10.06	3.48
22 63 13 70-0052	LF	1/2" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 1/2")		10.82	3.48
22 63 13 70-0053	LF	5/8" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 5/8")		12.22	3.48
22 63 13 70-0054	LF	3/4" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 3/4")		16.63	3.48
22 63 13 70-0055	LF	1" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 1")		19.57	3.48
22 63 13 70-0056	LF	1-1/4" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 1-1/4")		23.53	3.48
22 63 13 70-0057	LF	1-1/2" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 1-1/2")		29.34	3.48
22 63 13 70-0058	LF	2" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 2")		41.61	3.48
22 63 13 70-0059	LF	2-1/2" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 2-1/2")		58.70	5.75
22 63 13 70-0060	LF	3" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 3")		72.13	5.75
22 63 13 70-0061	LF	3-1/2" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 3-1/2")		92.54	8.67
22 63 13 70-0062	LF	4" Type K, ASTM B819, Washed And Capped Copper Pipe, Medical/Hospital (OXY/MED) Gas Systems (Cambridge-Lee Industries 4")		127.65	8.67
22 63 13 70-0063		Medical Gas Copper Fittings *(22 63 13 70-0048)*			
22 63 13 70-0064		Medical Gas Copper 90 Degree Elbows *(22 63 13 70-0063)*			
22 63 13 70-0065	EA	1/4" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P049)		42.82	26.35
22 63 13 70-0066	EA	3/8" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P050)		44.29	27.55
22 63 13 70-0067	EA	1/2" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P079)		46.90	28.96
22 63 13 70-0068	EA	5/8" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P080)		52.15	30.47
22 63 13 70-0069	EA	3/4" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P081)		51.44	30.47
22 63 13 70-0070	EA	1" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P082)		62.61	36.22
22 63 13 70-0071	EA	1-1/4" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P055)		66.74	38.61
22 63 13 70-0072	EA	1-1/2" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P056)		81.14	44.46
22 63 13 70-0073	EA	2" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P057)		100.28	52.60
22 63 13 70-0074	EA	2-1/2" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P058)		181.76	89.04
22 63 13 70-0075	EA	3" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 1VMA3)		222.89	105.20
22 63 13 70-0076	EA	4" 90 Degree Copper Elbow, Medical/Hospital (OXY/MED) Gas Systems (Nibco 1VMA4)		342.99	128.63
22 63 13 70-0077		Medical Gas Copper Tees *(22 63 13 70-0063)*			
22 63 13 70-0078	EA	1/4" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P095)		65.08	38.61
22 63 13 70-0079	EA	3/8" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P096)		67.51	41.32
22 63 13 70-0080	EA	1/2" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P098)		68.40	44.46
22 63 13 70-0081	EA	5/8" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R568)		86.66	48.26
22 63 13 70-0082	EA	3/4" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P103)		76.33	48.26
22 63 13 70-0083	EA	1" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P109)		99.34	57.91
22 63 13 70-0084	EA	1-1/4" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P113)		115.02	64.31
22 63 13 70-0085	EA	1-1/2" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P117)		133.87	72.34
22 63 13 70-0086	EA	2" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R499)		167.86	82.64
22 63 13 70-0087	EA	2-1/2" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 1VMD9)		290.83	144.68
22 63 13 70-0088	EA	3" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 1VME5)		370.36	165.40
22 63 13 70-0089	EA	4" Copper Tee, Medical/Hospital (OXY/MED) Gas Systems (Nibco 1VMG2)		596.53	231.44
22 63 13 70-0090		Medical Gas Copper Couplings *(22 63 13 70-0063)*			
22 63 13 70-0091	EA	1/4" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R491)		35.62	23.10
22 63 13 70-0092	EA	3/8" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R495)		37.39	24.08
22 63 13 70-0093	EA	1/2" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R489)		38.56	25.16
22 63 13 70-0094	EA	5/8" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R493)		42.47	26.35
22 63 13 70-0095	EA	3/4" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R490)		42.97	27.55
22 63 13 70-0096	EA	1" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R492)		51.83	32.10
22 63 13 70-0097	EA	1-1/4" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R501)		58.02	34.06
22 63 13 70-0098	EA	1-1/2" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R509)		66.56	38.61
22 63 13 70-0099	EA	2" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R516)		80.45	44.46
22 63 13 70-0100	EA	2-1/2" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R615)		147.78	77.11
22 63 13 70-0101	EA	3" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R690)		181.77	89.04
22 63 13 70-0102	EA	4" Copper Coupling, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R692)		243.30	108.45
22 63 13 70-0103		Medical Gas Copper Caps *(22 63 13 70-0063)*			
22 63 13 70-0104	EA	1/4" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R498)		22.90	14.43

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			MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 63 13 70-0105	EA	3/8" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R521)				23.58	14.43
22 63 13 70-0106	EA	1/2" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P121)				22.38	14.43
22 63 13 70-0107	EA	5/8" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 39R511)				25.18	15.18
22 63 13 70-0108	EA	3/4" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P122)				24.02	15.18
22 63 13 70-0109	EA	1" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P123)				30.53	18.11
22 63 13 70-0110	EA	1-1/4" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P124)				34.79	19.96
22 63 13 70-0111	EA	1-1/2" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P125)				40.34	22.23
22 63 13 70-0112	EA	2" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 5P126)				52.26	26.35
22 63 13 70-0113	EA	2-1/2" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 1VMG6)				82.83	28.96
22 63 13 70-0114	EA	3" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 1VMG7)				100.99	32.10
22 63 13 70-0115	EA	4" Copper Cap, Medical/Hospital (OXY/MED) Gas Systems (Nibco 1VMG8)				147.79	36.22

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities *(22 60)*

22 66 53 Laboratory Chemical-Waste and Vent Piping *(22 66)*

22 66 53 00-0001 Polypropylene Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*

22 66 53 00-0002 Schedule 40 Polypropylene Acid Resistant DWV Pipe And Fuseal Fittings *(22 66 53 00-0001)*

22 66 53 00-0003 Schedule 40 Polypropylene Acid Resistant DWV Pipe *(22 66 53 00-0002)*

22 66 53 00-0004	LF	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Pipe		16.17	5.69
		For Schedule 80, Add		*3.95*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add		*3.38*	
		For Work In Restricted Working Space, Add		*2.57*	
22 66 53 00-0005	LF	2" Schedule 40 Polypropylene Acid Resistant DWV Pipe		19.92	6.39
		For Schedule 80, Add		*5.34*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add		*4.57*	
		For Work In Restricted Working Space, Add		*2.90*	
22 66 53 00-0006	LF	3" Schedule 40 Polypropylene Acid Resistant DWV Pipe		32.51	9.29
		For Schedule 80, Add		*9.64*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add		*8.25*	
		For Work In Restricted Working Space, Add		*4.19*	
22 66 53 00-0007	LF	4" Schedule 40 Polypropylene Acid Resistant DWV Pipe		44.48	12.08
		For Schedule 80, Add		*13.69*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add		*11.71*	
		For Work In Restricted Working Space, Add		*5.45*	
22 66 53 00-0008	LF	6" Schedule 40 Polypropylene Acid Resistant DWV Pipe		74.08	17.78
		For Schedule 80, Add		*24.67*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add		*21.11*	
		For Work In Restricted Working Space, Add		*7.99*	

22 66 53 00-0009 Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bends *(22 66 53 00-0002)*

22 66 53 00-0010	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend		62.84	21.48
		For Work In Restricted Working Space, Add		*9.67*	
22 66 53 00-0011	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend		80.53	28.36
		For Work In Restricted Working Space, Add		*12.75*	
22 66 53 00-0012	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend		113.28	32.46
		For Work In Restricted Working Space, Add		*14.62*	
22 66 53 00-0013	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend		167.21	42.95
		For Work In Restricted Working Space, Add		*19.33*	
22 66 53 00-0014	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend		347.71	63.43
		For Work In Restricted Working Space, Add		*28.54*	

22 66 53 00-0015 Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bends *(22 66 53 00-0002)*

22 66 53 00-0016	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend		62.32	21.48
		For Work In Restricted Working Space, Add		*9.67*	
22 66 53 00-0017	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend		79.15	28.36
		For Work In Restricted Working Space, Add		*12.75*	
22 66 53 00-0018	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend		115.93	32.46
		For Work In Restricted Working Space, Add		*14.62*	
22 66 53 00-0019	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend		140.65	42.95
		For Work In Restricted Working Space, Add		*19.33*	
22 66 53 00-0020	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend		306.55	63.43
		For Work In Restricted Working Space, Add		*28.54*	

22 66 53 00-0021 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tees *(22 66 53 00-0002)*

22 66 53 00-0022	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee		106.91	45.95
		For Work In Restricted Working Space, Add		*20.66*	
22 66 53 00-0023	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee		132.41	57.93
		For Work In Restricted Working Space, Add		*26.06*	
22 66 53 00-0024	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee		186.28	63.43
		For Work In Restricted Working Space, Add		*28.54*	
22 66 53 00-0025	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee		261.35	83.30
		For Work In Restricted Working Space, Add		*37.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0026	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	471.23	133.24
		For Work In Restricted Working Space, Add	*59.93*	
22 66 53 00-0027		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tees** *(22 66 53 00-0002)*		
22 66 53 00-0028	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	132.35	57.93
		For Work In Restricted Working Space, Add	*26.06*	
22 66 53 00-0029	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	179.91	63.43
		For Work In Restricted Working Space, Add	*28.54*	
22 66 53 00-0030	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	174.26	63.43
		For Work In Restricted Working Space, Add	*28.54*	
22 66 53 00-0031	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	246.84	83.30
		For Work In Restricted Working Space, Add	*37.46*	
22 66 53 00-0032	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	252.32	83.30
		For Work In Restricted Working Space, Add	*37.46*	
22 66 53 00-0033	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	430.83	133.24
		For Work In Restricted Working Space, Add	*59.93*	
22 66 53 00-0034		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tees With Plug** *(22 66 53 00-0002)*		
22 66 53 00-0035	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	125.48	45.95
		For Work In Restricted Working Space, Add	*20.66*	
22 66 53 00-0036	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	136.90	57.93
		For Work In Restricted Working Space, Add	*26.06*	
22 66 53 00-0037	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	200.02	63.43
		For Work In Restricted Working Space, Add	*28.54*	
22 66 53 00-0038	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	267.69	83.30
		For Work In Restricted Working Space, Add	*37.46*	
22 66 53 00-0039	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	392.90	133.24
		For Work In Restricted Working Space, Add	*59.93*	
22 66 53 00-0040		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wyes** *(22 66 53 00-0002)*		
22 66 53 00-0041	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	117.33	45.95
		For Work In Restricted Working Space, Add	*20.66*	
22 66 53 00-0042	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	142.07	57.93
		For Work In Restricted Working Space, Add	*26.06*	
22 66 53 00-0043	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	192.03	63.43
		For Work In Restricted Working Space, Add	*28.54*	
22 66 53 00-0044	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	266.12	83.30
		For Work In Restricted Working Space, Add	*37.46*	
22 66 53 00-0045	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	558.39	133.24
		For Work In Restricted Working Space, Add	*59.93*	
22 66 53 00-0046		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wyes** *(22 66 53 00-0002)*		
22 66 53 00-0047	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	154.83	57.93
		For Work In Restricted Working Space, Add	*26.06*	
22 66 53 00-0048	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	185.48	63.43
		For Work In Restricted Working Space, Add	*28.54*	
22 66 53 00-0049	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	185.48	63.43
		For Work In Restricted Working Space, Add	*28.54*	
22 66 53 00-0050	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	260.46	83.30
		For Work In Restricted Working Space, Add	*37.46*	
22 66 53 00-0051	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	260.46	83.30
		For Work In Restricted Working Space, Add	*37.46*	
22 66 53 00-0052	EA	6" x 6" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	483.31	133.24
		For Work In Restricted Working Space, Add	*59.93*	
22 66 53 00-0053	EA	6" x 6" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	487.71	133.24
		For Work In Restricted Working Space, Add	*59.93*	
22 66 53 00-0054	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	432.68	133.24
		For Work In Restricted Working Space, Add	*59.93*	
22 66 53 00-0055		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Crosses** *(22 66 53 00-0002)*		
22 66 53 00-0056	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	145.72	57.43
		For Work In Restricted Working Space, Add	*25.83*	
22 66 53 00-0057	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	179.99	72.42
		For Work In Restricted Working Space, Add	*32.57*	
22 66 53 00-0058	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	261.80	79.30
		For Work In Restricted Working Space, Add	*35.67*	
22 66 53 00-0059	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	370.04	104.07
		For Work In Restricted Working Space, Add	*46.82*	
22 66 53 00-0060	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	675.26	166.50
		For Work In Restricted Working Space, Add	*74.91*	
22 66 53 00-0061		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bends** *(22 66 53 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0062	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	103.51	45.95
		For Work In Restricted Working Space, Add	*20.66*	
22 66 53 00-0063	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	137.45	57.93
		For Work In Restricted Working Space, Add	*26.06*	
22 66 53 00-0064	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	159.87	63.43
		For Work In Restricted Working Space, Add	*28.54*	
22 66 53 00-0065	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	225.54	83.30
		For Work In Restricted Working Space, Add	*37.46*	
22 66 53 00-0066	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	122.39	57.93
		For Work In Restricted Working Space, Add	*26.06*	
22 66 53 00-0067	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	153.81	63.43
		For Work In Restricted Working Space, Add	*28.54*	
22 66 53 00-0068	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	156.24	63.43
		For Work In Restricted Working Space, Add	*28.54*	
22 66 53 00-0069	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	216.53	83.30
		For Work In Restricted Working Space, Add	*37.46*	
22 66 53 00-0070	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	218.07	83.30
		For Work In Restricted Working Space, Add	*37.46*	
22 66 53 00-0071		Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Traps *(22 66 53 00-0002)*		
22 66 53 00-0072	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	123.34	53.34
		For Work In Restricted Working Space, Add	*23.97*	
22 66 53 00-0073	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	164.90	70.12
		For Work In Restricted Working Space, Add	*31.54*	
22 66 53 00-0074	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	260.26	95.18
		For Work In Restricted Working Space, Add	*42.81*	
22 66 53 00-0075	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	379.16	121.16
		For Work In Restricted Working Space, Add	*54.48*	
22 66 53 00-0076		Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapters *(22 66 53 00-0002)*		
22 66 53 00-0077	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	61.40	21.48
		For Work In Restricted Working Space, Add	*9.67*	
22 66 53 00-0078	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	72.91	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 66 53 00-0079	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	86.35	32.46
		For Work In Restricted Working Space, Add	*14.62*	
22 66 53 00-0080	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	118.66	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 66 53 00-0081	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	176.35	63.43
		For Work In Restricted Working Space, Add	*28.54*	
22 66 53 00-0082		Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapters *(22 66 53 00-0002)*		
22 66 53 00-0083	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	57.74	21.48
		For Work In Restricted Working Space, Add	*9.67*	
22 66 53 00-0084	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	75.67	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 66 53 00-0085	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	91.42	32.46
		For Work In Restricted Working Space, Add	*14.62*	
22 66 53 00-0086	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	123.64	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 66 53 00-0087		Schedule 40 Polypropylene Acid Resistant DWV Fuseal Couplings *(22 66 53 00-0002)*		
22 66 53 00-0088	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	53.19	21.48
		For Work In Restricted Working Space, Add	*9.67*	
22 66 53 00-0089	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	67.50	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 66 53 00-0090	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	79.06	32.46
		For Work In Restricted Working Space, Add	*14.62*	
22 66 53 00-0091	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	104.55	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 66 53 00-0092	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	153.44	63.43
		For Work In Restricted Working Space, Add	*28.54*	
22 66 53 00-0093		Glass Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*		
22 66 53 00-0094		Glass Acid Resistant DWV Pipe *(22 66 53 00-0093)*		
22 66 53 00-0095	LF	1-1/2" Glass Acid Resistant DWV Pipe	29.80	5.49
		For Work In Restricted Working Space, Add	*3.30*	
22 66 53 00-0096	LF	2" Glass Acid Resistant DWV Pipe	37.61	6.00
		For Work In Restricted Working Space, Add	*3.59*	
22 66 53 00-0097	LF	3" Glass Acid Resistant DWV Pipe	52.02	8.39
		For Work In Restricted Working Space, Add	*5.05*	
22 66 53 00-0098	LF	4" Glass Acid Resistant DWV Pipe	85.79	10.89
		For Work In Restricted Working Space, Add	*6.54*	
22 66 53 00-0099	LF	6" Glass Acid Resistant DWV Pipe	144.46	14.89
		For Work In Restricted Working Space, Add	*8.92*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0100		**Glass Acid Resistant DWV 90 Or 60 Degree Sweeps** *(22 66 53 00-0093)*		
22 66 53 00-0101	EA	1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	88.87	24.47
		For Work In Restricted Working Space, Add	*14.65*	
22 66 53 00-0102	EA	2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	102.37	25.97
		For Work In Restricted Working Space, Add	*15.55*	
22 66 53 00-0103	EA	3" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	142.17	29.46
		For Work In Restricted Working Space, Add	*17.68*	
22 66 53 00-0104	EA	4" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	210.81	38.95
		For Work In Restricted Working Space, Add	*23.37*	
22 66 53 00-0105	EA	6" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	512.93	53.93
		For Work In Restricted Working Space, Add	*32.36*	
22 66 53 00-0106		**Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweeps** *(22 66 53 00-0093)*		
22 66 53 00-0107	EA	1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	89.07	24.57
		For Work In Restricted Working Space, Add	*14.71*	
22 66 53 00-0108	EA	2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	101.97	25.67
		For Work In Restricted Working Space, Add	*15.43*	
22 66 53 00-0109	EA	3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	141.97	29.36
		For Work In Restricted Working Space, Add	*17.62*	
22 66 53 00-0110	EA	4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	210.81	38.95
		For Work In Restricted Working Space, Add	*23.37*	
22 66 53 00-0111	EA	6" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	512.91	53.93
		For Work In Restricted Working Space, Add	*32.36*	
22 66 53 00-0112		**Glass Acid Resistant DWV 90 Or 60 Degree Bends** *(22 66 53 00-0093)*		
22 66 53 00-0113	EA	1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Bend	90.17	24.57
		For Work In Restricted Working Space, Add	*14.71*	
22 66 53 00-0114	EA	2" Glass Acid Resistant DWV 90 Or 60 Degree Bend	103.28	25.67
		For Work In Restricted Working Space, Add	*15.43*	
22 66 53 00-0115	EA	3" Glass Acid Resistant DWV 90 Or 60 Degree Bend	144.27	29.36
		For Work In Restricted Working Space, Add	*17.62*	
22 66 53 00-0116	EA	4" Glass Acid Resistant DWV 90 Or 60 Degree Bend	210.81	38.95
		For Work In Restricted Working Space, Add	*23.37*	
22 66 53 00-0117		**Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bends** *(22 66 53 00-0093)*		
22 66 53 00-0118	EA	1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	90.17	24.57
		For Work In Restricted Working Space, Add	*14.71*	
22 66 53 00-0119	EA	2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	103.28	25.67
		For Work In Restricted Working Space, Add	*15.43*	
22 66 53 00-0120	EA	3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	144.27	29.36
		For Work In Restricted Working Space, Add	*17.62*	
22 66 53 00-0121	EA	4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	210.81	38.95
		For Work In Restricted Working Space, Add	*23.37*	
22 66 53 00-0122		**Glass Acid Resistant DWV 90 Degree Bends With Long Leg** *(22 66 53 00-0093)*		
22 66 53 00-0123	EA	1-1/2" Glass Acid Resistant DWV 90 Degree Bend With Long Leg	105.77	24.57
		For Work In Restricted Working Space, Add	*14.71*	
22 66 53 00-0124	EA	2" Glass Acid Resistant DWV 90 Degree Bends With Long Leg	125.70	25.67
		For Work In Restricted Working Space, Add	*15.43*	
22 66 53 00-0125		**Glass Acid Resistant DWV Double Quarter Bends** *(22 66 53 00-0093)*		
22 66 53 00-0126	EA	1-1/2" Glass Acid Resistant DWV Double Quarter Bend	145.11	36.76
		For Work In Restricted Working Space, Add	*22.07*	
22 66 53 00-0127	EA	2" x 1-1/2" Glass Acid Resistant DWV Double Quarter Bend	184.39	38.06
		For Work In Restricted Working Space, Add	*22.83*	
22 66 53 00-0128	EA	2" Glass Acid Resistant DWV Double Quarter Bend	171.01	38.55
		For Work In Restricted Working Space, Add	*23.15*	
22 66 53 00-0129	EA	3" Glass Acid Resistant DWV Double Quarter Bend	233.59	44.04
		For Work In Restricted Working Space, Add	*26.43*	
22 66 53 00-0130	EA	4" Glass Acid Resistant DWV Double Quarter Bend	388.88	58.43
		For Work In Restricted Working Space, Add	*35.05*	
22 66 53 00-0131	EA	6" Glass Acid Resistant DWV Double Quarter Bend	598.48	80.90
		For Work In Restricted Working Space, Add	*48.55*	
22 66 53 00-0132		**Glass Acid Resistant DWV Sanitary Tees** *(22 66 53 00-0093)*		
22 66 53 00-0133	EA	1-1/2" Glass Acid Resistant DWV Sanitary Tee	138.45	36.96
		For Work In Restricted Working Space, Add	*22.17*	
22 66 53 00-0134	EA	2" Glass Acid Resistant DWV Sanitary Tee	141.44	38.45
		For Work In Restricted Working Space, Add	*23.07*	
22 66 53 00-0135	EA	3" Glass Acid Resistant DWV Sanitary Tee	184.16	43.94
		For Work In Restricted Working Space, Add	*26.37*	
22 66 53 00-0136	EA	4" Glass Acid Resistant DWV Sanitary Tee	289.57	58.43
		For Work In Restricted Working Space, Add	*35.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0137	EA	6" Glass Acid Resistant DWV Sanitary Tee	624.49	80.90
		For Work In Restricted Working Space, Add	*48.54*	
22 66 53 00-0138		**Glass Acid Resistant DWV Reducing Sanitary Tees** *(22 66 53 00-0093)*		
22 66 53 00-0139	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	140.44	37.96
		For Work In Restricted Working Space, Add	*22.77*	
22 66 53 00-0140	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	168.00	41.45
		For Work In Restricted Working Space, Add	*24.87*	
22 66 53 00-0141	EA	3" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	178.85	42.45
		For Work In Restricted Working Space, Add	*25.47*	
22 66 53 00-0142	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	231.61	51.44
		For Work In Restricted Working Space, Add	*30.86*	
22 66 53 00-0143	EA	4" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	243.22	51.94
		For Work In Restricted Working Space, Add	*31.16*	
22 66 53 00-0144	EA	4" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee	255.75	53.44
		For Work In Restricted Working Space, Add	*32.06*	
22 66 53 00-0145	EA	6" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	458.61	66.92
		For Work In Restricted Working Space, Add	*40.16*	
22 66 53 00-0146	EA	6" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee	495.51	68.41
		For Work In Restricted Working Space, Add	*41.05*	
22 66 53 00-0147	EA	6" x 4" Glass Acid Resistant DWV Reducing Sanitary Tee	507.35	73.41
		For Work In Restricted Working Space, Add	*44.05*	
22 66 53 00-0148		**Glass Acid Resistant DWV Double Sanitary Tees** *(22 66 53 00-0093)*		
22 66 53 00-0149	EA	1-1/2" Glass Acid Resistant DWV Double Sanitary Tee	196.88	48.94
		For Work In Restricted Working Space, Add	*29.37*	
22 66 53 00-0150	EA	2" Glass Acid Resistant DWV Double Sanitary Tee	201.85	51.44
		For Work In Restricted Working Space, Add	*30.86*	
22 66 53 00-0151	EA	3" Glass Acid Resistant DWV Double Sanitary Tee	263.33	58.93
		For Work In Restricted Working Space, Add	*35.36*	
22 66 53 00-0152	EA	4" Glass Acid Resistant DWV Double Sanitary Tee	434.61	77.91
		For Work In Restricted Working Space, Add	*46.74*	
22 66 53 00-0153	EA	6" Glass Acid Resistant DWV Double Sanitary Tee	784.34	107.87
		For Work In Restricted Working Space, Add	*64.73*	
22 66 53 00-0154		**Glass Acid Resistant DWV Reducing Double Sanitary Tees** *(22 66 53 00-0093)*		
22 66 53 00-0155	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	199.86	50.43
		For Work In Restricted Working Space, Add	*30.26*	
22 66 53 00-0156	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	232.02	53.93
		For Work In Restricted Working Space, Add	*32.36*	
22 66 53 00-0157	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	245.72	54.93
		For Work In Restricted Working Space, Add	*32.96*	
22 66 53 00-0158	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	362.35	63.43
		For Work In Restricted Working Space, Add	*38.06*	
22 66 53 00-0159	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	358.33	64.92
		For Work In Restricted Working Space, Add	*38.95*	
22 66 53 00-0160	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee	384.94	68.41
		For Work In Restricted Working Space, Add	*41.06*	
22 66 53 00-0161	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	513.42	79.90
		For Work In Restricted Working Space, Add	*47.93*	
22 66 53 00-0162	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee	559.28	83.40
		For Work In Restricted Working Space, Add	*50.03*	
22 66 53 00-0163	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Sanitary Tee	633.88	92.89
		For Work In Restricted Working Space, Add	*55.72*	
22 66 53 00-0164		**Glass Acid Resistant DWV Tees** *(22 66 53 00-0093)*		
22 66 53 00-0165	EA	1-1/2" Glass Acid Resistant DWV Tee	153.77	36.96
		For Work In Restricted Working Space, Add	*22.18*	
22 66 53 00-0166	EA	2" Glass Acid Resistant DWV Tee	156.75	38.45
		For Work In Restricted Working Space, Add	*23.07*	
22 66 53 00-0167	EA	3" Glass Acid Resistant DWV Tee	203.18	43.94
		For Work In Restricted Working Space, Add	*26.37*	
22 66 53 00-0168	EA	4" Glass Acid Resistant DWV Tee	319.42	58.43
		For Work In Restricted Working Space, Add	*35.05*	
22 66 53 00-0169	EA	6" Glass Acid Resistant DWV Tee	660.28	80.90
		For Work In Restricted Working Space, Add	*48.55*	
22 66 53 00-0170		**Glass Acid Resistant DWV Reducing Tees** *(22 66 53 00-0093)*		
22 66 53 00-0171	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	155.74	37.96
		For Work In Restricted Working Space, Add	*22.77*	
22 66 53 00-0172	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	183.97	41.45
		For Work In Restricted Working Space, Add	*24.87*	
22 66 53 00-0173	EA	3" x 2" Glass Acid Resistant DWV Reducing Tee	188.27	42.45
		For Work In Restricted Working Space, Add	*25.47*	
22 66 53 00-0174	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	235.12	51.44
		For Work In Restricted Working Space, Add	*30.86*	
22 66 53 00-0175	EA	4" x 2" Glass Acid Resistant DWV Reducing Tee	241.58	51.94
		For Work In Restricted Working Space, Add	*31.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0176	EA	4" x 3" Glass Acid Resistant DWV Reducing Tee	291.65	53.44
		For Work In Restricted Working Space, Add	*32.07*	
22 66 53 00-0177	EA	6" x 3" Glass Acid Resistant DWV Reducing Tee	561.12	68.41
		For Work In Restricted Working Space, Add	*41.05*	
22 66 53 00-0178	EA	6" x 4" Glass Acid Resistant DWV Reducing Tee	584.12	73.41
		For Work In Restricted Working Space, Add	*44.04*	
22 66 53 00-0179		**Glass Acid Resistant DWV Test Tees With Cleanout** *(22 66 53 00-0093)*		
22 66 53 00-0180	EA	1-1/2" Glass Acid Resistant DWV Test Tee With Cleanout	180.02	36.96
		For Work In Restricted Working Space, Add	*22.18*	
22 66 53 00-0181	EA	2" Glass Acid Resistant DWV Test Tee With Cleanout	201.27	38.45
		For Work In Restricted Working Space, Add	*23.07*	
22 66 53 00-0182	EA	3" Glass Acid Resistant DWV Test Tee With Cleanout	259.29	43.94
		For Work In Restricted Working Space, Add	*26.37*	
22 66 53 00-0183	EA	4" Glass Acid Resistant DWV Test Tee With Cleanout	447.29	58.43
		For Work In Restricted Working Space, Add	*35.05*	
22 66 53 00-0184	EA	6" Glass Acid Resistant DWV Test Tee With Cleanout	660.28	80.90
		For Work In Restricted Working Space, Add	*48.55*	
22 66 53 00-0185		**Glass Acid Resistant DWV Wyes** *(22 66 53 00-0093)*		
22 66 53 00-0186	EA	1-1/2" Glass Acid Resistant DWV Wye	141.74	36.96
		For Work In Restricted Working Space, Add	*22.18*	
22 66 53 00-0187	EA	2" Glass Acid Resistant DWV Wye	144.72	38.45
		For Work In Restricted Working Space, Add	*23.07*	
22 66 53 00-0188	EA	3" Glass Acid Resistant DWV Wye	197.27	43.94
		For Work In Restricted Working Space, Add	*26.37*	
22 66 53 00-0189	EA	4" Glass Acid Resistant DWV Wye	304.21	58.43
		For Work In Restricted Working Space, Add	*35.05*	
22 66 53 00-0190	EA	6" Glass Acid Resistant DWV Wye	614.45	80.90
		For Work In Restricted Working Space, Add	*48.55*	
22 66 53 00-0191		**Glass Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0093)*		
22 66 53 00-0192	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	143.71	37.96
		For Work In Restricted Working Space, Add	*22.77*	
22 66 53 00-0193	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	174.78	41.45
		For Work In Restricted Working Space, Add	*24.87*	
22 66 53 00-0194	EA	3" x 2" Glass Acid Resistant DWV Reducing Wye	179.63	42.45
		For Work In Restricted Working Space, Add	*25.47*	
22 66 53 00-0195	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	244.75	51.44
		For Work In Restricted Working Space, Add	*30.86*	
22 66 53 00-0196	EA	4" x 2" Glass Acid Resistant DWV Reducing Wye	247.05	51.94
		For Work In Restricted Working Space, Add	*31.16*	
22 66 53 00-0197	EA	4" x 3" Glass Acid Resistant DWV Reducing Wye	268.68	53.44
		For Work In Restricted Working Space, Add	*32.07*	
22 66 53 00-0198	EA	6" x 2" Glass Acid Resistant DWV Reducing Wye	444.36	66.92
		For Work In Restricted Working Space, Add	*40.15*	
22 66 53 00-0199	EA	6" x 3" Glass Acid Resistant DWV Reducing Wye	515.62	68.41
		For Work In Restricted Working Space, Add	*41.05*	
22 66 53 00-0200	EA	6" x 4" Glass Acid Resistant DWV Reducing Wye	560.49	73.41
		For Work In Restricted Working Space, Add	*44.04*	
22 66 53 00-0201		**Glass Acid Resistant DWV Double Wyes** *(22 66 53 00-0093)*		
22 66 53 00-0202	EA	1-1/2" Glass Acid Resistant DWV Double Wye	229.91	48.94
		For Work In Restricted Working Space, Add	*29.36*	
22 66 53 00-0203	EA	2" Glass Acid Resistant DWV Double Wye	234.91	51.44
		For Work In Restricted Working Space, Add	*30.86*	
22 66 53 00-0204	EA	3" Glass Acid Resistant DWV Double Wye	314.62	58.93
		For Work In Restricted Working Space, Add	*35.35*	
22 66 53 00-0205	EA	4" Glass Acid Resistant DWV Double Wye	486.98	77.91
		For Work In Restricted Working Space, Add	*46.73*	
22 66 53 00-0206	EA	6" Glass Acid Resistant DWV Double Wye	812.66	107.87
		For Work In Restricted Working Space, Add	*64.75*	
22 66 53 00-0207		**Glass Acid Resistant DWV Reducing Double Wyes** *(22 66 53 00-0093)*		
22 66 53 00-0208	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	232.88	50.43
		For Work In Restricted Working Space, Add	*30.26*	
22 66 53 00-0209	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	239.89	53.93
		For Work In Restricted Working Space, Add	*32.36*	
22 66 53 00-0210	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Wye	277.76	54.93
		For Work In Restricted Working Space, Add	*32.96*	
22 66 53 00-0211	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	341.82	63.43
		For Work In Restricted Working Space, Add	*38.06*	
22 66 53 00-0212	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Wye	360.97	64.92
		For Work In Restricted Working Space, Add	*38.95*	
22 66 53 00-0213	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Wye	425.05	68.41
		For Work In Restricted Working Space, Add	*41.05*	
22 66 53 00-0214	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Wye	659.02	79.90
		For Work In Restricted Working Space, Add	*47.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0215	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Wye	691.72	83.40
		For Work In Restricted Working Space, Add	*50.04*	
22 66 53 00-0216	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Wye	739.26	92.89
		For Work In Restricted Working Space, Add	*55.73*	
22 66 53 00-0217		**Glass Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0093)*		
22 66 53 00-0218	EA	1-1/2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	159.06	36.96
		For Work In Restricted Working Space, Add	*22.18*	
22 66 53 00-0219	EA	2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	162.77	38.45
		For Work In Restricted Working Space, Add	*23.07*	
22 66 53 00-0220	EA	3" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	207.99	43.94
		For Work In Restricted Working Space, Add	*26.37*	
22 66 53 00-0221	EA	4" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	309.79	58.43
		For Work In Restricted Working Space, Add	*35.05*	
22 66 53 00-0222	EA	6" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	598.81	80.90
		For Work In Restricted Working Space, Add	*48.55*	
22 66 53 00-0223		**Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0093)*		
22 66 53 00-0224	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	161.76	37.96
		For Work In Restricted Working Space, Add	*22.77*	
22 66 53 00-0225	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	177.52	41.45
		For Work In Restricted Working Space, Add	*24.87*	
22 66 53 00-0226	EA	3" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	190.56	42.45
		For Work In Restricted Working Space, Add	*25.47*	
22 66 53 00-0227	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	238.19	51.44
		For Work In Restricted Working Space, Add	*30.86*	
22 66 53 00-0228	EA	4" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	248.48	51.94
		For Work In Restricted Working Space, Add	*31.16*	
22 66 53 00-0229	EA	4" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	270.32	53.44
		For Work In Restricted Working Space, Add	*32.07*	
22 66 53 00-0230	EA	6" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	445.34	66.92
		For Work In Restricted Working Space, Add	*40.15*	
22 66 53 00-0231	EA	6" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	506.10	68.41
		For Work In Restricted Working Space, Add	*41.05*	
22 66 53 00-0232	EA	6" x 4" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	516.74	73.41
		For Work In Restricted Working Space, Add	*44.04*	
22 66 53 00-0233		**Glass Acid Resistant DWV Double Combination Wye And 1/8 Bends** *(22 66 53 00-0093)*		
22 66 53 00-0234	EA	1-1/2" Double Glass Combination Wye And 1/8 Bend	213.50	48.94
		For Work In Restricted Working Space, Add	*29.36*	
22 66 53 00-0235	EA	2" Double Glass Combination Wye And 1/8 Bend	248.69	51.44
		For Work In Restricted Working Space, Add	*30.86*	
22 66 53 00-0236	EA	3" Double Glass Combination Wye And 1/8 Bend	335.40	58.93
		For Work In Restricted Working Space, Add	*35.35*	
22 66 53 00-0237	EA	4" Double Glass Combination Wye And 1/8 Bend	535.33	77.91
		For Work In Restricted Working Space, Add	*46.73*	
22 66 53 00-0238	EA	6" Double Glass Combination Wye And 1/8 Bend	889.83	107.87
		For Work In Restricted Working Space, Add	*64.75*	
22 66 53 00-0239		**Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends** *(22 66 53 00-0093)*		
22 66 53 00-0240	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	218.98	50.43
		For Work In Restricted Working Space, Add	*30.26*	
22 66 53 00-0241	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	278.61	53.93
		For Work In Restricted Working Space, Add	*32.36*	
22 66 53 00-0242	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	274.26	54.93
		For Work In Restricted Working Space, Add	*32.96*	
22 66 53 00-0243	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	368.73	63.43
		For Work In Restricted Working Space, Add	*38.06*	
22 66 53 00-0244	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	365.23	64.92
		For Work In Restricted Working Space, Add	*38.95*	
22 66 53 00-0245	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	409.84	68.41
		For Work In Restricted Working Space, Add	*41.05*	
22 66 53 00-0246	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	588.54	79.90
		For Work In Restricted Working Space, Add	*47.93*	
22 66 53 00-0247	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	627.19	83.40
		For Work In Restricted Working Space, Add	*50.04*	
22 66 53 00-0248	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	731.60	92.89
		For Work In Restricted Working Space, Add	*55.73*	
22 66 53 00-0249		**Glass Acid Resistant DWV Partition Crosses (Compact)** *(22 66 53 00-0093)*		
22 66 53 00-0250	EA	2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact)	240.86	50.43
		For Work In Restricted Working Space, Add	*30.26*	
22 66 53 00-0251	EA	2" Glass Acid Resistant DWV Partition Cross (Compact)	242.89	51.44
		For Work In Restricted Working Space, Add	*30.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0252	EA	2" x 1-1/2" x 1-1/2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact)	260.24	49.94
		For Work In Restricted Working Space, Add	*29.96*	
22 66 53 00-0253		**Glass Acid Resistant DWV Upright Y Or H (Vent Branch)** *(22 66 53 00-0093)*		
22 66 53 00-0254	EA	1-1/2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	237.34	36.96
		For Work In Restricted Working Space, Add	*22.18*	
22 66 53 00-0255	EA	2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	261.65	38.45
		For Work In Restricted Working Space, Add	*23.07*	
22 66 53 00-0256	EA	3" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	301.08	43.94
		For Work In Restricted Working Space, Add	*26.37*	
22 66 53 00-0257	EA	4" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	442.15	58.43
		For Work In Restricted Working Space, Add	*35.05*	
22 66 53 00-0258	EA	6" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	832.01	80.90
		For Work In Restricted Working Space, Add	*48.55*	
22 66 53 00-0259		**Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)** *(22 66 53 00-0093)*		
22 66 53 00-0260	EA	2" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	238.65	37.96
		For Work In Restricted Working Space, Add	*22.77*	
22 66 53 00-0261	EA	3" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	272.57	41.45
		For Work In Restricted Working Space, Add	*24.87*	
22 66 53 00-0262	EA	3" x 2" Reducing Glass Upright Y Or H (Vent Branch)	290.43	42.45
		For Work In Restricted Working Space, Add	*25.47*	
22 66 53 00-0263	EA	4" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	336.63	51.44
		For Work In Restricted Working Space, Add	*30.86*	
22 66 53 00-0264	EA	4" x 2" Reducing Glass Upright Y Or H (Vent Branch)	356.55	51.94
		For Work In Restricted Working Space, Add	*31.16*	
22 66 53 00-0265	EA	4" x 3" Reducing Glass Upright Y Or H (Vent Branch)	391.95	53.44
		For Work In Restricted Working Space, Add	*32.07*	
22 66 53 00-0266	EA	6" x 3" Reducing Glass Upright Y Or H (Vent Branch)	565.60	68.41
		For Work In Restricted Working Space, Add	*41.05*	
22 66 53 00-0267	EA	6" x 4" Reducing Glass Upright Y Or H (Vent Branch)	644.71	73.41
		For Work In Restricted Working Space, Add	*44.04*	
22 66 53 00-0268		**Glass Acid Resistant DWV Reducers Or Increasers** *(22 66 53 00-0093)*		
22 66 53 00-0269	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	84.94	24.97
		For Eccentric Reducers Or Increasers, Add	*2.80*	
		For Work In Restricted Working Space, Add	*14.98*	
22 66 53 00-0270	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	105.89	26.97
		For Eccentric Reducers Or Increasers, Add	*4.16*	
		For Work In Restricted Working Space, Add	*16.18*	
22 66 53 00-0271	EA	3" x 2" Glass Acid Resistant DWV Reducer Or Increaser	113.12	27.46
		For Eccentric Reducers Or Increasers, Add	*4.66*	
		For Work In Restricted Working Space, Add	*16.48*	
22 66 53 00-0272	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	145.19	31.96
		For Eccentric Reducers Or Increasers, Add	*6.50*	
		For Work In Restricted Working Space, Add	*19.18*	
22 66 53 00-0273	EA	4" x 2" Glass Acid Resistant DWV Reducer Or Increaser	151.22	32.46
		For Eccentric Reducers Or Increasers, Add	*6.90*	
		For Work In Restricted Working Space, Add	*19.48*	
22 66 53 00-0274	EA	4" x 3" Glass Acid Resistant DWV Reducer Or Increaser	161.22	33.96
		For Eccentric Reducers Or Increasers, Add	*7.46*	
		For Work In Restricted Working Space, Add	*20.38*	
22 66 53 00-0275	EA	6" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	315.18	39.45
		For Eccentric Reducers Or Increasers, Add	*18.90*	
		For Work In Restricted Working Space, Add	*23.67*	
22 66 53 00-0276	EA	6" x 2" Glass Acid Resistant DWV Reducer Or Increaser	331.15	39.95
		For Eccentric Reducers Or Increasers, Add	*20.10*	
		For Work In Restricted Working Space, Add	*23.97*	
22 66 53 00-0277	EA	6" x 3" Glass Acid Resistant DWV Reducer Or Increaser	351.33	41.45
		For Eccentric Reducers Or Increasers, Add	*21.47*	
		For Work In Restricted Working Space, Add	*24.87*	
22 66 53 00-0278	EA	6" x 4" Glass Acid Resistant DWV Reducer Or Increaser	369.08	46.44
		For Eccentric Reducers Or Increasers, Add	*22.10*	
		For Work In Restricted Working Space, Add	*27.87*	
22 66 53 00-0279		**Glass Acid Resistant DWV Swivel P-Traps** *(22 66 53 00-0093)*		
22 66 53 00-0280	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	197.08	36.96
		For Work In Restricted Working Space, Add	*22.17*	
22 66 53 00-0281	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	210.77	37.96
		For Work In Restricted Working Space, Add	*22.77*	
22 66 53 00-0282	EA	2" Glass Acid Resistant DWV Swivel P-Trap	236.39	38.45
		For Work In Restricted Working Space, Add	*23.07*	
22 66 53 00-0283	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	213.05	36.96
		For Work In Restricted Working Space, Add	*22.17*	
22 66 53 00-0284	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	231.12	37.96
		For Work In Restricted Working Space, Add	*22.77*	
22 66 53 00-0285	EA	2" Glass Acid Resistant DWV Swivel P-Trap	259.36	38.45
		For Work In Restricted Working Space, Add	*23.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0286	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	217.42	36.96
		For Work In Restricted Working Space, Add	*22.17*	
22 66 53 00-0287	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	231.12	37.96
		For Work In Restricted Working Space, Add	*22.77*	
22 66 53 00-0288	EA	2" Glass Acid Resistant DWV Swivel P-Trap	259.36	38.45
		For Work In Restricted Working Space, Add	*23.07*	

22 66 53 00-0289 Glass Acid Resistant DWV Drum P-Traps *(22 66 53 00-0093)*

22 66 53 00-0290	EA	1-1/2" Glass Acid Resistant DWV Drum P-Trap	267.08	36.96
		For Work In Restricted Working Space, Add	*22.17*	
22 66 53 00-0291	EA	2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap	335.14	37.96
		For Work In Restricted Working Space, Add	*22.77*	
22 66 53 00-0292	EA	2" Glass Acid Resistant DWV Drum P-Trap	344.89	38.45
		For Work In Restricted Working Space, Add	*23.07*	
22 66 53 00-0293	EA	1-1/2" Glass Acid Resistant DWV Drum P-Trap	293.66	36.96
		For Work In Restricted Working Space, Add	*22.17*	
22 66 53 00-0294	EA	2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap	311.18	37.96
		For Work In Restricted Working Space, Add	*22.77*	
22 66 53 00-0295	EA	2" Glass Acid Resistant DWV Drum P-Trap	350.03	38.45
		For Work In Restricted Working Space, Add	*23.07*	

22 66 53 00-0296 Glass Acid Resistant DWV Cleanout Plugs *(22 66 53 00-0093)*

22 66 53 00-0297	EA	1-1/2" Glass Acid Resistant DWV Cleanout Plug	41.27	12.49
		For Work In Restricted Working Space, Add	*7.49*	
22 66 53 00-0298	EA	2" Glass Acid Resistant DWV Cleanout Plug	46.53	12.98
		For Work In Restricted Working Space, Add	*7.79*	
22 66 53 00-0299	EA	3" Glass Acid Resistant DWV Cleanout Plug	58.39	14.48
		For Work In Restricted Working Space, Add	*8.69*	
22 66 53 00-0300	EA	4" Glass Acid Resistant DWV Cleanout Plug	91.89	19.47
		For Work In Restricted Working Space, Add	*11.69*	
22 66 53 00-0301	EA	6" Glass Acid Resistant DWV Cleanout Plug	131.26	26.97
		For Work In Restricted Working Space, Add	*16.18*	

22 66 53 00-0302 Glass Acid Resistant DWV Sink Fittings *(22 66 53 00-0093)*

22 66 53 00-0303	EA	1-1/2" Glass Acid Resistant DWV Interceptor Trap	565.06	48.94
		For Work In Restricted Working Space, Add	*29.36*	
22 66 53 00-0304	EA	1-1/2" x 6-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly	55.27	12.49
		For Work In Restricted Working Space, Add	*7.49*	
22 66 53 00-0305	EA	1-1/2" x 10-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly	61.07	12.49
		For Work In Restricted Working Space, Add	*7.49*	
22 66 53 00-0306	EA	1-1/2" Split Coupling (Threaded To Beaded Pipe) For Glass Acid Resistant DWV Pipe And Fittings	85.82	24.97
		For Work In Restricted Working Space, Add	*14.98*	
22 66 53 00-0307	EA	3" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	171.72	25.97
		For Work In Restricted Working Space, Add	*15.58*	
22 66 53 00-0308	EA	6" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	173.90	25.97
		For Work In Restricted Working Space, Add	*15.58*	
22 66 53 00-0309	EA	3" x 9" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	195.78	25.97
		For Work In Restricted Working Space, Add	*15.58*	
22 66 53 00-0310	EA	3" x 6" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	159.90	25.97
		For Work In Restricted Working Space, Add	*15.58*	

22 66 53 00-0311 Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapters *(22 66 53 00-0093)*

Note: Includes teflon spacer.

22 66 53 00-0312	EA	1-1/2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	154.86	36.86
		For Work In Restricted Working Space, Add	*22.11*	
22 66 53 00-0313	EA	2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	161.63	38.65
		For Work In Restricted Working Space, Add	*23.19*	
22 66 53 00-0314	EA	3" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	222.65	44.04
		For Work In Restricted Working Space, Add	*26.43*	
22 66 53 00-0315	EA	4" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	317.23	58.53
		For Work In Restricted Working Space, Add	*35.09*	

22 66 53 00-0316 Bead To Bead Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings *(22 66 53 00-0093)*

Note: Includes segmented stainless steel outer band, Buna-N rubber compression liner with TFE seal ring, stainless steel bolt and silver plated stainless hex nut.

22 66 53 00-0317	EA	1-1/2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	27.46
22 66 53 00-0318	EA	2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	34.64
22 66 53 00-0319	EA	3" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	46.31
22 66 53 00-0320	EA	4" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	78.03
22 66 53 00-0321	EA	6" Bead To Bead, Stainless Steel, TFE Seal Ring Couplings, Glass Piping	181.76

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0322		**Bead To Plain End Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings** *(22 66 53 00-0093)* Note: Includes stainless steel band with bolt, Buna-N rubber compression liner with TFE seal ring and silver plated stainless hex nut.		
22 66 53 00-0323	EA	1-1/2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	35.40	
22 66 53 00-0324	EA	2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	44.30	
22 66 53 00-0325	EA	3" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	75.22	
22 66 53 00-0326	EA	4" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	112.12	
22 66 53 00-0327	EA	6" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	273.38	
22 66 53 00-0328		**Bell And Spigot High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings** *(22 66 53)* Note: Acid resistant. ASTM A518.		
22 66 53 00-0329		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe** *(22 66 53 00-0328)*		
22 66 53 00-0330	LF	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	150.56	8.89
22 66 53 00-0331	LF	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	213.18	11.09
22 66 53 00-0332	LF	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	292.16	12.78
22 66 53 00-0333	LF	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	483.07	18.43
22 66 53 00-0334	LF	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	858.79	24.59
22 66 53 00-0335	LF	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	1,529.52	31.02
22 66 53 00-0336	LF	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	2,738.88	41.78
22 66 53 00-0337	LF	15" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	4,901.03	47.90
22 66 53 00-0338		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Fittings** *(22 66 53 00-0328)*		
22 66 53 00-0339		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweeps** *(22 66 53 00-0338)*		
22 66 53 00-0340	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	565.24	75.71
22 66 53 00-0341	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	753.13	83.30
22 66 53 00-0342	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,255.50	99.68
22 66 53 00-0343	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,901.26	121.76
22 66 53 00-0344	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	4,436.23	197.63
22 66 53 00-0345		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0346	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	300.43	75.71
22 66 53 00-0347	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	405.24	83.30
22 66 53 00-0348	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	512.99	99.68
22 66 53 00-0349	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	1,491.06	121.76
22 66 53 00-0350	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	3,448.11	197.63
22 66 53 00-0351	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	5,283.07	246.23
22 66 53 00-0352	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	7,814.71	296.11
22 66 53 00-0353		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0354	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	300.43	75.71
22 66 53 00-0355	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	405.24	83.30
22 66 53 00-0356	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	512.99	99.68
22 66 53 00-0357	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	1,065.28	121.76
22 66 53 00-0358	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	2,897.72	197.63
22 66 53 00-0359	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	4,271.33	246.23
22 66 53 00-0360	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	6,101.99	296.11
22 66 53 00-0361		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0362	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	300.43	75.71
22 66 53 00-0363	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	405.24	83.30
22 66 53 00-0364	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	512.75	99.58
22 66 53 00-0365		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweeps** *(22 66 53 00-0338)*		
22 66 53 00-0366	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	435.43	75.71
22 66 53 00-0367	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	815.44	83.30
22 66 53 00-0368	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	907.61	99.68
22 66 53 00-0369		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tees** *(22 66 53 00-0338)*		
22 66 53 00-0370	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	419.10	113.27
22 66 53 00-0371	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	541.32	125.55
22 66 53 00-0372	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	775.19	149.92
22 66 53 00-0373	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	1,364.76	182.98
22 66 53 00-0374	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	4,396.29	296.71
22 66 53 00-0375	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	6,285.08	370.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0376		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tees** *(22 66 53 00-0338)*		
22 66 53 00-0377	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	391.27	108.57
22 66 53 00-0378	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	465.56	116.56
22 66 53 00-0379	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	528.77	120.65
22 66 53 00-0380	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	609.96	133.24
22 66 53 00-0381	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	657.86	137.43
22 66 53 00-0382	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	731.35	141.53
22 66 53 00-0383	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	939.25	158.34
22 66 53 00-0384	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	1,053.55	162.42
22 66 53 00-0385	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	1,189.35	169.89
22 66 53 00-0386		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tees** *(22 66 53 00-0338)*		
22 66 53 00-0387	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	491.74	113.27
22 66 53 00-0388	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	603.14	125.25
22 66 53 00-0389	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	842.65	149.92
22 66 53 00-0390		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tees** *(22 66 53 00-0338)*		
22 66 53 00-0391	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	463.93	108.57
22 66 53 00-0392	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	591.93	121.26
22 66 53 00-0393	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	720.76	137.84
22 66 53 00-0394	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	778.71	141.93
22 66 53 00-0395		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 66 53 00-0338)*		
22 66 53 00-0396	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	414.11	113.47
22 66 53 00-0397	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	598.44	125.55
22 66 53 00-0398	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	775.01	149.82
22 66 53 00-0399	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	1,374.08	182.31
22 66 53 00-0400	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	5,569.32	296.41
22 66 53 00-0401		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0338)*		
22 66 53 00-0402	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	432.77	108.57
22 66 53 00-0403	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	465.51	116.56
22 66 53 00-0404	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	493.48	121.35
22 66 53 00-0405	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	552.84	133.24
22 66 53 00-0406	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	575.02	137.64
22 66 53 00-0407	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	711.21	141.93
22 66 53 00-0408	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	995.79	158.53
22 66 53 00-0409	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,204.13	162.42
22 66 53 00-0410	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,256.86	169.89
22 66 53 00-0411	EA	8" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	3,219.56	239.12
22 66 53 00-0412	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	3,485.82	247.02
22 66 53 00-0413	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	4,299.13	259.67
22 66 53 00-0414		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0415	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	512.45	113.27
22 66 53 00-0416	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	618.72	125.25
22 66 53 00-0417	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	946.49	149.92
22 66 53 00-0418	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	1,509.43	182.50
22 66 53 00-0419		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0420	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	412.01	108.57
22 66 53 00-0421	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	486.28	116.56
22 66 53 00-0422	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	545.20	121.26
22 66 53 00-0423	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	589.19	133.24
22 66 53 00-0424	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	694.80	137.84
22 66 53 00-0425	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	799.43	141.83
22 66 53 00-0426	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	1,063.23	158.53
22 66 53 00-0427	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	1,354.77	162.52
22 66 53 00-0428	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	1,490.92	170.18
22 66 53 00-0429		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducers** *(22 66 53 00-0338)*		
22 66 53 00-0430	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	252.29	71.32
22 66 53 00-0431	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	279.02	75.31
22 66 53 00-0432	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	316.17	79.30
22 66 53 00-0433	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	542.04	87.90
22 66 53 00-0434	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	568.81	91.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0435	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	619.67	101.58
22 66 53 00-0436	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	823.40	109.35
22 66 53 00-0437	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	1,203.57	148.26
22 66 53 00-0438	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	1,279.53	160.80
22 66 53 00-0439		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increasers *(22 66 53 00-0338)*		
22 66 53 00-0440	EA	2" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	696.25	166.50
22 66 53 00-0441	EA	2" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	966.25	166.50
22 66 53 00-0442	EA	3" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	990.48	166.50
22 66 53 00-0443	EA	4" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	1,092.48	226.55
22 66 53 00-0444		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Traps *(22 66 53 00-0338)*		
22 66 53 00-0445	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	871.59	75.71
22 66 53 00-0446	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	1,059.48	83.30
22 66 53 00-0447	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	1,291.85	99.68
22 66 53 00-0448	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	3,967.84	121.76
22 66 53 00-0449		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hubs *(22 66 53 00-0338)*		
22 66 53 00-0450	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	399.08	75.71
22 66 53 00-0451	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	514.28	83.30
22 66 53 00-0452	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	720.68	99.68
22 66 53 00-0453	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	939.80	121.76
22 66 53 00-0454	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	1,885.16	169.89
22 66 53 00-0455		Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings *(22 66 53 00-0328)*		
		Note: Labor costs for installation of lead and oakum are included in the installation costs for fittings.		
22 66 53 00-0456	LB	Lead (1 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	7.19	
22 66 53 00-0457	LB	Seal-Tite Packing (1/8 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	95.20	
22 66 53 00-0458		Mechanical Joint High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*		
		Note: ASTM A518.		
22 66 53 00-0459		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe *(22 66 53 00-0458)*		
22 66 53 00-0460	LF	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	119.81	6.69
22 66 53 00-0461	LF	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	136.50	7.39
22 66 53 00-0462	LF	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	189.06	9.29
22 66 53 00-0463	LF	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	239.38	10.78
22 66 53 00-0464		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Fittings *(22 66 53 00-0458)*		
22 66 53 00-0465		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweeps *(22 66 53 00-0464)*		
22 66 53 00-0466	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	417.05	53.03
22 66 53 00-0467	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	448.17	59.93
22 66 53 00-0468	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	628.71	66.12
22 66 53 00-0469	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	758.53	79.90
22 66 53 00-0470		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends *(22 66 53 00-0464)*		
22 66 53 00-0471	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	214.54	53.03
22 66 53 00-0472	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	260.31	59.32
22 66 53 00-0473	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	343.47	66.32
22 66 53 00-0474	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	456.47	79.30
22 66 53 00-0475	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	255.37	56.03
22 66 53 00-0476		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends *(22 66 53 00-0464)*		
22 66 53 00-0477	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	214.54	53.03
22 66 53 00-0478	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	260.31	59.32
22 66 53 00-0479	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	343.47	66.32
22 66 53 00-0480	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	456.47	79.30
22 66 53 00-0481		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bends *(22 66 53 00-0464)*		
22 66 53 00-0482	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	261.27	53.03
22 66 53 00-0483	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	333.00	59.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0484	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	535.59	66.32
22 66 53 00-0485	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	596.66	79.30
22 66 53 00-0486		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0487	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	250.89	53.03
22 66 53 00-0488	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	301.85	59.32
22 66 53 00-0489	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	488.86	66.32
22 66 53 00-0490	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	549.93	79.30
22 66 53 00-0491		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0492	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bend	379.27	79.80
22 66 53 00-0493		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tees** *(22 66 53 00-0464)*		
22 66 53 00-0494	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	296.19	79.80
22 66 53 00-0495	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	373.61	89.89
22 66 53 00-0496	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	508.47	100.18
22 66 53 00-0497	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	797.68	119.96
22 66 53 00-0498		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tees** *(22 66 53 00-0464)*		
22 66 53 00-0499	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	347.78	86.50
22 66 53 00-0500	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	435.78	93.29
22 66 53 00-0501	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Sanitary Reducing Tee	466.68	96.58
22 66 53 00-0502	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	497.24	106.57
22 66 53 00-0503	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	553.73	109.57
22 66 53 00-0504	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	605.44	112.86
22 66 53 00-0505		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 66 53 00-0464)*		
22 66 53 00-0506	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	296.59	80.11
22 66 53 00-0507	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	352.84	89.89
22 66 53 00-0508	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	487.70	100.18
22 66 53 00-0509	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	797.68	119.96
22 66 53 00-0510		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0464)*		
22 66 53 00-0511	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	332.86	86.99
22 66 53 00-0512	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	420.17	93.19
22 66 53 00-0513	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	441.16	96.89
22 66 53 00-0514	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	497.71	106.88
22 66 53 00-0515	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	554.64	110.17
22 66 53 00-0516	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	590.29	113.16
22 66 53 00-0517		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wyes** *(22 66 53 00-0464)*		
22 66 53 00-0518	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	455.90	106.67
22 66 53 00-0519	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	595.32	120.06
22 66 53 00-0520	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	780.67	132.84
22 66 53 00-0521	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	1,028.70	159.71
22 66 53 00-0522	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	506.92	112.96
22 66 53 00-0523	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	574.00	119.66
22 66 53 00-0524	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	698.21	126.25
22 66 53 00-0525	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	770.37	139.83
22 66 53 00-0526	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	947.15	146.92
22 66 53 00-0527		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Crosses** *(22 66 53 00-0464)*		
22 66 53 00-0528	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	518.15	106.67
22 66 53 00-0529	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	615.85	119.86
22 66 53 00-0530	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	916.80	133.53
22 66 53 00-0531	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	1,304.14	159.91
22 66 53 00-0532	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	558.78	112.96
22 66 53 00-0533	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	755.70	119.66
22 66 53 00-0534	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	796.79	126.25
22 66 53 00-0535	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	848.20	139.73
22 66 53 00-0536	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	1,107.33	146.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0537		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0538	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	337.33	79.50
22 66 53 00-0539	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	394.38	89.89
22 66 53 00-0540	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	487.70	100.18
22 66 53 00-0541	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	854.79	119.96
22 66 53 00-0542		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0543	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	373.82	86.60
22 66 53 00-0544	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	420.57	93.49
22 66 53 00-0545	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	461.93	96.89
22 66 53 00-0546	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	648.29	106.88
22 66 53 00-0547	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	663.68	110.17
22 66 53 00-0548	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	751.25	113.16
22 66 53 00-0549		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0550	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	554.27	106.47
22 66 53 00-0551	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	709.23	119.76
22 66 53 00-0552	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	1,056.28	133.14
22 66 53 00-0553	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	1,268.31	160.20
22 66 53 00-0554		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0555	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	605.51	112.96
22 66 53 00-0556	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	740.09	119.55
22 66 53 00-0557	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	770.83	126.25
22 66 53 00-0558	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	858.58	139.73
22 66 53 00-0559	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	1,107.33	146.32
22 66 53 00-0560		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducers-Increasers** *(22 66 53 00-0464)*		
22 66 53 00-0561	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	256.20	56.63
22 66 53 00-0562	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	292.34	59.93
22 66 53 00-0563	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	343.67	69.92
22 66 53 00-0564	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	421.51	66.42
22 66 53 00-0565	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	447.26	69.71
22 66 53 00-0566	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	473.01	73.01
22 66 53 00-0567		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tees** *(22 66 53 00-0464)*		
22 66 53 00-0568	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	241.26	46.64
22 66 53 00-0569	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	281.58	52.73
22 66 53 00-0570	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	333.53	59.73
22 66 53 00-0571	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	638.68	72.71
22 66 53 00-0572		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plugs** *(22 66 53 00-0464)*		
22 66 53 00-0573	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	102.08	26.57
22 66 53 00-0574	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	122.37	29.66
22 66 53 00-0575	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	132.80	33.16
22 66 53 00-0576	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	173.71	39.65
22 66 53 00-0577		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Traps** *(22 66 53 00-0464)*		
22 66 53 00-0578	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	468.51	52.73
22 66 53 00-0579	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	478.39	59.32
22 66 53 00-0580	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	597.90	66.32
22 66 53 00-0581	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	768.01	79.30
22 66 53 00-0582	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	666.53	56.73
22 66 53 00-0583	EA	2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	930.96	63.32
22 66 53 00-0584	EA	3" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	1,132.89	69.92
22 66 53 00-0585	EA	4" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	1,412.55	83.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0586		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum Traps** *(22 66 53 00-0464)*		
22 66 53 00-0587	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	905.47	60.23
22 66 53 00-0588	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	1,455.10	66.62
22 66 53 00-0589	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	946.64	59.93
22 66 53 00-0590	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	1,455.10	66.62
22 66 53 00-0591		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Traps** *(22 66 53 00-0464)*		
22 66 53 00-0592	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	837.60	59.93
22 66 53 00-0593	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	987.78	66.62
22 66 53 00-0594	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long P-Trap	977.79	59.93
22 66 53 00-0595	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	2,208.00	66.62
22 66 53 00-0596	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	1,288.94	66.62
22 66 53 00-0597		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bends** *(22 66 53 00-0464)*		
22 66 53 00-0598	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	323.94	53.34
22 66 53 00-0599	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	432.59	59.93
22 66 53 00-0600		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapters** *(22 66 53 00-0464)*		
22 66 53 00-0601	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	153.39	39.95
22 66 53 00-0602	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	308.96	43.35
22 66 53 00-0603	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	209.91	49.94
22 66 53 00-0604		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter** *(22 66 53 00-0464)*		
22 66 53 00-0605	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	303.34	56.83
22 66 53 00-0606	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	333.88	59.93
22 66 53 00-0607	EA	1-1/2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	375.23	63.22
22 66 53 00-0608	EA	1-1/2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	400.53	69.71
22 66 53 00-0609	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	375.27	63.32
22 66 53 00-0610	EA	2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	395.80	66.62
22 66 53 00-0611	EA	2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	426.28	73.01
22 66 53 00-0612	EA	3" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	494.30	69.92
22 66 53 00-0613	EA	4" x 4" Mechanical Joint High Silicon Iron Alloy Hub To Mechanical Joint Adapter	612.94	83.30
22 66 53 00-0614		**Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings** *(22 66 53 00-0464)*		
22 66 53 00-0615	EA	1-1/2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	124.62	
22 66 53 00-0616	EA	2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	145.39	
22 66 53 00-0617	EA	3" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	155.77	
22 66 53 00-0618	EA	4" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	171.35	
22 66 53 00-0619		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Fittings** *(22 66 53 00-0464)*		
22 66 53 00-0620	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Outlet	896.70	26.67
22 66 53 00-0621	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Stopper	336.72	13.28
22 66 53 00-0622	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Overflow	637.88	13.28
22 66 53 00-0623		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drains With Stainless Steel Strainer Plates** *(22 66 53 00-0464)*		
22 66 53 00-0624	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain With Stainless Steel Strainer	3,180.21	133.24
22 66 53 00-0625	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sediment Basin Floor Drain With Stainless Steel Strainer	3,948.28	139.93
22 66 53 00-0626	EA	Stainless Steel Funnel Attachment For Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain	2,730.41	13.28
22 66 83		**Chemical-Waste Tanks** *(22 66)*		
22 66 83 16		**Chemical-Waste Neutralization Tanks** *(22 66 83)*		
22 66 83 16-0001		**Acid Neutralization Tank** *(22 66 83 16)*		
22 66 83 16-0002		**Polyethylene Acid Neutralization Tank** *(22 66 83 16-0001)*		
22 66 83 16-0003	EA	5 Gallon Capacity Polyethylene Acid Neutralization Tank	556.40	203.36
22 66 83 16-0004	EA	15 Gallon Capacity Polyethylene Acid Neutralization Tank	1,033.29	281.98
22 66 83 16-0005	EA	30 Gallon Capacity Polyethylene Acid Neutralization Tank	1,269.68	406.71
22 66 83 16-0006	EA	55 Gallon Capacity Polyethylene Acid Neutralization Tank	1,624.51	542.28
22 66 83 16-0007	EA	100 Gallon Capacity Polyethylene Acid Neutralization Tank	2,098.98	650.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 83 16-0008	EA	150 Gallon Capacity Polyethylene Acid Neutralization Tank	2,893.52	813.42
22 66 83 16-0009	EA	200 Gallon Capacity Polyethylene Acid Neutralization Tank	3,316.80	1,016.77
22 66 83 16-0010	EA	275 Gallon Capacity Polyethylene Acid Neutralization Tank	4,336.71	1,220.12
22 66 83 16-0011	EA	350 Gallon Capacity Polyethylene Acid Neutralization Tank	4,899.79	1,464.15
22 66 83 16-0012		Polypropylene Acid Neutralization Tank *(22 66 83 16-0001)*		
22 66 83 16-0013	EA	5 Gallon Capacity Polypropylene Acid Neutralization Tank	955.75	203.36
22 66 83 16-0014	EA	15 Gallon Capacity Polypropylene Acid Neutralization Tank	1,665.59	281.98
22 66 83 16-0015	EA	30 Gallon Capacity Polypropylene Acid Neutralization Tank	2,511.06	406.71
22 66 83 16-0016	EA	55 Gallon Capacity Polypropylene Acid Neutralization Tank	3,308.61	542.28
22 66 83 16-0017	EA	100 Gallon Capacity Polypropylene Acid Neutralization Tank	4,191.99	650.73
22 66 83 16-0018	EA	150 Gallon Capacity Polypropylene Acid Neutralization Tank	5,047.15	813.42
22 66 83 16-0019	EA	200 Gallon Capacity Polypropylene Acid Neutralization Tank	5,460.93	1,016.77
22 66 83 16-0020	EA	275 Gallon Capacity Polypropylene Acid Neutralization Tank	8,080.63	1,220.12
22 66 83 16-0021	EA	350 Gallon Capacity Polypropylene Acid Neutralization Tank	8,693.62	1,464.15
22 66 83 16-0022		Chemical Dilution Trap *(22 66 83 16)*		
22 66 83 16-0023	EA	1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	492.02	67.79
22 66 83 16-0024	EA	1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	508.24	67.79
22 66 83 16-0025	EA	2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	524.46	67.79
22 66 83 16-0026	EA	5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	573.06	81.34

22 67 Processed Water Systems for Laboratory and Healthcare Facilities *(22 60)*

22 67 13 Processed Water Piping for Laboratory and Healthcare Facilities *(22 67)*

22 67 13 53 Laboratory Water Piping *(22 67 13)*

22 67 13 53-0001		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe And Fittings *(22 67 13 53)*		
22 67 13 53-0002		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe *(22 67 13 53-0001)*		
22 67 13 53-0003	LF	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	8.09	2.89
		For Work In Restricted Working Space, Add	*1.28*	
22 67 13 53-0004	LF	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	10.17	3.60
		For Work In Restricted Working Space, Add	*1.61*	
22 67 13 53-0005	LF	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	12.66	3.80
		For Work In Restricted Working Space, Add	*1.71*	
22 67 13 53-0006	LF	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	19.07	4.19
		For Work In Restricted Working Space, Add	*1.87*	
22 67 13 53-0007	LF	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	25.29	4.99
		For Work In Restricted Working Space, Add	*2.24*	
22 67 13 53-0008		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbows *(22 67 13 53-0001)*		
22 67 13 53-0009	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	30.50	10.68
		For Work In Restricted Working Space, Add	*4.83*	
22 67 13 53-0010	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	38.20	14.28
		For Work In Restricted Working Space, Add	*6.44*	
22 67 13 53-0011	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	46.08	17.78
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0012	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	73.22	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0013	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	90.93	36.05
		For Work In Restricted Working Space, Add	*16.20*	
22 67 13 53-0014		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbows *(22 67 13 53-0001)*		
22 67 13 53-0015	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	30.50	10.78
		For Work In Restricted Working Space, Add	*4.83*	
22 67 13 53-0016	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	38.20	14.28
		For Work In Restricted Working Space, Add	*6.44*	
22 67 13 53-0017	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	46.08	17.78
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0018	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	73.57	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0019	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	90.93	36.05
		For Work In Restricted Working Space, Add	*16.20*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0020		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tees** *(22 67 13 53-0001)*		
22 67 13 53-0021	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	43.36	17.78
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0022	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	51.66	21.48
		For Work In Restricted Working Space, Add	*9.67*	
22 67 13 53-0023	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	64.86	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0024	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	105.26	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 67 13 53-0025	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	135.12	53.34
		For Work In Restricted Working Space, Add	*23.97*	
22 67 13 53-0026		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tees** *(22 67 13 53-0001)*		
22 67 13 53-0027	EA	3/4" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	85.95	19.98
		For Work In Restricted Working Space, Add	*8.99*	
22 67 13 53-0028	EA	1" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	101.05	23.27
		For Work In Restricted Working Space, Add	*10.49*	
22 67 13 53-0029	EA	1" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	106.78	25.27
		For Work In Restricted Working Space, Add	*11.39*	
22 67 13 53-0030	EA	1-1/2" x 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	136.77	35.96
		For Work In Restricted Working Space, Add	*16.18*	
22 67 13 53-0031	EA	2" x 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	167.97	47.94
		For Work In Restricted Working Space, Add	*21.58*	
22 67 13 53-0032		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Inserts** *(22 67 13 53-0001)*		
22 67 13 53-0033	EA	3/4" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	40.16	12.69
		For Work In Restricted Working Space, Add	*5.69*	
22 67 13 53-0034	EA	1" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	47.63	14.68
		For Work In Restricted Working Space, Add	*6.59*	
22 67 13 53-0035	EA	1" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	54.13	16.68
		For Work In Restricted Working Space, Add	*7.49*	
22 67 13 53-0036	EA	1-1/2" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	71.96	19.98
		For Work In Restricted Working Space, Add	*8.99*	
22 67 13 53-0037	EA	1-1/2" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	76.90	21.97
		For Work In Restricted Working Space, Add	*9.89*	
22 67 13 53-0038	EA	1-1/2" x 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	80.07	23.27
		For Work In Restricted Working Space, Add	*10.49*	
22 67 13 53-0039	EA	2" x 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	118.93	32.67
		For Work In Restricted Working Space, Add	*14.68*	
22 67 13 53-0040		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapters** *(22 67 13 53-0001)*		
22 67 13 53-0041	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	34.58	10.78
		For Work In Restricted Working Space, Add	*4.83*	
22 67 13 53-0042	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	43.84	14.28
		For Work In Restricted Working Space, Add	*6.44*	
22 67 13 53-0043	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	52.30	17.78
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0044	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	77.50	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0045	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	101.38	35.96
		For Work In Restricted Working Space, Add	*16.18*	
22 67 13 53-0046		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapters** *(22 67 13 53-0001)*		
22 67 13 53-0047	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	34.58	10.78
		For Work In Restricted Working Space, Add	*4.83*	
22 67 13 53-0048	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	43.84	14.28
		For Work In Restricted Working Space, Add	*6.44*	
22 67 13 53-0049	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	52.30	17.78
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0050	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	77.50	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0051	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	100.65	36.05
		For Work In Restricted Working Space, Add	*16.20*	
22 67 13 53-0052		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Couplings** *(22 67 13 53-0001)*		
22 67 13 53-0053	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	25.05	10.78
		For Work In Restricted Working Space, Add	*4.83*	
22 67 13 53-0054	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	33.73	14.28
		For Work In Restricted Working Space, Add	*6.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0055	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	42.58	17.78
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0056	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	67.00	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0057	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	88.21	36.05
		For Work In Restricted Working Space, Add	*16.20*	
22 67 13 53-0058		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Unions** *(22 67 13 53-0001)*		
22 67 13 53-0059	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	87.88	17.78
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0060	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	97.35	21.48
		For Work In Restricted Working Space, Add	*9.67*	
22 67 13 53-0061	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	115.22	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0062	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	196.25	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 67 13 53-0063	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	268.88	53.34
		For Work In Restricted Working Space, Add	*23.97*	
22 67 13 53-0064		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Caps** *(22 67 13 53-0001)*		
22 67 13 53-0065	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	28.78	10.94
		For Work In Restricted Working Space, Add	*4.90*	
22 67 13 53-0066	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	35.87	14.28
		For Work In Restricted Working Space, Add	*6.44*	
22 67 13 53-0067	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	42.58	17.78
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0068	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	67.39	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0069	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	88.21	36.05
		For Work In Restricted Working Space, Add	*16.20*	
22 67 13 53-0070		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flanges** *(22 67 13 53-0001)*		
22 67 13 53-0071	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange	49.97	17.98
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0072	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange	58.47	21.28
		For Work In Restricted Working Space, Add	*9.67*	
22 67 13 53-0073	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange	73.14	28.66
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0074	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange	110.70	43.35
		For Work In Restricted Working Space, Add	*19.33*	
22 67 13 53-0075	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange	133.56	53.34
		For Work In Restricted Working Space, Add	*23.97*	
22 67 13 53-0076		**Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe And Fittings** *(22 67 13 53)*		
22 67 13 53-0077		**Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe** *(22 67 13 53-0076)*		
22 67 13 53-0078	LF	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	12.17	2.89
		For Work In Restricted Working Space, Add	*1.28*	
22 67 13 53-0079	LF	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	15.53	3.60
		For Work In Restricted Working Space, Add	*1.61*	
22 67 13 53-0080	LF	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	20.01	3.80
		For Work In Restricted Working Space, Add	*1.71*	
22 67 13 53-0081	LF	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	25.17	4.19
		For Work In Restricted Working Space, Add	*1.87*	
22 67 13 53-0082	LF	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	34.33	4.99
		For Work In Restricted Working Space, Add	*2.24*	
22 67 13 53-0083		**Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbows** *(22 67 13 53-0076)*		
22 67 13 53-0084	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	42.41	10.68
		For Work In Restricted Working Space, Add	*4.83*	
22 67 13 53-0085	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	54.51	14.28
		For Work In Restricted Working Space, Add	*6.44*	
22 67 13 53-0086	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	67.92	17.78
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0087	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	98.46	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0088	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	129.83	36.05
		For Work In Restricted Working Space, Add	*16.20*	
22 67 13 53-0089		**Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbows** *(22 67 13 53-0076)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0090	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	42.10	10.78
		For Work In Restricted Working Space, Add	*4.83*	
22 67 13 53-0091	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	54.66	14.28
		For Work In Restricted Working Space, Add	*6.44*	
22 67 13 53-0092	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	68.08	17.78
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0093	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	100.60	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0094	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	129.83	36.05
		For Work In Restricted Working Space, Add	*16.20*	

22 67 13 53-0095 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tees *(22 67 13 53-0076)*

22 67 13 53-0096	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	57.98	17.78
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0097	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	69.22	21.48
		For Work In Restricted Working Space, Add	*9.67*	
22 67 13 53-0098	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	86.08	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0099	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	129.87	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 67 13 53-0100	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	166.75	53.34
		For Work In Restricted Working Space, Add	*23.97*	

22 67 13 53-0101 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tees *(22 67 13 53-0076)*

22 67 13 53-0102	EA	3/4" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	68.49	19.98
		For Work In Restricted Working Space, Add	*8.99*	
22 67 13 53-0103	EA	1" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	84.49	23.27
		For Work In Restricted Working Space, Add	*10.49*	
22 67 13 53-0104	EA	1" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	87.49	25.27
		For Work In Restricted Working Space, Add	*11.39*	
22 67 13 53-0105	EA	1-1/2" x 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	125.19	35.96
		For Work In Restricted Working Space, Add	*16.18*	
22 67 13 53-0106	EA	2" x 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	161.37	47.94
		For Work In Restricted Working Space, Add	*21.58*	

22 67 13 53-0107 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Inserts *(22 67 13 53-0076)*

22 67 13 53-0108	EA	3/4" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	48.79	12.69
		For Work In Restricted Working Space, Add	*5.69*	
22 67 13 53-0109	EA	1" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	55.30	14.68
		For Work In Restricted Working Space, Add	*6.59*	
22 67 13 53-0110	EA	1" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	58.30	16.68
		For Work In Restricted Working Space, Add	*7.49*	
22 67 13 53-0111	EA	1-1/2" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	76.14	19.98
		For Work In Restricted Working Space, Add	*8.99*	
22 67 13 53-0112	EA	1-1/2" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	79.14	21.97
		For Work In Restricted Working Space, Add	*9.89*	
22 67 13 53-0113	EA	1-1/2" x 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	81.14	23.27
		For Work In Restricted Working Space, Add	*10.49*	
22 67 13 53-0114	EA	2" x 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	113.16	32.67
		For Work In Restricted Working Space, Add	*14.68*	

22 67 13 53-0115 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapters *(22 67 13 53-0076)*

22 67 13 53-0116	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	42.41	10.78
		For Work In Restricted Working Space, Add	*4.83*	
22 67 13 53-0117	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	53.59	14.28
		For Work In Restricted Working Space, Add	*6.44*	
22 67 13 53-0118	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	63.18	17.78
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0119	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	86.84	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0120	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	123.05	35.96
		For Work In Restricted Working Space, Add	*16.18*	

22 67 13 53-0121 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapters *(22 67 13 53-0076)*

22 67 13 53-0122	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	42.41	10.78
		For Work In Restricted Working Space, Add	*4.83*	
22 67 13 53-0123	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	53.59	14.28
		For Work In Restricted Working Space, Add	*6.44*	
22 67 13 53-0124	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	63.18	17.78
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0125	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	86.84	28.36
		For Work In Restricted Working Space, Add	*12.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0126	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	123.10	36.05
		For Work In Restricted Working Space, Add	*16.20*	

22 67 13 53-0127 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Couplings *(22 67 13 53-0076)*

22 67 13 53-0128	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	39.81	10.78
		For Work In Restricted Working Space, Add	*4.83*	
22 67 13 53-0129	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	50.53	14.28
		For Work In Restricted Working Space, Add	*6.44*	
22 67 13 53-0130	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	59.82	17.78
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0131	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	86.23	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0132	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	111.17	36.05
		For Work In Restricted Working Space, Add	*16.20*	

22 67 13 53-0133 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Unions *(22 67 13 53-0076)*

22 67 13 53-0134	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	132.14	
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0135	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	153.01	21.48
		For Work In Restricted Working Space, Add	*9.67*	
22 67 13 53-0136	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	185.31	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0137	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	304.48	42.95
		For Work In Restricted Working Space, Add	*19.33*	
22 67 13 53-0138	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	396.40	53.34
		For Work In Restricted Working Space, Add	*23.97*	

22 67 13 53-0139 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Caps *(22 67 13 53-0076)*

22 67 13 53-0140	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	40.04	10.94
		For Work In Restricted Working Space, Add	*4.90*	
22 67 13 53-0141	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	50.53	14.28
		For Work In Restricted Working Space, Add	*6.44*	
22 67 13 53-0142	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	59.67	17.78
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0143	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	86.53	28.36
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0144	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	111.17	36.05
		For Work In Restricted Working Space, Add	*16.20*	

22 67 13 53-0145 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flanges *(22 67 13 53-0076)*

22 67 13 53-0146	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	77.40	17.98
		For Work In Restricted Working Space, Add	*7.99*	
22 67 13 53-0147	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	89.10	21.28
		For Work In Restricted Working Space, Add	*9.67*	
22 67 13 53-0148	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	107.63	28.66
		For Work In Restricted Working Space, Add	*12.75*	
22 67 13 53-0149	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	154.95	43.35
		For Work In Restricted Working Space, Add	*19.33*	
22 67 13 53-0150	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	193.05	53.34
		For Work In Restricted Working Space, Add	*23.97*	

END OF SECTION 22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 Heating, Ventilating, and Air-Conditioning (HVAC)

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise. HVAC equipment shall conform to California Title 24.

23 01 Operation and Maintenance of HVAC Systems *(23)*

23 01 10 Operation and Maintenance of Facility Fuel Systems *(23 01)*

23 01 10 91 Facility Fuel Systems Restoration *(23 01 10)*

23 01 10 91-0001 Professional Certification For Hospital *(23 01 10 91)*

23 01 10 91-0002	HR	Hospital/Lab Certification - Oxygen, Air, Water Lines, Medical Gases, Nitrogen And Vacuum	175.78

23 01 10 91-0003 Purge Gas Systems *(23 01 10 91)*

Note: Includes collection and refilling/bleeding of system. For natural gas, flammable gases and other gases that should not be released inside the building. See CSI section 23 01 60 71-0001 for refrigerant.

23 01 10 91-0004	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	501.12
23 01 10 91-0005	EA	>100' To 250', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	715.90
23 01 10 91-0006	EA	>250' To 500', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	752.16
23 01 10 91-0007	EA	>500' To 1,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	830.12
23 01 10 91-0008	EA	>1,000' To 2,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	1,503.69
23 01 10 91-0009	EA	Up To 100', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	674.33
23 01 10 91-0010	EA	>100' To 250', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	969.82
23 01 10 91-0011	EA	>250' To 500', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,028.76
23 01 10 91-0012	EA	>500' To 1,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,154.59
23 01 10 91-0013	EA	>1,000' To 2,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	2,100.45
23 01 10 91-0014	EA	Up To 100', >4" To 10" Diameter Pipe, Purge Gas Systems	803.27
23 01 10 91-0015	EA	>100' To 250', >4" To 10" Diameter Pipe, Purge Gas Systems	1,187.65
23 01 10 91-0016	EA	>250' To 500', >4" To 10" Diameter Pipe, Purge Gas Systems	2,732.83
23 01 10 91-0017	EA	>500' To 1,000', >4" To 10" Diameter Pipe, Purge Gas Systems	4,280.02
23 01 10 91-0018	EA	>1,000' To 2,000', >4" To 10" Diameter Pipe, Purge Gas Systems	8,049.70

23 01 20 Operation and Maintenance of HVAC Piping and Pumps *(23 01)*

23 01 20 91 HVAC Piping and Pumps Restoration *(23 01 20)*

23 01 20 91-0001 Lock Out/Tag Out System *(23 01 20 91)*

23 01 20 91-0002	EA	Up To 1", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	27.11
23 01 20 91-0003	EA	>1" To 3", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	32.54
23 01 20 91-0004	EA	>3" To 6", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	37.96
23 01 20 91-0005	EA	>6" To 10", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	43.38
23 01 20 91-0006	EA	>10" To 14", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	54.23
23 01 20 91-0007	EA	Lock Out Padlock	10.85
23 01 20 91-0008	EA	Lock Out Tags	4.54

23 01 20 91-0009 Freeze Pipe Using CO2 Kit *(23 01 20 91)*

Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0010	EA	Up To 2" Freeze Pipe Using CO2 Kit	350.87

23 01 20 91-0011 Pipe Freezing *(23 01 20 91)*

Note: For use on any water piping systems. Excludes excavation, cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0012	EA	Up To 1" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	759.79
23 01 20 91-0013	EA	Up To 1" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	349.35
23 01 20 91-0014	EA	>1" To 1-1/2" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	923.57
23 01 20 91-0015	EA	>1" To 1-1/2" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	401.49
23 01 20 91-0016	EA	>1-1/2" To 2" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	1,300.19
23 01 20 91-0017	EA	>1-1/2" To 2" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	453.80
23 01 20 91-0018	EA	>2" To 3" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	1,485.24
23 01 20 91-0019	EA	>2" To 3" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	542.09
23 01 20 91-0020	EA	>3" To 4" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	2,222.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0021	EA	>3" To 4" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	623.58	
23 01 20 91-0022	EA	>4" To 6" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	4,751.98	
23 01 20 91-0023	EA	>4" To 6" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	853.93	
23 01 20 91-0024	EA	>6" To 8" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	6,321.29	
23 01 20 91-0025	EA	>6" To 8" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	1,286.56	
23 01 20 91-0026	EA	>8" To 10" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	8,758.11	
23 01 20 91-0027	EA	>8" To 10" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	1,788.18	
23 01 20 91-0028	EA	>10" To 12" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	11,306.28	
23 01 20 91-0029	EA	>10" To 12" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	2,358.61	

23 01 20 91-0030 Water/Chlorine Pipe Disinfection/Flush/Testing *(23 01 20 91)*

Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution".

23 01 20 91-0031	LF	Up To 1", Water/Chlorine Pipe Disinfection/Flush/Testing	1.83	
		For >250 To 500, Deduct	*-0.14*	
		For >500 To 2000, Deduct	*-0.34*	
		For >2000, Deduct	*-0.49*	
23 01 20 91-0032	LF	>1" To 2", Water/Chlorine Pipe Disinfection/Flush/Testing	2.54	
		For >250 To 500, Deduct	*-0.18*	
		For >500 To 2000, Deduct	*-0.45*	
		For >2000, Deduct	*-0.66*	
23 01 20 91-0033	LF	>2" To 3", Water/Chlorine Pipe Disinfection/Flush/Testing	3.94	
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 2000, Deduct	*-0.68*	
		For >2000, Deduct	*-0.98*	
23 01 20 91-0034	LF	4", Water/Chlorine Pipe Disinfection/Flush/Testing	5.49	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 2000, Deduct	*-0.90*	
		For >2000, Deduct	*-1.31*	
23 01 20 91-0035	LF	6", Water/Chlorine Pipe Disinfection/Flush/Testing	6.81	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 2000, Deduct	*-1.08*	
		For >2000, Deduct	*-1.57*	
23 01 20 91-0036	LF	8", Water/Chlorine Pipe Disinfection/Flush/Testing	8.66	
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 2000, Deduct	*-1.36*	
		For >2000, Deduct	*-1.97*	
23 01 20 91-0037	LF	10", Water/Chlorine Pipe Disinfection/Flush/Testing	11.35	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 2000, Deduct	*-1.81*	
		For >2000, Deduct	*-2.62*	
23 01 20 91-0038	LF	12", Water/Chlorine Pipe Disinfection/Flush/Testing	13.63	
		For >250 To 500, Deduct	*-0.87*	
		For >500 To 2000, Deduct	*-2.17*	
		For >2000, Deduct	*-3.15*	

23 01 20 91-0039 Shut Down Existing Piping System *(23 01 20 91)*

23 01 20 91-0040	EA	Shut Down Existing Interior Piping System Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one.	228.46	

23 01 20 91-0041 Purge Liquid Systems *(23 01 20 91)*

Note: Includes collection of liquid, refilling with liquid and bleeding of air from system.

23 01 20 91-0042	EA	Up To 50', Up To 3/4" Diameter Pipe, Purge Liquid System	171.44	
23 01 20 91-0043	EA	>50' To 100', Up To 3/4" Diameter Pipe, Purge Liquid System	214.30	
23 01 20 91-0044	EA	>100 To 250', Up To 3/4" Diameter Pipe, Purge Liquid System	305.86	
23 01 20 91-0045	EA	>250 To 500', Up To 3/4" Diameter Pipe, Purge Liquid System	366.52	
23 01 20 91-0046	EA	>500 To 1,000', Up To 3/4" Diameter Pipe, Purge Liquid System	458.15	
23 01 20 91-0047	EA	>1,000 To 2,000', Up To 3/4" Diameter Pipe, Purge Liquid System	595.60	
23 01 20 91-0048	LF	>2,000', Up To 3/4" Diameter Pipe, Purge Liquid System	0.30	
23 01 20 91-0049	EA	Up To 100', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	357.01	
23 01 20 91-0050	EA	>100 To 250', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	509.88	
23 01 20 91-0051	EA	>250 To 500', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	610.93	
23 01 20 91-0052	EA	>500 To 1,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	763.67	
23 01 20 91-0053	EA	>1,000 To 2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	992.77	
23 01 20 91-0054	LF	>2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	0.49	
23 01 20 91-0055	EA	Up To 100', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	499.81	
23 01 20 91-0056	EA	>100 To 250', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	713.84	
23 01 20 91-0057	EA	>250 To 500', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	855.31	
23 01 20 91-0058	EA	>500 To 1,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	1,069.13	
23 01 20 91-0059	EA	>1,000 To 2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	1,389.88	
23 01 20 91-0060	LF	>2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	0.70	
23 01 20 91-0061	EA	Up To 100', >3" To 6" Diameter Pipe, Purge Liquid System	687.24	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0062	EA	>100 To 250', >3" To 6" Diameter Pipe, Purge Liquid System	981.52	
23 01 20 91-0063	EA	>250 To 500', >3" To 6" Diameter Pipe, Purge Liquid System	1,042.04	
23 01 20 91-0064	EA	>500 To 1,000', >3" To 6" Diameter Pipe, Purge Liquid System	1,302.55	
23 01 20 91-0065	EA	>1,000 To 2,000', >3" To 6" Diameter Pipe, Purge Liquid System	1,693.31	
23 01 20 91-0066	LF	>2,000', >3" To 6" Diameter Pipe, Purge Liquid System	0.85	
23 01 20 91-0067	EA	Up To 100', >6" To 10" Diameter Pipe, Purge Liquid System	927.78	
23 01 20 91-0068	EA	>100 To 250', >6" To 10" Diameter Pipe, Purge Liquid System	1,325.05	
23 01 20 91-0069	EA	>250 To 500', >6" To 10" Diameter Pipe, Purge Liquid System	1,406.75	
23 01 20 91-0070	EA	>500 To 1,000', >6" To 10" Diameter Pipe, Purge Liquid System	1,758.43	
23 01 20 91-0071	EA	>1,000 To 2,000', >6" To 10" Diameter Pipe, Purge Liquid System	2,285.97	
23 01 20 91-0072	LF	>2,000', >6" To 10" Diameter Pipe, Purge Liquid System	1.14	
23 01 20 91-0073		Special Cleaning Of Piping Systems *(23 01 20 91)*		
23 01 20 91-0074		Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing *(23 01 20 91-0073)*		
23 01 20 91-0075	LF	Up To 1", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	2.36	
		For >250 To 500, Deduct	*-0.15*	
		For >500 To 2000, Deduct	*-0.39*	
		For >2000, Deduct	*-0.56*	
23 01 20 91-0076	LF	>1" To 2", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	3.98	
		For >250 To 500, Deduct	*-0.25*	
		For >500 To 2000, Deduct	*-0.62*	
		For >2000, Deduct	*-0.90*	
23 01 20 91-0077	LF	>2" To 3", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	5.60	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 2000, Deduct	*-0.86*	
		For >2000, Deduct	*-1.25*	
23 01 20 91-0078	LF	>3" To 4", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	7.26	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 2000, Deduct	*-1.11*	
		For >2000, Deduct	*-1.60*	
23 01 20 91-0079	LF	>4" To 6", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	10.06	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 2000, Deduct	*-1.55*	
		For >2000, Deduct	*-2.25*	
23 01 20 91-0080		Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing *(23 01 20 91-0073)*		
23 01 20 91-0081	LF	Up To 1", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	2.59	
		For >250 To 500, Deduct	*-0.15*	
		For >500 To 2000, Deduct	*-0.39*	
		For >2000, Deduct	*-0.56*	
23 01 20 91-0082	LF	>1" To 2", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	4.27	
		For >250 To 500, Deduct	*-0.25*	
		For >500 To 2000, Deduct	*-0.62*	
		For >2000, Deduct	*-0.90*	
23 01 20 91-0083	LF	>2" To 3", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	6.00	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 2000, Deduct	*-0.86*	
		For >2000, Deduct	*-1.25*	
23 01 20 91-0084	LF	>3" To 4", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	7.87	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 2000, Deduct	*-1.11*	
		For >2000, Deduct	*-1.60*	
23 01 20 91-0085	LF	>4" To 6", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	10.87	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 2000, Deduct	*-1.55*	
		For >2000, Deduct	*-2.25*	
23 01 20 91-0086		Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing *(23 01 20 91-0073)*		
23 01 20 91-0087	LF	Up To 1", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	2.66	
		For >250 To 500, Deduct	*-0.15*	
		For >500 To 2000, Deduct	*-0.39*	
		For >2000, Deduct	*-0.56*	
23 01 20 91-0088	LF	>1" To 2", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	4.38	
		For >250 To 500, Deduct	*-0.25*	
		For >500 To 2000, Deduct	*-0.62*	
		For >2000, Deduct	*-0.90*	
23 01 20 91-0089	LF	>2" To 3", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	6.18	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 2000, Deduct	*-0.86*	
		For >2000, Deduct	*-1.25*	
23 01 20 91-0090	LF	>3" To 4", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	8.10	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 2000, Deduct	*-1.11*	
		For >2000, Deduct	*-1.60*	
23 01 20 91-0091	LF	>4" To 6", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	11.18	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 2000, Deduct	*-1.55*	
		For >2000, Deduct	*-2.25*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0092		Add-A-Valve Emergency Shut Off Device *(23 01 20 91)*		
23 01 20 91-0093	EA	1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-103ADD)	372.51	
23 01 20 91-0094	EA	3/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-104ADD)	469.42	
23 01 20 91-0095	EA	1" Add-A-Valve Emergency Shut Off Device (Jomar 800-105ADD)	652.24	
23 01 20 91-0096	EA	1-1/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-106ADD)	1,001.55	
23 01 20 91-0097	EA	1-1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-107ADD)	1,237.76	
23 01 20 91-0098	EA	2" Add-A-Valve Emergency Shut Off Device (Jomar 800-108ADD)	1,874.05	

23 01 30 Operation and Maintenance of HVAC Air Distribution *(23 01)*

23 01 30 51 HVAC Air-Distribution System Cleaning *(23 01 30)*

23 01 30 51-0001		Cleaning Of Ductwork And HVAC Equipment *(23 01 30 51)*		
23 01 30 51-0002	LF	Up To 2 SF Cross Section, Clean Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	3.36	
		For Exhaust Ductwork, Add	*0.84*	
23 01 30 51-0003	LF	>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	4.21	
		For Exhaust Ductwork, Add	*1.05*	
23 01 30 51-0004	LF	>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	5.65	
		For Exhaust Ductwork, Add	*1.41*	
23 01 30 51-0005	LF	>8 SF Cross Section, Clean Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	8.02	
		For Exhaust Ductwork, Add	*2.01*	
23 01 30 51-0006	SF	Clean Duct Dampers	11.27	
23 01 30 51-0007	SF	Clean Duct Fire Dampers	22.55	
23 01 30 51-0008	SF	Clean Louver	9.02	
23 01 30 51-0009	EA	Clean Turning Vane Set	27.06	
23 01 30 51-0010	EA	Clean Grille/Diffuser/Register Note: Includes removal and reinstallation.	27.06	
23 01 30 51-0011	LF	Clean Linear Diffuser Note: Includes removal and reinstallation.	6.77	
23 01 30 51-0012	EA	Cut Access For Cleaning Duct And Install Duct Insulated Access Doors	107.22	
		For Stainless Steel, Add	*92.92*	
23 01 30 51-0013	EA	Clean Variable Air Volume (VAV) Unit	81.18	
23 01 30 51-0014	EA	Clean Fan Powered Induction Unit (PIU) Unit	108.24	
23 01 30 51-0015	EA	Clean Fan Coil Unit (FCU)	108.24	
23 01 30 51-0016	EA	Clean Packaged Terminal Air Conditioning Unit	108.24	
23 01 30 51-0017	EA	Clean Supply Or Return Fan	216.49	
23 01 30 51-0018	EA	Clean Exhaust Fan	189.43	
23 01 30 51-0019	EA	Clean Duct Coil	162.37	
23 01 30 51-0020	SF	Clean Air Handling Unit Interior Housing With High Efficiency Particulate Air (HEPA) Vacuum Note: Excluding fan and coils.	5.41	
23 01 30 51-0021	EA	Clean Air Handling Unit Fan	216.49	
23 01 30 51-0022	EA	Clean Air Handling Unit Coil	324.74	
23 01 30 51-0023	SF	Clean Equipment Surfaces, Rust Reform And Prime	3.04	
23 01 30 51-0024	SF	Clean Interior Equipment Surfaces, Rust Reform And Prime	3.58	
23 01 30 51-0025	SF	High Efficiency Particulate Air (HEPA) Vacuuming Of Walls, Ceilings And Floors In Mechanical Rooms	0.69	
23 01 30 51-0026	EA	Cleaning Of Ductwork Minimum Set-up Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	789.81	
23 01 30 51-0027	SF	Apply Antimicrobial Agent To Ductwork And Surfaces After Cleaning	0.49	

23 01 30 61 HVAC Air-Distribution Duct Repair *(23 01 30)*

23 01 30 61-0001		Repair And Seal Ductwork *(23 01 30 61)* Note: Includes removal of existing insulation, repair/seal ductwork with Duct Sealer and reinstallation of insulation. Excludes new ductwork.		
23 01 30 61-0002	SF	Repair And Sealing Of Ductwork Note: Clean, apply sealant and tape	2.08	
23 01 30 61-0003		Temporary Duct Seal To Restrict Airflow *(23 01 30 61)* Note: Includes inserting temporary seal in duct at access door, filling with air and removal after use. Excludes installing new acess door in ductwork or reworking ductwork. See CSI section 23 01 30 61-0022 for rework ductwork, 23 33 33 00-0000 for access doors.		
23 01 30 61-0004	EA	4" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	29.19	
23 01 30 61-0005	EA	6" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	32.10	
23 01 30 61-0006	EA	8" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	36.49	
23 01 30 61-0007	EA	10" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	39.93	
23 01 30 61-0008	EA	12" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	43.85	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 30 61-0009	EA	16" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	48.97	
23 01 30 61-0010	EA	20" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	54.27	
23 01 30 61-0011	EA	24" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	59.22	
23 01 30 61-0012	EA	28" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	62.50	
23 01 30 61-0013	EA	30" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	67.60	
23 01 30 61-0014	EA	33" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	71.59	
23 01 30 61-0015	EA	36" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	76.53	
23 01 30 61-0016	EA	39" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	85.35	
23 01 30 61-0017	EA	42" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	92.95	
23 01 30 61-0018	EA	45" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	102.24	
23 01 30 61-0019	EA	48" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	110.89	
23 01 30 61-0020	EA	54" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	139.33	
23 01 30 61-0021	EA	60" Diameter, Temporary Re-usable Inflatable Duct Plug Note: Includes removal after use.	173.10	
23 01 30 61-0022		Rework Sheet Metal Ductwork *(23 01 30 61)* Note: Includes removal of existing ductwork and reinstallation of ductwork. Excludes new ductwork.		
23 01 30 61-0023	LF	Up To 1 SF Cross Section, Rework Existing Ductwork	29.07	
23 01 30 61-0024	LF	>1 To 2 SF Cross Section, Rework Existing Ductwork	56.69	
23 01 30 61-0025	LF	>2 To 4 SF Cross Section, Rework Existing Ductwork	74.90	
23 01 30 61-0026	LF	>4 To 6 SF Cross Section, Rework Existing Ductwork	93.80	
23 01 30 61-0027	LF	>6 To 8 SF Cross Section, Rework Existing Ductwork	130.82	
23 01 30 61-0028	LF	>8 To 10 SF Cross Section, Rework Existing Ductwork	152.62	
23 01 30 61-0029	LF	>10 To 12 SF Cross Section, Rework Existing Ductwork	174.42	
23 01 30 61-0030	LF	>12 To 14 SF Cross Section, Rework Existing Ductwork	196.23	

23 01 50 Operation and Maintenance of Central Heating Equipment *(23 01)*

23 01 50 61 Central Heating Equipment Repair *(23 01 50)*

23 01 50 61-0001		Boiler Repairs *(23 01 50 61)*		
23 01 50 61-0002		Setup And Maintenance *(23 01 50 61-0001)*		
23 01 50 61-0003	EA	Set-up Charge For Boiler Fire Side Maintenance Note: Includes removing/relocating doors, plates, portals, and burners required to access fireside.	2,393.86	
23 01 50 61-0004	EA	Close-up Charge For Boiler Fire Side Maintenance Note: Includes replacement of doors, plates, portals, burners, adhesive, rope, wool, and seals.	2,620.55	
		For Burner Seals, Add *Note: Used when burner must be removed from door for maintenance.*	*639.39*	
23 01 50 61-0005	EA	Setup Charge For Boiler Water Side Maintenance Note: Includes closing valves, draining, and positioning equipment needed for tube replacement.	3,191.82	
23 01 50 61-0006	EA	Up To 100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	1,595.91	
23 01 50 61-0007	EA	>100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	3,191.82	
23 01 50 61-0008	EA	Removal And Replacement Of Handhole	99.75	
23 01 50 61-0009	EA	Removal And Replacement Of Manhole	299.23	
23 01 50 61-0010	SF	Sheet Metal Jacket Patch	11.33	
23 01 50 61-0011		Boiler Tube Replacement *(23 01 50 61-0001)*		
23 01 50 61-0012	EA	Removal Of Up To 2" Boiler Tube	239.38	
23 01 50 61-0013	EA	Removal Of >2" To 3" Boiler Tube	299.24	
23 01 50 61-0014	EA	Removal Of >3" To 4" Boiler Tube	418.92	
23 01 50 61-0015	LF	Place 1-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	16.12	
23 01 50 61-0016	LF	Place 2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	19.00	
23 01 50 61-0017	LF	Place 2-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	21.93	
23 01 50 61-0018	LF	Place 3" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	32.99	
23 01 50 61-0019	LF	Place 3-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	39.11	
23 01 50 61-0020	LF	Place 4" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	51.13	
23 01 50 61-0021	EA	1-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	29.93	
23 01 50 61-0022	EA	2" Rolled Boiler Tube Termination (2 Per New Tube)	44.88	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 50 61-0023	EA	2-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	59.85	
23 01 50 61-0024	EA	3" Rolled Boiler Tube Termination (2 Per New Tube)	74.81	
23 01 50 61-0025	EA	3-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	89.77	
23 01 50 61-0026	EA	4" Rolled Boiler Tube Termination (2 Per New Tube)	104.73	
23 01 50 61-0027	EA	1-1/2" Welded Boiler Tube Termination (2 Per New Tube)	89.77	
23 01 50 61-0028	EA	2" Welded Boiler Tube Termination (2 Per New Tube)	119.69	
23 01 50 61-0029	EA	2-1/2" Welded Boiler Tube Termination (2 Per New Tube)	149.62	
23 01 50 61-0030	EA	3" Welded Boiler Tube Termination (2 Per New Tube)	179.54	
23 01 50 61-0031	EA	3-1/2" Welded Boiler Tube Termination (2 Per New Tube)	209.46	
23 01 50 61-0032	EA	4" Welded Boiler Tube Termination (2 Per New Tube)	239.38	
23 01 50 61-0033	EA	Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced	373.13	
23 01 50 61-0034		**Cast Iron Boiler Section Replacement** *(23 01 50 61-0001)*		
23 01 50 61-0035	EA	Removal And Replacement Of Front Section Of Weil McLain Model 80 Cast Iron Boiler	2,702.79	
23 01 50 61-0036	EA	Removal And Replacement Of Rear Section Of Weil McLain Model 80 Cast Iron Boiler	1,874.92	
23 01 50 61-0037	EA	Removal And Replacement Of Inside Section Of Weil McLain Model 80 Cast Iron Boiler	2,325.85	
23 01 50 61-0038	EA	Removal And Replacement Of Front Section Of Weil McLain Model 88 Cast Iron Boiler	5,002.50	
23 01 50 61-0039	EA	Removal And Replacement Of Rear Section Of Weil McLain Model 88 Cast Iron Boiler	3,717.32	
23 01 50 61-0040	EA	Removal And Replacement Of Inside Section Of Weil McLain Model 88 Cast Iron Boiler	4,281.53	
23 01 50 61-0041	EA	Removal And Replacement Of Front Section Of Weil McLain Model 94 Cast Iron Boiler	8,148.24	
23 01 50 61-0042	EA	Removal And Replacement Of Rear Section Of Weil McLain Model 94 Cast Iron Boiler	6,384.65	
23 01 50 61-0043	EA	Removal And Replacement Of Inside Section Of Weil McLain Model 94 Cast Iron Boiler	6,778.40	
23 01 50 61-0044		**Cast Iron Grate Replacement** *(23 01 50 61-0001)*		
23 01 50 61-0045	SF	Removal And Replacement Of Cast Iron Boiler Grates, Prepared From Casting Mold Note: Includes support, linkages and removal of existing.	137.84	
23 01 50 61-0046	EA	Prepare Cast Iron Boiler Grate Mold Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings.	2,073.85	
23 01 50 61-0047		**Replacement Or Conversion Of Boiler Burners** *(23 01 50 61-0001)* Note: Includes mounting plate, mechanical and electrical labor for installation of burners.		
23 01 50 61-0048	EA	700 MBH Max Input Burner With 2" Boiler Connection, Screwed	10,157.44	1,064.62
23 01 50 61-0049	EA	2,100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed	14,692.76	1,318.09
23 01 50 61-0050	EA	2,800 MBH Max Input Burner With 3" Boiler Connection, Screwed	17,348.13	1,596.82
23 01 50 61-0051	EA	3,800 MBH Max Input Burner With 4" Boiler Connection, Flanged	20,491.96	1,718.71
23 01 50 61-0052		**Video Inspection Of Boiler Tubing** *(23 01 50 61-0001)*		
23 01 50 61-0053	EA	Initial Set Up For Boiler Tubing Video Camera Inspection	472.88	
23 01 50 61-0054	LF	Boiler Tubing Inspection	0.57	
23 01 50 61-0055		**Boiler And Chiller Water Treatment** *(23 01 50 61)* Note: 3 LB chemical per 50 gallon system water.		
23 01 50 61-0056	LB	Boil Out Boiler And System With Caustic Soda Note: Includes disposal after treatment.	1.62	
23 01 50 61-0057	LB	Boil Out Boiler And System With Trisodium Phosphate Note: Includes disposal after treatment.	2.43	
23 01 50 61-0058	GAL	Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required	151.75	

23 01 60 Operation and Maintenance of Central Cooling Equipment *(23 01)*

23 01 60 61 Central Cooling Equipment Repair *(23 01 60)*

23 01 60 61-0001		**Cooling Tower Repairs** *(23 01 60 61)*		
23 01 60 61-0002	EA	Replace 6' Diameter 4 Blade, Cooling Tower Fan Blade	3,346.07	
23 01 60 61-0003	EA	Replace 6' Diameter 5 Blade, Cooling Tower Fan Blade	3,948.92	
23 01 60 61-0004	EA	Replace 6' Diameter 6 Blade, Cooling Tower Fan Blade	4,547.34	
23 01 60 61-0005	EA	Replace 6' Diameter 7 Blade, Cooling Tower Fan Blade	5,376.81	
23 01 60 61-0006	EA	Replace 6' Diameter 8 Blade, Cooling Tower Fan Blade	5,929.04	
23 01 60 61-0007	EA	Replace 8' Diameter 4 Blade, Cooling Tower Fan Blade	3,690.87	
23 01 60 61-0008	EA	Replace 8' Diameter 5 Blade, Cooling Tower Fan Blade	4,113.28	
23 01 60 61-0009	EA	Replace 8' Diameter 6 Blade, Cooling Tower Fan Blade	4,839.32	
23 01 60 61-0010	EA	Replace 8' Diameter 7 Blade, Cooling Tower Fan Blade	5,521.37	
23 01 60 61-0011	EA	Replace 8' Diameter 8 Blade, Cooling Tower Fan Blade	6,086.82	
23 01 60 61-0012	EA	Replace Individual Cooling Tower Fan Blade For 6' Diameter Fan	919.01	
23 01 60 61-0013	EA	Replace Individual Cooling Tower Fan Blade For 8' Diameter Fan	953.21	
23 01 60 61-0014	EA	Replace Individual Cooling Tower Fan Blade For 10' Diameter Fan	1,018.22	
23 01 60 61-0015	EA	Replace Individual Cooling Tower Fan Blade For 12' Diameter Fan	1,186.62	
23 01 60 61-0016	EA	Replace Individual Cooling Tower Fan Blade For 14' Diameter Fan	1,471.62	
23 01 60 61-0017	EA	Replace Individual Cooling Tower Fan Blade For 16' Diameter Fan	1,992.06	
23 01 60 61-0018	EA	Replace Individual Cooling Tower Fan Blade For 18' Diameter Fan	2,094.46	
23 01 60 61-0019	EA	Replace Individual Cooling Tower Fan Blade For 20' Diameter Fan	2,248.06	
23 01 60 61-0020	EA	Replace Counterflow Nozzle (1/2" - 2" NPT Thread)	38.33	
23 01 60 61-0021	EA	Replace 6' Polyvinyl Chloride (PVC) Splash Fill	22.72	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 60 71		**Refrigerant Recovery/Recycling** *(23 01 60)*		
23 01 60 71-0001		Refrigerant Recovery, Reclaim And Recycling *(23 01 60 71)*		
23 01 60 71-0002	LB	Recovery Of Refrigerant	11.47	
23 01 60 71-0003	LB	Recovery And Recharging Of Refrigerant Note: Includes cleaning refrigerant gas prior to recharging.	21.52	
23 01 60 71-0004	LB	Recharging Of Refrigerant Note: Excludes refrigerant filling at time of installation of HVAC or Condenser units.	9.66	

23 05 Common Work Results for HVAC *(23)*

23 05 13 Common Motor Requirements for HVAC Equipment *(23 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor.

23 05 13 00-0001		Premium Efficient, Motors *(23 05 13)* Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation.		
23 05 13 00-0002		Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0001)* Note: NEMA premium efficiency, open drip proof, three phase AC motors.		
23 05 13 00-0003		Steel Frame, Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0002)*		
23 05 13 00-0004	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	692.93	
23 05 13 00-0005	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	784.62	
23 05 13 00-0006	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	919.90	
23 05 13 00-0007	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	772.59	
23 05 13 00-0008	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	820.69	
23 05 13 00-0009	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,076.22	
23 05 13 00-0010	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	907.87	
23 05 13 00-0011	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	879.31	
23 05 13 00-0012	EA	2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,100.27	
23 05 13 00-0013	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	919.90	
23 05 13 00-0014	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	948.46	
23 05 13 00-0015	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,400.89	
23 05 13 00-0016	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,004.07	
23 05 13 00-0017	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,038.64	
23 05 13 00-0018	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,835.29	
23 05 13 00-0019	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,593.29	
23 05 13 00-0020	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,527.15	
23 05 13 00-0021	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,200.54	
23 05 13 00-0022	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,821.76	
23 05 13 00-0023	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,848.81	
23 05 13 00-0024	EA	10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,863.41	
23 05 13 00-0025	EA	15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,588.34	
23 05 13 00-0026	EA	15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,618.40	
23 05 13 00-0027	EA	15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,861.46	
23 05 13 00-0028	EA	20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,040.77	
23 05 13 00-0029	EA	20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,287.28	
23 05 13 00-0030	EA	20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,700.19	
23 05 13 00-0031	EA	25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,651.03	
23 05 13 00-0032	EA	25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,007.26	
23 05 13 00-0033	EA	25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,677.21	
23 05 13 00-0034	EA	30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,307.88	
23 05 13 00-0035	EA	30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,381.54	
23 05 13 00-0036	EA	30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,922.21	
23 05 13 00-0037	EA	40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,550.95	
23 05 13 00-0038	EA	40 HP, 1,800 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,716.29	
23 05 13 00-0039	EA	50 HP, 3,600 RPM, 326TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,045.47	
23 05 13 00-0040	EA	50 HP, 1,800 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,308.51	
23 05 13 00-0041	EA	60 HP, 3,600 RPM, 364TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	7,649.28	
23 05 13 00-0042	EA	60 HP, 1,800 RPM, 364T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	7,942.38	
23 05 13 00-0043	EA	75 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	10,034.70	
23 05 13 00-0044	EA	75 HP, 1,800 RPM, 365T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	9,749.11	
23 05 13 00-0045	EA	100 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	10,726.12	
23 05 13 00-0046	EA	100 HP, 1,800 RPM, 404T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	11,342.39	
23 05 13 00-0047	EA	125 HP, 3,600 RPM, 404TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	13,461.76	
23 05 13 00-0048	EA	125 HP, 1,800 RPM, 405T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	13,914.20	
23 05 13 00-0049	EA	150 HP, 3,600 RPM, 405TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	16,606.25	
23 05 13 00-0050		Cast Iron Frame, Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0002)*		
23 05 13 00-0051	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	8,436.90	
23 05 13 00-0052	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	10,213.56	
23 05 13 00-0053	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	12,967.24	
23 05 13 00-0054	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	14,437.28	
23 05 13 00-0055	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	15,890.77	
23 05 13 00-0056	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	17,160.89	
23 05 13 00-0057	EA	150 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	15,456.38	
23 05 13 00-0058	EA	150 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	20,210.68	
23 05 13 00-0059	EA	200 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	18,818.81	
23 05 13 00-0060	EA	200 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	19,314.84	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0061	EA	200 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	26,567.29	
23 05 13 00-0062		**Premium Efficient, TEFC Motors** *(23 05 13 00-0001)*		
		Note: NEMA premium efficiency, totally enclosed fan cooled, three phase AC motors.		
23 05 13 00-0063		**Steel Frame, Premium Efficient, TEFC Motors** *(23 05 13 00-0062)*		
23 05 13 00-0064	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, TEFC Motor	810.17	
23 05 13 00-0065	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	892.84	
23 05 13 00-0066	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,062.69	
23 05 13 00-0067	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	918.39	
23 05 13 00-0068	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	927.41	
23 05 13 00-0069	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,005.57	
23 05 13 00-0070	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	961.98	
23 05 13 00-0071	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,115.30	
23 05 13 00-0072	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,062.69	
23 05 13 00-0073	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,706.02	
23 05 13 00-0074	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,237.05	
23 05 13 00-0075	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,163.40	
23 05 13 00-0076	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,926.97	
23 05 13 00-0077	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,853.32	
23 05 13 00-0078	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,677.46	
23 05 13 00-0079	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,878.88	
23 05 13 00-0080	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,893.91	
23 05 13 00-0081		**Cast Iron Frame, Premium Efficient, TEFC Motors** *(23 05 13 00-0062)*		
23 05 13 00-0082	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,155.88	
23 05 13 00-0083	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,294.17	
23 05 13 00-0084	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,220.52	
23 05 13 00-0085	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,197.97	
23 05 13 00-0086	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,540.68	
23 05 13 00-0087	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,283.65	
23 05 13 00-0088	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,255.09	
23 05 13 00-0089	EA	2 HP, 1,200 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,564.73	
23 05 13 00-0090	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,385.86	
23 05 13 00-0091	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,424.94	
23 05 13 00-0092	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,949.52	
23 05 13 00-0093	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,706.02	
23 05 13 00-0094	EA	5 HP, 1,800 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,426.44	
23 05 13 00-0095	EA	5 HP, 1,200 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,262.17	
23 05 13 00-0096	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,975.07	
23 05 13 00-0097	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,902.92	
23 05 13 00-0098	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,225.65	
23 05 13 00-0099	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,314.77	
23 05 13 00-0100	EA	10 HP, 1,800 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,134.40	
23 05 13 00-0101	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,682.60	
23 05 13 00-0102	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,189.58	
23 05 13 00-0103	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,919.02	
23 05 13 00-0104	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,912.13	
23 05 13 00-0105	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,500.72	
23 05 13 00-0106	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,539.80	
23 05 13 00-0107	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,539.99	
23 05 13 00-0108	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,567.92	
23 05 13 00-0109	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,629.55	
23 05 13 00-0110	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,399.76	
23 05 13 00-0111	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,427.69	
23 05 13 00-0112	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,492.33	
23 05 13 00-0113	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,548.13	
23 05 13 00-0114	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,440.34	
23 05 13 00-0115	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,181.81	
23 05 13 00-0116	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	10,652.47	
23 05 13 00-0117	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,139.29	
23 05 13 00-0118	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,849.19	
23 05 13 00-0119	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	12,872.55	
23 05 13 00-0120	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	11,434.08	
23 05 13 00-0121	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	11,294.29	
23 05 13 00-0122	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	15,624.72	
23 05 13 00-0123	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	13,302.44	
23 05 13 00-0124	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	13,206.24	
23 05 13 00-0125	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	18,195.03	
23 05 13 00-0126	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	16,400.32	
23 05 13 00-0127	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	20,303.87	
23 05 13 00-0128	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	23,355.17	
23 05 13 00-0129	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	29,352.54	
23 05 13 00-0130		**Premium Efficient, Severe Duty Motors** *(23 05 13 00-0001)*		
		Note: NEMA premium efficiency, TEFC enclosure severe duty, three phase AC motors.		
23 05 13 00-0131	EA	1 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,200.98	
23 05 13 00-0132	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,319.72	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0133	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,458.01	
23 05 13 00-0134	EA	1 HP, 900 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,048.73	
23 05 13 00-0135	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,366.32	
23 05 13 00-0136	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,345.27	
23 05 13 00-0137	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,706.02	
23 05 13 00-0138	EA	1-1/2 HP, 900 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,549.26	
23 05 13 00-0139	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,429.45	
23 05 13 00-0140	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,403.90	
23 05 13 00-0141	EA	2 HP, 1,200 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,728.56	
23 05 13 00-0142	EA	2 HP, 900 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,215.13	
23 05 13 00-0143	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,690.99	
23 05 13 00-0144	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,776.66	
23 05 13 00-0145	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,495.15	
23 05 13 00-0146	EA	3 HP, 900 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,487.19	
23 05 13 00-0147	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,080.29	
23 05 13 00-0148	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,808.23	
23 05 13 00-0149	EA	5 HP, 1,200 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,528.21	
23 05 13 00-0150	EA	5 HP, 900 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,550.95	
23 05 13 00-0151	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,714.60	
23 05 13 00-0152	EA	7-1/2 HP, 1,800 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,277.20	
23 05 13 00-0153	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,617.96	
23 05 13 00-0154	EA	7-1/2 HP, 900 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,347.59	
23 05 13 00-0155	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,890.46	
23 05 13 00-0156	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,726.62	
23 05 13 00-0157	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,700.19	
23 05 13 00-0158	EA	10 HP, 900 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,404.27	
23 05 13 00-0159	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,697.63	
23 05 13 00-0160	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,473.66	
23 05 13 00-0161	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,388.61	
23 05 13 00-0162	EA	15 HP, 900 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,884.39	
23 05 13 00-0163	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,313.90	
23 05 13 00-0164	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,726.18	
23 05 13 00-0165	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,321.60	
23 05 13 00-0166	EA	20 HP, 900 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,268.74	
23 05 13 00-0167	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,184.19	
23 05 13 00-0168	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,876.06	
23 05 13 00-0169	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,650.78	
23 05 13 00-0170	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,320.54	
23 05 13 00-0171	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,789.94	
23 05 13 00-0172	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,863.34	
23 05 13 00-0173	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,683.41	
23 05 13 00-0174	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,575.62	
23 05 13 00-0175	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	12,293.85	
23 05 13 00-0176	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,099.77	
23 05 13 00-0177	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,892.34	
23 05 13 00-0178	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,095.01	
23 05 13 00-0179	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,206.24	
23 05 13 00-0180	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,918.08	
23 05 13 00-0181	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	17,886.89	
23 05 13 00-0182	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	14,763.45	
23 05 13 00-0183	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,926.22	
23 05 13 00-0184	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,769.40	
23 05 13 00-0185	EA	100 HP, 3,600 RPM, 405TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	18,557.27	
23 05 13 00-0186	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	18,280.70	
23 05 13 00-0187	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	23,944.38	
23 05 13 00-0188	EA	125 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,805.47	
23 05 13 00-0189	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,611.57	
23 05 13 00-0190	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	27,049.79	
23 05 13 00-0191	EA	150 HP, 3,600 RPM, 445TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	25,563.22	
23 05 13 00-0192	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	25,318.22	
23 05 13 00-0193	EA	150 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	30,497.90	
23 05 13 00-0194	EA	200 HP, 3,600 RPM, 447TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	30,270.93	
23 05 13 00-0195	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	30,457.32	
23 05 13 00-0196	EA	200 HP, 1,200 RPM, 449T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	39,949.39	
23 05 13 00-0197		Premium Efficient, Explosion Proof Motors *(23 05 13 00-0001)*		
		Note: NEMA premium efficiency, explosion proof, three phase AC motors.		
23 05 13 00-0198	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,602.30	
23 05 13 00-0199	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,659.42	
23 05 13 00-0200	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,809.73	
23 05 13 00-0201	EA	3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,236.61	
23 05 13 00-0202	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,480.12	
23 05 13 00-0203	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,418.05	
23 05 13 00-0204	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,488.70	
23 05 13 00-0205	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	4,722.74	
23 05 13 00-0206	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	5,384.10	
23 05 13 00-0207	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	7,073.59	
23 05 13 00-0208	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	7,939.37	
23 05 13 00-0209	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	10,381.91	
23 05 13 00-0210	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	11,692.61	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0211	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	16,356.73	
23 05 13 00-0212	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	19,202.10	
23 05 13 00-0213	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	23,391.24	
23 05 13 00-0214	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	30,573.05	
23 05 13 00-0215	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	34,883.94	
23 05 13 00-0216		Motor Mounting *(23 05 13)*		
		Note: Includes handling and motor installation on mounting base. Excludes mounting base.		
23 05 13 00-0217	EA	1/2 HP Motor Mounting	190.18	96.76
23 05 13 00-0218	EA	3/4 HP Motor Mounting	219.12	120.96
23 05 13 00-0219	EA	1 HP Motor Mounting	234.41	120.96
23 05 13 00-0220	EA	1-1/2 HP Motor Mounting	251.99	120.96
23 05 13 00-0221	EA	2 HP Motor Mounting	272.41	145.14
23 05 13 00-0222	EA	3 HP Motor Mounting	314.98	145.14
23 05 13 00-0223	EA	5 HP Motor Mounting	373.32	241.91
23 05 13 00-0224	EA	7-1/2 HP Motor Mounting	479.97	241.91
23 05 13 00-0225	EA	10 HP Motor Mounting	629.97	423.34
23 05 13 00-0226	EA	15 HP Motor Mounting	775.34	423.34
23 05 13 00-0227	EA	20 HP Motor Mounting	916.31	604.77
23 05 13 00-0228	EA	25 HP Motor Mounting	1,039.11	604.77
23 05 13 00-0229	EA	30 HP Motor Mounting	1,259.93	604.77
23 05 13 00-0230	EA	40 HP Motor Mounting	1,419.63	907.15
23 05 13 00-0231	EA	50 HP Motor Mounting	1,574.91	907.15
23 05 13 00-0232	EA	75 HP Motor Mounting	1,901.78	1,330.49
23 05 13 00-0233	EA	100 HP Motor Mounting	2,290.77	1,330.49
23 05 13 00-0234	EA	125 HP Motor Mounting	2,799.84	1,814.30
23 05 13 00-0235	EA	150 HP Motor Mounting	3,251.43	1,814.30
23 05 13 00-0236	EA	200 HP Motor Mounting	3,733.12	2,177.15
23 05 13 00-0237		Motor Couplings *(23 05 13)*		
23 05 13 00-0238	EA	5 To 15 HP, MGD Coupling (MagnaDrive MGE-07)	4,843.58	65.95
23 05 13 00-0239	EA	>15 To 50 HP, MGD Coupling (MagnaDrive MGE-11)	6,306.34	98.94
23 05 13 00-0240	EA	>50 To 100 HP, MGD Coupling (MagnaDrive MGE-15)	10,991.42	131.92

23 05 16 Expansion Fittings and Loops for HVAC Piping *(23 05)*

23 05 16 00-0001		Stainless Steel Bellows Type Expansion Joints *(23 05 16)*		
		Note: Includes internal sleeves and external covers.		
23 05 16 00-0002		Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*		
		Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0003	EA	1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	285.44	87.46
		For 300 LB Rating, Add	*27.61*	
23 05 16 00-0004	EA	3/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	318.10	98.63
		For 300 LB Rating, Add	*30.24*	
23 05 16 00-0005	EA	1" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	383.79	113.06
		For 300 LB Rating, Add	*39.44*	
23 05 16 00-0006	EA	1-1/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	441.41	126.19
		For 300 LB Rating, Add	*47.33*	
23 05 16 00-0007	EA	1-1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	481.48	135.63
		For 300 LB Rating, Add	*52.56*	
23 05 16 00-0008	EA	2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	539.87	159.60
		For 300 LB Rating, Add	*55.19*	
23 05 16 00-0009		Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*		
		Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0010	EA	1-1/4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	514.26	87.44
		For 300 LB Rating, Add	*101.41*	
23 05 16 00-0011	EA	1-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	563.64	104.93
		For 300 LB Rating, Add	*108.04*	
23 05 16 00-0012	EA	2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	598.79	133.22
		For 300 LB Rating, Add	*108.06*	
23 05 16 00-0013	EA	2-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	645.95	144.91
		For 300 LB Rating, Add	*116.06*	
23 05 16 00-0014	EA	3" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	714.30	169.90
		For 300 LB Rating, Add	*125.42*	
23 05 16 00-0015	EA	4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	898.06	284.82
		For 300 LB Rating, Add	*135.29*	
23 05 16 00-0016	EA	5" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,195.58	311.49
		For 300 LB Rating, Add	*201.71*	
23 05 16 00-0017	EA	6" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,125.15	346.10
		For 300 LB Rating, Add	*172.75*	
23 05 16 00-0018	EA	8" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,445.00	442.24
		For 300 LB Rating, Add	*223.91*	
23 05 16 00-0019	EA	10" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,831.52	538.37
		For 300 LB Rating, Add	*289.64*	
23 05 16 00-0020	EA	12" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,388.16	407.82
		For 300 LB Rating, Add	*392.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0021	EA	14" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	3,020.72	769.11
		For 300 LB Rating, Add	*514.84*	
23 05 16 00-0022	EA	16" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	3,856.94	846.01
		For 300 LB Rating, Add	*699.86*	
23 05 16 00-0023		Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*		
		Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0024	EA	1-1/4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	565.57	119.93
		For 300 LB Rating, Add	*81.45*	
23 05 16 00-0025	EA	1-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	588.96	120.92
		For 300 LB Rating, Add	*86.78*	
23 05 16 00-0026	EA	2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	597.25	124.92
		For 300 LB Rating, Add	*86.79*	
23 05 16 00-0027	EA	2-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	645.63	136.21
		For 300 LB Rating, Add	*93.22*	
23 05 16 00-0028	EA	3" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	724.49	160.19
		For 300 LB Rating, Add	*100.94*	
23 05 16 00-0029	EA	4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,071.99	319.00
		For 300 LB Rating, Add	*108.66*	
23 05 16 00-0030	EA	5" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,297.61	325.62
		For 300 LB Rating, Add	*162.01*	
23 05 16 00-0031	EA	6" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,275.51	360.52
		For 300 LB Rating, Add	*138.75*	
23 05 16 00-0032	EA	8" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,542.07	411.95
		For 300 LB Rating, Add	*179.84*	
23 05 16 00-0033	EA	10" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,937.97	504.72
		For 300 LB Rating, Add	*232.64*	
23 05 16 00-0034	EA	12" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,485.76	611.82
		For 300 LB Rating, Add	*315.55*	
23 05 16 00-0035	EA	14" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,964.32	622.98
		For 300 LB Rating, Add	*429.52*	
23 05 16 00-0036	EA	16" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	3,893.32	778.71
		For 300 LB Rating, Add	*583.88*	
23 05 16 00-0037		Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joints *(23 05 16)*		
23 05 16 00-0038		Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joints *(23 05 16 00-0037)*		
23 05 16 00-0039	EA	2" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	766.19	133.22
23 05 16 00-0040	EA	2-1/2" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	825.76	144.91
23 05 16 00-0041	EA	3" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	908.61	169.90
23 05 16 00-0042	EA	4" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,107.64	284.82
23 05 16 00-0043	EA	5" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,508.07	311.49
23 05 16 00-0044	EA	6" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,392.77	346.10
23 05 16 00-0045	EA	8" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,791.89	442.24
23 05 16 00-0046	EA	10" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	2,280.24	538.37
23 05 16 00-0047	EA	12" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	2,996.80	408.30
23 05 16 00-0048	EA	14" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	3,818.33	769.11
23 05 16 00-0049	EA	16" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	4,941.18	846.01
23 05 16 00-0050	EA	18" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	6,462.74	938.31
23 05 16 00-0051	EA	20" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	7,530.22	1,057.52
23 05 16 00-0052	EA	24" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	8,666.20	1,297.87
23 05 16 00-0053	EA	30" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	11,274.63	2,115.04
23 05 16 00-0054	EA	36" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	14,438.90	2,820.05
23 05 16 00-0055		Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joints *(23 05 16)*		
23 05 16 00-0056		Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joints *(23 05 16 00-0055)*		
23 05 16 00-0057	EA	2" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	1,486.55	133.22
23 05 16 00-0058	EA	2-1/2" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	1,599.49	144.91
23 05 16 00-0059	EA	3" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	1,744.71	169.90
23 05 16 00-0060	EA	4" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	2,009.51	284.82
23 05 16 00-0061	EA	5" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	2,852.74	311.49
23 05 16 00-0062	EA	6" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	2,544.38	346.10
23 05 16 00-0063	EA	8" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	3,284.58	442.24
23 05 16 00-0064	EA	10" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	4,211.12	538.37
23 05 16 00-0065	EA	12" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	5,615.83	408.30
23 05 16 00-0066	EA	14" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	7,250.48	769.11
23 05 16 00-0067	EA	16" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	9,606.76	846.01
23 05 16 00-0068	EA	18" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	12,817.65	938.31
23 05 16 00-0069	EA	20" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	14,988.50	1,057.52
23 05 16 00-0070	EA	24" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	17,128.26	1,297.87
23 05 16 00-0071	EA	30" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	21,643.16	2,115.04
23 05 16 00-0072	EA	36" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	27,550.07	2,820.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0073		Neoprene Bellows Type Expansion Joints *(23 05 16)*		
23 05 16 00-0074		Flanged, 150 LB, Neoprene Bellows Type Expansion Joints *(23 05 16 00-0073)*		
		Note: Cast iron ends.		
23 05 16 00-0075	EA	2" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	741.14	133.22
23 05 16 00-0076	EA	2-1/2" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	788.20	144.91
23 05 16 00-0077	EA	3" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	827.11	169.90
23 05 16 00-0078	EA	4" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,043.23	284.82
23 05 16 00-0079	EA	5" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,226.69	311.49
23 05 16 00-0080	EA	6" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,285.40	346.10
23 05 16 00-0081	EA	8" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,560.20	442.24
23 05 16 00-0082	EA	10" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,763.60	538.37
23 05 16 00-0083	EA	12" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,987.14	408.10
23 05 16 00-0084	EA	14" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	2,517.54	769.11
23 05 16 00-0085	EA	16" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	3,172.30	846.01
23 05 16 00-0086	EA	18" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	4,045.79	938.31
23 05 16 00-0087	EA	20" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	4,713.53	1,057.52
23 05 16 00-0088	EA	24" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	5,466.17	1,297.87
23 05 16 00-0089	EA	30" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	7,338.88	2,115.04
23 05 16 00-0090	EA	36" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	9,470.39	2,820.05
23 05 16 00-0091		Tube And Cover Expansion Joints *(23 05 16)*		
		Note: Carbon steel split backup rings.		
23 05 16 00-0092		Flanged, 150 LB, Tube And Cover Expansion Joints *(23 05 16 00-0091)*		
23 05 16 00-0093		Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joints *(23 05 16 00-0092)*		
23 05 16 00-0094	EA	1" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	428.30	74.95
23 05 16 00-0095	EA	1-1/4" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	409.30	87.44
23 05 16 00-0096	EA	1-1/2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	487.84	104.93
23 05 16 00-0097	EA	2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	567.46	133.22
23 05 16 00-0098	EA	2-1/2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	638.28	144.91
23 05 16 00-0099	EA	3" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	720.83	184.46
23 05 16 00-0100	EA	4" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	955.45	309.23
23 05 16 00-0101	EA	5" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,062.38	351.55
23 05 16 00-0102	EA	6" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,180.28	346.10
23 05 16 00-0103	EA	8" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,527.42	393.41
23 05 16 00-0104	EA	10" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	2,265.41	538.37
23 05 16 00-0105	EA	12" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	2,864.73	653.74
23 05 16 00-0106	EA	14" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	3,210.85	769.11
23 05 16 00-0107	EA	16" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	3,585.39	846.01
23 05 16 00-0108	EA	18" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	3,901.20	938.31
23 05 16 00-0109	EA	20" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	4,684.97	1,057.52
23 05 16 00-0110	EA	24" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	5,686.97	1,297.87
23 05 16 00-0111	EA	30" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	8,144.98	2,115.04
23 05 16 00-0112	EA	36" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	9,783.50	2,820.05
23 05 16 00-0113		Flanged, 150 LB, Rubber Tube And Cover Expansion Joints *(23 05 16 00-0092)*		
23 05 16 00-0114	EA	1" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	406.03	74.95
23 05 16 00-0115	EA	1-1/4" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	387.03	87.44
23 05 16 00-0116	EA	1-1/2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	465.57	104.93
23 05 16 00-0117	EA	2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	545.18	133.22
23 05 16 00-0118	EA	2-1/2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	616.00	144.91
23 05 16 00-0119	EA	3" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	698.56	184.46
23 05 16 00-0120	EA	4" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	922.04	309.23
23 05 16 00-0121	EA	5" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	1,028.97	351.55
23 05 16 00-0122	EA	6" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	1,146.87	346.10
23 05 16 00-0123	EA	8" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	1,529.33	442.24
23 05 16 00-0124	EA	10" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	2,142.91	538.37
23 05 16 00-0125	EA	12" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	2,753.37	653.74
23 05 16 00-0126	EA	14" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	3,088.36	769.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0127	EA	16" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	3,462.90	846.01
23 05 16 00-0128	EA	18" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	3,767.57	938.31
23 05 16 00-0129	EA	20" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	4,529.07	1,057.52
23 05 16 00-0130	EA	24" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	5,497.66	1,297.87
23 05 16 00-0131	EA	30" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	7,599.32	2,115.04
23 05 16 00-0132	EA	36" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	9,471.69	2,820.05
23 05 16 00-0133		**Flanged, 125 LB, Buna-N Tube And Cover Expansion Joints** *(23 05 16 00-0092)*		
23 05 16 00-0134	EA	2" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	556.32	133.22
23 05 16 00-0135	EA	3" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	690.21	184.46
23 05 16 00-0136	EA	4" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	910.90	309.23
23 05 16 00-0137	EA	6" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,052.22	346.10
23 05 16 00-0138	EA	8" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,306.61	442.24
23 05 16 00-0139	EA	10" x 8" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,619.52	538.37
23 05 16 00-0140	EA	12" x 8" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,934.88	653.74
23 05 16 00-0141		**Flanged, Tube And Cover Expansion Joints (Mercer 501)** *(23 05 16 00-0091)*		
23 05 16 00-0142		**Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joints (501EE)** *(23 05 16 00-0141)*		
23 05 16 00-0143	EA	1-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	821.92	104.93
23 05 16 00-0144	EA	2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	912.67	133.22
23 05 16 00-0145	EA	2-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	950.08	144.91
23 05 16 00-0146	EA	3" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,077.19	184.46
23 05 16 00-0147	EA	4" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,367.48	309.23
23 05 16 00-0148	EA	5" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,507.82	351.55
23 05 16 00-0149	EA	6" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,603.45	346.10
23 05 16 00-0150	EA	8" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,141.81	442.24
23 05 16 00-0151	EA	10" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,644.03	538.37
23 05 16 00-0152	EA	12" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	3,054.05	653.74
23 05 16 00-0153	EA	14" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	3,500.39	769.11
23 05 16 00-0154	EA	16" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	3,819.25	846.01
23 05 16 00-0155	EA	18" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	4,179.60	938.31
23 05 16 00-0156	EA	20" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	4,907.69	1,057.52
23 05 16 00-0157	EA	24" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	6,021.05	1,297.87
23 05 16 00-0158	EA	30" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	8,690.65	2,115.04
23 05 16 00-0159	EA	36" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	10,785.74	2,820.05
23 05 16 00-0160	EA	42" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	14,107.31	4,230.08
23 05 16 00-0161	EA	48" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	16,732.12	5,287.60
23 05 16 00-0162	EA	60" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	22,312.94	7,614.14
23 05 16 00-0163		**Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 501RR)** *(23 05 16 00-0141)*		
23 05 16 00-0164	EA	1-1/2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	777.38	104.93
23 05 16 00-0165	EA	2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	856.99	133.22
23 05 16 00-0166	EA	2-1/2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	894.40	144.91
23 05 16 00-0167	EA	3" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,010.37	184.46
23 05 16 00-0168	EA	4" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,289.53	309.23
23 05 16 00-0169	EA	5" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,429.86	351.55
23 05 16 00-0170	EA	6" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,514.36	346.10
23 05 16 00-0171	EA	8" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,019.31	442.24
23 05 16 00-0172	EA	10" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,499.26	538.37
23 05 16 00-0173	EA	12" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,887.01	653.74
23 05 16 00-0174	EA	14" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	3,311.08	769.11
23 05 16 00-0175	EA	16" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	3,618.80	846.01
23 05 16 00-0176	EA	18" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	3,945.74	938.31
23 05 16 00-0177	EA	20" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	4,640.43	1,057.52
23 05 16 00-0178	EA	24" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	5,698.11	1,297.87
23 05 16 00-0179	EA	30" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	8,234.07	2,115.04
23 05 16 00-0180	EA	36" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	10,240.08	2,820.05
23 05 16 00-0181		**Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)** *(23 05 16 00-0141)* Note: 501BB, 501NN or 501NiNi.		
23 05 16 00-0182	EA	1-1/2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	821.92	104.93
23 05 16 00-0183	EA	2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	923.81	133.22
23 05 16 00-0184	EA	2-1/2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	950.08	144.91
23 05 16 00-0185	EA	3" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,077.19	184.46
23 05 16 00-0186	EA	4" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,367.48	309.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0187	EA	5" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,507.82	351.55
23 05 16 00-0188	EA	6" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,614.59	346.10
23 05 16 00-0189	EA	8" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,141.81	442.24
23 05 16 00-0190	EA	10" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,644.03	538.37
23 05 16 00-0191	EA	12" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	3,054.05	653.74
23 05 16 00-0192	EA	14" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	3,500.39	769.11
23 05 16 00-0193	EA	16" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	3,819.25	846.01
23 05 16 00-0194	EA	18" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	4,179.60	938.31
23 05 16 00-0195	EA	20" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	4,907.69	1,057.52
23 05 16 00-0196	EA	24" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	6,021.05	1,297.87
23 05 16 00-0197	EA	30" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	8,690.65	2,115.04
23 05 16 00-0198	EA	36" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	10,785.74	2,820.05
23 05 16 00-0199		Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joints (Mercer 501NNFA) *(23 05 16 00-0141)*		
23 05 16 00-0200	EA	1-1/2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	855.33	104.93
23 05 16 00-0201	EA	2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	946.08	133.22
23 05 16 00-0202	EA	2-1/2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	983.49	144.91
23 05 16 00-0203	EA	3" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,121.73	184.46
23 05 16 00-0204	EA	4" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,423.16	309.23
23 05 16 00-0205	EA	5" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,563.50	351.55
23 05 16 00-0206	EA	6" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,670.27	346.10
23 05 16 00-0207	EA	8" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,219.76	442.24
23 05 16 00-0208	EA	10" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,744.26	538.37
23 05 16 00-0209	EA	12" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	3,176.54	653.74
23 05 16 00-0210	EA	14" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	3,622.88	769.11
23 05 16 00-0211	EA	16" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	3,964.02	846.01
23 05 16 00-0212	EA	18" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	4,324.37	938.31
23 05 16 00-0213	EA	20" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	5,085.87	1,057.52
23 05 16 00-0214	EA	24" x 10" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	6,254.91	1,297.87
23 05 16 00-0215		Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E) *(23 05 16 00-0141)*		
		Note: Kevlar reinforcement for high temperature.		
23 05 16 00-0216	EA	1-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,066.91	104.93
23 05 16 00-0217	EA	2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,124.26	133.22
23 05 16 00-0218	EA	2-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,217.35	144.91
23 05 16 00-0219	EA	3" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,311.04	184.46
23 05 16 00-0220	EA	4" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,801.78	309.23
23 05 16 00-0221	EA	5" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,964.39	351.55
23 05 16 00-0222	EA	6" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	2,026.62	346.10
23 05 16 00-0223	EA	8" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	2,397.94	442.24
23 05 16 00-0224	EA	10" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	2,844.48	538.37
23 05 16 00-0225	EA	12" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	3,443.81	653.74
23 05 16 00-0226	EA	14" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	4,068.32	769.11
23 05 16 00-0227	EA	16" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	4,743.54	846.01
23 05 16 00-0228	EA	18" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	5,270.93	938.31
23 05 16 00-0229	EA	20" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	6,221.74	1,057.52
23 05 16 00-0230	EA	24" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	8,114.62	1,297.87
23 05 16 00-0231		Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 800) *(23 05 16 00-0091)*		
23 05 16 00-0232		2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802) *(23 05 16 00-0231)*		
23 05 16 00-0233	EA	1" x 1-3/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	495.12	74.95
23 05 16 00-0234	EA	1-1/2" x 1-3/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	561.80	80.45
23 05 16 00-0235	EA	2" x 1-5/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	756.77	83.25
23 05 16 00-0236	EA	2-1/2" x 2-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	972.54	90.94
23 05 16 00-0237	EA	3" x 2-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,318.75	180.55
23 05 16 00-0238	EA	4" x 2-5/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,776.71	231.33
23 05 16 00-0239	EA	5" x 3-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	2,163.83	252.27
23 05 16 00-0240	EA	6" x 2-3/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	2,407.22	240.34
23 05 16 00-0241	EA	8" x 4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	3,322.22	274.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0242	EA	10" x 5-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	4,305.97	326.68
23 05 16 00-0243	EA	12" x 6" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	5,974.07	409.06
23 05 16 00-0244		3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803) *(23 05 16 00-0231)*		
23 05 16 00-0245	EA	1" x 1-3/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	550.80	74.95
23 05 16 00-0246	EA	1-1/2" x 2" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	617.46	80.45
23 05 16 00-0247	EA	2" x 2-3/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	845.86	83.25
23 05 16 00-0248	EA	2-1/2" x 3-1/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	1,095.03	90.94
23 05 16 00-0249	EA	3" x 3-5/8" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	1,452.38	180.55
23 05 16 00-0250	EA	4" x 3-5/8" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	1,977.16	231.33
23 05 16 00-0251	EA	5" x 4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	2,408.83	252.27
23 05 16 00-0252	EA	6" x 4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	2,707.89	240.34
23 05 16 00-0253	EA	8" x 6" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	3,734.26	274.67
23 05 16 00-0254	EA	10" x 6" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	4,851.63	326.68
23 05 16 00-0255	EA	12" x 7" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	6,742.45	409.06
23 05 16 00-0256		5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805) *(23 05 16 00-0231)*		
23 05 16 00-0257	EA	1" x 3" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	606.48	74.95
23 05 16 00-0258	EA	1-1/2" x 3-1/2" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	773.38	80.45
23 05 16 00-0259	EA	2" x 4" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	990.62	83.25
23 05 16 00-0260	EA	2-1/2" x 4" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	1,317.75	90.94
23 05 16 00-0261	EA	3" x 5" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	1,764.19	180.55
23 05 16 00-0262	EA	4" x 5-1/4" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	2,277.83	231.33
23 05 16 00-0263	EA	5" x 6" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	2,999.03	252.27
23 05 16 00-0264	EA	6" x 6" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	3,209.01	240.34
23 05 16 00-0265	EA	8" x 8" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	4,858.99	274.67
23 05 16 00-0266	EA	10" x 8" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	6,466.35	326.68
23 05 16 00-0267	EA	12" x 9" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	8,089.91	409.06
23 05 16 00-0268		Mercer Rubber, Series 450 *(23 05 16 00-0091)*		
23 05 16 00-0269		Expansion Joints, 2 Arch (452) *(23 05 16 00-0268)*		
23 05 16 00-0270	EA	1-1/2" x 12" Expansion Joints, 2 Arch	609.12	80.45
23 05 16 00-0271	EA	2" x 12" Expansion Joints, 2 Arch	681.60	83.25
23 05 16 00-0272	EA	2-1/2" x 12" Expansion Joints, 2 Arch	755.38	90.94
23 05 16 00-0273	EA	3" x 12" Expansion Joints, 2 Arch	1,009.72	180.55
23 05 16 00-0274	EA	4" x 12" Expansion Joints, 2 Arch	1,155.88	231.33
23 05 16 00-0275	EA	6" x 12" Expansion Joints, 2 Arch	1,288.05	240.34
23 05 16 00-0276	EA	8" x 12" Expansion Joints, 2 Arch	1,445.81	274.67
23 05 16 00-0277	EA	10" x 14" Expansion Joints, 2 Arch	1,950.70	326.68
23 05 16 00-0278	EA	12" x 14" Expansion Joints, 2 Arch	2,294.21	409.36
23 05 16 00-0279	EA	14" x 14" Expansion Joints, 2 Arch	2,681.57	415.13
23 05 16 00-0280	EA	16" x 14" Expansion Joints, 2 Arch	3,234.70	517.70
23 05 16 00-0281	EA	18" x 14" Expansion Joints, 2 Arch	3,610.87	587.41
23 05 16 00-0282	EA	20" x 14" Expansion Joints, 2 Arch	4,092.22	661.04
23 05 16 00-0283	EA	24" x 16" Expansion Joints, 2 Arch	4,894.37	811.60
23 05 16 00-0284		Mercer Rubber, Series 502 And 701 *(23 05 16 00-0091)*		
23 05 16 00-0285		2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR) *(23 05 16 00-0284)*		
		Note: Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0286	EA	1-1/2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	977.83	105.19
23 05 16 00-0287	EA	2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,035.17	133.25
23 05 16 00-0288	EA	2-1/2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,105.99	145.36
23 05 16 00-0289	EA	3" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,177.41	184.69
23 05 16 00-0290	EA	4" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,501.11	310.01
23 05 16 00-0291	EA	5" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,775.08	351.00
23 05 16 00-0292	EA	6" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,837.31	347.34
23 05 16 00-0293	EA	8" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	2,186.35	442.24
23 05 16 00-0294	EA	10" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	2,566.08	538.37
23 05 16 00-0295	EA	12" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	2,989.62	409.06
23 05 16 00-0296	EA	14" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	3,689.70	769.11
23 05 16 00-0297	EA	16" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	4,298.10	846.01
23 05 16 00-0298	EA	18" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	4,758.67	938.31
23 05 16 00-0299	EA	20" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	5,397.68	1,057.52
23 05 16 00-0300	EA	24" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	6,433.08	1,297.87
23 05 16 00-0301	EA	30" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	9,481.30	2,115.04
23 05 16 00-0302	EA	36" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	11,877.07	2,820.05
23 05 16 00-0303	EA	42" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	15,822.26	4,230.08
23 05 16 00-0304	EA	48" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	18,680.92	5,287.60
23 05 16 00-0305	EA	60" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	25,330.80	7,614.14

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0306		**2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)** *(23 05 16 00-0284)*		
		Note: Butyl 502B, Neoprene 502N. Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0307	EA	1-1/2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,066.91	105.19
23 05 16 00-0308	EA	2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,124.26	133.25
23 05 16 00-0309	EA	2-1/2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,206.21	145.36
23 05 16 00-0310	EA	3" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,277.63	184.69
23 05 16 00-0311	EA	4" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,590.20	310.01
23 05 16 00-0312	EA	5" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,908.71	351.00
23 05 16 00-0313	EA	6" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,948.67	347.34
23 05 16 00-0314	EA	8" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	2,353.39	442.24
23 05 16 00-0315	EA	10" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	2,744.26	538.37
23 05 16 00-0316	EA	12" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	3,178.93	409.06
23 05 16 00-0317	EA	14" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	3,945.83	769.11
23 05 16 00-0318	EA	16" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	4,598.77	846.01
23 05 16 00-0319	EA	18" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	5,092.75	938.31
23 05 16 00-0320	EA	20" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	5,776.30	1,057.52
23 05 16 00-0321	EA	24" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	6,878.52	1,297.87
23 05 16 00-0322	EA	30" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	10,138.33	2,115.04
23 05 16 00-0323	EA	36" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	12,656.59	2,820.05
23 05 16 00-0324	EA	42" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	16,824.50	4,230.08
23 05 16 00-0325	EA	48" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	19,839.07	5,287.60
23 05 16 00-0326	EA	60" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	26,912.11	7,614.14
23 05 16 00-0327		**2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joints (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)** *(23 05 16 00-0284)*		
		Note: Nitrile 502Ni, Nitrile/Neoprene 502NiN, Ethylene Propylene Diene Monomer (EPDM) 502E, Neoprene/Natural 502NR or Natural/Neoprene 502RN. Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0328	EA	1-1/2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,100.32	105.19
23 05 16 00-0329	EA	2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,191.07	133.25
23 05 16 00-0330	EA	2-1/2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,261.89	145.36
23 05 16 00-0331	EA	3" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,344.45	184.69
23 05 16 00-0332	EA	4" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,679.29	310.01
23 05 16 00-0333	EA	5" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,975.53	351.00
23 05 16 00-0334	EA	6" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,060.03	347.34
23 05 16 00-0335	EA	8" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,442.48	442.24
23 05 16 00-0336	EA	10" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,855.62	538.37
23 05 16 00-0337	EA	12" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	3,312.56	409.06
23 05 16 00-0338	EA	14" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	4,079.46	769.11
23 05 16 00-0339	EA	16" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	4,776.94	846.01
23 05 16 00-0340	EA	18" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	5,293.20	938.31
23 05 16 00-0341	EA	20" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	6,043.56	1,057.52
23 05 16 00-0342	EA	24" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	7,123.51	1,297.87
23 05 16 00-0343	EA	30" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	10,171.74	2,115.04
23 05 16 00-0344	EA	36" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	13,102.03	2,820.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0345	EA	42" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	17,448.11	4,230.08
23 05 16 00-0346	EA	48" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	20,529.50	5,287.60
23 05 16 00-0347	EA	60" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	27,847.54	7,614.14
23 05 16 00-0348		2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joints (Mercer 502H, 502HN Or 502NH) *(23 05 16 00-0284)* Note: Hypalon 502H, Hypalon/Neoprene 502HN Or Neoprene/Hypalon 502NH. Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0349	EA	1-1/2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,156.00	105.19
23 05 16 00-0350	EA	2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,213.34	133.25
23 05 16 00-0351	EA	2-1/2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,295.30	145.36
23 05 16 00-0352	EA	3" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,400.13	184.69
23 05 16 00-0353	EA	4" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,723.83	310.01
23 05 16 00-0354	EA	5" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,064.62	351.00
23 05 16 00-0355	EA	6" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,149.11	347.34
23 05 16 00-0356	EA	8" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,531.57	442.24
23 05 16 00-0357	EA	10" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,966.98	538.37
23 05 16 00-0358	EA	12" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	3,468.47	409.06
23 05 16 00-0359	EA	14" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	4,235.36	769.11
23 05 16 00-0360	EA	16" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	4,977.39	846.01
23 05 16 00-0361	EA	18" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	5,515.92	938.31
23 05 16 00-0362	EA	20" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	6,288.56	1,057.52
23 05 16 00-0363	EA	24" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	7,379.64	1,297.87
23 05 16 00-0364	EA	30" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	10,906.71	2,115.04
23 05 16 00-0365	EA	36" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	13,636.56	2,820.05
23 05 16 00-0366	EA	42" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	18,071.73	4,230.08
23 05 16 00-0367	EA	48" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	21,064.03	5,287.60
23 05 16 00-0368	EA	60" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	28,560.24	7,614.14
23 05 16 00-0369		2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V) *(23 05 16 00-0284)* Note: Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0370	EA	1-1/2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,445.54	105.19
23 05 16 00-0371	EA	2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,569.70	133.25
23 05 16 00-0372	EA	2-1/2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,673.92	145.36
23 05 16 00-0373	EA	3" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	2,224.19	184.69
23 05 16 00-0374	EA	4" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	2,904.25	310.01
23 05 16 00-0375	EA	5" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	3,556.84	351.00
23 05 16 00-0376	EA	6" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	3,864.06	347.34
23 05 16 00-0377	EA	8" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	4,981.49	442.24
23 05 16 00-0378	EA	10" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	6,597.31	538.37
23 05 16 00-0379	EA	12" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	7,544.24	409.06
23 05 16 00-0380	EA	14" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	8,678.63	769.11
23 05 16 00-0381	EA	16" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	10,634.48	846.01
23 05 16 00-0382	EA	18" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	11,796.62	938.31
23 05 16 00-0383	EA	20" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	13,861.04	1,057.52
23 05 16 00-0384	EA	24" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	18,192.70	1,297.87
23 05 16 00-0385	EA	30" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	30,483.80	2,115.04
23 05 16 00-0386	EA	36" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	38,269.39	2,820.05
23 05 16 00-0387	EA	42" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	50,054.32	4,230.08
23 05 16 00-0388	EA	48" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	58,503.26	5,287.60
23 05 16 00-0389	EA	60" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	77,447.28	7,614.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0390		**Teflon Lined Expansion Joints (Mercer 701)** *(23 05 16 00-0284)* Note: Natural rubber, neoprene, butyl, ethylene propylene diene monomer (EPDM) Or nitrile. Includes baked enamel coated ductile iron backer rings. Series 701.		
23 05 16 00-0391	EA	1-1/2" Teflon Lined Expansion Joint (Mercer 701)	957.10	80.45
		For Hypalon Tube And Cover, Add	*15.92*	
		For Viton Tube And Cover, Add	*796.22*	
23 05 16 00-0392	EA	2" Teflon Lined Expansion Joint (Mercer 701)	1,118.69	83.25
		For Hypalon Tube And Cover, Add	*19.04*	
		For Viton Tube And Cover, Add	*952.13*	
23 05 16 00-0393	EA	2-1/2" Teflon Lined Expansion Joint (Mercer 701)	1,275.95	90.94
		For Hypalon Tube And Cover, Add	*21.88*	
		For Viton Tube And Cover, Add	*1,094.11*	
23 05 16 00-0394	EA	3" Teflon Lined Expansion Joint (Mercer 701)	1,575.01	180.55
		For Hypalon Tube And Cover, Add	*24.28*	
		For Viton Tube And Cover, Add	*1,213.82*	
23 05 16 00-0395	EA	4" Teflon Lined Expansion Joint (Mercer 701)	1,932.84	231.44
		For Hypalon Tube And Cover, Add	*29.40*	
		For Viton Tube And Cover, Add	*1,469.95*	
23 05 16 00-0396	EA	5" Teflon Lined Expansion Joint (Mercer 701)	2,299.87	252.05
		For Hypalon Tube And Cover, Add	*35.91*	
		For Viton Tube And Cover, Add	*1,795.68*	
23 05 16 00-0397	EA	6" Teflon Lined Expansion Joint (Mercer 701)	2,423.92	240.34
		For Hypalon Tube And Cover, Add	*38.86*	
		For Viton Tube And Cover, Add	*1,943.23*	
23 05 16 00-0398	EA	8" Teflon Lined Expansion Joint (Mercer 701)	2,909.75	274.48
		For Hypalon Tube And Cover, Add	*47.22*	
		For Viton Tube And Cover, Add	*2,360.83*	
23 05 16 00-0399	EA	10" Teflon Lined Expansion Joint (Mercer 701)	3,668.43	326.68
		For Hypalon Tube And Cover, Add	*60.30*	
		For Viton Tube And Cover, Add	*3,015.07*	
23 05 16 00-0400	EA	12" Teflon Lined Expansion Joint (Mercer 701)	4,691.23	409.36
		For Hypalon Tube And Cover, Add	*77.45*	
		For Viton Tube And Cover, Add	*3,872.54*	
23 05 16 00-0401	EA	14" Teflon Lined Expansion Joint (Mercer 701)	5,274.08	415.41
		For Hypalon Tube And Cover, Add	*88.87*	
		For Viton Tube And Cover, Add	*4,443.26*	
23 05 16 00-0402	EA	16" Teflon Lined Expansion Joint (Mercer 701)	6,547.66	517.70
		For Hypalon Tube And Cover, Add	*110.25*	
		For Viton Tube And Cover, Add	*5,512.32*	
23 05 16 00-0403	EA	18" Teflon Lined Expansion Joint (Mercer 701)	7,292.96	588.27
		For Hypalon Tube And Cover, Add	*122.33*	
		For Viton Tube And Cover, Add	*6,116.45*	
23 05 16 00-0404	EA	20" Teflon Lined Expansion Joint (Mercer 701)	8,538.46	659.79
		For Hypalon Tube And Cover, Add	*144.38*	
		For Viton Tube And Cover, Add	*7,218.91*	
23 05 16 00-0405	EA	24" Teflon Lined Expansion Joint (Mercer 701)	11,163.50	812.76
		For Hypalon Tube And Cover, Add	*190.76*	
		For Viton Tube And Cover, Add	*9,537.98*	
23 05 16 00-0406		**Accessories For Mercer Rubber, Series 451 And 501** *(23 05 16 00-0091)*		
23 05 16 00-0407		**Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints** *(23 05 16 00-0406)*		
23 05 16 00-0408	EA	1-1/2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	42.32	
23 05 16 00-0409	EA	2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	53.45	
23 05 16 00-0410	EA	2-1/2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	60.13	
23 05 16 00-0411	EA	3" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	64.59	
23 05 16 00-0412	EA	4" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	95.77	
23 05 16 00-0413	EA	5" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	118.04	
23 05 16 00-0414	EA	6" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	129.18	
23 05 16 00-0415	EA	8" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	142.54	
23 05 16 00-0416	EA	10" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	182.63	
23 05 16 00-0417	EA	12" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	216.04	
23 05 16 00-0418	EA	14" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	289.54	
23 05 16 00-0419	EA	16" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	311.81	
23 05 16 00-0420	EA	18" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	334.08	
23 05 16 00-0421	EA	20" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	367.49	
23 05 16 00-0422	EA	24" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	456.58	
23 05 16 00-0423	EA	30" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	567.94	
23 05 16 00-0424	EA	36" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	690.43	
23 05 16 00-0425	EA	42" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	979.97	
23 05 16 00-0426	EA	48" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	1,169.28	
23 05 16 00-0427		**Control Rods For Mercer 451 And 501 Expansion Joints** *(23 05 16 00-0406)*		
23 05 16 00-0428	SET	1-1/2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	207.48	
23 05 16 00-0429	SET	2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	262.41	
23 05 16 00-0430	SET	2-1/2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	305.12	
23 05 16 00-0431	SET	3" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	366.15	
23 05 16 00-0432	SET	4" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	366.15	
23 05 16 00-0433	SET	5" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	396.66	
23 05 16 00-0434	SET	6" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	457.69	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0435	SET	8" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	671.27	
23 05 16 00-0436	SET	10" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3	1,312.03	
23 05 16 00-0437	SET	12" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3	1,800.23	
23 05 16 00-0438	SET	14" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4	2,685.09	
23 05 16 00-0439	SET	16" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4	3,020.73	
23 05 16 00-0440	SET	18" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	4,027.64	
23 05 16 00-0441	SET	20" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	4,302.25	
23 05 16 00-0442	SET	24" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	4,851.47	
23 05 16 00-0443	SET	30" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	7,109.39	
23 05 16 00-0444	SET	36" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	10,465.75	
23 05 16 00-0445	SET	42" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3	7,078.88	
23 05 16 00-0446	SET	48" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4	9,306.28	
23 05 16 00-0447	SET	60" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4	14,523.90	

23 05 17 Sleeves and Sleeve Seals for HVAC Piping *(23 05)*

23 05 17 00-0001 Wall Seals And Sleeves *(23 05 17)*

Note: Up to 12" walls. Excludes drilling hole.

23 05 17 00-0002 Ductile Iron Wall Sleeve *(23 05 17 00-0001)*

Note: Includes rubber gasket seal.

23 05 17 00-0003	EA	3" Ductile Iron Wall Sleeve With Rubber Gasket Seal	117.20	47.54
23 05 17 00-0004	EA	4" Ductile Iron Wall Sleeve With Rubber Gasket Seal	144.57	55.53
23 05 17 00-0005	EA	6" Ductile Iron Wall Sleeve With Rubber Gasket Seal	176.72	66.62
23 05 17 00-0006	EA	8" Ductile Iron Wall Sleeve With Rubber Gasket Seal	251.01	99.88
23 05 17 00-0007	EA	10" Ductile Iron Wall Sleeve With Rubber Gasket Seal	322.88	133.14
23 05 17 00-0008	EA	12" Ductile Iron Wall Sleeve With Rubber Gasket Seal	398.07	166.50

23 05 17 00-0009 Steel Pipe Sleeves *(23 05 17 00-0001)*

Note: Includes link seals 12" length.

23 05 17 00-0010	EA	2" Steel Pipe Sleeve With Link Seals	143.15	48.27
23 05 17 00-0011	EA	2-1/2" Steel Pipe Sleeve With Link Seals	180.68	52.33
23 05 17 00-0012	EA	3" Steel Pipe Sleeve With Link Seals	216.00	56.39
23 05 17 00-0013	EA	4" Steel Pipe Sleeve With Link Seals	269.32	67.64
23 05 17 00-0014	EA	6" Steel Pipe Sleeve With Link Seals	398.28	84.48
23 05 17 00-0015	EA	10" Steel Pipe Sleeve With Link Seals	947.74	101.42
23 05 17 00-0016	EA	13-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	1,140.91	126.77
23 05 17 00-0017	EA	17-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	1,564.75	155.97
23 05 17 00-0018	EA	23-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	2,214.86	202.83
23 05 17 00-0019	EA	29-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	2,167.77	253.54

23 05 19 Meters and Gages for HVAC Piping *(23 05)*

See CSI section 33 19 00 00-0000 for water utility service metering.

23 05 19 00-0001 Thermometers *(23 05 19)*

23 05 19 00-0002 Dial Type, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometers *(23 05 19 00-0001)*

Note: Various ranges.

23 05 19 00-0003	EA	2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	106.21	34.72
23 05 19 00-0004	EA	2-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	124.57	34.72
23 05 19 00-0005	EA	3-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	124.57	34.72

23 05 19 00-0006 Liquid Filled Industrial Union Connection Type Thermometers *(23 05 19 00-0001)*

Note: Various ranges.

23 05 19 00-0007	EA	7" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	142.93	34.72
23 05 19 00-0008	EA	9" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	142.93	34.72
23 05 19 00-0009	EA	12" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	181.33	34.72
23 05 19 00-0010	EA	7" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	147.94	34.72
23 05 19 00-0011	EA	9" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	156.29	34.72
23 05 19 00-0012	EA	12" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	186.34	34.72

23 05 19 00-0013 Liquid Filled Industrial Separable Socket Type Thermometers *(23 05 19 00-0001)*

Note: Various ranges. Socket connection for thermowell.

23 05 19 00-0014	EA	7" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	142.93	34.72
23 05 19 00-0015	EA	9" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	142.93	34.72
23 05 19 00-0016	EA	12" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	181.33	34.72
23 05 19 00-0017	EA	7" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	164.64	34.72
23 05 19 00-0018	EA	9" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	181.33	34.72
23 05 19 00-0019	EA	12" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	185.59	34.72

23 05 19 00-0020 1" NPT, 304 Stainless Steel Thermowells *(23 05 19 00-0001)*

23 05 19 00-0021	EA	4" Long, 1" NPT, 304 Stainless Steel Thermowell	161.49	65.10
23 05 19 00-0022	EA	8" Long, 1" NPT, 304 Stainless Steel Thermowell	161.42	65.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0023		**Pressure Gauges** *(23 05 19)*		
23 05 19 00-0024		**Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges** *(23 05 19 00-0023)*		
23 05 19 00-0025	EA	2" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	37.81	13.56
23 05 19 00-0026	EA	4" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	47.66	13.56
23 05 19 00-0027		**Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges** *(23 05 19 00-0023)*		
23 05 19 00-0028	EA	3-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	297.46	13.56
23 05 19 00-0029	EA	4-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	297.46	13.56
23 05 19 00-0030	EA	6" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	389.27	13.56
23 05 19 00-0031	EA	8-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	929.93	13.56
23 05 19 00-0032		**Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges** *(23 05 19 00-0023)* Note: Liquid filled.		
23 05 19 00-0033	EA	2-1/2" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	139.47	13.56
23 05 19 00-0034	EA	4" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	319.12	13.56
23 05 19 00-0035		**Steel Case, 0 To 10K PSI High Pressure, Pressure Gauges** *(23 05 19 00-0023)*		
23 05 19 00-0036	EA	4-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	325.96	13.56
23 05 19 00-0037	EA	6-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	325.96	13.56
23 05 19 00-0038	EA	8-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	325.96	13.56
23 05 19 00-0039		**Gauge Accessories** *(23 05 19 00-0023)*		
23 05 19 00-0040	EA	Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer)	86.99	10.85
23 05 19 00-0041	EA	1/4" Snubber Valve	52.94	10.85
23 05 19 00-0042	EA	1/4" Female Pipe Thread, Brass Gauge Cock	33.20	16.28
23 05 19 00-0043	EA	1/4" Male Pipe Thread, Brass Gauge Cock	28.45	16.28
23 05 19 00-0044	EA	1/4" Pressure Pigtail Steam Siphon	42.39	16.28
23 05 19 00-0045	EA	1/4" x 3" Long Black Steel Nipple	7.95	5.42
23 05 19 00-0046	EA	1/4" Steel Thread-O-Let	62.59	27.13
23 05 19 00-0047	EA	1/4", 300 LB, Black Steel Union	113.36	10.85
23 05 19 00-0048	EA	1/4" Black Steel Coupling	25.09	10.85
23 05 19 00-0049	EA	1/4", 300 LB, Black Steel Plug	13.80	6.51
23 05 19 00-0050	EA	1/4", 150 LB, Black Steel Cap	14.93	6.51
23 05 19 00-0051	LF	1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	9.80	3.58
23 05 19 00-0052	LF	1/4" Schedule 80, Plain End, Black Steel Pipe	9.81	3.58
23 05 19 00-0053	LF	1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	8.73	
23 05 19 00-0054	EA	1/4" Threaded, 800 LB, Forged Steel, Ball Valve	106.77	
23 05 19 00-0055		**Valve Lock Covers** *(23 05 19)*		
23 05 19 00-0056	EA	Valve Lock Cover	83.51	16.60
23 05 19 00-0057		**Sight Flow Indicator** *(23 05 19)*		
23 05 19 00-0058		**Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator** *(23 05 19 00-0057)*		
23 05 19 00-0059	EA	1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	164.06	15.80
23 05 19 00-0060	EA	3/8" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	171.34	16.62
23 05 19 00-0061	EA	1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	185.44	17.46
23 05 19 00-0062	EA	3/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	206.58	23.53
23 05 19 00-0063	EA	1" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	246.82	28.53
23 05 19 00-0064	EA	1-1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	278.90	36.11
23 05 19 00-0065	EA	1-1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	397.80	41.75
23 05 19 00-0066	EA	2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	439.92	49.35
23 05 19 00-0067		**Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator** *(23 05 19 00-0057)*		
23 05 19 00-0068	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	214.59	15.80
23 05 19 00-0069	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	220.74	16.62
23 05 19 00-0070	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	238.21	17.46
23 05 19 00-0071	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	251.49	23.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0072	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	265.91	28.53
23 05 19 00-0073	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	286.76	36.11
23 05 19 00-0074	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	550.49	41.75
23 05 19 00-0075	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	588.12	49.35
23 05 19 00-0076		**Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator** *(23 05 19 00-0057)*		
23 05 19 00-0077	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	312.27	15.80
23 05 19 00-0078	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	329.65	16.62
23 05 19 00-0079	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	358.34	17.46
23 05 19 00-0080	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	388.47	23.53
23 05 19 00-0081	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	445.55	28.53
23 05 19 00-0082	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	469.76	36.11
23 05 19 00-0083	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	954.68	41.75
23 05 19 00-0084	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	1,003.54	49.35
23 05 19 00-0085		**Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0086	EA	1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	211.22	15.80
23 05 19 00-0087	EA	3/8" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	219.62	16.62
23 05 19 00-0088	EA	1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	232.59	17.46
23 05 19 00-0089	EA	3/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	250.37	23.53
23 05 19 00-0090	EA	1" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	264.79	28.53
23 05 19 00-0091	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	286.76	36.11
23 05 19 00-0092	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	543.76	41.75
23 05 19 00-0093	EA	2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	579.14	49.35
23 05 19 00-0094		**Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0095	EA	1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	310.02	15.80
23 05 19 00-0096	EA	3/8" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	334.14	16.62
23 05 19 00-0097	EA	1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	365.08	17.46
23 05 19 00-0098	EA	3/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	388.47	23.53
23 05 19 00-0099	EA	1" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	445.55	28.53
23 05 19 00-0100	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	474.25	36.11
23 05 19 00-0101	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	954.68	41.75
23 05 19 00-0102	EA	2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	1,003.54	49.35
23 05 19 00-0103		**Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0104	EA	1" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	454.53	28.53
23 05 19 00-0105	EA	1-1/4" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	510.18	36.11
23 05 19 00-0106	EA	1-1/2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	579.69	41.75
23 05 19 00-0107	EA	2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	650.99	49.35
23 05 19 00-0108		**Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0109	EA	1-1/2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	998.80	113.88
23 05 19 00-0110	EA	2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,113.20	144.58
23 05 19 00-0111	EA	3" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,645.70	169.80
23 05 19 00-0112	EA	4" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	2,479.27	284.65
23 05 19 00-0113	EA	6" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	4,036.03	349.29
23 05 19 00-0114		**Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0115	EA	1" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	766.99	81.34
23 05 19 00-0116	EA	1-1/4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	906.06	94.90
23 05 19 00-0117	EA	1-1/2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	975.78	113.88
23 05 19 00-0118	EA	2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,222.67	144.58
23 05 19 00-0119	EA	3" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,779.87	169.80
23 05 19 00-0120	EA	4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	2,624.67	284.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0121		**Venturi Flowmeters** *(23 05 19)*		
23 05 19 00-0122		**Threaded, Brass, Venturi Flowmeters** *(23 05 19 00-0121)*		
23 05 19 00-0123	EA	3/4" Threaded, Brass, Venturi Flowmeter	289.84	73.78
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0124	EA	1" Threaded, Brass, Venturi Flowmeter	319.82	88.53
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0125	EA	1-1/4" Threaded, Brass, Venturi Flowmeter	352.72	98.41
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0126	EA	1-1/2" Threaded, Brass, Venturi Flowmeter	397.55	110.68
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0127	EA	2" Threaded, Brass, Venturi Flowmeter	473.47	126.52
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0128	EA	2-1/2" Threaded, Brass, Venturi Flowmeter	650.04	177.05
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0129		**Butt Weld, Carbon Steel, Venturi Flowmeters** *(23 05 19 00-0121)*		
23 05 19 00-0130	EA	3" Butt Weld, Carbon Steel, Venturi Flowmeter	2,144.03	152.12
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*643.92*	
23 05 19 00-0131	EA	4" Butt Weld, Carbon Steel, Venturi Flowmeter	3,002.11	182.55
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*922.96*	
23 05 19 00-0132	EA	5" Butt Weld, Carbon Steel, Venturi Flowmeter	3,951.95	228.18
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*1,223.46*	
23 05 19 00-0133	EA	6" Butt Weld, Carbon Steel, Venturi Flowmeter	4,656.02	304.25
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*1,416.64*	
23 05 19 00-0134	EA	8" Butt Weld, Carbon Steel, Venturi Flowmeter	6,924.13	365.09
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*2,167.88*	
23 05 19 00-0135	EA	10" Butt Weld, Carbon Steel, Venturi Flowmeter	11,522.15	456.36
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*3,713.30*	
23 05 19 00-0136	EA	12" Butt Weld, Carbon Steel, Venturi Flowmeter	17,380.85	656.70
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*5,623.61*	
23 05 19 00-0137	EA	14" Butt Weld, Carbon Steel, Venturi Flowmeter	24,292.82	985.05
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*7,812.95*	
23 05 19 00-0138	EA	16" Butt Weld, Carbon Steel, Venturi Flowmeter	36,838.27	1,094.50
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*12,127.24*	
23 05 19 00-0139		**Turbine Flowmeter** *(23 05 19)*		
23 05 19 00-0140	EA	Saddle Mount Turbine Flowmeter	1,553.46	81.38
23 05 19 00-0141		**Water Flow Switches** *(23 05 19)*		
23 05 19 00-0142	EA	Flexible Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BF-1)	278.49	31.98
23 05 19 00-0143	EA	Rigid Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BR-1)	288.76	31.98
23 05 19 00-0144	EA	Flexible Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BF-1)	375.48	31.98
23 05 19 00-0145	EA	Rigid Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BR-1)	388.62	31.98
23 05 19 00-0146	EA	Flexible Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BF-1)	301.90	31.98
23 05 19 00-0147	EA	Rigid Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BR-1)	313.87	31.98
23 05 19 00-0148	EA	Flexible Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BF-1)	398.89	31.98
23 05 19 00-0149	EA	Rigid Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BR-1)	410.86	31.98
23 05 19 00-0150	EA	Flexible Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SF-1)	796.50	31.98
23 05 19 00-0151	EA	Rigid Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SR-1)	808.10	31.98
23 05 19 00-0152	EA	Flexible Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SF-1)	918.34	31.98
23 05 19 00-0153	EA	Rigid Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SR-1)	934.29	31.98
23 05 19 00-0154	EA	Flexible Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SF-1)	824.06	31.98
23 05 19 00-0155	EA	Rigid Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SR-1)	840.01	31.98
23 05 19 00-0156	EA	Flexible Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SF-1)	945.90	31.98
23 05 19 00-0157	EA	Rigid Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SR-1)	963.30	31.98
23 05 19 00-0158		**Sight Glass** *(23 05 19)*		
23 05 19 00-0159		**In-Line, 316L Stainless Steel Body, Sight Glass With Clamp** *(23 05 19 00-0158)*		
23 05 19 00-0160	EA	1" In-Line, 316 L Stainless Steel Body, Borosilicate Glass, Sight Glass With Clamp (Dixon B54BMP-R100)	512.72	28.53
23 05 19 00-0161	EA	1-1/2" In-Line, 316 L Stainless Steel Body, Borosilicate Glass, Sight Glass With Clamp (Dixon B54BMP-R150)	595.94	41.75
23 05 19 00-0162	EA	2" In-Line, 316 L Stainless Steel Body, Borosilicate Glass, Sight Glass With Clamp (Dixon B54BMP-R200)	641.65	49.35
23 05 19 00-0163	EA	2-1/2" In-Line, 316 L Stainless Steel Body, Borosilicate Glass, Sight Glass With Clamp (Dixon B54BMP-R250)	812.72	58.78
23 05 19 00-0164	EA	3" In-Line, 316 L Stainless Steel Body, Borosilicate Glass, Sight Glass With Clamp (Dixon B54BMP-R250)	1,219.10	60.42
23 05 19 00-0165	EA	4" In-Line, 316 L Stainless Steel Body, Borosilicate Glass, Sight Glass With Clamp (Dixon B54BMP-R400)	1,479.77	89.15

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CSI	UOM	MINOR DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 05 23 General-Duty Valves For HVAC Piping *(23 05)*

Note: Flanged valves exclude bolt and gasket sets. See CSI section 22 05 23 00-0000 for additonal valves, 23 21 13 23-0713 for bolt and gasket sets.

23 05 23 00-0001 Gate Valves *(23 05 23)*

23 05 23 00-0002 Class 125 Threaded, Bronze Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0003	EA	1/4" Diameter, 125 LB, Threaded Bronze Gate Valve	63.56	10.85
		For 150 LB Rating, Add	*3.20*	
		For 200 LB Rating, Add	*4.80*	
		For 250 LB Rating, Add	*8.00*	
		For 300 LB Rating, Add	*11.19*	
		For Work In Restricted Working Space, Add	*9.47*	
23 05 23 00-0004	EA	3/8" Diameter, 125 LB, Threaded Bronze Gate Valve	65.22	10.85
		For 150 LB Rating, Add	*3.20*	
		For 200 LB Rating, Add	*4.80*	
		For 250 LB Rating, Add	*8.00*	
		For 300 LB Rating, Add	*11.19*	
		For Work In Restricted Working Space, Add	*9.97*	
23 05 23 00-0005	EA	1/2" Diameter, 125 LB, Threaded Bronze Gate Valve	66.97	10.85
		For 150 LB Rating, Add	*3.20*	
		For 200 LB Rating, Add	*4.80*	
		For 250 LB Rating, Add	*8.00*	
		For 300 LB Rating, Add	*11.19*	
		For Work In Restricted Working Space, Add	*10.50*	
23 05 23 00-0006	EA	3/4" Diameter, 125 LB, Threaded Bronze Gate Valve	85.31	11.93
		For 150 LB Rating, Add	*3.82*	
		For 200 LB Rating, Add	*5.72*	
		For 250 LB Rating, Add	*9.54*	
		For 300 LB Rating, Add	*13.36*	
		For Work In Restricted Working Space, Add	*14.15*	
23 05 23 00-0007	EA	1" Diameter, 125 LB, Threaded Bronze Gate Valve	114.73	13.56
		For 150 LB Rating, Add	*5.77*	
		For 200 LB Rating, Add	*8.65*	
		For 250 LB Rating, Add	*14.41*	
		For 300 LB Rating, Add	*20.18*	
		For Work In Restricted Working Space, Add	*17.12*	
23 05 23 00-0008	EA	1-1/4" Diameter, 125 LB, Threaded Bronze Gate Valve	150.04	14.43
		For 150 LB Rating, Add	*7.77*	
		For 200 LB Rating, Add	*11.66*	
		For 250 LB Rating, Add	*19.43*	
		For 300 LB Rating, Add	*27.21*	
		For Work In Restricted Working Space, Add	*21.69*	
23 05 23 00-0009	EA	1-1/2" Diameter, 125 LB, Threaded Bronze Gate Valve	181.38	16.70
		For 150 LB Rating, Add	*9.80*	
		For 200 LB Rating, Add	*14.69*	
		For 250 LB Rating, Add	*24.49*	
		For 300 LB Rating, Add	*34.28*	
		For Work In Restricted Working Space, Add	*25.03*	
23 05 23 00-0010	EA	2" Diameter, 125 LB, Threaded Bronze Gate Valve	232.43	19.73
		For 150 LB Rating, Add	*13.38*	
		For 200 LB Rating, Add	*20.07*	
		For 250 LB Rating, Add	*33.46*	
		For 300 LB Rating, Add	*46.84*	
		For Work In Restricted Working Space, Add	*29.58*	
23 05 23 00-0011	EA	2-1/2" Diameter, 125 LB, Threaded Bronze Gate Valve	514.85	26.67
		For Chain Operated Type, Add	*171.76*	
		For 150 LB Rating, Add	*38.17*	
		For 200 LB Rating, Add	*57.25*	
		For 250 LB Rating, Add	*95.42*	
		For 300 LB Rating, Add	*133.59*	
		For Work In Restricted Working Space, Add	*39.95*	
23 05 23 00-0012	EA	3" Diameter, 125 LB, Threaded Bronze Gate Valve	609.91	30.96
		For Chain Operated Type, Add	*205.31*	
		For 150 LB Rating, Add	*45.63*	
		For 200 LB Rating, Add	*68.44*	
		For 250 LB Rating, Add	*114.06*	
		For 300 LB Rating, Add	*159.69*	
		For Work In Restricted Working Space, Add	*46.10*	
23 05 23 00-0013	EA	4" Diameter, 125 LB, Threaded Bronze Gate Valve	1,261.70	34.95
		For Chain Operated Type, Add	*489.11*	
		For 150 LB Rating, Add	*108.69*	
		For 200 LB Rating, Add	*163.04*	
		For 250 LB Rating, Add	*271.73*	
		For 300 LB Rating, Add	*380.42*	
		For Work In Restricted Working Space, Add	*52.44*	

23 05 23 00-0014 Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0015	EA	1-1/2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	272.34	16.70
		For 150 LB Rating, Add	*37.78*	
		For 250 LB Rating, Add	*66.12*	
		For Chain Operated Type, Add	*66.12*	
		For Work In Restricted Working Space, Add	*25.03*	
23 05 23 00-0016	EA	2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	417.82	19.73
		For 150 LB Rating, Add	*63.84*	
		For 250 LB Rating, Add	*111.73*	
		For Chain Operated Type, Add	*111.73*	
		For Work In Restricted Working Space, Add	*29.58*	
23 05 23 00-0017	EA	2-1/2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	613.27	26.67
		For 150 LB Rating, Add	*96.02*	
		For 250 LB Rating, Add	*168.04*	
		For Chain Operated Type, Add	*168.04*	
		For Work In Restricted Working Space, Add	*39.95*	
23 05 23 00-0018	EA	3" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	783.58	30.96
		For 150 LB Rating, Add	*125.98*	
		For 250 LB Rating, Add	*220.47*	
		For Chain Operated Type, Add	*220.47*	
		For Work In Restricted Working Space, Add	*46.10*	
23 05 23 00-0019	EA	4" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,870.47	34.95
		For 150 LB Rating, Add	*339.14*	
		For 250 LB Rating, Add	*593.49*	
		For Chain Operated Type, Add	*593.49*	
		For Work In Restricted Working Space, Add	*52.44*	

23 05 23 00-0020 Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0021	EA	1-1/2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	458.91	113.88
		For 150 LB Rating, Add	*91.70*	
		For 250 LB Rating, Add	*158.11*	
		For 300 LB Rating, ASTM A182, Add	*387.56*	
		For Chain Operated Type, Add	*158.11*	
		For Work In Restricted Working Space, Add	*42.81*	
23 05 23 00-0022	EA	2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	511.46	144.58
		For 150 LB Rating, Add	*95.90*	
		For 250 LB Rating, Add	*165.35*	
		For 300 LB Rating, ASTM A182, Add	*421.08*	
		For Chain Operated Type, Add	*165.35*	
		For Work In Restricted Working Space, Add	*54.23*	
23 05 23 00-0023	EA	2-1/2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	578.38	144.82
		For 150 LB Rating, Add	*115.07*	
		For 250 LB Rating, Add	*198.39*	
		For 300 LB Rating, ASTM A182, Add	*487.58*	
		For Chain Operated Type, Add	*198.39*	
		For Work In Restricted Working Space, Add	*54.48*	
23 05 23 00-0024	EA	3" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	708.46	169.80
		For 150 LB Rating, Add	*143.83*	
		For 250 LB Rating, Add	*247.98*	
		For 300 LB Rating, ASTM A182, Add	*602.21*	
		For Chain Operated Type, Add	*247.98*	
		For Work In Restricted Working Space, Add	*63.75*	
23 05 23 00-0025	EA	4" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,018.01	284.65
		For 150 LB Rating, Add	*191.78*	
		For 250 LB Rating, Add	*330.65*	
		For 300 LB Rating, ASTM A182, Add	*839.66*	
		For Chain Operated Type, Add	*330.65*	
		For Work In Restricted Working Space, Add	*107.01*	
23 05 23 00-0026	EA	5" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,251.95	314.35
		For 150 LB Rating, Add	*249.29*	
		For 250 LB Rating, Add	*429.81*	
		For 300 LB Rating, ASTM A182, Add	*1,055.78*	
		For Chain Operated Type, Add	*429.81*	
		For Work In Restricted Working Space, Add	*117.70*	
23 05 23 00-0027	EA	6" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,496.05	349.29
		For 150 LB Rating, Add	*306.78*	
		For 250 LB Rating, Add	*528.94*	
		For 300 LB Rating, ASTM A182, Add	*1,276.96*	
		For Chain Operated Type, Add	*528.94*	
		For Work In Restricted Working Space, Add	*131.45*	
23 05 23 00-0028	EA	8" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,306.79	446.31
		For 150 LB Rating, Add	*508.19*	
		For 250 LB Rating, Add	*876.19*	
		For 300 LB Rating, ASTM A182, Add	*2,029.58*	
		For Chain Operated Type, Add	*876.19*	
		For Work In Restricted Working Space, Add	*166.33*	
23 05 23 00-0029	EA	10" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,993.45	543.34
		For 150 LB Rating, Add	*671.14*	
		For 250 LB Rating, Add	*1,157.15*	
		For 300 LB Rating, ASTM A182, Add	*2,653.87*	
		For Chain Operated Type, Add	*1,157.15*	
		For Work In Restricted Working Space, Add	*203.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0030	EA	12" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	4,129.52	659.76
		For 150 LB Rating, Add	*958.82*	
		For 250 LB Rating, Add	*1,653.15*	
		For 300 LB Rating, ASTM A182, Add	*3,717.91*	
		For Chain Operated Type, Add	*1,653.15*	
		For Work In Restricted Working Space, Add	*246.97*	

23 05 23 00-0031 Class 125 Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0032	EA	1-1/2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	546.51	16.70
		For 175 LB Rating, Add	*231.54*	
		For 250 LB Rating, Add	*347.31*	
		For Work In Restricted Working Space, Add	*25.03*	
23 05 23 00-0033	EA	2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	697.24	19.73
		For 175 LB Rating, Add	*299.32*	
		For 250 LB Rating, Add	*448.98*	
		For Work In Restricted Working Space, Add	*29.58*	
23 05 23 00-0034	EA	2-1/2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	808.21	26.67
		For 175 LB Rating, Add	*337.52*	
		For 250 LB Rating, Add	*506.28*	
		For Work In Restricted Working Space, Add	*39.95*	
23 05 23 00-0035	EA	3" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	898.50	30.96
		For 175 LB Rating, Add	*372.42*	
		For 250 LB Rating, Add	*558.63*	
		For Work In Restricted Working Space, Add	*46.10*	
23 05 23 00-0036	EA	4" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,203.31	34.95
		For 175 LB Rating, Add	*514.26*	
		For 250 LB Rating, Add	*771.39*	
		For Work In Restricted Working Space, Add	*52.44*	

23 05 23 00-0037 Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure for up to 12". 100 psi steam, basic rating. 150 psi cold working pressure for >12" to 24". 50 psi steam, basic rating. 150 psi cold working pressure for >24".

23 05 23 00-0038	EA	1-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	598.53	113.88
		For 150 LB Rating, Add	*68.37*	
		For 175 LB Rating, Add	*141.31*	
		For 250 LB Rating, Add	*296.29*	
		For Chain Operated Type, Add	*227.92*	
		For Work In Restricted Working Space, Add	*42.81*	
23 05 23 00-0039	EA	2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	650.13	144.58
		For 150 LB Rating, Add	*70.41*	
		For 175 LB Rating, Add	*145.50*	
		For 250 LB Rating, Add	*305.09*	
		For Chain Operated Type, Add	*234.69*	
		For Work In Restricted Working Space, Add	*54.23*	
23 05 23 00-0040	EA	2-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	666.30	144.82
		For 150 LB Rating, Add	*72.71*	
		For 175 LB Rating, Add	*150.26*	
		For 250 LB Rating, Add	*315.06*	
		For Chain Operated Type, Add	*242.35*	
		For Work In Restricted Working Space, Add	*54.48*	
23 05 23 00-0041	EA	3" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	745.81	169.80
		For 150 LB Rating, Add	*80.00*	
		For 175 LB Rating, Add	*165.32*	
		For 250 LB Rating, Add	*346.65*	
		For Chain Operated Type, Add	*266.65*	
		For Work In Restricted Working Space, Add	*63.75*	
23 05 23 00-0042	EA	4" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,003.46	284.65
		For 150 LB Rating, Add	*97.01*	
		For 175 LB Rating, Add	*200.49*	
		For 250 LB Rating, Add	*420.39*	
		For Chain Operated Type, Add	*323.38*	
		For Work In Restricted Working Space, Add	*107.01*	
23 05 23 00-0043	EA	5" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,294.69	314.35
		For 150 LB Rating, Add	*135.35*	
		For 175 LB Rating, Add	*279.73*	
		For 250 LB Rating, Add	*586.53*	
		For Chain Operated Type, Add	*451.18*	
		For Work In Restricted Working Space, Add	*117.70*	
23 05 23 00-0044	EA	6" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,468.70	349.29
		For 150 LB Rating, Add	*154.58*	
		For 175 LB Rating, Add	*319.46*	
		For 250 LB Rating, Add	*669.84*	
		For Chain Operated Type, Add	*515.26*	
		For Work In Restricted Working Space, Add	*131.45*	
23 05 23 00-0045	EA	8" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,297.32	446.31
		For 150 LB Rating, Add	*261.44*	
		For 175 LB Rating, Add	*540.30*	
		For 250 LB Rating, Add	*1,132.89*	
		For Chain Operated Type, Add	*871.45*	
		For Work In Restricted Working Space, Add	*166.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0046	EA	10" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	3,361.47	543.34
		For 150 LB Rating, Add	*402.35*	
		For 175 LB Rating, Add	*831.52*	
		For 250 LB Rating, Add	*1,743.50*	
		For Chain Operated Type, Add	*1,341.16*	
		For Work In Restricted Working Space, Add	*203.75*	
23 05 23 00-0047	EA	12" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	4,222.84	659.76
		For 150 LB Rating, Add	*509.94*	
		For 175 LB Rating, Add	*1,053.88*	
		For 250 LB Rating, Add	*2,209.75*	
		For Chain Operated Type, Add	*1,699.81*	
		For Work In Restricted Working Space, Add	*246.97*	
23 05 23 00-0048	EA	14" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	8,432.27	946.12
		For 150 LB Rating, Add	*1,087.44*	
		For 175 LB Rating, Add	*2,247.39*	
		For 250 LB Rating, Add	*4,712.26*	
		For Work In Restricted Working Space, Add	*354.79*	
23 05 23 00-0049	EA	16" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	10,943.64	1,040.72
		For 150 LB Rating, Add	*1,446.41*	
		For 175 LB Rating, Add	*2,989.25*	
		For 250 LB Rating, Add	*6,267.78*	
		For Work In Restricted Working Space, Add	*390.27*	
23 05 23 00-0050	EA	18" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	14,942.83	1,154.26
		For 150 LB Rating, Add	*2,025.00*	
		For 175 LB Rating, Add	*4,185.00*	
		For 250 LB Rating, Add	*8,775.01*	
		For Work In Restricted Working Space, Add	*432.85*	
23 05 23 00-0051	EA	20" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	18,980.62	1,300.90
		For 150 LB Rating, Add	*2,603.17*	
		For 175 LB Rating, Add	*5,379.89*	
		For 250 LB Rating, Add	*11,280.42*	
		For Work In Restricted Working Space, Add	*487.84*	
23 05 23 00-0052	EA	24" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	25,936.61	1,596.56
		For 150 LB Rating, Add	*3,591.14*	
		For 175 LB Rating, Add	*7,421.68*	
		For 250 LB Rating, Add	*15,561.59*	
		For Work In Restricted Working Space, Add	*598.71*	
23 05 23 00-0053	EA	30" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	54,126.68	2,601.81
		For 150 LB Rating, Add	*7,631.16*	
		For 175 LB Rating, Add	*15,771.07*	
		For 250 LB Rating, Add	*33,068.37*	
		For Work In Restricted Working Space, Add	*975.68*	
23 05 23 00-0054	EA	36" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	68,976.77	3,469.08
		For 150 LB Rating, Add	*9,696.06*	
		For 175 LB Rating, Add	*20,038.53*	
		For 250 LB Rating, Add	*42,016.28*	
		For Work In Restricted Working Space, Add	*1,300.90*	
23 05 23 00-0055	EA	42" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	80,913.62	4,399.82
		For 150 LB Rating, Add	*11,312.08*	
		For 175 LB Rating, Add	*23,378.29*	
		For 250 LB Rating, Add	*49,019.00*	
		For Work In Restricted Working Space, Add	*1,649.93*	
23 05 23 00-0056	EA	48" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	97,318.13	5,499.78
		For 150 LB Rating, Add	*13,566.51*	
		For 175 LB Rating, Add	*28,037.45*	
		For 250 LB Rating, Add	*58,788.21*	
		For Work In Restricted Working Space, Add	*2,062.42*	
23 05 23 00-0057	EA	54" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	116,781.75	6,599.74
		For 150 LB Rating, Add	*16,279.81*	
		For 175 LB Rating, Add	*33,644.94*	
		For 250 LB Rating, Add	*70,545.85*	
		For Work In Restricted Working Space, Add	*2,474.90*	

23 05 23 00-0058 Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valves *(23 05 23 00-0001)*

Note: 800 psig at 850 degrees F.

23 05 23 00-0059	EA	1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	164.29	10.85
		For Work In Restricted Working Space, Add	*9.47*	
23 05 23 00-0060	EA	1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	167.70	10.85
		For Work In Restricted Working Space, Add	*10.50*	
23 05 23 00-0061	EA	3/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	197.67	11.93
		For Work In Restricted Working Space, Add	*14.15*	
23 05 23 00-0062	EA	1" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	239.97	13.56
		For Work In Restricted Working Space, Add	*17.12*	
23 05 23 00-0063	EA	1-1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	367.39	14.43
		For Work In Restricted Working Space, Add	*21.69*	
23 05 23 00-0064	EA	1-1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	434.64	16.70
		For Work In Restricted Working Space, Add	*25.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0065	EA	2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	546.91	19.73
		For Work In Restricted Working Space, Add	*29.58*	

23 05 23 00-0066 Ball Valves *(23 05 23)*

23 05 23 00-0067 Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves *(23 05 23 00-0066)*

Note: 125 LB WSP.

23 05 23 00-0068	EA	1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	48.21	10.85
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*5.95*	
		For Work In Restricted Working Space, Add	*10.50*	
23 05 23 00-0069	EA	3/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	67.48	11.93
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*9.15*	
		For Work In Restricted Working Space, Add	*14.15*	
23 05 23 00-0070	EA	1" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	84.52	13.56
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*12.35*	
		For Work In Restricted Working Space, Add	*17.12*	
23 05 23 00-0071	EA	1-1/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	118.39	14.43
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*20.74*	
		For Work In Restricted Working Space, Add	*21.69*	
23 05 23 00-0072	EA	1-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	142.27	16.70
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*26.48*	
		For Work In Restricted Working Space, Add	*25.03*	
23 05 23 00-0073	EA	2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	172.31	19.73
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*33.17*	
		For Work In Restricted Working Space, Add	*29.58*	
23 05 23 00-0074	EA	2-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	481.01	26.67
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*156.53*	
		For Work In Restricted Working Space, Add	*39.95*	
23 05 23 00-0075	EA	3" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	555.00	30.96
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*180.60*	
		For Work In Restricted Working Space, Add	*46.10*	
23 05 23 00-0076	EA	4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	721.96	34.95
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*246.23*	
		For Work In Restricted Working Space, Add	*52.44*	

23 05 23 00-0077 Screwed, 150 LB, Full Port, Carbon Steel Ball Valves *(23 05 23 00-0066)*

23 05 23 00-0078	EA	1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	56.88	10.85
		For Work In Restricted Working Space, Add	*9.47*	
23 05 23 00-0079	EA	1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	62.45	10.85
		For Work In Restricted Working Space, Add	*10.50*	
23 05 23 00-0080	EA	3/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	86.86	11.93
		For Work In Restricted Working Space, Add	*14.15*	
23 05 23 00-0081	EA	1" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	110.48	13.56
		For Work In Restricted Working Space, Add	*17.12*	
23 05 23 00-0082	EA	1-1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	163.58	14.43
		For Work In Restricted Working Space, Add	*21.69*	
23 05 23 00-0083	EA	1-1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	199.05	16.70
		For Work In Restricted Working Space, Add	*25.03*	
23 05 23 00-0084	EA	2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	257.80	19.73
		For Work In Restricted Working Space, Add	*29.58*	

23 05 23 00-0085 Flanged, 150 LB, Full Port, Carbon Steel Ball Valves *(23 05 23 00-0066)*

23 05 23 00-0086	EA	1-1/2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	380.11	113.88
		For 150 LB Rating, Add	*68.85*	
		For 250 LB Rating, Add	*118.71*	
		For 300 LB Rating, ASTM A182, Add	*308.76*	
		For Chain Operated Type, Add	*118.71*	
		For Work In Restricted Working Space, Add	*42.81*	
		For Work In Restricted Working Space, Add	*42.81*	
23 05 23 00-0087	EA	2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	475.29	144.58
		For 150 LB Rating, Add	*85.41*	
		For 250 LB Rating, Add	*147.27*	
		For 300 LB Rating, ASTM A182, Add	*384.91*	
		For Chain Operated Type, Add	*147.27*	
		For Work In Restricted Working Space, Add	*54.23*	
		For Work In Restricted Working Space, Add	*54.23*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0088	EA	2-1/2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	719.64	144.82
		For 150 LB Rating, Add	*156.03*	
		For 250 LB Rating, Add	*269.02*	
		For 300 LB Rating, ASTM A182, Add	*628.84*	
		For Chain Operated Type, Add	*269.02*	
		For Work In Restricted Working Space, Add	*54.48*	
		For Work In Restricted Working Space, Add	*54.48*	
23 05 23 00-0089	EA	3" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	794.24	169.80
		For 150 LB Rating, Add	*168.70*	
		For 250 LB Rating, Add	*290.87*	
		For 300 LB Rating, ASTM A182, Add	*687.99*	
		For Chain Operated Type, Add	*290.87*	
		For Work In Restricted Working Space, Add	*63.75*	
		For Work In Restricted Working Space, Add	*63.75*	
23 05 23 00-0090	EA	4" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	1,173.80	284.65
		For Work In Restricted Working Space, Add	*107.01*	
23 05 23 00-0091	EA	6" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	2,653.60	349.29
		For Work In Restricted Working Space, Add	*131.45*	
23 05 23 00-0092	EA	8" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	4,485.21	446.31
		For Work In Restricted Working Space, Add	*166.33*	

23 05 23 00-0093 Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valves *(23 05 23 00-0066)*

23 05 23 00-0094	EA	1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	45.54	10.85
		For True Union Socket Or Thread Type, Add	*6.06*	
		For Work In Restricted Working Space, Add	*10.50*	
23 05 23 00-0095	EA	3/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	59.29	11.93
		For True Union Socket Or Thread Type, Add	*7.33*	
		For Work In Restricted Working Space, Add	*14.15*	
23 05 23 00-0096	EA	1" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	73.99	13.56
		For True Union Socket Or Thread Type, Add	*9.76*	
		For Work In Restricted Working Space, Add	*17.12*	
23 05 23 00-0097	EA	1-1/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	94.52	14.43
		For True Union Socket Or Thread Type, Add	*12.68*	
		For Work In Restricted Working Space, Add	*21.69*	
23 05 23 00-0098	EA	1-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	122.08	16.70
		For True Union Socket Or Thread Type, Add	*19.84*	
		For Work In Restricted Working Space, Add	*25.03*	
23 05 23 00-0099	EA	2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	147.85	19.73
		For True Union Socket Or Thread Type, Add	*24.88*	
		For Work In Restricted Working Space, Add	*29.58*	
23 05 23 00-0100	EA	2-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	239.14	26.67
		For True Union Socket Or Thread Type, Add	*49.38*	
		For Work In Restricted Working Space, Add	*39.95*	
23 05 23 00-0101	EA	3" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	333.85	30.96
		For True Union Socket Or Thread Type, Add	*80.14*	
		For Work In Restricted Working Space, Add	*46.10*	
23 05 23 00-0102	EA	4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	519.31	34.95
		For True Union Socket Or Thread Type, Add	*146.98*	
		For Work In Restricted Working Space, Add	*52.44*	

23 05 23 00-0103 Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves *(23 05 23 00-0066)*

23 05 23 00-0104	EA	1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	87.13	16.27
		For Full Port, Add	*17.89*	
		For Work In Restricted Working Space, Add	*14.21*	
23 05 23 00-0105	EA	3/8" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	89.61	16.27
		For Full Port, Add	*17.89*	
		For Work In Restricted Working Space, Add	*14.96*	
23 05 23 00-0106	EA	1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	92.23	16.27
		For Full Port, Add	*17.89*	
		For Work In Restricted Working Space, Add	*15.74*	
23 05 23 00-0107	EA	3/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	112.88	17.89
		For Full Port, Add	*18.97*	
		For Work In Restricted Working Space, Add	*21.22*	
23 05 23 00-0108	EA	1" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	148.07	20.34
		For Full Port, Add	*28.10*	
		For Work In Restricted Working Space, Add	*25.69*	
23 05 23 00-0109	EA	1-1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	193.90	21.64
		For Full Port, Add	*38.45*	
		For Work In Restricted Working Space, Add	*32.54*	
23 05 23 00-0110	EA	1-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	238.76	25.05
		For Full Port, Add	*51.13*	
		For Work In Restricted Working Space, Add	*37.54*	
23 05 23 00-0111	EA	2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	332.80	29.61
		For Full Port, Add	*83.21*	
		For Work In Restricted Working Space, Add	*44.37*	
23 05 23 00-0112	EA	2-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	648.49	40.00
		For Full Port, Add	*201.93*	
		For Work In Restricted Working Space, Add	*59.93*	
23 05 23 00-0113	EA	3" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	943.06	46.44
		For Full Port, Add	*320.65*	
		For Work In Restricted Working Space, Add	*69.15*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0114		Wye Strainer, Union With Two Pressure Ports, Ball Valves *(23 05 23 00-0066)*			
23 05 23 00-0115	EA	1/2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve		170.71	10.85
23 05 23 00-0116	EA	3/4" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve		218.79	14.10
23 05 23 00-0117	EA	1" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve		282.29	17.36
23 05 23 00-0118	EA	1-1/4" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve		385.75	23.86
23 05 23 00-0119	EA	1-1/2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve		483.05	27.76
23 05 23 00-0120	EA	2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve		638.51	32.54
23 05 23 00-0121		Plastic Ball Valves *(23 05 23 00-0066)* Note: Threaded or socket.			
23 05 23 00-0122		Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valves *(23 05 23 00-0121)*			
23 05 23 00-0123	EA	3/8" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)		70.56	10.85
23 05 23 00-0124	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)		73.68	10.85
23 05 23 00-0125	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)		93.08	11.93
23 05 23 00-0126	EA	1" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)		121.33	13.56
23 05 23 00-0127	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)		143.98	14.43
23 05 23 00-0128	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)		174.76	16.70
23 05 23 00-0129	EA	2" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346)		213.13	19.73
23 05 23 00-0130		Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valves *(23 05 23 00-0121)*			
23 05 23 00-0131	EA	3/8" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)		107.06	10.85
23 05 23 00-0132	EA	1/2" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)		108.52	10.85
23 05 23 00-0133	EA	3/4" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)		136.21	11.93
23 05 23 00-0134	EA	1" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)		168.22	13.56
23 05 23 00-0135	EA	1-1/4" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)		254.78	14.43
23 05 23 00-0136	EA	1-1/2" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)		282.49	16.70
23 05 23 00-0137	EA	2" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346)		339.13	19.73
23 05 23 00-0138		Viton Liner And Seals, Polypropylene (PP) Ball Valves *(23 05 23 00-0121)*			
23 05 23 00-0139	EA	3/8" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)		119.50	10.85
23 05 23 00-0140	EA	1/2" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)		129.25	10.85
23 05 23 00-0141	EA	3/4" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)		147.82	11.93
23 05 23 00-0142	EA	1" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)		181.49	13.56
23 05 23 00-0143	EA	1-1/4" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)		228.24	14.43
23 05 23 00-0144	EA	1-1/2" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)		274.19	16.70
23 05 23 00-0145	EA	2" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346)		355.71	19.73
23 05 23 00-0146		Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valves *(23 05 23 00-0121)*			
23 05 23 00-0147	EA	3/8" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)		242.25	10.85
23 05 23 00-0148	EA	1/2" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)		258.64	10.85
23 05 23 00-0149	EA	3/4" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)		307.06	11.93
23 05 23 00-0150	EA	1" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)		358.98	13.56
23 05 23 00-0151	EA	1-1/4" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)		437.25	14.43
23 05 23 00-0152	EA	1-1/2" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)		481.54	16.70
23 05 23 00-0153	EA	2" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346)		554.77	19.73
23 05 23 00-0154		Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valves *(23 05 23 00-0121)*			
23 05 23 00-0155	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)		47.39	10.85
23 05 23 00-0156	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)		63.47	11.93
23 05 23 00-0157	EA	1" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)		76.99	13.56
23 05 23 00-0158	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)		107.48	14.43
23 05 23 00-0159	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)		118.60	16.70
23 05 23 00-0160	EA	2" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)		144.96	19.73
23 05 23 00-0161		Plastic, True Union, Ball Valves *(23 05 23 00-0066)*			

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0162		Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valves *(23 05 23 00-0161)*			
		Note: Socket or NPT connectors.			
23 05 23 00-0163	EA	3/8" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)		116.18	10.85
23 05 23 00-0164	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)		120.96	10.85
23 05 23 00-0165	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)		146.16	11.93
23 05 23 00-0166	EA	1" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)		179.83	13.56
23 05 23 00-0167	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)		216.63	14.43
23 05 23 00-0168	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)		249.31	16.70
23 05 23 00-0169	EA	2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)		305.95	19.73
23 05 23 00-0170		Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valves *(23 05 23 00-0161)*			
		Note: Socket or NPT connectors.			
23 05 23 00-0171	EA	3/8" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)		117.84	10.85
23 05 23 00-0172	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)		137.55	10.85
23 05 23 00-0173	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)		147.82	11.93
23 05 23 00-0174	EA	1" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)		179.83	13.56
23 05 23 00-0175	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)		213.31	14.43
23 05 23 00-0176	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)		247.65	16.70
23 05 23 00-0177	EA	2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)		305.95	19.73
23 05 23 00-0178		Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valves *(23 05 23 00-0161)*			
		Note: Socket or NPT connectors.			
23 05 23 00-0179	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)		62.90	10.85
23 05 23 00-0180	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)		80.64	11.93
23 05 23 00-0181	EA	1" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)		96.89	13.56
23 05 23 00-0182	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)		127.88	14.43
23 05 23 00-0183	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)		149.78	16.70
23 05 23 00-0184	EA	2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)		206.42	19.73
23 05 23 00-0185	EA	2-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)		289.10	26.67
23 05 23 00-0186	EA	3" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)		365.99	30.96
23 05 23 00-0187	EA	4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)		523.14	34.95
23 05 23 00-0188		Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valves *(23 05 23 00-0161)*			
		Note: Socket or NPT connectors.			
23 05 23 00-0189	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)		74.51	10.85
23 05 23 00-0190	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)		97.22	11.93
23 05 23 00-0191	EA	1" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)		120.11	13.56
23 05 23 00-0192	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)		168.52	14.43
23 05 23 00-0193	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)		184.62	16.70
23 05 23 00-0194	EA	2" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)		237.94	19.73
23 05 23 00-0195	EA	2-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)		415.17	26.67

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0196	EA	3" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	485.42	30.96
23 05 23 00-0197	EA	4" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	755.37	34.95
23 05 23 00-0198		Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valves *(23 05 23 00-0161)*		
23 05 23 00-0199		Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valves *(23 05 23 00-0198)*		
23 05 23 00-0200	EA	1/4" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	61.02	10.85
23 05 23 00-0201	EA	3/8" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	62.68	10.85
23 05 23 00-0202	EA	1/2" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	64.14	10.85
23 05 23 00-0203	EA	3/4" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	81.63	11.93
23 05 23 00-0204	EA	1" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	99.95	13.56
23 05 23 00-0205	EA	1-1/4" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	122.13	14.43
23 05 23 00-0206	EA	1-1/2" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	147.10	16.70
23 05 23 00-0207	EA	2" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	188.18	19.73
23 05 23 00-0208	EA	2-1/2" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	354.62	26.67
23 05 23 00-0209	EA	3" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	394.19	30.96
23 05 23 00-0210	EA	4" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	548.85	34.95
23 05 23 00-0211		Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valves *(23 05 23 00-0198)*		
23 05 23 00-0212	EA	1/4" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	61.02	10.85
23 05 23 00-0213	EA	3/8" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	62.68	10.85
23 05 23 00-0214	EA	1/2" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	64.14	10.85
23 05 23 00-0215	EA	3/4" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	81.63	11.93
23 05 23 00-0216	EA	1" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	99.95	13.56
23 05 23 00-0217	EA	1-1/4" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	122.13	14.43
23 05 23 00-0218	EA	1-1/2" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	147.10	16.70
23 05 23 00-0219	EA	2" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	188.18	19.73
23 05 23 00-0220	EA	2-1/2" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	354.62	26.67
23 05 23 00-0221	EA	3" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	394.19	30.96
23 05 23 00-0222	EA	4" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	548.85	34.95
23 05 23 00-0223		Globe Valves *(23 05 23)*		
23 05 23 00-0224		Threaded Or Sweated, 125 LB, Bronze Body, Globe Valves *(23 05 23 00-0223)*		
23 05 23 00-0225	EA	1/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	71.40	10.85
		For 150 LB Rating, Add	*11.29*	
		For 200 LB Rating, Add	*13.84*	
		For 250 LB Rating, Add	*16.38*	
		For 300 LB Rating, Add	*20.03*	
		For Work In Restricted Working Space, Add	*10.50*	
23 05 23 00-0226	EA	1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	67.99	10.85
		For 150 LB Rating, Add	*11.29*	
		For 200 LB Rating, Add	*13.84*	
		For 250 LB Rating, Add	*16.38*	
		For 300 LB Rating, Add	*20.03*	
		For Work In Restricted Working Space, Add	*9.47*	
23 05 23 00-0227	EA	3/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	87.59	10.85
		For 150 LB Rating, Add	*16.85*	
		For 200 LB Rating, Add	*20.65*	
		For 250 LB Rating, Add	*24.46*	
		For 300 LB Rating, Add	*29.89*	
		For Work In Restricted Working Space, Add	*9.97*	
23 05 23 00-0228	EA	1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	89.34	10.85
		For 150 LB Rating, Add	*16.85*	
		For 200 LB Rating, Add	*20.65*	
		For 250 LB Rating, Add	*24.46*	
		For 300 LB Rating, Add	*29.89*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*73.78*	
		For Work In Restricted Working Space, Add	*10.50*	
23 05 23 00-0229	EA	3/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	106.06	11.38
		For 150 LB Rating, Add	*18.26*	
		For 200 LB Rating, Add	*22.39*	
		For 250 LB Rating, Add	*26.51*	
		For 300 LB Rating, Add	*32.40*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*83.66*	
		For Work In Restricted Working Space, Add	*14.15*	
23 05 23 00-0230	EA	1" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	136.70	11.38
		For 150 LB Rating, Add	*24.68*	
		For 200 LB Rating, Add	*30.26*	
		For 250 LB Rating, Add	*35.83*	
		For 300 LB Rating, Add	*43.79*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*110.41*	
		For Work In Restricted Working Space, Add	*17.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0231	EA	1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	209.82	14.43
		For 150 LB Rating, Add	*42.63*	
		For 200 LB Rating, Add	*52.25*	
		For 250 LB Rating, Add	*61.88*	
		For 300 LB Rating, Add	*75.63*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*180.19*	
		For Work In Restricted Working Space, Add	*21.69*	
23 05 23 00-0232	EA	1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	279.96	16.70
		For 150 LB Rating, Add	*60.92*	
		For 200 LB Rating, Add	*74.68*	
		For 250 LB Rating, Add	*88.44*	
		For 300 LB Rating, Add	*108.09*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*249.56*	
		For Work In Restricted Working Space, Add	*25.03*	
23 05 23 00-0233	EA	2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	329.64	19.73
		For 150 LB Rating, Add	*71.62*	
		For 200 LB Rating, Add	*87.80*	
		For 250 LB Rating, Add	*103.97*	
		For 300 LB Rating, Add	*127.07*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*293.58*	
		For Work In Restricted Working Space, Add	*29.58*	
23 05 23 00-0234	EA	2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	366.10	26.67
		For 150 LB Rating, Add	*72.21*	
		For 200 LB Rating, Add	*88.51*	
		For 250 LB Rating, Add	*104.82*	
		For 300 LB Rating, Add	*128.11*	
		For Work In Restricted Working Space, Add	*39.95*	
23 05 23 00-0235	EA	3" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	675.53	30.96
		For 150 LB Rating, Add	*161.78*	
		For 200 LB Rating, Add	*198.31*	
		For 250 LB Rating, Add	*234.84*	
		For 300 LB Rating, Add	*287.03*	
		For Work In Restricted Working Space, Add	*46.10*	
23 05 23 00-0236		Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves *(23 05 23 00-0223)*		
23 05 23 00-0237	EA	2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	504.52	19.73
		For 150 LB Rating, Add	*125.84*	
		For 200 LB Rating, Add	*154.25*	
		For 250 LB Rating, Add	*182.66*	
		For 300 LB Rating, Add	*223.26*	
		For Chain Operated Type, Add	*338.94*	
		For Work In Restricted Working Space, Add	*29.58*	
23 05 23 00-0238	EA	2-1/2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	625.19	26.67
		For 150 LB Rating, Add	*152.53*	
		For 200 LB Rating, Add	*186.97*	
		For 250 LB Rating, Add	*221.41*	
		For 300 LB Rating, Add	*270.61*	
		For Chain Operated Type, Add	*410.84*	
		For Work In Restricted Working Space, Add	*39.95*	
23 05 23 00-0239	EA	3" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	744.08	30.96
		For 150 LB Rating, Add	*183.03*	
		For 200 LB Rating, Add	*224.36*	
		For 250 LB Rating, Add	*265.69*	
		For 300 LB Rating, Add	*324.73*	
		For Chain Operated Type, Add	*493.00*	
		For Work In Restricted Working Space, Add	*46.10*	
23 05 23 00-0240	EA	4" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	961.97	34.95
		For 150 LB Rating, Add	*244.04*	
		For 200 LB Rating, Add	*299.15*	
		For 250 LB Rating, Add	*354.25*	
		For 300 LB Rating, Add	*432.98*	
		For Chain Operated Type, Add	*657.34*	
		For Work In Restricted Working Space, Add	*52.42*	
23 05 23 00-0241		Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves *(23 05 23 00-0223)*		
23 05 23 00-0242	EA	2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	451.66	144.58
		For 150 LB Rating, Add	*83.98*	
		For 250 LB Rating, Add	*121.91*	
		For Chain Operated Type, Add	*135.45*	
		For Work In Restricted Working Space, Add	*54.23*	
23 05 23 00-0243	EA	2-1/2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	511.84	144.82
		For 150 LB Rating, Add	*102.37*	
		For 250 LB Rating, Add	*148.61*	
		For Chain Operated Type, Add	*165.12*	
		For Work In Restricted Working Space, Add	*54.48*	
23 05 23 00-0244	EA	3" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	608.80	169.80
		For 150 LB Rating, Add	*122.85*	
		For 250 LB Rating, Add	*178.33*	
		For Chain Operated Type, Add	*198.15*	
		For Work In Restricted Working Space, Add	*63.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0245	EA	4" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	885.09	284.65
		For 150 LB Rating, Add	*163.80*	
		For 250 LB Rating, Add	*237.77*	
		For Chain Operated Type, Add	*264.19*	
		For Work In Restricted Working Space, Add	*107.01*	
23 05 23 00-0246	EA	5" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,127.12	314.35
		For 150 LB Rating, Add	*227.78*	
		For 250 LB Rating, Add	*330.65*	
		For Chain Operated Type, Add	*367.39*	
		For Work In Restricted Working Space, Add	*117.70*	
23 05 23 00-0247	EA	6" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,366.98	349.29
		For 150 LB Rating, Add	*287.93*	
		For 250 LB Rating, Add	*417.96*	
		For Chain Operated Type, Add	*464.40*	
		For Work In Restricted Working Space, Add	*131.45*	
23 05 23 00-0248	EA	8" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,982.71	446.31
		For 150 LB Rating, Add	*442.77*	
		For 250 LB Rating, Add	*642.73*	
		For Chain Operated Type, Add	*714.15*	
		For Work In Restricted Working Space, Add	*166.33*	
23 05 23 00-0249	EA	10" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	2,854.61	543.34
		For 150 LB Rating, Add	*674.39*	
		For 250 LB Rating, Add	*978.95*	
		For Chain Operated Type, Add	*1,087.73*	
		For Work In Restricted Working Space, Add	*203.75*	
23 05 23 00-0250	EA	12" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	4,939.78	659.76
		For 150 LB Rating, Add	*1,276.13*	
		For 250 LB Rating, Add	*1,852.45*	
		For Chain Operated Type, Add	*2,058.28*	
		For Work In Restricted Working Space, Add	*246.97*	

23 05 23 00-0251 Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valves *(23 05 23 00-0223)*

23 05 23 00-0252	EA	1/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	62.57	10.85
		For 150 LB Rating, Add	*8.55*	
		For 200 LB Rating, Add	*10.48*	
		For 300 LB Rating, Add	*15.17*	
		For Work In Restricted Working Space, Add	*10.50*	
23 05 23 00-0253	EA	1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	59.16	10.85
		For 150 LB Rating, Add	*8.55*	
		For 200 LB Rating, Add	*10.48*	
		For 300 LB Rating, Add	*15.17*	
		For Work In Restricted Working Space, Add	*9.47*	
23 05 23 00-0254	EA	3/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	60.82	10.85
		For 150 LB Rating, Add	*8.55*	
		For 200 LB Rating, Add	*10.48*	
		For 300 LB Rating, Add	*15.17*	
		For Work In Restricted Working Space, Add	*9.97*	
23 05 23 00-0255	EA	1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	64.41	10.85
		For 150 LB Rating, Add	*9.12*	
		For 200 LB Rating, Add	*11.18*	
		For 300 LB Rating, Add	*16.18*	
		For Work In Restricted Working Space, Add	*10.50*	
23 05 23 00-0256	EA	3/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	87.94	11.38
		For 150 LB Rating, Add	*12.64*	
		For 200 LB Rating, Add	*15.50*	
		For 300 LB Rating, Add	*22.43*	
		For Work In Restricted Working Space, Add	*14.15*	
23 05 23 00-0257	EA	1" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	110.61	11.38
		For 150 LB Rating, Add	*16.59*	
		For 200 LB Rating, Add	*20.34*	
		For 300 LB Rating, Add	*29.44*	
		For Work In Restricted Working Space, Add	*17.12*	
23 05 23 00-0258	EA	1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	151.83	14.43
		For 150 LB Rating, Add	*24.65*	
		For 200 LB Rating, Add	*30.22*	
		For 300 LB Rating, Add	*43.74*	
		For Work In Restricted Working Space, Add	*21.69*	
23 05 23 00-0259	EA	1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	176.14	16.70
		For 150 LB Rating, Add	*28.74*	
		For 200 LB Rating, Add	*35.23*	
		For 300 LB Rating, Add	*50.99*	
		For Work In Restricted Working Space, Add	*25.03*	
23 05 23 00-0260	EA	2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	238.24	19.73
		For 150 LB Rating, Add	*43.29*	
		For 200 LB Rating, Add	*53.06*	
		For 300 LB Rating, Add	*76.80*	
		For Work In Restricted Working Space, Add	*29.58*	
23 05 23 00-0261	EA	2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	396.50	28.96
		For 150 LB Rating, Add	*78.09*	
		For 200 LB Rating, Add	*95.72*	
		For 300 LB Rating, Add	*138.54*	
		For Work In Restricted Working Space, Add	*43.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0262	EA	3" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	593.44	33.63
		For 150 LB Rating, Add	*132.24*	
		For 200 LB Rating, Add	*162.10*	
		For 300 LB Rating, Add	*234.62*	
		For Work In Restricted Working Space, Add	*50.06*	
23 05 23 00-0263		**Flanged, 125 LB, Iron Body, Angle Globe Valves** *(23 05 23 00-0223)*		
23 05 23 00-0264	EA	2" Flanged, 125 LB, Iron Body, Angle Globe Valve	877.74	144.58
		For 250 LB Rating, Add	*418.19*	
		For Chain Operated Type, Add	*271.82*	
		For Work In Restricted Working Space, Add	*54.23*	
23 05 23 00-0265	EA	2-1/2" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,005.90	144.82
		For 250 LB Rating, Add	*494.58*	
		For Chain Operated Type, Add	*321.48*	
		For Work In Restricted Working Space, Add	*54.48*	
23 05 23 00-0266	EA	3" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,183.88	169.80
		For 250 LB Rating, Add	*582.82*	
		For Chain Operated Type, Add	*378.83*	
		For Work In Restricted Working Space, Add	*63.75*	
23 05 23 00-0267	EA	4" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,744.10	284.65
		For 250 LB Rating, Add	*832.43*	
		For Chain Operated Type, Add	*541.08*	
		For Work In Restricted Working Space, Add	*107.01*	
23 05 23 00-0268	EA	5" Flanged, 125 LB, Iron Body, Angle Globe Valve	2,878.81	314.35
		For 250 LB Rating, Add	*1,491.88*	
		For Chain Operated Type, Add	*969.72*	
		For Work In Restricted Working Space, Add	*117.70*	
23 05 23 00-0269	EA	6" Flanged, 125 LB, Iron Body, Angle Globe Valve	2,924.65	349.29
		For 250 LB Rating, Add	*1,491.88*	
		For Chain Operated Type, Add	*969.72*	
		For Work In Restricted Working Space, Add	*131.45*	
23 05 23 00-0270	EA	8" Flanged, 125 LB, Iron Body, Angle Globe Valve	5,420.94	446.31
		For 250 LB Rating, Add	*2,919.91*	
		For Chain Operated Type, Add	*1,897.94*	
		For Work In Restricted Working Space, Add	*166.33*	
23 05 23 00-0271		**Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valves** *(23 05 23 00-0223)*		
		Note: 800 PSIG at 850 degrees F.		
23 05 23 00-0272	EA	1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	207.99	17.57
		For Work In Restricted Working Space, Add	*9.47*	
23 05 23 00-0273	EA	1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	211.40	17.57
		For Work In Restricted Working Space, Add	*10.50*	
23 05 23 00-0274	EA	3/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	247.84	23.64
		For Work In Restricted Working Space, Add	*14.15*	
23 05 23 00-0275	EA	1" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	306.32	28.53
		For Work In Restricted Working Space, Add	*17.12*	
23 05 23 00-0276	EA	1-1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	499.58	36.11
		For Work In Restricted Working Space, Add	*21.69*	
23 05 23 00-0277	EA	1-1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	599.72	41.75
		For Work In Restricted Working Space, Add	*25.03*	
23 05 23 00-0278	EA	2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	763.79	49.35
		For Work In Restricted Working Space, Add	*29.58*	
23 05 23 00-0279		**Triple Duty Valves** *(23 05 23)*		
		Note: Valves function as a shut-off, check valve and calibrated balancing valve.		
23 05 23 00-0280		**Straight Pattern, Triple Duty Valves** *(23 05 23 00-0279)*		
		Note: Bell & Gossett 3DX and 3DS-S Series.		
23 05 23 00-0281	EA	1" Threaded, Straight Pattern, Triple Duty Valve	302.91	11.38
23 05 23 00-0282	EA	1-1/4" Threaded, Straight Pattern, Triple Duty Valve	350.57	14.43
23 05 23 00-0283	EA	1-1/2" Threaded, Straight Pattern, Triple Duty Valve	380.29	16.70
23 05 23 00-0284	EA	2" Flanged, Straight Pattern, Triple Duty Valve	987.94	144.58
23 05 23 00-0285	EA	2-1/2" Flanged, Straight Pattern, Triple Duty Valve	1,114.03	144.82
23 05 23 00-0286	EA	3" Flanged, Straight Pattern, Triple Duty Valve	1,219.16	169.80
23 05 23 00-0287	EA	4" Flanged, Straight Pattern, Triple Duty Valve	2,499.91	284.65
23 05 23 00-0288	EA	5" Flanged, Straight Pattern Triple Duty Valve	2,920.57	314.35
23 05 23 00-0289	EA	6" Flanged, Straight Pattern, Triple Duty Valve	3,889.57	349.29
23 05 23 00-0290	EA	8" Flanged, Straight Pattern, Triple Duty Valve	5,239.77	446.31
23 05 23 00-0291	EA	10" Flanged, Straight Pattern, Triple Duty Valve	8,416.95	543.34
23 05 23 00-0292		**Flanged, Angle Pattern, Triple Duty Valves** *(23 05 23 00-0279)*		
		Note: Bell & Gossett 3D-S Series.		
23 05 23 00-0293	EA	2" Flanged, Angle Pattern, Triple Duty Valve	964.74	144.58
23 05 23 00-0294	EA	2-1/2" Flanged, Angle Pattern, Triple Duty Valve	1,086.20	144.82
23 05 23 00-0295	EA	3" Flanged, Angle Pattern, Triple Duty Valve	1,195.97	169.80
23 05 23 00-0296	EA	4" Flanged, Angle Pattern, Triple Duty Valve	2,439.60	284.65
23 05 23 00-0297	EA	5" Flanged, Angle Pattern, Triple Duty Valve	2,846.35	314.35
23 05 23 00-0298	EA	6" Flanged, Angle Pattern, Triple Duty Valve	3,193.72	349.29
23 05 23 00-0299	EA	8" Flanged, Angle Pattern, Triple Duty Valve	4,910.40	446.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0300	EA	10" Flanged, Angle Pattern, Triple Duty Valve	6,566.00	543.34
23 05 23 00-0301		**Balanced, Straight Pattern, Triple Duty Valves** *(23 05 23 00-0279)*		
		Note: Bell & Gossett 3DS-B Series.		
23 05 23 00-0302	EA	3" Flanged, Balanced, Straight Pattern, Triple Duty Valve	1,117.11	169.80
23 05 23 00-0303	EA	4" Flanged, Balanced, Straight Pattern, Triple Duty Valve	2,230.85	284.65
23 05 23 00-0304	EA	5" Flanged, Balanced, Straight Pattern, Triple Duty Valve	2,609.76	314.35
23 05 23 00-0305	EA	6" Flanged, Balanced, Straight Pattern, Triple Duty Valve	3,467.42	349.29
23 05 23 00-0306	EA	8" Flanged, Balanced, Straight Pattern, Triple Duty Valve	4,664.54	446.31
23 05 23 00-0307	EA	10" Flanged, Balanced, Straight Pattern, Triple Duty Valve	7,456.68	543.34
23 05 23 00-0308	EA	12" Flanged, Balanced, Straight Pattern, Triple Duty Valve	11,233.21	659.76
23 05 23 00-0309	EA	14" Flanged, Balanced, Straight Pattern, Triple Duty Valve	13,654.89	776.19
23 05 23 00-0310	EA	16" Flanged, Balanced, Straight Pattern, Triple Duty Valve	17,114.36	853.81
23 05 23 00-0311		**Grooved Straight Pattern, Triple Duty Valves** *(23 05 23 00-0279)*		
		Note: Bell & Gossett 3DS-G Series.		
23 05 23 00-0312	EA	2" Grooved, Straight Pattern, Triple Duty Valve	1,060.16	26.79
23 05 23 00-0313	EA	2-1/2" Grooved, Straight Pattern, Triple Duty Valve	1,263.65	31.96
23 05 23 00-0314	EA	3" Grooved, Straight Pattern, Triple Duty Valve	1,471.46	34.66
23 05 23 00-0315	EA	4" Grooved, Straight Pattern, Triple Duty Valve	2,445.49	37.35
23 05 23 00-0316	EA	5" Grooved, Straight Pattern, Triple Duty Valve	2,833.92	49.48
23 05 23 00-0317	EA	6" Grooved, Straight Pattern Triple Duty Valve	3,778.41	63.45
23 05 23 00-0318	EA	8" Grooved, Straight Pattern Triple Duty Valve	5,139.66	80.53
23 05 23 00-0319	EA	10" Grooved, Straight Pattern Triple Duty Valve	8,114.85	90.23
23 05 23 00-0320	EA	12" Grooved, Straight Pattern Triple Duty Valve	12,888.25	110.02
23 05 23 00-0321		**Plug Valves** *(23 05 23)*		
23 05 23 00-0322		**Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated** *(23 05 23 00-0321)*		
		Note: Includes wrench.		
23 05 23 00-0323	EA	1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	293.03	10.85
23 05 23 00-0324	EA	3/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	305.19	11.93
23 05 23 00-0325	EA	1" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	386.21	13.56
23 05 23 00-0326	EA	1-1/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	462.00	14.43
23 05 23 00-0327	EA	1-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	507.35	16.70
23 05 23 00-0328	EA	2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	598.87	19.73
23 05 23 00-0329	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	899.38	26.67
23 05 23 00-0330	EA	3" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	1,101.55	30.96
23 05 23 00-0331		**Plug Valves, Lubricated, Semisteel Flanged** *(23 05 23 00-0321)*		
		Note: Wrench operated for 4", gear operated for 6" and 10".		
23 05 23 00-0332	EA	2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	470.05	144.58
23 05 23 00-0333	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	562.66	144.82
23 05 23 00-0334	EA	3" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	691.33	169.80
23 05 23 00-0335	EA	4" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	1,005.11	284.65
23 05 23 00-0336	EA	6" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	2,167.91	349.29
23 05 23 00-0337	EA	8" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	3,670.73	446.31
23 05 23 00-0338	EA	10" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	5,872.34	543.34
23 05 23 00-0339	EA	12" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	8,705.77	659.76
23 05 23 00-0340	EA	14" Diameter Plug Valve, Semi-Steel, Flanged, 150 PSI, Wrench Operated, With Wrench	14,201.83	946.12
23 05 23 00-0341	EA	16" Diameter Plug Valve, Semi-Steel, Flanged, 150 PSI, Wrench Operated, With Wrench	15,191.94	1,040.72
23 05 23 00-0342	EA	18" Diameter Plug Valve, Semi-Steel, Flanged, 150 PSI, Wrench Operated, With Wrench	18,254.65	1,154.26
23 05 23 00-0343	EA	20" Diameter Plug Valve, Semi-Steel, Flanged, 150 PSI, Wrench Operated, With Wrench	23,409.69	1,300.90
23 05 23 00-0344	EA	24" Diameter Plug Valve, Semi-Steel, Flanged, 150 PSI, Wrench Operated, With Wrench	29,368.14	1,596.56
23 05 23 00-0345		**Plug Valves, Forged Steel, Screwed** *(23 05 23 00-0321)*		
23 05 23 00-0346	EA	1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,138.71	10.85
23 05 23 00-0347	EA	3/4" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,344.79	11.93
23 05 23 00-0348	EA	1" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,519.92	13.56
23 05 23 00-0349	EA	1-1/4" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,823.25	14.43
23 05 23 00-0350	EA	1-1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed	2,123.27	16.70
23 05 23 00-0351	EA	2" Plug Valve, 1,500 LB, Forged Steel, Screwed	2,794.44	19.73
23 05 23 00-0352		**Plug Valves, Eccentric, Cast Iron Flanged** *(23 05 23 00-0321)*		
23 05 23 00-0353	EA	4" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,110.71	284.65
23 05 23 00-0354	EA	6" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,731.09	349.29
23 05 23 00-0355	EA	8" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	2,356.60	446.31
23 05 23 00-0356	EA	10" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	3,346.59	543.34
23 05 23 00-0357	EA	12" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	4,323.74	659.76
23 05 23 00-0358		**Foot Valves** *(23 05 23)*		
23 05 23 00-0359		**Single Poppet Foot Valves, Metal To Metal Seat Construction** *(23 05 23 00-0358)*		
23 05 23 00-0360	EA	1" Single Poppet Foot Valve, Metal To Metal Seat Construction	92.43	27.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0361	EA	1-1/4" Single Poppet Foot Valve, Metal To Metal Seat Construction	105.26	30.38
23 05 23 00-0362	EA	1-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction	135.88	34.72
23 05 23 00-0363	EA	2" Single Poppet Foot Valve, Metal To Metal Seat Construction	179.96	39.06
23 05 23 00-0364	EA	2-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction	415.21	64.01
23 05 23 00-0365	EA	3" Single Poppet Foot Valve, Metal To Metal Seat Construction	531.69	78.12
23 05 23 00-0366		Double Poppet Foot Valves, Metal To Metal Seat Construction *(23 05 23 00-0358)*		
23 05 23 00-0367	EA	1" Double Poppet Foot Valve, Metal To Metal Seat Construction	92.43	27.13
23 05 23 00-0368	EA	1-1/4" Double Poppet Foot Valve, Metal To Metal Seat Construction	203.37	30.38
23 05 23 00-0369	EA	1-1/2" Double Poppet Foot Valve, Metal To Metal Seat Construction	192.48	34.72
23 05 23 00-0370	EA	2" Double Poppet Foot Valve, Metal To Metal Seat Construction	262.93	39.06
23 05 23 00-0371	EA	3" Double Poppet Foot Valve, Metal To Metal Seat Construction	518.09	64.01
23 05 23 00-0372	EA	4" Double Poppet Foot Valve, Metal To Metal Seat Construction	706.25	77.04
23 05 23 00-0373		Float Valves *(23 05 23)*		
23 05 23 00-0374		Float Valve Assembly For Maintaining Liquid Level In Tanks *(23 05 23 00-0373)*		
23 05 23 00-0375		Single Seat, Bronze Construction *(23 05 23 00-0374)*		
		Note: For storage tanks, reservoirs, cooling towers and filtration plants.		
23 05 23 00-0376	EA	Inlet Size 1/2", Maximum PSI 100, Single Seat Float Valve	222.92	22.78
23 05 23 00-0377	EA	Inlet Size 3/4", Maximum PSI 100, Single Seat Float Valve	255.33	27.12
23 05 23 00-0378	EA	Inlet Size 1", Maximum PSI 100, Single Seat Float Valve	332.58	29.28
23 05 23 00-0379	EA	Inlet Size 1-1/4", Maximum PSI 90, Single Seat Float Valve	557.27	36.88
23 05 23 00-0380	EA	Inlet Size 1-1/2", Maximum PSI 90, Single Seat Float Valve	568.12	42.30
23 05 23 00-0381		Double Seat, Bronze Construction *(23 05 23 00-0374)*		
		Note: For hot or cold water or oil to open tanks.		
23 05 23 00-0382	EA	Pipe Size 1/2" Maximum PSI 150, Double Seat Float Valve	1,215.96	22.78
23 05 23 00-0383	EA	Pipe Size 3/4" Maximum PSI 150, Double Seat Float Valve	1,224.64	27.12
23 05 23 00-0384	EA	Pipe Size 1" Maximum PSI 150, Double Seat Float Valve	1,414.10	29.28
23 05 23 00-0385	EA	Pipe Size 1-1/4" Maximum PSI 150, Double Seat Float Valve	1,562.28	36.88
23 05 23 00-0386	EA	Pipe Size 1-1/2" Maximum PSI 150, Double Seat Float Valve	1,785.93	42.30
23 05 23 00-0387	EA	Pipe Size 2" Maximum PSI 150, Double Seat Float Valve	2,343.77	49.89
23 05 23 00-0388	EA	Pipe Size 2-1/2" Maximum PSI 150, Double Seat Float Valve	2,723.71	66.92
23 05 23 00-0389	EA	Pipe Size 3" Maximum PSI 150, Double Seat Float Valve	3,276.69	76.91
23 05 23 00-0390		Float Valve Single Seated Balanced For Air Oil Or Water *(23 05 23 00-0373)*		
		Note: Includes arm, ball and bracket.		
23 05 23 00-0391		Brass Body Threaded Ends *(23 05 23 00-0390)*		
23 05 23 00-0392	EA	1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	232.13	29.39
23 05 23 00-0393	EA	3/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	262.56	32.65
23 05 23 00-0394	EA	1" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	326.25	36.11
23 05 23 00-0395	EA	1-1/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	521.34	58.35
23 05 23 00-0396	EA	1-1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	544.75	66.49
23 05 23 00-0397	EA	2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	611.58	82.42
23 05 23 00-0398		Cast Iron Body Flanged *(23 05 23 00-0390)*		
23 05 23 00-0399	EA	2-1/2" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket	7,661.06	144.82
23 05 23 00-0400	EA	3" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket	9,264.09	169.80
23 05 23 00-0401		Float Operated Valves *(23 05 23 00-0373)*		
23 05 23 00-0402		For Condensate Receivers Tanks And Vessels *(23 05 23 00-0401)*		
		Note: Cast iron body, self-contained, float in-line mount.		
23 05 23 00-0403	EA	1" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	846.50	50.97
23 05 23 00-0404		For Condensate Receivers Tanks And Vessels *(23 05 23 00-0401)*		
		Note: Cast iron body, external float tank mount, flanged.		
23 05 23 00-0405	EA	3/4" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	1,060.08	94.88
23 05 23 00-0406		Needle Valves *(23 05 23)*		
23 05 23 00-0407		Bronze Needle Valve *(23 05 23 00-0406)*		
		Note: For heating and cooling applications.		
23 05 23 00-0408	EA	1/4" Needle Valve, Bronze	115.42	10.85
23 05 23 00-0409	EA	3/8" Needle Valve, Bronze	128.90	10.85
23 05 23 00-0410	EA	1/2" Needle Valve, Bronze	141.13	10.85
23 05 23 00-0411	EA	3/4" Needle Valve, Bronze	214.79	11.93
23 05 23 00-0412	EA	1" Needle Valve, Bronze	330.53	13.56
23 05 23 00-0413		Eccentric Valves With Taps *(23 05 23)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0414		Screwed Eccentric Valves With Taps *(23 05 23 00-0413)*		
23 05 23 00-0415	EA	1/2" Diameter Eccentric Valves With Taps, Screwed	431.65	10.85
23 05 23 00-0416	EA	3/4" Diameter Eccentric Valves With Taps, Screwed	449.91	11.93
23 05 23 00-0417	EA	1" Diameter Eccentric Valves With Taps, Screwed	569.69	13.56
23 05 23 00-0418	EA	1-1/4" Diameter Eccentric Valves With Taps, Screwed	688.66	14.43
23 05 23 00-0419	EA	1-1/2" Diameter Eccentric Valves With Taps, Screwed	748.60	16.70
23 05 23 00-0420	EA	2" Diameter Eccentric Valves With Taps, Screwed	879.72	19.73
23 05 23 00-0421	EA	2-1/2" Diameter Eccentric Valves With Taps, Screwed	1,341.46	26.67
23 05 23 00-0422	EA	3" Diameter Eccentric Valves With Taps, Screwed	1,636.56	30.96
23 05 23 00-0423		Flanged Eccentric Valves With Taps *(23 05 23 00-0413)*		
23 05 23 00-0424	EA	2-1/2" Diameter Eccentric Valves With Taps, Flanged	1,615.68	144.82
23 05 23 00-0425	EA	3" Diameter Eccentric Valves With Taps, Flanged	1,921.20	169.80
23 05 23 00-0426	EA	4" Diameter Eccentric Valves With Taps, Flanged	2,523.09	284.65
23 05 23 00-0427	EA	5" Diameter Eccentric Valves With Taps, Flanged	3,443.58	314.35
23 05 23 00-0428	EA	6" Diameter Eccentric Valves With Taps, Flanged	4,404.79	349.29
23 05 23 00-0429	EA	8" Diameter Eccentric Valves With Taps, Flanged	7,724.83	446.31
23 05 23 00-0430	EA	10" Diameter Eccentric Valves With Taps, Flanged	10,900.81	543.34
23 05 23 00-0431	EA	12" Diameter Eccentric Valves With Taps, Flanged	18,978.11	659.76
23 05 23 00-0432		Earthquake-Sensitive Gas Shut-Off Valve *(23 05 23)*		
23 05 23 00-0433		0.5 PSI Threaded Earthquake Gas Shutoff Valves *(23 05 23 00-0432)*		
23 05 23 00-0434	EA	3/4" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve	161.51	11.93
23 05 23 00-0435	EA	1" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve	182.98	13.56
23 05 23 00-0436		7 PSI Threaded Earthquake Gas Shutoff Valves *(23 05 23 00-0432)*		
23 05 23 00-0437	EA	1-1/4" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve	213.95	14.43
23 05 23 00-0438	EA	1-1/2" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve	288.02	16.70
23 05 23 00-0439		60 PSI Threaded Earthquake Gas Shutoff Valves *(23 05 23 00-0432)*		
23 05 23 00-0440	EA	3/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	199.28	11.93
23 05 23 00-0441	EA	1" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	209.21	13.56
23 05 23 00-0442	EA	1-1/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	234.94	14.43
23 05 23 00-0443	EA	1-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	319.50	16.70
23 05 23 00-0444	EA	2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	728.12	19.73
23 05 23 00-0445	EA	2-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	867.14	26.57
23 05 23 00-0446	EA	3" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	1,124.17	30.96
23 05 23 00-0447	EA	4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	1,302.69	34.95
23 05 23 00-0448		60 PSI Flanged Earthquake Gas Shutoff Valves *(23 05 23 00-0432)*		
23 05 23 00-0449	EA	2" Flanged, 60 PSI Earthquake Gas Shutoff Valve	1,020.12	144.58
23 05 23 00-0450	EA	3" Flanged, 60 PSI Earthquake Gas Shutoff Valve	1,256.46	169.80
23 05 23 00-0451	EA	4" Flanged, 60 PSI Earthquake Gas Shutoff Valve	1,773.13	284.65
23 05 23 00-0452	EA	6" Flanged, 60 PSI Earthquake Gas Shutoff Valve	2,903.80	349.29
23 05 23 00-0453	EA	8" Flanged, 60 PSI Earthquake Gas Shutoff Valve	7,793.90	446.31
23 05 23 00-0454		Emergency Shut-Off Valve With Fusible Link *(23 05 23)*		
23 05 23 00-0455		Threaded, Fusible Brass Gate Valves (Morrison Bros. 939) *(23 05 23 00-0454)* Note: Brass globe/gate valve used to shut off product flow in the event of a fire. Fusible element in the handwheel automatically closes the valve when in contact with 165° F.		
23 05 23 00-0456	EA	1/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	71.52	17.46
		For Work In Restricted Working Space, Add	*9.47*	
23 05 23 00-0457	EA	3/8" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	73.22	18.43
		For Work In Restricted Working Space, Add	*9.98*	
23 05 23 00-0458	EA	1/2" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	117.18	17.46
		For Work In Restricted Working Space, Add	*10.50*	
23 05 23 00-0459	EA	3/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	229.66	23.53
		For Work In Restricted Working Space, Add	*14.15*	
23 05 23 00-0460	EA	1" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	574.50	28.53
		For Work In Restricted Working Space, Add	*17.12*	
23 05 23 00-0461		Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) *(23 05 23 00-0454)* Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.		
23 05 23 00-0462	EA	1-1/2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	440.83	16.70
23 05 23 00-0463	EA	2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	476.16	19.73
23 05 23 00-0464	EA	3" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	798.94	30.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0465		Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) *(23 05 23 00-0454)* Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.		
23 05 23 00-0466	EA	2" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	643.71	144.58
23 05 23 00-0467	EA	3" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	1,042.19	169.80
23 05 23 00-0468	EA	4" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	2,373.93	284.65
23 05 23 00-0469		Check Valves *(23 05 23)*		
23 05 23 00-0470		Iron Body Wafer Type Check Valve *(23 05 23 00-0469)*		
23 05 23 00-0471		Single Disk Type *(23 05 23 00-0470)*		
23 05 23 00-0472	EA	2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	451.46	144.64
		For 150 LB Rating, Add	*56.83*	
		For 200 LB Rating, Add	*67.66*	
		For 300 LB Rating, Add	*81.19*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*157.95*	
23 05 23 00-0473	EA	2-1/2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	536.26	144.91
		For 150 LB Rating, Add	*74.46*	
		For 200 LB Rating, Add	*88.64*	
		For 300 LB Rating, Add	*106.37*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*195.89*	
23 05 23 00-0474	EA	3" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	660.79	169.90
		For 150 LB Rating, Add	*94.11*	
		For 200 LB Rating, Add	*112.04*	
		For 300 LB Rating, Add	*134.45*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*244.20*	
23 05 23 00-0475	EA	4" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	963.92	284.82
		For 150 LB Rating, Add	*127.47*	
		For 200 LB Rating, Add	*151.75*	
		For 300 LB Rating, Add	*182.10*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*344.53*	
23 05 23 00-0476	EA	6" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	1,450.46	399.75
		For 150 LB Rating, Add	*199.66*	
		For 200 LB Rating, Add	*237.70*	
		For 300 LB Rating, Add	*285.23*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*527.79*	
23 05 23 00-0477	EA	8" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	2,031.64	459.71
		For 150 LB Rating, Add	*306.41*	
		For 200 LB Rating, Add	*364.77*	
		For 300 LB Rating, Add	*437.72*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*771.10*	
23 05 23 00-0478	EA	10" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	3,035.12	559.65
		For 150 LB Rating, Add	*489.39*	
		For 200 LB Rating, Add	*582.61*	
		For 300 LB Rating, Add	*699.13*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*1,189.63*	
23 05 23 00-0479		Twin Disc Type *(23 05 23 00-0470)*		
23 05 23 00-0480	EA	2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	611.65	144.64
		For 150 LB Rating, Add	*90.47*	
		For 200 LB Rating, Add	*107.70*	
		For 300 LB Rating, Add	*129.24*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*230.03*	
23 05 23 00-0481	EA	2-1/2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	698.73	144.91
		For 150 LB Rating, Add	*108.58*	
		For 200 LB Rating, Add	*129.26*	
		For 300 LB Rating, Add	*155.11*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*269.00*	
23 05 23 00-0482	EA	3" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	815.87	169.90
		For 150 LB Rating, Add	*126.68*	
		For 200 LB Rating, Add	*150.81*	
		For 300 LB Rating, Add	*180.97*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*313.98*	
23 05 23 00-0483	EA	4" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,122.99	284.82
		For 150 LB Rating, Add	*160.87*	
		For 200 LB Rating, Add	*191.52*	
		For 300 LB Rating, Add	*229.82*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*416.12*	
23 05 23 00-0484	EA	6" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,735.01	399.75
		For 150 LB Rating, Add	*259.42*	
		For 200 LB Rating, Add	*308.83*	
		For 300 LB Rating, Add	*370.60*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*655.83*	
23 05 23 00-0485	EA	8" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	2,457.62	459.71
		For 150 LB Rating, Add	*396.18*	
		For 200 LB Rating, Add	*471.64*	
		For 300 LB Rating, Add	*565.97*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*963.16*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0486		EA	10" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	3,687.57	549.65
			For 150 LB Rating, Add	*627.42*	
			For 200 LB Rating, Add	*746.93*	
			For 300 LB Rating, Add	*896.32*	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*1,484.45*	
23 05 23 00-0487		EA	12" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	4,849.84	679.57
			For 150 LB Rating, Add	*840.61*	
			For 200 LB Rating, Add	*1,000.73*	
			For 300 LB Rating, Add	*1,200.87*	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*1,970.70*	
23 05 23 00-0488		EA	14" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	9,213.28	805.14
			For 150 LB Rating, Add	*1,709.35*	
			For 200 LB Rating, Add	*2,034.94*	
			For 300 LB Rating, Add	*2,441.93*	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*3,877.59*	
23 05 23 00-0489		EA	16" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	12,672.31	944.70
			For 150 LB Rating, Add	*2,413.20*	
			For 200 LB Rating, Add	*2,872.86*	
			For 300 LB Rating, Add	*3,447.43*	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*5,407.32*	
23 05 23 00-0490		EA	18" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	16,914.51	1,052.06
			For 150 LB Rating, Add	*3,276.51*	
			For 200 LB Rating, Add	*3,900.61*	
			For 300 LB Rating, Add	*4,680.73*	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*7,283.51*	
23 05 23 00-0491		EA	20" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	20,134.66	1,180.88
			For 150 LB Rating, Add	*3,918.30*	
			For 200 LB Rating, Add	*4,664.64*	
			For 300 LB Rating, Add	*5,597.57*	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*8,691.57*	
23 05 23 00-0492		EA	24" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	26,333.45	1,449.25
			For 150 LB Rating, Add	*5,148.51*	
			For 200 LB Rating, Add	*6,129.18*	
			For 300 LB Rating, Add	*7,355.02*	
			For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*11,395.87*	

23 05 23 00-0493 Lift Check Valves *(23 05 23 00-0469)*

23 05 23 00-0494 Bronze Body, Threaded, Vertical Lift Check Valves *(23 05 23 00-0493)*

Note: Watts #600 series.

23 05 23 00-0495		EA	3/8" Lift Check Valve, Bronze, Threaded	118.70	10.85
23 05 23 00-0496		EA	1/2" Lift Check Valve, Bronze, Threaded	125.62	10.85
23 05 23 00-0497		EA	3/4" Lift Check Valve, Bronze, Threaded	160.03	11.38
23 05 23 00-0498		EA	1" Lift Check Valve, Bronze, Threaded	211.13	11.38
23 05 23 00-0499		EA	1-1/4" Lift Check Valve, Bronze, Threaded	293.12	14.43
23 05 23 00-0500		EA	1-1/2" Lift Check Valve, Bronze, Threaded	356.84	16.70
23 05 23 00-0501		EA	2" Lift Check Valve, Bronze, Threaded	509.69	19.73

23 05 23 00-0502 Bronze Body, Threaded, 300 LB, Lift Check Valves *(23 05 23 00-0493)*

Note: Crane 366E.

23 05 23 00-0503		EA	1/2" Lift Check Valve, Bronze, Threaded, 300 LB	744.85	10.85
23 05 23 00-0504		EA	3/4" Lift Check Valve, Bronze, Threaded, 300 LB	904.50	11.38
23 05 23 00-0505		EA	1" Lift Check Valve, Bronze, Threaded, 300 LB	1,624.33	11.38
23 05 23 00-0506		EA	1-1/4" Lift Check Valve, Bronze, Threaded, 300 LB	2,165.04	14.43
23 05 23 00-0507		EA	1-1/2" Lift Check Valve, Bronze, Threaded, 300 LB	2,351.34	16.70
23 05 23 00-0508		EA	2" Lift Check Valve, Bronze, Threaded, 300 LB	3,021.01	19.73

23 05 23 00-0509 Iron Body, Flanged, 125 LB Vertical Lift Check Valves *(23 05 23 00-0493)*

Note: Mueller 105MAP.

23 05 23 00-0510		EA	2" Lift Check Valve, Iron Body, Flanged, 125 LB	1,080.62	144.58
23 05 23 00-0511		EA	2-1/2" Lift Check Valve, Iron Body, Flanged, 125 LB	1,182.65	144.82
23 05 23 00-0512		EA	3" Lift Check Valve, Iron Body, Flanged, 125 LB	1,291.87	169.80
23 05 23 00-0513		EA	4" Lift Check Valve, Iron Body, Flanged, 125 LB	1,807.21	284.65
23 05 23 00-0514		EA	5" Lift Check Valve, Iron Body, Flanged, 125 LB	2,258.24	314.35
23 05 23 00-0515		EA	6" Lift Check Valve, Iron Body, Flanged, 125 LB	2,775.66	349.29
23 05 23 00-0516		EA	8" Lift Check Valve, Iron Body, Flanged, 125 LB	4,832.71	446.31
23 05 23 00-0517		EA	10" Lift Check Valve, Iron Body, Flanged, 125 LB	6,065.76	543.34
23 05 23 00-0518		EA	12" Lift Check Valve, Iron Body, Flanged, 125 LB	9,785.00	659.76
23 05 23 00-0519		EA	14" Lift Check Valve, Iron Body, Flanged, 125 LB	13,392.71	946.12
23 05 23 00-0520		EA	16" Lift Check Valve, Iron Body, Flanged, 125 LB	14,838.89	1,040.72

23 05 23 00-0521 Bronze Body Swing Check Valves *(23 05 23 00-0469)*

23 05 23 00-0522 Bronze Body, Threaded, Brazed Or Soldered Installation, 125 LB, Swing Check Valves *(23 05 23 00-0521)*

23 05 23 00-0523		EA	1/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	79.86	10.85
			For 300 LB Rating, Add	*17.50*	
			For Work In Restricted Working Space, Add	*10.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0524	EA	1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	76.45	10.85
		For 300 LB Rating, Add	*17.50*	
		For Work In Restricted Working Space, Add	*9.47*	
23 05 23 00-0525	EA	3/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	78.11	10.85
		For 300 LB Rating, Add	*17.50*	
		For Work In Restricted Working Space, Add	*9.97*	
23 05 23 00-0526	EA	1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	81.61	10.85
		For 300 LB Rating, Add	*18.18*	
		For Work In Restricted Working Space, Add	*10.50*	
23 05 23 00-0527	EA	3/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	103.64	11.38
		For 300 LB Rating, Add	*22.03*	
		For Work In Restricted Working Space, Add	*14.15*	
23 05 23 00-0528	EA	1" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	133.79	11.38
		For 300 LB Rating, Add	*29.92*	
		For Work In Restricted Working Space, Add	*17.12*	
23 05 23 00-0529	EA	1-1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	179.98	14.43
		For 300 LB Rating, Add	*41.99*	
		For Work In Restricted Working Space, Add	*21.69*	
23 05 23 00-0530	EA	1-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	234.21	16.70
		For 300 LB Rating, Add	*58.80*	
		For Work In Restricted Working Space, Add	*25.03*	
23 05 23 00-0531	EA	2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	292.46	19.73
		For 300 LB Rating, Add	*75.61*	
		For Work In Restricted Working Space, Add	*29.58*	
23 05 23 00-0532	EA	2-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	578.82	26.67
		For 300 LB Rating, Add	*173.80*	
		For Work In Restricted Working Space, Add	*39.95*	
23 05 23 00-0533	EA	3" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	787.48	30.96
		For 300 LB Rating, Add	*247.19*	
		For Work In Restricted Working Space, Add	*46.10*	
23 05 23 00-0534	EA	4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	892.03	34.95
		For 300 LB Rating, Add	*279.72*	
		For Work In Restricted Working Space, Add	*52.44*	
23 05 23 00-0535		**125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves** *(23 05 23 00-0469)*		
23 05 23 00-0536	EA	1" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	387.71	81.34
		For 150 LB Rating, Add	*194.07*	
		For 250 LB Rating, Add	*371.01*	
		For Work In Restricted Working Space, Add	*30.70*	
23 05 23 00-0537	EA	1-1/4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	432.31	94.90
		For 150 LB Rating, Add	*213.81*	
		For 250 LB Rating, Add	*408.75*	
		For Work In Restricted Working Space, Add	*35.37*	
23 05 23 00-0538	EA	1-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	483.72	113.88
		For 150 LB Rating, Add	*231.89*	
		For 250 LB Rating, Add	*443.33*	
		For Work In Restricted Working Space, Add	*42.81*	
23 05 23 00-0539	EA	2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	604.30	144.58
		For 150 LB Rating, Add	*288.01*	
		For 250 LB Rating, Add	*550.60*	
		For Work In Restricted Working Space, Add	*54.23*	
23 05 23 00-0540	EA	2-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	675.90	144.82
		For 150 LB Rating, Add	*336.12*	
		For 250 LB Rating, Add	*642.59*	
		For Work In Restricted Working Space, Add	*54.48*	
23 05 23 00-0541	EA	3" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	749.66	169.80
		For 150 LB Rating, Add	*365.26*	
		For 250 LB Rating, Add	*698.30*	
		For Work In Restricted Working Space, Add	*63.75*	
23 05 23 00-0542	EA	4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,186.85	284.65
		For 150 LB Rating, Add	*564.50*	
		For 250 LB Rating, Add	*1,079.18*	
		For Work In Restricted Working Space, Add	*107.01*	
23 05 23 00-0543	EA	5" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,611.14	314.35
		For 150 LB Rating, Add	*828.78*	
		For 250 LB Rating, Add	*1,584.44*	
		For Work In Restricted Working Space, Add	*117.70*	
23 05 23 00-0544	EA	6" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,851.33	349.29
		For 150 LB Rating, Add	*960.94*	
		For 250 LB Rating, Add	*1,837.10*	
		For Work In Restricted Working Space, Add	*131.45*	
23 05 23 00-0545	EA	8" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	4,082.54	446.31
		For 150 LB Rating, Add	*2,399.12*	
		For 250 LB Rating, Add	*4,586.56*	
		For Work In Restricted Working Space, Add	*166.33*	
23 05 23 00-0546	EA	10" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	5,481.68	543.34
		For 150 LB Rating, Add	*3,265.71*	
		For 250 LB Rating, Add	*6,243.28*	
		For Work In Restricted Working Space, Add	*203.75*	
23 05 23 00-0547	EA	12" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	8,312.53	659.76
		For 150 LB Rating, Add	*5,092.72*	
		For 250 LB Rating, Add	*9,736.09*	
		For Work In Restricted Working Space, Add	*246.97*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0548		EA	14" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	9,661.55	946.12
			For 150 LB Rating, Add	*5,765.66*	
			For 250 LB Rating, Add	*11,022.58*	
			For Work In Restricted Working Space, Add	*354.79*	
23 05 23 00-0549		EA	16" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	13,650.37	1,040.72
			For 150 LB Rating, Add	*8,397.64*	
			For 250 LB Rating, Add	*16,054.31*	
			For Work In Restricted Working Space, Add	*390.27*	
23 05 23 00-0550		EA	18" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	20,852.72	1,154.26
			For 150 LB Rating, Add	*13,198.73*	
			For 250 LB Rating, Add	*25,232.87*	
			For Work In Restricted Working Space, Add	*432.85*	
23 05 23 00-0551		EA	20" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	28,641.45	1,300.90
			For 150 LB Rating, Add	*18,370.42*	
			For 250 LB Rating, Add	*35,119.92*	
			For Work In Restricted Working Space, Add	*487.84*	
23 05 23 00-0552		EA	24" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	39,815.47	1,596.56
			For 150 LB Rating, Add	*25,717.44*	
			For 250 LB Rating, Add	*49,165.69*	
			For Work In Restricted Working Space, Add	*598.71*	
23 05 23 00-0553			Class 800 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Piston Check, Swing Check Valves *(23 05 23 00-0469)*		
			Note: 800 PSIG at 850 Degrees F.		
23 05 23 00-0554		EA	1/2" Class 800, Threaded, Forged Steel Swing Check Valve	190.36	10.85
			For Work In Restricted Working Space, Add	*10.50*	
23 05 23 00-0555		EA	3/4" 800, Threaded, Forged Steel Swing Check Valve	223.56	11.93
			For Work In Restricted Working Space, Add	*14.15*	
23 05 23 00-0556		EA	1" Class 800, Threaded, Forged Steel Swing Check Valve	264.24	13.56
			For Work In Restricted Working Space, Add	*17.12*	
23 05 23 00-0557		EA	1-1/4" Class 800, Threaded, Forged Steel Swing Check Valve	411.11	14.43
			For Work In Restricted Working Space, Add	*21.69*	
23 05 23 00-0558		EA	1-1/2" 800, Threaded, Forged Steel Swing Check Valve	488.05	16.70
			For Work In Restricted Working Space, Add	*25.03*	
23 05 23 00-0559		EA	2" Class 800, Threaded, Forged Steel Swing Check Valve	661.83	19.73
			For Work In Restricted Working Space, Add	*29.58*	
23 05 23 00-0560			Swing Check Valves, 150 LB Polyvinyl Chloride (PVC) Socket Weld End Connections *(23 05 23 00-0469)*		
23 05 23 00-0561		EA	1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	78.14	10.85
			For Work In Restricted Working Space, Add	*10.50*	
23 05 23 00-0562		EA	3/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	90.30	11.93
			For Work In Restricted Working Space, Add	*14.15*	
23 05 23 00-0563		EA	1" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	101.93	13.56
			For Work In Restricted Working Space, Add	*17.12*	
23 05 23 00-0564		EA	1-1/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	119.01	14.43
			For Work In Restricted Working Space, Add	*21.69*	
23 05 23 00-0565		EA	1-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	132.84	16.70
			For Work In Restricted Working Space, Add	*25.03*	
23 05 23 00-0566		EA	2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	175.41	19.73
			For Work In Restricted Working Space, Add	*29.58*	
23 05 23 00-0567		EA	2-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	242.53	26.67
			For Work In Restricted Working Space, Add	*39.95*	
23 05 23 00-0568		EA	3" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	295.57	30.96
			For Work In Restricted Working Space, Add	*46.10*	
23 05 23 00-0569			Diaphragm Valves *(23 05 23)*		
23 05 23 00-0570			Polytetrafluoroethylene (PTFE) Or Viton Lined, Threaded Cast Iron Diaphragm Valves *(23 05 23 00-0569)*		
23 05 23 00-0571		EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	280.55	32.46
23 05 23 00-0572		EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	361.40	35.96
23 05 23 00-0573		EA	1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	390.18	44.45
23 05 23 00-0574		EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	620.66	66.42
23 05 23 00-0575		EA	2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	1,007.79	79.90
23 05 23 00-0576			Polytetrafluoroethylene (PTFE) Or Viton Lined, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0569)*		
23 05 23 00-0577		EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	278.75	52.06
23 05 23 00-0578		EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	324.41	54.23
23 05 23 00-0579		EA	1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	384.43	81.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0580	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	581.51	113.88
23 05 23 00-0581	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	924.08	144.58
23 05 23 00-0582	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	1,179.06	144.82
23 05 23 00-0583	EA	3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	1,464.07	169.80
23 05 23 00-0584	EA	4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	2,074.80	284.65
23 05 23 00-0585	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	4,287.32	349.29
23 05 23 00-0586	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	6,658.22	446.31
23 05 23 00-0587		Ethylene Propylene Diene Monomer (EPDM) Lined, Threaded Cast Iron Diaphragm Valves *(23 05 23 00-0569)*		
23 05 23 00-0588	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	168.28	32.46
23 05 23 00-0589	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	222.52	35.96
23 05 23 00-0590	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	251.30	44.45
23 05 23 00-0591	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	431.54	66.42
23 05 23 00-0592	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	567.52	79.90
23 05 23 00-0593		Ethylene Propylene Diene Monomer (EPDM) Lined, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0569)*		
23 05 23 00-0594	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	188.22	52.06
23 05 23 00-0595	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	219.21	54.23
23 05 23 00-0596	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	279.20	81.34
23 05 23 00-0597	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	438.24	113.88
23 05 23 00-0598	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	590.48	144.58
23 05 23 00-0599	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	715.78	144.82
23 05 23 00-0600	EA	3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	870.76	169.80
23 05 23 00-0601	EA	4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	1,375.42	284.65
23 05 23 00-0602	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	2,720.47	349.29
23 05 23 00-0603	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	4,173.06	446.31
23 05 23 00-0604		125 LB, Hand Wheel Operated, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0569)*		
23 05 23 00-0605	EA	1" Diaphragm Valve, Cast Iron, 125 LB, Flanged	352.73	81.34
23 05 23 00-0606	EA	1-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	569.87	113.88
23 05 23 00-0607	EA	2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	766.27	144.58
23 05 23 00-0608	EA	2-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	1,094.84	144.82
23 05 23 00-0609	EA	3" Diaphragm Valve, Cast Iron, 125 LB, Flanged	1,210.44	169.80
23 05 23 00-0610	EA	4" Diaphragm Valve, Cast Iron, 125 LB, Flanged	1,899.65	284.65
23 05 23 00-0611	EA	6" Diaphragm Valve, Cast Iron, 125 LB, Flanged	3,789.18	349.29
23 05 23 00-0612	EA	8" Diaphragm Valve, Cast Iron, 125 LB, Flanged	7,852.93	446.31
23 05 23 00-0613		Plastic Diaphragm Valves *(23 05 23 00-0569)*		
23 05 23 00-0614		Polyvinyl Chloride (PVC), True Union Socket Connections, Diaphragm Valves *(23 05 23 00-0613)*		
23 05 23 00-0615	EA	1/2" Polyvinyl Chloride (PVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 314)	185.95	32.46
23 05 23 00-0616	EA	3/4" Polyvinyl Chloride (PVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 314)	207.85	35.86
23 05 23 00-0617	EA	1" Polyvinyl Chloride (PVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 314)	262.96	44.45
23 05 23 00-0618	EA	1-1/4" Polyvinyl Chloride (PVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 314)	381.93	57.43
23 05 23 00-0619	EA	1-1/2" Polyvinyl Chloride (PVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 314)	401.83	66.52
23 05 23 00-0620	EA	2" Polyvinyl Chloride (PVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 314)	471.61	79.90
23 05 23 00-0621		Chlorinated Polyvinyl Chloride (CPVC), True Union Socket Connections, Diaphragm Valves *(23 05 23 00-0613)*		
23 05 23 00-0622	EA	1/2" Chlorinated Polyvinyl Chloride (CPVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 315)	262.26	32.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0623	EA	3/4" Chlorinated Polyvinyl Chloride (CPVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 315)	285.82	35.86
23 05 23 00-0624	EA	1" Chlorinated Polyvinyl Chloride (CPVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 315)	364.15	44.45
23 05 23 00-0625	EA	1-1/4" Chlorinated Polyvinyl Chloride (CPVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 315)	471.50	57.43
23 05 23 00-0626	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 315)	527.89	66.52
23 05 23 00-0627	EA	2" Chlorinated Polyvinyl Chloride (CPVC), True Union Socket Connections, Diaphragm Valve (George Fisher Type 315)	574.46	79.90
23 05 23 00-0628		Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0613)*		
23 05 23 00-0629		Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0628)*		
23 05 23 00-0630	EA	1/2" Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	129.35	32.46
23 05 23 00-0631	EA	3/4" Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	144.90	35.96
23 05 23 00-0632	EA	1" Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	180.15	44.45
23 05 23 00-0633	EA	1-1/4" Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	254.23	57.43
23 05 23 00-0634	EA	1-1/2" Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	272.20	66.42
23 05 23 00-0635	EA	2" Threaded, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	324.98	79.90
23 05 23 00-0636		Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0628)*		
23 05 23 00-0637	EA	1/2" Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	129.35	32.46
23 05 23 00-0638	EA	3/4" Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	144.90	35.96
23 05 23 00-0639	EA	1" Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	180.45	44.45
23 05 23 00-0640	EA	1-1/4" Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	254.23	57.43
23 05 23 00-0641	EA	1-1/2" Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	272.20	66.42
23 05 23 00-0642	EA	2" Socket, Viton Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	324.98	79.90
23 05 23 00-0643		Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0613)*		
23 05 23 00-0644		Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0643)*		
23 05 23 00-0645	EA	1/2" Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	116.44	32.46
23 05 23 00-0646	EA	3/4" Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	129.93	35.96
23 05 23 00-0647	EA	1" Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	161.87	44.45
23 05 23 00-0648	EA	1-1/4" Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	226.36	57.43
23 05 23 00-0649	EA	1-1/2" Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	244.33	66.42
23 05 23 00-0650	EA	2" Threaded, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	291.96	79.90
23 05 23 00-0651		Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0643)*		
23 05 23 00-0652	EA	1/2" Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	116.44	32.46
23 05 23 00-0653	EA	3/4" Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	129.93	35.96
23 05 23 00-0654	EA	1" Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	161.87	44.45
23 05 23 00-0655	EA	1-1/4" Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	226.36	57.43
23 05 23 00-0656	EA	1-1/2" Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	244.33	66.42
23 05 23 00-0657	EA	2" Socket, Ethylene Propylene Diene Monomer (EPDM) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	291.96	79.90
23 05 23 00-0658		Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0613)*		
23 05 23 00-0659		Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0658)*		
23 05 23 00-0660	EA	1/2" Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	148.66	32.46
23 05 23 00-0661	EA	3/4" Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	161.00	35.96
23 05 23 00-0662	EA	1" Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	220.01	44.45
23 05 23 00-0663	EA	1-1/4" Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	293.48	57.43
23 05 23 00-0664	EA	1-1/2" Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	311.45	66.42
23 05 23 00-0665	EA	2" Threaded, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	377.65	79.90
23 05 23 00-0666		Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valves *(23 05 23 00-0658)*		
23 05 23 00-0667	EA	1/2" Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	148.66	32.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0668	EA	3/4" Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	161.00	35.96
23 05 23 00-0669	EA	1" Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	220.01	44.45
23 05 23 00-0670	EA	1-1/4" Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	293.45	57.43
23 05 23 00-0671	EA	1-1/2" Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	311.45	66.42
23 05 23 00-0672	EA	2" Socket, Polytetrafluoroethylene (PTFE) Diaphragm, Polyvinyl Chloride (PVC) Diaphragm Valve	377.65	79.90
23 05 23 00-0673		Solenoid Valves *(23 05 23)*		
23 05 23 00-0674		Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure *(23 05 23 00-0673)*		
23 05 23 00-0675	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Water	125.48	10.85
23 05 23 00-0676	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Water	145.71	10.85
23 05 23 00-0677	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Water	186.39	11.93
23 05 23 00-0678	EA	1" Solenoid Valve, Bronze, 150 PSI, Water	275.17	13.56
23 05 23 00-0679	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Water	486.06	16.70
23 05 23 00-0680	EA	2" Solenoid Valve, Bronze, 150 PSI, Water	762.42	19.73
23 05 23 00-0681	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Water	1,038.51	26.67
23 05 23 00-0682	EA	3" Solenoid Valve, Bronze, 150 PSI, Water	1,508.17	30.96
23 05 23 00-0683		Flow Control Valves And Meters *(23 05 23)*		
23 05 23 00-0684		Conditioned Water Balancing Valves *(23 05 23 00-0683)*		
		Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off). Excludes portable read-out meter.		
23 05 23 00-0685	EA	1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	160.08	55.34
23 05 23 00-0686	EA	3/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	191.62	73.78
23 05 23 00-0687	EA	1" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,349.64	84.30
23 05 23 00-0688	EA	1-1/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,451.18	104.17
23 05 23 00-0689	EA	1-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,553.95	110.68
23 05 23 00-0690	EA	2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,661.09	126.52
23 05 23 00-0691	EA	2-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,949.98	220.26
23 05 23 00-0692	EA	3" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,838.28	251.74
23 05 23 00-0693	EA	3" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,841.25	169.90
23 05 23 00-0694	EA	4" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,572.78	284.82
23 05 23 00-0695	EA	6" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	3,983.94	359.77
23 05 23 00-0696	EA	8" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	5,364.57	459.71
23 05 23 00-0697	EA	10" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	7,629.64	559.65
23 05 23 00-0698		Read Out Meters *(23 05 23 00-0683)*		
		Note: For use with conditioned portable water balancing valves.		
23 05 23 00-0699	EA	0.5 - 25% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,233.60	
23 05 23 00-0700	EA	0.5 - 50% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,669.42	
23 05 23 00-0701	EA	0.5 - 75% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,669.42	
23 05 23 00-0702	EA	0.5 - 100% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,669.42	
23 05 23 00-0703		Balancing Valves *(23 05 23)*		
23 05 23 00-0704		Balancing Valves With Lever *(23 05 23 00-0703)*		
		Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0705	EA	1/2" Threaded Balancing Valve With Lever	254.55	34.17
23 05 23 00-0706	EA	3/4" Threaded Balancing Valve With Lever	281.95	45.03
23 05 23 00-0707	EA	1" Threaded Balancing Valve With Lever	537.30	51.54
23 05 23 00-0708	EA	1-1/4" Threaded Balancing Valve With Lever	578.59	64.01
23 05 23 00-0709	EA	1-1/2" Threaded Balancing Valve With Lever	607.63	67.81
23 05 23 00-0710	EA	2" Threaded Balancing Valve With Lever	746.00	77.58
23 05 23 00-0711	EA	2-1/2" Flanged Balancing Valve With Lever	1,000.70	144.91
23 05 23 00-0712	EA	3" Flanged Balancing Valve With Lever	1,004.63	169.90
23 05 23 00-0713	EA	4" Flanged Balancing Valve With Lever	1,256.92	284.82
23 05 23 00-0714	EA	5" Flanged Balancing Valve With Lever	3,739.12	323.80
23 05 23 00-0715	EA	6" Flanged Balancing Valve With Lever	1,846.33	359.77
23 05 23 00-0716	EA	8" Flanged Balancing Valve With Lever	2,442.07	459.71
23 05 23 00-0717		Balancing Valves With Nut *(23 05 23 00-0703)*		
		Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0718	EA	4" Flanged Balancing Valve With Nut	1,256.92	284.82
23 05 23 00-0719	EA	5" Flanged Balancing Valve With Nut	3,739.12	323.80
23 05 23 00-0720	EA	6" Flanged Balancing Valve With Nut	1,846.33	359.77
23 05 23 00-0721	EA	8" Flanged Balancing Valve With Nut	2,442.07	459.71
23 05 23 00-0722		Balancing Valves With Hand Wheel *(23 05 23 00-0703)*		
		Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0723	EA	4" Flanged Balancing Valve With Hand Wheel	1,711.92	284.82
23 05 23 00-0724	EA	5" Flanged Balancing Valve With Hand Wheel	4,220.12	323.80
23 05 23 00-0725	EA	6" Flanged Balancing Valve With Hand Wheel	2,328.33	359.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0726	EA	8" Flanged Balancing Valve With Hand Wheel	3,297.07	459.71
23 05 23 00-0727	EA	10" Flanged Balancing Valve With Hand Wheel	5,072.56	559.65
23 05 23 00-0728	EA	12" Flanged Balancing Valve With Hand Wheel	6,647.88	455.50
23 05 23 00-0729	EA	14" Flanged Balancing Valve With Hand Wheel	8,691.53	858.82

23 05 23 00-0730 Balancing Valves With Chain Wheel *(23 05 23 00-0703)*

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0731	EA	4" Flanged Balancing Valve With Chain Wheel	1,972.92	284.82
23 05 23 00-0732	EA	5" Flanged Balancing Valve With Chain Wheel	4,477.12	323.80
23 05 23 00-0733	EA	6" Flanged Balancing Valve With Chain Wheel	2,584.33	359.77
23 05 23 00-0734	EA	8" Flanged Balancing Valve With Chain Wheel	3,612.07	459.71
23 05 23 00-0735	EA	10" Flanged Balancing Valve With Chain Wheel	5,378.56	559.65
23 05 23 00-0736	EA	12" Flanged Balancing Valve With Chain Wheel	7,219.17	455.17
23 05 23 00-0737	EA	14" Flanged Balancing Valve With Chain Wheel	9,208.53	858.82

23 05 23 00-0738 Calibrated Balancing Valves *(23 05 23 00-0703)*

Note: Bell & Gossett CB Series.

23 05 23 00-0739	EA	1/2" Brazed Or Soldered Calibrated Balancing Valve (CB-1/2S)	130.95	10.85
23 05 23 00-0740	EA	3/4" Brazed Or Soldered Calibrated Balancing Valve (CB-3/4S)	152.72	11.93
23 05 23 00-0741	EA	1" Brazed Or Soldered Calibrated Balancing Valve (CB-1S)	186.63	13.56
23 05 23 00-0742	EA	1-1/4" Brazed Or Soldered Calibrated Balancing Valve (CB-1-1/4S)	252.25	14.43
23 05 23 00-0743	EA	1" Threaded Calibrated Balancing Valve (CB-1)	199.83	13.56
23 05 23 00-0744	EA	1-1/4" Threaded Calibrated Balancing Valve (CB-1-1/4)	275.03	14.43
23 05 23 00-0745	EA	1-1/2" Threaded Calibrated Balancing Valve (CB-1-1/2)	319.74	16.71
23 05 23 00-0746	EA	2" Threaded Calibrated Balancing Valve (CB-2)	434.47	19.74
23 05 23 00-0747	EA	2-1/2" Threaded Calibrated Balancing Valve (CB-2-1/2)	816.29	28.97
23 05 23 00-0748	EA	3" Threaded Calibrated Balancing Valve (CB-3)	1,156.37	33.64
23 05 23 00-0749	EA	2-1/2" Flanged Calibrated Balancing Valve (CB-2-1/2F)	1,084.81	157.33
23 05 23 00-0750	EA	3" Flanged Calibrated Balancing Valve (CB-3F)	1,580.15	184.46
23 05 23 00-0751	EA	4" Flanged Calibrated Balancing Valve (CB-4F)	2,468.43	309.23
23 05 23 00-0752	EA	5" Flanged Calibrated Balancing Valve (CB-5F)	3,575.13	351.55
23 05 23 00-0753	EA	6" Flanged Calibrated Balancing Valve (CB-6F)	4,717.81	390.61
23 05 23 00-0754	EA	8" Flanged Calibrated Balancing Valve (CB-8F)	8,565.88	499.11
23 05 23 00-0755	EA	10" Flanged Calibrated Balancing Valve (CB-10F)	11,913.71	601.17
23 05 23 00-0756	EA	12" Flanged Calibrated Balancing Valve (CB-12F)	25,219.60	730.00
23 05 23 00-0757	EA	4" Grooved Calibrated Balancing Valve (CB-4G)	2,994.90	37.35
23 05 23 00-0758	EA	5" Grooved Calibrated Balancing Valve (CB-5G)	3,455.98	49.48
23 05 23 00-0759	EA	6" Grooved Calibrated Balancing Valve (CB-6G)	4,592.74	63.45
23 05 23 00-0760	EA	8" Grooved Calibrated Balancing Valve (CB-8G)	8,599.90	80.53
23 05 23 00-0761	EA	10" Grooved Calibrated Balancing Valve (CB-10G)	11,561.90	90.23
23 05 23 00-0762	EA	12" Grooved Calibrated Balancing Valve (CB-12G)	23,812.35	110.02

23 05 23 00-0763 Butterfly Valves *(23 05 23)*

23 05 23 00-0764 Cast Iron Body, Iron Disc, 150 PSI, Wafer Type, Butterfly Valves *(23 05 23 00-0763)*

Note: With on-off handle

23 05 23 00-0765	EA	2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	345.47	144.58
		For 200 PSI, Add	*79.06*	
		For Work In Restricted Working Space, Add	*54.23*	
23 05 23 00-0766	EA	2-1/2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	355.89	144.82
		For 200 PSI, Add	*83.66*	
		For Work In Restricted Working Space, Add	*54.48*	
23 05 23 00-0767	EA	3" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	400.21	169.80
		For 200 PSI, Add	*90.10*	
		For Work In Restricted Working Space, Add	*63.75*	
23 05 23 00-0768	EA	4" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	592.29	284.65
		For 200 PSI, Add	*113.08*	
		For Work In Restricted Working Space, Add	*107.01*	
23 05 23 00-0769	EA	5" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	773.35	349.29
		For 200 PSI, Add	*160.88*	
		For Work In Restricted Working Space, Add	*131.45*	
23 05 23 00-0770	EA	6" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	894.99	388.09
		For 200 PSI, Add	*196.74*	
		For Work In Restricted Working Space, Add	*145.54*	
23 05 23 00-0771	EA	8" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	1,171.14	446.31
		For 200 PSI, Add	*296.03*	
		For Work In Restricted Working Space, Add	*166.33*	
23 05 23 00-0772	EA	10" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	1,874.29	543.34
		For 200 PSI, Add	*573.66*	
		For Work In Restricted Working Space, Add	*203.75*	
23 05 23 00-0773	EA	12" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	2,345.87	659.76
		For 200 PSI, Add	*730.87*	
		For Work In Restricted Working Space, Add	*246.97*	

23 05 23 00-0774 Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Lug Type, Butterfly Valves *(23 05 23 00-0763)*

23 05 23 00-0775	EA	2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	632.76	144.58
		For Work In Restricted Working Space, Add	*54.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0776	EA	2-1/2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	637.43	144.82
		For Work In Restricted Working Space, Add	*54.48*	
23 05 23 00-0777	EA	3" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	691.33	169.80
		For Work In Restricted Working Space, Add	*63.75*	
23 05 23 00-0778	EA	4" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	896.82	284.65
		For Work In Restricted Working Space, Add	*107.01*	
23 05 23 00-0779	EA	5" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	1,110.44	349.29
		For Work In Restricted Working Space, Add	*131.45*	
23 05 23 00-0780	EA	6" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	1,230.05	388.09
		For Work In Restricted Working Space, Add	*145.54*	
23 05 23 00-0781	EA	8" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	1,519.72	446.31
		For Work In Restricted Working Space, Add	*166.33*	
23 05 23 00-0782	EA	10" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	1,926.00	543.34
		For Work In Restricted Working Space, Add	*203.75*	
23 05 23 00-0783	EA	12" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	2,635.08	659.76
		For Work In Restricted Working Space, Add	*246.97*	

23 05 23 00-0784 Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Lug Type, Butterfly Valves *(23 05 23 00-0763)*

23 05 23 00-0785	EA	14" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	4,417.00	886.98
		For 200 PSI, Add	*1,164.37*	
		For Work In Restricted Working Space, Add	*354.79*	
23 05 23 00-0786	EA	16" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	5,646.22	1,040.72
		For 200 PSI, Add	*1,564.32*	
		For Work In Restricted Working Space, Add	*390.27*	
23 05 23 00-0787	EA	18" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	7,901.51	1,158.99
		For 200 PSI, Add	*2,324.18*	
		For Work In Restricted Working Space, Add	*433.64*	
23 05 23 00-0788	EA	20" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	10,165.05	1,300.90
		For 200 PSI, Add	*3,074.01*	
		For Work In Restricted Working Space, Add	*487.84*	
23 05 23 00-0789	EA	24" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	13,660.61	1,596.56
		For 200 PSI, Add	*4,197.32*	
		For Work In Restricted Working Space, Add	*600.42*	
23 05 23 00-0790	EA	30" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	28,235.67	2,520.73
		For 200 PSI, Add	*9,009.89*	
		For Work In Restricted Working Space, Add	*962.46*	
23 05 23 00-0791	EA	36" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	35,809.32	3,437.36
		For 200 PSI, Add	*11,447.66*	
		For Work In Restricted Working Space, Add	*1,203.08*	
23 05 23 00-0792	EA	42" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	43,283.15	5,041.47
		For 200 PSI, Add	*13,360.87*	
		For Work In Restricted Working Space, Add	*1,850.89*	
23 05 23 00-0793	EA	48" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	52,540.62	6,301.84
		For 200 PSI, Add	*16,027.24*	
		For Work In Restricted Working Space, Add	*2,406.15*	
23 05 23 00-0794	EA	54" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	63,413.86	7,562.20
		For 200 PSI, Add	*19,219.76*	
		For Work In Restricted Working Space, Add	*3,007.70*	

23 05 23 00-0795 Polyvinylidene Fluoride (PVDF) Butterfly Valves, With Operator *(23 05 23 00-0763)*

23 05 23 00-0796 Polyvinylidene Fluoride (PVDF) Butterfly Valves, Viton Liner And Seals *(23 05 23 00-0795)*

23 05 23 00-0797	EA	2" Butterfly Valve, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals	940.12	119.30
23 05 23 00-0798	EA	2-1/2" Butterfly Valve, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals	976.69	119.86
23 05 23 00-0799	EA	3" Butterfly Valve, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals	1,065.14	139.83
23 05 23 00-0800	EA	4" Butterfly Valve, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals	1,497.96	237.21
23 05 23 00-0801	EA	6" Butterfly Valve, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals	2,694.24	291.07
23 05 23 00-0802	EA	8" Butterfly Valve, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals	5,258.05	368.69
23 05 23 00-0803	EA	10" Butterfly Valve, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals	7,820.04	436.60
23 05 23 00-0804	EA	12" Butterfly Valve, Polyvinylidene Fluoride (PVDF) With Viton Liner And Seals	9,746.90	533.63

23 05 23 00-0805 Polyvinyl Chloride (PVC) Butterfly Valves, With Operator *(23 05 23 00-0763)*

23 05 23 00-0806 Polyvinyl Chloride (PVC) Butterfly Valves, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals *(23 05 23 00-0805)*

23 05 23 00-0807	EA	1-1/2" Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	229.32	94.90
23 05 23 00-0808	EA	2" Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	262.06	119.30
23 05 23 00-0809	EA	3" Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	301.13	139.83
23 05 23 00-0810	EA	4" Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	436.15	237.21
23 05 23 00-0811	EA	6" Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	614.12	291.07
23 05 23 00-0812	EA	8" Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	835.57	368.69
23 05 23 00-0813	EA	10" Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	1,326.39	436.60
23 05 23 00-0814	EA	12" Butterfly Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	1,730.54	533.63

23 05 23 00-0815 Polyvinyl Chloride (PVC) Butterfly Valves, Viton Liner And Seals *(23 05 23 00-0805)*

23 05 23 00-0816	EA	1-1/2" Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	350.04	94.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0817	EA	2" Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	382.78	119.30
23 05 23 00-0818	EA	3" Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	444.55	139.83
23 05 23 00-0819	EA	4" Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	616.72	237.21
23 05 23 00-0820	EA	6" Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	928.81	291.07
23 05 23 00-0821	EA	8" Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	1,347.33	368.69
23 05 23 00-0822	EA	10" Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	2,502.61	436.60
23 05 23 00-0823	EA	12" Butterfly Valve, Polyvinyl Chloride (PVC) With Viton Liner And Seals	3,330.82	533.63
23 05 23 00-0824		Polyvinyl Chloride (PVC)/Polypropylene Butterfly Valves, With Operator *(23 05 23 00-0763)*		
23 05 23 00-0825		Polyvinyl Chloride (PVC)/Polypropylene Butterfly Valves, Ethylene Propylene Diene Monomer (EPDM) Liner And Seals *(23 05 23 00-0824)*		
23 05 23 00-0826	EA	2" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	272.58	119.30
23 05 23 00-0827	EA	2-1/2" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	280.29	119.86
23 05 23 00-0828	EA	3" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	308.61	139.83
23 05 23 00-0829	EA	4" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	434.57	237.21
23 05 23 00-0830	EA	6" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	607.95	291.07
23 05 23 00-0831	EA	8" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	921.17	368.69
23 05 23 00-0832	EA	10" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	1,457.66	436.60
23 05 23 00-0833	EA	12" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Ethylene Propylene Diene Monomer (EPDM) Liner And Seals	1,877.74	533.63
23 05 23 00-0834		Polyvinyl Chloride (PVC)/Polypropylene Butterfly Valves, Viton Liner And Seals *(23 05 23 00-0824)*		
23 05 23 00-0835	EA	2" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals	340.12	49.35
23 05 23 00-0836	EA	2-1/2" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals	371.40	59.65
23 05 23 00-0837	EA	3" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals	389.47	66.52
23 05 23 00-0838	EA	4" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals	455.63	76.81
23 05 23 00-0839	EA	6" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals	730.87	124.85
23 05 23 00-0840	EA	8" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals	1,575.48	199.76
23 05 23 00-0841	EA	10" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals	2,357.39	221.73
23 05 23 00-0842	EA	12" Butterfly Valve, Polyvinyl Chloride (PVC)/Polypropylene With Viton Liner And Seals	3,316.13	249.70

23 05 29 Hangers and Supports for HVAC Piping and Equipment *(23 05)*

23 05 29 00-0001 Hangers And Supports *(23 05 29)*

23 05 29 00-0002 Clevis Hangers *(23 05 29 00-0001)*

23 05 29 00-0003 Steel Clevis Hanger (Cooper B-Line B3100) *(23 05 29 00-0002)*

Note: Type 1.

23 05 29 00-0004	EA	1/2" Steel Clevis Hanger (Cooper B-Line B3100)	19.63	8.99
		For Work In Restricted Working Space, Add	*5.39*	
23 05 29 00-0005	EA	3/4" Steel Clevis Hanger (Cooper B-Line B3100)	21.63	9.99
		For Work In Restricted Working Space, Add	*5.99*	
23 05 29 00-0006	EA	1" Steel Clevis Hanger (Cooper B-Line B3100)	22.73	9.99
		For Work In Restricted Working Space, Add	*6.31*	
23 05 29 00-0007	EA	1-1/4" Steel Clevis Hanger (Cooper B-Line B3100)	23.57	10.80
		For Work In Restricted Working Space, Add	*6.48*	
23 05 29 00-0008	EA	1-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	23.79	10.80
		For Work In Restricted Working Space, Add	*6.48*	
23 05 29 00-0009	EA	2" Steel Clevis Hanger (Cooper B-Line B3100)	24.80	10.99
		For Work In Restricted Working Space, Add	*6.66*	
23 05 29 00-0010	EA	2-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	27.07	11.39
		For Work In Restricted Working Space, Add	*6.85*	
23 05 29 00-0011	EA	3" Steel Clevis Hanger (Cooper B-Line B3100)	28.83	11.98
		For Work In Restricted Working Space, Add	*7.05*	
23 05 29 00-0012	EA	3-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	30.18	13.16
		For Work In Restricted Working Space, Add	*7.52*	
23 05 29 00-0013	EA	4" Steel Clevis Hanger (Cooper B-Line B3100)	33.05	13.98
		For Work In Restricted Working Space, Add	*7.99*	
23 05 29 00-0014	EA	5" Steel Clevis Hanger (Cooper B-Line B3100)	42.33	16.73
		For Work In Restricted Working Space, Add	*10.04*	
23 05 29 00-0015	EA	6" Steel Clevis Hanger (Cooper B-Line B3100)	50.91	19.98
		For Work In Restricted Working Space, Add	*11.99*	
23 05 29 00-0016	EA	8" Steel Clevis Hanger (Cooper B-Line B3100)	68.09	24.97
		For Work In Restricted Working Space, Add	*14.98*	
23 05 29 00-0017	EA	10" Steel Clevis Hanger (Cooper B-Line B3100)	98.94	33.96
		For Work In Restricted Working Space, Add	*19.98*	
23 05 29 00-0018	EA	12" Steel Clevis Hanger (Cooper B-Line B3100)	115.66	37.45
		For Work In Restricted Working Space, Add	*22.47*	
23 05 29 00-0019	EA	14" Steel Clevis Hanger (Cooper B-Line B3100)	143.29	41.95
		For Work In Restricted Working Space, Add	*25.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0020	EA	16" Steel Clevis Hanger (Cooper B-Line B3100)	177.80	49.94
		For Work In Restricted Working Space, Add	*29.96*	
23 05 29 00-0021	EA	18" Steel Clevis Hanger (Cooper B-Line B3100)	221.63	62.43
		For Work In Restricted Working Space, Add	*37.46*	
23 05 29 00-0022	EA	20" Steel Clevis Hanger (Cooper B-Line B3100)	353.19	74.91
		For Work In Restricted Working Space, Add	*44.95*	
23 05 29 00-0023	EA	24" Steel Clevis Hanger (Cooper B-Line B3100)	534.03	87.39
		For Work In Restricted Working Space, Add	*52.44*	
23 05 29 00-0024		**Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)** *(23 05 29 00-0002)*		
23 05 29 00-0025	EA	1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	24.02	8.99
		For Work In Restricted Working Space, Add	*5.39*	
23 05 29 00-0026	EA	3/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	26.02	9.99
		For Work In Restricted Working Space, Add	*5.99*	
23 05 29 00-0027	EA	1" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	27.22	9.99
		For Work In Restricted Working Space, Add	*6.31*	
23 05 29 00-0028	EA	1-1/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	28.15	10.80
		For Work In Restricted Working Space, Add	*6.48*	
23 05 29 00-0029	EA	1-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	28.71	10.80
		For Work In Restricted Working Space, Add	*6.48*	
23 05 29 00-0030	EA	2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	29.45	10.99
		For Work In Restricted Working Space, Add	*6.66*	
23 05 29 00-0031	EA	2-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	32.74	11.39
		For Work In Restricted Working Space, Add	*6.85*	
23 05 29 00-0032	EA	3" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	34.30	11.98
		For Work In Restricted Working Space, Add	*7.05*	
23 05 29 00-0033	EA	3-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	38.50	13.98
		For Work In Restricted Working Space, Add	*7.99*	
23 05 29 00-0034	EA	4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	42.20	13.98
		For Work In Restricted Working Space, Add	*7.99*	
23 05 29 00-0035	EA	5" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	68.14	16.73
		For Work In Restricted Working Space, Add	*10.04*	
23 05 29 00-0036	EA	6" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	84.28	19.98
		For Work In Restricted Working Space, Add	*11.99*	
23 05 29 00-0037	EA	8" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	100.62	24.97
		For Work In Restricted Working Space, Add	*14.98*	
23 05 29 00-0038		**Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)** *(23 05 29 00-0002)*		
23 05 29 00-0039	EA	1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	19.47	8.99
		For Work In Restricted Working Space, Add	*5.39*	
23 05 29 00-0040	EA	3/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	21.51	9.99
		For Work In Restricted Working Space, Add	*5.99*	
23 05 29 00-0041	EA	1" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	22.70	9.99
		For Work In Restricted Working Space, Add	*6.31*	
23 05 29 00-0042	EA	1-1/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	23.32	10.80
		For Work In Restricted Working Space, Add	*6.48*	
23 05 29 00-0043	EA	1-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	23.45	10.80
		For Work In Restricted Working Space, Add	*6.48*	
23 05 29 00-0044	EA	2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	24.12	10.99
		For Work In Restricted Working Space, Add	*6.66*	
23 05 29 00-0045	EA	2-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	26.17	11.39
		For Work In Restricted Working Space, Add	*6.85*	
23 05 29 00-0046	EA	3" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	27.30	11.98
		For Work In Restricted Working Space, Add	*7.05*	
23 05 29 00-0047	EA	3-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	30.78	13.98
		For Work In Restricted Working Space, Add	*7.99*	
23 05 29 00-0048	EA	4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	31.65	13.98
		For Work In Restricted Working Space, Add	*7.99*	
23 05 29 00-0049		**Extended Steel Clevis Hanger (Cooper B-Line B3108)** *(23 05 29 00-0002)*		
23 05 29 00-0050	EA	3/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	26.99	9.99
		For Work In Restricted Working Space, Add	*5.99*	
23 05 29 00-0051	EA	1" Steel Extended Clevis Hanger (Cooper B-Line B3108)	28.09	9.99
		For Work In Restricted Working Space, Add	*6.31*	
23 05 29 00-0052	EA	1-1/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	28.68	10.80
		For Work In Restricted Working Space, Add	*6.48*	
23 05 29 00-0053	EA	1-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	29.55	10.80
		For Work In Restricted Working Space, Add	*6.48*	
23 05 29 00-0054	EA	2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	31.59	10.99
		For Work In Restricted Working Space, Add	*6.66*	
23 05 29 00-0055	EA	2-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	33.77	11.39
		For Work In Restricted Working Space, Add	*6.85*	
23 05 29 00-0056	EA	3" Steel Extended Clevis Hanger (Cooper B-Line B3108)	35.39	11.98
		For Work In Restricted Working Space, Add	*7.05*	
23 05 29 00-0057	EA	4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	42.33	13.98
		For Work In Restricted Working Space, Add	*7.99*	
23 05 29 00-0058	EA	5" Steel Extended Clevis Hanger (Cooper B-Line B3108)	53.38	16.73
		For Work In Restricted Working Space, Add	*10.04*	
23 05 29 00-0059	EA	6" Steel Extended Clevis Hanger (Cooper B-Line B3108)	65.73	19.98
		For Work In Restricted Working Space, Add	*11.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0060	EA	8" Steel Extended Clevis Hanger (Cooper B-Line B3108)	92.40	24.97
		For Work In Restricted Working Space, Add	*14.98*	
23 05 29 00-0061	EA	10" Steel Extended Clevis Hanger (Cooper B-Line B3108)	129.38	33.96
		For Work In Restricted Working Space, Add	*19.98*	
23 05 29 00-0062	EA	12" Steel Extended Clevis Hanger (Cooper B-Line B3108)	145.33	37.45
		For Work In Restricted Working Space, Add	*22.47*	
23 05 29 00-0063		**Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)** *(23 05 29 00-0002)*		
23 05 29 00-0064	EA	2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	32.62	10.99
		For Work In Restricted Working Space, Add	*6.66*	
23 05 29 00-0065	EA	2-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	34.73	11.39
		For Work In Restricted Working Space, Add	*6.85*	
23 05 29 00-0066	EA	3" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	36.48	11.98
		For Work In Restricted Working Space, Add	*7.05*	
23 05 29 00-0067	EA	3-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	40.46	13.98
		For Work In Restricted Working Space, Add	*7.99*	
23 05 29 00-0068	EA	4" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	42.64	13.98
		For Work In Restricted Working Space, Add	*7.99*	
23 05 29 00-0069	EA	5" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	52.98	16.73
		For Work In Restricted Working Space, Add	*10.04*	
23 05 29 00-0070	EA	6" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	61.93	19.98
		For Work In Restricted Working Space, Add	*11.99*	
23 05 29 00-0071	EA	8" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	81.88	24.97
		For Work In Restricted Working Space, Add	*14.98*	
23 05 29 00-0072		**Adjustable Hangers** *(23 05 29 00-0001)*		
23 05 29 00-0073		**Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)** *(23 05 29 00-0072)* Note: Type 5.		
23 05 29 00-0074	EA	1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	17.86	7.88
		For Work In Restricted Working Space, Add	*4.72*	
23 05 29 00-0075	EA	3/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	19.59	8.73
		For Work In Restricted Working Space, Add	*5.24*	
23 05 29 00-0076	EA	1" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	21.51	9.71
		For Work In Restricted Working Space, Add	*5.82*	
23 05 29 00-0077	EA	1-1/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	23.75	10.78
		For Work In Restricted Working Space, Add	*6.47*	
23 05 29 00-0078	EA	1-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	24.95	11.32
		For Work In Restricted Working Space, Add	*6.80*	
23 05 29 00-0079	EA	2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	26.68	11.87
		For Work In Restricted Working Space, Add	*7.12*	
23 05 29 00-0080	EA	2-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	30.48	12.40
		For Work In Restricted Working Space, Add	*7.44*	
23 05 29 00-0081	EA	3" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	31.83	12.94
		For Work In Restricted Working Space, Add	*7.76*	
23 05 29 00-0082	EA	4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	37.77	14.56
		For Work In Restricted Working Space, Add	*8.74*	
23 05 29 00-0083		**Adjustable Swivel Steel Ring (Cooper B-Line B3170)** *(23 05 29 00-0072)* Note: Type 10.		
23 05 29 00-0084	EA	1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	20.95	9.99
		For Work In Restricted Working Space, Add	*5.99*	
		For 304 Stainless Steel, Add	*6.40*	
		For 316 Stainless Steel, Add	*8.25*	
23 05 29 00-0085	EA	3/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	22.08	9.99
		For Work In Restricted Working Space, Add	*6.31*	
		For 304 Stainless Steel, Add	*7.00*	
		For 316 Stainless Steel, Add	*9.01*	
23 05 29 00-0086	EA	1" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	23.25	10.99
		For Work In Restricted Working Space, Add	*6.66*	
		For 304 Stainless Steel, Add	*7.00*	
		For 316 Stainless Steel, Add	*9.01*	
23 05 29 00-0087	EA	1-1/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	24.68	11.98
		For Work In Restricted Working Space, Add	*7.05*	
		For 304 Stainless Steel, Add	*7.79*	
		For 316 Stainless Steel, Add	*10.03*	
23 05 29 00-0088	EA	1-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	27.82	13.98
		For Work In Restricted Working Space, Add	*7.99*	
		For 304 Stainless Steel, Add	*7.79*	
		For 316 Stainless Steel, Add	*10.03*	
23 05 29 00-0089	EA	2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	29.78	13.98
		For Work In Restricted Working Space, Add	*8.56*	
		For 304 Stainless Steel, Add	*8.25*	
		For 316 Stainless Steel, Add	*10.63*	
23 05 29 00-0090	EA	2-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	32.76	14.98
		For Work In Restricted Working Space, Add	*9.22*	
		For 304 Stainless Steel, Add	*13.40*	
		For 316 Stainless Steel, Add	*17.26*	
23 05 29 00-0091	EA	3" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	35.41	16.98
		For Work In Restricted Working Space, Add	*9.99*	
		For 304 Stainless Steel, Add	*13.99*	
		For 316 Stainless Steel, Add	*18.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0092	EA	3-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	39.29	18.23
		For Work In Restricted Working Space, Add	*10.94*	
		For 304 Stainless Steel, Add	*18.74*	
		For 316 Stainless Steel, Add	*24.14*	
23 05 29 00-0093	EA	4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	42.79	19.98
		For Work In Restricted Working Space, Add	*11.99*	
		For 304 Stainless Steel, Add	*18.74*	
		For 316 Stainless Steel, Add	*24.14*	
23 05 29 00-0094	EA	5" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	50.83	22.48
		For Work In Restricted Working Space, Add	*13.48*	
		For 304 Stainless Steel, Add	*38.87*	
		For 316 Stainless Steel, Add	*50.07*	
23 05 29 00-0095	EA	6" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	55.92	24.97
		For Work In Restricted Working Space, Add	*14.98*	
		For 304 Stainless Steel, Add	*39.47*	
		For 316 Stainless Steel, Add	*50.83*	
23 05 29 00-0096	EA	8" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	67.03	29.96
		For Work In Restricted Working Space, Add	*17.98*	
		For 304 Stainless Steel, Add	*46.86*	
		For 316 Stainless Steel, Add	*60.35*	
23 05 29 00-0097		Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) *(23 05 29 00-0072)*		
23 05 29 00-0098	EA	1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	23.40	9.99
		For Work In Restricted Working Space, Add	*5.99*	
		For 304 Stainless Steel, Add	*22.57*	
		For 316 Stainless Steel, Add	*29.07*	
23 05 29 00-0099	EA	3/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	24.44	9.99
		For Work In Restricted Working Space, Add	*6.31*	
		For 304 Stainless Steel, Add	*22.57*	
		For 316 Stainless Steel, Add	*29.07*	
23 05 29 00-0100	EA	1" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	25.61	10.99
		For Work In Restricted Working Space, Add	*6.66*	
		For 304 Stainless Steel, Add	*22.57*	
		For 316 Stainless Steel, Add	*29.07*	
23 05 29 00-0101	EA	1-1/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	26.92	11.98
		For Work In Restricted Working Space, Add	*7.05*	
		For 304 Stainless Steel, Add	*22.57*	
		For 316 Stainless Steel, Add	*29.07*	
23 05 29 00-0102	EA	1-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	30.35	13.98
		For Work In Restricted Working Space, Add	*7.99*	
		For 304 Stainless Steel, Add	*24.49*	
		For 316 Stainless Steel, Add	*31.54*	
23 05 29 00-0103	EA	2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	32.24	13.98
		For Work In Restricted Working Space, Add	*8.56*	
		For 304 Stainless Steel, Add	*24.49*	
		For 316 Stainless Steel, Add	*31.54*	
23 05 29 00-0104	EA	2-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	40.46	14.98
		For Work In Restricted Working Space, Add	*9.22*	
		For 304 Stainless Steel, Add	*64.22*	
		For 316 Stainless Steel, Add	*82.71*	
23 05 29 00-0105	EA	3" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	45.34	16.98
		For Work In Restricted Working Space, Add	*9.99*	
		For 304 Stainless Steel, Add	*79.53*	
		For 316 Stainless Steel, Add	*102.43*	
23 05 29 00-0106	EA	3-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	49.45	18.23
		For Work In Restricted Working Space, Add	*10.94*	
		For 304 Stainless Steel, Add	*85.80*	
		For 316 Stainless Steel, Add	*110.50*	
23 05 29 00-0107	EA	4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	55.78	19.98
		For Work In Restricted Working Space, Add	*11.99*	
		For 304 Stainless Steel, Add	*104.48*	
		For 316 Stainless Steel, Add	*134.56*	
23 05 29 00-0108	EA	5" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	60.99	22.48
		For Work In Restricted Working Space, Add	*13.48*	
		For 304 Stainless Steel, Add	*105.93*	
		For 316 Stainless Steel, Add	*136.43*	
23 05 29 00-0109	EA	6" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	73.18	24.97
		For Work In Restricted Working Space, Add	*14.98*	
		For 304 Stainless Steel, Add	*153.38*	
		For 316 Stainless Steel, Add	*197.54*	
23 05 29 00-0110		Roller Hangers *(23 05 29 00-0001)*		
23 05 29 00-0111		Single Pipe Roll (Cooper B-Line B3114) *(23 05 29 00-0110)*		
		Note: Excludes rod and nuts. Type 41.		
23 05 29 00-0112	EA	2" Single Pipe Roll (Cooper B-Line B3114)	29.72	8.00
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*4.80*	
23 05 29 00-0113	EA	2-1/2" Single Pipe Roll (Cooper B-Line B3114)	32.75	9.00
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*5.40*	
23 05 29 00-0114	EA	3" Single Pipe Roll (Cooper B-Line B3114)	36.55	10.50
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0115	EA	3-1/2" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	42.04	11.99
		For Work In Restricted Working Space, Add	*7.19*	
23 05 29 00-0116	EA	4" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	57.41	13.49
		For Work In Restricted Working Space, Add	*8.10*	
23 05 29 00-0117	EA	5" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	51.90	14.99
		For Work In Restricted Working Space, Add	*8.99*	
23 05 29 00-0118	EA	6" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	64.43	17.99
		For Work In Restricted Working Space, Add	*10.79*	
23 05 29 00-0119	EA	8" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	86.11	20.99
		For Work In Restricted Working Space, Add	*12.59*	
23 05 29 00-0120	EA	10" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	102.11	24.98
		For Work In Restricted Working Space, Add	*14.99*	
23 05 29 00-0121		**Adjustable Clevis Roller Hanger (Cooper B-Line B3110)** *(23 05 29 00-0110)* Note: Type 43.		
23 05 29 00-0122	EA	2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	44.66	14.11
		For Work In Restricted Working Space, Add	*8.14*	
		For 304 Stainless Steel, Add	*115.70*	
		For 316 Stainless Steel, Add	*149.01*	
23 05 29 00-0123	EA	2-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	46.60	14.54
		For Work In Restricted Working Space, Add	*8.72*	
		For 304 Stainless Steel, Add	*115.70*	
		For 316 Stainless Steel, Add	*149.01*	
23 05 29 00-0124	EA	3" Steel Clevis Roller Hanger (Cooper B-Line B3110)	50.55	15.19
		For Work In Restricted Working Space, Add	*9.30*	
		For 304 Stainless Steel, Add	*129.03*	
		For 316 Stainless Steel, Add	*166.18*	
23 05 29 00-0125	EA	3-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	58.57	16.28
		For Work In Restricted Working Space, Add	*9.77*	
		For 304 Stainless Steel, Add	*171.73*	
		For 316 Stainless Steel, Add	*221.17*	
23 05 29 00-0126	EA	4" Steel Clevis Roller Hanger (Cooper B-Line B3110)	62.19	18.44
		For Work In Restricted Working Space, Add	*10.85*	
		For 304 Stainless Steel, Add	*171.73*	
		For 316 Stainless Steel, Add	*221.17*	
23 05 29 00-0127	EA	5" Steel Clevis Roller Hanger (Cooper B-Line B3110)	70.09	19.85
		For Work In Restricted Working Space, Add	*11.91*	
		For 304 Stainless Steel, Add	*200.51*	
		For 316 Stainless Steel, Add	*258.23*	
23 05 29 00-0128	EA	6" Steel Clevis Roller Hanger (Cooper B-Line B3110)	81.14	21.70
		For Work In Restricted Working Space, Add	*13.02*	
		For 304 Stainless Steel, Add	*249.02*	
		For 316 Stainless Steel, Add	*320.71*	
23 05 29 00-0129	EA	8" Steel Clevis Roller Hanger (Cooper B-Line B3110)	110.72	27.13
		For Work In Restricted Working Space, Add	*16.28*	
		For 304 Stainless Steel, Add	*372.70*	
		For 316 Stainless Steel, Add	*480.00*	
23 05 29 00-0130	EA	10" Steel Clevis Roller Hanger (Cooper B-Line B3110)	139.61	36.90
		For Work In Restricted Working Space, Add	*21.70*	
		For 304 Stainless Steel, Add	*443.98*	
		For 316 Stainless Steel, Add	*571.80*	
23 05 29 00-0131	EA	12" Steel Clevis Roller Hanger (Cooper B-Line B3110)	180.28	40.68
		For Work In Restricted Working Space, Add	*24.41*	
		For 304 Stainless Steel, Add	*652.74*	
		For 316 Stainless Steel, Add	*840.65*	
23 05 29 00-0132	EA	14" Steel Clevis Roller Hanger (Cooper B-Line B3110)	367.38	46.66
		For Work In Restricted Working Space, Add	*27.99*	
		For 304 Stainless Steel, Add	*1,808.86*	
		For 316 Stainless Steel, Add	*2,329.60*	
23 05 29 00-0133	EA	16" Steel Clevis Roller Hanger (Cooper B-Line B3110)	460.30	54.25
		For Work In Restricted Working Space, Add	*32.55*	
		For 304 Stainless Steel, Add	*2,321.88*	
		For 316 Stainless Steel, Add	*2,990.30*	
23 05 29 00-0134		**Roller Chair (Cooper B-Line B3120)** *(23 05 29 00-0110)*		
23 05 29 00-0135	EA	2" Steel Roller Chair (Cooper B-Line B3120)	43.50	14.11
		For Work In Restricted Working Space, Add	*8.14*	
23 05 29 00-0136	EA	2-1/2" Steel Roller Chair (Cooper B-Line B3120)	46.85	14.54
		For Work In Restricted Working Space, Add	*8.72*	
23 05 29 00-0137	EA	3" Steel Roller Chair (Cooper B-Line B3120)	49.18	15.19
		For Work In Restricted Working Space, Add	*9.30*	
23 05 29 00-0138	EA	3-1/2" Steel Roller Chair (Cooper B-Line B3120)	55.71	16.28
		For Work In Restricted Working Space, Add	*9.77*	
23 05 29 00-0139	EA	4" Steel Roller Chair (Cooper B-Line B3120)	62.07	18.44
		For Work In Restricted Working Space, Add	*10.85*	
23 05 29 00-0140	EA	5" Steel Roller Chair (Cooper B-Line B3120)	67.85	19.85
		For Work In Restricted Working Space, Add	*11.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0141	EA	6" Steel Roller Chair (Cooper B-Line B3120)	82.60	21.70
		For Work In Restricted Working Space, Add	*13.02*	
23 05 29 00-0142	EA	8" Steel Roller Chair (Cooper B-Line B3120)	107.23	27.13
		For Work In Restricted Working Space, Add	*16.28*	
23 05 29 00-0143	EA	10" Steel Roller Chair (Cooper B-Line B3120)	138.80	36.90
		For Work In Restricted Working Space, Add	*21.70*	
23 05 29 00-0144	EA	12" Steel Roller Chair (Cooper B-Line B3120)	178.16	40.68
		For Work In Restricted Working Space, Add	*24.41*	
23 05 29 00-0145	EA	14" Steel Roller Chair (Cooper B-Line B3120)	194.83	46.66
		For Work In Restricted Working Space, Add	*27.99*	
23 05 29 00-0146	EA	16" Steel Roller Chair (Cooper B-Line B3120)	234.51	54.25
		For Work In Restricted Working Space, Add	*32.55*	
23 05 29 00-0147	EA	18" Steel Roller Chair (Cooper B-Line B3120)	315.06	67.81
		For Work In Restricted Working Space, Add	*40.69*	
23 05 29 00-0148	EA	20" Steel Roller Chair (Cooper B-Line B3120)	389.36	81.38
		For Work In Restricted Working Space, Add	*48.83*	

23 05 29 00-0149 Adjustable Roller Support (Cooper B-Line B3122) *(23 05 29 00-0110)*

23 05 29 00-0150	EA	2" Steel Adjustable Roller Support (Cooper B-Line B3122)	48.89	14.11
		For Work In Restricted Working Space, Add	*8.14*	
23 05 29 00-0151	EA	2-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)	54.82	14.54
		For Work In Restricted Working Space, Add	*8.72*	
23 05 29 00-0152	EA	3" Steel Adjustable Roller Support (Cooper B-Line B3122)	57.68	15.19
		For Work In Restricted Working Space, Add	*9.30*	
23 05 29 00-0153	EA	3-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)	60.91	16.28
		For Work In Restricted Working Space, Add	*9.77*	
23 05 29 00-0154	EA	4" Steel Adjustable Roller Support (Cooper B-Line B3122)	72.97	18.44
		For Work In Restricted Working Space, Add	*10.85*	
23 05 29 00-0155	EA	5" Steel Adjustable Roller Support (Cooper B-Line B3122)	82.61	19.85
		For Work In Restricted Working Space, Add	*11.91*	
23 05 29 00-0156	EA	6" Steel Adjustable Roller Support (Cooper B-Line B3122)	95.93	21.70
		For Work In Restricted Working Space, Add	*13.02*	
23 05 29 00-0157	EA	8" Steel Adjustable Roller Support (Cooper B-Line B3122)	134.66	27.13
		For Work In Restricted Working Space, Add	*16.28*	
23 05 29 00-0158	EA	10" Steel Adjustable Roller Support (Cooper B-Line B3122)	168.38	36.90
		For Work In Restricted Working Space, Add	*21.70*	
23 05 29 00-0159	EA	12" Steel Adjustable Roller Support (Cooper B-Line B3122)	194.54	40.68
		For Work In Restricted Working Space, Add	*24.41*	
23 05 29 00-0160	EA	14" Steel Adjustable Roller Support (Cooper B-Line B3122)	273.21	46.66
		For Work In Restricted Working Space, Add	*27.99*	
23 05 29 00-0161	EA	16" Steel Adjustable Roller Support (Cooper B-Line B3122)	327.22	54.25
		For Work In Restricted Working Space, Add	*32.55*	
23 05 29 00-0162	EA	18" Steel Adjustable Roller Support (Cooper B-Line B3122)	372.75	67.81
		For Work In Restricted Working Space, Add	*40.69*	

23 05 29 00-0163 Adjustable Double Roller Support (Cooper B-Line B3122A) *(23 05 29 00-0110)*

23 05 29 00-0164	EA	2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	49.20	14.11
		For Work In Restricted Working Space, Add	*8.14*	
23 05 29 00-0165	EA	2-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	55.09	14.54
		For Work In Restricted Working Space, Add	*8.72*	
23 05 29 00-0166	EA	3" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	58.15	15.19
		For Work In Restricted Working Space, Add	*9.30*	
23 05 29 00-0167	EA	3-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	60.50	16.28
		For Work In Restricted Working Space, Add	*9.77*	
23 05 29 00-0168	EA	4" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	76.11	18.44
		For Work In Restricted Working Space, Add	*10.85*	
23 05 29 00-0169	EA	5" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	86.31	19.85
		For Work In Restricted Working Space, Add	*11.91*	
23 05 29 00-0170	EA	6" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	100.35	21.70
		For Work In Restricted Working Space, Add	*13.02*	
23 05 29 00-0171	EA	8" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	141.51	27.13
		For Work In Restricted Working Space, Add	*16.28*	
23 05 29 00-0172	EA	10" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	176.60	36.90
		For Work In Restricted Working Space, Add	*21.70*	
23 05 29 00-0173	EA	12" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	204.16	40.68
		For Work In Restricted Working Space, Add	*24.41*	
23 05 29 00-0174	EA	14" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	288.59	46.66
		For Work In Restricted Working Space, Add	*27.99*	

23 05 29 00-0175 Pipe And Riser Clamps *(23 05 29 00-0001)*

Note: Includes bolts and weldless eye nuts.

23 05 29 00-0176 Steel Pipe Clamp (Cooper B-Line B3140) *(23 05 29 00-0175)*

Note: Type 4.

23 05 29 00-0177	EA	1/2" Steel Pipe Clamp (Cooper B-Line B3140)	17.02	6.47
		For Work In Restricted Working Space, Add	*3.88*	
23 05 29 00-0178	EA	3/4" Steel Pipe Clamp (Cooper B-Line B3140)	17.24	6.58
		For Work In Restricted Working Space, Add	*3.95*	
23 05 29 00-0179	EA	1" Steel Pipe Clamp (Cooper B-Line B3140)	17.48	6.68
		For Work In Restricted Working Space, Add	*4.01*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0180	EA	1-1/4" Steel Pipe Clamp (Cooper B-Line B3140)	18.93	6.79
		For Work In Restricted Working Space, Add	*4.07*	
23 05 29 00-0181	EA	1-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	19.15	6.90
		For Work In Restricted Working Space, Add	*4.14*	
23 05 29 00-0182	EA	2" Steel Pipe Clamp (Cooper B-Line B3140)	20.31	7.01
		For Work In Restricted Working Space, Add	*4.21*	
23 05 29 00-0183	EA	2-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	21.11	7.22
		For Work In Restricted Working Space, Add	*4.34*	
23 05 29 00-0184	EA	3" Steel Pipe Clamp (Cooper B-Line B3140)	22.32	7.44
		For Work In Restricted Working Space, Add	*4.46*	
23 05 29 00-0185	EA	3-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	25.62	7.55
		For Work In Restricted Working Space, Add	*4.53*	
23 05 29 00-0186	EA	4" Steel Pipe Clamp (Cooper B-Line B3140)	29.93	9.71
		For Work In Restricted Working Space, Add	*5.82*	
23 05 29 00-0187	EA	5" Steel Pipe Clamp (Cooper B-Line B3140)	42.69	12.94
		For Work In Restricted Working Space, Add	*7.76*	
23 05 29 00-0188	EA	6" Steel Pipe Clamp (Cooper B-Line B3140)	58.13	16.18
		For Work In Restricted Working Space, Add	*9.71*	
23 05 29 00-0189	EA	8" Steel Pipe Clamp (Cooper B-Line B3140)	68.38	18.87
		For Work In Restricted Working Space, Add	*11.33*	
23 05 29 00-0190	EA	10" Steel Pipe Clamp (Cooper B-Line B3140)	98.35	21.57
		For Work In Restricted Working Space, Add	*12.94*	
23 05 29 00-0191	EA	12" Steel Pipe Clamp (Cooper B-Line B3140)	132.87	23.72
		For Work In Restricted Working Space, Add	*14.24*	
23 05 29 00-0192	EA	14" Steel Pipe Clamp (Cooper B-Line B3140)	212.08	25.88
		For Work In Restricted Working Space, Add	*15.53*	
23 05 29 00-0193	EA	16" Steel Pipe Clamp (Cooper B-Line B3140)	229.87	28.04
		For Work In Restricted Working Space, Add	*16.82*	
23 05 29 00-0194	EA	18" Steel Pipe Clamp (Cooper B-Line B3140)	370.01	30.19
		For Work In Restricted Working Space, Add	*18.12*	
23 05 29 00-0195	EA	20" Steel Pipe Clamp (Cooper B-Line B3140)	427.30	32.35
		For Work In Restricted Working Space, Add	*19.41*	
23 05 29 00-0196	EA	24" Steel Pipe Clamp (Cooper B-Line B3140)	555.43	35.59
		For Work In Restricted Working Space, Add	*21.35*	

23 05 29 00-0197 Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) *(23 05 29 00-0175)*

23 05 29 00-0198	EA	3" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	33.45	6.99
		For Work In Restricted Working Space, Add	*4.16*	
23 05 29 00-0199	EA	4" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	43.51	6.99
		For Work In Restricted Working Space, Add	*4.16*	
23 05 29 00-0200	EA	5" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	47.69	7.24
		For Work In Restricted Working Space, Add	*4.34*	
23 05 29 00-0201	EA	6" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	75.34	7.49
		For Work In Restricted Working Space, Add	*4.52*	
23 05 29 00-0202	EA	8" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	81.93	7.99
		For Work In Restricted Working Space, Add	*4.79*	
23 05 29 00-0203	EA	10" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	139.14	7.99
		For Work In Restricted Working Space, Add	*4.78*	
23 05 29 00-0204	EA	12" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	224.38	8.99
		For Work In Restricted Working Space, Add	*5.39*	
23 05 29 00-0205	EA	14" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	284.40	9.99
		For Work In Restricted Working Space, Add	*5.99*	
23 05 29 00-0206	EA	16" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	309.46	11.98
		For Work In Restricted Working Space, Add	*7.19*	
23 05 29 00-0207	EA	18" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	957.54	13.98
		For Work In Restricted Working Space, Add	*8.39*	
23 05 29 00-0208	EA	20" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	1,100.42	14.98
		For Work In Restricted Working Space, Add	*8.99*	
23 05 29 00-0209	EA	24" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	1,408.86	15.98
		For Work In Restricted Working Space, Add	*9.59*	

23 05 29 00-0210 Steel Riser Clamp (Cooper B-Line B3373) *(23 05 29 00-0175)*

Note: Type 8.

23 05 29 00-0211	EA	1/2" Steel Riser Clamp (Cooper B-Line B3373)	17.09	6.00
		For Work In Restricted Working Space, Add	*3.59*	
23 05 29 00-0212	EA	3/4" Steel Riser Clamp (Cooper B-Line B3373)	17.76	6.09
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-0213	EA	1" Steel Riser Clamp (Cooper B-Line B3373)	18.03	6.19
		For Work In Restricted Working Space, Add	*3.72*	
23 05 29 00-0214	EA	1-1/4" Steel Riser Clamp (Cooper B-Line B3373)	19.41	6.29
		For Work In Restricted Working Space, Add	*3.78*	
23 05 29 00-0215	EA	1-1/2" Steel Riser Clamp (Cooper B-Line B3373)	20.13	6.39
		For Work In Restricted Working Space, Add	*3.83*	
23 05 29 00-0216	EA	2" Steel Riser Clamp (Cooper B-Line B3373)	20.61	6.49
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0217	EA	2-1/2" Steel Riser Clamp (Cooper B-Line B3373)	21.47	6.69
		For Work In Restricted Working Space, Add	*4.01*	
23 05 29 00-0218	EA	3" Steel Riser Clamp (Cooper B-Line B3373)	22.73	6.89
		For Work In Restricted Working Space, Add	*4.14*	
23 05 29 00-0219	EA	3-1/2" Steel Riser Clamp (Cooper B-Line B3373)	24.85	6.99
		For Work In Restricted Working Space, Add	*4.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0220	EA	4" Steel Riser Clamp (Cooper B-Line B3373)	30.28	8.99
		For Work In Restricted Working Space, Add	*5.39*	
23 05 29 00-0221	EA	5" Steel Riser Clamp (Cooper B-Line B3373)	39.22	11.98
		For Work In Restricted Working Space, Add	*7.19*	
23 05 29 00-0222	EA	6" Steel Riser Clamp (Cooper B-Line B3373)	49.70	14.98
		For Work In Restricted Working Space, Add	*8.99*	
23 05 29 00-0223	EA	8" Steel Riser Clamp (Cooper B-Line B3373)	67.26	17.48
		For Work In Restricted Working Space, Add	*10.49*	
23 05 29 00-0224	EA	10" Steel Riser Clamp (Cooper B-Line B3373)	87.77	19.98
		For Work In Restricted Working Space, Add	*11.99*	
23 05 29 00-0225	EA	12" Steel Riser Clamp (Cooper B-Line B3373)	105.70	21.97
		For Work In Restricted Working Space, Add	*13.18*	
23 05 29 00-0226	EA	14" Steel Riser Clamp (Cooper B-Line B3373)	140.86	23.97
		For Work In Restricted Working Space, Add	*14.38*	
23 05 29 00-0227	EA	16" Steel Riser Clamp (Cooper B-Line B3373)	264.06	25.97
		For Work In Restricted Working Space, Add	*15.58*	

23 05 29 00-0228 Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) *(23 05 29 00-0175)*

23 05 29 00-0229	EA	1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	29.23	6.00
		For Work In Restricted Working Space, Add	*3.59*	
23 05 29 00-0230	EA	3/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	29.68	6.09
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-0231	EA	1" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	30.88	6.19
		For Work In Restricted Working Space, Add	*3.72*	
23 05 29 00-0232	EA	1-1/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	32.95	6.29
		For Work In Restricted Working Space, Add	*3.78*	
23 05 29 00-0233	EA	1-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	37.06	6.39
		For Work In Restricted Working Space, Add	*3.83*	
23 05 29 00-0234	EA	2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	39.32	6.49
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0235	EA	2-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	42.49	6.69
		For Work In Restricted Working Space, Add	*4.01*	
23 05 29 00-0236	EA	3" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	46.60	6.89
		For Work In Restricted Working Space, Add	*4.14*	
23 05 29 00-0237	EA	4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	63.03	8.99
		For Work In Restricted Working Space, Add	*5.39*	

23 05 29 00-0238 Two Bolt Steel Underground Clamp (Cooper B-Line B3132) *(23 05 29 00-0175)*

Note: Type 42

23 05 29 00-0239	EA	4" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	64.49	6.99
		For Work In Restricted Working Space, Add	*4.16*	
23 05 29 00-0240	EA	6" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	68.49	7.49
		For Work In Restricted Working Space, Add	*4.52*	
23 05 29 00-0241	EA	8" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	75.15	7.99
		For Work In Restricted Working Space, Add	*4.79*	
23 05 29 00-0242	EA	10" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	80.12	7.99
		For Work In Restricted Working Space, Add	*4.78*	
23 05 29 00-0243	EA	12" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	96.80	8.99
		For Work In Restricted Working Space, Add	*5.39*	
23 05 29 00-0244	EA	14" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	297.15	9.99
		For Work In Restricted Working Space, Add	*5.99*	
23 05 29 00-0245	EA	16" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	397.81	11.98
		For Work In Restricted Working Space, Add	*7.19*	
23 05 29 00-0246	EA	18" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	473.97	13.98
		For Work In Restricted Working Space, Add	*8.39*	
23 05 29 00-0247	EA	20" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	689.40	14.98
		For Work In Restricted Working Space, Add	*8.99*	
23 05 29 00-0248	EA	24" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	949.27	15.98
		For Work In Restricted Working Space, Add	*9.59*	

23 05 29 00-0249 Four Bolt Steel Underground Clamp (Cooper B-Line B3134) *(23 05 29 00-0175)*

23 05 29 00-0250	EA	4" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	59.63	6.99
		For Work In Restricted Working Space, Add	*4.16*	
23 05 29 00-0251	EA	6" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	64.32	7.49
		For Work In Restricted Working Space, Add	*4.52*	
23 05 29 00-0252	EA	8" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	111.40	7.99
		For Work In Restricted Working Space, Add	*4.79*	
23 05 29 00-0253	EA	10" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	123.70	7.99
		For Work In Restricted Working Space, Add	*4.78*	
23 05 29 00-0254	EA	12" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	177.16	8.99
		For Work In Restricted Working Space, Add	*5.39*	
23 05 29 00-0255	EA	14" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	270.92	9.99
		For Work In Restricted Working Space, Add	*5.99*	
23 05 29 00-0256	EA	16" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	363.13	11.98
		For Work In Restricted Working Space, Add	*7.19*	
23 05 29 00-0257	EA	18" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	432.16	13.98
		For Work In Restricted Working Space, Add	*8.39*	
23 05 29 00-0258	EA	20" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	630.67	14.98
		For Work In Restricted Working Space, Add	*8.99*	
23 05 29 00-0259	EA	24" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	862.35	15.98
		For Work In Restricted Working Space, Add	*9.59*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0260		Split Pipe Clamps And Rings *(23 05 29 00-0001)*		
23 05 29 00-0261		Adjustable Split Ring Swivel Hanger (Cooper B-Line B3171) *(23 05 29 00-0260)* Note: Type 6.		
23 05 29 00-0262	EA	3/4" Adjustable Swivel Ring (Cooper B-Line B3171)	28.15	9.16
		For Work In Restricted Working Space, Add	*5.50*	
23 05 29 00-0263	EA	1" Adjustable Swivel Ring (Cooper B-Line B3171)	29.81	9.71
		For Work In Restricted Working Space, Add	*5.82*	
23 05 29 00-0264	EA	1-1/4" Adjustable Swivel Ring (Cooper B-Line B3171)	32.47	10.78
		For Work In Restricted Working Space, Add	*6.47*	
23 05 29 00-0265	EA	1-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)	34.92	11.32
		For Work In Restricted Working Space, Add	*6.80*	
23 05 29 00-0266	EA	2" Adjustable Swivel Ring (Cooper B-Line B3171)	37.64	11.87
		For Work In Restricted Working Space, Add	*7.12*	
23 05 29 00-0267	EA	2-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)	46.01	12.40
		For Work In Restricted Working Space, Add	*7.44*	
23 05 29 00-0268	EA	3" Adjustable Swivel Ring (Cooper B-Line B3171)	50.35	12.94
		For Work In Restricted Working Space, Add	*7.76*	
23 05 29 00-0269	EA	4" Adjustable Swivel Ring (Cooper B-Line B3171)	66.45	14.56
		For Work In Restricted Working Space, Add	*8.74*	
23 05 29 00-0270	EA	5" Adjustable Swivel Ring (Cooper B-Line B3171)	84.45	18.34
		For Work In Restricted Working Space, Add	*11.00*	
23 05 29 00-0271	EA	6" Adjustable Swivel Ring (Cooper B-Line B3171)	112.30	21.57
		For Work In Restricted Working Space, Add	*12.94*	
23 05 29 00-0272		Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) *(23 05 29 00-0260)* Note: Type 11.		
23 05 29 00-0273	EA	1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	18.67	7.60
		For Work In Restricted Working Space, Add	*4.65*	
23 05 29 00-0274	EA	3/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	19.68	7.60
		For Work In Restricted Working Space, Add	*4.86*	
23 05 29 00-0275	EA	1" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	21.68	9.76
		For Work In Restricted Working Space, Add	*5.42*	
23 05 29 00-0276	EA	1-1/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	23.51	9.76
		For Work In Restricted Working Space, Add	*5.71*	
23 05 29 00-0277	EA	1-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	26.10	9.76
		For Work In Restricted Working Space, Add	*5.92*	
23 05 29 00-0278	EA	2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	30.38	10.85
		For Work In Restricted Working Space, Add	*6.51*	
23 05 29 00-0279	EA	2-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	39.93	10.85
		For Work In Restricted Working Space, Add	*6.78*	
23 05 29 00-0280	EA	3" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	44.25	11.93
		For Work In Restricted Working Space, Add	*7.07*	
23 05 29 00-0281	EA	4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	47.18	13.02
		For Work In Restricted Working Space, Add	*7.75*	
23 05 29 00-0282		Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) *(23 05 29 00-0260)* Note: Type 12.		
23 05 29 00-0283	EA	1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	18.67	7.60
		For Work In Restricted Working Space, Add	*4.65*	
23 05 29 00-0284	EA	3/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	19.68	8.13
		For Work In Restricted Working Space, Add	*4.86*	
23 05 29 00-0285	EA	1" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	21.68	9.22
		For Work In Restricted Working Space, Add	*5.42*	
23 05 29 00-0286	EA	1-1/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	23.51	9.76
		For Work In Restricted Working Space, Add	*5.71*	
23 05 29 00-0287	EA	1-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	26.10	9.76
		For Work In Restricted Working Space, Add	*5.92*	
23 05 29 00-0288	EA	2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	30.38	10.85
		For Work In Restricted Working Space, Add	*6.51*	
23 05 29 00-0289	EA	2-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	39.93	11.38
		For Work In Restricted Working Space, Add	*6.78*	
23 05 29 00-0290	EA	3" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	44.25	11.93
		For Work In Restricted Working Space, Add	*7.07*	
23 05 29 00-0291		Pipe Straps *(23 05 29 00-0001)*		
23 05 29 00-0292		Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B-3180) *(23 05 29 00-0291)*		
23 05 29 00-0293	EA	1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	12.73	5.42
		For Work In Restricted Working Space, Add	*3.26*	
23 05 29 00-0294	EA	3/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	13.29	6.51
		For Work In Restricted Working Space, Add	*3.42*	
23 05 29 00-0295	EA	1" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	13.93	6.51
		For Work In Restricted Working Space, Add	*3.62*	
23 05 29 00-0296	EA	1-1/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	14.73	6.51
		For Work In Restricted Working Space, Add	*3.83*	
23 05 29 00-0297	EA	1-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	15.59	7.60
		For Work In Restricted Working Space, Add	*4.07*	

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23 05 29 00-0298	EA	2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	17.81	7.60
		For Work In Restricted Working Space, Add	*4.34*	
23 05 29 00-0299	EA	2-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	21.52	7.60
		For Work In Restricted Working Space, Add	*4.65*	
23 05 29 00-0300	EA	3" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	27.25	7.60
		For Work In Restricted Working Space, Add	*5.00*	
23 05 29 00-0301	EA	4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	32.24	9.76
		For Work In Restricted Working Space, Add	*5.86*	
23 05 29 00-0302	EA	6" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	39.23	10.85
		For Work In Restricted Working Space, Add	*6.51*	
23 05 29 00-0303	EA	8" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	48.56	11.93
		For Work In Restricted Working Space, Add	*7.16*	

23 05 29 00-0304 Two Hole Copper-Clad Pipe Straps *(23 05 29 00-0291)*

23 05 29 00-0305	EA	1/2" Two Hole Copper-Clad Pipe Strap	6.06	
		For Work In Restricted Working Space, Add	*1.63*	
23 05 29 00-0306	EA	3/4" Two Hole Copper-Clad Pipe Strap	6.44	
		For Work In Restricted Working Space, Add	*1.71*	
23 05 29 00-0307	EA	1" Two Hole Copper-Clad Pipe Strap	7.27	
		For Work In Restricted Working Space, Add	*1.79*	
23 05 29 00-0308	EA	1-1/4" Two Hole Copper-Clad Pipe Strap	8.14	
		For Work In Restricted Working Space, Add	*1.87*	
23 05 29 00-0309	EA	1-1/2" Two Hole Copper-Clad Pipe Strap	8.77	
		For Work In Restricted Working Space, Add	*1.95*	
23 05 29 00-0310	EA	2" Two Hole Copper-Clad Pipe Strap	9.52	
		For Work In Restricted Working Space, Add	*2.12*	

23 05 29 00-0311 One Hole Galvanized Steel Pipe Straps *(23 05 29 00-0291)*

23 05 29 00-0312	EA	1/2" One Hole Galvanized Steel Pipe Strap (Anvil 185D)	2.64	
		For Work In Restricted Working Space, Add	*0.54*	
23 05 29 00-0313	EA	3/4" One Hole Galvanized Steel Pipe Strap (Anvil 185D)	3.12	
		For Work In Restricted Working Space, Add	*0.58*	
23 05 29 00-0314	EA	1" One Hole Galvanized Steel Pipe Strap (Anvil 185D)	3.36	
		For Work In Restricted Working Space, Add	*0.63*	
23 05 29 00-0315	EA	1-1/4" Galvanized Steel Strap, 1 Hole	3.61	
		For Work In Restricted Working Space, Add	*0.68*	
23 05 29 00-0316	EA	1-1/2" Galvanized Steel Strap, 1 Hole	3.88	
		For Work In Restricted Working Space, Add	*0.74*	
23 05 29 00-0317	EA	2" Galvanized Steel Strap, 1 Hole	4.32	
		For Work In Restricted Working Space, Add	*0.81*	

23 05 29 00-0318 Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B-2400 Or Tripac 2STR) *(23 05 29 00-0291)*

Note: Designed for supporting pipe runs from strut supports.

23 05 29 00-0319	EA	1/2" Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-1/2ZN) Note: Designed for supporting pipe runs from strut supports.	42.94	17.36
		For Work In Restricted Working Space, Add	*10.41*	
23 05 29 00-0320	EA	3/4" Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-3/4ZN) Note: Designed for supporting pipe runs from strut supports.	46.56	18.98
		For Work In Restricted Working Space, Add	*11.39*	
23 05 29 00-0321	EA	1" Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-1ZN) Note: Designed for supporting pipe runs from strut supports.	50.31	20.61
		For Work In Restricted Working Space, Add	*12.36*	
23 05 29 00-0322	EA	1-1/4" Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-11/4ZN) Note: Designed for supporting pipe runs from strut supports.	54.09	22.23
		For Work In Restricted Working Space, Add	*13.34*	
23 05 29 00-0323	EA	1-1/2" Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-11/2ZN) Note: Designed for supporting pipe runs from strut supports.	58.68	23.86
		For Work In Restricted Working Space, Add	*14.32*	
23 05 29 00-0324	EA	2" Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-2ZN) Note: Designed for supporting pipe runs from strut supports.	66.94	26.03
		For Work In Restricted Working Space, Add	*15.62*	
23 05 29 00-0325	EA	2-1/2" Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-21/2ZN) Note: Designed for supporting pipe runs from strut supports.	73.95	28.74
		For Work In Restricted Working Space, Add	*17.24*	
23 05 29 00-0326	EA	3" Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-3ZN) Note: Designed for supporting pipe runs from strut supports.	81.14	31.99
		For Work In Restricted Working Space, Add	*19.20*	
23 05 29 00-0327	EA	3-1/2" Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-31/2ZN) Note: Designed for supporting pipe runs from strut supports.	81.78	31.99
		For Work In Restricted Working Space, Add	*19.20*	
23 05 29 00-0328	EA	4" Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-4ZN) Note: Designed for supporting pipe runs from strut supports.	95.04	37.41
		For Work In Restricted Working Space, Add	*22.45*	
23 05 29 00-0329	EA	5" Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-5ZN) Note: Designed for supporting pipe runs from strut supports.	113.07	43.39
		For Work In Restricted Working Space, Add	*25.70*	
23 05 29 00-0330	EA	6" Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-6ZN) Note: Designed for supporting pipe runs from strut supports.	127.24	48.26
		For Work In Restricted Working Space, Add	*28.96*	

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23 05 29 00-0331	EA	8" Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-8AN) Note: Designed for supporting pipe runs from strut supports.	153.77	58.57
		For Work In Restricted Working Space, Add	*35.14*	
23 05 29 00-0332	EA	10" Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-10AN) Note: Designed for supporting pipe runs from strut supports.	182.43	68.33
		For Work In Restricted Working Space, Add	*41.00*	
23 05 29 00-0333	EA	12" Standard Two Hole Pipe Strap, Zinc Coated Steel (Cooper B-Line B2400-12AN) Note: Designed for supporting pipe runs from strut supports.	206.76	75.91
		For Work In Restricted Working Space, Add	*45.55*	
23 05 29 00-0334		Standard Two Hole Pipe Strap, Stainless Steel (Cooper B-Line B-2400) *(23 05 29 00-0291)*		
23 05 29 00-0335	EA	1/2" Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-1/2SS4)	58.93	17.36
		For Work In Restricted Working Space, Add	*10.41*	
23 05 29 00-0336	EA	3/4" Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-3/4SS4)	63.22	19.52
		For Work In Restricted Working Space, Add	*11.39*	
23 05 29 00-0337	EA	1" Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-1SS4)	66.53	20.61
		For Work In Restricted Working Space, Add	*12.36*	
23 05 29 00-0338	EA	1-1/4" Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-11/4SS4)	76.56	22.78
		For Work In Restricted Working Space, Add	*13.34*	
23 05 29 00-0339	EA	1-1/2" Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-11/2SS4)	76.21	23.86
		For Work In Restricted Working Space, Add	*14.32*	
23 05 29 00-0340	EA	2" Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-2SS4)	93.27	26.03
		For Work In Restricted Working Space, Add	*15.62*	
23 05 29 00-0341	EA	2-1/2" Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-21/2SS4)	88.76	23.86
		For Work In Restricted Working Space, Add	*13.99*	
23 05 29 00-0342	EA	3" Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-3SS4)	107.97	32.54
		For Work In Restricted Working Space, Add	*19.20*	
23 05 29 00-0343	EA	3-1/2" Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-31/2SS4)	119.17	34.70
		For Work In Restricted Working Space, Add	*20.82*	
23 05 29 00-0344	EA	4" Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-4SS4)	133.08	37.96
		For Work In Restricted Working Space, Add	*22.45*	
23 05 29 00-0345	EA	5" Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-5SS4)	170.27	43.39
		For Work In Restricted Working Space, Add	*25.70*	
23 05 29 00-0346	EA	6" Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-6SS4)	186.97	48.81
		For Work In Restricted Working Space, Add	*28.96*	
23 05 29 00-0347	EA	8" Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-8SS4)	232.98	58.57
		For Work In Restricted Working Space, Add	*35.14*	
23 05 29 00-0348	EA	10" Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-10SS4)	270.38	68.33
		For Work In Restricted Working Space, Add	*41.00*	
23 05 29 00-0349	EA	12" Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-12SS4)	479.06	75.91
		For Work In Restricted Working Space, Add	*45.55*	
23 05 29 00-0350	EA	14" Standard Two Hole Pipe Strap, 304 Stainless Steel (Cooper B-Line B2400-14SS4)	357.57	83.51
		For Work In Restricted Working Space, Add	*50.11*	
23 05 29 00-0351		Pipe and Equipment Support Brackets *(23 05 29 00-0001)*		
23 05 29 00-0352		Pipe and Equipment Supports, Light Duty Welded Steel Bracket (Cooper B-Line B3068) *(23 05 29 00-0351)* Note: Up to 750# load.		
23 05 29 00-0353	EA	9" x 9" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	108.12	11.98
		For Work In Restricted Working Space, Add	*7.19*	
		For Galvanized, Add	*16.83*	
23 05 29 00-0354	EA	13" x 13" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	109.66	11.98
		For Work In Restricted Working Space, Add	*7.19*	
		For Galvanized, Add	*17.14*	
23 05 29 00-0355	EA	19" x 19" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	115.75	11.98
		For Work In Restricted Working Space, Add	*7.19*	
		For Galvanized, Add	*18.36*	
23 05 29 00-0356		Pipe and Equipment Supports, Medium Duty Welded Steel Bracket (Cooper B-Line B3066) *(23 05 29 00-0351)* Note: Up to 1500# load.		
23 05 29 00-0357	EA	12" Wide x 18" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	256.81	11.98
		For Work In Restricted Working Space, Add	*7.19*	
		For Galvanized, Add	*46.57*	
23 05 29 00-0358	EA	18" Wide x 24" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	300.58	11.98
		For Work In Restricted Working Space, Add	*7.19*	
		For Galvanized, Add	*55.32*	
23 05 29 00-0359	EA	24" Wide x 30" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	389.84	11.98
		For Work In Restricted Working Space, Add	*7.19*	
		For Galvanized, Add	*73.17*	
23 05 29 00-0360		Pipe Alignment Guide *(23 05 29 00-0001)*		
23 05 29 00-0361		Pipe Alignment Guide, 1" Insulation *(23 05 29 00-0360)*		
23 05 29 00-0362	EA	1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1/2)	783.96	18.98
23 05 29 00-0363	EA	3/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3/4)	784.95	19.47
23 05 29 00-0364	EA	1" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1)	785.95	19.98
23 05 29 00-0365	EA	1-1/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/4)	786.95	20.48

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23 05 29 00-0366	EA	1-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/2)	860.61	20.97
23 05 29 00-0367	EA	2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2)	875.91	22.97
23 05 29 00-0368	EA	2-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2-1/2)	877.40	23.73
23 05 29 00-0369	EA	3" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3)	878.90	24.47
23 05 29 00-0370	EA	4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-4)	930.10	25.97
23 05 29 00-0371	EA	5" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-5)	1,080.91	32.96
23 05 29 00-0372	EA	6" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-6)	1,094.69	39.95
23 05 29 00-0373	EA	8" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-8)	1,227.19	49.94
23 05 29 00-0374	EA	10" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-10)	2,314.25	59.93
23 05 29 00-0375	EA	12" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-12)	3,537.84	79.90
23 05 29 00-0376	EA	14" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-14)	4,351.35	99.88
23 05 29 00-0377	EA	16" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-16)	5,247.27	111.86
23 05 29 00-0378	EA	18" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-18)	5,653.77	124.85
23 05 29 00-0379	EA	20" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-20)	5,994.48	142.83
23 05 29 00-0380	EA	24" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-24)	7,594.89	149.82
23 05 29 00-0381		**Pipe Alignment Guide, 1-1/2" Insulation** *(23 05 29 00-0360)*		
23 05 29 00-0382	EA	1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1/2)	784.95	19.47
23 05 29 00-0383	EA	3/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3/4)	858.61	19.98
23 05 29 00-0384	EA	1" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1)	859.61	20.48
23 05 29 00-0385	EA	1-1/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/4)	860.61	20.97
23 05 29 00-0386	EA	1-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/2)	861.61	21.48
23 05 29 00-0387	EA	2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2)	876.91	23.47
23 05 29 00-0388	EA	2-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2-1/2)	878.40	24.22
23 05 29 00-0389	EA	3" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3)	928.10	24.97
23 05 29 00-0390	EA	4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-4)	931.09	26.47
23 05 29 00-0391	EA	5" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-5)	1,082.41	33.71
23 05 29 00-0392	EA	6" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-6)	1,096.89	40.95
23 05 29 00-0393	EA	8" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-8)	1,229.69	51.19
23 05 29 00-0394	EA	10" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-10)	2,317.24	61.43
23 05 29 00-0395	EA	12" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-12)	3,541.83	81.90
23 05 29 00-0396	EA	14" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-14)	4,356.34	102.38
23 05 29 00-0397	EA	16" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-16)	5,253.27	114.86
23 05 29 00-0398	EA	18" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-18)	5,659.76	127.85
23 05 29 00-0399	EA	20" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-20)	6,001.48	146.32
23 05 29 00-0400	EA	24" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-24)	7,602.38	153.56
23 05 29 00-0401		**Pipe Alignment Guide, 2" Insulation** *(23 05 29 00-0360)*		
23 05 29 00-0402	EA	1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1/2)	858.61	19.98
23 05 29 00-0403	EA	3/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3/4)	870.91	20.48
23 05 29 00-0404	EA	1" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1)	871.91	20.97
23 05 29 00-0405	EA	1-1/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/4)	872.91	21.48
23 05 29 00-0406	EA	1-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/2)	873.90	21.97
23 05 29 00-0407	EA	2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2)	926.10	23.97
23 05 29 00-0408	EA	2-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2-1/2)	928.10	24.97
23 05 29 00-0409	EA	3" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3)	929.35	25.59
23 05 29 00-0410	EA	4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-4)	1,068.92	26.97
23 05 29 00-0411	EA	5" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-5)	1,083.91	34.46
23 05 29 00-0412	EA	6" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-6)	1,211.21	41.95
23 05 29 00-0413	EA	8" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-8)	1,356.57	52.44
23 05 29 00-0414	EA	10" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-10)	2,320.23	62.92
23 05 29 00-0415	EA	12" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-12)	3,545.83	83.90
23 05 29 00-0416	EA	14" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-14)	4,361.34	104.87
23 05 29 00-0417	EA	16" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-16)	5,259.03	117.74
23 05 29 00-0418	EA	18" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-18)	5,666.25	131.09
23 05 29 00-0419	EA	20" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-20)	6,008.47	149.82
23 05 29 00-0420	EA	24" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-24)	7,609.87	157.31
23 05 29 00-0421		**Pipe Alignment Guide, 2-1/2" Insulation** *(23 05 29 00-0360)*		
23 05 29 00-0422	EA	1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1/2)	870.91	20.48
23 05 29 00-0423	EA	3/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3/4)	920.11	20.97
23 05 29 00-0424	EA	1" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1)	921.11	21.48
23 05 29 00-0425	EA	1-1/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/4)	922.10	21.97
23 05 29 00-0426	EA	1-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/2)	923.10	22.48
23 05 29 00-0427	EA	2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2)	927.10	24.47
23 05 29 00-0428	EA	2-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2-1/2)	929.35	25.59
23 05 29 00-0429	EA	3" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3)	1,067.43	26.21
23 05 29 00-0430	EA	4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-4)	1,069.92	27.46
23 05 29 00-0431	EA	5" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-5)	1,197.23	34.95
23 05 29 00-0432	EA	6" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-6)	1,213.20	42.95
23 05 29 00-0433	EA	8" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-8)	2,301.76	53.69
23 05 29 00-0434	EA	10" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-10)	3,506.88	64.42
23 05 29 00-0435	EA	12" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-12)	4,323.38	85.89
23 05 29 00-0436	EA	14" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-14)	4,367.11	107.37
23 05 29 00-0437	EA	16" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-16)	5,265.25	120.85
23 05 29 00-0438	EA	18" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-18)	5,672.74	134.34
23 05 29 00-0439	EA	20" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-20)	6,015.96	153.56
23 05 29 00-0440	EA	24" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-24)	7,617.86	161.30

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0441		**Pipe Alignment Guide, 3" Insulation** *(23 05 29 00-0360)*		
23 05 29 00-0442	EA	1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1/2)	920.11	20.97
23 05 29 00-0443	EA	3/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3/4)	921.11	21.48
23 05 29 00-0444	EA	1" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1)	922.10	21.97
23 05 29 00-0445	EA	1-1/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/4)	923.10	22.48
23 05 29 00-0446	EA	1-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/2)	924.11	22.97
23 05 29 00-0447	EA	2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2)	1,064.93	24.97
23 05 29 00-0448	EA	2-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2-1/2)	1,067.43	26.21
23 05 29 00-0449	EA	3" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3)	1,068.92	26.97
23 05 29 00-0450	EA	4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-4)	1,183.64	28.17
23 05 29 00-0451	EA	5" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-5)	1,199.22	35.96
23 05 29 00-0452	EA	6" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-6)	1,339.60	43.94
23 05 29 00-0453	EA	8" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-8)	2,304.26	54.93
23 05 29 00-0454	EA	10" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-10)	3,509.87	65.92
23 05 29 00-0455	EA	12" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-12)	4,327.37	87.90
23 05 29 00-0456	EA	14" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-14)	4,372.11	109.87
23 05 29 00-0457	EA	16" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-16)	5,271.24	123.85
23 05 29 00-0458	EA	18" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-18)	5,678.74	137.33
23 05 29 00-0459	EA	20" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-20)	6,023.45	157.31
23 05 29 00-0460	EA	24" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-24)	7,625.85	165.30
23 05 29 00-0461		**Pipe Alignment Guide, 3-1/2" Insulation** *(23 05 29 00-0360)*		
23 05 29 00-0462	EA	1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1/2)	921.11	21.48
23 05 29 00-0463	EA	3/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3/4)	1,058.93	21.97
23 05 29 00-0464	EA	1" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1)	1,059.93	22.48
23 05 29 00-0465	EA	1-1/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/4)	1,060.94	22.97
23 05 29 00-0466	EA	1-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/2)	1,061.94	23.47
23 05 29 00-0467	EA	2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2)	1,066.18	25.59
23 05 29 00-0468	EA	2-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2-1/2)	1,068.72	26.87
23 05 29 00-0469	EA	3" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3)	1,182.59	27.65
23 05 29 00-0470	EA	4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-4)	1,185.24	28.97
23 05 29 00-0471	EA	5" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-5)	1,325.61	36.96
23 05 29 00-0472	EA	6" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-6)	2,284.28	44.94
23 05 29 00-0473	EA	8" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-8)	3,490.40	56.18
23 05 29 00-0474	EA	10" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-10)	4,287.51	67.57
23 05 29 00-0475	EA	12" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-12)	5,203.32	89.89
23 05 29 00-0476	EA	14" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-14)	5,248.77	112.61
23 05 29 00-0477	EA	16" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-16)	5,675.70	126.84
23 05 29 00-0478	EA	18" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-18)	5,990.49	140.83
23 05 29 00-0479	EA	20" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-20)	7,616.86	160.81
23 05 29 00-0480		**Pipe Alignment Guide, 4" Insulation** *(23 05 29 00-0360)*		
23 05 29 00-0481	EA	1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1/2)	1,058.93	21.97
23 05 29 00-0482	EA	3/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3/4)	1,059.93	22.48
23 05 29 00-0483	EA	1" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1)	1,060.94	22.97
23 05 29 00-0484	EA	1-1/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/4)	1,061.94	23.47
23 05 29 00-0485	EA	1-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/2)	1,062.93	23.97
23 05 29 00-0486	EA	2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2)	1,179.75	26.21
23 05 29 00-0487	EA	2-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2-1/2)	1,182.24	27.46
23 05 29 00-0488	EA	3" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3)	1,183.94	28.31
23 05 29 00-0489	EA	4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-4)	1,311.12	29.71
23 05 29 00-0490	EA	5" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-5)	2,270.29	37.96
23 05 29 00-0491	EA	6" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-6)	2,286.28	45.95
23 05 29 00-0492	EA	8" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-8)	3,492.89	57.43
23 05 29 00-0493	EA	10" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-10)	4,291.20	69.41
23 05 29 00-0494	EA	12" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-12)	5,207.82	92.14
23 05 29 00-0495	EA	14" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-14)	5,633.80	114.86
23 05 29 00-0496	EA	16" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-16)	5,968.52	129.84
23 05 29 00-0497	EA	18" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-18)	7,584.90	144.82
23 05 29 00-0498		**Sway Bracing For No Hub Pipe** *(23 05 29 00-0001)*		
23 05 29 00-0499	EA	1-1/2" Sway Bracing	153.09	13.18
		For Work In Restricted Working Space, Add	*7.89*	
23 05 29 00-0500	EA	2" Sway Bracing	157.57	13.88
		For Work In Restricted Working Space, Add	*8.33*	
23 05 29 00-0501	EA	3" Sway Bracing	163.05	14.68
		For Work In Restricted Working Space, Add	*8.81*	
23 05 29 00-0502	EA	4" Sway Bracing	185.08	16.68
		For Work In Restricted Working Space, Add	*9.99*	
23 05 29 00-0503	EA	6" Sway Bracing	271.29	24.97
		For Work In Restricted Working Space, Add	*14.98*	
23 05 29 00-0504	EA	8" Sway Bracing	298.81	31.16
		For Work In Restricted Working Space, Add	*18.73*	
23 05 29 00-0505	EA	10" Sway Bracing	333.75	41.65
		For Work In Restricted Working Space, Add	*24.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0506		Pipe Stand With Adjustable Saddle (Cooper B-Line B3088T-18 Base, B3093 Adjustable Pipe Saddle) *(23 05 29 00-0001)*		
		Note: Heights listed is total for base and adjustable saddle		
23 05 29 00-0507	EA	23" to 28" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	339.98	9.99
		For Work In Restricted Working Space, Add	*5.99*	
23 05 29 00-0508	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	347.34	10.99
		For Work In Restricted Working Space, Add	*6.59*	
23 05 29 00-0509	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	690.17	12.49
		For Work In Restricted Working Space, Add	*7.49*	
23 05 29 00-0510	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	844.42	13.98
		For Work In Restricted Working Space, Add	*8.39*	
23 05 29 00-0511	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 3" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	854.77	15.48
		For Work In Restricted Working Space, Add	*9.29*	
23 05 29 00-0512	EA	25" to 29" High Pipe Stand With Adjustable Saddle For 3-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	939.66	17.48
		For Work In Restricted Working Space, Add	*10.49*	
23 05 29 00-0513	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,121.77	18.98
		For Work In Restricted Working Space, Add	*11.39*	
23 05 29 00-0514	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 5" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,134.46	20.48
		For Work In Restricted Working Space, Add	*12.29*	
23 05 29 00-0515	EA	26" to 31" High Pipe Stand With Adjustable Saddle For 6" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,150.66	22.48
		For Work In Restricted Working Space, Add	*13.48*	
23 05 29 00-0516	EA	28" to 33" High Pipe Stand With Adjustable Saddle For 8" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,197.75	24.47
		For Work In Restricted Working Space, Add	*14.68*	
23 05 29 00-0517	EA	29" to 34" High Pipe Stand With Adjustable Saddle For 10" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,282.65	26.97
		For Work In Restricted Working Space, Add	*16.18*	
23 05 29 00-0518	EA	30" to 35" High Pipe Stand With Adjustable Saddle For 12" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,320.07	29.96
		For Work In Restricted Working Space, Add	*17.98*	
23 05 29 00-0519	EA	32" to 37" High Pipe Stand With Adjustable Saddle For 14" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,610.26	32.96
		For Work In Restricted Working Space, Add	*19.78*	
23 05 29 00-0520	EA	33" to 38" High Pipe Stand With Adjustable Saddle For 16" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,755.79	36.96
		For Work In Restricted Working Space, Add	*22.17*	
23 05 29 00-0521	EA	35" to 40" High Pipe Stand With Adjustable Saddle For 18" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	2,484.41	40.95
		For Work In Restricted Working Space, Add	*24.57*	
23 05 29 00-0522	EA	36" to 41" High Pipe Stand With Adjustable Saddle For 20" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	3,062.14	44.94
		For Work In Restricted Working Space, Add	*26.97*	
23 05 29 00-0523	EA	39" to 44" High Pipe Stand With Adjustable Saddle For 24" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	3,677.04	48.94
		For Work In Restricted Working Space, Add	*29.36*	
23 05 29 00-0524		Channel Mounted Cushion Clamp *(23 05 29 00-0001)*		
		Note: Includes fastening into channel.		
23 05 29 00-0525	EA	1/2" Channel Mounted Cushion Clamp For 3/8" Pipe (Cooper B-Line BVT050)	12.02	4.50
23 05 29 00-0526	EA	5/8" Channel Mounted Cushion Clamp For 1/2" Pipe (Cooper B-Line BVT062)	12.67	4.99
23 05 29 00-0527	EA	7/8" Channel Mounted Cushion Clamp For 3/4" Pipe (Cooper B-Line BVT087)	14.03	5.24
23 05 29 00-0528	EA	1-1/8" Channel Mounted Cushion Clamp For 1" Pipe (Cooper B-Line BVT112)	15.02	5.49
23 05 29 00-0529	EA	1-3/8" Channel Mounted Cushion Clamp For 1-1/4" Pipe (Cooper B-Line BVT137)	16.77	6.00
23 05 29 00-0530	EA	1-5/8" Channel Mounted Cushion Clamp For 1-1/2" Pipe (Cooper B-Line BVT162)	18.74	6.24
23 05 29 00-0531	EA	2-1/8" Channel Mounted Cushion Clamp For 2" Pipe (Cooper B-Line BVT212)	23.66	6.49
23 05 29 00-0532	EA	2-5/8" Channel Mounted Cushion Clamp For 2-1/2" Pipe (Cooper B-Line BVT262)	26.16	6.99
23 05 29 00-0533	EA	3-1/8" Channel Mounted Cushion Clamp For 3" Pipe (Cooper B-Line BVT312)	32.16	7.99
23 05 29 00-0534	EA	4-1/8" Channel Mounted Cushion Clamp For 4" Pipe (Cooper B-Line BVT412)	48.74	8.99
23 05 29 00-0535		Galvanized Steel Cushion Tube Clamp (KMC) *(23 05 29 00-0001)*		
		Note: Excludes fastening bolt and drilling if necessary.		
23 05 29 00-0536	EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/8" Pipe Note: 19/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.79	
23 05 29 00-0537	EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/8" Pipe Note: 23/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.92	
23 05 29 00-0538	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1/2" Pipe Note: 23/32" Center To Center Length, 9/32" Hole Diameter For Screw	4.01	
23 05 29 00-0539	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1/2" Pipe Note: 27/32" Center To Center Length, 13/32" Hole Diameter For Screw	4.22	
23 05 29 00-0540	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/4" Pipe Note: 27/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.97	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0541	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/4" Pipe Note: 31/32" Center To Center Length, 13/32" Hole Diameter For Screw	4.35	
23 05 29 00-0542	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1" Pipe Note: 31/32" Center To Center Length, 9/32" Hole Diameter For Screw	4.12	
23 05 29 00-0543	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1" Pipe Note: 1-1/32" Center To Center Length, 13/32" Hole Diameter For Screw	4.59	
23 05 29 00-0544	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1" Pipe Note: 1-5/32" Center To Center Length, 17/32" Hole Diameter For Screw	4.61	
23 05 29 00-0545	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/4" Pipe Note: 1-3/32" Center To Center Length, 9/32" Hole Diameter For Screw	4.33	
23 05 29 00-0546	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/4" Pipe Note: 1-7/32" Center To Center Length, 13/32" Hole Diameter For Screw	4.55	
23 05 29 00-0547	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/4" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.21	
23 05 29 00-0548	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/2" Pipe Note: 1-5/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.57	
23 05 29 00-0549	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/2" Pipe Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	5.00	
23 05 29 00-0550	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/2" Pipe Note: 1-13/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.71	
23 05 29 00-0551	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2" Pipe Note: 1-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	5.77	
23 05 29 00-0552	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2" Pipe Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	6.16	
23 05 29 00-0553	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	6.94	
23 05 29 00-0554	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2-1/2" Pipe Note: 1-11/16" Center To Center Length, 9/32" Hole Diameter For Screw	7.17	
23 05 29 00-0555	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2-1/2" Pipe Note: 1-13/16" Center To Center Length, 13/32" Hole Diameter For Screw	8.34	
23 05 29 00-0556	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2-1/2" Pipe Note: 1-15/16" Center To Center Length, 17/32" Hole Diameter For Screw	8.42	
23 05 29 00-0557	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3" Pipe Note: 1-15/16" Center To Center Length, 9/32" Hole Diameter For Screw	7.41	
23 05 29 00-0558	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3" Pipe Note: 2-1/16" Center To Center Length, 13/32" Hole Diameter For Screw	8.34	
23 05 29 00-0559	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3" Pipe Note: 2-3/16" Center To Center Length, 17/32" Hole Diameter For Screw	8.90	
23 05 29 00-0560	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3-1/2" Pipe Note: 2-3/16" Center To Center Length, 9/32" Hole Diameter For Screw	7.71	
23 05 29 00-0561	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3-1/2" Pipe Note: 2-5/16" Center To Center Length, 13/32" Hole Diameter For Screw	8.27	
23 05 29 00-0562	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3-1/2" Pipe Note: 2-7/16" Center To Center Length, 17/32" Hole Diameter For Screw	10.45	
23 05 29 00-0563	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 4" Pipe Note: 2-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	7.65	
23 05 29 00-0564	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 4" Pipe Note: 2-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	8.47	
23 05 29 00-0565	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 4" Pipe Note: 2-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	10.92	
23 05 29 00-0566		**Rooftop Pipe Supports** *(23 05 29 00-0001)* Note: Excludes pipe/conduit clamps and straps.		
23 05 29 00-0567		**Rooftop Support Base** *(23 05 29 00-0566)*		
23 05 29 00-0568	EA	4" x 6" x 4.8" Rooftop Support Base (Cooper B-Line Dura-Blok DBM)	42.97	8.13
23 05 29 00-0569	EA	4" x 6" x 9.6" Rooftop Support Base (Cooper B-Line Dura-Blok DBP)	60.21	10.85
23 05 29 00-0570		**Rooftop Support Base With 14 Gauge Galvanized Channel** *(23 05 29 00-0566)*		
23 05 29 00-0571	EA	5" x 6" x 4.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB5)	49.62	8.13
23 05 29 00-0572	EA	5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10)	71.01	10.85
23 05 29 00-0573	EA	5" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB20)	135.75	13.56
23 05 29 00-0574	EA	5" x 6" x 30.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB30)	189.38	16.27
23 05 29 00-0575	EA	5" x 6" x 41.4" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB40)	264.79	18.98
23 05 29 00-0576	EA	5" x 6" x 52" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB48)	278.06	21.69
23 05 29 00-0577		**Rooftop Support Base With 12 Gauge Galvanized Channel** *(23 05 29 00-0566)*		
23 05 29 00-0578	EA	6-7/16" x 6" x 9.6" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB610)	88.66	10.85
23 05 29 00-0579	EA	6-7/16" x 6" x 20.2" Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB620)	143.63	13.56
23 05 29 00-0580	EA	6-7/16" x 6" x 30.8" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB630)	192.54	16.27
23 05 29 00-0581	EA	6-7/16" x 6" x 41.4" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB640)	264.96	18.98
23 05 29 00-0582	EA	6-7/16" x 6" x 52" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB648)	301.72	16.27
23 05 29 00-0583		**Rooftop Bridge Support Base With 12 Gauge Galvanized Channel** *(23 05 29 00-0566)*		
23 05 29 00-0584	EA	5-5/8" x 6" x 28" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-28)	149.87	16.27
23 05 29 00-0585	EA	5-5/8" x 6" x 36" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-36)	170.36	18.98

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0586	EA	5-5/8" x 6" x 42" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-42)	175.72	21.69
23 05 29 00-0587	EA	5-5/8" x 6" x 50" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-50)	191.87	24.40
23 05 29 00-0588	EA	5-5/8" x 6" x 60" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-60)	248.50	27.12
23 05 29 00-0589		**Rooftop Pipe Support Base And Rod** *(23 05 29 00-0566)*		
23 05 29 00-0590	EA	9.69" To 11.19" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1/2CT)	109.56	10.85
23 05 29 00-0591	EA	9.84" To 11.34" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-3/4CT)	109.56	10.85
23 05 29 00-0592	EA	9.95" To 11.45" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1CT)	110.22	10.85
23 05 29 00-0593	EA	10.13" To 11.63" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/4CT)	116.33	13.56
23 05 29 00-0594	EA	10.28" To 11.78" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/2CT)	111.50	13.56
23 05 29 00-0595	EA	10.53" To 12.03" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-2CT)	117.70	13.56
23 05 29 00-0596		**Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly** *(23 05 29 00-0566)*		
23 05 29 00-0597	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR2-3 1/2)	141.19	10.85
23 05 29 00-0598	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR4-6)	158.53	10.85
23 05 29 00-0599	EA	8.34" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR8-10)	208.29	13.56
23 05 29 00-0600	EA	9.38" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR12-14)	279.18	13.56
23 05 29 00-0601	EA	9.78" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR16-20)	384.46	13.56
23 05 29 00-0602		**Rooftop Support Base And Adjustable Height Roller Assembly** *(23 05 29 00-0566)*		
		Note: Includes base, two zinc all threaded rod risers and pipe roller.		
23 05 29 00-0603	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Roller Assembly (Cooper B-Line Dura-Blok DBR10-12)	173.89	16.27
23 05 29 00-0604		**Rooftop Support Base And Adjustable Height Channel Assembly** *(23 05 29 00-0566)*		
		Note: Includes base, two zinc all threaded rod and 14 gauge slotted channel.		
23 05 29 00-0605	EA	Up To 8" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-8)	111.82	13.56
23 05 29 00-0606	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-12)	154.07	16.27
23 05 29 00-0607	EA	Up To 16" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-16)	171.16	18.98
23 05 29 00-0608		**Rooftop Support Bases With Channel Support And Risers Assembly** *(23 05 29 00-0566)*		
		Note: Includes two support bases, two 12 gauge galvanized channel risers and one 12 gauge galvanized channel support. Dimensions are "overall" (height x width x length).		
23 05 29 00-0609	EA	23" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2318DS)	431.57	21.69
23 05 29 00-0610	EA	29" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2918DS)	436.56	21.69
23 05 29 00-0611	EA	41" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4118DS)	454.06	21.69
23 05 29 00-0612	EA	53" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5318DS)	494.24	21.69
23 05 29 00-0613	EA	23" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2324DS)	422.66	21.69
23 05 29 00-0614	EA	29" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2924DS)	439.41	21.69
23 05 29 00-0615	EA	41" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4124DS)	456.91	21.69
23 05 29 00-0616	EA	53" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5324DS)	497.08	21.69
23 05 29 00-0617	EA	23" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2336DS)	442.57	21.69
23 05 29 00-0618	EA	29" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2936DS)	448.41	21.69
23 05 29 00-0619	EA	41" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4136DS)	465.58	21.69
23 05 29 00-0620	EA	53" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5336DS)	505.92	21.69
23 05 29 00-0621	EA	23" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2348DS)	462.91	21.69
23 05 29 00-0622	EA	29" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2948DS)	468.24	21.69
23 05 29 00-0623	EA	41" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4148DS)	485.40	21.69
23 05 29 00-0624	EA	53" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5348DS)	525.74	21.69

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0625		Threaded Rod, Accessories And Attachments *(23 05 29)*		
23 05 29 00-0626		Threaded Rod And Rod Accessories *(23 05 29 00-0625)*		
23 05 29 00-0627		Threaded Rod *(23 05 29 00-0626)*		
		Note: Fully threaded.		
23 05 29 00-0628	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.16	0.68
		For Work In Restricted Working Space, Add	*0.41*	
		For Galvanized, Add	*0.72*	
		For Zinc Plated, Add	*0.51*	
23 05 29 00-0629	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.30	0.73
		For Work In Restricted Working Space, Add	*0.43*	
		For Galvanized, Add	*1.14*	
		For Zinc Plated, Add	*0.82*	
23 05 29 00-0630	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.93	0.75
		For Work In Restricted Working Space, Add	*0.45*	
		For Galvanized, Add	*1.77*	
		For Zinc Plated, Add	*1.26*	
23 05 29 00-0631	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.59	0.77
		For Work In Restricted Working Space, Add	*0.46*	
		For Galvanized, Add	*3.22*	
		For Zinc Plated, Add	*2.29*	
23 05 29 00-0632	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.44	0.80
		For Work In Restricted Working Space, Add	*0.48*	
		For Galvanized, Add	*3.54*	
		For Zinc Plated, Add	*2.52*	
23 05 29 00-0633	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	14.23	0.90
		For Work In Restricted Working Space, Add	*0.54*	
		For Galvanized, Add	*4.97*	
		For Zinc Plated, Add	*3.54*	
23 05 29 00-0634	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.68	1.01
		For Work In Restricted Working Space, Add	*0.60*	
		For Galvanized, Add	*6.27*	
		For Zinc Plated, Add	*4.47*	
23 05 29 00-0635		Rod Couplings *(23 05 29 00-0626)*		
23 05 29 00-0636	EA	3/8" Diameter, Threaded Rod Coupling Nut	7.92	
		For Work In Restricted Working Space, Add	*2.00*	
23 05 29 00-0637	EA	1/2" Diameter, Threaded Rod Coupling Nut	8.98	
		For Work In Restricted Working Space, Add	*2.22*	
23 05 29 00-0638	EA	5/8" Diameter, Threaded Rod Coupling Nut	11.13	
		For Work In Restricted Working Space, Add	*2.50*	
23 05 29 00-0639	EA	3/4" Diameter, Threaded Rod Coupling Nut	13.47	
		For Work In Restricted Working Space, Add	*2.73*	
23 05 29 00-0640	EA	7/8" Diameter, Threaded Rod Coupling Nut	19.42	
		For Work In Restricted Working Space, Add	*3.00*	
23 05 29 00-0641	EA	1" Diameter, Threaded Rod Coupling Nut	23.03	
		For Work In Restricted Working Space, Add	*3.53*	
23 05 29 00-0642	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	43.16	
		For Work In Restricted Working Space, Add	*4.00*	
23 05 29 00-0643		Flat Washers *(23 05 29 00-0626)*		
		Note: Zinc plated.		
23 05 29 00-0644	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.56	0.22
		For Work In Restricted Working Space, Add	*0.14*	
		For Galvanized, Add	*0.03*	
23 05 29 00-0645	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.75	0.22
		For Work In Restricted Working Space, Add	*0.15*	
		For Galvanized, Add	*0.06*	
23 05 29 00-0646	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.06	0.32
		For Work In Restricted Working Space, Add	*0.18*	
		For Galvanized, Add	*0.12*	
23 05 29 00-0647	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.44	0.32
		For Work In Restricted Working Space, Add	*0.23*	
		For Galvanized, Add	*0.17*	
23 05 29 00-0648	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.70	0.43
		For Work In Restricted Working Space, Add	*0.27*	
		For Galvanized, Add	*0.20*	
23 05 29 00-0649	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.98	0.43
		For Work In Restricted Working Space, Add	*0.30*	
		For Galvanized, Add	*0.24*	
23 05 29 00-0650	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.22	0.54
		For Work In Restricted Working Space, Add	*0.34*	
		For Galvanized, Add	*0.27*	
23 05 29 00-0651		Hex Nuts *(23 05 29 00-0626)*		
		Note: Grade 2 and zinc plated.		
23 05 29 00-0652	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.70	0.27
		For Work In Restricted Working Space, Add	*0.18*	
		For Galvanized, Add	*0.02*	

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23 05 29 00-0653	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.88	0.27
		For Work In Restricted Working Space, Add	*0.20*	
		For Galvanized, Add	*0.05*	
23 05 29 00-0654	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.18	0.27
		For Work In Restricted Working Space, Add	*0.22*	
		For Galvanized, Add	*0.12*	
23 05 29 00-0655	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.38	0.54
		For Work In Restricted Working Space, Add	*0.23*	
		For Galvanized, Add	*0.16*	
23 05 29 00-0656	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.97	0.54
		For Work In Restricted Working Space, Add	*0.24*	
		For Galvanized, Add	*0.29*	
23 05 29 00-0657	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.49	0.54
		For Work In Restricted Working Space, Add	*0.27*	
		For Galvanized, Add	*0.40*	
23 05 29 00-0658	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	4.00	0.54
		For Work In Restricted Working Space, Add	*0.30*	
		For Galvanized, Add	*0.75*	

23 05 29 00-0659 Turnbuckle (Cooper B-Line B3202) *(23 05 29 00-0626)*

Note: Type 13.

23 05 29 00-0660	EA	3/8" Turnbuckle (Cooper B-Line B3202)	24.55	5.42
		For Work In Restricted Working Space, Add	*3.26*	
23 05 29 00-0661	EA	1/2" Turnbuckle (Cooper B-Line B3202)	29.08	5.96
		For Work In Restricted Working Space, Add	*3.62*	
23 05 29 00-0662	EA	5/8" Turnbuckle (Cooper B-Line B3202)	31.37	6.51
		For Work In Restricted Working Space, Add	*4.07*	
23 05 29 00-0663	EA	3/4" Turnbuckle (Cooper B-Line B3202)	39.35	7.60
		For Work In Restricted Working Space, Add	*4.65*	
23 05 29 00-0664	EA	7/8" Turnbuckle (Cooper B-Line B3202)	50.77	8.13
		For Work In Restricted Working Space, Add	*5.42*	
23 05 29 00-0665	EA	1" Turnbuckle (Cooper B-Line B3202)	62.96	8.68
		For Work In Restricted Working Space, Add	*6.51*	
23 05 29 00-0666	EA	1-1/8" Turnbuckle (Cooper B-Line B3202)	87.11	9.77
		For Work In Restricted Working Space, Add	*8.14*	

23 05 29 00-0667 Swivel Turnbuckle (Cooper B-Line B3224) *(23 05 29 00-0626)*

Note: Type 15.

23 05 29 00-0668	EA	3/8" Swivel Turnbuckle (Cooper B-Line B3224)	15.89	5.42
		For Work In Restricted Working Space, Add	*3.26*	
23 05 29 00-0669	EA	1/2" Swivel Turnbuckle (Cooper B-Line B3224)	18.34	6.07
		For Work In Restricted Working Space, Add	*3.62*	
23 05 29 00-0670	EA	5/8" Swivel Turnbuckle (Cooper B-Line B3224)	24.12	6.73
		For Work In Restricted Working Space, Add	*4.07*	
23 05 29 00-0671	EA	3/4" Swivel Turnbuckle (Cooper B-Line B3224)	29.07	7.70
		For Work In Restricted Working Space, Add	*4.65*	

23 05 29 00-0672 Forged Steel Clevis (Cooper B-Line B3201) *(23 05 29 00-0626)*

Note: Type 14.

23 05 29 00-0673	EA	3-9/16" Forged Steel Clevis With Pin, 3/8" To 5/8" Rod Size (Cooper B-Line B3201)	80.43	9.99
		For Work In Restricted Working Space, Add	*5.99*	
23 05 29 00-0674	EA	4" Forged Steel Clevis With Pin, 3/4" To 7/8" Rod Size (Cooper B-Line B3201)	117.93	10.49
		For Work In Restricted Working Space, Add	*6.31*	
23 05 29 00-0675	EA	5-1/16" Forged Steel Clevis With Pin, 1" Rod Size (Cooper B-Line B3201)	127.50	10.99
		For Work In Restricted Working Space, Add	*6.66*	
23 05 29 00-0676	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/8" Rod Size (Cooper B-Line B3201)	132.81	11.98
		For Work In Restricted Working Space, Add	*7.05*	
23 05 29 00-0677	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/4" Rod Size (Cooper B-Line B3201)	139.95	13.49
		For Work In Restricted Working Space, Add	*7.99*	
23 05 29 00-0678	EA	6" Forged Steel Clevis With Pin, 1-1/2" Rod Size (Cooper B-Line B3201)	232.40	17.48
		For Work In Restricted Working Space, Add	*10.49*	
23 05 29 00-0679	EA	5-15/16" Forged Steel Clevis With Pin, 1-3/4" Rod Size (Cooper B-Line B3201)	252.41	19.98
		For Work In Restricted Working Space, Add	*11.99*	
23 05 29 00-0680	EA	7" Forged Steel Clevis With Pin, 2" Rod Size (Cooper B-Line B3201)	297.81	24.97
		For Work In Restricted Working Space, Add	*14.98*	

23 05 29 00-0681 Welded Eye Rod (Cooper B-Line B3211) *(23 05 29 00-0626)*

23 05 29 00-0682	EA	3/8" Diameter x 8" Length Shank, Welded Eye Rod	24.49	5.85
		For Work In Restricted Working Space, Add	*3.53*	
23 05 29 00-0683	EA	3/8" Diameter x 10" Length Shank, Welded Eye Rod	25.27	5.96
		For Work In Restricted Working Space, Add	*3.59*	
23 05 29 00-0684	EA	3/8" Diameter x 12" Length Shank, Welded Eye Rod	26.03	6.07
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-0685	EA	3/8" Diameter x 14" Length Shank, Welded Eye Rod	26.26	6.19
		For Work In Restricted Working Space, Add	*3.73*	
23 05 29 00-0686	EA	3/8" Diameter x 18" Length Shank, Welded Eye Rod	27.81	6.40
		For Work In Restricted Working Space, Add	*3.86*	
23 05 29 00-0687	EA	3/8" Diameter x 24" Length Shank, Welded Eye Rod	29.62	6.83
		For Work In Restricted Working Space, Add	*4.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0688	EA	3/8" Diameter x 30" Length Shank, Welded Eye Rod	30.84	7.16
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-0689	EA	3/8" Diameter x 36" Length Shank, Welded Eye Rod	33.18	7.48
		For Work In Restricted Working Space, Add	*4.47*	
23 05 29 00-0690	EA	3/8" Diameter x 42" Length Shank, Welded Eye Rod	34.95	7.81
		For Work In Restricted Working Space, Add	*4.68*	
23 05 29 00-0691	EA	3/8" Diameter x 48" Length Shank, Welded Eye Rod	36.75	8.13
		For Work In Restricted Working Space, Add	*4.88*	
23 05 29 00-0692	EA	1/2" Diameter x 8" Length Shank, Welded Eye Rod	32.37	6.51
		For Work In Restricted Working Space, Add	*3.90*	
23 05 29 00-0693	EA	1/2" Diameter x 10" Length Shank, Welded Eye Rod	33.16	6.62
		For Work In Restricted Working Space, Add	*3.98*	
23 05 29 00-0694	EA	1/2" Diameter x 12" Length Shank, Welded Eye Rod	33.96	6.73
		For Work In Restricted Working Space, Add	*4.04*	
23 05 29 00-0695	EA	1/2" Diameter x 14" Length Shank, Welded Eye Rod	34.76	6.83
		For Work In Restricted Working Space, Add	*4.12*	
23 05 29 00-0696	EA	1/2" Diameter x 18" Length Shank, Welded Eye Rod	36.34	7.05
		For Work In Restricted Working Space, Add	*4.26*	
23 05 29 00-0697	EA	1/2" Diameter x 24" Length Shank, Welded Eye Rod	39.27	7.49
		For Work In Restricted Working Space, Add	*4.48*	
23 05 29 00-0698	EA	1/2" Diameter x 30" Length Shank, Welded Eye Rod	41.67	7.81
		For Work In Restricted Working Space, Add	*4.70*	
23 05 29 00-0699	EA	1/2" Diameter x 36" Length Shank, Welded Eye Rod	44.60	8.13
		For Work In Restricted Working Space, Add	*4.91*	
23 05 29 00-0700	EA	1/2" Diameter x 42" Length Shank, Welded Eye Rod	46.96	8.58
		For Work In Restricted Working Space, Add	*5.13*	
23 05 29 00-0701	EA	1/2" Diameter x 48" Length Shank, Welded Eye Rod	49.36	8.90
		For Work In Restricted Working Space, Add	*5.35*	
23 05 29 00-0702	EA	5/8" Diameter x 8" Length Shank, Welded Eye Rod	43.33	7.27
		For Work In Restricted Working Space, Add	*4.37*	
23 05 29 00-0703	EA	5/8" Diameter x 10" Length Shank, Welded Eye Rod	44.67	7.38
		For Work In Restricted Working Space, Add	*4.44*	
23 05 29 00-0704	EA	5/8" Diameter x 12" Length Shank, Welded Eye Rod	46.04	7.49
		For Work In Restricted Working Space, Add	*4.52*	
23 05 29 00-0705	EA	5/8" Diameter x 14" Length Shank, Welded Eye Rod	46.85	7.70
		For Work In Restricted Working Space, Add	*4.59*	
23 05 29 00-0706	EA	5/8" Diameter x 18" Length Shank, Welded Eye Rod	49.01	7.92
		For Work In Restricted Working Space, Add	*4.74*	
23 05 29 00-0707	EA	5/8" Diameter x 24" Length Shank, Welded Eye Rod	52.52	8.24
		For Work In Restricted Working Space, Add	*4.97*	
23 05 29 00-0708	EA	5/8" Diameter x 30" Length Shank, Welded Eye Rod	56.02	8.68
		For Work In Restricted Working Space, Add	*5.19*	
23 05 29 00-0709	EA	5/8" Diameter x 36" Length Shank, Welded Eye Rod	58.99	9.01
		For Work In Restricted Working Space, Add	*5.42*	
23 05 29 00-0710	EA	5/8" Diameter x 42" Length Shank, Welded Eye Rod	62.51	9.44
		For Work In Restricted Working Space, Add	*5.64*	
23 05 29 00-0711	EA	5/8" Diameter x 48" Length Shank, Welded Eye Rod	66.01	9.77
		For Work In Restricted Working Space, Add	*5.87*	
23 05 29 00-0712	EA	3/4" Diameter x 8" Length Shank, Welded Eye Rod	53.05	8.24
		For Work In Restricted Working Space, Add	*4.97*	
23 05 29 00-0713	EA	3/4" Diameter x 10" Length Shank, Welded Eye Rod	54.98	8.35
		For Work In Restricted Working Space, Add	*5.04*	
23 05 29 00-0714	EA	3/4" Diameter x 12" Length Shank, Welded Eye Rod	56.32	8.58
		For Work In Restricted Working Space, Add	*5.12*	
23 05 29 00-0715	EA	3/4" Diameter x 14" Length Shank, Welded Eye Rod	58.24	8.68
		For Work In Restricted Working Space, Add	*5.19*	
23 05 29 00-0716	EA	3/4" Diameter x 18" Length Shank, Welded Eye Rod	61.53	8.90
		For Work In Restricted Working Space, Add	*5.35*	
23 05 29 00-0717	EA	3/4" Diameter x 24" Length Shank, Welded Eye Rod	66.15	9.33
		For Work In Restricted Working Space, Add	*5.58*	
23 05 29 00-0718	EA	3/4" Diameter x 30" Length Shank, Welded Eye Rod	70.80	9.65
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0719	EA	3/4" Diameter x 36" Length Shank, Welded Eye Rod	76.01	10.09
		For Work In Restricted Working Space, Add	*6.04*	
23 05 29 00-0720	EA	3/4" Diameter x 42" Length Shank, Welded Eye Rod	81.18	10.42
		For Work In Restricted Working Space, Add	*6.27*	
23 05 29 00-0721	EA	3/4" Diameter x 48" Length Shank, Welded Eye Rod	85.83	10.85
		For Work In Restricted Working Space, Add	*6.50*	
23 05 29 00-0722	EA	7/8" Diameter x 8" Length Shank, Welded Eye Rod	63.44	9.54
		For Work In Restricted Working Space, Add	*5.76*	
23 05 29 00-0723	EA	7/8" Diameter x 10" Length Shank, Welded Eye Rod	65.91	9.77
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0724	EA	7/8" Diameter x 12" Length Shank, Welded Eye Rod	67.84	9.88
		For Work In Restricted Working Space, Add	*5.92*	
23 05 29 00-0725	EA	7/8" Diameter x 14" Length Shank, Welded Eye Rod	69.76	9.98
		For Work In Restricted Working Space, Add	*6.00*	
23 05 29 00-0726	EA	7/8" Diameter x 18" Length Shank, Welded Eye Rod	73.64	10.31
		For Work In Restricted Working Space, Add	*6.16*	
23 05 29 00-0727	EA	7/8" Diameter x 24" Length Shank, Welded Eye Rod	79.96	10.63
		For Work In Restricted Working Space, Add	*6.40*	
23 05 29 00-0728	EA	7/8" Diameter x 30" Length Shank, Welded Eye Rod	85.73	11.07
		For Work In Restricted Working Space, Add	*6.64*	
23 05 29 00-0729	EA	7/8" Diameter x 36" Length Shank, Welded Eye Rod	92.07	11.50
		For Work In Restricted Working Space, Add	*6.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0730	EA	7/8" Diameter x 42" Length Shank, Welded Eye Rod	97.85	11.83
		For Work In Restricted Working Space, Add	*7.12*	
23 05 29 00-0731	EA	7/8" Diameter x 48" Length Shank, Welded Eye Rod	103.63	12.26
		For Work In Restricted Working Space, Add	*7.36*	
23 05 29 00-0732	EA	1" Diameter x 8" Length Shank, Welded Eye Rod	79.32	11.50
		For Work In Restricted Working Space, Add	*6.87*	
23 05 29 00-0733	EA	1" Diameter x 10" Length Shank, Welded Eye Rod	81.84	11.61
		For Work In Restricted Working Space, Add	*6.96*	
23 05 29 00-0734	EA	1" Diameter x 12" Length Shank, Welded Eye Rod	84.35	11.72
		For Work In Restricted Working Space, Add	*7.05*	
23 05 29 00-0735	EA	1" Diameter x 14" Length Shank, Welded Eye Rod	86.86	11.93
		For Work In Restricted Working Space, Add	*7.14*	
23 05 29 00-0736	EA	1" Diameter x 18" Length Shank, Welded Eye Rod	91.87	12.26
		For Work In Restricted Working Space, Add	*7.32*	
23 05 29 00-0737	EA	1" Diameter x 24" Length Shank, Welded Eye Rod	99.43	12.70
		For Work In Restricted Working Space, Add	*7.60*	
23 05 29 00-0738	EA	1" Diameter x 30" Length Shank, Welded Eye Rod	106.98	13.13
		For Work In Restricted Working Space, Add	*7.87*	
23 05 29 00-0739	EA	1" Diameter x 36" Length Shank, Welded Eye Rod	115.05	13.56
		For Work In Restricted Working Space, Add	*8.14*	
23 05 29 00-0740	EA	1" Diameter x 42" Length Shank, Welded Eye Rod	122.59	14.00
		For Work In Restricted Working Space, Add	*8.41*	
23 05 29 00-0741	EA	1" Diameter x 48" Length Shank, Welded Eye Rod	130.14	14.43
		For Work In Restricted Working Space, Add	*8.68*	

23 05 29 00-0742 Welded Linked Eye Rod (Cooper B-Line B3211X) *(23 05 29 00-0626)*

23 05 29 00-0743	EA	3/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	50.17	7.92
		For Work In Restricted Working Space, Add	*4.77*	
23 05 29 00-0744	EA	3/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	51.53	8.13
		For Work In Restricted Working Space, Add	*4.91*	
23 05 29 00-0745	EA	3/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	52.89	8.46
		For Work In Restricted Working Space, Add	*5.04*	
23 05 29 00-0746	EA	3/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	53.58	8.78
		For Work In Restricted Working Space, Add	*5.25*	
23 05 29 00-0747	EA	3/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	56.06	9.11
		For Work In Restricted Working Space, Add	*5.45*	
23 05 29 00-0748	EA	3/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	59.30	9.76
		For Work In Restricted Working Space, Add	*5.86*	
23 05 29 00-0749	EA	3/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	61.56	10.42
		For Work In Restricted Working Space, Add	*6.26*	
23 05 29 00-0750	EA	3/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	65.70	11.17
		For Work In Restricted Working Space, Add	*6.67*	
23 05 29 00-0751	EA	1/2" Diameter x 16" Length Shank, Linked Welded Eye Rod	64.48	8.79
		For Work In Restricted Working Space, Add	*5.27*	
23 05 29 00-0752	EA	1/2" Diameter x 20" Length Shank, Linked Welded Eye Rod	65.88	9.01
		For Work In Restricted Working Space, Add	*5.42*	
23 05 29 00-0753	EA	1/2" Diameter x 24" Length Shank, Linked Welded Eye Rod	67.31	9.22
		For Work In Restricted Working Space, Add	*5.56*	
23 05 29 00-0754	EA	1/2" Diameter x 30" Length Shank, Linked Welded Eye Rod	68.95	9.65
		For Work In Restricted Working Space, Add	*5.78*	
23 05 29 00-0755	EA	1/2" Diameter x 36" Length Shank, Linked Welded Eye Rod	71.49	9.98
		For Work In Restricted Working Space, Add	*5.99*	
23 05 29 00-0756	EA	1/2" Diameter x 48" Length Shank, Linked Welded Eye Rod	76.63	10.74
		For Work In Restricted Working Space, Add	*6.43*	
23 05 29 00-0757	EA	1/2" Diameter x 60" Length Shank, Linked Welded Eye Rod	80.86	11.39
		For Work In Restricted Working Space, Add	*6.86*	
23 05 29 00-0758	EA	1/2" Diameter x 72" Length Shank, Linked Welded Eye Rod	85.99	12.15
		For Work In Restricted Working Space, Add	*7.30*	
23 05 29 00-0759	EA	5/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	85.85	9.77
		For Work In Restricted Working Space, Add	*5.89*	
23 05 29 00-0760	EA	5/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	88.17	10.09
		For Work In Restricted Working Space, Add	*6.04*	
23 05 29 00-0761	EA	5/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	90.54	10.31
		For Work In Restricted Working Space, Add	*6.19*	
23 05 29 00-0762	EA	5/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	92.22	10.74
		For Work In Restricted Working Space, Add	*6.41*	
23 05 29 00-0763	EA	5/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	95.72	11.07
		For Work In Restricted Working Space, Add	*6.64*	
23 05 29 00-0764	EA	5/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	101.83	11.83
		For Work In Restricted Working Space, Add	*7.09*	
23 05 29 00-0765	EA	5/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	107.92	12.59
		For Work In Restricted Working Space, Add	*7.53*	
23 05 29 00-0766	EA	5/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	113.11	13.34
		For Work In Restricted Working Space, Add	*7.99*	
23 05 29 00-0767	EA	3/4" Diameter x 16" Length Shank, Linked Welded Eye Rod	108.25	11.07
		For Work In Restricted Working Space, Add	*6.67*	
23 05 29 00-0768	EA	3/4" Diameter x 20" Length Shank, Linked Welded Eye Rod	111.57	11.39
		For Work In Restricted Working Space, Add	*6.83*	
23 05 29 00-0769	EA	3/4" Diameter x 24" Length Shank, Linked Welded Eye Rod	113.89	11.61
		For Work In Restricted Working Space, Add	*6.98*	
23 05 29 00-0770	EA	3/4" Diameter x 30" Length Shank, Linked Welded Eye Rod	117.44	12.04
		For Work In Restricted Working Space, Add	*7.21*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0771	EA	3/4" Diameter x 36" Length Shank, Linked Welded Eye Rod	122.81	12.37
		For Work In Restricted Working Space, Add	*7.44*	
23 05 29 00-0772	EA	3/4" Diameter x 48" Length Shank, Linked Welded Eye Rod	130.78	13.13
		For Work In Restricted Working Space, Add	*7.90*	
23 05 29 00-0773	EA	3/4" Diameter x 60" Length Shank, Linked Welded Eye Rod	138.79	13.89
		For Work In Restricted Working Space, Add	*8.36*	
23 05 29 00-0774	EA	3/4" Diameter x 72" Length Shank, Linked Welded Eye Rod	147.72	14.75
		For Work In Restricted Working Space, Add	*8.83*	
23 05 29 00-0775	EA	7/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	129.90	12.80
		For Work In Restricted Working Space, Add	*7.71*	
23 05 29 00-0776	EA	7/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	134.13	13.13
		For Work In Restricted Working Space, Add	*7.87*	
23 05 29 00-0777	EA	7/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	137.44	13.34
		For Work In Restricted Working Space, Add	*8.03*	
23 05 29 00-0778	EA	7/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	141.00	13.78
		For Work In Restricted Working Space, Add	*8.27*	
23 05 29 00-0779	EA	7/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	147.36	14.21
		For Work In Restricted Working Space, Add	*8.51*	
23 05 29 00-0780	EA	7/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	158.17	14.98
		For Work In Restricted Working Space, Add	*8.99*	
23 05 29 00-0781	EA	7/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	168.06	15.84
		For Work In Restricted Working Space, Add	*9.47*	
23 05 29 00-0782	EA	7/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	178.88	16.60
		For Work In Restricted Working Space, Add	*9.96*	
23 05 29 00-0783	EA	1" Diameter x 16" Length Shank, Linked Welded Eye Rod	165.23	15.30
		For Work In Restricted Working Space, Add	*9.19*	
23 05 29 00-0784	EA	1" Diameter x 20" Length Shank, Linked Welded Eye Rod	169.53	15.62
		For Work In Restricted Working Space, Add	*9.37*	
23 05 29 00-0785	EA	1" Diameter x 24" Length Shank, Linked Welded Eye Rod	173.82	15.95
		For Work In Restricted Working Space, Add	*9.55*	
23 05 29 00-0786	EA	1" Diameter x 30" Length Shank, Linked Welded Eye Rod	178.41	16.39
		For Work In Restricted Working Space, Add	*9.82*	
23 05 29 00-0787	EA	1" Diameter x 36" Length Shank, Linked Welded Eye Rod	186.66	16.82
		For Work In Restricted Working Space, Add	*10.09*	
23 05 29 00-0788	EA	1" Diameter x 48" Length Shank, Linked Welded Eye Rod	199.54	17.69
		For Work In Restricted Working Space, Add	*10.63*	
23 05 29 00-0789	EA	1" Diameter x 60" Length Shank, Linked Welded Eye Rod	212.45	18.66
		For Work In Restricted Working Space, Add	*11.18*	
23 05 29 00-0790	EA	1" Diameter x 72" Length Shank, Linked Welded Eye Rod	226.17	19.53
		For Work In Restricted Working Space, Add	*11.72*	

23 05 29 00-0791 Attachments *(23 05 29 00-0625)*

23 05 29 00-0792 Welded Beam Attachments (B-Line B-3083) *(23 05 29 00-0791)*

Note: Type 22.

23 05 29 00-0793	EA	3/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	51.87	10.14
		For Work In Restricted Working Space, Add	*6.08*	
23 05 29 00-0794	EA	1/2" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	55.43	10.65
		For Work In Restricted Working Space, Add	*6.41*	
23 05 29 00-0795	EA	5/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	59.06	11.26
		For Work In Restricted Working Space, Add	*6.76*	
23 05 29 00-0796	EA	3/4" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	76.77	11.96
		For Work In Restricted Working Space, Add	*7.16*	
23 05 29 00-0797	EA	7/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	93.06	12.68
		For Work In Restricted Working Space, Add	*7.61*	
23 05 29 00-0798	EA	1" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	132.34	14.50
		For Work In Restricted Working Space, Add	*8.69*	
23 05 29 00-0799	EA	1-1/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	190.48	15.21
		For Work In Restricted Working Space, Add	*9.13*	

23 05 29 00-0800 C-Clamp Style Beam Clamps (B-Line B-3034) *(23 05 29 00-0791)*

Note: Type 23. Top or bottom flange mount.

23 05 29 00-0801	EA	3/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	17.43	5.53
		For Work In Restricted Working Space, Add	*4.07*	
23 05 29 00-0802	EA	1/2" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	21.16	7.05
		For Work In Restricted Working Space, Add	*4.34*	
23 05 29 00-0803	EA	5/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	24.20	7.60
		For Work In Restricted Working Space, Add	*4.65*	
23 05 29 00-0804	EA	3/4" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	31.78	8.13
		For Work In Restricted Working Space, Add	*5.01*	
23 05 29 00-0805	EA	7/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	47.40	8.68
		For Work In Restricted Working Space, Add	*5.42*	

23 05 29 00-0806 Bottom Mount I-Beam Clamps (B-Line B-3055) *(23 05 29 00-0791)*

Note: Type 21. For attaching threaded rod centered under beam flanges.

23 05 29 00-0807	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	52.00	7.60
		For Work In Restricted Working Space, Add	*5.42*	
23 05 29 00-0808	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	77.87	9.77
		For Work In Restricted Working Space, Add	*5.92*	
23 05 29 00-0809	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	112.61	10.85
		For Work In Restricted Working Space, Add	*6.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0810	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	135.18	11.93
		For Work In Restricted Working Space, Add	*7.24*	
23 05 29 00-0811	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	333.78	13.02
		For Work In Restricted Working Space, Add	*8.14*	
23 05 29 00-0812		**Steel U-Bolts (B-Line B-3188)** *(23 05 29 00-0791)*		
		Note: Type 24. Includes plate and nuts.		
23 05 29 00-0813	EA	1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	14.25	2.71
		For Work In Restricted Working Space, Add	*3.26*	
23 05 29 00-0814	EA	3/4" Pipe Size, Steel U-Bolt (B-Line B-3188)	15.52	3.25
		For Work In Restricted Working Space, Add	*3.42*	
23 05 29 00-0815	EA	1" Pipe Size, Steel U-Bolt (B-Line B-3188)	16.76	3.25
		For Work In Restricted Working Space, Add	*3.62*	
23 05 29 00-0816	EA	1-1/4" Pipe Size, Steel U-Bolt (B-Line B-3188)	19.25	3.25
		For Work In Restricted Working Space, Add	*3.63*	
23 05 29 00-0817	EA	1-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	19.81	3.80
		For Work In Restricted Working Space, Add	*4.07*	
23 05 29 00-0818	EA	2" Pipe Size, Steel U-Bolt (B-Line B-3188)	21.21	3.80
		For Work In Restricted Working Space, Add	*4.34*	
23 05 29 00-0819	EA	2-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	31.65	3.80
		For Work In Restricted Working Space, Add	*4.65*	
23 05 29 00-0820	EA	3" Pipe Size, Steel U-Bolt (B-Line B-3188)	34.97	4.34
		For Work In Restricted Working Space, Add	*5.00*	
23 05 29 00-0821	EA	4" Pipe Size, Steel U-Bolt (B-Line B-3188)	42.68	4.88
		For Work In Restricted Working Space, Add	*5.42*	
23 05 29 00-0822		**Copper Standoff Brackets With Flange** *(23 05 29 00-0791)*		
		Note: Installed in wood, concrete, concrete block or steel.		
23 05 29 00-0823	EA	Clamp Size 1/2", Copper Standoff Brackets With Flange	32.57	15.52
		For Work In Restricted Working Space, Add	*9.30*	
23 05 29 00-0824	EA	Clamp Size 3/4", Copper Standoff Brackets With Flange	32.66	15.52
		For Work In Restricted Working Space, Add	*9.30*	
23 05 29 00-0825	EA	Clamp Size 1", Copper Standoff Brackets With Flange	32.76	15.52
		For Work In Restricted Working Space, Add	*9.30*	
23 05 29 00-0826	EA	Clamp Size 1 1/4", Copper Standoff Brackets With Flange	34.83	16.49
		For Work In Restricted Working Space, Add	*9.86*	
23 05 29 00-0827	EA	Clamp Size 1 1/2", Copper Standoff Brackets With Flange	35.02	16.49
		For Work In Restricted Working Space, Add	*9.86*	
23 05 29 00-0828		**Malleable Iron Eye Sockets (B-Line B-3222)** *(23 05 29 00-0791)*		
		Note: Type 16.		
23 05 29 00-0829	EA	3/8" Rod Size, Malleable Iron Eye Socket	11.84	1.63
		For Work In Restricted Working Space, Add	*0.99*	
23 05 29 00-0830	EA	1/2" Rod Size, Malleable Iron Eye Socket	15.07	2.17
		For Work In Restricted Working Space, Add	*1.30*	
23 05 29 00-0831	EA	5/8" Rod Size, Malleable Iron Eye Socket	26.41	2.17
		For Work In Restricted Working Space, Add	*1.31*	
23 05 29 00-0832	EA	3/4" Rod Size, Malleable Iron Eye Socket	37.55	2.17
		For Work In Restricted Working Space, Add	*1.30*	
23 05 29 00-0833	EA	7/8" Rod Size, Malleable Iron Eye Socket	40.42	2.71
		For Work In Restricted Working Space, Add	*1.63*	
23 05 29 00-0834		**Steel Weldless Eye Nuts (B-Line B-3200)** *(23 05 29 00-0791)*		
		Note: Type 17.		
23 05 29 00-0835	EA	3/8" Rod Size, Steel Weldless Eye Nut	39.82	1.63
		For Work In Restricted Working Space, Add	*0.99*	
23 05 29 00-0836	EA	1/2" Rod Size, Steel Weldless Eye Nut	40.87	2.17
		For Work In Restricted Working Space, Add	*1.30*	
23 05 29 00-0837	EA	5/8" Rod Size, Steel Weldless Eye Nut	40.91	2.17
		For Work In Restricted Working Space, Add	*1.31*	
23 05 29 00-0838	EA	3/4" Rod Size, Steel Weldless Eye Nut	40.87	2.17
		For Work In Restricted Working Space, Add	*1.30*	
23 05 29 00-0839	EA	7/8" Rod Size, Steel Weldless Eye Nut	80.27	2.39
		For Work In Restricted Working Space, Add	*1.46*	
23 05 29 00-0840	EA	1" Rod Size, Steel Weldless Eye Nut	80.81	2.71
		For Work In Restricted Working Space, Add	*1.63*	
23 05 29 00-0841		**Top Mount I-Beam Clamps (B-Line B-3042)** *(23 05 29 00-0791)*		
		Note: For attaching threaded rod to either side of an I-beam.		
23 05 29 00-0842	EA	3/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	25.65	5.06
		For Work In Restricted Working Space, Add	*3.04*	
23 05 29 00-0843	EA	1/2" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	31.04	5.58
		For Work In Restricted Working Space, Add	*3.36*	
23 05 29 00-0844	EA	5/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	37.82	6.09
		For Work In Restricted Working Space, Add	*3.69*	
23 05 29 00-0845	EA	3/4" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	52.66	6.59
		For Work In Restricted Working Space, Add	*3.88*	
23 05 29 00-0846	EA	7/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	81.61	7.60
		For Work In Restricted Working Space, Add	*4.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0847	EA	3/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	27.09	5.06
		For Work In Restricted Working Space, Add	*3.04*	
23 05 29 00-0848	EA	1/2" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	33.07	5.58
		For Work In Restricted Working Space, Add	*3.36*	
23 05 29 00-0849	EA	5/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	37.82	6.09
		For Work In Restricted Working Space, Add	*3.69*	
23 05 29 00-0850	EA	3/4" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	58.01	6.59
		For Work In Restricted Working Space, Add	*3.88*	
23 05 29 00-0851	EA	7/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	90.75	7.60
		For Work In Restricted Working Space, Add	*4.56*	
23 05 29 00-0852	EA	3/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	30.44	5.06
		For Work In Restricted Working Space, Add	*3.04*	
23 05 29 00-0853	EA	1/2" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	36.84	5.58
		For Work In Restricted Working Space, Add	*3.36*	
23 05 29 00-0854	EA	5/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	46.64	6.09
		For Work In Restricted Working Space, Add	*3.69*	
23 05 29 00-0855	EA	3/4" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	68.02	6.59
		For Work In Restricted Working Space, Add	*3.88*	
23 05 29 00-0856	EA	7/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	110.33	7.60
		For Work In Restricted Working Space, Add	*4.56*	
23 05 29 00-0857		Side Beam Brackets (B-Line B-3062) *(23 05 29 00-0791)*		
		Note: Type 34.		
23 05 29 00-0858	EA	3/8" Rod Size, Side Beam Bracket	19.81	7.05
		For Work In Restricted Working Space, Add	*4.07*	
23 05 29 00-0859	EA	1/2" Rod Size, Side Beam Bracket	23.74	7.05
		For Work In Restricted Working Space, Add	*4.34*	
23 05 29 00-0860	EA	5/8" Rod Size, Side Beam Bracket	31.31	7.60
		For Work In Restricted Working Space, Add	*4.65*	
23 05 29 00-0861	EA	3/4" Rod Size, Side Beam Bracket	57.58	8.13
		For Work In Restricted Working Space, Add	*5.01*	
23 05 29 00-0862	EA	7/8" Rod Size, Side Beam Bracket	67.67	9.22
		For Work In Restricted Working Space, Add	*5.42*	
23 05 29 00-0863		Hex Lag Bolts *(23 05 29 00-0791)*		
		Note: Also known as coach screws.		
23 05 29 00-0864	EA	3/8" x 3-1/2" Long, Hex Lag Bolt	2.87	
		For Work In Restricted Working Space, Add	*0.68*	
23 05 29 00-0865	EA	3/8" x 4" Long, Hex Lag Bolt	2.93	
		For Work In Restricted Working Space, Add	*0.70*	
23 05 29 00-0866	EA	3/8" x 6" Long, Hex Lag Bolt	3.27	
		For Work In Restricted Working Space, Add	*0.73*	
23 05 29 00-0867	EA	3/8" x 8" Long, Hex Lag Bolt	3.90	
		For Work In Restricted Working Space, Add	*0.75*	
23 05 29 00-0868	EA	3/8" x 10" Long, Hex Lag Bolt	4.15	
		For Work In Restricted Working Space, Add	*0.78*	
23 05 29 00-0869	EA	3/8" x 12" Long, Hex Lag Bolt	5.15	
		For Work In Restricted Working Space, Add	*0.81*	
23 05 29 00-0870	EA	1/2" x 3-1/2" Long, Hex Lag Bolt	3.88	
		For Work In Restricted Working Space, Add	*0.81*	
23 05 29 00-0871	EA	1/2" x 4" Long, Hex Lag Bolt	3.96	
		For Work In Restricted Working Space, Add	*0.85*	
23 05 29 00-0872	EA	1/2" x 6" Long, Hex Lag Bolt	4.57	
		For Work In Restricted Working Space, Add	*0.89*	
23 05 29 00-0873	EA	1/2" x 8" Long, Hex Lag Bolt	5.27	
		For Work In Restricted Working Space, Add	*0.92*	
23 05 29 00-0874	EA	1/2" x 10" Long, Hex Lag Bolt	6.16	
		For Work In Restricted Working Space, Add	*0.97*	
23 05 29 00-0875	EA	1/2" x 12" Long, Hex Lag Bolt	6.60	
		For Work In Restricted Working Space, Add	*1.01*	
23 05 29 00-0876	EA	5/8" x 4" Long, Hex Lag Bolt	5.28	
		For Work In Restricted Working Space, Add	*0.90*	
23 05 29 00-0877	EA	3/4" x 5" Long, Hex Lag Bolt	6.14	
		For Work In Restricted Working Space, Add	*0.92*	
23 05 29 00-0878		Hanger Strap *(23 05 29 00-0625)*		
23 05 29 00-0879	LF	3/4" Wide x 0.025" Thick Galvanized Hanger Strap	5.26	
23 05 29 00-0880		Shields And Saddles *(23 05 29)*		
23 05 29 00-0881		Insulation Protection Shield *(23 05 29 00-0880)*		
		Note: Type 40.		
23 05 29 00-0882		Insulation Protection Shield (Cooper B-Line B3151) *(23 05 29 00-0881)*		
23 05 29 00-0883	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	14.37	2.60
		For Work In Restricted Working Space, Add	*2.60*	
23 05 29 00-0884	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	14.58	2.64
		For Work In Restricted Working Space, Add	*2.64*	
23 05 29 00-0885	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	14.93	2.67
		For Work In Restricted Working Space, Add	*2.67*	

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23 05 29 00-0886	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	15.58	2.70
		For Work In Restricted Working Space, Add	*2.70*	
23 05 29 00-0887	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	17.13	2.77
		For Work In Restricted Working Space, Add	*2.77*	
23 05 29 00-0888	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	20.67	2.83
		For Work In Restricted Working Space, Add	*2.83*	
23 05 29 00-0889	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)	23.86	2.89
		For Work In Restricted Working Space, Add	*2.90*	
23 05 29 00-0890	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)	28.91	2.96
		For Work In Restricted Working Space, Add	*2.96*	
23 05 29 00-0891	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	36.75	2.99
		For Work In Restricted Working Space, Add	*2.99*	
23 05 29 00-0892	EA	14" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	39.92	3.02
		For Work In Restricted Working Space, Add	*3.03*	
23 05 29 00-0893	EA	16" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	54.46	3.06
		For Work In Restricted Working Space, Add	*3.06*	
23 05 29 00-0894	EA	18" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	61.03	3.09
		For Work In Restricted Working Space, Add	*3.09*	
23 05 29 00-0895	EA	20" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	112.05	3.12
		For Work In Restricted Working Space, Add	*3.13*	
23 05 29 00-0896	EA	24" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	121.70	3.19
		For Work In Restricted Working Space, Add	*3.19*	
23 05 29 00-0897	EA	30" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	146.82	3.26
		For Work In Restricted Working Space, Add	*3.26*	

23 05 29 00-0898 Insulation Protection Shield (Cooper B-Line B3154) *(23 05 29 00-0881)*

23 05 29 00-0899	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	12.81	2.60
		For Work In Restricted Working Space, Add	*2.60*	
23 05 29 00-0900	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	12.99	2.64
		For Work In Restricted Working Space, Add	*2.64*	
23 05 29 00-0901	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	13.27	2.67
		For Work In Restricted Working Space, Add	*2.67*	
23 05 29 00-0902	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	13.78	2.70
		For Work In Restricted Working Space, Add	*2.70*	
23 05 29 00-0903	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.96	2.77
		For Work In Restricted Working Space, Add	*2.77*	
23 05 29 00-0904	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	17.58	2.83
		For Work In Restricted Working Space, Add	*2.83*	
23 05 29 00-0905	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	18.82	2.89
		For Work In Restricted Working Space, Add	*2.90*	
23 05 29 00-0906	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	23.68	2.96
		For Work In Restricted Working Space, Add	*2.96*	
23 05 29 00-0907	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	28.16	2.99
		For Work In Restricted Working Space, Add	*2.99*	

23 05 29 00-0908 Pipe Covering Protection Saddle *(23 05 29 00-0880)*

Note: Sizes are pipe sizes.

23 05 29 00-0909 Saddle, For 1" Insulation (Cooper B-Line B3160) *(23 05 29 00-0908)*

23 05 29 00-0910	EA	3/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	21.90	3.59
		For Work In Restricted Working Space, Add	*3.59*	
23 05 29 00-0911	EA	1" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	22.01	3.62
		For Work In Restricted Working Space, Add	*3.62*	
23 05 29 00-0912	EA	1-1/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	22.11	3.65
		For Work In Restricted Working Space, Add	*3.65*	
23 05 29 00-0913	EA	1-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	23.15	3.71
		For Work In Restricted Working Space, Add	*3.71*	
23 05 29 00-0914	EA	2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	23.25	3.75
		For Work In Restricted Working Space, Add	*3.74*	
23 05 29 00-0915	EA	2-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	24.00	3.81
		For Work In Restricted Working Space, Add	*3.80*	
23 05 29 00-0916	EA	3" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	26.55	3.87
		For Work In Restricted Working Space, Add	*3.86*	
23 05 29 00-0917	EA	4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	29.64	3.93
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0918	EA	6" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	33.19	4.04
		For Work In Restricted Working Space, Add	*4.05*	
23 05 29 00-0919	EA	8" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	40.13	4.20
		For Work In Restricted Working Space, Add	*4.20*	
23 05 29 00-0920	EA	10" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	44.68	4.26
		For Work In Restricted Working Space, Add	*4.26*	
23 05 29 00-0921	EA	12" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	52.70	4.26
		For Work In Restricted Working Space, Add	*4.35*	
23 05 29 00-0922	EA	14" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	57.42	4.41
		For Work In Restricted Working Space, Add	*4.41*	

23 05 29 00-0923 Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) *(23 05 29 00-0908)*

23 05 29 00-0924	EA	3/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	24.55	3.59
		For Work In Restricted Working Space, Add	*3.59*	
23 05 29 00-0925	EA	1" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	24.66	3.62
		For Work In Restricted Working Space, Add	*3.62*	

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23 05 29 00-0926	EA	1-1/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	24.76	3.65
		For Work In Restricted Working Space, Add	*3.65*	
23 05 29 00-0927	EA	1-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	25.62	3.71
		For Work In Restricted Working Space, Add	*3.71*	
23 05 29 00-0928	EA	2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	27.56	3.75
		For Work In Restricted Working Space, Add	*3.74*	
23 05 29 00-0929	EA	2-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	29.60	3.81
		For Work In Restricted Working Space, Add	*3.80*	
23 05 29 00-0930	EA	3" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	30.10	3.87
		For Work In Restricted Working Space, Add	*3.86*	
23 05 29 00-0931	EA	4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	34.01	3.87
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0932	EA	6" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	38.14	4.04
		For Work In Restricted Working Space, Add	*4.05*	
23 05 29 00-0933	EA	8" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	44.98	4.20
		For Work In Restricted Working Space, Add	*4.20*	
23 05 29 00-0934	EA	10" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	50.41	4.26
		For Work In Restricted Working Space, Add	*4.26*	
23 05 29 00-0935	EA	12" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	59.78	4.35
		For Work In Restricted Working Space, Add	*4.35*	
23 05 29 00-0936	EA	14" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	65.36	4.41
		For Work In Restricted Working Space, Add	*4.41*	
23 05 29 00-0937		Saddle, For 2" Insulation (Cooper B-Line B3162) *(23 05 29 00-0908)*		
23 05 29 00-0938	EA	3/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	26.26	3.78
		For Work In Restricted Working Space, Add	*3.77*	
23 05 29 00-0939	EA	1" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	26.36	3.81
		For Work In Restricted Working Space, Add	*3.80*	
23 05 29 00-0940	EA	1-1/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	27.69	3.84
		For Work In Restricted Working Space, Add	*3.83*	
23 05 29 00-0941	EA	1-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	28.51	3.90
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0942	EA	2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	29.23	3.93
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0943	EA	2-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	29.43	3.99
		For Work In Restricted Working Space, Add	*3.98*	
23 05 29 00-0944	EA	3" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	31.06	4.05
		For Work In Restricted Working Space, Add	*4.05*	
23 05 29 00-0945	EA	4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	32.68	4.11
		For Work In Restricted Working Space, Add	*4.11*	
23 05 29 00-0946	EA	6" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	41.37	4.25
		For Work In Restricted Working Space, Add	*4.26*	
23 05 29 00-0947	EA	8" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	46.79	4.41
		For Work In Restricted Working Space, Add	*4.41*	
23 05 29 00-0948	EA	10" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	49.08	4.47
		For Work In Restricted Working Space, Add	*4.47*	
23 05 29 00-0949	EA	12" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	65.78	4.56
		For Work In Restricted Working Space, Add	*4.56*	
23 05 29 00-0950	EA	14" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	72.72	4.64
		For Work In Restricted Working Space, Add	*4.62*	
23 05 29 00-0951	EA	16" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	79.87	4.75
		For Work In Restricted Working Space, Add	*4.75*	
23 05 29 00-0952	EA	18" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	87.01	4.87
		For Work In Restricted Working Space, Add	*4.87*	
23 05 29 00-0953	EA	20" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	95.32	4.99
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0954	EA	24" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	108.99	5.11
		For Work In Restricted Working Space, Add	*5.11*	
23 05 29 00-0955		Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) *(23 05 29 00-0908)*		
23 05 29 00-0956	EA	1-1/4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	29.32	3.93
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0957	EA	1-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	30.90	3.98
		For Work In Restricted Working Space, Add	*3.98*	
23 05 29 00-0958	EA	2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	31.71	4.02
		For Work In Restricted Working Space, Add	*4.02*	
23 05 29 00-0959	EA	2-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	32.61	4.08
		For Work In Restricted Working Space, Add	*4.08*	
23 05 29 00-0960	EA	3" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	32.92	4.16
		For Work In Restricted Working Space, Add	*4.17*	
23 05 29 00-0961	EA	4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	38.09	4.22
		For Work In Restricted Working Space, Add	*4.23*	
23 05 29 00-0962	EA	6" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	43.48	4.35
		For Work In Restricted Working Space, Add	*4.35*	
23 05 29 00-0963	EA	8" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	50.50	4.51
		For Work In Restricted Working Space, Add	*4.50*	
23 05 29 00-0964	EA	10" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	54.07	4.58
		For Work In Restricted Working Space, Add	*4.59*	
23 05 29 00-0965	EA	12" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	67.49	4.68
		For Work In Restricted Working Space, Add	*4.69*	
23 05 29 00-0966	EA	14" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	79.93	4.75
		For Work In Restricted Working Space, Add	*4.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0967	EA	16" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	92.57	4.86
		For Work In Restricted Working Space, Add	*4.87*	
23 05 29 00-0968	EA	18" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	98.29	4.98
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0969	EA	20" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	104.66	5.11
		For Work In Restricted Working Space, Add	*5.11*	
23 05 29 00-0970	EA	24" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	111.02	5.23
		For Work In Restricted Working Space, Add	*5.23*	
23 05 29 00-0971		**Saddle, For 3" Insulation (Cooper B-Line B3164)** *(23 05 29 00-0908)*		
23 05 29 00-0972	EA	2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	32.79	4.11
		For Work In Restricted Working Space, Add	*4.11*	
23 05 29 00-0973	EA	2-1/2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	35.73	4.19
		For Work In Restricted Working Space, Add	*4.20*	
23 05 29 00-0974	EA	3" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	37.23	4.25
		For Work In Restricted Working Space, Add	*4.26*	
23 05 29 00-0975	EA	4" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	38.75	4.32
		For Work In Restricted Working Space, Add	*4.32*	
23 05 29 00-0976	EA	6" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	44.42	4.45
		For Work In Restricted Working Space, Add	*4.44*	
23 05 29 00-0977	EA	8" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	55.54	4.62
		For Work In Restricted Working Space, Add	*4.62*	
23 05 29 00-0978	EA	10" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	60.14	4.69
		For Work In Restricted Working Space, Add	*4.69*	
23 05 29 00-0979	EA	12" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	78.04	4.79
		For Work In Restricted Working Space, Add	*4.78*	
23 05 29 00-0980	EA	14" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	93.05	4.86
		For Work In Restricted Working Space, Add	*4.87*	
23 05 29 00-0981	EA	16" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	108.06	4.97
		For Work In Restricted Working Space, Add	*4.96*	
23 05 29 00-0982	EA	18" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	110.14	5.10
		For Work In Restricted Working Space, Add	*5.11*	
23 05 29 00-0983	EA	20" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	112.13	5.22
		For Work In Restricted Working Space, Add	*5.23*	
23 05 29 00-0984	EA	24" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	142.13	5.35
		For Work In Restricted Working Space, Add	*5.36*	
23 05 29 00-0985		**Saddle, For 4" Insulation (Cooper B-Line B3165)** *(23 05 29 00-0908)*		
23 05 29 00-0986	EA	2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	36.91	4.21
		For Work In Restricted Working Space, Add	*4.20*	
23 05 29 00-0987	EA	2-1/2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	40.37	4.28
		For Work In Restricted Working Space, Add	*4.29*	
23 05 29 00-0988	EA	3" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	42.14	4.35
		For Work In Restricted Working Space, Add	*4.35*	
23 05 29 00-0989	EA	4" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	44.01	4.41
		For Work In Restricted Working Space, Add	*4.41*	
23 05 29 00-0990	EA	6" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	53.60	4.55
		For Work In Restricted Working Space, Add	*4.56*	
23 05 29 00-0991	EA	8" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	63.18	4.73
		For Work In Restricted Working Space, Add	*4.72*	
23 05 29 00-0992	EA	10" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	65.31	4.80
		For Work In Restricted Working Space, Add	*4.81*	
23 05 29 00-0993	EA	12" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	83.32	4.90
		For Work In Restricted Working Space, Add	*4.90*	
23 05 29 00-0994	EA	14" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	101.04	4.96
		For Work In Restricted Working Space, Add	*4.96*	
23 05 29 00-0995	EA	16" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	118.95	5.09
		For Work In Restricted Working Space, Add	*5.08*	
23 05 29 00-0996	EA	18" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	145.36	5.21
		For Work In Restricted Working Space, Add	*5.21*	
23 05 29 00-0997	EA	20" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	171.63	5.34
		For Work In Restricted Working Space, Add	*5.36*	
23 05 29 00-0998	EA	24" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	183.58	5.48
		For Work In Restricted Working Space, Add	*5.48*	
23 05 29 00-0999	EA	30" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	193.18	5.62
		For Work In Restricted Working Space, Add	*5.63*	
23 05 29 00-1000	EA	36" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	200.30	5.76
		For Work In Restricted Working Space, Add	*5.75*	
23 05 29 00-1001		**Adjustable Pipe Saddle Support (Cooper B-Line B3096)** *(23 05 29 00-0880)*		
23 05 29 00-1002	EA	2" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	82.98	13.56
23 05 29 00-1003	EA	3" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	88.15	15.73
23 05 29 00-1004	EA	4" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	106.99	17.90
23 05 29 00-1005	EA	5" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	111.69	19.53
23 05 29 00-1006	EA	6" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	123.95	21.70
23 05 29 00-1007	EA	8" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	141.38	27.13
23 05 29 00-1008	EA	10" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	185.03	36.35
23 05 29 00-1009	EA	12" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	230.53	54.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1010		**Pipe Stanchion Support (Cooper B-Line B3090)** *(23 05 29 00-0880)*		
23 05 29 00-1011	EA	2-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	102.06	13.56
23 05 29 00-1012	EA	3" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	105.93	15.73
23 05 29 00-1013	EA	3-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	113.55	16.82
23 05 29 00-1014	EA	4" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	116.08	17.90
23 05 29 00-1015	EA	5" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	122.15	19.53
23 05 29 00-1016	EA	6" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	129.70	21.70
23 05 29 00-1017	EA	8" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	164.61	27.13
23 05 29 00-1018	EA	10" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	221.98	36.35
23 05 29 00-1019	EA	12" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	291.70	54.25
23 05 29 00-1020		**Pipe Saddle Support (Cooper B-Line B3095)** *(23 05 29 00-0880)*		
23 05 29 00-1021	EA	2-1/2" Pipe Saddle Support (Cooper B-Line B3095)	53.69	13.56
23 05 29 00-1022	EA	3" Pipe Saddle Support (Cooper B-Line B3095)	57.56	15.73
23 05 29 00-1023	EA	3-1/2" Pipe Saddle Support (Cooper B-Line B3095)	85.50	16.82
23 05 29 00-1024	EA	4" Pipe Saddle Support (Cooper B-Line B3095)	88.03	17.90
23 05 29 00-1025	EA	5" Pipe Saddle Support (Cooper B-Line B3095)	96.71	19.53
23 05 29 00-1026	EA	6" Pipe Saddle Support (Cooper B-Line B3095)	107.23	21.70
23 05 29 00-1027	EA	8" Pipe Saddle Support (Cooper B-Line B3095)	123.42	27.13
23 05 29 00-1028	EA	10" Pipe Saddle Support (Cooper B-Line B3095)	144.87	36.35
23 05 29 00-1029	EA	12" Pipe Saddle Support (Cooper B-Line B3095)	184.68	54.25
23 05 29 00-1030		**360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0880)* Note: Insert is for use as isolated protective insulation at hangers.		
23 05 29 00-1031		**1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-1030)*		
23 05 29 00-1032	EA	1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.26	6.24
23 05 29 00-1033	EA	3/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.55	6.24
23 05 29 00-1034	EA	1" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.62	6.24
23 05 29 00-1035	EA	1-1/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.90	6.24
23 05 29 00-1036	EA	1-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.94	6.62
23 05 29 00-1037	EA	2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.66	6.82
23 05 29 00-1038	EA	2-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.50	7.11
23 05 29 00-1039	EA	3" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.42	7.39
23 05 29 00-1040	EA	4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.08	7.68
23 05 29 00-1041	EA	6" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.59	6.62
23 05 29 00-1042	EA	8" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	33.51	8.64
23 05 29 00-1043	EA	10" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.63	10.18
23 05 29 00-1044	EA	12" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	45.15	11.82
23 05 29 00-1045	EA	14" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	50.98	12.20
23 05 29 00-1046		**1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-1030)*		
23 05 29 00-1047	EA	1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	12.36	4.71
23 05 29 00-1048	EA	3/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.76	4.71
23 05 29 00-1049	EA	1" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.07	4.80
23 05 29 00-1050	EA	1-1/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.56	4.90
23 05 29 00-1051	EA	1-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.03	4.90
23 05 29 00-1052	EA	2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.83	5.09
23 05 29 00-1053	EA	2-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.76	5.28
23 05 29 00-1054	EA	3" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.23	5.37
23 05 29 00-1055	EA	4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.99	5.86
23 05 29 00-1056	EA	6" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	28.03	10.08
23 05 29 00-1057	EA	8" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.66	7.59
23 05 29 00-1058	EA	10" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.12	8.93
23 05 29 00-1059	EA	12" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	35.31	10.27
23 05 29 00-1060	EA	14" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	41.66	12.39
23 05 29 00-1061		**2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-1030)*		
23 05 29 00-1062	EA	1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.38	5.37
23 05 29 00-1063	EA	3/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.61	5.37
23 05 29 00-1064	EA	1" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.23	5.48
23 05 29 00-1065	EA	1-1/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.77	5.57
23 05 29 00-1066	EA	1-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.34	5.67
23 05 29 00-1067	EA	2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.09	5.86
23 05 29 00-1068	EA	2-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.18	6.05
23 05 29 00-1069	EA	3" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.19	6.24
23 05 29 00-1070	EA	4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.48	6.62
23 05 29 00-1071	EA	6" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	28.01	7.49
23 05 29 00-1072	EA	8" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	43.33	12.78
23 05 29 00-1073	EA	10" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	47.27	14.79
23 05 29 00-1074	EA	12" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	54.47	17.48
23 05 29 00-1075	EA	14" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	61.08	19.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1076	EA	16" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	68.19	22.09
23 05 29 00-1077	EA	18" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	78.02	25.93
23 05 29 00-1078	EA	20" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	86.64	28.82
23 05 29 00-1079	EA	24" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	97.86	32.66
23 05 29 00-1080		2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1030)*		
23 05 29 00-1081	EA	1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.90	6.24
23 05 29 00-1082	EA	3/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.16	6.24
23 05 29 00-1083	EA	1" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.91	6.34
23 05 29 00-1084	EA	1-1/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.47	6.43
23 05 29 00-1085	EA	1-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.05	6.43
23 05 29 00-1086	EA	2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.96	6.73
23 05 29 00-1087	EA	2-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.20	6.92
23 05 29 00-1088	EA	3" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.36	7.20
23 05 29 00-1089	EA	4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	27.94	7.59
23 05 29 00-1090	EA	6" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	32.01	8.64
23 05 29 00-1091	EA	8" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	42.20	9.61
23 05 29 00-1092	EA	10" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	50.29	11.04
23 05 29 00-1093	EA	12" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	57.50	13.73
23 05 29 00-1094	EA	14" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	64.86	15.08
23 05 29 00-1095	EA	16" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	76.77	19.21
23 05 29 00-1096	EA	18" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	82.41	20.17
23 05 29 00-1097	EA	20" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	93.59	23.05
23 05 29 00-1098	EA	24" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	110.29	27.85
23 05 29 00-1099		3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1030)*		
23 05 29 00-1100	EA	1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	45.18	6.43
23 05 29 00-1101	EA	3/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	53.82	6.73
23 05 29 00-1102	EA	1" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	56.04	6.73
23 05 29 00-1103	EA	1-1/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	57.43	6.92
23 05 29 00-1104	EA	1-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	59.08	7.11
23 05 29 00-1105	EA	2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	60.92	7.20
23 05 29 00-1106	EA	2-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	64.19	7.39
23 05 29 00-1107	EA	3" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	67.02	7.87
23 05 29 00-1108	EA	4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	73.99	8.17
23 05 29 00-1109	EA	6" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	84.66	9.99
23 05 29 00-1110	EA	8" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	110.14	10.95
23 05 29 00-1111	EA	10" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	131.13	11.53
23 05 29 00-1112	EA	12" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	150.21	14.88
23 05 29 00-1113	EA	14" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	169.26	15.85
23 05 29 00-1114	EA	16" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	202.11	21.13
23 05 29 00-1115	EA	18" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	217.58	23.05
23 05 29 00-1116	EA	20" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	246.47	24.98
23 05 29 00-1117	EA	24" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	289.52	30.73
23 05 29 00-1118		3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1030)*		
23 05 29 00-1119	EA	1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.90	6.24
23 05 29 00-1120	EA	3/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.03	7.59
23 05 29 00-1121	EA	1" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.12	7.59
23 05 29 00-1122	EA	1-1/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.75	7.68
23 05 29 00-1123	EA	1-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.53	7.78
23 05 29 00-1124	EA	2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	27.50	8.07
23 05 29 00-1125	EA	2-1/2" Diameter Pipe, 3-1/2" 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.02	8.36
23 05 29 00-1126	EA	3" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	30.31	8.64
23 05 29 00-1127	EA	4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	33.55	9.13
23 05 29 00-1128	EA	6" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	38.40	10.38
23 05 29 00-1129	EA	8" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	50.61	11.53
23 05 29 00-1130	EA	10" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	60.35	13.26
23 05 29 00-1131	EA	12" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	68.99	16.52
23 05 29 00-1132	EA	14" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	77.85	18.06
23 05 29 00-1133	EA	16" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	92.14	23.05
23 05 29 00-1134	EA	18" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	98.90	24.20
23 05 29 00-1135	EA	20" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	112.36	27.66
23 05 29 00-1136	EA	24" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	132.35	33.43
23 05 29 00-1137		4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1030)*		
23 05 29 00-1138	EA	1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.83	8.45
23 05 29 00-1139	EA	3/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	27.18	8.45
23 05 29 00-1140	EA	1" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	28.21	8.55
23 05 29 00-1141	EA	1-1/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.03	8.64
23 05 29 00-1142	EA	1-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.67	8.64

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1143	EA	2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.30	9.22
23 05 29 00-1144	EA	2-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	32.63	9.32
23 05 29 00-1145	EA	3" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	34.23	9.70
23 05 29 00-1146	EA	4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	37.72	10.27
23 05 29 00-1147	EA	6" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	43.18	11.63
23 05 29 00-1148	EA	8" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	56.22	12.58
23 05 29 00-1149	EA	10" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	67.90	14.98
23 05 29 00-1150	EA	12" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	77.63	18.63
23 05 29 00-1151	EA	14" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	87.60	20.27
23 05 29 00-1152	EA	16" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	103.70	25.93
23 05 29 00-1153	EA	18" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	111.22	27.18
23 05 29 00-1154	EA	20" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	124.90	31.12
23 05 29 00-1155	EA	24" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	148.92	37.65
23 05 29 00-1156	EA	26" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	169.69	44.28
23 05 29 00-1157	EA	28" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	192.90	52.25
23 05 29 00-1158	EA	30" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	217.99	61.76
23 05 29 00-1159	EA	42" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	311.06	95.38
23 05 29 00-1160	EA	44" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	334.80	104.99
23 05 29 00-1161	EA	46" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	356.56	113.33
23 05 29 00-1162		**Equipment Housekeeping Pads** *(23 05 29)*		
		See CSI section 03 31 13 00-0089 for Concrete Equipment Pads.		
23 05 29 00-1163		**Molded Plastic Condenser Pad** *(23 05 29 00-1162)*		
23 05 29 00-1164	EA	30" Round Molded Plastic Pad	140.55	13.56
23 05 29 00-1165	EA	30" Octagon Molded Plastic Pad	148.01	13.56
23 05 29 00-1166	EA	30" x 30" Molded Plastic Pad	140.55	13.56
23 05 29 00-1167	EA	36" x 36" Molded Plastic Pad	185.25	13.56
23 05 29 00-1168	EA	36" x 48" Molded Plastic Pad	268.89	13.56
23 05 29 00-1169		**Inertia Base** *(23 05 29 00-1162)*		
		Note: Includes spring isolators.		
23 05 29 00-1170	EA	Up To 12 SF Inertia Base, 8" Thick With Spring Base	3,391.75	
23 05 29 00-1171	EA	>12 To 16 SF Inertia Base, 8" Thick With Spring Base	4,103.26	
23 05 29 00-1172	EA	>16 To 20 SF Inertia Base, 8" Thick With Spring Base	4,700.34	
23 05 29 00-1173	EA	>20 To 24 SF Inertia Base, 8" Thick With Spring Base	5,373.70	
23 05 29 00-1174		**Hanger Assemblies** *(23 05 29)*		
		Note: Includes hanger, rod, nuts, washers, clamps, upper attachment, etc. Not for use where detail is available.		
23 05 29 00-1175	EA	1/2" Standard Duty Clevis Pipe Hanger Assembly	47.50	16.87
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*10.85*	
23 05 29 00-1176	EA	3/4" Standard Duty Clevis Pipe Hanger Assembly	49.51	17.87
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*11.46*	
23 05 29 00-1177	EA	1" Standard Duty Clevis Pipe Hanger Assembly	51.20	18.96
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*11.95*	
23 05 29 00-1178	EA	1-1/4" Standard Duty Clevis Pipe Hanger Assembly	52.04	18.99
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*12.12*	
23 05 29 00-1179	EA	1-1/2" Standard Duty Clevis Pipe Hanger Assembly	52.26	18.99
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*12.12*	
23 05 29 00-1180	EA	2" Standard Duty Clevis Pipe Hanger Assembly	53.28	19.15
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*12.30*	
23 05 29 00-1181	EA	2-1/2" Standard Duty Clevis Pipe Hanger Assembly	61.96	20.41
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*12.47*	
23 05 29 00-1182	EA	3" Standard Duty Clevis Pipe Hanger Assembly	63.71	21.00
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*12.67*	
23 05 29 00-1183	EA	4" Standard Duty Clevis Pipe Hanger Assembly	76.88	23.71
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*13.99*	
23 05 29 00-1184	EA	6" Standard Duty Clevis Pipe Hanger Assembly	114.03	30.63
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*18.38*	
23 05 29 00-1185	EA	8" Standard Duty Clevis Pipe Hanger Assembly	131.02	35.54
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*21.32*	
23 05 29 00-1186	EA	10" Standard Duty Clevis Pipe Hanger Assembly	181.27	45.13
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*26.74*	
23 05 29 00-1187	EA	12" Standard Duty Clevis Pipe Hanger Assembly	197.84	48.57
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*29.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1188		Steel Shapes For Hanger Devices *(23 05 29)*		
23 05 29 00-1189		Angle Iron For Hanger Devices *(23 05 29 00-1188)*		
23 05 29 00-1190	LF	1/2" x 1/2" x 1/8" Angle Iron For Hanger Devices	2.67	1.58
23 05 29 00-1191	LF	3/4" x 3/4" x 1/8" Angle Iron For Hanger Devices	3.52	1.97
23 05 29 00-1192	LF	1" x 1" x 1/8" Angle Iron For Hanger Devices	4.36	2.36
23 05 29 00-1193	LF	1-1/4" x 1-1/4" x 3/16" Angle Iron For Hanger Devices	6.15	2.93
23 05 29 00-1194	LF	1-1/2" x 1-1/2" x 3/16" Angle Iron For Hanger Devices	6.92	3.15
23 05 29 00-1195	LF	2" x 2" x 1/4" Angle Iron For Hanger Devices	9.55	3.54
23 05 29 00-1196	LF	2-1/2" x 2-1/2" x 1/4" Angle Iron For Hanger Devices	11.94	4.31
23 05 29 00-1197	LF	3" x 2" x 3/8" Angle Iron For Hanger Devices	15.67	5.05
23 05 29 00-1198	LF	3" x 3" x 3/8" Angle Iron For Hanger Devices	18.76	5.91
23 05 29 00-1199		Channels For Hanger Devices *(23 05 29 00-1188)*		
23 05 29 00-1200	LF	C2 x 1.78, 2" Wide Channels For Hanger Devices	8.03	4.03
23 05 29 00-1201	LF	C3 x 4.1, 3" Wide Channels For Hanger Devices	13.95	5.80
23 05 29 00-1202	LF	C4 x 5.4, 4" Wide Channels For Hanger Devices	17.47	6.96
23 05 29 00-1203	LF	C5 x 6.7 - 5" Wide Channels For Hanger Devices	20.99	8.13
23 05 29 00-1204	LF	C6 x 8.2 - 6" Wide Channels For Hanger Devices	25.42	9.76
23 05 29 00-1205	LF	C7 x 9.8 - 7" Wide Channels For Hanger Devices	30.34	11.61
23 05 29 00-1206	LF	C8 x 11.5 - 8" Wide Channels For Hanger Devices	34.45	12.78
23 05 29 00-1207		Structural Bar Tees For Hanger Devices *(23 05 29 00-1188)*		
23 05 29 00-1208	LF	3/4" x 3/4" x 1/8" Structural Bar Tee For Hanger Devices	8.71	5.67
23 05 29 00-1209	LF	1" x 1" x 1/8" Structural Bar Tee For Hanger Devices	10.48	6.71
23 05 29 00-1210	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee For Hanger Devices	15.32	7.74
23 05 29 00-1211	LF	2" x 2" x 1/4" Structural Bar Tee For Hanger Devices	19.75	10.32
23 05 29 00-1212	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee For Hanger Devices	27.33	12.39
23 05 29 00-1213	LF	3" x 3" x 3/8" Structural Bar Tee For Hanger Devices	34.24	15.99
23 05 29 00-1214		Structural Zees For Hanger Devices *(23 05 29 00-1188)*		
23 05 29 00-1215	LF	1-1/4" x 1-3/4" x 1-3/4" Structural Zee For Hanger Devices	15.35	7.74
23 05 29 00-1216	LF	2-11/16" x 3" x 2-11/16" Structural Zee For Hanger Devices	18.74	7.74
23 05 29 00-1217	LF	3-1/16" x 4" x 3-1/16" Structural Zee For Hanger Devices	27.64	7.74
23 05 29 00-1218	LF	3-1/4" x 5" x 3-1/4" Structural Zee For Hanger Devices	35.17	7.74
23 05 29 00-1219	LF	3-1/2" x 6" x 3-1/2" Structural Zee For Hanger Devices	43.16	7.74
23 05 29 00-1220		Junior I-beams For Hanger Devices *(23 05 29 00-1188)*		
23 05 29 00-1221	LF	3" I-beam (Junior) For Hanger Devices	18.84	11.36
23 05 29 00-1222	LF	4" I-beam (Junior) For Hanger Devices	21.75	12.39
23 05 29 00-1223	LF	5" I-beam (Junior) For Hanger Devices	25.27	13.42
23 05 29 00-1224	LF	6" I-beam (Junior) For Hanger Devices	27.65	14.97
23 05 29 00-1225	LF	7" I-beam (Junior) For Hanger Devices	33.17	15.99
23 05 29 00-1226	LF	8" I-beam (Junior) For Hanger Devices	35.95	17.03

23 05 33 Heat Tracing for HVAC Piping *(23 05)*

See CSI section 23 83 13 00-0000 for heat tracing cables.

23 05 48 Vibration and Seismic Controls for HVAC *(23 05)*

23 05 48 13 Vibration Controls for HVAC *(23 05 48)*

23 05 48 13-0001		Unhoused Stable Steel Spring Isolators *(23 05 48 13)*		
		Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.		
23 05 48 13-0002	EA	60 LB Unhoused Steel Spring Isolator	100.60	30.37
23 05 48 13-0003	EA	115 LB Unhoused Steel Spring Isolator	107.06	30.37
23 05 48 13-0004	EA	1,130 LB Unhoused Steel Spring Isolator	128.49	30.37
23 05 48 13-0005		Housed Stable Steel Spring Isolators *(23 05 48 13)*		
		Note: Includes leveling adjustment, top plate, base plate and pad. For use with floor mounted equipment only. Mason Industries, Inc.		
23 05 48 13-0006	EA	To 770 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	627.05	30.37
23 05 48 13-0007	EA	To 1,040 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	714.25	30.37
23 05 48 13-0008	EA	To 1,600 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	757.85	30.37
23 05 48 13-0009	EA	To 2,250 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	932.25	30.37
23 05 48 13-0010	EA	To 3,250 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	975.85	30.37
23 05 48 13-0011	EA	To 730 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	703.35	30.37
23 05 48 13-0012	EA	To 930 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	779.65	30.37
23 05 48 13-0013	EA	To 1,440 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	834.15	30.37
23 05 48 13-0014	EA	To 1,860 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	1,084.85	30.37
23 05 48 13-0015	EA	To 2,880 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	1,182.95	30.37
23 05 48 13-0016	EA	To 3,720 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	1,411.85	30.37

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0017		**Vibration Isolators** *(23 05 48 13)*		
23 05 48 13-0018		**Spring And Rubber Hanger For 1" Deflection** *(23 05 48 13-0017)*		
23 05 48 13-0019	EA	50 To 500 LB Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size	133.89	19.53
23 05 48 13-0020	EA	600 To 1,000 LB Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size	282.51	21.70
23 05 48 13-0021		**Rubber-In-Shear Isolator Hanger** *(23 05 48 13-0017)*		
23 05 48 13-0022	EA	45-340 LB Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size	74.16	16.28
23 05 48 13-0023	EA	130-700 LB Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size	96.21	19.53
23 05 48 13-0024		**Spring Hanger For 1" Deflection** *(23 05 48 13-0017)*		
23 05 48 13-0025	EA	50 To 1,000 LB Rubber In Shear Hanger For 1" Deflection With <3/4" Rod Size	84.08	19.53
23 05 48 13-0026		**Rubber-In-Shear Vibration Isolator** *(23 05 48 13-0017)*		
23 05 48 13-0027	EA	45 To 340 LB Rubber In Shear Vibration Isolation With 0.38" Deflection	154.68	36.90
23 05 48 13-0028	EA	130 To 700 LB Rubber In Shear Vibration Isolation With 0.43" Deflection	211.86	36.90
23 05 48 13-0029	EA	550 To 1,920 LB Rubber In Shear Vibration Isolation With 0.48" Deflection	408.07	36.90
23 05 48 13-0030		**Two-Piece Spring Type Vibration Isolator** *(23 05 48 13-0017)* Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection.		
23 05 48 13-0031	EA	50 To 1,000 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	130.59	36.90
23 05 48 13-0032	EA	>1,000 To 1,600 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	134.85	36.90
23 05 48 13-0033		**Open Double Spring Type Vibration Isolator** *(23 05 48 13-0017)* Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt.		
23 05 48 13-0034	EA	150 To 450 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	102.10	18.44
23 05 48 13-0035	EA	500 To 1,000 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	102.10	18.44
23 05 48 13-0036	EA	1,100 To 1,600 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	116.31	18.44
23 05 48 13-0037	EA	1,700 To 2,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	116.31	18.44
23 05 48 13-0038	EA	2,500 To 3,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	180.54	18.44
23 05 48 13-0039		**Isolation Pads** *(23 05 48 13-0017)*		
23 05 48 13-0040		**Laminated Neoprene And Cork Isolation Pad** *(23 05 48 13-0039)*		
23 05 48 13-0041	EA	2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad	6.82	2.71
23 05 48 13-0042	EA	3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad	8.99	2.82
23 05 48 13-0043	EA	4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad	11.50	2.93
23 05 48 13-0044	EA	12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad	48.83	3.37
23 05 48 13-0045	EA	18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad	94.56	3.80
23 05 48 13-0046		**Neoprene And Steel Plate Isolation Pad** *(23 05 48 13-0039)*		
23 05 48 13-0047	EA	6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	167.23	2.71
23 05 48 13-0048	EA	6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	185.16	2.71
23 05 48 13-0049		**Neoprene Isolation Pad** *(23 05 48 13-0039)*		
23 05 48 13-0050	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	6.29	2.71
23 05 48 13-0051	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	7.27	2.71
23 05 48 13-0052	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	8.87	2.71
23 05 48 13-0053	EA	12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad	48.02	3.26
23 05 48 13-0054	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	88.77	3.80
23 05 48 13-0055		**Miscellaneous Piping Isolators** *(23 05 48 13-0017)*		
23 05 48 13-0056	EA	Vibration Isolator, 2" Deflector Note: M.M. Sausse Model # RMXA.	928.56	32.55
23 05 48 13-0057		**Threaded Flexible Bronze Hose Connectors** *(23 05 48 13)* Note: Includes hex threaded nipple ends.		
23 05 48 13-0058	EA	3/8" Diameter x 9" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	71.69	17.36
23 05 48 13-0059	EA	1/2" Diameter x 10" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	83.86	23.87
23 05 48 13-0060	EA	3/4" Diameter x 11" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	102.96	29.30
23 05 48 13-0061	EA	1" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	119.79	34.72
23 05 48 13-0062	EA	1-1/4" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	137.32	45.57
23 05 48 13-0063	EA	1-1/2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	154.63	48.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0064	EA	2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	207.16	57.50
23 05 48 13-0065	EA	2-1/2" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	286.22	89.62
23 05 48 13-0066		**Weld End Flexible Hose Connectors** *(23 05 48 13)*		
23 05 48 13-0067	EA	1/2" Diameter x 10" Flexible Hose Connection, Weld Ends	255.69	62.28
23 05 48 13-0068	EA	3/4" Diameter x 10" Flexible Hose Connection, Weld Ends	299.46	68.36
23 05 48 13-0069	EA	1" Diameter x 10" Flexible Hose Connection, Weld Ends	338.59	72.37
23 05 48 13-0070	EA	1-1/4" Diameter x 11" Flexible Hose Connection, Weld Ends	376.32	82.46
23 05 48 13-0071	EA	1-1/2" Diameter x 12" Flexible Hose Connection, Weld Ends	429.96	88.97
23 05 48 13-0072	EA	2" Diameter x 14" Flexible Hose Connection, Weld Ends	539.03	115.77
23 05 48 13-0073	EA	2-1/2" Diameter x 16" Flexible Hose Connection, Weld Ends	817.78	130.21
23 05 48 13-0074	EA	3" Diameter x 16" Flexible Hose Connection, Weld Ends	1,012.78	146.48
23 05 48 13-0075	EA	4" Diameter x 18" Flexible Hose Connection, Weld Ends	1,398.34	217.01
23 05 48 13-0076		**Flanged Flexible Hose Connectors** *(23 05 48 13)*		
23 05 48 13-0077		**Flanged Flexible Molded Rubber Hose Connectors** *(23 05 48 13-0076)*		
		Note: With helical wire reinforcement 150 PSI.		
23 05 48 13-0078	EA	1-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	217.44	81.38
23 05 48 13-0079	EA	2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	235.20	90.38
23 05 48 13-0080	EA	2-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	381.56	180.55
23 05 48 13-0081	EA	3" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	527.81	268.55
23 05 48 13-0082	EA	4" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	687.90	346.66
23 05 48 13-0083	EA	6" Diameter x 18" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	877.02	360.52
23 05 48 13-0084	EA	8" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,066.97	411.76
23 05 48 13-0085	EA	10" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,383.21	490.02
23 05 48 13-0086	EA	12" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	3,334.12	612.88
23 05 48 13-0087		**Flanged Flexible Corrugated Stainless Steel Hose Connectors** *(23 05 48 13-0076)*		
		Note: With braided metal wire.		
23 05 48 13-0088	EA	1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	168.97	74.00
23 05 48 13-0089	EA	1" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	163.15	101.78
23 05 48 13-0090	EA	1-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	315.38	135.63
23 05 48 13-0091	EA	2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	408.43	203.44
23 05 48 13-0092	EA	2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	439.09	223.84
23 05 48 13-0093	EA	3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	509.91	271.04
23 05 48 13-0094	EA	4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	652.85	346.99
23 05 48 13-0095	EA	4" Diameter x 30" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,188.61	478.71
23 05 48 13-0096	EA	4" Diameter x 36" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,359.82	561.18
23 05 48 13-0097	EA	6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	901.41	431.76
23 05 48 13-0098	EA	6" Diameter x 36" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,712.71	540.78
23 05 48 13-0099	EA	8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,477.95	576.83
23 05 48 13-0100	EA	10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,739.88	667.01
23 05 48 13-0101	EA	12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	2,243.18	721.04
23 05 48 13-0102		**Flanged Flexible Molded Teflon Hose Connectors** *(23 05 48 13-0076)*		
		Note: 150 PSI.		
23 05 48 13-0103	EA	2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	954.31	157.33
23 05 48 13-0104	EA	3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,070.11	184.46
23 05 48 13-0105	EA	4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,620.88	310.01
23 05 48 13-0106	EA	6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,969.25	360.52
23 05 48 13-0107	EA	8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,590.81	442.24
23 05 48 13-0108		**Flexible Hose Connectors Braided Metal Hose Type** *(23 05 48 13)*		
23 05 48 13-0109		**Braided Metal Hose Type Flexible Bronze Hose Connectors** *(23 05 48 13-0108)*		
		Note: MPT connection.		
23 05 48 13-0110	EA	1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	37.82	2.17
23 05 48 13-0111	EA	1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	45.24	2.17
23 05 48 13-0112	EA	1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	50.31	2.82
23 05 48 13-0113	EA	1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	61.23	2.82
23 05 48 13-0114	EA	3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	50.67	2.60
23 05 48 13-0115	EA	3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	61.25	2.60
23 05 48 13-0116	EA	3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	70.05	3.36
23 05 48 13-0117	EA	3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	86.52	3.36
23 05 48 13-0118	EA	1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	69.16	3.03
23 05 48 13-0119	EA	1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	75.65	3.03
23 05 48 13-0120	EA	1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	89.86	4.01
23 05 48 13-0121	EA	1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	113.96	4.01
23 05 48 13-0122	EA	1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	137.88	4.01
23 05 48 13-0123	EA	1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	161.88	4.01
23 05 48 13-0124	EA	1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	98.55	3.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0125	EA	1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	108.66	3.89
23 05 48 13-0126	EA	1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	139.50	3.89
23 05 48 13-0127	EA	1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	193.97	5.19
23 05 48 13-0128	EA	1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	225.04	5.19
23 05 48 13-0129	EA	1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	266.38	5.19
23 05 48 13-0130	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	134.95	4.70
23 05 48 13-0131	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	156.09	4.70
23 05 48 13-0132	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	197.04	4.70
23 05 48 13-0133	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	262.80	6.29
23 05 48 13-0134	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	325.20	6.29
23 05 48 13-0135	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	387.55	6.29
23 05 48 13-0136	EA	2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	187.47	5.90
23 05 48 13-0137	EA	2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	213.51	5.59
23 05 48 13-0138	EA	2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	239.81	5.59
23 05 48 13-0139	EA	2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	295.68	7.49
23 05 48 13-0140	EA	2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	348.58	7.49
23 05 48 13-0141	EA	2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	399.82	7.49
23 05 48 13-0142	EA	3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	295.71	7.49
23 05 48 13-0143	EA	3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	330.84	7.49
23 05 48 13-0144	EA	3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	1,337.65	7.49
23 05 48 13-0145	EA	3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	1,609.34	9.99
23 05 48 13-0146	EA	3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	512.46	9.99
23 05 48 13-0147	EA	3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	581.59	9.99
23 05 48 13-0148	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	541.45	8.74
23 05 48 13-0149	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	582.51	8.74
23 05 48 13-0150	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	623.56	8.74
23 05 48 13-0151	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	712.78	11.64
23 05 48 13-0152	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	794.57	11.64
23 05 48 13-0153	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	878.11	11.64
23 05 48 13-0154		Braided Stainless Steel Flexible Hose Connectors *(23 05 48 13-0108)*		
		Note: Over braided carbon steel connection.		
23 05 48 13-0155	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	160.86	4.77
23 05 48 13-0156	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	194.45	4.77
23 05 48 13-0157	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	227.40	4.77
23 05 48 13-0158	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	297.64	6.39
23 05 48 13-0159	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	364.44	6.39
23 05 48 13-0160	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	431.17	6.39
23 05 48 13-0161	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	182.33	5.59
23 05 48 13-0162	EA	2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	217.44	5.59
23 05 48 13-0163	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	252.70	5.59
23 05 48 13-0164	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	327.36	7.49
23 05 48 13-0165	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	397.59	7.49
23 05 48 13-0166	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	466.86	7.49
23 05 48 13-0167	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	193.35	7.49
23 05 48 13-0168	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	233.57	7.69
23 05 48 13-0169	LF	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	274.36	7.49
23 05 48 13-0170	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	363.34	9.99
23 05 48 13-0171	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	444.47	9.99
23 05 48 13-0172	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	527.91	9.99
23 05 48 13-0173	EA	6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	389.95	14.60
23 05 48 13-0174	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	575.93	14.71
23 05 48 13-0175	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	772.40	19.37
23 05 48 13-0176	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	958.46	19.37
23 05 48 13-0177	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,144.46	19.37
23 05 48 13-0178	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	676.89	17.79
23 05 48 13-0179	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	817.60	17.79

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	23 05 48 13-0180	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,108.52	23.14
	23 05 48 13-0181	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,387.65	23.14
	23 05 48 13-0182	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,666.71	23.14
	23 05 48 13-0183	EA	10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	724.89	22.24
	23 05 48 13-0184	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,076.67	22.24
	23 05 48 13-0185	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,442.16	28.97
	23 05 48 13-0186	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,795.17	28.97
	23 05 48 13-0187	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,146.70	28.97
	23 05 48 13-0188	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,439.27	26.89
	23 05 48 13-0189	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,878.29	26.89
	23 05 48 13-0190	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,349.68	36.18
	23 05 48 13-0191	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,792.55	36.18
	23 05 48 13-0192	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,237.50	36.18
	23 05 48 13-0193		Braided Metal Hose Type Flexible Bronze Hose Connectors *(23 05 48 13-0108)*		
			Note: Flanged end connection (carbon steel ends).		
	23 05 48 13-0194	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	593.41	4.70
	23 05 48 13-0195	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,001.34	133.14
	23 05 48 13-0196	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,253.71	133.14
	23 05 48 13-0197	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,506.08	133.14
	23 05 48 13-0198	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,758.56	133.14
	23 05 48 13-0199	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	873.26	169.80
	23 05 48 13-0200	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,139.20	169.80
	23 05 48 13-0201	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,405.25	169.80
	23 05 48 13-0202	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,671.39	169.80
	23 05 48 13-0203	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,932.88	169.80
	23 05 48 13-0204	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,170.69	284.65
	23 05 48 13-0205	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,481.10	285.37
	23 05 48 13-0206	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,796.57	284.65
	23 05 48 13-0207	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,149.28	284.65
	23 05 48 13-0208	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,418.79	284.65
	23 05 48 13-0209	EA	6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,888.25	365.09
	23 05 48 13-0210	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,591.59	365.09
	23 05 48 13-0211	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,295.33	366.40
	23 05 48 13-0212	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,998.77	365.09
	23 05 48 13-0213	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,702.11	365.09
	23 05 48 13-0214	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,281.38	454.74
	23 05 48 13-0215	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,813.47	454.74
	23 05 48 13-0216	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,868.43	454.74
	23 05 48 13-0217	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	5,923.79	454.74
	23 05 48 13-0218	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	6,978.65	454.74
	23 05 48 13-0219	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	5,533.46	553.60
	23 05 48 13-0220	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	6,859.12	553.60

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0221	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	8,193.69	553.60
23 05 48 13-0222	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	9,525.39	553.60
23 05 48 13-0223	EA	10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	10,601.65	553.60
23 05 48 13-0224	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	7,582.86	672.23
23 05 48 13-0225	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	9,265.10	672.23
23 05 48 13-0226	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	10,947.23	672.23
23 05 48 13-0227	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	12,629.36	672.23
23 05 48 13-0228	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	14,311.60	672.23

23 05 53 Identification for HVAC Piping and Equipment *(23 05)*

23 05 53 00-0001 Systems Identification *(23 05 53)*

23 05 53 00-0002 Pipe Marker Snap-On Type Plastic *(23 05 53 00-0001)*

Note: Outside diameters of insulation where necessary.

23 05 53 00-0003	EA	1/2" Outside Diameter Snap-On Plastic Marker	19.31
23 05 53 00-0004	EA	3/4" Outside Diameter Snap-On Plastic Marker	19.58
23 05 53 00-0005	EA	1" Outside Diameter Snap-On Plastic Marker	19.72
23 05 53 00-0006	EA	1-1/4" Outside Diameter Snap-On Plastic Marker	20.02
23 05 53 00-0007	EA	1-1/2" Outside Diameter Snap-On Plastic Marker	23.33
23 05 53 00-0008	EA	2" Outside Diameter Snap-On Plastic Marker	23.82
23 05 53 00-0009	EA	2-1/2" Outside Diameter Snap-On Plastic Marker	38.14
23 05 53 00-0010	EA	3" Outside Diameter Snap-On Plastic Marker	38.53
23 05 53 00-0011	EA	3-1/2" Outside Diameter Snap-On Plastic Marker	38.95
23 05 53 00-0012	EA	4" Outside Diameter Snap-On Plastic Marker	39.17
23 05 53 00-0013	EA	4-1/2" Outside Diameter Snap-On Plastic Marker	39.40
23 05 53 00-0014	EA	5" Outside Diameter Snap-On Plastic Marker	39.63
23 05 53 00-0015	EA	6" Outside Diameter Snap-On Plastic Marker	41.54
23 05 53 00-0016	EA	7" Outside Diameter Snap-On Plastic Marker	41.80
23 05 53 00-0017	EA	8" Outside Diameter Snap-On Plastic Marker	51.62
23 05 53 00-0018	EA	10" Outside Diameter Snap-On Plastic Marker	53.34
23 05 53 00-0019	EA	12" Outside Diameter Snap-On Plastic Marker	61.41
23 05 53 00-0020	EA	14" Outside Diameter Snap-On Plastic Marker	70.43

23 05 53 00-0021 Pipe Markers Pressure-Sensitive *(23 05 53 00-0001)*

Note: Outside diameter includes insulation where necessary.

23 05 53 00-0022	EA	1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	12.04
23 05 53 00-0023	EA	3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	12.58
23 05 53 00-0024	EA	1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	13.67
23 05 53 00-0025	EA	1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	13.88
23 05 53 00-0026	EA	1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	14.75
23 05 53 00-0027	EA	2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	15.07
23 05 53 00-0028	EA	2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	16.84
23 05 53 00-0029	EA	3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.27
23 05 53 00-0030	EA	3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.59
23 05 53 00-0031	EA	4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.93
23 05 53 00-0032	EA	4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	18.60
23 05 53 00-0033	EA	5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	19.34
23 05 53 00-0034	EA	6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	19.97
23 05 53 00-0035	EA	7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	20.60
23 05 53 00-0036	EA	8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	22.59
23 05 53 00-0037	EA	10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	23.78
23 05 53 00-0038	EA	12" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	27.68

23 05 53 00-0039 Valve Identification Tag *(23 05 53 00-0001)*

Note: Includes beaded chain and/or "S" hook.

23 05 53 00-0040	EA	2" Diameter Identification Tag, Brass	11.39
23 05 53 00-0041	EA	1-1/2" Diameter Identification Tag, Plastic	10.67
23 05 53 00-0042	EA	1-1/2" Diameter Identification Tag, Brass	10.45

23 05 53 00-0043 Medical Pipe Labels Pressure-Sensitive *(23 05 53 00-0001)*

23 05 53 00-0044	LF	3" Wide, Vinyl Medical Gas Pipe Pressure Sensitive Stick-On Label Note: To be wrapped around pipe insulation per location	20.92

23 05 66 Anti-Microbial Ultraviolet Emitters for HVAC Ducts and Equipment *(23 05)*

23 05 66 00-0001 Double Ended Ultraviolet HVAC Microbial Control Fixtures *(23 05 66)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 66 00-0002	EA	18" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-181-VO) Note: Includes tube.	952.03	80.68
23 05 66 00-0003	EA	24" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-241-VO) Note: Includes tube.	993.84	84.67
23 05 66 00-0004	EA	30" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-301-VO) Note: Includes tube.	996.69	88.30
23 05 66 00-0005	EA	36" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-361-VO) Note: Includes tube.	1,043.25	92.78
23 05 66 00-0006	EA	42" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-421-VO) Note: Includes tube.	1,128.88	96.76
23 05 66 00-0007	EA	62" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-621-VO) Note: Includes tube.	1,083.29	99.79
23 05 66 00-0008		Single Ended Ultraviolet HVAC Microbial Control Fixtures *(23 05 66)*		
23 05 66 00-0009	EA	12" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-121-VO) Note: Includes tube.	803.91	55.88
23 05 66 00-0010	EA	16" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-161-VO) Note: Includes tube.	815.20	60.47
23 05 66 00-0011	EA	20" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-201-VO) Note: Includes tube.	837.00	64.10
23 05 66 00-0012	EA	24" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-241-VO) Note: Includes tube.	847.55	68.94
23 05 66 00-0013	EA	30" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-301-VO) Note: Includes tube.	870.10	72.57
23 05 66 00-0014	EA	36" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-361-VO) Note: Includes tube.	886.64	76.20
23 05 66 00-0015	EA	42" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-421-VO) Note: Includes tube.	908.45	81.04
23 05 66 00-0016	EA	12" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-121-VO) Note: Includes tube.	914.99	55.88
23 05 66 00-0017	EA	16" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-161-VO) Note: Includes tube.	926.28	60.47
23 05 66 00-0018	EA	20" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-201-VO) Note: Includes tube.	948.08	64.10
23 05 66 00-0019	EA	24" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-241-VO) Note: Includes tube.	958.63	68.94
23 05 66 00-0020	EA	30" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-301-VO) Note: Includes tube.	981.18	72.57
23 05 66 00-0021	EA	36" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-361-VO) Note: Includes tube.	997.72	76.20
23 05 66 00-0022	EA	42" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-421-VO) Note: Includes tube.	1,019.53	81.04
23 05 66 00-0023	EA	16" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-161-VO) Note: Includes tube.	641.32	60.47
23 05 66 00-0024	EA	20" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-201-VO) Note: Includes tube.	663.12	64.10
23 05 66 00-0025	EA	24" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-241-VO) Note: Includes tube.	673.67	68.94
23 05 66 00-0026	EA	30" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-301-VO) Note: Includes tube.	696.22	72.57
23 05 66 00-0027	EA	36" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-361-VO) Note: Includes tube.	712.76	76.20
23 05 66 00-0028	EA	42" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-421-VO) Note: Includes tube.	734.57	81.04
23 05 66 00-0029		Fan Coil Unit Ultraviolet Microbial Control Fixtures *(23 05 66)*		
23 05 66 00-0030	EA	16" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	586.59	77.41
23 05 66 00-0031	EA	20" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	599.54	81.04
23 05 66 00-0032	EA	24" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	612.48	84.67
23 05 66 00-0033	EA	30" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	629.89	88.30
23 05 66 00-0034	EA	36" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	652.43	92.78
23 05 66 00-0035	EA	42" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	672.27	96.76
23 05 66 00-0036		Ultraviolet HVAC Microbial Control Replacement Parts *(23 05 66)*		
23 05 66 00-0037	EA	18" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-16-VO)	155.06	
23 05 66 00-0038	EA	24" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-22-VO)	163.04	
23 05 66 00-0039	EA	30" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-28-VO)	185.32	
23 05 66 00-0040	EA	36" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-34-VO)	214.01	
23 05 66 00-0041	EA	42" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-40-VO)	243.33	
23 05 66 00-0042	EA	62" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-60-VO)	251.11	
23 05 66 00-0043	EA	12" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-12-VO)	121.11	
23 05 66 00-0044	EA	16" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-16-VO)	127.57	
23 05 66 00-0045	EA	20" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-20-VO)	144.52	
23 05 66 00-0046	EA	24" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-24-VO)	150.24	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 66 00-0047	EA	30" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-30-VO)	167.95	
23 05 66 00-0048	EA	36" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-36-VO)	179.65	
23 05 66 00-0049	EA	42" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-42-VO)	196.62	
23 05 66 00-0050	EA	Removal And Replacement Of Power Supply For Ultraviolet Microbial Control Fixture (Steril-Aire)	453.97	
23 05 66 00-0051		**Ultraviolet HVAC Microbial Control Mounting Accessories** *(23 05 66)*		
23 05 66 00-0052	EA	Two Spring Clip, 61" Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006610) Note: Includes 61" emitter, power supply, wires and connectors.	672.01	
23 05 66 00-0053	EA	Two Spring Clip, 61" Sleeved Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006620) Note: Includes 61" emitter, power supply, wires and connectors.	860.61	
23 05 66 00-0054	EA	Two Spring Clip, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-1) Note: Includes power supply, wires and connectors. Excludes emitter.	390.13	
23 05 66 00-0055	EA	Two Short Hook Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-2) Note: Includes power supply, wires and connectors. Excludes emitter.	413.22	
23 05 66 00-0056	EA	Flat Plate For Metal, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-3) Note: Includes power supply, wires and connectors. Excludes emitter.	534.50	
23 05 66 00-0057	EA	Flat Plate For Plastic, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-4) Note: Includes power supply, wires and connectors. Excludes emitter.	331.74	
23 05 66 00-0058	EA	Insert Lamp Holder, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-5) Note: Includes power supply, wires and connectors. Excludes emitter.	360.14	
23 05 66 00-0059	EA	16" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-6) Note: Includes power supply, wires and connectors. Excludes emitter.	468.67	
23 05 66 00-0060	EA	12" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-7) Note: Includes power supply, wires and connectors. Excludes emitter.	462.12	
23 05 66 00-0061	LF	30 x 30 mm Framing Structure For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000101)	17.38	
23 05 66 00-0062	EA	Vertical Support Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000111)	58.52	
23 05 66 00-0063	EA	Joint Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000112)	20.01	
23 05 66 00-0064	EA	Emitter Mounting Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000113)	18.86	
23 05 66 00-0065	EA	Foundation Bracket FB 8WA For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000104)	53.84	
23 05 66 00-0066	EA	Slider Assembly Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000114)	64.63	
23 05 66 00-0067	EA	Splice Kit For Horizontal Rows For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000108)	57.35	
23 05 66 00-0068	EA	Gusset Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000115)	46.43	
23 05 66 00-0069	EA	ISO "A" Bracket Hanger For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000109)	43.83	
23 05 66 00-0070	EA	DE Boot Kit UV Resistant For 1 DE Fixture For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000223)	23.44	
23 05 66 00-0071	EA	DE Wiring Kit For Up To 65" (DE Bank Install) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000603)	49.34	
23 05 66 00-0072	EA	Cleaning Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000100)	23.54	
23 05 66 00-0073	EA	480 To 220 Volt AC / 180 VA Step-Down Transformer For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000503)	94.20	
23 05 66 00-0074	EA	Interlock Switch (16 Amps At 125 Volt, 10 Amperes At 250 Volt Maximum Ampacity) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000120)	99.09	
23 05 66 00-0075		**Ultraviolet Duct Disinfection Unit (eLEDLights)** *(23 05 66)*		
23 05 66 00-0076	EA	Two 12" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V12-P1)	1,376.07	111.88
23 05 66 00-0077	EA	Two 18" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V18-P1)	1,539.16	117.93
23 05 66 00-0078	EA	Two 24" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V24-P1)	1,597.03	127.00
23 05 66 00-0079	EA	Two 30" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V30-P1)	1,670.80	136.07
23 05 66 00-0080	EA	Two 36" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V36-P1)	1,720.73	145.14
23 05 66 00-0081	EA	Two 48" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V48-P1)	2,074.54	151.19
23 05 66 00-0082	EA	Four 18" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V18-P1)	2,077.96	117.93
23 05 66 00-0083	EA	Four 24" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V24-P1)	2,159.67	127.00
23 05 66 00-0084	EA	Four 30" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V30-P1)	2,495.69	136.07
23 05 66 00-0085	EA	Four 36" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V36-P1)	2,593.30	145.14
23 05 66 00-0086		**Ultraviolet Germicidal Airborne Duct System (Fresh-Aire UV)** *(23 05 66)* Note: Includes 2 Year Warranty		
23 05 66 00-0087	EA	Two 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-218D-HO)	1,310.60	117.93
23 05 66 00-0088	EA	Four 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-218Q-HO)	2,263.49	117.93
23 05 66 00-0089	EA	Six 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-218H-HO)	3,217.67	117.93
23 05 66 00-0090	EA	Two 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-224D-HO)	1,344.12	127.00
23 05 66 00-0091	EA	Four 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-224Q-HO)	2,309.85	127.00
23 05 66 00-0092	EA	Six 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-224H-HO)	3,276.85	127.00
23 05 66 00-0093	EA	Two 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-232D-HO)	1,375.09	136.07
23 05 66 00-0094	EA	Four 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-232Q-HO)	2,356.20	136.07
23 05 66 00-0095	EA	Six 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-232H-HO)	3,336.03	136.07
23 05 66 00-0096	EA	Two 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-246D-HO)	1,522.04	151.19
23 05 66 00-0097	EA	Four 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-246Q-HO)	2,596.77	151.19
23 05 66 00-0098	EA	Six 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-246H-HO)	3,671.51	151.19
23 05 66 00-0099	EA	Two 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-260D-HO)	1,786.98	166.31
23 05 66 00-0100	EA	Four 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-260Q-HO)	3,097.69	166.31
23 05 66 00-0101	EA	Six 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVC-ADS-260H-HO)	4,407.12	166.31

23 05 93 Testing, Adjusting, and Balancing for HVAC *(23 05)*

Note: Includes all necessary testing, startup, and checkout. Use these tasks for testing, startup, and checkout of existing systems or for third party testing and report when required.

23 05 93 00-0001 Heating And Ventilating Equipment *(23 05 93)*

23 05 93 00-0002	EA	Balancing Centrifugal Fans	432.98	
		For Testing Of Unit Without Balancing, Deduct	*-216.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0003	EA	Balancing Heating And Ventilating Units	541.01	
		For Testing Of Unit Without Balancing, Deduct	*-270.51*	
23 05 93 00-0004	EA	Balancing In Line Fan	487.10	
		For Testing Of Unit Without Balancing, Deduct	*-243.55*	
23 05 93 00-0005	EA	Balancing Propeller And Wall Fan	108.24	
		For Testing Of Unit Without Balancing, Deduct	*-54.12*	
23 05 93 00-0006	EA	Balancing Roof Exhaust Fan	324.71	
		For Testing Of Unit Without Balancing, Deduct	*-162.36*	
23 05 93 00-0007	EA	Balancing Wall Fan	81.16	
		For Testing Of Unit Without Balancing, Deduct	*-40.58*	
23 05 93 00-0008	EA	Balancing Fan Section Exhaust	432.28	
		For Testing Of Unit Without Balancing, Deduct	*-216.14*	
23 05 93 00-0009		**Air Conditioning Equipment** *(23 05 93)*		
23 05 93 00-0010	EA	Balancing Constant Volume Air Handling Unit	799.50	
		For Testing Of Unit Without Balancing, Deduct	*-399.75*	
23 05 93 00-0011	EA	Balancing Package A/C Unit	299.82	
		For Testing Of Unit Without Balancing, Deduct	*-149.91*	
23 05 93 00-0012	EA	Balancing Rooftop Heat And Cool Unit	399.75	
		For Testing Of Unit Without Balancing, Deduct	*-199.88*	
23 05 93 00-0013	EA	Balancing Variable Volume Air Handling Unit	1,399.12	
		For Testing Of Unit Without Balancing, Deduct	*-699.56*	
23 05 93 00-0014		**Registers, Diffusers, Terminal Air Units And Dampers** *(23 05 93)*		
23 05 93 00-0015	EA	Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser	81.18	
		For Testing Of Unit Without Balancing, Deduct	*-40.59*	
23 05 93 00-0016	EA	Balancing HVAC Duct System, Ceiling Height >12' Supply, Return, Exhaust, Register And Diffuser	135.31	
		For Testing Of Unit Without Balancing, Deduct	*-67.66*	
23 05 93 00-0017	EA	Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser	70.35	
		For Testing Of Unit Without Balancing, Deduct	*-35.18*	
23 05 93 00-0018	EA	Balance Variable Air Volume Box	76.23	
		For Testing Of Unit Without Balancing, Deduct	*-38.12*	
23 05 93 00-0019	EA	Balance Constant Volume Box	76.23	
		For Testing Of Unit Without Balancing, Deduct	*-38.12*	
23 05 93 00-0020	EA	Balance Fan Powered Box	86.59	
		For Testing Of Unit Without Balancing, Deduct	*-43.30*	
23 05 93 00-0021	EA	Balance Lab Fume Hood	351.81	
		For Testing Of Unit Without Balancing, Deduct	*-175.91*	
23 05 93 00-0022	EA	Balance General Hood	270.61	
		For Testing Of Unit Without Balancing, Deduct	*-135.31*	
23 05 93 00-0023	EA	Balance Induction Unit	162.38	
		For Testing Of Unit Without Balancing, Deduct	*-81.19*	
23 05 93 00-0024	EA	Balance Moduline - Master	64.93	
		For Testing Of Unit Without Balancing, Deduct	*-32.47*	
23 05 93 00-0025	EA	Balance Moduline - Slave	32.47	
		For Testing Of Unit Without Balancing, Deduct	*-16.24*	
23 05 93 00-0026	EA	Balance Dampers	30.15	
		For Testing Of Unit Without Balancing, Deduct	*-15.08*	
23 05 93 00-0027	EA	Balance Regenerators	432.28	
		For Testing Of Unit Without Balancing, Deduct	*-216.14*	
23 05 93 00-0028		**Water Balancing Of Components** *(23 05 93)*		
23 05 93 00-0029	EA	Water Balance, Air Cool Condenser	549.71	
		For Testing Of Unit Without Balancing, Deduct	*-274.86*	
23 05 93 00-0030	EA	Water Balance, Cabinet Heater	69.96	
		For Testing Of Unit Without Balancing, Deduct	*-34.98*	
23 05 93 00-0031	EA	Water Balance, Chiller, Air Cooled	599.57	
		For Testing Of Unit Without Balancing, Deduct	*-299.79*	
23 05 93 00-0032	EA	Water Balance, Chiller, Water Cooled	799.50	
		For Testing Of Unit Without Balancing, Deduct	*-399.75*	
23 05 93 00-0033	EA	Water Balance, Cooling Tower	399.75	
		For Testing Of Unit Without Balancing, Deduct	*-199.88*	
23 05 93 00-0034	EA	Water Balance, Fan Coil And Vent	100.00	
		For Testing Of Unit Without Balancing, Deduct	*-50.00*	
23 05 93 00-0035	EA	Water Balance, Fin Tube And Radiant Panel	99.94	
		For Testing Of Unit Without Balancing, Deduct	*-49.97*	
23 05 93 00-0036	EA	Water Balance, Main And Duct Re-Heat Coil	109.93	
		For Testing Of Unit Without Balancing, Deduct	*-54.97*	
23 05 93 00-0037	EA	Water Balance, Pumps	299.83	
		For Testing Of Unit Without Balancing, Deduct	*-149.92*	
23 05 93 00-0038	EA	Water Balance, Unit Heater	69.96	
		For Testing Of Unit Without Balancing, Deduct	*-34.98*	
23 05 93 00-0039	EA	Water Balancing, Converter	299.93	
		For Testing Of Unit Without Balancing, Deduct	*-149.97*	
23 05 93 00-0040	EA	Water Balancing, Cocks And Valves	49.96	
		For Testing Of Unit Without Balancing, Deduct	*-24.98*	
23 05 93 00-0041	EA	Water Balance, Convector	59.95	
		For Testing Of Unit Without Balancing, Deduct	*-29.98*	
23 05 93 00-0042	EA	Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves	74.95	
		For Testing Of Unit Without Balancing, Deduct	*-37.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0043	EA	Water Balance, Boiler, Up To 500 MBH	649.59	
		For Testing Of Unit Without Balancing, Deduct	*-324.80*	
23 05 93 00-0044	EA	>500 To 1,000 MBH, Water Balance, Boiler	1,199.25	
		For Testing Of Unit Without Balancing, Deduct	*-599.63*	
23 05 93 00-0045	EA	>1,000 MBH, Water Balance, Boiler	2,198.62	
		For Testing Of Unit Without Balancing, Deduct	*-1,099.31*	
23 05 93 00-0046		Non Destructive Testing *(23 05 93)*		
23 05 93 00-0047		X-Ray Welds, Non-Destructive Testing *(23 05 93 00-0046)*		
23 05 93 00-0048		Minimum Charge For X-Ray Welds *(23 05 93 00-0047)*		
23 05 93 00-0049	EA	X-Ray Welds Minimum Set-Up Charge	810.67	
		Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
23 05 93 00-0050		Piping, X-Ray Welds, Non Destructive Testing *(23 05 93 00-0047)*		
23 05 93 00-0051	EA	Up To 3/4" Piping, X-Ray Welds, Non Destructive Testing	84.30	
23 05 93 00-0052	EA	1" Piping, X-Ray Welds, Non Destructive Testing	95.85	
23 05 93 00-0053	EA	1-1/4" - 1-1/2" Piping, X-Ray Welds, Non Destructive Testing	107.39	
23 05 93 00-0054	EA	2" Piping, X-Ray Welds, Non Destructive Testing	113.52	
23 05 93 00-0055	EA	3" Piping, X-Ray Welds, Non Destructive Testing	119.64	
23 05 93 00-0056	EA	4" Piping, X-Ray Welds, Non Destructive Testing	126.46	
23 05 93 00-0057	EA	6" Piping, X-Ray Welds, Non Destructive Testing	138.69	
23 05 93 00-0058	EA	8" Piping, X-Ray Welds, Non Destructive Testing	150.94	
23 05 93 00-0059	EA	10" Piping, X-Ray Welds, Non Destructive Testing	157.75	
23 05 93 00-0060	EA	12" Piping, X-Ray Welds, Non Destructive Testing	164.58	
23 05 93 00-0061		Liquid Penetration Of Welds, Non Destructive Testing *(23 05 93 00-0046)*		
23 05 93 00-0062		Piping, Liquid Penetration Of Welds, Non Destructive Testing *(23 05 93 00-0061)*		
23 05 93 00-0063	EA	Up To 3/4" Piping, Liquid Penetration Of Welds, Non Destructive Testing	112.05	
23 05 93 00-0064	EA	1" Piping, Liquid Penetration Of Welds, Non Destructive Testing	117.48	
23 05 93 00-0065	EA	1-1/4" - 1-1/2" Piping, Liquid Penetration Of Welds, Non Destructive Testing	122.90	
23 05 93 00-0066	EA	2" Piping, Liquid Penetration Of Welds, Non Destructive Testing	125.61	
23 05 93 00-0067	EA	3" Piping, Liquid Penetration Of Welds, Non Destructive Testing	129.69	
23 05 93 00-0068	EA	4" Piping, Liquid Penetration Of Welds, Non Destructive Testing	133.75	
23 05 93 00-0069	EA	6" Piping, Liquid Penetration Of Welds, Non Destructive Testing	141.89	
23 05 93 00-0070	EA	8" Piping, Liquid Penetration Of Welds, Non Destructive Testing	150.02	
23 05 93 00-0071	EA	10" Piping, Liquid Penetration Of Welds, Non Destructive Testing	158.17	
23 05 93 00-0072	EA	12" Piping, Liquid Penetration Of Welds, Non Destructive Testing	166.30	
23 05 93 00-0073		Hydrostatic Testing *(23 05 93 00-0046)*		
		Note: Includes flushing and restoring of system.		
23 05 93 00-0074		Piping, Hydrostatic Testing *(23 05 93 00-0073)*		
23 05 93 00-0075	EA	Up To 100', Up To 1-1/2" Piping, Hydrostatic Testing	713.83	
23 05 93 00-0076	EA	>100' To 250', Up To 1-1/2" Piping, Hydrostatic Testing	1,019.75	
23 05 93 00-0077	EA	>250' To 500', Up To 1-1/2" Piping, Hydrostatic Testing	1,221.87	
23 05 93 00-0078	EA	>500' To 1,000', Up To 1-1/2" Piping, Hydrostatic Testing	1,627.54	
23 05 93 00-0079	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Hydrostatic Testing	2,465.96	
23 05 93 00-0080	EA	Up To 100', >1-1/2" To 4" Piping, Hydrostatic Testing	949.11	
23 05 93 00-0081	EA	>100' To 250', >1-1/2" To 4" Piping, Hydrostatic Testing	1,356.27	
23 05 93 00-0082	EA	>250' To 500', >1-1/2" To 4" Piping, Hydrostatic Testing	1,614.61	
23 05 93 00-0083	EA	>500' To 1,000', >1-1/2" To 4" Piping, Hydrostatic Testing	2,115.77	
23 05 93 00-0084	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Hydrostatic Testing	3,200.80	
23 05 93 00-0085	EA	Up To 100', >4" To 10" Piping, Hydrostatic Testing	1,236.92	
23 05 93 00-0086	EA	>100' To 250', >4" To 10" Piping, Hydrostatic Testing	1,763.16	
23 05 93 00-0087	EA	>250' To 500', >4" To 10" Piping, Hydrostatic Testing	1,860.27	
23 05 93 00-0088	EA	>500' To 1,000', >4" To 10" Piping, Hydrostatic Testing	2,437.10	
23 05 93 00-0089	EA	>1,000' To 2,000', >4" To 10" Piping, Hydrostatic Testing	3,686.88	
23 05 93 00-0090	EA	Up To 100', >10" To 14" Piping, Hydrostatic Testing	1,605.84	
23 05 93 00-0091	EA	>100' To 250', >10" To 14" Piping, Hydrostatic Testing	2,289.39	
23 05 93 00-0092	EA	>250' To 500', >10" To 14" Piping, Hydrostatic Testing	2,418.83	
23 05 93 00-0093	EA	>500' To 1,000', >10" To 14" Piping, Hydrostatic Testing	3,172.55	
23 05 93 00-0094	EA	>1,000' To 2,000', >10" To 14" Piping, Hydrostatic Testing	4,806.91	
23 05 93 00-0095		Pneumatic Testing *(23 05 93 00-0046)*		
		Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.		
23 05 93 00-0096		Piping, Pneumatic Testing *(23 05 93 00-0095)*		
23 05 93 00-0097	EA	Up To 100', Up To 1-1/2" Piping, Pneumatic Testing	812.28	
		Note: Includes soaping joints.		
23 05 93 00-0098	EA	>100' To 250', Up To 1-1/2" Piping, Pneumatic Testing	1,158.83	
		Note: Includes soaping joints.		
23 05 93 00-0099	EA	>250' To 500', Up To 1-1/2" Piping, Pneumatic Testing	1,252.38	
		Note: Includes soaping joints.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0100	EA	>500' To 1,000', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,604.84	
23 05 93 00-0101	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	2,511.13	
23 05 93 00-0102	EA	Up To 100', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,059.88	
23 05 93 00-0103	EA	>100' To 250', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,504.73	
23 05 93 00-0104	EA	>250' To 500', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,627.93	
23 05 93 00-0105	EA	>500' To 1,000', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	2,086.61	
23 05 93 00-0106	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	3,263.77	
23 05 93 00-0107	EA	Up To 100', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	1,276.57	
23 05 93 00-0108	EA	>100' To 250', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	1,801.24	
23 05 93 00-0109	EA	>250' To 500', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	2,038.04	
23 05 93 00-0110	EA	>500' To 1,000', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	2,605.19	
23 05 93 00-0111	EA	>1,000' To 2,000', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	4,080.77	
23 05 93 00-0112	EA	Up To 100', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	1,662.27	
23 05 93 00-0113	EA	>100' To 250', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	2,341.83	
23 05 93 00-0114	EA	>250' To 500', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	2,650.42	
23 05 93 00-0115	EA	>500' To 1,000', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	3,387.70	
23 05 93 00-0116	EA	>1,000' To 2,000', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	5,314.13	

23 05 93 00-0117 EPA Testing Of Sludge *(23 05 93)*

23 05 93 00-0118	EA	Flashpoint And Lead Test For Lead	975.22	
23 05 93 00-0119	EA	Air Test/Combustion Gas Level	93.85	
23 05 93 00-0120	EA	Toxicity Test For Heavy Metals	1,497.63	
23 05 93 00-0121	EA	Aboveground Tank Water Settlement Test Including Water	1,135.39	

23 07 HVAC Insulation *(23)*

23 07 13 Duct Insulation *(23 07)*

Note: Based on SF surface area of duct to receive insulation.

23 07 13 00-0001 FSK Fiber Glass Duct Wrap Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight.

23 07 13 00-0002 Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0003	SF	1" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	3.43	1.93
		For Plain Blanket, With No Facing, Deduct	*-0.35*	
		For Work In Restricted Working Space, Add	*0.77*	
23 07 13 00-0004	SF	1-1/2" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.00	1.93
		For Plain Blanket, With No Facing, Deduct	*-0.40*	
		For Work In Restricted Working Space, Add	*0.90*	
23 07 13 00-0005	SF	2" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.52	2.88
		For Plain Blanket, With No Facing, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*1.03*	
23 07 13 00-0006	SF	3" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	5.36	3.36
		For Plain Blanket, With No Facing, Deduct	*-0.54*	
		For Work In Restricted Working Space, Add	*1.20*	
23 07 13 00-0007	SF	4" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	6.46	3.65
		For Plain Blanket, With No Facing, Deduct	*-0.85*	
		For Work In Restricted Working Space, Add	*1.30*	

23 07 13 00-0008 Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0009	SF	1" Thick, Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.21	2.88
		For Plain Blanket, With No Facing, Deduct	*-0.40*	
		For Work In Restricted Working Space, Add	*0.96*	
23 07 13 00-0010	SF	1-1/2" Thick, Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.91	3.36
		For Plain Blanket, With No Facing, Deduct	*-0.49*	
		For Work In Restricted Working Space, Add	*1.11*	
23 07 13 00-0011	SF	2" Thick, Type 100 (1.0 LB/CF) Fiber Glass FSK Duct Wrap Insulation	5.81	3.84
		For Plain Blanket, With No Facing, Deduct	*-0.58*	
		For Work In Restricted Working Space, Add	*1.31*	

23 07 13 00-0012 Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 13 00-0013	SF	1" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	5.56	3.84
		For Plain Blanket, With No Facing, Deduct	*-0.68*	
		For Work In Restricted Working Space, Add	*1.16*	
23 07 13 00-0014	SF	1-1/2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	7.37	4.33
		For Plain Blanket, With No Facing, Deduct	*-1.18*	
		For Work In Restricted Working Space, Add	*1.32*	
23 07 13 00-0015	SF	2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	8.60	4.80
		For Plain Blanket, With No Facing, Deduct	*-1.39*	
		For Work In Restricted Working Space, Add	*1.54*	
23 07 13 00-0016		**3 LB/CF FSK Rigid Fiber Glass Board Insulation** *(23 07 13)*		
		Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners.		
23 07 13 00-0017	SF	1" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation	9.14	5.31
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*20.90*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*15.54*	
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*12.80*	
		For Work In Restricted Working Space, Add	*2.56*	
23 07 13 00-0018	SF	1-1/2" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation	11.80	6.46
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*25.91*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*19.59*	
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*16.05*	
		For Work In Restricted Working Space, Add	*3.11*	
23 07 13 00-0019	SF	2" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation	14.75	7.80
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*31.61*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*24.14*	
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*19.72*	
		For Work In Restricted Working Space, Add	*3.76*	
23 07 13 00-0020		**4.253 LB/CF FSK Rigid Fiber Glass Board Insulation** *(23 07 13)*		
		Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener.		
23 07 13 00-0021	SF	1" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	10.28	5.85
		For Work In Restricted Working Space, Add	*2.81*	
23 07 13 00-0022	SF	1-1/2" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	13.43	7.11
		For Work In Restricted Working Space, Add	*3.42*	
23 07 13 00-0023	SF	2" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	17.30	8.58
		For Work In Restricted Working Space, Add	*4.13*	
23 07 13 00-0024		**Sheet Flexible Elastomeric Insulation** *(23 07 13)*		
23 07 13 00-0025	SF	3/8" Thick, Sheet Flexible Elastomeric Insulation	8.25	2.59
23 07 13 00-0026	SF	1/2" Thick, Sheet Flexible Elastomeric Insulation	8.82	2.73
23 07 13 00-0027	SF	3/4" Thick, Sheet Flexible Elastomeric Insulation	11.69	2.88
23 07 13 00-0028	SF	1" Thick, Sheet Flexible Elastomeric Insulation	13.52	3.02
23 07 13 00-0029	SF	1-1/2" Thick, Sheet Flexible Elastomeric Insulation	18.86	3.32
23 07 13 00-0030	SF	2" Thick, Sheet Flexible Elastomeric Insulation	22.35	3.60
23 07 13 00-0031		**Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation** *(23 07 13)*		
		Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0032	SF	1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	12.39	2.73
23 07 13 00-0033	SF	3/4" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	13.65	2.88
23 07 13 00-0034	SF	1" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	15.23	3.02
23 07 13 00-0035	SF	1-1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	23.99	3.32
23 07 13 00-0036	SF	2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	28.48	3.60
23 07 13 00-0037		**Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation** *(23 07 13)*		
		Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0038	SF	1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	14.93	2.73
23 07 13 00-0039	SF	3/4" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	16.19	2.88
23 07 13 00-0040	SF	1" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	18.22	3.02
23 07 13 00-0041	SF	1-1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	26.95	3.32
23 07 16		**HVAC Equipment Insulation** *(23 07)*		
23 07 16 00-0001		**Calcium Silicate Block Insulation** *(23 07 16)*		
23 07 16 00-0002	SF	1" Thick, Calcium Silicate Block Insulation	15.97	6.38
		For Work In Restricted Working Space, Add	*3.83*	
23 07 16 00-0003	SF	1-1/2" Thick, Calcium Silicate Block Insulation	19.18	7.18
		For Work In Restricted Working Space, Add	*4.31*	
23 07 16 00-0004	SF	2" Thick, Calcium Silicate Block Insulation	23.04	8.28
		For Work In Restricted Working Space, Add	*4.98*	
23 07 16 00-0005	SF	2-1/2" Thick, Calcium Silicate Block Insulation	27.48	9.72
		For Work In Restricted Working Space, Add	*5.84*	
23 07 16 00-0006	SF	3" Thick, Calcium Silicate Block Insulation	33.57	11.97
		For Work In Restricted Working Space, Add	*7.18*	

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 07 19 HVAC Piping Insulation *(23 07)*

See CSI section 22 07 19 00-0000 for pipe insulation.

23 07 19 00-0001 Calcium Silicate Pipe Insulation *(23 07 19)*

Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint. See CSI section 22 07 19 00-0594 for protective jacketing.

23 07 19 00-0002 1" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0003	LF	1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation		14.26	3.16
		For Work In Restricted Working Space, Add		*2.37*	
23 07 19 00-0004	LF	3/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation		14.26	3.16
		For Work In Restricted Working Space, Add		*2.37*	
23 07 19 00-0005	LF	1" Diameter Pipe, 1" Thick Calcium Silicate Insulation		14.10	3.21
		For Work In Restricted Working Space, Add		*2.40*	
23 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation		14.32	3.25
		For Work In Restricted Working Space, Add		*2.44*	
23 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation		14.49	3.30
		For Work In Restricted Working Space, Add		*2.47*	
23 07 19 00-0008	LF	2" Diameter Pipe, 1" Thick Calcium Silicate Insulation		15.67	3.39
		For Work In Restricted Working Space, Add		*2.54*	
23 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation		16.42	3.52
		For Work In Restricted Working Space, Add		*2.64*	
23 07 19 00-0010	LF	3" Diameter Pipe, 1" Thick Calcium Silicate Insulation		17.23	3.61
		For Work In Restricted Working Space, Add		*2.71*	
23 07 19 00-0011	LF	4" Diameter Pipe, 1" Thick Calcium Silicate Insulation		19.97	3.89
		For Work In Restricted Working Space, Add		*2.92*	
23 07 19 00-0012	LF	6" Diameter Pipe, 1" Thick Calcium Silicate Insulation		22.16	4.39
		For Work In Restricted Working Space, Add		*3.29*	

23 07 19 00-0013 1-1/2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0014	LF	1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation		14.94	3.29
		For Work In Restricted Working Space, Add		*2.47*	
23 07 19 00-0015	LF	3/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation		15.05	3.29
		For Work In Restricted Working Space, Add		*2.47*	
23 07 19 00-0016	LF	1" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation		16.17	3.49
		For Work In Restricted Working Space, Add		*2.61*	
23 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation		16.90	3.55
		For Work In Restricted Working Space, Add		*2.66*	
23 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation		17.66	3.62
		For Work In Restricted Working Space, Add		*2.71*	
23 07 19 00-0019	LF	2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation		19.05	3.81
		For Work In Restricted Working Space, Add		*2.86*	
23 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation		20.08	3.88
		For Work In Restricted Working Space, Add		*2.91*	
23 07 19 00-0021	LF	3" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation		20.87	4.01
		For Work In Restricted Working Space, Add		*3.01*	
23 07 19 00-0022	LF	4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation		23.41	4.34
		For Work In Restricted Working Space, Add		*3.25*	
23 07 19 00-0023	LF	6" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation		27.10	5.06
		For Work In Restricted Working Space, Add		*3.80*	
23 07 19 00-0024	LF	8" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation		32.51	5.34
		For Work In Restricted Working Space, Add		*4.01*	
23 07 19 00-0025	LF	10" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation		41.35	6.39
		For Work In Restricted Working Space, Add		*4.80*	
23 07 19 00-0026	LF	12" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation		48.70	7.45
		For Work In Restricted Working Space, Add		*5.59*	
23 07 19 00-0027	LF	14" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation		54.40	8.17
		For Work In Restricted Working Space, Add		*6.12*	
23 07 19 00-0028	LF	16" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation		64.04	10.40
		For Work In Restricted Working Space, Add		*7.79*	
23 07 19 00-0029	LF	18" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation		69.35	10.91
		For Work In Restricted Working Space, Add		*8.18*	

23 07 19 00-0030 2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0031	LF	1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation		19.66	3.61
		For Work In Restricted Working Space, Add		*2.71*	
23 07 19 00-0032	LF	3/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation		20.23	3.61
		For Work In Restricted Working Space, Add		*2.71*	
23 07 19 00-0033	LF	1" Diameter Pipe, 2" Thick Calcium Silicate Insulation		20.95	3.66
		For Work In Restricted Working Space, Add		*2.75*	
23 07 19 00-0034	LF	1-1/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation		21.92	3.70
		For Work In Restricted Working Space, Add		*2.78*	
23 07 19 00-0035	LF	1-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation		22.58	3.75
		For Work In Restricted Working Space, Add		*2.81*	
23 07 19 00-0036	LF	2" Diameter Pipe, 2" Thick Calcium Silicate Insulation		23.57	3.89
		For Work In Restricted Working Space, Add		*2.92*	
23 07 19 00-0037	LF	2-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation		26.73	4.02
		For Work In Restricted Working Space, Add		*3.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0038	LF	3" Diameter Pipe, 2" Thick Calcium Silicate Insulation	27.13	4.16
		For Work In Restricted Working Space, Add	*3.12*	
23 07 19 00-0039	LF	4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	30.32	4.39
		For Work In Restricted Working Space, Add	*3.29*	
23 07 19 00-0040	LF	6" Diameter Pipe, 2" Thick Calcium Silicate Insulation	37.30	5.26
		For Work In Restricted Working Space, Add	*3.95*	
23 07 19 00-0041	LF	8" Diameter Pipe, 2" Thick Calcium Silicate Insulation	42.63	5.56
		For Work In Restricted Working Space, Add	*4.17*	
23 07 19 00-0042	LF	10" Diameter Pipe, 2" Thick Calcium Silicate Insulation	52.73	6.65
		For Work In Restricted Working Space, Add	*4.99*	
23 07 19 00-0043	LF	12" Diameter Pipe, 2" Thick Calcium Silicate Insulation	60.03	7.97
		For Work In Restricted Working Space, Add	*5.98*	
23 07 19 00-0044	LF	14" Diameter Pipe, 2" Thick Calcium Silicate Insulation	71.90	11.12
		For Work In Restricted Working Space, Add	*8.34*	
23 07 19 00-0045	LF	16" Diameter Pipe, 2" Thick Calcium Silicate Insulation	76.41	11.12
		For Work In Restricted Working Space, Add	*8.34*	
23 07 19 00-0046	LF	18" Diameter Pipe, 2" Thick Calcium Silicate Insulation	82.21	11.68
		For Work In Restricted Working Space, Add	*8.75*	
23 07 19 00-0047	LF	20" Diameter Pipe, 2" Thick Calcium Silicate Insulation	98.66	13.34
		For Work In Restricted Working Space, Add	*10.01*	
23 07 19 00-0048	LF	24" Diameter Pipe, 2" Thick Calcium Silicate Insulation	114.21	16.12
		For Work In Restricted Working Space, Add	*12.09*	
23 07 19 00-0049		**2-1/2" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0050	LF	1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	23.78	4.16
		For Work In Restricted Working Space, Add	*3.13*	
23 07 19 00-0051	LF	3/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	24.38	4.16
		For Work In Restricted Working Space, Add	*3.13*	
23 07 19 00-0052	LF	1" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	24.83	4.23
		For Work In Restricted Working Space, Add	*3.18*	
23 07 19 00-0053	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	25.07	4.27
		For Work In Restricted Working Space, Add	*3.20*	
23 07 19 00-0054	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	25.80	4.30
		For Work In Restricted Working Space, Add	*3.23*	
23 07 19 00-0055	LF	2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	26.90	4.48
		For Work In Restricted Working Space, Add	*3.36*	
23 07 19 00-0056	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	30.73	4.63
		For Work In Restricted Working Space, Add	*3.47*	
23 07 19 00-0057	LF	3" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	31.13	4.79
		For Work In Restricted Working Space, Add	*3.59*	
23 07 19 00-0058	LF	4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	36.54	5.05
		For Work In Restricted Working Space, Add	*3.79*	
23 07 19 00-0059	LF	6" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	46.16	5.75
		For Work In Restricted Working Space, Add	*4.31*	
23 07 19 00-0060	LF	8" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	52.87	6.40
		For Work In Restricted Working Space, Add	*4.80*	
23 07 19 00-0061	LF	10" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	63.46	7.38
		For Work In Restricted Working Space, Add	*5.54*	
23 07 19 00-0062	LF	12" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	73.14	9.18
		For Work In Restricted Working Space, Add	*6.89*	
23 07 19 00-0063	LF	14" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	81.06	10.02
		For Work In Restricted Working Space, Add	*7.52*	
23 07 19 00-0064	LF	16" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	97.64	12.81
		For Work In Restricted Working Space, Add	*9.60*	
23 07 19 00-0065	LF	18" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	103.21	13.44
		For Work In Restricted Working Space, Add	*10.09*	
23 07 19 00-0066	LF	20" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	120.00	15.37
		For Work In Restricted Working Space, Add	*11.53*	
23 07 19 00-0067	LF	24" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	140.38	18.57
		For Work In Restricted Working Space, Add	*13.93*	
23 07 19 00-0068		**3" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0069	LF	1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	30.79	4.61
		For Work In Restricted Working Space, Add	*3.46*	
23 07 19 00-0070	LF	3/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	30.93	4.61
		For Work In Restricted Working Space, Add	*3.46*	
23 07 19 00-0071	LF	1" Diameter Pipe, 3" Thick Calcium Silicate Insulation	31.19	4.66
		For Work In Restricted Working Space, Add	*3.50*	
23 07 19 00-0072	LF	1-1/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	31.54	4.69
		For Work In Restricted Working Space, Add	*3.52*	
23 07 19 00-0073	LF	1-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	31.82	4.74
		For Work In Restricted Working Space, Add	*3.56*	
23 07 19 00-0074	LF	2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	32.89	4.92
		For Work In Restricted Working Space, Add	*3.69*	
23 07 19 00-0075	LF	2-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	36.95	5.08
		For Work In Restricted Working Space, Add	*3.81*	
23 07 19 00-0076	LF	3" Diameter Pipe, 3" Thick Calcium Silicate Insulation	37.60	5.26
		For Work In Restricted Working Space, Add	*3.95*	
23 07 19 00-0077	LF	4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	45.10	5.57
		For Work In Restricted Working Space, Add	*4.17*	
23 07 19 00-0078	LF	6" Diameter Pipe, 3" Thick Calcium Silicate Insulation	53.85	6.31
		For Work In Restricted Working Space, Add	*4.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0079	LF	8" Diameter Pipe, 3" Thick Calcium Silicate Insulation	62.93	7.04
		For Work In Restricted Working Space, Add	*5.28*	
23 07 19 00-0080	LF	10" Diameter Pipe, 3" Thick Calcium Silicate Insulation	75.04	8.12
		For Work In Restricted Working Space, Add	*6.09*	
23 07 19 00-0081	LF	12" Diameter Pipe, 3" Thick Calcium Silicate Insulation	85.79	10.09
		For Work In Restricted Working Space, Add	*7.57*	
23 07 19 00-0082	LF	14" Diameter Pipe, 3" Thick Calcium Silicate Insulation	95.46	11.02
		For Work In Restricted Working Space, Add	*8.27*	
23 07 19 00-0083	LF	16" Diameter Pipe, 3" Thick Calcium Silicate Insulation	110.24	14.09
		For Work In Restricted Working Space, Add	*10.56*	
23 07 19 00-0084	LF	18" Diameter Pipe, 3" Thick Calcium Silicate Insulation	119.35	14.79
		For Work In Restricted Working Space, Add	*11.09*	
23 07 19 00-0085	LF	20" Diameter Pipe, 3" Thick Calcium Silicate Insulation	140.26	16.91
		For Work In Restricted Working Space, Add	*12.68*	
23 07 19 00-0086	LF	24" Diameter Pipe, 3" Thick Calcium Silicate Insulation	165.39	20.43
		For Work In Restricted Working Space, Add	*15.32*	
23 07 19 00-0087		**3-1/2" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0088	LF	1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	40.25	5.05
		For Work In Restricted Working Space, Add	*3.79*	
23 07 19 00-0089	LF	3/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	42.00	5.05
		For Work In Restricted Working Space, Add	*3.79*	
23 07 19 00-0090	LF	1" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	42.08	5.08
		For Work In Restricted Working Space, Add	*3.81*	
23 07 19 00-0091	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	42.17	5.12
		For Work In Restricted Working Space, Add	*3.84*	
23 07 19 00-0092	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	43.62	5.18
		For Work In Restricted Working Space, Add	*3.89*	
23 07 19 00-0093	LF	2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	46.45	5.35
		For Work In Restricted Working Space, Add	*4.02*	
23 07 19 00-0094	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	50.78	5.55
		For Work In Restricted Working Space, Add	*4.16*	
23 07 19 00-0095	LF	3" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	52.58	5.75
		For Work In Restricted Working Space, Add	*4.31*	
23 07 19 00-0096	LF	4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	60.48	6.07
		For Work In Restricted Working Space, Add	*4.55*	
23 07 19 00-0097	LF	6" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	67.34	6.90
		For Work In Restricted Working Space, Add	*5.17*	
23 07 19 00-0098	LF	8" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	82.89	7.67
		For Work In Restricted Working Space, Add	*5.76*	
23 07 19 00-0099	LF	10" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	101.30	8.86
		For Work In Restricted Working Space, Add	*6.65*	
23 07 19 00-0100	LF	12" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	122.29	11.01
		For Work In Restricted Working Space, Add	*8.26*	
23 07 19 00-0101	LF	14" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	128.31	12.02
		For Work In Restricted Working Space, Add	*9.02*	
23 07 19 00-0102	LF	16" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	147.96	15.37
		For Work In Restricted Working Space, Add	*11.53*	
23 07 19 00-0103	LF	18" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	171.84	16.13
		For Work In Restricted Working Space, Add	*12.10*	
23 07 19 00-0104	LF	20" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	184.15	18.45
		For Work In Restricted Working Space, Add	*13.84*	
23 07 19 00-0105		**4" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0106	LF	1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	51.13	5.62
		For Work In Restricted Working Space, Add	*4.21*	
23 07 19 00-0107	LF	3/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	51.19	5.62
		For Work In Restricted Working Space, Add	*4.21*	
23 07 19 00-0108	LF	1" Diameter Pipe, 4" Thick Calcium Silicate Insulation	51.44	5.71
		For Work In Restricted Working Space, Add	*4.28*	
23 07 19 00-0109	LF	1-1/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	52.96	5.78
		For Work In Restricted Working Space, Add	*4.33*	
23 07 19 00-0110	LF	1-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	56.28	5.96
		For Work In Restricted Working Space, Add	*4.47*	
23 07 19 00-0111	LF	2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	57.38	6.14
		For Work In Restricted Working Space, Add	*4.61*	
23 07 19 00-0112	LF	2-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	63.25	6.24
		For Work In Restricted Working Space, Add	*4.68*	
23 07 19 00-0113	LF	3" Diameter Pipe, 4" Thick Calcium Silicate Insulation	65.01	6.46
		For Work In Restricted Working Space, Add	*4.85*	
23 07 19 00-0114	LF	4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	74.44	6.83
		For Work In Restricted Working Space, Add	*5.12*	
23 07 19 00-0115	LF	6" Diameter Pipe, 4" Thick Calcium Silicate Insulation	86.30	7.74
		For Work In Restricted Working Space, Add	*5.81*	
23 07 19 00-0116	LF	8" Diameter Pipe, 4" Thick Calcium Silicate Insulation	103.56	8.64
		For Work In Restricted Working Space, Add	*6.48*	
23 07 19 00-0117	LF	10" Diameter Pipe, 4" Thick Calcium Silicate Insulation	119.21	9.97
		For Work In Restricted Working Space, Add	*7.49*	
23 07 19 00-0118	LF	12" Diameter Pipe, 4" Thick Calcium Silicate Insulation	134.48	12.39
		For Work In Restricted Working Space, Add	*9.29*	
23 07 19 00-0119	LF	14" Diameter Pipe, 4" Thick Calcium Silicate Insulation	142.58	13.53
		For Work In Restricted Working Space, Add	*10.15*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0120	LF	16" Diameter Pipe, 4" Thick Calcium Silicate Insulation	167.25	17.30
		For Work In Restricted Working Space, Add	*12.98*	
23 07 19 00-0121	LF	18" Diameter Pipe, 4" Thick Calcium Silicate Insulation	178.20	18.14
		For Work In Restricted Working Space, Add	*13.60*	
23 07 19 00-0122	LF	20" Diameter Pipe, 4" Thick Calcium Silicate Insulation	196.37	20.75
		For Work In Restricted Working Space, Add	*15.57*	
23 07 19 00-0123		Weather-Protective Coating For Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*		
23 07 19 00-0124	SF	1/4" Thick (Two 1/8" Coats), Weatherproof Coating Over Glass Cloth Mesh (Insulkote ET)	5.23	
		For Work In Restricted Working Space, Add	*0.89*	

23 08 Commissioning of HVAC *(23)*

See CSI section 23 05 93 00-0000 for testing and balancing.

23 09 Instrumentation and Control for HVAC *(23)*

23 09 23 Direct-Digital Control System for HVAC *(23 09)*

23 09 23 11 Control Valves *(23 09 23)*

23 09 23 11-0001 Valves With Actuator *(23 09 23 11)*

23 09 23 11-0002	EA	1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G215+NV24-MFT US)	781.87	14.00
23 09 23 11-0003	EA	3/4" 2-Way Bronze Globe Valve With Actuator (Belimo G220+NV24-MFT US)	806.28	18.87
23 09 23 11-0004	EA	1" 2-Way Bronze Globe Valve With Actuator (Belimo B225+NV24-MFT US)	881.31	22.85
23 09 23 11-0005	EA	1-1/4" 2-Way Bronze Globe Valve With Actuator (Belimo B232+NV24-MFT US)	959.62	28.93
23 09 23 11-0006	EA	1-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G240+NV24-MFT US)	1,092.87	33.39
23 09 23 11-0007	EA	2" 2-Way Bronze Globe Valve With Actuator (Belimo G250+NV24-MFT US)	1,234.24	39.45
23 09 23 11-0008	EA	2-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G665+GMX24-MFTX1)	2,305.61	78.91
23 09 23 11-0009	EA	3" 2-Way Bronze Globe Valve With Actuator (Belimo G680+GMX24-MFTX1)	2,495.90	92.34
23 09 23 11-0010	EA	4" 2-Way Bronze Globe Valve With Actuator (Belimo G6100C+GMX24-MFTX1)	3,363.20	135.63
23 09 23 11-0011	EA	5" 2-Way Bronze Globe Valve With Actuator (Belimo G6125C+GMX24-MFTX1)	4,948.86	196.01
23 09 23 11-0012	EA	6" 2-Way Bronze Globe Valve With Actuator (Belimo G6150C+GMX24-MFTX1)	5,481.66	217.01
23 09 23 11-0013	EA	1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G315+NV24-MFT US)	838.06	21.00
23 09 23 11-0014	EA	3/4" 3-Way Bronze Globe Valve With Actuator (Belimo G320+NV24-MFT US)	860.38	28.31
23 09 23 11-0015	EA	1" 3-Way Bronze Globe Valve With Actuator (Belimo G325+NV24-MFT US)	930.21	34.26
23 09 23 11-0016	EA	1-1/4" 3-Way Bronze Globe Valve With Actuator (Belimo G332+NV24-MFT US)	1,028.37	43.41
23 09 23 11-0017	EA	1-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G340+NV24-MFT US)	1,323.86	50.08
23 09 23 11-0018	EA	2" 3-Way Bronze Globe Valve With Actuator (Belimo G350+NV24-MFT US)	1,466.68	59.18
23 09 23 11-0019	EA	2-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G765+GMX24-MFTX1)	2,583.34	118.37
23 09 23 11-0020	EA	3" 3-Way Bronze Globe Valve With Actuator (Belimo G780+GMX24-MFTX1)	2,835.19	138.51
23 09 23 11-0021	EA	4" 3-Way Bronze Globe Valve With Actuator (Belimo G7100+2*GMX24-MFTX1)	4,124.84	203.44
23 09 23 11-0022	EA	5" 3-Way Bronze Globe Valve With Actuator (Belimo G7125+2*GMX24-MFTX1)	5,983.51	294.00
23 09 23 11-0023	EA	6" 3-Way Bronze Globe Valve With Actuator (Belimo G7150+2*GMX24-MFTX1)	6,652.43	325.51
23 09 23 11-0024	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE215N-35+ZONE24NC)	121.61	14.00
23 09 23 11-0025	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE220N-50+ZONE24NC)	143.51	18.87
23 09 23 11-0026	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE225N-80+ZONE24NC)	180.77	22.85
23 09 23 11-0027	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE315N-35+ZONE24NC)	148.85	21.00
23 09 23 11-0028	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE320N-50+ZONE24NC)	174.05	28.31
23 09 23 11-0029	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE325N-80+ZONE24NC)	217.65	34.26
23 09 23 11-0030	EA	1/2" 2-Way Brass Ball Valve With Actuator (Belimo B215B+LRB24-3)	202.18	14.00
23 09 23 11-0031	EA	3/4" 2-Way Brass Ball Valve With Actuator (Belimo B220B+LRB24-3)	239.73	18.87
23 09 23 11-0032	EA	1" 2-Way Brass Ball Valve With Actuator (Belimo B225+LRB24-3)	272.73	22.85
23 09 23 11-0033	EA	1-1/4" 2-Way Brass Ball Valve With Actuator (Belimo B232+ARB24-3)	354.81	28.93
23 09 23 11-0034	EA	1-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B240+ARB24-3)	367.10	33.39
23 09 23 11-0035	EA	2" 2-Way Brass Ball Valve With Actuator (Belimo B250+ARB24-3)	467.60	39.45
23 09 23 11-0036	EA	2-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B265+ARB24-3)	1,004.36	78.91
23 09 23 11-0037	EA	3" 2-Way Brass Ball Valve With Actuator (Belimo B280+ARB24-3)	1,179.20	92.34
23 09 23 11-0038	EA	1/2" 3-Way Brass Ball Valve With Actuator (Belimo B315B+LRB24-3)	245.07	21.00
23 09 23 11-0039	EA	3/4" 3-Way Brass Ball Valve With Actuator (Belimo B320B+LRB24-3)	283.49	28.31
23 09 23 11-0040	EA	1" 3-Way Brass Ball Valve With Actuator (Belimo B325+LRB24-3)	365.83	34.26
23 09 23 11-0041	EA	1-1/4" 3-Way Brass Ball Valve With Actuator (Belimo B331+ARB24-3)	518.96	43.41
23 09 23 11-0042	EA	1-1/2" 3-Way Brass Ball Valve With Actuator (Belimo B341+ARB24-3)	547.17	50.08
23 09 23 11-0043	EA	2" 3-Way Brass Ball Valve With Actuator (Belimo B352+ARB24-3)	725.02	59.18
23 09 23 11-0044	EA	2" 2-Way Butterfly Valve With Actuator (Belimo F650HD+AMB24-3X1)	592.46	72.33
23 09 23 11-0045	EA	2-1/2" 2-Way Butterfly Valve With Actuator (Belimo F665HD+AMB24-3X1)	622.15	78.91
23 09 23 11-0046	EA	3" 2-Way Butterfly Valve With Actuator (Belimo F680HD+GMB24-3X1)	817.73	92.34
23 09 23 11-0047	EA	4" 2-Way Butterfly Valve With Actuator (Belimo F6100HD+2*GMB24-3X1)	1,248.80	155.00
23 09 23 11-0048	EA	5" 2-Way Butterfly Valve With Actuator (Belimo F6125HD+SY2-24)	2,512.36	196.01
23 09 23 11-0049	EA	6" 2-Way Butterfly Valve With Actuator (Belimo F6150HD+SY3-24)	2,650.75	217.01
23 09 23 11-0050	EA	8" 2-Way Butterfly Valve With Actuator (Belimo F6200HD+SY4-24)	3,605.10	248.01
23 09 23 11-0051	EA	10" 2-Way Butterfly Valve With Actuator (Belimo F6250HD+SY4-24)	4,423.14	303.81
23 09 23 11-0052	EA	12" 2-Way Butterfly Valve With Actuator (Belimo F6300HS+SY4-24)	5,466.29	368.25
23 09 23 11-0053	EA	14" 2-Way Butterfly Valve With Actuator (Belimo F6350HD+SY5-24)	6,074.58	434.00
23 09 23 11-0054	EA	16" 2-Way Butterfly Valve With Actuator (Belimo F6400HD+SY6-110)	8,032.47	477.41
23 09 23 11-0055	EA	18" 2-Way Butterfly Valve With Actuator (Belimo F6450HD+SY8-110)	9,734.63	530.36
23 09 23 11-0056	EA	2" 3-Way Butterfly Valve With Actuator (Belimo F750HD+AMB24-3X1)	1,094.50	108.50
23 09 23 11-0057	EA	2-1/2" 3-Way Butterfly Valve With Actuator (Belimo F765HD+GMB24-3X1)	1,289.22	118.37
23 09 23 11-0058	EA	3" 3-Way Butterfly Valve With Actuator (Belimo F780HD+2*GMB24-3X1)	1,591.51	138.51
23 09 23 11-0059	EA	4" 3-Way Butterfly Valve With Actuator (Belimo F7100HD+2*GMB24-3X1)	2,042.09	232.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 11-0060	EA	5" 3-Way Butterfly Valve With Actuator (Belimo F7125HD+SY3-24)	4,181.30	294.00
23 09 23 11-0061	EA	6" 3-Way Butterfly Valve With Actuator (Belimo F7150HD+SY3-24)	4,329.23	325.51
23 09 23 11-0062	EA	8" 3-Way Butterfly Valve With Actuator (Belimo F7200HD+SY4-24)	5,457.30	372.05
23 09 23 11-0063	EA	10" 3-Way Butterfly Valve With Actuator (Belimo F7250HD+SY4-24)	7,223.59	455.71
23 09 23 11-0064	EA	12" 3-Way Butterfly Valve With Actuator (Belimo F7300HD+SY5-24)	8,780.23	552.38
23 09 23 11-0065	EA	14" 3-Way Butterfly Valve With Actuator (Belimo F7350HD+SY6-110)	13,701.04	651.01
23 09 23 11-0066	EA	16" 3-Way Butterfly Valve With Actuator (Belimo F7400HD+SY7-110)	15,277.34	716.11
23 09 23 11-0067	EA	18" 3-Way Butterfly Valve With Actuator (Belimo F7450HD+SY8-110)	23,512.23	795.54
23 09 23 11-0068		Valve Actuators *(23 09 23 11)*		
23 09 23 11-0069	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-T)	418.75	89.64
23 09 23 11-0070	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 95 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3)	425.06	89.64
23 09 23 11-0071	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR-T)	546.25	89.64
23 09 23 11-0072	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-S)	477.54	89.64
23 09 23 11-0073	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR)	486.75	89.64
23 09 23 11-0074	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT)	547.30	89.64
23 09 23 11-0075	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-1)	698.75	89.64
23 09 23 11-0076	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT95)	714.30	89.64
23 09 23 11-0077	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-MFT)	751.81	89.64
23 09 23 11-0078	EA	120 Volt AC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-3)	530.36	89.64
23 09 23 11-0079	EA	120 Volt AC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-SR)	609.06	89.64
23 09 23 11-0080	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-T)	517.30	89.64
23 09 23 11-0081	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3)	526.54	89.64
23 09 23 11-0082	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARB24-3-5-14)	530.00	89.64
23 09 23 11-0083	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-S)	592.83	89.64
23 09 23 11-0084	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T)	619.93	89.64
23 09 23 11-0085	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR)	634.33	89.64
23 09 23 11-0086	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, Variable Run Time (90 To 350 Seconds), 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT)	631.46	89.64
23 09 23 11-0087	EA	24 Volt AC/DC Power Supply, Phasecut Control Input, 95 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-PC)	640.68	89.64
23 09 23 11-0088	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT95)	640.10	89.64
23 09 23 11-0089	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, NEMA 4X, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T N4)	699.89	89.64
23 09 23 11-0090	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, NEMA 4X, Variable Run Time (75 To 350 Seconds), 160 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT-T N4)	851.11	89.64
23 09 23 11-0091	EA	100-240 Volt AC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-3)	561.69	89.64
23 09 23 11-0092	EA	100-240 Volt AC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-SR)	672.40	89.64
23 09 23 11-0093	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 15 Seconds Run Time, 801 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY2-24)	1,540.59	89.64
23 09 23 11-0094	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 1,335 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY3-24)	1,729.67	89.64
23 09 23 11-0095	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 16 Seconds Run Time, 3,560 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY4-24)	2,079.60	89.64
23 09 23 11-0096	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 4,450 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY5-24)	2,358.04	89.64
23 09 23 11-0097	EA	120 Volt AC Power Supply, On/Off Control Input, 28 Seconds Run Time, 5,785 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY6-110)	2,794.45	89.64
23 09 23 11-0098	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 8,900 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY7-110)	3,294.86	89.64
23 09 23 11-0099	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 13,350 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY8-110)	4,445.54	89.64
23 09 23 11-0100	EA	120 Volt AC Power Supply, On/Off Control Input, 58 Seconds Run Time, 17,800 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY9-110)	5,430.75	89.64
23 09 23 12		**Control Dampers** *(23 09 23)*		
23 09 23 12-0001		Rectangular Volume Control Dampers (Ruskin) *(23 09 23 12)* Note: Excludes actuators.		
23 09 23 12-0002		Rectangular Volume Control Dampers (Ruskin CD36) *(23 09 23 12-0001)*		
23 09 23 12-0003	EA	8" x 8" Volume Control Damper (Ruskin CD36)	152.41	40.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0004	EA	8" x 12" Volume Control Damper (Ruskin CD36)	162.59	40.59
23 09 23 12-0005	EA	8" x 16" Volume Control Damper (Ruskin CD36)	174.88	40.59
23 09 23 12-0006	EA	8" x 20" Volume Control Damper (Ruskin CD36)	230.35	54.13
23 09 23 12-0007	EA	8" x 24" Volume Control Damper (Ruskin CD36)	248.58	54.13
23 09 23 12-0008	EA	8" x 28" Volume Control Damper (Ruskin CD36)	258.76	54.13
23 09 23 12-0009	EA	8" x 32" Volume Control Damper (Ruskin CD36)	285.47	54.13
23 09 23 12-0010	EA	8" x 36" Volume Control Damper (Ruskin CD36)	338.83	67.66
23 09 23 12-0011	EA	12" x 8" Volume Control Damper (Ruskin CD36)	162.59	40.59
23 09 23 12-0012	EA	12" x 12" Volume Control Damper (Ruskin CD36)	168.52	40.59
23 09 23 12-0013	EA	12" x 16" Volume Control Damper (Ruskin CD36)	207.88	54.13
23 09 23 12-0014	EA	12" x 20" Volume Control Damper (Ruskin CD36)	236.28	54.13
23 09 23 12-0015	EA	12" x 24" Volume Control Damper (Ruskin CD36)	282.01	67.66
23 09 23 12-0016	EA	12" x 28" Volume Control Damper (Ruskin CD36)	292.19	67.66
23 09 23 12-0017	EA	12" x 32" Volume Control Damper (Ruskin CD36)	318.47	67.66
23 09 23 12-0018	EA	12" x 36" Volume Control Damper (Ruskin CD36)	371.82	81.18
23 09 23 12-0019	EA	16" x 8" Volume Control Damper (Ruskin CD36)	174.88	40.59
23 09 23 12-0020	EA	16" x 12" Volume Control Damper (Ruskin CD36)	215.93	54.13
23 09 23 12-0021	EA	16" x 16" Volume Control Damper (Ruskin CD36)	216.36	54.13
23 09 23 12-0022	EA	16" x 20" Volume Control Damper (Ruskin CD36)	269.71	67.66
23 09 23 12-0023	EA	16" x 24" Volume Control Damper (Ruskin CD36)	290.07	67.66
23 09 23 12-0024	EA	16" x 28" Volume Control Damper (Ruskin CD36)	331.12	81.18
23 09 23 12-0025	EA	16" x 32" Volume Control Damper (Ruskin CD36)	353.59	81.18
23 09 23 12-0026	EA	16" x 36" Volume Control Damper (Ruskin CD36)	378.18	81.18
23 09 23 12-0027	EA	20" x 8" Volume Control Damper (Ruskin CD36)	230.35	54.13
23 09 23 12-0028	EA	20" x 12" Volume Control Damper (Ruskin CD36)	204.06	54.13
23 09 23 12-0029	EA	20" x 16" Volume Control Damper (Ruskin CD36)	249.36	67.66
23 09 23 12-0030	EA	20" x 20" Volume Control Damper (Ruskin CD36)	275.65	67.66
23 09 23 12-0031	EA	20" x 24" Volume Control Damper (Ruskin CD36)	319.25	81.18
23 09 23 12-0032	EA	20" x 28" Volume Control Damper (Ruskin CD36)	343.41	81.18
23 09 23 12-0033	EA	20" x 32" Volume Control Damper (Ruskin CD36)	391.25	94.71
23 09 23 12-0034	EA	20" x 36" Volume Control Damper (Ruskin CD36)	413.30	94.71
23 09 23 12-0035	EA	24" x 8" Volume Control Damper (Ruskin CD36)	204.06	54.13
23 09 23 12-0036	EA	24" x 12" Volume Control Damper (Ruskin CD36)	237.07	67.66
23 09 23 12-0037	EA	24" x 16" Volume Control Damper (Ruskin CD36)	255.30	67.66
23 09 23 12-0038	EA	24" x 20" Volume Control Damper (Ruskin CD36)	310.77	81.18
23 09 23 12-0039	EA	24" x 24" Volume Control Damper (Ruskin CD36)	329.42	81.18
23 09 23 12-0040	EA	24" x 28" Volume Control Damper (Ruskin CD36)	378.53	94.71
23 09 23 12-0041	EA	24" x 32" Volume Control Damper (Ruskin CD36)	405.24	94.71
23 09 23 12-0042	EA	24" x 36" Volume Control Damper (Ruskin CD36)	425.59	94.71
23 09 23 12-0043	EA	28" x 8" Volume Control Damper (Ruskin CD36)	207.88	54.13
23 09 23 12-0044	EA	28" x 12" Volume Control Damper (Ruskin CD36)	241.31	67.66
23 09 23 12-0045	EA	28" x 16" Volume Control Damper (Ruskin CD36)	284.48	81.18
23 09 23 12-0046	EA	28" x 20" Volume Control Damper (Ruskin CD36)	317.13	81.18
23 09 23 12-0047	EA	28" x 24" Volume Control Damper (Ruskin CD36)	360.30	94.71
23 09 23 12-0048	EA	28" x 28" Volume Control Damper (Ruskin CD36)	384.89	94.71
23 09 23 12-0049	EA	28" x 32" Volume Control Damper (Ruskin CD36)	407.36	94.71
23 09 23 12-0050	EA	28" x 36" Volume Control Damper (Ruskin CD36)	437.89	94.71
23 09 23 12-0051	EA	32" x 8" Volume Control Damper (Ruskin CD36)	210.00	54.13
23 09 23 12-0052	EA	32" x 12" Volume Control Damper (Ruskin CD36)	243.00	67.66
23 09 23 12-0053	EA	32" x 16" Volume Control Damper (Ruskin CD36)	290.41	81.18
23 09 23 12-0054	EA	32" x 20" Volume Control Damper (Ruskin CD36)	346.31	94.71
23 09 23 12-0055	EA	32" x 24" Volume Control Damper (Ruskin CD36)	370.47	94.71
23 09 23 12-0056	EA	32" x 28" Volume Control Damper (Ruskin CD36)	392.95	94.71
23 09 23 12-0057	EA	32" x 32" Volume Control Damper (Ruskin CD36)	417.54	94.71
23 09 23 12-0058	EA	32" x 36" Volume Control Damper (Ruskin CD36)	473.00	108.24
23 09 23 12-0059	EA	36" x 8" Volume Control Damper (Ruskin CD36)	245.12	67.66
23 09 23 12-0060	EA	36" x 12" Volume Control Damper (Ruskin CD36)	278.54	81.18
23 09 23 12-0061	EA	36" x 16" Volume Control Damper (Ruskin CD36)	296.77	81.18
23 09 23 12-0062	EA	36" x 20" Volume Control Damper (Ruskin CD36)	352.24	94.71
23 09 23 12-0063	EA	36" x 24" Volume Control Damper (Ruskin CD36)	378.53	94.71
23 09 23 12-0064	EA	36" x 28" Volume Control Damper (Ruskin CD36)	405.24	94.71
23 09 23 12-0065	EA	36" x 32" Volume Control Damper (Ruskin CD36)	452.65	108.24
23 09 23 12-0066	EA	36" x 36" Volume Control Damper (Ruskin CD36)	481.06	108.24
23 09 23 12-0067	EA	36" x 40" Volume Control Damper (Ruskin CD36)	505.65	108.24
23 09 23 12-0068	EA	36" x 44" Volume Control Damper (Ruskin CD36)	531.94	108.24
23 09 23 12-0069	EA	36" x 48" Volume Control Damper (Ruskin CD36)	554.41	108.24
23 09 23 12-0070	EA	36" x 52" Volume Control Damper (Ruskin CD36)	580.70	108.24
23 09 23 12-0071	EA	36" x 56" Volume Control Damper (Ruskin CD36)	607.41	108.24
23 09 23 12-0072	EA	36" x 60" Volume Control Damper (Ruskin CD36)	629.46	108.24
23 09 23 12-0073	EA	36" x 64" Volume Control Damper (Ruskin CD36)	659.98	108.24
23 09 23 12-0074	EA	36" x 68" Volume Control Damper (Ruskin CD36)	711.63	121.77
23 09 23 12-0075	EA	36" x 72" Volume Control Damper (Ruskin CD36)	756.58	121.77
23 09 23 12-0076	EA	36" x 76" Volume Control Damper (Ruskin CD36)	893.95	121.77
23 09 23 12-0077	EA	36" x 80" Volume Control Damper (Ruskin CD36)	893.95	121.77
23 09 23 12-0078	EA	36" x 84" Volume Control Damper (Ruskin CD36)	953.31	121.77
23 09 23 12-0079	EA	40" x 40" Volume Control Damper (Ruskin CD36)	515.83	108.24
23 09 23 12-0080	EA	40" x 44" Volume Control Damper (Ruskin CD36)	542.11	108.24
23 09 23 12-0081	EA	40" x 48" Volume Control Damper (Ruskin CD36)	568.40	108.24
23 09 23 12-0082	EA	40" x 52" Volume Control Damper (Ruskin CD36)	597.23	108.24
23 09 23 12-0083	EA	40" x 56" Volume Control Damper (Ruskin CD36)	621.40	108.24
23 09 23 12-0084	EA	40" x 60" Volume Control Damper (Ruskin CD36)	670.93	121.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0085	EA	40" x 64" Volume Control Damper (Ruskin CD36)	701.46	121.77
23 09 23 12-0086	EA	40" x 68" Volume Control Damper (Ruskin CD36)	729.87	121.77
23 09 23 12-0087	EA	40" x 72" Volume Control Damper (Ruskin CD36)	772.69	121.77
23 09 23 12-0088	EA	40" x 76" Volume Control Damper (Ruskin CD36)	916.85	121.77
23 09 23 12-0089	EA	40" x 80" Volume Control Damper (Ruskin CD36)	916.85	121.77
23 09 23 12-0090	EA	40" x 84" Volume Control Damper (Ruskin CD36)	976.20	121.77
23 09 23 12-0091	EA	44" x 40" Volume Control Damper (Ruskin CD36)	527.70	108.24
23 09 23 12-0092	EA	44" x 44" Volume Control Damper (Ruskin CD36)	554.41	108.24
23 09 23 12-0093	EA	44" x 48" Volume Control Damper (Ruskin CD36)	580.70	108.24
23 09 23 12-0094	EA	44" x 52" Volume Control Damper (Ruskin CD36)	609.10	108.24
23 09 23 12-0095	EA	44" x 56" Volume Control Damper (Ruskin CD36)	660.76	121.77
23 09 23 12-0096	EA	44" x 60" Volume Control Damper (Ruskin CD36)	689.16	121.77
23 09 23 12-0097	EA	44" x 64" Volume Control Damper (Ruskin CD36)	715.87	121.77
23 09 23 12-0098	EA	44" x 68" Volume Control Damper (Ruskin CD36)	748.10	121.77
23 09 23 12-0099	EA	44" x 72" Volume Control Damper (Ruskin CD36)	790.92	121.77
23 09 23 12-0100	EA	44" x 76" Volume Control Damper (Ruskin CD36)	943.98	121.77
23 09 23 12-0101	EA	44" x 80" Volume Control Damper (Ruskin CD36)	943.98	121.77
23 09 23 12-0102	EA	44" x 84" Volume Control Damper (Ruskin CD36)	1,030.82	135.31
23 09 23 12-0103	EA	40" x 40" Volume Control Damper (Ruskin CD36)	515.83	108.24
23 09 23 12-0104	EA	40" x 44" Volume Control Damper (Ruskin CD36)	542.11	108.24
23 09 23 12-0105	EA	40" x 48" Volume Control Damper (Ruskin CD36)	568.40	108.24
23 09 23 12-0106	EA	40" x 52" Volume Control Damper (Ruskin CD36)	597.23	108.24
23 09 23 12-0107	EA	40" x 56" Volume Control Damper (Ruskin CD36)	621.40	108.24
23 09 23 12-0108	EA	40" x 60" Volume Control Damper (Ruskin CD36)	670.93	121.77
23 09 23 12-0109	EA	40" x 64" Volume Control Damper (Ruskin CD36)	701.46	121.77
23 09 23 12-0110	EA	40" x 68" Volume Control Damper (Ruskin CD36)	729.87	121.77
23 09 23 12-0111	EA	40" x 72" Volume Control Damper (Ruskin CD36)	772.69	121.77
23 09 23 12-0112	EA	40" x 76" Volume Control Damper (Ruskin CD36)	916.85	121.77
23 09 23 12-0113	EA	40" x 80" Volume Control Damper (Ruskin CD36)	916.85	121.77
23 09 23 12-0114	EA	40" x 84" Volume Control Damper (Ruskin CD36)	976.20	121.77
23 09 23 12-0115	EA	44" x 40" Volume Control Damper (Ruskin CD36)	527.70	108.24
23 09 23 12-0116	EA	44" x 44" Volume Control Damper (Ruskin CD36)	554.41	108.24
23 09 23 12-0117	EA	44" x 48" Volume Control Damper (Ruskin CD36)	580.70	108.24
23 09 23 12-0118	EA	44" x 52" Volume Control Damper (Ruskin CD36)	609.10	108.24
23 09 23 12-0119	EA	44" x 56" Volume Control Damper (Ruskin CD36)	660.76	121.77
23 09 23 12-0120	EA	44" x 60" Volume Control Damper (Ruskin CD36)	689.16	121.77
23 09 23 12-0121	EA	44" x 64" Volume Control Damper (Ruskin CD36)	715.87	121.77
23 09 23 12-0122	EA	44" x 68" Volume Control Damper (Ruskin CD36)	748.10	121.77
23 09 23 12-0123	EA	44" x 72" Volume Control Damper (Ruskin CD36)	790.92	121.77
23 09 23 12-0124	EA	44" x 76" Volume Control Damper (Ruskin CD36)	943.98	121.77
23 09 23 12-0125	EA	44" x 80" Volume Control Damper (Ruskin CD36)	943.98	121.77
23 09 23 12-0126	EA	44" x 84" Volume Control Damper (Ruskin CD36)	1,030.82	135.31
23 09 23 12-0127	EA	48" x 40" Volume Control Damper (Ruskin CD36)	539.99	108.24
23 09 23 12-0128	EA	48" x 44" Volume Control Damper (Ruskin CD36)	566.71	108.24
23 09 23 12-0129	EA	48" x 48" Volume Control Damper (Ruskin CD36)	595.11	108.24
23 09 23 12-0130	EA	48" x 52" Volume Control Damper (Ruskin CD36)	650.58	121.77
23 09 23 12-0131	EA	48" x 56" Volume Control Damper (Ruskin CD36)	676.87	121.77
23 09 23 12-0132	EA	48" x 60" Volume Control Damper (Ruskin CD36)	701.46	121.77
23 09 23 12-0133	EA	48" x 64" Volume Control Damper (Ruskin CD36)	731.99	121.77
23 09 23 12-0134	EA	48" x 68" Volume Control Damper (Ruskin CD36)	762.51	121.77
23 09 23 12-0135	EA	48" x 72" Volume Control Damper (Ruskin CD36)	811.27	121.77
23 09 23 12-0136	EA	48" x 76" Volume Control Damper (Ruskin CD36)	998.60	135.31
23 09 23 12-0137	EA	48" x 80" Volume Control Damper (Ruskin CD36)	998.60	135.31
23 09 23 12-0138	EA	48" x 84" Volume Control Damper (Ruskin CD36)	1,058.38	135.31
23 09 23 12-0139	EA	52" x 40" Volume Control Damper (Ruskin CD36)	827.04	108.24
23 09 23 12-0140	EA	52" x 44" Volume Control Damper (Ruskin CD36)	867.74	108.24
23 09 23 12-0141	EA	52" x 48" Volume Control Damper (Ruskin CD36)	957.97	121.77
23 09 23 12-0142	EA	52" x 52" Volume Control Damper (Ruskin CD36)	1,014.79	121.77
23 09 23 12-0143	EA	52" x 56" Volume Control Damper (Ruskin CD36)	1,055.49	121.77
23 09 23 12-0144	EA	52" x 60" Volume Control Damper (Ruskin CD36)	1,102.55	121.77
23 09 23 12-0145	EA	52" x 64" Volume Control Damper (Ruskin CD36)	1,163.61	121.77
23 09 23 12-0146	EA	52" x 68" Volume Control Damper (Ruskin CD36)	1,228.48	121.77
23 09 23 12-0147	EA	52" x 72" Volume Control Damper (Ruskin CD36)	1,333.13	135.31
23 09 23 12-0148	EA	52" x 76" Volume Control Damper (Ruskin CD36)	1,479.41	135.31
23 09 23 12-0149	EA	52" x 80" Volume Control Damper (Ruskin CD36)	1,479.83	135.31
23 09 23 12-0150	EA	52" x 84" Volume Control Damper (Ruskin CD36)	1,570.99	135.31
23 09 23 12-0151	EA	56" x 40" Volume Control Damper (Ruskin CD36)	835.09	108.24
23 09 23 12-0152	EA	56" x 44" Volume Control Damper (Ruskin CD36)	909.21	121.77
23 09 23 12-0153	EA	56" x 48" Volume Control Damper (Ruskin CD36)	970.27	121.77
23 09 23 12-0154	EA	56" x 52" Volume Control Damper (Ruskin CD36)	1,021.15	121.77
23 09 23 12-0155	EA	56" x 56" Volume Control Damper (Ruskin CD36)	1,067.79	121.77
23 09 23 12-0156	EA	56" x 60" Volume Control Damper (Ruskin CD36)	1,120.79	121.77
23 09 23 12-0157	EA	56" x 64" Volume Control Damper (Ruskin CD36)	1,179.72	121.77
23 09 23 12-0158	EA	56" x 68" Volume Control Damper (Ruskin CD36)	1,280.13	135.31
23 09 23 12-0159	EA	56" x 72" Volume Control Damper (Ruskin CD36)	1,361.54	135.31
23 09 23 12-0160	EA	56" x 76" Volume Control Damper (Ruskin CD36)	1,479.41	135.31
23 09 23 12-0161	EA	56" x 80" Volume Control Damper (Ruskin CD36)	1,479.41	135.31
23 09 23 12-0162	EA	56" x 84" Volume Control Damper (Ruskin CD36)	1,570.99	135.31
23 09 23 12-0163	EA	60" x 40" Volume Control Damper (Ruskin CD36)	874.45	121.77
23 09 23 12-0164	EA	60" x 44" Volume Control Damper (Ruskin CD36)	927.45	121.77
23 09 23 12-0165	EA	60" x 48" Volume Control Damper (Ruskin CD36)	986.38	121.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0166	EA	60" x 52" Volume Control Damper (Ruskin CD36)	1,039.38	121.77
23 09 23 12-0167	EA	60" x 56" Volume Control Damper (Ruskin CD36)	1,096.19	121.77
23 09 23 12-0168	EA	60" x 60" Volume Control Damper (Ruskin CD36)	1,139.02	121.77
23 09 23 12-0169	EA	60" x 64" Volume Control Damper (Ruskin CD36)	1,225.01	135.31
23 09 23 12-0170	EA	60" x 68" Volume Control Damper (Ruskin CD36)	1,296.24	135.31
23 09 23 12-0171	EA	60" x 72" Volume Control Damper (Ruskin CD36)	1,389.94	135.31
23 09 23 12-0172	EA	60" x 76" Volume Control Damper (Ruskin CD36)	1,525.20	135.31
23 09 23 12-0173	EA	60" x 80" Volume Control Damper (Ruskin CD36)	1,525.20	135.31
23 09 23 12-0174	EA	60" x 84" Volume Control Damper (Ruskin CD36)	1,644.34	135.31
23 09 23 12-0175	EA	64" x 40" Volume Control Damper (Ruskin CD36)	886.74	121.77
23 09 23 12-0176	EA	64" x 44" Volume Control Damper (Ruskin CD36)	945.68	121.77
23 09 23 12-0177	EA	64" x 48" Volume Control Damper (Ruskin CD36)	1,002.49	121.77
23 09 23 12-0178	EA	64" x 52" Volume Control Damper (Ruskin CD36)	1,053.37	121.77
23 09 23 12-0179	EA	64" x 56" Volume Control Damper (Ruskin CD36)	1,110.61	121.77
23 09 23 12-0180	EA	64" x 60" Volume Control Damper (Ruskin CD36)	1,184.31	135.31
23 09 23 12-0181	EA	64" x 64" Volume Control Damper (Ruskin CD36)	1,241.55	135.31
23 09 23 12-0182	EA	64" x 68" Volume Control Damper (Ruskin CD36)	1,310.66	135.31
23 09 23 12-0183	EA	64" x 72" Volume Control Damper (Ruskin CD36)	1,418.35	135.31
23 09 23 12-0184	EA	64" x 76" Volume Control Damper (Ruskin CD36)	1,525.20	135.31
23 09 23 12-0185	EA	64" x 80" Volume Control Damper (Ruskin CD36)	1,525.20	135.31
23 09 23 12-0186	EA	64" x 84" Volume Control Damper (Ruskin CD36)	1,671.41	148.84
23 09 23 12-0187	EA	66" x 40" Volume Control Damper (Ruskin CD36)	896.92	121.77
23 09 23 12-0188	EA	66" x 44" Volume Control Damper (Ruskin CD36)	957.97	121.77
23 09 23 12-0189	EA	66" x 48" Volume Control Damper (Ruskin CD36)	1,012.67	121.77
23 09 23 12-0190	EA	66" x 52" Volume Control Damper (Ruskin CD36)	1,067.79	121.77
23 09 23 12-0191	EA	66" x 56" Volume Control Damper (Ruskin CD36)	1,153.78	135.31
23 09 23 12-0192	EA	66" x 60" Volume Control Damper (Ruskin CD36)	1,202.54	135.31
23 09 23 12-0193	EA	66" x 64" Volume Control Damper (Ruskin CD36)	1,265.71	135.31
23 09 23 12-0194	EA	66" x 68" Volume Control Damper (Ruskin CD36)	1,328.89	135.31
23 09 23 12-0195	EA	66" x 72" Volume Control Damper (Ruskin CD36)	1,434.89	135.31
23 09 23 12-0196	EA	66" x 76" Volume Control Damper (Ruskin CD36)	1,570.99	135.31
23 09 23 12-0197	EA	66" x 80" Volume Control Damper (Ruskin CD36)	1,598.06	148.84
23 09 23 12-0198	EA	66" x 84" Volume Control Damper (Ruskin CD36)	1,717.20	148.84
23 09 23 12-0199	EA	72" x 40" Volume Control Damper (Ruskin CD36)	908.79	121.77
23 09 23 12-0200	EA	72" x 44" Volume Control Damper (Ruskin CD36)	970.27	121.77
23 09 23 12-0201	EA	72" x 48" Volume Control Damper (Ruskin CD36)	1,021.15	121.77
23 09 23 12-0202	EA	72" x 52" Volume Control Damper (Ruskin CD36)	1,109.26	135.31
23 09 23 12-0203	EA	72" x 56" Volume Control Damper (Ruskin CD36)	1,170.32	135.31
23 09 23 12-0204	EA	72" x 60" Volume Control Damper (Ruskin CD36)	1,221.20	135.31
23 09 23 12-0205	EA	72" x 64" Volume Control Damper (Ruskin CD36)	1,292.43	135.31
23 09 23 12-0206	EA	72" x 68" Volume Control Damper (Ruskin CD36)	1,347.12	135.31
23 09 23 12-0207	EA	72" x 72" Volume Control Damper (Ruskin CD36)	1,451.00	135.31
23 09 23 12-0208	EA	72" x 76" Volume Control Damper (Ruskin CD36)	1,598.06	148.84
23 09 23 12-0209	EA	72" x 80" Volume Control Damper (Ruskin CD36)	1,598.06	148.84
23 09 23 12-0210	EA	72" x 84" Volume Control Damper (Ruskin CD36)	1,717.20	148.84
23 09 23 12-0211	EA	76" x 40" Volume Control Damper (Ruskin CD36)	921.09	121.77
23 09 23 12-0212	EA	76" x 44" Volume Control Damper (Ruskin CD36)	980.44	121.77
23 09 23 12-0213	EA	76" x 48" Volume Control Damper (Ruskin CD36)	1,064.32	135.31
23 09 23 12-0214	EA	76" x 52" Volume Control Damper (Ruskin CD36)	1,125.37	135.31
23 09 23 12-0215	EA	76" x 56" Volume Control Damper (Ruskin CD36)	1,186.43	135.31
23 09 23 12-0216	EA	76" x 60" Volume Control Damper (Ruskin CD36)	1,237.31	135.31
23 09 23 12-0217	EA	76" x 64" Volume Control Damper (Ruskin CD36)	1,308.54	135.31
23 09 23 12-0218	EA	76" x 68" Volume Control Damper (Ruskin CD36)	1,377.65	135.31
23 09 23 12-0219	EA	76" x 72" Volume Control Damper (Ruskin CD36)	1,496.30	148.84
23 09 23 12-0220	EA	76" x 76" Volume Control Damper (Ruskin CD36)	1,643.85	148.84
23 09 23 12-0221	EA	76" x 80" Volume Control Damper (Ruskin CD36)	1,643.85	148.84
23 09 23 12-0222	EA	76" x 84" Volume Control Damper (Ruskin CD36)	1,762.99	148.84
23 09 23 12-0223	EA	80" x 40" Volume Control Damper (Ruskin CD36)	933.38	121.77
23 09 23 12-0224	EA	80" x 44" Volume Control Damper (Ruskin CD36)	992.32	121.77
23 09 23 12-0225	EA	80" x 48" Volume Control Damper (Ruskin CD36)	1,080.43	135.31
23 09 23 12-0226	EA	80" x 52" Volume Control Damper (Ruskin CD36)	1,147.85	135.31
23 09 23 12-0227	EA	80" x 56" Volume Control Damper (Ruskin CD36)	1,202.54	135.31
23 09 23 12-0228	EA	80" x 60" Volume Control Damper (Ruskin CD36)	1,253.42	135.31
23 09 23 12-0229	EA	80" x 64" Volume Control Damper (Ruskin CD36)	1,324.65	135.31
23 09 23 12-0230	EA	80" x 68" Volume Control Damper (Ruskin CD36)	1,417.01	148.84
23 09 23 12-0231	EA	80" x 72" Volume Control Damper (Ruskin CD36)	1,514.53	148.84
23 09 23 12-0232	EA	80" x 76" Volume Control Damper (Ruskin CD36)	1,643.85	148.84
23 09 23 12-0233	EA	80" x 80" Volume Control Damper (Ruskin CD36)	1,643.85	148.84
23 09 23 12-0234	EA	80" x 84" Volume Control Damper (Ruskin CD36)	1,762.99	148.84
23 09 23 12-0235	EA	84" x 40" Volume Control Damper (Ruskin CD36)	941.44	121.77
23 09 23 12-0236	EA	84" x 44" Volume Control Damper (Ruskin CD36)	1,029.55	135.31
23 09 23 12-0237	EA	84" x 48" Volume Control Damper (Ruskin CD36)	1,096.97	135.31
23 09 23 12-0238	EA	84" x 52" Volume Control Damper (Ruskin CD36)	1,170.32	135.31
23 09 23 12-0239	EA	84" x 56" Volume Control Damper (Ruskin CD36)	1,214.84	135.31
23 09 23 12-0240	EA	84" x 60" Volume Control Damper (Ruskin CD36)	1,269.95	135.31
23 09 23 12-0241	EA	84" x 64" Volume Control Damper (Ruskin CD36)	1,368.25	148.84
23 09 23 12-0242	EA	84" x 68" Volume Control Damper (Ruskin CD36)	1,439.49	148.84
23 09 23 12-0243	EA	84" x 72" Volume Control Damper (Ruskin CD36)	1,533.19	148.84
23 09 23 12-0244	EA	84" x 76" Volume Control Damper (Ruskin CD36)	1,698.97	148.84
23 09 23 12-0245	EA	84" x 80" Volume Control Damper (Ruskin CD36)	1,698.97	148.84
23 09 23 12-0246	EA	84" x 84" Volume Control Damper (Ruskin CD36)	1,818.11	148.84

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0247		Low Leakage Rectangular Volume Control Dampers (Ruskin CD50) *(23 09 23 12-0001)*		
23 09 23 12-0248	EA	8" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	253.36	40.59
23 09 23 12-0249	EA	8" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	314.25	40.59
23 09 23 12-0250	EA	8" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	356.25	40.59
23 09 23 12-0251	EA	8" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	389.61	54.13
23 09 23 12-0252	EA	8" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	433.70	54.13
23 09 23 12-0253	EA	8" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	473.60	54.13
23 09 23 12-0254	EA	8" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	479.90	54.13
23 09 23 12-0255	EA	8" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	548.96	67.66
23 09 23 12-0256	EA	12" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	253.36	40.59
23 09 23 12-0257	EA	12" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	314.25	40.59
23 09 23 12-0258	EA	12" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	383.31	54.13
23 09 23 12-0259	EA	12" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	389.61	54.13
23 09 23 12-0260	EA	12" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	460.77	67.66
23 09 23 12-0261	EA	12" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	500.67	67.66
23 09 23 12-0262	EA	12" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	506.97	67.66
23 09 23 12-0263	EA	12" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	576.02	81.18
23 09 23 12-0264	EA	16" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	261.76	40.59
23 09 23 12-0265	EA	16" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	356.01	54.13
23 09 23 12-0266	EA	16" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	404.31	54.13
23 09 23 12-0267	EA	16" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	435.58	67.66
23 09 23 12-0268	EA	16" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	483.87	67.66
23 09 23 12-0269	EA	16" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	552.93	81.18
23 09 23 12-0270	EA	16" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	559.22	81.18
23 09 23 12-0271	EA	16" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	611.72	81.18
23 09 23 12-0272	EA	20" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	305.62	54.13
23 09 23 12-0273	EA	20" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	383.31	54.13
23 09 23 12-0274	EA	20" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	460.77	67.66
23 09 23 12-0275	EA	20" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	467.07	67.66
23 09 23 12-0276	EA	20" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	536.13	81.18
23 09 23 12-0277	EA	20" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	590.72	81.18
23 09 23 12-0278	EA	20" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	632.48	94.71
23 09 23 12-0279	EA	20" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	674.47	94.71
23 09 23 12-0280	EA	24" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	322.42	54.13
23 09 23 12-0281	EA	24" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	427.18	67.66
23 09 23 12-0282	EA	24" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	477.57	67.66
23 09 23 12-0283	EA	24" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	513.03	81.18
23 09 23 12-0284	EA	24" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	569.72	81.18
23 09 23 12-0285	EA	24" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	649.28	94.71
23 09 23 12-0286	EA	24" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	659.78	94.71
23 09 23 12-0287	EA	24" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	712.27	94.71
23 09 23 12-0288	EA	28" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	330.81	54.13
23 09 23 12-0289	EA	28" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	441.87	67.66
23 09 23 12-0290	EA	28" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	523.53	81.18
23 09 23 12-0291	EA	28" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	534.03	81.18
23 09 23 12-0292	EA	28" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	621.98	94.71
23 09 23 12-0293	EA	28" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	676.57	94.71
23 09 23 12-0294	EA	28" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	680.77	94.71
23 09 23 12-0295	EA	28" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	747.97	94.71
23 09 23 12-0296	EA	32" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	349.71	54.13
23 09 23 12-0297	EA	32" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	464.97	67.66
23 09 23 12-0298	EA	32" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	559.22	81.18
23 09 23 12-0299	EA	32" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	592.58	94.71
23 09 23 12-0300	EA	32" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	659.78	94.71
23 09 23 12-0301	EA	32" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	710.17	94.71
23 09 23 12-0302	EA	32" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	722.77	94.71
23 09 23 12-0303	EA	32" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	810.72	108.24
23 09 23 12-0304	EA	36" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	395.68	67.66
23 09 23 12-0305	EA	36" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	510.93	81.18
23 09 23 12-0306	EA	36" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	576.02	81.18
23 09 23 12-0307	EA	36" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	609.38	94.71
23 09 23 12-0308	EA	36" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	680.77	94.71
23 09 23 12-0309	EA	36" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	750.07	94.71
23 09 23 12-0310	EA	36" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	781.33	108.24
23 09 23 12-0311	EA	36" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	850.62	108.24
23 09 23 12-0312	EA	36" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	911.51	108.24
23 09 23 12-0313	EA	36" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	926.21	108.24
23 09 23 12-0314	EA	36" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	997.60	108.24
23 09 23 12-0315	EA	36" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,062.69	108.24
23 09 23 12-0316	EA	36" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,077.39	108.24
23 09 23 12-0317	EA	36" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,138.28	108.24
23 09 23 12-0318	EA	36" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,201.28	108.24
23 09 23 12-0319	EA	36" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,240.94	121.77
23 09 23 12-0320	EA	36" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,306.03	121.77
23 09 23 12-0321	EA	36" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	1,772.70	121.77
23 09 23 12-0322	EA	36" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	1,772.70	121.77
23 09 23 12-0323	EA	36" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	1,804.72	121.77
23 09 23 12-0324	EA	40" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	955.61	108.24
23 09 23 12-0325	EA	40" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	968.20	108.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0326	EA	40" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,037.50	108.24
23 09 23 12-0327	EA	40" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,113.09	108.24
23 09 23 12-0328	EA	40" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,119.39	108.24
23 09 23 12-0329	EA	40" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,215.74	121.77
23 09 23 12-0330	EA	40" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,287.13	121.77
23 09 23 12-0331	EA	40" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,306.03	121.77
23 09 23 12-0332	EA	40" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,377.42	121.77
23 09 23 12-0333	EA	40" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	1,869.81	121.77
23 09 23 12-0334	EA	40" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	1,869.81	121.77
23 09 23 12-0335	EA	40" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	1,897.11	121.77
23 09 23 12-0336	EA	44" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	991.30	108.24
23 09 23 12-0337	EA	44" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,010.20	108.24
23 09 23 12-0338	EA	44" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,081.59	108.24
23 09 23 12-0339	EA	44" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,165.58	108.24
23 09 23 12-0340	EA	44" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,198.94	121.77
23 09 23 12-0341	EA	44" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,270.33	121.77
23 09 23 12-0342	EA	44" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,350.12	121.77
23 09 23 12-0343	EA	44" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,369.02	121.77
23 09 23 12-0344	EA	44" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,438.31	121.77
23 09 23 12-0345	EA	44" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	1,948.03	121.77
23 09 23 12-0346	EA	44" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	1,948.03	121.77
23 09 23 12-0347	EA	44" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	2,016.56	135.31
23 09 23 12-0348	EA	40" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	955.61	108.24
23 09 23 12-0349	EA	40" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	968.20	108.24
23 09 23 12-0350	EA	40" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,037.50	108.24
23 09 23 12-0351	EA	40" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,113.09	108.24
23 09 23 12-0352	EA	40" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,119.39	108.24
23 09 23 12-0353	EA	40" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,215.74	121.77
23 09 23 12-0354	EA	40" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,287.13	121.77
23 09 23 12-0355	EA	40" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,306.03	121.77
23 09 23 12-0356	EA	40" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,377.42	121.77
23 09 23 12-0357	EA	40" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	1,869.81	121.77
23 09 23 12-0358	EA	40" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	1,869.81	121.77
23 09 23 12-0359	EA	40" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	1,897.11	121.77
23 09 23 12-0360	EA	44" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	991.30	108.24
23 09 23 12-0361	EA	44" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,010.20	108.24
23 09 23 12-0362	EA	44" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,037.50	108.24
23 09 23 12-0363	EA	44" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,113.09	108.24
23 09 23 12-0364	EA	44" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,198.94	121.77
23 09 23 12-0365	EA	44" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,270.33	121.77
23 09 23 12-0366	EA	44" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,350.12	121.77
23 09 23 12-0367	EA	44" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,369.02	121.77
23 09 23 12-0368	EA	44" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,438.31	121.77
23 09 23 12-0369	EA	44" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	1,948.03	121.77
23 09 23 12-0370	EA	44" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	1,948.03	121.77
23 09 23 12-0371	EA	44" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	2,016.56	135.31
23 09 23 12-0372	EA	48" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,031.20	108.24
23 09 23 12-0373	EA	48" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,047.99	108.24
23 09 23 12-0374	EA	48" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,129.89	108.24
23 09 23 12-0375	EA	48" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,240.94	121.77
23 09 23 12-0376	EA	48" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,257.73	121.77
23 09 23 12-0377	EA	48" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,327.03	121.77
23 09 23 12-0378	EA	48" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,406.82	121.77
23 09 23 12-0379	EA	48" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,421.52	121.77
23 09 23 12-0380	EA	48" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,499.21	121.77
23 09 23 12-0381	EA	48" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	2,062.76	135.31
23 09 23 12-0382	EA	48" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	2,062.76	135.31
23 09 23 12-0383	EA	48" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	2,100.03	135.31
23 09 23 12-0384	EA	52" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,157.18	108.24
23 09 23 12-0385	EA	52" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,173.98	108.24
23 09 23 12-0386	EA	52" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,291.33	121.77
23 09 23 12-0387	EA	52" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,392.12	121.77
23 09 23 12-0388	EA	52" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,408.92	121.77
23 09 23 12-0389	EA	52" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,488.71	121.77
23 09 23 12-0390	EA	52" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,574.80	121.77
23 09 23 12-0391	EA	52" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,608.39	121.77
23 09 23 12-0392	EA	52" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,742.54	135.31
23 09 23 12-0393	EA	52" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	2,949.90	135.31
23 09 23 12-0394	EA	52" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	2,949.90	135.31
23 09 23 12-0395	EA	52" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,060.67	135.31
23 09 23 12-0396	EA	56" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,201.28	108.24
23 09 23 12-0397	EA	56" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,249.33	121.77
23 09 23 12-0398	EA	56" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,339.62	121.77
23 09 23 12-0399	EA	56" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,455.11	121.77
23 09 23 12-0400	EA	56" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,474.01	121.77
23 09 23 12-0401	EA	56" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,560.10	121.77
23 09 23 12-0402	EA	56" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,650.39	121.77
23 09 23 12-0403	EA	56" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,708.95	135.31
23 09 23 12-0404	EA	56" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,797.14	135.31
23 09 23 12-0405	EA	56" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	2,949.90	135.31
23 09 23 12-0406	EA	56" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	2,949.90	135.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0407	EA	56" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,060.67	135.31
23 09 23 12-0408	EA	60" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,274.53	121.77
23 09 23 12-0409	EA	60" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,291.33	121.77
23 09 23 12-0410	EA	60" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,398.42	121.77
23 09 23 12-0411	EA	60" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,505.51	121.77
23 09 23 12-0412	EA	60" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,526.50	121.77
23 09 23 12-0413	EA	60" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,616.79	121.77
23 09 23 12-0414	EA	60" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,742.54	135.31
23 09 23 12-0415	EA	60" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,763.54	135.31
23 09 23 12-0416	EA	60" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,870.63	135.31
23 09 23 12-0417	EA	60" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,180.88	135.31
23 09 23 12-0418	EA	60" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,180.88	135.31
23 09 23 12-0419	EA	60" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,217.62	135.31
23 09 23 12-0420	EA	64" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,700.78	121.77
23 09 23 12-0421	EA	64" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,719.68	121.77
23 09 23 12-0422	EA	64" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,889.76	121.77
23 09 23 12-0423	EA	64" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,998.95	121.77
23 09 23 12-0424	EA	64" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,036.75	121.77
23 09 23 12-0425	EA	64" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	2,185.59	135.31
23 09 23 12-0426	EA	64" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	2,319.98	135.31
23 09 23 12-0427	EA	64" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	2,353.57	135.31
23 09 23 12-0428	EA	64" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	2,464.86	135.31
23 09 23 12-0429	EA	64" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,180.88	135.31
23 09 23 12-0430	EA	64" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,180.88	135.31
23 09 23 12-0431	EA	64" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,244.69	148.84
23 09 23 12-0432	EA	66" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,740.68	121.77
23 09 23 12-0433	EA	66" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,761.68	121.77
23 09 23 12-0434	EA	66" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,923.36	121.77
23 09 23 12-0435	EA	66" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,053.54	121.77
23 09 23 12-0436	EA	66" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,112.10	135.31
23 09 23 12-0437	EA	66" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	2,240.18	135.31
23 09 23 12-0438	EA	66" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	2,378.77	135.31
23 09 23 12-0439	EA	66" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	2,410.27	135.31
23 09 23 12-0440	EA	66" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	2,550.95	135.31
23 09 23 12-0441	EA	66" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,328.91	135.31
23 09 23 12-0442	EA	66" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,355.98	148.84
23 09 23 12-0443	EA	66" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,420.55	148.84
23 09 23 12-0444	EA	72" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,776.37	121.77
23 09 23 12-0445	EA	72" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,803.67	121.77
23 09 23 12-0446	EA	72" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,961.15	121.77
23 09 23 12-0447	EA	72" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,133.10	135.31
23 09 23 12-0448	EA	72" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,162.49	135.31
23 09 23 12-0449	EA	72" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	2,296.88	135.31
23 09 23 12-0450	EA	72" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	2,437.56	135.31
23 09 23 12-0451	EA	72" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	2,464.86	135.31
23 09 23 12-0452	EA	72" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	2,611.84	135.31
23 09 23 12-0453	EA	72" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,355.98	148.84
23 09 23 12-0454	EA	72" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,355.98	148.84
23 09 23 12-0455	EA	72" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,420.55	148.84
23 09 23 12-0456	EA	76" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,820.47	121.77
23 09 23 12-0457	EA	76" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,849.87	121.77
23 09 23 12-0458	EA	76" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	2,034.41	135.31
23 09 23 12-0459	EA	76" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,187.69	135.31
23 09 23 12-0460	EA	76" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,206.59	135.31
23 09 23 12-0461	EA	76" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	2,353.57	135.31
23 09 23 12-0462	EA	76" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	2,502.65	135.31
23 09 23 12-0463	EA	76" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	2,538.35	135.31
23 09 23 12-0464	EA	76" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	2,714.50	148.84
23 09 23 12-0465	EA	76" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,549.68	148.84
23 09 23 12-0466	EA	76" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,549.68	148.84
23 09 23 12-0467	EA	76" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,605.33	148.84
23 09 23 12-0468	EA	80" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,868.76	121.77
23 09 23 12-0469	EA	80" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,896.06	121.77
23 09 23 12-0470	EA	80" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	2,078.50	135.31
23 09 23 12-0471	EA	80" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,240.18	135.31
23 09 23 12-0472	EA	80" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,254.88	135.31
23 09 23 12-0473	EA	80" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	2,410.27	135.31
23 09 23 12-0474	EA	80" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	2,567.75	135.31
23 09 23 12-0475	EA	80" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	2,638.91	148.84
23 09 23 12-0476	EA	80" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	2,792.19	148.84
23 09 23 12-0477	EA	80" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,549.68	148.84
23 09 23 12-0478	EA	80" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,549.68	148.84
23 09 23 12-0479	EA	80" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,605.33	148.84
23 09 23 12-0480	EA	84" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,908.66	121.77
23 09 23 12-0481	EA	84" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,954.62	135.31
23 09 23 12-0482	EA	84" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	2,114.20	135.31
23 09 23 12-0483	EA	84" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,294.78	135.31
23 09 23 12-0484	EA	84" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,303.18	135.31
23 09 23 12-0485	EA	84" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	2,450.16	135.31
23 09 23 12-0486	EA	84" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	2,645.21	148.84
23 09 23 12-0487	EA	84" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	2,691.41	148.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0488	EA	84" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	2,846.79	148.84
23 09 23 12-0489	EA	84" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,706.64	148.84
23 09 23 12-0490	EA	84" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,706.64	148.84
23 09 23 12-0491	EA	84" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,790.11	148.84
23 09 23 12-0492		Rectangular Volume Control Dampers (TAMCO) *(23 09 23 12)* Note: Excludes actuators.		
23 09 23 12-0493		Air-Foil Control Damper (TAMCO Series 1000) *(23 09 23 12-0492)*		
23 09 23 12-0494	EA	12" x 12" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	213.62	40.59
23 09 23 12-0495	EA	12" x 16" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	256.04	54.13
23 09 23 12-0496	EA	12" x 20" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	271.41	54.13
23 09 23 12-0497	EA	12" x 24" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	331.10	67.66
23 09 23 12-0498	EA	12" x 28" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	340.45	67.66
23 09 23 12-0499	EA	12" x 32" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	349.79	67.66
23 09 23 12-0500	EA	12" x 36" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	392.17	81.18
23 09 23 12-0501	EA	16" x 12" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	242.55	54.13
23 09 23 12-0502	EA	16" x 16" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	244.41	54.13
23 09 23 12-0503	EA	16" x 20" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	305.53	67.66
23 09 23 12-0504	EA	16" x 24" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	339.57	67.66
23 09 23 12-0505	EA	16" x 28" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	380.01	81.18
23 09 23 12-0506	EA	16" x 32" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	411.08	81.18
23 09 23 12-0507	EA	16" x 36" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	442.18	81.18
23 09 23 12-0508	EA	20" x 12" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	276.13	54.13
23 09 23 12-0509	EA	20" x 16" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	305.53	67.66
23 09 23 12-0510	EA	20" x 20" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	329.63	67.66
23 09 23 12-0511	EA	20" x 24" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	395.55	81.18
23 09 23 12-0512	EA	20" x 28" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	434.40	81.18
23 09 23 12-0513	EA	20" x 32" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	500.34	94.71
23 09 23 12-0514	EA	20" x 36" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	539.19	94.71
23 09 23 12-0515	EA	24" x 12" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	275.21	67.66
23 09 23 12-0516	EA	24" x 16" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	321.85	67.66
23 09 23 12-0517	EA	24" x 20" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	381.55	81.18
23 09 23 12-0518	EA	24" x 24" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	425.39	81.18
23 09 23 12-0519	EA	24" x 28" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	496.29	94.71
23 09 23 12-0520	EA	24" x 32" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	540.13	94.71
23 09 23 12-0521	EA	24" x 36" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	583.96	94.71
23 09 23 12-0522	EA	28" x 12" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	304.09	67.66
23 09 23 12-0523	EA	28" x 16" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	377.17	81.18
23 09 23 12-0524	EA	28" x 20" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	418.08	81.18
23 09 23 12-0525	EA	28" x 24" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	496.29	94.71
23 09 23 12-0526	EA	28" x 28" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	547.44	94.71
23 09 23 12-0527	EA	28" x 32" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	598.57	94.71
23 09 23 12-0528	EA	28" x 36" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	649.72	94.71
23 09 23 12-0529	EA	32" x 12" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	328.64	67.66
23 09 23 12-0530	EA	32" x 16" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	408.43	81.18
23 09 23 12-0531	EA	32" x 20" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	482.37	94.71
23 09 23 12-0532	EA	32" x 24" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	540.95	94.71
23 09 23 12-0533	EA	32" x 28" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	599.54	94.71
23 09 23 12-0534	EA	32" x 32" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	658.13	94.71
23 09 23 12-0535	EA	32" x 36" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	743.78	108.24
23 09 23 12-0536	EA	36" x 12" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	360.10	81.18
23 09 23 12-0537	EA	36" x 16" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	426.01	81.18
23 09 23 12-0538	EA	36" x 20" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	518.99	94.71
23 09 23 12-0539	EA	36" x 24" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	556.30	94.71
23 09 23 12-0540	EA	36" x 28" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	617.43	94.71
23 09 23 12-0541	EA	36" x 32" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	705.64	108.24
23 09 23 12-0542	EA	36" x 36" Aluminum, Air-Foil Control Damper (TAMCO Series 1000)	766.78	108.24
23 09 23 12-0543		Ultra Low Leakage, Air-Foil Control Damper (TAMCO Series 1500) *(23 09 23 12-0492)*		
23 09 23 12-0544	EA	12" x 12" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	219.22	40.59
23 09 23 12-0545	EA	12" x 16" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	262.25	54.13
23 09 23 12-0546	EA	12" x 20" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	278.23	54.13
23 09 23 12-0547	EA	12" x 24" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	339.29	67.66
23 09 23 12-0548	EA	12" x 28" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	348.95	67.66
23 09 23 12-0549	EA	12" x 32" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	358.60	67.66
23 09 23 12-0550	EA	12" x 36" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	401.61	81.18
23 09 23 12-0551	EA	16" x 12" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	248.14	54.13
23 09 23 12-0552	EA	16" x 16" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	250.01	54.13
23 09 23 12-0553	EA	16" x 20" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	312.52	67.66
23 09 23 12-0554	EA	16" x 24" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	347.97	67.66
23 09 23 12-0555	EA	16" x 28" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	388.70	81.18
23 09 23 12-0556	EA	16" x 32" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	421.05	81.18
23 09 23 12-0557	EA	16" x 36" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	453.37	81.18
23 09 23 12-0558	EA	20" x 12" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	283.12	54.13
23 09 23 12-0559	EA	20" x 16" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	312.52	67.66
23 09 23 12-0560	EA	20" x 20" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	337.39	67.66
23 09 23 12-0561	EA	20" x 24" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	404.87	81.18
23 09 23 12-0562	EA	20" x 28" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	445.30	81.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0563	EA	20" x 32" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	512.76	94.71
23 09 23 12-0564	EA	20" x 36" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	553.18	94.71
23 09 23 12-0565	EA	24" x 12" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	280.81	67.66
23 09 23 12-0566	EA	24" x 16" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	329.31	67.66
23 09 23 12-0567	EA	24" x 20" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	392.43	81.18
23 09 23 12-0568	EA	24" x 24" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	438.45	81.18
23 09 23 12-0569	EA	24" x 28" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	511.53	94.71
23 09 23 12-0570	EA	24" x 32" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	557.53	94.71
23 09 23 12-0571	EA	24" x 36" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	603.55	94.71
23 09 23 12-0572	EA	28" x 12" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	312.47	67.66
23 09 23 12-0573	EA	28" x 16" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	387.84	81.18
23 09 23 12-0574	EA	28" x 20" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	430.78	81.18
23 09 23 12-0575	EA	28" x 24" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	511.53	94.71
23 09 23 12-0576	EA	28" x 28" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	565.20	94.71
23 09 23 12-0577	EA	28" x 32" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	618.88	94.71
23 09 23 12-0578	EA	28" x 36" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	672.57	94.71
23 09 23 12-0579	EA	32" x 12" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	337.76	67.66
23 09 23 12-0580	EA	32" x 16" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	420.04	81.18
23 09 23 12-0581	EA	32" x 20" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	496.18	94.71
23 09 23 12-0582	EA	32" x 24" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	557.53	94.71
23 09 23 12-0583	EA	32" x 28" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	618.88	94.71
23 09 23 12-0584	EA	32" x 32" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	680.24	94.71
23 09 23 12-0585	EA	32" x 36" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	768.65	108.24
23 09 23 12-0586	EA	36" x 12" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	369.43	81.18
23 09 23 12-0587	EA	36" x 16" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	438.45	81.18
23 09 23 12-0588	EA	36" x 20" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	534.53	94.71
23 09 23 12-0589	EA	36" x 24" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	603.55	94.71
23 09 23 12-0590	EA	36" x 28" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	672.57	94.71
23 09 23 12-0591	EA	36" x 32" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	768.65	108.24
23 09 23 12-0592	EA	36" x 36" Ultra Low Leakage, Aluminum, Air-Foil Control Damper (TAMCO Series 1500)	837.67	108.24
23 09 23 12-0593		Thermally Insulated Damper (TAMCO Series 9000) *(23 09 23 12-0492)*		
23 09 23 12-0594	EA	12" x 12" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	256.53	40.59
23 09 23 12-0595	EA	12" x 16" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	303.64	54.13
23 09 23 12-0596	EA	12" x 20" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	323.69	54.13
23 09 23 12-0597	EA	12" x 24" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	393.85	67.66
23 09 23 12-0598	EA	12" x 28" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	405.61	67.66
23 09 23 12-0599	EA	12" x 32" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	417.36	67.66
23 09 23 12-0600	EA	12" x 36" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	464.56	81.18
23 09 23 12-0601	EA	16" x 12" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	285.45	54.13
23 09 23 12-0602	EA	16" x 16" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	287.32	54.13
23 09 23 12-0603	EA	16" x 20" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	359.16	67.66
23 09 23 12-0604	EA	16" x 24" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	403.93	67.66
23 09 23 12-0605	EA	16" x 28" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	446.73	81.18
23 09 23 12-0606	EA	16" x 32" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	487.36	81.18
23 09 23 12-0607	EA	16" x 36" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	527.99	81.18
23 09 23 12-0608	EA	20" x 12" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	329.76	54.13
23 09 23 12-0609	EA	20" x 16" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	359.16	67.66
23 09 23 12-0610	EA	20" x 20" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	389.21	67.66
23 09 23 12-0611	EA	20" x 24" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	467.05	81.18
23 09 23 12-0612	EA	20" x 28" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	517.84	81.18
23 09 23 12-0613	EA	20" x 32" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	595.68	94.71
23 09 23 12-0614	EA	20" x 36" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	646.45	94.71
23 09 23 12-0615	EA	24" x 12" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	318.12	67.66
23 09 23 12-0616	EA	24" x 16" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	379.06	67.66
23 09 23 12-0617	EA	24" x 20" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	454.62	81.18
23 09 23 12-0618	EA	24" x 24" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	513.07	81.18
23 09 23 12-0619	EA	24" x 28" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	598.57	94.71
23 09 23 12-0620	EA	24" x 32" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	657.03	94.71
23 09 23 12-0621	EA	24" x 36" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	715.47	94.71
23 09 23 12-0622	EA	28" x 12" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	360.33	67.66
23 09 23 12-0623	EA	28" x 16" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	448.76	81.18
23 09 23 12-0624	EA	28" x 20" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	503.33	81.18
23 09 23 12-0625	EA	28" x 24" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	598.57	94.71
23 09 23 12-0626	EA	28" x 28" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	666.77	94.71
23 09 23 12-0627	EA	28" x 32" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	734.95	94.71
23 09 23 12-0628	EA	28" x 36" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	803.15	94.71
23 09 23 12-0629	EA	32" x 12" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	392.49	67.66
23 09 23 12-0630	EA	32" x 16" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	489.69	81.18
23 09 23 12-0631	EA	32" x 20" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	579.09	94.71
23 09 23 12-0632	EA	32" x 24" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	657.03	94.71
23 09 23 12-0633	EA	32" x 28" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	734.95	94.71
23 09 23 12-0634	EA	32" x 32" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	812.88	94.71
23 09 23 12-0635	EA	32" x 36" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	917.88	108.24
23 09 23 12-0636	EA	36" x 12" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	425.39	81.18
23 09 23 12-0637	EA	36" x 16" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	513.07	81.18
23 09 23 12-0638	EA	36" x 20" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	627.80	94.71
23 09 23 12-0639	EA	36" x 24" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	714.22	94.71
23 09 23 12-0640	EA	36" x 28" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	801.69	94.71
23 09 23 12-0641	EA	36" x 32" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	916.22	108.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0642	EA	36" x 36" Aluminum, Thermally Insulated Damper (TAMCO Series 9000)	1,003.69	108.24
23 09 23 12-0643		**Thermally Broken Frame Damper (TAMCO Series 9000 BF)** *(23 09 23 12-0492)*		
23 09 23 12-0644	EA	12" x 12" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	288.24	40.59
23 09 23 12-0645	EA	12" x 16" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	338.82	54.13
23 09 23 12-0646	EA	12" x 20" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	362.34	54.13
23 09 23 12-0647	EA	12" x 24" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	440.23	67.66
23 09 23 12-0648	EA	12" x 28" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	453.77	67.66
23 09 23 12-0649	EA	12" x 32" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	467.31	67.66
23 09 23 12-0650	EA	12" x 36" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	518.08	81.18
23 09 23 12-0651	EA	16" x 12" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	317.16	54.13
23 09 23 12-0652	EA	16" x 16" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	319.03	54.13
23 09 23 12-0653	EA	16" x 20" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	398.80	67.66
23 09 23 12-0654	EA	16" x 24" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	451.50	67.66
23 09 23 12-0655	EA	16" x 28" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	496.07	81.18
23 09 23 12-0656	EA	16" x 32" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	543.73	81.18
23 09 23 12-0657	EA	16" x 36" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	591.41	81.18
23 09 23 12-0658	EA	20" x 12" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	369.40	54.13
23 09 23 12-0659	EA	20" x 16" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	398.80	67.66
23 09 23 12-0660	EA	20" x 20" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	433.25	67.66
23 09 23 12-0661	EA	20" x 24" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	519.91	81.18
23 09 23 12-0662	EA	20" x 28" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	579.49	81.18
23 09 23 12-0663	EA	20" x 32" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	666.15	94.71
23 09 23 12-0664	EA	20" x 36" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	725.73	94.71
23 09 23 12-0665	EA	24" x 12" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	349.83	67.66
23 09 23 12-0666	EA	24" x 16" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	421.33	67.66
23 09 23 12-0667	EA	24" x 20" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	491.93	81.18
23 09 23 12-0668	EA	24" x 24" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	557.83	81.18
23 09 23 12-0669	EA	24" x 28" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	650.80	94.71
23 09 23 12-0670	EA	24" x 32" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	716.72	94.71
23 09 23 12-0671	EA	24" x 36" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	782.63	94.71
23 09 23 12-0672	EA	28" x 12" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	389.06	67.66
23 09 23 12-0673	EA	28" x 16" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	485.33	81.18
23 09 23 12-0674	EA	28" x 20" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	546.85	81.18
23 09 23 12-0675	EA	28" x 24" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	650.80	94.71
23 09 23 12-0676	EA	28" x 28" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	727.71	94.71
23 09 23 12-0677	EA	28" x 32" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	804.60	94.71
23 09 23 12-0678	EA	28" x 36" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	881.49	94.71
23 09 23 12-0679	EA	32" x 12" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	425.32	67.66
23 09 23 12-0680	EA	32" x 16" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	531.48	81.18
23 09 23 12-0681	EA	32" x 20" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	628.84	94.71
23 09 23 12-0682	EA	32" x 24" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	716.72	94.71
23 09 23 12-0683	EA	32" x 28" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	804.60	94.71
23 09 23 12-0684	EA	32" x 32" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	892.48	94.71
23 09 23 12-0685	EA	32" x 36" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	1,007.42	108.24
23 09 23 12-0686	EA	36" x 12" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	458.97	81.18
23 09 23 12-0687	EA	36" x 16" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	557.83	81.18
23 09 23 12-0688	EA	36" x 20" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	683.76	94.71
23 09 23 12-0689	EA	36" x 24" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	781.38	94.71
23 09 23 12-0690	EA	36" x 28" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	880.04	94.71
23 09 23 12-0691	EA	36" x 32" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	1,005.76	108.24
23 09 23 12-0692	EA	36" x 36" Aluminum, Thermally Broken Frame Damper (TAMCO Series 9000 BF)	1,104.42	108.24
23 09 23 12-0693		**Rectangular Galvanized Volume Control Dampers** *(23 09 23 12)*		
		Note: Excludes actuators.		
23 09 23 12-0694	EA	8" x 8" Low Leakage Volume Control Damper (Johnson Controls VOPSN-008X008)	196.30	33.56
23 09 23 12-0695	EA	10" x 10" Low Leakage Volume Control Damper (Johnson Controls VOPSN-010X010)	221.67	36.80
23 09 23 12-0696	EA	12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012)	248.06	40.59
23 09 23 12-0697	EA	14" x 14" Low Leakage Volume Control Damper (Johnson Controls VOPSN-014X014)	286.55	47.63
23 09 23 12-0698	EA	16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016)	323.95	54.13
23 09 23 12-0699	EA	18" x 18" Low Leakage Volume Control Damper (Johnson Controls VOPSN-018X018)	325.27	60.89
23 09 23 12-0700	EA	20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020)	401.92	67.66
23 09 23 12-0701	EA	24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024)	479.85	81.18
23 09 23 12-0702	EA	32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032)	619.85	94.71
23 09 23 12-0703	EA	48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048)	932.82	108.24
23 09 23 12-0704	EA	60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060)	1,740.34	121.77
23 09 23 12-0705	EA	72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072)	2,218.17	135.31
23 09 23 12-0706		**Round Galvanized Control Dampers** *(23 09 23 12)*		
		Note: Excludes actuators.		
23 09 23 12-0707	EA	6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06)	188.72	37.89
23 09 23 12-0708	EA	8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08)	194.22	40.59
23 09 23 12-0709	EA	10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10)	203.28	40.59
23 09 23 12-0710	EA	12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12)	225.30	46.01
23 09 23 12-0711	EA	14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14)	258.86	46.01
23 09 23 12-0712	EA	16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16)	279.18	54.13
23 09 23 12-0713	EA	18" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG18)	375.68	56.97
23 09 23 12-0714	EA	20" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG20)	393.02	59.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0715	EA	22" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG22)	416.58	63.66
23 09 23 12-0716	EA	24" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG24)	440.66	68.27
23 09 23 12-0717		**Remote Damper Control** *(23 09 23 12)*		
23 09 23 12-0718	EA	Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-275B)	261.84	
		For Each 10' Flexible Casing And Wire, Add	*39.56*	
23 09 23 12-0719	EA	Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-301B)	269.93	
		For Each 10' Flexible Casing And Wire, Add	*39.56*	
23 09 23 12-0720		**Control Damper Actuators** *(23 09 23 12)*		
23 09 23 12-0721	EA	44 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo LMB24-SR)	469.33	89.43
23 09 23 12-0722	EA	90 IN-LB, 24 Volt AC/DC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo NMB24-SR)	509.09	89.43
23 09 23 12-0723	EA	90 IN-LB, 2 Position, 24 To 240 Volt AC Spring Return Direct Coupled Control Damper Actuator (Belimo NFBUP)	574.24	89.43
23 09 23 12-0724	EA	175 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo AMB24-SR)	605.37	89.43
23 09 23 12-0725	EA	90 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Spring Return Direct Coupled Control Damper Actuator (Belimo NFB24-SR)	623.84	89.43
23 09 23 12-0726	EA	360 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo GMB24-SR)	696.47	89.43
23 09 23 13		**Energy Meters** *(23 09 23)*		
23 09 23 13-0001		**Surge Protectors** *(23 09 23 13)*		
23 09 23 13-0002	EA	Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255)	340.16	9.69
23 09 23 13-0003	EA	Surge Protector, 1AC Outlet (Transtector TR2251)	256.80	9.69
23 09 23 13-0004	EA	Surge Protector, 2 AC Outlets (Transtector TR2254)	400.24	9.69
23 09 23 13-0005	EA	Surge Protector, DB-15 Connection (Transtector TR2259-DLP15)	216.10	9.69
23 09 23 13-0006	EA	Surge Protector, DB-25 Connection (Transtector TR2259-DLP25)	216.10	9.69
23 09 23 13-0007	EA	Surge Protector, DB-9 Connection (Transtector TR2259-DLP9)	216.10	9.69
23 09 23 13-0008	EA	Surge Protector, Individual Wire Connection (Transtector TR2258)	313.03	9.69
23 09 23 13-0009	EA	Surge Protector, Trane Communication Links (Transtector TR2257)	192.84	9.69
23 09 23 14		**Flow Instruments** *(23 09 23)*		
23 09 23 14-0001		**Water Flow Meters** *(23 09 23 14)*		
23 09 23 14-0002	EA	Insertion Electromagnetic Water Flow Meter (Onicon F-3500) Note: Excludes pipe fittings.	5,065.75	95.88
23 09 23 14-0003		**Air Flow Monitoring Stations** *(23 09 23 14)*		
23 09 23 14-0004	EA	Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 36" x 24" typical duct size.	3,962.61	103.91
23 09 23 14-0005	EA	Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 48" x 36" typical duct size.	5,703.31	103.91
23 09 23 14-0006	EA	Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 60" x 48" typical duct size.	7,105.81	103.91
23 09 23 16		**Gas Instruments** *(23 09 23)*		
23 09 23 16-0001		**Gas Sensors** *(23 09 23 16)*		
23 09 23 16-0002	EA	6-1/4" x 6-1/8" CO2 Sensor, 0-2,000 ppm (Kele WCO-1B)	2,111.44	58.15
23 09 23 16-0003	EA	Wall Mounted CO2 Sensor, 0-2,000 ppm With LCD Display (Kele CD-AW-LCD)	932.62	38.77
23 09 23 16-0004	EA	CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2) Note: Solid state sensor.	1,678.01	58.15
23 09 23 16-0005	EA	CO2 Transmitter, Duct Mount, No Display, 0-10 Volt DC Out, 24 Volt AC/Volt DC, 0-10 Or 4-20mA, 0-2,000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD; CD-AD)	910.96	69.78
23 09 23 19		**Moisture Instruments** *(23 09 23)*		
23 09 23 19-0001		**Relative Humidity Sensors** *(23 09 23 19)*		
23 09 23 19-0002	EA	3% Duct Mounted RH Sensor (Kele HD30K)	567.31	69.78
23 09 23 19-0003	EA	10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3)	582.80	69.78
23 09 23 19-0004	EA	3% RH Outdoor Air Sensor (Kele HO30K)	659.81	96.92
23 09 23 19-0005	EA	2% Surface Mounted RH Transmitter (Kele HW20K)	513.43	38.77
23 09 23 21		**Motion Instruments** *(23 09 23)*		
23 09 23 21-0001		**Peco Motion Sensors** *(23 09 23 21)*		
23 09 23 21-0002	EA	Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SA200-001)	187.60	27.25
23 09 23 21-0003	EA	Wall/Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SB200-001)	183.90	27.25
23 09 23 21-0004	EA	Wall/Ceiling Passive Infrared, 24 Volt, Master Motion Sensor (Peco SD200-001)	245.87	27.25
23 09 23 21-0005	EA	Wall/Ceiling Mount, Passive Infrared, 24 Volt, Master Time Sensor (Peco SD200-002)	218.53	27.25
23 09 23 21-0006	EA	Door Switch Occupancy Sensor (Peco SE200-001)	68.25	27.25

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 21-0007	EA	Window Switch Occupancy Sensor (Peco SE200-002)	63.16	27.25
23 09 23 21-0008	EA	Power Pack And Controller (Peco SF200-001)	115.56	27.25
23 09 23 23		**Pressure Instruments** *(23 09 23)*		
23 09 23 23-0001		Pressure Sensors *(23 09 23 23)*		
23 09 23 23-0002	EA	0 To 0.5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-005)	756.62	81.84
23 09 23 23-0003	EA	0 To 5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-050)	673.44	81.84
23 09 23 23-0004	EA	0.05 To 12" W.C., Adjustable Differential Pressure Switches (Kele AFS-222)	270.96	81.84
23 09 23 23-0005	EA	0.05 To 2" W.C., Adjustable Differential Pressure Switches (Kele AFS-262)	280.63	81.84
23 09 23 23-0006	EA	0.4 To 2" W.C., Manual Reset Adjustable Differential Pressure Switches (Kele AFS-460)	299.54	81.84
23 09 23 23-0007	EA	0.05 To 12" W.C., 1/8" NPT, Adjustable Differential Pressure Switches (Kele AFS-145)	277.83	81.84
23 09 23 23-0008	EA	0 To 100 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P210D-BVA) Note: Excludes pipe fittings.	2,782.46	81.84
23 09 23 23-0009	EA	0 To 60 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P160D-BVA) Note: Excludes pipe fittings.	2,782.46	81.84
23 09 23 23-0010	EA	Magnahelic Gauge	731.04	50.03
23 09 23 27		**Temperature Instruments** *(23 09 23)*		
23 09 23 27-0001		Air Temperature Sensors *(23 09 23 27)*		
23 09 23 27-0002	EA	10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24)	210.61	69.78
23 09 23 27-0003	EA	10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO)	293.79	69.78
23 09 23 27-0004	EA	10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG)	220.18	69.78
23 09 23 27-0005	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH)	229.99	69.78
23 09 23 27-0006	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18)	233.26	69.78
23 09 23 27-0007	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6)	230.03	69.78
23 09 23 27-0008	EA	10K Ohm Thermistor Duct Temperature Sensor With Non Metallic Handibox Housing (Kele ST-D24-XHP)	231.77	69.78
23 09 23 27-0009	EA	10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4)	248.29	69.78
23 09 23 27-0010	EA	10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW)	262.73	69.78
23 09 23 27-0011	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24)	318.77	96.92
23 09 23 27-0012	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25)	329.88	96.92
23 09 23 27-0013	EA	Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF)	143.91	38.77
23 09 23 27-0014	EA	Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R)	147.99	38.77
23 09 23 27-0015	EA	Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SP)	137.26	38.77
23 09 23 27-0016		Water Temperature Sensors *(23 09 23 27)*		
23 09 23 27-0017	EA	5" Immersion 20K Ohm Water Temp Sensor (Honeywell C7041D2001)	169.42	74.99
23 09 23 27-0018	EA	Strap-On 20K Ohm Water Temp Sensor (Honeywell C7041K2005)	385.56	74.99
23 09 23 27-0019		Peco Thermostats *(23 09 23 27)*		
23 09 23 27-0020	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat With Humidification/Dehumidification Control (Peco T12532-IAQ)	393.17	18.17
23 09 23 27-0021	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat (Peco T12532-001)	350.79	18.17
23 09 23 53		**Proprietary Control Systems** *(23 09 23)*		
23 09 23 53-0001		EMCS General Costs *(23 09 23 53)*		
23 09 23 53-0002		EMCS System Design Engineering *(23 09 23 53-0001)* Note: Hourly labor rates are used for engineering projects only. Not used in conjunction with construction tasks.		
23 09 23 53-0003	HR	EMCS Site Inspection Of Existing Facilities	299.85	
23 09 23 53-0004	HR	EMCS Engineering Project Management	299.85	
23 09 23 53-0005	HR	EMCS System Engineering, Schematic Design And Layout	318.02	
23 09 23 53-0006	HR	EMCS System Software Programming And Graphics Programming	318.02	
23 09 23 53-0007	HR	EMCS Graphics Picture Creation	204.51	
23 09 23 53-0008	HR	EMCS System Controls Training	299.85	
23 09 23 53-0009	HR	EMCS On Site System Diagnostics Field Technician	299.85	
23 09 23 53-0010	HR	EMCS Remote Technical Support Using Phone Or Internet	249.93	
23 09 23 53-0011	HR	EMCS Travel Time (All Personnel)	259.02	
23 09 23 53-0012		Field Tests, Checkout And Commissioning *(23 09 23 53-0001)* Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 53-0013	PNT	EMCS Field Test Note: Priced per point.	159.07	
23 09 23 53-0014	PNT	EMCS Field Checkout And Startup Note: Priced per point.	159.07	
23 09 23 53-0015	PNT	EMCS Field Commissioning Note: Priced per point.	159.07	
23 09 23 53-0016	EA	EMCS Field Balance Support Note: Priced per controller.	136.29	

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23 09 23 53-0017		**EMCS System Engineering/Submittal Design And Layout** *(23 09 23 53-0001)* Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 53-0018	PNT	EMCS System Engineering/Submittal Design And Layout Note: Priced per point.	53.06	
23 09 23 53-0019		**Alerton Controls** *(23 09 23 53)*		
23 09 23 53-0020	EA	50 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-SMALL)	9,766.28	
23 09 23 53-0021	EA	150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-MEDIUM)	12,561.78	
23 09 23 53-0022	EA	Dashboard Option, 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-MEDIUM)	31,870.11	
23 09 23 53-0023	EA	Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-LARGE)	23,894.93	
23 09 23 53-0024	EA	Dashboard Option, Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-LARGE)	61,672.08	
23 09 23 53-0025	EA	Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-ENTERPRISE)	48,625.53	
23 09 23 53-0026	EA	Dashboard Option, Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-ENTERPRISE)	74,264.45	
23 09 23 53-0027	EA	Alerton Building Suite Tech License (Alerton ABS-3-TECH)	2,056.73	
23 09 23 53-0028	EA	Enterprise Edition With SQL Server Support, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-ENT1)	28,142.76	
23 09 23 53-0029	EA	Unlimited Controllers, Unlimited Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-LRG)	20,574.73	
23 09 23 53-0030	EA	150 Controllers, 3 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-MED)	12,503.03	
23 09 23 53-0031	EA	50 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-SM)	7,705.31	
23 09 23 53-0032	EA	10 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-XS)	2,969.09	
23 09 23 53-0033	EA	1 Ethernet, 1 MS/TP, BACtalk Control Module (Alerton 715000100)	5,315.48	290.76
23 09 23 53-0034	EA	Foreign Protocol Converter For P1 Systems, BACtalk Control Module (Alerton BCM-FPCS)	7,850.12	387.68
23 09 23 53-0035	EA	Modbus Gateway, BACtalk Control Module (Alerton BCM-MDBS)	7,747.70	387.68
23 09 23 53-0036	EA	V.90/56K Modem, BACtalk Control Module (Alerton BCM-MDM)	2,838.97	290.76
23 09 23 53-0037	EA	1 MS/TP, BACtalk Control Module (Alerton 715000300)	3,439.21	290.76
23 09 23 53-0038	EA	Power Supply, BACtalk Control Module (Alerton BCM-PWS)	2,654.27	290.76
23 09 23 53-0039	EA	1 TUX Trunk, BACtalk Control Module (Alerton BCM-TUX)	3,301.54	290.76
23 09 23 53-0040	EA	Web Server And Configurator CD, BACtalk Control Module (Alerton BCM-WEB)	7,808.77	290.76
23 09 23 53-0041	EA	BACtalk Field Level Gateway For Modbus (Alerton FLG-MODBUS)	3,579.62	387.68
23 09 23 53-0042	EA	EXP BACnet Controller (Alerton VLX)	7,868.62	775.37
23 09 23 53-0043	EA	VLX BACnet High Performance Controller (Alerton VLX-PLATINUM)	9,182.44	775.37
23 09 23 53-0044	EA	Multiple Segment MS/TP Repeater (Alerton MSTP-REP)	1,211.55	86.33
23 09 23 53-0045	EA	4 Inputs, 2 Flow Transducers, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD)	2,314.29	290.76
23 09 23 53-0046	EA	4 Inputs, 2 Flow Transducers, 3 Binary Triac Outputs, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD7)	2,452.81	290.76
23 09 23 53-0047	EA	4 Inputs, 1 Flow Transducers, 3 Hot-Switching Binary Triac Outputs, 2 Ground-Switching Binary Triac Outputs, Single-Duct VAV Controller (Alerton VAV-SD)	1,974.30	290.76
23 09 23 53-0048	EA	4 Universal Inputs, 5 Binary Outputs, 2 Analog Outputs, Single-Duct VAV Controller (Alerton VAV-SD2A)	2,167.39	290.76
23 09 23 53-0049	EA	5 Universal Inputs, 6 Binary Outputs, Integral Honeywell Actuator, Single-Duct VAV Controller (Alerton VAViH-SD)	2,158.99	290.76
23 09 23 53-0050	EA	11 Inputs, 8 Binary Triac Outputs, 8 Analog Outputs, BACtalk Field Controller For Central Plant Systems (Alerton VLC-1188)	3,267.12	290.76
23 09 23 53-0051	EA	16 Inputs, BACtalk Field Controller (Alerton VLC-1600)	2,504.02	290.76
23 09 23 53-0052	EA	16 Inputs, 16 Binary Triac Outputs, BACtalk Field Controller (Alerton VLC-16160)	3,760.13	387.68
23 09 23 53-0053	EA	4 Universal Inputs, 4 Binary Outputs, 4 Analog Outputs, Field Controller (Alerton VLC-444)	1,663.48	193.85
23 09 23 53-0054	EA	5 Inputs, 5 Binary Outputs, BACtalk Field Controller (Alerton VLC-550)	1,608.06	193.85
23 09 23 53-0055	EA	6 Inputs, 2 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-651R)	2,179.97	290.76
23 09 23 53-0056	EA	6 Inputs, 3 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-660R)	2,179.97	290.76
23 09 23 53-0057	EA	8 Inputs, 5 Binary Triac Outputs, 3 Analog Outputs, BACtalk Field Controller (Alerton VLC-853)	2,627.42	290.76
23 09 23 53-0058	EA	16 Universal Inputs, 8 Binary Outputs, 8 Analog Outputs, Field Controller (Alerton VLCA-1688)	5,230.08	387.68
23 09 23 53-0059	EA	2 Fixed Inputs, 3 Universal Inputs, 6 Binary Outputs, 2 Analog Outputs, VisualLogic Display Controller (Alerton VLD-362)	2,259.72	290.76
23 09 23 53-0060	EA	Wireless Door Contact Sensor (Alerton AL-OC-DS)	154.08	10.90
23 09 23 53-0061	EA	One-Speed BACtalk Microset Wall Sensor (Alerton MS-1010-BT)	251.80	10.90
23 09 23 53-0062	EA	One-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1010H-BT)	648.03	10.90
23 09 23 53-0063	EA	Three-Speed BACtalk Microset Wall Sensor (Alerton MS-1030-BT)	648.03	10.90
23 09 23 53-0064	EA	Three-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1030H-BT)	503.66	10.90
23 09 23 53-0065	EA	BACnet-Compliant Wall Sensor (Alerton TS-1050-BT)	167.86	10.90
23 09 23 53-0066	EA	Wireless Temperature And Humidity Sensor (Alerton WTS-1000-KIT)	684.14	10.90
23 09 23 53-0067	EA	Wireless Temperature And Humidity Sensor With Temperature Adjustment Knob And Manual Override (Alerton WTS-1050-KIT)	768.10	10.90
23 09 23 53-0068	EA	10 12-Bit Inputs, 12 Binary Triac Outputs Expansion Module (Alerton EXP-10-12-0)	3,258.73	290.76
23 09 23 53-0069	EA	10 12-Bit Inputs, 4 Binary Triac Outputs Expansion Module (Alerton EXP-10-4-8)	3,465.23	290.76
23 09 23 53-0070	EA	22 12-Bit Inputs Expansion Module (Alerton EXP-22-0-0)	3,287.27	290.76
23 09 23 53-0071	EA	50 Devices, Ascent Compass 1 Software, Small License (Alerton Compass-1-SM)	10,257.70	
23 09 23 53-0072	EA	Global Controller Base Unit (Alerton ACM)	5,588.22	290.76
23 09 23 53-0073	EA	External Battery Pack For ACM (Alerton ACM-BATT)	1,214.09	161.73
23 09 23 53-0074	EA	Licenses The ACM For Capacity Of 32 Directly Connected Devices (Alerton ACM032)	995.76	
23 09 23 53-0075	EA	Microset 4 Wall Sensor (Alerton MS4-THC)	1,141.18	10.90
23 09 23 53-0076		**Automated Logic Controls** *(23 09 23 53)*		
23 09 23 53-0077	EA	0 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0100)	3,675.67	290.76
23 09 23 53-0078	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0320)	8,206.97	872.29
23 09 23 53-0079	EA	2 Digital Outputs, 2 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M220nx)	2,530.56	290.76
23 09 23 53-0080	EA	4 Digital Outputs, 10 Universal Inputs, 6 Analog Outputs Standalone Control Module (Automated Logic M4106nx)	5,356.66	387.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0081	EA	8 Digital Outputs, 10 Universal Inputs, 2 Analog Outputs Standalone Control Module (Automated Logic M8102nx)	5,271.20	387.68
23 09 23 53-0082	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M16160)	8,491.46	775.37
23 09 23 53-0083	EA	8 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M880nx)	4,715.74	387.68
23 09 23 53-0084	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX0320)	4,735.32	290.76
23 09 23 53-0085	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX16160)	7,978.73	775.37
23 09 23 53-0086	EA	No Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642)	1,874.48	193.85
23 09 23 53-0087	EA	With Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642D)	2,002.07	193.85
23 09 23 53-0088	EA	3 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN341+)	2,774.47	193.85
23 09 23 53-0089	EA	1 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN141+)	2,678.33	193.85
23 09 23 53-0090	EA	Air Flow Sensor And Damper Actuator Accessory For ZN341V+ Or ZN141V+ (Automated Logic ZASF)	2,308.37	290.76
23 09 23 53-0091	EA	Unlimited Points, Front End Software For Building Control (Automated Logic WC)	14,102.36	
23 09 23 53-0092	EA	500 Point, Front End Software For Building Control (Automated Logic WC500)	8,889.54	
23 09 23 53-0093	EA	Enterprise Integration Option, Front End Software For Building Control (Automated Logic WC-ENTERPRISE)	11,651.21	

23 09 23 53-0094 Cypress Envirosystems Controls *(23 09 23 53)*

23 09 23 53-0095 Wireless Pneumatic Thermostat *(23 09 23 53-0094)*

Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.

23 09 23 53-0096	EA	Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2DP) Note: One for every thermostat to be retrofitted.	529.22	12.12
		For >50 To 200, Deduct	*-27.18*	
		For >200, Deduct	*-54.31*	
23 09 23 53-0097	EA	Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2RP) Note: One for every thermostat to be retrofitted.	529.22	12.12
		For >50 To 200, Deduct	*-27.18*	
		For >200, Deduct	*-54.31*	
23 09 23 53-0098	EA	Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1DP) Note: One for every thermostat to be retrofitted.	529.22	12.12
		For >50 To 200, Deduct	*-27.18*	
		For >200, Deduct	*-54.31*	
23 09 23 53-0099	EA	Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1RP) Note: One for every thermostat to be retrofitted.	529.22	12.12
		For >50 To 200, Deduct	*-27.18*	
		For >200, Deduct	*-54.31*	
23 09 23 53-0100	EA	Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2DP-DB) Note: One for every thermostat to be retrofitted.	602.03	12.12
		For >50 To 200, Deduct	*-31.23*	
		For >200, Deduct	*-62.40*	
23 09 23 53-0101	EA	Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2RP-DB) Note: One for every thermostat to be retrofitted.	602.03	12.12
		For >50 To 200, Deduct	*-31.23*	
		For >200, Deduct	*-62.40*	
23 09 23 53-0102	EA	Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB) Note: One for every thermostat to be retrofitted.	602.03	12.12
		For >50 To 200, Deduct	*-31.23*	
		For >200, Deduct	*-62.40*	
23 09 23 53-0103	EA	Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1RP-DB) Note: One for every thermostat to be retrofitted.	602.03	12.12
		For >50 To 200, Deduct	*-31.23*	
		For >200, Deduct	*-62.40*	
23 09 23 53-0104	EA	Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV) Note: Optional cover.	43.34	12.12
		For >50 To 200, Deduct	*-1.74*	
		For >200, Deduct	*-3.47*	
23 09 23 53-0105	EA	Green Box Controller (Cypress Envirosystems GBC-830-COM) Note: One unit for up to 100 thermostats.	4,766.68	12.12
		For 2, Deduct	*-238.08*	
		For >2, Deduct	*-475.74*	
23 09 23 53-0106	EA	WPT USB Hub (Cypress Envirosystems WPT-800-HUSB) Note: One unit for up to 100 thermostats.	458.29	12.12
		For 2, Deduct	*-24.81*	
		For >2, Deduct	*-49.57*	
23 09 23 53-0107	EA	WPT Repeater (Cypress Envirosystems WPT-800-RWAL) Note: One unit for up to 15 thermostats.	797.53	12.12
		For >5 To 10, Deduct	*-40.97*	
		For >10, Deduct	*-81.88*	
23 09 23 53-0108	EA	24 Volt, WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V) Note: One unit for up to 15 thermostats.	978.15	12.12
		For >5 To 10, Deduct	*-47.65*	
		For >10, Deduct	*-95.21*	

23 09 23 53-0109 Delta Controls *(23 09 23 53)*

23 09 23 53-0110 Software *(23 09 23 53-0109)*

Note: Excludes programming, set-up and commissioning of application.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0111	EA	Orca Software Unlimited Points License (Delta Controls DOW333-USB)	2,398.70	
23 09 23 53-0112	EA	Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-I-USB)	4,041.90	
23 09 23 53-0113	EA	Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB)	8,757.45	
23 09 23 53-0114	EA	Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB)	13,850.75	
23 09 23 53-0115	EA	Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB)	7,114.25	
23 09 23 53-0116	EA	Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB)	2,398.70	
23 09 23 53-0117	EA	100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01)	5,766.95	
23 09 23 53-0118	EA	1,000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02)	7,114.25	
23 09 23 53-0119	EA	KW Meter With H8163-2400-4-3 Series, With 3, 2,400 Amperes CT's And BACnet MS/TP Interface (Delta Controls H8186-CB)	2,519.02	121.16
23 09 23 53-0120	EA	Delta Controls Touch Screen (Delta Controls DHMI-7-I)	2,743.06	
23 09 23 53-0121		**EMCS Central Equipment And Controllers** *(23 09 23 53-0109)*		
23 09 23 53-0122	EA	Fully Programmable, Native BACnet Building Controller (Delta Controls DSC-1616E + DFM1616) Note: Includes 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup	8,703.54	484.60
23 09 23 53-0123	EA	Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA'S, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E)	6,547.86	484.60
23 09 23 53-0124	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	4,752.58	484.60
23 09 23 53-0125	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180)	4,752.58	484.60
23 09 23 53-0126	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	4,752.58	484.60
23 09 23 53-0127	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	4,424.28	484.60
23 09 23 53-0128	EA	VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF)	1,565.39	242.30
23 09 23 53-0129	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	1,420.56	242.30
23 09 23 53-0130	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	1,516.65	242.30
23 09 23 53-0131	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	1,420.56	242.30
23 09 23 53-0132	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616)	3,367.19	302.87
23 09 23 53-0133	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440)	837.76	121.16
23 09 23 53-0134	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404)	898.83	121.16
23 09 23 53-0135	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600)	1,057.20	121.16
23 09 23 53-0136		**Network, VAV And Special Sensors** *(23 09 23 53-0109)*		
23 09 23 53-0137	EA	BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24)	278.71	38.77
23 09 23 53-0138	EA	BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24)	378.50	43.62
23 09 23 53-0139	EA	Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B)	746.32	18.17
23 09 23 53-0140		**Honeywell Controls** *(23 09 23 53)*		
23 09 23 53-0141		**EMCS Central Equipment And Controllers** *(23 09 23 53-0140)*		
23 09 23 53-0142		**EMCS Network Area Controllers (BACnet Or Lon)** *(23 09 23 53-0141)* Note: Includes loading software, software license, loading data base and mounting on wall.		
23 09 23 53-0143	EA	Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 minimum RS-232 serial ports, 1 minimum RS-485 electrically isolated ports, 1 LonWorks port (supports 126 devices), and web user interface software.	12,089.20	590.61
23 09 23 53-0144	EA	Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 RS-485 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device).	8,238.15	590.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0145	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices.	6,285.88	590.61
23 09 23 53-0146	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack.	7,839.43	590.61
23 09 23 53-0147	EA	Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations.	6,232.39	590.61
23 09 23 53-0148	EA	Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card. NDIO port and MODBus TCP driver. Excludes RS232 and RS485.	6,232.39	590.61
23 09 23 53-0149	EA	16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	6,769.69	590.61
23 09 23 53-0150	EA	16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,333.73	590.61
23 09 23 53-0151	EA	16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	6,769.69	590.61
23 09 23 53-0152	EA	16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,333.73	590.61
23 09 23 53-0153	EA	34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,338.59	590.61
23 09 23 53-0154	EA	34 Point Web UI and BACnet IP Network Area Java Controller (Honeywell WEB-234-BU.) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	7,902.64	590.61
23 09 23 53-0155	EA	34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,338.59	590.61
23 09 23 53-0156	EA	34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	7,902.64	590.61
23 09 23 53-0157	EA	Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	7,812.68	590.61
23 09 23 53-0158	EA	Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only) Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	9,696.88	590.61
23 09 23 53-0159	EA	Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ) Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	10,277.94	590.61
23 09 23 53-0160	EA	Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ) Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	12,162.14	590.61
23 09 23 53-0161	EA	Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBs controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service.	10,304.68	590.61
23 09 23 53-0162	EA	Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACEs, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle.	13,895.59	590.61
23 09 23 53-0163		EMCS Network Interfaces *(23 09 23 53-0141)* Note: Includes installation, start-up and tech labor.		
23 09 23 53-0164	EA	Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001) Note: For desktop computer.	1,748.02	163.55
23 09 23 53-0165	EA	Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009) Note: For laptop computer.	1,486.67	109.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0166	EA	FTT-10 To FTT-10 Router (Honeywell Q7751A2010)	1,896.47	204.51
23 09 23 53-0167	EA	4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002)	2,906.64	295.37
23 09 23 53-0168	EA	Two Way Lon Repeater (Honeywell Q7740A1008)	1,498.97	295.37
23 09 23 53-0169	EA	FTT Termination Module For Network Bus (Honeywell 209541B)	108.33	36.35
23 09 23 53-0170		**DDC Application Specific Controller Assemblies** *(23 09 23 53-0141)*		
		Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor.		
23 09 23 53-0171	EA	Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,781.84	667.88
23 09 23 53-0172	EA	>10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,327.52	395.29
23 09 23 53-0173	EA	Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,972.65	782.37
23 09 23 53-0174	EA	>10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,518.34	509.78
23 09 23 53-0175	EA	Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,285.94	817.85
23 09 23 53-0176	EA	>10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	2,945.14	612.79
23 09 23 53-0177	EA	Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,490.36	940.51
23 09 23 53-0178	EA	>10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,122.26	719.76
23 09 23 53-0179	EA	Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,461.36	667.79
23 09 23 53-0180	EA	>10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,007.04	395.29
23 09 23 53-0181	EA	Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,711.29	817.85
23 09 23 53-0182	EA	>10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,256.86	545.18
23 09 23 53-0183	EA	Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	3,288.47	678.79
23 09 23 53-0184	EA	>10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	2,825.07	554.87
23 09 23 53-0185	EA	Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	3,538.40	940.50
23 09 23 53-0186	EA	>10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	3,074.88	625.14
23 09 23 53-0187	EA	Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	4,157.38	940.50
23 09 23 53-0188	EA	>10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	3,744.01	600.91
23 09 23 53-0189	EA	Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies	4,657.26	940.50
23 09 23 53-0190	EA	>10 Field Installed Application Specific Unit Ventilator Controller Assemblies	4,243.77	703.89
23 09 23 53-0191		**DDC Programmable Controller Assemblies** *(23 09 23 53-0141)*		
		Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 23 09 23 53-0198 for additional components.		
23 09 23 53-0192	EA	3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	2,824.89	722.43
23 09 23 53-0193	EA	Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	3,285.87	722.43
23 09 23 53-0194	EA	6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	4,411.42	849.64
23 09 23 53-0195	EA	Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	4,872.40	849.64
23 09 23 53-0196	EA	10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	8,060.53	995.02
23 09 23 53-0197	EA	Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	8,593.41	995.02
23 09 23 53-0198		**EMCS Optional DDC Controller Hardware** *(23 09 23 53-0141)*		
		Note: Used to expand the capacity of DDC programmable controller assemblies.		
23 09 23 53-0199	EA	6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005)	554.32	
		Note: For constant volume single zone and heat pump AHUs.		
23 09 23 53-0200	EA	6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011)	640.63	
		Note: For constant volume single zone and heat pump AHUs.		
23 09 23 53-0201	EA	3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001)	671.02	
		Note: For constant volume single zone and heat pump AHUs.		
23 09 23 53-0202	EA	VAV Controller Compatible Printed Wiring Board (Honeywell W7751B2010)	633.33	
23 09 23 53-0203	EA	VAV Controller With Internally Wired Subbase (Honeywell W7751D2016)	643.06	
23 09 23 53-0204	EA	VAV Controller With Externally Wired Subbase (Honeywell W7751F2011)	628.47	
23 09 23 53-0205	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751H2025)	540.95	
23 09 23 53-0206	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751J2004)	470.44	
23 09 23 53-0207	EA	Fan Coil Unit Controller With Electric Reheat Relay (Honeywell W7752F2002)	689.25	
23 09 23 53-0208	EA	Fan Coil Unit Controller Without Electric Reheat Relay (Honeywell W7752G2000)	616.31	
23 09 23 53-0209	EA	Unit Ventilator Controller With Heating, Cooling, Actuator And Fan Control (Honeywell W7753A2002)	680.74	
23 09 23 53-0210	EA	Building Manager, Monitor And Control HVAC Equipment (Honeywell W7760A2011)	1,445.36	
23 09 23 53-0211	EA	Plant Controller, Monitor And Control HVAC Equipment (Honeywell W7760C2017)	1,797.89	
23 09 23 53-0212	EA	Remote IO Device For Ancillary Point Monitoring And Control (Honeywell W7761A2002)	898.34	
23 09 23 53-0213	EA	Remote IO, UUKL-UL 864 Approved (Honeywell W7761A2010)	884.96	
23 09 23 53-0214	EA	Hydronic Controller Without Wall Module (Honeywell W7762B1027)	433.97	
23 09 23 53-0215	EA	Hydronic Controller With Built-in Wall Module (Honeywell W7763C1016)	493.54	
23 09 23 53-0216	EA	IO Module, 24 Volt AC Without Overrides (Honeywell XFC3A06001)	911.71	
23 09 23 53-0217	EA	IO Module, 24 Volt AC With Overrides (Honeywell XFC3D06001)	974.92	
23 09 23 53-0218	EA	AI Module (Honeywell XFL521B)	610.24	
23 09 23 53-0219	EA	AO Module (Honeywell XFL522B)	610.24	
23 09 23 53-0220	EA	DI Module (Honeywell XFL523B)	610.24	
23 09 23 53-0221	EA	DO Module (Honeywell XFL524B)	610.24	
23 09 23 53-0222	EA	Distributed IO, Lonwork Bus Connector Module With Endplate (Honeywell XSL511)	108.19	
23 09 23 53-0223	EA	Distributed IO, Terminal Block For AI, AO And DI Modules (Honeywell XSL513)	204.22	
23 09 23 53-0224	EA	Distributed IO, Terminal Block For DO Modules (Honeywell XSL514)	200.58	
23 09 23 53-0225	EA	Lon Analog IO Module, 24 Volt AC/DC, 10 Digital Inputs (Honeywell XIO-10DI)	613.88	
23 09 23 53-0226	EA	Lon Hub (Honeywell XIO-HUB)	91.17	
23 09 23 53-0227	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Outputs (Honeywell XIO-4AO)	613.88	
23 09 23 53-0228	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Inputs (Honeywell XIO-4DI)	565.26	
23 09 23 53-0229	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Outputs (Honeywell XIO-4DO)	565.26	
23 09 23 53-0230	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Inputs (Honeywell XIO-4NTC)	595.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0231	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog PT1000 Inputs (Honeywell XIO-4PT1000)	595.65	
23 09 23 53-0232	EA	Lon Analog IO, 24 Volt AC/DC, 8 Analog Inputs (Honeywell XIO-8AI)	857.01	
23 09 23 53-0233	EA	16 Point IO Module For Network Area Controllers (Honeywell WEB-IO-16) Note: Includes 8 universal inputs, 4 relay outputs, and 4 analog outputs.	1,011.39	
23 09 23 53-0234	EA	34 Point IO Module For Network Area Controllers (Honeywell W7750A2005) Note: Includes 16 universal inputs, 10 relay outputs, and 8 analog outputs.	2,149.20	
23 09 23 53-0235		EMCS Software *(23 09 23 53-0140)*		
23 09 23 53-0236		Software Packages And License *(23 09 23 53-0235)* Note: Includes installation on equipment.		
23 09 23 53-0237	EA	On Board Programming Tool For Network Area Controllers (Honeywell WP-AX-WEB) Note: Requires UI services to be installed on NAC.	685.60	
23 09 23 53-0238	EA	Software Upgrade To Provide Unrestricted Connected Device Limit (Honeywell WEB-403-EXUP-AX) Note: Upgrade existing network area controller. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	2,605.03	
23 09 23 53-0239	EA	WEBStation-AX Software For Windows (Honeywell WEB-S-AX) Note: Includes Archon database. WEBs controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes one copy of WP-AX (WEBPro-AX).	7,658.34	
23 09 23 53-0240	EA	Small Building WEBStation-AX Based Software (Honeywell WEB-S-AX-SBS) Note: For up to 3 NAC controllers. NAC controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes Archon database.	4,558.54	
23 09 23 53-0241	EA	Upgrade Small Building To Large Building Software Note: Upgrade WEB-S-AX-SBS to WEB-S-AX.	5,157.81	
23 09 23 53-0242	EA	Additional Copy Of WEBPro-AX (Honeywell WEB-S-AX-W) Note: One copy is included with WEB-S-AX and WEBStation-AX.	3,607.60	
23 09 23 53-0243	EA	WEBs Energy Suite (WES) Base Software (Honeywell WES-BASE-AX) Note: Includes license for 10 points of E^2 Profiler and 2 licensed meters of Cost Profiler. Limit of one WES-BASE per WEBStation-AX Supervisor. Additional E^2 Profiler point requirements or Cost Profiler meter requirements may use one or any combination of point/meter bundles. One WES-BASE required per WES project.	6,458.20	
23 09 23 53-0244	EA	Perpetual License One Meter Point Bundle Of A Cost Profiler Meter And Two E^2 Profiler Points (Honeywell WES-CP-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any combination of other EP points and CP meters.	811.69	
23 09 23 53-0245	EA	Perpetual License For One Point Of E^2 Profiler (Honeywell WES-E2-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any number of other EP Points and Cost Profiler meters.	526.03	
23 09 23 53-0246	EA	Perpetual License For An Unlimited Bundle Of E2 Points And CP Meters Note: Sold on a per server basis. Purchase of this product must be accompanied by VES-M1-ENT-AX maintenance. The first year price of maintenance is included with VES-ENT-AX.	35,151.46	
23 09 23 53-0247	EA	Annual Maintenance For Enterprise WEBs-AX Energy Suite (Honeywell WES-M1-ENT-AX) Note: The first year cost of VES-M1-ENT-AX is included with VES-ENT-AX. After the first year VES-M1-ENT-AX maintenance fee will be invoiced annually.	32,060.18	
23 09 23 53-0248	EA	Standard WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX)	12,212.02	
23 09 23 53-0249	EA	Small WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX-SBS)	9,112.21	
23 09 23 53-0250	EA	Add 500 Modbus TCP Points To WEBStation With WS-OSD Option (Honeywell WS-MTCP-500)	2,634.23	
23 09 23 53-0251	EA	Add 500 OPC Points To WEBStation With WS-OSD Option (Honeywell WS-OPC-500)	2,634.23	
23 09 23 53-0252	EA	Vykon Oracle Driver For Support Of Oracle Database (Honeywell WS-ORCL) Note: Excludes Oracle.	18,234.15	
23 09 23 53-0253	EA	Open System Driver Option (Honeywell WS-SNMP-500) Note: Adds 25 points each of BACnet IP, OPC (client), Modbus TCP and SNMP to a standard WEBStation. Can be purchase with the WS or added later. Web Supervisor required to purchase this option.	2,431.22	
23 09 23 53-0254	EA	Add 500 SNMP Points To WEBStation With WS-OSD Option (Honeywell WS-SNMP-500)	2,634.23	
23 09 23 53-0255	EA	WEBStation Software WS-1 And First Copy Of WEBPro Software (Honeywell ZW2000A1003) Note: For a single Honeywell WEB NP controller. Excludes software keys for the additional nodes.	6,888.86	
23 09 23 53-0256	EA	WEBStation Additional Node (Honeywell ZW2000B1002)	2,634.23	
23 09 23 53-0257	EA	WEBStation Software And 20 Pack Of Node Software Keys (Honeywell ZW2000C1001)	44,167.97	
23 09 23 53-0258	EA	WEBStation Software And 50 Pack Of Node Software Keys (Honeywell ZW2000D1000)	81,041.07	
23 09 23 53-0259	EA	WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009)	141,821.57	
23 09 23 53-0260	EA	Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008)	7,293.66	
23 09 23 53-0261	EA	Additional Master WEBStation Software Licenses (Honeywell ZW200G1007)	3,646.83	
23 09 23 53-0262	EA	Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001)	2,858.78	
23 09 23 53-0263	EA	Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055) Note: As with other WEBs, capacity is limited by the characteristics of the application including size and complexity.	3,152.05	
23 09 23 53-0264		Initial Database Generation *(23 09 23 53-0235)*		
23 09 23 53-0265	PNT	Database Generation For Central Plant	81.29	
23 09 23 53-0266	PNT	Database Generation For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	81.29	
23 09 23 53-0267	EA	Database Generation For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	81.29	
23 09 23 53-0268	EA	Replication Of Database Generation For Application Specific Controller Note: Price per copy made.	56.58	
23 09 23 53-0269	EA	Database Generation For Remote IO Modules, Sensors, Etcetera	56.58	
23 09 23 53-0270		Application Software Programs *(23 09 23 53-0235)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0271	EA	Basic Application Program Package Note: One per project. Includes program inputs, command priorities, alarms, trends for analog and digital points, energy totalization, schedules, calendars, special events, occupied and unoccupied setpoints, ventilation and recirculation modes, hot water reset program, chilled water reset program, condenser water reset program, and fail-over logic.	3,392.22	
23 09 23 53-0272	EA	Optimum Start/Stop Program Note: Priced per controller requiring optimum start programming.	113.40	
23 09 23 53-0273	EA	Duty Cycling Program	53.55	
23 09 23 53-0274	EA	Hot Deck/Cold Deck Reset Application Program	5,827.72	
23 09 23 53-0275	EA	Boiler Optimization Program	7,636.86	
23 09 23 53-0276	EA	Chiller Optimization Program	10,344.90	
23 09 23 53-0277	EA	Lighting Control Program	4,992.05	
23 09 23 53-0278	EA	Demand Limiting Program Note: Priced per controller requiring optimum start programming.	99.46	
23 09 23 53-0279	EA	Email Alarm Server Configuration	3,851.15	
23 09 23 53-0280		**Color Graphics Generation** *(23 09 23 53-0235)* Note: Priced per page.		
23 09 23 53-0281	EA	Single Site Home Page Graphics Page With HTML Navigation Code	2,032.69	
23 09 23 53-0282	EA	Multi Site Home Page Graphics Page With HTML Navigation Code	3,608.95	
23 09 23 53-0283	EA	Color Graphics Page For Central Plant	923.54	
23 09 23 53-0284	EA	Color Graphics Page For Building Floor Plan	852.78	
23 09 23 53-0285	EA	Replication Of Color Graphics Page For Central Plant	463.28	
23 09 23 53-0286	EA	Color Graphics Page For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	1,038.99	
23 09 23 53-0287	EA	Replication Of Color Graphics Page For Programmable Controller Note: Priced per copy made.	222.19	
23 09 23 53-0288	EA	Color Graphics Page For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	960.97	
23 09 23 53-0289	EA	Replication Of Color Graphics Page For Application Specific Cont Note: Priced per copy made.	96.07	
23 09 23 53-0290		**Sensors, Actuators And Control Devices** *(23 09 23 53-0140)* Note: Includes installation, startup, checkout and miscellaneous parts for installation. Excludes conduit, wire and cable. Excludes engineering and programming labor. Each device is considered one control point. No engineering or programming time required for replacement parts.		
23 09 23 53-0291		**Special Sensors** *(23 09 23 53-0290)*		
23 09 23 53-0292	EA	Dewpoint Sensor (Honeywell C7232B1014)	2,154.05	74.99
23 09 23 53-0293	EA	Enthalpy Sensor -25 To 125 F	2,247.98	74.99
23 09 23 53-0294	EA	Outdoor Mounted Temperature And Humidity Transmitter (Honeywell H7635C1002)	1,007.72	149.99
23 09 23 53-0295	EA	Freezestat (Honeywell L482A1004)	691.59	249.93
23 09 23 53-0296	EA	Wall Mounted Occupancy Sensor	499.31	74.99
23 09 23 53-0297	EA	Ceiling Mounted Occupancy Sensor	395.76	74.99
23 09 23 53-0298	EA	I/P Positioner With Gauge	466.29	74.99
23 09 23 53-0299	EA	Non Communicating Duct Mounted Smoke Detector With Sampling Tube	558.11	74.99
23 09 23 53-0300	EA	EP Transducer	466.29	50.03
23 09 23 53-0301	EA	Electric Heat Sequencer	738.93	99.95
23 09 23 53-0302		**Meters** *(23 09 23 53-0290)*		
23 09 23 53-0303	EA	208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer	4,756.78	599.70
23 09 23 53-0304	EA	208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer With LON interface	6,897.03	699.65
23 09 23 53-0305	EA	1 To 300 Amperes, Current Transformer For KW Meter	1,650.75	249.93
23 09 23 53-0306	EA	300 To 800 Amperes, Current Transformer For KW Meter	1,892.77	249.93
23 09 23 53-0307	EA	800 To 2,400 Amperes, Current Transformer For KW Meter	2,356.91	249.93
23 09 23 53-0308		**Direct Coupled Actuators** *(23 09 23 53-0290)*		
23 09 23 53-0309	EA	44 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4105A1002)	612.00	89.30
23 09 23 53-0310	EA	88 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4110A1200)	680.19	89.30
23 09 23 53-0311	EA	175 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4120A1209)	797.42	89.30
23 09 23 53-0312	EA	44 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8105A1008)	572.11	89.30
23 09 23 53-0313	EA	88 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8110A1206)	645.43	89.30
23 09 23 53-0314	EA	175 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8120A1205)	718.05	89.30
23 09 23 53-0315	EA	44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator	649.45	89.30
23 09 23 53-0316	EA	88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7510A2206)	754.00	89.30
23 09 23 53-0317	EA	175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7520A2205)	866.86	89.30
23 09 23 53-0318	EA	44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7505A2209)	517.71	89.30
23 09 23 53-0319	EA	88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7510A2209)	573.38	89.30
23 09 23 53-0320	EA	175 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6120A1200)	685.23	89.30
23 09 23 53-0321	EA	175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7220A2007)	737.88	89.30
23 09 23 53-0322	EA	300 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6134A10030)	737.22	89.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0323	EA	300 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7234A2008)	881.60	89.30
23 09 23 53-0324	EA	Pneumatic Spring Return Damper Actuator Without Positive Positioner (Honeywell MP909E1018)	540.53	89.30
23 09 23 53-0325	EA	Pneumatic Spring Return Damper Actuator With Positive Positioner (Honeywell MP909H1368)	964.51	89.30
23 09 23 53-0326	EA	Foot Mount Kit With Damper Linkage And Connectors For Direct Coupled Actuator	401.17	89.30
23 09 23 53-0327	EA	Direct Coupled Damper Actuator Enclosure For Outdoor Use	620.50	89.30
23 09 23 53-0328		Thermostats *(23 09 23 53-0140)*		
23 09 23 53-0329		Electric And Electronic Thermostats *(23 09 23 53-0328)*		
		Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as one control point.		
23 09 23 53-0330	EA	Line Voltage 120 Volt, Heat/Cool Thermostat (Honeywell T651A3018)	218.97	18.17
23 09 23 53-0331	EA	Electronic Non Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell TH5320)	236.25	18.17
23 09 23 53-0332	EA	Electronic Programmable Heating/Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6110)	217.05	18.17
23 09 23 53-0333	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6220)	243.35	18.17
23 09 23 53-0334	EA	Electronic Programmable Three Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6320)	263.12	18.17
23 09 23 53-0335	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321)	389.82	18.17
23 09 23 53-0336	EA	Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7351F)	570.27	18.17
23 09 23 53-0337	EA	Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H)	927.11	18.17
23 09 23 53-0338	EA	Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M)	989.11	18.17
23 09 23 53-0339		Pneumatic Thermostats *(23 09 23 53-0328)*		
		Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point.		
23 09 23 53-0340	EA	Pneumatic Thermostat (Honeywell TP970B2182)	306.13	18.17
23 09 23 53-0341		Thermostats Guards *(23 09 23 53-0328)*		
23 09 23 53-0342	EA	9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009)	73.69	18.17
23 09 23 53-0343	EA	7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511)	88.09	18.17
23 09 23 53-0344	EA	5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510)	82.90	18.17
23 09 23 53-0345		Johnson Controls *(23 09 23 53)*		
23 09 23 53-0346		Software *(23 09 23 53-0345)*		
		Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0347	EA	5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0)	19,528.40	
23 09 23 53-0348	EA	10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0)	23,096.71	
23 09 23 53-0349	EA	N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0)	1,132.20	
23 09 23 53-0350	EA	N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2)	1,720.27	
23 09 23 53-0351	EA	BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0)	3,054.30	
23 09 23 53-0352	EA	BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0)	1,142.16	
23 09 23 53-0353	EA	New User FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-0)	1,135.48	
23 09 23 53-0354	EA	Upgrade FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-6)	408.08	
23 09 23 53-0355		Supervisory Controllers *(23 09 23 53-0345)*		
23 09 23 53-0356	EA	NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2)	8,480.07	484.60
23 09 23 53-0357	EA	NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2)	13,186.05	484.60
23 09 23 53-0358	EA	NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1)	17,902.47	484.60
23 09 23 53-0359	EA	NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0)	6,667.34	484.60
23 09 23 53-0360		Controllers *(23 09 23 53-0345)*		
23 09 23 53-0361	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0)	984.68	121.16
23 09 23 53-0362	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0)	1,298.48	242.30
23 09 23 53-0363	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2610-0)	1,689.35	242.30
23 09 23 53-0364	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0)	2,003.13	242.30
23 09 23 53-0365	EA	BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0)	804.66	121.16
23 09 23 53-0366	EA	BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0)	884.68	121.16

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23 09 23 53-0367	EA	BACnet MS/TP 12 Point I/O Module with 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0)	1,004.70	121.16
23 09 23 53-0368	EA	17 Point I/O Module with 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IOU4710-0)	1,020.69	121.16
23 09 23 53-0369	EA	BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2)	2,084.78	242.30
23 09 23 53-0370	EA	32-bit, Integrated VAV Controller/Actuator/DPT, 3 UI, 3 BO, and 2 CO; 24 Volt AC; Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1630-0)	999.26	121.16
23 09 23 53-0371	EA	32-bit, Integrated VAV Controller/Actuator/Pressure Sensor - DPT, 3 UI and 3 BO, 2 CO, 24 Volt AC, and Sensor Actuator Bus (Johnson Controls MS-VMA1930-0) Note: Includes 6-pin Sensor Port for use with TE-7xx Series Non-Communicating Sensors and two Ethernet Ports for BACnet/IP Communications	1,455.59	121.16

23 09 23 53-0372 Master FX Controllers *(23 09 23 53-0345)*

23 09 23 53-0373	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X00-000C)	2,635.24	242.30
23 09 23 53-0374	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X01-000C)	2,824.86	242.30
23 09 23 53-0375	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X02-000C)	2,919.08	242.30
23 09 23 53-0376	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X03-000C)	2,861.82	242.30
23 09 23 53-0377	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X04-000C)	2,772.33	242.30
23 09 23 53-0378	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X11-000C)	2,786.68	242.30
23 09 23 53-0379	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X14-000C)	2,772.33	242.30
23 09 23 53-0380	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X50-000C)	2,825.06	242.30
23 09 23 53-0381	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X51-000C)	2,988.82	242.30
23 09 23 53-0382	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X52-000C)	3,097.99	242.30
23 09 23 53-0383	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X53-000C)	3,043.40	242.30
23 09 23 53-0384	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X54-000C)	2,931.66	242.30
23 09 23 53-0385	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X60-000C)	2,825.06	242.30
23 09 23 53-0386	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X61-000C)	2,988.82	242.30
23 09 23 53-0387	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X62-000C)	3,097.99	242.30
23 09 23 53-0388	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X63-000C)	3,043.40	242.30
23 09 23 53-0389	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X64-000C)	2,931.66	242.30
23 09 23 53-0390	EA	N2 Open Communication Card For FX16 (Johnson Controls LP-NET151-010C)	314.57	60.57
23 09 23 53-0391	EA	LON Communication Card For FX15 and FX16 (Johnson Controls LP-NET152-010C)	448.91	60.57
23 09 23 53-0392	EA	RS-232 Communication Card For FX16 (Johnson Controls LP-NET163-000C)	352.28	60.57
23 09 23 53-0393	EA	BACnet Communications Card For FX16 (Johnson Controls LP-NET164-000C)	314.57	60.57
23 09 23 53-0394	EA	Remote Medium User Interface For FX16 (Johnson Controls LP-DIS60P20-0C)	871.03	60.57
23 09 23 53-0395	EA	Facility Explorer Extension I/O Module (Johnson Controls LP-XT91D00-000C)	801.92	60.57
23 09 23 53-0396	EA	5 UI, 4 BI, 3 AO, 6 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X01-000C)	818.11	60.57
23 09 23 53-0397	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X11-000C)	818.11	60.57
23 09 23 53-0398	EA	5 UI, 4 BI, 3 AO, 6 Relay DO (Manual Overrides For 2 AO And 4 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X51-000C)	898.93	60.57
23 09 23 53-0399	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO (Manual Overrides For 2 AO, 2 Triac DO, And 2 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X61-000C)	898.93	60.57
23 09 23 53-0400	EA	6 UI, 12 BI, 4 AO, 9 Relay DO Expansion I/O Module (Johnson Controls LP-XM14X01-000C)	1,131.29	60.57
23 09 23 53-0401	EA	6 UI, 12 BI, 4 AO, 4 Triac DO Expansion I/O Module (Johnson Controls LP-XM14X11-000C)	1,131.29	60.57
23 09 23 53-0402	EA	6 UI, 12 BI, 4 AO, 9 Relay DO (Manual Overrides For 3 AO And 7 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X51-000C)	1,262.62	60.57
23 09 23 53-0403	EA	6 UI, 12 BI, 4 AO, 4 Triac DO, 5 Relay DO (Manual Overrides For 3 AO, 2 Triac DO, And 5 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X61-000C)	1,262.62	60.57

23 09 23 53-0404 VAV, Network And Special Sensors *(23 09 23 53-0345)*

23 09 23 53-0405	EA	3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0)	595.57	38.77
23 09 23 53-0406	EA	3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0)	198.79	38.77
23 09 23 53-0407	EA	3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0)	460.77	38.77
23 09 23 53-0408	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0)	689.57	38.77
23 09 23 53-0409	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0)	228.50	38.77
23 09 23 53-0410	EA	3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2,000 ppm (Johnson Controls NS-BCN7004-0)	625.06	38.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0411		**Sensors - Hard Wired Type** *(23 09 23 53-0345)*		
23 09 23 53-0412	EA	Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00)	192.38	69.78
23 09 23 53-0413	EA	Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0)	164.82	38.77
23 09 23 53-0414	EA	BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2) Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment.	463.40	18.17
23 09 23 53-0415	EA	BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2) Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 Volt DC control input, three speeds of fan control, and dehumidification capability.	627.62	18.17
23 09 23 53-0416	EA	BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627VVT-2) Note: For VVT systems.	464.31	18.17
23 09 23 53-0417	EA	BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2)	610.41	38.77
23 09 23 53-0418	EA	BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR)	752.52	38.77
23 09 23 53-0419		**Melink Intelli-Hood IH3 Controls** *(23 09 23 53)*		
23 09 23 53-0420		**Kitchen Ventilation Controllers** *(23 09 23 53-0419)*		
23 09 23 53-0421	EA	Fully Programmable Kitchen Ventilation Controller (Melink Intelli-Hood 2SYS-3001) Note: RS-485 communication protocol supports up to 39 Hood Controllers, 10 graphical user interface devices, 10 auxiliary power supplies, and 10 auxiliary light controllers. Modbus VFD communications interface for support of up to 64 variable frequency drives, programmable I/O points. Includes 3 digital inputs, 4 digital outputs, 1 analog output, and 1 analog input. BACnet over TCP/IP Interface, Real-Time Clock with battery back-up.	9,853.65	484.60
23 09 23 53-0422	EA	Graphical User Interface (Melink Intelli-Hood 2KPD-3001) Note: Full color 2.5" display and programming interface device. RS-485 communication protocol for interface with main controller.	1,869.03	99.95
23 09 23 53-0423	EA	Hood Controller (Melink Intelli-Hood 2SEN-3001) Note: 6 point field I/O device, RS-485 communication protocol, supports up to 4 field temperature sensors and 1 optic sensor system.	3,046.96	403.43
23 09 23 53-0424		**Kitchen Ventilation Sensors** *(23 09 23 53-0419)*		
23 09 23 53-0425	EA	Duct Mount Stainless Steel RTD (Melink Intelli-Hood 2SEN-3005-Q) Note: Includes UL listed mounting compression fitting, stainless steel probe protection sleeve, RJ-45 communication connector.	551.14	69.78
23 09 23 53-0426	EA	Optic Sensor System For Detection Of Cooking Effluent (Melink Intelli-Hood 2SEN-3004-28) Note: Includes air purge unit, infrared emitter/receiver with stainless steel housings. Auto-calibration, 0.2 second response time, conformal-coated circuit boards, purge pipe assembly complete with UL listed compression fittings, communication interface cables and blower box assembly.	4,735.51	387.68
23 09 23 53-0427		**Siemens Controls** *(23 09 23 53)*		
23 09 23 53-0428	EA	Concealed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1083)	447.14	18.17
23 09 23 53-0429	EA	Exposed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1085)	315.46	18.17
23 09 23 53-0430	EA	SPST/Manual Reset, 1" To 12" Set Point Range, Differential Static Pressure Airflow Switch (Siemens 141-0575)	325.08	81.84
23 09 23 53-0431	EA	-0.5" To 0.5" WG, Low Differential Pressure Transmitter (Siemens 141-0591)	493.19	81.84
23 09 23 53-0432	EA	Spring Clip Mounting Kit For Thermostat (Siemens 182-685)	75.71	12.12
23 09 23 53-0433	EA	Two Position, Pneumatic Circuit, RL243 Switching Relay (Siemens 243-0001)	253.23	121.16
23 09 23 53-0434	EA	3/4" Two Way, Normally Closed, 6.3 Cv, FxF, Brass Trim, Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 260-02012)	407.38	18.87
23 09 23 53-0435	EA	1" Three Way, 10 Cv, FxF, Stainless Steel Trim. Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 266-02079)	718.25	34.26
23 09 23 53-0436	EA	1" Three Way, 10 Cv, FxF, Brass Trim, 0 To 10 Volt DC, 4 To 20 mA Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 274-03203)	1,456.65	34.26
23 09 23 53-0437	EA	1-1/4" Two Way, 16 Cv, FxF, Stainless Steel Trim, 0 To 10 Volt DC Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 298-03006)	1,227.59	43.41
23 09 23 53-0438	EA	36" Rigid Probe, 4 To 20 mA, 20 To 120 Degree F Range, Duct Averaging Sensor (Siemens 535-490-36)	325.60	69.78
23 09 23 53-0439	EA	-58 To 122 Degree F Range, Outside Air Temperature Sensor (Siemens 536-768)	273.74	38.77
23 09 23 53-0440	EA	Unit Conditioner Controller With Secure Mode (Siemens 540-110C)	596.72	57.18
23 09 23 53-0441	EA	9-Pin, Female To RJ-11 Cable (Siemens 540-143)	108.82	6.05
23 09 23 53-0442	EA	Terminal Box Controller, Electronic Output, For Trane (Siemens 540-800)	965.94	116.31
23 09 23 53-0443	EA	MMI Extension Cable (Siemens 545-712)	182.46	6.05
23 09 23 53-0444	EA	Remote Pressure Transmitter (Siemens 547-003)	1,436.58	38.77
23 09 23 53-0445	EA	Cooling Only, GDE, BACnet Actuating Terminal Equipment Controller (Siemens 550-400)	882.07	29.07
23 09 23 53-0446	EA	BACnet Unit Conditioner Fan Coil Controller (Siemens 550-433)	765.53	77.54
23 09 23 53-0447	EA	Door Lock And Key Assembly (Siemens 567-225)	42.29	24.23
23 09 23 53-0448	EA	Insight Advanced Software Package (Siemens 571-010-381-USB) Note: Includes one user license and one sentinel key.	14,557.69	
23 09 23 53-0449	EA	BACnet Client Option For Insight Advanced Software Package (Siemens 571-188)	519.53	
23 09 23 53-0450	EA	Soft Controller Option For Insight Advanced Software Package (Siemens 571-620)	3,211.38	
23 09 23 53-0451	EA	1" Steam, Normally Open, 10 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03059)	478.28	11.39
23 09 23 53-0452	EA	2" Steam, Normally Open, 40 Cv, Stainless Steel Trim, Class 250 Glove Valve (Siemens 599-03062)	1,009.22	19.74
23 09 23 53-0453	EA	Firefinder XLS Driver, Modular Equipment Controller With RS-485 BLN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, HOA-Ready (Siemens 986-83481C)	9,557.91	48.46
23 09 23 53-0454	EA	SiPass Driver, Modular Equipment Controller With RS-485 ALN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, Modem With HOA (Siemens 986-83482F)	11,260.92	48.46
23 09 23 53-0455	EA	7" x 13-7/16" x 3-3/4" Weather Shield (Siemens ASK75.3U)	175.55	18.17

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0456	EA	Two Position, 24 Volt AC/Volt DC, Standard Cabling, Dual Auxiallary Switches, Electronic Damper Actuator With Spring Return (Siemens GMA126.1U)	424.89	43.30
23 09 23 53-0457	EA	Modulating, 0 To 10 Volt DC, 24 Volt AC/Volt DC, Standard Cabling, Electronic Damper Actuator With Spring Return (Siemens GMA161.1U)	454.45	43.30
23 09 23 53-0458	EA	License To Enable 4 TX-I/O Modules On the Island Bus And FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-36.A)	4,231.64	
23 09 23 53-0459	EA	License To Enable FLN Support On PXC-16 or PXC-24 "F" Models (Siemens LSM-FLN)	854.48	
23 09 23 53-0460	EA	License To Enable FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-FLN36.A)	2,750.07	
23 09 23 53-0461	EA	License To Enable BACnet Field Panel Web Server (PXC-36) Or Web Services (PXC-16/24) (Siemens LSM-FPWEB)	1,968.67	
23 09 23 53-0462	EA	License To Enable 4 TX-I/O Modules On the Island Bus On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-IB36.A)	1,692.36	
23 09 23 53-0463	EA	License To Enable SNMP Agent License To Enable SNMP Agent (Siemens LSM-SNMP)	5,003.38	
23 09 23 53-0464	EA	16-Switch HOA Upgrade Kit (Siemens PXA16-M)	796.18	2.42
23 09 23 53-0465	EA	16-Switch HOA Upgrade Kit (Extended Temp, UL 916) With HMI Cable (Siemens PXA16-MR)	888.50	9.69
23 09 23 53-0466	EA	8-Switch HOA Upgrade Kit (Siemens PXA8-M)	450.45	2.42
23 09 23 53-0467	EA	18" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC18)	446.86	67.84
23 09 23 53-0468	EA	19" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC19)	778.69	67.84
23 09 23 53-0469	EA	34" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC34)	1,091.92	77.54
23 09 23 53-0470	EA	Serial Cable Required For HOA Or PXM10T/S Connection To Non-Rooftop Variants Of The 16-Point And 24-Point Compact Series (Siemens PXA-HMI.CABLEP5)	40.22	12.12
23 09 23 53-0471	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB115V192VA)	785.37	30.29
23 09 23 53-0472	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB115V384VA)	1,260.23	30.29
23 09 23 53-0473	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB230V192VA)	960.32	30.29
23 09 23 53-0474	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB230V384VA)	1,460.19	30.29
23 09 23 53-0475	EA	PXC Modular, BACnet/IP Or MS/TP ALN, P1 Or MS/TP FLN, PXX-485.3 Is Also Required As The Connection To The FLN Devices (Siemens PXC00-E96.A)	4,272.43	60.57
23 09 23 53-0476	EA	PXC Modular Series For BACnet Networks, TX-I/O Module, 96 Node (Siemens PXC100-E96.A)	5,525.95	60.57
23 09 23 53-0477	EA	Peer To Peer, TX-I/O, 96 Node, APOGEE Automation System, Programmable Controller - Modular (Siemens PXC100-PE96.A)	6,295.55	60.57
23 09 23 53-0478	EA	16 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC16.2-E.A)	1,732.08	60.57
23 09 23 53-0479	EA	16 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC16.2-EF.A)	2,071.07	60.57
23 09 23 53-0480	EA	16 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC16.2-M.A)	1,846.46	60.57
23 09 23 53-0481	EA	24 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC24.2-E.A)	2,525.55	60.57
23 09 23 53-0482	EA	24 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-EF.A)	2,759.62	60.57
23 09 23 53-0483	EA	24 Point, BACnet/IP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-ER.A)	2,701.55	60.57
23 09 23 53-0484	EA	24 Point, BACnet/IP ALN, Rooftop, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-ERF.A)	2,911.27	60.57
23 09 23 53-0485	EA	24 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC24.2-M.A)	2,696.26	60.57
23 09 23 53-0486	EA	24 Point, MS/TP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-MR.A)	2,909.84	60.57
23 09 23 53-0487	EA	36 Point, BACnet/IP Or MS/TP ALN Compact Programmable Controller (Siemens PXC36-E.A)	3,750.60	60.57
23 09 23 53-0488	EA	36 Point, BACnet/IP or MS/TP ALN, Island Bus, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC36-EF.A)	7,483.73	60.57
23 09 23 53-0489	EA	License To Enable The Island Bus On PXC00-E96.A and PXC00-PE96.A (Siemens PXF-TXIO.A)	1,269.52	
23 09 23 53-0490	EA	Controller Mounted Operator Display Module With Point Monitor And Optional Blue Backlight (Siemens PXM10S)	506.09	30.29
23 09 23 53-0491	EA	Controller Mounted Operator Display Module (Siemens PXM10T)	369.01	30.29
23 09 23 53-0492	EA	Provides FLN Support For The PXC Modular (Siemens PXX-485.3) Note: Includes Three RS-485 P1 FLN Connections Or One MS/TP FLN Connection, Maximum Of 96 Devices Supported	840.52	24.23
23 09 23 53-0493	EA	Full Feature With Display, Override And Temperature Setpoint Adjustment, Room Temperature Sensor, 10K Ohm Type III Thermistor (Siemens QAA22SS.FWSN)	285.22	30.29
23 09 23 53-0494	EA	Digital Temperature Room Unit for TEC, Sensing, Setpoint, Override, Display, No Logo (Siemens QAA2280.FWNC)	278.78	38.77
23 09 23 53-0495	EA	4" Platinum, 1,000 Ohm, 385 Alpha Probe, Immersion Temperature Sensor (Siemens QAE2012.010)	138.99	30.29
23 09 23 53-0496	EA	8" Platinum, 1,000 Ohm, 385 Alpha Probe, Duct Temperature Sensor (Siemens QAM2012.020)	103.93	30.29
23 09 23 53-0497	EA	24' Flexible Averaging Probe (Siemens QAM2012.750)	305.69	60.57
23 09 23 53-0498	EA	2 Meter Flexible Duct Temperature Sensor With Four Mounting Clamps (Siemens QAM2120.200)	195.55	45.43
23 09 23 53-0499	EA	10 HP, 240 Volt, NEMA 2 Variable Frequency Drive (Siemens SED2-7.5/22X)	3,417.82	390.35
23 09 23 53-0500	EA	Two Sets, Address Keys 1 - 12, Accessory For TX-I/O Module (Siemens TXA1.K12)	36.64	12.12
23 09 23 53-0501	EA	Labels For HOA And TX-I/O Modules (Siemens TXA1.LLT-P100)	0.83	
23 09 23 53-0502	EA	16 Digital Input Module (Siemens TXM1.16D)	629.62	12.12
23 09 23 53-0503	EA	6 Digital Output Relay Points, Manual Override, Digital Output Module (Siemens TXM1.6R-M)	953.05	12.12
23 09 23 53-0504	EA	8 Universal Points, Local Override/Identification, Digital Output Module (Siemens TXM1.8X-ML)	1,530.23	24.23
23 09 23 53-0505	EA	1.2 A, 4A Fuse, Power Supply (Siemens TXS1.12F4)	467.68	7.27

23 09 23 53-0506 Trane Controls *(23 09 23 53)*

23 09 23 53-0507 Software *(23 09 23 53-0506)*

Note: Excludes programming, set-up and commissioning of application.

23 09 23 53-0508	EA	Summit + Building Management Package (Trane 40201152)	7,232.16	
23 09 23 53-0509	EA	Summit Current Version Software (Trane 40201111)	4,086.58	
23 09 23 53-0510	EA	Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113)	985.99	
23 09 23 53-0511	EA	Rover Service Software And Hardware, Complete Kit (Trane X1365150001)	4,061.91	
23 09 23 53-0512	EA	Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMSC000AAA011000)	11,216.69	

23 09 23 53-0513 EMCS Central Equipment And Controllers *(23 09 23 53-0506)*

23 09 23 53-0514	EA	Summit BTMX Operator Display Upgrade (Trane 40201224)	6,301.64	484.60
23 09 23 53-0515	EA	Summit BTMX Retrofit Kit For BMTS And BMTW BCU (Trane 49500531)	14,303.83	484.60
23 09 23 53-0516	EA	Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532)	14,303.83	484.60
23 09 23 53-0517	EA	Summit BTMX, 120 Volt, (Trane BMTX-001-A-A-B0-00)	12,566.27	484.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0518	EA	Summit BTMX, 120 Volt, With Display (Trane BMTX-001-A-A-B0-10)	14,586.51	484.60
23 09 23 53-0519	EA	Summit CCP Upgrade ROM Kit (Trane 40201095)	221.74	30.29
23 09 23 53-0520	EA	Summit Comm5 Repeater (Trane 49500457)	1,710.71	242.30
23 09 23 53-0521	EA	AHU Controller MP580/581 E Board Only (Trane 40201157)	2,905.42	302.87
23 09 23 53-0522	EA	AHU Controller MP581 120 Volt AC With Enclosure And Display (Trane BMTM000AAC01)	3,727.66	363.46
23 09 23 53-0523	EA	AHU Controller MP581 120 Volt AC With Enclosure, No Display (Trane BMTM000AAC00)	2,924.76	363.46
23 09 23 53-0524	EA	AHU Controller MP581 Operator Door Display (Trane 40201156)	2,471.77	363.46
23 09 23 53-0525	EA	AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491)	2,469.23	363.46
23 09 23 53-0526	EA	Controller MP503 I/O Module With Metal Enclosure (Trane 49500590)	1,113.59	121.16
23 09 23 53-0527	EA	Controller MP503 I/O Module With Plastic Cover (Trane 49500490)	1,013.78	121.16
23 09 23 53-0528	EA	Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500)	1,828.05	242.30
23 09 23 53-0529	EA	Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499)	1,745.28	242.30
23 09 23 53-0530	EA	2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569)	977.22	121.16
23 09 23 53-0531	EA	2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469)	857.04	121.16
23 09 23 53-0532	EA	4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596)	1,272.94	121.16
23 09 23 53-0533	EA	4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496)	1,153.42	121.16
23 09 23 53-0534	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 4950049)	987.92	121.16
23 09 23 53-0535	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496)	942.01	121.16
23 09 23 53-0536	EA	Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570)	1,082.95	121.16
23 09 23 53-0537	EA	Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470)	987.92	121.16
23 09 23 53-0538	EA	DDC VAV Retrofit Kit (Trane VRTODD01)	1,375.81	242.30
23 09 23 53-0539	EA	DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO)	1,494.01	242.30
23 09 23 53-0540		Network, VAV And Special Sensors *(23 09 23 53-0506)*		
23 09 23 53-0541	EA	Digital Display Zone Sensor (Trane X13790464010)	233.09	38.77
23 09 23 53-0542	EA	Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010)	155.68	38.77
23 09 23 53-0543	EA	Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010)	142.62	38.77
23 09 23 53-0544	EA	Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01)	287.19	43.62
23 09 23 53-0545	EA	Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121)	173.52	38.77
23 09 23 53-0546	EA	Zone Sensor LCD O/C Setpoint (Trane 41901120)	173.52	38.77
23 09 23 53-0547	EA	Duct CO2 Sensor, 0 To 2,000 ppm (Trane X13790423010)	604.43	69.78
23 09 23 53-0548	EA	Room CO2 Sensor, 0 To 2,000 ppm (Trane X13790422010)	553.01	38.77
23 09 23 53-0549	EA	Transformer 120/24 40 VA (Trane X13550284010)	136.09	38.77
23 09 23 53-0550	EA	Transformer 24 Volt AC Wall Plug-In (Trane 35803005)	131.43	38.77
23 09 23 53-0551	EA	Transformer UL Listed 120 Volt AC, 40 VA (Trane 35812022)	123.97	38.77
23 09 23 53-0552	EA	Controller UC400 VAV Kit With Enclosure, And Belimo (Trane 5189454010)	1,542.01	242.30
23 09 23 53-0553	EA	Controller UC400 VAV Kit With Enclosure, No Actuator (Trane 5189456010)	1,478.24	242.30
23 09 23 53-0554	EA	Controller UC400 XM32 Module (4 Relay) (Trane X13651563010)	1,345.18	242.30
23 09 23 53-0555	EA	Controller UC400 XM70 (8UI,6UI/AO,4R,1P) (Trane X13651568010)	2,397.25	363.46
23 09 23 53-0556	EA	Controller UC400 XM30 I/O Module (4 UI/AO) (Trane X13651537010)	1,345.18	242.30
23 09 23 53-0557	EA	Controller UC210 VAV With Belimo Actuator (Trane BMUC210AAA0B00011)	1,412.68	242.30
23 09 23 53-0558	EA	Controller UC210 VAV Without Actuator (Trane BMUC210AAA0100011)	1,417.93	242.30
23 09 23 53-0559	EA	Controller Optional Metal Enclosure, UC210 (Trane 501898)	514.97	241.27
23 09 23 53-0560	EA	Controller UC400 PM014 24 Volt AC To 1.4 Amperes, 24 Volt DC (Trane X1365153801)	739.61	241.27
23 09 23 53-0561	EA	Controller Tracer UC600 Controller (Trane BMUC600AAA0100011)	2,679.86	363.46
23 09 23 53-0562	EA	Controller UC600 Tracer TD7 Display (Trane X13651571010)	2,577.26	363.46
23 09 23 53-0563	EA	Controller UC600 TD7 Mounting Bracket (Trane X05010511010)	159.41	48.28
23 09 23 53-0564	EA	Controller UC400 13" DIN Rail Enclosure, 120 Volt (Trane X13651559010)	572.45	48.28
23 09 23 53-0565	EA	SC 24" DIN Rail Enclosure, 120 Volt (Trane X13651552010)	2,743.28	363.46
23 09 23 53-0566	EA	BACnet Term (2 Pack) (Trane X1365152401)	253.46	86.86
23 09 23 53-0567	EA	Tracer ES Add License (Trane X40250125010)	3,294.57	
23 09 23 53-0568	EA	Kit - Tracer TU For Controls (Trane X4509151201)	5,020.06	484.60
23 09 23 53-0569	EA	Kit - Tracer TU Complete (Trane X4509151301)	6,583.27	484.60
23 09 23 53-0570	EA	Tracer TU Adapter Wired/Wireless (Trane X13651529010)	648.93	86.86
23 09 23 53-0571	EA	Sensor Wireless Zone Sensor, Fahrenheit (Trane X13790492010)	373.78	86.86
23 09 23 53-0572	EA	Sensor Wireless Display Sensor (Trane X13790822010)	422.28	86.86
23 09 23 53-0573	EA	Sensor Wireless Receiver, 100mW (Trane X13790854010)	378.44	86.86
23 09 23 53-0574	EA	Sensor Wireless Comm Interface (WCI) Indoor, 100mW (Trane X13790901010)	512.62	86.86
23 09 23 53-0575	EA	Sensor Wireless Comm Interface (WCI) Outdoor, 100mW (Trane X13790941010)	558.31	86.86
23 09 23 53-0576		Control Sensors, Meters, Relays, Power Supplies, Valves, Dampers And Actuators *(23 09 23 53)*		
23 09 23 53-0577		Room Pressure Monitoring *(23 09 23 53-0576)*		
23 09 23 53-0578	EA	Hospital Room Pressure Monitor With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8640-PM)	3,275.03	54.13
23 09 23 53-0579	EA	Hospital Room Pressure Controller With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8630-PC) Note: Excludes dampers and actuators.	5,299.69	54.13
23 09 23 53-0580	EA	Hospital Room Pressure Status Remote Visual Display (TSI 8694-4)	409.57	32.48
23 09 23 53-0581	EA	Hospital Room Pressure Status Remote Negative/Neutral Key Switch (TSI 8694-7)	474.19	32.48
23 09 23 53-0582		Current Switches And Current Sensors *(23 09 23 53-0576)*		
23 09 23 53-0583	EA	Up To 20 Amperes, 0 To 5 Volt DC, Current Sensor (Senva C-1203)	145.42	38.77
23 09 23 53-0584	EA	Up To 20 Amperes, 4-20mA, Current Sensor (Senva C-1205)	151.02	38.77
23 09 23 53-0585	EA	0.5 To 135 Amperes Range, Split Core, VFD Current Switch (Senva C-2350VFD-L)	233.09	38.77
23 09 23 53-0586	EA	0.15 To 100 Amperes Range, Split Core, Current Switch With NC Command Relay (Senva C-2300 And CR4-24)	137.96	38.77
23 09 23 53-0587	EA	0 To 50/100/200 Amperes (Selectable), 4-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970HCA)	423.36	38.77

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0588	EA	0 To 20/40/80 Amperes (Selectable), 0-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970LCC)	270.16	38.77
23 09 23 53-0589	EA	1 To 135 Amperes, N.O. Contact, 1 Ampere At 110 Volt, Current Switch (Veris H709)	206.21	38.77
23 09 23 53-0590	EA	0 To 10/20/40 Amperes, 4-20mA Analog Output, Solid Core, Loop Powered, Current Switch (Veris H721)	206.21	38.77
23 09 23 53-0591	EA	Energy Meter H8163 Series, With BACnet Output (Veris H8186-CB-BAC)	5,523.85	193.85
23 09 23 53-0592	EA	100 Amperes, Modbus RTU, Power Transducer (Veris H8035-0100-2) Note: 3 phase networked transducer.	1,404.01	38.77
23 09 23 53-0593	EA	2,400 Amperes, Three Current Switches, Pulse Output, Phase Loss Alarm Output, Energy Meter (Veris H8163-2400-4-3)	2,133.94	38.77
23 09 23 53-0594	EA	Up To 20 Amperes, 0-5 Volt DC, Current Transducer (Kele 4CTV)	221.23	38.77
23 09 23 53-0595	EA	Solid Core Fixed Setpoint Digital Output Current Switch (Veris H-800)	330.95	102.98
23 09 23 53-0596	EA	Split Core Fixed Setpoint Digital Output Current Switch (Veris H-900)	331.40	102.98
23 09 23 53-0597	EA	Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708)	353.79	102.98
23 09 23 53-0598	EA	Split Core Adjustable Setpoint Digital Output Current Sensor (Veris H-908)	359.38	102.98
23 09 23 53-0599	EA	Solid And Split Core Adjustable Setpoint Digital Output VFD Current Switch (Veris H-904)	391.09	102.98
23 09 23 53-0600	EA	Toggle Switch	135.35	48.46
23 09 23 53-0601	EA	Maintained Pushbutton Switch	144.48	48.46
23 09 23 53-0602	EA	Manual Time Switch	230.64	48.46
23 09 23 53-0603	EA	Emergency Stop Switch	384.70	48.46
23 09 23 53-0604	EA	Float Switch	372.05	48.46
23 09 23 53-0605	EA	Break Glass Switch	1,214.99	48.46
23 09 23 53-0606	EA	Boiler E-Stop Switch	748.14	48.46
23 09 23 53-0607		Relays *(23 09 23 53-0576)*		
23 09 23 53-0608	EA	DPDT, 24 Volt AC, Blade, Standard Relay (Kele RH2B-UAC24V)	120.24	38.77
23 09 23 53-0609	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Multi-Voltage Relay Module (Kele PAM-1)	131.71	38.77
23 09 23 53-0610	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Power Relay (Kele RIB2401B) Note: Box type.	186.19	48.46
23 09 23 53-0611	EA	Motor Starter Interface, 300msec Pulse (Kele PIL-2)	234.62	38.77
23 09 23 53-0612	EA	DP Relay Socket, DIN Rail Mounted (Kele SH2B-05)	111.92	38.77
23 09 23 53-0613	EA	SP Relay Socket, DIN Rail Mounted (Kele SH1B-05)	110.24	38.77
23 09 23 53-0614	EA	SPDT, 24 Volt AC, Blade, Standard Relay (Kele RH1B-UAC24V)	120.24	38.77
23 09 23 53-0615	EA	DPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH2B-ULAC24V)	125.48	38.77
23 09 23 53-0616	EA	SPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH1B-ULAC24V)	126.92	38.77
23 09 23 53-0617	EA	SPDT Pilot Relay, Universal (Kele RIBU1C) Note: Box type.	137.86	48.46
23 09 23 53-0618	EA	SPST Pilot Relay With HOA Switch (Kele RIBU1S) Note: Box type.	184.68	48.46
23 09 23 53-0619	EA	SPDT 3 Phase Line Voltage Monitor, 1-5 Minute Delay On Break Timer (ICM400)	329.08	48.46
23 09 23 53-0620	EA	SPDT 3-Phase Line Voltage Monitor, 0-10 Minute Delay On Break Timer (ICM450)	327.01	48.46
23 09 23 53-0621		Transformers *(23 09 23 53-0576)*		
23 09 23 53-0622	EA	50 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X050CBA)	144.19	38.77
23 09 23 53-0623	EA	75 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X075CAB)	157.21	38.77
23 09 23 53-0624	EA	75 VA, 120/208/240/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X075CBA)	157.21	38.77
23 09 23 53-0625	EA	100 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X100CAB)	169.00	38.77
23 09 23 53-0626	EA	100 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X100CBA)	176.26	38.77
23 09 23 53-0627		Power Supplies *(23 09 23 53-0576)*		
23 09 23 53-0628	EA	Solid Core Current Operated Switch, Terminals, Adjustable Trip, 0.5-150A, SPST (Kele RIBXKTA)	217.44	38.77
23 09 23 53-0629	EA	AC/DC Power Supply, 1.2 Amperes At 24 Volt Output (Kele DCPA-1.2)	253.58	38.77
23 09 23 53-0630	EA	DC Power Supply, 5 Volt DC And 24 Volt DC Output (Kele DCP-524)	237.29	38.77
23 09 23 53-0631	EA	DC Power Supply, 24 Volt DC, DIN Rail Mounted (Kele DCP-250-D)	245.00	38.77
23 09 23 53-0632	EA	DC Power Supply, 24 Volt DC, Hub Mounted (Kele DCP-250-H)	238.13	38.77
23 09 23 53-0633	EA	DC Power Supply, 24 Volt DC, Panel Mounted (Kele DCP-250-P)	249.62	38.77
23 09 23 53-0634	EA	DC Power Supply, 24 Volt AC In To Custom DC Out, At 1.5 Amperes (Kele DCP-1.5-W-C)	186.38	38.77
23 09 23 53-0635		Carrier Sensors And Controls *(23 09 23 53)*		
23 09 23 53-0636	EA	Touch Screen Controller, Supports 512 ID Units (Carrier BMS-CT5120UL)	5,847.79	161.37
23 09 23 53-0637	EA	Wired Remote Controller (Carrier RBC-AMS54E-UL)	368.33	38.77
23 09 23 53-0638	EA	Remote Sensor (Carrier TCB-TC41UL)	318.37	38.77
23 09 23 53-0639	EA	VRF Start-up Assistance (Carrier VRFSA)	2,270.55	
23 09 23 53-0640	EA	2 Speed VFD Display Kit (Carrier CRDISKIT001A00)	507.46	60.57

23 09 43 Pneumatic Control System For HVAC *(23 09)*

23 09 43 00-0001 Pneumatic Tubing For HVAC Instrumentation and Control Devices *(23 09 43)*

23 09 43 00-0002 Polyurethane Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0003	LF	1/4" Outside Diameter x 1/32" Thick Wall Polyurethane Pneumatic Tubing	2.33	0.90
23 09 43 00-0004	LF	5/32" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	2.98	0.93
23 09 43 00-0005	LF	3/8" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	3.92	0.95
23 09 43 00-0006	LF	1/2" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	5.00	0.98

23 09 43 00-0007 Fire Resistant Polyethylene Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0008	LF	1/4" Outside Diameter x .040" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.07	0.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 43 00-0009	LF	5/32" Outside Diameter x .030" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.22	0.93
23 09 43 00-0010	LF	3/8" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.55	0.95
23 09 43 00-0011	LF	1/2" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	3.21	0.98
23 09 43 00-0012		Nylon Pneumatic Tubing *(23 09 43 00-0001)*		
23 09 43 00-0013	LF	1/8" Outside Diameter x .016" Thick Wall Nylon Pneumatic Tubing	2.46	0.87
23 09 43 00-0014	LF	1/4" Outside Diameter x .035" Thick Wall Nylon Pneumatic Tubing	3.30	0.90
23 09 43 00-0015	LF	3/8" Outside Diameter x .050" Thick Wall Nylon Pneumatic Tubing	5.02	0.95
23 09 43 00-0016	LF	1/2" Outside Diameter x .062" Thick Wall Nylon Pneumatic Tubing	6.48	0.98
23 09 43 00-0017		Flexible Vinyl Pneumatic Tubing *(23 09 43 00-0001)*		
23 09 43 00-0018	LF	1/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	2.41	0.90
23 09 43 00-0019	LF	3/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	3.95	0.95
23 09 43 00-0020	LF	1/2" Outside Diameter Flexible Vinyl Pneumatic Tubing	4.79	0.98
23 09 43 00-0021	LF	5/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	5.85	1.01
23 09 43 00-0022	LF	3/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	6.63	1.03
23 09 43 00-0023	LF	1" Outside Diameter Flexible Vinyl Pneumatic Tubing	9.13	1.06
23 09 43 00-0024		Braided Vinyl Pneumatic Tubing *(23 09 43 00-0001)*		
23 09 43 00-0025	LF	5/8" Outside Diameter Braided Vinyl Pneumatic Tubing	3.29	1.01
23 09 43 00-0026	LF	3/4" Outside Diameter Braided Vinyl Pneumatic Tubing	3.84	1.03
23 09 43 00-0027	LF	1" Outside Diameter Braided Vinyl Pneumatic Tubing	4.83	1.06
23 09 43 00-0028		Copper Pneumatic Tubing *(23 09 43 00-0001)*		
23 09 43 00-0029	LF	1/4" Outside Diameter Copper Pneumatic Tubing	4.98	1.93
23 09 43 00-0030	LF	3/8" Outside Diameter Copper Pneumatic Tubing	6.06	2.23
23 09 43 00-0031	LF	1/2" Outside Diameter Copper Pneumatic Tubing	7.04	2.56
23 09 43 00-0032	LF	5/8" Outside Diameter Copper Pneumatic Tubing	8.71	2.95
23 09 43 00-0033	LF	3/4" Outside Diameter Copper Pneumatic Tubing	9.90	3.39
23 09 43 00-0034		Brass Couplings *(23 09 43 00-0001)*		
23 09 43 00-0035		Straight Brass Couplings *(23 09 43 00-0034)*		
		Note: Barb x Barb		
23 09 43 00-0036	EA	1/4" x 1/4" Straight Brass Coupling	10.52	4.88
23 09 43 00-0037	EA	3/8" x 1/4" Straight Brass Coupling	10.64	4.88
23 09 43 00-0038	EA	3/8" x 3/8" Straight Brass Coupling	10.76	4.88
23 09 43 00-0039		Elbow Brass Couplings *(23 09 43 00-0034)*		
		Note: Barb x Barb		
23 09 43 00-0040	EA	1/4" x 1/4" Elbow Brass Coupling	11.20	4.88
23 09 43 00-0041	EA	3/8" x 3/8" Elbow Brass Coupling	11.62	4.88
23 09 43 00-0042		Tee Brass Couplings *(23 09 43 00-0034)*		
		Note: Barb x Barb		
23 09 43 00-0043	EA	1/4" x 1/4" x 1/4" Tee Brass Coupling	17.09	7.60
23 09 43 00-0044	EA	3/8" x 3/8" x 1/4" Tee Brass Coupling	19.67	8.13
23 09 43 00-0045	EA	3/8" x 3/8" x 3/8" Tee Brass Coupling	19.23	8.13

23 10 Facility Fuel Systems *(23)*

23 11 Facility Fuel Piping *(23 10)*

23 11 23 Facility Natural-Gas Piping *(23 11)*

See CSI section 23 21 13 23-0001 for threaded black steel pipe, 33 52 16 00-0000 for underground MDPE and HDPE pipe.

23 11 23 00-0001		Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping *(23 11 23)*		
23 11 23 00-0002		Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0001)*		
		Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.		
23 11 23 00-0003	LF	3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	5.96	1.90
23 11 23 00-0004	LF	1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	6.55	2.06
23 11 23 00-0005	LF	3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	7.87	2.23
23 11 23 00-0006	LF	1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	9.97	2.36
23 11 23 00-0007	LF	1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	11.77	2.48
23 11 23 00-0008	LF	1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	17.96	2.58
23 11 23 00-0009	LF	2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	24.37	2.75
23 11 23 00-0010		Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0001)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0011		**Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0012	EA	3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	28.38	
23 11 23 00-0013	EA	3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	28.38	
23 11 23 00-0014	EA	1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.43	
23 11 23 00-0015	EA	1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.43	
23 11 23 00-0016	EA	3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.68	
23 11 23 00-0017	EA	1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	50.69	
23 11 23 00-0018	EA	1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	50.69	
23 11 23 00-0019	EA	1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	86.56	
23 11 23 00-0020	EA	1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	158.99	
23 11 23 00-0021	EA	2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	257.86	
23 11 23 00-0022		**Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0023	EA	3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	27.46	
23 11 23 00-0024	EA	1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.43	
23 11 23 00-0025	EA	1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.43	
23 11 23 00-0026	EA	3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.68	
23 11 23 00-0027	EA	3/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.68	
23 11 23 00-0028	EA	1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	48.44	
23 11 23 00-0029	EA	1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	48.44	
23 11 23 00-0030		**Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0031	EA	3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.23	
23 11 23 00-0032	EA	1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	49.26	
23 11 23 00-0033		**Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0034	EA	3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	38.35	
23 11 23 00-0035	EA	1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	42.58	
23 11 23 00-0036	EA	3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	53.58	
23 11 23 00-0037	EA	1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	77.06	
23 11 23 00-0038	EA	1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	144.84	
23 11 23 00-0039	EA	1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	283.39	
23 11 23 00-0040	EA	2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	471.04	
23 11 23 00-0041		**Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0042	EA	1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	52.97	
23 11 23 00-0043	EA	3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	85.80	
23 11 23 00-0044	EA	1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	136.45	
23 11 23 00-0045	EA	1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	235.47	
23 11 23 00-0046	EA	1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	253.23	
23 11 23 00-0047	EA	2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	290.87	
23 11 23 00-0048		**Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0049	EA	3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.36	
23 11 23 00-0050	EA	1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	35.51	
23 11 23 00-0051	EA	3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	38.65	
23 11 23 00-0052	EA	1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	52.19	
23 11 23 00-0053	EA	1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	52.96	
23 11 23 00-0054		**Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0055	EA	3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.94	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0056	EA	1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	38.94	
23 11 23 00-0057	EA	3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	45.92	
23 11 23 00-0058	EA	1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	54.22	
23 11 23 00-0059	EA	1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	54.22	
23 11 23 00-0060		Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0061	EA	3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	58.66	
23 11 23 00-0062	EA	1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	60.15	
23 11 23 00-0063	EA	3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	63.14	
23 11 23 00-0064	EA	1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	101.56	
23 11 23 00-0065	EA	1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	105.47	
23 11 23 00-0066	EA	1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	153.06	
23 11 23 00-0067	EA	2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	190.87	
23 11 23 00-0068		Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0069	EA	3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	62.12	
23 11 23 00-0070	EA	1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	63.55	
23 11 23 00-0071	EA	3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	70.28	
23 11 23 00-0072	EA	1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	128.84	
23 11 23 00-0073	EA	1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	132.98	
23 11 23 00-0074	EA	1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	183.73	
23 11 23 00-0075	EA	2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	232.43	
23 11 23 00-0076		Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0077	EA	1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.30	
23 11 23 00-0078	EA	3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.21	
23 11 23 00-0079	EA	1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	60.02	
23 11 23 00-0080	EA	1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	92.83	
23 11 23 00-0081	EA	1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	181.21	
23 11 23 00-0082	EA	2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	289.06	
23 11 23 00-0083		Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
		Note: Includes mounting plate.		
23 11 23 00-0084	EA	1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	31.29	
23 11 23 00-0085	EA	3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.14	
23 11 23 00-0086	EA	1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	31.32	
23 11 23 00-0087	EA	1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	31.43	
23 11 23 00-0088	EA	3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.75	
23 11 23 00-0089	EA	1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.05	
23 11 23 00-0090	EA	1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	47.12	
23 11 23 00-0091		Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
		Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve.		
23 11 23 00-0092	EA	1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	88.68	19.98
23 11 23 00-0093	EA	3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	100.37	20.97
23 11 23 00-0094		Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0095	EA	3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	63.24	17.48
23 11 23 00-0096	EA	1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	73.53	20.77
23 11 23 00-0097	EA	3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	90.29	24.97
23 11 23 00-0098	EA	1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	112.72	33.36

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0099		Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)* Note: Includes mounting hardware.		
23 11 23 00-0100	EA	1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	77.75	20.77
23 11 23 00-0101	EA	3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	88.08	24.97
23 11 23 00-0102	EA	1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	83.46	20.77
23 11 23 00-0103	EA	3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	91.78	24.97
23 11 23 00-0104	EA	2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	173.26	62.43
23 11 23 00-0105		Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0106	EA	1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	82.37	20.77
23 11 23 00-0107	EA	1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	82.37	20.77
23 11 23 00-0108	EA	1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	116.52	20.77
23 11 23 00-0109	EA	3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	124.84	24.97
23 11 23 00-0110	EA	3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	124.84	24.97
23 11 23 00-0111	EA	1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	141.49	33.36
23 11 23 00-0112	EA	1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	213.07	37.45
23 11 23 00-0113	EA	1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	110.48	20.77
23 11 23 00-0114	EA	3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	279.48	24.97
23 11 23 00-0115	EA	1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	682.42	37.45
23 11 23 00-0116		Polymer Coated Stainless Steel, Flexible Gas Appliance Connectors (Brass Craft) *(23 11 23)*		
23 11 23 00-0117		3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0118	EA	12" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-12)	46.84	14.98
23 11 23 00-0119	EA	18" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-18)	51.90	15.98
23 11 23 00-0120	EA	24" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-24)	56.74	15.98
23 11 23 00-0121	EA	30" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-30)	59.69	16.98
23 11 23 00-0122	EA	36" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-36)	63.52	16.98
23 11 23 00-0123	EA	48" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-48)	72.45	17.98
23 11 23 00-0124	EA	60" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-60)	80.55	17.98
23 11 23 00-0125	EA	72" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-72)	88.54	18.98
23 11 23 00-0126		3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0127	EA	12" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-12)	46.84	14.98
23 11 23 00-0128	EA	18" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-18)	51.90	15.98
23 11 23 00-0129	EA	24" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-24)	56.74	15.98
23 11 23 00-0130	EA	30" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-30)	59.69	16.98
23 11 23 00-0131	EA	36" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-36)	63.52	16.98
23 11 23 00-0132	EA	48" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-48)	72.45	17.98
23 11 23 00-0133	EA	60" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-60)	80.55	17.98
23 11 23 00-0134	EA	72" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-72)	88.54	18.98
23 11 23 00-0135		3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0136	EA	12" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-12)	46.84	14.98
23 11 23 00-0137	EA	18" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-18)	51.90	15.98
23 11 23 00-0138	EA	24" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-24)	56.74	15.98
23 11 23 00-0139	EA	30" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-30)	59.69	16.98

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23 11 23 00-0140	EA	36" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-36)	63.52	16.98
23 11 23 00-0141	EA	48" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-48)	72.45	17.98
23 11 23 00-0142	EA	60" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-60)	80.55	17.98
23 11 23 00-0143	EA	72" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-72)	88.54	18.98
23 11 23 00-0144		3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0145	EA	12" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-12)	46.84	14.98
23 11 23 00-0146	EA	18" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-18)	51.90	15.98
23 11 23 00-0147	EA	24" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-24)	69.56	15.98
23 11 23 00-0148	EA	30" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-30)	59.69	16.98
23 11 23 00-0149	EA	36" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-36)	63.52	16.98
23 11 23 00-0150	EA	48" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-48)	72.45	17.98
23 11 23 00-0151	EA	60" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-60)	80.55	17.98
23 11 23 00-0152	EA	72" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-72)	88.54	18.98
23 11 23 00-0153		3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0154	EA	12" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-12)	51.79	14.98
23 11 23 00-0155	EA	18" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-18)	58.04	15.98
23 11 23 00-0156	EA	24" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-24)	56.74	15.98
23 11 23 00-0157	EA	30" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-30)	67.52	16.98
23 11 23 00-0158	EA	36" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-36)	63.52	16.98
23 11 23 00-0159	EA	48" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-48)	72.45	17.98
23 11 23 00-0160	EA	60" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-60)	80.55	17.98
23 11 23 00-0161	EA	72" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-72)	88.54	18.98
23 11 23 00-0162		3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0163	EA	12" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-12)	46.84	14.98
23 11 23 00-0164	EA	24" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-24)	64.00	15.98
23 11 23 00-0165	EA	30" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-30)	59.69	16.98
23 11 23 00-0166	EA	36" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-36)	63.52	16.98
23 11 23 00-0167	EA	48" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-48)	72.45	17.98
23 11 23 00-0168	EA	60" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-60)	93.62	17.98
23 11 23 00-0169	EA	72" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-72)	88.54	18.98
23 11 23 00-0170		3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0171	EA	12" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-12)	46.84	14.98
23 11 23 00-0172	EA	18" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-18)	51.90	15.98
23 11 23 00-0173	EA	24" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-24)	56.74	15.98
23 11 23 00-0174	EA	30" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-30)	59.69	16.98
23 11 23 00-0175	EA	36" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-36)	63.52	16.98
23 11 23 00-0176	EA	48" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-48)	72.45	17.98

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23 11 23 00-0177	EA	60" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-60)	80.55	17.98
23 11 23 00-0178	EA	72" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-72)	88.54	18.98
23 11 23 00-0179		**3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0180	EA	12" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-12)	46.84	14.98
23 11 23 00-0181	EA	18" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-18)	51.90	15.98
23 11 23 00-0182	EA	24" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-24)	56.74	15.98
23 11 23 00-0183	EA	30" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-30)	59.69	16.98
23 11 23 00-0184	EA	36" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-36)	63.52	16.98
23 11 23 00-0185	EA	48" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-48)	72.45	17.98
23 11 23 00-0186	EA	60" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-60)	80.55	17.98
23 11 23 00-0187	EA	72" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-72)	88.54	18.98
23 11 23 00-0188		**3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0189	EA	18" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-18)	58.04	15.98
23 11 23 00-0190	EA	24" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-24)	56.74	15.98
23 11 23 00-0191	EA	30" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-30)	67.52	16.98
23 11 23 00-0192	EA	36" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-36)	72.18	16.98
23 11 23 00-0193	EA	48" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-48)	83.45	17.98
23 11 23 00-0194		**1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0195	EA	12" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-12)	46.84	14.98
23 11 23 00-0196	EA	18" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-18)	51.90	15.98
23 11 23 00-0197	EA	24" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-24)	51.60	15.98
23 11 23 00-0198	EA	30" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-30)	59.69	16.98
23 11 23 00-0199	EA	36" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-36)	57.38	16.98
23 11 23 00-0200	EA	48" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-48)	74.32	17.98
23 11 23 00-0201	EA	60" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-60)	80.55	17.98
23 11 23 00-0202	EA	72" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-72)	88.54	18.98
23 11 23 00-0203		**1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0204	EA	12" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-12)	46.84	14.98
23 11 23 00-0205	EA	18" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-18)	47.72	15.98
23 11 23 00-0206	EA	24" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-24)	48.77	15.98
23 11 23 00-0207	EA	30" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-30)	59.69	16.98
23 11 23 00-0208	EA	36" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-36)	63.52	16.98
23 11 23 00-0209	EA	48" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-48)	64.44	17.98
23 11 23 00-0210	EA	60" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-60)	80.55	17.98
23 11 23 00-0211	EA	72" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-72)	88.54	18.98

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23 11 23 00-0212		**1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0213	EA	12" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-12)	46.84	14.98
23 11 23 00-0214	EA	18" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-18)	51.90	15.98
23 11 23 00-0215	EA	24" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-24)	56.74	15.98
23 11 23 00-0216	EA	30" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-30)	59.69	16.98
23 11 23 00-0217	EA	36" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-36)	53.11	16.98
23 11 23 00-0218	EA	48" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-48)	72.45	17.98
23 11 23 00-0219	EA	60" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-60)	80.55	17.98
23 11 23 00-0220	EA	72" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-72)	88.54	18.98
23 11 23 00-0221		**3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0222	EA	12" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-12)	64.45	14.98
23 11 23 00-0223	EA	18" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-18)	69.48	15.98
23 11 23 00-0224	EA	24" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-24)	74.31	15.98
23 11 23 00-0225	EA	30" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-30)	77.24	16.98
23 11 23 00-0226	EA	36" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-36)	81.23	16.98
23 11 23 00-0227	EA	48" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-48)	89.61	17.98
23 11 23 00-0228	EA	60" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-60)	98.42	17.98
23 11 23 00-0229	EA	72" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-72)	106.44	18.98
23 11 23 00-0230		**3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0231	EA	12" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-12)	74.44	19.98
23 11 23 00-0232	EA	18" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-18)	79.47	20.97
23 11 23 00-0233	EA	24" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-24)	84.30	20.97
23 11 23 00-0234	EA	30" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-30)	87.23	21.97
23 11 23 00-0235	EA	36" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-36)	91.21	21.97
23 11 23 00-0236	EA	48" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-48)	99.60	22.97
23 11 23 00-0237	EA	60" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-60)	108.41	22.97
23 11 23 00-0238	EA	72" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-72)	116.43	23.97
23 11 23 00-0239		**3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0240	EA	12" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12)	74.44	19.98
23 11 23 00-0241	EA	18" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18)	79.47	20.97
23 11 23 00-0242	EA	24" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24)	84.30	20.97
23 11 23 00-0243	EA	30" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30)	87.23	21.97
23 11 23 00-0244	EA	36" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36)	91.21	21.97
23 11 23 00-0245	EA	48" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48)	99.60	22.97
23 11 23 00-0246	EA	60" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60)	108.41	22.97
23 11 23 00-0247	EA	72" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-72)	116.43	23.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0248		3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0249	EA	12" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12)	88.76	19.98
23 11 23 00-0250	EA	18" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18)	93.78	20.97
23 11 23 00-0251	EA	24" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24)	98.61	20.97
23 11 23 00-0252	EA	30" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30)	101.54	21.97
23 11 23 00-0253	EA	36" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36)	105.55	21.97
23 11 23 00-0254	EA	48" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48)	113.93	22.97
23 11 23 00-0255	EA	60" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60)	122.74	22.97
23 11 23 00-0256		3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0257	EA	12" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-12)	88.76	19.98
23 11 23 00-0258	EA	18" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-18)	93.78	20.97
23 11 23 00-0259	EA	24" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-24)	98.61	20.97
23 11 23 00-0260	EA	36" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-36)	105.55	21.97
23 11 23 00-0261	EA	48" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-48)	113.93	22.97
23 11 23 00-0262	EA	60" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-60)	122.74	22.97
23 11 23 00-0263		1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0264	EA	12" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-12)	88.76	19.98
23 11 23 00-0265	EA	18" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-18)	93.78	20.97
23 11 23 00-0266	EA	24" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-24)	98.61	20.97
23 11 23 00-0267	EA	30" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-30)	101.54	21.97
23 11 23 00-0268	EA	36" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-36)	105.55	21.97
23 11 23 00-0269	EA	48" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-48)	113.93	22.97
23 11 23 00-0270	EA	60" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-60)	122.74	22.97
23 11 23 00-0271	EA	72" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-72)	130.74	23.97
23 11 23 00-0272		1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0273	EA	12" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-12)	70.67	19.98
23 11 23 00-0274	EA	18" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-18)	75.71	20.97
23 11 23 00-0275	EA	24" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-24)	80.57	20.97
23 11 23 00-0276	EA	30" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-30)	83.47	21.97
23 11 23 00-0277	EA	36" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-36)	87.46	21.97
23 11 23 00-0278	EA	48" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-48)	95.83	22.97
23 11 23 00-0279	EA	72" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-72)	112.62	23.97
23 11 23 00-0280		1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0281	EA	18" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-18)	85.90	20.97
23 11 23 00-0282	EA	24" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-24)	91.88	20.97
23 11 23 00-0283		Quarter-Turn, Gas Ball Valve *(23 11 23)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0284	EA	3/8" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top™ T-3000 102-102)	41.57	10.63
23 11 23 00-0285	EA	1/2" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-103)	41.24	10.85
23 11 23 00-0286	EA	3/4" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-104)	60.13	11.93
23 11 23 00-0287	EA	3/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-112)	41.13	10.63
23 11 23 00-0288	EA	1/2" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-113)	43.29	10.85
23 11 23 00-0289	EA	1/2" Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-118)	49.35	10.85
23 11 23 00-0290	EA	5/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-121)	52.87	11.38
23 11 23 00-0291	EA	5/8" (7/8"-14) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-114)	55.95	11.38
23 11 23 00-0292	EA	5/8" (15/16"-16) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-115)	55.95	11.38
23 11 23 00-0293	EA	3/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-312)	43.44	10.63
23 11 23 00-0294	EA	1/2" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-313)	45.60	10.85
23 11 23 00-0295	EA	5/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-314)	57.58	11.38
23 11 23 00-0296	EA	1/2" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-413)	45.90	10.85
23 11 23 00-0297	EA	3/4" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-414)	61.88	11.93
23 11 23 00-0298	EA	3/8" (9/16"-24) Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-119)	43.32	10.63
23 11 23 00-0299	EA	3/8" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-612)	40.83	10.63
23 11 23 00-0300	EA	1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-613)	41.22	10.85
23 11 23 00-0301	EA	3/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-614)	56.81	11.93
23 11 23 00-0302	EA	1" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-615)	78.46	13.56
23 11 23 00-0303	EA	1-1/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-616)	114.74	14.10
23 11 23 00-0304	EA	1-1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-617)	137.04	16.27
23 11 23 00-0305	EA	2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-618)	170.20	19.52
23 11 23 00-0306	EA	1/2" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-713)	42.56	10.85
23 11 23 00-0307	EA	3/4" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-714)	56.40	11.93
23 11 23 00-0308		Gas Stops *(23 11 23)*		
23 11 23 00-0309		Brass/Bronze Gas Stops *(23 11 23 00-0308)*		
		Note: Flat or square head		
23 11 23 00-0310	EA	3/8" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	50.60	10.85
23 11 23 00-0311	EA	1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	50.53	10.85
23 11 23 00-0312	EA	3/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	66.22	11.93
23 11 23 00-0313	EA	1" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	93.81	13.56
23 11 23 00-0314	EA	1-1/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	125.08	14.43
23 11 23 00-0315	EA	1-1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	158.18	16.70
23 11 23 00-0316	EA	2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	220.68	19.73
23 11 23 00-0317		Iron Body Gas Stops *(23 11 23 00-0308)*		
23 11 23 00-0318	EA	1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	69.03	10.85
23 11 23 00-0319	EA	3/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	84.43	11.93
23 11 23 00-0320	EA	1" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	104.79	13.56
23 11 23 00-0321	EA	1-1/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	135.75	14.43
23 11 23 00-0322	EA	1-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	171.57	16.70
23 11 23 00-0323	EA	2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	223.73	19.73
23 11 23 00-0324	EA	2-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	438.49	26.67
23 11 23 00-0325	EA	3" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	590.43	30.96
23 11 23 00-0326		Bronze Body Solenoid Valves, 150 PSI Gas *(23 11 23)*		
23 11 23 00-0327	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Gas	181.17	10.85
23 11 23 00-0328	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Gas	211.38	10.85
23 11 23 00-0329	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Gas	268.97	11.93
23 11 23 00-0330	EA	1" Solenoid Valve, Bronze, 150 PSI, Gas	404.51	13.56
23 11 23 00-0331	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	724.83	16.70
23 11 23 00-0332	EA	2" Solenoid Valve, Bronze, 150 PSI, Gas	1,236.98	19.73
23 11 23 00-0333	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	1,531.64	26.67
23 11 23 00-0334	EA	3" Solenoid Valve, Bronze, 150 PSI, Gas	2,311.47	30.96
23 11 26		**Facility Liquefied-Petroleum Gas Piping** *(23 11)*		
23 11 26 00-0001		Fiberglass Reinforced Plastic Pipe And Fittings *(23 11 26)*		
23 11 26 00-0002		Fiberglass Reinforced Plastic Pipe *(23 11 26 00-0001)*		
		Note: For double containment fiberglass pipe, select both outer containment pipe size and inner containment pipe size (add modifier for use as inner pipe).		
23 11 26 00-0003	LF	2" Fiberglass Reinforced Plastic Pipe	19.28	7.20
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-8.06*	
23 11 26 00-0004	LF	3" Fiberglass Reinforced Plastic Pipe	23.10	8.59
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-9.67*	
23 11 26 00-0005	LF	4" Fiberglass Reinforced Plastic Pipe	30.72	12.69
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-14.24*	
23 11 26 00-0006	LF	5" Fiberglass Reinforced Plastic Pipe	36.02	14.58
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-16.04*	

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23 11 26 00-0007	LF	6" Fiberglass Reinforced Plastic Pipe	41.99	16.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-18.35*	
23 11 26 00-0008	LF	8" Fiberglass Reinforced Plastic Pipe	57.26	19.50
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-21.91*	
23 11 26 00-0009	LF	10" Fiberglass Reinforced Plastic Pipe	75.76	23.19
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-26.12*	
23 11 26 00-0010	LF	12" Fiberglass Reinforced Plastic Pipe	188.45	29.20
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-32.87*	
23 11 26 00-0011		**Fiberglass Reinforced Plastic Fittings** *(23 11 26 00-0001)*		
23 11 26 00-0012		**Fiberglass Reinforced Plastic Flanged 90 Degree Elbows** *(23 11 26 00-0011)*		
23 11 26 00-0013	EA	2" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	149.86	71.61
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-80.55*	
23 11 26 00-0014	EA	3" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	177.00	85.99
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-96.66*	
23 11 26 00-0015	EA	4" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	211.61	99.88
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-112.29*	
23 11 26 00-0016	EA	5" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	259.66	115.36
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-127.25*	
23 11 26 00-0017	EA	6" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	312.13	129.43
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-145.54*	
23 11 26 00-0018	EA	8" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	444.60	161.74
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-181.92*	
23 11 26 00-0019	EA	10" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	569.87	194.83
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-219.08*	
23 11 26 00-0020	EA	12" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	1,393.79	241.59
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-271.67*	
23 11 26 00-0021		**Fiberglass Reinforced Plastic Flanged 45 Degree Elbows** *(23 11 26 00-0011)*		
23 11 26 00-0022	EA	2" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	150.18	71.61
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-80.55*	
23 11 26 00-0023	EA	3" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	177.10	85.99
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-96.66*	
23 11 26 00-0024	EA	4" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	211.91	99.98
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-112.37*	
23 11 26 00-0025	EA	5" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	264.82	118.76
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-131.09*	
23 11 26 00-0026	EA	6" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	312.02	129.43
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-145.54*	
23 11 26 00-0027	EA	8" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	444.60	161.74
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-181.92*	
23 11 26 00-0028	EA	10" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	1,055.86	194.83
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-219.08*	
23 11 26 00-0029	EA	12" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	1,393.79	241.59
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-271.67*	
23 11 26 00-0030		**Fiberglass Reinforced Plastic Flanged Tees** *(23 11 26 00-0011)*		
23 11 26 00-0031	EA	2" Fiberglass Reinforced Plastic Flanged Tee	319.87	107.47
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-120.83*	
23 11 26 00-0032	EA	3" Fiberglass Reinforced Plastic Flanged Tee	396.04	129.44
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-145.52*	
23 11 26 00-0033	EA	4" Fiberglass Reinforced Plastic Flanged Tee	450.47	149.92
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-168.56*	
23 11 26 00-0034	EA	5" Fiberglass Reinforced Plastic Flanged Tee	573.18	178.08
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-196.72*	
23 11 26 00-0035	EA	6" Fiberglass Reinforced Plastic Flanged Tee	688.09	194.83
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-219.08*	
23 11 26 00-0036	EA	8" Fiberglass Reinforced Plastic Flanged Tee	865.85	241.59
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-271.67*	
23 11 26 00-0037	EA	10" Fiberglass Reinforced Plastic Flanged Tee	1,393.18	292.23
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-328.64*	
23 11 26 00-0038	EA	12" Fiberglass Reinforced Plastic Flanged Tee	1,865.08	355.30
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-399.50*	
23 11 26 00-0039		**Fiberglass Reinforced Plastic Flanged Wyes** *(23 11 26 00-0011)*		
23 11 26 00-0040	EA	2" Fiberglass Reinforced Plastic Flanged Wye	427.33	107.47
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-120.83*	
23 11 26 00-0041	EA	3" Fiberglass Reinforced Plastic Flanged Wye	549.60	129.24
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-145.33*	
23 11 26 00-0042	EA	4" Fiberglass Reinforced Plastic Flanged Wye	645.83	149.92
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-168.55*	
23 11 26 00-0043	EA	5" Fiberglass Reinforced Plastic Flanged Wye	739.53	178.08
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-196.72*	
23 11 26 00-0044	EA	6" Fiberglass Reinforced Plastic Flanged Wye	825.45	194.83
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-219.08*	
23 11 26 00-0045	EA	8" Fiberglass Reinforced Plastic Flanged Wye	1,083.08	241.59
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-271.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0046	EA	10" Fiberglass Reinforced Plastic Flanged Wye	1,667.17	292.23
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-328.64*	
23 11 26 00-0047	EA	12" Fiberglass Reinforced Plastic Flanged Wye	2,163.75	355.30
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-399.50*	
23 11 26 00-0048		**Fiberglass Reinforced Plastic Flanged Concentric Reducers** *(23 11 26 00-0011)*		
23 11 26 00-0049	EA	2" Fiberglass Reinforced Plastic Flanged Concentric Reducer	241.93	71.61
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-80.55*	
23 11 26 00-0050	EA	3" Fiberglass Reinforced Plastic Flanged Concentric Reducer	314.36	85.99
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-96.66*	
23 11 26 00-0051	EA	4" Fiberglass Reinforced Plastic Flanged Concentric Reducer	344.05	99.98
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-112.37*	
23 11 26 00-0052	EA	5" Fiberglass Reinforced Plastic Flanged Concentric Reducer	399.25	118.76
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-131.09*	
23 11 26 00-0053	EA	6" Fiberglass Reinforced Plastic Flanged Concentric Reducer	448.69	129.43
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-145.54*	
23 11 26 00-0054	EA	8" Fiberglass Reinforced Plastic Flanged Concentric Reducer	597.50	161.74
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-181.92*	
23 11 26 00-0055	EA	10" Fiberglass Reinforced Plastic Flanged Concentric Reducer	764.60	194.83
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-219.08*	
23 11 26 00-0056	EA	12" Fiberglass Reinforced Plastic Flanged Concentric Reducer	1,046.72	241.59
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-271.67*	
23 11 26 00-0057		**Fiberglass Reinforced Plastic Bell x Male Or Female Adapters** *(23 11 26 00-0011)*		
23 11 26 00-0058	EA	2" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	193.90	71.61
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-80.55*	
23 11 26 00-0059	EA	3" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	222.64	85.99
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-96.66*	
23 11 26 00-0060	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	252.42	99.98
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-112.37*	
23 11 26 00-0061	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	309.49	118.76
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-131.09*	
23 11 26 00-0062	EA	6" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	360.86	129.43
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-145.54*	
23 11 26 00-0063	EA	8" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	355.51	161.74
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-181.92*	
23 11 26 00-0064	EA	10" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	454.41	194.83
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-219.08*	
23 11 26 00-0065	EA	12" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	715.13	241.59
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-271.67*	
23 11 26 00-0066		**Fiberglass Reinforced Plastic Nipples** *(23 11 26 00-0011)*		
23 11 26 00-0067	EA	2" x 6" Fiberglass Reinforced Plastic Nipple	36.77	8.59
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-9.67*	
23 11 26 00-0068	EA	2" x 12" Fiberglass Reinforced Plastic Nipple	73.47	17.17
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-19.28*	
23 11 26 00-0069	EA	3" x 8" Fiberglass Reinforced Plastic Nipple	124.14	13.18
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-14.83*	
23 11 26 00-0070	EA	3" x 12" Fiberglass Reinforced Plastic Nipple	143.95	18.15
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-20.40*	
23 11 26 00-0071	EA	4" x 8" Fiberglass Reinforced Plastic Nipple	134.39	12.90
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-14.56*	
23 11 26 00-0072	EA	4" x 12" Fiberglass Reinforced Plastic Nipple	161.77	19.41
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-21.83*	
23 11 26 00-0073	EA	6" x 12" Fiberglass Reinforced Plastic Nipple	200.98	21.73
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-24.02*	
23 11 26 00-0074	EA	6" x 12" Fiberglass Reinforced Plastic Nipple	240.16	23.28
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-26.22*	
23 11 26 00-0075	EA	8" x 18" Fiberglass Reinforced Plastic Nipple	126.72	27.17
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-30.56*	
23 11 26 00-0076	EA	8" x 24" Fiberglass Reinforced Plastic Nipple	172.80	38.81
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-43.63*	
23 11 26 00-0077	EA	10" x 18" Fiberglass Reinforced Plastic Nipple	213.09	27.65
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-31.06*	
23 11 26 00-0078	EA	10" x 24" Fiberglass Reinforced Plastic Nipple	319.86	41.33
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-46.52*	
23 11 26 00-0079	EA	12" x 18" Fiberglass Reinforced Plastic Nipple	248.88	28.53
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-32.03*	
23 11 26 00-0080	EA	12" x 24" Fiberglass Reinforced Plastic Nipple	325.62	42.69
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-48.06*	
23 11 26 00-0081		**Fiberglass Reinforced Plastic Sleeve Couplings** *(23 11 26 00-0011)*		
23 11 26 00-0082	EA	2" Fiberglass Reinforced Plastic Sleeve Coupling	129.34	71.61
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-80.55*	
23 11 26 00-0083	EA	3" Fiberglass Reinforced Plastic Sleeve Coupling	155.59	85.99
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-96.66*	
23 11 26 00-0084	EA	4" Fiberglass Reinforced Plastic Sleeve Coupling	179.89	99.98
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-112.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0085	EA	5" Fiberglass Reinforced Plastic Sleeve Coupling	216.37	118.76
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-131.09*	
23 11 26 00-0086	EA	6" Fiberglass Reinforced Plastic Sleeve Coupling	247.12	129.43
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-145.54*	
23 11 26 00-0087	EA	8" Fiberglass Reinforced Plastic Sleeve Coupling	320.39	161.74
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-181.92*	
23 11 26 00-0088	EA	10" Fiberglass Reinforced Plastic Sleeve Coupling	410.63	194.83
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-219.08*	
23 11 26 00-0089	EA	12" Fiberglass Reinforced Plastic Sleeve Coupling	501.97	241.59
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-271.67*	

23 11 26 00-0090 Fiberglass Reinforced Plastic Flanges *(23 11 26 00-0011)*

23 11 26 00-0091	EA	2" Fiberglass Reinforced Plastic Flange	132.08	71.61
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-80.55*	
23 11 26 00-0092	EA	3" Fiberglass Reinforced Plastic Flange	159.22	85.99
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-96.66*	
23 11 26 00-0093	EA	4" Fiberglass Reinforced Plastic Flange	186.32	96.93
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-108.96*	
23 11 26 00-0094	EA	5" Fiberglass Reinforced Plastic Flange	224.81	115.36
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-127.34*	
23 11 26 00-0095	EA	6" Fiberglass Reinforced Plastic Flange	263.04	129.43
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-145.54*	
23 11 26 00-0096	EA	8" Fiberglass Reinforced Plastic Flange	325.95	154.85
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-174.14*	
23 11 26 00-0097	EA	10" Fiberglass Reinforced Plastic Flange	435.40	194.83
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-219.08*	
23 11 26 00-0098	EA	12" Fiberglass Reinforced Plastic Flange	601.03	241.59
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-271.67*	

23 11 26 00-0099 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing And Fittings *(23 11 26)*

23 11 26 00-0100 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing *(23 11 26 00-0099)*

23 11 26 00-0101	LF	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	114.94	30.86
23 11 26 00-0102	LF	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	137.00	36.56
23 11 26 00-0103	LF	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	175.37	53.93
23 11 26 00-0104	LF	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	246.00	69.92
23 11 26 00-0105	LF	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	350.96	83.44
23 11 26 00-0106	LF	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	477.92	98.97
23 11 26 00-0107	LF	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	610.58	124.87

23 11 26 00-0108 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Fittings *(23 11 26 00-0099)*

23 11 26 00-0109 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbows *(23 11 26 00-0108)*

23 11 26 00-0110	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	2,030.04	381.93
23 11 26 00-0111	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	2,339.11	458.44
23 11 26 00-0112	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	2,923.16	532.75
23 11 26 00-0113	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	5,088.03	690.13
23 11 26 00-0114	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	8,228.84	862.83
23 11 26 00-0115	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	11,090.66	1,038.05
23 11 26 00-0116	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	14,805.00	1,285.46

23 11 26 00-0117 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbows *(23 11 26 00-0108)*

23 11 26 00-0118	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	2,033.21	381.93
23 11 26 00-0119	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	2,333.55	458.44
23 11 26 00-0120	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	2,918.80	532.75
23 11 26 00-0121	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	5,062.34	690.13
23 11 26 00-0122	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	8,191.65	862.83
23 11 26 00-0123	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	11,040.25	1,038.55
23 11 26 00-0124	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	14,740.33	1,288.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0125		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tees** *(23 11 26 00-0108)*		
23 11 26 00-0126	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	2,830.28	572.91
23 11 26 00-0127	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	3,543.59	690.47
23 11 26 00-0128	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	4,001.43	799.53
23 11 26 00-0129	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	6,474.51	1,039.03
23 11 26 00-0130	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	8,184.98	1,288.38
23 11 26 00-0131	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	14,191.75	1,556.74
23 11 26 00-0132	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	19,373.86	1,887.50
23 11 26 00-0133		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wyes** *(23 11 26 00-0108)*		
23 11 26 00-0134	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	4,164.63	572.91
23 11 26 00-0135	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	5,452.13	689.66
23 11 26 00-0136	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	6,427.43	799.53
23 11 26 00-0137	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	8,180.07	1,039.03
23 11 26 00-0138	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	10,882.24	1,288.38
23 11 26 00-0139	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	17,593.87	1,556.74
23 11 26 00-0140	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	23,082.36	1,887.50
23 11 26 00-0141		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducers** *(23 11 26 00-0108)*		
23 11 26 00-0142	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	2,242.97	381.93
23 11 26 00-0143	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	2,990.29	458.44
23 11 26 00-0144	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	3,210.49	532.75
23 11 26 00-0145	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	4,196.49	690.13
23 11 26 00-0146	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	5,700.86	862.83
23 11 26 00-0147	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	7,423.06	1,038.05
23 11 26 00-0148	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	10,426.47	1,285.46
23 11 26 00-0149		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapters** *(23 11 26 00-0108)*		
23 11 26 00-0150	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,646.63	381.93
23 11 26 00-0151	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,851.43	458.44
23 11 26 00-0152	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	2,072.72	532.75
23 11 26 00-0153	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	3,105.95	690.13
23 11 26 00-0154	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	2,696.09	862.83
23 11 26 00-0155	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	3,571.55	1,038.05
23 11 26 00-0156	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	6,309.20	1,285.46
23 11 26 00-0157		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipples** *(23 11 26 00-0108)*		
23 11 26 00-0158	EA	2" x 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	365.26	45.85
23 11 26 00-0159	EA	2" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	730.16	91.48
23 11 26 00-0160	EA	3" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,401.40	70.32
23 11 26 00-0161	EA	3" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,594.70	96.73
23 11 26 00-0162	EA	4" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,531.20	68.99
23 11 26 00-0163	EA	4" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,802.55	103.53
23 11 26 00-0164	EA	6" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	2,734.38	124.39
23 11 26 00-0165	EA	8" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,284.82	144.96
23 11 26 00-0166	EA	8" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,733.58	206.95
23 11 26 00-0167	EA	10" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	2,352.54	147.29
23 11 26 00-0168	EA	10" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	3,532.06	220.63
23 11 26 00-0169	EA	12" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	2,787.73	151.94
23 11 26 00-0170	EA	12" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	3,589.23	227.90
23 11 26 00-0171		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanges** *(23 11 26 00-0108)*		
23 11 26 00-0172	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	1,284.35	516.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0173	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	1,891.30	690.13
23 11 26 00-0174	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	2,402.58	826.06
23 11 26 00-0175	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	3,335.44	1,038.05
23 11 26 00-0176	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	4,892.49	1,285.46

23 12 Facility Fuel Pumps *(23 10)*

23 12 13 Facility Fuel-Oil Pumps *(23 12)*

23 12 13 00-0001 Cast Iron Internal Gear Rotary Pump *(23 12 13)*

Note: Heavy duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise; diesel oil, and light oil.

23 12 13 00-0002 10 GPM 1" Discharge *(23 12 13 00-0001)*

23 12 13 00-0003	EA	10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge	1,622.07	289.82
23 12 13 00-0004	EA	10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge	1,692.90	350.78
23 12 13 00-0005	EA	10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge	1,846.82	416.74

23 12 13 00-0006 25 GPM 1-1/4" Discharge *(23 12 13 00-0001)*

23 12 13 00-0007	EA	25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge	1,721.90	289.82
23 12 13 00-0008	EA	25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge	1,809.49	350.78
23 12 13 00-0009	EA	25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge	1,896.91	416.74

23 12 13 00-0010 Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI *(23 12 13)*

23 12 13 00-0011	EA	1/4 HP Pump Fuel Oil/Diesel	1,208.31	162.39
23 12 13 00-0012	EA	1/3 HP Pump Fuel Oil/Diesel	1,422.65	181.89
23 12 13 00-0013	EA	1/2 HP Pump Fuel Oil/Diesel	1,554.34	203.87
23 12 13 00-0014	EA	3/4 HP Pump Fuel Oil/Diesel	1,694.04	229.86
23 12 13 00-0015	EA	1 HP Pump Fuel Oil/Diesel	2,397.90	255.84
23 12 13 00-0016	EA	1-1/2 HP Pump Fuel Oil/Diesel	2,938.71	286.32
23 12 13 00-0017	EA	2 HP Pump Fuel Oil/Diesel	3,255.90	320.80
23 12 13 00-0018	EA	3 HP Pump Fuel Oil/Diesel	3,977.10	358.77
23 12 13 00-0019	EA	5 HP Pump Fuel Oil/Diesel	4,692.72	402.25
23 12 13 00-0020	EA	7.5 HP Pump Fuel Oil/Diesel	5,253.96	451.22
23 12 13 00-0021	EA	10 HP Pump Fuel Oil/Diesel	5,890.67	505.78

23 12 23 Facility Natural-Gas Pumps *(23 12)*

23 12 23 00-0001 Natural Gas Booster Pump *(23 12 23)*

23 12 23 00-0002	EA	Natural Gas Booster Pump, 3/4" Outlet Size	1,148.95	149.91
23 12 23 00-0003	EA	Natural Gas Booster Pump, 1" Outlet Size	1,364.90	167.39
23 12 23 00-0004	EA	Natural Gas Booster Pump, 1-1/4" Outlet Size	1,532.98	174.89
23 12 23 00-0005	EA	Natural Gas Booster Pump, 1-1/2" Outlet Size	1,742.81	182.38
23 12 23 00-0006	EA	Natural Gas Booster Pump, 2" Outlet Size	1,975.55	187.38

23 13 Facility Fuel-Storage Tanks *(23 10)*

23 13 13 Facility Underground Fuel-Oil, Storage Tanks *(23 13)*

23 13 13 13 Double-Wall Steel, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 13-0001 Coated Underground Double Wall Storage Tanks *(23 13 13 13)*

Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.

23 13 13 13-0002	EA	250 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	16,369.11	700.74
23 13 13 13-0003	EA	550 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	17,694.48	700.74
23 13 13 13-0004	EA	1,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	25,591.83	875.87
23 13 13 13-0005	EA	2,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	34,964.11	1,710.79
23 13 13 13-0006	EA	3,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	55,758.48	2,199.46
23 13 13 13-0007	EA	4,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	62,104.21	2,526.15
23 13 13 13-0008	EA	5,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	66,940.02	3,340.09
23 13 13 13-0009	EA	6,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	69,199.78	3,586.17
23 13 13 13-0010	EA	8,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	84,479.56	4,236.61
23 13 13 13-0011	EA	10,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	97,842.45	4,886.61
23 13 13 13-0012	EA	12,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	125,306.81	5,373.77
23 13 13 13-0013	EA	14,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	148,523.08	6,524.62
23 13 13 13-0014	EA	15,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	153,383.77	6,924.31
23 13 13 13-0015	EA	20,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	187,792.00	10,983.40
23 13 13 13-0016	EA	25,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	230,665.71	14,242.77
23 13 13 13-0017	EA	30,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	271,857.04	16,296.33
23 13 13 13-0018	EA	40,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	350,214.16	17,518.55
23 13 13 13-0019	EA	48,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	475,399.94	17,967.78

23 13 13 23 Glass-Fiber-Reinforced-Plastic, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 23-0001 Underground Fiberglass Storage Tanks *(23 13 13 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 13 23-0002		**Single Wall Fiberglass Underground Storage Tanks** *(23 13 13 23-0001)* Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.		
23 13 13 23-0003	EA	550 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	3,690.94	700.74
23 13 13 23-0004	EA	1,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	4,635.76	875.87
23 13 13 23-0005	EA	2,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	6,026.58	1,083.71
23 13 13 23-0006	EA	2,500 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	6,853.48	1,320.00
23 13 13 23-0007	EA	3,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	7,675.55	1,548.15
23 13 13 23-0008	EA	4,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	9,352.62	2,037.04
23 13 13 23-0009	EA	5,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	11,216.86	3,096.31
23 13 13 23-0010	EA	6,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	12,726.92	3,911.12
23 13 13 23-0011	EA	8,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	15,234.96	4,400.01
23 13 13 23-0012	EA	10,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	17,181.02	5,214.82
23 13 13 23-0013	EA	12,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	22,072.70	6,192.60
23 13 13 23-0014	EA	15,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	27,163.58	7,740.75
23 13 13 23-0015	EA	20,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	34,337.51	10,348.17
23 13 13 23-0016	EA	25,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	51,047.81	12,874.09
23 13 13 23-0017	EA	30,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	62,503.44	15,481.51
23 13 13 23-0018	EA	40,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	89,313.48	22,407.45
23 13 13 23-0019	EA	50,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	126,803.77	28,518.57
23 13 13 23-0020		**Double Wall Fiberglass Underground Storage Tanks** *(23 13 13 23-0001)* Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.		
23 13 13 23-0021	EA	550 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	7,060.34	700.74
23 13 13 23-0022	EA	1,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	9,300.62	875.87
23 13 13 23-0023	EA	2,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	11,152.08	1,059.26
23 13 13 23-0024	EA	3,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	14,518.43	1,548.26
23 13 13 23-0025	EA	4,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	16,338.06	2,037.04
23 13 13 23-0026	EA	5,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	18,896.09	3,096.31
23 13 13 23-0027	EA	6,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	21,090.44	3,911.12
23 13 13 23-0028	EA	8,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	25,879.44	4,400.01
23 13 13 23-0029	EA	10,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	27,825.50	5,214.82
23 13 13 23-0030	EA	12,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	33,667.58	6,192.60
23 13 13 23-0031	EA	15,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	46,219.10	7,740.75
23 13 13 23-0032	EA	20,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	57,337.19	10,348.17
23 13 13 23-0033	EA	30,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	88,544.40	15,481.51
23 13 13 23-0034		**Underground Storage Tank Pump Enclosures** *(23 13 13 23)*		
23 13 13 23-0035	EA	Secondary Containment Collar	2,916.08	
23 13 13 23-0036	EA	Turbine Enclosure With Lid 4' Long x 42" Diameter	2,916.08	
23 13 13 23-0037	EA	Fitting Kit For Turbine Enclosure	583.22	
23 13 13 23-0038	EA	Grommet Kits For Plumbing And Electrical	1,166.43	
23 13 13 23-0039	EA	Turbine Electrical Coupling Kit	1,458.04	
23 13 23		**Facility Aboveground Fuel-Oil, Storage Tanks** *(23 13)*		
23 13 23 13		**Vertical, Steel, Aboveground Fuel-Oil, Storage Tanks** *(23 13 23)*		
23 13 23 13-0001		**Vertical Rectangular Double Wall Steel Fuel Day Tank** *(23 13 23 13)* Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs.		
23 13 23 13-0002	EA	10 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,165.03	130.21
23 13 23 13-0003	EA	15 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,251.30	136.72
23 13 23 13-0004	EA	25 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,358.44	146.48
23 13 23 13-0005	EA	50 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,561.57	156.25
23 13 23 13-0006	EA	60 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,742.15	162.76
23 13 23 13-0007	EA	75 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,053.54	195.30
23 13 23 13-0008	EA	100 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,766.09	227.85
23 13 23 13-0009	EA	150 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,502.64	260.40
23 13 23 13-0010	EA	200 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,496.34	292.95
23 13 23 13-0011	EA	275 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,011.74	325.51
23 13 23 13-0012	EA	300 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,733.97	390.61
23 13 23 13-0013	EA	350 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,421.91	455.71

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0014	EA	400 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,130.43	520.81
23 13 23 13-0015	EA	450 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,914.98	553.36
23 13 23 13-0016	EA	500 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,704.67	585.91
23 13 23 13-0017	EA	550 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,602.37	618.46
23 13 23 13-0018	EA	600 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,386.92	651.01
23 13 23 13-0019	EA	700 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,563.95	781.22
23 13 23 13-0020	EA	800 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,473.03	846.31
23 13 23 13-0021	EA	900 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	13,686.06	976.52
23 13 23 13-0022	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	14,904.23	1,106.73
23 13 23 13-0023	EA	10 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,415.32	130.21
23 13 23 13-0024	EA	15 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,503.30	136.72
23 13 23 13-0025	EA	25 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,610.44	146.48
23 13 23 13-0026	EA	50 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,811.86	156.25
23 13 23 13-0027	EA	60 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,992.44	162.76
23 13 23 13-0028	EA	75 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,305.55	195.30
23 13 23 13-0029	EA	100 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,042.10	227.85
23 13 23 13-0030	EA	150 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,778.65	260.40
23 13 23 13-0031	EA	200 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,772.35	292.95
23 13 23 13-0032	EA	275 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,287.75	325.51
23 13 23 13-0033	EA	300 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,009.97	390.61
23 13 23 13-0034	EA	350 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,697.91	455.71
23 13 23 13-0035	EA	400 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,406.44	520.81
23 13 23 13-0036	EA	450 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,190.99	553.36
23 13 23 13-0037	EA	500 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,980.68	585.91
23 13 23 13-0038	EA	550 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,880.09	618.46
23 13 23 13-0039	EA	600 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,664.64	651.01
23 13 23 13-0040	EA	700 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,839.95	781.22
23 13 23 13-0041	EA	800 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,749.03	846.31
23 13 23 13-0042	EA	900 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	13,962.06	976.52
23 13 23 13-0043	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	15,180.24	1,106.73
23 13 23 13-0044	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,363.34	130.21
23 13 23 13-0045	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,441.04	136.72
23 13 23 13-0046	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,510.46	146.48
23 13 23 13-0047	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,780.45	156.25
23 13 23 13-0048	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,882.17	162.76
23 13 23 13-0049	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,183.28	195.30
23 13 23 13-0050	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,832.40	227.85
23 13 23 13-0051	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,839.81	260.40
23 13 23 13-0052	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,442.64	292.95
23 13 23 13-0053	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,120.36	325.51
23 13 23 13-0054	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,044.87	390.61
23 13 23 13-0055	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,599.10	455.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0056	EA	400 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,355.62	520.81
23 13 23 13-0057	EA	450 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,104.17	553.36
23 13 23 13-0058	EA	500 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,092.72	585.91
23 13 23 13-0059	EA	550 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,501.84	618.46
23 13 23 13-0060	EA	600 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,868.09	651.01
23 13 23 13-0061	EA	700 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	13,571.42	781.22
23 13 23 13-0062	EA	800 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	15,229.65	846.31
23 13 23 13-0063	EA	900 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,035.84	976.52
23 13 23 13-0064	EA	1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	18,871.17	1,106.73
23 13 23 13-0065	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,494.79	130.21
23 13 23 13-0066	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,572.49	136.72
23 13 23 13-0067	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,641.91	146.48
23 13 23 13-0068	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,911.90	156.25
23 13 23 13-0069	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,013.62	162.76
23 13 23 13-0070	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,314.73	195.30
23 13 23 13-0071	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,963.85	227.85
23 13 23 13-0072	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,971.26	260.40
23 13 23 13-0073	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,649.53	292.95
23 13 23 13-0074	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,857.51	325.51
23 13 23 13-0075	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,782.03	390.61
23 13 23 13-0076	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,337.97	455.71
23 13 23 13-0077	EA	400 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,092.78	520.81
23 13 23 13-0078	EA	450 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,843.04	553.36
23 13 23 13-0079	EA	500 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,829.88	585.91
23 13 23 13-0080	EA	550 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,238.99	618.46
23 13 23 13-0081	EA	600 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,605.25	651.01
23 13 23 13-0082	EA	700 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,308.58	781.22
23 13 23 13-0083	EA	800 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	15,968.53	846.31
23 13 23 13-0084	EA	900 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,773.00	976.52
23 13 23 13-0085	EA	1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	19,608.32	1,106.73
23 13 23 13-0086	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,127.37	130.21
23 13 23 13-0087	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,213.64	136.72
23 13 23 13-0088	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,284.78	146.48
23 13 23 13-0089	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,563.34	156.25
23 13 23 13-0090	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,713.06	162.76
23 13 23 13-0091	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,986.75	195.30
23 13 23 13-0092	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,661.58	227.85
23 13 23 13-0093	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,716.99	260.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0094	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,342.11	292.95
23 13 23 13-0095	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,084.97	325.51
23 13 23 13-0096	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,057.48	390.61
23 13 23 13-0097	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,558.56	455.71
23 13 23 13-0098	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,417.95	520.81
23 13 23 13-0099	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,324.21	553.36
23 13 23 13-0100	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,235.62	585.91
23 13 23 13-0101	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,694.45	618.46
23 13 23 13-0102	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,034.99	651.01
23 13 23 13-0103	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,815.46	781.22
23 13 23 13-0104	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	17,554.27	846.31
23 13 23 13-0105	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	19,441.03	976.52
23 13 23 13-0106	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	21,353.50	1,106.73
23 13 23 13-0107	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,258.83	130.21
23 13 23 13-0108	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,345.10	136.72
23 13 23 13-0109	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,416.23	146.48
23 13 23 13-0110	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,694.79	156.25
23 13 23 13-0111	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,844.51	162.76
23 13 23 13-0112	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,114.77	195.30
23 13 23 13-0113	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,793.03	227.85
23 13 23 13-0114	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,848.44	260.40
23 13 23 13-0115	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,473.56	292.95
23 13 23 13-0116	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,822.12	325.51
23 13 23 13-0117	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,794.64	390.61
23 13 23 13-0118	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,467.15	455.71
23 13 23 13-0119	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,155.10	520.81
23 13 23 13-0120	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,061.37	553.36
23 13 23 13-0121	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,972.78	585.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0122	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,431.61	618.46
23 13 23 13-0123	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,773.87	651.01
23 13 23 13-0124	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	16,552.62	781.22
23 13 23 13-0125	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	18,291.43	846.31
23 13 23 13-0126	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	20,178.19	976.52
23 13 23 13-0127	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	22,090.66	1,106.73
23 13 23 13-0128	EA	150% Containment Double Wall Open Top Basin For 10 Gallon Tank	1,153.85	130.21
23 13 23 13-0129	EA	150% Containment Double Wall Open Top Basin For 15 Gallon Tank	1,250.68	136.72
23 13 23 13-0130	EA	150% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,357.48	146.48
23 13 23 13-0131	EA	150% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,552.52	156.25
23 13 23 13-0132	EA	150% Containment Double Wall Open Top Basin For 60 Gallon Tank	2,068.00	162.76
23 13 23 13-0133	EA	150% Containment Double Wall Open Top Basin For 75 Gallon Tank	2,122.25	195.30
23 13 23 13-0134	EA	150% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,669.82	227.85
23 13 23 13-0135	EA	150% Containment Double Wall Open Top Basin For 150 Gallon Tank	3,305.63	260.40
23 13 23 13-0136	EA	150% Containment Double Wall Open Top Basin For 200 Gallon Tank	4,346.51	292.95
23 13 23 13-0137	EA	150% Containment Double Wall Open Top Basin For 275 Gallon Tank	5,464.32	325.51
23 13 23 13-0138	EA	150% Containment Double Wall Open Top Basin For 300 Gallon Tank	6,559.45	390.61
23 13 23 13-0139	EA	150% Containment Double Wall Open Top Basin For 350 Gallon Tank	7,045.85	455.71
23 13 23 13-0140	EA	150% Containment Double Wall Open Top Basin For 400 Gallon Tank	7,534.53	520.81
23 13 23 13-0141	EA	150% Containment Double Wall Open Top Basin For 450 Gallon Tank	8,274.44	553.36
23 13 23 13-0142	EA	150% Containment Double Wall Open Top Basin For 500 Gallon Tank	9,016.61	585.91
23 13 23 13-0143	EA	150% Containment Double Wall Open Top Basin For 550 Gallon Tank	9,661.50	618.46
23 13 23 13-0144	EA	150% Containment Double Wall Open Top Basin For 600 Gallon Tank	10,313.14	651.01
23 13 23 13-0145	EA	150% Containment Double Wall Open Top Basin For 700 Gallon Tank	11,666.12	781.22
23 13 23 13-0146	EA	150% Containment Double Wall Open Top Basin For 800 Gallon Tank	12,951.32	846.31
23 13 23 13-0147	EA	150% Containment Double Wall Open Top Basin For 900 Gallon Tank	14,381.25	976.52
23 13 23 13-0148	EA	150% Containment Double Wall Open Top Basin For 1,000 Gallon Tank	15,761.39	1,106.73
23 13 23 13-0149	EA	200% Containment Double Wall Open Top Basin For 10 Gallon Tank	1,216.74	136.72
23 13 23 13-0150	EA	200% Containment Double Wall Open Top Basin For 15 Gallon Tank	1,323.79	146.48
23 13 23 13-0151	EA	200% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,435.60	156.25
23 13 23 13-0152	EA	200% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,635.16	162.76
23 13 23 13-0153	EA	200% Containment Double Wall Open Top Basin For 60 Gallon Tank	2,222.07	195.30
23 13 23 13-0154	EA	200% Containment Double Wall Open Top Basin For 75 Gallon Tank	2,276.32	227.85
23 13 23 13-0155	EA	200% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,851.29	260.40
23 13 23 13-0156	EA	200% Containment Double Wall Open Top Basin For 150 Gallon Tank	3,519.42	292.95
23 13 23 13-0157	EA	200% Containment Double Wall Open Top Basin For 200 Gallon Tank	4,615.11	325.51
23 13 23 13-0158	EA	200% Containment Double Wall Open Top Basin For 275 Gallon Tank	5,792.01	358.06
23 13 23 13-0159	EA	200% Containment Double Wall Open Top Basin For 300 Gallon Tank	6,941.94	423.16
23 13 23 13-0160	EA	200% Containment Double Wall Open Top Basin For 350 Gallon Tank	7,449.35	488.26
23 13 23 13-0161	EA	200% Containment Double Wall Open Top Basin For 400 Gallon Tank	7,959.14	553.36
23 13 23 13-0162	EA	200% Containment Double Wall Open Top Basin For 450 Gallon Tank	8,737.14	585.91
23 13 23 13-0163	EA	200% Containment Double Wall Open Top Basin For 500 Gallon Tank	9,517.53	618.46
23 13 23 13-0164	EA	200% Containment Double Wall Open Top Basin For 550 Gallon Tank	10,195.23	651.01
23 13 23 13-0165	EA	200% Containment Double Wall Open Top Basin For 600 Gallon Tank	10,934.32	716.12
23 13 23 13-0166	EA	200% Containment Double Wall Open Top Basin For 700 Gallon Tank	12,350.40	846.31
23 13 23 13-0167	EA	200% Containment Double Wall Open Top Basin For 800 Gallon Tank	13,809.49	976.52
23 13 23 13-0168	EA	200% Containment Double Wall Open Top Basin For 900 Gallon Tank	15,306.80	1,106.73
23 13 23 13-0169	EA	200% Containment Double Wall Open Top Basin For 1,000 Gallon Tank	16,751.55	1,236.92
23 13 23 13-0170	EA	150% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,332.62	130.21
23 13 23 13-0171	EA	150% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,452.08	136.72
23 13 23 13-0172	EA	150% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,572.45	146.48
23 13 23 13-0173	EA	150% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,812.75	156.25
23 13 23 13-0174	EA	150% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	2,425.54	162.76
23 13 23 13-0175	EA	150% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	2,479.79	195.30
23 13 23 13-0176	EA	150% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	3,108.82	227.85
23 13 23 13-0177	EA	150% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	3,850.99	260.40
23 13 23 13-0178	EA	150% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	5,076.81	292.95
23 13 23 13-0179	EA	150% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	6,450.95	325.51
23 13 23 13-0180	EA	150% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	7,747.47	390.61
23 13 23 13-0181	EA	150% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	8,304.03	455.71
23 13 23 13-0182	EA	150% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	8,865.12	520.81
23 13 23 13-0183	EA	150% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	9,747.59	553.36
23 13 23 13-0184	EA	150% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	10,632.32	585.91
23 13 23 13-0185	EA	150% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	11,383.55	618.46
23 13 23 13-0186	EA	150% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	12,152.88	651.01
23 13 23 13-0187	EA	150% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	13,743.47	781.22
23 13 23 13-0188	EA	150% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	15,268.53	846.31
23 13 23 13-0189	EA	150% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	16,936.06	976.52
23 13 23 13-0190	EA	150% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	18,553.81	1,106.73
23 13 23 13-0191	EA	200% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,405.44	136.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0192	EA	200% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,536.37	146.48
23 13 23 13-0193	EA	200% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,662.52	156.25
23 13 23 13-0194	EA	200% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,909.85	162.76
23 13 23 13-0195	EA	200% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	2,599.48	195.30
23 13 23 13-0196	EA	200% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	2,653.73	227.85
23 13 23 13-0197	EA	200% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	3,314.68	260.40
23 13 23 13-0198	EA	200% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	4,095.08	292.95
23 13 23 13-0199	EA	200% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	5,385.98	325.51
23 13 23 13-0200	EA	200% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	6,833.44	358.06
23 13 23 13-0201	EA	200% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	8,195.97	423.16
23 13 23 13-0202	EA	200% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	8,777.43	488.26
23 13 23 13-0203	EA	200% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	9,363.65	553.36
23 13 23 13-0204	EA	200% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	10,292.13	585.91
23 13 23 13-0205	EA	200% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	11,223.01	618.46
23 13 23 13-0206	EA	200% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	12,012.95	651.01
23 13 23 13-0207	EA	200% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	12,876.27	716.12
23 13 23 13-0208	EA	200% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	14,543.15	846.31
23 13 23 13-0209	EA	200% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	16,255.43	976.52
23 13 23 13-0210	EA	200% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	18,003.55	1,106.73
23 13 23 13-0211	EA	200% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	19,699.10	1,236.92

23 13 23 16 Horizontal, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 16-0001 Single Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, pad, foundation excavation and backfill.

23 13 23 16-0002	EA	300 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	4,935.77	707.65
23 13 23 16-0003	EA	550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	5,932.86	856.62
23 13 23 16-0004	EA	1,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	8,009.04	1,186.12
23 13 23 16-0005	EA	1,500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	10,360.63	1,482.64
23 13 23 16-0006	EA	2,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	12,415.04	2,002.16
23 13 23 16-0007	EA	3,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	18,852.02	2,061.05
23 13 23 16-0008	EA	5,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	27,469.29	2,548.20
23 13 23 16-0009	EA	8,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	37,801.62	2,919.75
23 13 23 16-0010	EA	10,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	45,095.01	3,185.17
23 13 23 16-0011	EA	12,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	52,373.72	3,503.71
23 13 23 16-0012	EA	15,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	57,976.07	3,892.97
23 13 23 16-0013	EA	20,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	72,397.81	5,005.25
23 13 23 16-0014	EA	30,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	99,035.00	5,839.52

23 13 23 16-0015 Double Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, pad, foundation excavation and backfill.

23 13 23 16-0016	EA	300 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	7,862.72	882.99
23 13 23 16-0017	EA	550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	9,447.14	1,068.53
23 13 23 16-0018	EA	1,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	12,740.35	1,482.64
23 13 23 16-0019	EA	1,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	16,510.43	1,853.31
23 13 23 16-0020	EA	2,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	21,215.08	2,502.68
23 13 23 16-0021	EA	3,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	30,348.29	2,576.24
23 13 23 16-0022	EA	5,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	44,473.91	3,173.66
23 13 23 16-0023	EA	8,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	61,572.23	3,649.72
23 13 23 16-0024	EA	10,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	73,628.38	3,981.52
23 13 23 16-0025	EA	12,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	85,628.49	4,379.58
23 13 23 16-0026	EA	15,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	94,779.45	4,866.30
23 13 23 16-0027	EA	20,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	118,270.94	6,256.59
23 13 23 16-0028	EA	30,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	162,382.95	7,299.34

23 13 23 19 Containment-Dike, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 19-0001 Secondary Containment For Above Ground Tanks *(23 13 23 19)*

23 13 23 19-0002	EA	Steel Dike For 550 Gallon Tank, Uncoated	6,030.99
23 13 23 19-0003	EA	Steel Dike For 1,000 Gallon Tank, Uncoated	7,285.64
23 13 23 19-0004	EA	Steel Dike For 2,000 Gallon Tank, Uncoated	15,964.48
23 13 23 19-0005	EA	Steel Dike For 3,000 Gallon Tank, Uncoated	17,461.38
23 13 23 19-0006	EA	Steel Dike For 5,000 Gallon Tank, Uncoated	24,838.58
23 13 23 19-0007	EA	Steel Dike For 6,000 Gallon Tank, Uncoated	27,828.76
23 13 23 19-0008	EA	Steel Dike For 8,000 Gallon Tank, Uncoated	36,749.84
23 13 23 19-0009	EA	Steel Dike For 10,000 Gallon Tank, Uncoated	43,117.15
23 13 23 19-0010	EA	Steel Dike For 12,000 Gallon Tank, Uncoated	48,999.83

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 19-0011	EA	Steel Dike For 15,000 Gallon Tank, Uncoated	59,658.88	
23 13 23 19-0012	EA	Steel Dike For 20,000 Gallon Tank, Uncoated	76,392.40	
23 13 23 26		**Concrete-Vaulted, Steel, Aboveground Fuel-Oil, Storage Tanks** *(23 13 23)*		
23 13 23 26-0001		Aboveground Concrete Vaulted Storage Tanks *(23 13 23 26)*		
		Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overfill containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.		
23 13 23 26-0002	EA	500 Gallon Concrete Vaulted Storage Tank	33,292.07	1,515.45
		For Low Profile Tanks, Add	*12,471.00*	
23 13 23 26-0003	EA	1,000 Gallon Concrete Vaulted Storage Tank	41,993.46	1,710.79
		For Low Profile Tanks, Add	*15,842.52*	
23 13 23 26-0004	EA	2,000 Gallon Concrete Vaulted Storage Tank	74,827.67	2,037.04
		For Low Profile Tanks, Add	*28,794.12*	
23 13 23 26-0005	EA	4,000 Gallon Concrete Vaulted Storage Tank	118,150.14	4,480.51
23 13 23 26-0006	EA	5,000 Gallon Concrete Vaulted Storage Tank	135,067.55	4,893.46
23 13 23 26-0007	EA	6,000 Gallon Concrete Vaulted Storage Tank	152,070.71	5,284.57
23 13 23 26-0008	EA	8,000 Gallon Concrete Vaulted Storage Tank	169,052.46	5,734.46
23 13 23 26-0009	EA	10,000 Gallon Concrete Vaulted Storage Tank	186,027.19	6,104.06
23 13 33		**Facility Fuel-Oil, Storage Tank Accessories** *(23 13)*		
23 13 33 00-0001		EPA Requirements *(23 13 33)*		
23 13 33 00-0002	EA	Fill Pipe Spill Containment Manhole (5 Gallon)	2,006.87	
23 13 33 00-0003	EA	Over-Fill Prevention Valve	1,420.20	
23 13 33 00-0004	EA	Tank Manway With Cover, Fiberglass	4,420.59	
23 13 33 00-0005	EA	Tank Manway With Cover, Steel	5,280.62	
23 13 33 00-0006	EA	Vent Fill Alarm (Whistle Vent)	195.28	
23 13 33 00-0007	EA	Reservoir Sensor, Liquid Level	622.52	
23 13 33 00-0008	EA	Manhole Spill Containment	2,297.71	253.39
23 13 33 00-0009	EA	Fill Adapter, 4"	415.51	168.96
23 13 33 00-0010	EA	Fill Cap, 4"	291.82	63.35
23 13 33 00-0011	EA	2" Vent Cap	168.30	42.26
23 13 33 00-0012	EA	4" x 2" Extractor Fitting	703.96	63.35
23 13 33 00-0013	EA	Float Vent Valve	393.63	126.69
23 13 33 00-0014	EA	Vapor Hose Adapter	634.01	84.43
23 13 33 00-0015	EA	Dust Cap	257.27	46.12
23 13 33 00-0016	EA	1" Double Poppet Foot Valve	458.19	72.37
23 13 33 00-0017	EA	10' Wood Gage Stick	43.52	
23 13 33 00-0018	EA	1-1/4" Tank Filled Breather, NPT	255.85	
23 13 33 00-0019	EA	1-1/2" Tank Filled Breather, Bayonet	357.68	
23 13 33 00-0020	EA	2" Cast Iron Combination Fill Cap And Vent	99.04	
23 13 33 00-0021	EA	3" Cast Iron Combination Fill Cap And Vent	138.77	
23 13 33 00-0022	EA	4" Cast Iron Combination Fill Cap And Vent	227.52	
23 13 33 00-0023	EA	Pressure And Vacuum Control Vent	1,701.98	
23 13 33 00-0024	EA	1/4 HP Fuel/Diesel Pump Set	1,800.85	
23 13 33 00-0025	EA	1/3 HP Fuel/Diesel Pump Set	2,133.44	
23 13 33 00-0026	EA	1/2 HP Fuel/Diesel Pump Set	2,323.57	
23 13 33 00-0027	EA	3/4 HP Fuel/Diesel Pump Set	2,545.61	
23 13 33 00-0028	EA	1 HP Fuel/Diesel Pump Set	3,664.35	
23 13 33 00-0029	EA	1-1/2 HP Fuel/Diesel Pump Set	4,533.53	
23 13 33 00-0030	EA	2 HP Fuel/Diesel Pump Set	5,017.95	
23 13 33 00-0031	EA	3 HP Fuel/Diesel Pump Set	6,177.75	
23 13 33 00-0032	EA	5 HP Fuel/Diesel Pump Set	7,319.91	
23 13 33 00-0033	EA	7.5 HP Fuel/Diesel Pump Set	8,193.58	
23 13 33 00-0034	EA	10 HP Fuel/Diesel Pump Set	9,467.90	
23 13 33 00-0035		Tank Bulkhead Fittings *(23 13 33)*		
23 13 33 00-0036		Tank Bulkhead Fittings *(23 13 33 00-0035)*		
23 13 33 00-0037		Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0038	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	62.03	
23 13 33 00-0039	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	69.51	
23 13 33 00-0040	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	76.47	
23 13 33 00-0041	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	94.58	
23 13 33 00-0042	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	96.74	
23 13 33 00-0043	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	132.16	
23 13 33 00-0044	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	220.19	
23 13 33 00-0045	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	401.74	
23 13 33 00-0046		Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0047	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	74.59	
23 13 33 00-0048	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	82.02	
23 13 33 00-0049	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	89.49	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 33 00-0050	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	114.81	
23 13 33 00-0051	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	122.28	
23 13 33 00-0052	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	155.30	
23 13 33 00-0053	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	251.04	
23 13 33 00-0054	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	445.56	
23 13 33 00-0055		Chlorinated Polyvinyl Chloride (CPVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0056	EA	1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	77.45	
23 13 33 00-0057	EA	3/4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	90.24	
23 13 33 00-0058	EA	1" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	102.52	
23 13 33 00-0059	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	134.79	
23 13 33 00-0060	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	181.29	
23 13 33 00-0061	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	292.97	
23 13 33 00-0062	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	471.60	
23 13 33 00-0063		Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0064	EA	1/2" Polypropylene Bulkhead Fitting, Thread x Thread	93.39	
23 13 33 00-0065	EA	3/4" Polypropylene Bulkhead Fitting, Thread x Thread	111.44	
23 13 33 00-0066	EA	1" Polypropylene Bulkhead Fitting, Thread x Thread	139.59	
23 13 33 00-0067	EA	1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread	172.62	
23 13 33 00-0068	EA	1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread	174.78	
23 13 33 00-0069	EA	2" Polypropylene Bulkhead Fitting, Thread x Thread	257.90	
23 13 33 00-0070	EA	3" Polypropylene Bulkhead Fitting, Thread x Thread	477.95	
23 13 33 00-0071	EA	4" Polypropylene Bulkhead Fitting, Thread x Thread	871.49	
23 13 33 00-0072		Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0073	EA	3/4" Polyethylene Bulkhead Fitting, Thread x Thread	78.65	
23 13 33 00-0074	EA	1" Polyethylene Bulkhead Fitting, Thread x Thread	104.76	
23 13 33 00-0075	EA	1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread	106.94	
23 13 33 00-0076	EA	1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread	109.10	
23 13 33 00-0077	EA	2" Polyethylene Bulkhead Fitting, Thread x Thread	159.13	
23 13 33 00-0078	EA	3" Polyethylene Bulkhead Fitting, Thread x Thread	204.92	
23 13 33 00-0079		TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0080	EA	1/8" TFE Teflon Bulkhead Fitting, Thread x Thread	398.89	
23 13 33 00-0081	EA	1/4" TFE Teflon Bulkhead Fitting, Thread x Thread	456.11	
23 13 33 00-0082	EA	3/8" TFE Teflon Bulkhead Fitting, Thread x Thread	563.12	
23 13 33 00-0083	EA	1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	650.78	
23 13 33 00-0084	EA	3/4" TFE Teflon Bulkhead Fitting, Thread x Thread	750.54	
23 13 33 00-0085	EA	1" TFE Teflon Bulkhead Fitting, Thread x Thread	948.20	
23 13 33 00-0086	EA	1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	1,234.04	
23 13 33 00-0087	EA	2" TFE Teflon Bulkhead Fitting, Thread x Thread	1,364.10	
23 13 33 00-0088		Self-Aligning Bulkhead Fittings *(23 13 33 00-0035)*		
23 13 33 00-0089	EA	3/4" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	403.97	
23 13 33 00-0090	EA	1" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	402.92	
23 13 33 00-0091	EA	1-1/2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	593.31	
23 13 33 00-0092	EA	2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	604.52	
23 13 33 00-0093	EA	3" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	822.06	

23 20 HVAC Piping and Pumps *(23)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 Hydronic Piping and Pumps *(23 20)*

23 21 13 Hydronic Piping *(23 21)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 13 23 Aboveground Hydronic Piping *(23 21 13)*

23 21 13 23-0001 Threaded Black Steel Pipe *(23 21 13 23)*

23 21 13 23-0002 Threaded Black Steel Pipe Assemblies *(23 21 13 23-0001)*

Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0003		LF	1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	20.39	3.99
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*5.14*	
			For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-0004		LF	3/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	22.68	4.29
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*5.86*	
			For Work In Restricted Working Space, Add	*4.31*	
23 21 13 23-0005		LF	1" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	25.65	4.70
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*6.81*	
			For Work In Restricted Working Space, Add	*4.55*	
23 21 13 23-0006		LF	1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	31.32	4.90
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*8.66*	
			For Work In Restricted Working Space, Add	*4.91*	
23 21 13 23-0007		LF	1-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	33.87	5.80
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*9.54*	
			For Work In Restricted Working Space, Add	*4.98*	
23 21 13 23-0008		LF	2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	41.38	6.99
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*11.90*	
			For Work In Restricted Working Space, Add	*5.61*	
23 21 13 23-0009		LF	2-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	62.88	8.29
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*18.92*	
			For Work In Restricted Working Space, Add	*6.96*	
23 21 13 23-0010		LF	3" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	80.30	11.09
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*24.36*	
			For Work In Restricted Working Space, Add	*8.53*	
23 21 13 23-0011		LF	4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	119.56	12.90
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*38.07*	
			For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-0012		LF	5" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	200.35	16.49
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*66.20*	
			For Work In Restricted Working Space, Add	*11.11*	
23 21 13 23-0013		LF	6" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	240.44	19.50
			For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*79.85*	
			For Work In Restricted Working Space, Add	*12.58*	
23 21 13 23-0014			Threaded Black Steel Pipe And Fittings *(23 21 13 23-0001)* Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-0015			Threaded And Coupled, Black Steel Piping *(23 21 13 23-0014)* Note: ASTM A-53. Includes coupling.		
23 21 13 23-0016		LF	3/8" Schedule 40, Threaded And Coupled, Black Steel Pipe	7.72	2.50
			For Schedule 80 Pipe, Add	*1.71*	
			For Work In Restricted Working Space, Add	*1.51*	
23 21 13 23-0017		LF	1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	10.54	3.99
			For Schedule 80 Pipe, Add	*2.62*	
			For Work In Restricted Working Space, Add	*1.82*	
23 21 13 23-0018		LF	3/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	12.25	4.29
			For Schedule 80 Pipe, Add	*3.26*	
			For Work In Restricted Working Space, Add	*1.93*	
23 21 13 23-0019		LF	1" Schedule 40, Threaded And Coupled, Black Steel Pipe	14.72	4.70
			For Schedule 80 Pipe, Add	*4.18*	
			For Work In Restricted Working Space, Add	*2.09*	
23 21 13 23-0020		LF	1-1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	17.76	4.90
			For Schedule 80 Pipe, Add	*5.40*	
			For Work In Restricted Working Space, Add	*2.22*	
23 21 13 23-0021		LF	1-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	21.09	5.80
			For Schedule 80 Pipe, Add	*6.45*	
			For Work In Restricted Working Space, Add	*2.61*	
23 21 13 23-0022		LF	2" Schedule 40, Threaded And Coupled, Black Steel Pipe	26.75	6.99
			For Schedule 80 Pipe, Add	*8.36*	
			For Work In Restricted Working Space, Add	*3.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0023	LF	2-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	38.13	8.29
		For Schedule 80 Pipe, Add	*12.79*	
		For Work In Restricted Working Space, Add	*3.75*	
23 21 13 23-0024	LF	3" Schedule 40, Threaded And Coupled, Black Steel Pipe	50.24	11.09
		For Schedule 80 Pipe, Add	*16.78*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0025	LF	4" Schedule 40, Threaded And Coupled, Black Steel Pipe	69.61	12.90
		For Schedule 80 Pipe, Add	*24.53*	
		For Work In Restricted Working Space, Add	*5.82*	
23 21 13 23-0026	LF	5" Schedule 40, Threaded And Coupled, Black Steel Pipe	91.40	16.49
		For Schedule 80 Pipe, Add	*32.49*	
		For Work In Restricted Working Space, Add	*7.41*	
23 21 13 23-0027	LF	6" Schedule 40, Threaded And Coupled, Black Steel Pipe	117.19	19.50
		For Schedule 80 Pipe, Add	*42.51*	
		For Work In Restricted Working Space, Add	*8.76*	
23 21 13 23-0028	LF	8" Schedule 40, Threaded And Coupled, Black Steel Pipe	165.79	23.57
		For Schedule 80 Pipe, Add	*62.25*	
		For Work In Restricted Working Space, Add	*10.59*	
23 21 13 23-0029	LF	10" Schedule 40, Threaded And Coupled, Black Steel Pipe	227.83	28.72
		For Schedule 80 Pipe, Add	*87.43*	
		For Work In Restricted Working Space, Add	*12.94*	
23 21 13 23-0030	LF	12" Schedule 40, Threaded And Coupled, Black Steel Pipe	304.94	37.75
		For Schedule 80 Pipe, Add	*117.41*	
		For Work In Restricted Working Space, Add	*16.98*	

23 21 13 23-0031 Black Malleable Iron 90 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0032	EA	3/8", 150 LB, Black Malleable Iron 90 Degree Elbow	31.87	14.79
		For 300 LB Rating, Add	*24.56*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
		For Work In Restricted Working Space, Add	*6.66*	
23 21 13 23-0033	EA	1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	33.35	17.78
		For 300 LB Rating, Add	*17.70*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-0034	EA	3/4", 150 LB, Black Malleable Iron 90 Degree Elbow	37.90	19.88
		For 300 LB Rating, Add	*21.20*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*8.94*	
23 21 13 23-0035	EA	1", 150 LB, Black Malleable Iron 90 Degree Elbow	47.34	22.17
		For 300 LB Rating, Add	*35.72*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
		For Work In Restricted Working Space, Add	*9.99*	
23 21 13 23-0036	EA	1-1/4", 150 LB, Black Malleable Iron 90 Degree Elbow	60.86	25.17
		For 300 LB Rating, Add	*57.87*	
		For Standard Weight Cast Iron Fittings, Add	*0.37*	
		For Work In Restricted Working Space, Add	*11.31*	
23 21 13 23-0037	EA	1-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	72.99	28.36
		For 300 LB Rating, Add	*75.73*	
		For Standard Weight Cast Iron Fittings, Add	*0.49*	
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-0038	EA	2", 150 LB, Black Malleable Iron 90 Degree Elbow	106.57	36.05
		For 300 LB Rating, Add	*129.43*	
		For Standard Weight Cast Iron Fittings, Add	*0.84*	
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-0039	EA	2-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	197.02	53.34
		For 300 LB Rating, Add	*285.88*	
		For Standard Weight Cast Iron Fittings, Add	*1.87*	
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-0040	EA	3", 150 LB, Black Malleable Iron 90 Degree Elbow	276.51	70.12
		For 300 LB Rating, Add	*417.62*	
		For Standard Weight Cast Iron Fittings, Add	*2.74*	
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-0041	EA	4", 150 LB, Black Malleable Iron 90 Degree Elbow	481.30	75.48
		For 300 LB Rating, Add	*890.26*	
		For Standard Weight Cast Iron Fittings, Add	*5.89*	
		For Work In Restricted Working Space, Add	*33.96*	
23 21 13 23-0042	EA	5", 150 LB, Black Malleable Iron 90 Degree Elbow	1,193.76	78.78
		For 300 LB Rating, Add	*2,588.65*	
		For Standard Weight Cast Iron Fittings, Add	*17.21*	
		For Work In Restricted Working Space, Add	*35.43*	
23 21 13 23-0043	EA	6", 150 LB, Black Malleable Iron 90 Degree Elbow	1,366.02	82.37
		For 300 LB Rating, Add	*2,989.48*	
		For Standard Weight Cast Iron Fittings, Add	*19.88*	
		For Work In Restricted Working Space, Add	*37.05*	

23 21 13 23-0044 Black Malleable Iron Reducing 90 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0045	EA	1/2" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	37.18	16.28
		For 300 LB Rating, Add	*32.11*	
		For Standard Weight Cast Iron Fittings, Add	*0.20*	
		For Work In Restricted Working Space, Add	*7.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0046	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	41.37	18.78
		For 300 LB Rating, Add	*33.23*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
		For Work In Restricted Working Space, Add	*8.47*	
23 21 13 23-0047	EA	3/4" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	44.38	17.38
		For 300 LB Rating, Add	*45.65*	
		For Standard Weight Cast Iron Fittings, Add	*0.29*	
		For Work In Restricted Working Space, Add	*7.80*	
23 21 13 23-0048	EA	1" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	48.45	21.07
		For 300 LB Rating, Add	*42.43*	
		For Standard Weight Cast Iron Fittings, Add	*0.27*	
		For Work In Restricted Working Space, Add	*9.47*	
23 21 13 23-0049	EA	1" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	48.18	19.98
		For 300 LB Rating, Add	*45.53*	
		For Standard Weight Cast Iron Fittings, Add	*0.29*	
		For Work In Restricted Working Space, Add	*8.99*	
23 21 13 23-0050	EA	1" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	63.61	18.47
		For 300 LB Rating, Add	*87.73*	
		For Standard Weight Cast Iron Fittings, Add	*0.57*	
		For Work In Restricted Working Space, Add	*8.33*	
23 21 13 23-0051	EA	1-1/4" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	63.86	23.67
		For 300 LB Rating, Add	*70.22*	
		For Standard Weight Cast Iron Fittings, Add	*0.45*	
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-0052	EA	1-1/4" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	65.42	22.48
		For 300 LB Rating, Add	*78.03*	
		For Standard Weight Cast Iron Fittings, Add	*0.51*	
		For Work In Restricted Working Space, Add	*10.13*	
23 21 13 23-0053	EA	1-1/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	69.15	21.48
		For 300 LB Rating, Add	*90.71*	
		For Standard Weight Cast Iron Fittings, Add	*0.59*	
		For Work In Restricted Working Space, Add	*9.65*	
23 21 13 23-0054	EA	1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	80.13	26.77
		For 300 LB Rating, Add	*98.50*	
		For Standard Weight Cast Iron Fittings, Add	*0.64*	
		For Work In Restricted Working Space, Add	*12.03*	
23 21 13 23-0055	EA	1-1/2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	77.94	25.27
		For 300 LB Rating, Add	*98.37*	
		For Standard Weight Cast Iron Fittings, Add	*0.64*	
		For Work In Restricted Working Space, Add	*11.37*	
23 21 13 23-0056	EA	1-1/2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	81.97	24.07
		For 300 LB Rating, Add	*112.14*	
		For Standard Weight Cast Iron Fittings, Add	*0.73*	
		For Work In Restricted Working Space, Add	*10.85*	
23 21 13 23-0057	EA	2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	106.24	32.16
		For 300 LB Rating, Add	*142.09*	
		For Standard Weight Cast Iron Fittings, Add	*0.93*	
		For Work In Restricted Working Space, Add	*14.47*	
23 21 13 23-0058	EA	2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	111.76	30.56
		For 300 LB Rating, Add	*160.96*	
		For Standard Weight Cast Iron Fittings, Add	*1.05*	
		For Work In Restricted Working Space, Add	*13.75*	
23 21 13 23-0059	EA	2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	109.56	29.07
		For 300 LB Rating, Add	*160.83*	
		For Standard Weight Cast Iron Fittings, Add	*1.05*	
		For Work In Restricted Working Space, Add	*13.09*	
23 21 13 23-0060	EA	2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	111.79	27.97
		For 300 LB Rating, Add	*170.25*	
		For Standard Weight Cast Iron Fittings, Add	*1.12*	
		For Work In Restricted Working Space, Add	*12.57*	
23 21 13 23-0061	EA	2-1/2" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	226.14	44.65
		For 300 LB Rating, Add	*386.07*	
		For Standard Weight Cast Iron Fittings, Add	*2.55*	
		For Work In Restricted Working Space, Add	*20.09*	
23 21 13 23-0062	EA	2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	229.77	40.85
		For 300 LB Rating, Add	*408.22*	
		For Standard Weight Cast Iron Fittings, Add	*2.70*	
		For Work In Restricted Working Space, Add	*18.36*	
23 21 13 23-0063	EA	3" x 2-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	390.43	61.72
		For 300 LB Rating, Add	*720.56*	
		For Standard Weight Cast Iron Fittings, Add	*4.77*	
		For Work In Restricted Working Space, Add	*27.75*	
23 21 13 23-0064	EA	3" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	336.91	53.03
		For 300 LB Rating, Add	*622.41*	
		For Standard Weight Cast Iron Fittings, Add	*4.12*	
		For Work In Restricted Working Space, Add	*23.87*	
23 21 13 23-0065	EA	4" x 3", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	616.81	71.80
		For 300 LB Rating, Add	*1,228.42*	
		For Standard Weight Cast Iron Fittings, Add	*8.15*	
		For Work In Restricted Working Space, Add	*32.30*	

23 21 13 23-0066 Black Malleable Iron 45 Degree Elbows *(23 21 13 23-0014)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0067	EA	3/8", 150 LB, Black Malleable Iron 45 Degree Elbow	36.77	14.79
		For 300 LB Rating, Add	*36.32*	
		For Standard Weight Cast Iron Fittings, Add	*0.23*	
		For Work In Restricted Working Space, Add	*6.66*	
23 21 13 23-0068	EA	1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	37.72	17.78
		For 300 LB Rating, Add	*28.19*	
		For Standard Weight Cast Iron Fittings, Add	*0.18*	
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-0069	EA	3/4", 150 LB, Black Malleable Iron 45 Degree Elbow	43.51	19.88
		For 300 LB Rating, Add	*34.67*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
		For Work In Restricted Working Space, Add	*8.94*	
23 21 13 23-0070	EA	1", 150 LB, Black Malleable Iron 45 Degree Elbow	50.53	22.17
		For 300 LB Rating, Add	*43.37*	
		For Standard Weight Cast Iron Fittings, Add	*0.28*	
		For Work In Restricted Working Space, Add	*9.99*	
23 21 13 23-0071	EA	1-1/4", 150 LB, Black Malleable Iron 45 Degree Elbow	68.20	25.17
		For 300 LB Rating, Add	*75.49*	
		For Standard Weight Cast Iron Fittings, Add	*0.49*	
		For Work In Restricted Working Space, Add	*11.31*	
23 21 13 23-0072	EA	1-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	80.25	28.36
		For 300 LB Rating, Add	*93.15*	
		For Standard Weight Cast Iron Fittings, Add	*0.60*	
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-0073	EA	2", 150 LB, Black Malleable Iron 45 Degree Elbow	111.06	36.05
		For 300 LB Rating, Add	*140.21*	
		For Standard Weight Cast Iron Fittings, Add	*0.91*	
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-0074	EA	2-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	245.04	53.34
		For 300 LB Rating, Add	*401.13*	
		For Standard Weight Cast Iron Fittings, Add	*2.64*	
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-0075	EA	3", 150 LB, Black Malleable Iron 45 Degree Elbow	319.63	70.12
		For 300 LB Rating, Add	*521.11*	
		For Standard Weight Cast Iron Fittings, Add	*3.43*	
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-0076	EA	4", 150 LB, Black Malleable Iron 45 Degree Elbow	533.83	75.48
		For 300 LB Rating, Add	*1,016.33*	
		For Standard Weight Cast Iron Fittings, Add	*6.73*	
		For Work In Restricted Working Space, Add	*33.96*	
23 21 13 23-0077	EA	5", 150 LB, Black Malleable Iron 45 Degree Elbow	1,779.64	78.78
		For 300 LB Rating, Add	*3,994.76*	
		For Standard Weight Cast Iron Fittings, Add	*26.58*	
		For Work In Restricted Working Space, Add	*35.43*	
23 21 13 23-0078	EA	6", 150 LB, Black Malleable Iron 45 Degree Elbow	1,823.42	82.37
		For 300 LB Rating, Add	*4,087.24*	
		For Standard Weight Cast Iron Fittings, Add	*27.20*	
		For Work In Restricted Working Space, Add	*37.05*	

23 21 13 23-0079 Black Malleable Iron Tees *(23 21 13 23-0014)*

23 21 13 23-0080	EA	3/8", 150 LB, Black Malleable Iron Tee	41.80	18.28
		For 300 LB Rating, Add	*35.39*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
		For Work In Restricted Working Space, Add	*8.33*	
23 21 13 23-0081	EA	1/2", 150 LB, Black Malleable Iron Tee	42.26	22.17
		For 300 LB Rating, Add	*23.53*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
		For Work In Restricted Working Space, Add	*9.99*	
23 21 13 23-0082	EA	3/4", 150 LB, Black Malleable Iron Tee	51.28	25.67
		For 300 LB Rating, Add	*33.19*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
		For Work In Restricted Working Space, Add	*11.52*	
23 21 13 23-0083	EA	1", 150 LB, Black Malleable Iron Tee	67.43	30.27
		For 300 LB Rating, Add	*55.62*	
		For Standard Weight Cast Iron Fittings, Add	*0.35*	
		For Work In Restricted Working Space, Add	*13.62*	
23 21 13 23-0084	EA	1-1/4", 150 LB, Black Malleable Iron Tee	89.68	36.05
		For 300 LB Rating, Add	*88.90*	
		For Standard Weight Cast Iron Fittings, Add	*0.57*	
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-0085	EA	1-1/2", 150 LB, Black Malleable Iron Tee	108.81	42.95
		For 300 LB Rating, Add	*110.38*	
		For Standard Weight Cast Iron Fittings, Add	*0.71*	
		For Work In Restricted Working Space, Add	*19.33*	
23 21 13 23-0086	EA	2", 150 LB, Black Malleable Iron Tee	155.55	53.34
		For 300 LB Rating, Add	*186.35*	
		For Standard Weight Cast Iron Fittings, Add	*1.21*	
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-0087	EA	2-1/2", 150 LB, Black Malleable Iron Tee	268.21	70.12
		For 300 LB Rating, Add	*397.70*	
		For Standard Weight Cast Iron Fittings, Add	*2.61*	
		For Work In Restricted Working Space, Add	*31.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0088	EA	3", 150 LB, Black Malleable Iron Tee	365.06	83.30
		For 300 LB Rating, Add	*584.00*	
		For Standard Weight Cast Iron Fittings, Add	*3.84*	
		For Work In Restricted Working Space, Add	*37.46*	
23 21 13 23-0089	EA	4", 150 LB, Black Malleable Iron Tee	723.58	95.38
		For 300 LB Rating, Add	*1,402.02*	
		For Standard Weight Cast Iron Fittings, Add	*9.29*	
		For Work In Restricted Working Space, Add	*42.89*	
23 21 13 23-0090	EA	5", 150 LB, Black Malleable Iron Tee	1,929.21	113.23
		For 300 LB Rating, Add	*4,232.80*	
		For Standard Weight Cast Iron Fittings, Add	*28.15*	
		For Work In Restricted Working Space, Add	*50.94*	
23 21 13 23-0091	EA	6", 150 LB, Black Malleable Iron Tee	2,082.22	129.43
		For 300 LB Rating, Add	*4,543.25*	
		For Standard Weight Cast Iron Fittings, Add	*30.21*	
		For Work In Restricted Working Space, Add	*58.22*	
23 21 13 23-0092		**Black Malleable Iron Reducing Tees** *(23 21 13 23-0014)*		
23 21 13 23-0093	EA	1/2", 150 LB, Black Malleable Iron Reducing Tee	48.55	22.17
		For 300 LB Rating, Add	*38.62*	
		For Standard Weight Cast Iron Fittings, Add	*0.24*	
		For Work In Restricted Working Space, Add	*9.99*	
23 21 13 23-0094	EA	3/4", 150 LB, Black Malleable Iron Reducing Tee	58.31	25.67
		For 300 LB Rating, Add	*50.06*	
		For Standard Weight Cast Iron Fittings, Add	*0.32*	
		For Work In Restricted Working Space, Add	*11.52*	
23 21 13 23-0095	EA	1", 150 LB, Black Malleable Iron Reducing Tee	70.50	30.27
		For 300 LB Rating, Add	*62.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.40*	
		For Work In Restricted Working Space, Add	*13.62*	
23 21 13 23-0096	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Tee	103.35	36.05
		For 300 LB Rating, Add	*121.70*	
		For Standard Weight Cast Iron Fittings, Add	*0.79*	
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-0097	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Tee	119.12	42.95
		For 300 LB Rating, Add	*135.12*	
		For Standard Weight Cast Iron Fittings, Add	*0.88*	
		For Work In Restricted Working Space, Add	*19.33*	
23 21 13 23-0098	EA	2", 150 LB, Black Malleable Iron Reducing Tee	159.29	53.34
		For 300 LB Rating, Add	*195.33*	
		For Standard Weight Cast Iron Fittings, Add	*1.27*	
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-0099	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Tee	352.50	70.12
		For 300 LB Rating, Add	*600.00*	
		For Standard Weight Cast Iron Fittings, Add	*3.96*	
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-0100	EA	3", 150 LB, Black Malleable Iron Reducing Tee	408.19	83.30
		For 300 LB Rating, Add	*687.51*	
		For Standard Weight Cast Iron Fittings, Add	*4.53*	
		For Work In Restricted Working Space, Add	*37.46*	
23 21 13 23-0101	EA	4", 150 LB, Black Malleable Iron Reducing Tee	830.14	95.38
		For 300 LB Rating, Add	*1,657.76*	
		For Standard Weight Cast Iron Fittings, Add	*10.99*	
		For Work In Restricted Working Space, Add	*42.89*	
23 21 13 23-0102	EA	5", 150 LB, Black Malleable Iron Reducing Tee	1,763.64	113.23
		For 300 LB Rating, Add	*3,835.43*	
		For Standard Weight Cast Iron Fittings, Add	*25.50*	
		For Work In Restricted Working Space, Add	*50.94*	
23 21 13 23-0103	EA	6", 150 LB, Black Malleable Iron Reducing Tee	2,001.85	129.43
		For 300 LB Rating, Add	*4,350.36*	
		For Standard Weight Cast Iron Fittings, Add	*28.92*	
		For Work In Restricted Working Space, Add	*58.22*	
23 21 13 23-0104		**Black Malleable Iron Couplings** *(23 21 13 23-0014)*		
23 21 13 23-0105	EA	3/8", 150 LB, Black Malleable Iron Coupling	34.23	14.79
		For 300 LB Rating, Add	*30.23*	
		For Standard Weight Cast Iron Fittings, Add	*0.19*	
		For Work In Restricted Working Space, Add	*6.66*	
23 21 13 23-0106	EA	1/2", 150 LB, Black Malleable Iron Coupling	35.91	17.78
		For 300 LB Rating, Add	*23.85*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-0107	EA	3/4", 150 LB, Black Malleable Iron Coupling	40.67	19.88
		For 300 LB Rating, Add	*27.85*	
		For Standard Weight Cast Iron Fittings, Add	*0.17*	
		For Work In Restricted Working Space, Add	*8.94*	
23 21 13 23-0108	EA	1", 150 LB, Black Malleable Iron Coupling	49.55	22.17
		For 300 LB Rating, Add	*41.02*	
		For Standard Weight Cast Iron Fittings, Add	*0.26*	
		For Work In Restricted Working Space, Add	*9.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0109	EA	1-1/4", 150 LB, Black Malleable Iron Coupling	58.75	25.17
		For 300 LB Rating, Add	*52.81*	
		For Standard Weight Cast Iron Fittings, Add	*0.34*	
		For Work In Restricted Working Space, Add	*11.31*	
23 21 13 23-0110	EA	1-1/2", 150 LB, Black Malleable Iron Coupling	70.95	28.36
		For 300 LB Rating, Add	*70.83*	
		For Standard Weight Cast Iron Fittings, Add	*0.46*	
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-0111	EA	2", 150 LB, Black Malleable Iron Coupling	96.16	36.05
		For 300 LB Rating, Add	*104.45*	
		For Standard Weight Cast Iron Fittings, Add	*0.67*	
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-0112	EA	2-1/2", 150 LB, Black Malleable Iron Coupling	196.26	53.34
		For 300 LB Rating, Add	*284.06*	
		For Standard Weight Cast Iron Fittings, Add	*1.86*	
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-0113	EA	3", 150 LB, Black Malleable Iron Coupling	262.46	70.12
		For 300 LB Rating, Add	*383.90*	
		For Standard Weight Cast Iron Fittings, Add	*2.52*	
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-0114	EA	4", 150 LB, Black Malleable Iron Coupling	430.03	75.48
		For 300 LB Rating, Add	*767.21*	
		For Standard Weight Cast Iron Fittings, Add	*5.07*	
		For Work In Restricted Working Space, Add	*33.96*	
23 21 13 23-0115	EA	5", 150 LB, Black Malleable Iron Coupling	1,010.27	78.78
		For 300 LB Rating, Add	*2,148.27*	
		For Standard Weight Cast Iron Fittings, Add	*14.27*	
		For Work In Restricted Working Space, Add	*35.43*	
23 21 13 23-0116	EA	6", 150 LB, Black Malleable Iron Coupling	1,139.88	82.37
		For 300 LB Rating, Add	*2,446.75*	
		For Standard Weight Cast Iron Fittings, Add	*16.26*	
		For Work In Restricted Working Space, Add	*37.05*	

23 21 13 23-0117 Black Malleable Iron Reducing Couplings *(23 21 13 23-0014)*

23 21 13 23-0118	EA	1/2", 150 LB, Black Malleable Iron Reducing Coupling	38.15	17.78
		For 300 LB Rating, Add	*29.22*	
		For Standard Weight Cast Iron Fittings, Add	*0.18*	
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-0119	EA	3/4", 150 LB, Black Malleable Iron Reducing Coupling	42.00	19.88
		For 300 LB Rating, Add	*31.04*	
		For Standard Weight Cast Iron Fittings, Add	*0.20*	
		For Work In Restricted Working Space, Add	*8.94*	
23 21 13 23-0120	EA	1", 150 LB, Black Malleable Iron Reducing Coupling	52.26	22.17
		For 300 LB Rating, Add	*47.53*	
		For Standard Weight Cast Iron Fittings, Add	*0.30*	
		For Work In Restricted Working Space, Add	*9.99*	
23 21 13 23-0121	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Coupling	62.09	25.17
		For 300 LB Rating, Add	*60.82*	
		For Standard Weight Cast Iron Fittings, Add	*0.39*	
		For Work In Restricted Working Space, Add	*11.31*	
23 21 13 23-0122	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Coupling	73.34	28.36
		For 300 LB Rating, Add	*76.57*	
		For Standard Weight Cast Iron Fittings, Add	*0.49*	
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-0123	EA	2", 150 LB, Black Malleable Iron Reducing Coupling	98.67	36.05
		For 300 LB Rating, Add	*110.47*	
		For Standard Weight Cast Iron Fittings, Add	*0.71*	
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-0124	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Coupling	211.97	53.34
		For 300 LB Rating, Add	*321.76*	
		For Standard Weight Cast Iron Fittings, Add	*2.11*	
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-0125	EA	3", 150 LB, Black Malleable Iron Reducing Coupling	265.67	70.12
		For 300 LB Rating, Add	*391.60*	
		For Standard Weight Cast Iron Fittings, Add	*2.57*	
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-0126	EA	4", 150 LB, Black Malleable Iron Reducing Coupling	434.98	75.48
		For 300 LB Rating, Add	*779.09*	
		For Standard Weight Cast Iron Fittings, Add	*5.15*	
		For Work In Restricted Working Space, Add	*33.96*	
23 21 13 23-0127	EA	5", 150 LB, Black Malleable Iron Reducing Coupling	841.39	78.78
		For 300 LB Rating, Add	*1,742.96*	
		For Standard Weight Cast Iron Fittings, Add	*11.57*	
		For Work In Restricted Working Space, Add	*35.43*	
23 21 13 23-0128	EA	6", 150 LB, Black Malleable Iron Reducing Coupling	1,052.47	82.37
		For 300 LB Rating, Add	*2,236.96*	
		For Standard Weight Cast Iron Fittings, Add	*14.86*	
		For Work In Restricted Working Space, Add	*37.05*	

23 21 13 23-0129 Black Malleable Iron Caps *(23 21 13 23-0014)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0130	EA	1/2", 150 LB, Black Malleable Iron Cap	18.77	7.89
		For 300 LB Rating, Add	*17.01*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*3.59*	
23 21 13 23-0131	EA	3/4", 150 LB, Black Malleable Iron Cap	22.58	8.89
		For 300 LB Rating, Add	*22.81*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
		For Work In Restricted Working Space, Add	*4.02*	
23 21 13 23-0132	EA	1", 150 LB, Black Malleable Iron Cap	26.09	9.89
		For 300 LB Rating, Add	*27.56*	
		For Standard Weight Cast Iron Fittings, Add	*0.18*	
		For Work In Restricted Working Space, Add	*4.49*	
23 21 13 23-0133	EA	1-1/4", 150 LB, Black Malleable Iron Cap	31.59	11.19
		For 300 LB Rating, Add	*36.13*	
		For Standard Weight Cast Iron Fittings, Add	*0.23*	
		For Work In Restricted Working Space, Add	*5.09*	
23 21 13 23-0134	EA	1-1/2", 150 LB, Black Malleable Iron Cap	39.24	12.59
		For 300 LB Rating, Add	*49.41*	
		For Standard Weight Cast Iron Fittings, Add	*0.32*	
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-0135	EA	2", 150 LB, Black Malleable Iron Cap	53.64	16.08
		For 300 LB Rating, Add	*71.90*	
		For Standard Weight Cast Iron Fittings, Add	*0.47*	
		For Work In Restricted Working Space, Add	*7.29*	
23 21 13 23-0136	EA	2-1/2", 150 LB, Black Malleable Iron Cap	103.31	23.78
		For 300 LB Rating, Add	*163.80*	
		For Standard Weight Cast Iron Fittings, Add	*1.08*	
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-0137	EA	3", 150 LB, Black Malleable Iron Cap	146.63	31.26
		For 300 LB Rating, Add	*241.21*	
		For Standard Weight Cast Iron Fittings, Add	*1.59*	
		For Work In Restricted Working Space, Add	*14.19*	
23 21 13 23-0138	EA	4", 150 LB, Black Malleable Iron Cap	221.26	33.67
		For 300 LB Rating, Add	*411.82*	
		For Standard Weight Cast Iron Fittings, Add	*2.73*	
		For Work In Restricted Working Space, Add	*15.28*	
23 21 13 23-0139	EA	5", 150 LB, Black Malleable Iron Cap	459.08	35.12
		For 300 LB Rating, Add	*977.42*	
		For Standard Weight Cast Iron Fittings, Add	*6.49*	
		For Work In Restricted Working Space, Add	*15.95*	
23 21 13 23-0140	EA	6", 150 LB, Black Malleable Iron Cap	799.67	36.68
		For 300 LB Rating, Add	*1,789.20*	
		For Standard Weight Cast Iron Fittings, Add	*11.91*	
		For Work In Restricted Working Space, Add	*16.67*	

23 21 13 23-0141 Black Malleable Iron Unions *(23 21 13 23-0014)*

23 21 13 23-0142	EA	3/8", 150 LB, Black Malleable Iron Union	54.71	14.79
		For Work In Restricted Working Space, Add	*6.66*	
23 21 13 23-0143	EA	1/2", 150 LB, Black Malleable Iron Union	62.72	22.17
		For Work In Restricted Working Space, Add	*9.99*	
23 21 13 23-0144	EA	3/4", 150 LB, Black Malleable Iron Union	72.24	25.67
		For Work In Restricted Working Space, Add	*11.52*	
23 21 13 23-0145	EA	1", 150 LB, Black Malleable Iron Union	89.50	30.27
		For Work In Restricted Working Space, Add	*13.62*	
23 21 13 23-0146	EA	1-1/4", 150 LB, Black Malleable Iron Union	117.25	36.05
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-0147	EA	1-1/2", 150 LB, Black Malleable Iron Union	143.29	42.95
		For Work In Restricted Working Space, Add	*19.33*	
23 21 13 23-0148	EA	2", 150 LB, Black Malleable Iron Union	171.61	53.34
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-0149	EA	2-1/2", 150 LB, Black Malleable Iron Union	391.16	78.60
		For Work In Restricted Working Space, Add	*35.39*	
23 21 13 23-0150	EA	3", 150 LB, Black Malleable Iron Union	484.10	103.38
		For Work In Restricted Working Space, Add	*46.56*	
23 21 13 23-0151	EA	3/8", 250 LB, Black Malleable Iron Union	65.17	14.79
		For Work In Restricted Working Space, Add	*6.66*	
23 21 13 23-0152	EA	1/2", 250 LB, Black Malleable Iron Union	82.60	22.17
		For Work In Restricted Working Space, Add	*9.99*	
23 21 13 23-0153	EA	3/4", 250 LB, Black Malleable Iron Union	86.91	25.67
		For Work In Restricted Working Space, Add	*11.52*	
23 21 13 23-0154	EA	1", 250 LB, Black Malleable Iron Union	104.90	30.27
		For Work In Restricted Working Space, Add	*13.62*	
23 21 13 23-0155	EA	1-1/4", 250 LB, Black Malleable Iron Union	153.83	36.05
		For Work In Restricted Working Space, Add	*16.19*	
23 21 13 23-0156	EA	1-1/2", 250 LB, Black Malleable Iron Union	179.39	42.95
		For Work In Restricted Working Space, Add	*19.33*	
23 21 13 23-0157	EA	2", 250 LB, Black Malleable Iron Union	227.37	53.34
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-0158	EA	2-1/2", 250 LB, Black Malleable Iron Union	580.21	78.60
		For Work In Restricted Working Space, Add	*35.39*	
23 21 13 23-0159	EA	3", 250 LB, Black Malleable Iron Union	696.19	103.38
		For Work In Restricted Working Space, Add	*46.56*	
23 21 13 23-0160	EA	4", 250 LB, Black Malleable Iron Union	1,126.01	111.38
		For Work In Restricted Working Space, Add	*50.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0161	EA	3/8", 300 LB, Black Malleable Iron Union	91.93	14.79
		For Work In Restricted Working Space, Add	*6.66*	
23 21 13 23-0162	EA	1/2", 300 LB, Black Malleable Iron Union	89.71	22.17
		For Work In Restricted Working Space, Add	*9.99*	
23 21 13 23-0163	EA	3/4", 300 LB, Black Malleable Iron Union	100.89	25.67
		For Work In Restricted Working Space, Add	*11.52*	
23 21 13 23-0164	EA	1", 300 LB, Black Malleable Iron Union	126.97	30.27
		For Work In Restricted Working Space, Add	*13.62*	
23 21 13 23-0165	EA	1-1/4", 300 LB, Black Malleable Iron Union	187.03	36.05
		For Work In Restricted Working Space, Add	*16.19*	
23 21 13 23-0166	EA	1-1/2", 300 LB, Black Malleable Iron Union	203.77	42.95
		For Work In Restricted Working Space, Add	*19.33*	
23 21 13 23-0167	EA	2", 300 LB, Black Malleable Iron Union	252.48	53.34
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-0168	EA	2-1/2", 300 LB, Black Malleable Iron Union	674.38	78.60
		For Work In Restricted Working Space, Add	*35.39*	
23 21 13 23-0169	EA	3", 300 LB, Black Malleable Iron Union	875.03	103.38
		For Work In Restricted Working Space, Add	*46.56*	
23 21 13 23-0170	EA	4", 300 LB, Black Malleable Iron Union	2,451.78	111.38
		For Work In Restricted Working Space, Add	*50.13*	

23 21 13 23-0171 Black Steel Nipples *(23 21 13 23-0014)*

23 21 13 23-0172	EA	3/8" x Close, Schedule 40 Black Steel Nipple	18.16	9.48
		For Schedule 80 Nipples, Add	*1.95*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0173	EA	1/2" x Close, Schedule 40 Black Steel Nipple	17.55	9.48
		For Schedule 80 Nipples, Add	*1.64*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0174	EA	3/4" x Close, Schedule 40 Black Steel Nipple	18.04	9.48
		For Schedule 80 Nipples, Add	*1.89*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0175	EA	1" x Close, Schedule 40 Black Steel Nipple	20.84	10.29
		For Schedule 80 Nipples, Add	*2.74*	
		For Work In Restricted Working Space, Add	*4.61*	
23 21 13 23-0176	EA	1-1/4" x Close, Schedule 40 Black Steel Nipple	23.58	11.09
		For Schedule 80 Nipples, Add	*3.47*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0177	EA	1-1/2" x Close, Schedule 40 Black Steel Nipple	25.28	11.09
		For Schedule 80 Nipples, Add	*4.32*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0178	EA	2" x Close, Schedule 40 Black Steel Nipple	33.23	14.28
		For Schedule 80 Nipples, Add	*5.88*	
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-0179	EA	2-1/2" x Close, Schedule 40 Black Steel Nipple	63.42	17.78
		For Schedule 80 Nipples, Add	*18.39*	
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-0180	EA	3" x Close, Schedule 40 Black Steel Nipple	75.93	21.48
		For Schedule 80 Nipples, Add	*21.86*	
		For Work In Restricted Working Space, Add	*9.67*	
23 21 13 23-0181	EA	4" x Close, Schedule 40 Black Steel Nipple	104.64	25.90
		For Schedule 80 Nipples, Add	*32.92*	
		For Work In Restricted Working Space, Add	*11.64*	
23 21 13 23-0182	EA	3/8" x 1-1/2" Long, Schedule 40 Black Steel Nipple	18.69	9.48
		For Schedule 80 Nipples, Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0183	EA	1/2" x 1-1/2" Long, Schedule 40 Black Steel Nipple	17.55	9.48
		For Schedule 80 Nipples, Add	*1.64*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0184	EA	3/4" x 1-1/2" Long, Schedule 40 Black Steel Nipple	18.32	9.48
		For Schedule 80 Nipples, Add	*2.03*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0185	EA	3/8" x 2" Long, Schedule 40 Black Steel Nipple	18.69	9.48
		For Schedule 80 Nipples, Add	*2.21*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0186	EA	1/2" x 2" Long, Schedule 40 Black Steel Nipple	17.55	9.48
		For Schedule 80 Nipples, Add	*1.64*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0187	EA	3/4" x 2" Long, Schedule 40 Black Steel Nipple	18.32	9.48
		For Schedule 80 Nipples, Add	*2.03*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0188	EA	1" x 2" Long, Schedule 40 Black Steel Nipple	21.37	10.29
		For Schedule 80 Nipples, Add	*3.00*	
		For Work In Restricted Working Space, Add	*4.61*	
23 21 13 23-0189	EA	1-1/4" x 2" Long, Schedule 40 Black Steel Nipple	24.51	11.09
		For Schedule 80 Nipples, Add	*3.93*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0190	EA	1-1/2" x 2" Long, Schedule 40 Black Steel Nipple	25.97	11.09
		For Schedule 80 Nipples, Add	*4.66*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0191	EA	3/8" x 2-1/2" Long, Schedule 40 Black Steel Nipple	19.94	9.48
		For Schedule 80 Nipples, Add	*2.84*	
		For Work In Restricted Working Space, Add	*4.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0192	EA	1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	18.16	9.48
		For Schedule 80 Nipples, Add	*1.95*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0193	EA	3/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	18.85	9.48
		For Schedule 80 Nipples, Add	*2.29*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0194	EA	1" x 2-1/2" Long, Schedule 40 Black Steel Nipple	21.73	10.29
		For Schedule 80 Nipples, Add	*3.18*	
		For Work In Restricted Working Space, Add	*4.61*	
23 21 13 23-0195	EA	1-1/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	25.00	11.09
		For Schedule 80 Nipples, Add	*4.18*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0196	EA	1-1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	27.06	11.09
		For Schedule 80 Nipples, Add	*5.21*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0197	EA	2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	34.97	14.28
		For Schedule 80 Nipples, Add	*6.75*	
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-0198	EA	3/8" x 3" Long, Schedule 40 Black Steel Nipple	19.94	9.48
		For Schedule 80 Nipples, Add	*2.84*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0199	EA	1/2" x 3" Long, Schedule 40 Black Steel Nipple	18.16	9.48
		For Schedule 80 Nipples, Add	*1.95*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0200	EA	3/4" x 3" Long, Schedule 40 Black Steel Nipple	18.85	9.48
		For Schedule 80 Nipples, Add	*2.29*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0201	EA	1" x 3" Long, Schedule 40 Black Steel Nipple	21.73	10.29
		For Schedule 80 Nipples, Add	*3.18*	
		For Work In Restricted Working Space, Add	*4.61*	
23 21 13 23-0202	EA	1-1/4" x 3" Long, Schedule 40 Black Steel Nipple	25.00	11.09
		For Schedule 80 Nipples, Add	*4.18*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0203	EA	1-1/2" x 3" Long, Schedule 40 Black Steel Nipple	27.06	11.09
		For Schedule 80 Nipples, Add	*5.21*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0204	EA	2" x 3" Long, Schedule 40 Black Steel Nipple	34.97	14.28
		For Schedule 80 Nipples, Add	*6.75*	
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-0205	EA	2-1/2" x 3" Long, Schedule 40 Black Steel Nipple	64.40	17.78
		For Schedule 80 Nipples, Add	*18.88*	
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-0206	EA	3" x 3" Long, Schedule 40 Black Steel Nipple	79.74	21.48
		For Schedule 80 Nipples, Add	*23.76*	
		For Work In Restricted Working Space, Add	*9.67*	
23 21 13 23-0207	EA	3/8" x 3-1/2" Long, Schedule 40 Black Steel Nipple	20.95	9.48
		For Schedule 80 Nipples, Add	*3.34*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0208	EA	1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	18.93	9.48
		For Schedule 80 Nipples, Add	*2.33*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0209	EA	3/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	19.94	9.48
		For Schedule 80 Nipples, Add	*2.84*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0210	EA	1" x 3-1/2" Long, Schedule 40 Black Steel Nipple	23.23	10.29
		For Schedule 80 Nipples, Add	*3.93*	
		For Work In Restricted Working Space, Add	*4.61*	
23 21 13 23-0211	EA	1-1/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	26.53	11.09
		For Schedule 80 Nipples, Add	*4.94*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0212	EA	1-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	28.32	11.09
		For Schedule 80 Nipples, Add	*5.84*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0213	EA	2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	37.81	14.28
		For Schedule 80 Nipples, Add	*8.17*	
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-0214	EA	2-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	71.04	17.78
		For Schedule 80 Nipples, Add	*22.20*	
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-0215	EA	3" x 3-1/2" Long, Schedule 40 Black Steel Nipple	88.49	21.48
		For Schedule 80 Nipples, Add	*28.14*	
		For Work In Restricted Working Space, Add	*9.67*	
23 21 13 23-0216	EA	3/8" x 4" Long, Schedule 40 Black Steel Nipple	20.95	9.48
		For Schedule 80 Nipples, Add	*3.34*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0217	EA	1/2" x 4" Long, Schedule 40 Black Steel Nipple	18.93	9.48
		For Schedule 80 Nipples, Add	*2.33*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0218	EA	3/4" x 4" Long, Schedule 40 Black Steel Nipple	19.94	9.48
		For Schedule 80 Nipples, Add	*2.84*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0219	EA	1" x 4" Long, Schedule 40 Black Steel Nipple	23.23	10.29
		For Schedule 80 Nipples, Add	*3.93*	
		For Work In Restricted Working Space, Add	*4.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0220	EA	1-1/4" x 4" Long, Schedule 40 Black Steel Nipple	26.53	11.09
		For Schedule 80 Nipples, Add	*4.94*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0221	EA	1-1/2" x 4" Long, Schedule 40 Black Steel Nipple	28.32	11.09
		For Schedule 80 Nipples, Add	*5.84*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0222	EA	2" x 4" Long, Schedule 40 Black Steel Nipple	37.81	14.28
		For Schedule 80 Nipples, Add	*8.17*	
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-0223	EA	2-1/2" x 4" Long, Schedule 40 Black Steel Nipple	71.04	17.78
		For Schedule 80 Nipples, Add	*22.20*	
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-0224	EA	3" x 4" Long, Schedule 40 Black Steel Nipple	88.49	21.48
		For Schedule 80 Nipples, Add	*28.14*	
		For Work In Restricted Working Space, Add	*9.67*	
23 21 13 23-0225	EA	4" x 4" Long, Schedule 40 Black Steel Nipple	114.97	25.90
		For Schedule 80 Nipples, Add	*38.08*	
		For Work In Restricted Working Space, Add	*11.64*	
23 21 13 23-0226	EA	3/8" x 4-1/2" Long, Schedule 40 Black Steel Nipple	23.91	9.48
		For Schedule 80 Nipples, Add	*4.82*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0227	EA	1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	19.74	9.48
		For Schedule 80 Nipples, Add	*2.74*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0228	EA	3/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	21.40	9.48
		For Schedule 80 Nipples, Add	*3.57*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0229	EA	1" x 4-1/2" Long, Schedule 40 Black Steel Nipple	24.69	10.29
		For Schedule 80 Nipples, Add	*4.66*	
		For Work In Restricted Working Space, Add	*4.61*	
23 21 13 23-0230	EA	1-1/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	28.48	11.09
		For Schedule 80 Nipples, Add	*5.92*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0231	EA	1-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	30.91	11.09
		For Schedule 80 Nipples, Add	*7.13*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0232	EA	2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	40.28	14.28
		For Schedule 80 Nipples, Add	*9.40*	
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-0233	EA	2-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	75.42	17.78
		For Schedule 80 Nipples, Add	*24.39*	
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-0234	EA	3" x 4-1/2" Long, Schedule 40 Black Steel Nipple	94.28	21.48
		For Schedule 80 Nipples, Add	*31.03*	
		For Work In Restricted Working Space, Add	*9.67*	
23 21 13 23-0235	EA	4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	125.83	25.90
		For Schedule 80 Nipples, Add	*43.51*	
		For Work In Restricted Working Space, Add	*11.64*	
23 21 13 23-0236	EA	3/8" x 5" Long, Schedule 40 Black Steel Nipple	23.91	9.48
		For Schedule 80 Nipples, Add	*4.82*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0237	EA	1/2" x 5" Long, Schedule 40 Black Steel Nipple	19.74	9.48
		For Schedule 80 Nipples, Add	*2.74*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0238	EA	3/4" x 5" Long, Schedule 40 Black Steel Nipple	21.40	9.48
		For Schedule 80 Nipples, Add	*3.57*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0239	EA	1" x 5" Long, Schedule 40 Black Steel Nipple	24.69	10.29
		For Schedule 80 Nipples, Add	*4.66*	
		For Work In Restricted Working Space, Add	*4.61*	
23 21 13 23-0240	EA	1-1/4" x 5" Long, Schedule 40 Black Steel Nipple	28.48	11.09
		For Schedule 80 Nipples, Add	*5.92*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0241	EA	1-1/2" x 5" Long, Schedule 40 Black Steel Nipple	30.91	11.09
		For Schedule 80 Nipples, Add	*7.13*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0242	EA	2" x 5" Long, Schedule 40 Black Steel Nipple	40.28	14.28
		For Schedule 80 Nipples, Add	*9.40*	
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-0243	EA	2-1/2" x 5" Long, Schedule 40 Black Steel Nipple	75.42	17.78
		For Schedule 80 Nipples, Add	*24.39*	
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-0244	EA	3" x 5" Long, Schedule 40 Black Steel Nipple	94.28	21.48
		For Schedule 80 Nipples, Add	*31.03*	
		For Work In Restricted Working Space, Add	*9.67*	
23 21 13 23-0245	EA	4" x 5" Long, Schedule 40 Black Steel Nipple	125.83	25.90
		For Schedule 80 Nipples, Add	*43.51*	
		For Work In Restricted Working Space, Add	*11.64*	
23 21 13 23-0246	EA	3/8" x 6" Long, Schedule 40 Black Steel Nipple	25.01	9.48
		For Schedule 80 Nipples, Add	*5.37*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0247	EA	1/2" x 6" Long, Schedule 40 Black Steel Nipple	20.39	9.48
		For Schedule 80 Nipples, Add	*3.06*	
		For Work In Restricted Working Space, Add	*4.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0248	EA	3/4" x 6" Long, Schedule 40 Black Steel Nipple	22.37	9.48
		For Schedule 80 Nipples, Add	*4.05*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0249	EA	1" x 6" Long, Schedule 40 Black Steel Nipple	26.39	10.29
		For Schedule 80 Nipples, Add	*5.51*	
		For Work In Restricted Working Space, Add	*4.61*	
23 21 13 23-0250	EA	1-1/4" x 6" Long, Schedule 40 Black Steel Nipple	30.67	11.09
		For Schedule 80 Nipples, Add	*7.01*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0251	EA	1-1/2" x 6" Long, Schedule 40 Black Steel Nipple	33.02	11.09
		For Schedule 80 Nipples, Add	*8.19*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0252	EA	2" x 6" Long, Schedule 40 Black Steel Nipple	43.52	14.28
		For Schedule 80 Nipples, Add	*11.02*	
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-0253	EA	2-1/2" x 6" Long, Schedule 40 Black Steel Nipple	77.48	17.78
		For Schedule 80 Nipples, Add	*25.42*	
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-0254	EA	3" x 6" Long, Schedule 40 Black Steel Nipple	99.67	21.48
		For Schedule 80 Nipples, Add	*33.73*	
		For Work In Restricted Working Space, Add	*9.67*	
23 21 13 23-0255	EA	4" x 6" Long, Schedule 40 Black Steel Nipple	131.82	25.90
		For Schedule 80 Nipples, Add	*46.51*	
		For Work In Restricted Working Space, Add	*11.64*	
23 21 13 23-0256	EA	3/8" x 8" Long, Schedule 40 Black Steel Nipple	33.11	9.48
		For Schedule 80 Nipples, Add	*9.42*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0257	EA	1/2" x 8" Long, Schedule 40 Black Steel Nipple	25.29	9.48
		For Schedule 80 Nipples, Add	*5.51*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0258	EA	3/4" x 8" Long, Schedule 40 Black Steel Nipple	27.76	9.48
		For Schedule 80 Nipples, Add	*6.75*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0259	EA	1" x 8" Long, Schedule 40 Black Steel Nipple	33.40	10.29
		For Schedule 80 Nipples, Add	*9.02*	
		For Work In Restricted Working Space, Add	*4.61*	
23 21 13 23-0260	EA	1-1/4" x 8" Long, Schedule 40 Black Steel Nipple	39.30	11.09
		For Schedule 80 Nipples, Add	*11.33*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0261	EA	1-1/2" x 8" Long, Schedule 40 Black Steel Nipple	42.62	11.09
		For Schedule 80 Nipples, Add	*12.99*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0262	EA	2" x 8" Long, Schedule 40 Black Steel Nipple	58.43	14.28
		For Schedule 80 Nipples, Add	*18.48*	
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-0263	EA	2-1/2" x 8" Long, Schedule 40 Black Steel Nipple	91.34	17.78
		For Schedule 80 Nipples, Add	*32.35*	
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-0264	EA	3" x 8" Long, Schedule 40 Black Steel Nipple	123.21	21.48
		For Schedule 80 Nipples, Add	*45.50*	
		For Work In Restricted Working Space, Add	*9.67*	
23 21 13 23-0265	EA	4" x 8" Long, Schedule 40 Black Steel Nipple	146.17	25.90
		For Schedule 80 Nipples, Add	*53.68*	
		For Work In Restricted Working Space, Add	*11.64*	
23 21 13 23-0266	EA	3/8" x 10" Long, Schedule 40 Black Steel Nipple	35.42	9.48
		For Schedule 80 Nipples, Add	*10.58*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0267	EA	1/2" x 10" Long, Schedule 40 Black Steel Nipple	27.52	9.48
		For Schedule 80 Nipples, Add	*6.63*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0268	EA	3/4" x 10" Long, Schedule 40 Black Steel Nipple	29.95	9.48
		For Schedule 80 Nipples, Add	*7.84*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0269	EA	1" x 10" Long, Schedule 40 Black Steel Nipple	36.44	10.29
		For Schedule 80 Nipples, Add	*10.54*	
		For Work In Restricted Working Space, Add	*4.61*	
23 21 13 23-0270	EA	1-1/4" x 10" Long, Schedule 40 Black Steel Nipple	43.79	11.09
		For Schedule 80 Nipples, Add	*13.57*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0271	EA	1-1/2" x 10" Long, Schedule 40 Black Steel Nipple	47.03	11.09
		For Schedule 80 Nipples, Add	*15.19*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0272	EA	2" x 10" Long, Schedule 40 Black Steel Nipple	64.91	14.28
		For Schedule 80 Nipples, Add	*21.72*	
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-0273	EA	2-1/2" x 10" Long, Schedule 40 Black Steel Nipple	99.32	17.78
		For Schedule 80 Nipples, Add	*36.34*	
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-0274	EA	3" x 10" Long, Schedule 40 Black Steel Nipple	134.43	21.48
		For Schedule 80 Nipples, Add	*51.11*	
		For Work In Restricted Working Space, Add	*9.67*	
23 21 13 23-0275	EA	4" x 10" Long, Schedule 40 Black Steel Nipple	161.07	25.90
		For Schedule 80 Nipples, Add	*61.13*	
		For Work In Restricted Working Space, Add	*11.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0276	EA	3/8" x 12" Long, Schedule 40 Black Steel Nipple	38.33	9.48
		For Schedule 80 Nipples, Add	*12.03*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0277	EA	1/2" x 12" Long, Schedule 40 Black Steel Nipple	29.99	9.48
		For Schedule 80 Nipples, Add	*7.86*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0278	EA	3/4" x 12" Long, Schedule 40 Black Steel Nipple	31.69	9.48
		For Schedule 80 Nipples, Add	*8.71*	
		For Work In Restricted Working Space, Add	*4.28*	
23 21 13 23-0279	EA	1" x 12" Long, Schedule 40 Black Steel Nipple	39.56	10.29
		For Schedule 80 Nipples, Add	*12.10*	
		For Work In Restricted Working Space, Add	*4.61*	
23 21 13 23-0280	EA	1-1/4" x 12" Long, Schedule 40 Black Steel Nipple	47.44	11.09
		For Schedule 80 Nipples, Add	*15.40*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0281	EA	1-1/2" x 12" Long, Schedule 40 Black Steel Nipple	51.65	11.09
		For Schedule 80 Nipples, Add	*17.50*	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-0282	EA	2" x 12" Long, Schedule 40 Black Steel Nipple	71.47	14.28
		For Schedule 80 Nipples, Add	*25.00*	
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-0283	EA	2-1/2" x 12" Long, Schedule 40 Black Steel Nipple	107.50	17.78
		For Schedule 80 Nipples, Add	*40.43*	
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-0284	EA	3" x 12" Long, Schedule 40 Black Steel Nipple	145.65	21.48
		For Schedule 80 Nipples, Add	*56.72*	
		For Work In Restricted Working Space, Add	*9.67*	
23 21 13 23-0285	EA	4" x 12" Long, Schedule 40 Black Steel Nipple	182.14	25.90
		For Schedule 80 Nipples, Add	*71.67*	
		For Work In Restricted Working Space, Add	*11.64*	

23 21 13 23-0286 Black Malleable Iron Bushing *(23 21 13 23-0014)*

23 21 13 23-0287	EA	1/2" x 3/8", 150 LB, Black Malleable Iron Bushing	34.71	16.28
		For Work In Restricted Working Space, Add	*7.32*	
23 21 13 23-0288	EA	3/4" x 3/8", 150 LB, Black Malleable Iron Bushing	41.07	17.48
		For Work In Restricted Working Space, Add	*7.87*	
23 21 13 23-0289	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Bushing	43.08	18.78
		For Work In Restricted Working Space, Add	*8.47*	
23 21 13 23-0290	EA	1" x 3/8", 150 LB, Black Malleable Iron Bushing	48.45	18.68
		For Work In Restricted Working Space, Add	*8.39*	
23 21 13 23-0291	EA	1" x 1/2", 150 LB, Black Malleable Iron Bushing	45.27	19.98
		For Work In Restricted Working Space, Add	*8.99*	
23 21 13 23-0292	EA	1" x 3/4", 150 LB, Black Malleable Iron Bushing	46.87	21.07
		For Work In Restricted Working Space, Add	*9.47*	
23 21 13 23-0293	EA	1-1/4" x 3/8", 150 LB, Black Malleable Iron Bushing	53.14	20.08
		For Work In Restricted Working Space, Add	*9.05*	
23 21 13 23-0294	EA	1-1/4" x 1/2", 150 LB, Black Malleable Iron Bushing	54.10	21.48
		For Work In Restricted Working Space, Add	*9.65*	
23 21 13 23-0295	EA	1-1/4" x 3/4", 150 LB, Black Malleable Iron Bushing	53.50	22.48
		For Work In Restricted Working Space, Add	*10.13*	
23 21 13 23-0296	EA	1-1/4" x 1", 150 LB, Black Malleable Iron Bushing	55.24	23.67
		For Work In Restricted Working Space, Add	*10.65*	
23 21 13 23-0297	EA	1-1/2" x 3/8", 150 LB, Black Malleable Iron Bushing	62.88	21.77
		For Work In Restricted Working Space, Add	*9.77*	
23 21 13 23-0298	EA	1-1/2" x 1/2", 150 LB, Black Malleable Iron Bushing	59.55	23.07
		For Work In Restricted Working Space, Add	*10.37*	
23 21 13 23-0299	EA	1-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing	61.13	24.07
		For Work In Restricted Working Space, Add	*10.85*	
23 21 13 23-0300	EA	1-1/2" x 1", 150 LB, Black Malleable Iron Bushing	59.84	25.27
		For Work In Restricted Working Space, Add	*11.37*	
23 21 13 23-0301	EA	1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing	65.15	26.77
		For Work In Restricted Working Space, Add	*12.03*	
23 21 13 23-0302	EA	2" x 3/8", 150 LB, Black Malleable Iron Bushing	81.11	25.57
		For Work In Restricted Working Space, Add	*11.49*	
23 21 13 23-0303	EA	2" x 1/2", 150 LB, Black Malleable Iron Bushing	78.04	26.87
		For Work In Restricted Working Space, Add	*12.10*	
23 21 13 23-0304	EA	2" x 3/4", 150 LB, Black Malleable Iron Bushing	73.82	27.97
		For Work In Restricted Working Space, Add	*12.57*	
23 21 13 23-0305	EA	2" x 1", 150 LB, Black Malleable Iron Bushing	73.55	29.07
		For Work In Restricted Working Space, Add	*13.09*	
23 21 13 23-0306	EA	2" x 1-1/4", 150 LB, Black Malleable Iron Bushing	75.75	30.56
		For Work In Restricted Working Space, Add	*13.75*	
23 21 13 23-0307	EA	2" x 1-1/2", 150 LB, Black Malleable Iron Bushing	81.51	32.16
		For Work In Restricted Working Space, Add	*14.47*	
23 21 13 23-0308	EA	2-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing	109.20	36.56
		For Work In Restricted Working Space, Add	*16.46*	
23 21 13 23-0309	EA	2-1/2" x 1", 150 LB, Black Malleable Iron Bushing	110.94	37.76
		For Work In Restricted Working Space, Add	*16.98*	
23 21 13 23-0310	EA	2-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing	113.14	39.16
		For Work In Restricted Working Space, Add	*17.64*	
23 21 13 23-0311	EA	2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Bushing	111.83	40.85
		For Work In Restricted Working Space, Add	*18.36*	
23 21 13 23-0312	EA	2-1/2" x 2", 150 LB, Black Malleable Iron Bushing	117.16	44.65
		For Work In Restricted Working Space, Add	*20.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0313	EA	3" x 3/4", 150 LB, Black Malleable Iron Bushing	142.62	44.94
		For Work In Restricted Working Space, Add	*20.24*	
23 21 13 23-0314	EA	3" x 1", 150 LB, Black Malleable Iron Bushing	144.36	46.14
		For Work In Restricted Working Space, Add	*20.77*	
23 21 13 23-0315	EA	3" x 1-1/4", 150 LB, Black Malleable Iron Bushing	146.56	47.64
		For Work In Restricted Working Space, Add	*21.43*	
23 21 13 23-0316	EA	3" x 1-1/2", 150 LB, Black Malleable Iron Bushing	147.51	49.24
		For Work In Restricted Working Space, Add	*22.15*	
23 21 13 23-0317	EA	3" x 2", 150 LB, Black Malleable Iron Bushing	148.42	53.03
		For Work In Restricted Working Space, Add	*23.87*	
23 21 13 23-0318	EA	3" x 2-1/2", 150 LB, Black Malleable Iron Bushing	162.40	61.72
		For Work In Restricted Working Space, Add	*27.75*	
23 21 13 23-0319	EA	4" x 3/4", 150 LB, Black Malleable Iron Bushing	215.21	47.35
		For Work In Restricted Working Space, Add	*21.32*	
23 21 13 23-0320	EA	4" x 1", 150 LB, Black Malleable Iron Bushing	216.90	48.51
		For Work In Restricted Working Space, Add	*21.83*	
23 21 13 23-0321	EA	4" x 1-1/4", 150 LB, Black Malleable Iron Bushing	219.03	49.96
		For Work In Restricted Working Space, Add	*22.47*	
23 21 13 23-0322	EA	4" x 1-1/2", 150 LB, Black Malleable Iron Bushing	221.37	51.52
		For Work In Restricted Working Space, Add	*23.17*	
23 21 13 23-0323	EA	4" x 2", 150 LB, Black Malleable Iron Bushing	219.21	55.21
		For Work In Restricted Working Space, Add	*24.85*	
23 21 13 23-0324	EA	4" x 2-1/2", 150 LB, Black Malleable Iron Bushing	231.80	63.65
		For Work In Restricted Working Space, Add	*28.62*	
23 21 13 23-0325	EA	4" x 3", 150 LB, Black Malleable Iron Bushing	244.05	71.80
		For Work In Restricted Working Space, Add	*32.30*	

23 21 13 23-0326 Black Malleable Iron Square Head Plugs *(23 21 13 23-0014)*

23 21 13 23-0327	EA	3/8", 150 LB, Black Malleable Iron Square Head Plug	16.75	5.90
		For Work In Restricted Working Space, Add	*2.66*	
23 21 13 23-0328	EA	1/2", 150 LB, Black Malleable Iron Square Head Plug	19.04	7.10
		For Work In Restricted Working Space, Add	*3.20*	
23 21 13 23-0329	EA	3/4", 150 LB, Black Malleable Iron Square Head Plug	20.31	7.99
		For Work In Restricted Working Space, Add	*3.58*	
23 21 13 23-0330	EA	1", 150 LB, Black Malleable Iron Square Head Plug	23.87	8.89
		For Work In Restricted Working Space, Add	*3.99*	
23 21 13 23-0331	EA	1-1/4", 150 LB, Black Malleable Iron Square Head Plug	28.36	10.09
		For Work In Restricted Working Space, Add	*4.52*	
23 21 13 23-0332	EA	1-1/2", 150 LB, Black Malleable Iron Square Head Plug	35.55	11.29
		For Work In Restricted Working Space, Add	*5.10*	
23 21 13 23-0333	EA	2", 150 LB, Black Malleable Iron Square Head Plug	47.96	14.38
		For Work In Restricted Working Space, Add	*6.48*	
23 21 13 23-0334	EA	2-1/2", 150 LB, Black Malleable Iron Square Head Plug	79.94	21.28
		For Work In Restricted Working Space, Add	*9.59*	
23 21 13 23-0335	EA	3", 150 LB, Black Malleable Iron Square Head Plug	107.93	28.07
		For Work In Restricted Working Space, Add	*12.62*	
23 21 13 23-0336	EA	4", 150 LB, Black Malleable Iron Square Head Plug	183.46	30.17
		For Work In Restricted Working Space, Add	*13.58*	
23 21 13 23-0337	EA	5", 150 LB, Black Malleable Iron Square Head Plug	344.03	31.53
		For Work In Restricted Working Space, Add	*14.18*	
23 21 13 23-0338	EA	6", 150 LB, Black Malleable Iron Square Head Plug	417.01	32.89
		For Work In Restricted Working Space, Add	*14.82*	

23 21 13 23-0339 125 LB Black Cast Iron Screwed Flanges *(23 21 13 23-0014)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

23 21 13 23-0340	EA	3/4", 125 LB, Black Cast Iron Flange	210.37	39.95
		For Work In Restricted Working Space, Add	*17.98*	
23 21 13 23-0341	EA	1", 125 LB, Black Cast Iron Flange	163.40	45.14
		For Work In Restricted Working Space, Add	*20.32*	
23 21 13 23-0342	EA	1-1/4", 125 LB, Black Cast Iron Flange	184.56	46.75
		For Work In Restricted Working Space, Add	*21.02*	
23 21 13 23-0343	EA	1-1/2", 125 LB, Black Cast Iron Flange	182.03	50.84
		For Work In Restricted Working Space, Add	*22.88*	
23 21 13 23-0344	EA	2", 125 LB, Black Cast Iron Flange	185.13	53.03
		For Work In Restricted Working Space, Add	*23.87*	
23 21 13 23-0345	EA	2-1/2", 125 LB, Black Cast Iron Flange	215.54	61.43
		For Work In Restricted Working Space, Add	*27.61*	
23 21 13 23-0346	EA	3", 125 LB, Black Cast Iron Flange	275.90	77.91
		For Work In Restricted Working Space, Add	*35.04*	
23 21 13 23-0347	EA	4", 125 LB, Black Cast Iron Flange	369.63	103.53
		For Work In Restricted Working Space, Add	*46.57*	
23 21 13 23-0348	EA	5", 125 LB, Black Cast Iron Flange	487.68	123.32
		For Work In Restricted Working Space, Add	*55.44*	
23 21 13 23-0349	EA	6", 125 LB, Black Cast Iron Flange	554.92	141.56
		For Work In Restricted Working Space, Add	*63.67*	

23 21 13 23-0350 150 LB, Black Malleable Iron Flanges *(23 21 13 23-0014)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

23 21 13 23-0351	EA	1/2", 150 LB, Black Malleable Iron Flange	88.00	36.45
		For Work In Restricted Working Space, Add	*16.42*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0352	EA	3/4", 150 LB, Black Malleable Iron Flange	95.79	39.95
		For Work In Restricted Working Space, Add	*17.98*	
23 21 13 23-0353	EA	1", 150 LB, Black Malleable Iron Flange	114.30	45.14
		For Work In Restricted Working Space, Add	*20.31*	
23 21 13 23-0354	EA	1-1/4", 150 LB, Black Malleable Iron Flange	119.89	46.75
		For Work In Restricted Working Space, Add	*21.02*	
23 21 13 23-0355	EA	1-1/2", 150 LB, Black Malleable Iron Flange	130.59	50.84
		For Work In Restricted Working Space, Add	*22.88*	
23 21 13 23-0356	EA	2", 150 LB, Black Malleable Iron Flange	150.44	53.03
		For Work In Restricted Working Space, Add	*23.87*	
23 21 13 23-0357	EA	2-1/2", 150 LB, Black Malleable Iron Flange	203.18	61.43
		For Work In Restricted Working Space, Add	*27.61*	
23 21 13 23-0358	EA	3", 150 LB, Black Malleable Iron Flange	257.25	77.91
		For Work In Restricted Working Space, Add	*35.04*	
23 21 13 23-0359	EA	4", 150 LB, Black Malleable Iron Flange	393.79	103.53
		For Work In Restricted Working Space, Add	*46.56*	

23 21 13 23-0360 Cut And Thread Existing In-Place Black Steel Pipe *(23 21 13 23-0014)*

Note: For use when connecting pipe to an existing in-place system.

23 21 13 23-0361	EA	1/2", Cut And Thread Existing In Place Black Steel Pipe	32.54	
		For Work In Restricted Working Space, Add	*9.76*	
23 21 13 23-0362	EA	3/4", Cut And Thread Existing In Place Black Steel Pipe	35.79	
		For Work In Restricted Working Space, Add	*10.74*	
23 21 13 23-0363	EA	1", Cut And Thread Existing In Place Black Steel Pipe	39.05	
		For Work In Restricted Working Space, Add	*11.72*	
23 21 13 23-0364	EA	1-1/4", Cut And Thread Existing In Place Black Steel Pipe	42.30	
		For Work In Restricted Working Space, Add	*12.69*	
23 21 13 23-0365	EA	1-1/2", Cut And Thread Existing In Place Black Steel Pipe	44.46	
		For Work In Restricted Working Space, Add	*13.34*	
23 21 13 23-0366	EA	2", Cut And Thread Existing In Place Black Steel Pipe	46.63	
		For Work In Restricted Working Space, Add	*13.99*	
23 21 13 23-0367	EA	2-1/2", Cut And Thread Existing In Place Black Steel Pipe	48.81	
		For Work In Restricted Working Space, Add	*14.64*	
23 21 13 23-0368	EA	3", Cut And Thread Existing In Place Black Steel Pipe	50.97	
		For Work In Restricted Working Space, Add	*15.29*	
23 21 13 23-0369	EA	4", Cut And Thread Existing In Place Black Steel Pipe	53.14	
		For Work In Restricted Working Space, Add	*15.94*	
23 21 13 23-0370	EA	6", Cut And Thread Existing In Place Black Steel Pipe	57.48	
		For Work In Restricted Working Space, Add	*17.24*	
23 21 13 23-0371	EA	8", Cut And Thread Existing In Place Black Steel Pipe	61.81	
		For Work In Restricted Working Space, Add	*18.54*	
23 21 13 23-0372	EA	10", Cut And Thread Existing In Place Black Steel Pipe	67.24	
		For Work In Restricted Working Space, Add	*20.17*	
23 21 13 23-0373	EA	12", Cut And Thread Existing In Place Black Steel Pipe	71.58	
		For Work In Restricted Working Space, Add	*21.47*	

23 21 13 23-0374 Welded Black Steel Pipe *(23 21 13 23)*

23 21 13 23-0375 Welded Plain End Black Steel Pipe Assemblies *(23 21 13 23-0374)*

Note: ASTM A-53 pipe and A-234 WPB fittings. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

23 21 13 23-0376	LF	3/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	26.98	7.60
		For Work In Restricted Working Space, Add	*5.56*	
23 21 13 23-0377	LF	1" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	30.68	8.12
		For Work In Restricted Working Space, Add	*6.23*	
23 21 13 23-0378	LF	1-1/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	37.87	8.62
		For Work In Restricted Working Space, Add	*7.14*	
23 21 13 23-0379	LF	1-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	42.00	8.62
		For Work In Restricted Working Space, Add	*7.47*	
23 21 13 23-0380	LF	2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	48.43	8.62
		For Work In Restricted Working Space, Add	*8.65*	
23 21 13 23-0381	LF	2-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	56.12	8.62
		For Work In Restricted Working Space, Add	*10.03*	
23 21 13 23-0382	LF	3" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	69.71	8.42
		For Work In Restricted Working Space, Add	*10.58*	
23 21 13 23-0383	LF	4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	97.54	10.67
		For Work In Restricted Working Space, Add	*13.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0384	LF	6" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	140.35	15.91
		For Work In Restricted Working Space, Add	*15.26*	
23 21 13 23-0385	LF	8" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	212.48	19.77
		For Work In Restricted Working Space, Add	*22.63*	
23 21 13 23-0386	LF	10" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	288.56	24.72
		For Work In Restricted Working Space, Add	*26.99*	
23 21 13 23-0387	LF	12" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	369.03	29.85
		For Work In Restricted Working Space, Add	*31.19*	
23 21 13 23-0388	LF	14" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	383.98	38.95
		For Work In Restricted Working Space, Add	*34.80*	
23 21 13 23-0389	LF	16" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	440.92	49.43
		For Work In Restricted Working Space, Add	*38.88*	
23 21 13 23-0390	LF	18" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	574.64	61.20
		For Work In Restricted Working Space, Add	*42.67*	
23 21 13 23-0391	LF	20" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	713.98	75.62
		For Work In Restricted Working Space, Add	*48.84*	
23 21 13 23-0392	LF	24" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	890.13	85.71
		For Work In Restricted Working Space, Add	*53.69*	
23 21 13 23-0393		Welded Black Steel Pipe And Fittings *(23 21 13 23-0374)* Note: ASTM A-53 pipe and A-234 WPB fittings. Excludes hangers or fittings.		
23 21 13 23-0394		Welded Plain End (A-53) Black Steel Piping *(23 21 13 23-0393)*		
23 21 13 23-0395	LF	3/4" Schedule 40, Welded Plain End Black Steel Pipe	13.19	4.05
		For Schedule 80 Pipe, Add	*2.23*	
		For Work In Restricted Working Space, Add	*2.44*	
23 21 13 23-0396	LF	1" Schedule 40, Welded Plain End Black Steel Pipe	16.88	5.07
		For Schedule 80 Pipe, Add	*2.87*	
		For Work In Restricted Working Space, Add	*3.04*	
23 21 13 23-0397	LF	1-1/4" Schedule 40, Welded Plain End Black Steel Pipe	22.06	6.09
		For Schedule 80 Pipe, Add	*3.80*	
		For Work In Restricted Working Space, Add	*3.65*	
23 21 13 23-0398	LF	1-1/2" Schedule 40, Welded Plain End Black Steel Pipe	27.32	7.10
		For Schedule 80 Pipe, Add	*4.75*	
		For Work In Restricted Working Space, Add	*4.26*	
23 21 13 23-0399	LF	2" Schedule 40, Welded Plain End Black Steel Pipe	32.54	8.42
		For Schedule 80 Pipe, Add	*5.67*	
		For Work In Restricted Working Space, Add	*5.05*	
23 21 13 23-0400	LF	2-1/2" Schedule 40, Welded Plain End Black Steel Pipe	37.40	9.54
		For Schedule 80 Pipe, Add	*9.75*	
		For Work In Restricted Working Space, Add	*5.72*	
23 21 13 23-0401	LF	3" Schedule 40, Welded Plain End Black Steel Pipe	49.59	10.24
		For Schedule 80 Pipe, Add	*13.77*	
		For Work In Restricted Working Space, Add	*6.15*	
23 21 13 23-0402	LF	4" Schedule 40, Welded Plain End Black Steel Pipe	71.99	12.68
		For Schedule 80 Pipe, Add	*20.76*	
		For Work In Restricted Working Space, Add	*7.61*	
23 21 13 23-0403	LF	6" Schedule 40, Welded Plain End Black Steel Pipe	109.61	20.54
		For Schedule 80 Pipe, Add	*32.86*	
		For Work In Restricted Working Space, Add	*9.43*	
23 21 13 23-0404	LF	8" Schedule 40, Welded Plain End Black Steel Pipe	160.37	21.25
		For Schedule 80 Pipe, Add	*48.69*	
		For Schedule 30 Pipe, Deduct	*-27.82*	
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-0405	LF	10" Schedule 40, Welded Plain End Black Steel Pipe	218.03	25.60
		For Schedule 80 Pipe, Add	*67.35*	
		For Schedule 30 Pipe, Deduct	*-38.49*	
		For Work In Restricted Working Space, Add	*15.36*	
23 21 13 23-0406	LF	12" Schedule 40, Welded Plain End Black Steel Pipe	282.49	30.94
		For Schedule 80 Pipe, Add	*88.04*	
		For Schedule 30 Pipe, Deduct	*-50.31*	
		For Work In Restricted Working Space, Add	*18.56*	
23 21 13 23-0407	LF	14" Schedule 40, Welded Plain End Black Steel Pipe	266.41	32.62
		For Schedule 80 Pipe, Add	*81.82*	
		For Schedule 30 Pipe, Deduct	*-46.76*	
		For Schedule 20 Pipe, Deduct	*-83.46*	
		For Work In Restricted Working Space, Add	*19.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0408	LF	16" Schedule 40, Welded Plain End Black Steel Pipe	295.04	35.10
		For Schedule 80 Pipe, Add	*90.98*	
		For Schedule 30 Pipe, Deduct	*-51.99*	
		For Schedule 20 Pipe, Deduct	*-92.74*	
		For Work In Restricted Working Space, Add	*21.06*	
23 21 13 23-0409	LF	18" Schedule 40, Welded Plain End Black Steel Pipe	387.55	37.96
		For Schedule 80 Pipe, Add	*122.36*	
		For Schedule 30 Pipe, Deduct	*-69.92*	
		For Schedule 20 Pipe, Deduct	*-124.25*	
		For Work In Restricted Working Space, Add	*22.78*	
23 21 13 23-0410	LF	20" Schedule 40, Welded Plain End Black Steel Pipe	456.85	45.47
		For Schedule 80 Pipe, Add	*143.98*	
		For Work In Restricted Working Space, Add	*27.29*	
23 21 13 23-0411	LF	24" Schedule 40, Welded Plain End Black Steel Pipe	577.28	52.30
		For Schedule 80 Pipe, Add	*183.74*	
		For Work In Restricted Working Space, Add	*31.38*	

23 21 13 23-0412 Welded Plain End (A-106) Seamless Carbon Steel Piping *(23 21 13 23-0393)*

23 21 13 23-0413	LF	1/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	10.63	2.83
		For Work In Restricted Working Space, Add	*1.70*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*2.68*	
23 21 13 23-0414	LF	1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	10.72	3.14
		For Work In Restricted Working Space, Add	*1.85*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*2.61*	
23 21 13 23-0415	LF	3/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	13.53	4.05
		For Work In Restricted Working Space, Add	*2.44*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*3.22*	
23 21 13 23-0416	LF	1" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	16.57	5.07
		For Work In Restricted Working Space, Add	*3.04*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*3.90*	
23 21 13 23-0417	LF	1-1/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	20.98	6.09
		For Work In Restricted Working Space, Add	*3.65*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*5.09*	
23 21 13 23-0418	LF	1-1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	24.49	7.10
		For Work In Restricted Working Space, Add	*4.26*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*5.94*	
23 21 13 23-0419	LF	2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	29.10	8.42
		For Work In Restricted Working Space, Add	*5.05*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*7.06*	
23 21 13 23-0420	LF	2-1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	38.71	9.54
		For Work In Restricted Working Space, Add	*5.72*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*13.86*	
23 21 13 23-0421	LF	3" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	44.52	10.24
		For Work In Restricted Working Space, Add	*6.15*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*16.53*	
23 21 13 23-0422	LF	4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	55.34	12.68
		For Work In Restricted Working Space, Add	*7.61*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*20.60*	
23 21 13 23-0423	LF	6" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	87.30	20.59
		For Work In Restricted Working Space, Add	*9.43*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*36.00*	
23 21 13 23-0424	LF	8" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	126.58	21.25
		For Work In Restricted Working Space, Add	*12.75*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*53.46*	
23 21 13 23-0425	LF	10" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	171.12	25.60
		For Work In Restricted Working Space, Add	*15.36*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*74.83*	
23 21 13 23-0426	LF	12" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	208.69	30.94
		For Work In Restricted Working Space, Add	*18.56*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*91.50*	
23 21 13 23-0427	LF	14" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	245.80	32.62
		For Work In Restricted Working Space, Add	*19.58*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*110.90*	
23 21 13 23-0428	LF	16" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	284.46	35.10
		For Work In Restricted Working Space, Add	*21.06*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*130.52*	
23 21 13 23-0429	LF	18" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	346.24	37.96
		For Work In Restricted Working Space, Add	*22.78*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*162.77*	
23 21 13 23-0430	LF	20" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	417.32	45.47
		For Work In Restricted Working Space, Add	*27.29*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*196.41*	
23 21 13 23-0431	LF	24" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	527.41	52.30
		For Work In Restricted Working Space, Add	*31.38*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*252.47*	

23 21 13 23-0432 Welded Plain End Black Steel 90 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0433	EA	3/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	115.01	62.67
		For Schedule 80 Or Extra Heavy Fittings, Add	*24.64*	
		For Work In Restricted Working Space, Add	*28.17*	
23 21 13 23-0434	EA	1" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	119.94	65.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*25.60*	
		For Work In Restricted Working Space, Add	*29.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0435	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	133.78	75.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*28.30*	
		For Work In Restricted Working Space, Add	*33.80*	
23 21 13 23-0436	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	142.67	81.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*30.04*	
		For Work In Restricted Working Space, Add	*36.47*	
23 21 13 23-0437	EA	2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	179.24	105.48
		For Schedule 80 Or Extra Heavy Fittings, Add	*37.17*	
		For Work In Restricted Working Space, Add	*47.44*	
23 21 13 23-0438	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	225.82	131.87
		For Schedule 80 Or Extra Heavy Fittings, Add	*46.99*	
		For Work In Restricted Working Space, Add	*59.30*	
23 21 13 23-0439	EA	3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	239.12	137.11
		For Schedule 80 Or Extra Heavy Fittings, Add	*50.16*	
		For Work In Restricted Working Space, Add	*61.65*	
23 21 13 23-0440	EA	4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	410.79	236.90
		For Schedule 80 Or Extra Heavy Fittings, Add	*85.94*	
		For Work In Restricted Working Space, Add	*106.56*	
23 21 13 23-0441	EA	6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	722.94	390.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*155.33*	
		For Work In Restricted Working Space, Add	*175.86*	
23 21 13 23-0442	EA	8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,056.97	535.70
		For Schedule 80 Or Extra Heavy Fittings, Add	*232.76*	
		For Work In Restricted Working Space, Add	*240.96*	
23 21 13 23-0443	EA	10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,383.89	612.32
		For Schedule 80 Or Extra Heavy Fittings, Add	*318.78*	
		For Work In Restricted Working Space, Add	*275.39*	
23 21 13 23-0444	EA	12" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,876.69	801.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*436.90*	
		For Work In Restricted Working Space, Add	*360.32*	
23 21 13 23-0445	EA	14" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,334.18	946.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*551.18*	
		For Work In Restricted Working Space, Add	*425.92*	
23 21 13 23-0446	EA	16" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,909.51	1,105.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*698.78*	
		For Work In Restricted Working Space, Add	*497.34*	
23 21 13 23-0447	EA	18" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,459.57	1,233.04
		For Schedule 80 Or Extra Heavy Fittings, Add	*843.77*	
		For Work In Restricted Working Space, Add	*554.57*	
23 21 13 23-0448	EA	20" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,440.61	1,382.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,114.54*	
		For Work In Restricted Working Space, Add	*621.84*	
23 21 13 23-0449	EA	24" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	5,236.39	1,428.67
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,346.02*	
		For Work In Restricted Working Space, Add	*642.57*	

23 21 13 23-0450 Welded Plain End Black Steel Reducing 90 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0451	EA	4" x 3" 90 Standard Weight, Welded Plain End Black Steel Reducing 90 Degree Elbow	584.60	237.31
		For Schedule 80 Or Extra Heavy Fittings, Add	*138.02*	
		For Work In Restricted Working Space, Add	*106.75*	
23 21 13 23-0452	EA	6" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,026.99	386.49
		For Schedule 80 Or Extra Heavy Fittings, Add	*247.25*	
		For Work In Restricted Working Space, Add	*173.86*	
23 21 13 23-0453	EA	6" x 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,103.72	386.49
		For Schedule 80 Or Extra Heavy Fittings, Add	*270.27*	
		For Work In Restricted Working Space, Add	*173.86*	
23 21 13 23-0454	EA	8" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,747.13	535.70
		For Schedule 80 Or Extra Heavy Fittings, Add	*439.80*	
		For Work In Restricted Working Space, Add	*240.96*	
23 21 13 23-0455	EA	8" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,930.06	535.70
		For Schedule 80 Or Extra Heavy Fittings, Add	*494.68*	
		For Work In Restricted Working Space, Add	*240.96*	
23 21 13 23-0456	EA	10" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,426.75	612.32
		For Schedule 80 Or Extra Heavy Fittings, Add	*631.64*	
		For Work In Restricted Working Space, Add	*275.39*	
23 21 13 23-0457	EA	10" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,426.75	612.32
		For Schedule 80 Or Extra Heavy Fittings, Add	*631.64*	
		For Work In Restricted Working Space, Add	*275.39*	
23 21 13 23-0458	EA	12" x 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,025.23	816.35
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,079.06*	
		For Work In Restricted Working Space, Add	*367.18*	
23 21 13 23-0459	EA	12" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,025.23	816.35
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,079.06*	
		For Work In Restricted Working Space, Add	*367.18*	
23 21 13 23-0460	EA	12" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,522.83	816.35
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,228.34*	
		For Work In Restricted Working Space, Add	*367.18*	

23 21 13 23-0461 Welded Plain End Black Steel 45 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0462	EA	3/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	102.95	57.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*21.83*	
		For Work In Restricted Working Space, Add	*25.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0463	EA	1" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	106.00	59.53
		For Schedule 80 Or Extra Heavy Fittings, Add	*22.43*	
		For Work In Restricted Working Space, Add	*26.78*	
23 21 13 23-0464	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	119.18	68.35
		For Schedule 80 Or Extra Heavy Fittings, Add	*25.00*	
		For Work In Restricted Working Space, Add	*30.73*	
23 21 13 23-0465	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	127.29	73.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*26.58*	
		For Work In Restricted Working Space, Add	*33.16*	
23 21 13 23-0466	EA	2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	159.75	95.33
		For Schedule 80 Or Extra Heavy Fittings, Add	*32.91*	
		For Work In Restricted Working Space, Add	*42.90*	
23 21 13 23-0467	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	199.01	119.78
		For Schedule 80 Or Extra Heavy Fittings, Add	*40.85*	
		For Work In Restricted Working Space, Add	*53.85*	
23 21 13 23-0468	EA	3" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	230.02	137.01
		For Schedule 80 Or Extra Heavy Fittings, Add	*47.43*	
		For Work In Restricted Working Space, Add	*61.64*	
23 21 13 23-0469	EA	4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	395.69	236.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*81.42*	
		For Work In Restricted Working Space, Add	*106.53*	
23 21 13 23-0470	EA	6" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	685.36	390.55
		For Schedule 80 Or Extra Heavy Fittings, Add	*144.13*	
		For Work In Restricted Working Space, Add	*175.66*	
23 21 13 23-0471	EA	8" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	988.49	535.70
		For Schedule 80 Or Extra Heavy Fittings, Add	*212.21*	
		For Work In Restricted Working Space, Add	*240.96*	
23 21 13 23-0472	EA	10" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,258.16	612.32
		For Schedule 80 Or Extra Heavy Fittings, Add	*281.06*	
		For Work In Restricted Working Space, Add	*275.39*	
23 21 13 23-0473	EA	12" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,692.12	799.65
		For Schedule 80 Or Extra Heavy Fittings, Add	*381.76*	
		For Work In Restricted Working Space, Add	*359.64*	
23 21 13 23-0474	EA	14" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,089.29	948.23
		For Schedule 80 Or Extra Heavy Fittings, Add	*477.52*	
		For Work In Restricted Working Space, Add	*426.48*	
23 21 13 23-0475	EA	16" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,570.02	1,104.62
		For Schedule 80 Or Extra Heavy Fittings, Add	*597.12*	
		For Work In Restricted Working Space, Add	*496.83*	
23 21 13 23-0476	EA	18" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	3,022.72	1,231.55
		For Schedule 80 Or Extra Heavy Fittings, Add	*712.94*	
		For Work In Restricted Working Space, Add	*553.94*	
23 21 13 23-0477	EA	20" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	3,801.65	1,382.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*922.85*	
		For Work In Restricted Working Space, Add	*621.84*	
23 21 13 23-0478	EA	24" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	4,401.33	1,428.67
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,095.50*	
		For Work In Restricted Working Space, Add	*642.57*	

23 21 13 23-0479 Welded Plain End Black Steel Tee *(23 21 13 23-0393)*

23 21 13 23-0480	EA	3/4" Standard Weight, Welded Plain End Black Steel Tee	212.86	108.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*46.82*	
		For Work In Restricted Working Space, Add	*48.68*	
23 21 13 23-0481	EA	1" Standard Weight, Welded Plain End Black Steel Tee	212.80	108.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*46.81*	
		For Work In Restricted Working Space, Add	*48.66*	
23 21 13 23-0482	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Tee	241.42	120.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*53.48*	
		For Work In Restricted Working Space, Add	*54.14*	
23 21 13 23-0483	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Tee	263.80	135.29
		For Schedule 80 Or Extra Heavy Fittings, Add	*57.84*	
		For Work In Restricted Working Space, Add	*60.85*	
23 21 13 23-0484	EA	2" Standard Weight, Welded Plain End Black Steel Tee	324.72	180.62
		For Schedule 80 Or Extra Heavy Fittings, Add	*68.98*	
		For Work In Restricted Working Space, Add	*81.23*	
23 21 13 23-0485	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Tee	371.26	202.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*79.43*	
		For Work In Restricted Working Space, Add	*91.28*	
23 21 13 23-0486	EA	3" Standard Weight, Welded Plain End Black Steel Tee	443.32	246.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*94.24*	
		For Work In Restricted Working Space, Add	*110.75*	
23 21 13 23-0487	EA	4" Standard Weight, Welded Plain End Black Steel Tee	636.94	356.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*135.04*	
		For Work In Restricted Working Space, Add	*160.13*	
23 21 13 23-0488	EA	6" Standard Weight, Welded Plain End Black Steel Tee	1,069.67	588.20
		For Schedule 80 Or Extra Heavy Fittings, Add	*228.31*	
		For Work In Restricted Working Space, Add	*264.56*	
23 21 13 23-0489	EA	8" Standard Weight, Welded Plain End Black Steel Tee	1,571.67	816.35
		For Schedule 80 Or Extra Heavy Fittings, Add	*342.99*	
		For Work In Restricted Working Space, Add	*367.18*	
23 21 13 23-0490	EA	10" Standard Weight, Welded Plain End Black Steel Tee	2,010.97	952.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*453.36*	
		For Work In Restricted Working Space, Add	*428.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0491	EA	12" Standard Weight, Welded Plain End Black Steel Tee	2,722.67	1,224.53
		For Schedule 80 Or Extra Heavy Fittings, Add	*624.03*	
		For Work In Restricted Working Space, Add	*550.77*	
23 21 13 23-0492	EA	14" Standard Weight, Welded Plain End Black Steel Tee	3,567.62	1,428.67
		For Schedule 80 Or Extra Heavy Fittings, Add	*845.39*	
		For Work In Restricted Working Space, Add	*642.57*	
23 21 13 23-0493	EA	16" Standard Weight, Welded Plain End Black Steel Tee	4,293.87	1,714.36
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,018.28*	
		For Work In Restricted Working Space, Add	*771.08*	
23 21 13 23-0494	EA	18" Standard Weight, Welded Plain End Black Steel Tee	5,671.32	1,904.86
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,401.53*	
		For Work In Restricted Working Space, Add	*856.75*	
23 21 13 23-0495	EA	20" Standard Weight, Welded Plain End Black Steel Tee	7,559.57	2,143.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,930.52*	
		For Work In Restricted Working Space, Add	*963.85*	
23 21 13 23-0496	EA	24" Standard Weight, Welded Plain End Black Steel Tee	8,761.82	2,307.85
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,265.25*	
		For Work In Restricted Working Space, Add	*1,037.99*	

23 21 13 23-0497 Welded Plain End Black Steel Reducing Tees *(23 21 13 23-0393)*

23 21 13 23-0498	EA	3/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	207.78	104.87
		For Schedule 80 Or Extra Heavy Fittings, Add	*45.83*	
		For Work In Restricted Working Space, Add	*47.16*	
23 21 13 23-0499	EA	1" Standard Weight, Welded Plain End Black Steel Reducing Tee	212.80	108.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*46.81*	
		For Work In Restricted Working Space, Add	*48.66*	
23 21 13 23-0500	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	238.19	120.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*52.51*	
		For Work In Restricted Working Space, Add	*54.14*	
23 21 13 23-0501	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	260.57	135.29
		For Schedule 80 Or Extra Heavy Fittings, Add	*56.87*	
		For Work In Restricted Working Space, Add	*60.85*	
23 21 13 23-0502	EA	2" Standard Weight, Welded Plain End Black Steel Reducing Tee	331.99	180.62
		For Schedule 80 Or Extra Heavy Fittings, Add	*71.15*	
		For Work In Restricted Working Space, Add	*81.26*	
23 21 13 23-0503	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	371.37	203.03
		For Schedule 80 Or Extra Heavy Fittings, Add	*79.45*	
		For Work In Restricted Working Space, Add	*91.31*	
23 21 13 23-0504	EA	3" Standard Weight, Welded Plain End Black Steel Reducing Tee	443.66	246.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*94.34*	
		For Work In Restricted Working Space, Add	*110.75*	
23 21 13 23-0505	EA	4" Standard Weight, Welded Plain End Black Steel Reducing Tee	637.42	356.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*135.18*	
		For Work In Restricted Working Space, Add	*160.13*	
23 21 13 23-0506	EA	6" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,070.49	588.20
		For Schedule 80 Or Extra Heavy Fittings, Add	*228.55*	
		For Work In Restricted Working Space, Add	*264.56*	
23 21 13 23-0507	EA	8" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,573.24	816.35
		For Schedule 80 Or Extra Heavy Fittings, Add	*343.46*	
		For Work In Restricted Working Space, Add	*367.18*	
23 21 13 23-0508	EA	10" Standard Weight, Welded Plain End Black Steel Reducing Tee	2,013.63	952.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*454.16*	
		For Work In Restricted Working Space, Add	*428.38*	
23 21 13 23-0509	EA	12" Standard Weight, Welded Plain End Black Steel Reducing Tee	2,726.69	1,224.53
		For Schedule 80 Or Extra Heavy Fittings, Add	*625.24*	
		For Work In Restricted Working Space, Add	*550.77*	
23 21 13 23-0510	EA	14" Standard Weight, Welded Plain End Black Steel Reducing Tee	3,574.10	1,428.67
		For Schedule 80 Or Extra Heavy Fittings, Add	*847.33*	
		For Work In Restricted Working Space, Add	*642.57*	
23 21 13 23-0511	EA	16" Standard Weight, Welded Plain End Black Steel Reducing Tee	4,301.72	1,714.36
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,020.64*	
		For Work In Restricted Working Space, Add	*771.08*	
23 21 13 23-0512	EA	18" Standard Weight, Welded Plain End Black Steel Reducing Tee	5,684.15	1,904.86
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,405.38*	
		For Work In Restricted Working Space, Add	*856.75*	
23 21 13 23-0513	EA	20" Standard Weight, Welded Plain End Black Steel Reducing Tee	7,684.16	2,143.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,967.90*	
		For Work In Restricted Working Space, Add	*963.85*	
23 21 13 23-0514	EA	24" Standard Weight, Welded Plain End Black Steel Reducing Tee	9,318.36	2,307.85
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,432.21*	
		For Work In Restricted Working Space, Add	*1,037.99*	

23 21 13 23-0515 Welded Plain End Black Steel Eccentric Reducers *(23 21 13 23-0393)*

23 21 13 23-0516	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	222.44	65.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*56.35*	
		For Work In Restricted Working Space, Add	*29.66*	
23 21 13 23-0517	EA	1-/4" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	232.07	72.37
		For Schedule 80 Or Extra Heavy Fittings, Add	*58.23*	
		For Work In Restricted Working Space, Add	*32.55*	
23 21 13 23-0518	EA	1-/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	229.54	70.68
		For Schedule 80 Or Extra Heavy Fittings, Add	*57.74*	
		For Work In Restricted Working Space, Add	*31.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0519	EA	1-/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	243.72	80.15
		For Schedule 80 Or Extra Heavy Fittings, Add	*60.50*	
		For Work In Restricted Working Space, Add	*36.05*	
23 21 13 23-0520	EA	1-/2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	236.62	75.41
		For Schedule 80 Or Extra Heavy Fittings, Add	*59.12*	
		For Work In Restricted Working Space, Add	*33.92*	
23 21 13 23-0521	EA	1-/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	234.10	73.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*58.62*	
		For Work In Restricted Working Space, Add	*33.16*	
23 21 13 23-0522	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	218.34	95.70
		For Schedule 80 Or Extra Heavy Fittings, Add	*50.44*	
		For Work In Restricted Working Space, Add	*43.04*	
23 21 13 23-0523	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	260.14	92.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*63.46*	
		For Work In Restricted Working Space, Add	*41.67*	
23 21 13 23-0524	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	253.05	87.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*62.07*	
		For Work In Restricted Working Space, Add	*39.55*	
23 21 13 23-0525	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	269.35	121.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*61.64*	
		For Work In Restricted Working Space, Add	*54.76*	
23 21 13 23-0526	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	265.54	109.22
		For Schedule 80 Or Extra Heavy Fittings, Add	*62.47*	
		For Work In Restricted Working Space, Add	*49.13*	
23 21 13 23-0527	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	343.31	106.19
		For Schedule 80 Or Extra Heavy Fittings, Add	*86.28*	
		For Work In Restricted Working Space, Add	*47.76*	
23 21 13 23-0528	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	299.94	136.61
		For Schedule 80 Or Extra Heavy Fittings, Add	*68.47*	
		For Work In Restricted Working Space, Add	*61.46*	
23 21 13 23-0529	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	306.67	136.61
		For Schedule 80 Or Extra Heavy Fittings, Add	*70.49*	
		For Work In Restricted Working Space, Add	*61.46*	
23 21 13 23-0530	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	320.89	136.61
		For Schedule 80 Or Extra Heavy Fittings, Add	*74.75*	
		For Work In Restricted Working Space, Add	*61.46*	
23 21 13 23-0531	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	480.10	237.31
		For Schedule 80 Or Extra Heavy Fittings, Add	*106.67*	
		For Work In Restricted Working Space, Add	*106.76*	
23 21 13 23-0532	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	486.82	237.31
		For Schedule 80 Or Extra Heavy Fittings, Add	*108.68*	
		For Work In Restricted Working Space, Add	*106.76*	
23 21 13 23-0533	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	507.05	237.31
		For Schedule 80 Or Extra Heavy Fittings, Add	*114.75*	
		For Work In Restricted Working Space, Add	*106.76*	
23 21 13 23-0534	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	835.49	386.49
		For Schedule 80 Or Extra Heavy Fittings, Add	*189.80*	
		For Work In Restricted Working Space, Add	*173.86*	
23 21 13 23-0535	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	980.69	386.49
		For Schedule 80 Or Extra Heavy Fittings, Add	*233.36*	
		For Work In Restricted Working Space, Add	*173.86*	
23 21 13 23-0536	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,208.21	588.20
		For Schedule 80 Or Extra Heavy Fittings, Add	*269.87*	
		For Work In Restricted Working Space, Add	*264.56*	
23 21 13 23-0537	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,478.38	588.20
		For Schedule 80 Or Extra Heavy Fittings, Add	*350.92*	
		For Work In Restricted Working Space, Add	*264.56*	
23 21 13 23-0538	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,441.51	676.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*325.97*	
		For Work In Restricted Working Space, Add	*304.24*	
23 21 13 23-0539	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,766.34	676.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*423.42*	
		For Work In Restricted Working Space, Add	*304.24*	
23 21 13 23-0540	EA	10" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,193.71	676.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*551.63*	
		For Concentric Reducers, Deduct	*-377.46*	
		For Work In Restricted Working Space, Add	*304.24*	
23 21 13 23-0541	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,888.47	814.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*438.27*	
		For Work In Restricted Working Space, Add	*366.48*	
23 21 13 23-0542	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,267.94	814.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*552.11*	
		For Work In Restricted Working Space, Add	*366.48*	
23 21 13 23-0543	EA	12" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,909.36	814.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*744.54*	
		For Concentric Reducers, Deduct	*-540.08*	
		For Work In Restricted Working Space, Add	*366.48*	
23 21 13 23-0544	EA	12" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,877.71	814.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*435.05*	
		For Concentric Reducers, Deduct	*-209.96*	
		For Work In Restricted Working Space, Add	*366.48*	
23 21 13 23-0545	EA	14" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,598.50	952.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*629.62*	
		For Work In Restricted Working Space, Add	*428.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0546	EA	14" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,798.33	952.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*689.57*	
		For Work In Restricted Working Space, Add	*428.38*	
23 21 13 23-0547	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	4,790.62	952.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,287.25*	
		For Work In Restricted Working Space, Add	*428.38*	
23 21 13 23-0548	EA	16" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	3,396.69	1,071.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*850.33*	
		For Work In Restricted Working Space, Add	*481.92*	
23 21 13 23-0549	EA	16" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	3,984.99	1,071.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,026.82*	
		For Work In Restricted Working Space, Add	*481.92*	
23 21 13 23-0550	EA	16" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	4,214.01	1,071.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,095.53*	
		For Concentric Reducers, Deduct	*-834.43*	
		For Work In Restricted Working Space, Add	*481.92*	
23 21 13 23-0551	EA	16" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	6,793.92	1,071.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,869.50*	
		For Work In Restricted Working Space, Add	*481.92*	
23 21 13 23-0552	EA	16" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	8,077.71	1,071.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,254.64*	
		For Work In Restricted Working Space, Add	*481.92*	
23 21 13 23-0553	EA	18" x 16" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	5,060.96	1,224.53
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,325.52*	
		For Work In Restricted Working Space, Add	*550.77*	
23 21 13 23-0554	EA	18" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,414.19	1,224.53
		For Schedule 80 Or Extra Heavy Fittings, Add	*531.49*	
		For Concentric Reducers, Deduct	*-185.05*	
		For Work In Restricted Working Space, Add	*550.77*	
23 21 13 23-0555	EA	18" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	5,370.08	1,224.53
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,418.25*	
		For Concentric Reducers, Deduct	*-1,130.94*	
		For Work In Restricted Working Space, Add	*550.77*	
23 21 13 23-0556	EA	18" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	5,825.88	1,224.53
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,554.99*	
		For Work In Restricted Working Space, Add	*550.77*	
23 21 13 23-0557	EA	18" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	9,679.24	1,224.53
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,711.00*	
		For Work In Restricted Working Space, Add	*550.77*	
23 21 13 23-0558	EA	20" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	6,123.40	1,382.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,619.38*	
		For Concentric Reducers, Deduct	*-1,296.20*	
		For Work In Restricted Working Space, Add	*621.84*	
23 21 13 23-0559	EA	20" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	6,112.93	1,382.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,616.24*	
		For Concentric Reducers, Deduct	*-1,292.84*	
		For Work In Restricted Working Space, Add	*621.84*	
23 21 13 23-0560	EA	20" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	11,210.63	1,382.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*3,145.55*	
		For Concentric Reducers, Deduct	*-2,924.11*	
		For Work In Restricted Working Space, Add	*621.84*	
23 21 13 23-0561	EA	20" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	13,255.36	1,382.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*3,758.97*	
		For Work In Restricted Working Space, Add	*621.83*	
23 21 13 23-0562	EA	20" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	16,322.57	1,382.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*4,679.13*	
		For Work In Restricted Working Space, Add	*621.83*	
23 21 13 23-0563	EA	24" x 20" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	7,452.90	1,428.67
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,010.97*	
		For Concentric Reducers, Deduct	*-1,699.52*	
		For Work In Restricted Working Space, Add	*642.57*	
23 21 13 23-0564	EA	24" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	8,070.88	1,428.67
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,196.37*	
		For Concentric Reducers, Deduct	*-1,897.28*	
		For Work In Restricted Working Space, Add	*642.57*	
23 21 13 23-0565	EA	24" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	10,942.15	1,428.67
		For Schedule 80 Or Extra Heavy Fittings, Add	*3,057.75*	
		For Concentric Reducers, Deduct	*-2,816.08*	
		For Work In Restricted Working Space, Add	*642.57*	
23 21 13 23-0566	EA	24" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	16,285.33	1,428.67
		For Schedule 80 Or Extra Heavy Fittings, Add	*4,660.70*	
		For Work In Restricted Working Space, Add	*642.57*	
23 21 13 23-0567	EA	24" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	20,291.75	1,428.67
		For Schedule 80 Or Extra Heavy Fittings, Add	*5,862.63*	
		For Work In Restricted Working Space, Add	*642.57*	

23 21 13 23-0568 Welded Plain End Black Steel Concentric Reducers *(23 21 13 23-0393)*

23 21 13 23-0569	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	190.09	65.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*46.65*	
		For Work In Restricted Working Space, Add	*29.66*	
23 21 13 23-0570	EA	1-/4" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	199.72	72.37
		For Schedule 80 Or Extra Heavy Fittings, Add	*48.52*	
		For Work In Restricted Working Space, Add	*32.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0571	EA	1-/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	197.19	70.68
		For Schedule 80 Or Extra Heavy Fittings, Add	*48.03*	
		For Work In Restricted Working Space, Add	*31.79*	
23 21 13 23-0572	EA	1-/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	211.37	80.15
		For Schedule 80 Or Extra Heavy Fittings, Add	*50.80*	
		For Work In Restricted Working Space, Add	*36.05*	
23 21 13 23-0573	EA	1-/2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	204.27	75.41
		For Schedule 80 Or Extra Heavy Fittings, Add	*49.41*	
		For Work In Restricted Working Space, Add	*33.92*	
23 21 13 23-0574	EA	1-/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	201.75	73.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*48.92*	
		For Work In Restricted Working Space, Add	*33.16*	
23 21 13 23-0575	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	201.85	95.70
		For Schedule 80 Or Extra Heavy Fittings, Add	*45.49*	
		For Work In Restricted Working Space, Add	*43.04*	
23 21 13 23-0576	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	197.28	92.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*44.60*	
		For Work In Restricted Working Space, Add	*41.67*	
23 21 13 23-0577	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	212.65	87.93
		For Schedule 80 Or Extra Heavy Fittings, Add	*49.95*	
		For Work In Restricted Working Space, Add	*39.55*	
23 21 13 23-0578	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	257.38	121.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*58.05*	
		For Work In Restricted Working Space, Add	*54.76*	
23 21 13 23-0579	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	258.81	109.22
		For Schedule 80 Or Extra Heavy Fittings, Add	*60.45*	
		For Work In Restricted Working Space, Add	*49.13*	
23 21 13 23-0580	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	286.42	106.19
		For Schedule 80 Or Extra Heavy Fittings, Add	*69.21*	
		For Work In Restricted Working Space, Add	*47.76*	
23 21 13 23-0581	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	265.51	136.61
		For Schedule 80 Or Extra Heavy Fittings, Add	*58.14*	
		For Work In Restricted Working Space, Add	*61.46*	
23 21 13 23-0582	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	270.00	136.61
		For Schedule 80 Or Extra Heavy Fittings, Add	*59.49*	
		For Work In Restricted Working Space, Add	*61.46*	
23 21 13 23-0583	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	279.74	136.61
		For Schedule 80 Or Extra Heavy Fittings, Add	*62.41*	
		For Work In Restricted Working Space, Add	*61.46*	
23 21 13 23-0584	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	433.69	237.31
		For Schedule 80 Or Extra Heavy Fittings, Add	*92.74*	
		For Work In Restricted Working Space, Add	*106.76*	
23 21 13 23-0585	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	450.91	237.31
		For Schedule 80 Or Extra Heavy Fittings, Add	*97.91*	
		For Work In Restricted Working Space, Add	*106.76*	
23 21 13 23-0586	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	450.91	237.31
		For Schedule 80 Or Extra Heavy Fittings, Add	*97.91*	
		For Work In Restricted Working Space, Add	*106.76*	
23 21 13 23-0587	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	742.71	386.49
		For Schedule 80 Or Extra Heavy Fittings, Add	*161.96*	
		For Work In Restricted Working Space, Add	*173.86*	
23 21 13 23-0588	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	777.12	386.49
		For Schedule 80 Or Extra Heavy Fittings, Add	*172.29*	
		For Work In Restricted Working Space, Add	*173.86*	
23 21 13 23-0589	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,095.93	588.20
		For Schedule 80 Or Extra Heavy Fittings, Add	*236.18*	
		For Work In Restricted Working Space, Add	*264.56*	
23 21 13 23-0590	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,157.31	588.20
		For Schedule 80 Or Extra Heavy Fittings, Add	*254.60*	
		For Work In Restricted Working Space, Add	*264.56*	
23 21 13 23-0591	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,429.54	676.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*322.38*	
		For Work In Restricted Working Space, Add	*304.24*	
23 21 13 23-0592	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,404.09	676.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*314.74*	
		For Work In Restricted Working Space, Add	*304.24*	
23 21 13 23-0593	EA	10" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,724.43	676.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*410.84*	
		For Work In Restricted Working Space, Add	*304.24*	
23 21 13 23-0594	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,735.04	814.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*392.24*	
		For Work In Restricted Working Space, Add	*366.48*	
23 21 13 23-0595	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,811.96	814.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*415.32*	
		For Work In Restricted Working Space, Add	*366.48*	
23 21 13 23-0596	EA	12" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,839.82	814.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*423.68*	
		For Work In Restricted Working Space, Add	*366.48*	
23 21 13 23-0597	EA	12" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,656.38	814.77
		For Schedule 80 Or Extra Heavy Fittings, Add	*668.65*	
		For Work In Restricted Working Space, Add	*366.48*	
23 21 13 23-0598	EA	14" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,200.32	952.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*510.16*	
		For Work In Restricted Working Space, Add	*428.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0599	EA	14" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,485.47	952.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*595.71*	
		For Work In Restricted Working Space, Add	*428.38*	
23 21 13 23-0600	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,733.21	952.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*670.03*	
		For Work In Restricted Working Space, Add	*428.38*	
23 21 13 23-0601	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,690.66	952.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*957.27*	
		For Work In Restricted Working Space, Add	*428.38*	
23 21 13 23-0602	EA	16" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,958.10	1,071.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*718.76*	
		For Work In Restricted Working Space, Add	*481.92*	
23 21 13 23-0603	EA	16" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,958.10	1,071.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*718.76*	
		For Work In Restricted Working Space, Add	*481.92*	
23 21 13 23-0604	EA	16" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,100.32	1,071.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*761.42*	
		For Work In Restricted Working Space, Add	*481.92*	
23 21 13 23-0605	EA	16" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,572.58	1,071.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*903.10*	
		For Work In Restricted Working Space, Add	*481.92*	
23 21 13 23-0606	EA	16" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	5,528.46	1,071.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,489.86*	
		For Work In Restricted Working Space, Add	*481.92*	
23 21 13 23-0607	EA	18" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,312.59	1,224.53
		For Schedule 80 Or Extra Heavy Fittings, Add	*801.01*	
		For Work In Restricted Working Space, Add	*550.77*	
23 21 13 23-0608	EA	18" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,677.10	1,224.53
		For Schedule 80 Or Extra Heavy Fittings, Add	*910.36*	
		For Work In Restricted Working Space, Add	*550.77*	
23 21 13 23-0609	EA	18" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,829.77	1,224.53
		For Schedule 80 Or Extra Heavy Fittings, Add	*956.16*	
		For Work In Restricted Working Space, Add	*550.77*	
23 21 13 23-0610	EA	18" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	4,245.15	1,224.53
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,080.78*	
		For Work In Restricted Working Space, Add	*550.77*	
23 21 13 23-0611	EA	18" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	9,018.62	1,224.53
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,512.82*	
		For Work In Restricted Working Space, Add	*550.77*	
23 21 13 23-0612	EA	20" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	4,607.02	1,382.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,164.46*	
		For Work In Restricted Working Space, Add	*621.83*	
23 21 13 23-0613	EA	20" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	4,607.02	1,382.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,164.46*	
		For Work In Restricted Working Space, Add	*621.83*	
23 21 13 23-0614	EA	20" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	4,711.07	1,382.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,195.68*	
		For Work In Restricted Working Space, Add	*621.83*	
23 21 13 23-0615	EA	20" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	5,327.05	1,382.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,380.47*	
		For Work In Restricted Working Space, Add	*621.83*	
23 21 13 23-0616	EA	20" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	6,398.81	1,382.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,702.00*	
		For Work In Restricted Working Space, Add	*621.83*	
23 21 13 23-0617	EA	24" x 20" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	5,008.47	1,428.67
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,277.64*	
		For Work In Restricted Working Space, Add	*642.57*	
23 21 13 23-0618	EA	24" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	5,073.56	1,428.67
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,297.17*	
		For Work In Restricted Working Space, Add	*642.57*	
23 21 13 23-0619	EA	24" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	5,200.79	1,428.67
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,335.34*	
		For Work In Restricted Working Space, Add	*642.57*	
23 21 13 23-0620	EA	24" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	8,146.70	1,428.67
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,219.11*	
		For Work In Restricted Working Space, Add	*642.57*	
23 21 13 23-0621	EA	24" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	8,728.25	1,428.67
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,393.58*	
		For Work In Restricted Working Space, Add	*642.57*	

23 21 13 23-0622 Welded Plain End Black Steel Caps *(23 21 13 23-0393)*

23 21 13 23-0623	EA	1" Standard Weight, Welded Plain End Black Steel Cap	61.43	33.87
		For Schedule 80 Fittings, Add	*12.09*	
		For Work In Restricted Working Space, Add	*15.21*	
23 21 13 23-0624	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Cap	67.16	37.22
		For Schedule 80 Fittings, Add	*13.18*	
		For Work In Restricted Working Space, Add	*16.73*	
23 21 13 23-0625	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Cap	69.87	38.54
		For Schedule 80 Fittings, Add	*13.73*	
		For Work In Restricted Working Space, Add	*17.34*	
23 21 13 23-0626	EA	2" Standard Weight, Welded Plain End Black Steel Cap	86.71	49.39
		For Schedule 80 Fittings, Add	*16.76*	
		For Work In Restricted Working Space, Add	*22.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0627	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Cap	102.52	59.53
		For Schedule 80 Fittings, Add	*19.60*	
		For Work In Restricted Working Space, Add	*26.78*	
23 21 13 23-0628	EA	3" Standard Weight, Welded Plain End Black Steel Cap	120.38	68.66
		For Schedule 80 Fittings, Add	*23.24*	
		For Work In Restricted Working Space, Add	*30.89*	
23 21 13 23-0629	EA	4" Standard Weight, Welded Plain End Black Steel Cap	201.10	118.65
		For Schedule 80 Fittings, Add	*38.09*	
		For Work In Restricted Working Space, Add	*53.38*	
23 21 13 23-0630	EA	6" Standard Weight, Welded Plain End Black Steel Cap	337.97	196.04
		For Schedule 80 Fittings, Add	*64.65*	
		For Work In Restricted Working Space, Add	*88.19*	
23 21 13 23-0631	EA	8" Standard Weight, Welded Plain End Black Steel Cap	478.07	274.84
		For Schedule 80 Fittings, Add	*91.92*	
		For Work In Restricted Working Space, Add	*123.60*	
23 21 13 23-0632	EA	10" Standard Weight, Welded Plain End Black Steel Cap	636.00	346.94
		For Schedule 80 Fittings, Add	*125.79*	
		For Work In Restricted Working Space, Add	*156.02*	
23 21 13 23-0633	EA	12" Standard Weight, Welded Plain End Black Steel Cap	742.68	398.69
		For Schedule 80 Fittings, Add	*148.09*	
		For Work In Restricted Working Space, Add	*179.32*	
23 21 13 23-0634	EA	14" Standard Weight, Welded Plain End Black Steel Cap	986.42	476.19
		For Schedule 80 Fittings, Add	*206.68*	
		For Work In Restricted Working Space, Add	*214.19*	
23 21 13 23-0635	EA	16" Standard Weight, Welded Plain End Black Steel Cap	1,145.58	553.00
		For Schedule 80 Fittings, Add	*240.04*	
		For Work In Restricted Working Space, Add	*248.73*	
23 21 13 23-0636	EA	18" Standard Weight, Welded Plain End Black Steel Cap	1,281.93	612.32
		For Schedule 80 Fittings, Add	*269.84*	
		For Work In Restricted Working Space, Add	*275.39*	

23 21 13 23-0637 150 LB, Welded Plain End Black Steel Neck Flanges *(23 21 13 23-0393)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

23 21 13 23-0638	EA	2", 150 LB, Welded Plain End Black Steel Neck Flange	153.71	76.47
		For 300 LB Rating, Add	*39.39*	
		For Work In Restricted Working Space, Add	*34.39*	
23 21 13 23-0639	EA	2-1/2", 150 LB, Welded Plain End Black Steel Neck Flange	182.13	95.43
		For 300 LB Rating, Add	*42.37*	
		For Work In Restricted Working Space, Add	*42.92*	
23 21 13 23-0640	EA	3", 150 LB, Welded Plain End Black Steel Neck Flange	202.69	109.12
		For 300 LB Rating, Add	*44.55*	
		For Work In Restricted Working Space, Add	*49.07*	
23 21 13 23-0641	EA	4", 150 LB, Welded Plain End Black Steel Neck Flange	265.61	143.91
		For 300 LB Rating, Add	*57.54*	
		For Work In Restricted Working Space, Add	*64.73*	
23 21 13 23-0642	EA	6", 150 LB, Welded Plain End Black Steel Neck Flange	403.82	218.24
		For 300 LB Rating, Add	*88.03*	
		For Work In Restricted Working Space, Add	*98.14*	
23 21 13 23-0643	EA	8", 150 LB, Welded Plain End Black Steel Neck Flange	467.41	231.72
		For 300 LB Rating, Add	*120.53*	
		For Work In Restricted Working Space, Add	*104.20*	
23 21 13 23-0644	EA	10" , 150 LB, Welded Plain End Black Steel Neck Flange	611.08	290.53
		For 300 LB Rating, Add	*168.56*	
		For Work In Restricted Working Space, Add	*130.69*	
23 21 13 23-0645	EA	12" , 150 LB, Welded Plain End Black Steel Neck Flange	750.10	329.68
		For 300 LB Rating, Add	*230.97*	
		For Work In Restricted Working Space, Add	*148.28*	
23 21 13 23-0646	EA	14" , 150 LB, Welded Plain End Black Steel Neck Flange	986.09	398.69
		For 300 LB Rating, Add	*334.61*	
		For Work In Restricted Working Space, Add	*179.32*	
23 21 13 23-0647	EA	16", 150 LB, Welded Plain End Black Steel Neck Flange	1,301.41	463.34
		For 300 LB Rating, Add	*497.66*	
		For Work In Restricted Working Space, Add	*208.40*	
23 21 13 23-0648	EA	18", 150 LB, Welded Plain End Black Steel Neck Flange	1,621.20	519.49
		For 300 LB Rating, Add	*671.41*	
		For Work In Restricted Working Space, Add	*233.66*	
23 21 13 23-0649	EA	20", 150 LB, Welded Plain End Black Steel Neck Flange	2,055.42	659.37
		For 300 LB Rating, Add	*850.59*	
		For Work In Restricted Working Space, Add	*296.57*	
23 21 13 23-0650	EA	24", 150 LB, Welded Plain End Black Steel Neck Flange	2,337.80	714.33
		For 300 LB Rating, Add	*999.25*	
		For Work In Restricted Working Space, Add	*321.28*	

23 21 13 23-0651 150 LB, Welded Black Steel Slip-On Flanges *(23 21 13 23-0393)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

23 21 13 23-0652	EA	2", 150 LB, Welded Black Steel Slip-On Flanges	114.64	76.47
		For 300 LB Rating, Add	*30.62*	
		For Work In Restricted Working Space, Add	*27.38*	
23 21 13 23-0653	EA	2-1/2", 150 LB, Welded Black Steel Slip-On Flange	141.57	95.43
		For 300 LB Rating, Add	*38.72*	
		For Work In Restricted Working Space, Add	*33.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0654	EA	3", 150 LB, Welded Black Steel Slip-On Flange	167.16	109.12
		For 300 LB Rating, Add	*45.63*	
		For Work In Restricted Working Space, Add	*39.55*	
23 21 13 23-0655	EA	4", 150 LB, Welded Black Steel Slip-On Flange	220.59	143.91
		For 300 LB Rating, Add	*61.47*	
		For Work In Restricted Working Space, Add	*51.72*	
23 21 13 23-0656	EA	6", 150 LB, Welded Black Steel Slip-On Flange	327.69	218.24
		For 300 LB Rating, Add	*93.36*	
		For Work In Restricted Working Space, Add	*76.06*	
23 21 13 23-0657	EA	8", 150 LB, Welded Black Steel Slip-On Flange	429.15	231.72
		For 300 LB Rating, Add	*134.74*	
		For Work In Restricted Working Space, Add	*94.90*	
23 21 13 23-0658	EA	10", 150 LB, Welded Black Steel Slip-On Flange	590.17	290.53
		For 300 LB Rating, Add	*216.79*	
		For Work In Restricted Working Space, Add	*118.63*	
23 21 13 23-0659	EA	12", 150 LB, Welded Black Steel Slip-On Flange	781.78	329.68
		For 300 LB Rating, Add	*326.37*	
		For Work In Restricted Working Space, Add	*142.35*	
23 21 13 23-0660	EA	14", 150 LB, Welded Black Steel Slip-On Flange	1,002.54	398.69
		For 300 LB Rating, Add	*462.17*	
		For Work In Restricted Working Space, Add	*166.08*	
23 21 13 23-0661	EA	16", 150 LB, Welded Black Steel Slip-On Flange	1,217.37	463.34
		For 300 LB Rating, Add	*608.37*	
		For Work In Restricted Working Space, Add	*183.87*	
23 21 13 23-0662	EA	18", 150 LB, Welded Black Steel Slip-On Flange	1,349.98	519.49
		For 300 LB Rating, Add	*680.56*	
		For Work In Restricted Working Space, Add	*201.67*	
23 21 13 23-0663	EA	20", 150 LB, Welded Black Steel Slip-On Flange	1,501.90	659.37
		For 300 LB Rating, Add	*770.14*	
		For Work In Restricted Working Space, Add	*219.46*	
23 21 13 23-0664	EA	24", 150 LB, Welded Black Steel Slip-On Flange	1,715.74	714.33
		For 300 LB Rating, Add	*868.29*	
		For Work In Restricted Working Space, Add	*255.05*	
23 21 13 23-0665		**150 LB, Forged Steel Blind Flanges** *(23 21 13.23-0393)*		
23 21 13 23-0666	EA	2", 150 LB, Forged Steel Blind Flange	76.30	27.13
		For 300 LB Rating, Add	*23.34*	
		For 600 LB Rating, Add	*61.06*	
		For Work In Restricted Working Space, Add	*16.28*	
23 21 13 23-0667	EA	2-1/2", 150 LB, Forged Steel Blind Flange	100.85	32.55
		For 300 LB Rating, Add	*35.44*	
		For 600 LB Rating, Add	*95.57*	
		For Work In Restricted Working Space, Add	*19.53*	
23 21 13 23-0668	EA	3", 150 LB, Forged Steel Blind Flange	123.79	43.41
		For 300 LB Rating, Add	*38.71*	
		For 600 LB Rating, Add	*101.80*	
		For Work In Restricted Working Space, Add	*26.04*	
23 21 13 23-0669	EA	4", 150 LB, Forged Steel Blind Flange	159.47	54.25
		For 300 LB Rating, Add	*52.17*	
		For 600 LB Rating, Add	*138.60*	
		For Work In Restricted Working Space, Add	*32.55*	
23 21 13 23-0670	EA	6", 150 LB, Forged Steel Blind Flange	218.29	70.53
		For 300 LB Rating, Add	*76.60*	
		For 600 LB Rating, Add	*206.53*	
		For Work In Restricted Working Space, Add	*42.32*	
23 21 13 23-0671	EA	8", 150 LB, Forged Steel Blind Flange	285.29	81.38
		For 300 LB Rating, Add	*115.11*	
		For 600 LB Rating, Add	*318.49*	
		For Work In Restricted Working Space, Add	*48.83*	
23 21 13 23-0672	EA	10", 150 LB, Forged Steel Blind Flange	434.57	97.65
		For 300 LB Rating, Add	*211.92*	
		For 600 LB Rating, Add	*603.54*	
		For Work In Restricted Working Space, Add	*58.59*	
23 21 13 23-0673	EA	12", 150 LB, Forged Steel Blind Flange	566.50	113.93
		For 300 LB Rating, Add	*294.84*	
		For 600 LB Rating, Add	*846.94*	
		For Work In Restricted Working Space, Add	*68.36*	
23 21 13 23-0674	EA	14", 150 LB, Forged Steel Blind Flange	957.67	130.21
		For 300 LB Rating, Add	*585.16*	
		For Work In Restricted Working Space, Add	*78.12*	
23 21 13 23-0675	EA	16", 150 LB, Forged Steel Blind Flange	1,027.91	146.48
		For 300 LB Rating, Add	*618.73*	
		For Work In Restricted Working Space, Add	*87.89*	
23 21 13 23-0676	EA	18", 150 LB, Forged Steel Blind Flange	1,156.33	179.02
		For 300 LB Rating, Add	*676.21*	
		For Work In Restricted Working Space, Add	*107.42*	
23 21 13 23-0677	EA	20", 150 LB, Forged Steel Blind Flange	1,483.57	195.30
		For 300 LB Rating, Add	*915.38*	
		For Work In Restricted Working Space, Add	*117.18*	
23 21 13 23-0678	EA	24", 150 LB, Forged Steel Blind Flange	2,020.47	227.85
		For 300 LB Rating, Add	*1,299.66*	
		For Work In Restricted Working Space, Add	*136.71*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0679		**3,000 LB, Forge Steel Thread-O-Lets** *(23 21 13 23-0393)*		
23 21 13 23-0680	EA	1/2", 3,000 LB, Forge Steel Thread-O-Let	70.41	
		For Work In Restricted Working Space, Add	*19.17*	
23 21 13 23-0681	EA	3/4", 3,000 LB, Forge Steel Thread-O-Let	74.58	
		For Work In Restricted Working Space, Add	*20.08*	
23 21 13 23-0682	EA	1", 3,000 LB, Forge Steel Thread-O-Let	79.57	
		For Work In Restricted Working Space, Add	*21.30*	
23 21 13 23-0683	EA	1-1/4", 3,000 LB, Forge Steel Thread-O-Let	88.23	
		For Work In Restricted Working Space, Add	*22.82*	
23 21 13 23-0684	EA	1-1/2", 3,000 LB, Forge Steel Thread-O-Let	98.98	
		For Work In Restricted Working Space, Add	*25.86*	
23 21 13 23-0685	EA	2", 3,000 LB, Forge Steel Thread-O-Let	127.90	
		For Work In Restricted Working Space, Add	*33.80*	
23 21 13 23-0686	EA	2-1/2", 3,000 LB, Forge Steel Thread-O-Let	200.10	
		For Work In Restricted Working Space, Add	*43.46*	
23 21 13 23-0687	EA	3", 3,000 LB, Forge Steel Thread-O-Let	275.88	
		For Work In Restricted Working Space, Add	*60.85*	
23 21 13 23-0688	EA	4", 3,000 LB, Forge Steel Thread-O-Let	367.70	
		For Work In Restricted Working Space, Add	*76.06*	
23 21 13 23-0689		**3,000 LB, Forge Steel Weld-O-Lets** *(23 21 13 23-0393)*		
23 21 13 23-0690	EA	1/2", 3,000 LB, Forge Steel Weld-O-Let	88.91	
		For Work In Restricted Working Space, Add	*22.12*	
23 21 13 23-0691	EA	3/4", 3,000 LB, Forge Steel Weld-O-Let	95.10	
		For Work In Restricted Working Space, Add	*23.18*	
23 21 13 23-0692	EA	1", 3,000 LB, Forge Steel Weld-O-Let	101.12	
		For Work In Restricted Working Space, Add	*24.34*	
23 21 13 23-0693	EA	1-1/4", 3,000 LB, Forge Steel Weld-O-Let	118.52	
		For Work In Restricted Working Space, Add	*27.05*	
23 21 13 23-0694	EA	1-1/2", 3,000 LB, Forge Steel Weld-O-Let	131.19	
		For Work In Restricted Working Space, Add	*30.43*	
23 21 13 23-0695	EA	2", 3,000 LB, Forge Steel Weld-O-Let	175.36	
		For Work In Restricted Working Space, Add	*40.56*	
23 21 13 23-0696	EA	2-1/2", 3,000 LB, Forge Steel Weld-O-Let	290.94	
		For Work In Restricted Working Space, Add	*48.68*	
23 21 13 23-0697	EA	3", 3,000 LB, Forge Steel Weld-O-Let	383.19	
		For Work In Restricted Working Space, Add	*63.89*	
23 21 13 23-0698	EA	4", 3,000 LB, Forge Steel Weld-O-Let	536.52	
		For Work In Restricted Working Space, Add	*81.14*	
23 21 13 23-0699	EA	6", 3,000 LB, Forge Steel Weld-O-Let	758.52	
		For Work In Restricted Working Space, Add	*121.70*	
23 21 13 23-0700	EA	8", 3,000 LB, Forge Steel Weld-O-Let	1,208.54	
		For Work In Restricted Working Space, Add	*162.25*	
23 21 13 23-0701	EA	10", 3,000 LB, Forge Steel Weld-O-Let	1,573.42	
		For Work In Restricted Working Space, Add	*187.23*	
23 21 13 23-0702	EA	12", 3,000 LB, Forge Steel Weld-O-Let	2,540.74	
		For Work In Restricted Working Space, Add	*221.28*	
23 21 13 23-0703		**3,000 LB, Forge Steel Sock-O-Lets** *(23 21 13 23-0393)*		
23 21 13 23-0704	EA	1/2", 3,000 LB, Forge Steel Sock-O-Let	102.61	
		For Work In Restricted Working Space, Add	*26.44*	
23 21 13 23-0705	EA	3/4", 3,000 LB, Forge Steel Sock-O-Let	109.39	
		For Work In Restricted Working Space, Add	*27.72*	
23 21 13 23-0706	EA	1", 3,000 LB, Forge Steel Sock-O-Let	117.03	
		For Work In Restricted Working Space, Add	*29.39*	
23 21 13 23-0707	EA	1-1/4", 3,000 LB, Forge Steel Sock-O-Let	132.01	
		For Work In Restricted Working Space, Add	*31.49*	
23 21 13 23-0708	EA	1-1/2", 3,000 LB, Forge Steel Sock-O-Let	147.34	
		For Work In Restricted Working Space, Add	*35.69*	
23 21 13 23-0709	EA	2", 3,000 LB, Forge Steel Sock-O-Let	190.92	
		For Work In Restricted Working Space, Add	*46.64*	
23 21 13 23-0710	EA	2-1/2", 3,000 LB, Forge Steel Sock-O-Let	322.57	
		For Work In Restricted Working Space, Add	*59.97*	
23 21 13 23-0711	EA	3", 3,000 LB, Forge Steel Sock-O-Let	442.20	
		For Work In Restricted Working Space, Add	*83.97*	
23 21 13 23-0712	EA	4", 3,000 LB, Forge Steel Sock-O-Let	603.53	
		For Work In Restricted Working Space, Add	*104.96*	
23 21 13 23-0713		**Class 150 Flange, Steel Bolt And Gasket Sets** *(23 21 13 23-0393)*		
		Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.		
23 21 13 23-0714	EA	3/4" To 1-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	11.51	
		Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*3.22*	
		For Hot Dip Galvanized, Add	*4.60*	
		For Advanced Fluoropolymer (Blue Coating), Add	*8.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0715	EA	2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	14.53	
		Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*4.07*	
		For Hot Dip Galvanized, Add	*5.81*	
		For Advanced Fluoropolymer (Blue Coating), Add	*10.17*	
23 21 13 23-0716	EA	2-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	14.72	
		Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*4.12*	
		For Hot Dip Galvanized, Add	*5.89*	
		For Advanced Fluoropolymer (Blue Coating), Add	*10.30*	
23 21 13 23-0717	EA	3" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	14.81	
		Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*4.15*	
		For Hot Dip Galvanized, Add	*5.92*	
		For Advanced Fluoropolymer (Blue Coating), Add	*10.37*	
23 21 13 23-0718	EA	4" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	32.60	
		Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*9.13*	
		For Hot Dip Galvanized, Add	*13.04*	
		For Advanced Fluoropolymer (Blue Coating), Add	*22.82*	
23 21 13 23-0719	EA	5" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	46.49	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*13.02*	
		For Hot Dip Galvanized, Add	*18.60*	
		For Advanced Fluoropolymer (Blue Coating), Add	*32.54*	
23 21 13 23-0720	EA	6" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	50.35	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*14.10*	
		For Hot Dip Galvanized, Add	*20.14*	
		For Advanced Fluoropolymer (Blue Coating), Add	*35.25*	
23 21 13 23-0721	EA	8" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	55.38	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*15.51*	
		For Hot Dip Galvanized, Add	*22.15*	
		For Advanced Fluoropolymer (Blue Coating), Add	*38.77*	
23 21 13 23-0722	EA	10" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	121.72	
		Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*34.08*	
		For Hot Dip Galvanized, Add	*48.69*	
		For Advanced Fluoropolymer (Blue Coating), Add	*85.20*	
23 21 13 23-0723	EA	12" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	124.54	
		Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*34.87*	
		For Hot Dip Galvanized, Add	*49.82*	
		For Advanced Fluoropolymer (Blue Coating), Add	*87.18*	
23 21 13 23-0724	EA	14" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	139.74	
		Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*39.13*	
		For Hot Dip Galvanized, Add	*55.90*	
		For Advanced Fluoropolymer (Blue Coating), Add	*97.82*	
23 21 13 23-0725	EA	16" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	231.07	
		Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*64.70*	
		For Hot Dip Galvanized, Add	*92.43*	
		For Advanced Fluoropolymer (Blue Coating), Add	*161.75*	
23 21 13 23-0726	EA	18" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	332.20	
		Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*93.02*	
		For Hot Dip Galvanized, Add	*132.88*	
		For Advanced Fluoropolymer (Blue Coating), Add	*232.54*	
23 21 13 23-0727	EA	20" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	419.80	
		Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*117.54*	
		For Hot Dip Galvanized, Add	*167.92*	
		For Advanced Fluoropolymer (Blue Coating), Add	*293.86*	
23 21 13 23-0728	EA	24" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	597.40	
		Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*167.27*	
		For Hot Dip Galvanized, Add	*238.96*	
		For Advanced Fluoropolymer (Blue Coating), Add	*418.18*	
23 21 13 23-0729	EA	30" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	942.74	
		Note: Includes rubber gasket, and twenty-eight (28) 1-1/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*263.97*	
		For Hot Dip Galvanized, Add	*377.10*	
		For Advanced Fluoropolymer (Blue Coating), Add	*659.92*	
23 21 13 23-0730	EA	36" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	1,340.29	
		Note: Includes rubber gasket, and thirty-two (32) 1-1/2" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*375.28*	
		For Hot Dip Galvanized, Add	*536.12*	
		For Advanced Fluoropolymer (Blue Coating), Add	*938.20*	

23 21 13 23-0731 Class 300 Flange, Steel Bolt And Gasket Sets *(23 21 13 23-0393)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0732	EA	3/4" To 1-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	19.07	
		For Zinc Plated, Add	*5.34*	
		For Hot Dip Galvanized, Add	*7.63*	
		For Advanced Fluoropolymer (Blue Coating), Add	*13.35*	
23 21 13 23-0733	EA	2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.	34.01	
		For Zinc Plated, Add	*9.52*	
		For Hot Dip Galvanized, Add	*13.60*	
		For Advanced Fluoropolymer (Blue Coating), Add	*23.81*	
23 21 13 23-0734	EA	2-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	52.31	
		For Zinc Plated, Add	*14.65*	
		For Hot Dip Galvanized, Add	*20.92*	
		For Advanced Fluoropolymer (Blue Coating), Add	*36.62*	
23 21 13 23-0735	EA	3" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	56.84	
		For Zinc Plated, Add	*15.92*	
		For Hot Dip Galvanized, Add	*22.74*	
		For Advanced Fluoropolymer (Blue Coating), Add	*39.79*	
23 21 13 23-0736	EA	4" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	58.08	
		For Zinc Plated, Add	*16.26*	
		For Hot Dip Galvanized, Add	*23.23*	
		For Advanced Fluoropolymer (Blue Coating), Add	*40.66*	
23 21 13 23-0737	EA	5" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	63.79	
		For Zinc Plated, Add	*17.86*	
		For Hot Dip Galvanized, Add	*25.52*	
		For Advanced Fluoropolymer (Blue Coating), Add	*44.65*	
23 21 13 23-0738	EA	6" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 3/4" diameter bolts with washers and nut.	90.46	
		For Zinc Plated, Add	*25.33*	
		For Hot Dip Galvanized, Add	*36.18*	
		For Advanced Fluoropolymer (Blue Coating), Add	*63.32*	
23 21 13 23-0739	EA	8" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	139.92	
		For Zinc Plated, Add	*39.18*	
		For Hot Dip Galvanized, Add	*55.97*	
		For Advanced Fluoropolymer (Blue Coating), Add	*97.94*	
23 21 13 23-0740	EA	10" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.	253.51	
		For Zinc Plated, Add	*70.98*	
		For Hot Dip Galvanized, Add	*101.40*	
		For Advanced Fluoropolymer (Blue Coating), Add	*177.46*	
23 21 13 23-0741	EA	12" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.	364.40	
		For Zinc Plated, Add	*102.03*	
		For Hot Dip Galvanized, Add	*145.76*	
		For Advanced Fluoropolymer (Blue Coating), Add	*255.08*	
23 21 13 23-0742	EA	14" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.	497.80	
		For Zinc Plated, Add	*139.38*	
		For Hot Dip Galvanized, Add	*199.12*	
		For Advanced Fluoropolymer (Blue Coating), Add	*348.46*	
23 21 13 23-0743	EA	16" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.	685.52	
		For Zinc Plated, Add	*191.95*	
		For Hot Dip Galvanized, Add	*274.21*	
		For Advanced Fluoropolymer (Blue Coating), Add	*479.86*	
23 21 13 23-0744	EA	18" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut.	881.39	
		For Zinc Plated, Add	*246.79*	
		For Hot Dip Galvanized, Add	*352.56*	
		For Advanced Fluoropolymer (Blue Coating), Add	*616.97*	
23 21 13 23-0745	EA	20" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut.	936.34	
		For Zinc Plated, Add	*262.18*	
		For Hot Dip Galvanized, Add	*374.54*	
		For Advanced Fluoropolymer (Blue Coating), Add	*655.44*	
23 21 13 23-0746	EA	24" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty-four (24) 1-1/2" diameter bolts with washers and nut.	1,189.06	
		For Zinc Plated, Add	*332.94*	
		For Hot Dip Galvanized, Add	*475.62*	
		For Advanced Fluoropolymer (Blue Coating), Add	*832.34*	
23 21 13 23-0747	EA	30" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty-eight (28) 1-3/4" diameter bolts with washers and nut.	1,871.81	
		For Zinc Plated, Add	*524.11*	
		For Hot Dip Galvanized, Add	*748.72*	
		For Advanced Fluoropolymer (Blue Coating), Add	*1,310.27*	
23 21 13 23-0748	EA	36" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and thirty-two (32) 2" diameter bolts with washers and nut.	2,823.20	
		For Zinc Plated, Add	*790.50*	
		For Hot Dip Galvanized, Add	*1,129.28*	
		For Advanced Fluoropolymer (Blue Coating), Add	*1,976.24*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0749		**Class 150 Flange, Stainless Steel Bolt And Gasket Sets** *(23 21 13 23-0393)* Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.		
23 21 13 23-0750	EA	3/4" To 1-1/2" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut.	11.51	
23 21 13 23-0751	EA	2" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	56.97	
23 21 13 23-0752	EA	2-1/2" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	57.06	
23 21 13 23-0753	EA	3" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	57.16	
23 21 13 23-0754	EA	4" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.	120.86	
23 21 13 23-0755	EA	5" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	153.39	
23 21 13 23-0756	EA	6" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	173.05	
23 21 13 23-0757	EA	8" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	174.01	
23 21 13 23-0758	EA	10" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	448.95	
23 21 13 23-0759	EA	12" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	450.76	
23 21 13 23-0760	EA	14" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washers and nut.	682.29	
23 21 13 23-0761	EA	16" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.	908.95	
23 21 13 23-0762	EA	18" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.	2,362.19	
23 21 13 23-0763	EA	20" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.	2,736.78	
23 21 13 23-0764	EA	24" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.	3,159.80	
23 21 13 23-0765		**150 LB, Rubber Flange Gasket Replacement** *(23 21 13 23-0393)* Note: Includes unbolting, removal of old gaskets, new 150 LB rubber gasket and rebolting.		
23 21 13 23-0766	EA	1/2", 150 LB, Rubber Flange Gasket Replacement	30.59	
		For 300 LB Rating Gasket Set, Add	*0.21*	
		For Work In Restricted Working Space, Add	*8.99*	
23 21 13 23-0767	EA	3/4", 150 LB, Rubber Flange Gasket Replacement	32.79	
		For 300 LB Rating Gasket Set, Add	*0.28*	
		For Work In Restricted Working Space, Add	*9.59*	
23 21 13 23-0768	EA	1", 150 LB, Rubber Flange Gasket Replacement	36.39	
		For 300 LB Rating Gasket Set, Add	*0.50*	
		For Work In Restricted Working Space, Add	*10.49*	
23 21 13 23-0769	EA	1-1/4", 150 LB, Rubber Flange Gasket Replacement	39.60	
		For 300 LB Rating Gasket Set, Add	*0.57*	
		For Work In Restricted Working Space, Add	*11.39*	
23 21 13 23-0770	EA	1-1/2", 150 LB, Rubber Flange Gasket Replacement	44.00	
		For 300 LB Rating Gasket Set, Add	*0.71*	
		For Work In Restricted Working Space, Add	*12.59*	
23 21 13 23-0771	EA	2", 150 LB, Rubber Flange Gasket Replacement	48.82	
		For 300 LB Rating Gasket Set, Add	*0.99*	
		For Work In Restricted Working Space, Add	*13.79*	
23 21 13 23-0772	EA	2-1/2", 150 LB, Rubber Flange Gasket Replacement	57.81	
		For 300 LB Rating Gasket Set, Add	*1.35*	
		For Work In Restricted Working Space, Add	*16.19*	
23 21 13 23-0773	EA	3", 150 LB, Rubber Flange Gasket Replacement	61.43	
		For 300 LB Rating Gasket Set, Add	*1.56*	
		For Work In Restricted Working Space, Add	*17.09*	
23 21 13 23-0774	EA	4", 150 LB, Rubber Flange Gasket Replacement	82.25	
		For 300 LB Rating Gasket Set, Add	*2.56*	
		For Work In Restricted Working Space, Add	*22.49*	
23 21 13 23-0775	EA	5", 150 LB, Rubber Flange Gasket Replacement	95.06	
		For 300 LB Rating Gasket Set, Add	*2.84*	
		For Work In Restricted Working Space, Add	*26.09*	
23 21 13 23-0776	EA	6", 150 LB, Rubber Flange Gasket Replacement	109.48	
		For 300 LB Rating Gasket Set, Add	*3.69*	
		For Work In Restricted Working Space, Add	*29.68*	
23 21 13 23-0777	EA	8", 150 LB, Rubber Flange Gasket Replacement	135.33	
		For 300 LB Rating Gasket Set, Add	*5.39*	
		For Work In Restricted Working Space, Add	*35.98*	
23 21 13 23-0778	EA	10", 150 LB, Rubber Flange Gasket Replacement	149.80	
		For 300 LB Rating Gasket Set, Add	*7.66*	
		For Work In Restricted Working Space, Add	*38.38*	
23 21 13 23-0779	EA	12", 150 LB, Rubber Flange Gasket Replacement	172.88	
		For 300 LB Rating Gasket Set, Add	*9.79*	
		For Work In Restricted Working Space, Add	*43.48*	
23 21 13 23-0780	EA	14", 150 LB, Rubber Flange Gasket Replacement	183.34	
		For 300 LB Rating Gasket Set, Add	*11.70*	
		For Work In Restricted Working Space, Add	*44.97*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0781	EA	16", 150 LB, Rubber Flange Gasket Replacement		237.16	
		For 300 LB Rating Gasket Set, Add		*13.05*	
		For Work In Restricted Working Space, Add		*59.96*	
23 21 13 23-0782	EA	18", 150 LB, Rubber Flange Gasket Replacement		257.77	
		For 300 LB Rating Gasket Set, Add		*13.62*	
		For Work In Restricted Working Space, Add		*65.66*	
23 21 13 23-0783	EA	20", 150 LB, Rubber Flange Gasket Replacement		308.55	
		For 300 LB Rating Gasket Set, Add		*14.61*	
		For Work In Restricted Working Space, Add		*80.04*	

23 21 13 23-0784 Cut And Prepare For Welding Existing In-Place Black Steel Pipe *(23 21 13 23-0393)*

Note: For use when connecting pipe to an existing in-place system.

23 21 13 23-0785	EA	1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe		21.69	
		For Work In Restricted Working Space, Add		*6.51*	
23 21 13 23-0786	EA	3/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe		23.43	
		For Work In Restricted Working Space, Add		*7.03*	
23 21 13 23-0787	EA	1", Cut And Prepare For Welding Existing In Place Black Steel Pipe		26.35	
		For Work In Restricted Working Space, Add		*7.91*	
23 21 13 23-0788	EA	1-1/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe		27.65	
		For Work In Restricted Working Space, Add		*8.30*	
23 21 13 23-0789	EA	1-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe		29.28	
		For Work In Restricted Working Space, Add		*8.78*	
23 21 13 23-0790	EA	2", Cut And Prepare For Welding Existing In Place Black Steel Pipe		31.45	
		For Work In Restricted Working Space, Add		*9.44*	
23 21 13 23-0791	EA	2-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe		33.63	
		For Work In Restricted Working Space, Add		*10.09*	
23 21 13 23-0792	EA	3", Cut And Prepare For Welding Existing In Place Black Steel Pipe		36.87	
		For Work In Restricted Working Space, Add		*11.06*	
23 21 13 23-0793	EA	4", Cut And Prepare For Welding Existing In Place Black Steel Pipe		40.13	
		For Work In Restricted Working Space, Add		*12.04*	
23 21 13 23-0794	EA	6", Cut And Prepare For Welding Existing In Place Black Steel Pipe		43.38	
		For Work In Restricted Working Space, Add		*13.01*	
23 21 13 23-0795	EA	8", Cut And Prepare For Welding Existing In Place Black Steel Pipe		46.63	
		For Work In Restricted Working Space, Add		*13.99*	
23 21 13 23-0796	EA	10", Cut And Prepare For Welding Existing In Place Black Steel Pipe		50.97	
		For Work In Restricted Working Space, Add		*15.29*	
23 21 13 23-0797	EA	12", Cut And Prepare For Welding Existing In Place Black Steel Pipe		55.31	
		For Work In Restricted Working Space, Add		*16.59*	
23 21 13 23-0798	EA	14", Cut And Prepare For Welding Existing In Place Black Steel Pipe		59.65	
		For Work In Restricted Working Space, Add		*17.90*	
23 21 13 23-0799	EA	16", Cut And Prepare For Welding Existing In Place Black Steel Pipe		63.99	
		For Work In Restricted Working Space, Add		*19.20*	
23 21 13 23-0800	EA	18", Cut And Prepare For Welding Existing In Place Black Steel Pipe		67.24	
		For Work In Restricted Working Space, Add		*20.17*	
23 21 13 23-0801	EA	20", Cut And Prepare For Welding Existing In Place Black Steel Pipe		70.49	
		For Work In Restricted Working Space, Add		*21.15*	
23 21 13 23-0802	EA	24", Cut And Prepare For Welding Existing In Place Black Steel Pipe		74.84	
		For Work In Restricted Working Space, Add		*22.45*	

23 21 13 23-0803 Welded Plain End Electric Resistance Black Steel Pipe *(23 21 13 23-0393)*

Note: ASTM A-135.

23 21 13 23-0804	LF	2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings		28.94	11.15
		For Work In Restricted Working Space, Add		*5.48*	
23 21 13 23-0805	LF	2-1/2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings		34.66	12.17
		For Work In Restricted Working Space, Add		*5.48*	
23 21 13 23-0806	LF	3" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings		38.11	11.96
		For Work In Restricted Working Space, Add		*5.37*	
23 21 13 23-0807	LF	4" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings		47.21	15.21
		For Work In Restricted Working Space, Add		*6.84*	
23 21 13 23-0808	LF	6" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings		81.03	22.51
		For Work In Restricted Working Space, Add		*10.12*	
23 21 13 23-0809	LF	8.322" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings		107.28	26.99
		For Work In Restricted Working Space, Add		*12.16*	
23 21 13 23-0810	LF	10.365" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings		149.59	33.61
		For Work In Restricted Working Space, Add		*15.13*	
23 21 13 23-0811	LF	12.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings		182.04	40.53
		For Work In Restricted Working Space, Add		*18.23*	
23 21 13 23-0812	LF	14.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings		231.05	52.59
		For Work In Restricted Working Space, Add		*23.66*	

23 21 13 23-0813 150 LB, Spiral Wound Metal Flange Gasket Replacement *(23 21 13 23-0393)*

Note: Includes unbolting, removal of old gaskets, new 150 LB spiral wound metal flange gasket (1/8" thick carbon steel outer ring with spiral wound 304 stainless steel inner ring) and rebolting.

23 21 13 23-0814	EA	1/2", 150 LB, Spiral Wound Metal Flange Gasket Replacement		34.07	
		For 300 Lb., Add		*0.31*	
		For Work In Restricted Working Space, Add		*8.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0815	EA	3/4", 150 LB, Spiral Wound Metal Flange Gasket Replacement	36.14	
		For 300 Lb., Add	*0.31*	
		For Work In Restricted Working Space, Add	*9.59*	
23 21 13 23-0816	EA	1", 150 LB, Spiral Wound Metal Flange Gasket Replacement	39.17	
		For 300 Lb., Add	*0.32*	
		For Work In Restricted Working Space, Add	*10.49*	
23 21 13 23-0817	EA	1-1/4", 150 LB, Spiral Wound Metal Flange Gasket Replacement	42.82	
		For 300 Lb., Add	*0.36*	
		For Work In Restricted Working Space, Add	*11.39*	
23 21 13 23-0818	EA	1-1/2", 150 LB, Spiral Wound Metal Flange Gasket Replacement	46.91	
		For 300 Lb., Add	*0.37*	
		For Work In Restricted Working Space, Add	*12.59*	
23 21 13 23-0819	EA	2", 150 LB, Spiral Wound Metal Flange Gasket Replacement	51.14	
		For 300 Lb., Add	*0.39*	
		For Work In Restricted Working Space, Add	*13.79*	
23 21 13 23-0820	EA	2-1/2", 150 LB, Spiral Wound Metal Flange Gasket Replacement	59.58	
		For 300 Lb., Add	*0.42*	
		For Work In Restricted Working Space, Add	*16.19*	
23 21 13 23-0821	EA	3", 150 LB, Spiral Wound Metal Flange Gasket Replacement	63.04	
		For 300 Lb., Add	*0.46*	
		For Work In Restricted Working Space, Add	*17.09*	
23 21 13 23-0822	EA	4", 150 LB, Spiral Wound Metal Flange Gasket Replacement	82.71	
		For 300 Lb., Add	*0.58*	
		For Work In Restricted Working Space, Add	*22.49*	
23 21 13 23-0823	EA	5", 150 LB, Spiral Wound Metal Flange Gasket Replacement	96.52	
		For 300 Lb., Add	*0.72*	
		For Work In Restricted Working Space, Add	*26.08*	
23 21 13 23-0824	EA	6", 150 LB, Spiral Wound Metal Flange Gasket Replacement	109.59	
		For 300 Lb., Add	*0.80*	
		For Work In Restricted Working Space, Add	*29.69*	
23 21 13 23-0825	EA	8", 150 LB, Spiral Wound Metal Flange Gasket Replacement	132.65	
		For 300 Lb., Add	*0.95*	
		For Work In Restricted Working Space, Add	*35.99*	
23 21 13 23-0826	EA	10", 150 LB, Spiral Wound Metal Flange Gasket Replacement	145.43	
		For 300 Lb., Add	*1.31*	
		For Work In Restricted Working Space, Add	*38.38*	
23 21 13 23-0827	EA	12", 150 LB, Spiral Wound Metal Flange Gasket Replacement	171.30	
		For 300 Lb., Add	*1.98*	
		For Work In Restricted Working Space, Add	*43.48*	

23 21 13 23-0828 150 LB, Flexible Graphite Flange Gasket Replacement *(23 21 13 23-0393)*

Note: Includes unbolting, removal of old gaskets, new 150 LB spiral wound metal flange gasket (flexible graphite outer ring with 316 stainless steel inner ring) and rebolting.

23 21 13 23-0829	EA	1/2", 150 LB, Flexible Graphite Flange Gasket Replacement	30.80	
		For Work In Restricted Working Space, Add	*8.99*	
23 21 13 23-0830	EA	3/4", 150 LB, Flexible Graphite Flange Gasket Replacement	33.34	
		For Work In Restricted Working Space, Add	*9.59*	
23 21 13 23-0831	EA	1", 150 LB, Flexible Graphite Flange Gasket Replacement	36.53	
		For Work In Restricted Working Space, Add	*10.49*	
23 21 13 23-0832	EA	1-1/4", 150 LB, Flexible Graphite Flange Gasket Replacement	40.20	
		For Work In Restricted Working Space, Add	*11.39*	
23 21 13 23-0833	EA	1-1/2", 150 LB, Flexible Graphite Flange Gasket Replacement	44.34	
		For Work In Restricted Working Space, Add	*12.59*	
23 21 13 23-0834	EA	2", 150 LB, Flexible Graphite Flange Gasket Replacement	49.09	
		For Work In Restricted Working Space, Add	*13.79*	
23 21 13 23-0835	EA	2-1/2", 150 LB, Flexible Graphite Flange Gasket Replacement	58.16	
		For Work In Restricted Working Space, Add	*16.19*	
23 21 13 23-0836	EA	3", 150 LB, Flexible Graphite Flange Gasket Replacement	61.39	
		For Work In Restricted Working Space, Add	*17.09*	
23 21 13 23-0837	EA	4", 150 LB, Flexible Graphite Flange Gasket Replacement	82.11	
		For Work In Restricted Working Space, Add	*22.49*	
23 21 13 23-0838	EA	5", 150 LB, Flexible Graphite Flange Gasket Replacement	95.47	
		For Work In Restricted Working Space, Add	*26.08*	
23 21 13 23-0839	EA	6", 150 LB, Flexible Graphite Flange Gasket Replacement	108.46	
		For Work In Restricted Working Space, Add	*29.69*	
23 21 13 23-0840	EA	8", 150 LB, Flexible Graphite Flange Gasket Replacement	135.94	
		For Work In Restricted Working Space, Add	*35.99*	
23 21 13 23-0841	EA	10", 150 LB, Flexible Graphite Flange Gasket Replacement	151.13	
		For Work In Restricted Working Space, Add	*38.38*	
23 21 13 23-0842	EA	12", 150 LB, Flexible Graphite Flange Gasket Replacement	173.62	
		For Work In Restricted Working Space, Add	*43.48*	

23 21 13 23-0843 150 LB, Teflon, Spiral Wound, Flange Gasket Replacement *(23 21 13 23-0393)*

Note: Includes unbolting, removal of old gaskets, new 150 LB spiral wound metal flange gasket (teflon outer ring with 304 stainless steel inner ring) and rebolting.

23 21 13 23-0844	EA	1/2", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	49.41	
		For Work In Restricted Working Space, Add	*8.99*	
23 21 13 23-0845	EA	3/4", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	52.73	
		For Work In Restricted Working Space, Add	*9.59*	
23 21 13 23-0846	EA	1", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	57.07	
		For Work In Restricted Working Space, Add	*10.49*	
23 21 13 23-0847	EA	1-1/4", Teflon, Spiral Wound, Flange Gasket Replacement	64.75	
		For Work In Restricted Working Space, Add	*11.39*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0848	EA		1-1/2", Teflon, Spiral Wound, Flange Gasket Replacement	69.63	
			For Work In Restricted Working Space, Add	*12.59*	
23 21 13 23-0849	EA		2", Teflon, Spiral Wound, Flange Gasket Replacement	75.94	
			For Work In Restricted Working Space, Add	*13.79*	
23 21 13 23-0850	EA		2-1/2", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	88.21	
			For Work In Restricted Working Space, Add	*16.19*	
23 21 13 23-0851	EA		3", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	100.43	
			For Work In Restricted Working Space, Add	*17.09*	
23 21 13 23-0852	EA		4", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	126.70	
			For Work In Restricted Working Space, Add	*22.49*	
23 21 13 23-0853	EA		5", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	151.40	
			For Work In Restricted Working Space, Add	*26.08*	
23 21 13 23-0854	EA		6", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	198.85	
			For Work In Restricted Working Space, Add	*29.69*	
23 21 13 23-0855	EA		8", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	218.61	
			For Work In Restricted Working Space, Add	*35.99*	
23 21 13 23-0856	EA		10", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	249.29	
			For Work In Restricted Working Space, Add	*38.38*	
23 21 13 23-0857	EA		12", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	328.23	
			For Work In Restricted Working Space, Add	*43.48*	

23 21 13 23-0858 Flanged Steel Fittings *(23 21 13 23)*

See CSI section 23 21 13 23-0394 for steel pipe, 23 21 13 23-0637 for welded neck flange ends.

23 21 13 23-0859 Flanged Steel Fittings, Standard Weight *(23 21 13 23-0858)*

Note: Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

23 21 13 23-0860 Flanged Steel, 90 Degree Elbows *(23 21 13 23-0859)*

23 21 13 23-0861	EA		2" Standard Weight, Flanged Steel, 90 Degree Elbow	609.73	46.64
			For Galvanized Fittings, Add	*431.85*	
			For Extra Heavy Weight Fittings, Add	*647.77*	
23 21 13 23-0862	EA		2-1/2" Standard Weight, Flanged Steel, 90 Degree Elbow	680.11	51.94
			For Galvanized Fittings, Add	*481.76*	
			For Extra Heavy Weight Fittings, Add	*722.64*	
23 21 13 23-0863	EA		3" Standard Weight, Flanged Steel, 90 Degree Elbow	671.81	57.33
			For Galvanized Fittings, Add	*468.74*	
			For Extra Heavy Weight Fittings, Add	*703.10*	
23 21 13 23-0864	EA		4" Standard Weight, Flanged Steel, 90 Degree Elbow	856.69	66.62
			For Galvanized Fittings, Add	*605.45*	
			For Extra Heavy Weight Fittings, Add	*908.17*	
23 21 13 23-0865	EA		5" Standard Weight, Flanged Steel, 90 Degree Elbow	1,210.46	74.61
			For Galvanized Fittings, Add	*878.88*	
			For Extra Heavy Weight Fittings, Add	*1,318.32*	
23 21 13 23-0866	EA		6" Standard Weight, Flanged Steel, 90 Degree Elbow	1,274.55	86.60
			For Galvanized Fittings, Add	*915.77*	
			For Extra Heavy Weight Fittings, Add	*1,373.65*	
23 21 13 23-0867	EA		8" Standard Weight, Flanged Steel, 90 Degree Elbow	1,626.77	95.88
			For Galvanized Fittings, Add	*1,186.36*	
			For Extra Heavy Weight Fittings, Add	*1,779.54*	

23 21 13 23-0868 Flanged Steel, Reducing 90 Degree Elbows *(23 21 13 23-0859)*

23 21 13 23-0869	EA		2-1/2" x 2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,164.37	49.34
			For Galvanized Fittings, Add	*872.37*	
			For Extra Heavy Weight Fittings, Add	*1,308.55*	
23 21 13 23-0870	EA		3" x 2-1/2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,210.34	54.64
			For Galvanized Fittings, Add	*902.75*	
			For Extra Heavy Weight Fittings, Add	*1,354.13*	
23 21 13 23-0871	EA		4" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,511.58	61.92
			For Galvanized Fittings, Add	*1,134.95*	
			For Extra Heavy Weight Fittings, Add	*1,702.43*	
23 21 13 23-0872	EA		5" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,878.34	65.92
			For Galvanized Fittings, Add	*1,423.57*	
			For Extra Heavy Weight Fittings, Add	*2,135.35*	
23 21 13 23-0873	EA		6" x 4" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	2,138.45	76.61
			For Galvanized Fittings, Add	*1,618.87*	
			For Extra Heavy Weight Fittings, Add	*2,428.31*	
23 21 13 23-0874	EA		8" x 6" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	2,993.20	91.29
			For Galvanized Fittings, Add	*2,285.09*	
			For Extra Heavy Weight Fittings, Add	*3,427.63*	

23 21 13 23-0875 Flanged Steel, 45 Degree Elbows *(23 21 13 23-0859)*

23 21 13 23-0876	EA		2" Standard Weight, Flanged Steel, 45 Degree Elbow	805.03	46.64
			For Galvanized Fittings, Add	*588.09*	
			For Extra Heavy Weight Fittings, Add	*882.13*	
23 21 13 23-0877	EA		2-1/2" Standard Weight, Flanged Steel, 45 Degree Elbow	837.44	51.94
			For Galvanized Fittings, Add	*607.62*	
			For Extra Heavy Weight Fittings, Add	*911.44*	
23 21 13 23-0878	EA		3" Standard Weight, Flanged Steel, 45 Degree Elbow	867.12	57.33
			For Galvanized Fittings, Add	*624.98*	
			For Extra Heavy Weight Fittings, Add	*937.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0879	EA	4" Standard Weight, Flanged Steel, 45 Degree Elbow	1,084.55	66.62
		For Galvanized Fittings, Add	*787.74*	
		For Extra Heavy Weight Fittings, Add	*1,181.60*	
23 21 13 23-0880	EA	5" Standard Weight, Flanged Steel, 45 Degree Elbow	1,579.37	74.61
		For Galvanized Fittings, Add	*1,174.01*	
		For Extra Heavy Weight Fittings, Add	*1,761.01*	
23 21 13 23-0881	EA	6" Standard Weight, Flanged Steel, 45 Degree Elbow	1,529.54	86.60
		For Galvanized Fittings, Add	*1,119.76*	
		For Extra Heavy Weight Fittings, Add	*1,679.64*	
23 21 13 23-0882	EA	8" Standard Weight, Flanged Steel, 45 Degree Elbow	1,808.36	95.88
		For Galvanized Fittings, Add	*1,331.63*	
		For Extra Heavy Weight Fittings, Add	*1,997.45*	

23 21 13 23-0883 Flanged Steel, Tees *(23 21 13 23-0859)*

23 21 13 23-0884	EA	2" Standard Weight, Flanged Steel, Tee	774.88	69.92
		For Galvanized Fittings, Add	*536.01*	
		For Extra Heavy Weight Fittings, Add	*804.01*	
23 21 13 23-0885	EA	2-1/2" Standard Weight, Flanged Steel, Tee	1,009.29	77.91
		For Galvanized Fittings, Add	*713.95*	
		For Extra Heavy Weight Fittings, Add	*1,070.93*	
23 21 13 23-0886	EA	3" Standard Weight, Flanged Steel, Tee	910.09	85.89
		For Galvanized Fittings, Add	*624.99*	
		For Extra Heavy Weight Fittings, Add	*937.49*	
23 21 13 23-0887	EA	4" Standard Weight, Flanged Steel, Tee	1,316.20	99.98
		For Galvanized Fittings, Add	*933.11*	
		For Extra Heavy Weight Fittings, Add	*1,399.67*	
23 21 13 23-0888	EA	5" Standard Weight, Flanged Steel, Tee	1,980.81	111.96
		For Galvanized Fittings, Add	*1,450.42*	
		For Extra Heavy Weight Fittings, Add	*2,175.62*	
23 21 13 23-0889	EA	6" Standard Weight, Flanged Steel, Tee	2,422.14	129.95
		For Galvanized Fittings, Add	*1,781.91*	
		For Extra Heavy Weight Fittings, Add	*2,672.87*	
23 21 13 23-0890	EA	8" Standard Weight, Flanged Steel, Tee	2,677.13	150.52
		For Galvanized Fittings, Add	*1,961.13*	
		For Extra Heavy Weight Fittings, Add	*2,941.69*	

23 21 13 23-0891 Flanged Steel, Reducing Tees *(23 21 13 23-0859)*

23 21 13 23-0892	EA	2-1/2" Standard Weight, Flanged Steel, Reducing Tee	1,249.44	75.31
		For Galvanized Fittings, Add	*909.26*	
		For Extra Heavy Weight Fittings, Add	*1,363.90*	
23 21 13 23-0893	EA	3" Standard Weight, Flanged Steel, Reducing Tee	1,445.88	83.30
		For Galvanized Fittings, Add	*1,056.82*	
		For Extra Heavy Weight Fittings, Add	*1,585.24*	
23 21 13 23-0894	EA	4" Standard Weight, Flanged Steel, Reducing Tee	2,521.61	95.28
		For Galvanized Fittings, Add	*1,903.02*	
		For Extra Heavy Weight Fittings, Add	*2,854.54*	
23 21 13 23-0895	EA	5" Standard Weight, Flanged Steel, Reducing Tee	2,722.16	107.97
		For Galvanized Fittings, Add	*2,048.29*	
		For Extra Heavy Weight Fittings, Add	*3,072.43*	
23 21 13 23-0896	EA	6" Standard Weight, Flanged Steel, Reducing Tee	3,430.11	123.95
		For Galvanized Fittings, Add	*2,595.47*	
		For Extra Heavy Weight Fittings, Add	*3,893.21*	
23 21 13 23-0897	EA	8" Standard Weight, Flanged Steel, Reducing Tee	4,293.90	139.23
		For Galvanized Fittings, Add	*3,268.13*	
		For Extra Heavy Weight Fittings, Add	*4,902.19*	

23 21 13 23-0898 Flanged Steel, Concentric Reducers *(23 21 13 23-0859)*

23 21 13 23-0899	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Concentric Reducer	1,194.07	54.64
		For Galvanized Fittings, Add	*889.74*	
		For Extra Heavy Weight Fittings, Add	*1,334.60*	
23 21 13 23-0900	EA	4" x 3" Standard Weight, Flanged Steel, Concentric Reducer	1,356.96	61.92
		For Galvanized Fittings, Add	*1,011.26*	
		For Extra Heavy Weight Fittings, Add	*1,516.88*	
23 21 13 23-0901	EA	5" x 4" Standard Weight, Flanged Steel, Concentric Reducer	2,029.10	70.61
		For Galvanized Fittings, Add	*1,538.58*	
		For Extra Heavy Weight Fittings, Add	*2,307.88*	
23 21 13 23-0902	EA	6" x 4" Standard Weight, Flanged Steel, Concentric Reducer	2,238.82	76.61
		For Galvanized Fittings, Add	*1,699.17*	
		For Extra Heavy Weight Fittings, Add	*2,548.75*	
23 21 13 23-0903	EA	8" x 6" Standard Weight, Flanged Steel, Concentric Reducer	2,621.58	91.29
		For Galvanized Fittings, Add	*1,987.79*	
		For Extra Heavy Weight Fittings, Add	*2,981.69*	

23 21 13 23-0904 Flanged Steel, Eccentric Reducers *(23 21 13 23-0859)*

23 21 13 23-0905	EA	4" x 3" Standard Weight, Flanged Steel, Eccentric Reducer	1,288.60	61.92
		For Galvanized Fittings, Add	*956.57*	
		For Extra Heavy Weight Fittings, Add	*1,434.85*	
23 21 13 23-0906	EA	5" x 4" Standard Weight, Flanged Steel, Eccentric Reducer	1,761.64	70.61
		For Galvanized Fittings, Add	*1,324.62*	
		For Extra Heavy Weight Fittings, Add	*1,986.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0907		Plain End Couplings And Fittings *(23 21 13 23)* Note: For use on standard weight steel pipe (Schedule 40), but may be used on lightwall steel or other metallic pipe such as aluminum or stainless steel.		
23 21 13 23-0908		Plain End Piping System Couplings *(23 21 13 23-0907)*		
23 21 13 23-0909		Plainlock Plain End Piping System Couplings *(23 21 13 23-0908)* Note: Ductile iron body with gasket, bolts and nuts.		
23 21 13 23-0910	EA	1" Plainlock Plain End Piping System Coupling	172.95	6.00
		For Galvanized Fittings, Add	*32.79*	
23 21 13 23-0911	EA	1-1/2" Plainlock Plain End Piping System Coupling	176.45	8.29
		For Galvanized Fittings, Add	*32.79*	
23 21 13 23-0912	EA	2" Plainlock Plain End Piping System Coupling	180.50	10.99
		For Galvanized Fittings, Add	*32.79*	
23 21 13 23-0913	EA	2-1/2" Plainlock Plain End Piping System Coupling	183.95	13.28
		For Galvanized Fittings, Add	*32.79*	
23 21 13 23-0914	EA	3" Plainlock Plain End Piping System Coupling	217.48	15.98
		For Galvanized Fittings, Add	*38.70*	
23 21 13 23-0915	EA	4" Plainlock Plain End Piping System Coupling	300.06	21.28
		For Galvanized Fittings, Add	*53.62*	
23 21 13 23-0916	EA	6" Plainlock Plain End Piping System Coupling	504.66	34.66
		For Galvanized Fittings, Add	*90.54*	
23 21 13 23-0917		Roust-A-Bout Plain End Piping System Couplings *(23 21 13 23-0908)* Note: Ductile iron body with gasket, bolts and nuts.		
23 21 13 23-0918	EA	1-1/2" Roust-A-Bout Plain End Piping System Coupling	208.29	8.29
		For Galvanized Fittings, Add	*48.95*	
23 21 13 23-0919	EA	2" Roust-A-Bout Plain End Piping System Coupling	212.34	10.99
		For Galvanized Fittings, Add	*48.95*	
23 21 13 23-0920	EA	2-1/2" Roust-A-Bout Plain End Piping System Coupling	215.80	13.38
		For Galvanized Fittings, Add	*48.95*	
23 21 13 23-0921	EA	3" Roust-A-Bout Plain End Piping System Coupling	314.01	15.98
		For Galvanized Fittings, Add	*72.51*	
23 21 13 23-0922	EA	3-1/2" Roust-A-Bout Plain End Piping System Coupling	363.65	18.68
		For Galvanized Fittings, Add	*83.92*	
23 21 13 23-0923	EA	4" Roust-A-Bout Plain End Piping System Coupling	367.61	21.28
		For Galvanized Fittings, Add	*83.92*	
23 21 13 23-0924	EA	5" Roust-A-Bout Plain End Piping System Coupling	519.52	26.67
		For Galvanized Fittings, Add	*119.89*	
23 21 13 23-0925	EA	6" Roust-A-Bout Plain End Piping System Coupling	637.64	34.66
		For Galvanized Fittings, Add	*146.42*	
23 21 13 23-0926	EA	8" Roust-A-Bout Plain End Piping System Coupling	1,100.52	41.35
		For Galvanized Fittings, Add	*259.64*	
23 21 13 23-0927	EA	10" Roust-A-Bout Plain End Piping System Coupling	1,424.56	48.94
		For Galvanized Fittings, Add	*337.78*	
23 21 13 23-0928	EA	12" Roust-A-Bout Plain End Piping System Coupling	1,782.29	57.93
		For Galvanized Fittings, Add	*423.85*	
23 21 13 23-0929	EA	14" Roust-A-Bout Plain End Piping System Coupling	2,503.49	64.02
		For Galvanized Fittings, Add	*601.86*	
23 21 13 23-0930	EA	16" Roust-A-Bout Plain End Piping System Coupling	3,405.39	72.42
		For Galvanized Fittings, Add	*824.21*	
23 21 13 23-0931		Plain End Piping System Fittings *(23 21 13 23-0907)* Note: Cast ductile iron bodies.		
23 21 13 23-0932		Plain End Piping System, 90 Degree Elbows *(23 21 13 23-0931)*		
23 21 13 23-0933	EA	1" Plain End Piping System, 90 Degree Elbow	171.10	10.89
		For Galvanized Fittings, Add	*30.96*	
23 21 13 23-0934	EA	1-1/2" Plain End Piping System, 90 Degree Elbow	179.50	16.48
		For Galvanized Fittings, Add	*30.96*	
23 21 13 23-0935	EA	2" Plain End Piping System, 90 Degree Elbow	187.43	21.77
		For Galvanized Fittings, Add	*30.96*	
23 21 13 23-0936	EA	2-1/2" Plain End Piping System, 90 Degree Elbow	194.54	26.57
		For Galvanized Fittings, Add	*30.96*	
23 21 13 23-0937	EA	3" Plain End Piping System, 90 Degree Elbow	234.12	32.16
		For Galvanized Fittings, Add	*37.18*	
23 21 13 23-0938	EA	4" Plain End Piping System, 90 Degree Elbow	334.65	42.35
		For Galvanized Fittings, Add	*54.22*	
23 21 13 23-0939	EA	5" Plain End Piping System, 90 Degree Elbow	1,017.94	53.03
		For Galvanized Fittings, Add	*187.68*	
23 21 13 23-0940	EA	6" Plain End Piping System, 90 Degree Elbow	850.25	69.41
		For Galvanized Fittings, Add	*149.24*	
23 21 13 23-0941	EA	8" Plain End Piping System, 90 Degree Elbow	1,699.66	82.40
		For Galvanized Fittings, Add	*315.21*	
23 21 13 23-0942	EA	10" Plain End Piping System, 90 Degree Elbow	2,125.19	96.28
		For Galvanized Fittings, Add	*396.17*	
23 21 13 23-0943	EA	12" Plain End Piping System, 90 Degree Elbow	2,695.48	115.66
		For Galvanized Fittings, Add	*504.41*	
23 21 13 23-0944		Plain End Piping System, 45 Degree Elbows *(23 21 13 23-0931)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0945	EA	1" Plain End Piping System, 45 Degree Elbow	171.10	10.89
		For Galvanized Fittings, Add	*30.96*	
23 21 13 23-0946	EA	1-1/2" Plain End Piping System, 45 Degree Elbow	179.50	16.48
		For Galvanized Fittings, Add	*30.96*	
23 21 13 23-0947	EA	2" Plain End Piping System, 45 Degree Elbow	187.43	21.77
		For Galvanized Fittings, Add	*30.96*	
23 21 13 23-0948	EA	2-1/2" Plain End Piping System, 45 Degree Elbow	194.54	26.57
		For Galvanized Fittings, Add	*30.96*	
23 21 13 23-0949	EA	3" Plain End Piping System, 45 Degree Elbow	234.12	32.16
		For Galvanized Fittings, Add	*37.18*	
23 21 13 23-0950	EA	4" Plain End Piping System, 45 Degree Elbow	334.65	42.35
		For Galvanized Fittings, Add	*54.22*	
23 21 13 23-0951	EA	5" Plain End Piping System, 45 Degree Elbow	1,017.94	53.03
		For Galvanized Fittings, Add	*187.68*	
23 21 13 23-0952	EA	6" Plain End Piping System, 45 Degree Elbow	853.12	69.41
		For Galvanized Fittings, Add	*149.82*	
23 21 13 23-0953	EA	8" Plain End Piping System, 45 Degree Elbow	989.60	82.40
		For Galvanized Fittings, Add	*173.20*	
23 21 13 23-0954	EA	10" Plain End Piping System, 45 Degree Elbow	1,352.87	96.28
		For Galvanized Fittings, Add	*241.71*	
23 21 13 23-0955	EA	12" Plain End Piping System, 45 Degree Elbow	1,734.68	115.66
		For Galvanized Fittings, Add	*312.25*	

23 21 13 23-0956 Plain End Piping System, Tees *(23 21 13 23-0931)*

23 21 13 23-0957	EA	1" Plain End Piping System, Tee	233.15	16.48
		For Galvanized Fittings, Add	*41.69*	
23 21 13 23-0958	EA	1-1/2" Plain End Piping System, Tee	245.53	24.77
		For Galvanized Fittings, Add	*41.69*	
23 21 13 23-0959	EA	2" Plain End Piping System, Tee	256.45	32.06
		For Galvanized Fittings, Add	*41.69*	
23 21 13 23-0960	EA	2-1/2" Plain End Piping System, Tee	267.32	39.26
		For Galvanized Fittings, Add	*41.69*	
23 21 13 23-0961	EA	3" Plain End Piping System, Tee	372.33	48.24
		For Galvanized Fittings, Add	*59.99*	
23 21 13 23-0962	EA	4" Plain End Piping System, Tee	510.66	62.43
		For Galvanized Fittings, Add	*83.43*	
23 21 13 23-0963	EA	5" Plain End Piping System, Tee	1,038.73	81.60
		For Galvanized Fittings, Add	*183.27*	
23 21 13 23-0964	EA	6" Plain End Piping System, Tee	1,284.12	102.18
		For Galvanized Fittings, Add	*226.19*	
23 21 13 23-0965	EA	8" Plain End Piping System, Tee	1,753.34	124.25
		For Galvanized Fittings, Add	*313.40*	
23 21 13 23-0966	EA	10" Plain End Piping System, Tee	2,610.10	144.82
		For Galvanized Fittings, Add	*478.59*	
23 21 13 23-0967	EA	12" Plain End Piping System, Tee	3,497.25	173.49
		For Galvanized Fittings, Add	*647.43*	

23 21 13 23-0968 Plain End Piping System, Reducing Tees *(23 21 13 23-0931)*

23 21 13 23-0969	EA	1-1/2" Plain End Piping System, Reducing Tee	451.78	26.57
		For Galvanized Fittings, Add	*82.40*	
23 21 13 23-0970	EA	2" Plain End Piping System, Reducing Tee	460.00	32.06
		For Galvanized Fittings, Add	*82.40*	
23 21 13 23-0971	EA	2-1/2" Plain End Piping System, Reducing Tee	470.87	39.26
		For Galvanized Fittings, Add	*82.40*	
23 21 13 23-0972	EA	3" Plain End Piping System, Reducing Tee	484.36	48.24
		For Galvanized Fittings, Add	*82.40*	
23 21 13 23-0973	EA	4" Plain End Piping System, Reducing Tee	701.73	62.43
		For Galvanized Fittings, Add	*121.64*	
23 21 13 23-0974	EA	6" Plain End Piping System, Reducing Tee	1,186.00	102.18
		For Galvanized Fittings, Add	*206.56*	
23 21 13 23-0975	EA	8" Plain End Piping System, Reducing Tee	1,546.50	124.25
		For Galvanized Fittings, Add	*272.03*	
23 21 13 23-0976	EA	10" Plain End Piping System, Reducing Tee	2,314.02	144.82
		For Galvanized Fittings, Add	*419.38*	
23 21 13 23-0977	EA	12" Plain End Piping System, Reducing Tee	3,412.53	173.49
		For Galvanized Fittings, Add	*630.49*	

23 21 13 23-0978 Plain End Piping System, Wyes *(23 21 13 23-0931)*

23 21 13 23-0979	EA	2" Plain End Piping System, Wye	658.53	32.06
		For Galvanized Fittings, Add	*122.10*	
23 21 13 23-0980	EA	2-1/2" Plain End Piping System, Wye	669.40	39.26
		For Galvanized Fittings, Add	*122.10*	
23 21 13 23-0981	EA	3" Plain End Piping System, Wye	758.63	48.24
		For Galvanized Fittings, Add	*137.25*	
23 21 13 23-0982	EA	4" Plain End Piping System, Wye	1,112.13	62.43
		For Galvanized Fittings, Add	*203.72*	
23 21 13 23-0983	EA	5" Plain End Piping System, Wye	1,361.92	81.60
		For Galvanized Fittings, Add	*247.90*	
23 21 13 23-0984	EA	6" Plain End Piping System, Wye	1,860.05	102.18
		For Galvanized Fittings, Add	*341.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0985	EA	8" Plain End Piping System, Wye	2,396.84	124.25
		For Galvanized Fittings, Add	*442.10*	
23 21 13 23-0986	EA	10" Plain End Piping System, Wye	3,476.80	144.82
		For Galvanized Fittings, Add	*651.93*	
23 21 13 23-0987	EA	12" Plain End Piping System, Wye	5,285.16	173.49
		For Galvanized Fittings, Add	*1,005.01*	
23 21 13 23-0988		**Plain End Piping System, Laterals** *(23 21 13 23-0931)*		
23 21 13 23-0989	EA	2" Plain End Piping System, Lateral	701.70	32.06
		For Galvanized Fittings, Add	*130.74*	
23 21 13 23-0990	EA	2-1/2" Plain End Piping System, Lateral	712.57	39.26
		For Galvanized Fittings, Add	*130.74*	
23 21 13 23-0991	EA	3" Plain End Piping System, Lateral	801.52	48.24
		For Galvanized Fittings, Add	*145.83*	
23 21 13 23-0992	EA	4" Plain End Piping System, Lateral	1,194.04	62.43
		For Galvanized Fittings, Add	*220.10*	
23 21 13 23-0993	EA	5" Plain End Piping System, Lateral	1,557.00	81.60
		For Galvanized Fittings, Add	*286.92*	
23 21 13 23-0994	EA	6" Plain End Piping System, Lateral	1,985.57	102.18
		For Galvanized Fittings, Add	*366.48*	
23 21 13 23-0995	EA	8" Plain End Piping System, Lateral	2,857.88	124.25
		For Galvanized Fittings, Add	*534.31*	
23 21 13 23-0996	EA	10" Plain End Piping System, Lateral	3,988.33	144.82
		For Galvanized Fittings, Add	*754.24*	
23 21 13 23-0997	EA	12" Plain End Piping System, Lateral	5,361.18	173.49
		For Galvanized Fittings, Add	*1,020.22*	
23 21 13 23-0998		**Plain End Piping System, Crosses** *(23 21 13 23-0931)*		
23 21 13 23-0999	EA	2" Plain End Piping System, Cross	781.73	48.05
		For Galvanized Fittings, Add	*88.72*	
23 21 13 23-1000	EA	2-1/2" Plain End Piping System, Cross	798.00	58.83
		For Galvanized Fittings, Add	*88.72*	
23 21 13 23-1001	EA	3" Plain End Piping System, Cross	931.81	72.42
		For Galvanized Fittings, Add	*102.91*	
23 21 13 23-1002	EA	4" Plain End Piping System, Cross	1,271.21	93.59
		For Galvanized Fittings, Add	*141.37*	
23 21 13 23-1003	EA	5" Plain End Piping System, Cross	1,789.91	122.45
		For Galvanized Fittings, Add	*200.79*	
23 21 13 23-1004	EA	6" Plain End Piping System, Cross	2,350.07	152.81
		For Galvanized Fittings, Add	*265.12*	
23 21 13 23-1005	EA	8" Plain End Piping System, Cross	2,998.47	185.08
		For Galvanized Fittings, Add	*340.13*	
23 21 13 23-1006	EA	10" Plain End Piping System, Cross	4,294.43	216.34
		For Galvanized Fittings, Add	*496.27*	
23 21 13 23-1007	EA	12" Plain End Piping System, Cross	6,114.79	260.28
		For Galvanized Fittings, Add	*715.58*	
23 21 13 23-1008		**Plain End Piping System, Adapter Nipples** *(23 21 13 23-0931)*		
		Note: Plain to threaded, plain to beveled or plain to grooved.		
23 21 13 23-1009	EA	1" Plain End Piping System, Adapter Nipple	64.37	6.00
		For Galvanized Fittings, Add	*13.85*	
23 21 13 23-1010	EA	1-1/2" Plain End Piping System, Adapter Nipple	69.40	8.29
		For Galvanized Fittings, Add	*14.23*	
23 21 13 23-1011	EA	2" Plain End Piping System, Adapter Nipple	73.34	10.99
		For Galvanized Fittings, Add	*14.23*	
23 21 13 23-1012	EA	2-1/2" Plain End Piping System, Adapter Nipple	86.65	13.28
		For Galvanized Fittings, Add	*16.67*	
23 21 13 23-1013	EA	3" Plain End Piping System, Adapter Nipple	106.35	15.98
		For Galvanized Fittings, Add	*20.60*	
23 21 13 23-1014	EA	4" Plain End Piping System, Adapter Nipple	169.72	21.28
		For Galvanized Fittings, Add	*34.44*	
23 21 13 23-1015	EA	6" Plain End Piping System, Adapter Nipple	412.51	26.67
		For Galvanized Fittings, Add	*93.14*	
23 21 13 23-1016		**Plain End Piping System, Reducing (Swaged) Nipples** *(23 21 13 23-0931)*		
23 21 13 23-1017	EA	1-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	207.60	14.28
		For Galvanized Fittings, Add	*46.53*	
23 21 13 23-1018	EA	2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	211.61	16.98
		For Galvanized Fittings, Add	*46.53*	
23 21 13 23-1019	EA	2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	215.64	19.67
		For Galvanized Fittings, Add	*46.53*	
23 21 13 23-1020	EA	2-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	214.66	19.08
		For Galvanized Fittings, Add	*46.53*	
23 21 13 23-1021	EA	2-1/2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	218.60	21.67
		For Galvanized Fittings, Add	*46.53*	
23 21 13 23-1022	EA	2-1/2" x 2" Plain End Piping System, Reducing (Swaged) Nipple	222.58	24.27
		For Galvanized Fittings, Add	*46.53*	
23 21 13 23-1023	EA	3" x 1" Plain End Piping System, Reducing (Swaged) Nipple	259.58	21.97
		For Galvanized Fittings, Add	*56.67*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1024		EA	3" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	263.13	24.27
			For Galvanized Fittings, Add	*56.67*	
23 21 13 23-1025		EA	3" x 2" Plain End Piping System, Reducing (Swaged) Nipple	214.82	26.97
			For Galvanized Fittings, Add	*43.59*	
23 21 13 23-1026		EA	3" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	222.56	32.16
			For Galvanized Fittings, Add	*43.59*	
23 21 13 23-1027		EA	3-1/2" x 3" Plain End Piping System, Reducing (Swaged) Nipple	260.39	34.66
			For Galvanized Fittings, Add	*52.12*	
23 21 13 23-1028		EA	4" x 1" Plain End Piping System, Reducing (Swaged) Nipple	359.69	27.26
			For Galvanized Fittings, Add	*79.69*	
23 21 13 23-1029		EA	4" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	363.19	29.66
			For Galvanized Fittings, Add	*79.69*	
23 21 13 23-1030		EA	4" x 2" Plain End Piping System, Reducing (Swaged) Nipple	289.87	32.36
			For Galvanized Fittings, Add	*60.35*	
23 21 13 23-1031		EA	4" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	293.30	34.66
			For Galvanized Fittings, Add	*60.35*	
23 21 13 23-1032		EA	4" x 3" Plain End Piping System, Reducing (Swaged) Nipple	297.37	37.35
			For Galvanized Fittings, Add	*60.35*	
23 21 13 23-1033		EA	4" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	301.26	39.95
			For Galvanized Fittings, Add	*60.35*	
23 21 13 23-1034		EA	5" x 2" Plain End Piping System, Reducing (Swaged) Nipple	944.13	37.65
			For Galvanized Fittings, Add	*221.91*	
23 21 13 23-1035		EA	5" x 3" Plain End Piping System, Reducing (Swaged) Nipple	748.99	42.55
			For Galvanized Fittings, Add	*171.28*	
23 21 13 23-1036		EA	5" x 4" Plain End Piping System, Reducing (Swaged) Nipple	635.76	48.05
			For Galvanized Fittings, Add	*140.95*	
23 21 13 23-1037		EA	6" x 1" Plain End Piping System, Reducing (Swaged) Nipple	1,752.23	40.65
			For Galvanized Fittings, Add	*422.83*	
23 21 13 23-1038		EA	6" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	1,755.67	42.95
			For Galvanized Fittings, Add	*422.83*	
23 21 13 23-1039		EA	6" x 2" Plain End Piping System, Reducing (Swaged) Nipple	1,319.37	45.65
			For Galvanized Fittings, Add	*312.74*	
23 21 13 23-1040		EA	6" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	1,322.92	48.05
			For Galvanized Fittings, Add	*312.74*	
23 21 13 23-1041		EA	6" x 3" Plain End Piping System, Reducing (Swaged) Nipple	886.61	50.64
			For Galvanized Fittings, Add	*202.68*	
23 21 13 23-1042		EA	6" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	890.24	53.03
			For Galvanized Fittings, Add	*202.68*	
23 21 13 23-1043		EA	6" x 4" Plain End Piping System, Reducing (Swaged) Nipple	698.64	55.94
			For Galvanized Fittings, Add	*153.71*	
23 21 13 23-1044		EA	6" x 5" Plain End Piping System, Reducing (Swaged) Nipple	796.77	61.23
			For Galvanized Fittings, Add	*176.24*	
23 21 13 23-1045		EA	8" x 3" Plain End Piping System, Reducing (Swaged) Nipple	1,063.54	57.23
			For Galvanized Fittings, Add	*244.43*	
23 21 13 23-1046		EA	8" x 4" Plain End Piping System, Reducing (Swaged) Nipple	1,071.60	62.62
			For Galvanized Fittings, Add	*244.43*	
23 21 13 23-1047		EA	8" x 5" Plain End Piping System, Reducing (Swaged) Nipple	1,214.21	68.02
			For Galvanized Fittings, Add	*278.07*	
23 21 13 23-1048		EA	8" x 6" Plain End Piping System, Reducing (Swaged) Nipple	1,360.82	76.00
			For Galvanized Fittings, Add	*311.70*	
23 21 13 23-1049			Plain End Piping System, Bull Plugs *(23 21 13 23-0931)*		
23 21 13 23-1050		EA	1" Plain End Piping System, Bull Plug	345.51	6.00
			For Galvanized Fittings, Add	*100.96*	
23 21 13 23-1051		EA	1-1/2" Plain End Piping System, Bull Plug	349.01	8.29
			For Galvanized Fittings, Add	*100.96*	
23 21 13 23-1052		EA	2" Plain End Piping System, Bull Plug	352.95	10.99
			For Galvanized Fittings, Add	*100.96*	
23 21 13 23-1053		EA	2-1/2" Plain End Piping System, Bull Plug	356.50	13.28
			For Galvanized Fittings, Add	*100.96*	
23 21 13 23-1054		EA	3" Plain End Piping System, Bull Plug	517.28	15.98
			For Galvanized Fittings, Add	*147.99*	
23 21 13 23-1055		EA	4" Plain End Piping System, Bull Plug	669.15	21.28
			For Galvanized Fittings, Add	*191.16*	
23 21 13 23-1056		EA	5" Plain End Piping System, Bull Plug	1,165.99	26.67
			For Galvanized Fittings, Add	*337.82*	
23 21 13 23-1057		EA	6" Plain End Piping System, Bull Plug	1,553.81	34.66
			For Galvanized Fittings, Add	*450.56*	
23 21 13 23-1058		EA	8" Plain End Piping System, Bull Plug	2,885.50	41.25
			For Galvanized Fittings, Add	*847.08*	
23 21 13 23-1059		EA	10" Plain End Piping System, Bull Plug	5,198.14	48.24
			For Galvanized Fittings, Add	*1,537.73*	
23 21 13 23-1060		EA	12" Plain End Piping System, Bull Plug	7,969.38	57.93
			For Galvanized Fittings, Add	*2,364.75*	
23 21 13 23-1061			Carbon Steel Piping Systems *(23 21 13 23)*		
23 21 13 23-1062			Class 3,000 LB Carbon Steel Socket Weld Fittings *(23 21 13 23-1061)*		
			Note: ASTM A105		
23 21 13 23-1063			90 Degree Elbows, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-1062)*		
23 21 13 23-1064		EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	45.47	19.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1065	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	51.28	22.07
23 21 13 23-1066	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	70.46	24.67
23 21 13 23-1067	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	104.28	27.97
23 21 13 23-1068	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	119.84	31.47
23 21 13 23-1069	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	166.63	40.05
23 21 13 23-1070	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	359.36	59.23
23 21 13 23-1071	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	520.69	77.91
23 21 13 23-1072	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	983.45	83.93
23 21 13 23-1073		**45 Degree Elbows, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1062)*		
23 21 13 23-1074	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	52.47	19.77
23 21 13 23-1075	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	61.87	22.07
23 21 13 23-1076	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	73.71	24.67
23 21 13 23-1077	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	108.41	27.97
23 21 13 23-1078	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	129.72	31.47
23 21 13 23-1079	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	166.43	40.05
23 21 13 23-1080	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	419.81	59.23
23 21 13 23-1081	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	571.84	77.91
23 21 13 23-1082	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	961.32	83.93
23 21 13 23-1083		**Straight Tees, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1062)*		
23 21 13 23-1084	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	55.04	24.67
23 21 13 23-1085	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	68.75	28.46
23 21 13 23-1086	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	96.56	33.66
23 21 13 23-1087	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	135.19	40.05
23 21 13 23-1088	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	164.84	47.74
23 21 13 23-1089	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	224.13	59.23
23 21 13 23-1090	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	442.65	77.91
23 21 13 23-1091	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	627.97	92.48
23 21 13 23-1092	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	1,308.31	105.95
23 21 13 23-1093		**Reducing Tees, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1062)*		
23 21 13 23-1094	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	56.96	24.67
23 21 13 23-1095	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	70.73	28.46
23 21 13 23-1096	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	98.93	33.66
23 21 13 23-1097	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	140.80	40.05
23 21 13 23-1098	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	171.43	47.74
23 21 13 23-1099	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	234.24	59.23
23 21 13 23-1100	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	466.68	77.91
23 21 13 23-1101	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	662.57	92.48
23 21 13 23-1102	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	1,185.18	105.95
23 21 13 23-1103		**Straight Couplings, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1062)*		
23 21 13 23-1104	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	36.85	19.77
23 21 13 23-1105	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	41.72	22.07
23 21 13 23-1106	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	50.17	24.67
23 21 13 23-1107	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	58.49	27.97
23 21 13 23-1108	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	69.57	31.47
23 21 13 23-1109	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	92.65	40.05
23 21 13 23-1110	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket, Weld, 3,000 LB	170.90	59.23
23 21 13 23-1111	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	230.05	77.91
23 21 13 23-1112	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	351.68	83.93
23 21 13 23-1113		**Reducing Couplings, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1062)*		
23 21 13 23-1114	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	40.75	19.77
23 21 13 23-1115	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	46.01	22.07
23 21 13 23-1116	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	57.02	24.67
23 21 13 23-1117	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	66.78	27.97
23 21 13 23-1118	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	81.86	31.47
23 21 13 23-1119	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	105.78	40.05
23 21 13 23-1120	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	199.82	59.23
23 21 13 23-1121	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	288.24	77.91
23 21 13 23-1122	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	472.63	83.93
23 21 13 23-1123		**Caps, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1062)*		
23 21 13 23-1124	EA	1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB	25.34	9.29
23 21 13 23-1125	EA	3/4" Cap, Carbon Steel, Socket Weld, 3,000 LB	29.83	9.89
23 21 13 23-1126	EA	1" Cap, Carbon Steel, Socket Weld, 3,000 LB	35.26	11.39
23 21 13 23-1127	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 3,000 LB	42.22	12.39
23 21 13 23-1128	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB	50.92	12.39
23 21 13 23-1129	EA	2" Cap, Carbon Steel, Socket Weld, 3,000 LB	66.19	15.88
23 21 13 23-1130	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB	129.26	19.77
23 21 13 23-1131	EA	3" Cap, Carbon Steel, Socket Weld, 3,000 LB	192.82	23.87
23 21 13 23-1132	EA	4" Cap, Carbon Steel, Socket Weld, 3,000 LB	287.94	28.72

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1133		**Black Cast Iron Square Head Plug** *(23 21 13 23-1062)*		
23 21 13 23-1134	EA	1/2" Square Head Plug, Black, Cast Iron	14.24	7.89
23 21 13 23-1135	EA	3/4" Square Head Plug, Black, Cast Iron	17.96	7.89
23 21 13 23-1136	EA	1" Square Head Plug, Black, Cast Iron	24.81	11.98
23 21 13 23-1137	EA	1-1/4" Square Head Plug, Black, Cast Iron	25.55	11.98
23 21 13 23-1138	EA	1-1/2" Square Head Plug, Black, Cast Iron	26.64	11.98
23 21 13 23-1139	EA	2" Square Head Plug, Black, Cast Iron	37.79	15.88
23 21 13 23-1140	EA	2-1/2" Square Head Plug, Black, Cast Iron	49.79	19.77
23 21 13 23-1141	EA	3" Square Head Plug, Black, Cast Iron	68.22	23.87
23 21 13 23-1142	EA	4" Square Head Plug, Black, Cast Iron	81.17	28.72
23 21 13 23-1143		**Unions, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1062)*		
23 21 13 23-1144	EA	1/2" Union, Carbon Steel, Socket Weld, 3,000 LB	77.65	24.67
23 21 13 23-1145	EA	3/4" Union, Carbon Steel, Socket Weld, 3,000 LB	84.41	28.46
23 21 13 23-1146	EA	1" Union, Carbon Steel, Socket Weld, 3,000 LB	111.43	33.66
23 21 13 23-1147	EA	1-1/4" Union, Carbon Steel, Socket Weld, 3,000 LB	144.16	40.05
23 21 13 23-1148	EA	1-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB	174.32	47.74
23 21 13 23-1149	EA	2" Union, Carbon Steel, Socket Weld, 3,000 LB	218.60	59.23
23 21 13 23-1150	EA	2-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB	428.90	64.32
23 21 13 23-1151	EA	3" Union, Carbon Steel, Socket Weld, 3,000 LB	587.94	77.91
23 21 13 23-1152		**Class 6,000 LB Carbon Steel Socket Weld Fittings** *(23 21 13 23-1061)* Note: ASTM A105		
23 21 13 23-1153		**90 Degree Elbow, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1152)*		
23 21 13 23-1154	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	53.91	19.77
23 21 13 23-1155	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	60.92	22.07
23 21 13 23-1156	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	88.24	24.67
23 21 13 23-1157	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	137.42	27.97
23 21 13 23-1158	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	158.40	31.47
23 21 13 23-1159	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	223.27	40.05
23 21 13 23-1160	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	503.06	59.23
23 21 13 23-1161	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	735.19	77.91
23 21 13 23-1162	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	1,438.97	83.93
23 21 13 23-1163		**45 Degree Elbow, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1152)*		
23 21 13 23-1164	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	65.43	19.77
23 21 13 23-1165	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	78.14	22.07
23 21 13 23-1166	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	94.50	24.67
23 21 13 23-1167	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	146.07	27.97
23 21 13 23-1168	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	176.42	31.47
23 21 13 23-1169	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	226.70	40.05
23 21 13 23-1170	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	607.24	59.23
23 21 13 23-1171	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	829.47	77.91
23 21 13 23-1172	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	1,434.41	83.93
23 21 13 23-1173		**Straight Tees, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1152)*		
23 21 13 23-1174	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	71.75	24.67
23 21 13 23-1175	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	92.89	28.46
23 21 13 23-1176	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	139.27	33.66
23 21 13 23-1177	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	204.83	40.05
23 21 13 23-1178	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	251.20	47.74
23 21 13 23-1179	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	349.49	59.23
23 21 13 23-1180	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	744.43	77.91
23 21 13 23-1181	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	1,081.12	92.48
23 21 13 23-1182	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	2,372.92	105.95
23 21 13 23-1183		**Reducing Tees, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1152)*		
23 21 13 23-1184	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	56.96	24.67
23 21 13 23-1185	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	70.73	28.46
23 21 13 23-1186	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	98.93	33.66
23 21 13 23-1187	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	140.80	40.05
23 21 13 23-1188	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	171.43	47.74
23 21 13 23-1189	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	234.24	59.23
23 21 13 23-1190	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	466.68	77.91
23 21 13 23-1191	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	662.57	92.48
23 21 13 23-1192	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	1,185.18	105.95
23 21 13 23-1193		**Straight Couplings, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1152)*		
23 21 13 23-1194	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	40.35	19.77
23 21 13 23-1195	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	45.88	22.07
23 21 13 23-1196	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	56.54	24.67

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	23 21 13 23-1197	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	66.53	27.97
	23 21 13 23-1198	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	80.38	31.47
	23 21 13 23-1199	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	108.44	40.05
	23 21 13 23-1200	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	210.61	59.23
	23 21 13 23-1201	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	284.82	77.91
	23 21 13 23-1202	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	460.93	83.93
	23 21 13 23-1203		Reducing Couplings, 6,000 LB Carbon Steel Socket Weld *(23 21 13 23-1152)*		
	23 21 13 23-1204	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	46.11	19.77
	23 21 13 23-1205	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	52.19	22.07
	23 21 13 23-1206	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	66.64	24.67
	23 21 13 23-1207	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	78.73	27.97
	23 21 13 23-1208	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	98.48	31.47
	23 21 13 23-1209	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	127.76	40.05
	23 21 13 23-1210	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	253.12	59.23
	23 21 13 23-1211	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	370.52	77.91
	23 21 13 23-1212	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	639.12	83.93
	23 21 13 23-1213		Caps, 6,000 LB Carbon Steel Socket Weld *(23 21 13 23-1152)*		
	23 21 13 23-1214	EA	1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB	33.04	9.29
	23 21 13 23-1215	EA	3/4" Cap, Carbon Steel, Socket Weld, 6,000 LB	39.91	9.89
	23 21 13 23-1216	EA	1" Cap, Carbon Steel, Socket Weld, 6,000 LB	47.47	11.39
	23 21 13 23-1217	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 6,000 LB	58.15	12.39
	23 21 13 23-1218	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB	72.69	12.39
	23 21 13 23-1219	EA	2" Cap, Carbon Steel, Socket Weld, 6,000 LB	94.59	15.88
	23 21 13 23-1220	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB	196.14	19.77
	23 21 13 23-1221	EA	3" Cap, Carbon Steel, Socket Weld, 6,000 LB	298.19	23.87
	23 21 13 23-1222	EA	4" Cap, Carbon Steel, Socket Weld, 6,000 LB	452.24	28.72
	23 21 13 23-1223		Black Cast Iron Square Head Plug *(23 21 13 23-1152)*		
	23 21 13 23-1224	EA	1/2" Square Head Plug, Black Cast Iron	14.26	7.89
	23 21 13 23-1225	EA	3/4" Square Head Plug, Black Cast Iron	17.99	7.89
	23 21 13 23-1226	EA	1" Square Head Plug, Black Cast Iron	24.84	11.98
	23 21 13 23-1227	EA	1-1/4" Square Head Plug, Black Cast Iron	25.59	11.98
	23 21 13 23-1228	EA	1-1/2" Square Head Plug, Black Cast Iron	28.69	11.98
	23 21 13 23-1229	EA	2" Square Head Plug, Black Cast Iron	37.86	15.88
	23 21 13 23-1230	EA	2-1/2" Square Head Plug, Black Cast Iron	49.89	19.77
	23 21 13 23-1231	EA	3" Square Head Plug, Black Cast Iron	68.38	23.87
	23 21 13 23-1232	EA	4" Square Head Plug, Black Cast Iron	81.36	28.72
	23 21 13 23-1233		Unions, 6,000 LB Carbon Steel Socket Weld *(23 21 13 23-1152)*		
	23 21 13 23-1234	EA	1/2" Union, Carbon Steel, Socket Weld, 6,000 LB	102.51	24.67
	23 21 13 23-1235	EA	3/4" Union, Carbon Steel, Socket Weld, 6,000 LB	109.92	28.46
	23 21 13 23-1236	EA	1" Union, Carbon Steel, Socket Weld, 6,000 LB	148.72	33.66
	23 21 13 23-1237	EA	1-1/4" Union, Carbon Steel, Socket Weld, 6,000 LB	195.63	40.05
	23 21 13 23-1238	EA	1-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB	237.13	47.74
	23 21 13 23-1239	EA	2" Union, Carbon Steel, Socket Weld, 6,000 LB	297.98	59.23
	23 21 13 23-1240	EA	2-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB	632.16	64.32
	23 21 13 23-1241	EA	3" Union, Carbon Steel, Socket Weld, 6,000 LB	876.04	77.91
	23 21 13 23-1242		Carbon Steel, Seamless Piping System *(23 21 13 23-1061)*		
			Note: ASTM A106 Excludes hangers or fittings. Demolition Note applies to all pipe demolition.		
	23 21 13 23-1243		Schedule 40, Carbon Steel, Seamless Piping *(23 21 13 23-1242)*		
			Note: ASTM A106 Excludes hangers, elbow, tee, or reducer fittings.		
	23 21 13 23-1244	LF	1/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	11.12	3.70
			For Schedule 80, Add	*2.01*	
	23 21 13 23-1245	LF	1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	11.15	3.99
			For Schedule 80, Add	*1.83*	
			For Schedule 160, Add	*7.64*	
	23 21 13 23-1246	LF	3/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	12.68	4.29
			For Schedule 80, Add	*2.25*	
			For Schedule 160, Add	*9.36*	
	23 21 13 23-1247	LF	1" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	13.41	4.70
			For Schedule 80, Add	*2.31*	
			For Schedule 160, Add	*9.65*	
	23 21 13 23-1248	LF	1-1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	19.11	5.80
			For Schedule 80, Add	*3.75*	
			For Schedule 160, Add	*15.63*	
	23 21 13 23-1249	LF	2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	22.98	6.99
			For Schedule 80, Add	*4.49*	
			For Schedule 160, Add	*18.71*	
	23 21 13 23-1250		90 Degree Elbows, Screwed Carbon Steel *(23 21 13 23-1242)*		
	23 21 13 23-1251	EA	1/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	32.84	15.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1252	EA	1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	40.39	17.78
23 21 13 23-1253	EA	3/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	45.07	19.88
23 21 13 23-1254	EA	1" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	52.51	22.17
23 21 13 23-1255	EA	1-1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	92.14	28.36
23 21 13 23-1256	EA	2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	116.64	36.05
23 21 13 23-1257	EA	1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	36.03	15.18
23 21 13 23-1258	EA	1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	41.58	17.78
23 21 13 23-1259	EA	3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	49.01	19.88
23 21 13 23-1260	EA	1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	61.10	22.17
23 21 13 23-1261	EA	1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	112.64	28.36
23 21 13 23-1262	EA	2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	139.29	36.05
23 21 13 23-1263	EA	1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	52.74	17.78
23 21 13 23-1264	EA	3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	63.06	19.88
23 21 13 23-1265	EA	1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	75.86	22.17
23 21 13 23-1266	EA	1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	154.11	28.36
23 21 13 23-1267	EA	2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	249.29	36.05
23 21 13 23-1268		45 Degree Elbows, Screwed Carbon Steel *(23 21 13 23-1242)*		
23 21 13 23-1269	EA	1/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	39.29	15.18
23 21 13 23-1270	EA	1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	42.96	17.78
23 21 13 23-1271	EA	3/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	48.40	19.88
23 21 13 23-1272	EA	1" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	55.04	22.17
23 21 13 23-1273	EA	1-1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	83.95	28.36
23 21 13 23-1274	EA	2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	129.27	36.05
23 21 13 23-1275	EA	1/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	39.80	15.18
23 21 13 23-1276	EA	1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	45.88	17.78
23 21 13 23-1277	EA	3/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	51.76	19.88
23 21 13 23-1278	EA	1" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	63.81	22.17
23 21 13 23-1279	EA	1-1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	109.47	28.36
23 21 13 23-1280	EA	2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	146.36	36.05
23 21 13 23-1281	EA	1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	60.44	17.78
23 21 13 23-1282	EA	3/4" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	76.96	19.88
23 21 13 23-1283	EA	1" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	81.08	22.17
23 21 13 23-1284	EA	1-1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	183.70	28.36
23 21 13 23-1285	EA	2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	251.24	36.05
23 21 13 23-1286		Straight Tees, Screwed Carbon Steel *(23 21 13 23-1242)*		
23 21 13 23-1287	EA	1/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel	44.06	21.07
23 21 13 23-1288	EA	1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	51.10	22.17
23 21 13 23-1289	EA	3/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel	62.69	25.67
23 21 13 23-1290	EA	1" Tee, Straight, 2,000 LB, Screwed Carbon Steel	78.60	30.27
23 21 13 23-1291	EA	1-1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	134.27	42.95
23 21 13 23-1292	EA	2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	166.47	53.34
23 21 13 23-1293	EA	1/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel	46.79	21.07
23 21 13 23-1294	EA	1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	52.87	22.17
23 21 13 23-1295	EA	3/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel	68.63	25.67
23 21 13 23-1296	EA	1" Tee, Straight, 3,000 LB, Screwed Carbon Steel	83.68	30.27
23 21 13 23-1297	EA	1-1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	151.86	42.95
23 21 13 23-1298	EA	2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	195.58	53.34
23 21 13 23-1299	EA	1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	66.26	22.17
23 21 13 23-1300	EA	3/4" Tee, Straight, 6,000 LB, Screwed Carbon Steel	83.01	25.67
23 21 13 23-1301	EA	1" Tee, Straight, 6,000 LB, Screwed Carbon Steel	119.24	30.27
23 21 13 23-1302	EA	1-1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	192.26	42.95
23 21 13 23-1303	EA	2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	324.36	53.34
23 21 13 23-1304		Crosses, Screwed Carbon Steel *(23 21 13 23-1242)*		
23 21 13 23-1305	EA	1/4" Cross, 2,000 LB, Screwed Carbon Steel	71.08	26.67
23 21 13 23-1306	EA	1/2" Cross, 2,000 LB, Screwed Carbon Steel	86.21	29.96
23 21 13 23-1307	EA	3/4" Cross, 2,000 LB, Screwed Carbon Steel	93.09	31.96
23 21 13 23-1308	EA	1" Cross, 2,000 LB, Screwed Carbon Steel	116.56	38.55
23 21 13 23-1309	EA	1-1/2" Cross, 2,000 LB, Screwed Carbon Steel	222.42	53.93
23 21 13 23-1310	EA	2" Cross, 2,000 LB, Screwed Carbon Steel	291.69	66.62
23 21 13 23-1311	EA	1/2" Cross, 3,000 LB, Screwed Carbon Steel	89.55	29.96
23 21 13 23-1312	EA	3/4" Cross, 3,000 LB, Screwed Carbon Steel	112.33	31.96
23 21 13 23-1313	EA	1" Cross, 3,000 LB, Screwed Carbon Steel	133.39	38.55
23 21 13 23-1314	EA	1-1/2" Cross, 3,000 LB, Screwed Carbon Steel	246.69	53.93
23 21 13 23-1315	EA	2" Cross, 3,000 LB, Screwed Carbon Steel	336.02	66.62
23 21 13 23-1316	EA	1/2" Cross, 6,000 LB, Screwed Carbon Steel	152.20	29.96
23 21 13 23-1317	EA	3/4" Cross, 6,000 LB, Screwed Carbon Steel	283.33	31.96
23 21 13 23-1318	EA	1" Cross, 6,000 LB, Screwed Carbon Steel	396.88	38.55
23 21 13 23-1319	EA	1-1/2" Cross, 6,000 LB, Screwed Carbon Steel	638.50	53.93
23 21 13 23-1320	EA	2" Cross, 6,000 LB, Screwed Carbon Steel	688.33	66.62
23 21 13 23-1321		Straight Couplings, Screwed Carbon Steel *(23 21 13 23-1242)*		
23 21 13 23-1322	EA	1/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	28.53	15.18
23 21 13 23-1323	EA	1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	32.20	17.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1324	EA	3/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	37.46	19.88
23 21 13 23-1325	EA	1" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	44.80	22.17
23 21 13 23-1326	EA	1-1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	71.46	28.36
23 21 13 23-1327	EA	2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	90.66	36.05
23 21 13 23-1328	EA	1/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	36.56	15.18
23 21 13 23-1329	EA	1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	37.28	17.78
23 21 13 23-1330	EA	3/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	41.36	19.88
23 21 13 23-1331	EA	1" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	50.00	22.17
23 21 13 23-1332	EA	1-1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	79.41	28.36
23 21 13 23-1333	EA	2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	119.69	36.05
23 21 13 23-1334		**Reducing Couplings, Screwed Carbon Steel** *(23 21 13 23-1242)*		
23 21 13 23-1335	EA	1/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	29.64	16.18
23 21 13 23-1336	EA	1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	34.83	17.78
23 21 13 23-1337	EA	3/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	41.48	19.88
23 21 13 23-1338	EA	1" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	50.38	22.17
23 21 13 23-1339	EA	1-1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	72.92	28.36
23 21 13 23-1340	EA	2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	98.49	36.05
23 21 13 23-1341	EA	1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	137.66	17.78
23 21 13 23-1342	EA	3/4" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	140.83	19.88
23 21 13 23-1343	EA	1" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	166.18	22.17
23 21 13 23-1344	EA	1-1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	244.19	28.36
23 21 13 23-1345	EA	2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	357.74	36.05
23 21 13 23-1346		**Caps, Screwed Carbon Steel** *(23 21 13 23-1242)*		
23 21 13 23-1347	EA	1/4" Cap, 3,000 LB, Screwed Carbon Steel	14.94	6.79
23 21 13 23-1348	EA	1/2" Cap, 3,000 LB, Screwed Carbon Steel	17.10	7.89
23 21 13 23-1349	EA	3/4" Cap, 3,000 LB, Screwed Carbon Steel	20.58	8.89
23 21 13 23-1350	EA	1" Cap, 3,000 LB, Screwed Carbon Steel	25.98	9.89
23 21 13 23-1351	EA	1-1/2" Cap, 3,000 LB, Screwed Carbon Steel	36.70	12.59
23 21 13 23-1352	EA	2" Cap, 3,000 LB, Screwed Carbon Steel	51.62	16.08
23 21 13 23-1353	EA	1/4" Cap, 6,000 LB, Screwed Carbon Steel	24.58	6.79
23 21 13 23-1354	EA	1/2" Cap, 6,000 LB, Screwed Carbon Steel	23.28	7.89
23 21 13 23-1355	EA	3/4" Cap, 6,000 LB, Screwed Carbon Steel	30.64	8.89
23 21 13 23-1356	EA	1" Cap, 6,000 LB, Screwed Carbon Steel	33.33	9.89
23 21 13 23-1357	EA	1-1/2" Cap, 6,000 LB, Screwed Carbon Steel	66.64	12.59
23 21 13 23-1358	EA	2" Cap, 6,000 LB, Screwed Carbon Steel	80.78	16.08
23 21 13 23-1359		**Nipples, Screwed Carbon Steel** *(23 21 13 23-1242)*		
23 21 13 23-1360	EA	1/4" Nipple, 2" Long, Screwed Carbon Steel	17.77	9.09
23 21 13 23-1361	EA	1/2" Nipple, 2" Long, Screwed Carbon Steel	17.93	9.48
23 21 13 23-1362	EA	3/4" Nipple, 2" Long, Screwed Carbon Steel	17.69	9.48
23 21 13 23-1363	EA	1" Nipple, 2" Long, Screwed Carbon Steel	20.25	10.29
23 21 13 23-1364	EA	1-1/2" Nipple, 2" Long, Screwed Carbon Steel	24.01	11.09
23 21 13 23-1365	EA	2" Nipple, 2" Long, Screwed Carbon Steel	27.03	14.28
23 21 13 23-1366	EA	1/4" Nipple, 4" Long, Screwed Carbon Steel	19.61	9.09
23 21 13 23-1367	EA	1/2" Nipple, 4" Long, Screwed Carbon Steel	19.39	9.48
23 21 13 23-1368	EA	3/4" Nipple, 4" Long, Screwed Carbon Steel	19.34	9.48
23 21 13 23-1369	EA	1" Nipple, 4" Long, Screwed Carbon Steel	22.47	10.29
23 21 13 23-1370	EA	1-1/2" Nipple, 4" Long, Screwed Carbon Steel	27.98	11.09
23 21 13 23-1371	EA	2" Nipple, 4" Long, Screwed Carbon Steel	32.84	14.28
23 21 13 23-1372	EA	1/4" Nipple, 6" Long, Screwed Carbon Steel	24.01	9.09
23 21 13 23-1373	EA	1/2" Nipple, 6" Long, Screwed Carbon Steel	21.71	9.48
23 21 13 23-1374	EA	3/4" Nipple, 6" Long, Screwed Carbon Steel	21.92	9.48
23 21 13 23-1375	EA	1" Nipple, 6" Long, Screwed Carbon Steel	25.67	10.29
23 21 13 23-1376	EA	1-1/2" Nipple, 6" Long, Screwed Carbon Steel	33.41	11.09
23 21 13 23-1377	EA	2" Nipple, 6" Long, Screwed Carbon Steel	37.64	14.28
23 21 13 23-1378		**Unions, Screwed Carbon Steel** *(23 21 13 23-1242)*		
23 21 13 23-1379	EA	1/4" Union, 3,000 LB, Screwed Carbon Steel	36.48	22.07
23 21 13 23-1380	EA	1/2" Union, 3,000 LB, Screwed Carbon Steel	36.44	22.17
23 21 13 23-1381	EA	3/4" Union, 3,000 LB, Screwed Carbon Steel	41.64	25.67
23 21 13 23-1382	EA	1" Union, 3,000 LB, Screwed Carbon Steel	50.11	30.27
23 21 13 23-1383	EA	1-1/2" Union, 3,000 LB, Screwed Carbon Steel	72.38	42.95
23 21 13 23-1384	EA	2" Union, 3,000 LB, Screwed Carbon Steel	89.95	53.34
23 21 13 23-1385	EA	1/4" Union, 6,000 LB, Screwed Carbon Steel	79.12	22.07
23 21 13 23-1386	EA	1/2" Union, 6,000 LB, Screwed Carbon Steel	87.99	22.17
23 21 13 23-1387	EA	3/4" Union, 6,000 LB, Screwed Carbon Steel	104.09	25.67
23 21 13 23-1388	EA	1" Union, 6,000 LB, Screwed Carbon Steel	127.06	30.27
23 21 13 23-1389	EA	1-1/2" Union, 6,000 LB, Screwed Carbon Steel	229.73	42.95
23 21 13 23-1390	EA	2" Union, 6,000 LB, Screwed Carbon Steel	283.61	53.34
23 21 13 23-1391		**Weld Neck Flanges, Screwed Carbon Steel** *(23 21 13 23-1242)*		
23 21 13 23-1392	EA	1/2" Flange, 150 LB, Screwed Carbon Steel	84.58	41.25
23 21 13 23-1393	EA	3/4" Flange, 150 LB, Screwed Carbon Steel	88.29	43.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1394	EA	1" Flange, 150 LB, Screwed Carbon Steel	91.11	45.14
23 21 13 23-1395	EA	1-1/2" Flange, 150 LB, Screwed Carbon Steel	100.47	50.84
23 21 13 23-1396	EA	2" Flange, 150 LB, Screwed Carbon Steel	103.79	53.03
23 21 13 23-1397	EA	1/2" Flange, 300 LB, Screwed Carbon Steel	86.01	41.25
		For Ring Type Joint, Add	*24.12*	
		For Blind Flange, Deduct	*-29.58*	
23 21 13 23-1398	EA	3/4" Flange, 300 LB, Screwed Carbon Steel	89.82	43.25
		For Ring Type Joint, Add	*24.93*	
		For Blind Flange, Deduct	*-30.94*	
23 21 13 23-1399	EA	1" Flange, 300 LB, Screwed Carbon Steel	93.43	45.14
		For Ring Type Joint, Add	*25.72*	
		For Blind Flange, Deduct	*-32.23*	
23 21 13 23-1400	EA	1-1/2" Flange, 300 LB, Screwed Carbon Steel	106.01	50.84
		For Ring Type Joint, Add	*29.76*	
		For Blind Flange, Deduct	*-36.45*	
23 21 13 23-1401	EA	2" Flange, 300 LB, Screwed Carbon Steel	109.33	53.03
		For Ring Type Joint, Add	*29.76*	
		For Blind Flange, Deduct	*-37.78*	
23 21 13 23-1402	EA	1/2" Flange, 600 LB, Screwed Carbon Steel	95.50	41.25
		For Ring Type Joint, Add	*33.61*	
		For Blind Flange, Deduct	*-31.48*	
23 21 13 23-1403	EA	3/4" Flange, 600 LB, Screwed Carbon Steel	98.50	43.25
		For Ring Type Joint, Add	*33.61*	
		For Blind Flange, Deduct	*-32.68*	
23 21 13 23-1404	EA	1" Flange, 600 LB, Screwed Carbon Steel	102.85	45.14
		For Ring Type Joint, Add	*35.14*	
		For Blind Flange, Deduct	*-34.11*	
23 21 13 23-1405	EA	1-1/2" Flange, 600 LB, Screwed Carbon Steel	117.68	50.84
		For Ring Type Joint, Add	*41.43*	
		For Blind Flange, Deduct	*-38.79*	
23 21 13 23-1406	EA	2" Flange, 600 LB, Screwed Carbon Steel	118.13	53.03
		For Ring Type Joint, Add	*38.56*	
		For Blind Flange, Deduct	*-39.54*	

23 21 13 23-1407 Square Head Plugs, Screwed Carbon Steel *(23 21 13 23-1242)*

23 21 13 23-1408	EA	1/4" Square Head Plug, Screwed Carbon Steel	6.33	2.79
23 21 13 23-1409	EA	1/2" Square Head Plug, Screwed Carbon Steel	7.56	3.30
23 21 13 23-1410	EA	3/4" Square Head Plug, Screwed Carbon Steel	8.90	3.80
23 21 13 23-1411	EA	1" Square Head Plug, Screwed Carbon Steel	12.92	5.59
23 21 13 23-1412	EA	1-1/2" Square Head Plug, Screwed Carbon Steel	18.52	5.59
23 21 13 23-1413	EA	2" Square Head Plug, Screwed Carbon Steel	27.80	7.29

23 21 13 23-1414 Hex Head Plugs, Screwed Carbon Steel *(23 21 13 23-1242)*

23 21 13 23-1415	EA	1/4" Hex Head Plug, Screwed Carbon Steel	5.77	2.79
23 21 13 23-1416	EA	1/2" Hex Head Plug, Screwed Carbon Steel	7.04	3.30
23 21 13 23-1417	EA	3/4" Hex Head Plug, Screwed Carbon Steel	8.56	3.80
23 21 13 23-1418	EA	1" Hex Head Plug, Screwed Carbon Steel	12.62	5.59
23 21 13 23-1419	EA	1-1/2" Hex Head Plug, Screwed Carbon Steel	17.28	5.59
23 21 13 23-1420	EA	2" Hex Head Plug, Screwed Carbon Steel	28.68	7.29

23 21 13 23-1421 Round Head Plugs, Screwed Carbon Steel *(23 21 13 23-1242)*

23 21 13 23-1422	EA	1/4" Round Head Plug, Screwed Carbon Steel	7.59	2.79
23 21 13 23-1423	EA	1/2" Round Head Plug, Screwed Carbon Steel	7.64	3.30
23 21 13 23-1424	EA	3/4" Round Head Plug, Screwed Carbon Steel	8.66	3.80
23 21 13 23-1425	EA	1" Round Head Plug, Screwed Carbon Steel	13.12	5.59
23 21 13 23-1426	EA	1-1/2" Round Head Plug, Screwed Carbon Steel	20.07	5.59
23 21 13 23-1427	EA	2" Round Head Plug, Screwed Carbon Steel	28.34	7.29

23 21 13 23-1428 Hexagon Bushings, Screwed Carbon Steel *(23 21 13 23-1242)*

23 21 13 23-1429	EA	1/4" Hex Bushing, Screwed Carbon Steel	6.19	2.79
23 21 13 23-1430	EA	1/2" Hex Bushing, Screwed Carbon Steel	7.02	3.30
23 21 13 23-1431	EA	3/4" Hex Bushing, Screwed Carbon Steel	8.42	3.80
23 21 13 23-1432	EA	1" Hex Bushing, Screwed Carbon Steel	13.02	5.59
23 21 13 23-1433	EA	1-1/2" Hex Bushing, Screwed Carbon Steel	17.18	5.59
23 21 13 23-1434	EA	2" Hex Bushing, Screwed Carbon Steel	27.38	7.29

23 21 13 23-1435 90 Degree Street Elbows, Screwed Carbon Steel *(23 21 13 23-1242)*

23 21 13 23-1436	EA	1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	43.04	15.18
23 21 13 23-1437	EA	1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	48.39	17.78
23 21 13 23-1438	EA	3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	57.78	19.88
23 21 13 23-1439	EA	1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	69.07	22.17
23 21 13 23-1440	EA	1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	119.07	28.36
23 21 13 23-1441	EA	2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	163.35	36.05
23 21 13 23-1442	EA	1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	77.54	17.78
23 21 13 23-1443	EA	3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	117.04	19.88
23 21 13 23-1444	EA	1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	168.23	22.17
23 21 13 23-1445	EA	1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	391.86	28.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1446		**Screwed Carbon Steel Laterals** *(23 21 13 23-1242)*		
23 21 13 23-1447	EA	1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	234.05	22.17
23 21 13 23-1448	EA	3/4" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	282.81	25.67
23 21 13 23-1449	EA	1" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	347.40	30.27
23 21 13 23-1450	EA	1-1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	441.52	42.95
23 21 13 23-1451	EA	2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	551.28	53.34
23 21 13 23-1452	EA	1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	302.14	22.17
23 21 13 23-1453	EA	3/4" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	384.07	25.67
23 21 13 23-1454	EA	1" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	455.67	30.27
23 21 13 23-1455	EA	1-1/2" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	640.57	42.95
23 21 13 23-1456		**Grooved-Joint Pipe** *(23 21 13 23)*		
		Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings.		
23 21 13 23-1457		**Schedule 10 Black Grooved Pipe** *(23 21 13 23-1456)*		
23 21 13 23-1458	LF	2" Black Schedule 10 Grooved Pipe	32.43	12.69
23 21 13 23-1459	LF	2-1/2" Black Schedule 10 Grooved Pipe	43.53	17.38
23 21 13 23-1460	LF	3" Black Schedule 10 Grooved Pipe	49.05	19.28
23 21 13 23-1461	LF	3-1/2" Black Schedule 10 Grooved Pipe	55.80	19.98
23 21 13 23-1462	LF	4" Black Schedule 10 Grooved Pipe	58.94	21.67
23 21 13 23-1463	LF	5" Black Schedule 10 Grooved Pipe	86.29	26.57
23 21 13 23-1464	LF	6" Black Schedule 10 Grooved Pipe	108.60	37.76
23 21 13 23-1465	LF	8" Black Schedule 10 Grooved Pipe	155.35	42.35
23 21 13 23-1466	LF	10" Black Schedule 10 Grooved Pipe	196.28	51.04
23 21 13 23-1467	LF	12" Black Schedule 10 Grooved Pipe	227.21	57.83
23 21 13 23-1468		**Schedule 40 Black Grooved Pipe** *(23 21 13 23-1456)*		
23 21 13 23-1469	LF	3/4" Black Schedule 40 Grooved Pipe	19.39	7.69
23 21 13 23-1470	LF	1" Black Schedule 40 Grooved Pipe	21.92	8.69
23 21 13 23-1471	LF	1-1/4" Black Schedule 40 Grooved Pipe	25.26	9.39
23 21 13 23-1472	LF	1-1/2" Black Schedule 40 Grooved Pipe	28.74	10.68
23 21 13 23-1473	LF	2" Black Schedule 40 Grooved Pipe	36.11	13.59
23 21 13 23-1474	LF	2-1/2" Black Schedule 40 Grooved Pipe	50.54	18.58
23 21 13 23-1475	LF	3" Black Schedule 40 Grooved Pipe	60.22	21.18
23 21 13 23-1476	LF	4" Black Schedule 40 Grooved Pipe	75.74	23.57
23 21 13 23-1477	LF	5" Black Schedule 40 Grooved Pipe	107.13	28.66
23 21 13 23-1478	LF	6" Black Schedule 40 Grooved Pipe	142.04	41.35
23 21 13 23-1479	LF	8" Black Schedule 40 Grooved Pipe	194.59	46.85
23 21 13 23-1480	LF	10" Black Schedule 40 Grooved Pipe	274.78	55.94
23 21 13 23-1481	LF	12" Black Schedule 40 Grooved Pipe	324.93	64.22
23 21 13 23-1482	LF	14" Black Schedule 40 Grooved Pipe	427.45	86.80
23 21 13 23-1483	LF	16" Black Schedule 40 Grooved Pipe	494.79	102.08
23 21 13 23-1484	LF	18" Black Schedule 40 Grooved Pipe	616.35	123.95
23 21 13 23-1485	LF	20" Black Schedule 40 Grooved Pipe	709.46	144.53
23 21 13 23-1486	LF	24" Black Schedule 40 Grooved Pipe	939.24	173.49
23 21 13 23-1487		**Schedule 80 Black Grooved Pipe** *(23 21 13 23-1456)*		
23 21 13 23-1488	LF	3/4" Black Schedule 80 Grooved Pipe	21.27	8.39
23 21 13 23-1489	LF	1" Black Schedule 80 Grooved Pipe	23.89	8.89
23 21 13 23-1490	LF	1-1/4" Black Schedule 80 Grooved Pipe	28.49	9.89
23 21 13 23-1491	LF	1-1/2" Black Schedule 80 Grooved Pipe	32.55	11.09
23 21 13 23-1492	LF	2" Black Schedule 80 Grooved Pipe	42.16	14.28
23 21 13 23-1493	LF	2-1/2" Black Schedule 80 Grooved Pipe	59.77	19.67
23 21 13 23-1494	LF	3" Black Schedule 80 Grooved Pipe	72.30	22.07
23 21 13 23-1495	LF	4" Black Schedule 80 Grooved Pipe	93.57	24.07
23 21 13 23-1496	LF	5" Black Schedule 80 Grooved Pipe	147.86	30.27
23 21 13 23-1497	LF	6" Black Schedule 80 Grooved Pipe	189.52	43.35
23 21 13 23-1498	LF	8" Black Schedule 80 Grooved Pipe	295.19	49.54
23 21 13 23-1499	LF	10" Black Schedule 80 Grooved Pipe	368.80	59.83
23 21 13 23-1500	LF	12" Black Schedule 80 Grooved Pipe	381.46	72.32
23 21 13 23-1501		**Schedule 40 Galvanized Grooved Pipe** *(23 21 13 23-1456)*		
23 21 13 23-1502	LF	3/4" Galvanized Schedule 40 Grooved Pipe	18.60	7.69
23 21 13 23-1503	LF	1" Galvanized Schedule 40 Grooved Pipe	21.66	8.69
23 21 13 23-1504	LF	1-1/4" Galvanized Schedule 40 Grooved Pipe	24.24	9.39
23 21 13 23-1505	LF	1-1/2" Galvanized Schedule 40 Grooved Pipe	27.60	10.68
23 21 13 23-1506	LF	2" Galvanized Schedule 40 Grooved Pipe	34.86	13.59
23 21 13 23-1507	LF	2-1/2" Galvanized Schedule 40 Grooved Pipe	48.99	18.58
23 21 13 23-1508	LF	3" Galvanized Schedule 40 Grooved Pipe	58.51	21.18
23 21 13 23-1509	LF	4" Galvanized Schedule 40 Grooved Pipe	73.28	23.57
23 21 13 23-1510	LF	5" Galvanized Schedule 40 Grooved Pipe	104.73	28.66
23 21 13 23-1511	LF	6" Galvanized Schedule 40 Grooved Pipe	140.16	41.35
23 21 13 23-1512	LF	8" Galvanized Schedule 40 Grooved Pipe	189.37	46.85
23 21 13 23-1513	LF	10" Galvanized Schedule 40 Grooved Pipe	271.01	55.94
23 21 13 23-1514	LF	12" Galvanized Schedule 40 Grooved Pipe	320.85	64.22

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CSI	UOM	MINOR DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1515		Schedule 80 Galvanized Grooved Pipe *(23 21 13 23-1456)*		
23 21 13 23-1516	LF	3/4" Galvanized Schedule 80 Grooved Pipe	19.93	8.39
23 21 13 23-1517	LF	1" Galvanized Schedule 80 Grooved Pipe	26.76	8.89
23 21 13 23-1518	LF	1-1/4" Galvanized Schedule 80 Grooved Pipe	26.72	9.89
23 21 13 23-1519	LF	1-1/2" Galvanized Schedule 80 Grooved Pipe	35.38	11.78
23 21 13 23-1520	LF	2" Galvanized Schedule 80 Grooved Pipe	39.65	14.26
23 21 13 23-1521	LF	2-1/2" Galvanized Schedule 80 Grooved Pipe	56.37	19.67
23 21 13 23-1522	LF	3" Galvanized Schedule 80 Grooved Pipe	68.41	22.07
23 21 13 23-1523	LF	4" Galvanized Schedule 80 Grooved Pipe	87.59	24.07
23 21 13 23-1524	LF	5" Galvanized Schedule 80 Grooved Pipe	134.29	30.27
23 21 13 23-1525	LF	6" Galvanized Schedule 80 Grooved Pipe	172.43	43.35
23 21 13 23-1526	LF	8" Galvanized Schedule 80 Grooved Pipe	263.92	49.54
23 21 13 23-1527	LF	10" Galvanized Schedule 80 Grooved Pipe	313.78	59.83
23 21 13 23-1528	LF	12" Galvanized Schedule 80 Grooved Pipe	341.75	72.32
23 21 13 23-1529		Painted Grooved-Joint Pipe Fittings *(23 21 13 23)*		
		Note: Couplings are not included with fittings.		
23 21 13 23-1530		Grooved Elbows *(23 21 13 23-1529)*		
23 21 13 23-1531		90 Degree Grooved Elbows *(23 21 13 23-1530)*		
		Note: Victaulic No. 10		
23 21 13 23-1532	EA	3/4", Ductile Iron, Grooved 90 Degree Elbow	90.41	10.89
		For Galvanized Fittings, Add	*24.45*	
23 21 13 23-1533	EA	1", Ductile Iron, Grooved 90 Degree Elbow	90.41	10.89
		For Galvanized Fittings, Add	*24.45*	
23 21 13 23-1534	EA	1-1/4", Ductile Iron, Grooved 90 Degree Elbow	94.49	13.59
		For Galvanized Fittings, Add	*24.45*	
23 21 13 23-1535	EA	1-1/2", Ductile Iron, Grooved 90 Degree Elbow	98.81	16.48
		For Galvanized Fittings, Add	*24.45*	
23 21 13 23-1536	EA	2", Ductile Iron, Grooved 90 Degree Elbow	106.74	21.77
		For Galvanized Fittings, Add	*24.45*	
23 21 13 23-1537	EA	2-1/2", Ductile Iron, Grooved 90 Degree Elbow	113.85	26.57
		For Galvanized Fittings, Add	*24.45*	
23 21 13 23-1538	EA	3", Ductile Iron, Grooved 90 Degree Elbow	179.83	32.16
		For Galvanized Fittings, Add	*43.44*	
23 21 13 23-1539	EA	4", Ductile Iron, Grooved 90 Degree Elbow	206.98	42.45
		For Galvanized Fittings, Add	*47.31*	
23 21 13 23-1540	EA	5", Ductile Iron, Grooved 90 Degree Elbow	428.50	53.03
		For Galvanized Fittings, Add	*115.16*	
23 21 13 23-1541	EA	6", Ductile Iron, Grooved 90 Degree Elbow	509.61	69.41
		For Galvanized Fittings, Add	*133.84*	
23 21 13 23-1542	EA	8", Ductile Iron, Grooved 90 Degree Elbow	977.45	82.60
		For Galvanized Fittings, Add	*281.68*	
23 21 13 23-1543	EA	10", Ductile Iron, Grooved 90 Degree Elbow	1,474.40	96.38
		For Galvanized Fittings, Add	*438.87*	
23 21 13 23-1544	EA	12", Ductile Iron, Grooved 90 Degree Elbow	2,305.02	115.66
		For Galvanized Fittings, Add	*703.43*	
23 21 13 23-1545	EA	14", Steel, Grooved 90 Degree Elbow	4,628.75	130.54
		For Galvanized Fittings, Add	*1,462.89*	
23 21 13 23-1546	EA	16", Steel, Grooved 90 Degree Elbow	6,017.35	144.53
		For Galvanized Fittings, Add	*1,914.20*	
23 21 13 23-1547	EA	18", Steel, Grooved 90 Degree Elbow	7,593.58	157.90
		For Galvanized Fittings, Add	*2,427.77*	
23 21 13 23-1548	EA	20", Steel, Grooved 90 Degree Elbow	9,913.94	164.20
		For Galvanized Fittings, Add	*3,190.34*	
23 21 13 23-1549	EA	24", Steel, Grooved 90 Degree Elbow	14,203.06	194.17
		For Galvanized Fittings, Add	*4,590.97*	
23 21 13 23-1550		45 Degree Grooved Elbows *(23 21 13 23-1530)*		
		Note: Victaulic No. 11		
23 21 13 23-1551	EA	3/4", Ductile Iron, Grooved 45 Degree Elbow	90.36	10.89
		For Galvanized Fittings, Add	*17.77*	
23 21 13 23-1552	EA	1", Ductile Iron, Grooved 45 Degree Elbow	90.36	10.89
		For Galvanized Fittings, Add	*17.77*	
23 21 13 23-1553	EA	1-1/4", Ductile Iron, Grooved 45 Degree Elbow	94.44	13.59
		For Galvanized Fittings, Add	*17.77*	
23 21 13 23-1554	EA	1-1/2", Ductile Iron, Grooved 45 Degree Elbow	98.76	16.48
		For Galvanized Fittings, Add	*17.77*	
23 21 13 23-1555	EA	2", Ductile Iron, Grooved 45 Degree Elbow	106.69	21.77
		For Galvanized Fittings, Add	*17.77*	
23 21 13 23-1556	EA	2-1/2", Ductile Iron, Grooved 45 Degree Elbow	113.80	26.57
		For Galvanized Fittings, Add	*17.77*	
23 21 13 23-1557	EA	3", Ductile Iron, Grooved 45 Degree Elbow	179.78	32.16
		For Galvanized Fittings, Add	*31.58*	
23 21 13 23-1558	EA	4", Ductile Iron, Grooved 45 Degree Elbow	206.98	42.45
		For Galvanized Fittings, Add	*34.41*	
23 21 13 23-1559	EA	5", Ductile Iron, Grooved 45 Degree Elbow	428.50	53.03
		For Galvanized Fittings, Add	*83.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1560	EA	6", Ductile Iron, Grooved 45 Degree Elbow	509.61	69.41
		For Galvanized Fittings, Add	*97.34*	
23 21 13 23-1561	EA	8", Ductile Iron, Grooved 45 Degree Elbow	977.45	82.60
		For Galvanized Fittings, Add	*204.86*	
23 21 13 23-1562	EA	10", Ductile Iron, Grooved 45 Degree Elbow	1,474.40	96.38
		For Galvanized Fittings, Add	*319.18*	
23 21 13 23-1563	EA	12", Ductile Iron, Grooved 45 Degree Elbow	2,305.02	115.66
		For Galvanized Fittings, Add	*511.59*	
23 21 13 23-1564	EA	14", Steel, Grooved 45 Degree Elbow	4,628.75	130.54
		For Galvanized Fittings, Add	*1,063.92*	
23 21 13 23-1565	EA	16", Steel, Grooved 45 Degree Elbow	6,017.35	144.53
		For Galvanized Fittings, Add	*1,392.15*	
23 21 13 23-1566	EA	18", Steel, Grooved 45 Degree Elbow	7,593.58	157.90
		For Galvanized Fittings, Add	*1,765.65*	
23 21 13 23-1567	EA	20", Steel, Grooved 45 Degree Elbow	9,914.38	164.50
		For Galvanized Fittings, Add	*2,320.25*	
23 21 13 23-1568	EA	24", Steel, Grooved 45 Degree Elbow	14,203.06	194.17
		For Galvanized Fittings, Add	*3,338.89*	
23 21 13 23-1569		22-1/2 Degree Grooved Elbows *(23 21 13 23-1530)*		
		Note: Victaulic No. 12		
23 21 13 23-1570	EA	1", Ductile Iron, Grooved 22-1/2 Degree Elbow	95.24	10.89
		For Galvanized Fittings, Add	*18.94*	
23 21 13 23-1571	EA	1-1/4", Ductile Iron, Grooved 22-1/2 Degree Elbow	99.32	13.59
		For Galvanized Fittings, Add	*18.94*	
23 21 13 23-1572	EA	1-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow	103.64	16.48
		For Galvanized Fittings, Add	*18.94*	
23 21 13 23-1573	EA	2", Ductile Iron, Grooved 22-1/2 Degree Elbow	111.57	21.77
		For Galvanized Fittings, Add	*18.94*	
23 21 13 23-1574	EA	2-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow	118.68	26.57
		For Galvanized Fittings, Add	*18.94*	
23 21 13 23-1575	EA	3", Ductile Iron, Grooved 22-1/2 Degree Elbow	163.63	32.16
		For Galvanized Fittings, Add	*27.70*	
23 21 13 23-1576	EA	4", Ductile Iron, Grooved 22-1/2 Degree Elbow	218.39	42.45
		For Galvanized Fittings, Add	*37.14*	
23 21 13 23-1577	EA	5", Ductile Iron, Grooved 22-1/2 Degree Elbow	559.48	53.03
		For Galvanized Fittings, Add	*115.19*	
23 21 13 23-1578	EA	6", Ductile Iron, Grooved 22-1/2 Degree Elbow	542.50	69.41
		For Galvanized Fittings, Add	*105.23*	
23 21 13 23-1579	EA	8", Ductile Iron, Grooved 22-1/2 Degree Elbow	1,041.26	82.60
		For Galvanized Fittings, Add	*220.18*	
23 21 13 23-1580	EA	10", Steel, Grooved 22-1/2 Degree Elbow	1,403.98	96.38
		For Galvanized Fittings, Add	*302.28*	
23 21 13 23-1581	EA	12", Steel, Grooved 22-1/2 Degree Elbow	1,876.11	115.66
		For Galvanized Fittings, Add	*408.65*	
23 21 13 23-1582	EA	14", Steel, Grooved 22-1/2 Degree Elbow	2,162.42	130.54
		For Galvanized Fittings, Add	*472.00*	
23 21 13 23-1583	EA	16", Steel, Grooved 22-1/2 Degree Elbow	2,575.48	144.53
		For Galvanized Fittings, Add	*566.10*	
23 21 13 23-1584	EA	18", Steel, Grooved 22-1/2 Degree Elbow	3,093.32	157.90
		For Galvanized Fittings, Add	*685.59*	
23 21 13 23-1585	EA	20", Steel, Grooved 22-1/2 Degree Elbow	3,623.53	164.20
		For Galvanized Fittings, Add	*810.55*	
23 21 13 23-1586	EA	24", Steel, Grooved 22-1/2 Degree Elbow	4,829.36	194.17
		For Galvanized Fittings, Add	*1,089.20*	
23 21 13 23-1587		11-1/4 Degree Grooved Elbows *(23 21 13 23-1530)*		
		Note: Victaulic No. 13		
23 21 13 23-1588	EA	1", Ductile Iron, Grooved 11-1/4 Degree Elbow	95.24	10.89
		For Galvanized Fittings, Add	*18.94*	
23 21 13 23-1589	EA	1-1/4", Ductile Iron, Grooved 11-1/4 Degree Elbow	99.32	13.59
		For Galvanized Fittings, Add	*18.94*	
23 21 13 23-1590	EA	1-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow	103.64	16.48
		For Galvanized Fittings, Add	*18.94*	
23 21 13 23-1591	EA	2", Ductile Iron, Grooved 11-1/4 Degree Elbow	111.57	21.77
		For Galvanized Fittings, Add	*18.94*	
23 21 13 23-1592	EA	2-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow	118.68	26.57
		For Galvanized Fittings, Add	*18.94*	
23 21 13 23-1593	EA	3", Ductile Iron, Grooved 11-1/4 Degree Elbow	163.62	32.16
		For Galvanized Fittings, Add	*27.70*	
23 21 13 23-1594	EA	4", Ductile Iron, Grooved 11-1/4 Degree Elbow	218.38	42.45
		For Galvanized Fittings, Add	*37.14*	
23 21 13 23-1595	EA	5", Ductile Iron, Grooved 11-1/4 Degree Elbow	559.45	53.03
		For Galvanized Fittings, Add	*115.18*	
23 21 13 23-1596	EA	6", Ductile Iron, Grooved 11-1/4 Degree Elbow	542.48	69.41
		For Galvanized Fittings, Add	*105.23*	
23 21 13 23-1597	EA	8", Ductile Iron, Grooved 11-1/4 Degree Elbow	1,041.20	82.60
		For Galvanized Fittings, Add	*220.16*	
23 21 13 23-1598	EA	10", Steel, Grooved 11-1/4 Degree Elbow	1,403.91	96.38
		For Galvanized Fittings, Add	*302.26*	
23 21 13 23-1599	EA	12", Steel, Grooved 11-1/4 Degree Elbow	1,876.02	115.66
		For Galvanized Fittings, Add	*408.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1600	EA	14", Steel, Grooved 11-1/4 Degree Elbow	2,162.33	130.54
		For Galvanized Fittings, Add	*471.97*	
23 21 13 23-1601	EA	16", Steel, Grooved 11-1/4 Degree Elbow	2,575.38	144.62
		For Galvanized Fittings, Add	*566.07*	
23 21 13 23-1602	EA	18", Steel, Grooved 11-1/4 Degree Elbow	3,093.14	157.90
		For Galvanized Fittings, Add	*685.55*	
23 21 13 23-1603	EA	20", Steel, Grooved 11-1/4 Degree Elbow	3,623.34	164.20
		For Galvanized Fittings, Add	*810.50*	
23 21 13 23-1604	EA	24", Steel, Grooved 11-1/4 Degree Elbow	4,829.11	194.17
		For Galvanized Fittings, Add	*1,089.14*	
23 21 13 23-1605		90 Degree Grooved Long Radius Elbows *(23 21 13 23-1530)*		
		Note: Victaulic No. 100		
23 21 13 23-1606	EA	2", Ductile Iron, Grooved 90 Degree Long Radius Elbow	202.04	21.77
		For Galvanized Fittings, Add	*40.65*	
23 21 13 23-1607	EA	2-1/2", Ductile Iron, Grooved 90 Degree Long Radius Elbow	531.27	26.57
		For Galvanized Fittings, Add	*117.96*	
23 21 13 23-1608	EA	3", Ductile Iron, Grooved 90 Degree Long Radius Elbow	217.59	32.16
		For Galvanized Fittings, Add	*40.65*	
23 21 13 23-1609	EA	4", Ductile Iron, Grooved 90 Degree Long Radius Elbow	317.37	42.45
		For Galvanized Fittings, Add	*60.90*	
23 21 13 23-1610	EA	5", Ductile Iron, Grooved 90 Degree Long Radius Elbow	1,380.13	53.03
		For Galvanized Fittings, Add	*312.15*	
23 21 13 23-1611	EA	6", Ductile Iron, Grooved 90 Degree Long Radius Elbow	846.35	69.41
		For Galvanized Fittings, Add	*178.15*	
23 21 13 23-1612	EA	8", Ductile Iron, Grooved, 90 Degree Long Radius Elbow	1,904.41	82.60
		For Galvanized Fittings, Add	*427.33*	
23 21 13 23-1613	EA	10", Ductile Iron, Grooved 90 Degree Long Radius Elbow	3,836.34	96.38
		For Galvanized Fittings, Add	*886.04*	
23 21 13 23-1614	EA	12", Ductile Iron, Grooved 90 Degree Long Radius Elbow	4,575.93	115.66
		For Galvanized Fittings, Add	*1,056.60*	
23 21 13 23-1615		Grooved Tees, Wyes And Crosses *(23 21 13 23-1529)*		
23 21 13 23-1616		Grooved Tees *(23 21 13 23-1615)*		
		Note: Victaulic No. 20		
23 21 13 23-1617	EA	3/4", Ductile Iron, Grooved Tee	134.70	14.28
		For Galvanized Fittings, Add	*33.97*	
23 21 13 23-1618	EA	1", Ductile Iron, Grooved Tee	137.94	16.48
		For Galvanized Fittings, Add	*33.97*	
23 21 13 23-1619	EA	1-1/4", Ductile Iron, Grooved Tee	143.45	20.18
		For Galvanized Fittings, Add	*33.97*	
23 21 13 23-1620	EA	1-1/2", Ductile Iron, Grooved Tee	150.31	24.77
		For Galvanized Fittings, Add	*33.97*	
23 21 13 23-1621	EA	2", Ductile Iron, Grooved Tee	161.23	32.06
		For Galvanized Fittings, Add	*33.97*	
23 21 13 23-1622	EA	2-1/2", Ductile Iron, Grooved Tee	172.12	39.26
		For Galvanized Fittings, Add	*33.97*	
23 21 13 23-1623	EA	3", Ductile Iron, Grooved Tee	230.89	48.24
		For Galvanized Fittings, Add	*47.58*	
23 21 13 23-1624	EA	4", Ductile Iron, Grooved Tee	336.83	62.43
		For Galvanized Fittings, Add	*72.98*	
23 21 13 23-1625	EA	5", Ductile Iron, Grooved Tee	693.12	81.60
		For Galvanized Fittings, Add	*171.23*	
23 21 13 23-1626	EA	6", Ductile Iron, Grooved Tee	812.67	102.08
		For Galvanized Fittings, Add	*197.90*	
23 21 13 23-1627	EA	8", Ductile Iron, Grooved Tee	1,626.77	123.95
		For Galvanized Fittings, Add	*432.30*	
23 21 13 23-1628	EA	10", Ductile Iron, Grooved Tee	2,789.94	144.53
		For Galvanized Fittings, Add	*771.96*	
23 21 13 23-1629	EA	12", Ductile Iron, Grooved Tee	3,862.57	173.49
		For Galvanized Fittings, Add	*1,080.74*	
23 21 13 23-1630	EA	14", Steel, Grooved Tee	4,218.97	192.77
		For Galvanized Fittings, Add	*1,178.99*	
23 21 13 23-1631	EA	16", Steel, Grooved Tee	5,296.68	193.86
		For Galvanized Fittings, Add	*1,501.81*	
23 21 13 23-1632	EA	18", Steel, Grooved Tee	6,589.81	213.84
		For Galvanized Fittings, Add	*1,880.77*	
23 21 13 23-1633	EA	20", Steel, Grooved Tee	9,308.41	217.24
		For Galvanized Fittings, Add	*2,694.83*	
23 21 13 23-1634	EA	24", Steel, Grooved Tee	14,201.82	266.88
		For Galvanized Fittings, Add	*4,140.50*	
23 21 13 23-1635		Grooved Wyes (90 Degree True Wye) *(23 21 13 23-1615)*		
		Note: Victaulic No. 33		
23 21 13 23-1636	EA	1", Steel, Grooved Wye	502.43	16.48
		For Galvanized Fittings, Add	*76.43*	
23 21 13 23-1637	EA	1-1/4", Steel, Grooved Wye	507.94	20.18
		For Galvanized Fittings, Add	*76.43*	
23 21 13 23-1638	EA	1-1/2", Steel, Grooved Wye	514.80	24.77
		For Galvanized Fittings, Add	*76.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1639	EA	2", Steel, Grooved Wye	525.72	32.06
		For Galvanized Fittings, Add	*76.43*	
23 21 13 23-1640	EA	2-1/2", Steel, Grooved Wye	536.61	39.26
		For Galvanized Fittings, Add	*76.43*	
23 21 13 23-1641	EA	3", Steel, Grooved Wye	643.32	48.24
		For Galvanized Fittings, Add	*91.36*	
23 21 13 23-1642	EA	4", Steel, Grooved Wye	841.49	62.43
		For Galvanized Fittings, Add	*119.67*	
23 21 13 23-1643	EA	5", Steel, Grooved Wye	1,194.41	81.60
		For Galvanized Fittings, Add	*171.53*	
23 21 13 23-1644	EA	6", Steel, Grooved Wye	1,479.46	102.08
		For Galvanized Fittings, Add	*212.23*	
23 21 13 23-1645	EA	8", Steel, Grooved Wye	2,096.24	123.95
		For Galvanized Fittings, Add	*305.67*	
23 21 13 23-1646	EA	10", Steel, Grooved Wye	3,514.18	144.53
		For Galvanized Fittings, Add	*527.59*	
23 21 13 23-1647	EA	12", Steel, Grooved Wye	3,902.99	173.49
		For Galvanized Fittings, Add	*582.86*	
23 21 13 23-1648	EA	14", Steel, Grooved Wye	4,448.78	192.77
		For Galvanized Fittings, Add	*665.56*	
23 21 13 23-1649	EA	16", Steel, Grooved Wye	5,693.37	193.66
		For Galvanized Fittings, Add	*864.48*	
23 21 13 23-1650	EA	18", Steel, Grooved Wye	6,501.35	214.04
		For Galvanized Fittings, Add	*988.86*	
23 21 13 23-1651	EA	20", Steel, Grooved Wye	9,288.82	216.83
		For Galvanized Fittings, Add	*1,434.19*	
23 21 13 23-1652	EA	24", Steel, Grooved Wye	14,336.19	266.88
		For Galvanized Fittings, Add	*2,229.76*	

23 21 13 23-1653 Grooved Crosses *(23 21 13 23-1615)*

Note: Victaulic No. 35

23 21 13 23-1654	EA	3/4", Steel, Grooved Cross	341.49	21.48
		For Galvanized Fittings, Add	*46.39*	
23 21 13 23-1655	EA	1", Steel, Grooved Cross	346.37	24.77
		For Galvanized Fittings, Add	*46.39*	
23 21 13 23-1656	EA	1-1/4", Steel, Grooved Cross	418.61	30.27
		For Galvanized Fittings, Add	*55.99*	
23 21 13 23-1657	EA	1-1/2", Steel, Grooved Cross	457.86	37.15
		For Galvanized Fittings, Add	*60.33*	
23 21 13 23-1658	EA	2", Steel, Grooved Cross	299.31	48.05
		For Galvanized Fittings, Add	*34.10*	
23 21 13 23-1659	EA	2-1/2", Steel, Grooved Cross	315.67	58.93
		For Galvanized Fittings, Add	*34.10*	
23 21 13 23-1660	EA	3", Steel, Grooved Cross	516.91	72.32
		For Galvanized Fittings, Add	*61.27*	
23 21 13 23-1661	EA	4", Steel, Grooved Cross	820.29	93.59
		For Galvanized Fittings, Add	*101.99*	
23 21 13 23-1662	EA	5", Steel, Grooved Cross	1,572.59	122.36
		For Galvanized Fittings, Add	*208.36*	
23 21 13 23-1663	EA	6", Steel, Grooved Cross	2,016.70	153.12
		For Galvanized Fittings, Add	*268.08*	
23 21 13 23-1664	EA	8", Steel, Grooved Cross	2,632.42	185.87
		For Galvanized Fittings, Add	*353.06*	
23 21 13 23-1665	EA	10", Steel, Grooved Cross	4,339.56	216.83
		For Galvanized Fittings, Add	*602.16*	
23 21 13 23-1666	EA	12", Steel, Grooved Cross	6,183.29	260.28
		For Galvanized Fittings, Add	*868.97*	
23 21 13 23-1667	EA	14", Steel, Grooved Cross	6,435.49	289.15
		For Galvanized Fittings, Add	*900.30*	
23 21 13 23-1668	EA	16", Steel, Grooved Cross	8,287.57	290.84
		For Galvanized Fittings, Add	*1,177.74*	
23 21 13 23-1669	EA	18", Steel, Grooved Cross	10,105.01	320.71
		For Galvanized Fittings, Add	*1,443.63*	
23 21 13 23-1670	EA	20", Steel, Grooved Cross	14,123.10	325.71
		For Galvanized Fittings, Add	*2,045.21*	
23 21 13 23-1671	EA	24", Steel, Grooved Cross	21,649.25	400.32
		For Galvanized Fittings, Add	*3,157.35*	

23 21 13 23-1672 Grooved Reducing Tees *(23 21 13 23-1615)*

Note: Victaulic No. 25

23 21 13 23-1673	EA	1", Steel, Grooved Reducing Tee	243.18	16.48
		For Galvanized Fittings, Add	*43.69*	
23 21 13 23-1674	EA	1-1/4", Steel, Grooved Reducing Tee	255.55	20.18
		For Galvanized Fittings, Add	*45.06*	
23 21 13 23-1675	EA	1-1/2", Steel, Grooved Reducing Tee	268.02	24.77
		For Galvanized Fittings, Add	*46.19*	
23 21 13 23-1676	EA	2", Steel, Grooved Reducing Tee	318.37	32.06
		For Galvanized Fittings, Add	*54.07*	
23 21 13 23-1677	EA	2-1/2", Steel, Grooved Reducing Tee	357.08	39.26
		For Galvanized Fittings, Add	*59.64*	
23 21 13 23-1678	EA	3", Steel, Grooved Reducing Tee	398.66	48.24
		For Galvanized Fittings, Add	*65.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1679	EA	4", Steel, Grooved Reducing Tee	533.71	62.43
		For Galvanized Fittings, Add	*88.03*	
23 21 13 23-1680	EA	5", Steel, Grooved Reducing Tee	703.54	81.60
		For Galvanized Fittings, Add	*116.24*	
23 21 13 23-1681	EA	6", Steel, Grooved Reducing Tee	970.60	102.08
		For Galvanized Fittings, Add	*163.52*	
23 21 13 23-1682	EA	8", Steel, Grooved Reducing Tee	1,534.82	123.95
		For Galvanized Fittings, Add	*269.81*	
23 21 13 23-1683	EA	10", Steel, Grooved Reducing Tee	2,205.51	144.53
		For Galvanized Fittings, Add	*397.75*	
23 21 13 23-1684	EA	12", Steel, Grooved Reducing Tee	3,193.85	173.49
		For Galvanized Fittings, Add	*586.75*	
23 21 13 23-1685	EA	14", Steel, Grooved Reducing Tee	3,621.11	192.77
		For Galvanized Fittings, Add	*666.42*	
23 21 13 23-1686	EA	16", Steel, Grooved Reducing Tee	4,619.01	193.86
		For Galvanized Fittings, Add	*865.67*	
23 21 13 23-1687	EA	18", Steel, Grooved Reducing Tee	5,619.50	213.84
		For Galvanized Fittings, Add	*1,059.79*	
23 21 13 23-1688	EA	20", Steel, Grooved Reducing Tee	7,904.02	217.14
		For Galvanized Fittings, Add	*1,515.69*	
23 21 13 23-1689	EA	24", Steel, Grooved Reducing Tee	12,607.51	266.88
		For Galvanized Fittings, Add	*2,441.47*	

23 21 13 23-1690 Grooved 45 Degree Lateral Wyes *(23 21 13 23-1615)*

Note: Victaulic No. 30

23 21 13 23-1691	EA	3/4", Steel, Grooved, 45 Degree Lateral Wye	473.87	14.28
		For Galvanized Fittings, Add	*81.43*	
23 21 13 23-1692	EA	1", Steel, Grooved, 45 Degree Lateral Wye	477.11	16.48
		For Galvanized Fittings, Add	*81.43*	
23 21 13 23-1693	EA	1-1/4", Steel, Grooved, 45 Degree Lateral Wye	482.62	20.18
		For Galvanized Fittings, Add	*81.43*	
23 21 13 23-1694	EA	1-1/2", Steel, Grooved, 45 Degree Lateral Wye	489.48	24.77
		For Galvanized Fittings, Add	*81.43*	
23 21 13 23-1695	EA	2", Steel, Grooved, 45 Degree Lateral Wye	500.40	32.06
		For Galvanized Fittings, Add	*81.43*	
23 21 13 23-1696	EA	2-1/2", Steel, Grooved, 45 Degree Lateral Wye	511.29	39.26
		For Galvanized Fittings, Add	*81.43*	
23 21 13 23-1697	EA	3", Steel, Grooved, 45 Degree Lateral Wye	463.12	48.24
		For Galvanized Fittings, Add	*70.35*	
23 21 13 23-1698	EA	3-1/2", Steel, Grooved, 45 Degree Lateral Wye	745.49	55.63
		For Galvanized Fittings, Add	*119.19*	
23 21 13 23-1699	EA	4", Steel, Grooved, 45 Degree Lateral Wye	864.32	62.43
		For Galvanized Fittings, Add	*138.74*	
23 21 13 23-1700	EA	5", Steel, Grooved, 45 Degree Lateral Wye	1,248.79	81.60
		For Galvanized Fittings, Add	*202.76*	
23 21 13 23-1701	EA	6", Steel, Grooved, 45 Degree Lateral Wye	1,967.91	102.08
		For Galvanized Fittings, Add	*326.68*	
23 21 13 23-1702	EA	8", Steel, Grooved, 45 Degree Lateral Wye	2,799.92	123.95
		For Galvanized Fittings, Add	*470.55*	
23 21 13 23-1703	EA	10", Steel, Grooved, 45 Degree Lateral Wye	3,906.55	144.53
		For Galvanized Fittings, Add	*664.16*	
23 21 13 23-1704	EA	12", Steel, Grooved, 45 Degree Lateral Wye	4,721.23	173.49
		For Galvanized Fittings, Add	*803.00*	
23 21 13 23-1705	EA	14", Steel, Grooved, 45 Degree Lateral Wye	6,800.31	192.77
		For Galvanized Fittings, Add	*1,172.04*	
23 21 13 23-1706	EA	16", Steel, Grooved, 45 Degree Lateral Wye	8,425.06	193.86
		For Galvanized Fittings, Add	*1,464.19*	
23 21 13 23-1707	EA	18", Steel, Grooved, 45 Degree Lateral Wye	9,413.78	213.84
		For Galvanized Fittings, Add	*1,636.79*	
23 21 13 23-1708	EA	20", Steel, Grooved, 45 Degree Lateral Wye	14,118.49	217.14
		For Galvanized Fittings, Add	*2,482.73*	
23 21 13 23-1709	EA	24", Steel, Grooved, 45 Degree Lateral Wye	21,833.35	266.88
		For Galvanized Fittings, Add	*3,857.97*	

23 21 13 23-1710 Grooved 45 Degree Lateral Reducing Wyes *(23 21 13 23-1615)*

Note: Victaulic No. 30R

23 21 13 23-1711	EA	3", Steel, Grooved 45 Degree Lateral Reducing Wye	463.12	48.24
		For Galvanized Fittings, Add	*50.81*	
23 21 13 23-1712	EA	4", Steel, Grooved 45 Degree Lateral Reducing Wye	864.32	62.43
		For Galvanized Fittings, Add	*100.20*	
23 21 13 23-1713	EA	5", Steel, Grooved 45 Degree Lateral Reducing Wye	1,248.79	81.60
		For Galvanized Fittings, Add	*146.44*	
23 21 13 23-1714	EA	6", Steel, Grooved 45 Degree Lateral Reducing Wye	1,608.37	102.08
		For Galvanized Fittings, Add	*189.20*	
23 21 13 23-1715	EA	8", Steel, Grooved 45 Degree Lateral Reducing Wye	2,286.75	123.95
		For Galvanized Fittings, Add	*273.13*	
23 21 13 23-1716	EA	10", Steel, Grooved 45 Degree Lateral Reducing Wye	2,789.84	144.53
		For Galvanized Fittings, Add	*334.50*	
23 21 13 23-1717	EA	12", Steel, Grooved 45 Degree Lateral Reducing Wye	3,387.04	173.49
		For Galvanized Fittings, Add	*406.50*	
23 21 13 23-1718	EA	14", Steel, Grooved 45 Degree Lateral Reducing Wye	3,791.96	192.77
		For Galvanized Fittings, Add	*455.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1719	EA	16", Steel, Grooved 45 Degree Lateral Reducing Wye	4,818.57	193.86
		For Galvanized Fittings, Add	*588.63*	
23 21 13 23-1720	EA	18", Steel, Grooved 45 Degree Lateral Reducing Wye	7,273.12	213.84
		For Galvanized Fittings, Add	*903.84*	
23 21 13 23-1721	EA	20", Steel, Grooved 45 Degree Lateral Reducing Wye	10,502.32	217.14
		For Galvanized Fittings, Add	*1,322.98*	
23 21 13 23-1722	EA	24", Steel, Grooved 45 Degree Lateral Reducing Wye	16,876.74	266.88
		For Galvanized Fittings, Add	*2,141.96*	

23 21 13 23-1723 Mechanical-T Outlet *(23 21 13 23-1615)*

Note: Includes making opening in pipe. Grooved or treaded branch outlets. Victaulic Styles 920 or 921.

23 21 13 23-1724	EA	2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	147.14	35.96
		For Galvanized Fittings, Add	*18.66*	
23 21 13 23-1725	EA	2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	147.14	35.96
		For Galvanized Fittings, Add	*18.66*	
23 21 13 23-1726	EA	2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	158.89	35.96
		For Galvanized Fittings, Add	*21.57*	
23 21 13 23-1727	EA	2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	158.89	35.96
23 21 13 23-1728	EA	2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	156.13	40.45
23 21 13 23-1729	EA	2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	156.13	40.45
23 21 13 23-1730	EA	2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	187.14	40.45
23 21 13 23-1731	EA	3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	176.52	44.94
23 21 13 23-1732	EA	3" x 1" Mechanical-T Outlet With Threaded Branch Outlet	176.52	44.94
23 21 13 23-1733	EA	3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	201.49	44.94
23 21 13 23-1734	EA	3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	201.49	44.94
23 21 13 23-1735	EA	3" x 2" Mechanical-T Outlet With Threaded Branch Outlet	218.59	44.94
23 21 13 23-1736	EA	4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	230.32	59.93
23 21 13 23-1737	EA	4" x 1" Mechanical-T Outlet With Threaded Branch Outlet	230.32	59.93
23 21 13 23-1738	EA	4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	249.81	59.93
23 21 13 23-1739	EA	4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	255.28	59.93
23 21 13 23-1740	EA	4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	255.28	59.93
23 21 13 23-1741	EA	4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	260.75	59.93
23 21 13 23-1742	EA	4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	271.24	59.93
23 21 13 23-1743	EA	5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	331.11	82.40
23 21 13 23-1744	EA	5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	331.11	82.40
23 21 13 23-1745	EA	5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	340.58	82.40
23 21 13 23-1746	EA	5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	352.43	82.40
23 21 13 23-1747	EA	6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	379.94	104.87
23 21 13 23-1748	EA	6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	379.94	104.87
23 21 13 23-1749	EA	6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	393.85	104.87
23 21 13 23-1750	EA	6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	405.59	104.87
23 21 13 23-1751	EA	6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	426.45	104.87
23 21 13 23-1752	EA	8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	578.83	138.83
23 21 13 23-1753	EA	8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	578.83	138.83
23 21 13 23-1754	EA	8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	595.58	138.83
23 21 13 23-1755	EA	8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	605.50	138.83

23 21 13 23-1756 Installation-Ready™ Grooved Fittings *(23 21 13 23-1529)*

23 21 13 23-1757 Installation-Ready™ 90 Degree Grooved Elbows *(23 21 13 23-1756)*

Note: Victaulic No. 101

23 21 13 23-1758	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	251.70	9.89
		For Galvanized Fittings, Add	*78.12*	
		For Galvanized Fittings, Add	*60.60*	
23 21 13 23-1759	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	261.66	11.86
		For Galvanized Fittings, Add	*80.41*	
		For Galvanized Fittings, Add	*62.38*	
23 21 13 23-1760	EA	2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	269.39	15.82
		For Galvanized Fittings, Add	*80.99*	
		For Galvanized Fittings, Add	*62.83*	
23 21 13 23-1761	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	325.86	19.77
		For Galvanized Fittings, Add	*97.65*	
		For Galvanized Fittings, Add	*75.75*	

23 21 13 23-1762 Installation-Ready™ 45 Degree Grooved Elbows *(23 21 13 23-1756)*

Note: Victaulic No. 103

23 21 13 23-1763	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	251.70	9.89
		For Galvanized Fittings, Add	*56.81*	
		For Galvanized Fittings, Add	*60.60*	
23 21 13 23-1764	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	261.66	11.86
		For Galvanized Fittings, Add	*58.48*	
		For Galvanized Fittings, Add	*62.38*	
23 21 13 23-1765	EA	2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	269.39	15.82
		For Galvanized Fittings, Add	*58.90*	
		For Galvanized Fittings, Add	*62.83*	
23 21 13 23-1766	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	325.86	19.77
		For Galvanized Fittings, Add	*71.02*	
		For Galvanized Fittings, Add	*75.75*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1767		**Installation-Ready™ Grooved Tees** *(23 21 13 23-1756)* Note: Victaulic No. 102		
23 21 13 23-1768	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ Tee	385.51	13.18
		For Galvanized Fittings, Add	*109.66*	
		For Galvanized Fittings, Add	*93.58*	
23 21 13 23-1769	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	401.68	15.82
		For Galvanized Fittings, Add	*113.31*	
		For Galvanized Fittings, Add	*96.69*	
23 21 13 23-1770	EA	2" Ductile Iron, Grooved, Installation-Ready™ Tee	414.89	21.09
		For Galvanized Fittings, Add	*114.88*	
		For Galvanized Fittings, Add	*98.03*	
23 21 13 23-1771	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	482.06	26.37
		For Galvanized Fittings, Add	*132.63*	
		For Galvanized Fittings, Add	*113.18*	
23 21 13 23-1772		**Grooved Fittings** *(23 21 13 23-1529)*		
23 21 13 23-1773		**Flanged Adapter Nipple, Grooved** *(23 21 13 23-1772)* Note: Victaulic No. 41 and 45		
23 21 13 23-1774	EA	1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	336.36	11.98
		For Galvanized Fittings, Add	*57.31*	
		For 300 LB Rating, Add	*47.76*	
23 21 13 23-1775	EA	1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	338.36	13.28
		For Galvanized Fittings, Add	*57.31*	
		For 300 LB Rating, Add	*47.76*	
23 21 13 23-1776	EA	1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	343.36	16.68
		For Galvanized Fittings, Add	*57.31*	
		For 300 LB Rating, Add	*47.76*	
23 21 13 23-1777	EA	2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	353.86	23.67
		For Galvanized Fittings, Add	*57.31*	
		For 300 LB Rating, Add	*47.76*	
23 21 13 23-1778	EA	2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	361.37	28.66
		For Galvanized Fittings, Add	*57.31*	
		For 300 LB Rating, Add	*47.76*	
23 21 13 23-1779	EA	3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	458.68	34.26
		For Galvanized Fittings, Add	*73.33*	
		For 300 LB Rating, Add	*61.11*	
23 21 13 23-1780	EA	4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	554.99	46.14
		For Galvanized Fittings, Add	*87.45*	
		For 300 LB Rating, Add	*72.88*	
23 21 13 23-1781	EA	5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	777.94	55.84
		For Galvanized Fittings, Add	*124.96*	
		For 300 LB Rating, Add	*104.14*	
23 21 13 23-1782	EA	6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	905.17	75.41
		For Galvanized Fittings, Add	*142.58*	
		For 300 LB Rating, Add	*118.81*	
23 21 13 23-1783	EA	8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,246.34	102.08
		For Galvanized Fittings, Add	*196.80*	
		For 300 LB Rating, Add	*164.00*	
23 21 13 23-1784	EA	10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,969.96	123.95
		For Galvanized Fittings, Add	*321.15*	
		For 300 LB Rating, Add	*267.63*	
23 21 13 23-1785	EA	12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	2,656.28	144.53
		For Galvanized Fittings, Add	*439.12*	
		For 300 LB Rating, Add	*365.93*	
23 21 13 23-1786	EA	14" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	3,136.97	173.49
		For Galvanized Fittings, Add	*517.84*	
		For 300 LB Rating, Add	*431.53*	
23 21 13 23-1787	EA	16" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	4,719.43	192.77
		For Galvanized Fittings, Add	*797.48*	
		For 300 LB Rating, Add	*664.56*	
23 21 13 23-1788	EA	18" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	5,637.40	289.15
		For Galvanized Fittings, Add	*936.70*	
		For 300 LB Rating, Add	*780.59*	
23 21 13 23-1789	EA	20" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	5,944.36	346.98
		For Galvanized Fittings, Add	*976.35*	
		For 300 LB Rating, Add	*813.62*	
23 21 13 23-1790	EA	24" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	9,935.35	385.53
		For Galvanized Fittings, Add	*1,684.32*	
		For 300 LB Rating, Add	*1,403.60*	
23 21 13 23-1791		**Grooved Concentric Reducers** *(23 21 13 23-1772)* Note: Victaulic No. 50		
23 21 13 23-1792	EA	1-1/4" x 3/4", Grooved Concentric Reducer	357.56	11.98
		For Galvanized Fittings, Add	*14.94*	
23 21 13 23-1793	EA	1-1/4" x 1", Grooved Concentric Reducer	373.87	12.69
		For Galvanized Fittings, Add	*15.62*	
23 21 13 23-1794	EA	1-1/2" x 3/4", Grooved Concentric Reducer	421.29	13.69
		For Galvanized Fittings, Add	*48.18*	
23 21 13 23-1795	EA	1-1/2" x 1", Grooved Concentric Reducer	107.31	14.28
		For Galvanized Fittings, Add	*10.32*	
23 21 13 23-1796	EA	1-1/2" x 1-1/4", Grooved Concentric Reducer	354.69	14.98
		For Galvanized Fittings, Add	*39.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1797	EA	2" x 3/4", Grooved Concentric Reducer	110.30	16.28
		For Galvanized Fittings, Add	*10.32*	
23 21 13 23-1798	EA	2" x 1", Grooved Concentric Reducer	111.30	16.98
		For Galvanized Fittings, Add	*10.32*	
23 21 13 23-1799	EA	2" x 1-1/4", Grooved Concentric Reducer	120.92	17.68
		For Galvanized Fittings, Add	*11.35*	
23 21 13 23-1800	EA	2" x 1-1/2", Grooved Concentric Reducer	115.35	19.67
		For Galvanized Fittings, Add	*10.32*	
23 21 13 23-1801	EA	2-1/2" x 3/4", Grooved Concentric Reducer	726.11	18.37
		For Galvanized Fittings, Add	*83.97*	
23 21 13 23-1802	EA	2-1/2" x 1", Grooved Concentric Reducer	576.51	19.08
		For Galvanized Fittings, Add	*65.87*	
23 21 13 23-1803	EA	2-1/2" x 1-1/4", Grooved Concentric Reducer	525.57	19.67
		For Galvanized Fittings, Add	*59.63*	
23 21 13 23-1804	EA	2-1/2" x 1-1/2", Grooved Concentric Reducer	118.28	21.67
		For Galvanized Fittings, Add	*10.32*	
23 21 13 23-1805	EA	2-1/2" x 2", Grooved Concentric Reducer	122.28	24.27
		For Galvanized Fittings, Add	*10.32*	
23 21 13 23-1806	EA	3" x 3/4", Grooved Concentric Reducer	735.08	21.38
		For Galvanized Fittings, Add	*106.87*	
23 21 13 23-1807	EA	3" x 1", Grooved Concentric Reducer	127.71	21.97
		For Galvanized Fittings, Add	*14.41*	
23 21 13 23-1808	EA	3" x 1-1/4", Grooved Concentric Reducer	578.50	22.68
		For Galvanized Fittings, Add	*82.77*	
23 21 13 23-1809	EA	3" x 1-1/2", Grooved Concentric Reducer	542.47	24.27
		For Galvanized Fittings, Add	*76.92*	
23 21 13 23-1810	EA	3" x 2", Grooved Concentric Reducer	115.74	26.97
		For Galvanized Fittings, Add	*11.44*	
23 21 13 23-1811	EA	3" x 2-1/2", Grooved Concentric Reducer	151.94	32.16
		For Galvanized Fittings, Add	*15.77*	
23 21 13 23-1812	EA	3-1/2" x 3", Grooved Concentric Reducer	162.49	34.66
		For Galvanized Fittings, Add	*16.80*	
23 21 13 23-1813	EA	4" x 1", Grooved Concentric Reducer	154.90	27.26
		For Galvanized Fittings, Add	*19.54*	
23 21 13 23-1814	EA	4" x 1-1/4", Grooved Concentric Reducer	942.77	27.97
		For Galvanized Fittings, Add	*154.49*	
23 21 13 23-1815	EA	4" x 1-1/2", Grooved Concentric Reducer	733.14	29.66
		For Galvanized Fittings, Add	*118.11*	
23 21 13 23-1816	EA	4" x 2", Grooved Concentric Reducer	148.68	32.36
		For Galvanized Fittings, Add	*17.19*	
23 21 13 23-1817	EA	4" x 2-1/2", Grooved Concentric Reducer	177.58	34.66
		For Galvanized Fittings, Add	*21.55*	
23 21 13 23-1818	EA	4" x 3", Grooved Concentric Reducer	181.57	37.35
		For Galvanized Fittings, Add	*21.55*	
23 21 13 23-1819	EA	4" x 3-1/2", Grooved Concentric Reducer	185.57	39.95
		For Galvanized Fittings, Add	*21.55*	
23 21 13 23-1820	EA	5" x 2", Grooved Concentric Reducer	1,324.17	37.65
		For Galvanized Fittings, Add	*217.42*	
23 21 13 23-1821	EA	5" x 2-1/2", Grooved Concentric Reducer	1,043.53	39.95
		For Galvanized Fittings, Add	*168.69*	
23 21 13 23-1822	EA	5" x 3", Grooved Concentric Reducer	210.99	42.65
		For Galvanized Fittings, Add	*25.22*	
23 21 13 23-1823	EA	5" x 4", Grooved Concentric Reducer	247.55	47.94
		For Galvanized Fittings, Add	*30.12*	
23 21 13 23-1824	EA	6" x 1", Grooved Concentric Reducer	294.51	40.65
		For Galvanized Fittings, Add	*43.58*	
23 21 13 23-1825	EA	6" x 1-1/2", Grooved Concentric Reducer	1,397.34	42.95
		For Galvanized Fittings, Add	*248.72*	
23 21 13 23-1826	EA	6" x 2", Grooved Concentric Reducer	301.98	45.65
		For Galvanized Fittings, Add	*43.58*	
23 21 13 23-1827	EA	6" x 2-1/2", Grooved Concentric Reducer	1,412.44	47.94
		For Galvanized Fittings, Add	*250.14*	
23 21 13 23-1828	EA	6" x 3", Grooved Concentric Reducer	309.49	50.64
		For Galvanized Fittings, Add	*43.58*	
23 21 13 23-1829	EA	6" x 4", Grooved Concentric Reducer	287.32	55.94
		For Galvanized Fittings, Add	*37.96*	
23 21 13 23-1830	EA	6" x 5", Grooved Concentric Reducer	392.82	61.33
		For Galvanized Fittings, Add	*56.15*	
23 21 13 23-1831	EA	8" x 3", Grooved Concentric Reducer	503.25	57.33
		For Galvanized Fittings, Add	*77.88*	
23 21 13 23-1832	EA	8" x 4", Grooved Concentric Reducer	511.23	62.62
		For Galvanized Fittings, Add	*77.88*	
23 21 13 23-1833	EA	8" x 5", Grooved Concentric Reducer	519.24	67.92
		For Galvanized Fittings, Add	*77.88*	
23 21 13 23-1834	EA	8" x 6", Grooved Concentric Reducer	646.08	75.90
		For Galvanized Fittings, Add	*99.31*	
23 21 13 23-1835	EA	10" x 4", Grooved Concentric Reducer	1,098.07	69.61
		For Galvanized Fittings, Add	*185.42*	
23 21 13 23-1836	EA	10" x 5", Grooved Concentric Reducer	2,302.81	74.91
		For Galvanized Fittings, Add	*408.73*	
23 21 13 23-1837	EA	10" x 6", Grooved Concentric Reducer	1,211.00	82.90
		For Galvanized Fittings, Add	*202.77*	
23 21 13 23-1838	EA	10" x 8", Grooved Concentric Reducer	1,220.97	89.59
		For Galvanized Fittings, Add	*202.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1839	EA	12" x 4", Grooved Concentric Reducer	3,408.29	79.30
		For Galvanized Fittings, Add	*493.42*	
23 21 13 23-1840	EA	12" x 6", Grooved Concentric Reducer	1,434.86	92.58
		For Galvanized Fittings, Add	*194.41*	
23 21 13 23-1841	EA	12" x 8", Grooved Concentric Reducer	2,095.68	99.28
		For Galvanized Fittings, Add	*292.03*	
23 21 13 23-1842	EA	12" x 10", Grooved Concentric Reducer	2,106.23	106.27
		For Galvanized Fittings, Add	*292.03*	
23 21 13 23-1843	EA	14" x 6", Grooved Concentric Reducer	6,755.37	99.78
		For Galvanized Fittings, Add	*202.80*	
23 21 13 23-1844	EA	14" x 8", Grooved Concentric Reducer	4,036.99	106.47
		For Galvanized Fittings, Add	*119.03*	
23 21 13 23-1845	EA	14" x 10", Grooved Concentric Reducer	3,443.89	113.47
		For Galvanized Fittings, Add	*100.51*	
23 21 13 23-1846	EA	14" x 12", Grooved Concentric Reducer	3,458.35	123.05
		For Galvanized Fittings, Add	*100.51*	
23 21 13 23-1847	EA	16" x 8", Grooved Concentric Reducer	6,144.31	113.56
		For Galvanized Fittings, Add	*183.40*	
23 21 13 23-1848	EA	16" x 10", Grooved Concentric Reducer	5,704.11	120.55
		For Galvanized Fittings, Add	*169.57*	
23 21 13 23-1849	EA	16" x 12", Grooved Concentric Reducer	5,276.79	130.24
		For Galvanized Fittings, Add	*156.00*	
23 21 13 23-1850	EA	16" x 14", Grooved Concentric Reducer	5,287.58	137.43
		For Galvanized Fittings, Add	*156.00*	
23 21 13 23-1851	EA	18" x 10", Grooved Concentric Reducer	7,990.08	127.24
		For Galvanized Fittings, Add	*239.44*	
23 21 13 23-1852	EA	18" x 12", Grooved Concentric Reducer	7,237.47	136.83
		For Galvanized Fittings, Add	*215.89*	
23 21 13 23-1853	EA	18" x 14", Grooved Concentric Reducer	6,582.29	144.03
		For Galvanized Fittings, Add	*195.45*	
23 21 13 23-1854	EA	18" x 16", Grooved Concentric Reducer	6,593.08	151.31
		For Galvanized Fittings, Add	*195.45*	
23 21 13 23-1855	EA	20" x 10", Grooved Concentric Reducer	8,793.12	130.54
		For Galvanized Fittings, Add	*263.94*	
23 21 13 23-1856	EA	20" x 12", Grooved Concentric Reducer	7,540.11	140.23
		For Galvanized Fittings, Add	*225.03*	
23 21 13 23-1857	EA	20" x 14", Grooved Concentric Reducer	7,550.90	147.42
		For Galvanized Fittings, Add	*225.03*	
23 21 13 23-1858	EA	20" x 16", Grooved Concentric Reducer	6,734.55	154.52
		For Galvanized Fittings, Add	*199.64*	
23 21 13 23-1859	EA	20" x 18", Grooved Concentric Reducer	7,176.29	161.20
		For Galvanized Fittings, Add	*212.89*	
23 21 13 23-1860	EA	24" x 10", Grooved Concentric Reducer	19,375.87	145.22
		For Galvanized Fittings, Add	*588.16*	
23 21 13 23-1861	EA	24" x 12", Grooved Concentric Reducer	18,927.75	154.91
		For Galvanized Fittings, Add	*573.95*	
23 21 13 23-1862	EA	24" x 14", Grooved Concentric Reducer	16,497.25	162.01
		For Galvanized Fittings, Add	*499.01*	
23 21 13 23-1863	EA	24" x 16", Grooved Concentric Reducer	16,508.10	169.29
		For Galvanized Fittings, Add	*499.01*	
23 21 13 23-1864	EA	24" x 18", Grooved Concentric Reducer	14,137.68	175.88
		For Galvanized Fittings, Add	*425.93*	
23 21 13 23-1865	EA	24" x 20", Grooved Concentric Reducer	12,913.84	179.28
		For Galvanized Fittings, Add	*388.20*	

23 21 13 23-1866 Grooved Eccentric Reducers *(23 21 13 23-1772)*

Note: Victaulic No. 51

23 21 13 23-1867	EA	1-1/2" x 3/4", Grooved Eccentric Reducer	435.12	13.69
		For Galvanized Fittings, Add	*49.84*	
23 21 13 23-1868	EA	1-1/2" x 1", Grooved Eccentric Reducer	395.75	14.28
		For Galvanized Fittings, Add	*44.99*	
23 21 13 23-1869	EA	1-1/2" x 1-1/4", Grooved Eccentric Reducer	388.59	14.98
		For Galvanized Fittings, Add	*44.01*	
23 21 13 23-1870	EA	2" x 3/4", Grooved Eccentric Reducer	830.16	16.28
		For Galvanized Fittings, Add	*96.84*	
23 21 13 23-1871	EA	2" x 1", Grooved Eccentric Reducer	438.75	16.98
		For Galvanized Fittings, Add	*49.68*	
23 21 13 23-1872	EA	2" x 1-1/4", Grooved Eccentric Reducer	479.54	17.68
		For Galvanized Fittings, Add	*54.46*	
23 21 13 23-1873	EA	2" x 1-1/2", Grooved Eccentric Reducer	408.78	19.67
		For Galvanized Fittings, Add	*45.59*	
23 21 13 23-1874	EA	2-1/2" x 3/4", Grooved Eccentric Reducer	1,079.29	18.37
		For Galvanized Fittings, Add	*126.42*	
23 21 13 23-1875	EA	2-1/2" x 1", Grooved Eccentric Reducer	1,008.38	19.08
		For Galvanized Fittings, Add	*117.78*	
23 21 13 23-1876	EA	2-1/2" x 1-1/4", Grooved Eccentric Reducer	598.59	19.67
		For Galvanized Fittings, Add	*68.40*	
23 21 13 23-1877	EA	2-1/2" x 1-1/2", Grooved Eccentric Reducer	483.37	21.67
		For Galvanized Fittings, Add	*54.20*	
23 21 13 23-1878	EA	2-1/2" x 2", Grooved Eccentric Reducer	218.09	24.27
		For Galvanized Fittings, Add	*21.83*	
23 21 13 23-1879	EA	3" x 1", Grooved Eccentric Reducer	1,083.97	21.97
		For Galvanized Fittings, Add	*126.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1880	EA	3" x 1-1/4", Grooved Eccentric Reducer	985.43	22.68
		For Galvanized Fittings, Add	*114.37*	
23 21 13 23-1881	EA	3" x 1-1/2", Grooved Eccentric Reducer	558.01	24.27
		For Galvanized Fittings, Add	*62.69*	
23 21 13 23-1882	EA	3" x 2", Grooved Eccentric Reducer	249.19	26.97
		For Galvanized Fittings, Add	*25.09*	
23 21 13 23-1883	EA	3" x 2-1/2", Grooved Eccentric Reducer	256.94	32.16
		For Galvanized Fittings, Add	*25.09*	
23 21 13 23-1884	EA	3-1/2" x 3", Grooved Eccentric Reducer	1,206.74	34.66
		For Galvanized Fittings, Add	*138.81*	
23 21 13 23-1885	EA	4" x 1", Grooved Eccentric Reducer	2,171.40	27.26
		For Galvanized Fittings, Add	*365.37*	
23 21 13 23-1886	EA	4" x 1-1/2", Grooved Eccentric Reducer	1,332.93	29.66
		For Galvanized Fittings, Add	*220.97*	
23 21 13 23-1887	EA	4" x 2", Grooved Eccentric Reducer	303.67	32.36
		For Galvanized Fittings, Add	*43.77*	
23 21 13 23-1888	EA	4" x 2-1/2", Grooved Eccentric Reducer	307.17	34.66
		For Galvanized Fittings, Add	*43.77*	
23 21 13 23-1889	EA	4" x 3", Grooved Eccentric Reducer	311.16	37.35
		For Galvanized Fittings, Add	*43.77*	
23 21 13 23-1890	EA	5" x 2", Grooved Eccentric Reducer	1,477.23	37.65
		For Galvanized Fittings, Add	*243.67*	
23 21 13 23-1891	EA	5" x 2-1/2", Grooved Eccentric Reducer	1,270.41	39.95
		For Galvanized Fittings, Add	*207.60*	
23 21 13 23-1892	EA	5" x 3", Grooved Eccentric Reducer	1,233.13	42.65
		For Galvanized Fittings, Add	*200.52*	
23 21 13 23-1893	EA	5" x 4", Grooved Eccentric Reducer	419.55	47.94
		For Galvanized Fittings, Add	*59.62*	
23 21 13 23-1894	EA	6" x 1", Grooved Eccentric Reducer	2,269.62	40.65
		For Galvanized Fittings, Add	*412.14*	
23 21 13 23-1895	EA	6" x 2", Grooved Eccentric Reducer	2,082.64	45.65
		For Galvanized Fittings, Add	*375.86*	
23 21 13 23-1896	EA	6" x 2-1/2", Grooved Eccentric Reducer	2,470.41	47.94
		For Galvanized Fittings, Add	*447.56*	
23 21 13 23-1897	EA	6" x 3", Grooved Eccentric Reducer	538.75	50.64
		For Galvanized Fittings, Add	*86.36*	
23 21 13 23-1898	EA	6" x 4", Grooved Eccentric Reducer	489.02	55.94
		For Galvanized Fittings, Add	*75.59*	
23 21 13 23-1899	EA	6" x 5", Grooved Eccentric Reducer	577.86	61.33
		For Galvanized Fittings, Add	*90.68*	
23 21 13 23-1900	EA	8" x 3", Grooved Eccentric Reducer	2,426.21	57.33
		For Galvanized Fittings, Add	*436.70*	
23 21 13 23-1901	EA	8" x 4", Grooved Eccentric Reducer	2,139.17	62.62
		For Galvanized Fittings, Add	*381.65*	
23 21 13 23-1902	EA	8" x 5", Grooved Eccentric Reducer	2,006.13	67.92
		For Galvanized Fittings, Add	*355.33*	
23 21 13 23-1903	EA	8" x 6", Grooved Eccentric Reducer	935.31	75.90
		For Galvanized Fittings, Add	*153.28*	
23 21 13 23-1904	EA	10" x 4", Grooved Eccentric Reducer	3,857.57	69.61
		For Galvanized Fittings, Add	*700.34*	
23 21 13 23-1905	EA	10" x 5", Grooved Eccentric Reducer	3,648.43	74.91
		For Galvanized Fittings, Add	*659.83*	
23 21 13 23-1906	EA	10" x 6", Grooved Eccentric Reducer	2,790.87	82.90
		For Galvanized Fittings, Add	*497.57*	
23 21 13 23-1907	EA	10" x 8", Grooved Eccentric Reducer	2,391.19	89.59
		For Galvanized Fittings, Add	*421.13*	
23 21 13 23-1908	EA	12" x 4", Grooved Eccentric Reducer	3,935.18	79.30
		For Galvanized Fittings, Add	*575.88*	
23 21 13 23-1909	EA	12" x 6", Grooved Eccentric Reducer	3,701.03	92.58
		For Galvanized Fittings, Add	*537.54*	
23 21 13 23-1910	EA	12" x 8", Grooved Eccentric Reducer	3,619.88	99.28
		For Galvanized Fittings, Add	*523.79*	
23 21 13 23-1911	EA	12" x 10", Grooved Eccentric Reducer	3,268.40	106.27
		For Galvanized Fittings, Add	*469.16*	
23 21 13 23-1912	EA	14" x 6", Grooved Eccentric Reducer	9,137.75	99.78
		For Galvanized Fittings, Add	*275.94*	
23 21 13 23-1913	EA	14" x 8", Grooved Eccentric Reducer	5,905.98	106.47
		For Galvanized Fittings, Add	*176.41*	
23 21 13 23-1914	EA	14" x 10", Grooved Eccentric Reducer	5,640.21	113.47
		For Galvanized Fittings, Add	*167.93*	
23 21 13 23-1915	EA	14" x 12", Grooved Eccentric Reducer	5,654.67	123.05
		For Galvanized Fittings, Add	*167.93*	
23 21 13 23-1916	EA	16" x 8", Grooved Eccentric Reducer	10,096.59	113.56
		For Galvanized Fittings, Add	*304.74*	
23 21 13 23-1917	EA	16" x 10", Grooved Eccentric Reducer	9,353.43	120.55
		For Galvanized Fittings, Add	*281.60*	
23 21 13 23-1918	EA	16" x 12", Grooved Eccentric Reducer	8,814.20	130.24
		For Galvanized Fittings, Add	*264.60*	
23 21 13 23-1919	EA	16" x 14", Grooved Eccentric Reducer	8,824.99	137.43
		For Galvanized Fittings, Add	*264.60*	
23 21 13 23-1920	EA	18" x 10", Grooved Eccentric Reducer	12,666.41	127.24
		For Galvanized Fittings, Add	*383.00*	
23 21 13 23-1921	EA	18" x 12", Grooved Eccentric Reducer	11,919.81	136.83
		For Galvanized Fittings, Add	*359.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1922	EA	18" x 14", Grooved Eccentric Reducer	10,859.30	144.03
		For Galvanized Fittings, Add	*326.75*	
23 21 13 23-1923	EA	18" x 16", Grooved Eccentric Reducer	10,870.09	151.31
		For Galvanized Fittings, Add	*326.75*	
23 21 13 23-1924	EA	20" x 10", Grooved Eccentric Reducer	16,635.65	130.54
		For Galvanized Fittings, Add	*504.71*	
23 21 13 23-1925	EA	20" x 12", Grooved Eccentric Reducer	12,370.64	140.23
		For Galvanized Fittings, Add	*373.33*	
23 21 13 23-1926	EA	20" x 14", Grooved Eccentric Reducer	11,621.20	147.42
		For Galvanized Fittings, Add	*349.99*	
23 21 13 23-1927	EA	20" x 16", Grooved Eccentric Reducer	11,447.39	154.52
		For Galvanized Fittings, Add	*344.32*	
23 21 13 23-1928	EA	20" x 18", Grooved Eccentric Reducer	11,027.76	161.20
		For Galvanized Fittings, Add	*331.13*	
23 21 13 23-1929	EA	24" x 12", Grooved Eccentric Reducer	24,031.19	154.91
		For Galvanized Fittings, Add	*730.63*	
23 21 13 23-1930	EA	24" x 14", Grooved Eccentric Reducer	20,526.40	162.01
		For Galvanized Fittings, Add	*622.70*	
23 21 13 23-1931	EA	24" x 16", Grooved Eccentric Reducer	20,537.25	169.29
		For Galvanized Fittings, Add	*622.70*	
23 21 13 23-1932	EA	24" x 18", Grooved Eccentric Reducer	19,395.77	175.88
		For Galvanized Fittings, Add	*587.36*	
23 21 13 23-1933	EA	24" x 20", Grooved Eccentric Reducer	17,727.82	179.28
		For Galvanized Fittings, Add	*535.99*	
23 21 13 23-1934		**Grooved, Close Nipple** *(23 21 13 23-1772)*		
		Note: Victaulic No. 143		
23 21 13 23-1935	EA	1-1/4" Ductile Iron, Grooved, Close Nipple	58.85	13.18
		For Galvanized Fittings, Add	*7.00*	
		For 300 LB Rating, Add	*5.83*	
		For Galvanized Fittings, Add	*9.95*	
23 21 13 23-1936	EA	1-1/2" Ductile Iron, Grooved, Close Nipple	67.32	16.48
		For Galvanized Fittings, Add	*7.62*	
		For 300 LB Rating, Add	*6.35*	
		For Galvanized Fittings, Add	*10.84*	
23 21 13 23-1937	EA	2" Ductile Iron, Grooved, Close Nipple	84.02	21.75
		For Galvanized Fittings, Add	*9.19*	
		For 300 LB Rating, Add	*7.66*	
		For Galvanized Fittings, Add	*13.07*	
23 21 13 23-1938	EA	2-1/2" Ductile Iron, Grooved, Close Nipple	100.29	26.37
		For Galvanized Fittings, Add	*10.86*	
		For 300 LB Rating, Add	*9.05*	
		For Galvanized Fittings, Add	*15.45*	
23 21 13 23-1939		**Grooved Caps** *(23 21 13 23-1772)*		
		Note: Victaulic No. 60		
23 21 13 23-1940	EA	1" Carbon Steel Grooved Cap	143.33	4.09
23 21 13 23-1941	EA	1-1/4" Carbon Steel Grooved Cap	145.33	5.09
23 21 13 23-1942	EA	1-1/2" Carbon Steel Grooved Cap	147.53	6.19
23 21 13 23-1943	EA	2" Carbon Steel Grooved Cap	151.42	8.19
23 21 13 23-1944	EA	2-1/2" Carbon Steel Grooved Cap	155.02	9.99
23 21 13 23-1945	EA	3" Carbon Steel Grooved Cap	159.21	12.08
23 21 13 23-1946	EA	4" Carbon Steel Grooved Cap	175.83	15.98
23 21 13 23-1947	EA	5" Carbon Steel Grooved Cap	370.61	19.88
23 21 13 23-1948	EA	6" Carbon Steel Grooved Cap	382.45	26.06
23 21 13 23-1949	EA	8" Carbon Steel Grooved Cap	690.19	30.96
23 21 13 23-1950	EA	10" Carbon Steel Grooved Cap	1,167.90	36.15
23 21 13 23-1951	EA	12" Carbon Steel Grooved Cap	2,002.45	43.35
23 21 13 23-1952		**Grooved Couplings** *(23 21 13 23-1529)*		
23 21 13 23-1953		**Flexible Grooved Coupling** *(23 21 13 23-1952)*		
		Note: Victaulic Style 77		
23 21 13 23-1954	EA	3/4" Grooved Standard Coupling	32.56	5.39
		For Galvanized Fittings, Add	*6.83*	
23 21 13 23-1955	EA	1" Grooved Standard Coupling	32.56	5.39
		For Galvanized Fittings, Add	*6.83*	
23 21 13 23-1956	EA	1-1/4" Grooved Standard Coupling	42.65	6.79
		For Galvanized Fittings, Add	*9.09*	
23 21 13 23-1957	EA	1-1/2" Grooved Standard Coupling	47.65	8.09
		For Galvanized Fittings, Add	*9.93*	
23 21 13 23-1958	EA	2" Grooved Standard Coupling	53.81	10.89
		For Galvanized Fittings, Add	*10.50*	
23 21 13 23-1959	EA	2-1/2" Grooved Standard Coupling	64.75	13.28
		For Galvanized Fittings, Add	*12.56*	
23 21 13 23-1960	EA	3" Grooved Standard Coupling	68.61	15.88
		For Galvanized Fittings, Add	*12.56*	
23 21 13 23-1961	EA	3-1/2" Grooved Standard Coupling	100.19	18.58
		For Galvanized Fittings, Add	*20.24*	
23 21 13 23-1962	EA	4" Grooved Standard Coupling	104.10	21.18
		For Galvanized Fittings, Add	*20.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1963	EA	5" Grooved Standard Coupling	150.59	26.57
		For Galvanized Fittings, Add	*31.03*	
23 21 13 23-1964	EA	6" Grooved Standard Coupling	183.03	34.66
		For Galvanized Fittings, Add	*36.68*	
23 21 13 23-1965	EA	8" Grooved Standard Coupling	275.48	41.35
		For Galvanized Fittings, Add	*59.80*	
23 21 13 23-1966	EA	10" Grooved Standard Coupling	429.24	49.54
		For Galvanized Fittings, Add	*99.38*	
23 21 13 23-1967	EA	12" Grooved Standard Coupling	485.40	54.23
		For Galvanized Fittings, Add	*113.15*	
23 21 13 23-1968	EA	14" Grooved Standard Coupling	599.31	72.32
		For Galvanized Fittings, Add	*137.46*	
23 21 13 23-1969	EA	16" Grooved Standard Coupling	773.99	86.80
		For Galvanized Fittings, Add	*180.30*	
23 21 13 23-1970	EA	18" Grooved Standard Coupling	898.65	96.38
		For Galvanized Fittings, Add	*211.16*	
23 21 13 23-1971	EA	20" Grooved Standard Coupling	1,348.96	108.47
		For Galvanized Fittings, Add	*332.19*	
23 21 13 23-1972	EA	24" Grooved Standard Coupling	1,501.14	133.44
		For Galvanized Fittings, Add	*364.30*	

23 21 13 23-1973 Zero-Flex® Rigid Coupling *(23 21 13 23-1952)*

Note: Victaulic Style 07

23 21 13 23-1974	EA	1" Grooved Rigid Coupling	42.10	5.39
		For Galvanized Fittings, Add	*8.32*	
23 21 13 23-1975	EA	1-1/4" Grooved Rigid Coupling	44.14	6.79
		For Galvanized Fittings, Add	*8.32*	
23 21 13 23-1976	EA	1-1/2" Grooved Rigid Coupling	46.12	8.09
		For Galvanized Fittings, Add	*8.32*	
23 21 13 23-1977	EA	2" Grooved Rigid Coupling	51.12	10.89
		For Galvanized Fittings, Add	*8.53*	
23 21 13 23-1978	EA	2-1/2" Grooved Rigid Coupling	60.00	13.28
		For Galvanized Fittings, Add	*9.83*	
23 21 13 23-1979	EA	3" Grooved Rigid Coupling	63.86	15.88
		For Galvanized Fittings, Add	*9.83*	
23 21 13 23-1980	EA	3-1/2" Grooved Rigid Coupling	74.78	18.58
		For Galvanized Fittings, Add	*11.49*	
23 21 13 23-1981	EA	4" Grooved Rigid Coupling	98.25	21.18
		For Galvanized Fittings, Add	*16.28*	
23 21 13 23-1982	EA	5" Grooved Rigid Coupling	126.05	26.57
		For Galvanized Fittings, Add	*21.14*	
23 21 13 23-1983	EA	6" Grooved Rigid Coupling	167.36	34.66
		For Galvanized Fittings, Add	*28.26*	
23 21 13 23-1984	EA	8" Grooved Rigid Coupling	243.63	41.35
		For Galvanized Fittings, Add	*44.52*	
23 21 13 23-1985	EA	10" Grooved Rigid Coupling	399.90	49.54
		For Galvanized Fittings, Add	*79.77*	
23 21 13 23-1986	EA	12" Grooved Rigid Coupling	445.64	54.23
		For Galvanized Fittings, Add	*89.27*	
23 21 13 23-1987	EA	14" Grooved Rigid Coupling	584.40	72.32
		For Galvanized Fittings, Add	*116.62*	
23 21 13 23-1988	EA	16" Grooved Rigid Coupling	750.89	86.80
		For Galvanized Fittings, Add	*152.11*	
23 21 13 23-1989	EA	18" Grooved Rigid Coupling	862.20	96.38
		For Galvanized Fittings, Add	*175.84*	
23 21 13 23-1990	EA	20" Grooved Rigid Coupling	1,017.02	108.47
		For Galvanized Fittings, Add	*209.34*	
23 21 13 23-1991	EA	24" Grooved Rigid Coupling	1,458.64	133.44
		For Galvanized Fittings, Add	*308.35*	

23 21 13 23-1992 Large Diameter Grooved Coupling *(23 21 13 23-1952)*

Note: Victaulic Style 770

23 21 13 23-1993	EA	28" Grooved Coupling	1,550.01	26.57
		For Galvanized Fittings, Add	*211.44*	
23 21 13 23-1994	EA	30" Grooved Coupling	1,790.78	34.66
		For Galvanized Fittings, Add	*243.43*	
23 21 13 23-1995	EA	32" Grooved Coupling	2,665.83	41.35
		For Galvanized Fittings, Add	*364.55*	
23 21 13 23-1996	EA	36" Grooved Coupling	3,543.35	49.54
		For Galvanized Fittings, Add	*485.67*	
23 21 13 23-1997	EA	42" Grooved Coupling	7,097.10	54.23
		For Galvanized Fittings, Add	*982.21*	

23 21 13 23-1998 Flexible Coupling *(23 21 13 23-1952)*

Note: Victaulic Style 75

23 21 13 23-1999	EA	1-1/2" Grooved Flexible Coupling	43.03	8.09
		For Galvanized Fittings, Add	*7.90*	
23 21 13 23-2000	EA	2" Grooved Flexible Coupling	47.96	10.89
		For Galvanized Fittings, Add	*8.10*	
23 21 13 23-2001	EA	2-1/2" Grooved Flexible Coupling	56.55	13.28
		For Galvanized Fittings, Add	*9.39*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2002	EA	3" Grooved Flexible Coupling	66.38	15.88
		For Galvanized Fittings, Add	*10.92*	
23 21 13 23-2003	EA	3-1/2" Grooved Flexible Coupling	88.30	18.58
		For Galvanized Fittings, Add	*15.46*	
23 21 13 23-2004	EA	4" Grooved Flexible Coupling	92.21	21.18
		For Galvanized Fittings, Add	*15.46*	
23 21 13 23-2005	EA	5" Grooved Flexible Coupling	126.91	26.57
		For Galvanized Fittings, Add	*22.31*	
23 21 13 23-2006	EA	6" Grooved Flexible Coupling	157.00	34.66
		For Galvanized Fittings, Add	*26.87*	
23 21 13 23-2007	EA	8" Grooved Flexible Coupling	226.94	41.35
		For Galvanized Fittings, Add	*42.25*	
23 21 13 23-2008		Installation-Ready™ Coupling *(23 21 13 23-1952)*		
		Note: Victaulic Style 009N		
23 21 13 23-2009	EA	1-1/4" Ductile Iron, Installation-Ready™ Coupling	76.12	5.04
		For Galvanized Fittings, Add	*17.53*	
23 21 13 23-2010	EA	1-1/2" Ductile Iron, Installation-Ready™ Coupling	79.03	6.03
		For Galvanized Fittings, Add	*17.89*	
23 21 13 23-2011	EA	2" Ductile Iron, Installation-Ready™ Coupling	91.35	8.10
		For Galvanized Fittings, Add	*20.24*	
23 21 13 23-2012	EA	2-1/2" Ductile Iron, Installation-Ready™ Coupling	105.96	9.83
		For Galvanized Fittings, Add	*23.31*	
23 21 13 23-2013	EA	3" Ductile Iron, Installation-Ready™ Coupling	120.94	11.80
		For Galvanized Fittings, Add	*26.38*	
23 21 13 23-2014	EA	4" Ductile Iron, Installation-Ready™ Coupling	168.59	15.75
		For Galvanized Fittings, Add	*37.05*	
23 21 13 23-2015	EA	5" Ductile Iron, Installation-Ready™ Coupling	266.58	19.71
		For Galvanized Fittings, Add	*60.60*	
23 21 13 23-2016	EA	6" Ductile Iron, Installation-Ready™ Coupling	321.91	25.77
		For Galvanized Fittings, Add	*72.41*	
23 21 13 23-2017	EA	8" Ductile Iron, Installation-Ready™ Coupling	519.01	30.65
		For Galvanized Fittings, Add	*120.98*	
23 21 13 23-2018		Grooved Strainers And Suction Diffusers *(23 21 13 23-1529)*		
23 21 13 23-2019		Grooved Wye Strainers *(23 21 13 23-2018)*		
		Note: Victaulic Style 732		
23 21 13 23-2020	EA	2" Grooved Wye Strainer	2,077.83	21.97
23 21 13 23-2021	EA	2-1/2" Grooved Wye Strainer	2,188.03	26.67
23 21 13 23-2022	EA	3" Grooved Wye Strainer	2,461.07	31.96
23 21 13 23-2023	EA	4" Grooved Wye Strainer	2,794.83	42.65
23 21 13 23-2024	EA	5" Grooved Wye Strainer	4,035.88	53.34
23 21 13 23-2025	EA	6" Grooved Wye Strainer	4,399.16	69.31
23 21 13 23-2026	EA	8" Grooved Wye Strainer	6,708.48	82.60
23 21 13 23-2027	EA	10" Grooved Wye Strainer	10,729.59	96.58
23 21 13 23-2028	EA	12" Grooved Wye Strainer	18,664.70	115.96
23 21 13 23-2029		Grooved Tee Type Strainers *(23 21 13 23-2018)*		
		Note: Victaulic Style 730		
23 21 13 23-2030	EA	1-1/2" Grooved Tee Type Strainer	1,602.95	16.68
23 21 13 23-2031	EA	2" Grooved Tee Type Strainer	2,052.59	21.97
23 21 13 23-2032	EA	2-1/2" Grooved Tee Type Strainer	2,161.80	26.67
23 21 13 23-2033	EA	3" Grooved Tee Type Strainer	2,431.43	31.96
23 21 13 23-2034	EA	4" Grooved Tee Type Strainer	2,761.22	42.65
23 21 13 23-2035	EA	5" Grooved Tee Type Strainer	3,986.96	53.34
23 21 13 23-2036	EA	6" Grooved Tee Type Strainer	4,346.41	69.31
23 21 13 23-2037	EA	8" Grooved Tee Type Strainer	6,626.81	82.60
23 21 13 23-2038	EA	10" Grooved Tee Type Strainer	9,695.86	96.58
23 21 13 23-2039	EA	12" Grooved Tee Type Strainer	12,468.60	115.96
23 21 13 23-2040	EA	14" Grooved Tee Type Strainer	44,020.12	130.54
23 21 13 23-2041	EA	16" Grooved Tee Type Strainer	54,683.97	144.53
23 21 13 23-2042	EA	18" Grooved Tee Type Strainer	71,877.01	157.90
23 21 13 23-2043		Grooved Suction Diffuser *(23 21 13 23-2018)*		
		Note: Victaulic Style 731		
23 21 13 23-2044	EA	2-1/2" Grooved x 2" Flanged Suction Diffuser	4,230.61	24.67
23 21 13 23-2045	EA	3" Grooved x 2" Flanged Suction Diffuser	4,491.27	27.26
23 21 13 23-2046	EA	3" Grooved x 2-1/2" Flanged Suction Diffuser	3,247.21	31.96
23 21 13 23-2047	EA	3" Grooved x 3" Flanged Suction Diffuser	3,293.49	34.66
23 21 13 23-2048	EA	4" Grooved x 2-1/2" Flanged Suction Diffuser	3,567.03	34.66
23 21 13 23-2049	EA	4" Grooved x 3" Flanged Suction Diffuser	3,848.38	37.35
23 21 13 23-2050	EA	4" Grooved x 4" Flanged Suction Diffuser	4,448.27	37.35
23 21 13 23-2051	EA	5" Grooved x 4" Flanged Suction Diffuser	4,967.71	47.94
23 21 13 23-2052	EA	5" Grooved x 5" Flanged Suction Diffuser	5,220.14	50.64
23 21 13 23-2053	EA	6" Grooved x 4" Flanged Suction Diffuser	5,303.85	55.94
23 21 13 23-2054	EA	6" Grooved x 5" Flanged Suction Diffuser	6,336.20	61.33
23 21 13 23-2055	EA	6" Grooved x 6" Flanged Suction Diffuser	6,581.40	65.32
23 21 13 23-2056	EA	8" Grooved x 5" Flanged Suction Diffuser	6,753.15	67.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2057	EA	8" Grooved x 6" Flanged Suction Diffuser	7,127.57	75.90
23 21 13 23-2058	EA	8" Grooved x 8" Flanged Suction Diffuser	12,193.58	82.60
23 21 13 23-2059	EA	10" Grooved x 8" Flanged Suction Diffuser	13,753.50	89.29
23 21 13 23-2060	EA	10" Grooved x 10" Flanged Suction Diffuser	16,550.01	92.58
23 21 13 23-2061	EA	12" Grooved x 10" Flanged Suction Diffuser	19,585.10	106.57
23 21 13 23-2062	EA	12" Grooved x 12" Flanged Suction Diffuser	27,189.88	113.27
23 21 13 23-2063	EA	14" Grooved x 10" Flanged Suction Diffuser	25,316.76	113.27
23 21 13 23-2064	EA	14" Grooved x 12" Flanged Suction Diffuser	28,275.13	123.25
23 21 13 23-2065	EA	14" Grooved x 14" Flanged Suction Diffuser	34,307.63	130.54
23 21 13 23-2066	EA	16" Grooved x 14" Flanged Suction Diffuser	35,319.95	137.23
23 21 13 23-2067		Grooved Steel Valves *(23 21 13 23-1529)*		
23 21 13 23-2068		Grooved Butterfly Valves With Standard Trim *(23 21 13 23-2067)*		
23 21 13 23-2069	EA	1-1/2" Butterfly Valve, Grooved, With Standard Trim	288.53	10.89
23 21 13 23-2070	EA	2" Butterfly Valve, Grooved, With Standard Trim	293.69	14.28
23 21 13 23-2071	EA	3" Butterfly Valve, Grooved, With Standard Trim	482.25	21.18
23 21 13 23-2072	EA	4" Butterfly Valve, Grooved, With Standard Trim	647.85	27.87
23 21 13 23-2073	EA	6" Butterfly Valve, Grooved, With Standard Trim	1,416.52	45.65
23 21 13 23-2074	EA	8" Butterfly Valve, Grooved, With Standard Trim	1,962.90	64.22
23 21 13 23-2075	EA	10" Butterfly Valve, Grooved, With Standard Trim	2,949.35	86.80
23 21 13 23-2076		Grooved Butterfly Valves With Stainless Steel Trim *(23 21 13 23-2067)*		
23 21 13 23-2077	EA	1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim	434.35	10.89
23 21 13 23-2078	EA	2" Butterfly Valve, Grooved, With Stainless Steel Trim	439.51	14.28
23 21 13 23-2079	EA	3" Butterfly Valve, Grooved, With Stainless Steel Trim	679.92	21.18
23 21 13 23-2080	EA	4" Butterfly Valve, Grooved, With Stainless Steel Trim	864.97	27.87
23 21 13 23-2081	EA	6" Butterfly Valve, Grooved, With Stainless Steel Trim	1,656.32	45.65
23 21 13 23-2082	EA	8" Butterfly Valve, Grooved, With Stainless Steel Trim	2,753.60	64.22
23 21 13 23-2083	EA	10" Butterfly Valve, Grooved, With Stainless Steel Trim	4,342.79	86.80
23 21 13 23-2084		Grooved Ball Valves With Standard Trim And Handle *(23 21 13 23-2067)* Note: Victaulic No. 721		
23 21 13 23-2085	EA	1-1/2" Ball Valve, Grooved, With Standard Trim	243.20	10.68
23 21 13 23-2086	EA	2" Ball Valve, Grooved, With Standard Trim	278.33	14.68
23 21 13 23-2087	EA	2-1/2" Ball Valve, Grooved, With Standard Trim	637.58	17.98
23 21 13 23-2088	EA	3" Ball Valve, Grooved, With Standard Trim	1,046.80	21.28
23 21 13 23-2089	EA	4" Ball Valve, Grooved, With Standard Trim	1,630.91	27.97
23 21 13 23-2090	EA	6" Ball Valve, Grooved, With Standard Trim	5,077.15	45.95
23 21 13 23-2091		Grooved Ball Valves With Stainless Steel Trim And Handle *(23 21 13 23-2067)* Note: Victaulic No. 721		
23 21 13 23-2092	EA	1-1/2" Ball Valve, Grooved, With Stainless Steel Trim	259.17	10.68
23 21 13 23-2093	EA	2" Ball Valve, Grooved, With Stainless Steel Trim	444.12	14.68
23 21 13 23-2094	EA	2-1/2" Ball Valve, Grooved, With Stainless Steel Trim	1,160.35	17.98
23 21 13 23-2095	EA	3" Ball Valve, Grooved, With Stainless Steel Trim	1,500.85	21.28
23 21 13 23-2096	EA	4" Ball Valve, Grooved, With Stainless Steel Trim	2,050.50	27.97
23 21 13 23-2097	EA	6" Ball Valve, Grooved, With Stainless Steel Trim	5,597.08	45.95
23 21 13 23-2098		Grooved Check Valves *(23 21 13 23-2067)* Note: Victaulic No. 712		
23 21 13 23-2099	EA	2" Check Valve, Grooved	369.60	14.68
23 21 13 23-2100	EA	2-1/2" Check Valve, Grooved	600.72	17.98
23 21 13 23-2101	EA	3" Check Valve, Grooved	699.91	21.28
23 21 13 23-2102	EA	4" Check Valve, Grooved	992.42	27.97
23 21 13 23-2103		Grooved Vic-Check Check Valves *(23 21 13 23-2067)* Note: Victaulic No. 716		
23 21 13 23-2104	EA	2-1/2" "Vic-Check" Check Valve, Grooved	479.48	17.98
23 21 13 23-2105	EA	3" "Vic-Check" Check Valve, Grooved	484.34	21.28
23 21 13 23-2106	EA	4" "Vic-Check" Check Valve, Grooved	606.78	27.97
23 21 13 23-2107	EA	6" "Vic-Check" Check Valve, Grooved	1,184.21	45.95
23 21 13 23-2108	EA	8" "Vic-Check" Check Valve, Grooved	1,620.22	63.92
23 21 13 23-2109	EA	10" "Vic-Check" Check Valve, Grooved	4,542.12	86.60
23 21 13 23-2110	EA	12" "Vic-Check" Check Valve, Grooved	5,379.08	99.98
23 21 13 23-2111		Grooved Plug Valves With Lever Operator *(23 21 13 23-2067)* Note: Victaulic No. 377		
23 21 13 23-2112	EA	3" Balancing Plug Valve, Grooved, With Lever Handle	730.16	21.28
23 21 13 23-2113	EA	4" Balancing Plug Valve, Grooved, With Lever Handle	810.32	27.97
23 21 13 23-2114	EA	6" Balancing Plug Valve, Grooved, With Lever Handle	1,446.70	45.95

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2115		**Grooved Plug Valve With Gear Operator** *(23 21 13 23-2067)* Note: Victaulic No. 377		
23 21 13 23-2116	EA	3" Balancing Plug Valve, Grooved, With Gear Operator	1,293.37	21.28
23 21 13 23-2117	EA	4" Balancing Plug Valve, Grooved, With Gear Operator	1,373.58	27.97
23 21 13 23-2118	EA	6" Balancing Plug Valve, Grooved, With Gear Operator	2,009.96	45.95
23 21 13 23-2119	EA	8" Balancing Plug Valve, Grooved, With Gear Operator	2,688.68	63.92
23 21 13 23-2120	EA	10" Balancing Plug Valve, Grooved, With Gear Operator	4,218.84	86.60
23 21 13 23-2121	EA	12" Balancing Plug Valve, Grooved, With Gear Operator	6,106.00	99.98
23 21 13 23-2122		**Prepare Pipe For Groove** *(23 21 13 23-1529)*		
23 21 13 23-2123		**Cut Grooved Pipe** *(23 21 13 23-2122)* Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.		
23 21 13 23-2124	EA	Cut 3/4" Groove Pipe	10.46	
23 21 13 23-2125	EA	Cut 1" Groove Pipe	11.36	
23 21 13 23-2126	EA	Cut 1-1/4" Groove Pipe	12.83	
23 21 13 23-2127	EA	Cut 1-1/2" Groove Pipe	13.95	
23 21 13 23-2128	EA	Cut 2" Groove Pipe	15.29	
23 21 13 23-2129	EA	Cut 2-1/2" Groove Pipe	16.57	
23 21 13 23-2130	EA	Cut 3" Groove Pipe	18.07	
23 21 13 23-2131	EA	Cut 3-1/2" Groove Pipe	19.16	
23 21 13 23-2132	EA	Cut 4" Groove Pipe	20.39	
23 21 13 23-2133	EA	Cut 5" Groove Pipe	22.09	
23 21 13 23-2134	EA	Cut 6" Groove Pipe	22.72	
23 21 13 23-2135	EA	Cut 8" Groove Pipe	29.45	
23 21 13 23-2136	EA	Cut 10" Groove Pipe	41.86	
23 21 13 23-2137	EA	Cut 12" Groove Pipe	53.01	
23 21 13 23-2138	EA	Cut 14" Groove Pipe	79.52	
23 21 13 23-2139	EA	Cut 16" Groove Pipe	83.70	
23 21 13 23-2140	EA	Cut 18" Groove Pipe	88.36	
23 21 13 23-2141	EA	Cut 20" Groove Pipe	93.55	
23 21 13 23-2142	EA	Cut 24" Groove Pipe	106.03	
23 21 13 23-2143		**Roll Grooved Pipe** *(23 21 13 23-2122)* Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.		
23 21 13 23-2144	EA	Roll 3/4" Groove	5.98	
23 21 13 23-2145	EA	Roll 1" Groove	6.97	
23 21 13 23-2146	EA	Roll 1-1/4" Groove	7.95	
23 21 13 23-2147	EA	Roll 1-1/2" Groove	8.94	
23 21 13 23-2148	EA	Roll 2" Groove	13.71	
23 21 13 23-2149	EA	Roll 2-1/2" Groove	14.46	
23 21 13 23-2150	EA	Roll 3" Groove	15.90	
23 21 13 23-2151	EA	Roll 3-1/2" Groove	16.92	
23 21 13 23-2152	EA	Roll 4" Groove	18.49	
23 21 13 23-2153	EA	Roll 5" Groove	18.94	
23 21 13 23-2154	EA	Roll 6" Groove	19.88	
23 21 13 23-2155	EA	Roll 8" Groove	24.10	
23 21 13 23-2156	EA	Roll 10" Groove	27.42	
23 21 13 23-2157	EA	Roll 12" Groove	34.57	
23 21 13 23-2158	EA	Roll 14" Groove	53.01	
23 21 13 23-2159	EA	Roll 16" Groove	56.80	
23 21 13 23-2160	EA	Roll 18" Groove	58.90	
23 21 13 23-2161	EA	Roll 20" Groove	63.62	
23 21 13 23-2162	EA	Roll 24" Groove	69.15	
23 21 13 23-2163		**Standard Gaskets** *(23 21 13 23-2122)* Note: For use on replacement of existing gaskets.		
23 21 13 23-2164	EA	3/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	21.76	
23 21 13 23-2165	EA	1" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	22.59	
23 21 13 23-2166	EA	1-1/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	23.65	
23 21 13 23-2167	EA	1-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	25.93	
23 21 13 23-2168	EA	2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	26.53	
23 21 13 23-2169	EA	2-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	31.08	
23 21 13 23-2170	EA	3" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	34.08	
23 21 13 23-2171	EA	3-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	41.96	
23 21 13 23-2172	EA	4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	42.45	
23 21 13 23-2173	EA	5" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	52.89	
23 21 13 23-2174	EA	6" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	56.87	
23 21 13 23-2175	EA	8" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	77.22	
23 21 13 23-2176	EA	10" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	96.87	
23 21 13 23-2177	EA	12" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	114.27	
23 21 13 23-2178	EA	14" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	159.59	
23 21 13 23-2179	EA	16" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	213.06	
23 21 13 23-2180	EA	18" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	252.44	
23 21 13 23-2181	EA	20" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	374.39	
23 21 13 23-2182	EA	24" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	512.66	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2183		**Copper Grooved-Joint Pipe Fittings** *(23 21 13 23)* Note: Couplings are not included with fittings.		
23 21 13 23-2184		**Grooved Fittings** *(23 21 13 23-2183)*		
23 21 13 23-2185		**Grooved 90 Degree Elbows** *(23 21 13 23-2184)*		
23 21 13 23-2186	EA	2" Copper 90 Degree Elbow, Grooved	73.60	16.28
23 21 13 23-2187	EA	2-1/2" Copper 90 Degree Elbow, Grooved	84.07	19.88
23 21 13 23-2188	EA	3" Copper 90 Degree Elbow, Grooved	110.28	24.07
23 21 13 23-2189	EA	4" Copper 90 Degree Elbow, Grooved	206.11	31.76
23 21 13 23-2190	EA	5" Copper 90 Degree Elbow, Grooved	483.41	39.75
23 21 13 23-2191	EA	6" Copper 90 Degree Elbow, Grooved	748.59	52.04
23 21 13 23-2192	EA	8" Copper 90 Degree Elbow, Grooved	1,333.87	61.92
23 21 13 23-2193		**Grooved 45 Degree Elbows** *(23 21 13 23-2184)*		
23 21 13 23-2194	EA	2" Copper 45 Degree Elbow, Grooved	73.60	16.28
23 21 13 23-2195	EA	2-1/2" Copper 45 Degree Elbow, Grooved	84.07	19.88
23 21 13 23-2196	EA	3" Copper 45 Degree Elbow, Grooved	110.28	24.07
23 21 13 23-2197	EA	4" Copper 45 Degree Elbow, Grooved	206.11	31.76
23 21 13 23-2198	EA	5" Copper 45 Degree Elbow, Grooved	483.41	39.75
23 21 13 23-2199	EA	6" Copper 45 Degree Elbow, Grooved	748.59	52.04
23 21 13 23-2200	EA	8" Copper 45 Degree Elbow, Grooved	1,333.87	61.92
23 21 13 23-2201		**Grooved Tees** *(23 21 13 23-2184)*		
23 21 13 23-2202	EA	2" Copper Tee, Grooved	115.14	23.97
23 21 13 23-2203	EA	2-1/2" Copper Tee, Grooved	130.14	29.46
23 21 13 23-2204	EA	3" Copper Tee, Grooved	178.31	36.15
23 21 13 23-2205	EA	4" Copper Tee, Grooved	325.98	46.75
23 21 13 23-2206	EA	5" Copper Tee, Grooved	1,145.13	61.13
23 21 13 23-2207	EA	6" Copper Tee, Grooved	956.49	76.51
23 21 13 23-2208	EA	8" Copper Tee, Grooved	1,620.54	92.89
23 21 13 23-2209		**Grooved Reducing Tees** *(23 21 13 23-2184)*		
23 21 13 23-2210	EA	2-1/2" Copper Tee, Reducing, Grooved	165.10	29.46
23 21 13 23-2211	EA	3" Copper Tee, Reducing, Grooved	252.55	36.15
23 21 13 23-2212	EA	4" Copper Tee, Reducing, Grooved	398.90	46.85
23 21 13 23-2213	EA	5" Copper Tee, Reducing, Grooved	1,054.29	61.23
23 21 13 23-2214	EA	6" Copper Tee, Reducing, Grooved	1,290.83	76.51
23 21 13 23-2215		**Grooved X Cup Reducing Tees** *(23 21 13 23-2184)*		
23 21 13 23-2216	EA	2" Copper Tee, Reducing, Grooved X Cup	133.84	23.97
23 21 13 23-2217	EA	2-1/2" Copper Tee, Reducing, Grooved X Cup	165.48	29.46
23 21 13 23-2218	EA	3" Copper Tee, Reducing, Grooved X Cup	269.38	36.15
23 21 13 23-2219	EA	4" Copper Tee, Reducing, Grooved X Cup	398.90	46.75
23 21 13 23-2220		**Grooved Flanged Adapter Nipples** *(23 21 13 23-2184)*		
23 21 13 23-2221	EA	2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	212.15	17.68
23 21 13 23-2222	EA	2-1/2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	226.96	21.48
23 21 13 23-2223	EA	3" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	244.03	25.67
23 21 13 23-2224	EA	4" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	280.44	34.56
23 21 13 23-2225	EA	5" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	367.72	41.85
23 21 13 23-2226	EA	6" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	422.14	56.53
23 21 13 23-2227		**Grooved Concentric Reducers** *(23 21 13 23-2184)*		
23 21 13 23-2228	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved	95.16	18.18
23 21 13 23-2229	EA	3" x 2" Copper Concentric Reducer, Grooved	99.16	20.28
23 21 13 23-2230	EA	3" x 2-1/2" Copper Concentric Reducer, Grooved	106.91	24.07
23 21 13 23-2231	EA	4" x 2" Copper Concentric Reducer, Grooved	168.50	24.27
23 21 13 23-2232	EA	4" x 2-1/2" Copper Concentric Reducer, Grooved	172.00	25.97
23 21 13 23-2233	EA	4" x 3" Copper Concentric Reducer, Grooved	175.99	27.97
23 21 13 23-2234	EA	5" x 3" Copper Concentric Reducer, Grooved	401.63	31.96
23 21 13 23-2235	EA	5" x 4" Copper Concentric Reducer, Grooved	409.62	35.96
23 21 13 23-2236	EA	6" x 3" Copper Concentric Reducer, Grooved	441.48	37.96
23 21 13 23-2237	EA	6" x 4" Copper Concentric Reducer, Grooved	449.47	41.95
23 21 13 23-2238	EA	6" x 5" Copper Concentric Reducer, Grooved	457.46	45.95
23 21 13 23-2239	EA	8" x 6" Copper Concentric Reducer, Grooved	755.42	56.93
23 21 13 23-2240		**Grooved X Cup Concentric Reducers** *(23 21 13 23-2184)*		
23 21 13 23-2241	EA	2" x 1" Copper Concentric Reducer, Grooved X Cup	74.09	12.78
23 21 13 23-2242	EA	2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	75.09	13.28
23 21 13 23-2243	EA	2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	78.14	14.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2244	EA	2-1/2" x 1" Copper Concentric Reducer, Grooved X Cup	88.00	14.28
23 21 13 23-2245	EA	2-1/2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	88.99	14.79
23 21 13 23-2246	EA	2-1/2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	91.92	16.28
23 21 13 23-2247	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved X Cup	95.92	18.18
23 21 13 23-2248	EA	3" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	110.31	18.18
23 21 13 23-2249	EA	3" x 2" Copper Concentric Reducer, Grooved X Cup	114.31	20.28
23 21 13 23-2250	EA	4" x 2" Copper Concentric Reducer, Grooved X Cup	185.52	24.17
23 21 13 23-2251		Grooved Standard Couplings *(23 21 13 23-2184)*		
23 21 13 23-2252	EA	2" Copper Standard Coupling, Grooved	30.44	8.19
23 21 13 23-2253	EA	2-1/2" Copper Standard Coupling, Grooved	36.06	9.99
23 21 13 23-2254	EA	3" Copper Standard Coupling, Grooved	41.55	11.88
23 21 13 23-2255	EA	4" Copper Standard Coupling, Grooved	59.07	15.98
23 21 13 23-2256	EA	5" Copper Standard Coupling, Grooved	86.14	19.88
23 21 13 23-2257	EA	6" Copper Standard Coupling, Grooved	113.28	25.97
23 21 13 23-2258	EA	8" Copper Standard Coupling, Grooved	157.28	30.96
23 21 13 23-2259		Grooved Caps *(23 21 13 23-2184)*		
23 21 13 23-2260	EA	2" Copper Cap, Grooved	44.55	8.19
23 21 13 23-2261	EA	2-1/2" Copper Cap, Grooved	61.77	9.99
23 21 13 23-2262	EA	3" Copper Cap, Grooved	75.72	11.88
23 21 13 23-2263	EA	4" Copper Cap, Grooved	109.78	15.88
23 21 13 23-2264	EA	5" Copper Cap, Grooved	178.01	19.88
23 21 13 23-2265	EA	6" Copper Cap, Grooved	211.15	25.97
23 21 13 23-2266		Grooved Valves *(23 21 13 23-2183)*		
23 21 13 23-2267		Grooved Butterfly Valves, Standard Trim, Without Operator *(23 21 13 23-2266)*		
		Note: Copper body.		
23 21 13 23-2268	EA	2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	476.98	10.68
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2269	EA	3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	542.00	15.88
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2270	EA	4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	716.48	20.87
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2271	EA	6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	955.17	34.26
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2272	EA	8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	1,051.55	48.15
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2273		Grooved Butterfly Valves, Standard Trim, With Operator *(23 21 13 23-2266)*		
		Note: Copper body.		
23 21 13 23-2274	EA	2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	583.04	10.68
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2275	EA	3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	648.13	15.88
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2276	EA	4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	822.61	20.87
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2277	EA	6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,061.37	34.26
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2278	EA	8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,157.68	48.15
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2279		Polyvinyl Chloride (PVC) Pressure Pipe And Fittings *(23 21 13 23)*		
		Note: Socket or back weld.		
23 21 13 23-2280		Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings *(23 21 13 23-2279)*		
		Note: ASTM D1785 with D2466 fittings.		
23 21 13 23-2281		Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe *(23 21 13 23-2280)*		
23 21 13 23-2282	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	5.00	2.85
		For Work In Restricted Working Space, Add	*1.28*	
23 21 13 23-2283	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	6.27	3.57
		For Work In Restricted Working Space, Add	*1.61*	
23 21 13 23-2284	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	7.03	3.81
		For Work In Restricted Working Space, Add	*1.71*	
23 21 13 23-2285	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	7.89	4.09
		For Work In Restricted Working Space, Add	*1.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2286	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	8.23	4.16
		For Work In Restricted Working Space, Add	*1.87*	
23 21 13 23-2287	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	10.19	4.98
		For Work In Restricted Working Space, Add	*2.24*	
23 21 13 23-2288	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	13.17	5.93
		For Work In Restricted Working Space, Add	*2.66*	
23 21 13 23-2289	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	16.31	7.17
		For Work In Restricted Working Space, Add	*3.22*	
23 21 13 23-2290	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	24.13	10.73
		For Work In Restricted Working Space, Add	*4.83*	
23 21 13 23-2291	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	35.47	14.32
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-2292	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	46.86	17.07
		For Work In Restricted Working Space, Add	*7.68*	
23 21 13 23-2293	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	93.62	19.07
		For Work In Restricted Working Space, Add	*8.57*	

23 21 13 23-2294 Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows *(23 21 13 23-2280)*

23 21 13 23-2295	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	16.94	10.78
		For Work In Restricted Working Space, Add	*4.83*	
23 21 13 23-2296	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	22.65	14.28
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-2297	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	28.72	17.78
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2298	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	41.52	25.17
		For Work In Restricted Working Space, Add	*11.31*	
23 21 13 23-2299	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	46.58	28.36
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-2300	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	60.40	36.05
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-2301	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	99.38	53.34
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-2302	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	128.52	70.12
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-2303	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	166.64	83.30
		For Work In Restricted Working Space, Add	*37.46*	
23 21 13 23-2304	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	242.76	95.18
		For Work In Restricted Working Space, Add	*42.81*	
23 21 13 23-2305	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	424.13	111.07
		For Work In Restricted Working Space, Add	*49.94*	
23 21 13 23-2306	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	634.34	165.59
		For Work In Restricted Working Space, Add	*74.46*	

23 21 13 23-2307 Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows *(23 21 13 23-2280)*

23 21 13 23-2308	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	17.36	10.78
		For Work In Restricted Working Space, Add	*4.83*	
23 21 13 23-2309	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	23.48	14.28
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-2310	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	29.89	17.78
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2311	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	42.27	25.17
		For Work In Restricted Working Space, Add	*11.31*	
23 21 13 23-2312	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	48.24	28.36
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-2313	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	61.48	36.05
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-2314	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	99.38	53.34
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-2315	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	135.52	70.12
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-2316	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	179.38	83.30
		For Work In Restricted Working Space, Add	*37.46*	
23 21 13 23-2317	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	243.93	95.18
		For Work In Restricted Working Space, Add	*42.81*	
23 21 13 23-2318	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	410.06	111.07
		For Work In Restricted Working Space, Add	*49.94*	
23 21 13 23-2319	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	634.34	165.59
		For Work In Restricted Working Space, Add	*74.46*	

23 21 13 23-2320 Schedule 40 Polyvinyl Chloride (PVC) Tees *(23 21 13 23-2280)*

23 21 13 23-2321	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	27.64	17.78
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2322	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	33.30	21.48
		For Work In Restricted Working Space, Add	*9.67*	
23 21 13 23-2323	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Tees	44.58	28.36
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-2324	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	57.32	36.05
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-2325	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	68.51	42.95
		For Work In Restricted Working Space, Add	*19.33*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2326		EA	2" Schedule 40 Polyvinyl Chloride (PVC) Tees	85.81	53.34
			For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-2327		EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	124.78	70.12
			For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-2328		EA	3" Schedule 40 Polyvinyl Chloride (PVC) Tees	150.58	83.30
			For Work In Restricted Working Space, Add	*37.46*	
23 21 13 23-2329		EA	4" Schedule 40 Polyvinyl Chloride (PVC) Tees	213.08	111.07
			For Work In Restricted Working Space, Add	*49.94*	
23 21 13 23-2330		EA	6" Schedule 40 Polyvinyl Chloride (PVC) Tees	371.97	143.23
			For Work In Restricted Working Space, Add	*64.44*	
23 21 13 23-2331		EA	8" Schedule 40 Polyvinyl Chloride (PVC) Tees	630.99	177.69
			For Work In Restricted Working Space, Add	*79.90*	
23 21 13 23-2332		EA	10" Schedule 40 Polyvinyl Chloride (PVC) Tees	1,824.91	265.47
			For Work In Restricted Working Space, Add	*119.42*	
23 21 13 23-2333			**Schedule 40 Polyvinyl Chloride (PVC) Crosses** *(23 21 13 23-2280)*		
23 21 13 23-2334		EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	34.86	22.17
			For Work In Restricted Working Space, Add	*9.99*	
23 21 13 23-2335		EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	41.97	26.87
			For Work In Restricted Working Space, Add	*12.08*	
23 21 13 23-2336		EA	1" Schedule 40 Polyvinyl Chloride (PVC) Crosses	56.40	35.46
			For Work In Restricted Working Space, Add	*15.94*	
23 21 13 23-2337		EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	72.71	45.04
			For Work In Restricted Working Space, Add	*20.25*	
23 21 13 23-2338		EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	86.94	53.73
			For Work In Restricted Working Space, Add	*24.17*	
23 21 13 23-2339		EA	2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	109.15	66.62
			For Work In Restricted Working Space, Add	*29.96*	
23 21 13 23-2340		EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	162.22	87.70
			For Work In Restricted Working Space, Add	*39.43*	
23 21 13 23-2341		EA	3" Schedule 40 Polyvinyl Chloride (PVC) Crosses	196.38	104.07
			For Work In Restricted Working Space, Add	*46.82*	
23 21 13 23-2342		EA	4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	281.17	138.83
			For Work In Restricted Working Space, Add	*62.42*	
23 21 13 23-2343		EA	6" Schedule 40 Polyvinyl Chloride (PVC) Crosses	514.78	178.98
			For Work In Restricted Working Space, Add	*80.51*	
23 21 13 23-2344		EA	8" Schedule 40 Polyvinyl Chloride (PVC) Crosses	904.37	221.93
			For Work In Restricted Working Space, Add	*99.83*	
23 21 13 23-2345		EA	10" Schedule 40 Polyvinyl Chloride (PVC) Crosses	2,734.56	331.99
			For Work In Restricted Working Space, Add	*149.34*	
23 21 13 23-2346			**Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts** *(23 21 13 23-2280)*		
23 21 13 23-2347		EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	17.46	10.99
			For Work In Restricted Working Space, Add	*5.01*	
23 21 13 23-2348		EA	1" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	22.97	14.08
			For Work In Restricted Working Space, Add	*6.42*	
23 21 13 23-2349		EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	30.66	18.88
			For Work In Restricted Working Space, Add	*8.57*	
23 21 13 23-2350		EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	37.80	23.47
			For Work In Restricted Working Space, Add	*10.69*	
23 21 13 23-2351		EA	2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	46.55	28.26
			For Work In Restricted Working Space, Add	*12.87*	
23 21 13 23-2352		EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	65.33	39.26
			For Work In Restricted Working Space, Add	*17.85*	
23 21 13 23-2353		EA	3" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	90.98	54.23
			For Work In Restricted Working Space, Add	*24.67*	
23 21 13 23-2354		EA	4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	121.95	67.42
			For Work In Restricted Working Space, Add	*30.67*	
23 21 13 23-2355		EA	6" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	167.94	78.50
			For Work In Restricted Working Space, Add	*35.67*	
23 21 13 23-2356		EA	8" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	419.34	90.69
			For Work In Restricted Working Space, Add	*41.22*	
23 21 13 23-2357		EA	10" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	497.29	121.65
			For Work In Restricted Working Space, Add	*55.29*	
23 21 13 23-2358			**Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts** *(23 21 13 23-2280)*		
23 21 13 23-2359		EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	17.86	10.78
			For Work In Restricted Working Space, Add	*4.83*	
23 21 13 23-2360		EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	23.23	14.28
			For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-2361		EA	1" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	28.80	17.78
			For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2362		EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	41.02	25.17
			For Work In Restricted Working Space, Add	*11.31*	
23 21 13 23-2363		EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	46.33	28.36
			For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-2364		EA	2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	59.23	36.05
			For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-2365		EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	87.48	53.34
			For Work In Restricted Working Space, Add	*23.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2366	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	113.87	70.12
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-2367	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	144.58	83.30
		For Work In Restricted Working Space, Add	*37.46*	

23 21 13 23-2368 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters *(23 21 13 23-2280)*

23 21 13 23-2369	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	18.44	10.78
		For Work In Restricted Working Space, Add	*4.83*	
23 21 13 23-2370	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	23.81	14.28
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-2371	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	29.97	17.78
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2372	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	41.69	25.17
		For Work In Restricted Working Space, Add	*11.31*	
23 21 13 23-2373	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	47.83	28.36
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-2374	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	60.57	36.05
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-2375	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	88.97	53.34
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-2376	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	118.45	70.12
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-2377	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	141.92	83.30
		For Work In Restricted Working Space, Add	*37.46*	

23 21 13 23-2378 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters *(23 21 13 23-2280)*

23 21 13 23-2379	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	16.94	10.78
		For Work In Restricted Working Space, Add	*4.83*	
23 21 13 23-2380	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	22.56	14.28
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-2381	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	27.89	17.78
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2382	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	39.69	25.17
		For Work In Restricted Working Space, Add	*11.31*	
23 21 13 23-2383	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	44.83	28.36
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-2384	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	57.15	36.05
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-2385	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	93.63	53.34
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-2386	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	123.61	70.12
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-2387	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	155.40	83.30
		For Work In Restricted Working Space, Add	*37.46*	

23 21 13 23-2388 Schedule 40 Polyvinyl Chloride (PVC) P-Traps *(23 21 13 23-2280)*

23 21 13 23-2389	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) P-Traps	28.05	14.68
		For Work In Restricted Working Space, Add	*6.59*	

23 21 13 23-2390 Schedule 40 Polyvinyl Chloride (PVC) Couplings *(23 21 13 23-2280)*

23 21 13 23-2391	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	16.61	10.78
		For Work In Restricted Working Space, Add	*4.83*	
23 21 13 23-2392	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	22.15	14.28
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-2393	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Couplings	27.89	17.78
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2394	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	39.36	25.17
		For Work In Restricted Working Space, Add	*11.31*	
23 21 13 23-2395	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	44.33	28.36
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-2396	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	56.82	36.05
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-2397	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	86.23	53.34
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-2398	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Couplings	115.04	70.12
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-2399	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	139.25	83.30
		For Work In Restricted Working Space, Add	*37.46*	
23 21 13 23-2400	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Couplings	188.31	95.18
		For Work In Restricted Working Space, Add	*42.81*	
23 21 13 23-2401	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Couplings	251.71	111.07
		For Work In Restricted Working Space, Add	*49.94*	
23 21 13 23-2402	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Couplings	569.71	119.06
		For Work In Restricted Working Space, Add	*53.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2403		**Schedule 40 Polyvinyl Chloride (PVC) Unions** *(23 21 13 23-2280)*		
23 21 13 23-2404	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	32.89	17.78
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2405	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	46.29	21.48
		For Work In Restricted Working Space, Add	*9.67*	
23 21 13 23-2406	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Unions	58.23	28.36
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-2407	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	92.29	36.05
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-2408	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	104.39	42.95
		For Work In Restricted Working Space, Add	*19.33*	
23 21 13 23-2409	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Unions	133.76	53.34
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-2410	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	202.87	70.12
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-2411	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Unions	228.42	83.30
		For Work In Restricted Working Space, Add	*37.46*	
23 21 13 23-2412	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Unions	371.84	111.07
		For Work In Restricted Working Space, Add	*49.94*	
23 21 13 23-2413	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Unions	490.01	143.23
		For Work In Restricted Working Space, Add	*64.41*	
23 21 13 23-2414	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Unions	720.41	177.59
		For Work In Restricted Working Space, Add	*79.86*	
23 21 13 23-2415	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Unions	1,079.22	220.43
		For Work In Restricted Working Space, Add	*99.17*	
23 21 13 23-2416		**Schedule 40 Polyvinyl Chloride (PVC) Caps** *(23 21 13 23-2280)*		
23 21 13 23-2417	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	8.02	4.87
		For Work In Restricted Working Space, Add	*2.21*	
23 21 13 23-2418	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	10.50	6.39
		For Work In Restricted Working Space, Add	*2.90*	
23 21 13 23-2419	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Caps	13.31	7.89
		For Work In Restricted Working Space, Add	*3.59*	
23 21 13 23-2420	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	19.04	11.35
		For Work In Restricted Working Space, Add	*5.16*	
23 21 13 23-2421	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	21.13	12.59
		For Work In Restricted Working Space, Add	*5.74*	
23 21 13 23-2422	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Caps	26.70	16.08
		For Work In Restricted Working Space, Add	*7.29*	
23 21 13 23-2423	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	43.87	23.78
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-2424	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Caps	55.88	31.26
		For Work In Restricted Working Space, Add	*14.19*	
23 21 13 23-2425	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Caps	75.83	37.06
		For Work In Restricted Working Space, Add	*16.85*	
23 21 13 23-2426	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Caps	111.25	42.35
		For Work In Restricted Working Space, Add	*19.26*	
23 21 13 23-2427	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Caps	232.26	49.44
		For Work In Restricted Working Space, Add	*22.47*	
23 21 13 23-2428	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Caps	693.88	73.71
		For Work In Restricted Working Space, Add	*33.51*	
23 21 13 23-2429		**Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges** *(23 21 13 23-2280)*		
23 21 13 23-2430	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Socket Weld Flanges	43.37	17.78
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2431	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	57.86	21.48
		For Work In Restricted Working Space, Add	*9.67*	
23 21 13 23-2432	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	71.05	28.36
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-2433	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	83.38	36.05
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-2434	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	94.48	42.95
		For Work In Restricted Working Space, Add	*19.33*	
23 21 13 23-2435	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	119.86	53.34
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-2436	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	166.82	70.12
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-2437	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	192.95	83.30
		For Work In Restricted Working Space, Add	*37.46*	
23 21 13 23-2438	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	252.71	111.07
		For Work In Restricted Working Space, Add	*49.94*	
23 21 13 23-2439	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	350.31	143.23
		For Work In Restricted Working Space, Add	*64.41*	
23 21 13 23-2440	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	572.14	177.59
		For Work In Restricted Working Space, Add	*79.86*	
23 21 13 23-2441	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	1,019.59	220.13
		For Work In Restricted Working Space, Add	*99.01*	
23 21 13 23-2442		**Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings** *(23 21 13 23-2279)*		
		Note: ASTM D1785 with D2467 fittings.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2443		**Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe** *(23 21 13 23-2442)*		
23 21 13 23-2444	LF	1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	5.20	2.89
		For Work In Restricted Working Space, Add	*1.28*	
23 21 13 23-2445	LF	3/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	6.52	3.60
		For Work In Restricted Working Space, Add	*1.61*	
23 21 13 23-2446	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	8.16	4.29
		For Work In Restricted Working Space, Add	*1.93*	
23 21 13 23-2447	LF	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	9.86	4.99
		For Work In Restricted Working Space, Add	*2.25*	
23 21 13 23-2448	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	11.39	5.69
		For Work In Restricted Working Space, Add	*2.57*	
23 21 13 23-2449	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	14.83	7.20
		For Work In Restricted Working Space, Add	*3.22*	
23 21 13 23-2450	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	17.90	7.89
		For Work In Restricted Working Space, Add	*3.55*	
23 21 13 23-2451	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	20.96	8.59
		For Work In Restricted Working Space, Add	*3.87*	
23 21 13 23-2452	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	27.96	10.78
		For Work In Restricted Working Space, Add	*4.83*	
23 21 13 23-2453	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	44.00	14.28
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-2454	LF	8" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	59.93	17.08
		For Work In Restricted Working Space, Add	*7.68*	
23 21 13 23-2455	LF	10" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	133.30	18.37
		For Work In Restricted Working Space, Add	*8.27*	
23 21 13 23-2456		**Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows** *(23 21 13 23-2442)*		
23 21 13 23-2457	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	19.11	10.78
		For Work In Restricted Working Space, Add	*4.83*	
		For Threaded Fittings, Add	*2.42*	
23 21 13 23-2458	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	25.39	14.28
		For Work In Restricted Working Space, Add	*6.44*	
		For Threaded Fittings, Add	*3.22*	
23 21 13 23-2459	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	32.97	17.78
		For Work In Restricted Working Space, Add	*7.99*	
		For Threaded Fittings, Add	*4.00*	
23 21 13 23-2460	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	46.10	25.17
		For Work In Restricted Working Space, Add	*11.31*	
		For Threaded Fittings, Add	*5.65*	
23 21 13 23-2461	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	51.49	28.36
		For Work In Restricted Working Space, Add	*12.75*	
		For Threaded Fittings, Add	*6.38*	
23 21 13 23-2462	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	64.90	36.05
		For Work In Restricted Working Space, Add	*16.20*	
		For Threaded Fittings, Add	*8.10*	
23 21 13 23-2463	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	105.46	53.34
		For Work In Restricted Working Space, Add	*23.97*	
		For Threaded Fittings, Add	*11.99*	
23 21 13 23-2464	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	133.85	70.12
		For Work In Restricted Working Space, Add	*31.54*	
		For Threaded Fittings, Add	*15.77*	
23 21 13 23-2465	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	168.47	83.30
		For Work In Restricted Working Space, Add	*37.46*	
		For Threaded Fittings, Add	*18.73*	
23 21 13 23-2466	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	300.29	95.18
		For Work In Restricted Working Space, Add	*42.81*	
		For Threaded Fittings, Add	*21.40*	
23 21 13 23-2467	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	509.05	111.07
		For Work In Restricted Working Space, Add	*49.94*	
		For Threaded Fittings, Add	*24.97*	
23 21 13 23-2468	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	634.34	165.59
		For Work In Restricted Working Space, Add	*74.46*	
		For Threaded Fittings, Add	*37.23*	
23 21 13 23-2469		**Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows** *(23 21 13 23-2442)*		
23 21 13 23-2470	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	21.85	10.78
		For Work In Restricted Working Space, Add	*4.83*	
		For Threaded Fittings, Add	*2.42*	
23 21 13 23-2471	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	30.22	14.28
		For Work In Restricted Working Space, Add	*6.44*	
		For Threaded Fittings, Add	*3.22*	
23 21 13 23-2472	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	39.79	17.78
		For Work In Restricted Working Space, Add	*7.99*	
		For Threaded Fittings, Add	*4.00*	
23 21 13 23-2473	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	54.51	25.17
		For Work In Restricted Working Space, Add	*11.31*	
		For Threaded Fittings, Add	*5.65*	
23 21 13 23-2474	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	62.31	28.36
		For Work In Restricted Working Space, Add	*12.75*	
		For Threaded Fittings, Add	*6.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2475	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	79.72	36.05
		For Work In Restricted Working Space, Add	*16.20*	
		For Threaded Fittings, Add	*8.10*	
23 21 13 23-2476	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	134.02	53.34
		For Work In Restricted Working Space, Add	*23.97*	
		For Threaded Fittings, Add	*11.99*	
23 21 13 23-2477	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	170.99	70.12
		For Work In Restricted Working Space, Add	*31.54*	
		For Threaded Fittings, Add	*15.77*	
23 21 13 23-2478	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	243.49	83.30
		For Work In Restricted Working Space, Add	*37.46*	
		For Threaded Fittings, Add	*18.73*	
23 21 13 23-2479	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	292.06	95.18
		For Work In Restricted Working Space, Add	*42.81*	
		For Threaded Fittings, Add	*21.40*	
23 21 13 23-2480	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	490.33	111.07
		For Work In Restricted Working Space, Add	*49.94*	
		For Threaded Fittings, Add	*24.97*	
23 21 13 23-2481	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	613.30	165.59
		For Work In Restricted Working Space, Add	*74.46*	
		For Threaded Fittings, Add	*37.23*	
23 21 13 23-2482		**Schedule 80 Polyvinyl Chloride (PVC) Tees** *(23 21 13 23-2442)*		
23 21 13 23-2483	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	33.87	16.88
		For Work In Restricted Working Space, Add	*7.59*	
		For Threaded Fittings, Add	*3.79*	
23 21 13 23-2484	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	41.21	21.48
		For Work In Restricted Working Space, Add	*9.67*	
		For Threaded Fittings, Add	*4.83*	
23 21 13 23-2485	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees	53.74	28.36
		For Work In Restricted Working Space, Add	*12.75*	
		For Threaded Fittings, Add	*6.38*	
23 21 13 23-2486	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	85.05	36.05
		For Work In Restricted Working Space, Add	*16.20*	
		For Threaded Fittings, Add	*8.10*	
23 21 13 23-2487	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	95.49	42.95
		For Work In Restricted Working Space, Add	*19.33*	
		For Threaded Fittings, Add	*9.66*	
23 21 13 23-2488	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees	118.78	53.34
		For Work In Restricted Working Space, Add	*23.97*	
		For Threaded Fittings, Add	*11.99*	
23 21 13 23-2489	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	147.43	70.12
		For Work In Restricted Working Space, Add	*31.54*	
		For Threaded Fittings, Add	*15.77*	
23 21 13 23-2490	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees	177.64	83.30
		For Work In Restricted Working Space, Add	*37.46*	
		For Threaded Fittings, Add	*18.73*	
23 21 13 23-2491	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees	227.65	111.07
		For Work In Restricted Working Space, Add	*49.94*	
		For Threaded Fittings, Add	*24.97*	
23 21 13 23-2492	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees	423.85	143.23
		For Work In Restricted Working Space, Add	*64.44*	
		For Threaded Fittings, Add	*32.22*	
23 21 13 23-2493	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Tees	751.24	177.69
		For Work In Restricted Working Space, Add	*79.90*	
		For Threaded Fittings, Add	*39.95*	
23 21 13 23-2494	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Tees	1,825.01	265.47
		For Work In Restricted Working Space, Add	*119.42*	
		For Threaded Fittings, Add	*59.71*	
23 21 13 23-2495		**Schedule 80 Polyvinyl Chloride (PVC) Crosses** *(23 21 13 23-2442)*		
23 21 13 23-2496	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	45.05	21.07
		For Work In Restricted Working Space, Add	*9.48*	
		For Threaded Fittings, Add	*4.74*	
23 21 13 23-2497	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	54.36	26.87
		For Work In Restricted Working Space, Add	*12.08*	
		For Threaded Fittings, Add	*6.04*	
23 21 13 23-2498	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Crosses	70.75	35.46
		For Work In Restricted Working Space, Add	*15.94*	
		For Threaded Fittings, Add	*7.97*	
23 21 13 23-2499	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	116.17	45.04
		For Work In Restricted Working Space, Add	*20.25*	
		For Threaded Fittings, Add	*10.12*	
23 21 13 23-2500	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	129.23	53.73
		For Work In Restricted Working Space, Add	*24.17*	
		For Threaded Fittings, Add	*12.08*	
23 21 13 23-2501	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	160.83	66.62
		For Work In Restricted Working Space, Add	*29.96*	
		For Threaded Fittings, Add	*14.98*	
23 21 13 23-2502	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	197.73	87.70
		For Work In Restricted Working Space, Add	*39.43*	
		For Threaded Fittings, Add	*19.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2503	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Crosses	238.81	104.07
		For Work In Restricted Working Space, Add	*46.82*	
		For Threaded Fittings, Add	*23.41*	
23 21 13 23-2504	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	304.01	138.83
		For Work In Restricted Working Space, Add	*62.42*	
		For Threaded Fittings, Add	*31.21*	
23 21 13 23-2505	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Crosses	596.11	178.98
		For Work In Restricted Working Space, Add	*80.51*	
		For Threaded Fittings, Add	*40.26*	
23 21 13 23-2506	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Crosses	1,092.87	221.93
		For Work In Restricted Working Space, Add	*99.83*	
		For Threaded Fittings, Add	*49.91*	
23 21 13 23-2507	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Crosses	2,734.71	331.99
		For Work In Restricted Working Space, Add	*149.34*	
		For Threaded Fittings, Add	*74.67*	

23 21 13 23-2508 Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts *(23 21 13 23-2442)*

23 21 13 23-2509	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	23.23	14.28
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-2510	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	31.72	17.78
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2511	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	45.68	25.17
		For Work In Restricted Working Space, Add	*11.31*	
23 21 13 23-2512	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	53.41	28.36
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-2513	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	69.56	36.05
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-2514	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	106.87	53.34
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-2515	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	148.00	70.12
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-2516	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	184.29	83.30
		For Work In Restricted Working Space, Add	*37.46*	
23 21 13 23-2517	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	208.62	95.18
		For Work In Restricted Working Space, Add	*42.81*	
23 21 13 23-2518	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	312.81	111.07
		For Work In Restricted Working Space, Add	*49.94*	
23 21 13 23-2519	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	506.40	128.95
		For Work In Restricted Working Space, Add	*58.01*	

23 21 13 23-2520 Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts *(23 21 13 23-2442)*

23 21 13 23-2521	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	16.69	10.78
		For Work In Restricted Working Space, Add	*4.83*	
23 21 13 23-2522	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	24.73	14.28
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-2523	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	31.72	17.78
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2524	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	48.01	25.17
		For Work In Restricted Working Space, Add	*11.31*	
23 21 13 23-2525	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	55.49	28.36
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-2526	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	69.89	36.05
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-2527	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	113.53	53.34
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-2528	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	167.40	70.12
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-2529	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	220.59	83.30
		For Work In Restricted Working Space, Add	*37.46*	

23 21 13 23-2530 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters *(23 21 13 23-2442)*

23 21 13 23-2531	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	23.19	10.78
		For Work In Restricted Working Space, Add	*4.83*	
23 21 13 23-2532	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	29.31	14.28
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-2533	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	40.29	17.78
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2534	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	53.68	25.17
		For Work In Restricted Working Space, Add	*11.31*	
23 21 13 23-2535	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	65.48	28.36
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-2536	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	83.96	36.05
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-2537	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	114.03	53.34
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-2538	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	143.01	70.12
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-2539	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	192.20	83.30
		For Work In Restricted Working Space, Add	*37.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2540		**Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters** *(23 21 13 23-2442)*		
23 21 13 23-2541	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	21.27	10.78
		For Work In Restricted Working Space, Add	*4.83*	
23 21 13 23-2542	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	29.14	14.28
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-2543	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	37.96	17.78
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2544	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	56.09	25.17
		For Work In Restricted Working Space, Add	*11.31*	
23 21 13 23-2545	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	65.06	28.36
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-2546	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	93.28	36.05
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-2547	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	142.01	53.34
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-2548	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	175.06	70.12
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-2549	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	245.06	83.30
		For Work In Restricted Working Space, Add	*37.46*	
23 21 13 23-2550		**Schedule 80 Polyvinyl Chloride (PVC) Couplings** *(23 21 13 23-2442)*		
23 21 13 23-2551	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	21.60	10.78
		For Work In Restricted Working Space, Add	*4.83*	
		For Threaded Fittings, Add	*2.42*	
23 21 13 23-2552	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	28.89	14.28
		For Work In Restricted Working Space, Add	*6.44*	
		For Threaded Fittings, Add	*3.22*	
23 21 13 23-2553	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Couplings	34.30	17.78
		For Work In Restricted Working Space, Add	*7.99*	
		For Threaded Fittings, Add	*4.00*	
23 21 13 23-2554	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	49.43	25.17
		For Work In Restricted Working Space, Add	*11.31*	
		For Threaded Fittings, Add	*5.65*	
23 21 13 23-2555	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	55.15	28.36
		For Work In Restricted Working Space, Add	*12.75*	
		For Threaded Fittings, Add	*6.38*	
23 21 13 23-2556	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	67.48	36.05
		For Work In Restricted Working Space, Add	*16.20*	
		For Threaded Fittings, Add	*8.10*	
23 21 13 23-2557	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	113.28	53.34
		For Work In Restricted Working Space, Add	*23.97*	
		For Threaded Fittings, Add	*11.99*	
23 21 13 23-2558	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Couplings	143.51	70.12
		For Work In Restricted Working Space, Add	*31.54*	
		For Threaded Fittings, Add	*15.77*	
23 21 13 23-2559	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	172.97	83.30
		For Work In Restricted Working Space, Add	*37.46*	
		For Threaded Fittings, Add	*18.73*	
23 21 13 23-2560	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Couplings	246.17	95.18
		For Work In Restricted Working Space, Add	*42.81*	
		For Threaded Fittings, Add	*21.40*	
23 21 13 23-2561	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Couplings	307.32	111.07
		For Work In Restricted Working Space, Add	*49.94*	
		For Threaded Fittings, Add	*24.97*	
23 21 13 23-2562	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Couplings	594.68	119.06
		For Work In Restricted Working Space, Add	*53.53*	
		For Threaded Fittings, Add	*26.76*	
23 21 13 23-2563		**Schedule 80 Polyvinyl Chloride (PVC) Unions** *(23 21 13 23-2442)*		
23 21 13 23-2564	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	38.96	17.78
		For Work In Restricted Working Space, Add	*7.99*	
23 21 13 23-2565	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	46.46	21.48
		For Work In Restricted Working Space, Add	*9.67*	
23 21 13 23-2566	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Unions	58.73	28.36
		For Work In Restricted Working Space, Add	*12.75*	
23 21 13 23-2567	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	94.62	36.05
		For Work In Restricted Working Space, Add	*16.20*	
23 21 13 23-2568	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	116.71	42.95
		For Work In Restricted Working Space, Add	*19.33*	
23 21 13 23-2569	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Unions	150.75	53.34
		For Work In Restricted Working Space, Add	*23.97*	
23 21 13 23-2570	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	237.04	70.12
		For Work In Restricted Working Space, Add	*31.54*	
23 21 13 23-2571	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Unions	294.88	83.30
		For Work In Restricted Working Space, Add	*37.46*	
23 21 13 23-2572	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Unions	372.34	111.07
		For Work In Restricted Working Space, Add	*49.94*	
23 21 13 23-2573	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Unions	490.01	143.23
		For Work In Restricted Working Space, Add	*64.41*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2574		EA	8" Schedule 80 Polyvinyl Chloride (PVC) Unions	720.41	177.59
			For Work In Restricted Working Space, Add	*79.86*	
23 21 13 23-2575		EA	10" Schedule 80 Polyvinyl Chloride (PVC) Unions	1,078.70	220.13
			For Work In Restricted Working Space, Add	*99.01*	

23 21 13 23-2576 Schedule 80 Polyvinyl Chloride (PVC) Threaded Unions *(23 21 13 23-2442)*

23 21 13 23-2577		EA	1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	40.44	22.19
23 21 13 23-2578		EA	3/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	48.46	25.67
23 21 13 23-2579		EA	1", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	58.84	30.27
23 21 13 23-2580		EA	1-1/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	79.55	36.05
23 21 13 23-2581		EA	1-1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	95.95	42.95
23 21 13 23-2582		EA	2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	128.02	53.34
23 21 13 23-2583		EA	3", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	276.85	103.38
23 21 13 23-2584		EA	4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	299.74	114.66

23 21 13 23-2585 Schedule 80 Polyvinyl Chloride (PVC) Caps *(23 21 13 23-2442)*

23 21 13 23-2586		EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	14.99	4.80
			For Work In Restricted Working Space, Add	*2.18*	
			For Threaded Fittings, Add	*1.09*	
23 21 13 23-2587		EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Caps	17.83	6.39
			For Work In Restricted Working Space, Add	*2.90*	
			For Threaded Fittings, Add	*1.45*	
23 21 13 23-2588		EA	1" Schedule 80 Polyvinyl Chloride (PVC) Caps	26.47	7.89
			For Work In Restricted Working Space, Add	*3.59*	
			For Threaded Fittings, Add	*1.80*	
23 21 13 23-2589		EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Caps	34.44	11.19
			For Work In Restricted Working Space, Add	*5.09*	
			For Threaded Fittings, Add	*2.54*	
23 21 13 23-2590		EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	36.61	12.59
			For Work In Restricted Working Space, Add	*5.74*	
			For Threaded Fittings, Add	*2.87*	
23 21 13 23-2591		EA	2" Schedule 80 Polyvinyl Chloride (PVC) Caps	50.51	16.08
			For Work In Restricted Working Space, Add	*7.29*	
			For Threaded Fittings, Add	*3.64*	
23 21 13 23-2592		EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	89.82	23.78
			For Work In Restricted Working Space, Add	*10.79*	
			For Threaded Fittings, Add	*5.39*	
23 21 13 23-2593		EA	3" Schedule 80 Polyvinyl Chloride (PVC) Caps	113.16	31.26
			For Work In Restricted Working Space, Add	*14.19*	
			For Threaded Fittings, Add	*7.10*	
23 21 13 23-2594		EA	4" Schedule 80 Polyvinyl Chloride (PVC) Caps	162.08	37.06
			For Work In Restricted Working Space, Add	*16.85*	
			For Threaded Fittings, Add	*8.43*	
23 21 13 23-2595		EA	6" Schedule 80 Polyvinyl Chloride (PVC) Caps	327.29	42.35
			For Work In Restricted Working Space, Add	*19.26*	
			For Threaded Fittings, Add	*9.63*	
23 21 13 23-2596		EA	8" Schedule 80 Polyvinyl Chloride (PVC) Caps	436.31	49.44
			For Work In Restricted Working Space, Add	*22.47*	
			For Threaded Fittings, Add	*11.24*	
23 21 13 23-2597		EA	10" Schedule 80 Polyvinyl Chloride (PVC) Caps	777.13	73.71
			For Work In Restricted Working Space, Add	*33.51*	
			For Threaded Fittings, Add	*16.75*	

23 21 13 23-2598 Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges *(23 21 13 23-2442)*

23 21 13 23-2599		EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	50.53	17.78
			For Work In Restricted Working Space, Add	*7.99*	
			For Threaded Fittings, Add	*4.00*	
23 21 13 23-2600		EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	57.86	21.48
			For Work In Restricted Working Space, Add	*9.67*	
			For Threaded Fittings, Add	*4.83*	
23 21 13 23-2601		EA	1" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	71.06	28.36
			For Work In Restricted Working Space, Add	*12.75*	
			For Threaded Fittings, Add	*6.38*	
23 21 13 23-2602		EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	83.38	36.05
			For Work In Restricted Working Space, Add	*16.20*	
			For Threaded Fittings, Add	*8.10*	
23 21 13 23-2603		EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	94.48	42.95
			For Work In Restricted Working Space, Add	*19.33*	
			For Threaded Fittings, Add	*9.66*	
23 21 13 23-2604		EA	2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	119.86	53.34
			For Work In Restricted Working Space, Add	*23.97*	
			For Threaded Fittings, Add	*11.99*	
23 21 13 23-2605		EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	166.82	70.12
			For Work In Restricted Working Space, Add	*31.54*	
			For Threaded Fittings, Add	*15.77*	
23 21 13 23-2606		EA	3" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	192.95	83.30
			For Work In Restricted Working Space, Add	*37.46*	
			For Threaded Fittings, Add	*18.73*	
23 21 13 23-2607		EA	4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	252.71	111.07
			For Work In Restricted Working Space, Add	*49.94*	
			For Threaded Fittings, Add	*24.97*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2608	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	350.32	143.23
		For Work In Restricted Working Space, Add	*64.41*	
		For Threaded Fittings, Add	*32.21*	
23 21 13 23-2609	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	572.15	177.59
		For Work In Restricted Working Space, Add	*79.86*	
		For Threaded Fittings, Add	*39.93*	
23 21 13 23-2610	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	1,019.59	220.13
		For Work In Restricted Working Space, Add	*99.01*	
		For Threaded Fittings, Add	*49.50*	
23 21 13 23-2611		Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe *(23 21 13 23-2279)*		
		Note: In place pipe.		
23 21 13 23-2612	EA	1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	5.42	
		For Work In Restricted Working Space, Add	*1.63*	
23 21 13 23-2613	EA	3/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	5.85	
		For Work In Restricted Working Space, Add	*1.76*	
23 21 13 23-2614	EA	1", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	6.59	
		For Work In Restricted Working Space, Add	*1.98*	
23 21 13 23-2615	EA	1-1/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	6.91	
		For Work In Restricted Working Space, Add	*2.07*	
23 21 13 23-2616	EA	1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.32	
		For Work In Restricted Working Space, Add	*2.20*	
23 21 13 23-2617	EA	2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	8.06	
		For Work In Restricted Working Space, Add	*2.42*	
23 21 13 23-2618	EA	2-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	8.67	
		For Work In Restricted Working Space, Add	*2.60*	
23 21 13 23-2619	EA	3", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	10.24	
		For Work In Restricted Working Space, Add	*3.07*	
23 21 13 23-2620	EA	4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	13.83	
		For Work In Restricted Working Space, Add	*4.15*	
23 21 13 23-2621	EA	6", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	19.76	
		For Work In Restricted Working Space, Add	*5.93*	
23 21 13 23-2622	EA	8", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	26.35	
		For Work In Restricted Working Space, Add	*7.91*	
23 21 13 23-2623	EA	10", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	32.22	
		For Work In Restricted Working Space, Add	*9.67*	
23 21 13 23-2624		Polyvinylidene Fluoride (PVDF), Socket Weld *(23 21 13 23)*		
23 21 13 23-2625		Pipe *(23 21 13 23-2624)*		
23 21 13 23-2626	LF	1/2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	38.09	2.89
23 21 13 23-2627	LF	3/4" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	51.03	3.60
23 21 13 23-2628	LF	1" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	72.25	3.80
23 21 13 23-2629	LF	1-1/2" Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	101.29	4.19
23 21 13 23-2630	LF	2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	128.40	4.99
23 21 13 23-2631		90 Degree Elbows *(23 21 13 23-2624)*		
23 21 13 23-2632	EA	1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	50.80	10.68
23 21 13 23-2633	EA	3/4" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	67.84	14.28
23 21 13 23-2634	EA	1" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	114.98	17.78
23 21 13 23-2635	EA	1-1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	200.70	28.36
23 21 13 23-2636	EA	2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	262.11	36.05
23 21 13 23-2637		45 Degree Elbows *(23 21 13 23-2624)*		
23 21 13 23-2638	EA	1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	59.55	10.78
23 21 13 23-2639	EA	3/4" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	80.16	14.28
23 21 13 23-2640	EA	1" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	114.98	17.78
23 21 13 23-2641	EA	1-1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	171.20	28.36
23 21 13 23-2642	EA	2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	254.33	36.05
23 21 13 23-2643		Tees *(23 21 13 23-2624)*		
23 21 13 23-2644	EA	1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	95.37	17.78
23 21 13 23-2645	EA	3/4" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	105.16	21.48
23 21 13 23-2646	EA	1" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	153.69	28.36
23 21 13 23-2647	EA	1-1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	254.72	42.95
23 21 13 23-2648	EA	2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	379.44	53.34
23 21 13 23-2649		Reducing Tees *(23 21 13 23-2624)*		
23 21 13 23-2650	EA	3/4" x 1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	108.74	19.98
23 21 13 23-2651	EA	1" x 1/2" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	154.57	23.27
23 21 13 23-2652	EA	1" x 3/4" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	157.57	25.27
23 21 13 23-2653	EA	1-1/2" x 1" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	274.38	35.96
23 21 13 23-2654	EA	2" x 1-1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	413.93	47.94
23 21 13 23-2655		Socket Weld Reducing Couplings *(23 21 13 23-2624)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2656	EA	3/4" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	57.55	12.69
23 21 13 23-2657	EA	1" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	74.49	14.68
23 21 13 23-2658	EA	1" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	81.70	16.68
23 21 13 23-2659	EA	1-1/2" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	127.21	19.98
23 21 13 23-2660	EA	1-1/2" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	135.73	21.97
23 21 13 23-2661	EA	1-1/2" x 1" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	137.73	23.27
23 21 13 23-2662	EA	2" x 1-1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	194.17	32.67
23 21 13 23-2663		**Male Adapters, Socket Weld X Male Thread** *(23 21 13 23-2624)*		
23 21 13 23-2664	EA	1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	84.84	10.78
23 21 13 23-2665	EA	3/4" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	108.04	14.28
23 21 13 23-2666	EA	1" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	123.89	17.78
23 21 13 23-2667	EA	1-1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	156.61	28.36
23 21 13 23-2668	EA	2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	213.76	35.96
23 21 13 23-2669		**Female Adapters, Socket Weld X Female Thread** *(23 21 13 23-2624)*		
23 21 13 23-2670	EA	1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	84.84	10.78
23 21 13 23-2671	EA	3/4" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	108.36	14.28
23 21 13 23-2672	EA	1" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	123.89	17.78
23 21 13 23-2673	EA	1-1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	156.61	28.36
23 21 13 23-2674	EA	2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	213.81	36.05
23 21 13 23-2675		**Socket Weld Couplings** *(23 21 13 23-2624)*		
23 21 13 23-2676	EA	1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	40.42	10.78
23 21 13 23-2677	EA	3/4" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	51.63	14.28
23 21 13 23-2678	EA	1" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	67.16	17.78
23 21 13 23-2679	EA	1-1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	126.79	28.36
23 21 13 23-2680	EA	2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	175.56	36.05
23 21 13 23-2681		**Socket Weld Unions** *(23 21 13 23-2624)*		
23 21 13 23-2682	EA	1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	177.38	17.78
23 21 13 23-2683	EA	3/4" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	212.46	21.48
23 21 13 23-2684	EA	1" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	307.36	28.36
23 21 13 23-2685	EA	1-1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	542.60	42.95
23 21 13 23-2686	EA	2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	668.29	53.34
23 21 13 23-2687		**Caps** *(23 21 13 23-2624)*		
23 21 13 23-2688	EA	1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	32.10	5.37
23 21 13 23-2689	EA	3/4" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	45.58	7.16
23 21 13 23-2690	EA	1" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	57.37	8.85
23 21 13 23-2691	EA	1-1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	102.30	14.15
23 21 13 23-2692	EA	2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	146.27	17.96
23 21 13 23-2693		**150 LB Socket Weld Flanges** *(23 21 13 23-2624)*		
23 21 13 23-2694	EA	1/2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	117.73	17.98
23 21 13 23-2695	EA	3/4" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	148.92	21.28
23 21 13 23-2696	EA	1" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	196.16	28.66
23 21 13 23-2697	EA	1-1/2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	281.63	43.35
23 21 13 23-2698	EA	2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	452.71	53.34
23 21 13 23-2699		**Polyethylene Pipe And Fittings** *(23 21 13 23)*		
23 21 13 23-2700		**Small Diameter Tubing** *(23 21 13 23-2699)*		
23 21 13 23-2701		**Tubing** *(23 21 13 23-2700)*		
23 21 13 23-2702	LF	1/4" Polyethylene Tubing	3.21	
		For Work In Restricted Working Space, Add	*0.90*	
23 21 13 23-2703	LF	5/16" Polyethylene Tubing	3.45	
		For Work In Restricted Working Space, Add	*0.92*	
23 21 13 23-2704	LF	3/8" Polyethylene Tubing	3.63	
		For Work In Restricted Working Space, Add	*0.94*	
23 21 13 23-2705	LF	1/2" Polyethylene Tubing	3.76	
		For Work In Restricted Working Space, Add	*1.02*	
23 21 13 23-2706		**Chrome Plated Pipe** *(23 21 13 23)*		
23 21 13 23-2707		**Chrome Plated Nipples** *(23 21 13 23-2706)*		
23 21 13 23-2708		**Close** *(23 21 13 23-2707)*		
23 21 13 23-2709	EA	1/4" Diameter Chrome Plated Nipple, Close	20.64	8.67
23 21 13 23-2710	EA	3/8" Diameter Chrome Plated Nipple, Close	19.32	9.44
23 21 13 23-2711	EA	1/2" Diameter Chrome Plated Nipple, Close	24.33	10.85
23 21 13 23-2712	EA	3/4" Diameter Chrome Plated Nipple, Close	32.12	13.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2713	EA	1" Diameter Chrome Plated Nipple, Close	43.14	18.11
23 21 13 23-2714	EA	1-1/4" Diameter Chrome Plated Nipple, Close	61.22	25.27
23 21 13 23-2715	EA	1-1/2" Diameter Chrome Plated Nipple, Close	75.19	29.61
23 21 13 23-2716	EA	2" Diameter Chrome Plated Nipple, Close	97.43	36.88
23 21 13 23-2717		**1-1/2" Nipples** *(23 21 13 23-2707)*		
23 21 13 23-2718	EA	1/4" Diameter, 1-1/2" Length, Chrome Plated Nipple	22.14	9.01
23 21 13 23-2719	EA	3/8" Diameter, 1-1/2" Length, Chrome Plated Nipple	20.46	9.76
23 21 13 23-2720	EA	1/2" Diameter, 1-1/2" Length, Chrome Plated Nipple	24.90	11.17
23 21 13 23-2721	EA	3/4" Diameter, 1-1/2" Length, Chrome Plated Nipple	33.31	14.10
23 21 13 23-2722		**2" Nipples** *(23 21 13 23-2707)*		
23 21 13 23-2723	EA	1/4" Diameter, 2" Length, Chrome Plated Nipple	23.03	9.44
23 21 13 23-2724	EA	3/8" Diameter, 2" Length, Chrome Plated Nipple	21.16	10.08
23 21 13 23-2725	EA	1/2" Diameter, 2" Length, Chrome Plated Nipple	27.03	11.60
23 21 13 23-2726	EA	3/4" Diameter, 2" Length, Chrome Plated Nipple	35.10	14.43
23 21 13 23-2727	EA	1" Diameter, 2" Length, Chrome Plated Nipple	45.75	18.77
23 21 13 23-2728	EA	1-1/4" Diameter, 2" Length, Chrome Plated Nipple	65.67	26.03
23 21 13 23-2729	EA	1-1/2" Diameter, 2" Length, Chrome Plated Nipple	80.39	30.37
23 21 13 23-2730		**2-1/2" Nipples** *(23 21 13 23-2707)*		
23 21 13 23-2731	EA	1/4" Diameter, 2-1/2" Length, Chrome Plated Nipple	24.43	9.76
23 21 13 23-2732	EA	3/8" Diameter, 2-1/2" Length, Chrome Plated Nipple	21.93	10.52
23 21 13 23-2733	EA	1/2" Diameter, 2-1/2" Length, Chrome Plated Nipple	28.25	11.93
23 21 13 23-2734	EA	3/4" Diameter, 2-1/2" Length, Chrome Plated Nipple	35.93	14.86
23 21 13 23-2735	EA	1" Diameter, 2-1/2" Length, Chrome Plated Nipple	47.12	19.20
23 21 13 23-2736	EA	1-1/4" Diameter, 2-1/2" Length, Chrome Plated Nipple	70.10	26.35
23 21 13 23-2737	EA	1-1/2" Diameter, 2-1/2" Length, Chrome Plated Nipple	86.35	30.69
23 21 13 23-2738	EA	2" Diameter, 2-1/2" Length, Chrome Plated Nipple	110.30	37.96
23 21 13 23-2739		**3" Nipples** *(23 21 13 23-2707)*		
23 21 13 23-2740	EA	1/4" Diameter, 3" Length, Chrome Plated Nipple	25.47	10.08
23 21 13 23-2741	EA	3/8" Diameter, 3" Length, Chrome Plated Nipple	23.34	10.85
23 21 13 23-2742	EA	1/2" Diameter, 3" Length, Chrome Plated Nipple	27.96	11.60
23 21 13 23-2743	EA	3/4" Diameter, 3" Length, Chrome Plated Nipple	39.13	15.18
23 21 13 23-2744	EA	1" Diameter, 3" Length, Chrome Plated Nipple	53.77	19.52
23 21 13 23-2745	EA	1-1/4" Diameter, 3" Length, Chrome Plated Nipple	74.95	26.79
23 21 13 23-2746	EA	1-1/2" Diameter, 3" Length, Chrome Plated Nipple	100.56	31.13
23 21 13 23-2747	EA	2" Diameter, 3" Length, Chrome Plated Nipple	121.41	38.39
23 21 13 23-2748		**3-1/2" Nipples** *(23 21 13 23-2707)*		
23 21 13 23-2749	EA	1/4" Diameter, 3-1/2" Length, Chrome Plated Nipple	26.67	10.52
23 21 13 23-2750	EA	3/8" Diameter, 3-1/2" Length, Chrome Plated Nipple	25.85	11.17
23 21 13 23-2751	EA	1/2" Diameter, 3-1/2" Length, Chrome Plated Nipple	30.86	12.69
23 21 13 23-2752	EA	3/4" Diameter, 3-1/2" Length, Chrome Plated Nipple	43.90	15.51
23 21 13 23-2753	EA	1" Diameter, 3-1/2" Length, Chrome Plated Nipple	56.26	19.84
23 21 13 23-2754	EA	1-1/4" Diameter, 3-1/2" Length, Chrome Plated Nipple	84.60	27.12
23 21 13 23-2755	EA	1-1/2" Diameter, 3-1/2" Length, Chrome Plated Nipple	104.72	31.45
23 21 13 23-2756	EA	2" Diameter, 3-1/2" Length, Chrome Plated Nipple	130.23	38.72
23 21 13 23-2757		**4" Nipples** *(23 21 13 23-2707)*		
23 21 13 23-2758	EA	1/4" Diameter, 4" Length, Chrome Plated Nipple	27.85	10.85
23 21 13 23-2759	EA	3/8" Diameter, 4" Length, Chrome Plated Nipple	26.46	11.60
23 21 13 23-2760	EA	1/2" Diameter, 4" Length, Chrome Plated Nipple	31.33	12.26
23 21 13 23-2761	EA	3/4" Diameter, 4" Length, Chrome Plated Nipple	45.70	15.95
23 21 13 23-2762	EA	1" Diameter, 4" Length, Chrome Plated Nipple	58.60	20.28
23 21 13 23-2763	EA	1-1/4" Diameter, 4" Length, Chrome Plated Nipple	91.91	27.44
23 21 13 23-2764	EA	1-1/2" Diameter, 4" Length, Chrome Plated Nipple	113.42	31.78
23 21 13 23-2765	EA	2" Diameter, 4" Length, Chrome Plated Nipple	141.02	39.05
23 21 13 23-2766		**4-1/2" Nipples** *(23 21 13 23-2707)*		
23 21 13 23-2767	EA	1/4" Diameter, 4-1/2" Length, Chrome Plated Nipple	28.90	11.17
23 21 13 23-2768	EA	3/8" Diameter, 4-1/2" Length, Chrome Plated Nipple	28.97	11.93
23 21 13 23-2769	EA	1/2" Diameter, 4-1/2" Length, Chrome Plated Nipple	34.40	13.34
23 21 13 23-2770	EA	3/4" Diameter, 4-1/2" Length, Chrome Plated Nipple	47.79	16.27
23 21 13 23-2771	EA	1" Diameter, 4-1/2" Length, Chrome Plated Nipple	67.09	20.61
23 21 13 23-2772	EA	1-1/4" Diameter, 4-1/2" Length, Chrome Plated Nipple	98.92	27.87
23 21 13 23-2773	EA	1-1/2" Diameter, 4-1/2" Length, Chrome Plated Nipple	117.23	32.22
23 21 13 23-2774	EA	2" Diameter, 4-1/2" Length, Chrome Plated Nipple	150.94	39.48
23 21 13 23-2775		**5" Nipples** *(23 21 13 23-2707)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2776	EA	1/4" Diameter, 5" Length, Chrome Plated Nipple	32.84	11.60
23 21 13 23-2777	EA	3/8" Diameter, 5" Length, Chrome Plated Nipple	30.47	12.26
23 21 13 23-2778	EA	1/2" Diameter, 5" Length, Chrome Plated Nipple	35.70	13.77
23 21 13 23-2779	EA	3/4" Diameter, 5" Length, Chrome Plated Nipple	49.78	16.59
23 21 13 23-2780	EA	1" Diameter, 5" Length, Chrome Plated Nipple	72.19	20.93
23 21 13 23-2781	EA	1-1/4" Diameter, 5" Length, Chrome Plated Nipple	105.27	28.20
23 21 13 23-2782	EA	1-1/2" Diameter, 5" Length, Chrome Plated Nipple	125.96	32.54
23 21 13 23-2783	EA	2" Diameter, 5" Length, Chrome Plated Nipple	157.30	39.80
23 21 13 23-2784		**5-1/2" Nipples** *(23 21 13 23-2707)*		
23 21 13 23-2785	EA	1/4" Diameter, 5-1/2" Length, Chrome Plated Nipple	33.92	11.93
23 21 13 23-2786	EA	3/8" Diameter, 5-1/2" Length, Chrome Plated Nipple	31.63	12.69
23 21 13 23-2787	EA	1/2" Diameter, 5-1/2" Length, Chrome Plated Nipple	39.63	14.10
23 21 13 23-2788	EA	3/4" Diameter, 5-1/2" Length, Chrome Plated Nipple	51.76	17.02
23 21 13 23-2789	EA	1" Diameter, 5-1/2" Length, Chrome Plated Nipple	74.78	21.37
23 21 13 23-2790	EA	1-1/4" Diameter, 5-1/2" Length, Chrome Plated Nipple	113.02	28.53
23 21 13 23-2791	EA	1-1/2" Diameter, 5-1/2" Length, Chrome Plated Nipple	132.90	32.86
23 21 13 23-2792	EA	2" Diameter, 5-1/2" Length, Chrome Plated Nipple	165.42	40.13
23 21 13 23-2793		**6" Nipples** *(23 21 13 23-2707)*		
23 21 13 23-2794	EA	1/4" Diameter, 6" Length, Chrome Plated Nipple	35.21	12.26
23 21 13 23-2795	EA	3/8" Diameter, 6" Length, Chrome Plated Nipple	32.21	13.02
23 21 13 23-2796	EA	1/2" Diameter, 6" Length, Chrome Plated Nipple	40.80	14.43
23 21 13 23-2797	EA	3/4" Diameter, 6" Length, Chrome Plated Nipple	53.36	17.36
23 21 13 23-2798	EA	1" Diameter, 6" Length, Chrome Plated Nipple	83.02	21.69
23 21 13 23-2799	EA	1-1/4" Diameter, 6" Length, Chrome Plated Nipple	117.71	28.96
23 21 13 23-2800	EA	1-1/2" Diameter, 6" Length, Chrome Plated Nipple	143.65	33.29
23 21 13 23-2801	EA	2" Diameter, 6" Length, Chrome Plated Nipple	172.86	40.57
23 21 13 23-2802		**8" Nipples** *(23 21 13 23-2707)*		
23 21 13 23-2803	EA	3/8" Diameter, 8" Length, Chrome Plated Nipple	39.33	13.77
23 21 13 23-2804	EA	1/2" Diameter, 8" Length, Chrome Plated Nipple	60.74	15.18
23 21 13 23-2805	EA	3/4" Diameter, 8" Length, Chrome Plated Nipple	74.04	18.11
23 21 13 23-2806	EA	1" Diameter, 8" Length, Chrome Plated Nipple	99.23	22.45
23 21 13 23-2807	EA	1-1/4" Diameter, 8" Length, Chrome Plated Nipple	143.65	29.61
23 21 13 23-2808	EA	1-1/2" Diameter, 8" Length, Chrome Plated Nipple	177.68	33.95
23 21 13 23-2809	EA	2" Diameter, 8" Length, Chrome Plated Nipple	219.27	41.21
23 21 13 23-2810		**10" Nipples** *(23 21 13 23-2707)*		
23 21 13 23-2811	EA	3/8" Diameter, 10" Length, Chrome Plated Nipple	46.45	13.77
23 21 13 23-2812	EA	1/2" Diameter, 10" Length, Chrome Plated Nipple	69.71	15.18
23 21 13 23-2813	EA	3/4" Diameter, 10" Length, Chrome Plated Nipple	84.43	18.11
23 21 13 23-2814	EA	1" Diameter, 10" Length, Chrome Plated Nipple	114.95	22.45
23 21 13 23-2815	EA	1-1/4" Diameter, 10" Length, Chrome Plated Nipple	177.29	29.61
23 21 13 23-2816	EA	1-1/2" Diameter, 10" Length, Chrome Plated Nipple	203.30	33.95
23 21 13 23-2817	EA	2" Diameter, 10" Length, Chrome Plated Nipple	260.24	41.21
23 21 13 23-2818		**12" Nipples** *(23 21 13 23-2707)*		
23 21 13 23-2819	EA	3/8" Diameter, 12" Length, Chrome Plated Nipple	51.90	15.18
23 21 13 23-2820	EA	1/2" Diameter, 12" Length, Chrome Plated Nipple	72.97	15.95
23 21 13 23-2821	EA	3/4" Diameter, 12" Length, Chrome Plated Nipple	93.84	18.77
23 21 13 23-2822	EA	1" Diameter, 12" Length, Chrome Plated Nipple	136.19	23.86
23 21 13 23-2823	EA	1-1/4" Diameter, 12" Length, Chrome Plated Nipple	200.02	31.13
23 21 13 23-2824	EA	2" Diameter, 12" Length, Chrome Plated Nipple	295.18	42.73
23 21 13 23-2825		**18" Nipples** *(23 21 13 23-2707)*		
23 21 13 23-2826	EA	3/8" Diameter, 18" Length, Chrome Plated Nipple	67.95	15.95
23 21 13 23-2827		**24" Nipples** *(23 21 13 23-2707)*		
23 21 13 23-2828	EA	3/8" Diameter, 24" Length, Chrome Plated Nipple	83.31	16.59
23 21 13 23-2829		**30" Nipples** *(23 21 13 23-2707)*		
23 21 13 23-2830	EA	3/8" Diameter, 30" Length, Chrome Plated Nipple	92.97	17.36
23 21 13 23-2831		**36" Nipples** *(23 21 13 23-2707)*		
23 21 13 23-2832	EA	3/8" Diameter, 36" Length, Chrome Plated Nipple	102.64	18.11
23 21 13 23-2833		**Chrome Plated Fittings** *(23 21 13 23-2706)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2834		**Chrome Plated 90 Degree Elbows** *(23 21 13 23-2833)*		
23 21 13 23-2835	EA	1/4" 90 Degree Elbow, Chrome Plated	27.15	10.08
23 21 13 23-2836	EA	3/8" 90 Degree Elbow, Chrome Plated	27.48	10.85
23 21 13 23-2837	EA	1/2" 90 Degree Elbow, Chrome Plated	31.21	11.60
23 21 13 23-2838	EA	3/4" 90 Degree Elbow, Chrome Plated	39.63	15.18
23 21 13 23-2839	EA	1" 90 Degree Elbow, Chrome Plated	54.31	19.52
23 21 13 23-2840	EA	1-1/4" 90 Degree Elbow, Chrome Plated	84.99	26.79
23 21 13 23-2841	EA	1-1/2" 90 Degree Elbow, Chrome Plated	102.56	31.13
23 21 13 23-2842	EA	2" 90 Degree Elbow, Chrome Plated	142.29	38.39
23 21 13 23-2843		**Chrome Plated Street 90 Degree Elbows** *(23 21 13 23-2833)*		
23 21 13 23-2844	EA	1/4" Street 90 Degree Elbow, Chrome Plated	32.18	10.08
23 21 13 23-2845	EA	3/8" Street 90 Degree Elbow, Chrome Plated	32.98	10.85
23 21 13 23-2846	EA	1/2" Street 90 Degree Elbow, Chrome Plated	35.03	11.60
23 21 13 23-2847	EA	3/4" Street 90 Degree Elbow, Chrome Plated	45.28	15.18
23 21 13 23-2848	EA	1" Street 90 Degree Elbow, Chrome Plated	64.72	19.52
23 21 13 23-2849	EA	1-1/4" Street 90 Degree Elbow, Chrome Plated	95.66	26.79
23 21 13 23-2850	EA	1-1/2" Street 90 Degree Elbow, Chrome Plated	117.51	31.13
23 21 13 23-2851	EA	2" Street 90 Degree Elbow, Chrome Plated	177.50	38.39
23 21 13 23-2852		**Chrome Plated 45 Degree Elbows** *(23 21 13 23-2833)*		
23 21 13 23-2853	EA	1/4" 45 Degree Elbow, Chrome Plated	28.26	10.08
23 21 13 23-2854	EA	3/8" 45 Degree Elbow, Chrome Plated	29.07	10.85
23 21 13 23-2855	EA	1/2" 45 Degree Elbow, Chrome Plated	32.33	11.60
23 21 13 23-2856	EA	3/4" 45 Degree Elbow, Chrome Plated	43.95	15.18
23 21 13 23-2857	EA	1" 45 Degree Elbow, Chrome Plated	59.13	19.52
23 21 13 23-2858	EA	1-1/4" 45 Degree Elbow, Chrome Plated	90.78	26.79
23 21 13 23-2859	EA	1-1/2" 45 Degree Elbow, Chrome Plated	110.30	31.13
23 21 13 23-2860	EA	2" 45 Degree Elbow, Chrome Plated	163.59	38.39
23 21 13 23-2861		**Chrome Plated Street 45 Degree Elbows** *(23 21 13 23-2833)*		
23 21 13 23-2862	EA	1/2" Street 45 Degree Elbow, Chrome Plated	39.23	11.60
23 21 13 23-2863		**Chrome Plated Couplings** *(23 21 13 23-2833)*		
23 21 13 23-2864	EA	1/4" Coupling, Chrome Plated	26.47	10.08
23 21 13 23-2865	EA	3/8" Coupling, Chrome Plated	27.56	10.85
23 21 13 23-2866	EA	1/2" Coupling, Chrome Plated	31.48	11.60
23 21 13 23-2867	EA	3/4" Coupling, Chrome Plated	39.75	15.18
23 21 13 23-2868	EA	1" Coupling, Chrome Plated	51.92	19.52
23 21 13 23-2869	EA	1-1/4" Coupling, Chrome Plated	76.31	26.79
23 21 13 23-2870	EA	1-1/2" Coupling, Chrome Plated	95.29	31.13
23 21 13 23-2871	EA	2" Coupling, Chrome Plated	133.43	38.39
23 21 13 23-2872		**Chrome Plated Unions** *(23 21 13 23-2833)*		
23 21 13 23-2873	EA	1/4" Union, Chrome Plated	44.63	11.60
23 21 13 23-2874	EA	3/8" Union, Chrome Plated	45.73	12.26
23 21 13 23-2875	EA	1/2" Union, Chrome Plated	55.78	13.77
23 21 13 23-2876	EA	3/4" Union, Chrome Plated	68.71	18.11
23 21 13 23-2877	EA	1" Union, Chrome Plated	86.77	23.10
23 21 13 23-2878	EA	1-1/4" Union, Chrome Plated	143.60	31.13
23 21 13 23-2879	EA	1-1/2" Union, Chrome Plated	179.62	36.88
23 21 13 23-2880	EA	2" Union, Chrome Plated	235.89	44.90
23 21 13 23-2881		**Chrome Plated Caps** *(23 21 13 23-2833)*		
23 21 13 23-2882	EA	1/4" Cap, Chrome Plated	18.61	5.10
23 21 13 23-2883	EA	3/8" Cap, Chrome Plated	19.14	5.42
23 21 13 23-2884	EA	1/2" Cap, Chrome Plated	22.03	5.75
23 21 13 23-2885	EA	3/4" Cap, Chrome Plated	27.33	7.60
23 21 13 23-2886	EA	1" Cap, Chrome Plated	32.15	9.76
23 21 13 23-2887	EA	1-1/4" Cap, Chrome Plated	47.91	13.34
23 21 13 23-2888	EA	1-1/2" Cap, Chrome Plated	64.07	15.51
23 21 13 23-2889	EA	2" Cap, Chrome Plated	94.77	20.28
23 21 13 23-2890		**Chrome Plated Plugs** *(23 21 13 23-2833)*		
23 21 13 23-2891	EA	1/4" Plug, Chrome Plated	14.78	5.10
23 21 13 23-2892	EA	3/8" Plug, Chrome Plated	15.31	5.42
23 21 13 23-2893	EA	1/2" Plug, Chrome Plated	18.01	5.75
23 21 13 23-2894	EA	3/4" Plug, Chrome Plated	24.46	7.60
23 21 13 23-2895	EA	1" Plug, Chrome Plated	29.96	9.76
23 21 13 23-2896	EA	1-1/4" Plug, Chrome Plated	40.36	13.34
23 21 13 23-2897	EA	1-1/2" Plug, Chrome Plated	50.25	15.51
23 21 13 23-2898	EA	2" Plug, Chrome Plated	70.73	20.28

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2899		**Chrome Plated Tees** *(23 21 13 23-2833)*		
23 21 13 23-2900	EA	1/4" Chrome Plated Tee	37.22	15.18
23 21 13 23-2901	EA	3/8" Chrome Plated Tee	39.38	16.59
23 21 13 23-2902	EA	1/2" Chrome Plated Tee	44.11	18.11
23 21 13 23-2903	EA	3/4" Chrome Plated Tee	54.99	22.45
23 21 13 23-2904	EA	1" Chrome Plated Tee	79.53	28.96
23 21 13 23-2905	EA	1-1/4" Chrome Plated Tee	109.69	39.80
23 21 13 23-2906	EA	1-1/2" Chrome Plated Tee	142.54	46.31
23 21 13 23-2907	EA	2" Chrome Plated Tee	198.46	57.16
23 21 13 23-2908		**Chrome Plated Reducing 90 Degree Elbows** *(23 21 13 23-2833)*		
23 21 13 23-2909	EA	1/2" x 3/8" Reducing 90 Degree Elbow, Chrome Plated	41.55	18.11
23 21 13 23-2910	EA	3/4" x 1/2" Reducing 90 Degree Elbow, Chrome Plated	48.06	22.45
23 21 13 23-2911		**Chrome Plated Bell Reducers** *(23 21 13 23-2833)*		
23 21 13 23-2912	EA	1/2" x 3/8" Bell Reducer, Chrome Plated	46.19	18.11
23 21 13 23-2913	EA	3/4" x 1/2" Bell Reducer, Chrome Plated	56.04	22.45
23 21 13 23-2914	EA	1" x 1/2" Bell Reducer, Chrome Plated	71.00	28.96
23 21 13 23-2915		**Chrome Plated Reducing Tees** *(23 21 13 23-2833)*		
23 21 13 23-2916	EA	3/4" x 1/2" Reducing Tee, Chrome Plated	61.91	22.45
23 21 13 23-2917		**Chrome Plated Bushings** *(23 21 13 23-2833)*		
23 21 13 23-2918	EA	3/8" x 1/4" Bushing, Chrome Plated	14.67	5.10
23 21 13 23-2919	EA	1/2" x 1/4" Bushing, Chrome Plated	15.79	5.42
23 21 13 23-2920	EA	1/2" x 3/8" Bushing, Chrome Plated	16.33	5.75
23 21 13 23-2921	EA	3/4" x 1/2" Bushing, Chrome Plated	20.66	7.60
23 21 13 23-2922	EA	1" x 3/4" Bushing, Chrome Plated	30.70	9.76
23 21 13 23-2923	EA	1-1/4" x 1" Bushing, Chrome Plated	45.32	13.34
23 21 16		**Hydronic Piping Specialties** *(23 21)*		
23 21 16 00-0001		**Air Vents** *(23 21 16)*		
23 21 16 00-0002		**Screwed Ends, Cast Iron, Automatic Air Vents** *(23 21 16 00-0001)*		
		Note: With guided free floating lever.		
23 21 16 00-0003	EA	1/2" NPT, Cast Iron, Automatic Air Vent	426.00	31.46
23 21 16 00-0004	EA	3/4" NPT, Cast Iron, Automatic Air Vent	518.64	41.77
23 21 16 00-0005	EA	1" NPT, Cast Iron, Automatic Air Vent	1,238.66	43.41
23 21 16 00-0006	EA	1-1/4" NPT, Cast Iron, Automatic Air Vent	1,833.90	67.06
23 21 16 00-0007	EA	1-1/2" NPT, Cast Iron, Automatic Air Vent	3,100.85	72.16
23 21 16 00-0008	EA	2" NPT, Cast Iron, Automatic Air Vent	3,547.15	95.16
23 21 16 00-0009		**Forged Steel, Stainless Steel Internals, Automatic Air Vents** *(23 21 16 00-0001)*		
		Note: With guided free floating lever.		
23 21 16 00-0010	EA	1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	2,456.64	36.35
23 21 16 00-0011	EA	3/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,081.20	41.77
23 21 16 00-0012	EA	1" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,680.60	43.41
23 21 16 00-0013	EA	1-1/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	6,041.68	67.27
23 21 16 00-0014	EA	1-1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	6,981.21	72.16
23 21 16 00-0015	EA	2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	10,270.30	94.94
23 21 16 00-0016		**Automatic Air Vent** *(23 21 16 00-0001)*		
23 21 16 00-0017	EA	3/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	235.03	41.77
23 21 16 00-0018	EA	1" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	257.59	43.41
23 21 16 00-0019	EA	1-1/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	364.15	67.06
23 21 16 00-0020	EA	1-1/2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	451.35	72.16
23 21 16 00-0021	EA	2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	577.73	77.75
23 21 16 00-0022		**Manual Air Vent** *(23 21 16 00-0001)*		
23 21 16 00-0023	EA	Manual Air Vent	74.59	39.17
23 21 16 00-0024		**Air Release Valves** *(23 21 16 00-0001)*		
23 21 16 00-0025		**Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)** *(23 21 16 00-0024)*		
		Note: Up to 175 psi. Stainless steel float.		
23 21 16 00-0026	EA	1/2" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	195.55	16.28
23 21 16 00-0027	EA	3/4" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	199.90	18.44
23 21 16 00-0028	EA	1" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	208.57	22.79

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0029		**Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)** *(23 21 16 00-0024)*		
		Note: Up to 175 psi. Stainless steel float.		
23 21 16 00-0030	EA	1" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200A)	807.27	22.79
23 21 16 00-0031	EA	2" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	966.64	39.61
23 21 16 00-0032	EA	3" Flanged, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	1,266.78	92.34
23 21 16 00-0033		**Cast Iron, Air/Vacuum Valves** *(23 21 16 00-0024)*		
		Note: Up to 150 psi. Stainless steel float.		
23 21 16 00-0034	EA	1/2" NPT, Cast Iron, Air/Vacuum Valve (Apco 141)	389.60	16.28
23 21 16 00-0035	EA	1" NPT, Cast Iron, Air/Vacuum Valve (Apco 142)	480.24	22.79
23 21 16 00-0036	EA	2" NPT, Cast Iron, Air/Vacuum Valve (Apco 144)	829.52	39.61
23 21 16 00-0037	EA	3" Flanged, Cast Iron, Air/Vacuum Valve (Apco 146)	1,204.68	92.34
23 21 16 00-0038	EA	4" Flanged, Cast Iron, Air/Vacuum Valve (Apco 152)	1,883.27	155.00
23 21 16 00-0039	EA	6" Flanged, Cast Iron, Air/Vacuum Valve (Apco 153)	2,871.11	196.01
23 21 16 00-0040		**Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice** *(23 21 16 00-0024)*		
		Note: Up to 150 psi. Stainless Steel float.		
23 21 16 00-0041	EA	1" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 143C)	697.57	22.79
23 21 16 00-0042	EA	2" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 145C)	1,070.14	39.61
23 21 16 00-0043	EA	3" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 147C)	1,967.94	92.34
23 21 16 00-0044	EA	4" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 149C)	2,548.20	155.00
23 21 16 00-0045		**Vent Valves** *(23 21 16)*		
23 21 16 00-0046	EA	1/8", 1.5 PSIG Operating Pressure, Non Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A)	77.35	16.28
23 21 16 00-0047	EA	1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74)	189.83	17.51
23 21 16 00-0048	EA	1/2" x 3/4", 3 PSIG Operating Pressure, Non Vacuum Main Steam Air Vent Valve (Hoffman 75)	180.85	17.51
23 21 16 00-0049	EA	1/2" x 3/4", 10 PSIG Operating Pressure, Non Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H)	187.13	17.51
23 21 16 00-0050	EA	3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78)	242.15	17.51
23 21 16 00-0051	EA	1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79)	178.38	17.51
23 21 16 00-0052		**Threaded Inlet, Drip-Pan Elbow** *(23 21 16)*		
23 21 16 00-0053		**Cast Iron, Threaded Inlet, Drip-Pan Elbow** *(23 21 16 00-0052)*		
23 21 16 00-0054	EA	2-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	304.22	27.39
		For Flanged Inlet, Add	*133.11*	
23 21 16 00-0055	EA	3" Cast Iron, Threaded Inlet, Drip-Pan Elbow	341.00	32.45
		For Flanged Inlet, Add	*142.90*	
23 21 16 00-0056	EA	3-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	434.87	37.53
		For Flanged Inlet, Add	*192.78*	
23 21 16 00-0057	EA	4" Cast Iron, Threaded Inlet, Drip-Pan Elbow	670.69	42.59
		For Flanged Inlet, Add	*339.18*	
23 21 16 00-0058	EA	5" Cast Iron, Threaded Inlet, Drip-Pan Elbow	754.23	50.71
		For Flanged Inlet, Add	*374.95*	
23 21 16 00-0059	EA	6" Cast Iron, Threaded Inlet, Drip-Pan Elbow	1,059.33	63.89
		For Flanged Inlet, Add	*547.94*	
23 21 16 00-0060	EA	8" Cast Iron, Threaded Inlet, Drip-Pan Elbow	2,482.25	84.17
		For Flanged Inlet, Add	*1,458.06*	
23 21 16 00-0061		**Cast Steel, Threaded Inlet, Drip-Pan Elbow** *(23 21 16 00-0052)*		
23 21 16 00-0062	EA	2-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,088.68	27.39
		For Flanged Inlet, Add	*666.54*	
23 21 16 00-0063	EA	3" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,318.61	32.45
		For Flanged Inlet, Add	*807.67*	
23 21 16 00-0064	EA	3-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,921.52	37.53
		For Flanged Inlet, Add	*1,203.70*	
23 21 16 00-0065	EA	4" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,942.04	42.59
		For Flanged Inlet, Add	*1,203.70*	
23 21 16 00-0066	EA	5" Cast Steel, Threaded Inlet, Drip-Pan Elbow	2,843.92	50.71
		For Flanged Inlet, Add	*1,795.94*	
23 21 16 00-0067	EA	6" Cast Steel, Threaded Inlet, Drip-Pan Elbow	2,894.63	63.89
		For Flanged Inlet, Add	*1,795.94*	
23 21 16 00-0068	EA	8" Cast Steel, Threaded Inlet, Drip-Pan Elbow	4,873.45	84.17
		For Flanged Inlet, Add	*3,084.07*	
23 21 16 00-0069		**Y-Type Strainers** *(23 21 16)*		
23 21 16 00-0070		**Screwed Ends, 250 LB, Iron Body, Y-Type Strainers** *(23 21 16 00-0069)*		
23 21 16 00-0071	EA	1/4" Or 3/8" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	78.25	12.15
		For Galvanized Body, Add	*21.77*	
		For Work In Restricted Working Space, Add	*10.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0072	EA	1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	78.79	12.37
		For Galvanized Body, Add	*21.77*	
		For Work In Restricted Working Space, Add	*10.58*	
23 21 16 00-0073	EA	3/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	99.70	16.71
		For Galvanized Body, Add	*25.98*	
		For Work In Restricted Working Space, Add	*14.32*	
23 21 16 00-0074	EA	1" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	127.17	19.96
		For Galvanized Body, Add	*35.11*	
		For Work In Restricted Working Space, Add	*17.09*	
23 21 16 00-0075	EA	1-1/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	166.72	24.68
		For Galvanized Body, Add	*48.10*	
		For Work In Restricted Working Space, Add	*21.16*	
23 21 16 00-0076	EA	1-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	191.80	26.59
		For Galvanized Body, Add	*57.93*	
		For Work In Restricted Working Space, Add	*22.79*	
23 21 16 00-0077	EA	2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	265.14	30.38
		For Galvanized Body, Add	*89.17*	
		For Work In Restricted Working Space, Add	*26.04*	
23 21 16 00-0078	EA	2-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	509.42	37.97
		For Galvanized Body, Add	*200.46*	
		For Work In Restricted Working Space, Add	*32.55*	
23 21 16 00-0079	EA	3" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	659.43	47.53
		For Galvanized Body, Add	*261.90*	
		For Work In Restricted Working Space, Add	*40.69*	

23 21 16 00-0080 Flanged, 125 LB, Iron Body , Y-Type Strainers *(23 21 16 00-0069)*

23 21 16 00-0081	EA	1-1/2" Flanged, 125 LB, Iron Body, Y-Type Strainer	323.49	113.93
		For Galvanized Body, Add	*90.37*	
		For Work In Restricted Working Space, Add	*42.83*	
23 21 16 00-0082	EA	2" Flanged, 125 LB, Iron Body, Y-Type Strainer	376.42	144.64
		For Galvanized Body, Add	*97.79*	
		For Work In Restricted Working Space, Add	*54.25*	
23 21 16 00-0083	EA	3" Flanged, 125 LB, Iron Body, Y-Type Strainer	697.09	184.46
		For Galvanized Body, Add	*233.12*	
		For Work In Restricted Working Space, Add	*69.26*	
23 21 16 00-0084	EA	4" Flanged, 125 LB, Iron Body, Y-Type Strainer	916.60	309.23
		For Galvanized Body, Add	*264.55*	
		For Work In Restricted Working Space, Add	*116.25*	
23 21 16 00-0085	EA	5" Flanged, 125 LB, Iron Body, Y-Type Strainer	980.69	311.49
		For Galvanized Body, Add	*295.97*	
		For Work In Restricted Working Space, Add	*116.63*	
23 21 16 00-0086	EA	6" Flanged, 125 LB, Iron Body, Y-Type Strainer	1,169.32	346.10
		For Galvanized Body, Add	*367.58*	
		For Work In Restricted Working Space, Add	*130.25*	
23 21 16 00-0087	EA	8" Flanged, 125 LB, Iron Body, Y-Type Strainer	1,997.24	442.24
		For Galvanized Body, Add	*723.94*	
		For Work In Restricted Working Space, Add	*164.81*	
23 21 16 00-0088	EA	10" Flanged, 125 LB, Iron Body, Y-Type Strainer	3,900.02	538.37
		For Galvanized Body, Add	*1,613.53*	
		For Work In Restricted Working Space, Add	*201.89*	
23 21 16 00-0089	EA	12" Flanged, 125 LB, Iron Body, Y-Type Strainer	4,316.81	480.69
		For Galvanized Body, Add	*1,677.72*	
		For Work In Restricted Working Space, Add	*288.41*	

23 21 16 00-0090 Screwed Ends, 150 LB, Bronze Body, Y-Type Strainers *(23 21 16 00-0069)*

Note: With screwed cap (4" size has bolted cap).

23 21 16 00-0091	EA	1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	66.68	12.37
		For 300 LB Rating, Add	*53.41*	
		For Work In Restricted Working Space, Add	*10.58*	
23 21 16 00-0092	EA	3/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	88.59	16.71
		For 300 LB Rating, Add	*69.45*	
		For Work In Restricted Working Space, Add	*14.32*	
23 21 16 00-0093	EA	1" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	108.42	19.96
		For 300 LB Rating, Add	*87.48*	
		For Work In Restricted Working Space, Add	*17.09*	
23 21 16 00-0094	EA	1-1/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	134.95	24.68
		For 300 LB Rating, Add	*109.51*	
		For Work In Restricted Working Space, Add	*21.16*	
23 21 16 00-0095	EA	1-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	159.62	26.59
		For 300 LB Rating, Add	*142.24*	
		For Work In Restricted Working Space, Add	*22.79*	
23 21 16 00-0096	EA	2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	222.71	30.38
		For 300 LB Rating, Add	*231.05*	
		For Work In Restricted Working Space, Add	*26.04*	
23 21 16 00-0097	EA	2-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	332.79	37.97
		For 300 LB Rating, Add	*381.29*	
		For Work In Restricted Working Space, Add	*32.55*	
23 21 16 00-0098	EA	3" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	600.67	47.53
		For 300 LB Rating, Add	*790.57*	
		For Work In Restricted Working Space, Add	*40.69*	
23 21 16 00-0099	EA	4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	1,045.32	56.96
		For 300 LB Rating, Add	*1,500.35*	
		For Work In Restricted Working Space, Add	*48.83*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0100		Flanged, 150 LB, Bronze Body, Y-Type Strainers *(23 21 16 00-0069)*		
		Note: With bolted cap.		
23 21 16 00-0101	EA	2" Flanged, 150 LB, Bronze Body, Y-Type Strainer	571.21	144.64
		For 300 LB Rating, Add	*234.22*	
		For Work In Restricted Working Space, Add	*54.25*	
23 21 16 00-0102	EA	2-1/2" Flanged, 150 LB, Bronze Body, Y-Type Strainer	594.99	157.33
		For 300 LB Rating, Add	*238.63*	
		For Work In Restricted Working Space, Add	*59.18*	
23 21 16 00-0103	EA	3" Flanged, 150 LB, Bronze Body, Y-Type Strainer	686.28	184.46
		For 300 LB Rating, Add	*273.26*	
		For Work In Restricted Working Space, Add	*69.26*	
23 21 16 00-0104	EA	4" Flanged, 150 LB, Bronze Body, Y-Type Strainer	1,494.13	309.23
		For 300 LB Rating, Add	*663.97*	
		For Work In Restricted Working Space, Add	*116.25*	
23 21 16 00-0105	EA	6" Flanged, 150 LB, Bronze Body, Y-Type Strainer	2,111.62	346.10
		For 300 LB Rating, Add	*1,006.47*	
		For Work In Restricted Working Space, Add	*130.25*	
23 21 16 00-0106	EA	8" Flanged, 150 LB, Bronze Body, Y-Type Strainer	3,412.05	442.24
		For 300 LB Rating, Add	*1,717.61*	
		For Work In Restricted Working Space, Add	*164.81*	
23 21 16 00-0107	EA	10" Flanged, 150 LB, Bronze Body, Y-Type Strainer	10,947.54	538.37
		For 300 LB Rating, Add	*6,164.75*	
		For Work In Restricted Working Space, Add	*201.89*	
23 21 16 00-0108		Polyvinyl Chloride (PVC) Body, Y-Type Strainers *(23 21 16 00-0069)*		
23 21 16 00-0109		Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainers *(23 21 16 00-0108)*		
23 21 16 00-0110	EA	1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	152.16	11.93
		For Work In Restricted Working Space, Add	*10.41*	
23 21 16 00-0111	EA	3/4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	177.88	16.38
		For Work In Restricted Working Space, Add	*13.99*	
23 21 16 00-0112	EA	1" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	207.24	22.23
		For Work In Restricted Working Space, Add	*19.20*	
23 21 16 00-0113	EA	1-1/4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	331.35	23.86
		For Work In Restricted Working Space, Add	*20.50*	
23 21 16 00-0114	EA	1-1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	334.47	25.81
		For Work In Restricted Working Space, Add	*22.13*	
23 21 16 00-0115	EA	2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	392.49	29.28
		For Work In Restricted Working Space, Add	*25.05*	
23 21 16 00-0116	EA	2-1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	843.87	37.96
		For Work In Restricted Working Space, Add	*32.54*	
23 21 16 00-0117	EA	3" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	825.03	47.51
		For Work In Restricted Working Space, Add	*40.67*	
23 21 16 00-0118	EA	4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	1,352.06	50.54
		For Work In Restricted Working Space, Add	*43.27*	
23 21 16 00-0119		Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainers *(23 21 16 00-0108)*		
23 21 16 00-0120	EA	2" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	648.83	67.79
		For Work In Restricted Working Space, Add	*40.67*	
23 21 16 00-0121	EA	2-1/2" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	1,297.78	88.40
		For Work In Restricted Working Space, Add	*53.03*	
23 21 16 00-0122	EA	3" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	1,295.59	184.38
		For Work In Restricted Working Space, Add	*69.23*	
23 21 16 00-0123	EA	4" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	2,103.33	309.10
		For Work In Restricted Working Space, Add	*116.20*	
23 21 16 00-0124		Class 125, Crimped Bronze Body, Y-Type Strainers *(23 21 16 00-0069)*		
		Note: Nibco®		
23 21 16 00-0125	EA	1/2" Class 125, Crimped Bronze Body, Y-Type Strainer	165.09	10.85
		For Work In Restricted Working Space, Add	*7.32*	
23 21 16 00-0126	EA	3/4" Class 125, Crimped Bronze Body, Y-Type Strainer	191.31	11.93
		For Work In Restricted Working Space, Add	*8.34*	
23 21 16 00-0127	EA	1" Class 125, Crimped Bronze Body, Y-Type Strainer	273.24	13.56
		For Work In Restricted Working Space, Add	*9.96*	
23 21 16 00-0128	EA	1-1/4" Class 125, Crimped Bronze Body, Y-Type Strainer	367.48	14.43
		For Work In Restricted Working Space, Add	*10.98*	
23 21 16 00-0129	EA	1-1/2" Class 125, Crimped Bronze Body, Y-Type Strainer	442.91	16.70
		For Work In Restricted Working Space, Add	*12.20*	
23 21 16 00-0130	EA	2" Class 125, Crimped Bronze Body, Y-Type Strainer	657.55	19.73
		For Work In Restricted Working Space, Add	*14.64*	
23 21 16 00-0131		250 PSI, Crimped Bronze Body, Y-Type Strainers *(23 21 16 00-0069)*		
23 21 16 00-0132	EA	1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	72.80	10.85
23 21 16 00-0133	EA	3/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer	88.80	11.93
23 21 16 00-0134	EA	1" 250 PSI, Crimped Bronze Body, Y-Type Strainer	129.99	13.56
23 21 16 00-0135	EA	1-1/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer	158.81	14.43
23 21 16 00-0136	EA	1-1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	189.44	16.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0137	EA	2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	248.69	19.73
23 21 16 00-0138		**Cast Iron Body, Suction Diffusers** *(23 21 16)*		
		Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.		
23 21 16 00-0139	EA	2" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	533.67	42.75
		For Work In Restricted Working Space, Add	*20.93*	
23 21 16 00-0140	EA	2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	559.95	47.42
		For Work In Restricted Working Space, Add	*23.25*	
23 21 16 00-0141	EA	2-1/2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	568.50	49.80
		For Work In Restricted Working Space, Add	*24.42*	
23 21 16 00-0142	EA	2-1/2" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,069.39	157.33
		For Work In Restricted Working Space, Add	*59.18*	
23 21 16 00-0143	EA	3" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	586.28	57.94
		For Work In Restricted Working Space, Add	*28.37*	
23 21 16 00-0144	EA	3" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	665.14	57.94
		For Work In Restricted Working Space, Add	*28.37*	
23 21 16 00-0145	EA	3" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,118.66	171.25
		For Work In Restricted Working Space, Add	*64.22*	
23 21 16 00-0146	EA	3" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,140.09	184.46
		For Work In Restricted Working Space, Add	*69.26*	
23 21 16 00-0147	EA	4" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,380.78	247.34
		For Work In Restricted Working Space, Add	*92.75*	
23 21 16 00-0148	EA	4" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,621.47	309.23
		For Work In Restricted Working Space, Add	*116.25*	
23 21 16 00-0149	EA	6" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,863.95	311.01
		For Work In Restricted Working Space, Add	*116.63*	
23 21 16 00-0150	EA	6" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	2,257.28	346.10
		For Work In Restricted Working Space, Add	*130.25*	
23 21 16 00-0151	EA	8" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	2,544.11	442.24
		For Work In Restricted Working Space, Add	*164.81*	
23 21 16 00-0152	EA	8" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	3,977.55	442.24
		For Work In Restricted Working Space, Add	*164.81*	
23 21 16 00-0153	EA	10" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	4,537.21	538.37
		For Work In Restricted Working Space, Add	*201.89*	
23 21 16 00-0154	EA	10" x 10" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	5,321.20	538.37
		For Work In Restricted Working Space, Add	*201.89*	
23 21 16 00-0155		**Duplex Strainers** *(23 21 16)*		
23 21 16 00-0156		**Iron Body, Duplex Strainers** *(23 21 16 00-0155)*		
23 21 16 00-0157		**Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers** *(23 21 16 00-0156)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0158	EA	3/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	855.38	27.02
		For Work In Restricted Working Space, Add	*16.22*	
23 21 16 00-0159	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	955.03	30.92
		For Work In Restricted Working Space, Add	*18.57*	
23 21 16 00-0160	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	1,295.49	36.35
		For Work In Restricted Working Space, Add	*21.80*	
23 21 16 00-0161	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	1,631.75	39.61
		For Work In Restricted Working Space, Add	*23.76*	
23 21 16 00-0162	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	2,187.80	48.28
		For Work In Restricted Working Space, Add	*29.06*	
23 21 16 00-0163	EA	2-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	2,752.96	61.85
		For Work In Restricted Working Space, Add	*37.10*	
23 21 16 00-0164		**Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers** *(23 21 16 00-0156)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0165	EA	2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	2,977.08	144.64
		For Work In Restricted Working Space, Add	*54.25*	
23 21 16 00-0166	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	3,076.99	157.33
		For Work In Restricted Working Space, Add	*59.18*	
23 21 16 00-0167	EA	3" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	3,945.27	184.46
		For Work In Restricted Working Space, Add	*69.26*	
23 21 16 00-0168	EA	4" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	6,186.25	273.99
		For Work In Restricted Working Space, Add	*103.01*	
23 21 16 00-0169	EA	6" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	12,119.97	346.10
		For Work In Restricted Working Space, Add	*130.25*	
23 21 16 00-0170	EA	8" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	23,086.26	442.24
		For Work In Restricted Working Space, Add	*164.81*	
23 21 16 00-0171	EA	10" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	31,890.74	538.37
		For Work In Restricted Working Space, Add	*201.89*	
23 21 16 00-0172	EA	12" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	36,081.41	678.74
		For Work In Restricted Working Space, Add	*407.37*	
23 21 16 00-0173	EA	14" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	43,030.26	769.11
		For Work In Restricted Working Space, Add	*288.41*	
23 21 16 00-0174	EA	16" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	53,810.56	846.01
		For Work In Restricted Working Space, Add	*317.26*	
23 21 16 00-0175		**Bronze Body, Duplex Strainers** *(23 21 16 00-0155)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0176		Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainers *(23 21 16 00-0175)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0177	EA	3/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	1,598.27	27.13
		For Work In Restricted Working Space, Add	*16.22*	
23 21 16 00-0178	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	1,773.04	30.92
		For Work In Restricted Working Space, Add	*18.57*	
23 21 16 00-0179	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	2,597.62	36.35
		For Work In Restricted Working Space, Add	*21.80*	
23 21 16 00-0180	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	3,418.01	39.61
		For Work In Restricted Working Space, Add	*23.76*	
23 21 16 00-0181	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	4,416.45	48.28
		For Work In Restricted Working Space, Add	*29.06*	
23 21 16 00-0182	EA	2-1/2" Screwed, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	5,424.00	61.85
		For Work In Restricted Working Space, Add	*37.10*	
23 21 16 00-0183		Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainers *(23 21 16 00-0175)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0184	EA	2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	6,190.68	144.64
		For Work In Restricted Working Space, Add	*54.25*	
23 21 16 00-0185	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	6,374.05	157.33
		For Work In Restricted Working Space, Add	*59.18*	
23 21 16 00-0186	EA	3" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	8,744.79	184.46
		For Work In Restricted Working Space, Add	*69.26*	
23 21 16 00-0187	EA	4" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	13,782.02	273.99
		For Work In Restricted Working Space, Add	*103.01*	
23 21 16 00-0188	EA	6" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	29,982.55	346.10
		For Work In Restricted Working Space, Add	*130.25*	
23 21 16 00-0189		Cast Steel Body, Duplex Strainers *(23 21 16 00-0155)*		
23 21 16 00-0190		Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0189)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0191	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	2,492.35	30.92
		For Work In Restricted Working Space, Add	*18.57*	
23 21 16 00-0192	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	3,070.20	36.35
		For Work In Restricted Working Space, Add	*21.79*	
23 21 16 00-0193	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	3,643.88	39.61
		For Work In Restricted Working Space, Add	*23.77*	
23 21 16 00-0194	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	6,173.00	48.28
		For Work In Restricted Working Space, Add	*29.06*	
23 21 16 00-0195		Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0189)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0196	EA	2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	6,297.47	144.64
		For Work In Restricted Working Space, Add	*54.25*	
23 21 16 00-0197	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	6,921.51	157.33
		For Work In Restricted Working Space, Add	*59.18*	
23 21 16 00-0198	EA	3" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	9,101.99	184.46
		For Work In Restricted Working Space, Add	*69.26*	
23 21 16 00-0199	EA	4" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	13,346.26	273.99
		For Work In Restricted Working Space, Add	*103.01*	
23 21 16 00-0200	EA	6" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	22,794.31	346.10
		For Work In Restricted Working Space, Add	*130.25*	
23 21 16 00-0201	EA	8" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	44,459.49	442.24
		For Work In Restricted Working Space, Add	*164.81*	
23 21 16 00-0202		Stainless Steel Body, Duplex Strainers *(23 21 16 00-0155)*		
23 21 16 00-0203		Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0202)*		
		Note: With stainless steel basket.		
23 21 16 00-0204	EA	1" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	4,652.11	30.92
		For Work In Restricted Working Space, Add	*18.57*	
23 21 16 00-0205	EA	1-1/4" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	5,878.40	36.35
		For Work In Restricted Working Space, Add	*21.79*	
23 21 16 00-0206	EA	1-1/2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	7,092.04	39.61
		For Work In Restricted Working Space, Add	*23.77*	
23 21 16 00-0207	EA	2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	11,359.89	48.28
		For Work In Restricted Working Space, Add	*29.06*	
23 21 16 00-0208		Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0202)*		
		Note: With stainless steel basket.		
23 21 16 00-0209	EA	2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	11,911.37	144.64
		For Work In Restricted Working Space, Add	*54.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0210	EA	2-1/2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	12,522.83	157.33
		For Work In Restricted Working Space, Add	*59.18*	
23 21 16 00-0211	EA	3" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	19,611.73	184.46
		For Work In Restricted Working Space, Add	*69.26*	
23 21 16 00-0212	EA	4" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	23,974.43	273.99
		For Work In Restricted Working Space, Add	*103.01*	
23 21 16 00-0213	EA	6" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	42,086.07	346.10
		For Work In Restricted Working Space, Add	*130.25*	
23 21 16 00-0214	EA	8" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	77,732.88	442.24
		For Work In Restricted Working Space, Add	*164.81*	

23 21 16 00-0215 Pressure Regulating Valve *(23 21 16)*

23 21 16 00-0216 Screwed Ends, Iron Body, Water Pressure Reducing Valves *(23 21 16 00-0215)*

Note: For building services, 25 - 75 PSI, up to 300 Lbs. rating

23 21 16 00-0217	EA	1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	224.15	13.56
		For Work In Restricted Working Space, Add	*16.27*	
23 21 16 00-0218	EA	3/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	276.82	15.18
		For Work In Restricted Working Space, Add	*18.08*	
23 21 16 00-0219	EA	1" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	365.74	16.27
		For Work In Restricted Working Space, Add	*19.14*	
23 21 16 00-0220	EA	1-1/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	630.43	18.22
		For Work In Restricted Working Space, Add	*21.69*	
23 21 16 00-0221	EA	1-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	856.67	21.69
		For Work In Restricted Working Space, Add	*26.03*	
23 21 16 00-0222	EA	2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,226.87	33.26
		For Work In Restricted Working Space, Add	*39.95*	
23 21 16 00-0223	EA	2-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,334.15	37.45
		For Work In Restricted Working Space, Add	*44.95*	
23 21 16 00-0224	EA	3" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,465.79	108.37
		For Work In Restricted Working Space, Add	*49.94*	

23 21 16 00-0225 Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0215)*

Note: Single seated, spring loaded, direct acting diaphragm valve.

23 21 16 00-0226 Screwed Ends, Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0225)*

23 21 16 00-0227	EA	1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	378.84	18.23
		For Work In Restricted Working Space, Add	*21.85*	
23 21 16 00-0228	EA	3/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	473.54	25.82
		For Work In Restricted Working Space, Add	*31.00*	
23 21 16 00-0229	EA	1" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	609.15	31.46
		For Work In Restricted Working Space, Add	*37.85*	
23 21 16 00-0230	EA	1-1/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	816.62	38.20
		For Work In Restricted Working Space, Add	*43.99*	
23 21 16 00-0231	EA	1-1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,098.36	43.41
		For Work In Restricted Working Space, Add	*50.08*	
23 21 16 00-0232	EA	2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,284.36	60.85
		For Work In Restricted Working Space, Add	*60.85*	

23 21 16 00-0233 Flanged, Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0225)*

Note: Single seated, spring loaded, direct acting diaphragm valve.

23 21 16 00-0234	EA	2-1/2" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	2,980.13	147.05
		For Work In Restricted Working Space, Add	*55.32*	
23 21 16 00-0235	EA	3" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	3,706.52	172.41
		For Work In Restricted Working Space, Add	*64.73*	
23 21 16 00-0236	EA	4" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	4,761.78	289.03
		For Work In Restricted Working Space, Add	*108.66*	
23 21 16 00-0237	EA	6" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	11,896.61	349.29
		For Work In Restricted Working Space, Add	*131.45*	

23 21 16 00-0238 Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0215)*

23 21 16 00-0239 Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0238)*

23 21 16 00-0240	EA	1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,164.17	13.23
		For Work In Restricted Working Space, Add	*19.85*	
23 21 16 00-0241	EA	3/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,209.67	13.23
		For Work In Restricted Working Space, Add	*19.85*	
23 21 16 00-0242	EA	1" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,353.43	16.71
		For Work In Restricted Working Space, Add	*25.07*	
23 21 16 00-0243	EA	1-1/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,765.47	21.26
		For Work In Restricted Working Space, Add	*31.90*	
23 21 16 00-0244	EA	1-1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	3,165.97	24.52
		For Work In Restricted Working Space, Add	*36.78*	
23 21 16 00-0245	EA	2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	3,925.77	28.86
		For Work In Restricted Working Space, Add	*43.30*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0246		**Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves** *(23 21 16 00-0238)*		
23 21 16 00-0247	EA	2-1/2" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	4,850.53	147.05
		For Work In Restricted Working Space, Add	*55.32*	
23 21 16 00-0248	EA	3" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	5,984.00	172.41
		For Work In Restricted Working Space, Add	*64.73*	
23 21 16 00-0249	EA	4" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	9,062.55	289.03
		For Work In Restricted Working Space, Add	*108.66*	
23 21 16 00-0250	EA	6" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	19,957.11	349.29
		For Work In Restricted Working Space, Add	*131.45*	
23 21 16 00-0251		**Screwed Ends, Cast Iron Body, Air Pressure Reducing Valves** *(23 21 16 00-0215)*		
23 21 16 00-0252	EA	1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	252.09	14.10
23 21 16 00-0253	EA	3/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	312.43	15.61
23 21 16 00-0254	EA	1" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	415.39	16.59
23 21 16 00-0255	EA	1-1/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	722.20	18.87
23 21 16 00-0256	EA	1-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	983.23	22.55
23 21 16 00-0257	EA	2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,406.70	34.56
23 21 16 00-0258	EA	2-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,523.90	37.65
23 21 16 00-0259	EA	3" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,679.44	43.35
23 21 16 00-0260		**Screwed Ends, Bronze Body, Water Pressure Reducing Valves** *(23 21 16 00-0215)* Note: For building services, bronze construction, pressure adjustment, union and strainer, factory set at 45 PSI (Watts 25AUB).		
23 21 16 00-0261	EA	1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	193.28	13.56
23 21 16 00-0262	EA	3/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	212.34	15.18
23 21 16 00-0263	EA	1" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	264.84	16.81
23 21 16 00-0264	EA	1-1/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	634.56	18.22
23 21 16 00-0265	EA	1-1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	687.04	21.69
23 21 16 00-0266	EA	2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	1,079.90	33.26
23 21 16 00-0267		**Plastic Pressure Regulator** *(23 21 16 00-0215)*		
23 21 16 00-0268		**Polyvinyl Chloride (PVC) Pressure Regulator Valves** *(23 21 16 00-0267)*		
23 21 16 00-0269	EA	1/4" Polyvinyl Chloride (PVC) Pressure Regulator Valve	270.45	16.27
23 21 16 00-0270	EA	1/2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	298.99	22.55
23 21 16 00-0271	EA	3/4" Polyvinyl Chloride (PVC) Pressure Regulator Valve	531.96	27.12
23 21 16 00-0272	EA	1" Polyvinyl Chloride (PVC) Pressure Regulator Valve	599.81	36.22
23 21 16 00-0273	EA	1-1/2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	708.78	43.39
23 21 16 00-0274	EA	2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	867.10	67.79
23 21 16 00-0275		**Polypropylene Pressure Regulator Valves** *(23 21 16 00-0267)*		
23 21 16 00-0276	EA	1/4" Polypropylene Pressure Regulator Valve	345.09	16.27
23 21 16 00-0277	EA	1/2" Polypropylene Pressure Regulator Valve	423.40	22.78
23 21 16 00-0278	EA	3/4" Polypropylene Pressure Regulator Valve	650.40	27.12
23 21 16 00-0279	EA	1" Polypropylene Pressure Regulator Valve	769.01	36.22
23 21 16 00-0280	EA	1-1/2" Polypropylene Pressure Regulator Valve	897.88	43.39
23 21 16 00-0281	EA	2" Polypropylene Pressure Regulator Valve	1,109.95	67.79
23 21 16 00-0282		**Teflon (PTFE) Pressure Regulator Valves** *(23 21 16 00-0267)*		
23 21 16 00-0283	EA	1/4" Teflon (PTFE) Pressure Regulator Valve	738.23	16.27
23 21 16 00-0284	EA	1/2" Teflon (PTFE) Pressure Regulator Valve	846.39	22.55
23 21 16 00-0285	EA	3/4" Teflon Pressure Regulator Valve	1,427.72	27.12
23 21 16 00-0286	EA	1" Teflon (PTFE) Pressure Regulator Valve	1,973.29	36.22
23 21 16 00-0287	EA	1-1/2" Teflon (PTFE) Pressure Regulator Valve	2,380.85	43.39
23 21 16 00-0288	EA	2" Teflon (PTFE) Pressure Regulator Valve	3,330.42	67.79
23 21 16 00-0289		**Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valves** *(23 21 16 00-0267)*		
23 21 16 00-0290	EA	1/4" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	241.19	16.27
23 21 16 00-0291	EA	1/2" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	276.24	22.55
23 21 16 00-0292	EA	3/4" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	445.16	27.12
23 21 16 00-0293	EA	1" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	528.55	36.11
23 21 16 00-0294	EA	1-1/2" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	615.11	43.39
23 21 16 00-0295		**Dual Unit Reducing And Relief Valve** *(23 21 16)*		
23 21 16 00-0296	EA	1/2" Dual Unit Reducing And Relief Valve	217.76	33.10
23 21 16 00-0297		**Safety Relief Valve** *(23 21 16)* Note: Used in water heater and hot water storage tank applications.		
23 21 16 00-0298		**Threaded Inlet, Bronze Body Safety Valves** *(23 21 16 00-0297)* Note: Variable set points to 150 psig pressure, 210 Degree F temperature range.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0299	EA	1/2" x 1/2" Threaded Inlet, Bronze Body Safety Valve	78.30	13.56
23 21 16 00-0300	EA	3/4" x 3/4" Threaded Inlet, Bronze Body Safety Valve	110.33	14.91
23 21 16 00-0301	EA	1" x 1" Threaded Inlet, Bronze Body Safety Valve	160.99	18.16
23 21 16 00-0302	EA	1-1/4" x 1-1/4" Threaded Inlet, Bronze Body Safety Valve	210.21	19.25
23 21 16 00-0303	EA	1-1/2" x 1-1/2" Threaded Inlet, Bronze Body Safety Valve	289.82	25.76
23 21 16 00-0304	EA	2" x 2" Threaded Inlet, Bronze Body Safety Valve	390.79	30.37
23 21 16 00-0305	EA	2-1/2" x 2-1/2" Threaded Inlet, Bronze Body Safety Valve	441.44	37.96
23 21 16 00-0306		Plastic Pressure Relief Valves *(23 21 16 00-0297)*		
23 21 16 00-0307		Polyvinyl Chloride (PVC) Pressure Relief Valves *(23 21 16 00-0306)*		
23 21 16 00-0308	EA	1/4" Polyvinyl Chloride (PVC) Pressure Relief Valve	222.34	16.27
23 21 16 00-0309	EA	1/2" Polyvinyl Chloride (PVC) Pressure Relief Valve	244.25	22.78
23 21 16 00-0310	EA	3/4" Polyvinyl Chloride (PVC) Pressure Relief Valve	460.64	27.12
23 21 16 00-0311	EA	1" Polyvinyl Chloride (PVC) Pressure Relief Valve	545.07	36.34
23 21 16 00-0312	EA	1-1/2" Polyvinyl Chloride (PVC) Pressure Relief Valve	708.78	43.39
23 21 16 00-0313	EA	2" Polyvinyl Chloride (PVC) Pressure Relief Valve	882.03	67.79
23 21 16 00-0314		Polypropylene Pressure Relief Valves *(23 21 16 00-0306)*		
23 21 16 00-0315	EA	1/4" Polypropylene Pressure Relief Valve	255.52	16.27
23 21 16 00-0316	EA	1/2" Polypropylene Pressure Relief Valve	294.01	22.55
23 21 16 00-0317	EA	3/4" Polypropylene Pressure Relief Valve	576.75	27.12
23 21 16 00-0318	EA	1" Polypropylene Pressure Relief Valve	669.48	36.22
23 21 16 00-0319	EA	1-1/2" Polypropylene Pressure Relief Valve	1,181.54	43.39
23 21 16 00-0320	EA	2" Polypropylene Pressure Relief Valve	1,446.02	67.79
23 21 16 00-0321		Teflon (PTFE) Pressure Relief Valves *(23 21 16 00-0306)*		
23 21 16 00-0322	EA	1/4" Teflon (PTFE) Pressure Relief Valve	454.57	16.27
23 21 16 00-0323	EA	1/2" Teflon (PTFE) Pressure Relief Valve	501.36	22.55
23 21 16 00-0324	EA	3/4" Teflon (PTFE) Pressure Relief Valve	949.98	27.12
23 21 16 00-0325	EA	1" Teflon (PTFE) Pressure Relief Valve	1,117.35	36.22
23 21 16 00-0326	EA	1-1/2" Teflon (PTFE) Pressure Relief Valve	1,828.47	43.39
23 21 16 00-0327	EA	2" Teflon (PTFE) Pressure Relief Valve	2,358.36	67.79
23 21 16 00-0328		Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valves *(23 21 16 00-0306)*		
23 21 16 00-0329	EA	1/2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	230.41	22.55
23 21 16 00-0330	EA	3/4" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	262.86	27.12
23 21 16 00-0331	EA	1" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	319.94	36.11
23 21 16 00-0332	EA	1-1/2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	410.40	43.39
23 21 16 00-0333	EA	2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	518.70	67.79
23 21 16 00-0334		Threaded, Bronze Body, Temperature And Pressure Relief Valves *(23 21 16)*		
23 21 16 00-0335	EA	1/2" x 1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	89.74	27.65
		For Cast Iron Body, Add	*55.69*	
23 21 16 00-0336	EA	3/4" x 3/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	116.29	33.18
		For Cast Iron Body, Add	*77.58*	
23 21 16 00-0337	EA	1" x 1" Threaded, Bronze Body, Temperature And Pressure Relief Valve	171.15	44.25
		For Cast Iron Body, Add	*123.55*	
23 21 16 00-0338	EA	1-1/4" x 1-1/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	287.54	47.40
		For Cast Iron Body, Add	*262.59*	
23 21 16 00-0339	EA	1-1/2" x 1-1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	488.58	53.15
		For Cast Iron Body, Add	*502.31*	
23 21 16 00-0340	EA	2" x 2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	562.43	76.41
		For Cast Iron Body, Add	*546.98*	
23 21 16 00-0341		Thermostatic Radiator Valves *(23 21 16)*		
		Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0342	EA	1/2" Straight Thermostatic Radiator Valve (Danfoss 013G8015)	80.72	17.51
23 21 16 00-0343	EA	3/4" Straight Thermostatic Radiator Valve (Danfoss 013G8020)	98.49	23.59
23 21 16 00-0344	EA	1" Straight Thermostatic Radiator Valve (Danfoss 013G8025)	130.81	28.56
23 21 16 00-0345	EA	1-1/4" Straight Thermostatic Radiator Valve (Danfoss 013G8032)	202.03	36.18
23 21 16 00-0346	EA	1/2" Angle Thermostatic Radiator Valve (Danfoss 013G8014)	80.72	17.51
23 21 16 00-0347	EA	3/4" Angle Thermostatic Radiator Valve (Danfoss 013G8019)	98.49	23.59
23 21 16 00-0348	EA	1" Angle Thermostatic Radiator Valve (Danfoss 013G8024)	130.81	28.56
23 21 16 00-0349	EA	1-1/4" Angle Thermostatic Radiator Valve (Danfoss 013G8031)	202.03	36.18
23 21 16 00-0350	EA	Tamper Resistant Valve Mounted Dial And Sensor Thermostatic Operator (Danfoss 013G8240)	81.99	13.56
23 21 16 00-0351	EA	Tamper Resistant Valve Mounted Dial With Remote Sensor Thermostatic Operator (Danfoss 013G2922)	137.49	18.99
23 21 16 00-0352		Radiator Trap Repair Kits *(23 21 16)*		
		Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0353	EA	1/2" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1031)	144.00	
23 21 16 00-0354	EA	3/4" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1032)	180.01	
23 21 16 00-0355	EA	1/2" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1026)	182.94	
23 21 16 00-0356	EA	3/4" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1027)	207.84	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0357	EA	1" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1028)	494.28	
23 21 16 00-0358		**Horizontal Steel Expansion Tanks** *(23 21 16)*		
		Note: ASME Code Stamp. 150 PSI with glass gauge and cocks.		
23 21 16 00-0359	EA	10 Gallon Horizontal Steel Expansion Tank	767.98	108.50
23 21 16 00-0360	EA	15 Gallon Horizontal Steel Expansion Tank	1,097.72	135.63
23 21 16 00-0361	EA	30 Gallon Horizontal Steel Expansion Tank	1,448.16	162.76
23 21 16 00-0362	EA	40 Gallon Horizontal Steel Expansion Tank	1,665.36	189.88
23 21 16 00-0363	EA	60 Gallon Horizontal Steel Expansion Tank	1,932.41	192.27
23 21 16 00-0364		**Horizontal Diaphragm Type (Bladder) Steel Expansion Tanks** *(23 21 16)*		
		Note: ASME. Precharged with working pressure 125 psi. Armstrong AX Series.		
23 21 16 00-0365	EA	7.8 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	1,579.34	81.38
23 21 16 00-0366	EA	10.9 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	1,647.62	94.94
23 21 16 00-0367	EA	21.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,461.74	108.50
23 21 16 00-0368	EA	33.6 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,561.51	122.06
23 21 16 00-0369	EA	44.4 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,477.33	135.63
23 21 16 00-0370	EA	55.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,666.69	149.19
23 21 16 00-0371	EA	68.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,362.15	162.76
23 21 16 00-0372	EA	77.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,667.75	176.31
23 21 16 00-0373	EA	90.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	5,145.27	189.88
23 21 16 00-0374	EA	110.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	5,286.69	217.01
23 21 16 00-0375	EA	132.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	6,636.45	244.13
23 21 16 00-0376	EA	158.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	7,610.87	271.26
23 21 16 00-0377	EA	211.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	8,833.26	325.51
23 21 16 00-0378		**Vertical Diaphragm Type (Bladder) Steel Expansion Tanks (Armstrong AX)** *(23 21 16)*		
		Note: ASME. Precharged with working pressure 125 psi		
23 21 16 00-0379	EA	8.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	1,802.12	81.38
23 21 16 00-0380	EA	11.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	1,858.29	94.94
23 21 16 00-0381	EA	22.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	2,665.15	108.50
23 21 16 00-0382	EA	34.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	2,844.82	122.06
23 21 16 00-0383	EA	44.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,620.19	135.63
23 21 16 00-0384	EA	56.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,807.13	149.19
23 21 16 00-0385	EA	67.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	4,645.47	162.76
23 21 16 00-0386	EA	77.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,021.29	176.31
23 21 16 00-0387	EA	91.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,554.51	189.88
23 21 16 00-0388	EA	111.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,688.66	217.01
23 21 16 00-0389	EA	132.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	7,002.10	244.13
23 21 16 00-0390	EA	158.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	8,126.65	271.26
23 21 16 00-0391	EA	211.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	9,358.72	325.51
23 21 16 00-0392		**Diaphragm Type (Residential Style) Steel Expansion Tanks** *(23 21 16)*		
23 21 16 00-0393	EA	2.1 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-5-M1)	98.53	9.99
23 21 16 00-0394	EA	4.5 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-12-M1)	141.84	9.99
23 21 16 00-0395		**Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tanks** *(23 21 16)*		
23 21 16 00-0396	EA	15 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,131.07	325.62
23 21 16 00-0397	EA	20 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,179.89	325.62
23 21 16 00-0398	EA	30 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,228.69	325.62
23 21 16 00-0399	EA	40 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,355.58	325.62
23 21 16 00-0400	EA	47 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,616.13	433.90
23 21 16 00-0401	EA	60 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,908.30	434.12
23 21 16 00-0402	EA	80 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,966.28	434.12
23 21 16 00-0403	EA	87 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,024.26	434.12
23 21 16 00-0404	EA	120 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,576.52	542.51
23 21 16 00-0405	EA	187 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	7,492.00	542.51
23 21 16 00-0406	EA	264 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	9,532.15	650.80
23 21 16 00-0407		**ASME Construction Compression Tanks** *(23 21 16)*		
		Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height.		
23 21 16 00-0408	EA	15 Gallon, 13" x 34-1/2" ASME Construction Compression Tank	1,156.38	190.97
		For Galvanized Steel Tanks, Add	*433.52*	
23 21 16 00-0409	EA	24 Gallon, 13" x 51" ASME Construction Compression Tank	1,178.19	196.39
		For Galvanized Steel Tanks, Add	*439.91*	
23 21 16 00-0410	EA	30 Gallon, 13" x 61-1/2" ASME Construction Compression Tank	1,289.96	202.90
		For Galvanized Steel Tanks, Add	*490.91*	
23 21 16 00-0411	EA	40 Gallon, 16-1/4" x 53" ASME Construction Compression Tank	1,416.63	210.50
		For Galvanized Steel Tanks, Add	*548.28*	
23 21 16 00-0412	EA	60 Gallon, 16-1/4" x 76-1/2" ASME Construction Compression Tank	1,662.42	222.43
		For Galvanized Steel Tanks, Add	*663.03*	
23 21 16 00-0413	EA	80 Gallon, 20-1/4" x 68" ASME Construction Compression Tank	1,727.08	231.11
		For Galvanized Steel Tanks, Add	*688.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0414	EA	100 Gallon, 20-1/4" x 82" ASME Construction Compression Tank	2,153.07	251.73
		For Galvanized Steel Tanks, Add	*886.18*	
23 21 16 00-0415	EA	120 Gallon, 24-1/4" x 71-1/2" ASME Construction Compression Tank	2,347.53	270.17
		For Galvanized Steel Tanks, Add	*969.04*	
23 21 16 00-0416	EA	144 Gallon, 24-1/4" x 83-1/2" ASME Construction Compression Tank	2,934.22	304.89
		For Galvanized Steel Tanks, Add	*1,236.26*	
23 21 16 00-0417	EA	180 Gallon, 30" x 60" ASME Construction Compression Tank	3,742.44	349.38
		For Galvanized Steel Tanks, Add	*1,606.58*	
23 21 16 00-0418	EA	202 Gallon, 30" x 72" ASME Construction Compression Tank	4,496.15	387.35
		For Galvanized Steel Tanks, Add	*1,954.83*	
23 21 16 00-0419	EA	230 Gallon, 30" x 84" ASME Construction Compression Tank	4,917.68	420.98
		For Galvanized Steel Tanks, Add	*2,139.72*	
23 21 16 00-0420	EA	280 Gallon, 30" x 96" ASME Construction Compression Tank	6,241.75	462.22
		For Galvanized Steel Tanks, Add	*2,770.87*	
23 21 16 00-0421	EA	306 Gallon, 30" x 108" ASME Construction Compression Tank	6,432.53	493.69
		For Galvanized Steel Tanks, Add	*2,842.12*	
23 21 16 00-0422	EA	340 Gallon, 36" x 84" ASME Construction Compression Tank	8,333.72	530.57
		For Galvanized Steel Tanks, Add	*3,765.00*	
23 21 16 00-0423	EA	550 Gallon, 36" x 96" ASME Construction Compression Tank	13,989.63	622.80
		For Galvanized Steel Tanks, Add	*6,523.07*	

23 21 16 00-0424 Compression Tank Air Fittings *(23 21 16)*

23 21 16 00-0425	EA	9" To 24" Diameter Compression Tank Air Fittings	375.89	30.38
23 21 16 00-0426	EA	>100 Gallon Compression Tank Air Fittings	1,305.47	35.81

23 21 16 00-0427 Vortex Air Separators With Strainer *(23 21 16)*

Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types.

23 21 16 00-0428	EA	2" Threaded, 56 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2N)	1,260.78	231.11
		For 300 PSIG, Add	*136.62*	
23 21 16 00-0429	EA	2-1/2" Threaded, 90 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2-1/2N)	1,555.15	264.75
		For 300 PSIG, Add	*172.99*	
23 21 16 00-0430	EA	3" Threaded, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3N)	2,368.75	311.40
		For 300 PSIG, Add	*284.55*	
23 21 16 00-0431	EA	3" Flanged, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3F)	2,531.41	329.79
		For 300 PSIG, Add	*304.76*	
23 21 16 00-0432	EA	4" Flanged, 300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-4F)	3,269.23	439.72
		For 300 PSIG, Add	*390.45*	
23 21 16 00-0433	EA	5" Flanged, 500 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-5F)	4,116.86	522.99
		For 300 PSIG, Add	*498.77*	
23 21 16 00-0434	EA	6" Flanged, 700 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-6F)	4,879.91	592.21
		For 300 PSIG, Add	*597.39*	
23 21 16 00-0435	EA	8" Flanged, 1,300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-8F)	6,994.09	710.46
		For 300 PSIG, Add	*887.60*	
23 21 16 00-0436	EA	10" Flanged, 2,000 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-10F)	10,719.35	807.56
		For 300 PSIG, Add	*1,424.37*	
23 21 16 00-0437	EA	12" Flanged, 2,750 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-12F)	14,452.19	1,045.02
		For 300 PSIG, Add	*1,930.31*	
23 21 16 00-0438	EA	14" Flanged, 3400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-14F)	29,959.89	1,269.02
		For 300 PSIG, Add	*4,205.57*	
23 21 16 00-0439	EA	16" Flanged, 4400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F)	36,979.52	1,522.83
		For 300 PSIG, Add	*5,200.83*	
23 21 16 00-0440	EA	18" Flanged, 5200 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F)	48,214.80	1,776.63
		For 300 PSIG, Add	*6,828.44*	
23 21 16 00-0441	EA	20" Flanged, 6300 GPM With Strainer, Vortex Air Separator (Rolairtrol R-20F)	56,405.31	2,030.44
		For 300 PSIG, Add	*7,999.33*	

23 21 16 00-0442 Vortex Air Separators *(23 21 16)*

Note: Without system strainer.

23 21 16 00-0443	EA	2" Threaded, 56 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2N)	1,082.94	231.11
		For 300 PSIG, Add	*109.94*	
23 21 16 00-0444	EA	2-1/2" Threaded, 90 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2-1/2N)	1,361.14	264.75
		For 300 PSIG, Add	*143.89*	
23 21 16 00-0445	EA	3" Threaded, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3N)	2,320.25	311.40
		For 300 PSIG, Add	*277.28*	
23 21 16 00-0446	EA	3" Flanged, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3F)	2,105.66	329.79
		For 300 PSIG, Add	*240.90*	
23 21 16 00-0447	EA	4" Flanged, 300 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-4F)	2,821.93	439.72
		For 300 PSIG, Add	*323.35*	
23 21 16 00-0448	EA	5" Flanged, 530 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-5F)	3,648.00	522.99
		For 300 PSIG, Add	*428.44*	
23 21 16 00-0449	EA	6" Flanged, 850 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-6F)	4,243.98	592.21
		For 300 PSIG, Add	*502.00*	
23 21 16 00-0450	EA	8" Flanged, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8F)	5,636.01	710.46
		For 300 PSIG, Add	*683.89*	
23 21 16 00-0451	EA	10" Flanged, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10F)	7,814.57	807.56
		For 300 PSIG, Add	*988.65*	
23 21 16 00-0452	EA	12" Flanged, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12F)	12,011.55	1,045.02
		For 300 PSIG, Add	*1,564.22*	
23 21 16 00-0453	EA	14" Flanged, 6,100 GPM Vortex Air Separator (Rolairtrol RL-14F)	20,368.76	1,269.02
		For 300 PSIG, Add	*2,766.90*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0454	EA	16" Flanged, 8,000 GPM Vortex Air Separator (Rolairtrol RL-16F)	25,791.72	1,522.83
		For 300 PSIG, Add	*3,522.66*	
23 21 16 00-0455	EA	18" Flanged, 9,700 GPM Vortex Air Separator (Rolairtrol RL-16F)	34,443.49	1,776.63
		For 300 PSIG, Add	*4,762.74*	
23 21 16 00-0456	EA	20" Flanged, 12,000 GPM Vortex Air Separator (Rolairtrol RL-20F)	47,040.38	2,030.44
		For 300 PSIG, Add	*6,594.59*	
23 21 16 00-0457	EA	22" Flanged, 15,000 GPM Vortex Air Separator (Rolairtrol RL-22F)	57,573.78	2,284.25
		For 300 PSIG, Add	*8,116.92*	
23 21 16 00-0458	EA	24" Flanged, 17,000 GPM Vortex Air Separator (Rolairtrol RL-24F)	68,107.19	2,538.04
		For 300 PSIG, Add	*9,639.25*	

23 21 16 00-0459 Grooved, With Strainer, Vortex Air Separators *(23 21 16)*

23 21 16 00-0460	EA	3" Grooved, 190 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-3G)	2,215.91	263.83
23 21 16 00-0461	EA	4" Grooved, 300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-4G)	3,135.64	351.56
23 21 16 00-0462	EA	5" Grooved, 500 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-5G)	3,958.50	418.00
23 21 16 00-0463	EA	6" Grooved, 700 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-6G)	4,700.38	473.77
23 21 16 00-0464	EA	8" Grooved, 1,300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-8G)	6,767.96	568.53
23 21 16 00-0465	EA	10" Grooved, 2,000 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-10G)	10,894.97	646.05
23 21 16 00-0466	EA	12" Grooved, 2,750 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-12G)	16,563.81	836.11

23 21 16 00-0467 Grooved Vortex Air Separators *(23 21 16)*

Note: Without system strainer.

23 21 16 00-0468	EA	3" Grooved, 190 GPM Vortex Air Separator (Rolairtrol RL-3G)	1,774.00	263.83
23 21 16 00-0469	EA	4" Grooved, 300 GPM Vortex Air Separator (Rolairtrol RL-4G)	2,688.34	351.56
23 21 16 00-0470	EA	5" Grooved, 530 GPM Vortex Air Separator (Rolairtrol RL-5G)	3,489.64	418.00
23 21 16 00-0471	EA	6" Grooved, 850 GPM Vortex Air Separator (Rolairtrol RL-6G)	4,064.45	473.77
23 21 16 00-0472	EA	8" Grooved, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8G)	5,420.66	568.53
23 21 16 00-0473	EA	10" Grooved, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10G)	7,947.08	646.05
23 21 16 00-0474	EA	12" Grooved, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12G)	13,164.22	836.11

23 21 16 00-0475 Removable Head, Air Eliminator And Dirt Separator *(23 21 16)*

Note: Spirovent VDN.

23 21 16 00-0476	EA	2", 45 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	3,597.21	231.11
23 21 16 00-0477	EA	2-1/2", 70 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	3,895.34	264.75
23 21 16 00-0478	EA	3", 95 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	5,200.52	311.40
23 21 16 00-0479	EA	4", 170 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	5,945.97	477.41
23 21 16 00-0480	EA	5", 260 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	8,684.49	590.25
23 21 16 00-0481	EA	6", 375 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	11,175.18	668.38
23 21 16 00-0482	EA	8", 625 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	17,447.31	150.82
23 21 16 00-0483	EA	10", 950 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	25,757.10	911.42
23 21 16 00-0484	EA	12", 1,400 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	33,290.93	1,179.42

23 21 16 00-0485 Swivel Joints *(23 21 16)*

23 21 16 00-0486 Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) *(23 21 16 00-0485)*

Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.

23 21 16 00-0487	EA	1" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	348.95	28.54
23 21 16 00-0488	EA	1-1/2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	501.35	41.77
23 21 16 00-0489	EA	2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	703.90	48.83
23 21 16 00-0490	EA	3" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,048.79	83.55
23 21 16 00-0491	EA	4" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,330.93	94.94
		For Stainless Steel, Add	*1,711.58*	
23 21 16 00-0492	EA	2" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	978.30	144.64
		For Stainless Steel, Add	*1,196.19*	
23 21 16 00-0493	EA	3" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,322.78	115.39
23 21 16 00-0494	EA	4" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,678.94	309.23
23 21 16 00-0495	EA	6" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	3,128.96	390.61

23 21 16 00-0496 Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30) *(23 21 16 00-0485)*

Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.

23 21 16 00-0497	EA	1" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	444.95	28.54
		For Stainless Steel, Add	*581.78*	
23 21 16 00-0498	EA	1-1/2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	546.69	41.77
		For Stainless Steel, Add	*694.83*	
23 21 16 00-0499	EA	2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	737.54	48.83
		For Stainless Steel, Add	*958.35*	
23 21 16 00-0500	EA	3" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,184.81	83.55
		For Stainless Steel, Add	*1,526.82*	
23 21 16 00-0501	EA	4" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,553.10	94.94
		For Stainless Steel, Add	*2,044.83*	
23 21 16 00-0502	EA	2" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,009.04	144.64
		For Stainless Steel, Add	*1,242.30*	
23 21 16 00-0503	EA	3" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,498.85	115.39
		For Stainless Steel, Add	*1,902.00*	
23 21 16 00-0504	EA	4" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,882.21	309.23
		For Stainless Steel, Add	*2,242.05*	

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23 21 16 00-0505	EA	6" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	3,269.34	390.61
		For Stainless Steel, Add	*4,169.00*	
23 21 16 00-0506		**Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)** *(23 21 16 00-0485)*		
		Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		
23 21 16 00-0507	EA	1" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	524.17	28.54
		For Stainless Steel, Add	*700.61*	
23 21 16 00-0508	EA	1-1/2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	607.14	41.77
		For Stainless Steel, Add	*785.51*	
23 21 16 00-0509	EA	2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	889.49	48.83
		For Stainless Steel, Add	*1,186.28*	
23 21 16 00-0510	EA	3" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,367.68	83.55
		For Stainless Steel, Add	*1,801.13*	
23 21 16 00-0511	EA	4" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,613.55	94.94
		For Stainless Steel, Add	*2,135.51*	
23 21 16 00-0512	EA	2" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,160.17	144.64
		For Stainless Steel, Add	*1,469.00*	
23 21 16 00-0513	EA	3" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,686.26	115.39
		For Stainless Steel, Add	*2,183.12*	
23 21 16 00-0514	EA	4" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	2,075.66	309.23
		For Stainless Steel, Add	*2,532.23*	
23 21 16 00-0515	EA	6" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	3,684.95	390.61
		For Stainless Steel, Add	*4,792.41*	
23 21 16 00-0516		**Ball Joints** *(23 21 16)*		
23 21 16 00-0517	EA	1" Steel Threaded Ball Joint (Hyspan BB-33004-16-11)	1,114.83	
23 21 16 00-0518	EA	2" Steel Threaded Ball Joint (Hyspan BB-33001-32-11)	1,624.76	
23 21 16 00-0519	EA	3" Steel Threaded Ball Joint (Hyspan BB-41533-48-21)	2,795.17	
23 21 16 00-0520	EA	8" Steel Welding Type Ball Joint (Hyspan BB-41533-68-21)	8,822.16	
23 21 16 00-0521	EA	10" Steel Welding Type Ball Joint (Hyspan BB-41533-70-21)	10,294.89	
23 21 16 00-0522	EA	3" Steel Flanged Ball Joint (Hyspan BB-41533-48-21)	2,615.78	169.80
23 21 16 00-0523	EA	4" Steel Flanged Ball Joint (Hyspan BB-41533-64-21)	4,050.21	284.65
23 21 16 00-0524	EA	6" Steel Flanged Ball Joint (Hyspan BB-31533-66-11)	4,862.90	349.29
23 21 16 00-0525	EA	8" Steel Flanged Ball Joint (Hyspan BB-41533-68-21)	8,093.66	446.31
23 21 16 00-0526	EA	10" Steel Flanged Ball Joint (Hyspan BB-31533-70-11)	9,488.66	543.34
23 21 16 00-0527	EA	4" Stainless Steel Flanged Ball Joint (Hyspan BB-31524-64)	15,792.06	284.65
23 21 16 00-0528	EA	6" Stainless Ball Flanged Joint (Hyspan BB-31524-66-24)	23,847.00	349.29
23 21 16 00-0529	EA	6" Carbon Steel Flanged Ball Joint (Hyspan BB-41528-66-21)	7,198.79	349.29
23 21 16 00-0530	EA	8" Carbon Steel Flanged Ball Joint (Hyspan BB-41528-68-21)	9,269.09	446.31
23 21 16 00-0531	EA	12" Carbon Steel Flanged Ball Joint (Hyspan BB-41533-72-21)	16,068.92	
23 21 16 00-0532		**Basket Strainers** *(23 21 16)*		
23 21 16 00-0533		**Bronze Body Basket Strainers** *(23 21 16 00-0532)*		
23 21 16 00-0534		**Screwed Ends, Bronze Body Basket Strainers** *(23 21 16 00-0533)*		
23 21 16 00-0535	EA	1/2" Screwed Ends, Bronze Body Basket Strainer	298.47	21.70
		For Work In Restricted Working Space, Add	*12.92*	
23 21 16 00-0536	EA	3/4" Screwed Ends, Bronze Body Basket Strainer	352.75	25.50
		For Work In Restricted Working Space, Add	*15.18*	
23 21 16 00-0537	EA	1" Screwed Ends, Bronze Body Basket Strainer	409.18	30.38
		For Work In Restricted Working Space, Add	*18.08*	
23 21 16 00-0538	EA	1-1/4" Screwed Ends, Bronze Body Basket Strainer	509.60	33.64
		For Work In Restricted Working Space, Add	*20.16*	
23 21 16 00-0539	EA	1-1/2" Screwed Ends, Bronze Body Basket Strainer	601.74	37.97
		For Work In Restricted Working Space, Add	*22.76*	
23 21 16 00-0540	EA	2" Screwed Ends, Bronze Body Basket Strainer	896.55	43.41
		For Work In Restricted Working Space, Add	*26.07*	
23 21 16 00-0541	EA	2-1/2" Screwed Ends, Bronze Body Basket Strainer	1,268.28	58.05
		For Work In Restricted Working Space, Add	*34.92*	
23 21 16 00-0542	EA	3" Screwed Ends, Bronze Body Basket Strainer	1,784.49	61.85
		For Work In Restricted Working Space, Add	*37.03*	
23 21 16 00-0543		**Flanged, Bronze Body Basket Strainers** *(23 21 16 00-0533)*		
23 21 16 00-0544	EA	2" Flanged, Bronze Body Basket Strainer	1,407.85	144.64
		For Work In Restricted Working Space, Add	*54.25*	
23 21 16 00-0545	EA	2-1/2" Flanged, Bronze Body Basket Strainer	2,117.08	157.33
		For Work In Restricted Working Space, Add	*59.18*	
23 21 16 00-0546	EA	3" Flanged, Bronze Body Basket Strainer	2,401.07	184.46
		For Work In Restricted Working Space, Add	*69.26*	
23 21 16 00-0547	EA	4" Flanged, Bronze Body Basket Strainer	4,060.19	309.23
		For Work In Restricted Working Space, Add	*116.25*	
23 21 16 00-0548	EA	6" Flanged, Bronze Body Basket Strainer	7,696.06	346.10
		For Work In Restricted Working Space, Add	*130.25*	
23 21 16 00-0549	EA	8" Flanged, Bronze Body Basket Strainer	14,029.76	442.24
		For Work In Restricted Working Space, Add	*164.81*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0550		**Iron Body Basket Strainers** *(23 21 16 00-0532)*		
23 21 16 00-0551		**Screwed Ends, Iron Body Basket Strainers** *(23 21 16 00-0550)*		
23 21 16 00-0552	EA	1/2" Screwed Ends, Iron Body Basket Strainer	368.32	21.70
		For Work In Restricted Working Space, Add	*12.92*	
23 21 16 00-0553	EA	3/4" Screwed Ends, Iron Body Basket Strainer	414.65	25.50
		For Work In Restricted Working Space, Add	*15.18*	
23 21 16 00-0554	EA	1" Screwed Ends, Iron Body Basket Strainer	489.99	30.38
		For Work In Restricted Working Space, Add	*18.08*	
23 21 16 00-0555	EA	1-1/4" Screwed Ends, Iron Body Basket Strainer	643.14	33.64
		For Work In Restricted Working Space, Add	*20.16*	
23 21 16 00-0556	EA	1-1/2" Screwed Ends, Iron Body Basket Strainer	705.52	37.97
		For Work In Restricted Working Space, Add	*22.76*	
23 21 16 00-0557	EA	2" Screwed Ends, Iron Body Basket Strainer	838.88	43.41
		For Work In Restricted Working Space, Add	*26.07*	
23 21 16 00-0558	EA	2-1/2" Screwed Ends, Iron Body Basket Strainer	1,190.66	58.05
		For Work In Restricted Working Space, Add	*34.92*	
23 21 16 00-0559	EA	3" Screwed Ends, Iron Body Basket Strainer	1,346.92	61.85
		For Work In Restricted Working Space, Add	*37.03*	
23 21 16 00-0560		**Flanged, Iron Body Basket Strainers** *(23 21 16 00-0550)*		
23 21 16 00-0561	EA	2" Flanged, Iron Body Basket Strainer	960.91	144.64
		For Work In Restricted Working Space, Add	*54.25*	
23 21 16 00-0562	EA	2-1/2" Flanged, Iron Body Basket Strainer	1,248.67	157.33
		For Work In Restricted Working Space, Add	*59.18*	
23 21 16 00-0563	EA	3" Flanged, Iron Body Basket Strainer	1,350.09	184.46
		For Work In Restricted Working Space, Add	*69.26*	
23 21 16 00-0564	EA	4" Flanged, Iron Body Basket Strainer	2,072.02	309.23
		For Work In Restricted Working Space, Add	*116.25*	
23 21 16 00-0565	EA	6" Flanged, Iron Body Basket Strainer	3,712.74	346.10
		For Work In Restricted Working Space, Add	*130.25*	
23 21 16 00-0566	EA	8" Flanged, Iron Body Basket Strainer	6,597.76	442.24
		For Work In Restricted Working Space, Add	*164.81*	
23 21 16 00-0567	EA	10" Flanged, Iron Body Basket Strainer	9,773.83	538.37
		For Work In Restricted Working Space, Add	*201.89*	
23 21 16 00-0568	EA	12" Flanged, Iron Body Basket Strainer	12,154.01	678.74
		For Work In Restricted Working Space, Add	*407.20*	
23 21 16 00-0569	EA	14" Flanged, Iron Body Basket Strainer	14,584.42	769.11
		For Work In Restricted Working Space, Add	*288.41*	
23 21 16 00-0570	EA	16" Flanged, Iron Body Basket Strainer	15,302.36	846.01
		For Work In Restricted Working Space, Add	*317.26*	
23 21 16 00-0571		**Cast Steel Body Basket Strainers** *(23 21 16 00-0532)*		
23 21 16 00-0572		**Screwed Ends, Cast Steel Body Basket Strainers** *(23 21 16 00-0571)*		
23 21 16 00-0573	EA	1" Screwed Ends, Cast Steel Body Basket Strainer	1,590.48	30.38
		For Work In Restricted Working Space, Add	*18.08*	
23 21 16 00-0574	EA	1-1/4" Screwed Ends, Cast Steel Body Basket Strainer	2,109.63	33.64
		For Work In Restricted Working Space, Add	*20.16*	
23 21 16 00-0575	EA	1-1/2" Screwed Ends, Cast Steel Body Basket Strainer	2,377.64	37.97
		For Work In Restricted Working Space, Add	*22.76*	
23 21 16 00-0576	EA	2" Screwed Ends, Cast Steel Body Basket Strainer	3,361.24	43.41
		For Work In Restricted Working Space, Add	*26.06*	
23 21 16 00-0577	EA	2-1/2" Screwed Ends, Cast Steel Body Basket Strainer	4,719.93	58.05
		For Work In Restricted Working Space, Add	*34.91*	
23 21 16 00-0578	EA	3" Screwed Ends, Cast Steel Body Basket Strainer	6,153.47	61.85
		For Work In Restricted Working Space, Add	*37.04*	
23 21 16 00-0579		**Flanged, Cast Steel Body Basket Strainers** *(23 21 16 00-0571)*		
23 21 16 00-0580	EA	2" Flanged, Cast Steel Body Basket Strainer	4,946.50	144.64
		For Work In Restricted Working Space, Add	*54.25*	
23 21 16 00-0581	EA	2-1/2" Flanged, Cast Steel Body Basket Strainer	7,167.45	157.33
		For Work In Restricted Working Space, Add	*59.18*	
23 21 16 00-0582	EA	3" Flanged, Cast Steel Body Basket Strainer	7,849.41	184.46
		For Work In Restricted Working Space, Add	*69.26*	
23 21 16 00-0583	EA	4" Flanged, Cast Steel Body Basket Strainer	11,085.92	309.23
		For Work In Restricted Working Space, Add	*116.25*	
23 21 16 00-0584	EA	6" Flanged, Cast Steel Body Basket Strainer	19,723.73	346.10
		For Work In Restricted Working Space, Add	*130.25*	
23 21 16 00-0585	EA	8" Flanged, Cast Steel Body Basket Strainer	32,158.30	442.24
		For Work In Restricted Working Space, Add	*164.81*	
23 21 16 00-0586		**Stainless Steel Body Basket Strainers** *(23 21 16 00-0532)*		
23 21 16 00-0587		**Screwed Ends, Stainless Steel Body Basket Strainers** *(23 21 16 00-0586)*		
23 21 16 00-0588	EA	1" Screwed Ends, Stainless Steel Body Basket Strainer	541.09	30.38
		For Work In Restricted Working Space, Add	*18.08*	
23 21 16 00-0589	EA	1-1/4" Screwed Ends, Stainless Steel Body Basket Strainer	778.90	33.64
		For Work In Restricted Working Space, Add	*20.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0590	EA	1-1/2" Screwed Ends, Stainless Steel Body Basket Strainer	804.22	37.97
		For Work In Restricted Working Space, Add	*22.76*	
23 21 16 00-0591	EA	2" Screwed Ends, Stainless Steel Body Basket Strainer	1,188.93	43.41
		For Work In Restricted Working Space, Add	*26.06*	
23 21 16 00-0592	EA	2-1/2" Screwed Ends, Stainless Steel Body Basket Strainer	1,680.19	58.05
		For Work In Restricted Working Space, Add	*34.91*	
23 21 16 00-0593	EA	3" Screwed Ends, Stainless Steel Body Basket Strainer	2,372.79	61.85
		For Work In Restricted Working Space, Add	*37.04*	
23 21 16 00-0594		Flanged, Stainless Steel Body Basket Strainers *(23 21 16 00-0586)*		
23 21 16 00-0595	EA	2" Flanged, Stainless Steel Body Basket Strainer	1,820.83	144.64
		For Work In Restricted Working Space, Add	*54.25*	
23 21 16 00-0596	EA	2-1/2" Flanged, Stainless Steel Body Basket Strainer	2,751.27	157.33
		For Work In Restricted Working Space, Add	*59.18*	
23 21 16 00-0597	EA	3" Flanged, Stainless Steel Body Basket Strainer	3,115.71	184.46
		For Work In Restricted Working Space, Add	*69.26*	
23 21 16 00-0598	EA	4" Flanged, Stainless Steel Body Basket Strainer	5,267.01	309.23
		For Work In Restricted Working Space, Add	*116.25*	
23 21 16 00-0599	EA	6" Flanged, Stainless Steel Body Basket Strainer	8,050.95	346.10
		For Work In Restricted Working Space, Add	*130.25*	
23 21 16 00-0600	EA	8" Flanged, Stainless Steel Body Basket Strainer	13,973.94	442.24
		For Work In Restricted Working Space, Add	*164.81*	
23 21 16 00-0601		Plastic Basket Strainers *(23 21 16 00-0532)*		
23 21 16 00-0602		Screwed Or Socket Ends, Simplex, Plastic Basket Strainers *(23 21 16 00-0601)*		
23 21 16 00-0603		Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0602)*		
23 21 16 00-0604	EA	1/2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	515.46	15.19
		For Work In Restricted Working Space, Add	*12.92*	
23 21 16 00-0605	EA	3/4" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	523.00	17.69
		For Work In Restricted Working Space, Add	*15.18*	
23 21 16 00-0606	EA	1" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	532.69	21.05
		For Work In Restricted Working Space, Add	*18.08*	
23 21 16 00-0607	EA	1-1/2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	887.89	26.59
		For Work In Restricted Working Space, Add	*22.76*	
23 21 16 00-0608	EA	2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	914.23	30.38
		For Work In Restricted Working Space, Add	*26.06*	
23 21 16 00-0609	EA	3" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	1,997.77	43.41
		For Work In Restricted Working Space, Add	*37.04*	
23 21 16 00-0610	EA	4" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	2,644.77	56.96
		For Work In Restricted Working Space, Add	*48.82*	
23 21 16 00-0611		Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0602)*		
23 21 16 00-0612	EA	1/2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	999.33	15.19
		For Work In Restricted Working Space, Add	*12.92*	
23 21 16 00-0613	EA	3/4" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,006.87	17.69
		For Work In Restricted Working Space, Add	*15.18*	
23 21 16 00-0614	EA	1" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,016.56	21.05
		For Work In Restricted Working Space, Add	*18.08*	
23 21 16 00-0615	EA	1-1/2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,778.51	26.59
		For Work In Restricted Working Space, Add	*22.76*	
23 21 16 00-0616	EA	2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,822.85	30.38
		For Work In Restricted Working Space, Add	*26.06*	
23 21 16 00-0617	EA	3" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	739.88	43.41
		For Work In Restricted Working Space, Add	*37.04*	
23 21 16 00-0618	EA	4" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	4,967.46	56.96
		For Work In Restricted Working Space, Add	*48.82*	
23 21 16 00-0619		Flanged, Simplex, Plastic Basket Strainers *(23 21 16 00-0601)*		
23 21 16 00-0620		Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0619)*		
23 21 16 00-0621	EA	1" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	731.17	94.94
		For Work In Restricted Working Space, Add	*56.95*	
23 21 16 00-0622	EA	1-1/2" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	1,184.81	108.50
		For Work In Restricted Working Space, Add	*65.10*	
23 21 16 00-0623	EA	2" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	1,238.47	126.41
		For Work In Restricted Working Space, Add	*75.84*	
23 21 16 00-0624	EA	3" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	2,480.53	184.46
		For Work In Restricted Working Space, Add	*69.26*	
23 21 16 00-0625	EA	4" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	3,321.54	309.23
		For Work In Restricted Working Space, Add	*116.25*	
23 21 16 00-0626	EA	6" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	6,748.76	390.61
		For Work In Restricted Working Space, Add	*147.00*	
23 21 16 00-0627	EA	8" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	8,867.98	499.11
		For Work In Restricted Working Space, Add	*186.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0628		**Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers** *(23 21 16 00-0619)*		
23 21 16 00-0629	EA	1-1/2" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,132.91	108.50
		For Work In Restricted Working Space, Add	*65.10*	
23 21 16 00-0630	EA	2" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,208.68	126.41
		For Work In Restricted Working Space, Add	*75.84*	
23 21 16 00-0631	EA	3" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	4,862.33	184.46
		For Work In Restricted Working Space, Add	*69.26*	
23 21 16 00-0632	EA	4" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	6,061.91	309.23
		For Work In Restricted Working Space, Add	*116.25*	
23 21 16 00-0633		**Screwed Or Socket Ends, Duplex, Plastic Basket Strainers** *(23 21 16 00-0601)*		
23 21 16 00-0634		**Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainers** *(23 21 16 00-0633)*		
23 21 16 00-0635	EA	1/2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	2,285.07	15.19
		For Work In Restricted Working Space, Add	*12.92*	
23 21 16 00-0636	EA	3/4" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	2,292.61	17.69
		For Work In Restricted Working Space, Add	*15.18*	
23 21 16 00-0637	EA	1" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	2,302.30	21.05
		For Work In Restricted Working Space, Add	*18.08*	
23 21 16 00-0638	EA	1-1/2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	3,566.56	26.59
		For Work In Restricted Working Space, Add	*22.76*	
23 21 16 00-0639	EA	2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	3,577.58	30.38
		For Work In Restricted Working Space, Add	*26.06*	
23 21 16 00-0640	EA	3" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	8,006.27	43.41
		For Work In Restricted Working Space, Add	*37.04*	
23 21 16 00-0641	EA	4" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	10,560.78	56.96
		For Work In Restricted Working Space, Add	*48.82*	
23 21 16 00-0642		**Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers** *(23 21 16 00-0633)*		
23 21 16 00-0643	EA	1/2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	4,424.63	15.19
		For Work In Restricted Working Space, Add	*12.92*	
23 21 16 00-0644	EA	3/4" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	4,432.17	17.69
		For Work In Restricted Working Space, Add	*15.18*	
23 21 16 00-0645	EA	1" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	4,441.86	21.05
		For Work In Restricted Working Space, Add	*18.08*	
23 21 16 00-0646	EA	1-1/2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	6,909.79	26.59
		For Work In Restricted Working Space, Add	*22.76*	
23 21 16 00-0647	EA	2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	6,920.81	30.38
		For Work In Restricted Working Space, Add	*26.06*	
23 21 16 00-0648	EA	3" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	13,528.10	43.41
		For Work In Restricted Working Space, Add	*37.04*	
23 21 16 00-0649	EA	4" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	20,357.97	56.96
		For Work In Restricted Working Space, Add	*48.82*	
23 21 16 00-0650		**Flanged, Duplex, Plastic Basket Strainers** *(23 21 16 00-0601)*		
23 21 16 00-0651		**Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainers** *(23 21 16 00-0650)*		
23 21 16 00-0652	EA	1/2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	2,374.48	40.68
		For Work In Restricted Working Space, Add	*24.42*	
23 21 16 00-0653	EA	3/4" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	2,401.59	54.25
		For Work In Restricted Working Space, Add	*32.55*	
23 21 16 00-0654	EA	1" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	2,482.91	94.94
		For Work In Restricted Working Space, Add	*56.95*	
23 21 16 00-0655	EA	1-1/2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	3,840.50	108.50
		For Work In Restricted Working Space, Add	*65.10*	
23 21 16 00-0656	EA	2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	3,876.29	126.41
		For Work In Restricted Working Space, Add	*75.84*	
23 21 16 00-0657	EA	3" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	8,394.55	184.46
		For Work In Restricted Working Space, Add	*69.26*	
23 21 16 00-0658	EA	4" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	11,140.51	309.23
		For Work In Restricted Working Space, Add	*116.25*	
23 21 16 00-0659		**Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers** *(23 21 16 00-0650)*		
23 21 16 00-0660	EA	1/2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	4,556.24	40.68
		For Work In Restricted Working Space, Add	*24.41*	
23 21 16 00-0661	EA	3/4" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	4,583.34	54.25
		For Work In Restricted Working Space, Add	*32.54*	
23 21 16 00-0662	EA	1" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	4,664.70	94.94
		For Work In Restricted Working Space, Add	*56.95*	
23 21 16 00-0663	EA	1-1/2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	7,297.51	108.50
		For Work In Restricted Working Space, Add	*65.10*	
23 21 16 00-0664	EA	2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	7,333.30	126.41
		For Work In Restricted Working Space, Add	*75.84*	
23 21 16 00-0665	EA	3" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	16,547.65	184.46
		For Work In Restricted Working Space, Add	*69.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0666	EA	4" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	21,459.08	309.23
		For Work In Restricted Working Space, Add	*116.25*	

23 21 16 00-0667 Plastic Strainer Baskets *(23 21 16 00-0532)*

23 21 16 00-0668 Polyvinyl Chloride (PVC) Strainer Baskets *(23 21 16 00-0667)*

23 21 16 00-0669	EA	1/2", 3/4" Or 1" Polyvinyl Chloride (PVC) Strainer Basket	199.43	
23 21 16 00-0670	EA	1-1/2", Or 2" Polyvinyl Chloride (PVC) Strainer Basket	244.63	
23 21 16 00-0671	EA	3" Polyvinyl Chloride (PVC) Strainer Basket	549.01	
23 21 16 00-0672	EA	4" Polyvinyl Chloride (PVC) Strainer Basket	623.07	

23 21 16 00-0673 Chlorinated Polyvinyl Chloride (CPVC) Strainer Baskets *(23 21 16 00-0667)*

23 21 16 00-0674	EA	1/2", 3/4" Or 1" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	383.18	
23 21 16 00-0675	EA	1-1/2" Or 2" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	479.81	
23 21 16 00-0676	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	1,066.24	
23 21 16 00-0677	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	1,182.86	

23 21 23 Hydronic Pumps *(23 21)*

23 21 23 13 In-Line Centrifugal Hydronic Pumps *(23 21 23)*

23 21 23 13-0001 Cast Iron Single Stage In-Line Centrifugal Pump *(23 21 23 13)*
Note: For general service, 125 LB flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.

23 21 23 13-0002	EA	3 HP, 50 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump	5,572.94	289.82
		For Mechanical Seal, Add	*376.31*	
		For Cast Steel Case, Add	*846.71*	
23 21 23 13-0003	EA	5 HP, 75 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump	6,094.69	350.78
		For Mechanical Seal, Add	*403.42*	
		For Cast Steel Case, Add	*907.69*	
23 21 23 13-0004	EA	7-1/2 HP, 100 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump	7,047.69	416.74
		For Mechanical Seal, Add	*463.88*	
		For Cast Steel Case, Add	*1,043.73*	
23 21 23 13-0005	EA	10 HP, 125 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump	7,918.20	555.65
		For Mechanical Seal, Add	*500.21*	
		For Cast Steel Case, Add	*1,125.46*	
23 21 23 13-0006	EA	15 HP, 150 GPM At 200' Head, Single Stage Cast Iron In-Line Circulating Pump	9,068.94	605.62
		For Mechanical Seal, Add	*580.15*	
		For Cast Steel Case, Add	*1,305.34*	
23 21 23 13-0007	EA	30 HP, 200 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	13,491.46	666.58
		For Mechanical Seal, Add	*919.42*	
		For Cast Steel Case, Add	*2,068.69*	
23 21 23 13-0008	EA	40 HP, 250 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	15,867.32	832.48
		For Mechanical Seal, Add	*1,069.51*	
		For Cast Steel Case, Add	*2,406.40*	
23 21 23 13-0009	EA	50 HP, 300 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	22,016.57	951.40
		For Mechanical Seal, Add	*1,532.90*	
		For Cast Steel Case, Add	*3,449.02*	
23 21 23 13-0010	EA	75 HP, 400 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump	27,944.50	996.96
		For Mechanical Seal, Add	*1,996.28*	
		For Cast Steel Case, Add	*4,491.64*	
23 21 23 13-0011	EA	100 HP, 600 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump	30,566.08	1,281.52
		For Mechanical Seal, Add	*2,137.64*	
		For Cast Steel Case, Add	*4,809.70*	

23 21 23 13-0012 Cast Iron, Single Stage, Vertical In-Line, Close Coupled, Pump *(23 21 23 13)*
Note: For general service, 125 LB flanged, 1,800 RPM TEFC motor.

23 21 23 13-0013	EA	1/2 HP, 1-1/2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	2,150.44	166.40
23 21 23 13-0014	EA	3/4 HP, 2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	3,820.15	190.18
23 21 23 13-0015	EA	1 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,150.74	212.97
23 21 23 13-0016	EA	1-1/2 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,363.62	231.55
23 21 23 13-0017	EA	2 HP, 4" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	5,713.69	253.54
23 21 23 13-0018	EA	3 HP, 5" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	5,872.45	280.22
23 21 23 13-0019	EA	5 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	6,711.51	332.79
23 21 23 13-0020	EA	7-1/2 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	7,806.85	409.64
23 21 23 13-0021	EA	10 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	10,057.89	443.72
23 21 23 13-0022	EA	15 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	11,760.90	469.80
23 21 23 13-0023	EA	20 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	15,124.35	499.19
23 21 23 13-0024	EA	25 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	15,960.40	515.88
23 21 23 13-0025	EA	30 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	16,796.44	532.47
23 21 23 13-0026	EA	40 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	19,950.16	570.54
23 21 23 13-0027	EA	50 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	21,604.87	667.82
23 21 23 13-0028	EA	60 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	23,858.64	964.57
23 21 23 13-0029	EA	75 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	28,117.71	1,929.14
23 21 23 13-0030	EA	100 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	32,315.88	2,314.97

23 21 23 16 Base-Mounted, Centrifugal Hydronic Pumps *(23 21 23)*
See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0001		**Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump** *(23 21 23 16)* Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.		
23 21 23 16-0002	EA	5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T)	7,183.74	316.80
23 21 23 16-0003	EA	7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T)	8,078.05	317.20
23 21 23 16-0004	EA	10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T)	10,670.15	416.74
23 21 23 16-0005	EA	15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T)	11,642.94	512.67
23 21 23 16-0006	EA	15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T)	13,086.57	512.67
23 21 23 16-0007	EA	20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T)	12,679.42	555.65
23 21 23 16-0008	EA	20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T)	13,500.19	555.65
23 21 23 16-0009	EA	25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T)	14,755.77	582.63
23 21 23 16-0010	EA	30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T)	16,361.96	740.54
23 21 23 16-0011	EA	40 HP, 1,050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T)	17,272.18	832.48
23 21 23 16-0012	EA	60 HP, 1,500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T)	25,959.41	2,027.99
23 21 23 16-0013	EA	75 HP, 2,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T)	38,026.89	2,433.15
23 21 23 16-0014	EA	100 HP, 3,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS)	42,908.30	3,041.44
23 21 23 16-0015		**Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump** *(23 21 23 16)* Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.		
23 21 23 16-0016	EA	1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	5,791.89	232.85
		For 300 LB Flanges, Add	*1,343.00*	
23 21 23 16-0017	EA	2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	7,375.53	249.85
		For 300 LB Flanges, Add	*1,750.19*	
23 21 23 16-0018	EA	3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	9,244.46	266.83
		For 300 LB Flanges, Add	*2,200.07*	
23 21 23 16-0019	EA	5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	10,783.87	316.80
		For 300 LB Flanges, Add	*2,553.20*	
23 21 23 16-0020	EA	7-1/2 HP, 150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	11,333.64	317.20
		For 300 LB Flanges, Add	*2,683.50*	
23 21 23 16-0021	EA	10 HP, 200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	11,847.51	416.74
		For 300 LB Flanges, Add	*2,774.50*	
23 21 23 16-0022	EA	10 HP, 225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	12,111.60	416.74
		For 300 LB Flanges, Add	*2,840.52*	
23 21 23 16-0023	EA	10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	12,696.57	416.74
		For 300 LB Flanges, Add	*2,986.76*	
23 21 23 16-0024	EA	15 HP, 300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	14,739.90	512.67
		For 300 LB Flanges, Add	*3,454.35*	
23 21 23 16-0025	EA	17-1/2 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	14,968.82	512.28
		For 300 LB Flanges, Add	*3,502.28*	
23 21 23 16-0026	EA	20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	15,778.54	555.65
		For 300 LB Flanges, Add	*3,694.79*	
23 21 23 16-0027	EA	25 HP, 600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	17,313.84	582.63
		For 300 LB Flanges, Add	*4,058.65*	
23 21 23 16-0028	EA	30 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	19,138.11	740.54
		For 300 LB Flanges, Add	*4,451.40*	
23 21 23 16-0029	EA	40 HP, 1,050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	21,710.21	832.48
		For 300 LB Flanges, Add	*5,052.79*	
23 21 23 16-0030	EA	60 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	33,972.01	2,027.99
		For 300 LB Flanges, Add	*7,515.40*	
23 21 23 16-0031	EA	75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	40,406.21	2,433.15
		For 300 LB Flanges, Add	*8,928.43*	
23 21 23 16-0032	EA	100 HP, 3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	49,284.94	3,041.44
		For 300 LB Flanges, Add	*10,854.83*	
23 21 23 16-0033		**Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump** *(23 21 23 16)* Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.		
23 21 23 16-0034	EA	1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	5,565.06	232.85
		For 300 LB Flanges, Add	*1,286.29*	
23 21 23 16-0035	EA	2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	5,713.79	249.85
		For 300 LB Flanges, Add	*1,316.01*	
23 21 23 16-0036	EA	3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	5,862.66	266.83
		For 300 LB Flanges, Add	*1,345.74*	
23 21 23 16-0037	EA	5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	6,366.76	272.83
		For 300 LB Flanges, Add	*1,468.82*	
23 21 23 16-0038	EA	7-1/2 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	10,374.88	316.80
		For 300 LB Flanges, Add	*2,450.95*	
23 21 23 16-0039	EA	10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	12,566.05	416.74
		For 300 LB Flanges, Add	*2,979.49*	
23 21 23 16-0040	EA	15 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	14,131.07	449.71
		For 300 LB Flanges, Add	*3,345.39*	
23 21 23 16-0041	EA	20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	14,950.69	499.68
		For 300 LB Flanges, Add	*3,507.05*	
23 21 23 16-0042	EA	25 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	16,643.28	498.96
		For 300 LB Flanges, Add	*3,936.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0043	EA	40 HP, 1,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	18,654.10	641.24
		For 300 LB Flanges, Add	*4,375.11*	
23 21 23 16-0044	EA	50 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	23,745.11	811.41
		For 300 LB Flanges, Add	*5,545.24*	
23 21 23 16-0045	EA	75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	30,305.16	1,013.45
		For 300 LB Flanges, Add	*7,087.49*	
23 21 23 16-0046	EA	3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP	38,107.57	1,216.57
		For 300 LB Flanges, Add	*8,940.33*	
23 21 23 16-0047	EA	150 HP, 3,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	45,156.46	1,351.27
		For 300 LB Flanges, Add	*10,637.38*	
23 21 23 16-0048	EA	200 HP, 4,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	51,982.71	1,737.96
		For 300 LB Flanges, Add	*12,157.73*	
23 21 23 16-0049		**Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump** *(23 21 23 16)*		
		Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.		
23 21 23 16-0050	EA	40 HP, 100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	35,300.45	512.67
		For 300 LB Flanges, Add	*8,594.49*	
23 21 23 16-0051	EA	50 HP, 200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	38,108.18	555.65
		For 300 LB Flanges, Add	*9,277.20*	
23 21 23 16-0052	EA	75 HP, 300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	50,883.95	751.44
		For 300 LB Flanges, Add	*12,376.91*	
23 21 23 16-0053	EA	100 HP, 400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	59,425.67	1,032.55
		For 300 LB Flanges, Add	*14,383.31*	
23 21 23 16-0054	EA	200 HP, 800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	82,449.75	1,376.72
		For 300 LB Flanges, Add	*19,981.62*	
23 21 23 16-0055		**Cast Iron Close Coupling Pumps** *(23 21 23 16)*		
23 21 23 16-0056		**Foot Mounted Cast Iron Close Coupled Pumps** *(23 21 23 16-0055)*		
23 21 23 16-0057	EA	3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM)	6,417.69	299.82
23 21 23 16-0058	EA	3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM)	7,008.12	299.82
23 21 23 16-0059	EA	5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM)	7,807.48	316.47
23 21 23 16-0060	EA	5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM)	8,329.78	316.47
23 21 23 16-0061	EA	7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM)	9,599.55	332.79
23 21 23 16-0062	EA	10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM)	11,372.05	400.58
23 21 23 16-0063	EA	15 HP, 1,000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP)	14,956.62	493.48
23 21 23 16-0064	EA	20 HP, 1,350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP)	16,006.25	534.10
23 21 23 16-0065	EA	25 HP, 1,550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP)	18,573.99	576.83
23 21 23 16-0066		**Pumps, Polypropylene Body, Housing And Impeller, 115/230 Volt** *(23 21 23 16)*		
23 21 23 16-0067	EA	1/3 HP, Centrifugal Pump, Polypropylene Body	1,594.32	154.84
23 21 23 16-0068	EA	1/2 HP, Centrifugal Pump, Polypropylene Body	1,701.31	164.16
23 21 23 16-0069	EA	3/4 HP, Centrifugal Pump, Polypropylene Body	1,992.37	174.80
23 21 23 16-0070		**Multi Stage, Stainless Steel, Horizontal End Suction, Base Mounted Centrifugal Pump** *(23 21 23 16)*		
		Note: 3500RPM, 3 phase 208 to 240/480 Volt. (Goulds EHM)		
23 21 23 16-0071	EA	2 HP, 30 GPM At 140' Head, Stainless Steel Booster Pump (Goulds 5HM05N15T6PBQE)	2,985.22	299.82
23 21 23 16-0072		**Multi Stage, Stainless Steel, Vertical Centrifugal Pump** *(23 21 23 16)*		
		Note: Suction And Discharge Ports On The Same Level		
23 21 23 16-0073	EA	7.5 HP, 90.3 GPM @ 206' Head, Multi Stage, Stainless Steel, Vertical Centrifugal Pump (Grundfos CRN15-4)	8,682.44	426.73
23 21 23 16-0074	EA	15 HP, 159 GPM @ 250' Head, Multi Stage, Stainless Steel, Vertical Centrifugal Pump (Grundfos CRN32-4)	11,898.52	527.67
23 21 23 16-0075	EA	25 HP, 239 GPM @ 212' Head, Multi Stage, Stainless Steel, Vertical Centrifugal Pump (Grundfos CRN64-2)	14,576.70	665.58
23 21 23 23		**Vertical-Turbine Hydronic Pumps** *(23 21 23)*		
		See CSI section 26 29 23 00-0000 for variable frequency motor controllers.		
23 21 23 23-0001		**Cast Iron, Bronze Fitted Vertical Turbine Wet Sump Pumps** *(23 21 23 23)*		
		Note: For water supply, cooling towers and process liquids. Multi-stage 1750 RPM drip-proof motor. For 1' to 5' sump depth.		
23 21 23 23-0002	EA	2 HP, 50 GPM Cast Iron Turbine Pump, 3" Discharge 100' Head, 10 Stage	11,307.57	740.54
		For Each Extra Column Assembly <60", Add	*949.02*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*407.89*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*294.81*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 23-0003		EA	3 HP, 100 GPM Cast Iron Turbine Pump, 4" Discharge 100' Head, 7 Stage	13,045.48	832.48
			For Each Extra Column Assembly <60", Add	*1,088.41*	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*477.04*	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*346.59*	
23 21 23 23-0004		EA	15 HP, 250 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 5 Stage	15,760.81	811.41
			For Each Extra Column Assembly <60", Add	*1,319.06*	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*572.24*	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*414.63*	
23 21 23 23-0005		EA	25 HP, 500 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 3 Stage	18,585.31	936.33
			For Each Extra Column Assembly <60", Add	*1,546.99*	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*683.25*	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*497.40*	
23 21 23 23-0006		EA	50 HP, 1,000 GPM Cast Iron Turbine Pump, 8" Discharge 150' Head, 2 Stage	22,892.57	1,013.45
			For Each Extra Column Assembly <60", Add	*1,896.58*	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*850.53*	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*621.60*	
23 21 23 23-0007		EA	100 HP, 2,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 3 Stage	30,103.35	1,216.57
			For Each Extra Column Assembly <60", Add	*2,486.48*	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,125.93*	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*824.89*	
23 21 23 23-0008		EA	150 HP, 3,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 2 Stage	36,030.84	1,520.72
			For Each Extra Column Assembly <60", Add	*2,980.23*	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,343.47*	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*983.16*	
23 21 23 23-0009		EA	200 HP, 4,000 GPM Cast Iron Turbine Pump, 12" Discharge 150' Head, 2 Stage	57,703.73	1,737.96
			For Each Extra Column Assembly <60", Add	*4,728.02*	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*2,196.42*	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*1,619.39*	
23 21 23 23-0010		EA	250 HP, 6,000 GPM Cast Iron Turbine Pump, 14" Discharge 150' Head, 2 Stage	75,662.65	2,027.99
			For Each Extra Column Assembly <60", Add	*6,183.36*	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*2,896.16*	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*2,139.53*	
23 21 23 23-0011		EA	300 HP, 10,000 GPM Cast Iron Turbine Pump, 18" Discharge 100' Head, 2 Stage	105,921.29	2,433.15
			For Each Extra Column Assembly <60", Add	*8,630.12*	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*4,080.43*	
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*3,021.22*	

23 21 29 Automatic Condensate Pump Units *(23 21)*

23 21 29 00-0001 Automatic Shallow Pan Condensate Pump *(23 21 29)*

23 21 29 00-0002		EA	1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS)	199.87	32.48
23 21 29 00-0003		EA	1/40 HP, 300 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 2-ABS)	216.75	32.48
23 21 29 00-0004		EA	1/12 HP, 310 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 3-ABS)	337.78	37.47

23 21 29 00-0005 Automatic Condensate Pump With Tank *(23 21 29)*

23 21 29 00-0006		EA	1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL)	109.72	24.98
23 21 29 00-0007		EA	1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20)	116.92	24.98
23 21 29 00-0008		EA	1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS)	194.34	32.48
23 21 29 00-0009		EA	1/18 HP, 270 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-24ULS)	209.86	37.47
23 21 29 00-0010		EA	1/5 HP, 450 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-45ULS) Condensate Pump	387.04	42.48

23 22 Steam and Condensate Piping and Pumps *(23 20)*

23 22 16 Steam and Condensate Heating Piping Specialties *(23 22)*

23 22 16 00-0001 High Temperature Safety Relief Valve *(23 22 16)*

Note: Used in steam or water boiler, heating systems and unfired pressure vessel applications.

23 22 16 00-0002 Cast Iron Body Safety Valve, Steam Or Water *(23 22 16 00-0001)*

Note: Variable set points to 500 psig pressure, 400 Degree F temperature range.

23 22 16 00-0003 Threaded *(23 22 16 00-0002)*

23 22 16 00-0004		EA	3/4" x 1" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	496.37	16.27
23 22 16 00-0005		EA	1" x 1-1/4" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	518.82	19.25
23 22 16 00-0006		EA	1-1/4" x 1-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	571.38	24.40
23 22 16 00-0007		EA	1-1/2" x 2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	705.62	27.12
23 22 16 00-0008		EA	2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	903.79	33.35
23 22 16 00-0009		EA	2-1/2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	1,406.42	37.96
23 22 16 00-0010		EA	3" x 3" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	1,523.46	43.65

23 22 16 00-0011 Flanged *(23 22 16 00-0002)*

23 22 16 00-0012		EA	1-1/2" x 2-1/2" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	3,519.50	113.88
23 22 16 00-0013		EA	2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	4,093.64	171.18
23 22 16 00-0014		EA	2-1/2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	4,525.81	157.64
23 22 16 00-0015		EA	2-1/2" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	5,493.47	227.69
23 22 16 00-0016		EA	3" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	5,870.42	169.80
23 22 16 00-0017		EA	3" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	6,894.49	227.69
23 22 16 00-0018		EA	4" x 6" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	11,543.52	323.10
23 22 16 00-0019		EA	6" x 8" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	22,989.40	360.85

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0020		**Bronze Body Safety Valve, Threaded, Steam** *(23 22 16 00-0001)* Note: Variable set points to 250 psig pressure, 400 Degree F temperature range. Valve also can be set for Air or Gas with variable set points to 300 psig pressure.		
23 22 16 00-0021	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Steam	541.00	14.91
23 22 16 00-0022	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Steam	553.84	16.27
23 22 16 00-0023	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Steam	648.63	17.89
23 22 16 00-0024	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	716.44	19.25
23 22 16 00-0025	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	829.13	21.69
23 22 16 00-0026	EA	1-1/4" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	832.40	24.40
23 22 16 00-0027	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	936.82	25.76
23 22 16 00-0028	EA	1-1/2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	1,021.25	27.12
23 22 16 00-0029	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	1,420.53	30.37
23 22 16 00-0030	EA	2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	1,552.42	33.35
23 22 16 00-0031	EA	2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	1,852.98	37.96
23 22 16 00-0032		**Bronze Body Safety Valve, Threaded, Water** *(23 22 16 00-0001)* Note: Variable set points to 160 psig pressure, 250 Degree F temperature range.		
23 22 16 00-0033	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Water	251.76	14.91
23 22 16 00-0034	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Water	287.17	16.27
23 22 16 00-0035	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Water	399.48	17.89
23 22 16 00-0036	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	440.01	19.25
23 22 16 00-0037	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	638.71	21.69
23 22 16 00-0038	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water	862.89	25.76
23 22 16 00-0039	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Water	1,261.29	30.37
23 22 16 00-0040		**Steam Temperature Regulator, Iron Body** *(23 22 16)*		
23 22 16 00-0041		**Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body** *(23 22 16 00-0040)* Note: Up to 150 PSI.		
23 22 16 00-0042	EA	1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,344.02	15.61
23 22 16 00-0043	EA	3/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,413.35	21.04
23 22 16 00-0044	EA	1" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,876.00	25.92
23 22 16 00-0045	EA	1-1/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,070.74	32.75
23 22 16 00-0046	EA	1-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,124.01	37.63
23 22 16 00-0047	EA	2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,510.47	40.95
23 22 16 00-0048	EA	2-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,191.65	75.01
23 22 16 00-0049	EA	3" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,935.13	81.80
23 22 16 00-0050	EA	4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,339.77	191.47
23 22 16 00-0051	EA	6" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,168.14	224.73
23 22 16 00-0052		**Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body** *(23 22 16 00-0040)*		
23 22 16 00-0053	EA	1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,993.85	15.61
23 22 16 00-0054	EA	3/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,064.18	21.04
23 22 16 00-0055	EA	1" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,155.47	25.92
23 22 16 00-0056	EA	1-1/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,579.91	32.75
23 22 16 00-0057	EA	1-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,763.36	37.63
23 22 16 00-0058	EA	2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,138.30	40.95
23 22 16 00-0059	EA	2-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,807.24	75.01
23 22 16 00-0060	EA	3" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,046.14	81.80
23 22 16 00-0061	EA	4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	5,642.22	191.47
23 22 16 00-0062	EA	6" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	9,068.54	224.73
23 22 16 00-0063		**Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body** *(23 22 16 00-0040)*		
23 22 16 00-0064	EA	1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,718.39	15.61
23 22 16 00-0065	EA	3/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,757.10	21.04
23 22 16 00-0066	EA	1" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,016.86	25.92
23 22 16 00-0067	EA	1-1/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,284.35	32.75
23 22 16 00-0068	EA	1-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,402.71	37.63
23 22 16 00-0069	EA	2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,838.93	40.95
23 22 16 00-0070	EA	2-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,104.28	75.01
23 22 16 00-0071	EA	3" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	5,711.19	81.80
23 22 16 00-0072	EA	4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,272.49	191.47
23 22 16 00-0073	EA	6" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	10,176.64	224.73
23 22 16 00-0074		**Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body** *(23 22 16 00-0040)*		
23 22 16 00-0075	EA	1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,484.08	15.61
23 22 16 00-0076	EA	3/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,518.97	21.04
23 22 16 00-0077	EA	1" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,820.82	25.92
23 22 16 00-0078	EA	1-1/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,981.09	32.75

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0079	EA	1-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,133.92	37.63
23 22 16 00-0080	EA	2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,501.24	40.95
23 22 16 00-0081	EA	2-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,487.12	75.01
23 22 16 00-0082	EA	3" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	6,001.28	81.80
23 22 16 00-0083	EA	4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,562.57	191.47
23 22 16 00-0084	EA	6" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	10,466.72	224.73
23 22 16 00-0085		**Steam Traps** *(23 22 16)*		
23 22 16 00-0086		**Inverted Bucket Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0087	EA	1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	321.35	32.55
		For Work In Restricted Working Space, Add	*19.53*	
23 22 16 00-0088	EA	3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	324.06	33.90
		For Work In Restricted Working Space, Add	*20.34*	
23 22 16 00-0089	EA	1" 250 PSI Inverted Bucket Cast Iron Steam Trap	484.84	36.13
		For Work In Restricted Working Space, Add	*21.70*	
23 22 16 00-0090	EA	1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	786.13	49.31
		For Work In Restricted Working Space, Add	*29.59*	
23 22 16 00-0091	EA	1-1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	1,173.05	60.76
		For Work In Restricted Working Space, Add	*36.16*	
23 22 16 00-0092	EA	2" 250 PSI Inverted Bucket Cast Iron Steam Trap	1,494.11	90.42
		For Work In Restricted Working Space, Add	*54.25*	
23 22 16 00-0093		**Float And Thermostatic Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0094	EA	3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	339.78	33.90
		For Work In Restricted Working Space, Add	*20.34*	
23 22 16 00-0095	EA	1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	449.41	36.16
		For Work In Restricted Working Space, Add	*21.70*	
23 22 16 00-0096	EA	1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	554.88	49.32
		For Work In Restricted Working Space, Add	*29.59*	
23 22 16 00-0097	EA	1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	751.80	60.28
		For Work In Restricted Working Space, Add	*36.17*	
23 22 16 00-0098	EA	2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,378.73	90.38
		For Work In Restricted Working Space, Add	*54.25*	
23 22 16 00-0099	EA	3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	434.47	33.90
		For Work In Restricted Working Space, Add	*20.34*	
23 22 16 00-0100	EA	1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	472.33	36.13
		For Work In Restricted Working Space, Add	*21.70*	
23 22 16 00-0101	EA	1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	617.37	49.31
		For Work In Restricted Working Space, Add	*29.59*	
23 22 16 00-0102	EA	1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	889.29	60.22
		For Work In Restricted Working Space, Add	*36.17*	
23 22 16 00-0103	EA	2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,518.32	90.42
		For Work In Restricted Working Space, Add	*54.25*	
23 22 16 00-0104	EA	3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	565.72	33.90
		For Work In Restricted Working Space, Add	*20.34*	
23 22 16 00-0105	EA	1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	630.66	36.16
		For Work In Restricted Working Space, Add	*21.70*	
23 22 16 00-0106	EA	1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	961.13	49.31
		For Work In Restricted Working Space, Add	*29.59*	
23 22 16 00-0107	EA	1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	983.05	60.22
		For Work In Restricted Working Space, Add	*36.17*	
23 22 16 00-0108	EA	2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,912.05	90.42
		For Work In Restricted Working Space, Add	*54.25*	
23 22 16 00-0109	EA	3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	574.05	33.90
		For Work In Restricted Working Space, Add	*20.34*	
23 22 16 00-0110	EA	1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	630.66	36.16
		For Work In Restricted Working Space, Add	*21.70*	
23 22 16 00-0111	EA	1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap	961.13	49.31
		For Work In Restricted Working Space, Add	*29.59*	
23 22 16 00-0112	EA	1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap	983.05	60.22
		For Work In Restricted Working Space, Add	*36.17*	
23 22 16 00-0113	EA	2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,912.05	90.42
		For Work In Restricted Working Space, Add	*54.25*	
23 22 16 00-0114		**Thermostatic Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0115	EA	1/2" 25 PSI Maximum Pressure Thermostatic Steam Trap	161.75	32.55
		For Work In Restricted Working Space, Add	*19.53*	
23 22 16 00-0116	EA	3/4" 25 PSI Maximum Pressure Thermostatic Steam Trap	274.04	33.90
		For Work In Restricted Working Space, Add	*20.34*	
23 22 16 00-0117	EA	1" 25 PSI Maximum Pressure Thermostatic Steam Trap	339.47	36.13
		For Work In Restricted Working Space, Add	*21.70*	
23 22 16 00-0118		**Thermodynamic Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0119	EA	3/8" 600 PSI Maximum Pressure Thermodynamic Steam Trap	364.46	29.30
23 22 16 00-0120	EA	1/2" 600 PSI Maximum Pressure Thermodynamic Steam Trap	519.27	32.55
23 22 16 00-0121	EA	3/4" 600 PSI Maximum Pressure Thermodynamic Steam Trap	644.87	33.90
23 22 16 00-0122	EA	1" 600 PSI Maximum Pressure Thermodynamic Steam Trap	866.07	36.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0123		**Steam Moisture Separator** *(23 22 16 00-0085)*		
23 22 16 00-0124	EA	1/2" Steam Moisture Separator, Threaded (Spirax Sarco S1)	726.96	54.25
23 22 16 00-0125	EA	3/4" Steam Moisture Separator, Threaded (Spirax Sarco S1)	769.47	73.24
23 22 16 00-0126	EA	1" Steam Moisture Separator, Threaded (Spirax Sarco S1)	926.98	82.46
23 22 16 00-0127	EA	1-1/2" Steam Moisture Separator, Threaded (Spirax Sarco S2)	1,469.02	94.40
23 22 16 00-0128	EA	2" Steam Moisture Separator, Flanged (Spirax Sarco S3)	1,797.00	144.64
23 22 16 00-0129	EA	2-1/2" Steam Moisture Separator, Flanged (Spirax Sarco S3)	2,709.59	157.33
23 22 16 00-0130	EA	3" Steam Moisture Separator, Flanged (Spirax Sarco S3)	3,094.92	184.46
23 22 16 00-0131	EA	4" Steam Moisture Separator, Flanged (Spirax Sarco S3)	4,275.55	309.23
23 22 16 00-0132	EA	6" Steam Moisture Separator, Flanged (Spirax Sarco S3)	8,366.78	390.61
23 22 16 00-0133		**Steam/Condensate Meter** *(23 22 16)*		
		Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.		
23 22 16 00-0134	EA	1" Steam/Condensate Meter	6,744.57	89.89
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0135	EA	2" Steam/Condensate Meter	7,608.26	105.63
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0136	EA	2-1/2" Steam/Condensate Meter	8,063.59	131.09
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0137	EA	3" Steam/Condensate Meter	8,539.89	172.29
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0138	EA	4" Steam/Condensate Meter	9,603.08	267.67
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0139	EA	6" Steam/Condensate Meter	16,486.53	338.59
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0140	EA	8" Steam/Condensate Meter	17,050.16	427.48
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0141	EA	10" Steam/Condensate Meter	17,811.04	524.37
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0142	EA	12" Steam/Condensate Meter	18,639.72	636.73
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0143	EA	14" Steam/Condensate Meter	19,819.52	749.09
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0144	EA	16" Steam/Condensate Meter	20,504.63	824.00
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	

23 22 23 Steam Condensate Pumps *(23 22)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13		**Electric-Driven Steam Condensate Pumps** *(23 22 23)*		
23 22 23 13-0001		Simplex Condensate Pumps And Motors *(23 22 23 13)* Note: Cast iron receiver, float switch.		
23 22 23 13-0002		20 PSI Discharge Pressure *(23 22 23 13-0001)*		
23 22 23 13-0003	EA	3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	1,780.27	508.68
23 22 23 13-0004	EA	9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,254.57	522.67
23 22 23 13-0005	EA	15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,360.63	557.65
23 22 23 13-0006	EA	22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,587.10	563.64
23 22 23 13-0007	EA	30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,886.68	613.61
23 22 23 13-0008	EA	37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,172.12	613.61
23 22 23 13-0009	EA	45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,249.33	655.58
23 22 23 13-0010	EA	60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,154.99	685.56
23 22 23 13-0011	EA	75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,213.24	715.55
23 22 23 13-0012		30 PSI Discharge Pressure *(23 22 23 13-0001)*		
23 22 23 13-0013	EA	3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,033.34	543.65
23 22 23 13-0014	EA	9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,611.80	557.65
23 22 23 13-0015	EA	15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,715.78	594.63
23 22 23 13-0016	EA	22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,129.72	642.59
23 22 23 13-0017	EA	30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,249.33	656.59
23 22 23 13-0018	EA	45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,368.02	679.57
23 22 23 13-0019	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,504.67	715.55
23 22 23 13-0020	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,208.67	761.52
23 22 23 13-0021		40 PSI Discharge Pressure *(23 22 23 13-0001)*		
23 22 23 13-0022	EA	3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,270.69	623.60
23 22 23 13-0023	EA	9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,833.82	673.57
23 22 23 13-0024	EA	22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,299.46	665.58
23 22 23 13-0025	EA	30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,347.60	679.57
23 22 23 13-0026	EA	45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,443.63	708.56
23 22 23 13-0027	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,213.24	715.55
23 22 23 13-0028	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,295.46	761.52
23 22 23 13-0029		50 PSI Discharge Pressure *(23 22 23 13-0001)*		
23 22 23 13-0030	EA	3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,153.72	675.57
23 22 23 13-0031	EA	9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,058.75	689.57
23 22 23 13-0032	EA	22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,490.45	694.56
23 22 23 13-0033	EA	30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,524.80	755.52
23 22 23 13-0034	EA	60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	7,043.72	814.49
23 22 23 13-0035		Duplex Condensate Pumps And Motors *(23 22 23 13)* Note: Cast iron receiver, float switch, alternator assembly.		
23 22 23 13-0036		20 PSI Discharge Pressure *(23 22 23 13-0035)*		
23 22 23 13-0037	EA	9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,897.67	682.57
23 22 23 13-0038	EA	15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,077.23	749.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0039	EA	22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,346.57	755.52
23 22 23 13-0040	EA	30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,734.37	823.48
23 22 23 13-0041	EA	37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,121.91	823.48
23 22 23 13-0042	EA	45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,232.12	887.44
23 22 23 13-0043	EA	60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	6,166.05	926.42
23 22 23 13-0044	EA	75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	6,324.84	972.39
23 22 23 13-0045		30 PSI Discharge Pressure *(23 22 23 13-0035)*		
23 22 23 13-0046	EA	9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,716.83	735.53
23 22 23 13-0047	EA	15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,900.40	803.49
23 22 23 13-0048	EA	22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,312.63	783.51
23 22 23 13-0049	EA	30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,232.12	887.44
23 22 23 13-0050	EA	45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,383.18	920.42
23 22 23 13-0051	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,120.64	972.39
23 22 23 13-0052	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,429.77	1,042.35
23 22 23 13-0053		40 PSI Discharge Pressure *(23 22 23 13-0035)*		
23 22 23 13-0054	EA	9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,051.45	867.45
23 22 23 13-0055	EA	22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,461.63	906.43
23 22 23 13-0056	EA	30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,395.43	920.42
23 22 23 13-0057	EA	45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,555.23	966.39
23 22 23 13-0058	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,325.86	972.39
23 22 23 13-0059	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,454.28	1,042.35
23 22 23 13-0060		50 PSI Discharge Pressure *(23 22 23 13-0035)*		
23 22 23 13-0061	EA	9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,220.94	867.45
23 22 23 13-0062	EA	22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,560.18	953.40
23 22 23 13-0063	EA	30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,684.66	1,035.35
23 22 23 13-0064	EA	60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	9,709.70	1,121.29

23 23 Refrigerant Piping *(23 20)*

23 23 13 Refrigerant Piping Valves *(23 23)*

23 23 13 00-0001 Ball Valves *(23 23 13)*

23 23 13 00-0002 Refrigeration Ball Valves, Sweat, 1400 Series *(23 23 13 00-0001)*

23 23 13 00-0003	EA	3/8" Refrigeration Ball Valve, Sweated	44.14	10.85
23 23 13 00-0004	EA	1/2" Refrigeration Ball Valve, Sweated	45.89	10.85
23 23 13 00-0005	EA	5/8" Refrigeration Ball Valve, Sweated	61.81	10.85
23 23 13 00-0006	EA	7/8" Refrigeration Ball Valve, Sweated	82.76	11.93
23 23 13 00-0007	EA	1-1/8" Refrigeration Ball Valve, Sweated	116.11	13.56
23 23 13 00-0008	EA	1-5/8" Refrigeration Ball Valve, Sweated	189.34	16.70

23 23 13 00-0009 Shut-Off Valves *(23 23 13)*

23 23 13 00-0010 Packless *(23 23 13 00-0009)*

23 23 13 00-0011	EA	1/2" Refrigeration Valve, Packless	59.30	11.29
23 23 13 00-0012	EA	5/8" Refrigeration Valve, Packless	74.22	12.37
23 23 13 00-0013	EA	7/8" Refrigeration Valve, Packless	152.51	16.93

23 23 13 00-0014 Packed *(23 23 13 00-0009)*

23 23 13 00-0015	EA	1-1/8" Refrigeration Valve, Packed	271.20	24.63
23 23 13 00-0016	EA	1 3/8" Refrigeration Valve, Packed	362.69	30.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 13 00-0017	EA	1-5/8" Refrigeration Valve, Packed	441.94	33.96
23 23 13 00-0018	EA	2-1/8" Refrigeration Valve, Packed	631.87	38.74
23 23 13 00-0019	EA	2-5/8" Refrigeration Valve, Packed	1,046.53	108.50
23 23 13 00-0020	EA	3-1/8" Refrigeration Valve, Packed	1,373.57	135.63
23 23 13 00-0021	EA	4-1/8" Refrigeration Valve, Packed	1,953.75	180.87
23 23 13 00-0022		Check Valves *(23 23 13)*		
23 23 13 00-0023	EA	5/8" Check Valve, Refrigeration	74.81	10.85
23 23 13 00-0024	EA	7/8" Check Valve, Refrigeration	237.52	11.93
23 23 13 00-0025	EA	1-1/8" Check Valve, Refrigeration	275.42	13.56
23 23 13 00-0026	EA	1 3/8" Check Valve, Refrigeration	371.02	14.43
23 23 13 00-0027	EA	1-5/8" Check Valve, Refrigeration	488.71	16.71
23 23 13 00-0028	EA	2-1/8" Check Valve, Refrigeration	725.17	19.74
23 23 13 00-0029	EA	2-5/8" Check Valve, Refrigeration	1,014.93	28.97
23 23 13 00-0030	EA	3-1/8" Check Valve, Refrigeration	1,343.19	37.97
23 23 13 00-0031		Solenoid Valves *(23 23 13)*		
23 23 13 00-0032		Solenoid Valve, 24 Volt Coil *(23 23 13 00-0031)*		
23 23 13 00-0033	EA	1/2" Solenoid Valve, Refrigeration	216.91	10.85
23 23 13 00-0034	EA	5/8" Solenoid Valve, Refrigeration	222.20	10.85
23 23 13 00-0035	EA	3/4" Solenoid Valve, Refrigeration	274.38	11.93
23 23 13 00-0036	EA	7/8" Solenoid Valve, Refrigeration	274.38	11.93
23 23 13 00-0037	EA	1-1/8" Solenoid Valve, Refrigeration	384.92	13.56
23 23 13 00-0038	EA	1 3/8" Solenoid Valve, Refrigeration	619.58	14.43
23 23 13 00-0039	EA	1-5/8" Solenoid Valve, Refrigeration	1,144.89	16.71
23 23 13 00-0040	EA	2-1/8" Solenoid Valve, Refrigeration	1,160.06	19.74
23 23 16		**Refrigerant Piping Specialties** *(23 23)*		
23 23 16 00-0001		Soft Refrigeration Copper Tubing *(23 23 16)* Note: Based on outside diameter. Nitrogenized. Lengths up to 100' See CSI section 22 07 19 00-0375 for flexible elastomeric insulation (insulation on suction line only).		
23 23 16 00-0002	LF	1/8" Outside Diameter Soft Refrigeration Copper Tubing	4.66	2.58
23 23 16 00-0003	LF	3/16" Outside Diameter Soft Refrigeration Copper Tubing	4.88	2.65
23 23 16 00-0004	LF	1/4" Outside Diameter Soft Refrigeration Copper Tubing	5.12	2.72
23 23 16 00-0005	LF	5/16" Outside Diameter Soft Refrigeration Copper Tubing	5.54	2.77
23 23 16 00-0006	LF	3/8" Outside Diameter Soft Refrigeration Copper Tubing	5.71	2.81
23 23 16 00-0007	LF	1/2" Outside Diameter Soft Refrigeration Copper Tubing	6.49	2.95
23 23 16 00-0008	LF	5/8" Outside Diameter Soft Refrigeration Copper Tubing	7.21	2.98
23 23 16 00-0009	LF	3/4" Outside Diameter Soft Refrigeration Copper Tubing	7.94	3.09
23 23 16 00-0010	LF	7/8" Outside Diameter Soft Refrigeration Copper Tubing	10.35	3.63
23 23 16 00-0011	LF	1-1/8" Outside Diameter Soft Refrigeration Copper Tubing	13.30	4.15
23 23 16 00-0012	LF	1-3/8" Outside Diameter Soft Refrigeration Copper Tubing	19.54	4.92
23 23 16 00-0013	LF	1-5/8" Outside Diameter Soft Refrigeration Copper Tubing	23.68	5.50
23 23 16 00-0014		Refrigeration Copper Tubing Assembly *(23 23 16)* Note: Based on outside diameter. Nitrogenized. Includes pipe, 1/2" thick flexible elastomeric foam insulation, coupling fittings and fastener straps. See CSI section 22 07 19 00-0375 for flexible elastomeric insulation (insulation on suction line only).		
23 23 16 00-0015	LF	1/4" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	8.06	2.92
23 23 16 00-0016	LF	5/16" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	8.47	2.96
23 23 16 00-0017	LF	3/8" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	8.61	3.03
23 23 16 00-0018	LF	1/2" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	9.62	3.26
23 23 16 00-0019	LF	5/8" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	10.50	3.26
23 23 16 00-0020	LF	3/4" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	12.06	3.80
23 23 16 00-0021	LF	7/8" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	14.22	4.01
23 23 16 00-0022	LF	1-1/8" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	18.15	4.88
23 23 16 00-0023	LF	1-3/8" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	24.87	5.64
23 23 16 00-0024	LF	1-5/8" Outside Diameter, Soft Refrigeration Copper Tubing With 1/2" Elastomeric Insulation	29.46	6.08
23 23 16 00-0025		Type L Drawn, ACR Copper Tubing *(23 23 16)* Note: Nitrogenized. Lengths up to 20'. See CSI section 22 07 19 00-0375 for flexible elastomeric insulation (insulation on suction line only).		
23 23 16 00-0026	LF	3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	6.33	3.03
		For Medical Applications "Oxygen Clean", Add	*0.55*	
23 23 16 00-0027	LF	1/2" Outside Diameter Type L Drawn, ACR Copper Tubing	7.23	3.03
		For Medical Applications "Oxygen Clean", Add	*0.59*	
23 23 16 00-0028	LF	5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	7.79	3.03
		For Medical Applications "Oxygen Clean", Add	*0.62*	
23 23 16 00-0029	LF	3/4" Outside Diameter Type L Drawn, ACR Copper Tubing	11.25	4.56
		For Medical Applications "Oxygen Clean", Add	*0.90*	
23 23 16 00-0030	LF	7/8" Outside Diameter Type L Drawn, ACR Copper Tubing	12.30	4.88
		For Medical Applications "Oxygen Clean", Add	*0.98*	
23 23 16 00-0031	LF	1-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	14.54	4.88
		For Medical Applications "Oxygen Clean", Add	*1.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0032	LF	1-3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	18.21	5.64
		For Medical Applications "Oxygen Clean", Add	*1.34*	
23 23 16 00-0033	LF	1-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	22.16	6.51
		For Medical Applications "Oxygen Clean", Add	*1.60*	
23 23 16 00-0034	LF	2-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	31.66	8.13
		For Medical Applications "Oxygen Clean", Add	*2.19*	
23 23 16 00-0035	LF	2-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	47.47	12.26
		For Medical Applications "Oxygen Clean", Add	*3.30*	
23 23 16 00-0036	LF	3-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	61.61	15.19
		For Medical Applications "Oxygen Clean", Add	*4.22*	
23 23 16 00-0037	LF	3-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	77.82	18.00
		For Medical Applications "Oxygen Clean", Add	*5.24*	
23 23 16 00-0038	LF	4-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	96.38	21.70
		For Medical Applications "Oxygen Clean", Add	*6.45*	
23 23 16 00-0039		**Refrigeration Fittings** *(23 23 16)*		
23 23 16 00-0040		**Brass Flare Fittings** *(23 23 16 00-0039)*		
23 23 16 00-0041		**Brass Flare Unions** *(23 23 16 00-0040)*		
23 23 16 00-0042	EA	3/8" Brass Flare Union	25.99	11.72
23 23 16 00-0043	EA	1/2" Brass Flare Union	25.99	11.72
23 23 16 00-0044	EA	5/8" Brass Flare Union	28.17	11.72
23 23 16 00-0045		**90 Degree Elbow Brass Flare Unions** *(23 23 16 00-0040)*		
23 23 16 00-0046	EA	3/8" 90 Degree Brass Flare Elbow Union	27.31	11.72
23 23 16 00-0047	EA	1/2" 90 Degree Brass Flare Elbow Union	27.31	11.72
23 23 16 00-0048	EA	5/8" 90 Degree Brass Flare Elbow Union	34.63	11.72
23 23 16 00-0049		**Brass Flare Tees** *(23 23 16 00-0040)*		
23 23 16 00-0050	EA	3/8" Brass Flare Tee	41.77	19.52
23 23 16 00-0051	EA	1/2" Brass Flare Tee	45.03	19.52
23 23 16 00-0052	EA	5/8" Brass Flare Tee	62.78	19.52
23 23 16 00-0053		**Male Connector, Half Brass Flare Unions** *(23 23 16 00-0040)*		
23 23 16 00-0054	EA	3/8" Brass Flare Male Connector, Half Union	19.99	11.72
23 23 16 00-0055	EA	1/2" Brass Flare Male Connector, Half Union	22.17	11.72
23 23 16 00-0056	EA	5/8" Brass Flare Male Connector, Half Union	25.28	11.72
23 23 16 00-0057		**Female Connector, Half Brass Flare Unions** *(23 23 16 00-0040)*		
23 23 16 00-0058	EA	3/8" Brass Flare Female Connector, Half Union	22.80	11.72
23 23 16 00-0059	EA	1/2" Brass Flare Female Connector, Half Union	25.76	11.72
23 23 16 00-0060	EA	5/8" Brass Flare Female Connector, Half Union	25.76	11.72
23 23 16 00-0061		**Long Forged Nuts** *(23 23 16 00-0040)*		
23 23 16 00-0062	EA	3/8" Brass Long Forged Nut	21.32	11.72
23 23 16 00-0063	EA	1/2" Brass Long Forged Nut	22.17	11.72
23 23 16 00-0064	EA	5/8" Brass Long Forged Nut	31.66	11.72
23 23 16 00-0065		**Short Forged Nuts** *(23 23 16 00-0040)*		
23 23 16 00-0066	EA	3/8" Brass Short Forged Nut	20.08	11.72
23 23 16 00-0067	EA	1/2" Brass Short Forged Nut	22.05	11.72
23 23 16 00-0068	EA	5/8" Brass Short Forged Nut	22.46	11.72
23 23 16 00-0069		**ACR Wrought Copper Fittings** *(23 23 16 00-0039)* Note: Soldered.		
23 23 16 00-0070		**ACR Wrought Copper Coupling** *(23 23 16 00-0069)* Note: C x C		
23 23 16 00-0071	EA	1/4" ACR Wrought Copper Coupling	19.48	11.72
23 23 16 00-0072	EA	3/8" ACR Wrought Copper Coupling	19.13	11.72
23 23 16 00-0073	EA	1/2" ACR Wrought Copper Coupling	19.65	11.72
23 23 16 00-0074	EA	5/8" ACR Wrought Copper Coupling	20.19	12.26
23 23 16 00-0075	EA	3/4" ACR Wrought Copper Coupling	28.99	16.16
23 23 16 00-0076	EA	7/8" ACR Wrought Copper Coupling	28.43	16.60
23 23 16 00-0077	EA	1-1/8" ACR Wrought Copper Coupling	38.00	20.62
23 23 16 00-0078	EA	1-3/8" ACR Wrought Copper Coupling	54.82	28.21
23 23 16 00-0079	EA	1-5/8" ACR Wrought Copper Coupling	66.20	33.10
23 23 16 00-0080	EA	2-1/8" ACR Wrought Copper Coupling	87.75	40.15
23 23 16 00-0081	EA	2-5/8" ACR Wrought Copper Coupling	153.58	60.98
23 23 16 00-0082	EA	3-1/8" ACR Wrought Copper Coupling	204.98	80.18
23 23 16 00-0083	EA	4-1/8" ACR Wrought Copper Coupling	335.47	95.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0084		**ACR Wrought Copper Short Radius 90 Degree Elbows** *(23 23 16 00-0069)* Note: C x C		
23 23 16 00-0085	EA	1/4" ACR Wrought Copper Short Radius 90 Degree Elbow	24.17	11.72
23 23 16 00-0086	EA	3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	24.52	11.72
23 23 16 00-0087	EA	1/2" ACR Wrought Copper Short Radius 90 Degree Elbow	24.17	11.72
23 23 16 00-0088	EA	5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	26.28	12.26
23 23 16 00-0089	EA	3/4" ACR Wrought Copper Short Radius 90 Degree Elbow	38.56	16.16
23 23 16 00-0090	EA	7/8" ACR Wrought Copper Short Radius 90 Degree Elbow	39.04	16.60
23 23 16 00-0091	EA	1-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	49.84	20.62
23 23 16 00-0092	EA	1 3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	61.65	28.21
23 23 16 00-0093	EA	1-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	79.82	33.10
23 23 16 00-0094	EA	2-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	115.08	40.15
23 23 16 00-0095	EA	2-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	201.36	60.98
23 23 16 00-0096	EA	3-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	258.42	80.18
23 23 16 00-0097	EA	4-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	496.47	95.27
23 23 16 00-0098		**ACR Wrought Copper Long Radius 90 Degree Elbows** *(23 23 16 00-0069)* Note: C x C		
23 23 16 00-0099	EA	1/4" ACR Wrought Copper Long Radius 90 Degree Elbow	30.02	11.72
23 23 16 00-0100	EA	3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	26.92	11.72
23 23 16 00-0101	EA	1/2" ACR Wrought Copper Long Radius 90 Degree Elbow	29.38	11.72
23 23 16 00-0102	EA	5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	29.10	12.26
23 23 16 00-0103	EA	3/4" ACR Wrought Copper Long Radius 90 Degree Elbow	35.11	16.16
23 23 16 00-0104	EA	7/8" ACR Wrought Copper Long Radius 90 Degree Elbow	38.67	16.60
23 23 16 00-0105	EA	1-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	53.09	20.62
23 23 16 00-0106	EA	1-3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	78.36	28.21
23 23 16 00-0107	EA	1-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	98.06	33.10
23 23 16 00-0108	EA	2-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	187.46	40.15
23 23 16 00-0109	EA	2-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	292.98	60.98
23 23 16 00-0110	EA	3-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	387.16	80.18
23 23 16 00-0111	EA	4-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	857.82	95.27
23 23 16 00-0112		**ACR Wrought Copper 45 Degree Elbow** *(23 23 16 00-0069)* Note: C x C		
23 23 16 00-0113	EA	1/4" ACR Wrought Copper 45 Degree Elbow	34.29	11.72
23 23 16 00-0114	EA	3/8" ACR Wrought Copper 45 Degree Elbow	30.03	11.72
23 23 16 00-0115	EA	1/2" ACR Wrought Copper 45 Degree Elbow	28.22	11.72
23 23 16 00-0116	EA	5/8" ACR Wrought Copper 45 Degree Elbow	22.74	12.26
23 23 16 00-0117	EA	3/4" ACR Wrought Copper 45 Degree Elbow	43.09	16.16
23 23 16 00-0118	EA	7/8" ACR Wrought Copper 45 Degree Elbow	32.40	16.60
23 23 16 00-0119	EA	1-1/8" ACR Wrought Copper 45 Degree Elbow	49.80	20.62
23 23 16 00-0120	EA	1-3/8" ACR Wrought Copper 45 Degree Elbow	67.66	28.21
23 23 16 00-0121	EA	1-5/8" ACR Wrought Copper 45 Degree Elbow	80.20	33.10
23 23 16 00-0122	EA	2-1/8" ACR Wrought Copper 45 Degree Elbow	111.11	40.15
23 23 16 00-0123	EA	2-5/8" ACR Wrought Copper 45 Degree Elbow	200.03	60.98
23 23 16 00-0124	EA	3-1/8" ACR Wrought Copper 45 Degree Elbow	271.84	80.18
23 23 16 00-0125	EA	4-1/8" ACR Wrought Copper45 Degree Elbow	465.79	95.27
23 23 16 00-0126		**ACR Wrought Copper Tee** *(23 23 16 00-0069)* Note: C x C x C		
23 23 16 00-0127	EA	1/4" ACR Wrought Copper Tee	42.60	19.52
23 23 16 00-0128	EA	3/8" ACR Wrought Copper Tee	43.35	19.52
23 23 16 00-0129	EA	1/2" ACR Wrought Copper Tee	40.57	19.52
23 23 16 00-0130	EA	5/8" ACR Wrought Copper Tee	40.84	24.63
23 23 16 00-0131	EA	3/4" ACR Wrought Copper Tee	62.64	24.63
23 23 16 00-0132	EA	7/8" ACR Wrought Copper Tee	47.08	24.95
23 23 16 00-0133	EA	1-1/8" ACR Wrought Copper Tee	79.52	33.10
23 23 16 00-0134	EA	1-3/8" ACR Wrought Copper Tee	100.53	40.15
23 23 16 00-0135	EA	1-5/8" ACR Wrought Copper Tee	133.69	47.63
23 23 16 00-0136	EA	2-1/8" ACR Wrought Copper Tee	192.34	63.47
23 23 16 00-0137	EA	2-5/8" ACR Wrought Copper Tee	403.71	138.56
23 23 16 00-0138	EA	3-1/8" ACR Wrought Copper Tee	509.68	152.34
23 23 16 00-0139	EA	4-1/8" ACR Wrought Copper Tee	934.50	169.26
23 23 16 00-0140		**ACR Wrought Copper Male Adapter** *(23 23 16 00-0069)* Note: C x M		
23 23 16 00-0141	EA	1/4" ACR Wrought Copper Male Adapter	38.52	11.72
23 23 16 00-0142	EA	3/8" ACR Wrought Copper Male Adapter	45.33	11.72
23 23 16 00-0143	EA	1/2" ACR Wrought Copper Male Adapter	34.02	11.72
23 23 16 00-0144		**ACR Wrought Copper Female Adapter** *(23 23 16 00-0069)* Note: C x F		
23 23 16 00-0145	EA	1/4" ACR Wrought Copper Female Adapter	35.85	11.72
23 23 16 00-0146	EA	3/8" ACR Wrought Copper Female Adapter	31.94	11.72
23 23 16 00-0147	EA	1/2" ACR Wrought Copper Female Adapter	33.42	11.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0148		**ACR Wrought Copper Cap** *(23 23 16 00-0069)* Note: C		
23 23 16 00-0149	EA	1/4" ACR Wrought Copper Cap	14.95	7.81
23 23 16 00-0150	EA	3/8" ACR Wrought Copper Cap	13.72	7.81
23 23 16 00-0151	EA	1/2" ACR Wrought Copper Cap	14.92	7.81
23 23 16 00-0152		**ACR Wrought Copper P-Trap** *(23 23 16 00-0069)*		
23 23 16 00-0153	EA	5/8" ACR Wrought Copper P-Trap	107.76	9.99
23 23 16 00-0154	EA	3/4" ACR Wrought Copper P-Trap	148.91	10.99
23 23 16 00-0155	EA	7/8" ACR Wrought Copper P-Trap	126.31	10.99
23 23 16 00-0156	EA	1-1/8" ACR Wrought Copper P-Trap	175.14	11.99
23 23 16 00-0157	EA	1-3/8" ACR Wrought Copper P-Trap	306.15	11.99
23 23 16 00-0158	EA	1-5/8" ACR Wrought Copper P-Trap	437.92	12.99
23 23 16 00-0159	EA	2-1/8" ACR Wrought Copper P-Trap	811.94	13.99
23 23 16 00-0160		**Sight Glass With Moisture And Liquid Indicator, Solder Connection** *(23 23 16)*		
23 23 16 00-0161	EA	1/4" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	56.49	14.99
23 23 16 00-0162	EA	3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	68.61	17.99
23 23 16 00-0163	EA	1/2" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	82.98	21.98
23 23 16 00-0164	EA	5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	91.09	24.98
23 23 16 00-0165	EA	7/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	123.19	31.98
23 23 16 00-0166	EA	1-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	142.17	38.98
23 23 16 00-0167	EA	1-3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	221.33	45.98
23 23 16 00-0168	EA	1-5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	272.05	62.96
23 23 16 00-0169	EA	2-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	333.79	77.95
23 23 16 00-0170		**Filter Driers, Solder Connections** *(23 23 16)*		
23 23 16 00-0171		**Replaceable Core Type Filter Driers, Solder Connections** *(23 23 16 00-0170)*		
23 23 16 00-0172	EA	5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	518.66	9.00
23 23 16 00-0173	EA	7/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	519.83	10.99
23 23 16 00-0174	EA	1-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	663.72	10.99
23 23 16 00-0175	EA	1-3/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	659.39	11.99
23 23 16 00-0176	EA	1-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	733.14	12.99
23 23 16 00-0177	EA	2-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	822.36	13.99
23 23 16 00-0178	EA	2-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	960.32	14.99
23 23 16 00-0179	EA	3-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	1,198.85	14.99
23 23 16 00-0180		**Sealed In-Line Filter Driers, Solder Connections** *(23 23 16 00-0170)*		
23 23 16 00-0181	EA	1/4" Outside Diameter, 1/4 To 1 Ton, Sealed In-Line Filter Drier, Solder Connections	81.58	9.00
23 23 16 00-0182	EA	3/8" Outside Diameter, 1/2 To 2 Ton, Sealed In-Line Filter Drier, Solder Connections	104.22	9.00
23 23 16 00-0183	EA	1/2" Outside Diameter, 1 To 7 Ton, Sealed In-Line Filter Drier, Solder Connections	133.13	9.99
23 23 16 00-0184	EA	1/2" Outside Diameter, 2 To 7-1/2 Ton, Sealed In-Line Filter Drier, Solder Connections	154.34	9.99
23 23 16 00-0185	EA	5/8" Outside Diameter, 2 To 10 Ton, Sealed In-Line Filter Drier, Solder Connections	169.60	9.99
23 23 16 00-0186	EA	5/8" Outside Diameter, 4 To 8 Ton, Sealed In-Line Filter Drier, Solder Connections	196.75	9.99
23 23 16 00-0187	EA	7/8" Outside Diameter, 5 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	221.34	10.99
23 23 16 00-0188	EA	7/8" Outside Diameter, 7-1/2 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	328.93	10.99
23 23 16 00-0189	EA	1-1/8" Outside Diameter, 15 To 25 Ton, Sealed In-Line Filter Drier, Solder Connections	357.48	10.99
23 23 16 00-0190		**Bi-Flow Filter Driers, Solder Connections** *(23 23 16 00-0170)*		
23 23 16 00-0191	EA	1/4" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	115.27	9.00
23 23 16 00-0192	EA	3/8" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	128.20	9.00
23 23 16 00-0193	EA	1/2" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	152.75	9.99
23 23 16 00-0194	EA	3/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	137.71	9.00
23 23 16 00-0195	EA	1/2" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	172.36	9.99
23 23 16 00-0196	EA	5/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	200.12	9.99
23 23 16 00-0197		**Refrigerant Compressor Discharge Mufflers** *(23 23 16)*		
23 23 16 00-0198	EA	3/8" Outside Diameter, 2 Ton, Refrigerant Compressor Discharge Muffler	103.53	9.00
23 23 16 00-0199	EA	1/2" Outside Diameter, 3 Ton, Refrigerant Compressor Discharge Muffler	114.29	9.00
23 23 16 00-0200	EA	5/8" Outside Diameter, 5 Ton, Refrigerant Compressor Discharge Muffler	137.84	9.00
23 23 16 00-0201	EA	7/8" Outside Diameter, 7-1/2 To 10 Ton, Refrigerant Compressor Discharge Muffler	184.64	10.99
23 23 16 00-0202	EA	1-1/8" Outside Diameter, 10 To 15 Ton, Refrigerant Compressor Discharge Muffler	240.79	10.99
23 23 16 00-0203	EA	1-3/8" Outside Diameter, 15 To 25 Ton, Refrigerant Compressor Discharge Muffler	286.02	11.99
23 23 16 00-0204	EA	1-5/8" Outside Diameter, 25 To 50 Ton, Refrigerant Compressor Discharge Muffler	362.60	12.99
23 23 16 00-0205	EA	2-1/8" Outside Diameter, 50 To 75 Ton, Refrigerant Compressor Discharge Muffler	673.55	13.99
23 23 16 00-0206	EA	2-5/8" Outside Diameter, 75 To 100 Ton, Refrigerant Compressor Discharge Muffler	751.61	14.99
23 23 16 00-0207	EA	3-1/8" Outside Diameter, 100 To 125 Ton, Refrigerant Compressor Discharge Muffler	929.96	14.99
23 23 16 00-0208		**Expansion Valves And Vibration Absorbers** *(23 23 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0209		**Thermostatic Expansion Valves** *(23 23 16 00-0208)* Note: Outside diameter pipe sizes. Sporlan TP-S.		
23 23 16 00-0210	EA	3/8" In x 5/8" Out, 1/2 To 3 Ton, Thermostatic Expansion Valve	223.91	9.00
23 23 16 00-0211	EA	1/2" In x 7/8" Out, 4 To 5 Ton, Thermostatic Expansion Valve	311.87	9.99
23 23 16 00-0212	EA	5/8" In x 7/8" Out, 6 To 8 Ton, Thermostatic Expansion Valve	533.04	9.99
23 23 16 00-0213	EA	7/8" In x 1-1/8" Out, 7 To 12 Ton, Thermostatic Expansion Valve	631.75	10.99
23 23 16 00-0214	EA	7/8" In x 1-3/8" Out, 15 To 20 Ton, Thermostatic Expansion Valve	681.72	10.99
23 23 16 00-0215		**Electric Expansion Valves** *(23 23 16 00-0208)* Note: Sporlan SEI or SEH.		
23 23 16 00-0216	EA	1/2 To 11 Ton Electric Expansion Valve Note: Sporlan SEI.	564.95	12.49
23 23 16 00-0217	EA	25 Ton Electric Expansion Valve Note: Sporlan SEI.	655.38	12.99
23 23 16 00-0218	EA	50 Ton Electric Expansion Valve Note: Sporlan SEI.	746.31	13.49
23 23 16 00-0219	EA	100 Ton Electric Expansion Valve Note: Sporlan SEH.	874.79	13.49
23 23 16 00-0220	EA	175 Ton Electric Expansion Valve Note: Sporlan SEH.	985.75	13.99
23 23 16 00-0221		**Braided Stainless Steel Over Copper Vibration Absorber** *(23 23 16 00-0208)*		
23 23 16 00-0222	EA	1/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	59.36	12.99
23 23 16 00-0223	EA	3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	59.47	14.99
23 23 16 00-0224	EA	1/2" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	77.17	18.99
23 23 16 00-0225	EA	5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	82.97	22.98
23 23 16 00-0226	EA	3/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	97.63	27.98
23 23 16 00-0227	EA	7/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	113.09	31.98
23 23 16 00-0228	EA	1-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	160.50	11.99
23 23 16 00-0229	EA	1-3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	227.06	12.99
23 23 16 00-0230	EA	1-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	284.93	12.99
23 23 16 00-0231	EA	2-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	391.35	13.99
23 23 16 00-0232	EA	2-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	669.40	14.99
23 23 16 00-0233	EA	3-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	877.89	14.99
23 23 16 00-0234		**Accumulator, Refrigerant Suction Line** *(23 23 16)*		
23 23 16 00-0235	EA	3/4" Accumulator, Refrigeration Suction Line	188.46	45.47
23 23 16 00-0236	EA	7/8" Accumulator, Refrigeration Suction Line	255.28	62.46
23 23 16 00-0237	EA	1-1/8" Accumulator, Refrigeration Suction Line	303.01	83.25
23 23 16 00-0238	EA	1 3/8" Accumulator, Refrigeration Suction Line	429.77	99.94
23 23 16 00-0239	EA	1-5/8" Accumulator, Refrigeration Suction Line	594.41	124.92
23 23 16 00-0240	EA	2-1/8" Accumulator, Refrigeration Suction Line	907.73	166.60
23 23 16 00-0241		**Special Chemicals/Component** *(23 23 16)*		
23 23 16 00-0242	GAL	Special Chemical, Inhibited Propylene Glycol, 100%	39.43	
23 23 16 00-0243	GAL	Removal And Storage For Reuse Of Inhibited Propylene Glycol	7.75	
23 23 16 00-0244	GAL	Special Chemical, Inhibited Ethylene Glycol, 100%	26.78	
23 23 16 00-0245	EA	Internal Coil/Refrigerant Piping Flush Note: Up to 10 ton AC system.	326.56	
23 23 16 00-0246		**Copper Refrigeration Line Sets, Pre-Insulated** *(23 23 16)* Note: Includes fasteners and insulation on suction line only		
23 23 16 00-0247	LF	5/16" Outside Diameter Liquid, And 5/8" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	14.87	0.84
23 23 16 00-0248	LF	5/16" Outside Diameter Liquid, And 3/4" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	15.71	0.84
23 23 16 00-0249	LF	3/8" Outside Diameter Liquid, And 5/8" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	13.97	0.85
23 23 16 00-0250	LF	3/8" Outside Diameter Liquid, And 3/4" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	16.54	0.86
23 23 16 00-0251	LF	3/8" Outside Diameter Liquid, And 7/8" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	20.05	0.88
23 23 16 00-0252	LF	3/8" Outside Diameter Liquid, And 1-1/8" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	23.64	0.94
23 23 16 00-0253	LF	1/2" Outside Diameter Liquid, And 3/4" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	17.45	0.88
23 23 16 00-0254	LF	1/2" Outside Diameter Liquid, And 7/8" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	22.21	0.95
23 23 16 00-0255	LF	1/2" Outside Diameter Liquid, And 1-1/8" Outside Diameter Suction, Refrigerant Line Set With 1/2" Insulation	26.95	1.00
23 23 16 00-0256		**Triple Copper Refrigeration Line Sets** *(23 23 16)* Note: Includes fasteners and insulation		
23 23 16 00-0257	LF	1-3/8" / 1-1/8" / 3/4" Outside Diameter, Soft Refrigeration Copper Tubing Triple Copper Pipe Assembly, With 1/2" Elastomeric Insulation	55.14	8.21
23 23 16 00-0258	LF	1-1/8" / 7/8" / 3/4" Outside Diameter, Soft Refrigeration Copper Tubing Triple Copper Pipe Assembly, With 1/2" Elastomeric Insulation	44.76	7.35
23 23 16 00-0259	LF	1-1/8" / 7/8" / 5/8" Outside Diameter, Soft Refrigeration Copper Tubing Triple Copper Pipe Assembly, With 1/2" Elastomeric Insulation	43.21	7.08
23 23 16 00-0260	LF	1-1/8" / 3/4" / 1/2" Outside Diameter, Soft Refrigeration Copper Tubing Triple Copper Pipe Assembly, With 1/2" Elastomeric Insulation	40.28	6.93
23 23 16 00-0261	LF	7/8" / 3/4" / 1/2" Outside Diameter, Soft Refrigeration Copper Tubing Triple Copper Pipe Assembly, With 1/2" Elastomeric Insulation	35.70	6.42

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	23 23 16 00-0262	LF	5/8" / 1/2" / 3/8" Outside Diameter, Soft Refrigeration Copper Tubing Triple Copper Pipe Assembly, With 1/2" Elastomeric Insulation	28.67	5.61

23 23 23 Refrigerants *(23 23)*

23 23 23 00-0001 Refrigerant *(23 23 23)*

23 23 23 00-0002	LB	R-113 Refrigerant	29.58	
23 23 23 00-0003	LB	R-123 Refrigerant	21.70	
23 23 23 00-0004	LB	R-134A Refrigerant	7.73	
23 23 23 00-0005	LB	R-404A Refrigerant	13.84	
23 23 23 00-0006	LB	R-407C Refrigerant	13.69	
23 23 23 00-0007	LB	R-408A Refrigerant	31.20	
23 23 23 00-0008	LB	R-410A Refrigerant	13.41	
23 23 23 00-0009	LB	R-500 Refrigerant	26.51	
23 23 23 00-0010	LB	R-507 Refrigerant	8.53	

23 25 HVAC Water Treatment *(23 20)*

23 25 13 Water Treatment for Closed-Loop Hydronic Systems *(23 25)*

23 25 13 00-0001 Polyethylene Chemical Storage Tanks *(23 25 13)*

23 25 13 00-0002	EA	15 Gallon Chemical Storage Tank, Polyethylene	411.98	83.43

23 25 13 00-0003 Gas Chlorinator *(23 25 13)*

23 25 13 00-0004	EA	Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,109.36	379.59
		For Booster Pump, Add	*428.57*	
23 25 13 00-0005	EA	Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,267.38	433.82
		For Booster Pump, Add	*489.88*	
23 25 13 00-0006	EA	Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,759.08	328.62
		For Booster Pump, Add	*601.22*	

23 25 13 00-0007 Bypass Shot Feeders *(23 25 13)*

Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.

23 25 13 00-0008 In Line Mount, 125 PSIG *(23 25 13 00-0007)*

23 25 13 00-0009	EA	1.7 Gallon Bypass Shot Chemical Feeder In Line Mount, 125 PSIG	1,002.72	282.82

23 25 13 00-0010 Floor Mount, 175 PSIG *(23 25 13 00-0007)*

23 25 13 00-0011	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	1,473.55	425.73
23 25 13 00-0012	EA	12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	1,942.50	563.64

23 25 13 00-0013 Floor Mount, 150 LB ASME Code *(23 25 13 00-0007)*

23 25 13 00-0014	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	1,473.55	425.73
23 25 13 00-0015	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	1,942.50	563.64

23 25 13 00-0016 Floor Mount, 300 LB ASME Code *(23 25 13 00-0007)*

23 25 13 00-0017	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	1,858.26	425.73
23 25 13 00-0018	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	2,341.97	563.64

23 30 HVAC Air Distribution *(23)*

23 31 HVAC Ducts and Casings *(23 30)*

Note: Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05 12 23 00-0423 for angle iron, 23 05 29 00-0001 for threaded rod.

23 31 13 Metal Ducts *(23 31)*

23 31 13 13 Rectangular Metal Ducts *(23 31 13)*

23 31 13 13-0001 Steel Sheet Metal Duct *(23 31 13 13)*

Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer. Duct Sealing: Class-C requires sealing transverse joints; Class-B requires sealing all transverse joint and longitudinal seams; Class-A requires sealing all transverse joints longitudinal seams and duct wall penetrations.

23 31 13 13-0002 Galvanized Steel Sheet Metal Ductwork And Sealant *(23 31 13 13-0001)*

Note: SMACNA weight for galvanized steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.906 LB/SF; 24 gauge - 1.156 LB/SF; 22 gauge - 1.406 LB/SF; 20 gauge - 1.656 LB/SF; 18 gauge - 2.156 LB/SF; 16 gauge - 2.656 LB/SF

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0003	LB	Seal Class C, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	11.04	2.91
		For Polyvinyl Chloride (PVC) Coated, Add	*0.42*	
		For Up To 200, Add	*3.94*	
		For >200 To 500, Add	*2.51*	
		For >500 To 1,000, Add	*1.69*	
		For >1,000 To 2,000, Add	*0.95*	
		For >2,000 To 5,000, Add	*0.42*	
		For Work In Restricted Working Space, Add	*2.69*	
		For Elevated Installation >10' To 15', Add	*0.54*	
		For Elevated Installation >15' To 20', Add	*1.07*	
		For Elevated Installation >20' To 25', Add	*1.34*	
		For Elevated Installation >25' To 30', Add	*1.88*	
		For Elevated Installation >30' To 35', Add	*2.15*	
		For Elevated Installation >35' To 40', Add	*2.69*	
		For Elevated Installation >40', Add	*2.95*	
23 31 13 13-0004	LB	Seal Class B, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	12.62	2.91
		For Polyvinyl Chloride (PVC) Coated, Add	*0.46*	
		For Up To 200, Add	*4.48*	
		For >200 To 500, Add	*2.85*	
		For >500 To 1,000, Add	*1.93*	
		For >1,000 To 2,000, Add	*1.08*	
		For >2,000 To 5,000, Add	*0.48*	
		For Work In Restricted Working Space, Add	*3.09*	
		For Elevated Installation >10' To 15', Add	*0.62*	
		For Elevated Installation >15' To 20', Add	*1.24*	
		For Elevated Installation >20' To 25', Add	*1.55*	
		For Elevated Installation >25' To 30', Add	*2.16*	
		For Elevated Installation >30' To 35', Add	*2.47*	
		For Elevated Installation >35' To 40', Add	*3.09*	
		For Elevated Installation >40', Add	*3.40*	
23 31 13 13-0005	LB	Seal Class A, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	15.08	2.91
		For Polyvinyl Chloride (PVC) Coated, Add	*0.51*	
		For Up To 200, Add	*5.29*	
		For >200 To 500, Add	*3.35*	
		For >500 To 1,000, Add	*2.29*	
		For >1,000 To 2,000, Add	*1.28*	
		For >2,000 To 5,000, Add	*0.58*	
		For Work In Restricted Working Space, Add	*3.76*	
		For Elevated Installation >10' To 15', Add	*0.75*	
		For Elevated Installation >15' To 20', Add	*1.50*	
		For Elevated Installation >20' To 25', Add	*1.88*	
		For Elevated Installation >25' To 30', Add	*2.63*	
		For Elevated Installation >30' To 35', Add	*3.01*	
		For Elevated Installation >35' To 40', Add	*3.76*	
		For Elevated Installation >40', Add	*4.13*	

23 31 13 13-0006 Alloy 3003-H14, Aluminum Sheet Metal Ductwork *(23 31 13 13-0001)*

Note: SMACNA weight for aluminum ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.224 LB/SF; 24 gauge - 0.282 LB/SF; 22 gauge - 0.352 LB/SF; 20 gauge - 0.451 LB/SF; 18 gauge - 0.563 LB/SF; 16 gauge - 0.718 LB/SF; 14 gauge – 0.901 LB/SF; 12 gauge – 0.141 LB/SF

23 31 13 13-0007	LB	Seal Class C, Alloy 3003-H14, Aluminum Sheet Metal Ductwork	21.33	2.91
		For Work In Restricted Working Space, Add	*5.31*	
		For Up To 200, Add	*7.49*	
		For >200 To 500, Add	*4.75*	
		For >500 To 1,000, Add	*3.24*	
		For >1,000 To 2,000, Add	*1.82*	
		For >2,000 To 5,000, Add	*0.82*	
		For Elevated Installation >10' To 15', Add	*1.06*	
		For Elevated Installation >15' To 20', Add	*2.12*	
		For Elevated Installation >20' To 25', Add	*2.66*	
		For Elevated Installation >25' To 30', Add	*3.72*	
		For Elevated Installation >30' To 35', Add	*4.25*	
		For Elevated Installation >35' To 40', Add	*5.31*	
		For Elevated Installation >40', Add	*5.84*	
23 31 13 13-0008	LB	Seal Class B, Alloy 3003-H14, Aluminum Sheet Metal Ductwork	24.21	2.91
		For Work In Restricted Working Space, Add	*6.11*	
		For Up To 200, Add	*8.42*	
		For >200 To 500, Add	*5.32*	
		For >500 To 1,000, Add	*3.66*	
		For >1,000 To 2,000, Add	*2.05*	
		For >2,000 To 5,000, Add	*0.93*	
		For Elevated Installation >10' To 15', Add	*1.22*	
		For Elevated Installation >15' To 20', Add	*2.44*	
		For Elevated Installation >20' To 25', Add	*3.05*	
		For Elevated Installation >25' To 30', Add	*4.27*	
		For Elevated Installation >30' To 35', Add	*4.88*	
		For Elevated Installation >35' To 40', Add	*6.11*	
		For Elevated Installation >40', Add	*6.72*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0009		LB	Seal Class A, Alloy 3003-H14, Aluminum Sheet Metal Ductwork	28.86	2.91
			For Work In Restricted Working Space, Add	*7.43*	
			For Up To 200, Add	*9.89*	
			For >200 To 500, Add	*6.22*	
			For >500 To 1,000, Add	*4.33*	
			For >1,000 To 2,000, Add	*2.43*	
			For >2,000 To 5,000, Add	*1.11*	
			For Elevated Installation >10' To 15', Add	*1.49*	
			For Elevated Installation >15' To 20', Add	*2.97*	
			For Elevated Installation >20' To 25', Add	*3.72*	
			For Elevated Installation >25' To 30', Add	*5.20*	
			For Elevated Installation >30' To 35', Add	*5.94*	
			For Elevated Installation >35' To 40', Add	*7.43*	
			For Elevated Installation >40', Add	*8.17*	
23 31 13 13-0010			Type 304, Stainless Steel Sheet Metal Ductwork *(23 31 13 13-0001)*		
			Note: SMACNA weight for stainless steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.748 LB/SF; 24 gauge - 0.987 LB/SF; 22 gauge – 1.231 LB/SF; 20 gauge - 1.491 LB/SF; 18 gauge - 2.016 LB/SF; 16 gauge - 2.499 LB/SF; 14 gauge – 3.154 LB/SF; 12 gauge – 4.427 LB/SF		
23 31 13 13-0011		LB	Seal Class C, Type 304, Stainless Steel Sheet Metal Ductwork	15.66	3.87
			For Work In Restricted Working Space, Add	*3.26*	
			For Welded Seams, Add	*5.68*	
			For Up To 200, Add	*6.13*	
			For >200 To 500, Add	*4.01*	
			For >500 To 1,000, Add	*2.53*	
			For >1,000 To 2,000, Add	*1.40*	
			For >2,000 To 5,000, Add	*0.58*	
			For Elevated Installation >10' To 15', Add	*0.65*	
			For Elevated Installation >15' To 20', Add	*1.31*	
			For Elevated Installation >20' To 25', Add	*1.63*	
			For Elevated Installation >25' To 30', Add	*2.28*	
			For Elevated Installation >30' To 35', Add	*2.61*	
			For Elevated Installation >35' To 40', Add	*3.26*	
			For Elevated Installation >40', Add	*3.59*	
23 31 13 13-0012		LB	Seal Class B, Type 304, Stainless Steel Sheet Metal Ductwork	18.13	3.87
			For Work In Restricted Working Space, Add	*3.94*	
			For Welded Seams, Add	*6.81*	
			For Up To 200, Add	*6.94*	
			For >200 To 500, Add	*4.52*	
			For >500 To 1,000, Add	*2.89*	
			For >1,000 To 2,000, Add	*1.60*	
			For >2,000 To 5,000, Add	*0.68*	
			For Elevated Installation >10' To 15', Add	*0.79*	
			For Elevated Installation >15' To 20', Add	*1.57*	
			For Elevated Installation >20' To 25', Add	*1.97*	
			For Elevated Installation >25' To 30', Add	*2.76*	
			For Elevated Installation >30' To 35', Add	*3.15*	
			For Elevated Installation >35' To 40', Add	*3.94*	
			For Elevated Installation >40', Add	*4.33*	
23 31 13 13-0013		LB	Seal Class A, Type 304, Stainless Steel Sheet Metal Ductwork	20.46	3.87
			For Work In Restricted Working Space, Add	*4.57*	
			For Welded Seams, Add	*7.87*	
			For Up To 200, Add	*7.71*	
			For >200 To 500, Add	*4.99*	
			For >500 To 1,000, Add	*3.23*	
			For >1,000 To 2,000, Add	*1.79*	
			For >2,000 To 5,000, Add	*0.77*	
			For Elevated Installation >10' To 15', Add	*0.91*	
			For Elevated Installation >15' To 20', Add	*1.83*	
			For Elevated Installation >20' To 25', Add	*2.28*	
			For Elevated Installation >25' To 30', Add	*3.20*	
			For Elevated Installation >30' To 35', Add	*3.65*	
			For Elevated Installation >35' To 40', Add	*4.57*	
			For Elevated Installation >40', Add	*5.02*	
23 31 13 13-0014			Galvanized Steel Sheet Metal Ductwork By LF *(23 31 13 13-0001)*		
			Note: Ductwork includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45 degree elbows; 3' for 90 degree elbows, transition, taper, register box; 4' for 45 degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90 degree reducing elbow, 135 degree angle gooseneck, boots; and 6' for transition/reducer.		
23 31 13 13-0015			30 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*		
23 31 13 13-0016		LF	4" x 4", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	11.52	5.98
			For Seal Class B, Add	*1.50*	
			For Seal Class A, Add	*3.19*	
			For Work In Restricted Working Space, Add	*2.99*	
23 31 13 13-0017		LF	4" x 6", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	14.39	7.48
			For Seal Class B, Add	*1.87*	
			For Seal Class A, Add	*3.99*	
			For Work In Restricted Working Space, Add	*3.74*	
23 31 13 13-0018		LF	4" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	17.28	8.97
			For Seal Class B, Add	*2.24*	
			For Seal Class A, Add	*4.78*	
			For Work In Restricted Working Space, Add	*4.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0019	LF	4" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	20.15	10.46
		For Seal Class B, Add	*2.62*	
		For Seal Class A, Add	*5.58*	
		For Work In Restricted Working Space, Add	*5.23*	
23 31 13 13-0020	LF	4" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	23.05	11.96
		For Seal Class B, Add	*2.99*	
		For Seal Class A, Add	*6.38*	
		For Work In Restricted Working Space, Add	*5.98*	
23 31 13 13-0021	LF	4" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	25.91	13.46
		For Seal Class B, Add	*3.36*	
		For Seal Class A, Add	*7.17*	
		For Work In Restricted Working Space, Add	*6.73*	
23 31 13 13-0022	LF	4" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	28.78	14.95
		For Seal Class B, Add	*3.74*	
		For Seal Class A, Add	*7.97*	
		For Work In Restricted Working Space, Add	*7.48*	
23 31 13 13-0023	LF	6" x 6", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	17.28	8.97
		For Seal Class B, Add	*2.24*	
		For Seal Class A, Add	*4.78*	
		For Work In Restricted Working Space, Add	*4.49*	
23 31 13 13-0024	LF	6" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	20.15	10.46
		For Seal Class B, Add	*2.62*	
		For Seal Class A, Add	*5.58*	
		For Work In Restricted Working Space, Add	*5.23*	
23 31 13 13-0025	LF	6" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	23.05	11.96
		For Seal Class B, Add	*2.99*	
		For Seal Class A, Add	*6.38*	
		For Work In Restricted Working Space, Add	*5.98*	
23 31 13 13-0026	LF	6" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	25.91	13.46
		For Seal Class B, Add	*3.36*	
		For Seal Class A, Add	*7.17*	
		For Work In Restricted Working Space, Add	*6.73*	
23 31 13 13-0027	LF	6" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	28.78	14.95
		For Seal Class B, Add	*3.74*	
		For Seal Class A, Add	*7.97*	
		For Work In Restricted Working Space, Add	*7.48*	
23 31 13 13-0028	LF	6" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	31.67	16.45
		For Seal Class B, Add	*4.11*	
		For Seal Class A, Add	*8.77*	
		For Work In Restricted Working Space, Add	*8.22*	
23 31 13 13-0029	LF	8" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	23.05	11.96
		For Seal Class B, Add	*2.99*	
		For Seal Class A, Add	*6.38*	
		For Work In Restricted Working Space, Add	*5.98*	
23 31 13 13-0030	LF	8" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	25.91	13.46
		For Seal Class B, Add	*3.36*	
		For Seal Class A, Add	*7.17*	
		For Work In Restricted Working Space, Add	*6.73*	
23 31 13 13-0031	LF	8" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	28.78	14.95
		For Seal Class B, Add	*3.74*	
		For Seal Class A, Add	*7.97*	
		For Work In Restricted Working Space, Add	*7.48*	
23 31 13 13-0032	LF	8" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	31.67	16.45
		For Seal Class B, Add	*4.11*	
		For Seal Class A, Add	*8.77*	
		For Work In Restricted Working Space, Add	*8.22*	
23 31 13 13-0033	LF	8" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	34.54	17.94
		For Seal Class B, Add	*4.49*	
		For Seal Class A, Add	*9.57*	
		For Work In Restricted Working Space, Add	*8.97*	
23 31 13 13-0034	LF	8" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.44	19.44
		For Seal Class B, Add	*4.86*	
		For Seal Class A, Add	*10.37*	
		For Work In Restricted Working Space, Add	*9.72*	
23 31 13 13-0035	LF	8" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	40.31	20.94
		For Seal Class B, Add	*5.23*	
		For Seal Class A, Add	*11.16*	
		For Work In Restricted Working Space, Add	*10.47*	
23 31 13 13-0036	LF	8" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.18	22.42
		For Seal Class B, Add	*5.61*	
		For Seal Class A, Add	*11.96*	
		For Work In Restricted Working Space, Add	*11.21*	
23 31 13 13-0037	LF	8" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	46.05	23.92
		For Seal Class B, Add	*5.98*	
		For Seal Class A, Add	*12.76*	
		For Work In Restricted Working Space, Add	*11.96*	
23 31 13 13-0038	LF	10" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	28.78	14.95
		For Seal Class B, Add	*3.74*	
		For Seal Class A, Add	*7.97*	
		For Work In Restricted Working Space, Add	*7.48*	
23 31 13 13-0039	LF	10" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	31.67	16.45
		For Seal Class B, Add	*4.11*	
		For Seal Class A, Add	*8.77*	
		For Work In Restricted Working Space, Add	*8.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0040	LF	10" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	34.54	17.94
		For Seal Class B, Add	*4.49*	
		For Seal Class A, Add	*9.57*	
		For Work In Restricted Working Space, Add	*8.97*	
23 31 13 13-0041	LF	10" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.44	19.44
		For Seal Class B, Add	*4.86*	
		For Seal Class A, Add	*10.37*	
		For Work In Restricted Working Space, Add	*9.72*	
23 31 13 13-0042	LF	10" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	40.31	20.94
		For Seal Class B, Add	*5.23*	
		For Seal Class A, Add	*11.16*	
		For Work In Restricted Working Space, Add	*10.47*	
23 31 13 13-0043	LF	10" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.18	22.42
		For Seal Class B, Add	*5.61*	
		For Seal Class A, Add	*11.96*	
		For Work In Restricted Working Space, Add	*11.21*	
23 31 13 13-0044	LF	10" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	46.05	23.92
		For Seal Class B, Add	*5.98*	
		For Seal Class A, Add	*12.76*	
		For Work In Restricted Working Space, Add	*11.96*	
23 31 13 13-0045	LF	10" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	48.95	25.41
		For Seal Class B, Add	*6.35*	
		For Seal Class A, Add	*13.56*	
		For Work In Restricted Working Space, Add	*12.71*	
23 31 13 13-0046	LF	12" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	34.54	17.94
		For Seal Class B, Add	*4.49*	
		For Seal Class A, Add	*9.57*	
		For Work In Restricted Working Space, Add	*8.97*	
23 31 13 13-0047	LF	12" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.44	19.44
		For Seal Class B, Add	*4.86*	
		For Seal Class A, Add	*10.37*	
		For Work In Restricted Working Space, Add	*9.72*	
23 31 13 13-0048	LF	12" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	40.31	20.94
		For Seal Class B, Add	*5.23*	
		For Seal Class A, Add	*11.16*	
		For Work In Restricted Working Space, Add	*10.47*	
23 31 13 13-0049	LF	12" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.18	22.42
		For Seal Class B, Add	*5.61*	
		For Seal Class A, Add	*11.96*	
		For Work In Restricted Working Space, Add	*11.21*	
23 31 13 13-0050	LF	12" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	46.05	23.92
		For Seal Class B, Add	*5.98*	
		For Seal Class A, Add	*12.76*	
		For Work In Restricted Working Space, Add	*11.96*	
23 31 13 13-0051	LF	12" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	48.95	25.41
		For Seal Class B, Add	*6.35*	
		For Seal Class A, Add	*13.56*	
		For Work In Restricted Working Space, Add	*12.71*	
23 31 13 13-0052	LF	12" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.83	26.91
		For Seal Class B, Add	*6.73*	
		For Seal Class A, Add	*14.36*	
		For Work In Restricted Working Space, Add	*13.46*	
23 31 13 13-0053	LF	14" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	40.31	20.94
		For Seal Class B, Add	*5.23*	
		For Seal Class A, Add	*11.16*	
		For Work In Restricted Working Space, Add	*10.47*	
23 31 13 13-0054	LF	14" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.18	22.42
		For Seal Class B, Add	*5.61*	
		For Seal Class A, Add	*11.96*	
		For Work In Restricted Working Space, Add	*11.21*	
23 31 13 13-0055	LF	14" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	46.05	23.92
		For Seal Class B, Add	*5.98*	
		For Seal Class A, Add	*12.76*	
		For Work In Restricted Working Space, Add	*11.96*	
23 31 13 13-0056	LF	14" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	48.95	25.41
		For Seal Class B, Add	*6.35*	
		For Seal Class A, Add	*13.56*	
		For Work In Restricted Working Space, Add	*12.71*	
23 31 13 13-0057	LF	14" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.83	26.91
		For Seal Class B, Add	*6.73*	
		For Seal Class A, Add	*14.36*	
		For Work In Restricted Working Space, Add	*13.46*	
23 31 13 13-0058	LF	14" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.72	28.41
		For Seal Class B, Add	*7.10*	
		For Seal Class A, Add	*15.15*	
		For Work In Restricted Working Space, Add	*14.21*	
23 31 13 13-0059	LF	16" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	46.05	23.92
		For Seal Class B, Add	*5.98*	
		For Seal Class A, Add	*12.76*	
		For Work In Restricted Working Space, Add	*11.96*	
23 31 13 13-0060	LF	16" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	48.95	25.41
		For Seal Class B, Add	*6.35*	
		For Seal Class A, Add	*13.56*	
		For Work In Restricted Working Space, Add	*12.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0061	LF	16" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.83	26.91
		For Seal Class B, Add	*6.73*	
		For Seal Class A, Add	*14.36*	
		For Work In Restricted Working Space, Add	*13.46*	
23 31 13 13-0062	LF	16" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.72	28.41
		For Seal Class B, Add	*7.10*	
		For Seal Class A, Add	*15.15*	
		For Work In Restricted Working Space, Add	*14.21*	
23 31 13 13-0063	LF	16" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	57.59	29.90
		For Seal Class B, Add	*7.48*	
		For Seal Class A, Add	*15.95*	
		For Work In Restricted Working Space, Add	*14.95*	
23 31 13 13-0064	LF	18" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.83	26.91
		For Seal Class B, Add	*6.73*	
		For Seal Class A, Add	*14.36*	
		For Work In Restricted Working Space, Add	*13.46*	
23 31 13 13-0065	LF	18" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.72	28.41
		For Seal Class B, Add	*7.10*	
		For Seal Class A, Add	*15.15*	
		For Work In Restricted Working Space, Add	*14.21*	
23 31 13 13-0066	LF	18" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	57.59	29.90
		For Seal Class B, Add	*7.48*	
		For Seal Class A, Add	*15.95*	
		For Work In Restricted Working Space, Add	*14.95*	
23 31 13 13-0067	LF	18" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.45	31.40
		For Seal Class B, Add	*7.85*	
		For Seal Class A, Add	*16.74*	
		For Work In Restricted Working Space, Add	*15.70*	
23 31 13 13-0068	LF	20" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	57.59	29.90
		For Seal Class B, Add	*7.48*	
		For Seal Class A, Add	*15.95*	
		For Work In Restricted Working Space, Add	*14.95*	
23 31 13 13-0069	LF	20" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.45	31.40
		For Seal Class B, Add	*7.85*	
		For Seal Class A, Add	*16.74*	
		For Work In Restricted Working Space, Add	*15.70*	
23 31 13 13-0070	LF	20" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.33	32.89
		For Seal Class B, Add	*8.22*	
		For Seal Class A, Add	*17.54*	
		For Work In Restricted Working Space, Add	*16.44*	
23 31 13 13-0071	LF	22" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.33	32.89
		For Seal Class B, Add	*8.22*	
		For Seal Class A, Add	*17.54*	
		For Work In Restricted Working Space, Add	*16.44*	
23 31 13 13-0072	LF	22" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.21	34.39
		For Seal Class B, Add	*8.60*	
		For Seal Class A, Add	*18.34*	
		For Work In Restricted Working Space, Add	*17.19*	
23 31 13 13-0073	LF	24" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.11	35.89
		For Seal Class B, Add	*8.97*	
		For Seal Class A, Add	*19.14*	
		For Work In Restricted Working Space, Add	*17.94*	
23 31 13 13-0074		**28 Gauge Galvanized Steel Metal Ductwork** *(23 31 13 13-0014)*		
23 31 13 13-0075	LF	4" x 4", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	13.71	7.12
		For Seal Class B, Add	*1.78*	
		For Seal Class A, Add	*3.80*	
		For Work In Restricted Working Space, Add	*3.56*	
23 31 13 13-0076	LF	4" x 6", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	17.14	8.90
		For Seal Class B, Add	*2.22*	
		For Seal Class A, Add	*4.75*	
		For Work In Restricted Working Space, Add	*4.45*	
23 31 13 13-0077	LF	4" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	20.57	10.67
		For Seal Class B, Add	*2.67*	
		For Seal Class A, Add	*5.70*	
		For Work In Restricted Working Space, Add	*5.34*	
23 31 13 13-0078	LF	4" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	23.98	12.46
		For Seal Class B, Add	*3.11*	
		For Seal Class A, Add	*6.64*	
		For Work In Restricted Working Space, Add	*6.23*	
23 31 13 13-0079	LF	4" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	27.42	14.25
		For Seal Class B, Add	*3.56*	
		For Seal Class A, Add	*7.59*	
		For Work In Restricted Working Space, Add	*7.12*	
23 31 13 13-0080	LF	4" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	30.85	16.02
		For Seal Class B, Add	*4.01*	
		For Seal Class A, Add	*8.54*	
		For Work In Restricted Working Space, Add	*8.01*	
23 31 13 13-0081	LF	4" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	34.27	17.80
		For Seal Class B, Add	*4.45*	
		For Seal Class A, Add	*9.49*	
		For Work In Restricted Working Space, Add	*8.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0082	LF	6" x 6", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	20.57	10.67
		For Seal Class B, Add	*2.67*	
		For Seal Class A, Add	*5.70*	
		For Work In Restricted Working Space, Add	*5.34*	
23 31 13 13-0083	LF	6" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	23.98	12.46
		For Seal Class B, Add	*3.11*	
		For Seal Class A, Add	*6.64*	
		For Work In Restricted Working Space, Add	*6.23*	
23 31 13 13-0084	LF	6" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	27.42	14.25
		For Seal Class B, Add	*3.56*	
		For Seal Class A, Add	*7.59*	
		For Work In Restricted Working Space, Add	*7.12*	
23 31 13 13-0085	LF	6" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	30.85	16.02
		For Seal Class B, Add	*4.01*	
		For Seal Class A, Add	*8.54*	
		For Work In Restricted Working Space, Add	*8.01*	
23 31 13 13-0086	LF	6" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	34.27	17.80
		For Seal Class B, Add	*4.45*	
		For Seal Class A, Add	*9.49*	
		For Work In Restricted Working Space, Add	*8.90*	
23 31 13 13-0087	LF	6" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.72	19.58
		For Seal Class B, Add	*4.90*	
		For Seal Class A, Add	*10.44*	
		For Work In Restricted Working Space, Add	*9.79*	
23 31 13 13-0088	LF	8" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	27.42	14.25
		For Seal Class B, Add	*3.56*	
		For Seal Class A, Add	*7.59*	
		For Work In Restricted Working Space, Add	*7.12*	
23 31 13 13-0089	LF	8" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	30.85	16.02
		For Seal Class B, Add	*4.01*	
		For Seal Class A, Add	*8.54*	
		For Work In Restricted Working Space, Add	*8.01*	
23 31 13 13-0090	LF	8" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	34.27	17.80
		For Seal Class B, Add	*4.45*	
		For Seal Class A, Add	*9.49*	
		For Work In Restricted Working Space, Add	*8.90*	
23 31 13 13-0091	LF	8" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.72	19.58
		For Seal Class B, Add	*4.90*	
		For Seal Class A, Add	*10.44*	
		For Work In Restricted Working Space, Add	*9.79*	
23 31 13 13-0092	LF	8" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	41.13	21.36
		For Seal Class B, Add	*5.34*	
		For Seal Class A, Add	*11.39*	
		For Work In Restricted Working Space, Add	*10.68*	
23 31 13 13-0093	LF	8" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	44.56	23.14
		For Seal Class B, Add	*5.79*	
		For Seal Class A, Add	*12.34*	
		For Work In Restricted Working Space, Add	*11.57*	
23 31 13 13-0094	LF	8" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	47.99	24.92
		For Seal Class B, Add	*6.23*	
		For Seal Class A, Add	*13.29*	
		For Work In Restricted Working Space, Add	*12.46*	
23 31 13 13-0095	LF	8" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.40	26.70
		For Seal Class B, Add	*6.67*	
		For Seal Class A, Add	*14.24*	
		For Work In Restricted Working Space, Add	*13.35*	
23 31 13 13-0096	LF	8" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.85	28.48
		For Seal Class B, Add	*7.12*	
		For Seal Class A, Add	*15.19*	
		For Work In Restricted Working Space, Add	*14.24*	
23 31 13 13-0097	LF	10" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	34.27	17.80
		For Seal Class B, Add	*4.45*	
		For Seal Class A, Add	*9.49*	
		For Work In Restricted Working Space, Add	*8.90*	
23 31 13 13-0098	LF	10" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.72	19.58
		For Seal Class B, Add	*4.90*	
		For Seal Class A, Add	*10.44*	
		For Work In Restricted Working Space, Add	*9.79*	
23 31 13 13-0099	LF	10" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	41.13	21.36
		For Seal Class B, Add	*5.34*	
		For Seal Class A, Add	*11.39*	
		For Work In Restricted Working Space, Add	*10.68*	
23 31 13 13-0100	LF	10" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	44.56	23.14
		For Seal Class B, Add	*5.79*	
		For Seal Class A, Add	*12.34*	
		For Work In Restricted Working Space, Add	*11.57*	
23 31 13 13-0101	LF	10" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	47.99	24.92
		For Seal Class B, Add	*6.23*	
		For Seal Class A, Add	*13.29*	
		For Work In Restricted Working Space, Add	*12.46*	
23 31 13 13-0102	LF	10" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.40	26.70
		For Seal Class B, Add	*6.67*	
		For Seal Class A, Add	*14.24*	
		For Work In Restricted Working Space, Add	*13.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0103	LF	10" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.85	28.48
		For Seal Class B, Add	*7.12*	
		For Seal Class A, Add	*15.19*	
		For Work In Restricted Working Space, Add	*14.24*	
23 31 13 13-0104	LF	10" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.28	30.26
		For Seal Class B, Add	*7.57*	
		For Seal Class A, Add	*16.14*	
		For Work In Restricted Working Space, Add	*15.13*	
23 31 13 13-0105	LF	12" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	41.13	21.36
		For Seal Class B, Add	*5.34*	
		For Seal Class A, Add	*11.39*	
		For Work In Restricted Working Space, Add	*10.68*	
23 31 13 13-0106	LF	12" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	44.56	23.14
		For Seal Class B, Add	*5.79*	
		For Seal Class A, Add	*12.34*	
		For Work In Restricted Working Space, Add	*11.57*	
23 31 13 13-0107	LF	12" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	47.99	24.92
		For Seal Class B, Add	*6.23*	
		For Seal Class A, Add	*13.29*	
		For Work In Restricted Working Space, Add	*12.46*	
23 31 13 13-0108	LF	12" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.40	26.70
		For Seal Class B, Add	*6.67*	
		For Seal Class A, Add	*14.24*	
		For Work In Restricted Working Space, Add	*13.35*	
23 31 13 13-0109	LF	12" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.85	28.48
		For Seal Class B, Add	*7.12*	
		For Seal Class A, Add	*15.19*	
		For Work In Restricted Working Space, Add	*14.24*	
23 31 13 13-0110	LF	12" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.28	30.26
		For Seal Class B, Add	*7.57*	
		For Seal Class A, Add	*16.14*	
		For Work In Restricted Working Space, Add	*15.13*	
23 31 13 13-0111	LF	12" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.70	32.03
		For Seal Class B, Add	*8.01*	
		For Seal Class A, Add	*17.09*	
		For Work In Restricted Working Space, Add	*16.02*	
23 31 13 13-0112	LF	14" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	47.99	24.92
		For Seal Class B, Add	*6.23*	
		For Seal Class A, Add	*13.29*	
		For Work In Restricted Working Space, Add	*12.46*	
23 31 13 13-0113	LF	14" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.40	26.70
		For Seal Class B, Add	*6.67*	
		For Seal Class A, Add	*14.24*	
		For Work In Restricted Working Space, Add	*13.35*	
23 31 13 13-0114	LF	14" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.85	28.48
		For Seal Class B, Add	*7.12*	
		For Seal Class A, Add	*15.19*	
		For Work In Restricted Working Space, Add	*14.24*	
23 31 13 13-0115	LF	14" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.28	30.26
		For Seal Class B, Add	*7.57*	
		For Seal Class A, Add	*16.14*	
		For Work In Restricted Working Space, Add	*15.13*	
23 31 13 13-0116	LF	14" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.70	32.03
		For Seal Class B, Add	*8.01*	
		For Seal Class A, Add	*17.09*	
		For Work In Restricted Working Space, Add	*16.02*	
23 31 13 13-0117	LF	14" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.14	33.82
		For Seal Class B, Add	*8.46*	
		For Seal Class A, Add	*18.04*	
		For Work In Restricted Working Space, Add	*16.91*	
23 31 13 13-0118	LF	16" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.85	28.48
		For Seal Class B, Add	*7.12*	
		For Seal Class A, Add	*15.19*	
		For Work In Restricted Working Space, Add	*14.24*	
23 31 13 13-0119	LF	16" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.28	30.26
		For Seal Class B, Add	*7.57*	
		For Seal Class A, Add	*16.14*	
		For Work In Restricted Working Space, Add	*15.13*	
23 31 13 13-0120	LF	16" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.70	32.03
		For Seal Class B, Add	*8.01*	
		For Seal Class A, Add	*17.09*	
		For Work In Restricted Working Space, Add	*16.02*	
23 31 13 13-0121	LF	16" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.14	33.82
		For Seal Class B, Add	*8.46*	
		For Seal Class A, Add	*18.04*	
		For Work In Restricted Working Space, Add	*16.91*	
23 31 13 13-0122	LF	16" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	68.55	35.60
		For Seal Class B, Add	*8.90*	
		For Seal Class A, Add	*18.99*	
		For Work In Restricted Working Space, Add	*17.80*	
23 31 13 13-0123	LF	18" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.70	32.03
		For Seal Class B, Add	*8.01*	
		For Seal Class A, Add	*17.09*	
		For Work In Restricted Working Space, Add	*16.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0124	LF	18" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.14	33.82
		For Seal Class B, Add	*8.46*	
		For Seal Class A, Add	*18.04*	
		For Work In Restricted Working Space, Add	*16.91*	
23 31 13 13-0125	LF	18" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	68.55	35.60
		For Seal Class B, Add	*8.90*	
		For Seal Class A, Add	*18.99*	
		For Work In Restricted Working Space, Add	*17.80*	
23 31 13 13-0126	LF	18" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.98	37.38
		For Seal Class B, Add	*9.35*	
		For Seal Class A, Add	*19.94*	
		For Work In Restricted Working Space, Add	*18.69*	
23 31 13 13-0127	LF	20" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	68.55	35.60
		For Seal Class B, Add	*8.90*	
		For Seal Class A, Add	*18.99*	
		For Work In Restricted Working Space, Add	*17.80*	
23 31 13 13-0128	LF	20" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.98	37.38
		For Seal Class B, Add	*9.35*	
		For Seal Class A, Add	*19.94*	
		For Work In Restricted Working Space, Add	*18.69*	
23 31 13 13-0129	LF	20" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.42	39.16
		For Seal Class B, Add	*9.79*	
		For Seal Class A, Add	*20.89*	
		For Work In Restricted Working Space, Add	*19.58*	
23 31 13 13-0130	LF	22" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.42	39.16
		For Seal Class B, Add	*9.79*	
		For Seal Class A, Add	*20.89*	
		For Work In Restricted Working Space, Add	*19.58*	
23 31 13 13-0131	LF	22" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.84	40.94
		For Seal Class B, Add	*10.23*	
		For Seal Class A, Add	*21.83*	
		For Work In Restricted Working Space, Add	*20.47*	
23 31 13 13-0132	LF	24" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	82.26	42.73
		For Seal Class B, Add	*10.68*	
		For Seal Class A, Add	*22.78*	
		For Work In Restricted Working Space, Add	*21.36*	
23 31 13 13-0133		**26 Gauge Galvanized Steel Metal Ductwork** *(23 31 13 13-0014)*		
23 31 13 13-0134	LF	4" x 4", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	15.91	8.25
		For Seal Class B, Add	*2.07*	
		For Seal Class A, Add	*4.41*	
		For Work In Restricted Working Space, Add	*4.13*	
23 31 13 13-0135	LF	4" x 6", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	19.88	10.32
		For Seal Class B, Add	*2.58*	
		For Seal Class A, Add	*5.51*	
		For Work In Restricted Working Space, Add	*5.16*	
23 31 13 13-0136	LF	4" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	23.86	12.39
		For Seal Class B, Add	*3.10*	
		For Seal Class A, Add	*6.61*	
		For Work In Restricted Working Space, Add	*6.20*	
23 31 13 13-0137	LF	4" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	27.83	14.46
		For Seal Class B, Add	*3.61*	
		For Seal Class A, Add	*7.71*	
		For Work In Restricted Working Space, Add	*7.23*	
23 31 13 13-0138	LF	4" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	31.81	16.53
		For Seal Class B, Add	*4.13*	
		For Seal Class A, Add	*8.81*	
		For Work In Restricted Working Space, Add	*8.26*	
23 31 13 13-0139	LF	4" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	35.78	18.58
		For Seal Class B, Add	*4.65*	
		For Seal Class A, Add	*9.91*	
		For Work In Restricted Working Space, Add	*9.29*	
23 31 13 13-0140	LF	4" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.76	20.65
		For Seal Class B, Add	*5.16*	
		For Seal Class A, Add	*11.01*	
		For Work In Restricted Working Space, Add	*10.33*	
23 31 13 13-0141	LF	6" x 6", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	23.86	12.39
		For Seal Class B, Add	*3.10*	
		For Seal Class A, Add	*6.61*	
		For Work In Restricted Working Space, Add	*6.20*	
23 31 13 13-0142	LF	6" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	27.83	14.46
		For Seal Class B, Add	*3.61*	
		For Seal Class A, Add	*7.71*	
		For Work In Restricted Working Space, Add	*7.23*	
23 31 13 13-0143	LF	6" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	31.81	16.53
		For Seal Class B, Add	*4.13*	
		For Seal Class A, Add	*8.81*	
		For Work In Restricted Working Space, Add	*8.26*	
23 31 13 13-0144	LF	6" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	35.78	18.58
		For Seal Class B, Add	*4.65*	
		For Seal Class A, Add	*9.91*	
		For Work In Restricted Working Space, Add	*9.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0145	LF	6" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.76	20.65
		For Seal Class B, Add	*5.16*	
		For Seal Class A, Add	*11.01*	
		For Work In Restricted Working Space, Add	*10.33*	
23 31 13 13-0146	LF	6" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.74	22.71
		For Seal Class B, Add	*5.68*	
		For Seal Class A, Add	*12.11*	
		For Work In Restricted Working Space, Add	*11.36*	
23 31 13 13-0147	LF	8" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	31.81	16.53
		For Seal Class B, Add	*4.13*	
		For Seal Class A, Add	*8.81*	
		For Work In Restricted Working Space, Add	*8.26*	
23 31 13 13-0148	LF	8" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	35.78	18.58
		For Seal Class B, Add	*4.65*	
		For Seal Class A, Add	*9.91*	
		For Work In Restricted Working Space, Add	*9.29*	
23 31 13 13-0149	LF	8" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.77	20.65
		For Seal Class B, Add	*5.16*	
		For Seal Class A, Add	*11.01*	
		For Work In Restricted Working Space, Add	*10.33*	
23 31 13 13-0150	LF	8" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.74	22.71
		For Seal Class B, Add	*5.68*	
		For Seal Class A, Add	*12.11*	
		For Work In Restricted Working Space, Add	*11.36*	
23 31 13 13-0151	LF	8" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	47.72	24.78
		For Seal Class B, Add	*6.20*	
		For Seal Class A, Add	*13.22*	
		For Work In Restricted Working Space, Add	*12.39*	
23 31 13 13-0152	LF	8" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.69	26.84
		For Seal Class B, Add	*6.71*	
		For Seal Class A, Add	*14.32*	
		For Work In Restricted Working Space, Add	*13.42*	
23 31 13 13-0153	LF	8" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	55.66	28.91
		For Seal Class B, Add	*7.23*	
		For Seal Class A, Add	*15.42*	
		For Work In Restricted Working Space, Add	*14.45*	
23 31 13 13-0154	LF	8" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.65	30.97
		For Seal Class B, Add	*7.74*	
		For Seal Class A, Add	*16.52*	
		For Work In Restricted Working Space, Add	*15.49*	
23 31 13 13-0155	LF	8" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.62	33.03
		For Seal Class B, Add	*8.26*	
		For Seal Class A, Add	*17.62*	
		For Work In Restricted Working Space, Add	*16.52*	
23 31 13 13-0156	LF	10" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.77	20.65
		For Seal Class B, Add	*5.16*	
		For Seal Class A, Add	*11.01*	
		For Work In Restricted Working Space, Add	*10.33*	
23 31 13 13-0157	LF	10" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.73	22.71
		For Seal Class B, Add	*5.68*	
		For Seal Class A, Add	*12.11*	
		For Work In Restricted Working Space, Add	*11.36*	
23 31 13 13-0158	LF	10" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	47.72	24.78
		For Seal Class B, Add	*6.20*	
		For Seal Class A, Add	*13.22*	
		For Work In Restricted Working Space, Add	*12.39*	
23 31 13 13-0159	LF	10" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.69	26.84
		For Seal Class B, Add	*6.71*	
		For Seal Class A, Add	*14.32*	
		For Work In Restricted Working Space, Add	*13.42*	
23 31 13 13-0160	LF	10" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	55.66	28.91
		For Seal Class B, Add	*7.23*	
		For Seal Class A, Add	*15.42*	
		For Work In Restricted Working Space, Add	*14.45*	
23 31 13 13-0161	LF	10" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.65	30.97
		For Seal Class B, Add	*7.74*	
		For Seal Class A, Add	*16.52*	
		For Work In Restricted Working Space, Add	*15.49*	
23 31 13 13-0162	LF	10" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.62	33.03
		For Seal Class B, Add	*8.26*	
		For Seal Class A, Add	*17.62*	
		For Work In Restricted Working Space, Add	*16.52*	
23 31 13 13-0163	LF	10" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.60	35.11
		For Seal Class B, Add	*8.78*	
		For Seal Class A, Add	*18.72*	
		For Work In Restricted Working Space, Add	*17.55*	
23 31 13 13-0164	LF	12" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	47.72	24.78
		For Seal Class B, Add	*6.20*	
		For Seal Class A, Add	*13.22*	
		For Work In Restricted Working Space, Add	*12.39*	
23 31 13 13-0165	LF	12" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.69	26.84
		For Seal Class B, Add	*6.71*	
		For Seal Class A, Add	*14.32*	
		For Work In Restricted Working Space, Add	*13.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0166	LF	12" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	55.66	28.91
		For Seal Class B, Add	*7.23*	
		For Seal Class A, Add	*15.42*	
		For Work In Restricted Working Space, Add	*14.45*	
23 31 13 13-0167	LF	12" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.65	30.97
		For Seal Class B, Add	*7.74*	
		For Seal Class A, Add	*16.52*	
		For Work In Restricted Working Space, Add	*15.49*	
23 31 13 13-0168	LF	12" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.62	33.03
		For Seal Class B, Add	*8.26*	
		For Seal Class A, Add	*17.62*	
		For Work In Restricted Working Space, Add	*16.52*	
23 31 13 13-0169	LF	12" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.60	35.11
		For Seal Class B, Add	*8.78*	
		For Seal Class A, Add	*18.72*	
		For Work In Restricted Working Space, Add	*17.55*	
23 31 13 13-0170	LF	12" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.57	37.17
		For Seal Class B, Add	*9.29*	
		For Seal Class A, Add	*19.82*	
		For Work In Restricted Working Space, Add	*18.59*	
23 31 13 13-0171	LF	14" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	55.66	28.91
		For Seal Class B, Add	*7.23*	
		For Seal Class A, Add	*15.42*	
		For Work In Restricted Working Space, Add	*14.45*	
23 31 13 13-0172	LF	14" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.65	30.97
		For Seal Class B, Add	*7.74*	
		For Seal Class A, Add	*16.52*	
		For Work In Restricted Working Space, Add	*15.49*	
23 31 13 13-0173	LF	14" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.62	33.03
		For Seal Class B, Add	*8.26*	
		For Seal Class A, Add	*17.62*	
		For Work In Restricted Working Space, Add	*16.52*	
23 31 13 13-0174	LF	14" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.60	35.11
		For Seal Class B, Add	*8.78*	
		For Seal Class A, Add	*18.72*	
		For Work In Restricted Working Space, Add	*17.55*	
23 31 13 13-0175	LF	14" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.57	37.17
		For Seal Class B, Add	*9.29*	
		For Seal Class A, Add	*19.82*	
		For Work In Restricted Working Space, Add	*18.59*	
23 31 13 13-0176	LF	14" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.56	39.24
		For Seal Class B, Add	*9.81*	
		For Seal Class A, Add	*20.92*	
		For Work In Restricted Working Space, Add	*19.62*	
23 31 13 13-0177	LF	16" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	63.62	33.03
		For Seal Class B, Add	*8.26*	
		For Seal Class A, Add	*17.62*	
		For Work In Restricted Working Space, Add	*16.52*	
23 31 13 13-0178	LF	16" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.60	35.11
		For Seal Class B, Add	*8.78*	
		For Seal Class A, Add	*18.72*	
		For Work In Restricted Working Space, Add	*17.55*	
23 31 13 13-0179	LF	16" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.57	37.17
		For Seal Class B, Add	*9.29*	
		For Seal Class A, Add	*19.82*	
		For Work In Restricted Working Space, Add	*18.59*	
23 31 13 13-0180	LF	16" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.56	39.24
		For Seal Class B, Add	*9.81*	
		For Seal Class A, Add	*20.92*	
		For Work In Restricted Working Space, Add	*19.62*	
23 31 13 13-0181	LF	16" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	79.53	41.30
		For Seal Class B, Add	*10.32*	
		For Seal Class A, Add	*22.03*	
		For Work In Restricted Working Space, Add	*20.65*	
23 31 13 13-0182	LF	18" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.57	37.17
		For Seal Class B, Add	*9.29*	
		For Seal Class A, Add	*19.82*	
		For Work In Restricted Working Space, Add	*18.59*	
23 31 13 13-0183	LF	18" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.56	39.24
		For Seal Class B, Add	*9.81*	
		For Seal Class A, Add	*20.92*	
		For Work In Restricted Working Space, Add	*19.62*	
23 31 13 13-0184	LF	18" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	79.53	41.30
		For Seal Class B, Add	*10.32*	
		For Seal Class A, Add	*22.03*	
		For Work In Restricted Working Space, Add	*20.65*	
23 31 13 13-0185	LF	18" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.50	43.36
		For Seal Class B, Add	*10.84*	
		For Seal Class A, Add	*23.13*	
		For Work In Restricted Working Space, Add	*21.68*	
23 31 13 13-0186	LF	20" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	79.53	41.30
		For Seal Class B, Add	*10.32*	
		For Seal Class A, Add	*22.03*	
		For Work In Restricted Working Space, Add	*20.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0187	LF	20" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.50	43.36
		For Seal Class B, Add	*10.84*	
		For Seal Class A, Add	*23.13*	
		For Work In Restricted Working Space, Add	*21.68*	
23 31 13 13-0188	LF	20" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.47	45.43
		For Seal Class B, Add	*11.36*	
		For Seal Class A, Add	*24.23*	
		For Work In Restricted Working Space, Add	*22.71*	
23 31 13 13-0189	LF	22" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.47	45.43
		For Seal Class B, Add	*11.36*	
		For Seal Class A, Add	*24.23*	
		For Work In Restricted Working Space, Add	*22.71*	
23 31 13 13-0190	LF	22" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	91.46	47.49
		For Seal Class B, Add	*11.87*	
		For Seal Class A, Add	*25.33*	
		For Work In Restricted Working Space, Add	*23.75*	
23 31 13 13-0191	LF	24" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	95.44	49.56
		For Seal Class B, Add	*12.39*	
		For Seal Class A, Add	*26.43*	
		For Work In Restricted Working Space, Add	*24.78*	
23 31 13 13-0192		**24 Gauge Galvanized Steel Metal Ductwork** *(23 31 13 13-0014)*		
23 31 13 13-0193	LF	4" x 4", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	24.10	12.82
		For Seal Class B, Add	*3.21*	
		For Seal Class A, Add	*6.84*	
		For Work In Restricted Working Space, Add	*6.41*	
23 31 13 13-0194	LF	4" x 6", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	30.12	16.02
		For Seal Class B, Add	*4.01*	
		For Seal Class A, Add	*8.55*	
		For Work In Restricted Working Space, Add	*8.01*	
23 31 13 13-0195	LF	4" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	36.14	19.23
		For Seal Class B, Add	*4.81*	
		For Seal Class A, Add	*10.25*	
		For Work In Restricted Working Space, Add	*9.61*	
23 31 13 13-0196	LF	4" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	42.16	22.43
		For Seal Class B, Add	*5.61*	
		For Seal Class A, Add	*11.96*	
		For Work In Restricted Working Space, Add	*11.21*	
23 31 13 13-0197	LF	4" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	48.19	25.64
		For Seal Class B, Add	*6.41*	
		For Seal Class A, Add	*13.67*	
		For Work In Restricted Working Space, Add	*12.82*	
23 31 13 13-0198	LF	4" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.21	28.84
		For Seal Class B, Add	*7.21*	
		For Seal Class A, Add	*15.38*	
		For Work In Restricted Working Space, Add	*14.42*	
23 31 13 13-0199	LF	4" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.23	32.04
		For Seal Class B, Add	*8.01*	
		For Seal Class A, Add	*17.09*	
		For Work In Restricted Working Space, Add	*16.02*	
23 31 13 13-0200	LF	6" x 6", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	36.14	19.23
		For Seal Class B, Add	*4.81*	
		For Seal Class A, Add	*10.25*	
		For Work In Restricted Working Space, Add	*9.61*	
23 31 13 13-0201	LF	6" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	42.16	22.43
		For Seal Class B, Add	*5.61*	
		For Seal Class A, Add	*11.96*	
		For Work In Restricted Working Space, Add	*11.21*	
23 31 13 13-0202	LF	6" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	48.19	25.64
		For Seal Class B, Add	*6.41*	
		For Seal Class A, Add	*13.67*	
		For Work In Restricted Working Space, Add	*12.82*	
23 31 13 13-0203	LF	6" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.21	28.84
		For Seal Class B, Add	*7.21*	
		For Seal Class A, Add	*15.38*	
		For Work In Restricted Working Space, Add	*14.42*	
23 31 13 13-0204	LF	6" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.23	32.04
		For Seal Class B, Add	*8.01*	
		For Seal Class A, Add	*17.09*	
		For Work In Restricted Working Space, Add	*16.02*	
23 31 13 13-0205	LF	6" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.26	35.25
		For Seal Class B, Add	*8.81*	
		For Seal Class A, Add	*18.80*	
		For Work In Restricted Working Space, Add	*17.63*	
23 31 13 13-0206	LF	8" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	48.19	25.64
		For Seal Class B, Add	*6.41*	
		For Seal Class A, Add	*13.67*	
		For Work In Restricted Working Space, Add	*12.82*	
23 31 13 13-0207	LF	8" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.21	28.84
		For Seal Class B, Add	*7.21*	
		For Seal Class A, Add	*15.38*	
		For Work In Restricted Working Space, Add	*14.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0208	LF	8" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.23	32.04
		For Seal Class B, Add	*8.01*	
		For Seal Class A, Add	*17.09*	
		For Work In Restricted Working Space, Add	*16.02*	
23 31 13 13-0209	LF	8" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.26	35.25
		For Seal Class B, Add	*8.81*	
		For Seal Class A, Add	*18.80*	
		For Work In Restricted Working Space, Add	*17.63*	
23 31 13 13-0210	LF	8" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.28	38.45
		For Seal Class B, Add	*9.61*	
		For Seal Class A, Add	*20.51*	
		For Work In Restricted Working Space, Add	*19.23*	
23 31 13 13-0211	LF	8" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.30	41.66
		For Seal Class B, Add	*10.41*	
		For Seal Class A, Add	*22.22*	
		For Work In Restricted Working Space, Add	*20.83*	
23 31 13 13-0212	LF	8" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	84.33	44.87
		For Seal Class B, Add	*11.22*	
		For Seal Class A, Add	*23.93*	
		For Work In Restricted Working Space, Add	*22.43*	
23 31 13 13-0213	LF	8" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	90.35	48.07
		For Seal Class B, Add	*12.02*	
		For Seal Class A, Add	*25.64*	
		For Work In Restricted Working Space, Add	*24.03*	
23 31 13 13-0214	LF	8" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	96.37	51.27
		For Seal Class B, Add	*12.82*	
		For Seal Class A, Add	*27.34*	
		For Work In Restricted Working Space, Add	*25.64*	
23 31 13 13-0215	LF	10" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.23	32.04
		For Seal Class B, Add	*8.01*	
		For Seal Class A, Add	*17.09*	
		For Work In Restricted Working Space, Add	*16.02*	
23 31 13 13-0216	LF	10" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.26	35.25
		For Seal Class B, Add	*8.81*	
		For Seal Class A, Add	*18.80*	
		For Work In Restricted Working Space, Add	*17.63*	
23 31 13 13-0217	LF	10" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.28	38.45
		For Seal Class B, Add	*9.61*	
		For Seal Class A, Add	*20.51*	
		For Work In Restricted Working Space, Add	*19.23*	
23 31 13 13-0218	LF	10" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.30	41.66
		For Seal Class B, Add	*10.41*	
		For Seal Class A, Add	*22.22*	
		For Work In Restricted Working Space, Add	*20.83*	
23 31 13 13-0219	LF	10" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	84.33	44.87
		For Seal Class B, Add	*11.22*	
		For Seal Class A, Add	*23.93*	
		For Work In Restricted Working Space, Add	*22.43*	
23 31 13 13-0220	LF	10" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	90.35	48.07
		For Seal Class B, Add	*12.02*	
		For Seal Class A, Add	*25.64*	
		For Work In Restricted Working Space, Add	*24.03*	
23 31 13 13-0221	LF	10" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	96.37	51.27
		For Seal Class B, Add	*12.82*	
		For Seal Class A, Add	*27.34*	
		For Work In Restricted Working Space, Add	*25.64*	
23 31 13 13-0222	LF	10" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	102.39	54.48
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.05*	
		For Work In Restricted Working Space, Add	*27.24*	
23 31 13 13-0223	LF	10" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	108.42	57.68
		For Seal Class B, Add	*14.42*	
		For Seal Class A, Add	*30.76*	
		For Work In Restricted Working Space, Add	*28.84*	
23 31 13 13-0224	LF	10" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	114.45	60.88
		For Seal Class B, Add	*15.22*	
		For Seal Class A, Add	*32.47*	
		For Work In Restricted Working Space, Add	*30.44*	
23 31 13 13-0225	LF	10" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	120.46	64.09
		For Seal Class B, Add	*16.02*	
		For Seal Class A, Add	*34.18*	
		For Work In Restricted Working Space, Add	*32.04*	
23 31 13 13-0226	LF	12" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.28	38.45
		For Seal Class B, Add	*9.61*	
		For Seal Class A, Add	*20.51*	
		For Work In Restricted Working Space, Add	*19.23*	
23 31 13 13-0227	LF	12" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.30	41.66
		For Seal Class B, Add	*10.41*	
		For Seal Class A, Add	*22.22*	
		For Work In Restricted Working Space, Add	*20.83*	
23 31 13 13-0228	LF	12" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	84.33	44.87
		For Seal Class B, Add	*11.22*	
		For Seal Class A, Add	*23.93*	
		For Work In Restricted Working Space, Add	*22.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0229	LF	12" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	90.35	48.07
		For Seal Class B, Add	*12.02*	
		For Seal Class A, Add	*25.64*	
		For Work In Restricted Working Space, Add	*24.03*	
23 31 13 13-0230	LF	12" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	96.37	51.27
		For Seal Class B, Add	*12.82*	
		For Seal Class A, Add	*27.34*	
		For Work In Restricted Working Space, Add	*25.64*	
23 31 13 13-0231	LF	12" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	102.39	54.48
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.05*	
		For Work In Restricted Working Space, Add	*27.24*	
23 31 13 13-0232	LF	12" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	108.42	57.68
		For Seal Class B, Add	*14.42*	
		For Seal Class A, Add	*30.76*	
		For Work In Restricted Working Space, Add	*28.84*	
23 31 13 13-0233	LF	12" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	114.45	60.88
		For Seal Class B, Add	*15.22*	
		For Seal Class A, Add	*32.47*	
		For Work In Restricted Working Space, Add	*30.44*	
23 31 13 13-0234	LF	12" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	120.46	64.09
		For Seal Class B, Add	*16.02*	
		For Seal Class A, Add	*34.18*	
		For Work In Restricted Working Space, Add	*32.04*	
23 31 13 13-0235	LF	12" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	126.48	67.30
		For Seal Class B, Add	*16.82*	
		For Seal Class A, Add	*35.89*	
		For Work In Restricted Working Space, Add	*33.65*	
23 31 13 13-0236	LF	14" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	84.33	44.87
		For Seal Class B, Add	*11.22*	
		For Seal Class A, Add	*23.93*	
		For Work In Restricted Working Space, Add	*22.43*	
23 31 13 13-0237	LF	14" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	90.35	48.07
		For Seal Class B, Add	*12.02*	
		For Seal Class A, Add	*25.64*	
		For Work In Restricted Working Space, Add	*24.03*	
23 31 13 13-0238	LF	14" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	96.37	51.27
		For Seal Class B, Add	*12.82*	
		For Seal Class A, Add	*27.34*	
		For Work In Restricted Working Space, Add	*25.64*	
23 31 13 13-0239	LF	14" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	102.39	54.48
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.05*	
		For Work In Restricted Working Space, Add	*27.24*	
23 31 13 13-0240	LF	14" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	108.42	57.68
		For Seal Class B, Add	*14.42*	
		For Seal Class A, Add	*30.76*	
		For Work In Restricted Working Space, Add	*28.84*	
23 31 13 13-0241	LF	14" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	114.45	60.88
		For Seal Class B, Add	*15.22*	
		For Seal Class A, Add	*32.47*	
		For Work In Restricted Working Space, Add	*30.44*	
23 31 13 13-0242	LF	14" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	120.46	64.09
		For Seal Class B, Add	*16.02*	
		For Seal Class A, Add	*34.18*	
		For Work In Restricted Working Space, Add	*32.04*	
23 31 13 13-0243	LF	14" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	126.48	67.30
		For Seal Class B, Add	*16.82*	
		For Seal Class A, Add	*35.89*	
		For Work In Restricted Working Space, Add	*33.65*	
23 31 13 13-0244	LF	14" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.50	70.49
		For Seal Class B, Add	*17.62*	
		For Seal Class A, Add	*37.60*	
		For Work In Restricted Working Space, Add	*35.25*	
23 31 13 13-0245	LF	16" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	96.37	51.27
		For Seal Class B, Add	*12.82*	
		For Seal Class A, Add	*27.34*	
		For Work In Restricted Working Space, Add	*25.64*	
23 31 13 13-0246	LF	16" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	102.39	54.48
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.05*	
		For Work In Restricted Working Space, Add	*27.24*	
23 31 13 13-0247	LF	16" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	108.42	57.68
		For Seal Class B, Add	*14.42*	
		For Seal Class A, Add	*30.76*	
		For Work In Restricted Working Space, Add	*28.84*	
23 31 13 13-0248	LF	16" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	114.45	60.88
		For Seal Class B, Add	*15.22*	
		For Seal Class A, Add	*32.47*	
		For Work In Restricted Working Space, Add	*30.44*	
23 31 13 13-0249	LF	16" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	120.46	64.09
		For Seal Class B, Add	*16.02*	
		For Seal Class A, Add	*34.18*	
		For Work In Restricted Working Space, Add	*32.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0250	LF	16" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	126.48	67.30
		For Seal Class B, Add	*16.82*	
		For Seal Class A, Add	*35.89*	
		For Work In Restricted Working Space, Add	*33.65*	
23 31 13 13-0251	LF	16" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.50	70.49
		For Seal Class B, Add	*17.62*	
		For Seal Class A, Add	*37.60*	
		For Work In Restricted Working Space, Add	*35.25*	
23 31 13 13-0252	LF	16" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.54	73.70
		For Seal Class B, Add	*18.43*	
		For Seal Class A, Add	*39.31*	
		For Work In Restricted Working Space, Add	*36.85*	
23 31 13 13-0253	LF	18" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	108.42	57.68
		For Seal Class B, Add	*14.42*	
		For Seal Class A, Add	*30.76*	
		For Work In Restricted Working Space, Add	*28.84*	
23 31 13 13-0254	LF	18" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	114.45	60.88
		For Seal Class B, Add	*15.22*	
		For Seal Class A, Add	*32.47*	
		For Work In Restricted Working Space, Add	*30.44*	
23 31 13 13-0255	LF	18" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	120.46	64.09
		For Seal Class B, Add	*16.02*	
		For Seal Class A, Add	*34.18*	
		For Work In Restricted Working Space, Add	*32.04*	
23 31 13 13-0256	LF	18" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	126.48	67.30
		For Seal Class B, Add	*16.82*	
		For Seal Class A, Add	*35.89*	
		For Work In Restricted Working Space, Add	*33.65*	
23 31 13 13-0257	LF	18" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.50	70.49
		For Seal Class B, Add	*17.62*	
		For Seal Class A, Add	*37.60*	
		For Work In Restricted Working Space, Add	*35.25*	
23 31 13 13-0258	LF	18" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.54	73.70
		For Seal Class B, Add	*18.43*	
		For Seal Class A, Add	*39.31*	
		For Work In Restricted Working Space, Add	*36.85*	
23 31 13 13-0259	LF	18" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	144.56	76.91
		For Seal Class B, Add	*19.23*	
		For Seal Class A, Add	*41.02*	
		For Work In Restricted Working Space, Add	*38.45*	
23 31 13 13-0260	LF	20" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	120.46	64.09
		For Seal Class B, Add	*16.02*	
		For Seal Class A, Add	*34.18*	
		For Work In Restricted Working Space, Add	*32.04*	
23 31 13 13-0261	LF	20" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	126.48	67.30
		For Seal Class B, Add	*16.82*	
		For Seal Class A, Add	*35.89*	
		For Work In Restricted Working Space, Add	*33.65*	
23 31 13 13-0262	LF	20" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.50	70.49
		For Seal Class B, Add	*17.62*	
		For Seal Class A, Add	*37.60*	
		For Work In Restricted Working Space, Add	*35.25*	
23 31 13 13-0263	LF	20" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.54	73.70
		For Seal Class B, Add	*18.43*	
		For Seal Class A, Add	*39.31*	
		For Work In Restricted Working Space, Add	*36.85*	
23 31 13 13-0264	LF	20" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	144.56	76.91
		For Seal Class B, Add	*19.23*	
		For Seal Class A, Add	*41.02*	
		For Work In Restricted Working Space, Add	*38.45*	
23 31 13 13-0265	LF	20" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	150.58	80.11
		For Seal Class B, Add	*20.03*	
		For Seal Class A, Add	*42.73*	
		For Work In Restricted Working Space, Add	*40.06*	
23 31 13 13-0266	LF	22" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.50	70.49
		For Seal Class B, Add	*17.62*	
		For Seal Class A, Add	*37.60*	
		For Work In Restricted Working Space, Add	*35.25*	
23 31 13 13-0267	LF	22" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.54	73.70
		For Seal Class B, Add	*18.43*	
		For Seal Class A, Add	*39.31*	
		For Work In Restricted Working Space, Add	*36.85*	
23 31 13 13-0268	LF	22" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	144.56	76.91
		For Seal Class B, Add	*19.23*	
		For Seal Class A, Add	*41.02*	
		For Work In Restricted Working Space, Add	*38.45*	
23 31 13 13-0269	LF	22" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	150.58	80.11
		For Seal Class B, Add	*20.03*	
		For Seal Class A, Add	*42.73*	
		For Work In Restricted Working Space, Add	*40.06*	
23 31 13 13-0270	LF	22" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.61	83.32
		For Seal Class B, Add	*20.83*	
		For Seal Class A, Add	*44.44*	
		For Work In Restricted Working Space, Add	*41.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0271	LF	24" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	144.56	76.91
		For Seal Class B, Add	*19.23*	
		For Seal Class A, Add	*41.02*	
		For Work In Restricted Working Space, Add	*38.45*	
23 31 13 13-0272	LF	24" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	150.58	80.11
		For Seal Class B, Add	*20.03*	
		For Seal Class A, Add	*42.73*	
		For Work In Restricted Working Space, Add	*40.06*	
23 31 13 13-0273	LF	24" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.61	83.32
		For Seal Class B, Add	*20.83*	
		For Seal Class A, Add	*44.44*	
		For Work In Restricted Working Space, Add	*41.66*	
23 31 13 13-0274	LF	24" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	162.63	86.53
		For Seal Class B, Add	*21.63*	
		For Seal Class A, Add	*46.14*	
		For Work In Restricted Working Space, Add	*43.26*	
23 31 13 13-0275	LF	26" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.61	83.32
		For Seal Class B, Add	*20.83*	
		For Seal Class A, Add	*44.44*	
		For Work In Restricted Working Space, Add	*41.66*	
23 31 13 13-0276	LF	26" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	162.63	86.53
		For Seal Class B, Add	*21.63*	
		For Seal Class A, Add	*46.14*	
		For Work In Restricted Working Space, Add	*43.26*	
23 31 13 13-0277	LF	26" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.65	89.72
		For Seal Class B, Add	*22.43*	
		For Seal Class A, Add	*47.85*	
		For Work In Restricted Working Space, Add	*44.86*	
23 31 13 13-0278	LF	28" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.65	89.72
		For Seal Class B, Add	*22.43*	
		For Seal Class A, Add	*47.85*	
		For Work In Restricted Working Space, Add	*44.86*	
23 31 13 13-0279	LF	28" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.67	92.93
		For Seal Class B, Add	*23.23*	
		For Seal Class A, Add	*49.56*	
		For Work In Restricted Working Space, Add	*46.46*	
23 31 13 13-0280	LF	30" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	180.71	96.14
		For Seal Class B, Add	*24.03*	
		For Seal Class A, Add	*51.27*	
		For Work In Restricted Working Space, Add	*48.07*	
23 31 13 13-0281		**22 Gauge Galvanized Steel Metal Ductwork** *(23 31 13 13-0014)*		
23 31 13 13-0282	LF	4" x 4", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	24.69	12.82
		For Seal Class B, Add	*3.21*	
		For Seal Class A, Add	*6.84*	
		For Work In Restricted Working Space, Add	*6.41*	
23 31 13 13-0283	LF	4" x 6", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	30.86	16.02
		For Seal Class B, Add	*4.01*	
		For Seal Class A, Add	*8.55*	
		For Work In Restricted Working Space, Add	*8.01*	
23 31 13 13-0284	LF	4" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.02	19.23
		For Seal Class B, Add	*4.81*	
		For Seal Class A, Add	*10.25*	
		For Work In Restricted Working Space, Add	*9.61*	
23 31 13 13-0285	LF	4" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.19	22.43
		For Seal Class B, Add	*5.61*	
		For Seal Class A, Add	*11.96*	
		For Work In Restricted Working Space, Add	*11.21*	
23 31 13 13-0286	LF	4" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.37	25.64
		For Seal Class B, Add	*6.41*	
		For Seal Class A, Add	*13.67*	
		For Work In Restricted Working Space, Add	*12.82*	
23 31 13 13-0287	LF	4" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	55.54	28.84
		For Seal Class B, Add	*7.21*	
		For Seal Class A, Add	*15.38*	
		For Work In Restricted Working Space, Add	*14.42*	
23 31 13 13-0288	LF	4" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.71	32.04
		For Seal Class B, Add	*8.01*	
		For Seal Class A, Add	*17.09*	
		For Work In Restricted Working Space, Add	*16.02*	
23 31 13 13-0289	LF	6" x 6", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.02	19.23
		For Seal Class B, Add	*4.81*	
		For Seal Class A, Add	*10.25*	
		For Work In Restricted Working Space, Add	*9.61*	
23 31 13 13-0290	LF	6" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.19	22.43
		For Seal Class B, Add	*5.61*	
		For Seal Class A, Add	*11.96*	
		For Work In Restricted Working Space, Add	*11.21*	
23 31 13 13-0291	LF	6" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.37	25.64
		For Seal Class B, Add	*6.41*	
		For Seal Class A, Add	*13.67*	
		For Work In Restricted Working Space, Add	*12.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0292	LF	6" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	55.54	28.84
		For Seal Class B, Add	*7.21*	
		For Seal Class A, Add	*15.38*	
		For Work In Restricted Working Space, Add	*14.42*	
23 31 13 13-0293	LF	6" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.71	32.04
		For Seal Class B, Add	*8.01*	
		For Seal Class A, Add	*17.09*	
		For Work In Restricted Working Space, Add	*16.02*	
23 31 13 13-0294	LF	6" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.88	35.25
		For Seal Class B, Add	*8.81*	
		For Seal Class A, Add	*18.80*	
		For Work In Restricted Working Space, Add	*17.63*	
23 31 13 13-0295	LF	8" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	49.37	25.64
		For Seal Class B, Add	*6.41*	
		For Seal Class A, Add	*13.67*	
		For Work In Restricted Working Space, Add	*12.82*	
23 31 13 13-0296	LF	8" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	55.54	28.84
		For Seal Class B, Add	*7.21*	
		For Seal Class A, Add	*15.38*	
		For Work In Restricted Working Space, Add	*14.42*	
23 31 13 13-0297	LF	8" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.71	32.04
		For Seal Class B, Add	*8.01*	
		For Seal Class A, Add	*17.09*	
		For Work In Restricted Working Space, Add	*16.02*	
23 31 13 13-0298	LF	8" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.88	35.25
		For Seal Class B, Add	*8.81*	
		For Seal Class A, Add	*18.80*	
		For Work In Restricted Working Space, Add	*17.63*	
23 31 13 13-0299	LF	8" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	74.05	38.45
		For Seal Class B, Add	*9.61*	
		For Seal Class A, Add	*20.51*	
		For Work In Restricted Working Space, Add	*19.23*	
23 31 13 13-0300	LF	8" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.22	41.66
		For Seal Class B, Add	*10.41*	
		For Seal Class A, Add	*22.22*	
		For Work In Restricted Working Space, Add	*20.83*	
23 31 13 13-0301	LF	8" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	86.39	44.87
		For Seal Class B, Add	*11.22*	
		For Seal Class A, Add	*23.93*	
		For Work In Restricted Working Space, Add	*22.43*	
23 31 13 13-0302	LF	8" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	92.56	48.07
		For Seal Class B, Add	*12.02*	
		For Seal Class A, Add	*25.64*	
		For Work In Restricted Working Space, Add	*24.03*	
23 31 13 13-0303	LF	8" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	98.73	51.27
		For Seal Class B, Add	*12.82*	
		For Seal Class A, Add	*27.34*	
		For Work In Restricted Working Space, Add	*25.64*	
23 31 13 13-0304	LF	10" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.71	32.04
		For Seal Class B, Add	*8.01*	
		For Seal Class A, Add	*17.09*	
		For Work In Restricted Working Space, Add	*16.02*	
23 31 13 13-0305	LF	10" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	67.88	35.25
		For Seal Class B, Add	*8.81*	
		For Seal Class A, Add	*18.80*	
		For Work In Restricted Working Space, Add	*17.63*	
23 31 13 13-0306	LF	10" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	74.05	38.45
		For Seal Class B, Add	*9.61*	
		For Seal Class A, Add	*20.51*	
		For Work In Restricted Working Space, Add	*19.23*	
23 31 13 13-0307	LF	10" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.22	41.66
		For Seal Class B, Add	*10.41*	
		For Seal Class A, Add	*22.22*	
		For Work In Restricted Working Space, Add	*20.83*	
23 31 13 13-0308	LF	10" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	86.39	44.87
		For Seal Class B, Add	*11.22*	
		For Seal Class A, Add	*23.93*	
		For Work In Restricted Working Space, Add	*22.43*	
23 31 13 13-0309	LF	10" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	92.56	48.07
		For Seal Class B, Add	*12.02*	
		For Seal Class A, Add	*25.64*	
		For Work In Restricted Working Space, Add	*24.03*	
23 31 13 13-0310	LF	10" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	98.73	51.27
		For Seal Class B, Add	*12.82*	
		For Seal Class A, Add	*27.34*	
		For Work In Restricted Working Space, Add	*25.64*	
23 31 13 13-0311	LF	10" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	104.90	54.48
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.05*	
		For Work In Restricted Working Space, Add	*27.24*	
23 31 13 13-0312	LF	10" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	111.08	57.68
		For Seal Class B, Add	*14.42*	
		For Seal Class A, Add	*30.76*	
		For Work In Restricted Working Space, Add	*28.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0313	LF	10" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.25	60.88
		For Seal Class B, Add	*15.22*	
		For Seal Class A, Add	*32.47*	
		For Work In Restricted Working Space, Add	*30.44*	
23 31 13 13-0314	LF	10" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.41	64.09
		For Seal Class B, Add	*16.02*	
		For Seal Class A, Add	*34.18*	
		For Work In Restricted Working Space, Add	*32.04*	
23 31 13 13-0315	LF	10" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.58	67.30
		For Seal Class B, Add	*16.82*	
		For Seal Class A, Add	*35.89*	
		For Work In Restricted Working Space, Add	*33.65*	
23 31 13 13-0316	LF	12" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	74.05	38.45
		For Seal Class B, Add	*9.61*	
		For Seal Class A, Add	*20.51*	
		For Work In Restricted Working Space, Add	*19.23*	
23 31 13 13-0317	LF	12" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.22	41.66
		For Seal Class B, Add	*10.41*	
		For Seal Class A, Add	*22.22*	
		For Work In Restricted Working Space, Add	*20.83*	
23 31 13 13-0318	LF	12" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	86.39	44.87
		For Seal Class B, Add	*11.22*	
		For Seal Class A, Add	*23.93*	
		For Work In Restricted Working Space, Add	*22.43*	
23 31 13 13-0319	LF	12" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	92.56	48.07
		For Seal Class B, Add	*12.02*	
		For Seal Class A, Add	*25.64*	
		For Work In Restricted Working Space, Add	*24.03*	
23 31 13 13-0320	LF	12" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	98.73	51.27
		For Seal Class B, Add	*12.82*	
		For Seal Class A, Add	*27.34*	
		For Work In Restricted Working Space, Add	*25.64*	
23 31 13 13-0321	LF	12" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	104.90	54.48
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.05*	
		For Work In Restricted Working Space, Add	*27.24*	
23 31 13 13-0322	LF	12" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	111.08	57.68
		For Seal Class B, Add	*14.42*	
		For Seal Class A, Add	*30.76*	
		For Work In Restricted Working Space, Add	*28.84*	
23 31 13 13-0323	LF	12" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.25	60.88
		For Seal Class B, Add	*15.22*	
		For Seal Class A, Add	*32.47*	
		For Work In Restricted Working Space, Add	*30.44*	
23 31 13 13-0324	LF	12" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.41	64.09
		For Seal Class B, Add	*16.02*	
		For Seal Class A, Add	*34.18*	
		For Work In Restricted Working Space, Add	*32.04*	
23 31 13 13-0325	LF	12" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.58	67.30
		For Seal Class B, Add	*16.82*	
		For Seal Class A, Add	*35.89*	
		For Work In Restricted Working Space, Add	*33.65*	
23 31 13 13-0326	LF	12" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	135.75	70.49
		For Seal Class B, Add	*17.62*	
		For Seal Class A, Add	*37.60*	
		For Work In Restricted Working Space, Add	*35.25*	
23 31 13 13-0327	LF	12" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.93	73.70
		For Seal Class B, Add	*18.43*	
		For Seal Class A, Add	*39.31*	
		For Work In Restricted Working Space, Add	*36.85*	
23 31 13 13-0328	LF	12" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.10	76.91
		For Seal Class B, Add	*19.23*	
		For Seal Class A, Add	*41.02*	
		For Work In Restricted Working Space, Add	*38.45*	
23 31 13 13-0329	LF	14" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	86.39	44.87
		For Seal Class B, Add	*11.22*	
		For Seal Class A, Add	*23.93*	
		For Work In Restricted Working Space, Add	*22.43*	
23 31 13 13-0330	LF	14" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	92.56	48.07
		For Seal Class B, Add	*12.02*	
		For Seal Class A, Add	*25.64*	
		For Work In Restricted Working Space, Add	*24.03*	
23 31 13 13-0331	LF	14" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	98.73	51.27
		For Seal Class B, Add	*12.82*	
		For Seal Class A, Add	*27.34*	
		For Work In Restricted Working Space, Add	*25.64*	
23 31 13 13-0332	LF	14" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	104.90	54.48
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.05*	
		For Work In Restricted Working Space, Add	*27.24*	
23 31 13 13-0333	LF	14" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	111.08	57.68
		For Seal Class B, Add	*14.42*	
		For Seal Class A, Add	*30.76*	
		For Work In Restricted Working Space, Add	*28.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0334	LF	14" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.25	60.88
		For Seal Class B, Add	*15.22*	
		For Seal Class A, Add	*32.47*	
		For Work In Restricted Working Space, Add	*30.44*	
23 31 13 13-0335	LF	14" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.41	64.09
		For Seal Class B, Add	*16.02*	
		For Seal Class A, Add	*34.18*	
		For Work In Restricted Working Space, Add	*32.04*	
23 31 13 13-0336	LF	14" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.58	67.30
		For Seal Class B, Add	*16.82*	
		For Seal Class A, Add	*35.89*	
		For Work In Restricted Working Space, Add	*33.65*	
23 31 13 13-0337	LF	14" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	135.75	70.49
		For Seal Class B, Add	*17.62*	
		For Seal Class A, Add	*37.60*	
		For Work In Restricted Working Space, Add	*35.25*	
23 31 13 13-0338	LF	14" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.93	73.70
		For Seal Class B, Add	*18.43*	
		For Seal Class A, Add	*39.31*	
		For Work In Restricted Working Space, Add	*36.85*	
23 31 13 13-0339	LF	14" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.10	76.91
		For Seal Class B, Add	*19.23*	
		For Seal Class A, Add	*41.02*	
		For Work In Restricted Working Space, Add	*38.45*	
23 31 13 13-0340	LF	14" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	154.27	80.11
		For Seal Class B, Add	*20.03*	
		For Seal Class A, Add	*42.73*	
		For Work In Restricted Working Space, Add	*40.06*	
23 31 13 13-0341	LF	16" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	98.73	51.27
		For Seal Class B, Add	*12.82*	
		For Seal Class A, Add	*27.34*	
		For Work In Restricted Working Space, Add	*25.64*	
23 31 13 13-0342	LF	16" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	104.90	54.48
		For Seal Class B, Add	*13.62*	
		For Seal Class A, Add	*29.05*	
		For Work In Restricted Working Space, Add	*27.24*	
23 31 13 13-0343	LF	16" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	111.08	57.68
		For Seal Class B, Add	*14.42*	
		For Seal Class A, Add	*30.76*	
		For Work In Restricted Working Space, Add	*28.84*	
23 31 13 13-0344	LF	16" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.25	60.88
		For Seal Class B, Add	*15.22*	
		For Seal Class A, Add	*32.47*	
		For Work In Restricted Working Space, Add	*30.44*	
23 31 13 13-0345	LF	16" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.41	64.09
		For Seal Class B, Add	*16.02*	
		For Seal Class A, Add	*34.18*	
		For Work In Restricted Working Space, Add	*32.04*	
23 31 13 13-0346	LF	16" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.58	67.30
		For Seal Class B, Add	*16.82*	
		For Seal Class A, Add	*35.89*	
		For Work In Restricted Working Space, Add	*33.65*	
23 31 13 13-0347	LF	16" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	135.75	70.49
		For Seal Class B, Add	*17.62*	
		For Seal Class A, Add	*37.60*	
		For Work In Restricted Working Space, Add	*35.25*	
23 31 13 13-0348	LF	16" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.93	73.70
		For Seal Class B, Add	*18.43*	
		For Seal Class A, Add	*39.31*	
		For Work In Restricted Working Space, Add	*36.85*	
23 31 13 13-0349	LF	16" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.10	76.91
		For Seal Class B, Add	*19.23*	
		For Seal Class A, Add	*41.02*	
		For Work In Restricted Working Space, Add	*38.45*	
23 31 13 13-0350	LF	16" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	154.27	80.11
		For Seal Class B, Add	*20.03*	
		For Seal Class A, Add	*42.73*	
		For Work In Restricted Working Space, Add	*40.06*	
23 31 13 13-0351	LF	16" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.44	83.32
		For Seal Class B, Add	*20.83*	
		For Seal Class A, Add	*44.44*	
		For Work In Restricted Working Space, Add	*41.66*	
23 31 13 13-0352	LF	16" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	166.61	86.53
		For Seal Class B, Add	*21.63*	
		For Seal Class A, Add	*46.14*	
		For Work In Restricted Working Space, Add	*43.26*	
23 31 13 13-0353	LF	16" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.78	89.72
		For Seal Class B, Add	*22.43*	
		For Seal Class A, Add	*47.85*	
		For Work In Restricted Working Space, Add	*44.86*	
23 31 13 13-0354	LF	16" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	178.95	92.93
		For Seal Class B, Add	*23.23*	
		For Seal Class A, Add	*49.56*	
		For Work In Restricted Working Space, Add	*46.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0355	LF	16" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.13	96.14
		For Seal Class B, Add	*24.03*	
		For Seal Class A, Add	*51.27*	
		For Work In Restricted Working Space, Add	*48.07*	
23 31 13 13-0356	LF	18" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	111.08	57.68
		For Seal Class B, Add	*14.42*	
		For Seal Class A, Add	*30.76*	
		For Work In Restricted Working Space, Add	*28.84*	
23 31 13 13-0357	LF	18" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.25	60.88
		For Seal Class B, Add	*15.22*	
		For Seal Class A, Add	*32.47*	
		For Work In Restricted Working Space, Add	*30.44*	
23 31 13 13-0358	LF	18" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.41	64.09
		For Seal Class B, Add	*16.02*	
		For Seal Class A, Add	*34.18*	
		For Work In Restricted Working Space, Add	*32.04*	
23 31 13 13-0359	LF	18" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.58	67.30
		For Seal Class B, Add	*16.82*	
		For Seal Class A, Add	*35.89*	
		For Work In Restricted Working Space, Add	*33.65*	
23 31 13 13-0360	LF	18" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	135.75	70.49
		For Seal Class B, Add	*17.62*	
		For Seal Class A, Add	*37.60*	
		For Work In Restricted Working Space, Add	*35.25*	
23 31 13 13-0361	LF	18" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.93	73.70
		For Seal Class B, Add	*18.43*	
		For Seal Class A, Add	*39.31*	
		For Work In Restricted Working Space, Add	*36.85*	
23 31 13 13-0362	LF	18" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.10	76.91
		For Seal Class B, Add	*19.23*	
		For Seal Class A, Add	*41.02*	
		For Work In Restricted Working Space, Add	*38.45*	
23 31 13 13-0363	LF	18" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	154.27	80.11
		For Seal Class B, Add	*20.03*	
		For Seal Class A, Add	*42.73*	
		For Work In Restricted Working Space, Add	*40.06*	
23 31 13 13-0364	LF	18" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.44	83.32
		For Seal Class B, Add	*20.83*	
		For Seal Class A, Add	*44.44*	
		For Work In Restricted Working Space, Add	*41.66*	
23 31 13 13-0365	LF	18" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	166.61	86.53
		For Seal Class B, Add	*21.63*	
		For Seal Class A, Add	*46.14*	
		For Work In Restricted Working Space, Add	*43.26*	
23 31 13 13-0366	LF	18" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.78	89.72
		For Seal Class B, Add	*22.43*	
		For Seal Class A, Add	*47.85*	
		For Work In Restricted Working Space, Add	*44.86*	
23 31 13 13-0367	LF	18" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	178.95	92.93
		For Seal Class B, Add	*23.23*	
		For Seal Class A, Add	*49.56*	
		For Work In Restricted Working Space, Add	*46.46*	
23 31 13 13-0368	LF	18" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.13	96.14
		For Seal Class B, Add	*24.03*	
		For Seal Class A, Add	*51.27*	
		For Work In Restricted Working Space, Add	*48.07*	
23 31 13 13-0369	LF	18" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	191.29	99.34
		For Seal Class B, Add	*24.83*	
		For Seal Class A, Add	*52.98*	
		For Work In Restricted Working Space, Add	*49.67*	
23 31 13 13-0370	LF	18" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.46	102.54
		For Seal Class B, Add	*25.64*	
		For Seal Class A, Add	*54.69*	
		For Work In Restricted Working Space, Add	*51.27*	
23 31 13 13-0371	LF	20" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.41	64.09
		For Seal Class B, Add	*16.02*	
		For Seal Class A, Add	*34.18*	
		For Work In Restricted Working Space, Add	*32.04*	
23 31 13 13-0372	LF	20" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.58	67.30
		For Seal Class B, Add	*16.82*	
		For Seal Class A, Add	*35.89*	
		For Work In Restricted Working Space, Add	*33.65*	
23 31 13 13-0373	LF	20" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	135.75	70.49
		For Seal Class B, Add	*17.62*	
		For Seal Class A, Add	*37.60*	
		For Work In Restricted Working Space, Add	*35.25*	
23 31 13 13-0374	LF	20" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.93	73.70
		For Seal Class B, Add	*18.43*	
		For Seal Class A, Add	*39.31*	
		For Work In Restricted Working Space, Add	*36.85*	
23 31 13 13-0375	LF	20" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.10	76.91
		For Seal Class B, Add	*19.23*	
		For Seal Class A, Add	*41.02*	
		For Work In Restricted Working Space, Add	*38.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0376	LF	20" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	154.27	80.11
		For Seal Class B, Add	*20.03*	
		For Seal Class A, Add	*42.73*	
		For Work In Restricted Working Space, Add	*40.06*	
23 31 13 13-0377	LF	20" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.44	83.32
		For Seal Class B, Add	*20.83*	
		For Seal Class A, Add	*44.44*	
		For Work In Restricted Working Space, Add	*41.66*	
23 31 13 13-0378	LF	20" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	166.61	86.53
		For Seal Class B, Add	*21.63*	
		For Seal Class A, Add	*46.14*	
		For Work In Restricted Working Space, Add	*43.26*	
23 31 13 13-0379	LF	20" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.78	89.72
		For Seal Class B, Add	*22.43*	
		For Seal Class A, Add	*47.85*	
		For Work In Restricted Working Space, Add	*44.86*	
23 31 13 13-0380	LF	20" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	178.95	92.93
		For Seal Class B, Add	*23.23*	
		For Seal Class A, Add	*49.56*	
		For Work In Restricted Working Space, Add	*46.46*	
23 31 13 13-0381	LF	20" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.13	96.14
		For Seal Class B, Add	*24.03*	
		For Seal Class A, Add	*51.27*	
		For Work In Restricted Working Space, Add	*48.07*	
23 31 13 13-0382	LF	20" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	191.29	99.34
		For Seal Class B, Add	*24.83*	
		For Seal Class A, Add	*52.98*	
		For Work In Restricted Working Space, Add	*49.67*	
23 31 13 13-0383	LF	20" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.46	102.54
		For Seal Class B, Add	*25.64*	
		For Seal Class A, Add	*54.69*	
		For Work In Restricted Working Space, Add	*51.27*	
23 31 13 13-0384	LF	20" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.64	105.75
		For Seal Class B, Add	*26.44*	
		For Seal Class A, Add	*56.40*	
		For Work In Restricted Working Space, Add	*52.88*	
23 31 13 13-0385	LF	20" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	209.81	108.95
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.11*	
		For Work In Restricted Working Space, Add	*54.48*	
23 31 13 13-0386	LF	22" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	135.75	70.49
		For Seal Class B, Add	*17.62*	
		For Seal Class A, Add	*37.60*	
		For Work In Restricted Working Space, Add	*35.25*	
23 31 13 13-0387	LF	22" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.93	73.70
		For Seal Class B, Add	*18.43*	
		For Seal Class A, Add	*39.31*	
		For Work In Restricted Working Space, Add	*36.85*	
23 31 13 13-0388	LF	22" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.10	76.91
		For Seal Class B, Add	*19.23*	
		For Seal Class A, Add	*41.02*	
		For Work In Restricted Working Space, Add	*38.45*	
23 31 13 13-0389	LF	22" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	154.27	80.11
		For Seal Class B, Add	*20.03*	
		For Seal Class A, Add	*42.73*	
		For Work In Restricted Working Space, Add	*40.06*	
23 31 13 13-0390	LF	22" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.44	83.32
		For Seal Class B, Add	*20.83*	
		For Seal Class A, Add	*44.44*	
		For Work In Restricted Working Space, Add	*41.66*	
23 31 13 13-0391	LF	22" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	166.61	86.53
		For Seal Class B, Add	*21.63*	
		For Seal Class A, Add	*46.14*	
		For Work In Restricted Working Space, Add	*43.26*	
23 31 13 13-0392	LF	22" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.78	89.72
		For Seal Class B, Add	*22.43*	
		For Seal Class A, Add	*47.85*	
		For Work In Restricted Working Space, Add	*44.86*	
23 31 13 13-0393	LF	22" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	178.95	92.93
		For Seal Class B, Add	*23.23*	
		For Seal Class A, Add	*49.56*	
		For Work In Restricted Working Space, Add	*46.46*	
23 31 13 13-0394	LF	22" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.13	96.14
		For Seal Class B, Add	*24.03*	
		For Seal Class A, Add	*51.27*	
		For Work In Restricted Working Space, Add	*48.07*	
23 31 13 13-0395	LF	22" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	191.29	99.34
		For Seal Class B, Add	*24.83*	
		For Seal Class A, Add	*52.98*	
		For Work In Restricted Working Space, Add	*49.67*	
23 31 13 13-0396	LF	22" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.46	102.54
		For Seal Class B, Add	*25.64*	
		For Seal Class A, Add	*54.69*	
		For Work In Restricted Working Space, Add	*51.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0397	LF	22" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.64	105.75
		For Seal Class B, Add	*26.44*	
		For Seal Class A, Add	*56.40*	
		For Work In Restricted Working Space, Add	*52.88*	
23 31 13 13-0398	LF	22" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	209.81	108.95
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.11*	
		For Work In Restricted Working Space, Add	*54.48*	
23 31 13 13-0399	LF	22" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.97	112.15
		For Seal Class B, Add	*28.04*	
		For Seal Class A, Add	*59.81*	
		For Work In Restricted Working Space, Add	*56.08*	
23 31 13 13-0400	LF	24" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.10	76.91
		For Seal Class B, Add	*19.23*	
		For Seal Class A, Add	*41.02*	
		For Work In Restricted Working Space, Add	*38.45*	
23 31 13 13-0401	LF	24" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	154.27	80.11
		For Seal Class B, Add	*20.03*	
		For Seal Class A, Add	*42.73*	
		For Work In Restricted Working Space, Add	*40.06*	
23 31 13 13-0402	LF	24" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.44	83.32
		For Seal Class B, Add	*20.83*	
		For Seal Class A, Add	*44.44*	
		For Work In Restricted Working Space, Add	*41.66*	
23 31 13 13-0403	LF	24" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	166.61	86.53
		For Seal Class B, Add	*21.63*	
		For Seal Class A, Add	*46.14*	
		For Work In Restricted Working Space, Add	*43.26*	
23 31 13 13-0404	LF	24" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.78	89.72
		For Seal Class B, Add	*22.43*	
		For Seal Class A, Add	*47.85*	
		For Work In Restricted Working Space, Add	*44.86*	
23 31 13 13-0405	LF	24" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	178.95	92.93
		For Seal Class B, Add	*23.23*	
		For Seal Class A, Add	*49.56*	
		For Work In Restricted Working Space, Add	*46.46*	
23 31 13 13-0406	LF	24" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.13	96.14
		For Seal Class B, Add	*24.03*	
		For Seal Class A, Add	*51.27*	
		For Work In Restricted Working Space, Add	*48.07*	
23 31 13 13-0407	LF	24" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	191.29	99.34
		For Seal Class B, Add	*24.83*	
		For Seal Class A, Add	*52.98*	
		For Work In Restricted Working Space, Add	*49.67*	
23 31 13 13-0408	LF	24" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.46	102.54
		For Seal Class B, Add	*25.64*	
		For Seal Class A, Add	*54.69*	
		For Work In Restricted Working Space, Add	*51.27*	
23 31 13 13-0409	LF	24" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.64	105.75
		For Seal Class B, Add	*26.44*	
		For Seal Class A, Add	*56.40*	
		For Work In Restricted Working Space, Add	*52.88*	
23 31 13 13-0410	LF	24" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	209.81	108.95
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.11*	
		For Work In Restricted Working Space, Add	*54.48*	
23 31 13 13-0411	LF	24" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.97	112.15
		For Seal Class B, Add	*28.04*	
		For Seal Class A, Add	*59.81*	
		For Work In Restricted Working Space, Add	*56.08*	
23 31 13 13-0412	LF	24" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	222.14	115.36
		For Seal Class B, Add	*28.84*	
		For Seal Class A, Add	*61.52*	
		For Work In Restricted Working Space, Add	*57.68*	
23 31 13 13-0413	LF	26" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.44	83.32
		For Seal Class B, Add	*20.83*	
		For Seal Class A, Add	*44.44*	
		For Work In Restricted Working Space, Add	*41.66*	
23 31 13 13-0414	LF	26" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	166.61	86.53
		For Seal Class B, Add	*21.63*	
		For Seal Class A, Add	*46.14*	
		For Work In Restricted Working Space, Add	*43.26*	
23 31 13 13-0415	LF	26" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.78	89.72
		For Seal Class B, Add	*22.43*	
		For Seal Class A, Add	*47.85*	
		For Work In Restricted Working Space, Add	*44.86*	
23 31 13 13-0416	LF	26" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	178.95	92.93
		For Seal Class B, Add	*23.23*	
		For Seal Class A, Add	*49.56*	
		For Work In Restricted Working Space, Add	*46.46*	
23 31 13 13-0417	LF	26" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.13	96.14
		For Seal Class B, Add	*24.03*	
		For Seal Class A, Add	*51.27*	
		For Work In Restricted Working Space, Add	*48.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0418	LF	26" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	191.29	99.34
		For Seal Class B, Add	*24.83*	
		For Seal Class A, Add	*52.98*	
		For Work In Restricted Working Space, Add	*49.67*	
23 31 13 13-0419	LF	26" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.46	102.54
		For Seal Class B, Add	*25.64*	
		For Seal Class A, Add	*54.69*	
		For Work In Restricted Working Space, Add	*51.27*	
23 31 13 13-0420	LF	26" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.64	105.75
		For Seal Class B, Add	*26.44*	
		For Seal Class A, Add	*56.40*	
		For Work In Restricted Working Space, Add	*52.88*	
23 31 13 13-0421	LF	26" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	209.81	108.95
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.11*	
		For Work In Restricted Working Space, Add	*54.48*	
23 31 13 13-0422	LF	26" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.97	112.15
		For Seal Class B, Add	*28.04*	
		For Seal Class A, Add	*59.81*	
		For Work In Restricted Working Space, Add	*56.08*	
23 31 13 13-0423	LF	26" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	222.14	115.36
		For Seal Class B, Add	*28.84*	
		For Seal Class A, Add	*61.52*	
		For Work In Restricted Working Space, Add	*57.68*	
23 31 13 13-0424	LF	26" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	228.32	118.57
		For Seal Class B, Add	*29.64*	
		For Seal Class A, Add	*63.24*	
		For Work In Restricted Working Space, Add	*59.28*	
23 31 13 13-0425	LF	28" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	172.78	89.72
		For Seal Class B, Add	*22.43*	
		For Seal Class A, Add	*47.85*	
		For Work In Restricted Working Space, Add	*44.86*	
23 31 13 13-0426	LF	28" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	178.95	92.93
		For Seal Class B, Add	*23.23*	
		For Seal Class A, Add	*49.56*	
		For Work In Restricted Working Space, Add	*46.46*	
23 31 13 13-0427	LF	28" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.13	96.14
		For Seal Class B, Add	*24.03*	
		For Seal Class A, Add	*51.27*	
		For Work In Restricted Working Space, Add	*48.07*	
23 31 13 13-0428	LF	28" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	191.29	99.34
		For Seal Class B, Add	*24.83*	
		For Seal Class A, Add	*52.98*	
		For Work In Restricted Working Space, Add	*49.67*	
23 31 13 13-0429	LF	28" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.46	102.54
		For Seal Class B, Add	*25.64*	
		For Seal Class A, Add	*54.69*	
		For Work In Restricted Working Space, Add	*51.27*	
23 31 13 13-0430	LF	28" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.64	105.75
		For Seal Class B, Add	*26.44*	
		For Seal Class A, Add	*56.40*	
		For Work In Restricted Working Space, Add	*52.88*	
23 31 13 13-0431	LF	28" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	209.81	108.95
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.11*	
		For Work In Restricted Working Space, Add	*54.48*	
23 31 13 13-0432	LF	28" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.97	112.15
		For Seal Class B, Add	*28.04*	
		For Seal Class A, Add	*59.81*	
		For Work In Restricted Working Space, Add	*56.08*	
23 31 13 13-0433	LF	28" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	222.14	115.36
		For Seal Class B, Add	*28.84*	
		For Seal Class A, Add	*61.52*	
		For Work In Restricted Working Space, Add	*57.68*	
23 31 13 13-0434	LF	28" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	228.32	118.57
		For Seal Class B, Add	*29.64*	
		For Seal Class A, Add	*63.24*	
		For Work In Restricted Working Space, Add	*59.28*	
23 31 13 13-0435	LF	28" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.50	121.77
		For Seal Class B, Add	*30.44*	
		For Seal Class A, Add	*64.95*	
		For Work In Restricted Working Space, Add	*60.89*	
23 31 13 13-0436	LF	30" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	185.13	96.14
		For Seal Class B, Add	*24.03*	
		For Seal Class A, Add	*51.27*	
		For Work In Restricted Working Space, Add	*48.07*	
23 31 13 13-0437	LF	30" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	191.29	99.34
		For Seal Class B, Add	*24.83*	
		For Seal Class A, Add	*52.98*	
		For Work In Restricted Working Space, Add	*49.67*	
23 31 13 13-0438	LF	30" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.46	102.54
		For Seal Class B, Add	*25.64*	
		For Seal Class A, Add	*54.69*	
		For Work In Restricted Working Space, Add	*51.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0439	LF	30" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.64	105.75
		For Seal Class B, Add	*26.44*	
		For Seal Class A, Add	*56.40*	
		For Work In Restricted Working Space, Add	*52.88*	
23 31 13 13-0440	LF	30" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	209.81	108.95
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.11*	
		For Work In Restricted Working Space, Add	*54.48*	
23 31 13 13-0441	LF	30" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.97	112.15
		For Seal Class B, Add	*28.04*	
		For Seal Class A, Add	*59.81*	
		For Work In Restricted Working Space, Add	*56.08*	
23 31 13 13-0442	LF	30" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	222.14	115.36
		For Seal Class B, Add	*28.84*	
		For Seal Class A, Add	*61.52*	
		For Work In Restricted Working Space, Add	*57.68*	
23 31 13 13-0443	LF	30" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	228.32	118.57
		For Seal Class B, Add	*29.64*	
		For Seal Class A, Add	*63.24*	
		For Work In Restricted Working Space, Add	*59.28*	
23 31 13 13-0444	LF	30" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.50	121.77
		For Seal Class B, Add	*30.44*	
		For Seal Class A, Add	*64.95*	
		For Work In Restricted Working Space, Add	*60.89*	
23 31 13 13-0445	LF	30" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	240.66	124.98
		For Seal Class B, Add	*31.24*	
		For Seal Class A, Add	*66.65*	
		For Work In Restricted Working Space, Add	*62.49*	
23 31 13 13-0446	LF	32" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	197.46	102.54
		For Seal Class B, Add	*25.64*	
		For Seal Class A, Add	*54.69*	
		For Work In Restricted Working Space, Add	*51.27*	
23 31 13 13-0447	LF	32" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.64	105.75
		For Seal Class B, Add	*26.44*	
		For Seal Class A, Add	*56.40*	
		For Work In Restricted Working Space, Add	*52.88*	
23 31 13 13-0448	LF	32" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	209.81	108.95
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.11*	
		For Work In Restricted Working Space, Add	*54.48*	
23 31 13 13-0449	LF	32" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.97	112.15
		For Seal Class B, Add	*28.04*	
		For Seal Class A, Add	*59.81*	
		For Work In Restricted Working Space, Add	*56.08*	
23 31 13 13-0450	LF	32" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	222.14	115.36
		For Seal Class B, Add	*28.84*	
		For Seal Class A, Add	*61.52*	
		For Work In Restricted Working Space, Add	*57.68*	
23 31 13 13-0451	LF	32" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	228.32	118.57
		For Seal Class B, Add	*29.64*	
		For Seal Class A, Add	*63.24*	
		For Work In Restricted Working Space, Add	*59.28*	
23 31 13 13-0452	LF	32" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.50	121.77
		For Seal Class B, Add	*30.44*	
		For Seal Class A, Add	*64.95*	
		For Work In Restricted Working Space, Add	*60.89*	
23 31 13 13-0453	LF	32" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	240.66	124.98
		For Seal Class B, Add	*31.24*	
		For Seal Class A, Add	*66.65*	
		For Work In Restricted Working Space, Add	*62.49*	
23 31 13 13-0454	LF	32" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	246.83	128.18
		For Seal Class B, Add	*32.04*	
		For Seal Class A, Add	*68.36*	
		For Work In Restricted Working Space, Add	*64.09*	
23 31 13 13-0455	LF	34" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	209.81	108.95
		For Seal Class B, Add	*27.24*	
		For Seal Class A, Add	*58.11*	
		For Work In Restricted Working Space, Add	*54.48*	
23 31 13 13-0456	LF	34" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.97	112.15
		For Seal Class B, Add	*28.04*	
		For Seal Class A, Add	*59.81*	
		For Work In Restricted Working Space, Add	*56.08*	
23 31 13 13-0457	LF	34" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	222.14	115.36
		For Seal Class B, Add	*28.84*	
		For Seal Class A, Add	*61.52*	
		For Work In Restricted Working Space, Add	*57.68*	
23 31 13 13-0458	LF	34" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	228.32	118.57
		For Seal Class B, Add	*29.64*	
		For Seal Class A, Add	*63.24*	
		For Work In Restricted Working Space, Add	*59.28*	
23 31 13 13-0459	LF	34" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.50	121.77
		For Seal Class B, Add	*30.44*	
		For Seal Class A, Add	*64.95*	
		For Work In Restricted Working Space, Add	*60.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0460	LF	34" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	240.66	124.98
		For Seal Class B, Add	*31.24*	
		For Seal Class A, Add	*66.65*	
		For Work In Restricted Working Space, Add	*62.49*	
23 31 13 13-0461	LF	34" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	246.83	128.18
		For Seal Class B, Add	*32.04*	
		For Seal Class A, Add	*68.36*	
		For Work In Restricted Working Space, Add	*64.09*	
23 31 13 13-0462	LF	34" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	253.00	131.38
		For Seal Class B, Add	*32.85*	
		For Seal Class A, Add	*70.07*	
		For Work In Restricted Working Space, Add	*65.69*	
23 31 13 13-0463	LF	36" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	222.14	115.36
		For Seal Class B, Add	*28.84*	
		For Seal Class A, Add	*61.52*	
		For Work In Restricted Working Space, Add	*57.68*	
23 31 13 13-0464	LF	36" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	228.32	118.57
		For Seal Class B, Add	*29.64*	
		For Seal Class A, Add	*63.24*	
		For Work In Restricted Working Space, Add	*59.28*	
23 31 13 13-0465	LF	36" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.50	121.77
		For Seal Class B, Add	*30.44*	
		For Seal Class A, Add	*64.95*	
		For Work In Restricted Working Space, Add	*60.89*	
23 31 13 13-0466	LF	36" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	240.66	124.98
		For Seal Class B, Add	*31.24*	
		For Seal Class A, Add	*66.65*	
		For Work In Restricted Working Space, Add	*62.49*	
23 31 13 13-0467	LF	36" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	246.83	128.18
		For Seal Class B, Add	*32.04*	
		For Seal Class A, Add	*68.36*	
		For Work In Restricted Working Space, Add	*64.09*	
23 31 13 13-0468	LF	36" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	253.00	131.38
		For Seal Class B, Add	*32.85*	
		For Seal Class A, Add	*70.07*	
		For Work In Restricted Working Space, Add	*65.69*	
23 31 13 13-0469	LF	36" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	259.16	134.59
		For Seal Class B, Add	*33.65*	
		For Seal Class A, Add	*71.78*	
		For Work In Restricted Working Space, Add	*67.29*	
23 31 13 13-0470	LF	38" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.50	121.77
		For Seal Class B, Add	*30.44*	
		For Seal Class A, Add	*64.95*	
		For Work In Restricted Working Space, Add	*60.89*	
23 31 13 13-0471	LF	38" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	240.66	124.98
		For Seal Class B, Add	*31.24*	
		For Seal Class A, Add	*66.65*	
		For Work In Restricted Working Space, Add	*62.49*	
23 31 13 13-0472	LF	38" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	246.83	128.18
		For Seal Class B, Add	*32.04*	
		For Seal Class A, Add	*68.36*	
		For Work In Restricted Working Space, Add	*64.09*	
23 31 13 13-0473	LF	38" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	253.00	131.38
		For Seal Class B, Add	*32.85*	
		For Seal Class A, Add	*70.07*	
		For Work In Restricted Working Space, Add	*65.69*	
23 31 13 13-0474	LF	38" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	259.16	134.59
		For Seal Class B, Add	*33.65*	
		For Seal Class A, Add	*71.78*	
		For Work In Restricted Working Space, Add	*67.29*	
23 31 13 13-0475	LF	38" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.35	137.80
		For Seal Class B, Add	*34.45*	
		For Seal Class A, Add	*73.49*	
		For Work In Restricted Working Space, Add	*68.90*	
23 31 13 13-0476	LF	38" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	271.52	141.00
		For Seal Class B, Add	*35.25*	
		For Seal Class A, Add	*75.20*	
		For Work In Restricted Working Space, Add	*70.50*	
23 31 13 13-0477	LF	40" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	246.83	128.18
		For Seal Class B, Add	*32.04*	
		For Seal Class A, Add	*68.36*	
		For Work In Restricted Working Space, Add	*64.09*	
23 31 13 13-0478	LF	40" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	253.00	131.38
		For Seal Class B, Add	*32.85*	
		For Seal Class A, Add	*70.07*	
		For Work In Restricted Working Space, Add	*65.69*	
23 31 13 13-0479	LF	40" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	259.16	134.59
		For Seal Class B, Add	*33.65*	
		For Seal Class A, Add	*71.78*	
		For Work In Restricted Working Space, Add	*67.29*	
23 31 13 13-0480	LF	40" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.35	137.80
		For Seal Class B, Add	*34.45*	
		For Seal Class A, Add	*73.49*	
		For Work In Restricted Working Space, Add	*68.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0481	LF	40" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	271.52	141.00
		For Seal Class B, Add	*35.25*	
		For Seal Class A, Add	*75.20*	
		For Work In Restricted Working Space, Add	*70.50*	
23 31 13 13-0482	LF	40" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	277.69	144.20
		For Seal Class B, Add	*36.05*	
		For Seal Class A, Add	*76.91*	
		For Work In Restricted Working Space, Add	*72.10*	
23 31 13 13-0483	LF	40" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.85	147.40
		For Seal Class B, Add	*36.85*	
		For Seal Class A, Add	*78.61*	
		For Work In Restricted Working Space, Add	*73.70*	
23 31 13 13-0484	LF	40" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	290.02	150.60
		For Seal Class B, Add	*37.65*	
		For Seal Class A, Add	*80.32*	
		For Work In Restricted Working Space, Add	*75.30*	
23 31 13 13-0485	LF	42" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	259.16	134.59
		For Seal Class B, Add	*33.65*	
		For Seal Class A, Add	*71.78*	
		For Work In Restricted Working Space, Add	*67.29*	
23 31 13 13-0486	LF	42" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.35	137.80
		For Seal Class B, Add	*34.45*	
		For Seal Class A, Add	*73.49*	
		For Work In Restricted Working Space, Add	*68.90*	
23 31 13 13-0487	LF	42" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	271.52	141.00
		For Seal Class B, Add	*35.25*	
		For Seal Class A, Add	*75.20*	
		For Work In Restricted Working Space, Add	*70.50*	
23 31 13 13-0488	LF	42" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	277.69	144.20
		For Seal Class B, Add	*36.05*	
		For Seal Class A, Add	*76.91*	
		For Work In Restricted Working Space, Add	*72.10*	
23 31 13 13-0489	LF	42" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.85	147.40
		For Seal Class B, Add	*36.85*	
		For Seal Class A, Add	*78.61*	
		For Work In Restricted Working Space, Add	*73.70*	
23 31 13 13-0490	LF	42" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	290.02	150.60
		For Seal Class B, Add	*37.65*	
		For Seal Class A, Add	*80.32*	
		For Work In Restricted Working Space, Add	*75.30*	
23 31 13 13-0491	LF	42" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.20	153.81
		For Seal Class B, Add	*38.45*	
		For Seal Class A, Add	*82.04*	
		For Work In Restricted Working Space, Add	*76.91*	
23 31 13 13-0492	LF	44" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	271.52	141.00
		For Seal Class B, Add	*35.25*	
		For Seal Class A, Add	*75.20*	
		For Work In Restricted Working Space, Add	*70.50*	
23 31 13 13-0493	LF	44" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	277.69	144.20
		For Seal Class B, Add	*36.05*	
		For Seal Class A, Add	*76.91*	
		For Work In Restricted Working Space, Add	*72.10*	
23 31 13 13-0494	LF	44" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.85	147.40
		For Seal Class B, Add	*36.85*	
		For Seal Class A, Add	*78.61*	
		For Work In Restricted Working Space, Add	*73.70*	
23 31 13 13-0495	LF	44" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	290.02	150.60
		For Seal Class B, Add	*37.65*	
		For Seal Class A, Add	*80.32*	
		For Work In Restricted Working Space, Add	*75.30*	
23 31 13 13-0496	LF	44" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.20	153.81
		For Seal Class B, Add	*38.45*	
		For Seal Class A, Add	*82.04*	
		For Work In Restricted Working Space, Add	*76.91*	
23 31 13 13-0497	LF	44" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	302.36	157.02
		For Seal Class B, Add	*39.25*	
		For Seal Class A, Add	*83.74*	
		For Work In Restricted Working Space, Add	*78.51*	
23 31 13 13-0498	LF	46" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.85	147.40
		For Seal Class B, Add	*36.85*	
		For Seal Class A, Add	*78.61*	
		For Work In Restricted Working Space, Add	*73.70*	
23 31 13 13-0499	LF	46" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	290.02	150.60
		For Seal Class B, Add	*37.65*	
		For Seal Class A, Add	*80.32*	
		For Work In Restricted Working Space, Add	*75.30*	
23 31 13 13-0500	LF	46" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.20	153.81
		For Seal Class B, Add	*38.45*	
		For Seal Class A, Add	*82.04*	
		For Work In Restricted Working Space, Add	*76.91*	
23 31 13 13-0501	LF	46" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	302.36	157.02
		For Seal Class B, Add	*39.25*	
		For Seal Class A, Add	*83.74*	
		For Work In Restricted Working Space, Add	*78.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0502	LF	46" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	308.54	160.23
		For Seal Class B, Add	*40.06*	
		For Seal Class A, Add	*85.45*	
		For Work In Restricted Working Space, Add	*80.11*	
23 31 13 13-0503	LF	48" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.20	153.81
		For Seal Class B, Add	*38.45*	
		For Seal Class A, Add	*82.04*	
		For Work In Restricted Working Space, Add	*76.91*	
23 31 13 13-0504	LF	48" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	302.36	157.02
		For Seal Class B, Add	*39.25*	
		For Seal Class A, Add	*83.74*	
		For Work In Restricted Working Space, Add	*78.51*	
23 31 13 13-0505	LF	48" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	308.54	160.23
		For Seal Class B, Add	*40.06*	
		For Seal Class A, Add	*85.45*	
		For Work In Restricted Working Space, Add	*80.11*	
23 31 13 13-0506	LF	48" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	314.72	163.43
		For Seal Class B, Add	*40.86*	
		For Seal Class A, Add	*87.16*	
		For Work In Restricted Working Space, Add	*81.71*	
23 31 13 13-0507	LF	50" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	308.54	160.23
		For Seal Class B, Add	*40.06*	
		For Seal Class A, Add	*85.45*	
		For Work In Restricted Working Space, Add	*80.11*	
23 31 13 13-0508	LF	50" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	314.72	163.43
		For Seal Class B, Add	*40.86*	
		For Seal Class A, Add	*87.16*	
		For Work In Restricted Working Space, Add	*81.71*	
23 31 13 13-0509	LF	50" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	320.89	166.63
		For Seal Class B, Add	*41.66*	
		For Seal Class A, Add	*88.87*	
		For Work In Restricted Working Space, Add	*83.32*	
23 31 13 13-0510	LF	52" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	320.89	166.63
		For Seal Class B, Add	*41.66*	
		For Seal Class A, Add	*88.87*	
		For Work In Restricted Working Space, Add	*83.32*	
23 31 13 13-0511	LF	52" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.06	169.84
		For Seal Class B, Add	*42.46*	
		For Seal Class A, Add	*90.58*	
		For Work In Restricted Working Space, Add	*84.92*	
23 31 13 13-0512	LF	54" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	333.23	173.04
		For Seal Class B, Add	*43.26*	
		For Seal Class A, Add	*92.29*	
		For Work In Restricted Working Space, Add	*86.52*	

23 31 13 13-0513 20 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

23 31 13 13-0514	LF	4" x 4", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	29.06	15.09
		For Seal Class B, Add	*3.77*	
		For Seal Class A, Add	*8.05*	
		For Work In Restricted Working Space, Add	*7.55*	
23 31 13 13-0515	LF	4" x 6", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	36.35	18.87
		For Seal Class B, Add	*4.72*	
		For Seal Class A, Add	*10.07*	
		For Work In Restricted Working Space, Add	*9.44*	
23 31 13 13-0516	LF	4" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.61	22.65
		For Seal Class B, Add	*5.66*	
		For Seal Class A, Add	*12.08*	
		For Work In Restricted Working Space, Add	*11.32*	
23 31 13 13-0517	LF	4" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	50.87	26.41
		For Seal Class B, Add	*6.60*	
		For Seal Class A, Add	*14.09*	
		For Work In Restricted Working Space, Add	*13.21*	
23 31 13 13-0518	LF	4" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.15	30.20
		For Seal Class B, Add	*7.55*	
		For Seal Class A, Add	*16.11*	
		For Work In Restricted Working Space, Add	*15.10*	
23 31 13 13-0519	LF	4" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.42	33.96
		For Seal Class B, Add	*8.49*	
		For Seal Class A, Add	*18.12*	
		For Work In Restricted Working Space, Add	*16.98*	
23 31 13 13-0520	LF	4" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.68	37.74
		For Seal Class B, Add	*9.44*	
		For Seal Class A, Add	*20.13*	
		For Work In Restricted Working Space, Add	*18.87*	
23 31 13 13-0521	LF	6" x 6", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.61	22.65
		For Seal Class B, Add	*5.66*	
		For Seal Class A, Add	*12.08*	
		For Work In Restricted Working Space, Add	*11.32*	
23 31 13 13-0522	LF	6" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	50.87	26.41
		For Seal Class B, Add	*6.60*	
		For Seal Class A, Add	*14.09*	
		For Work In Restricted Working Space, Add	*13.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0523	LF	6" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.15	30.20
		For Seal Class B, Add	*7.55*	
		For Seal Class A, Add	*16.11*	
		For Work In Restricted Working Space, Add	*15.10*	
23 31 13 13-0524	LF	6" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.42	33.96
		For Seal Class B, Add	*8.49*	
		For Seal Class A, Add	*18.12*	
		For Work In Restricted Working Space, Add	*16.98*	
23 31 13 13-0525	LF	6" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.68	37.74
		For Seal Class B, Add	*9.44*	
		For Seal Class A, Add	*20.13*	
		For Work In Restricted Working Space, Add	*18.87*	
23 31 13 13-0526	LF	6" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	79.96	41.52
		For Seal Class B, Add	*10.38*	
		For Seal Class A, Add	*22.14*	
		For Work In Restricted Working Space, Add	*20.76*	
23 31 13 13-0527	LF	8" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.15	30.20
		For Seal Class B, Add	*7.55*	
		For Seal Class A, Add	*16.11*	
		For Work In Restricted Working Space, Add	*15.10*	
23 31 13 13-0528	LF	8" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.42	33.96
		For Seal Class B, Add	*8.49*	
		For Seal Class A, Add	*18.12*	
		For Work In Restricted Working Space, Add	*16.98*	
23 31 13 13-0529	LF	8" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.68	37.74
		For Seal Class B, Add	*9.44*	
		For Seal Class A, Add	*20.13*	
		For Work In Restricted Working Space, Add	*18.87*	
23 31 13 13-0530	LF	8" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	79.96	41.52
		For Seal Class B, Add	*10.38*	
		For Seal Class A, Add	*22.14*	
		For Work In Restricted Working Space, Add	*20.76*	
23 31 13 13-0531	LF	8" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.21	45.29
		For Seal Class B, Add	*11.32*	
		For Seal Class A, Add	*24.16*	
		For Work In Restricted Working Space, Add	*22.65*	
23 31 13 13-0532	LF	8" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	94.48	49.06
		For Seal Class B, Add	*12.27*	
		For Seal Class A, Add	*26.17*	
		For Work In Restricted Working Space, Add	*24.53*	
23 31 13 13-0533	LF	8" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	101.76	52.84
		For Seal Class B, Add	*13.21*	
		For Seal Class A, Add	*28.18*	
		For Work In Restricted Working Space, Add	*26.42*	
23 31 13 13-0534	LF	8" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	109.01	56.61
		For Seal Class B, Add	*14.15*	
		For Seal Class A, Add	*30.19*	
		For Work In Restricted Working Space, Add	*28.31*	
23 31 13 13-0535	LF	8" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	116.29	60.39
		For Seal Class B, Add	*15.10*	
		For Seal Class A, Add	*32.20*	
		For Work In Restricted Working Space, Add	*30.19*	
23 31 13 13-0536	LF	10" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.68	37.74
		For Seal Class B, Add	*9.44*	
		For Seal Class A, Add	*20.13*	
		For Work In Restricted Working Space, Add	*18.87*	
23 31 13 13-0537	LF	10" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	79.96	41.52
		For Seal Class B, Add	*10.38*	
		For Seal Class A, Add	*22.14*	
		For Work In Restricted Working Space, Add	*20.76*	
23 31 13 13-0538	LF	10" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.21	45.29
		For Seal Class B, Add	*11.32*	
		For Seal Class A, Add	*24.16*	
		For Work In Restricted Working Space, Add	*22.65*	
23 31 13 13-0539	LF	10" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	94.48	49.06
		For Seal Class B, Add	*12.27*	
		For Seal Class A, Add	*26.17*	
		For Work In Restricted Working Space, Add	*24.53*	
23 31 13 13-0540	LF	10" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	101.76	52.84
		For Seal Class B, Add	*13.21*	
		For Seal Class A, Add	*28.18*	
		For Work In Restricted Working Space, Add	*26.42*	
23 31 13 13-0541	LF	10" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	109.01	56.61
		For Seal Class B, Add	*14.15*	
		For Seal Class A, Add	*30.19*	
		For Work In Restricted Working Space, Add	*28.31*	
23 31 13 13-0542	LF	10" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	116.29	60.39
		For Seal Class B, Add	*15.10*	
		For Seal Class A, Add	*32.20*	
		For Work In Restricted Working Space, Add	*30.19*	
23 31 13 13-0543	LF	10" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.58	64.16
		For Seal Class B, Add	*16.04*	
		For Seal Class A, Add	*34.22*	
		For Work In Restricted Working Space, Add	*32.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0544	LF	10" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	130.83	67.94
		For Seal Class B, Add	*16.98*	
		For Seal Class A, Add	*36.23*	
		For Work In Restricted Working Space, Add	*33.97*	
23 31 13 13-0545	LF	10" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.10	71.70
		For Seal Class B, Add	*17.93*	
		For Seal Class A, Add	*38.25*	
		For Work In Restricted Working Space, Add	*35.86*	
23 31 13 13-0546	LF	10" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	145.36	75.49
		For Seal Class B, Add	*18.87*	
		For Seal Class A, Add	*40.26*	
		For Work In Restricted Working Space, Add	*37.74*	
23 31 13 13-0547	LF	10" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.63	79.26
		For Seal Class B, Add	*19.82*	
		For Seal Class A, Add	*42.27*	
		For Work In Restricted Working Space, Add	*39.63*	
23 31 13 13-0548	LF	12" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.21	45.29
		For Seal Class B, Add	*11.32*	
		For Seal Class A, Add	*24.16*	
		For Work In Restricted Working Space, Add	*22.65*	
23 31 13 13-0549	LF	12" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	94.48	49.06
		For Seal Class B, Add	*12.27*	
		For Seal Class A, Add	*26.17*	
		For Work In Restricted Working Space, Add	*24.53*	
23 31 13 13-0550	LF	12" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	101.76	52.84
		For Seal Class B, Add	*13.21*	
		For Seal Class A, Add	*28.18*	
		For Work In Restricted Working Space, Add	*26.42*	
23 31 13 13-0551	LF	12" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	109.01	56.61
		For Seal Class B, Add	*14.15*	
		For Seal Class A, Add	*30.19*	
		For Work In Restricted Working Space, Add	*28.31*	
23 31 13 13-0552	LF	12" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	116.29	60.39
		For Seal Class B, Add	*15.10*	
		For Seal Class A, Add	*32.20*	
		For Work In Restricted Working Space, Add	*30.19*	
23 31 13 13-0553	LF	12" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.58	64.16
		For Seal Class B, Add	*16.04*	
		For Seal Class A, Add	*34.22*	
		For Work In Restricted Working Space, Add	*32.09*	
23 31 13 13-0554	LF	12" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	130.83	67.94
		For Seal Class B, Add	*16.98*	
		For Seal Class A, Add	*36.23*	
		For Work In Restricted Working Space, Add	*33.97*	
23 31 13 13-0555	LF	12" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.10	71.70
		For Seal Class B, Add	*17.93*	
		For Seal Class A, Add	*38.25*	
		For Work In Restricted Working Space, Add	*35.86*	
23 31 13 13-0556	LF	12" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	145.36	75.49
		For Seal Class B, Add	*18.87*	
		For Seal Class A, Add	*40.26*	
		For Work In Restricted Working Space, Add	*37.74*	
23 31 13 13-0557	LF	12" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.63	79.26
		For Seal Class B, Add	*19.82*	
		For Seal Class A, Add	*42.27*	
		For Work In Restricted Working Space, Add	*39.63*	
23 31 13 13-0558	LF	12" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	159.90	83.03
		For Seal Class B, Add	*20.76*	
		For Seal Class A, Add	*44.28*	
		For Work In Restricted Working Space, Add	*41.51*	
23 31 13 13-0559	LF	12" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.15	86.81
		For Seal Class B, Add	*21.70*	
		For Seal Class A, Add	*46.29*	
		For Work In Restricted Working Space, Add	*43.40*	
23 31 13 13-0560	LF	12" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.45	90.58
		For Seal Class B, Add	*22.65*	
		For Seal Class A, Add	*48.31*	
		For Work In Restricted Working Space, Add	*45.29*	
23 31 13 13-0561	LF	14" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	101.76	52.84
		For Seal Class B, Add	*13.21*	
		For Seal Class A, Add	*28.18*	
		For Work In Restricted Working Space, Add	*26.42*	
23 31 13 13-0562	LF	14" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	109.01	56.61
		For Seal Class B, Add	*14.15*	
		For Seal Class A, Add	*30.19*	
		For Work In Restricted Working Space, Add	*28.31*	
23 31 13 13-0563	LF	14" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	116.29	60.39
		For Seal Class B, Add	*15.10*	
		For Seal Class A, Add	*32.20*	
		For Work In Restricted Working Space, Add	*30.19*	
23 31 13 13-0564	LF	14" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.58	64.16
		For Seal Class B, Add	*16.04*	
		For Seal Class A, Add	*34.22*	
		For Work In Restricted Working Space, Add	*32.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0565	LF	14" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	130.83	67.94
		For Seal Class B, Add	*16.98*	
		For Seal Class A, Add	*36.23*	
		For Work In Restricted Working Space, Add	*33.97*	
23 31 13 13-0566	LF	14" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.10	71.70
		For Seal Class B, Add	*17.93*	
		For Seal Class A, Add	*38.25*	
		For Work In Restricted Working Space, Add	*35.86*	
23 31 13 13-0567	LF	14" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	145.36	75.49
		For Seal Class B, Add	*18.87*	
		For Seal Class A, Add	*40.26*	
		For Work In Restricted Working Space, Add	*37.74*	
23 31 13 13-0568	LF	14" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.63	79.26
		For Seal Class B, Add	*19.82*	
		For Seal Class A, Add	*42.27*	
		For Work In Restricted Working Space, Add	*39.63*	
23 31 13 13-0569	LF	14" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	159.90	83.03
		For Seal Class B, Add	*20.76*	
		For Seal Class A, Add	*44.28*	
		For Work In Restricted Working Space, Add	*41.51*	
23 31 13 13-0570	LF	14" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.15	86.81
		For Seal Class B, Add	*21.70*	
		For Seal Class A, Add	*46.29*	
		For Work In Restricted Working Space, Add	*43.40*	
23 31 13 13-0571	LF	14" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.45	90.58
		For Seal Class B, Add	*22.65*	
		For Seal Class A, Add	*48.31*	
		For Work In Restricted Working Space, Add	*45.29*	
23 31 13 13-0572	LF	14" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	181.69	94.35
		For Seal Class B, Add	*23.59*	
		For Seal Class A, Add	*50.32*	
		For Work In Restricted Working Space, Add	*47.18*	
23 31 13 13-0573	LF	16" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	116.29	60.39
		For Seal Class B, Add	*15.10*	
		For Seal Class A, Add	*32.20*	
		For Work In Restricted Working Space, Add	*30.19*	
23 31 13 13-0574	LF	16" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.58	64.16
		For Seal Class B, Add	*16.04*	
		For Seal Class A, Add	*34.22*	
		For Work In Restricted Working Space, Add	*32.09*	
23 31 13 13-0575	LF	16" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	130.83	67.94
		For Seal Class B, Add	*16.98*	
		For Seal Class A, Add	*36.23*	
		For Work In Restricted Working Space, Add	*33.97*	
23 31 13 13-0576	LF	16" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.10	71.70
		For Seal Class B, Add	*17.93*	
		For Seal Class A, Add	*38.25*	
		For Work In Restricted Working Space, Add	*35.86*	
23 31 13 13-0577	LF	16" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	145.36	75.49
		For Seal Class B, Add	*18.87*	
		For Seal Class A, Add	*40.26*	
		For Work In Restricted Working Space, Add	*37.74*	
23 31 13 13-0578	LF	16" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.63	79.26
		For Seal Class B, Add	*19.82*	
		For Seal Class A, Add	*42.27*	
		For Work In Restricted Working Space, Add	*39.63*	
23 31 13 13-0579	LF	16" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	159.90	83.03
		For Seal Class B, Add	*20.76*	
		For Seal Class A, Add	*44.28*	
		For Work In Restricted Working Space, Add	*41.51*	
23 31 13 13-0580	LF	16" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.15	86.81
		For Seal Class B, Add	*21.70*	
		For Seal Class A, Add	*46.29*	
		For Work In Restricted Working Space, Add	*43.40*	
23 31 13 13-0581	LF	16" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.45	90.58
		For Seal Class B, Add	*22.65*	
		For Seal Class A, Add	*48.31*	
		For Work In Restricted Working Space, Add	*45.29*	
23 31 13 13-0582	LF	16" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	181.69	94.35
		For Seal Class B, Add	*23.59*	
		For Seal Class A, Add	*50.32*	
		For Work In Restricted Working Space, Add	*47.18*	
23 31 13 13-0583	LF	16" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	188.97	98.13
		For Seal Class B, Add	*24.53*	
		For Seal Class A, Add	*52.34*	
		For Work In Restricted Working Space, Add	*49.07*	
23 31 13 13-0584	LF	16" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	196.24	101.90
		For Seal Class B, Add	*25.48*	
		For Seal Class A, Add	*54.35*	
		For Work In Restricted Working Space, Add	*50.95*	
23 31 13 13-0585	LF	16" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.50	105.68
		For Seal Class B, Add	*26.42*	
		For Seal Class A, Add	*56.36*	
		For Work In Restricted Working Space, Add	*52.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0586	LF	16" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.76	109.45
		For Seal Class B, Add	*27.36*	
		For Seal Class A, Add	*58.37*	
		For Work In Restricted Working Space, Add	*54.72*	
23 31 13 13-0587	LF	16" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.06	113.23
		For Seal Class B, Add	*28.31*	
		For Seal Class A, Add	*60.39*	
		For Work In Restricted Working Space, Add	*56.62*	
23 31 13 13-0588	LF	18" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	130.83	67.94
		For Seal Class B, Add	*16.98*	
		For Seal Class A, Add	*36.23*	
		For Work In Restricted Working Space, Add	*33.97*	
23 31 13 13-0589	LF	18" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.10	71.70
		For Seal Class B, Add	*17.93*	
		For Seal Class A, Add	*38.25*	
		For Work In Restricted Working Space, Add	*35.86*	
23 31 13 13-0590	LF	18" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	145.36	75.49
		For Seal Class B, Add	*18.87*	
		For Seal Class A, Add	*40.26*	
		For Work In Restricted Working Space, Add	*37.74*	
23 31 13 13-0591	LF	18" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.63	79.26
		For Seal Class B, Add	*19.82*	
		For Seal Class A, Add	*42.27*	
		For Work In Restricted Working Space, Add	*39.63*	
23 31 13 13-0592	LF	18" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	159.90	83.03
		For Seal Class B, Add	*20.76*	
		For Seal Class A, Add	*44.28*	
		For Work In Restricted Working Space, Add	*41.51*	
23 31 13 13-0593	LF	18" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.15	86.81
		For Seal Class B, Add	*21.70*	
		For Seal Class A, Add	*46.29*	
		For Work In Restricted Working Space, Add	*43.40*	
23 31 13 13-0594	LF	18" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.45	90.58
		For Seal Class B, Add	*22.65*	
		For Seal Class A, Add	*48.31*	
		For Work In Restricted Working Space, Add	*45.29*	
23 31 13 13-0595	LF	18" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	181.69	94.35
		For Seal Class B, Add	*23.59*	
		For Seal Class A, Add	*50.32*	
		For Work In Restricted Working Space, Add	*47.18*	
23 31 13 13-0596	LF	18" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	188.97	98.13
		For Seal Class B, Add	*24.53*	
		For Seal Class A, Add	*52.34*	
		For Work In Restricted Working Space, Add	*49.07*	
23 31 13 13-0597	LF	18" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	196.24	101.90
		For Seal Class B, Add	*25.48*	
		For Seal Class A, Add	*54.35*	
		For Work In Restricted Working Space, Add	*50.95*	
23 31 13 13-0598	LF	18" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.50	105.68
		For Seal Class B, Add	*26.42*	
		For Seal Class A, Add	*56.36*	
		For Work In Restricted Working Space, Add	*52.84*	
23 31 13 13-0599	LF	18" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.76	109.45
		For Seal Class B, Add	*27.36*	
		For Seal Class A, Add	*58.37*	
		For Work In Restricted Working Space, Add	*54.72*	
23 31 13 13-0600	LF	18" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.06	113.23
		For Seal Class B, Add	*28.31*	
		For Seal Class A, Add	*60.39*	
		For Work In Restricted Working Space, Add	*56.62*	
23 31 13 13-0601	LF	18" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.31	116.99
		For Seal Class B, Add	*29.25*	
		For Seal Class A, Add	*62.40*	
		For Work In Restricted Working Space, Add	*58.50*	
23 31 13 13-0602	LF	18" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	232.58	120.78
		For Seal Class B, Add	*30.19*	
		For Seal Class A, Add	*64.41*	
		For Work In Restricted Working Space, Add	*60.39*	
23 31 13 13-0603	LF	20" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	145.36	75.49
		For Seal Class B, Add	*18.87*	
		For Seal Class A, Add	*40.26*	
		For Work In Restricted Working Space, Add	*37.74*	
23 31 13 13-0604	LF	20" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.63	79.26
		For Seal Class B, Add	*19.82*	
		For Seal Class A, Add	*42.27*	
		For Work In Restricted Working Space, Add	*39.63*	
23 31 13 13-0605	LF	20" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	159.90	83.03
		For Seal Class B, Add	*20.76*	
		For Seal Class A, Add	*44.28*	
		For Work In Restricted Working Space, Add	*41.51*	
23 31 13 13-0606	LF	20" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.15	86.81
		For Seal Class B, Add	*21.70*	
		For Seal Class A, Add	*46.29*	
		For Work In Restricted Working Space, Add	*43.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0607	LF	20" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.45	90.58
		For Seal Class B, Add	*22.65*	
		For Seal Class A, Add	*48.31*	
		For Work In Restricted Working Space, Add	*45.29*	
23 31 13 13-0608	LF	20" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	181.69	94.35
		For Seal Class B, Add	*23.59*	
		For Seal Class A, Add	*50.32*	
		For Work In Restricted Working Space, Add	*47.18*	
23 31 13 13-0609	LF	20" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	188.97	98.13
		For Seal Class B, Add	*24.53*	
		For Seal Class A, Add	*52.34*	
		For Work In Restricted Working Space, Add	*49.07*	
23 31 13 13-0610	LF	20" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	196.24	101.90
		For Seal Class B, Add	*25.48*	
		For Seal Class A, Add	*54.35*	
		For Work In Restricted Working Space, Add	*50.95*	
23 31 13 13-0611	LF	20" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.50	105.68
		For Seal Class B, Add	*26.42*	
		For Seal Class A, Add	*56.36*	
		For Work In Restricted Working Space, Add	*52.84*	
23 31 13 13-0612	LF	20" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.76	109.45
		For Seal Class B, Add	*27.36*	
		For Seal Class A, Add	*58.37*	
		For Work In Restricted Working Space, Add	*54.72*	
23 31 13 13-0613	LF	20" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.06	113.23
		For Seal Class B, Add	*28.31*	
		For Seal Class A, Add	*60.39*	
		For Work In Restricted Working Space, Add	*56.62*	
23 31 13 13-0614	LF	20" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.31	116.99
		For Seal Class B, Add	*29.25*	
		For Seal Class A, Add	*62.40*	
		For Work In Restricted Working Space, Add	*58.50*	
23 31 13 13-0615	LF	20" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	232.58	120.78
		For Seal Class B, Add	*30.19*	
		For Seal Class A, Add	*64.41*	
		For Work In Restricted Working Space, Add	*60.39*	
23 31 13 13-0616	LF	20" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.85	124.55
		For Seal Class B, Add	*31.14*	
		For Seal Class A, Add	*66.43*	
		For Work In Restricted Working Space, Add	*62.28*	
23 31 13 13-0617	LF	20" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.11	128.33
		For Seal Class B, Add	*32.08*	
		For Seal Class A, Add	*68.44*	
		For Work In Restricted Working Space, Add	*64.16*	
23 31 13 13-0618	LF	22" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	159.90	83.03
		For Seal Class B, Add	*20.76*	
		For Seal Class A, Add	*44.28*	
		For Work In Restricted Working Space, Add	*41.51*	
23 31 13 13-0619	LF	22" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.15	86.81
		For Seal Class B, Add	*21.70*	
		For Seal Class A, Add	*46.29*	
		For Work In Restricted Working Space, Add	*43.40*	
23 31 13 13-0620	LF	22" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.45	90.58
		For Seal Class B, Add	*22.65*	
		For Seal Class A, Add	*48.31*	
		For Work In Restricted Working Space, Add	*45.29*	
23 31 13 13-0621	LF	22" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	181.69	94.35
		For Seal Class B, Add	*23.59*	
		For Seal Class A, Add	*50.32*	
		For Work In Restricted Working Space, Add	*47.18*	
23 31 13 13-0622	LF	22" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	188.97	98.13
		For Seal Class B, Add	*24.53*	
		For Seal Class A, Add	*52.34*	
		For Work In Restricted Working Space, Add	*49.07*	
23 31 13 13-0623	LF	22" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	196.24	101.90
		For Seal Class B, Add	*25.48*	
		For Seal Class A, Add	*54.35*	
		For Work In Restricted Working Space, Add	*50.95*	
23 31 13 13-0624	LF	22" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.50	105.68
		For Seal Class B, Add	*26.42*	
		For Seal Class A, Add	*56.36*	
		For Work In Restricted Working Space, Add	*52.84*	
23 31 13 13-0625	LF	22" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.76	109.45
		For Seal Class B, Add	*27.36*	
		For Seal Class A, Add	*58.37*	
		For Work In Restricted Working Space, Add	*54.72*	
23 31 13 13-0626	LF	22" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.06	113.23
		For Seal Class B, Add	*28.31*	
		For Seal Class A, Add	*60.39*	
		For Work In Restricted Working Space, Add	*56.62*	
23 31 13 13-0627	LF	22" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.31	116.99
		For Seal Class B, Add	*29.25*	
		For Seal Class A, Add	*62.40*	
		For Work In Restricted Working Space, Add	*58.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0628	LF	22" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	232.58	120.78
		For Seal Class B, Add	*30.19*	
		For Seal Class A, Add	*64.41*	
		For Work In Restricted Working Space, Add	*60.39*	
23 31 13 13-0629	LF	22" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.85	124.55
		For Seal Class B, Add	*31.14*	
		For Seal Class A, Add	*66.43*	
		For Work In Restricted Working Space, Add	*62.28*	
23 31 13 13-0630	LF	22" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.11	128.33
		For Seal Class B, Add	*32.08*	
		For Seal Class A, Add	*68.44*	
		For Work In Restricted Working Space, Add	*64.16*	
23 31 13 13-0631	LF	22" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	254.39	132.10
		For Seal Class B, Add	*33.02*	
		For Seal Class A, Add	*70.45*	
		For Work In Restricted Working Space, Add	*66.05*	
23 31 13 13-0632	LF	24" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.45	90.58
		For Seal Class B, Add	*22.65*	
		For Seal Class A, Add	*48.31*	
		For Work In Restricted Working Space, Add	*45.29*	
23 31 13 13-0633	LF	24" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	181.69	94.35
		For Seal Class B, Add	*23.59*	
		For Seal Class A, Add	*50.32*	
		For Work In Restricted Working Space, Add	*47.18*	
23 31 13 13-0634	LF	24" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	188.97	98.13
		For Seal Class B, Add	*24.53*	
		For Seal Class A, Add	*52.34*	
		For Work In Restricted Working Space, Add	*49.07*	
23 31 13 13-0635	LF	24" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	196.24	101.90
		For Seal Class B, Add	*25.48*	
		For Seal Class A, Add	*54.35*	
		For Work In Restricted Working Space, Add	*50.95*	
23 31 13 13-0636	LF	24" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.50	105.68
		For Seal Class B, Add	*26.42*	
		For Seal Class A, Add	*56.36*	
		For Work In Restricted Working Space, Add	*52.84*	
23 31 13 13-0637	LF	24" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.76	109.45
		For Seal Class B, Add	*27.36*	
		For Seal Class A, Add	*58.37*	
		For Work In Restricted Working Space, Add	*54.72*	
23 31 13 13-0638	LF	24" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.06	113.23
		For Seal Class B, Add	*28.31*	
		For Seal Class A, Add	*60.39*	
		For Work In Restricted Working Space, Add	*56.62*	
23 31 13 13-0639	LF	24" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.31	116.99
		For Seal Class B, Add	*29.25*	
		For Seal Class A, Add	*62.40*	
		For Work In Restricted Working Space, Add	*58.50*	
23 31 13 13-0640	LF	24" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	232.58	120.78
		For Seal Class B, Add	*30.19*	
		For Seal Class A, Add	*64.41*	
		For Work In Restricted Working Space, Add	*60.39*	
23 31 13 13-0641	LF	24" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.85	124.55
		For Seal Class B, Add	*31.14*	
		For Seal Class A, Add	*66.43*	
		For Work In Restricted Working Space, Add	*62.28*	
23 31 13 13-0642	LF	24" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.11	128.33
		For Seal Class B, Add	*32.08*	
		For Seal Class A, Add	*68.44*	
		For Work In Restricted Working Space, Add	*64.16*	
23 31 13 13-0643	LF	24" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	254.39	132.10
		For Seal Class B, Add	*33.02*	
		For Seal Class A, Add	*70.45*	
		For Work In Restricted Working Space, Add	*66.05*	
23 31 13 13-0644	LF	24" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	261.64	135.87
		For Seal Class B, Add	*33.97*	
		For Seal Class A, Add	*72.46*	
		For Work In Restricted Working Space, Add	*67.94*	
23 31 13 13-0645	LF	26" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	188.97	98.13
		For Seal Class B, Add	*24.53*	
		For Seal Class A, Add	*52.34*	
		For Work In Restricted Working Space, Add	*49.07*	
23 31 13 13-0646	LF	26" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	196.24	101.90
		For Seal Class B, Add	*25.48*	
		For Seal Class A, Add	*54.35*	
		For Work In Restricted Working Space, Add	*50.95*	
23 31 13 13-0647	LF	26" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.50	105.68
		For Seal Class B, Add	*26.42*	
		For Seal Class A, Add	*56.36*	
		For Work In Restricted Working Space, Add	*52.84*	
23 31 13 13-0648	LF	26" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.76	109.45
		For Seal Class B, Add	*27.36*	
		For Seal Class A, Add	*58.37*	
		For Work In Restricted Working Space, Add	*54.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0649	LF	26" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.06	113.23
		For Seal Class B, Add	*28.31*	
		For Seal Class A, Add	*60.39*	
		For Work In Restricted Working Space, Add	*56.62*	
23 31 13 13-0650	LF	26" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.31	116.99
		For Seal Class B, Add	*29.25*	
		For Seal Class A, Add	*62.40*	
		For Work In Restricted Working Space, Add	*58.50*	
23 31 13 13-0651	LF	26" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	232.58	120.78
		For Seal Class B, Add	*30.19*	
		For Seal Class A, Add	*64.41*	
		For Work In Restricted Working Space, Add	*60.39*	
23 31 13 13-0652	LF	26" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.85	124.55
		For Seal Class B, Add	*31.14*	
		For Seal Class A, Add	*66.43*	
		For Work In Restricted Working Space, Add	*62.28*	
23 31 13 13-0653	LF	26" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.11	128.33
		For Seal Class B, Add	*32.08*	
		For Seal Class A, Add	*68.44*	
		For Work In Restricted Working Space, Add	*64.16*	
23 31 13 13-0654	LF	26" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	254.39	132.10
		For Seal Class B, Add	*33.02*	
		For Seal Class A, Add	*70.45*	
		For Work In Restricted Working Space, Add	*66.05*	
23 31 13 13-0655	LF	26" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	261.64	135.87
		For Seal Class B, Add	*33.97*	
		For Seal Class A, Add	*72.46*	
		For Work In Restricted Working Space, Add	*67.94*	
23 31 13 13-0656	LF	26" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	268.93	139.65
		For Seal Class B, Add	*34.91*	
		For Seal Class A, Add	*74.48*	
		For Work In Restricted Working Space, Add	*69.83*	
23 31 13 13-0657	LF	28" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.50	105.68
		For Seal Class B, Add	*26.42*	
		For Seal Class A, Add	*56.36*	
		For Work In Restricted Working Space, Add	*52.84*	
23 31 13 13-0658	LF	28" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.76	109.45
		For Seal Class B, Add	*27.36*	
		For Seal Class A, Add	*58.37*	
		For Work In Restricted Working Space, Add	*54.72*	
23 31 13 13-0659	LF	28" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.06	113.23
		For Seal Class B, Add	*28.31*	
		For Seal Class A, Add	*60.39*	
		For Work In Restricted Working Space, Add	*56.62*	
23 31 13 13-0660	LF	28" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.31	116.99
		For Seal Class B, Add	*29.25*	
		For Seal Class A, Add	*62.40*	
		For Work In Restricted Working Space, Add	*58.50*	
23 31 13 13-0661	LF	28" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	232.58	120.78
		For Seal Class B, Add	*30.19*	
		For Seal Class A, Add	*64.41*	
		For Work In Restricted Working Space, Add	*60.39*	
23 31 13 13-0662	LF	28" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.85	124.55
		For Seal Class B, Add	*31.14*	
		For Seal Class A, Add	*66.43*	
		For Work In Restricted Working Space, Add	*62.28*	
23 31 13 13-0663	LF	28" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.11	128.33
		For Seal Class B, Add	*32.08*	
		For Seal Class A, Add	*68.44*	
		For Work In Restricted Working Space, Add	*64.16*	
23 31 13 13-0664	LF	28" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	254.39	132.10
		For Seal Class B, Add	*33.02*	
		For Seal Class A, Add	*70.45*	
		For Work In Restricted Working Space, Add	*66.05*	
23 31 13 13-0665	LF	28" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	261.64	135.87
		For Seal Class B, Add	*33.97*	
		For Seal Class A, Add	*72.46*	
		For Work In Restricted Working Space, Add	*67.94*	
23 31 13 13-0666	LF	28" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	268.93	139.65
		For Seal Class B, Add	*34.91*	
		For Seal Class A, Add	*74.48*	
		For Work In Restricted Working Space, Add	*69.83*	
23 31 13 13-0667	LF	28" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.17	143.43
		For Seal Class B, Add	*35.85*	
		For Seal Class A, Add	*76.49*	
		For Work In Restricted Working Space, Add	*71.71*	
23 31 13 13-0668	LF	30" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.06	113.23
		For Seal Class B, Add	*28.31*	
		For Seal Class A, Add	*60.39*	
		For Work In Restricted Working Space, Add	*56.62*	
23 31 13 13-0669	LF	30" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	225.31	116.99
		For Seal Class B, Add	*29.25*	
		For Seal Class A, Add	*62.40*	
		For Work In Restricted Working Space, Add	*58.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0670	LF	30" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	232.58	120.78
		For Seal Class B, Add	*30.19*	
		For Seal Class A, Add	*64.41*	
		For Work In Restricted Working Space, Add	*60.39*	
23 31 13 13-0671	LF	30" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.85	124.55
		For Seal Class B, Add	*31.14*	
		For Seal Class A, Add	*66.43*	
		For Work In Restricted Working Space, Add	*62.28*	
23 31 13 13-0672	LF	30" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.11	128.33
		For Seal Class B, Add	*32.08*	
		For Seal Class A, Add	*68.44*	
		For Work In Restricted Working Space, Add	*64.16*	
23 31 13 13-0673	LF	30" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	254.39	132.10
		For Seal Class B, Add	*33.02*	
		For Seal Class A, Add	*70.45*	
		For Work In Restricted Working Space, Add	*66.05*	
23 31 13 13-0674	LF	30" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	261.64	135.87
		For Seal Class B, Add	*33.97*	
		For Seal Class A, Add	*72.46*	
		For Work In Restricted Working Space, Add	*67.94*	
23 31 13 13-0675	LF	30" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	268.93	139.65
		For Seal Class B, Add	*34.91*	
		For Seal Class A, Add	*74.48*	
		For Work In Restricted Working Space, Add	*69.83*	
23 31 13 13-0676	LF	30" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.17	143.43
		For Seal Class B, Add	*35.85*	
		For Seal Class A, Add	*76.49*	
		For Work In Restricted Working Space, Add	*71.71*	
23 31 13 13-0677	LF	30" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.46	147.19
		For Seal Class B, Add	*36.80*	
		For Seal Class A, Add	*78.51*	
		For Work In Restricted Working Space, Add	*73.60*	
23 31 13 13-0678	LF	32" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	232.58	120.78
		For Seal Class B, Add	*30.19*	
		For Seal Class A, Add	*64.41*	
		For Work In Restricted Working Space, Add	*60.39*	
23 31 13 13-0679	LF	32" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.85	124.55
		For Seal Class B, Add	*31.14*	
		For Seal Class A, Add	*66.43*	
		For Work In Restricted Working Space, Add	*62.28*	
23 31 13 13-0680	LF	32" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.11	128.33
		For Seal Class B, Add	*32.08*	
		For Seal Class A, Add	*68.44*	
		For Work In Restricted Working Space, Add	*64.16*	
23 31 13 13-0681	LF	32" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	254.39	132.10
		For Seal Class B, Add	*33.02*	
		For Seal Class A, Add	*70.45*	
		For Work In Restricted Working Space, Add	*66.05*	
23 31 13 13-0682	LF	32" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	261.64	135.87
		For Seal Class B, Add	*33.97*	
		For Seal Class A, Add	*72.46*	
		For Work In Restricted Working Space, Add	*67.94*	
23 31 13 13-0683	LF	32" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	268.93	139.65
		For Seal Class B, Add	*34.91*	
		For Seal Class A, Add	*74.48*	
		For Work In Restricted Working Space, Add	*69.83*	
23 31 13 13-0684	LF	32" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.17	143.43
		For Seal Class B, Add	*35.85*	
		For Seal Class A, Add	*76.49*	
		For Work In Restricted Working Space, Add	*71.71*	
23 31 13 13-0685	LF	32" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.46	147.19
		For Seal Class B, Add	*36.80*	
		For Seal Class A, Add	*78.51*	
		For Work In Restricted Working Space, Add	*73.60*	
23 31 13 13-0686	LF	32" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	290.73	150.98
		For Seal Class B, Add	*37.74*	
		For Seal Class A, Add	*80.52*	
		For Work In Restricted Working Space, Add	*75.49*	
23 31 13 13-0687	LF	34" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	247.11	128.33
		For Seal Class B, Add	*32.08*	
		For Seal Class A, Add	*68.44*	
		For Work In Restricted Working Space, Add	*64.16*	
23 31 13 13-0688	LF	34" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	254.39	132.10
		For Seal Class B, Add	*33.02*	
		For Seal Class A, Add	*70.45*	
		For Work In Restricted Working Space, Add	*66.05*	
23 31 13 13-0689	LF	34" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	261.64	135.87
		For Seal Class B, Add	*33.97*	
		For Seal Class A, Add	*72.46*	
		For Work In Restricted Working Space, Add	*67.94*	
23 31 13 13-0690	LF	34" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	268.93	139.65
		For Seal Class B, Add	*34.91*	
		For Seal Class A, Add	*74.48*	
		For Work In Restricted Working Space, Add	*69.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0691	LF	34" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.17	143.43
		For Seal Class B, Add	*35.85*	
		For Seal Class A, Add	*76.49*	
		For Work In Restricted Working Space, Add	*71.71*	
23 31 13 13-0692	LF	34" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.46	147.19
		For Seal Class B, Add	*36.80*	
		For Seal Class A, Add	*78.51*	
		For Work In Restricted Working Space, Add	*73.60*	
23 31 13 13-0693	LF	34" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	290.73	150.98
		For Seal Class B, Add	*37.74*	
		For Seal Class A, Add	*80.52*	
		For Work In Restricted Working Space, Add	*75.49*	
23 31 13 13-0694	LF	34" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	297.98	154.74
		For Seal Class B, Add	*38.69*	
		For Seal Class A, Add	*82.53*	
		For Work In Restricted Working Space, Add	*77.37*	
23 31 13 13-0695	LF	36" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	261.64	135.87
		For Seal Class B, Add	*33.97*	
		For Seal Class A, Add	*72.46*	
		For Work In Restricted Working Space, Add	*67.94*	
23 31 13 13-0696	LF	36" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	268.93	139.65
		For Seal Class B, Add	*34.91*	
		For Seal Class A, Add	*74.48*	
		For Work In Restricted Working Space, Add	*69.83*	
23 31 13 13-0697	LF	36" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.17	143.43
		For Seal Class B, Add	*35.85*	
		For Seal Class A, Add	*76.49*	
		For Work In Restricted Working Space, Add	*71.71*	
23 31 13 13-0698	LF	36" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.46	147.19
		For Seal Class B, Add	*36.80*	
		For Seal Class A, Add	*78.51*	
		For Work In Restricted Working Space, Add	*73.60*	
23 31 13 13-0699	LF	36" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	290.73	150.98
		For Seal Class B, Add	*37.74*	
		For Seal Class A, Add	*80.52*	
		For Work In Restricted Working Space, Add	*75.49*	
23 31 13 13-0700	LF	36" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	297.98	154.74
		For Seal Class B, Add	*38.69*	
		For Seal Class A, Add	*82.53*	
		For Work In Restricted Working Space, Add	*77.37*	
23 31 13 13-0701	LF	36" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.26	158.52
		For Seal Class B, Add	*39.63*	
		For Seal Class A, Add	*84.54*	
		For Work In Restricted Working Space, Add	*79.26*	
23 31 13 13-0702	LF	38" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.17	143.43
		For Seal Class B, Add	*35.85*	
		For Seal Class A, Add	*76.49*	
		For Work In Restricted Working Space, Add	*71.71*	
23 31 13 13-0703	LF	38" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.46	147.19
		For Seal Class B, Add	*36.80*	
		For Seal Class A, Add	*78.51*	
		For Work In Restricted Working Space, Add	*73.60*	
23 31 13 13-0704	LF	38" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	290.73	150.98
		For Seal Class B, Add	*37.74*	
		For Seal Class A, Add	*80.52*	
		For Work In Restricted Working Space, Add	*75.49*	
23 31 13 13-0705	LF	38" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	297.98	154.74
		For Seal Class B, Add	*38.69*	
		For Seal Class A, Add	*82.53*	
		For Work In Restricted Working Space, Add	*77.37*	
23 31 13 13-0706	LF	38" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.26	158.52
		For Seal Class B, Add	*39.63*	
		For Seal Class A, Add	*84.54*	
		For Work In Restricted Working Space, Add	*79.26*	
23 31 13 13-0707	LF	38" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.54	162.30
		For Seal Class B, Add	*40.57*	
		For Seal Class A, Add	*86.56*	
		For Work In Restricted Working Space, Add	*81.15*	
23 31 13 13-0708	LF	38" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	319.80	166.07
		For Seal Class B, Add	*41.52*	
		For Seal Class A, Add	*88.57*	
		For Work In Restricted Working Space, Add	*83.03*	
23 31 13 13-0709	LF	40" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	290.73	150.98
		For Seal Class B, Add	*37.74*	
		For Seal Class A, Add	*80.52*	
		For Work In Restricted Working Space, Add	*75.49*	
23 31 13 13-0710	LF	40" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	297.98	154.74
		For Seal Class B, Add	*38.69*	
		For Seal Class A, Add	*82.53*	
		For Work In Restricted Working Space, Add	*77.37*	
23 31 13 13-0711	LF	40" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.26	158.52
		For Seal Class B, Add	*39.63*	
		For Seal Class A, Add	*84.54*	
		For Work In Restricted Working Space, Add	*79.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0712	LF	40" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.54	162.30
		For Seal Class B, Add	*40.57*	
		For Seal Class A, Add	*86.56*	
		For Work In Restricted Working Space, Add	*81.15*	
23 31 13 13-0713	LF	40" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	319.80	166.07
		For Seal Class B, Add	*41.52*	
		For Seal Class A, Add	*88.57*	
		For Work In Restricted Working Space, Add	*83.03*	
23 31 13 13-0714	LF	40" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.07	169.84
		For Seal Class B, Add	*42.46*	
		For Seal Class A, Add	*90.58*	
		For Work In Restricted Working Space, Add	*84.92*	
23 31 13 13-0715	LF	40" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	334.33	173.62
		For Seal Class B, Add	*43.40*	
		For Seal Class A, Add	*92.60*	
		For Work In Restricted Working Space, Add	*86.81*	
23 31 13 13-0716	LF	40" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	341.59	177.39
		For Seal Class B, Add	*44.35*	
		For Seal Class A, Add	*94.60*	
		For Work In Restricted Working Space, Add	*88.69*	
23 31 13 13-0717	LF	40" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	348.88	181.17
		For Seal Class B, Add	*45.29*	
		For Seal Class A, Add	*96.62*	
		For Work In Restricted Working Space, Add	*90.58*	
23 31 13 13-0718	LF	42" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	305.26	158.52
		For Seal Class B, Add	*39.63*	
		For Seal Class A, Add	*84.54*	
		For Work In Restricted Working Space, Add	*79.26*	
23 31 13 13-0719	LF	42" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.54	162.30
		For Seal Class B, Add	*40.57*	
		For Seal Class A, Add	*86.56*	
		For Work In Restricted Working Space, Add	*81.15*	
23 31 13 13-0720	LF	42" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	319.80	166.07
		For Seal Class B, Add	*41.52*	
		For Seal Class A, Add	*88.57*	
		For Work In Restricted Working Space, Add	*83.03*	
23 31 13 13-0721	LF	42" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.07	169.84
		For Seal Class B, Add	*42.46*	
		For Seal Class A, Add	*90.58*	
		For Work In Restricted Working Space, Add	*84.92*	
23 31 13 13-0722	LF	42" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	334.33	173.62
		For Seal Class B, Add	*43.40*	
		For Seal Class A, Add	*92.60*	
		For Work In Restricted Working Space, Add	*86.81*	
23 31 13 13-0723	LF	42" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	341.59	177.39
		For Seal Class B, Add	*44.35*	
		For Seal Class A, Add	*94.60*	
		For Work In Restricted Working Space, Add	*88.69*	
23 31 13 13-0724	LF	42" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	348.88	181.17
		For Seal Class B, Add	*45.29*	
		For Seal Class A, Add	*96.62*	
		For Work In Restricted Working Space, Add	*90.58*	
23 31 13 13-0725	LF	42" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	356.13	184.94
		For Seal Class B, Add	*46.23*	
		For Seal Class A, Add	*98.63*	
		For Work In Restricted Working Space, Add	*92.47*	
23 31 13 13-0726	LF	44" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	319.80	166.07
		For Seal Class B, Add	*41.52*	
		For Seal Class A, Add	*88.57*	
		For Work In Restricted Working Space, Add	*83.03*	
23 31 13 13-0727	LF	44" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	327.07	169.84
		For Seal Class B, Add	*42.46*	
		For Seal Class A, Add	*90.58*	
		For Work In Restricted Working Space, Add	*84.92*	
23 31 13 13-0728	LF	44" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	334.33	173.62
		For Seal Class B, Add	*43.40*	
		For Seal Class A, Add	*92.60*	
		For Work In Restricted Working Space, Add	*86.81*	
23 31 13 13-0729	LF	44" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	341.59	177.39
		For Seal Class B, Add	*44.35*	
		For Seal Class A, Add	*94.60*	
		For Work In Restricted Working Space, Add	*88.69*	
23 31 13 13-0730	LF	44" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	348.88	181.17
		For Seal Class B, Add	*45.29*	
		For Seal Class A, Add	*96.62*	
		For Work In Restricted Working Space, Add	*90.58*	
23 31 13 13-0731	LF	44" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	356.13	184.94
		For Seal Class B, Add	*46.23*	
		For Seal Class A, Add	*98.63*	
		For Work In Restricted Working Space, Add	*92.47*	
23 31 13 13-0732	LF	44" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	363.41	188.72
		For Seal Class B, Add	*47.18*	
		For Seal Class A, Add	*100.65*	
		For Work In Restricted Working Space, Add	*94.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0733	LF	46" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	334.33	173.62
		For Seal Class B, Add	*43.40*	
		For Seal Class A, Add	*92.60*	
		For Work In Restricted Working Space, Add	*86.81*	
23 31 13 13-0734	LF	46" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	341.59	177.39
		For Seal Class B, Add	*44.35*	
		For Seal Class A, Add	*94.60*	
		For Work In Restricted Working Space, Add	*88.69*	
23 31 13 13-0735	LF	46" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	348.88	181.17
		For Seal Class B, Add	*45.29*	
		For Seal Class A, Add	*96.62*	
		For Work In Restricted Working Space, Add	*90.58*	
23 31 13 13-0736	LF	46" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	356.13	184.94
		For Seal Class B, Add	*46.23*	
		For Seal Class A, Add	*98.63*	
		For Work In Restricted Working Space, Add	*92.47*	
23 31 13 13-0737	LF	46" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	363.41	188.72
		For Seal Class B, Add	*47.18*	
		For Seal Class A, Add	*100.65*	
		For Work In Restricted Working Space, Add	*94.36*	
23 31 13 13-0738	LF	46" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	376.97	196.27
		For Seal Class B, Add	*49.07*	
		For Seal Class A, Add	*104.67*	
		For Work In Restricted Working Space, Add	*98.13*	
23 31 13 13-0739	LF	46" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	384.23	200.04
		For Seal Class B, Add	*50.01*	
		For Seal Class A, Add	*106.68*	
		For Work In Restricted Working Space, Add	*100.02*	
23 31 13 13-0740	LF	48" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	348.88	181.17
		For Seal Class B, Add	*45.29*	
		For Seal Class A, Add	*96.62*	
		For Work In Restricted Working Space, Add	*90.58*	
23 31 13 13-0741	LF	48" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	356.13	184.94
		For Seal Class B, Add	*46.23*	
		For Seal Class A, Add	*98.63*	
		For Work In Restricted Working Space, Add	*92.47*	
23 31 13 13-0742	LF	48" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	363.41	188.72
		For Seal Class B, Add	*47.18*	
		For Seal Class A, Add	*100.65*	
		For Work In Restricted Working Space, Add	*94.36*	
23 31 13 13-0743	LF	48" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	370.69	192.48
		For Seal Class B, Add	*48.12*	
		For Seal Class A, Add	*102.66*	
		For Work In Restricted Working Space, Add	*96.25*	
23 31 13 13-0744	LF	48" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	377.94	196.27
		For Seal Class B, Add	*49.07*	
		For Seal Class A, Add	*104.67*	
		For Work In Restricted Working Space, Add	*98.13*	
23 31 13 13-0745	LF	48" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	385.21	200.04
		For Seal Class B, Add	*50.01*	
		For Seal Class A, Add	*106.68*	
		For Work In Restricted Working Space, Add	*100.02*	
23 31 13 13-0746	LF	48" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	392.47	203.81
		For Seal Class B, Add	*50.95*	
		For Seal Class A, Add	*108.70*	
		For Work In Restricted Working Space, Add	*101.90*	
23 31 13 13-0747	LF	50" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	363.41	188.72
		For Seal Class B, Add	*47.18*	
		For Seal Class A, Add	*100.65*	
		For Work In Restricted Working Space, Add	*94.36*	
23 31 13 13-0748	LF	50" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	370.69	192.48
		For Seal Class B, Add	*48.12*	
		For Seal Class A, Add	*102.66*	
		For Work In Restricted Working Space, Add	*96.25*	
23 31 13 13-0749	LF	50" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	377.94	196.27
		For Seal Class B, Add	*49.07*	
		For Seal Class A, Add	*104.67*	
		For Work In Restricted Working Space, Add	*98.13*	
23 31 13 13-0750	LF	50" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	385.21	200.04
		For Seal Class B, Add	*50.01*	
		For Seal Class A, Add	*106.68*	
		For Work In Restricted Working Space, Add	*100.02*	
23 31 13 13-0751	LF	50" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	392.47	203.81
		For Seal Class B, Add	*50.95*	
		For Seal Class A, Add	*108.70*	
		For Work In Restricted Working Space, Add	*101.90*	
23 31 13 13-0752	LF	50" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	399.74	207.59
		For Seal Class B, Add	*51.90*	
		For Seal Class A, Add	*110.71*	
		For Work In Restricted Working Space, Add	*103.79*	
23 31 13 13-0753	LF	52" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	377.94	196.27
		For Seal Class B, Add	*49.07*	
		For Seal Class A, Add	*104.67*	
		For Work In Restricted Working Space, Add	*98.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0754	LF	52" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	385.21	200.04
		For Seal Class B, Add	*50.01*	
		For Seal Class A, Add	*106.68*	
		For Work In Restricted Working Space, Add	*100.02*	
23 31 13 13-0755	LF	52" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	392.47	203.81
		For Seal Class B, Add	*50.95*	
		For Seal Class A, Add	*108.70*	
		For Work In Restricted Working Space, Add	*101.90*	
23 31 13 13-0756	LF	52" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	399.74	207.59
		For Seal Class B, Add	*51.90*	
		For Seal Class A, Add	*110.71*	
		For Work In Restricted Working Space, Add	*103.79*	
23 31 13 13-0757	LF	52" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	407.03	211.36
		For Seal Class B, Add	*52.84*	
		For Seal Class A, Add	*112.73*	
		For Work In Restricted Working Space, Add	*105.68*	
23 31 13 13-0758	LF	54" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	392.47	203.81
		For Seal Class B, Add	*50.95*	
		For Seal Class A, Add	*108.70*	
		For Work In Restricted Working Space, Add	*101.90*	
23 31 13 13-0759	LF	54" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	399.74	207.59
		For Seal Class B, Add	*51.90*	
		For Seal Class A, Add	*110.71*	
		For Work In Restricted Working Space, Add	*103.79*	
23 31 13 13-0760	LF	54" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	407.03	211.36
		For Seal Class B, Add	*52.84*	
		For Seal Class A, Add	*112.73*	
		For Work In Restricted Working Space, Add	*105.68*	
23 31 13 13-0761	LF	54" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	414.28	215.13
		For Seal Class B, Add	*53.78*	
		For Seal Class A, Add	*114.74*	
		For Work In Restricted Working Space, Add	*107.57*	
23 31 13 13-0762	LF	54" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	421.56	218.91
		For Seal Class B, Add	*54.73*	
		For Seal Class A, Add	*116.75*	
		For Work In Restricted Working Space, Add	*109.46*	
23 31 13 13-0763	LF	54" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	428.81	222.68
		For Seal Class B, Add	*55.67*	
		For Seal Class A, Add	*118.76*	
		For Work In Restricted Working Space, Add	*111.34*	
23 31 13 13-0764	LF	56" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	407.03	211.36
		For Seal Class B, Add	*52.84*	
		For Seal Class A, Add	*112.73*	
		For Work In Restricted Working Space, Add	*105.68*	
23 31 13 13-0765	LF	56" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	414.28	215.13
		For Seal Class B, Add	*53.78*	
		For Seal Class A, Add	*114.74*	
		For Work In Restricted Working Space, Add	*107.57*	
23 31 13 13-0766	LF	56" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	421.56	218.91
		For Seal Class B, Add	*54.73*	
		For Seal Class A, Add	*116.75*	
		For Work In Restricted Working Space, Add	*109.46*	
23 31 13 13-0767	LF	56" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	428.81	222.68
		For Seal Class B, Add	*55.67*	
		For Seal Class A, Add	*118.76*	
		For Work In Restricted Working Space, Add	*111.34*	
23 31 13 13-0768	LF	56" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	436.08	226.45
		For Seal Class B, Add	*56.61*	
		For Seal Class A, Add	*120.77*	
		For Work In Restricted Working Space, Add	*113.23*	
23 31 13 13-0769	LF	58" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	421.56	218.91
		For Seal Class B, Add	*54.73*	
		For Seal Class A, Add	*116.75*	
		For Work In Restricted Working Space, Add	*109.46*	
23 31 13 13-0770	LF	58" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	428.81	222.68
		For Seal Class B, Add	*55.67*	
		For Seal Class A, Add	*118.76*	
		For Work In Restricted Working Space, Add	*111.34*	
23 31 13 13-0771	LF	58" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	436.08	226.45
		For Seal Class B, Add	*56.61*	
		For Seal Class A, Add	*120.77*	
		For Work In Restricted Working Space, Add	*113.23*	
23 31 13 13-0772	LF	58" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	443.36	230.23
		For Seal Class B, Add	*57.56*	
		For Seal Class A, Add	*122.79*	
		For Work In Restricted Working Space, Add	*115.11*	
23 31 13 13-0773	LF	58" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	450.61	234.00
		For Seal Class B, Add	*58.50*	
		For Seal Class A, Add	*124.80*	
		For Work In Restricted Working Space, Add	*117.00*	
23 31 13 13-0774	LF	60" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	436.08	226.45
		For Seal Class B, Add	*56.61*	
		For Seal Class A, Add	*120.77*	
		For Work In Restricted Working Space, Add	*113.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0775	LF	60" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	443.36	230.23
		For Seal Class B, Add	*57.56*	
		For Seal Class A, Add	*122.79*	
		For Work In Restricted Working Space, Add	*115.11*	
23 31 13 13-0776	LF	60" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	450.61	234.00
		For Seal Class B, Add	*58.50*	
		For Seal Class A, Add	*124.80*	
		For Work In Restricted Working Space, Add	*117.00*	
23 31 13 13-0777	LF	60" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	457.90	237.77
		For Seal Class B, Add	*59.45*	
		For Seal Class A, Add	*126.82*	
		For Work In Restricted Working Space, Add	*118.89*	
23 31 13 13-0778	LF	60" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	465.17	241.55
		For Seal Class B, Add	*60.39*	
		For Seal Class A, Add	*128.83*	
		For Work In Restricted Working Space, Add	*120.78*	
23 31 13 13-0779	LF	62" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	450.61	234.00
		For Seal Class B, Add	*58.50*	
		For Seal Class A, Add	*124.80*	
		For Work In Restricted Working Space, Add	*117.00*	
23 31 13 13-0780	LF	62" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	457.90	237.77
		For Seal Class B, Add	*59.45*	
		For Seal Class A, Add	*126.82*	
		For Work In Restricted Working Space, Add	*118.89*	
23 31 13 13-0781	LF	62" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	465.17	241.55
		For Seal Class B, Add	*60.39*	
		For Seal Class A, Add	*128.83*	
		For Work In Restricted Working Space, Add	*120.78*	
23 31 13 13-0782	LF	62" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	472.43	245.33
		For Seal Class B, Add	*61.33*	
		For Seal Class A, Add	*130.84*	
		For Work In Restricted Working Space, Add	*122.66*	
23 31 13 13-0783	LF	62" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	479.69	249.09
		For Seal Class B, Add	*62.27*	
		For Seal Class A, Add	*132.85*	
		For Work In Restricted Working Space, Add	*124.55*	
23 31 13 13-0784	LF	64" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	465.17	241.55
		For Seal Class B, Add	*60.39*	
		For Seal Class A, Add	*128.83*	
		For Work In Restricted Working Space, Add	*120.78*	
23 31 13 13-0785	LF	64" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	472.43	245.33
		For Seal Class B, Add	*61.33*	
		For Seal Class A, Add	*130.84*	
		For Work In Restricted Working Space, Add	*122.66*	
23 31 13 13-0786	LF	64" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	479.69	249.09
		For Seal Class B, Add	*62.27*	
		For Seal Class A, Add	*132.85*	
		For Work In Restricted Working Space, Add	*124.55*	
23 31 13 13-0787	LF	64" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	486.96	252.88
		For Seal Class B, Add	*63.22*	
		For Seal Class A, Add	*134.87*	
		For Work In Restricted Working Space, Add	*126.44*	
23 31 13 13-0788	LF	66" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	479.69	249.09
		For Seal Class B, Add	*62.27*	
		For Seal Class A, Add	*132.85*	
		For Work In Restricted Working Space, Add	*124.55*	
23 31 13 13-0789	LF	66" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	486.96	252.88
		For Seal Class B, Add	*63.22*	
		For Seal Class A, Add	*134.87*	
		For Work In Restricted Working Space, Add	*126.44*	
23 31 13 13-0790	LF	66" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	494.22	256.64
		For Seal Class B, Add	*64.16*	
		For Seal Class A, Add	*136.88*	
		For Work In Restricted Working Space, Add	*128.32*	
23 31 13 13-0791	LF	66" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	501.50	260.42
		For Seal Class B, Add	*65.10*	
		For Seal Class A, Add	*138.89*	
		For Work In Restricted Working Space, Add	*130.21*	
23 31 13 13-0792	LF	68" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	494.22	256.64
		For Seal Class B, Add	*64.16*	
		For Seal Class A, Add	*136.88*	
		For Work In Restricted Working Space, Add	*128.32*	
23 31 13 13-0793	LF	68" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	501.50	260.42
		For Seal Class B, Add	*65.10*	
		For Seal Class A, Add	*138.89*	
		For Work In Restricted Working Space, Add	*130.21*	
23 31 13 13-0794	LF	68" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	508.76	264.20
		For Seal Class B, Add	*66.05*	
		For Seal Class A, Add	*140.91*	
		For Work In Restricted Working Space, Add	*132.10*	
23 31 13 13-0795	LF	68" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	516.04	267.97
		For Seal Class B, Add	*66.99*	
		For Seal Class A, Add	*142.92*	
		For Work In Restricted Working Space, Add	*133.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0796	LF	70" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	508.76	264.20
		For Seal Class B, Add	*66.05*	
		For Seal Class A, Add	*140.91*	
		For Work In Restricted Working Space, Add	*132.10*	
23 31 13 13-0797	LF	70" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	516.04	267.97
		For Seal Class B, Add	*66.99*	
		For Seal Class A, Add	*142.92*	
		For Work In Restricted Working Space, Add	*133.99*	
23 31 13 13-0798	LF	70" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	523.31	271.74
		For Seal Class B, Add	*67.94*	
		For Seal Class A, Add	*144.93*	
		For Work In Restricted Working Space, Add	*135.87*	
23 31 13 13-0799	LF	70" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	530.57	275.52
		For Seal Class B, Add	*68.88*	
		For Seal Class A, Add	*146.94*	
		For Work In Restricted Working Space, Add	*137.76*	
23 31 13 13-0800	LF	70" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	537.84	279.29
		For Seal Class B, Add	*69.82*	
		For Seal Class A, Add	*148.96*	
		For Work In Restricted Working Space, Add	*139.65*	
23 31 13 13-0801	LF	70" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	545.09	283.07
		For Seal Class B, Add	*70.77*	
		For Seal Class A, Add	*150.97*	
		For Work In Restricted Working Space, Add	*141.53*	
23 31 13 13-0802	LF	70" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	552.39	286.84
		For Seal Class B, Add	*71.71*	
		For Seal Class A, Add	*152.99*	
		For Work In Restricted Working Space, Add	*143.42*	
23 31 13 13-0803	LF	70" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	559.65	290.62
		For Seal Class B, Add	*72.65*	
		For Seal Class A, Add	*155.00*	
		For Work In Restricted Working Space, Add	*145.31*	
23 31 13 13-0804	LF	72" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	523.31	271.74
		For Seal Class B, Add	*67.94*	
		For Seal Class A, Add	*144.93*	
		For Work In Restricted Working Space, Add	*135.87*	
23 31 13 13-0805	LF	72" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	530.57	275.52
		For Seal Class B, Add	*68.88*	
		For Seal Class A, Add	*146.94*	
		For Work In Restricted Working Space, Add	*137.76*	
23 31 13 13-0806	LF	72" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	537.84	279.29
		For Seal Class B, Add	*69.82*	
		For Seal Class A, Add	*148.96*	
		For Work In Restricted Working Space, Add	*139.65*	
23 31 13 13-0807	LF	72" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	545.09	283.07
		For Seal Class B, Add	*70.77*	
		For Seal Class A, Add	*150.97*	
		For Work In Restricted Working Space, Add	*141.53*	
23 31 13 13-0808	LF	72" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	552.39	286.84
		For Seal Class B, Add	*71.71*	
		For Seal Class A, Add	*152.99*	
		For Work In Restricted Working Space, Add	*143.42*	
23 31 13 13-0809	LF	72" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	559.65	290.62
		For Seal Class B, Add	*72.65*	
		For Seal Class A, Add	*155.00*	
		For Work In Restricted Working Space, Add	*145.31*	
23 31 13 13-0810	LF	72" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	566.91	294.38
		For Seal Class B, Add	*73.60*	
		For Seal Class A, Add	*157.01*	
		For Work In Restricted Working Space, Add	*147.20*	
23 31 13 13-0811	LF	74" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	537.84	279.29
		For Seal Class B, Add	*69.82*	
		For Seal Class A, Add	*148.96*	
		For Work In Restricted Working Space, Add	*139.65*	
23 31 13 13-0812	LF	74" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	545.09	283.07
		For Seal Class B, Add	*70.77*	
		For Seal Class A, Add	*150.97*	
		For Work In Restricted Working Space, Add	*141.53*	
23 31 13 13-0813	LF	74" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	552.39	286.84
		For Seal Class B, Add	*71.71*	
		For Seal Class A, Add	*152.99*	
		For Work In Restricted Working Space, Add	*143.42*	
23 31 13 13-0814	LF	74" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	559.65	290.62
		For Seal Class B, Add	*72.65*	
		For Seal Class A, Add	*155.00*	
		For Work In Restricted Working Space, Add	*145.31*	
23 31 13 13-0815	LF	74" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	566.91	294.38
		For Seal Class B, Add	*73.60*	
		For Seal Class A, Add	*157.01*	
		For Work In Restricted Working Space, Add	*147.20*	
23 31 13 13-0816	LF	74" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	574.19	298.17
		For Seal Class B, Add	*74.54*	
		For Seal Class A, Add	*159.02*	
		For Work In Restricted Working Space, Add	*149.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0817	LF	76" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	552.39	286.84
		For Seal Class B, Add	*71.71*	
		For Seal Class A, Add	*152.99*	
		For Work In Restricted Working Space, Add	*143.42*	
23 31 13 13-0818	LF	76" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	559.65	290.62
		For Seal Class B, Add	*72.65*	
		For Seal Class A, Add	*155.00*	
		For Work In Restricted Working Space, Add	*145.31*	
23 31 13 13-0819	LF	76" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	566.91	294.38
		For Seal Class B, Add	*73.60*	
		For Seal Class A, Add	*157.01*	
		For Work In Restricted Working Space, Add	*147.20*	
23 31 13 13-0820	LF	76" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	574.19	298.17
		For Seal Class B, Add	*74.54*	
		For Seal Class A, Add	*159.02*	
		For Work In Restricted Working Space, Add	*149.09*	
23 31 13 13-0821	LF	76" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	581.44	301.94
		For Seal Class B, Add	*75.48*	
		For Seal Class A, Add	*161.03*	
		For Work In Restricted Working Space, Add	*150.97*	
23 31 13 13-0822	LF	78" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	566.91	294.38
		For Seal Class B, Add	*73.60*	
		For Seal Class A, Add	*157.01*	
		For Work In Restricted Working Space, Add	*147.20*	
23 31 13 13-0823	LF	78" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	574.19	298.17
		For Seal Class B, Add	*74.54*	
		For Seal Class A, Add	*159.02*	
		For Work In Restricted Working Space, Add	*149.09*	
23 31 13 13-0824	LF	78" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	581.44	301.94
		For Seal Class B, Add	*75.48*	
		For Seal Class A, Add	*161.03*	
		For Work In Restricted Working Space, Add	*150.97*	
23 31 13 13-0825	LF	78" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	588.71	305.71
		For Seal Class B, Add	*76.43*	
		For Seal Class A, Add	*163.05*	
		For Work In Restricted Working Space, Add	*152.86*	
23 31 13 13-0826	LF	80" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	581.44	301.94
		For Seal Class B, Add	*75.48*	
		For Seal Class A, Add	*161.03*	
		For Work In Restricted Working Space, Add	*150.97*	
23 31 13 13-0827	LF	80" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	588.71	305.71
		For Seal Class B, Add	*76.43*	
		For Seal Class A, Add	*163.05*	
		For Work In Restricted Working Space, Add	*152.86*	
23 31 13 13-0828	LF	80" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	595.99	309.49
		For Seal Class B, Add	*77.37*	
		For Seal Class A, Add	*165.06*	
		For Work In Restricted Working Space, Add	*154.74*	
23 31 13 13-0829	LF	82" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	595.99	309.49
		For Seal Class B, Add	*77.37*	
		For Seal Class A, Add	*165.06*	
		For Work In Restricted Working Space, Add	*154.74*	
23 31 13 13-0830	LF	82" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	603.25	313.26
		For Seal Class B, Add	*78.32*	
		For Seal Class A, Add	*167.08*	
		For Work In Restricted Working Space, Add	*156.63*	
23 31 13 13-0831	LF	84" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	610.52	317.03
		For Seal Class B, Add	*79.26*	
		For Seal Class A, Add	*169.08*	
		For Work In Restricted Working Space, Add	*158.52*	

23 31 13 13-0832 18 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

23 31 13 13-0833	LF	4" x 4", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	37.86	19.65
		For Seal Class B, Add	*4.91*	
		For Seal Class A, Add	*10.48*	
		For Work In Restricted Working Space, Add	*9.83*	
23 31 13 13-0834	LF	4" x 6", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	47.31	24.57
		For Seal Class B, Add	*6.14*	
		For Seal Class A, Add	*13.10*	
		For Work In Restricted Working Space, Add	*12.29*	
23 31 13 13-0835	LF	4" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.76	29.49
		For Seal Class B, Add	*7.37*	
		For Seal Class A, Add	*15.72*	
		For Work In Restricted Working Space, Add	*14.74*	
23 31 13 13-0836	LF	4" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.23	34.40
		For Seal Class B, Add	*8.60*	
		For Seal Class A, Add	*18.35*	
		For Work In Restricted Working Space, Add	*17.20*	
23 31 13 13-0837	LF	4" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.71	39.32
		For Seal Class B, Add	*9.83*	
		For Seal Class A, Add	*20.97*	
		For Work In Restricted Working Space, Add	*19.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0838	LF	4" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	85.16	44.22
		For Seal Class B, Add	*11.06*	
		For Seal Class A, Add	*23.58*	
		For Work In Restricted Working Space, Add	*22.11*	
23 31 13 13-0839	LF	4" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	94.63	49.13
		For Seal Class B, Add	*12.29*	
		For Seal Class A, Add	*26.21*	
		For Work In Restricted Working Space, Add	*24.57*	
23 31 13 13-0840	LF	6" x 6", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.76	29.49
		For Seal Class B, Add	*7.37*	
		For Seal Class A, Add	*15.72*	
		For Work In Restricted Working Space, Add	*14.74*	
23 31 13 13-0841	LF	6" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	66.23	34.40
		For Seal Class B, Add	*8.60*	
		For Seal Class A, Add	*18.35*	
		For Work In Restricted Working Space, Add	*17.20*	
23 31 13 13-0842	LF	6" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.71	39.32
		For Seal Class B, Add	*9.83*	
		For Seal Class A, Add	*20.97*	
		For Work In Restricted Working Space, Add	*19.66*	
23 31 13 13-0843	LF	6" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	85.16	44.22
		For Seal Class B, Add	*11.06*	
		For Seal Class A, Add	*23.58*	
		For Work In Restricted Working Space, Add	*22.11*	
23 31 13 13-0844	LF	6" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	94.63	49.13
		For Seal Class B, Add	*12.29*	
		For Seal Class A, Add	*26.21*	
		For Work In Restricted Working Space, Add	*24.57*	
23 31 13 13-0845	LF	6" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	104.09	54.05
		For Seal Class B, Add	*13.51*	
		For Seal Class A, Add	*28.83*	
		For Work In Restricted Working Space, Add	*27.03*	
23 31 13 13-0846	LF	8" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.71	39.32
		For Seal Class B, Add	*9.83*	
		For Seal Class A, Add	*20.97*	
		For Work In Restricted Working Space, Add	*19.66*	
23 31 13 13-0847	LF	8" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	85.16	44.22
		For Seal Class B, Add	*11.06*	
		For Seal Class A, Add	*23.58*	
		For Work In Restricted Working Space, Add	*22.11*	
23 31 13 13-0848	LF	8" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	94.63	49.13
		For Seal Class B, Add	*12.29*	
		For Seal Class A, Add	*26.21*	
		For Work In Restricted Working Space, Add	*24.57*	
23 31 13 13-0849	LF	8" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	104.09	54.05
		For Seal Class B, Add	*13.51*	
		For Seal Class A, Add	*28.83*	
		For Work In Restricted Working Space, Add	*27.03*	
23 31 13 13-0850	LF	8" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	113.55	58.96
		For Seal Class B, Add	*14.74*	
		For Seal Class A, Add	*31.45*	
		For Work In Restricted Working Space, Add	*29.48*	
23 31 13 13-0851	LF	8" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.01	63.87
		For Seal Class B, Add	*15.97*	
		For Seal Class A, Add	*34.07*	
		For Work In Restricted Working Space, Add	*31.94*	
23 31 13 13-0852	LF	8" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.47	68.79
		For Seal Class B, Add	*17.20*	
		For Seal Class A, Add	*36.69*	
		For Work In Restricted Working Space, Add	*34.40*	
23 31 13 13-0853	LF	8" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.94	73.70
		For Seal Class B, Add	*18.43*	
		For Seal Class A, Add	*39.31*	
		For Work In Restricted Working Space, Add	*36.86*	
23 31 13 13-0854	LF	8" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	151.39	78.62
		For Seal Class B, Add	*19.65*	
		For Seal Class A, Add	*41.93*	
		For Work In Restricted Working Space, Add	*39.31*	
23 31 13 13-0855	LF	10" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	94.63	49.13
		For Seal Class B, Add	*12.29*	
		For Seal Class A, Add	*26.21*	
		For Work In Restricted Working Space, Add	*24.57*	
23 31 13 13-0856	LF	10" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	104.09	54.05
		For Seal Class B, Add	*13.51*	
		For Seal Class A, Add	*28.83*	
		For Work In Restricted Working Space, Add	*27.03*	
23 31 13 13-0857	LF	10" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	113.55	58.96
		For Seal Class B, Add	*14.74*	
		For Seal Class A, Add	*31.45*	
		For Work In Restricted Working Space, Add	*29.48*	
23 31 13 13-0858	LF	10" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.01	63.87
		For Seal Class B, Add	*15.97*	
		For Seal Class A, Add	*34.07*	
		For Work In Restricted Working Space, Add	*31.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0859	LF	10" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.47	68.79
		For Seal Class B, Add	*17.20*	
		For Seal Class A, Add	*36.69*	
		For Work In Restricted Working Space, Add	*34.40*	
23 31 13 13-0860	LF	10" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.94	73.70
		For Seal Class B, Add	*18.43*	
		For Seal Class A, Add	*39.31*	
		For Work In Restricted Working Space, Add	*36.86*	
23 31 13 13-0861	LF	10" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	151.39	78.62
		For Seal Class B, Add	*19.65*	
		For Seal Class A, Add	*41.93*	
		For Work In Restricted Working Space, Add	*39.31*	
23 31 13 13-0862	LF	10" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.86	83.54
		For Seal Class B, Add	*20.88*	
		For Seal Class A, Add	*44.55*	
		For Work In Restricted Working Space, Add	*41.77*	
23 31 13 13-0863	LF	10" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	170.33	88.45
		For Seal Class B, Add	*22.11*	
		For Seal Class A, Add	*47.17*	
		For Work In Restricted Working Space, Add	*44.22*	
23 31 13 13-0864	LF	10" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.80	93.37
		For Seal Class B, Add	*23.34*	
		For Seal Class A, Add	*49.80*	
		For Work In Restricted Working Space, Add	*46.68*	
23 31 13 13-0865	LF	10" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	189.25	98.28
		For Seal Class B, Add	*24.57*	
		For Seal Class A, Add	*52.41*	
		For Work In Restricted Working Space, Add	*49.14*	
23 31 13 13-0866	LF	10" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	198.71	103.19
		For Seal Class B, Add	*25.80*	
		For Seal Class A, Add	*55.03*	
		For Work In Restricted Working Space, Add	*51.59*	
23 31 13 13-0867	LF	12" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	113.55	58.96
		For Seal Class B, Add	*14.74*	
		For Seal Class A, Add	*31.45*	
		For Work In Restricted Working Space, Add	*29.48*	
23 31 13 13-0868	LF	12" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	123.01	63.87
		For Seal Class B, Add	*15.97*	
		For Seal Class A, Add	*34.07*	
		For Work In Restricted Working Space, Add	*31.94*	
23 31 13 13-0869	LF	12" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.47	68.79
		For Seal Class B, Add	*17.20*	
		For Seal Class A, Add	*36.69*	
		For Work In Restricted Working Space, Add	*34.40*	
23 31 13 13-0870	LF	12" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.94	73.70
		For Seal Class B, Add	*18.43*	
		For Seal Class A, Add	*39.31*	
		For Work In Restricted Working Space, Add	*36.86*	
23 31 13 13-0871	LF	12" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	151.39	78.62
		For Seal Class B, Add	*19.65*	
		For Seal Class A, Add	*41.93*	
		For Work In Restricted Working Space, Add	*39.31*	
23 31 13 13-0872	LF	12" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.86	83.54
		For Seal Class B, Add	*20.88*	
		For Seal Class A, Add	*44.55*	
		For Work In Restricted Working Space, Add	*41.77*	
23 31 13 13-0873	LF	12" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	170.33	88.45
		For Seal Class B, Add	*22.11*	
		For Seal Class A, Add	*47.17*	
		For Work In Restricted Working Space, Add	*44.22*	
23 31 13 13-0874	LF	12" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.80	93.37
		For Seal Class B, Add	*23.34*	
		For Seal Class A, Add	*49.80*	
		For Work In Restricted Working Space, Add	*46.68*	
23 31 13 13-0875	LF	12" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	189.25	98.28
		For Seal Class B, Add	*24.57*	
		For Seal Class A, Add	*52.41*	
		For Work In Restricted Working Space, Add	*49.14*	
23 31 13 13-0876	LF	12" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	198.71	103.19
		For Seal Class B, Add	*25.80*	
		For Seal Class A, Add	*55.03*	
		For Work In Restricted Working Space, Add	*51.59*	
23 31 13 13-0877	LF	12" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	208.16	108.11
		For Seal Class B, Add	*27.03*	
		For Seal Class A, Add	*57.65*	
		For Work In Restricted Working Space, Add	*54.05*	
23 31 13 13-0878	LF	12" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	217.64	113.02
		For Seal Class B, Add	*28.25*	
		For Seal Class A, Add	*60.28*	
		For Work In Restricted Working Space, Add	*56.51*	
23 31 13 13-0879	LF	12" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.11	117.93
		For Seal Class B, Add	*29.48*	
		For Seal Class A, Add	*62.90*	
		For Work In Restricted Working Space, Add	*58.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0880	LF	14" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.47	68.79
		For Seal Class B, Add	*17.20*	
		For Seal Class A, Add	*36.69*	
		For Work In Restricted Working Space, Add	*34.40*	
23 31 13 13-0881	LF	14" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	141.94	73.70
		For Seal Class B, Add	*18.43*	
		For Seal Class A, Add	*39.31*	
		For Work In Restricted Working Space, Add	*36.86*	
23 31 13 13-0882	LF	14" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	151.39	78.62
		For Seal Class B, Add	*19.65*	
		For Seal Class A, Add	*41.93*	
		For Work In Restricted Working Space, Add	*39.31*	
23 31 13 13-0883	LF	14" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.86	83.54
		For Seal Class B, Add	*20.88*	
		For Seal Class A, Add	*44.55*	
		For Work In Restricted Working Space, Add	*41.77*	
23 31 13 13-0884	LF	14" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	170.33	88.45
		For Seal Class B, Add	*22.11*	
		For Seal Class A, Add	*47.17*	
		For Work In Restricted Working Space, Add	*44.22*	
23 31 13 13-0885	LF	14" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.80	93.37
		For Seal Class B, Add	*23.34*	
		For Seal Class A, Add	*49.80*	
		For Work In Restricted Working Space, Add	*46.68*	
23 31 13 13-0886	LF	14" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	189.25	98.28
		For Seal Class B, Add	*24.57*	
		For Seal Class A, Add	*52.41*	
		For Work In Restricted Working Space, Add	*49.14*	
23 31 13 13-0887	LF	14" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	198.71	103.19
		For Seal Class B, Add	*25.80*	
		For Seal Class A, Add	*55.03*	
		For Work In Restricted Working Space, Add	*51.59*	
23 31 13 13-0888	LF	14" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	208.16	108.11
		For Seal Class B, Add	*27.03*	
		For Seal Class A, Add	*57.65*	
		For Work In Restricted Working Space, Add	*54.05*	
23 31 13 13-0889	LF	14" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	217.64	113.02
		For Seal Class B, Add	*28.25*	
		For Seal Class A, Add	*60.28*	
		For Work In Restricted Working Space, Add	*56.51*	
23 31 13 13-0890	LF	14" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.11	117.93
		For Seal Class B, Add	*29.48*	
		For Seal Class A, Add	*62.90*	
		For Work In Restricted Working Space, Add	*58.97*	
23 31 13 13-0891	LF	14" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	236.56	122.85
		For Seal Class B, Add	*30.71*	
		For Seal Class A, Add	*65.52*	
		For Work In Restricted Working Space, Add	*61.42*	
23 31 13 13-0892	LF	16" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	151.39	78.62
		For Seal Class B, Add	*19.65*	
		For Seal Class A, Add	*41.93*	
		For Work In Restricted Working Space, Add	*39.31*	
23 31 13 13-0893	LF	16" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.86	83.54
		For Seal Class B, Add	*20.88*	
		For Seal Class A, Add	*44.55*	
		For Work In Restricted Working Space, Add	*41.77*	
23 31 13 13-0894	LF	16" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	170.33	88.45
		For Seal Class B, Add	*22.11*	
		For Seal Class A, Add	*47.17*	
		For Work In Restricted Working Space, Add	*44.22*	
23 31 13 13-0895	LF	16" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.80	93.37
		For Seal Class B, Add	*23.34*	
		For Seal Class A, Add	*49.80*	
		For Work In Restricted Working Space, Add	*46.68*	
23 31 13 13-0896	LF	16" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	189.25	98.28
		For Seal Class B, Add	*24.57*	
		For Seal Class A, Add	*52.41*	
		For Work In Restricted Working Space, Add	*49.14*	
23 31 13 13-0897	LF	16" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	198.71	103.19
		For Seal Class B, Add	*25.80*	
		For Seal Class A, Add	*55.03*	
		For Work In Restricted Working Space, Add	*51.59*	
23 31 13 13-0898	LF	16" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	208.16	108.11
		For Seal Class B, Add	*27.03*	
		For Seal Class A, Add	*57.65*	
		For Work In Restricted Working Space, Add	*54.05*	
23 31 13 13-0899	LF	16" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	217.64	113.02
		For Seal Class B, Add	*28.25*	
		For Seal Class A, Add	*60.28*	
		For Work In Restricted Working Space, Add	*56.51*	
23 31 13 13-0900	LF	16" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.11	117.93
		For Seal Class B, Add	*29.48*	
		For Seal Class A, Add	*62.90*	
		For Work In Restricted Working Space, Add	*58.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0901	LF	16" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	236.56	122.85
		For Seal Class B, Add	*30.71*	
		For Seal Class A, Add	*65.52*	
		For Work In Restricted Working Space, Add	*61.42*	
23 31 13 13-0902	LF	16" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	246.02	127.76
		For Seal Class B, Add	*31.94*	
		For Seal Class A, Add	*68.14*	
		For Work In Restricted Working Space, Add	*63.88*	
23 31 13 13-0903	LF	16" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	255.48	132.67
		For Seal Class B, Add	*33.17*	
		For Seal Class A, Add	*70.76*	
		For Work In Restricted Working Space, Add	*66.34*	
23 31 13 13-0904	LF	16" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	264.96	137.59
		For Seal Class B, Add	*34.40*	
		For Seal Class A, Add	*73.38*	
		For Work In Restricted Working Space, Add	*68.79*	
23 31 13 13-0905	LF	16" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.42	142.50
		For Seal Class B, Add	*35.63*	
		For Seal Class A, Add	*76.00*	
		For Work In Restricted Working Space, Add	*71.25*	
23 31 13 13-0906	LF	16" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.88	147.41
		For Seal Class B, Add	*36.85*	
		For Seal Class A, Add	*78.62*	
		For Work In Restricted Working Space, Add	*73.71*	
23 31 13 13-0907	LF	18" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	170.33	88.45
		For Seal Class B, Add	*22.11*	
		For Seal Class A, Add	*47.17*	
		For Work In Restricted Working Space, Add	*44.22*	
23 31 13 13-0908	LF	18" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.80	93.37
		For Seal Class B, Add	*23.34*	
		For Seal Class A, Add	*49.80*	
		For Work In Restricted Working Space, Add	*46.68*	
23 31 13 13-0909	LF	18" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	189.25	98.28
		For Seal Class B, Add	*24.57*	
		For Seal Class A, Add	*52.41*	
		For Work In Restricted Working Space, Add	*49.14*	
23 31 13 13-0910	LF	18" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	198.71	103.19
		For Seal Class B, Add	*25.80*	
		For Seal Class A, Add	*55.03*	
		For Work In Restricted Working Space, Add	*51.59*	
23 31 13 13-0911	LF	18" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	208.16	108.11
		For Seal Class B, Add	*27.03*	
		For Seal Class A, Add	*57.65*	
		For Work In Restricted Working Space, Add	*54.05*	
23 31 13 13-0912	LF	18" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	217.64	113.02
		For Seal Class B, Add	*28.25*	
		For Seal Class A, Add	*60.28*	
		For Work In Restricted Working Space, Add	*56.51*	
23 31 13 13-0913	LF	18" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.11	117.93
		For Seal Class B, Add	*29.48*	
		For Seal Class A, Add	*62.90*	
		For Work In Restricted Working Space, Add	*58.97*	
23 31 13 13-0914	LF	18" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	236.56	122.85
		For Seal Class B, Add	*30.71*	
		For Seal Class A, Add	*65.52*	
		For Work In Restricted Working Space, Add	*61.42*	
23 31 13 13-0915	LF	18" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	246.02	127.76
		For Seal Class B, Add	*31.94*	
		For Seal Class A, Add	*68.14*	
		For Work In Restricted Working Space, Add	*63.88*	
23 31 13 13-0916	LF	18" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	255.48	132.67
		For Seal Class B, Add	*33.17*	
		For Seal Class A, Add	*70.76*	
		For Work In Restricted Working Space, Add	*66.34*	
23 31 13 13-0917	LF	18" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	264.96	137.59
		For Seal Class B, Add	*34.40*	
		For Seal Class A, Add	*73.38*	
		For Work In Restricted Working Space, Add	*68.79*	
23 31 13 13-0918	LF	18" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.42	142.50
		For Seal Class B, Add	*35.63*	
		For Seal Class A, Add	*76.00*	
		For Work In Restricted Working Space, Add	*71.25*	
23 31 13 13-0919	LF	18" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.88	147.41
		For Seal Class B, Add	*36.85*	
		For Seal Class A, Add	*78.62*	
		For Work In Restricted Working Space, Add	*73.71*	
23 31 13 13-0920	LF	18" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	293.34	152.33
		For Seal Class B, Add	*38.08*	
		For Seal Class A, Add	*81.24*	
		For Work In Restricted Working Space, Add	*76.17*	
23 31 13 13-0921	LF	18" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	302.81	157.24
		For Seal Class B, Add	*39.31*	
		For Seal Class A, Add	*83.86*	
		For Work In Restricted Working Space, Add	*78.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0922	LF	20" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	189.25	98.28
		For Seal Class B, Add	*24.57*	
		For Seal Class A, Add	*52.41*	
		For Work In Restricted Working Space, Add	*49.14*	
23 31 13 13-0923	LF	20" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	198.71	103.19
		For Seal Class B, Add	*25.80*	
		For Seal Class A, Add	*55.03*	
		For Work In Restricted Working Space, Add	*51.59*	
23 31 13 13-0924	LF	20" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	208.16	108.11
		For Seal Class B, Add	*27.03*	
		For Seal Class A, Add	*57.65*	
		For Work In Restricted Working Space, Add	*54.05*	
23 31 13 13-0925	LF	20" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	217.64	113.02
		For Seal Class B, Add	*28.25*	
		For Seal Class A, Add	*60.28*	
		For Work In Restricted Working Space, Add	*56.51*	
23 31 13 13-0926	LF	20" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.11	117.93
		For Seal Class B, Add	*29.48*	
		For Seal Class A, Add	*62.90*	
		For Work In Restricted Working Space, Add	*58.97*	
23 31 13 13-0927	LF	20" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	236.56	122.85
		For Seal Class B, Add	*30.71*	
		For Seal Class A, Add	*65.52*	
		For Work In Restricted Working Space, Add	*61.42*	
23 31 13 13-0928	LF	20" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	246.02	127.76
		For Seal Class B, Add	*31.94*	
		For Seal Class A, Add	*68.14*	
		For Work In Restricted Working Space, Add	*63.88*	
23 31 13 13-0929	LF	20" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	255.48	132.67
		For Seal Class B, Add	*33.17*	
		For Seal Class A, Add	*70.76*	
		For Work In Restricted Working Space, Add	*66.34*	
23 31 13 13-0930	LF	20" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	264.96	137.59
		For Seal Class B, Add	*34.40*	
		For Seal Class A, Add	*73.38*	
		For Work In Restricted Working Space, Add	*68.79*	
23 31 13 13-0931	LF	20" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.42	142.50
		For Seal Class B, Add	*35.63*	
		For Seal Class A, Add	*76.00*	
		For Work In Restricted Working Space, Add	*71.25*	
23 31 13 13-0932	LF	20" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.88	147.41
		For Seal Class B, Add	*36.85*	
		For Seal Class A, Add	*78.62*	
		For Work In Restricted Working Space, Add	*73.71*	
23 31 13 13-0933	LF	20" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	293.34	152.33
		For Seal Class B, Add	*38.08*	
		For Seal Class A, Add	*81.24*	
		For Work In Restricted Working Space, Add	*76.17*	
23 31 13 13-0934	LF	20" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	302.81	157.24
		For Seal Class B, Add	*39.31*	
		For Seal Class A, Add	*83.86*	
		For Work In Restricted Working Space, Add	*78.62*	
23 31 13 13-0935	LF	20" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.27	162.15
		For Seal Class B, Add	*40.54*	
		For Seal Class A, Add	*86.48*	
		For Work In Restricted Working Space, Add	*81.08*	
23 31 13 13-0936	LF	20" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	321.72	167.07
		For Seal Class B, Add	*41.77*	
		For Seal Class A, Add	*89.10*	
		For Work In Restricted Working Space, Add	*83.53*	
23 31 13 13-0937	LF	22" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	208.16	108.11
		For Seal Class B, Add	*27.03*	
		For Seal Class A, Add	*57.65*	
		For Work In Restricted Working Space, Add	*54.05*	
23 31 13 13-0938	LF	22" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	217.64	113.02
		For Seal Class B, Add	*28.25*	
		For Seal Class A, Add	*60.28*	
		For Work In Restricted Working Space, Add	*56.51*	
23 31 13 13-0939	LF	22" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.11	117.93
		For Seal Class B, Add	*29.48*	
		For Seal Class A, Add	*62.90*	
		For Work In Restricted Working Space, Add	*58.97*	
23 31 13 13-0940	LF	22" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	236.56	122.85
		For Seal Class B, Add	*30.71*	
		For Seal Class A, Add	*65.52*	
		For Work In Restricted Working Space, Add	*61.42*	
23 31 13 13-0941	LF	22" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	246.02	127.76
		For Seal Class B, Add	*31.94*	
		For Seal Class A, Add	*68.14*	
		For Work In Restricted Working Space, Add	*63.88*	
23 31 13 13-0942	LF	22" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	255.48	132.67
		For Seal Class B, Add	*33.17*	
		For Seal Class A, Add	*70.76*	
		For Work In Restricted Working Space, Add	*66.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0943	LF	22" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	264.96	137.59
		For Seal Class B, Add	*34.40*	
		For Seal Class A, Add	*73.38*	
		For Work In Restricted Working Space, Add	*68.79*	
23 31 13 13-0944	LF	22" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.42	142.50
		For Seal Class B, Add	*35.63*	
		For Seal Class A, Add	*76.00*	
		For Work In Restricted Working Space, Add	*71.25*	
23 31 13 13-0945	LF	22" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.88	147.41
		For Seal Class B, Add	*36.85*	
		For Seal Class A, Add	*78.62*	
		For Work In Restricted Working Space, Add	*73.71*	
23 31 13 13-0946	LF	22" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	293.34	152.33
		For Seal Class B, Add	*38.08*	
		For Seal Class A, Add	*81.24*	
		For Work In Restricted Working Space, Add	*76.17*	
23 31 13 13-0947	LF	22" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	302.81	157.24
		For Seal Class B, Add	*39.31*	
		For Seal Class A, Add	*83.86*	
		For Work In Restricted Working Space, Add	*78.62*	
23 31 13 13-0948	LF	22" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.27	162.15
		For Seal Class B, Add	*40.54*	
		For Seal Class A, Add	*86.48*	
		For Work In Restricted Working Space, Add	*81.08*	
23 31 13 13-0949	LF	22" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	321.72	167.07
		For Seal Class B, Add	*41.77*	
		For Seal Class A, Add	*89.10*	
		For Work In Restricted Working Space, Add	*83.53*	
23 31 13 13-0950	LF	22" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	331.19	171.98
		For Seal Class B, Add	*43.00*	
		For Seal Class A, Add	*91.72*	
		For Work In Restricted Working Space, Add	*85.99*	
23 31 13 13-0951	LF	24" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.11	117.93
		For Seal Class B, Add	*29.48*	
		For Seal Class A, Add	*62.90*	
		For Work In Restricted Working Space, Add	*58.97*	
23 31 13 13-0952	LF	24" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	236.56	122.85
		For Seal Class B, Add	*30.71*	
		For Seal Class A, Add	*65.52*	
		For Work In Restricted Working Space, Add	*61.42*	
23 31 13 13-0953	LF	24" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	246.02	127.76
		For Seal Class B, Add	*31.94*	
		For Seal Class A, Add	*68.14*	
		For Work In Restricted Working Space, Add	*63.88*	
23 31 13 13-0954	LF	24" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	255.48	132.67
		For Seal Class B, Add	*33.17*	
		For Seal Class A, Add	*70.76*	
		For Work In Restricted Working Space, Add	*66.34*	
23 31 13 13-0955	LF	24" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	264.96	137.59
		For Seal Class B, Add	*34.40*	
		For Seal Class A, Add	*73.38*	
		For Work In Restricted Working Space, Add	*68.79*	
23 31 13 13-0956	LF	24" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.42	142.50
		For Seal Class B, Add	*35.63*	
		For Seal Class A, Add	*76.00*	
		For Work In Restricted Working Space, Add	*71.25*	
23 31 13 13-0957	LF	24" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.88	147.41
		For Seal Class B, Add	*36.85*	
		For Seal Class A, Add	*78.62*	
		For Work In Restricted Working Space, Add	*73.71*	
23 31 13 13-0958	LF	24" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	293.34	152.33
		For Seal Class B, Add	*38.08*	
		For Seal Class A, Add	*81.24*	
		For Work In Restricted Working Space, Add	*76.17*	
23 31 13 13-0959	LF	24" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	302.81	157.24
		For Seal Class B, Add	*39.31*	
		For Seal Class A, Add	*83.86*	
		For Work In Restricted Working Space, Add	*78.62*	
23 31 13 13-0960	LF	24" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.27	162.15
		For Seal Class B, Add	*40.54*	
		For Seal Class A, Add	*86.48*	
		For Work In Restricted Working Space, Add	*81.08*	
23 31 13 13-0961	LF	24" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	321.72	167.07
		For Seal Class B, Add	*41.77*	
		For Seal Class A, Add	*89.10*	
		For Work In Restricted Working Space, Add	*83.53*	
23 31 13 13-0962	LF	24" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	331.19	171.98
		For Seal Class B, Add	*43.00*	
		For Seal Class A, Add	*91.72*	
		For Work In Restricted Working Space, Add	*85.99*	
23 31 13 13-0963	LF	24" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	340.65	176.89
		For Seal Class B, Add	*44.22*	
		For Seal Class A, Add	*94.35*	
		For Work In Restricted Working Space, Add	*88.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0964	LF	26" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	246.02	127.76
		For Seal Class B, Add	*31.94*	
		For Seal Class A, Add	*68.14*	
		For Work In Restricted Working Space, Add	*63.88*	
23 31 13 13-0965	LF	26" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	255.48	132.67
		For Seal Class B, Add	*33.17*	
		For Seal Class A, Add	*70.76*	
		For Work In Restricted Working Space, Add	*66.34*	
23 31 13 13-0966	LF	26" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	264.96	137.59
		For Seal Class B, Add	*34.40*	
		For Seal Class A, Add	*73.38*	
		For Work In Restricted Working Space, Add	*68.79*	
23 31 13 13-0967	LF	26" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.42	142.50
		For Seal Class B, Add	*35.63*	
		For Seal Class A, Add	*76.00*	
		For Work In Restricted Working Space, Add	*71.25*	
23 31 13 13-0968	LF	26" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.88	147.41
		For Seal Class B, Add	*36.85*	
		For Seal Class A, Add	*78.62*	
		For Work In Restricted Working Space, Add	*73.71*	
23 31 13 13-0969	LF	26" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	293.34	152.33
		For Seal Class B, Add	*38.08*	
		For Seal Class A, Add	*81.24*	
		For Work In Restricted Working Space, Add	*76.17*	
23 31 13 13-0970	LF	26" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	302.81	157.24
		For Seal Class B, Add	*39.31*	
		For Seal Class A, Add	*83.86*	
		For Work In Restricted Working Space, Add	*78.62*	
23 31 13 13-0971	LF	26" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.27	162.15
		For Seal Class B, Add	*40.54*	
		For Seal Class A, Add	*86.48*	
		For Work In Restricted Working Space, Add	*81.08*	
23 31 13 13-0972	LF	26" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	321.72	167.07
		For Seal Class B, Add	*41.77*	
		For Seal Class A, Add	*89.10*	
		For Work In Restricted Working Space, Add	*83.53*	
23 31 13 13-0973	LF	26" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	331.19	171.98
		For Seal Class B, Add	*43.00*	
		For Seal Class A, Add	*91.72*	
		For Work In Restricted Working Space, Add	*85.99*	
23 31 13 13-0974	LF	26" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	340.65	176.89
		For Seal Class B, Add	*44.22*	
		For Seal Class A, Add	*94.35*	
		For Work In Restricted Working Space, Add	*88.45*	
23 31 13 13-0975	LF	26" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	350.13	181.81
		For Seal Class B, Add	*45.45*	
		For Seal Class A, Add	*96.97*	
		For Work In Restricted Working Space, Add	*90.91*	
23 31 13 13-0976	LF	28" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	264.96	137.59
		For Seal Class B, Add	*34.40*	
		For Seal Class A, Add	*73.38*	
		For Work In Restricted Working Space, Add	*68.79*	
23 31 13 13-0977	LF	28" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	274.42	142.50
		For Seal Class B, Add	*35.63*	
		For Seal Class A, Add	*76.00*	
		For Work In Restricted Working Space, Add	*71.25*	
23 31 13 13-0978	LF	28" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.88	147.41
		For Seal Class B, Add	*36.85*	
		For Seal Class A, Add	*78.62*	
		For Work In Restricted Working Space, Add	*73.71*	
23 31 13 13-0979	LF	28" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	293.34	152.33
		For Seal Class B, Add	*38.08*	
		For Seal Class A, Add	*81.24*	
		For Work In Restricted Working Space, Add	*76.17*	
23 31 13 13-0980	LF	28" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	302.81	157.24
		For Seal Class B, Add	*39.31*	
		For Seal Class A, Add	*83.86*	
		For Work In Restricted Working Space, Add	*78.62*	
23 31 13 13-0981	LF	28" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.27	162.15
		For Seal Class B, Add	*40.54*	
		For Seal Class A, Add	*86.48*	
		For Work In Restricted Working Space, Add	*81.08*	
23 31 13 13-0982	LF	28" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	321.72	167.07
		For Seal Class B, Add	*41.77*	
		For Seal Class A, Add	*89.10*	
		For Work In Restricted Working Space, Add	*83.53*	
23 31 13 13-0983	LF	28" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	331.19	171.98
		For Seal Class B, Add	*43.00*	
		For Seal Class A, Add	*91.72*	
		For Work In Restricted Working Space, Add	*85.99*	
23 31 13 13-0984	LF	28" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	340.65	176.89
		For Seal Class B, Add	*44.22*	
		For Seal Class A, Add	*94.35*	
		For Work In Restricted Working Space, Add	*88.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0985	LF	28" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	350.13	181.81
		For Seal Class B, Add	*45.45*	
		For Seal Class A, Add	*96.97*	
		For Work In Restricted Working Space, Add	*90.91*	
23 31 13 13-0986	LF	28" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.59	186.72
		For Seal Class B, Add	*46.68*	
		For Seal Class A, Add	*99.59*	
		For Work In Restricted Working Space, Add	*93.36*	
23 31 13 13-0987	LF	30" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	283.88	147.41
		For Seal Class B, Add	*36.85*	
		For Seal Class A, Add	*78.62*	
		For Work In Restricted Working Space, Add	*73.71*	
23 31 13 13-0988	LF	30" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	293.34	152.33
		For Seal Class B, Add	*38.08*	
		For Seal Class A, Add	*81.24*	
		For Work In Restricted Working Space, Add	*76.17*	
23 31 13 13-0989	LF	30" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	302.81	157.24
		For Seal Class B, Add	*39.31*	
		For Seal Class A, Add	*83.86*	
		For Work In Restricted Working Space, Add	*78.62*	
23 31 13 13-0990	LF	30" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.27	162.15
		For Seal Class B, Add	*40.54*	
		For Seal Class A, Add	*86.48*	
		For Work In Restricted Working Space, Add	*81.08*	
23 31 13 13-0991	LF	30" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	321.72	167.07
		For Seal Class B, Add	*41.77*	
		For Seal Class A, Add	*89.10*	
		For Work In Restricted Working Space, Add	*83.53*	
23 31 13 13-0992	LF	30" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	331.19	171.98
		For Seal Class B, Add	*43.00*	
		For Seal Class A, Add	*91.72*	
		For Work In Restricted Working Space, Add	*85.99*	
23 31 13 13-0993	LF	30" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	340.65	176.89
		For Seal Class B, Add	*44.22*	
		For Seal Class A, Add	*94.35*	
		For Work In Restricted Working Space, Add	*88.45*	
23 31 13 13-0994	LF	30" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	350.13	181.81
		For Seal Class B, Add	*45.45*	
		For Seal Class A, Add	*96.97*	
		For Work In Restricted Working Space, Add	*90.91*	
23 31 13 13-0995	LF	30" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.59	186.72
		For Seal Class B, Add	*46.68*	
		For Seal Class A, Add	*99.59*	
		For Work In Restricted Working Space, Add	*93.36*	
23 31 13 13-0996	LF	30" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	369.03	191.65
		For Seal Class B, Add	*47.91*	
		For Seal Class A, Add	*102.20*	
		For Work In Restricted Working Space, Add	*95.82*	
23 31 13 13-0997	LF	32" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	302.81	157.24
		For Seal Class B, Add	*39.31*	
		For Seal Class A, Add	*83.86*	
		For Work In Restricted Working Space, Add	*78.62*	
23 31 13 13-0998	LF	32" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.27	162.15
		For Seal Class B, Add	*40.54*	
		For Seal Class A, Add	*86.48*	
		For Work In Restricted Working Space, Add	*81.08*	
23 31 13 13-0999	LF	32" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	321.72	167.07
		For Seal Class B, Add	*41.77*	
		For Seal Class A, Add	*89.10*	
		For Work In Restricted Working Space, Add	*83.53*	
23 31 13 13-1000	LF	32" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	331.19	171.98
		For Seal Class B, Add	*43.00*	
		For Seal Class A, Add	*91.72*	
		For Work In Restricted Working Space, Add	*85.99*	
23 31 13 13-1001	LF	32" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	340.65	176.89
		For Seal Class B, Add	*44.22*	
		For Seal Class A, Add	*94.35*	
		For Work In Restricted Working Space, Add	*88.45*	
23 31 13 13-1002	LF	32" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	350.13	181.81
		For Seal Class B, Add	*45.45*	
		For Seal Class A, Add	*96.97*	
		For Work In Restricted Working Space, Add	*90.91*	
23 31 13 13-1003	LF	32" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.59	186.72
		For Seal Class B, Add	*46.68*	
		For Seal Class A, Add	*99.59*	
		For Work In Restricted Working Space, Add	*93.36*	
23 31 13 13-1004	LF	32" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	369.03	191.65
		For Seal Class B, Add	*47.91*	
		For Seal Class A, Add	*102.20*	
		For Work In Restricted Working Space, Add	*95.82*	
23 31 13 13-1005	LF	32" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	378.50	196.56
		For Seal Class B, Add	*49.14*	
		For Seal Class A, Add	*104.83*	
		For Work In Restricted Working Space, Add	*98.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1006	LF	34" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	321.72	167.07
		For Seal Class B, Add	*41.77*	
		For Seal Class A, Add	*89.10*	
		For Work In Restricted Working Space, Add	*83.53*	
23 31 13 13-1007	LF	34" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	331.19	171.98
		For Seal Class B, Add	*43.00*	
		For Seal Class A, Add	*91.72*	
		For Work In Restricted Working Space, Add	*85.99*	
23 31 13 13-1008	LF	34" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	340.65	176.89
		For Seal Class B, Add	*44.22*	
		For Seal Class A, Add	*94.35*	
		For Work In Restricted Working Space, Add	*88.45*	
23 31 13 13-1009	LF	34" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	350.13	181.81
		For Seal Class B, Add	*45.45*	
		For Seal Class A, Add	*96.97*	
		For Work In Restricted Working Space, Add	*90.91*	
23 31 13 13-1010	LF	34" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.59	186.72
		For Seal Class B, Add	*46.68*	
		For Seal Class A, Add	*99.59*	
		For Work In Restricted Working Space, Add	*93.36*	
23 31 13 13-1011	LF	34" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	369.03	191.65
		For Seal Class B, Add	*47.91*	
		For Seal Class A, Add	*102.20*	
		For Work In Restricted Working Space, Add	*95.82*	
23 31 13 13-1012	LF	34" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	378.50	196.56
		For Seal Class B, Add	*49.14*	
		For Seal Class A, Add	*104.83*	
		For Work In Restricted Working Space, Add	*98.28*	
23 31 13 13-1013	LF	34" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	387.95	201.47
		For Seal Class B, Add	*50.37*	
		For Seal Class A, Add	*107.45*	
		For Work In Restricted Working Space, Add	*100.73*	
23 31 13 13-1014	LF	36" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	340.65	176.89
		For Seal Class B, Add	*44.22*	
		For Seal Class A, Add	*94.35*	
		For Work In Restricted Working Space, Add	*88.45*	
23 31 13 13-1015	LF	36" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	350.13	181.81
		For Seal Class B, Add	*45.45*	
		For Seal Class A, Add	*96.97*	
		For Work In Restricted Working Space, Add	*90.91*	
23 31 13 13-1016	LF	36" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.59	186.72
		For Seal Class B, Add	*46.68*	
		For Seal Class A, Add	*99.59*	
		For Work In Restricted Working Space, Add	*93.36*	
23 31 13 13-1017	LF	36" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	369.03	191.65
		For Seal Class B, Add	*47.91*	
		For Seal Class A, Add	*102.20*	
		For Work In Restricted Working Space, Add	*95.82*	
23 31 13 13-1018	LF	36" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	378.50	196.56
		For Seal Class B, Add	*49.14*	
		For Seal Class A, Add	*104.83*	
		For Work In Restricted Working Space, Add	*98.28*	
23 31 13 13-1019	LF	36" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	387.95	201.47
		For Seal Class B, Add	*50.37*	
		For Seal Class A, Add	*107.45*	
		For Work In Restricted Working Space, Add	*100.73*	
23 31 13 13-1020	LF	36" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	397.43	206.39
		For Seal Class B, Add	*51.59*	
		For Seal Class A, Add	*110.07*	
		For Work In Restricted Working Space, Add	*103.19*	
23 31 13 13-1021	LF	38" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.59	186.72
		For Seal Class B, Add	*46.68*	
		For Seal Class A, Add	*99.59*	
		For Work In Restricted Working Space, Add	*93.36*	
23 31 13 13-1022	LF	38" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	369.03	191.65
		For Seal Class B, Add	*47.91*	
		For Seal Class A, Add	*102.20*	
		For Work In Restricted Working Space, Add	*95.82*	
23 31 13 13-1023	LF	38" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	378.50	196.56
		For Seal Class B, Add	*49.14*	
		For Seal Class A, Add	*104.83*	
		For Work In Restricted Working Space, Add	*98.28*	
23 31 13 13-1024	LF	38" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	387.95	201.47
		For Seal Class B, Add	*50.37*	
		For Seal Class A, Add	*107.45*	
		For Work In Restricted Working Space, Add	*100.73*	
23 31 13 13-1025	LF	38" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	397.43	206.39
		For Seal Class B, Add	*51.59*	
		For Seal Class A, Add	*110.07*	
		For Work In Restricted Working Space, Add	*103.19*	
23 31 13 13-1026	LF	38" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	406.90	211.30
		For Seal Class B, Add	*52.82*	
		For Seal Class A, Add	*112.69*	
		For Work In Restricted Working Space, Add	*105.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1027	LF	38" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	416.36	216.21
		For Seal Class B, Add	*54.05*	
		For Seal Class A, Add	*115.31*	
		For Work In Restricted Working Space, Add	*108.11*	
23 31 13 13-1028	LF	40" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	378.50	196.56
		For Seal Class B, Add	*49.14*	
		For Seal Class A, Add	*104.83*	
		For Work In Restricted Working Space, Add	*98.28*	
23 31 13 13-1029	LF	40" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	387.95	201.47
		For Seal Class B, Add	*50.37*	
		For Seal Class A, Add	*107.45*	
		For Work In Restricted Working Space, Add	*100.73*	
23 31 13 13-1030	LF	40" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	397.43	206.39
		For Seal Class B, Add	*51.59*	
		For Seal Class A, Add	*110.07*	
		For Work In Restricted Working Space, Add	*103.19*	
23 31 13 13-1031	LF	40" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	406.90	211.30
		For Seal Class B, Add	*52.82*	
		For Seal Class A, Add	*112.69*	
		For Work In Restricted Working Space, Add	*105.65*	
23 31 13 13-1032	LF	40" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	416.36	216.21
		For Seal Class B, Add	*54.05*	
		For Seal Class A, Add	*115.31*	
		For Work In Restricted Working Space, Add	*108.11*	
23 31 13 13-1033	LF	40" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	425.82	221.12
		For Seal Class B, Add	*55.28*	
		For Seal Class A, Add	*117.93*	
		For Work In Restricted Working Space, Add	*110.56*	
23 31 13 13-1034	LF	40" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	435.27	226.03
		For Seal Class B, Add	*56.51*	
		For Seal Class A, Add	*120.55*	
		For Work In Restricted Working Space, Add	*113.02*	
23 31 13 13-1035	LF	40" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	444.74	230.94
		For Seal Class B, Add	*57.74*	
		For Seal Class A, Add	*123.17*	
		For Work In Restricted Working Space, Add	*115.47*	
23 31 13 13-1036	LF	40" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	454.21	235.86
		For Seal Class B, Add	*58.97*	
		For Seal Class A, Add	*125.80*	
		For Work In Restricted Working Space, Add	*117.93*	
23 31 13 13-1037	LF	42" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	397.43	206.39
		For Seal Class B, Add	*51.59*	
		For Seal Class A, Add	*110.07*	
		For Work In Restricted Working Space, Add	*103.19*	
23 31 13 13-1038	LF	42" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	406.90	211.30
		For Seal Class B, Add	*52.82*	
		For Seal Class A, Add	*112.69*	
		For Work In Restricted Working Space, Add	*105.65*	
23 31 13 13-1039	LF	42" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	416.36	216.21
		For Seal Class B, Add	*54.05*	
		For Seal Class A, Add	*115.31*	
		For Work In Restricted Working Space, Add	*108.11*	
23 31 13 13-1040	LF	42" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	425.82	221.12
		For Seal Class B, Add	*55.28*	
		For Seal Class A, Add	*117.93*	
		For Work In Restricted Working Space, Add	*110.56*	
23 31 13 13-1041	LF	42" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	435.27	226.03
		For Seal Class B, Add	*56.51*	
		For Seal Class A, Add	*120.55*	
		For Work In Restricted Working Space, Add	*113.02*	
23 31 13 13-1042	LF	42" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	444.74	230.94
		For Seal Class B, Add	*57.74*	
		For Seal Class A, Add	*123.17*	
		For Work In Restricted Working Space, Add	*115.47*	
23 31 13 13-1043	LF	42" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	454.21	235.86
		For Seal Class B, Add	*58.97*	
		For Seal Class A, Add	*125.80*	
		For Work In Restricted Working Space, Add	*117.93*	
23 31 13 13-1044	LF	42" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	463.66	240.77
		For Seal Class B, Add	*60.19*	
		For Seal Class A, Add	*128.41*	
		For Work In Restricted Working Space, Add	*120.39*	
23 31 13 13-1045	LF	44" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	416.36	216.21
		For Seal Class B, Add	*54.05*	
		For Seal Class A, Add	*115.31*	
		For Work In Restricted Working Space, Add	*108.11*	
23 31 13 13-1046	LF	44" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	425.82	221.12
		For Seal Class B, Add	*55.28*	
		For Seal Class A, Add	*117.93*	
		For Work In Restricted Working Space, Add	*110.56*	
23 31 13 13-1047	LF	44" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	435.27	226.03
		For Seal Class B, Add	*56.51*	
		For Seal Class A, Add	*120.55*	
		For Work In Restricted Working Space, Add	*113.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1048	LF	44" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	444.74	230.94
		For Seal Class B, Add	*57.74*	
		For Seal Class A, Add	*123.17*	
		For Work In Restricted Working Space, Add	*115.47*	
23 31 13 13-1049	LF	44" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	454.21	235.86
		For Seal Class B, Add	*58.97*	
		For Seal Class A, Add	*125.80*	
		For Work In Restricted Working Space, Add	*117.93*	
23 31 13 13-1050	LF	44" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	463.66	240.77
		For Seal Class B, Add	*60.19*	
		For Seal Class A, Add	*128.41*	
		For Work In Restricted Working Space, Add	*120.39*	
23 31 13 13-1051	LF	44" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	473.13	245.69
		For Seal Class B, Add	*61.42*	
		For Seal Class A, Add	*131.04*	
		For Work In Restricted Working Space, Add	*122.85*	
23 31 13 13-1052	LF	46" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	435.27	226.03
		For Seal Class B, Add	*56.51*	
		For Seal Class A, Add	*120.55*	
		For Work In Restricted Working Space, Add	*113.02*	
23 31 13 13-1053	LF	46" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	444.74	230.94
		For Seal Class B, Add	*57.74*	
		For Seal Class A, Add	*123.17*	
		For Work In Restricted Working Space, Add	*115.47*	
23 31 13 13-1054	LF	46" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	454.21	235.86
		For Seal Class B, Add	*58.97*	
		For Seal Class A, Add	*125.80*	
		For Work In Restricted Working Space, Add	*117.93*	
23 31 13 13-1055	LF	46" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	463.66	240.77
		For Seal Class B, Add	*60.19*	
		For Seal Class A, Add	*128.41*	
		For Work In Restricted Working Space, Add	*120.39*	
23 31 13 13-1056	LF	46" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	473.13	245.69
		For Seal Class B, Add	*61.42*	
		For Seal Class A, Add	*131.04*	
		For Work In Restricted Working Space, Add	*122.85*	
23 31 13 13-1057	LF	46" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	490.78	255.52
		For Seal Class B, Add	*63.88*	
		For Seal Class A, Add	*136.28*	
		For Work In Restricted Working Space, Add	*127.76*	
23 31 13 13-1058	LF	46" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	500.25	260.43
		For Seal Class B, Add	*65.11*	
		For Seal Class A, Add	*138.90*	
		For Work In Restricted Working Space, Add	*130.22*	
23 31 13 13-1059	LF	48" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	454.21	235.86
		For Seal Class B, Add	*58.97*	
		For Seal Class A, Add	*125.80*	
		For Work In Restricted Working Space, Add	*117.93*	
23 31 13 13-1060	LF	48" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	463.66	240.77
		For Seal Class B, Add	*60.19*	
		For Seal Class A, Add	*128.41*	
		For Work In Restricted Working Space, Add	*120.39*	
23 31 13 13-1061	LF	48" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	473.13	245.69
		For Seal Class B, Add	*61.42*	
		For Seal Class A, Add	*131.04*	
		For Work In Restricted Working Space, Add	*122.85*	
23 31 13 13-1062	LF	48" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	482.58	250.61
		For Seal Class B, Add	*62.65*	
		For Seal Class A, Add	*133.65*	
		For Work In Restricted Working Space, Add	*125.30*	
23 31 13 13-1063	LF	48" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	492.07	255.52
		For Seal Class B, Add	*63.88*	
		For Seal Class A, Add	*136.28*	
		For Work In Restricted Working Space, Add	*127.76*	
23 31 13 13-1064	LF	48" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	501.52	260.43
		For Seal Class B, Add	*65.11*	
		For Seal Class A, Add	*138.90*	
		For Work In Restricted Working Space, Add	*130.22*	
23 31 13 13-1065	LF	48" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	510.98	265.35
		For Seal Class B, Add	*66.34*	
		For Seal Class A, Add	*141.52*	
		For Work In Restricted Working Space, Add	*132.67*	
23 31 13 13-1066	LF	50" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	473.13	245.69
		For Seal Class B, Add	*61.42*	
		For Seal Class A, Add	*131.04*	
		For Work In Restricted Working Space, Add	*122.85*	
23 31 13 13-1067	LF	50" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	482.58	250.61
		For Seal Class B, Add	*62.65*	
		For Seal Class A, Add	*133.65*	
		For Work In Restricted Working Space, Add	*125.30*	
23 31 13 13-1068	LF	50" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	492.07	255.52
		For Seal Class B, Add	*63.88*	
		For Seal Class A, Add	*136.28*	
		For Work In Restricted Working Space, Add	*127.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1069	LF	50" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	501.52	260.43
		For Seal Class B, Add	*65.11*	
		For Seal Class A, Add	*138.90*	
		For Work In Restricted Working Space, Add	*130.22*	
23 31 13 13-1070	LF	50" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	510.98	265.35
		For Seal Class B, Add	*66.34*	
		For Seal Class A, Add	*141.52*	
		For Work In Restricted Working Space, Add	*132.67*	
23 31 13 13-1071	LF	50" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	520.44	270.26
		For Seal Class B, Add	*67.56*	
		For Seal Class A, Add	*144.14*	
		For Work In Restricted Working Space, Add	*135.13*	
23 31 13 13-1072	LF	52" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	492.07	255.52
		For Seal Class B, Add	*63.88*	
		For Seal Class A, Add	*136.28*	
		For Work In Restricted Working Space, Add	*127.76*	
23 31 13 13-1073	LF	52" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	501.52	260.43
		For Seal Class B, Add	*65.11*	
		For Seal Class A, Add	*138.90*	
		For Work In Restricted Working Space, Add	*130.22*	
23 31 13 13-1074	LF	52" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	510.98	265.35
		For Seal Class B, Add	*66.34*	
		For Seal Class A, Add	*141.52*	
		For Work In Restricted Working Space, Add	*132.67*	
23 31 13 13-1075	LF	52" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	520.44	270.26
		For Seal Class B, Add	*67.56*	
		For Seal Class A, Add	*144.14*	
		For Work In Restricted Working Space, Add	*135.13*	
23 31 13 13-1076	LF	52" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	529.91	275.17
		For Seal Class B, Add	*68.79*	
		For Seal Class A, Add	*146.76*	
		For Work In Restricted Working Space, Add	*137.59*	
23 31 13 13-1077	LF	54" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	510.98	265.35
		For Seal Class B, Add	*66.34*	
		For Seal Class A, Add	*141.52*	
		For Work In Restricted Working Space, Add	*132.67*	
23 31 13 13-1078	LF	54" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	520.44	270.26
		For Seal Class B, Add	*67.56*	
		For Seal Class A, Add	*144.14*	
		For Work In Restricted Working Space, Add	*135.13*	
23 31 13 13-1079	LF	54" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	529.91	275.17
		For Seal Class B, Add	*68.79*	
		For Seal Class A, Add	*146.76*	
		For Work In Restricted Working Space, Add	*137.59*	
23 31 13 13-1080	LF	54" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	539.38	280.09
		For Seal Class B, Add	*70.02*	
		For Seal Class A, Add	*149.38*	
		For Work In Restricted Working Space, Add	*140.05*	
23 31 13 13-1081	LF	54" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	548.83	285.00
		For Seal Class B, Add	*71.25*	
		For Seal Class A, Add	*152.00*	
		For Work In Restricted Working Space, Add	*142.50*	
23 31 13 13-1082	LF	54" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	558.29	289.91
		For Seal Class B, Add	*72.48*	
		For Seal Class A, Add	*154.62*	
		For Work In Restricted Working Space, Add	*144.96*	
23 31 13 13-1083	LF	56" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	529.91	275.17
		For Seal Class B, Add	*68.79*	
		For Seal Class A, Add	*146.76*	
		For Work In Restricted Working Space, Add	*137.59*	
23 31 13 13-1084	LF	56" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	539.38	280.09
		For Seal Class B, Add	*70.02*	
		For Seal Class A, Add	*149.38*	
		For Work In Restricted Working Space, Add	*140.05*	
23 31 13 13-1085	LF	56" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	548.83	285.00
		For Seal Class B, Add	*71.25*	
		For Seal Class A, Add	*152.00*	
		For Work In Restricted Working Space, Add	*142.50*	
23 31 13 13-1086	LF	56" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	558.29	289.91
		For Seal Class B, Add	*72.48*	
		For Seal Class A, Add	*154.62*	
		For Work In Restricted Working Space, Add	*144.96*	
23 31 13 13-1087	LF	56" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	567.75	294.83
		For Seal Class B, Add	*73.71*	
		For Seal Class A, Add	*157.24*	
		For Work In Restricted Working Space, Add	*147.41*	
23 31 13 13-1088	LF	58" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	548.83	285.00
		For Seal Class B, Add	*71.25*	
		For Seal Class A, Add	*152.00*	
		For Work In Restricted Working Space, Add	*142.50*	
23 31 13 13-1089	LF	58" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	558.29	289.91
		For Seal Class B, Add	*72.48*	
		For Seal Class A, Add	*154.62*	
		For Work In Restricted Working Space, Add	*144.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1090	LF	58" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	567.75	294.83
		For Seal Class B, Add	*73.71*	
		For Seal Class A, Add	*157.24*	
		For Work In Restricted Working Space, Add	*147.41*	
23 31 13 13-1091	LF	58" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	577.21	299.75
		For Seal Class B, Add	*74.94*	
		For Seal Class A, Add	*159.86*	
		For Work In Restricted Working Space, Add	*149.87*	
23 31 13 13-1092	LF	58" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	586.69	304.65
		For Seal Class B, Add	*76.16*	
		For Seal Class A, Add	*162.48*	
		For Work In Restricted Working Space, Add	*152.33*	
23 31 13 13-1093	LF	60" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	567.75	294.83
		For Seal Class B, Add	*73.71*	
		For Seal Class A, Add	*157.24*	
		For Work In Restricted Working Space, Add	*147.41*	
23 31 13 13-1094	LF	60" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	577.21	299.75
		For Seal Class B, Add	*74.94*	
		For Seal Class A, Add	*159.86*	
		For Work In Restricted Working Space, Add	*149.87*	
23 31 13 13-1095	LF	60" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	586.69	304.65
		For Seal Class B, Add	*76.16*	
		For Seal Class A, Add	*162.48*	
		For Work In Restricted Working Space, Add	*152.33*	
23 31 13 13-1096	LF	60" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	596.15	309.57
		For Seal Class B, Add	*77.39*	
		For Seal Class A, Add	*165.10*	
		For Work In Restricted Working Space, Add	*154.79*	
23 31 13 13-1097	LF	60" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	605.62	314.48
		For Seal Class B, Add	*78.62*	
		For Seal Class A, Add	*167.73*	
		For Work In Restricted Working Space, Add	*157.25*	
23 31 13 13-1098	LF	62" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	586.69	304.65
		For Seal Class B, Add	*76.16*	
		For Seal Class A, Add	*162.48*	
		For Work In Restricted Working Space, Add	*152.33*	
23 31 13 13-1099	LF	62" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	596.15	309.57
		For Seal Class B, Add	*77.39*	
		For Seal Class A, Add	*165.10*	
		For Work In Restricted Working Space, Add	*154.79*	
23 31 13 13-1100	LF	62" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	605.62	314.48
		For Seal Class B, Add	*78.62*	
		For Seal Class A, Add	*167.73*	
		For Work In Restricted Working Space, Add	*157.25*	
23 31 13 13-1101	LF	62" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	615.06	319.39
		For Seal Class B, Add	*79.85*	
		For Seal Class A, Add	*170.35*	
		For Work In Restricted Working Space, Add	*159.70*	
23 31 13 13-1102	LF	62" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	624.52	324.31
		For Seal Class B, Add	*81.08*	
		For Seal Class A, Add	*172.97*	
		For Work In Restricted Working Space, Add	*162.16*	
23 31 13 13-1103	LF	64" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	605.62	314.48
		For Seal Class B, Add	*78.62*	
		For Seal Class A, Add	*167.73*	
		For Work In Restricted Working Space, Add	*157.25*	
23 31 13 13-1104	LF	64" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	615.06	319.39
		For Seal Class B, Add	*79.85*	
		For Seal Class A, Add	*170.35*	
		For Work In Restricted Working Space, Add	*159.70*	
23 31 13 13-1105	LF	64" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	624.52	324.31
		For Seal Class B, Add	*81.08*	
		For Seal Class A, Add	*172.97*	
		For Work In Restricted Working Space, Add	*162.16*	
23 31 13 13-1106	LF	64" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	633.99	329.22
		For Seal Class B, Add	*82.31*	
		For Seal Class A, Add	*175.58*	
		For Work In Restricted Working Space, Add	*164.61*	
23 31 13 13-1107	LF	66" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	624.52	324.31
		For Seal Class B, Add	*81.08*	
		For Seal Class A, Add	*172.97*	
		For Work In Restricted Working Space, Add	*162.16*	
23 31 13 13-1108	LF	66" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	633.99	329.22
		For Seal Class B, Add	*82.31*	
		For Seal Class A, Add	*175.58*	
		For Work In Restricted Working Space, Add	*164.61*	
23 31 13 13-1109	LF	66" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	643.46	334.14
		For Seal Class B, Add	*83.54*	
		For Seal Class A, Add	*178.21*	
		For Work In Restricted Working Space, Add	*167.07*	
23 31 13 13-1110	LF	66" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	652.92	339.05
		For Seal Class B, Add	*84.76*	
		For Seal Class A, Add	*180.83*	
		For Work In Restricted Working Space, Add	*169.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1111	LF	68" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	643.46	334.14
		For Seal Class B, Add	*83.54*	
		For Seal Class A, Add	*178.21*	
		For Work In Restricted Working Space, Add	*167.07*	
23 31 13 13-1112	LF	68" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	652.92	339.05
		For Seal Class B, Add	*84.76*	
		For Seal Class A, Add	*180.83*	
		For Work In Restricted Working Space, Add	*169.53*	
23 31 13 13-1113	LF	68" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	662.38	343.96
		For Seal Class B, Add	*85.99*	
		For Seal Class A, Add	*183.45*	
		For Work In Restricted Working Space, Add	*171.98*	
23 31 13 13-1114	LF	68" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	671.84	348.88
		For Seal Class B, Add	*87.22*	
		For Seal Class A, Add	*186.07*	
		For Work In Restricted Working Space, Add	*174.44*	
23 31 13 13-1115	LF	70" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	662.38	343.96
		For Seal Class B, Add	*85.99*	
		For Seal Class A, Add	*183.45*	
		For Work In Restricted Working Space, Add	*171.98*	
23 31 13 13-1116	LF	70" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	671.84	348.88
		For Seal Class B, Add	*87.22*	
		For Seal Class A, Add	*186.07*	
		For Work In Restricted Working Space, Add	*174.44*	
23 31 13 13-1117	LF	70" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	681.32	353.80
		For Seal Class B, Add	*88.45*	
		For Seal Class A, Add	*188.69*	
		For Work In Restricted Working Space, Add	*176.90*	
23 31 13 13-1118	LF	70" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	690.77	358.71
		For Seal Class B, Add	*89.68*	
		For Seal Class A, Add	*191.31*	
		For Work In Restricted Working Space, Add	*179.36*	
23 31 13 13-1119	LF	70" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	700.22	363.63
		For Seal Class B, Add	*90.90*	
		For Seal Class A, Add	*193.93*	
		For Work In Restricted Working Space, Add	*181.81*	
23 31 13 13-1120	LF	70" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	709.68	368.54
		For Seal Class B, Add	*92.13*	
		For Seal Class A, Add	*196.55*	
		For Work In Restricted Working Space, Add	*184.27*	
23 31 13 13-1121	LF	70" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	719.16	373.45
		For Seal Class B, Add	*93.36*	
		For Seal Class A, Add	*199.18*	
		For Work In Restricted Working Space, Add	*186.73*	
23 31 13 13-1122	LF	70" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	728.63	378.37
		For Seal Class B, Add	*94.59*	
		For Seal Class A, Add	*201.80*	
		For Work In Restricted Working Space, Add	*189.18*	
23 31 13 13-1123	LF	70" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	738.09	383.28
		For Seal Class B, Add	*95.82*	
		For Seal Class A, Add	*204.42*	
		For Work In Restricted Working Space, Add	*191.64*	
23 31 13 13-1124	LF	72" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	681.32	353.80
		For Seal Class B, Add	*88.45*	
		For Seal Class A, Add	*188.69*	
		For Work In Restricted Working Space, Add	*176.90*	
23 31 13 13-1125	LF	72" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	690.77	358.71
		For Seal Class B, Add	*89.68*	
		For Seal Class A, Add	*191.31*	
		For Work In Restricted Working Space, Add	*179.36*	
23 31 13 13-1126	LF	72" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	700.22	363.63
		For Seal Class B, Add	*90.90*	
		For Seal Class A, Add	*193.93*	
		For Work In Restricted Working Space, Add	*181.81*	
23 31 13 13-1127	LF	72" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	709.68	368.54
		For Seal Class B, Add	*92.13*	
		For Seal Class A, Add	*196.55*	
		For Work In Restricted Working Space, Add	*184.27*	
23 31 13 13-1128	LF	72" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	719.16	373.45
		For Seal Class B, Add	*93.36*	
		For Seal Class A, Add	*199.18*	
		For Work In Restricted Working Space, Add	*186.73*	
23 31 13 13-1129	LF	72" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	728.63	378.37
		For Seal Class B, Add	*94.59*	
		For Seal Class A, Add	*201.80*	
		For Work In Restricted Working Space, Add	*189.18*	
23 31 13 13-1130	LF	72" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	738.09	383.28
		For Seal Class B, Add	*95.82*	
		For Seal Class A, Add	*204.42*	
		For Work In Restricted Working Space, Add	*191.64*	
23 31 13 13-1131	LF	72" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	747.54	388.19
		For Seal Class B, Add	*97.05*	
		For Seal Class A, Add	*207.03*	
		For Work In Restricted Working Space, Add	*194.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1132	LF	74" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	700.22	363.63
		For Seal Class B, Add	*90.90*	
		For Seal Class A, Add	*193.93*	
		For Work In Restricted Working Space, Add	*181.81*	
23 31 13 13-1133	LF	74" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	709.68	368.54
		For Seal Class B, Add	*92.13*	
		For Seal Class A, Add	*196.55*	
		For Work In Restricted Working Space, Add	*184.27*	
23 31 13 13-1134	LF	74" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	719.16	373.45
		For Seal Class B, Add	*93.36*	
		For Seal Class A, Add	*199.18*	
		For Work In Restricted Working Space, Add	*186.73*	
23 31 13 13-1135	LF	74" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	728.63	378.37
		For Seal Class B, Add	*94.59*	
		For Seal Class A, Add	*201.80*	
		For Work In Restricted Working Space, Add	*189.18*	
23 31 13 13-1136	LF	74" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	738.09	383.28
		For Seal Class B, Add	*95.82*	
		For Seal Class A, Add	*204.42*	
		For Work In Restricted Working Space, Add	*191.64*	
23 31 13 13-1137	LF	74" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	747.54	388.19
		For Seal Class B, Add	*97.05*	
		For Seal Class A, Add	*207.03*	
		For Work In Restricted Working Space, Add	*194.09*	
23 31 13 13-1138	LF	74" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	757.00	393.11
		For Seal Class B, Add	*98.28*	
		For Seal Class A, Add	*209.65*	
		For Work In Restricted Working Space, Add	*196.55*	
23 31 13 13-1139	LF	76" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	719.16	373.45
		For Seal Class B, Add	*93.36*	
		For Seal Class A, Add	*199.18*	
		For Work In Restricted Working Space, Add	*186.73*	
23 31 13 13-1140	LF	76" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	728.63	378.37
		For Seal Class B, Add	*94.59*	
		For Seal Class A, Add	*201.80*	
		For Work In Restricted Working Space, Add	*189.18*	
23 31 13 13-1141	LF	76" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	738.09	383.28
		For Seal Class B, Add	*95.82*	
		For Seal Class A, Add	*204.42*	
		For Work In Restricted Working Space, Add	*191.64*	
23 31 13 13-1142	LF	76" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	747.54	388.19
		For Seal Class B, Add	*97.05*	
		For Seal Class A, Add	*207.03*	
		For Work In Restricted Working Space, Add	*194.09*	
23 31 13 13-1143	LF	76" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	757.00	393.11
		For Seal Class B, Add	*98.28*	
		For Seal Class A, Add	*209.65*	
		For Work In Restricted Working Space, Add	*196.55*	
23 31 13 13-1144	LF	76" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	766.46	398.01
		For Seal Class B, Add	*99.50*	
		For Seal Class A, Add	*212.28*	
		For Work In Restricted Working Space, Add	*199.01*	
23 31 13 13-1145	LF	78" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	738.09	383.28
		For Seal Class B, Add	*95.82*	
		For Seal Class A, Add	*204.42*	
		For Work In Restricted Working Space, Add	*191.64*	
23 31 13 13-1146	LF	78" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	747.54	388.19
		For Seal Class B, Add	*97.05*	
		For Seal Class A, Add	*207.03*	
		For Work In Restricted Working Space, Add	*194.09*	
23 31 13 13-1147	LF	78" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	757.00	393.11
		For Seal Class B, Add	*98.28*	
		For Seal Class A, Add	*209.65*	
		For Work In Restricted Working Space, Add	*196.55*	
23 31 13 13-1148	LF	78" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	766.46	398.01
		For Seal Class B, Add	*99.50*	
		For Seal Class A, Add	*212.28*	
		For Work In Restricted Working Space, Add	*199.01*	
23 31 13 13-1149	LF	78" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	775.93	402.92
		For Seal Class B, Add	*100.73*	
		For Seal Class A, Add	*214.90*	
		For Work In Restricted Working Space, Add	*201.47*	
23 31 13 13-1150	LF	80" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	757.00	393.11
		For Seal Class B, Add	*98.28*	
		For Seal Class A, Add	*209.65*	
		For Work In Restricted Working Space, Add	*196.55*	
23 31 13 13-1151	LF	80" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	766.46	398.01
		For Seal Class B, Add	*99.50*	
		For Seal Class A, Add	*212.28*	
		For Work In Restricted Working Space, Add	*199.01*	
23 31 13 13-1152	LF	80" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	775.93	402.92
		For Seal Class B, Add	*100.73*	
		For Seal Class A, Add	*214.90*	
		For Work In Restricted Working Space, Add	*201.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1153	LF	80" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	793.58	412.76
		For Seal Class B, Add	*103.19*	
		For Seal Class A, Add	*220.14*	
		For Work In Restricted Working Space, Add	*206.38*	
23 31 13 13-1154	LF	82" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	775.93	402.92
		For Seal Class B, Add	*100.73*	
		For Seal Class A, Add	*214.90*	
		For Work In Restricted Working Space, Add	*201.47*	
23 31 13 13-1155	LF	82" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	785.40	407.85
		For Seal Class B, Add	*101.96*	
		For Seal Class A, Add	*217.52*	
		For Work In Restricted Working Space, Add	*203.93*	
23 31 13 13-1156	LF	82" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	794.85	412.76
		For Seal Class B, Add	*103.19*	
		For Seal Class A, Add	*220.14*	
		For Work In Restricted Working Space, Add	*206.38*	
23 31 13 13-1157	LF	84" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	794.85	412.76
		For Seal Class B, Add	*103.19*	
		For Seal Class A, Add	*220.14*	
		For Work In Restricted Working Space, Add	*206.38*	
23 31 13 13-1158	LF	84" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	804.32	417.67
		For Seal Class B, Add	*104.42*	
		For Seal Class A, Add	*222.76*	
		For Work In Restricted Working Space, Add	*208.84*	
23 31 13 13-1159	LF	86" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	813.77	422.59
		For Seal Class B, Add	*105.65*	
		For Seal Class A, Add	*225.38*	
		For Work In Restricted Working Space, Add	*211.29*	

23 31 13 16 Round and Flat-Oval Spiral Ducts *(23 31 13)*

23 31 13 16-0001 Low Pressure Round And Flat-Oval Duct *(23 31 13 16)*

Note: 7" diameter round = 4" x 11.85" flat oval. 8" diameter round = 4" x 15" flat oval. 10" diameter round = 4" x 25.99" or 6" x 15.42" or 8" x 11.14" flat oval. 12" diameter round = 6" x 23.28" or 8" x 15.85" flat oval. 14" diameter round = 6" x 32.70" or 8" x 22.14" or 10" x 17.85 or 12" x 15.14" flat oval. 16" diameter round = 6" x 43.70" or 8" x 29.99" or 10" x 24.14" or 12" x 19.85" or 14" x 17.14" flat oval. 18" diameter round = 6" x 59.41" or 8" x 39.42" or 10" x 30.42" or 12" x 24.57" or 14" x 21.85" or 16" x 19.14" flat oval. 20" diameter round = 8" x 51.98" or 10" x 38.27" or 12" x 30.85" or 14" x 26.57" or 16" x 23.85" or 18" x 21.14" flat oval. Includes sealing the joints by tape, mastic, or spray on sealer.

23 31 13 16-0002 Galvanized Sheet Metal Round And Flat-Oval Ducts *(23 31 13 16-0001)*

Note: Includes straps and supports.

23 31 13 16-0003	LF	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	6.64	2.38
		For Seal Class B, Add	*0.73*	
		For Seal Class A, Add	*1.94*	
		For Up To 20', Add	*0.53*	
		For >20' To 50', Add	*0.21*	
		For >200' To 500', Deduct	*-0.13*	
		For >500', Deduct	*-0.22*	
		For 28 Gauge, Deduct	*-0.25*	
		For 24 Gauge, Add	*0.25*	
		For 22 Gauge, Add	*0.49*	
		For 20 Gauge, Add	*0.74*	
		For 18 Gauge, Add	*0.98*	
		For 16 Gauge, Add	*1.20*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.32*	
		For Work In Restricted Working Space, Add	*1.46*	
		For Elevated Installation >10' To 15', Add	*0.49*	
		For Elevated Installation >15' To 20', Add	*0.97*	
		For Elevated Installation >20' To 25', Add	*1.22*	
		For Elevated Installation >25' To 30', Add	*1.70*	
		For Elevated Installation >30' To 35', Add	*1.94*	
		For Elevated Installation >35' To 40', Add	*2.43*	
		For Elevated Installation >40', Add	*2.67*	
23 31 13 16-0004	LF	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	7.65	2.70
		For Seal Class B, Add	*0.81*	
		For Seal Class A, Add	*2.16*	
		For Up To 20', Add	*0.68*	
		For >20' To 50', Add	*0.27*	
		For >200' To 500', Deduct	*-0.17*	
		For >500', Deduct	*-0.28*	
		For 28 Gauge, Deduct	*-0.31*	
		For 24 Gauge, Add	*0.31*	
		For 22 Gauge, Add	*0.62*	
		For 20 Gauge, Add	*0.93*	
		For 18 Gauge, Add	*1.24*	
		For 16 Gauge, Add	*1.52*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.67*	
		For Work In Restricted Working Space, Add	*1.62*	
		For Elevated Installation >10' To 15', Add	*0.54*	
		For Elevated Installation >15' To 20', Add	*1.08*	
		For Elevated Installation >20' To 25', Add	*1.35*	
		For Elevated Installation >25' To 30', Add	*1.89*	
		For Elevated Installation >30' To 35', Add	*2.16*	
		For Elevated Installation >35' To 40', Add	*2.70*	
		For Elevated Installation >40', Add	*2.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0005	LF	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	8.67	3.24
		For Seal Class B, Add	*0.91*	
		For Seal Class A, Add	*2.43*	
		For Up To 20', Add	*0.78*	
		For >20' To 50', Add	*0.31*	
		For >200' To 500', Deduct	*-0.19*	
		For >500', Deduct	*-0.32*	
		For 28 Gauge, Deduct	*-0.36*	
		For 24 Gauge, Add	*0.36*	
		For 22 Gauge, Add	*0.71*	
		For 20 Gauge, Add	*1.07*	
		For 18 Gauge, Add	*1.42*	
		For 16 Gauge, Add	*1.75*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.92*	
		For Work In Restricted Working Space, Add	*1.82*	
		For Elevated Installation >10' To 15', Add	*0.61*	
		For Elevated Installation >15' To 20', Add	*1.22*	
		For Elevated Installation >20' To 25', Add	*1.52*	
		For Elevated Installation >25' To 30', Add	*2.13*	
		For Elevated Installation >30' To 35', Add	*2.43*	
		For Elevated Installation >35' To 40', Add	*3.04*	
		For Elevated Installation >40', Add	*3.34*	
23 31 13 16-0006	LF	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	9.74	3.78
		For Seal Class B, Add	*1.04*	
		For Seal Class A, Add	*2.78*	
		For Up To 20', Add	*0.84*	
		For >20' To 50', Add	*0.34*	
		For >200' To 500', Deduct	*-0.21*	
		For >500', Deduct	*-0.35*	
		For 28 Gauge, Deduct	*-0.39*	
		For 24 Gauge, Add	*0.39*	
		For 22 Gauge, Add	*0.77*	
		For 20 Gauge, Add	*1.16*	
		For 18 Gauge, Add	*1.54*	
		For 16 Gauge, Add	*1.89*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.07*	
		For Work In Restricted Working Space, Add	*2.08*	
		For Elevated Installation >10' To 15', Add	*0.69*	
		For Elevated Installation >15' To 20', Add	*1.39*	
		For Elevated Installation >20' To 25', Add	*1.74*	
		For Elevated Installation >25' To 30', Add	*2.43*	
		For Elevated Installation >30' To 35', Add	*2.78*	
		For Elevated Installation >35' To 40', Add	*3.47*	
		For Elevated Installation >40', Add	*3.82*	
23 31 13 16-0007	LF	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	11.10	4.32
		For Seal Class B, Add	*1.22*	
		For Seal Class A, Add	*3.24*	
		For Up To 20', Add	*0.90*	
		For >20' To 50', Add	*0.36*	
		For >200' To 500', Deduct	*-0.23*	
		For >500', Deduct	*-0.38*	
		For 28 Gauge, Deduct	*-0.42*	
		For 24 Gauge, Add	*0.41*	
		For 22 Gauge, Add	*0.83*	
		For 20 Gauge, Add	*1.24*	
		For 18 Gauge, Add	*1.65*	
		For 16 Gauge, Add	*2.03*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.22*	
		For Work In Restricted Working Space, Add	*2.43*	
		For Elevated Installation >10' To 15', Add	*0.81*	
		For Elevated Installation >15' To 20', Add	*1.62*	
		For Elevated Installation >20' To 25', Add	*2.03*	
		For Elevated Installation >25' To 30', Add	*2.84*	
		For Elevated Installation >30' To 35', Add	*3.24*	
		For Elevated Installation >35' To 40', Add	*4.05*	
		For Elevated Installation >40', Add	*4.46*	
23 31 13 16-0008	LF	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	14.09	5.40
		For Seal Class B, Add	*1.46*	
		For Seal Class A, Add	*3.89*	
		For Up To 20', Add	*1.31*	
		For >20' To 50', Add	*0.52*	
		For >200' To 500', Deduct	*-0.33*	
		For >500', Deduct	*-0.55*	
		For 28 Gauge, Deduct	*-0.61*	
		For 24 Gauge, Add	*0.60*	
		For 22 Gauge, Add	*1.20*	
		For 20 Gauge, Add	*1.81*	
		For 18 Gauge, Add	*2.40*	
		For 16 Gauge, Add	*2.95*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.23*	
		For Work In Restricted Working Space, Add	*2.92*	
		For Elevated Installation >10' To 15', Add	*0.97*	
		For Elevated Installation >15' To 20', Add	*1.94*	
		For Elevated Installation >20' To 25', Add	*2.43*	
		For Elevated Installation >25' To 30', Add	*3.40*	
		For Elevated Installation >30' To 35', Add	*3.89*	
		For Elevated Installation >35' To 40', Add	*4.86*	
		For Elevated Installation >40', Add	*5.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0009	LF	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	17.26	7.24
		For Seal Class B, Add	*1.82*	
		For Seal Class A, Add	*4.86*	
		For Up To 20', Add	*1.53*	
		For >20' To 50', Add	*0.61*	
		For >200' To 500', Deduct	*-0.38*	
		For >500', Deduct	*-0.64*	
		For 28 Gauge, Deduct	*-0.71*	
		For 24 Gauge, Add	*0.71*	
		For 22 Gauge, Add	*1.41*	
		For 20 Gauge, Add	*2.12*	
		For 18 Gauge, Add	*2.81*	
		For 16 Gauge, Add	*3.45*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.78*	
		For Work In Restricted Working Space, Add	*3.65*	
		For Elevated Installation >10' To 15', Add	*1.22*	
		For Elevated Installation >15' To 20', Add	*2.43*	
		For Elevated Installation >20' To 25', Add	*3.04*	
		For Elevated Installation >25' To 30', Add	*4.25*	
		For Elevated Installation >30' To 35', Add	*4.86*	
		For Elevated Installation >35' To 40', Add	*6.08*	
		For Elevated Installation >40', Add	*6.68*	
23 31 13 16-0010	LF	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	20.99	10.80
		For Seal Class B, Add	*2.28*	
		For Seal Class A, Add	*6.08*	
		For Up To 20', Add	*1.74*	
		For >20' To 50', Add	*0.70*	
		For >200' To 500', Deduct	*-0.44*	
		For >500', Deduct	*-0.73*	
		For 28 Gauge, Deduct	*-0.80*	
		For 24 Gauge, Add	*0.80*	
		For 22 Gauge, Add	*1.60*	
		For 20 Gauge, Add	*2.40*	
		For 18 Gauge, Add	*3.19*	
		For 16 Gauge, Add	*3.92*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.29*	
		For Work In Restricted Working Space, Add	*4.56*	
		For Elevated Installation >10' To 15', Add	*1.52*	
		For Elevated Installation >15' To 20', Add	*3.04*	
		For Elevated Installation >20' To 25', Add	*3.80*	
		For Elevated Installation >25' To 30', Add	*5.32*	
		For Elevated Installation >30' To 35', Add	*6.08*	
		For Elevated Installation >35' To 40', Add	*7.60*	
		For Elevated Installation >40', Add	*8.35*	
23 31 13 16-0011	LF	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	28.23	14.47
		For Seal Class B, Add	*3.04*	
		For Seal Class A, Add	*8.10*	
		For Up To 20', Add	*2.39*	
		For >20' To 50', Add	*0.96*	
		For >200' To 500', Deduct	*-0.60*	
		For >500', Deduct	*-1.00*	
		For 28 Gauge, Deduct	*-1.10*	
		For 24 Gauge, Add	*1.10*	
		For 22 Gauge, Add	*2.20*	
		For 20 Gauge, Add	*3.30*	
		For 18 Gauge, Add	*4.38*	
		For 16 Gauge, Add	*5.38*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.90*	
		For Work In Restricted Working Space, Add	*6.08*	
		For Elevated Installation >10' To 15', Add	*2.03*	
		For Elevated Installation >15' To 20', Add	*4.05*	
		For Elevated Installation >20' To 25', Add	*5.07*	
		For Elevated Installation >25' To 30', Add	*7.09*	
		For Elevated Installation >30' To 35', Add	*8.10*	
		For Elevated Installation >35' To 40', Add	*10.13*	
		For Elevated Installation >40', Add	*11.14*	
23 31 13 16-0012	LF	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	39.72	17.39
		For Up To 20', Add	*4.62*	
		For >20' To 50', Add	*1.85*	
		For >200' To 500', Deduct	*-1.16*	
		For >500', Deduct	*-1.93*	
		For 28 Gauge, Deduct	*-2.13*	
		For 24 Gauge, Add	*2.13*	
		For 22 Gauge, Add	*4.25*	
		For 20 Gauge, Add	*6.38*	
		For 18 Gauge, Add	*8.48*	
		For 16 Gauge, Add	*10.40*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.40*	
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0013	LF	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	45.29	20.09
		For Up To 20', Add	*5.16*	
		For >20' To 50', Add	*2.06*	
		For >200' To 500', Deduct	*-1.29*	
		For >500', Deduct	*-2.15*	
		For 28 Gauge, Deduct	*-2.38*	
		For 24 Gauge, Add	*2.37*	
		For 22 Gauge, Add	*4.74*	
		For 20 Gauge, Add	*7.12*	
		For 18 Gauge, Add	*9.46*	
		For 16 Gauge, Add	*11.61*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*12.73*	
		For Work In Restricted Working Space, Add	*8.43*	
		For Elevated Installation >10' To 15', Add	*2.81*	
		For Elevated Installation >15' To 20', Add	*5.62*	
		For Elevated Installation >20' To 25', Add	*7.02*	
		For Elevated Installation >25' To 30', Add	*9.83*	
		For Elevated Installation >30' To 35', Add	*11.24*	
		For Elevated Installation >35' To 40', Add	*14.05*	
		For Elevated Installation >40', Add	*15.45*	

23 31 13 16-0014 Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbows *(23 31 13 16-0001)*

Note: Up to 90 degree.

23 31 13 16-0015	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	33.92	14.42
		For Seal Class B, Add	*4.33*	
		For Seal Class A, Add	*11.54*	
		For 28 Gauge, Deduct	*-0.70*	
		For 24 Gauge, Add	*0.70*	
		For 22 Gauge, Add	*1.40*	
		For 20 Gauge, Add	*2.10*	
		For 18 Gauge, Add	*2.79*	
		For 16 Gauge, Add	*3.43*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.76*	
		For Work In Restricted Working Space, Add	*8.65*	
		For Elevated Installation >10' To 15', Add	*2.88*	
		For Elevated Installation >15' To 20', Add	*5.77*	
		For Elevated Installation >20' To 25', Add	*7.21*	
		For Elevated Installation >25' To 30', Add	*10.09*	
		For Elevated Installation >30' To 35', Add	*11.54*	
		For Elevated Installation >35' To 40', Add	*14.42*	
		For Elevated Installation >40', Add	*15.86*	
23 31 13 16-0016	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	38.80	16.64
		For Seal Class B, Add	*4.99*	
		For Seal Class A, Add	*13.31*	
		For 28 Gauge, Deduct	*-0.77*	
		For 24 Gauge, Add	*0.76*	
		For 22 Gauge, Add	*1.52*	
		For 20 Gauge, Add	*2.29*	
		For 18 Gauge, Add	*3.04*	
		For 16 Gauge, Add	*3.73*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.09*	
		For Work In Restricted Working Space, Add	*9.98*	
		For Elevated Installation >10' To 15', Add	*3.33*	
		For Elevated Installation >15' To 20', Add	*6.65*	
		For Elevated Installation >20' To 25', Add	*8.32*	
		For Elevated Installation >25' To 30', Add	*11.64*	
		For Elevated Installation >30' To 35', Add	*13.31*	
		For Elevated Installation >35' To 40', Add	*16.64*	
		For Elevated Installation >40', Add	*18.30*	
23 31 13 16-0017	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	45.53	19.66
		For Seal Class B, Add	*5.90*	
		For Seal Class A, Add	*15.73*	
		For 28 Gauge, Deduct	*-0.86*	
		For 24 Gauge, Add	*0.86*	
		For 22 Gauge, Add	*1.71*	
		For 20 Gauge, Add	*2.57*	
		For 18 Gauge, Add	*3.42*	
		For 16 Gauge, Add	*4.19*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.60*	
		For Work In Restricted Working Space, Add	*11.80*	
		For Elevated Installation >10' To 15', Add	*3.93*	
		For Elevated Installation >15' To 20', Add	*7.86*	
		For Elevated Installation >20' To 25', Add	*9.83*	
		For Elevated Installation >25' To 30', Add	*13.76*	
		For Elevated Installation >30' To 35', Add	*15.73*	
		For Elevated Installation >35' To 40', Add	*19.66*	
		For Elevated Installation >40', Add	*21.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0018	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	58.19	25.27
		For Seal Class B, Add	*7.58*	
		For Seal Class A, Add	*20.22*	
		For 28 Gauge, Deduct	*-1.06*	
		For 24 Gauge, Add	*1.05*	
		For 22 Gauge, Add	*2.10*	
		For 20 Gauge, Add	*3.16*	
		For 18 Gauge, Add	*4.20*	
		For 16 Gauge, Add	*5.16*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.65*	
		For Work In Restricted Working Space, Add	*15.17*	
		For Elevated Installation >10' To 15', Add	*5.06*	
		For Elevated Installation >15' To 20', Add	*10.11*	
		For Elevated Installation >20' To 25', Add	*12.64*	
		For Elevated Installation >25' To 30', Add	*17.69*	
		For Elevated Installation >30' To 35', Add	*20.22*	
		For Elevated Installation >35' To 40', Add	*25.28*	
		For Elevated Installation >40', Add	*27.80*	
23 31 13 16-0019	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	69.82	30.79
		For Seal Class B, Add	*9.24*	
		For Seal Class A, Add	*24.63*	
		For 28 Gauge, Deduct	*-1.14*	
		For 24 Gauge, Add	*1.14*	
		For 22 Gauge, Add	*2.27*	
		For 20 Gauge, Add	*3.42*	
		For 18 Gauge, Add	*4.54*	
		For 16 Gauge, Add	*5.57*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.11*	
		For Work In Restricted Working Space, Add	*18.47*	
		For Elevated Installation >10' To 15', Add	*6.16*	
		For Elevated Installation >15' To 20', Add	*12.31*	
		For Elevated Installation >20' To 25', Add	*15.39*	
		For Elevated Installation >25' To 30', Add	*21.55*	
		For Elevated Installation >30' To 35', Add	*24.63*	
		For Elevated Installation >35' To 40', Add	*30.79*	
		For Elevated Installation >40', Add	*33.86*	
23 31 13 16-0020	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	107.03	48.07
		For Seal Class B, Add	*14.42*	
		For Seal Class A, Add	*38.46*	
		For 28 Gauge, Deduct	*-1.51*	
		For 24 Gauge, Add	*1.50*	
		For 22 Gauge, Add	*3.00*	
		For 20 Gauge, Add	*4.51*	
		For 18 Gauge, Add	*5.99*	
		For 16 Gauge, Add	*7.35*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.06*	
		For Work In Restricted Working Space, Add	*28.84*	
		For Elevated Installation >10' To 15', Add	*9.61*	
		For Elevated Installation >15' To 20', Add	*19.23*	
		For Elevated Installation >20' To 25', Add	*24.04*	
		For Elevated Installation >25' To 30', Add	*33.65*	
		For Elevated Installation >30' To 35', Add	*38.46*	
		For Elevated Installation >35' To 40', Add	*48.07*	
		For Elevated Installation >40', Add	*52.88*	
23 31 13 16-0021	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	147.61	66.43
		For Seal Class B, Add	*19.93*	
		For Seal Class A, Add	*53.14*	
		For 28 Gauge, Deduct	*-2.04*	
		For 24 Gauge, Add	*2.04*	
		For 22 Gauge, Add	*4.06*	
		For 20 Gauge, Add	*6.11*	
		For 18 Gauge, Add	*8.11*	
		For 16 Gauge, Add	*9.96*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.92*	
		For Work In Restricted Working Space, Add	*39.86*	
		For Elevated Installation >10' To 15', Add	*13.29*	
		For Elevated Installation >15' To 20', Add	*26.57*	
		For Elevated Installation >20' To 25', Add	*33.22*	
		For Elevated Installation >25' To 30', Add	*46.50*	
		For Elevated Installation >30' To 35', Add	*53.14*	
		For Elevated Installation >35' To 40', Add	*66.43*	
		For Elevated Installation >40', Add	*73.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0022	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	179.78	78.58
		For Seal Class B, Add	*23.58*	
		For Seal Class A, Add	*62.87*	
		For 28 Gauge, Deduct	*-3.13*	
		For 24 Gauge, Add	*3.12*	
		For 22 Gauge, Add	*6.23*	
		For 20 Gauge, Add	*9.36*	
		For 18 Gauge, Add	*12.44*	
		For 16 Gauge, Add	*15.26*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.73*	
		For Work In Restricted Working Space, Add	*47.15*	
		For Elevated Installation >10' To 15', Add	*15.72*	
		For Elevated Installation >15' To 20', Add	*31.43*	
		For Elevated Installation >20' To 25', Add	*39.29*	
		For Elevated Installation >25' To 30', Add	*55.01*	
		For Elevated Installation >30' To 35', Add	*62.87*	
		For Elevated Installation >35' To 40', Add	*78.59*	
		For Elevated Installation >40', Add	*86.44*	
23 31 13 16-0023	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	205.24	86.41
		For Seal Class B, Add	*25.92*	
		For Seal Class A, Add	*69.13*	
		For 28 Gauge, Deduct	*-4.49*	
		For 24 Gauge, Add	*4.47*	
		For 22 Gauge, Add	*8.93*	
		For 20 Gauge, Add	*13.42*	
		For 18 Gauge, Add	*17.83*	
		For 16 Gauge, Add	*21.88*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.98*	
		For Work In Restricted Working Space, Add	*51.85*	
		For Elevated Installation >10' To 15', Add	*17.28*	
		For Elevated Installation >15' To 20', Add	*34.57*	
		For Elevated Installation >20' To 25', Add	*43.21*	
		For Elevated Installation >25' To 30', Add	*60.49*	
		For Elevated Installation >30' To 35', Add	*69.13*	
		For Elevated Installation >35' To 40', Add	*86.42*	
		For Elevated Installation >40', Add	*95.06*	
23 31 13 16-0024	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	228.36	89.92
		For Seal Class B, Add	*26.98*	
		For Seal Class A, Add	*71.94*	
		For 28 Gauge, Deduct	*-6.72*	
		For 24 Gauge, Add	*6.70*	
		For 22 Gauge, Add	*13.37*	
		For 20 Gauge, Add	*20.09*	
		For 18 Gauge, Add	*26.69*	
		For 16 Gauge, Add	*32.75*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*35.90*	
		For Work In Restricted Working Space, Add	*53.95*	
		For Elevated Installation >10' To 15', Add	*17.98*	
		For Elevated Installation >15' To 20', Add	*35.97*	
		For Elevated Installation >20' To 25', Add	*44.96*	
		For Elevated Installation >25' To 30', Add	*62.94*	
		For Elevated Installation >30' To 35', Add	*71.94*	
		For Elevated Installation >35' To 40', Add	*89.92*	
		For Elevated Installation >40', Add	*98.91*	
23 31 13 16-0025	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	250.47	92.89
		For Seal Class B, Add	*27.87*	
		For Seal Class A, Add	*74.31*	
		For 28 Gauge, Deduct	*-8.96*	
		For 24 Gauge, Add	*8.93*	
		For 22 Gauge, Add	*17.82*	
		For 20 Gauge, Add	*26.78*	
		For 18 Gauge, Add	*35.58*	
		For 16 Gauge, Add	*43.67*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*47.87*	
		For Work In Restricted Working Space, Add	*55.73*	
		For Elevated Installation >10' To 15', Add	*18.58*	
		For Elevated Installation >15' To 20', Add	*37.16*	
		For Elevated Installation >20' To 25', Add	*46.45*	
		For Elevated Installation >25' To 30', Add	*65.02*	
		For Elevated Installation >30' To 35', Add	*74.31*	
		For Elevated Installation >35' To 40', Add	*92.89*	
		For Elevated Installation >40', Add	*102.18*	

23 31 13 16-0026 Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbows *(23 31 13 16-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0027	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	28.58	9.72
		For Seal Class B, Add	*3.65*	
		For Seal Class A, Add	*9.72*	
		For 28 Gauge, Deduct	*-0.59*	
		For 24 Gauge, Add	*0.59*	
		For 22 Gauge, Add	*1.18*	
		For 20 Gauge, Add	*1.77*	
		For 18 Gauge, Add	*2.35*	
		For 16 Gauge, Add	*2.88*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.16*	
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	
23 31 13 16-0028	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	32.64	11.13
		For Seal Class B, Add	*4.17*	
		For Seal Class A, Add	*11.11*	
		For 28 Gauge, Deduct	*-0.67*	
		For 24 Gauge, Add	*0.67*	
		For 22 Gauge, Add	*1.34*	
		For 20 Gauge, Add	*2.02*	
		For 18 Gauge, Add	*2.68*	
		For 16 Gauge, Add	*3.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.60*	
		For Work In Restricted Working Space, Add	*8.33*	
		For Elevated Installation >10' To 15', Add	*2.78*	
		For Elevated Installation >15' To 20', Add	*5.55*	
		For Elevated Installation >20' To 25', Add	*6.94*	
		For Elevated Installation >25' To 30', Add	*9.72*	
		For Elevated Installation >30' To 35', Add	*11.11*	
		For Elevated Installation >35' To 40', Add	*13.89*	
		For Elevated Installation >40', Add	*15.27*	
23 31 13 16-0029	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	37.95	12.96
		For Seal Class B, Add	*4.86*	
		For Seal Class A, Add	*12.96*	
		For 28 Gauge, Deduct	*-0.77*	
		For 24 Gauge, Add	*0.76*	
		For 22 Gauge, Add	*1.53*	
		For 20 Gauge, Add	*2.29*	
		For 18 Gauge, Add	*3.05*	
		For 16 Gauge, Add	*3.74*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.10*	
		For Work In Restricted Working Space, Add	*9.72*	
		For Elevated Installation >10' To 15', Add	*3.24*	
		For Elevated Installation >15' To 20', Add	*6.48*	
		For Elevated Installation >20' To 25', Add	*8.10*	
		For Elevated Installation >25' To 30', Add	*11.34*	
		For Elevated Installation >30' To 35', Add	*12.96*	
		For Elevated Installation >35' To 40', Add	*16.21*	
		For Elevated Installation >40', Add	*17.83*	
23 31 13 16-0030	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	44.76	15.55
		For Seal Class B, Add	*5.83*	
		For Seal Class A, Add	*15.56*	
		For 28 Gauge, Deduct	*-0.81*	
		For 24 Gauge, Add	*0.81*	
		For 22 Gauge, Add	*1.62*	
		For 20 Gauge, Add	*2.43*	
		For 18 Gauge, Add	*3.23*	
		For 16 Gauge, Add	*3.96*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.34*	
		For Work In Restricted Working Space, Add	*11.67*	
		For Elevated Installation >10' To 15', Add	*3.89*	
		For Elevated Installation >15' To 20', Add	*7.78*	
		For Elevated Installation >20' To 25', Add	*9.72*	
		For Elevated Installation >25' To 30', Add	*13.61*	
		For Elevated Installation >30' To 35', Add	*15.56*	
		For Elevated Installation >35' To 40', Add	*19.45*	
		For Elevated Installation >40', Add	*21.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0031	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	55.41	19.44
		For Seal Class B, Add	*7.29*	
		For Seal Class A, Add	*19.44*	
		For 28 Gauge, Deduct	*-0.94*	
		For 24 Gauge, Add	*0.94*	
		For 22 Gauge, Add	*1.88*	
		For 20 Gauge, Add	*2.82*	
		For 18 Gauge, Add	*3.75*	
		For 16 Gauge, Add	*4.60*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.04*	
		For Work In Restricted Working Space, Add	*14.58*	
		For Elevated Installation >10' To 15', Add	*4.86*	
		For Elevated Installation >15' To 20', Add	*9.72*	
		For Elevated Installation >20' To 25', Add	*12.15*	
		For Elevated Installation >25' To 30', Add	*17.01*	
		For Elevated Installation >30' To 35', Add	*19.44*	
		For Elevated Installation >35' To 40', Add	*24.30*	
		For Elevated Installation >40', Add	*26.73*	
23 31 13 16-0032	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	74.54	25.92
		For Seal Class B, Add	*9.72*	
		For Seal Class A, Add	*25.92*	
		For 28 Gauge, Deduct	*-1.35*	
		For 24 Gauge, Add	*1.34*	
		For 22 Gauge, Add	*2.68*	
		For 20 Gauge, Add	*4.03*	
		For 18 Gauge, Add	*5.35*	
		For 16 Gauge, Add	*6.57*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.20*	
		For Work In Restricted Working Space, Add	*19.44*	
		For Elevated Installation >10' To 15', Add	*6.48*	
		For Elevated Installation >15' To 20', Add	*12.96*	
		For Elevated Installation >20' To 25', Add	*16.20*	
		For Elevated Installation >25' To 30', Add	*22.68*	
		For Elevated Installation >30' To 35', Add	*25.92*	
		For Elevated Installation >35' To 40', Add	*32.41*	
		For Elevated Installation >40', Add	*35.65*	
23 31 13 16-0033	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	110.10	38.89
		For Seal Class B, Add	*14.58*	
		For Seal Class A, Add	*38.89*	
		For 28 Gauge, Deduct	*-1.78*	
		For 24 Gauge, Add	*1.78*	
		For 22 Gauge, Add	*3.55*	
		For 20 Gauge, Add	*5.33*	
		For 18 Gauge, Add	*7.08*	
		For 16 Gauge, Add	*8.69*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.53*	
		For Work In Restricted Working Space, Add	*29.17*	
		For Elevated Installation >10' To 15', Add	*9.72*	
		For Elevated Installation >15' To 20', Add	*19.44*	
		For Elevated Installation >20' To 25', Add	*24.31*	
		For Elevated Installation >25' To 30', Add	*34.03*	
		For Elevated Installation >30' To 35', Add	*38.89*	
		For Elevated Installation >35' To 40', Add	*48.61*	
		For Elevated Installation >40', Add	*53.47*	
23 31 13 16-0034	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	148.33	49.69
		For Seal Class B, Add	*18.63*	
		For Seal Class A, Add	*49.69*	
		For 28 Gauge, Deduct	*-3.34*	
		For 24 Gauge, Add	*3.33*	
		For 22 Gauge, Add	*6.64*	
		For 20 Gauge, Add	*9.98*	
		For 18 Gauge, Add	*13.26*	
		For 16 Gauge, Add	*16.27*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.84*	
		For Work In Restricted Working Space, Add	*37.27*	
		For Elevated Installation >10' To 15', Add	*12.42*	
		For Elevated Installation >15' To 20', Add	*24.84*	
		For Elevated Installation >20' To 25', Add	*31.06*	
		For Elevated Installation >25' To 30', Add	*43.48*	
		For Elevated Installation >30' To 35', Add	*49.69*	
		For Elevated Installation >35' To 40', Add	*62.11*	
		For Elevated Installation >40', Add	*68.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0035	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	186.12	62.65
		For Seal Class B, Add	*23.49*	
		For Seal Class A, Add	*62.65*	
		For 28 Gauge, Deduct	*-4.09*	
		For 24 Gauge, Add	*4.07*	
		For 22 Gauge, Add	*8.13*	
		For 20 Gauge, Add	*12.21*	
		For 18 Gauge, Add	*16.23*	
		For 16 Gauge, Add	*19.91*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*21.83*	
		For Work In Restricted Working Space, Add	*46.99*	
		For Elevated Installation >10' To 15', Add	*15.66*	
		For Elevated Installation >15' To 20', Add	*31.32*	
		For Elevated Installation >20' To 25', Add	*39.16*	
		For Elevated Installation >25' To 30', Add	*54.82*	
		For Elevated Installation >30' To 35', Add	*62.65*	
		For Elevated Installation >35' To 40', Add	*78.31*	
		For Elevated Installation >40', Add	*86.14*	
23 31 13 16-0036	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	208.92	65.35
		For Seal Class B, Add	*24.47*	
		For Seal Class A, Add	*65.24*	
		For 28 Gauge, Deduct	*-6.35*	
		For 24 Gauge, Add	*6.32*	
		For 22 Gauge, Add	*12.62*	
		For 20 Gauge, Add	*18.97*	
		For 18 Gauge, Add	*25.20*	
		For 16 Gauge, Add	*30.93*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*33.91*	
		For Work In Restricted Working Space, Add	*48.93*	
		For Elevated Installation >10' To 15', Add	*16.31*	
		For Elevated Installation >15' To 20', Add	*32.62*	
		For Elevated Installation >20' To 25', Add	*40.78*	
		For Elevated Installation >25' To 30', Add	*57.09*	
		For Elevated Installation >30' To 35', Add	*65.24*	
		For Elevated Installation >35' To 40', Add	*81.55*	
		For Elevated Installation >40', Add	*89.71*	
23 31 13 16-0037	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	228.52	66.97
		For Seal Class B, Add	*25.11*	
		For Seal Class A, Add	*66.97*	
		For 28 Gauge, Deduct	*-8.46*	
		For 24 Gauge, Add	*8.43*	
		For 22 Gauge, Add	*16.83*	
		For 20 Gauge, Add	*25.30*	
		For 18 Gauge, Add	*33.61*	
		For 16 Gauge, Add	*41.24*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*45.21*	
		For Work In Restricted Working Space, Add	*50.23*	
		For Elevated Installation >10' To 15', Add	*16.74*	
		For Elevated Installation >15' To 20', Add	*33.48*	
		For Elevated Installation >20' To 25', Add	*41.86*	
		For Elevated Installation >25' To 30', Add	*58.60*	
		For Elevated Installation >30' To 35', Add	*66.97*	
		For Elevated Installation >35' To 40', Add	*83.71*	
		For Elevated Installation >40', Add	*92.08*	

23 31 13 16-0038 Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbows *(23 31 13 16-0001)*

23 31 13 16-0039	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	26.99	9.72
		For Seal Class B, Add	*3.65*	
		For Seal Class A, Add	*9.72*	
		For 28 Gauge, Deduct	*-0.37*	
		For 24 Gauge, Add	*0.37*	
		For 22 Gauge, Add	*0.74*	
		For 20 Gauge, Add	*1.11*	
		For 18 Gauge, Add	*1.47*	
		For 16 Gauge, Add	*1.81*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.98*	
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0040	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	31.21	11.13
		For Seal Class B, Add	*4.17*	
		For Seal Class A, Add	*11.11*	
		For 28 Gauge, Deduct	*-0.48*	
		For 24 Gauge, Add	*0.47*	
		For 22 Gauge, Add	*0.95*	
		For 20 Gauge, Add	*1.42*	
		For 18 Gauge, Add	*1.89*	
		For 16 Gauge, Add	*2.32*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.55*	
		For Work In Restricted Working Space, Add	*8.33*	
		For Elevated Installation >10' To 15', Add	*2.78*	
		For Elevated Installation >15' To 20', Add	*5.55*	
		For Elevated Installation >20' To 25', Add	*6.94*	
		For Elevated Installation >25' To 30', Add	*9.72*	
		For Elevated Installation >30' To 35', Add	*11.11*	
		For Elevated Installation >35' To 40', Add	*13.89*	
		For Elevated Installation >40', Add	*15.27*	
23 31 13 16-0041	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	36.17	12.96
		For Seal Class B, Add	*4.66*	
		For Seal Class A, Add	*12.96*	
		For 28 Gauge, Deduct	*-0.52*	
		For 24 Gauge, Add	*0.52*	
		For 22 Gauge, Add	*1.04*	
		For 20 Gauge, Add	*1.56*	
		For 18 Gauge, Add	*2.07*	
		For 16 Gauge, Add	*2.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.78*	
		For Work In Restricted Working Space, Add	*9.72*	
		For Elevated Installation >10' To 15', Add	*3.24*	
		For Elevated Installation >15' To 20', Add	*6.48*	
		For Elevated Installation >20' To 25', Add	*8.10*	
		For Elevated Installation >25' To 30', Add	*11.34*	
		For Elevated Installation >30' To 35', Add	*12.96*	
		For Elevated Installation >35' To 40', Add	*16.21*	
		For Elevated Installation >40', Add	*17.83*	
23 31 13 16-0042	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	43.25	15.55
		For Seal Class B, Add	*5.83*	
		For Seal Class A, Add	*15.56*	
		For 28 Gauge, Deduct	*-0.60*	
		For 24 Gauge, Add	*0.60*	
		For 22 Gauge, Add	*1.20*	
		For 20 Gauge, Add	*1.81*	
		For 18 Gauge, Add	*2.40*	
		For 16 Gauge, Add	*2.94*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.23*	
		For Work In Restricted Working Space, Add	*11.67*	
		For Elevated Installation >10' To 15', Add	*3.89*	
		For Elevated Installation >15' To 20', Add	*7.78*	
		For Elevated Installation >20' To 25', Add	*9.72*	
		For Elevated Installation >25' To 30', Add	*13.61*	
		For Elevated Installation >30' To 35', Add	*15.56*	
		For Elevated Installation >35' To 40', Add	*19.45*	
		For Elevated Installation >40', Add	*21.39*	
23 31 13 16-0043	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	53.56	19.44
		For Seal Class B, Add	*7.29*	
		For Seal Class A, Add	*19.44*	
		For 28 Gauge, Deduct	*-0.69*	
		For 24 Gauge, Add	*0.68*	
		For 22 Gauge, Add	*1.37*	
		For 20 Gauge, Add	*2.05*	
		For 18 Gauge, Add	*2.73*	
		For 16 Gauge, Add	*3.35*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.67*	
		For Work In Restricted Working Space, Add	*14.58*	
		For Elevated Installation >10' To 15', Add	*4.86*	
		For Elevated Installation >15' To 20', Add	*9.72*	
		For Elevated Installation >20' To 25', Add	*12.15*	
		For Elevated Installation >25' To 30', Add	*17.01*	
		For Elevated Installation >30' To 35', Add	*19.44*	
		For Elevated Installation >35' To 40', Add	*24.30*	
		For Elevated Installation >40', Add	*26.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0044	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	72.37	25.92
		For Seal Class B, Add	*9.72*	
		For Seal Class A, Add	*25.92*	
		For 28 Gauge, Deduct	*-1.05*	
		For 24 Gauge, Add	*1.04*	
		For 22 Gauge, Add	*2.08*	
		For 20 Gauge, Add	*3.13*	
		For 18 Gauge, Add	*4.16*	
		For 16 Gauge, Add	*5.10*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.59*	
		For Work In Restricted Working Space, Add	*19.44*	
		For Elevated Installation >10' To 15', Add	*6.48*	
		For Elevated Installation >15' To 20', Add	*12.96*	
		For Elevated Installation >20' To 25', Add	*16.20*	
		For Elevated Installation >25' To 30', Add	*22.68*	
		For Elevated Installation >30' To 35', Add	*25.92*	
		For Elevated Installation >35' To 40', Add	*32.41*	
		For Elevated Installation >40', Add	*35.65*	
23 31 13 16-0045	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	106.95	38.89
		For Seal Class B, Add	*14.58*	
		For Seal Class A, Add	*38.89*	
		For 28 Gauge, Deduct	*-1.35*	
		For 24 Gauge, Add	*1.34*	
		For 22 Gauge, Add	*2.68*	
		For 20 Gauge, Add	*4.03*	
		For 18 Gauge, Add	*5.35*	
		For 16 Gauge, Add	*6.57*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.20*	
		For Work In Restricted Working Space, Add	*29.17*	
		For Elevated Installation >10' To 15', Add	*9.72*	
		For Elevated Installation >15' To 20', Add	*19.44*	
		For Elevated Installation >20' To 25', Add	*24.31*	
		For Elevated Installation >25' To 30', Add	*34.03*	
		For Elevated Installation >30' To 35', Add	*38.89*	
		For Elevated Installation >35' To 40', Add	*48.61*	
		For Elevated Installation >40', Add	*53.47*	
23 31 13 16-0046	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	141.07	49.69
		For Seal Class B, Add	*18.63*	
		For Seal Class A, Add	*49.69*	
		For 28 Gauge, Deduct	*-2.33*	
		For 24 Gauge, Add	*2.33*	
		For 22 Gauge, Add	*4.64*	
		For 20 Gauge, Add	*6.98*	
		For 18 Gauge, Add	*9.27*	
		For 16 Gauge, Add	*11.37*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*12.47*	
		For Work In Restricted Working Space, Add	*37.27*	
		For Elevated Installation >10' To 15', Add	*12.42*	
		For Elevated Installation >15' To 20', Add	*24.84*	
		For Elevated Installation >20' To 25', Add	*31.06*	
		For Elevated Installation >25' To 30', Add	*43.48*	
		For Elevated Installation >30' To 35', Add	*49.69*	
		For Elevated Installation >35' To 40', Add	*62.11*	
		For Elevated Installation >40', Add	*68.32*	
23 31 13 16-0047	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	184.25	62.65
		For Seal Class B, Add	*23.49*	
		For Seal Class A, Add	*62.65*	
		For 28 Gauge, Deduct	*-3.83*	
		For 24 Gauge, Add	*3.81*	
		For 22 Gauge, Add	*7.61*	
		For 20 Gauge, Add	*11.44*	
		For 18 Gauge, Add	*15.20*	
		For 16 Gauge, Add	*18.65*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.45*	
		For Work In Restricted Working Space, Add	*46.99*	
		For Elevated Installation >10' To 15', Add	*15.66*	
		For Elevated Installation >15' To 20', Add	*31.32*	
		For Elevated Installation >20' To 25', Add	*39.16*	
		For Elevated Installation >25' To 30', Add	*54.82*	
		For Elevated Installation >30' To 35', Add	*62.65*	
		For Elevated Installation >35' To 40', Add	*78.31*	
		For Elevated Installation >40', Add	*86.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0048	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	196.49	65.35
		For Seal Class B, Add	*24.47*	
		For Seal Class A, Add	*65.24*	
		For 28 Gauge, Deduct	*-4.62*	
		For 24 Gauge, Add	*4.61*	
		For 22 Gauge, Add	*9.20*	
		For 20 Gauge, Add	*13.82*	
		For 18 Gauge, Add	*18.36*	
		For 16 Gauge, Add	*22.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.71*	
		For Work In Restricted Working Space, Add	*48.93*	
		For Elevated Installation >10' To 15', Add	*16.31*	
		For Elevated Installation >15' To 20', Add	*32.62*	
		For Elevated Installation >20' To 25', Add	*40.78*	
		For Elevated Installation >25' To 30', Add	*57.09*	
		For Elevated Installation >30' To 35', Add	*65.24*	
		For Elevated Installation >35' To 40', Add	*81.55*	
		For Elevated Installation >40', Add	*89.71*	
23 31 13 16-0049	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	210.20	66.97
		For Seal Class B, Add	*25.11*	
		For Seal Class A, Add	*66.97*	
		For 28 Gauge, Deduct	*-5.93*	
		For 24 Gauge, Add	*5.90*	
		For 22 Gauge, Add	*11.79*	
		For 20 Gauge, Add	*17.71*	
		For 18 Gauge, Add	*23.53*	
		For 16 Gauge, Add	*28.88*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*31.66*	
		For Work In Restricted Working Space, Add	*50.23*	
		For Elevated Installation >10' To 15', Add	*16.74*	
		For Elevated Installation >15' To 20', Add	*33.48*	
		For Elevated Installation >20' To 25', Add	*41.86*	
		For Elevated Installation >25' To 30', Add	*58.60*	
		For Elevated Installation >30' To 35', Add	*66.97*	
		For Elevated Installation >35' To 40', Add	*83.71*	
		For Elevated Installation >40', Add	*92.08*	

23 31 13 16-0050 Galvanized Sheet Metal Round And Flat-Oval Tees *(23 31 13 16-0001)*

23 31 13 16-0051	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	42.43	14.58
		For Seal Class B, Add	*5.47*	
		For Seal Class A, Add	*14.58*	
		For 28 Gauge, Deduct	*-0.83*	
		For 24 Gauge, Add	*0.83*	
		For 22 Gauge, Add	*1.65*	
		For 20 Gauge, Add	*2.48*	
		For 18 Gauge, Add	*3.29*	
		For 16 Gauge, Add	*4.04*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.43*	
		For Work In Restricted Working Space, Add	*10.94*	
		For Elevated Installation >10' To 15', Add	*3.65*	
		For Elevated Installation >15' To 20', Add	*7.29*	
		For Elevated Installation >20' To 25', Add	*9.11*	
		For Elevated Installation >25' To 30', Add	*12.76*	
		For Elevated Installation >30' To 35', Add	*14.58*	
		For Elevated Installation >35' To 40', Add	*18.23*	
		For Elevated Installation >40', Add	*20.05*	
23 31 13 16-0052	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	49.61	16.64
		For Seal Class B, Add	*6.25*	
		For Seal Class A, Add	*16.67*	
		For 28 Gauge, Deduct	*-1.10*	
		For 24 Gauge, Add	*1.10*	
		For 22 Gauge, Add	*2.19*	
		For 20 Gauge, Add	*3.29*	
		For 18 Gauge, Add	*4.37*	
		For 16 Gauge, Add	*5.36*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.88*	
		For Work In Restricted Working Space, Add	*12.50*	
		For Elevated Installation >10' To 15', Add	*4.17*	
		For Elevated Installation >15' To 20', Add	*8.33*	
		For Elevated Installation >20' To 25', Add	*10.42*	
		For Elevated Installation >25' To 30', Add	*14.58*	
		For Elevated Installation >30' To 35', Add	*16.67*	
		For Elevated Installation >35' To 40', Add	*20.84*	
		For Elevated Installation >40', Add	*22.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0053	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	57.21	19.44
		For Seal Class B, Add	*7.29*	
		For Seal Class A, Add	*19.44*	
		For 28 Gauge, Deduct	*-1.19*	
		For 24 Gauge, Add	*1.19*	
		For 22 Gauge, Add	*2.37*	
		For 20 Gauge, Add	*3.56*	
		For 18 Gauge, Add	*4.74*	
		For 16 Gauge, Add	*5.81*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.37*	
		For Work In Restricted Working Space, Add	*14.58*	
		For Elevated Installation >10' To 15', Add	*4.86*	
		For Elevated Installation >15' To 20', Add	*9.72*	
		For Elevated Installation >20' To 25', Add	*12.15*	
		For Elevated Installation >25' To 30', Add	*17.01*	
		For Elevated Installation >30' To 35', Add	*19.44*	
		For Elevated Installation >35' To 40', Add	*24.30*	
		For Elevated Installation >40', Add	*26.73*	
23 31 13 16-0054	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	68.24	23.33
		For Seal Class B, Add	*8.75*	
		For Seal Class A, Add	*23.33*	
		For 28 Gauge, Deduct	*-1.37*	
		For 24 Gauge, Add	*1.37*	
		For 22 Gauge, Add	*2.73*	
		For 20 Gauge, Add	*4.10*	
		For 18 Gauge, Add	*5.45*	
		For 16 Gauge, Add	*6.69*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.33*	
		For Work In Restricted Working Space, Add	*17.50*	
		For Elevated Installation >10' To 15', Add	*5.83*	
		For Elevated Installation >15' To 20', Add	*11.67*	
		For Elevated Installation >20' To 25', Add	*14.58*	
		For Elevated Installation >25' To 30', Add	*20.42*	
		For Elevated Installation >30' To 35', Add	*23.33*	
		For Elevated Installation >35' To 40', Add	*29.17*	
		For Elevated Installation >40', Add	*32.08*	
23 31 13 16-0055	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	88.94	29.16
		For Seal Class B, Add	*10.94*	
		For Seal Class A, Add	*29.17*	
		For 28 Gauge, Deduct	*-2.22*	
		For 24 Gauge, Add	*2.21*	
		For 22 Gauge, Add	*4.41*	
		For 20 Gauge, Add	*6.63*	
		For 18 Gauge, Add	*8.81*	
		For 16 Gauge, Add	*10.81*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.85*	
		For Work In Restricted Working Space, Add	*21.88*	
		For Elevated Installation >10' To 15', Add	*7.29*	
		For Elevated Installation >15' To 20', Add	*14.58*	
		For Elevated Installation >20' To 25', Add	*18.23*	
		For Elevated Installation >25' To 30', Add	*25.52*	
		For Elevated Installation >30' To 35', Add	*29.17*	
		For Elevated Installation >35' To 40', Add	*36.46*	
		For Elevated Installation >40', Add	*40.11*	
23 31 13 16-0056	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	117.66	38.89
		For Seal Class B, Add	*14.58*	
		For Seal Class A, Add	*38.89*	
		For 28 Gauge, Deduct	*-2.83*	
		For 24 Gauge, Add	*2.82*	
		For 22 Gauge, Add	*5.63*	
		For 20 Gauge, Add	*8.46*	
		For 18 Gauge, Add	*11.24*	
		For 16 Gauge, Add	*13.80*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.13*	
		For Work In Restricted Working Space, Add	*29.17*	
		For Elevated Installation >10' To 15', Add	*9.72*	
		For Elevated Installation >15' To 20', Add	*19.44*	
		For Elevated Installation >20' To 25', Add	*24.31*	
		For Elevated Installation >25' To 30', Add	*34.03*	
		For Elevated Installation >30' To 35', Add	*38.89*	
		For Elevated Installation >35' To 40', Add	*48.61*	
		For Elevated Installation >40', Add	*53.47*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0057	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	166.23	58.33
		For Seal Class B, Add	*21.87*	
		For Seal Class A, Add	*58.32*	
		For 28 Gauge, Deduct	*-2.83*	
		For 24 Gauge, Add	*2.82*	
		For 22 Gauge, Add	*5.63*	
		For 20 Gauge, Add	*8.46*	
		For 18 Gauge, Add	*11.24*	
		For 16 Gauge, Add	*13.80*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.13*	
		For Work In Restricted Working Space, Add	*43.74*	
		For Elevated Installation >10' To 15', Add	*14.58*	
		For Elevated Installation >15' To 20', Add	*29.16*	
		For Elevated Installation >20' To 25', Add	*36.45*	
		For Elevated Installation >25' To 30', Add	*51.03*	
		For Elevated Installation >30' To 35', Add	*58.32*	
		For Elevated Installation >35' To 40', Add	*72.90*	
		For Elevated Installation >40', Add	*80.18*	
23 31 13 16-0058	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	225.17	74.31
		For Seal Class B, Add	*27.93*	
		For Seal Class A, Add	*74.49*	
		For 28 Gauge, Deduct	*-5.39*	
		For 24 Gauge, Add	*5.37*	
		For 22 Gauge, Add	*10.73*	
		For 20 Gauge, Add	*16.12*	
		For 18 Gauge, Add	*21.42*	
		For 16 Gauge, Add	*26.28*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*28.82*	
		For Work In Restricted Working Space, Add	*55.87*	
		For Elevated Installation >10' To 15', Add	*18.62*	
		For Elevated Installation >15' To 20', Add	*37.25*	
		For Elevated Installation >20' To 25', Add	*46.56*	
		For Elevated Installation >25' To 30', Add	*65.18*	
		For Elevated Installation >30' To 35', Add	*74.49*	
		For Elevated Installation >35' To 40', Add	*93.12*	
		For Elevated Installation >40', Add	*102.43*	
23 31 13 16-0059	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	289.47	94.19
		For Seal Class B, Add	*35.22*	
		For Seal Class A, Add	*93.92*	
		For 28 Gauge, Deduct	*-7.57*	
		For 24 Gauge, Add	*7.54*	
		For 22 Gauge, Add	*15.06*	
		For 20 Gauge, Add	*22.63*	
		For 18 Gauge, Add	*30.06*	
		For 16 Gauge, Add	*36.90*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*40.45*	
		For Work In Restricted Working Space, Add	*70.44*	
		For Elevated Installation >10' To 15', Add	*23.48*	
		For Elevated Installation >15' To 20', Add	*46.96*	
		For Elevated Installation >20' To 25', Add	*58.70*	
		For Elevated Installation >25' To 30', Add	*82.18*	
		For Elevated Installation >30' To 35', Add	*93.92*	
		For Elevated Installation >35' To 40', Add	*117.41*	
		For Elevated Installation >40', Add	*129.15*	
23 31 13 16-0060	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	332.10	104.77
		For Seal Class B, Add	*39.37*	
		For Seal Class A, Add	*104.99*	
		For 28 Gauge, Deduct	*-9.64*	
		For 24 Gauge, Add	*9.61*	
		For 22 Gauge, Add	*19.18*	
		For 20 Gauge, Add	*28.83*	
		For 18 Gauge, Add	*38.30*	
		For 16 Gauge, Add	*47.00*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*51.53*	
		For Work In Restricted Working Space, Add	*78.74*	
		For Elevated Installation >10' To 15', Add	*26.25*	
		For Elevated Installation >15' To 20', Add	*52.49*	
		For Elevated Installation >20' To 25', Add	*65.62*	
		For Elevated Installation >25' To 30', Add	*91.86*	
		For Elevated Installation >30' To 35', Add	*104.99*	
		For Elevated Installation >35' To 40', Add	*131.24*	
		For Elevated Installation >40', Add	*144.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0061	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	348.39	108.55
		For Seal Class B, Add	*40.67*	
		For Seal Class A, Add	*108.45*	
		For 28 Gauge, Deduct	*-10.70*	
		For 24 Gauge, Add	*10.66*	
		For 22 Gauge, Add	*21.29*	
		For 20 Gauge, Add	*31.99*	
		For 18 Gauge, Add	*42.50*	
		For 16 Gauge, Add	*52.16*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*57.18*	
		For Work In Restricted Working Space, Add	*81.34*	
		For Elevated Installation >10' To 15', Add	*27.11*	
		For Elevated Installation >15' To 20', Add	*54.22*	
		For Elevated Installation >20' To 25', Add	*67.78*	
		For Elevated Installation >25' To 30', Add	*94.89*	
		For Elevated Installation >30' To 35', Add	*108.45*	
		For Elevated Installation >35' To 40', Add	*135.56*	
		For Elevated Installation >40', Add	*149.12*	
23 31 13 16-0062		Galvanized Sheet Metal Round And Flat-Oval Connectors *(23 31 13 16-0001)*		
23 31 13 16-0063	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	19.29	
		For Seal Class B, Add	*2.59*	
		For Seal Class A, Add	*6.91*	
		For Work In Restricted Working Space, Add	*5.18*	
		For Elevated Installation >10' To 15', Add	*1.73*	
		For Elevated Installation >15' To 20', Add	*3.46*	
		For Elevated Installation >20' To 25', Add	*4.32*	
		For Elevated Installation >25' To 30', Add	*6.05*	
		For Elevated Installation >30' To 35', Add	*6.91*	
		For Elevated Installation >35' To 40', Add	*8.64*	
		For Elevated Installation >40', Add	*9.50*	
23 31 13 16-0064	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	20.32	
		For Seal Class B, Add	*2.72*	
		For Seal Class A, Add	*7.26*	
		For Work In Restricted Working Space, Add	*5.45*	
		For Elevated Installation >10' To 15', Add	*1.82*	
		For Elevated Installation >15' To 20', Add	*3.63*	
		For Elevated Installation >20' To 25', Add	*4.54*	
		For Elevated Installation >25' To 30', Add	*6.36*	
		For Elevated Installation >30' To 35', Add	*7.26*	
		For Elevated Installation >35' To 40', Add	*9.08*	
		For Elevated Installation >40', Add	*9.99*	
23 31 13 16-0065	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	21.76	
		For Seal Class B, Add	*2.92*	
		For Seal Class A, Add	*7.78*	
		For Work In Restricted Working Space, Add	*5.83*	
		For Elevated Installation >10' To 15', Add	*1.94*	
		For Elevated Installation >15' To 20', Add	*3.89*	
		For Elevated Installation >20' To 25', Add	*4.86*	
		For Elevated Installation >25' To 30', Add	*6.80*	
		For Elevated Installation >30' To 35', Add	*7.78*	
		For Elevated Installation >35' To 40', Add	*9.72*	
		For Elevated Installation >40', Add	*10.69*	
23 31 13 16-0066	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	23.18	
		For Seal Class B, Add	*3.08*	
		For Seal Class A, Add	*8.21*	
		For Work In Restricted Working Space, Add	*6.16*	
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.13*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.21*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.29*	
23 31 13 16-0067	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	25.14	
		For Seal Class B, Add	*3.32*	
		For Seal Class A, Add	*8.86*	
		For Work In Restricted Working Space, Add	*6.64*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.43*	
		For Elevated Installation >20' To 25', Add	*5.54*	
		For Elevated Installation >25' To 30', Add	*7.75*	
		For Elevated Installation >30' To 35', Add	*8.86*	
		For Elevated Installation >35' To 40', Add	*11.07*	
		For Elevated Installation >40', Add	*12.18*	
23 31 13 16-0068	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	29.46	
		For Seal Class B, Add	*3.71*	
		For Seal Class A, Add	*9.90*	
		For Work In Restricted Working Space, Add	*7.42*	
		For Elevated Installation >10' To 15', Add	*2.47*	
		For Elevated Installation >15' To 20', Add	*4.95*	
		For Elevated Installation >20' To 25', Add	*6.19*	
		For Elevated Installation >25' To 30', Add	*8.66*	
		For Elevated Installation >30' To 35', Add	*9.90*	
		For Elevated Installation >35' To 40', Add	*12.37*	
		For Elevated Installation >40', Add	*13.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0069	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	40.26	
		For Seal Class B, Add	*5.19*	
		For Seal Class A, Add	*13.83*	
		For Work In Restricted Working Space, Add	*10.37*	
		For Elevated Installation >10' To 15', Add	*3.46*	
		For Elevated Installation >15' To 20', Add	*6.91*	
		For Elevated Installation >20' To 25', Add	*8.64*	
		For Elevated Installation >25' To 30', Add	*12.10*	
		For Elevated Installation >30' To 35', Add	*13.83*	
		For Elevated Installation >35' To 40', Add	*17.29*	
		For Elevated Installation >40', Add	*19.01*	
23 31 13 16-0070	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	45.95	
		For Seal Class B, Add	*5.90*	
		For Seal Class A, Add	*15.73*	
		For Work In Restricted Working Space, Add	*11.80*	
		For Elevated Installation >10' To 15', Add	*3.93*	
		For Elevated Installation >15' To 20', Add	*7.87*	
		For Elevated Installation >20' To 25', Add	*9.83*	
		For Elevated Installation >25' To 30', Add	*13.77*	
		For Elevated Installation >30' To 35', Add	*15.73*	
		For Elevated Installation >35' To 40', Add	*19.67*	
		For Elevated Installation >40', Add	*21.63*	
23 31 13 16-0071	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	50.52	
		For Seal Class B, Add	*6.47*	
		For Seal Class A, Add	*17.24*	
		For Work In Restricted Working Space, Add	*12.93*	
		For Elevated Installation >10' To 15', Add	*4.31*	
		For Elevated Installation >15' To 20', Add	*8.62*	
		For Elevated Installation >20' To 25', Add	*10.78*	
		For Elevated Installation >25' To 30', Add	*15.09*	
		For Elevated Installation >30' To 35', Add	*17.24*	
		For Elevated Installation >35' To 40', Add	*21.56*	
		For Elevated Installation >40', Add	*23.71*	
23 31 13 16-0072	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	54.94	
		For Seal Class B, Add	*7.00*	
		For Seal Class A, Add	*18.66*	
		For Work In Restricted Working Space, Add	*14.00*	
		For Elevated Installation >10' To 15', Add	*4.67*	
		For Elevated Installation >15' To 20', Add	*9.33*	
		For Elevated Installation >20' To 25', Add	*11.67*	
		For Elevated Installation >25' To 30', Add	*16.33*	
		For Elevated Installation >30' To 35', Add	*18.66*	
		For Elevated Installation >35' To 40', Add	*23.33*	
		For Elevated Installation >40', Add	*25.66*	
23 31 13 16-0073	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	59.85	
		For Seal Class B, Add	*7.63*	
		For Seal Class A, Add	*20.35*	
		For Work In Restricted Working Space, Add	*15.26*	
		For Elevated Installation >10' To 15', Add	*5.09*	
		For Elevated Installation >15' To 20', Add	*10.17*	
		For Elevated Installation >20' To 25', Add	*12.72*	
		For Elevated Installation >25' To 30', Add	*17.80*	
		For Elevated Installation >30' To 35', Add	*20.35*	
		For Elevated Installation >35' To 40', Add	*25.44*	
		For Elevated Installation >40', Add	*27.98*	

23 31 13 16-0074 Slip Joint, Galvanized, Spiral Duct And Fittings *(23 31 13 16)*

23 31 13 16-0075 Slip Joint, Galvanized, Spiral Duct *(23 31 13 16-0074)*

23 31 13 16-0076	LF	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	10.22	1.00
		For Seal Class B, Add	*0.80*	
		For Seal Class A, Add	*2.14*	
		For Up To 20', Add	*1.46*	
		For >20' To 50', Add	*0.59*	
		For >200' To 500', Deduct	*-0.37*	
		For >500', Deduct	*-0.61*	
		For 24 Gauge, Add	*0.98*	
		For 22 Gauge, Add	*2.24*	
		For 20 Gauge, Add	*3.66*	
		For 18 Gauge, Add	*5.61*	
		For 16 Gauge, Add	*6.83*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.61*	
		For Work In Restricted Working Space, Add	*1.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0077	LF	6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	13.47	2.00
		For Seal Class B, Add	*0.96*	
		For Seal Class A, Add	*2.56*	
		For Up To 20', Add	*2.12*	
		For >20' To 50', Add	*0.85*	
		For >200' To 500', Deduct	*-0.53*	
		For >500', Deduct	*-0.88*	
		For 24 Gauge, Add	*1.41*	
		For 22 Gauge, Add	*3.25*	
		For 20 Gauge, Add	*5.30*	
		For 18 Gauge, Add	*8.12*	
		For 16 Gauge, Add	*9.88*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.22*	
		For Work In Restricted Working Space, Add	*1.92*	
23 31 13 16-0078	LF	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	17.24	2.00
		For Seal Class B, Add	*1.19*	
		For Seal Class A, Add	*3.18*	
		For Up To 20', Add	*2.79*	
		For >20' To 50', Add	*1.11*	
		For >200' To 500', Deduct	*-0.70*	
		For >500', Deduct	*-1.16*	
		For 24 Gauge, Add	*1.86*	
		For 22 Gauge, Add	*4.27*	
		For 20 Gauge, Add	*6.97*	
		For 18 Gauge, Add	*10.68*	
		For 16 Gauge, Add	*13.01*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.87*	
		For Work In Restricted Working Space, Add	*2.39*	
23 31 13 16-0079	LF	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	21.03	2.00
		For Seal Class B, Add	*1.43*	
		For Seal Class A, Add	*3.82*	
		For Up To 20', Add	*3.44*	
		For >20' To 50', Add	*1.38*	
		For >200' To 500', Deduct	*-0.86*	
		For >500', Deduct	*-1.43*	
		For 24 Gauge, Add	*2.29*	
		For 22 Gauge, Add	*5.28*	
		For 20 Gauge, Add	*8.60*	
		For 18 Gauge, Add	*13.19*	
		For 16 Gauge, Add	*16.06*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.49*	
		For Work In Restricted Working Space, Add	*2.87*	
23 31 13 16-0080	LF	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	26.08	2.99
		For Seal Class B, Add	*1.80*	
		For Seal Class A, Add	*4.79*	
		For Up To 20', Add	*4.23*	
		For >20' To 50', Add	*1.69*	
		For >200' To 500', Deduct	*-1.06*	
		For >500', Deduct	*-1.76*	
		For 24 Gauge, Add	*2.82*	
		For 22 Gauge, Add	*6.49*	
		For 20 Gauge, Add	*10.58*	
		For 18 Gauge, Add	*16.23*	
		For 16 Gauge, Add	*19.75*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.44*	
		For Work In Restricted Working Space, Add	*3.59*	
23 31 13 16-0081	LF	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	31.31	2.99
		For Seal Class B, Add	*2.24*	
		For Seal Class A, Add	*5.98*	
		For Up To 20', Add	*4.91*	
		For >20' To 50', Add	*1.96*	
		For >200' To 500', Deduct	*-1.23*	
		For >500', Deduct	*-2.04*	
		For 24 Gauge, Add	*3.27*	
		For 22 Gauge, Add	*7.52*	
		For 20 Gauge, Add	*12.26*	
		For 18 Gauge, Add	*18.80*	
		For 16 Gauge, Add	*22.89*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*12.10*	
		For Work In Restricted Working Space, Add	*4.49*	
23 31 13 16-0082	LF	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	43.67	2.99
		For Seal Class B, Add	*2.99*	
		For Seal Class A, Add	*7.97*	
		For Up To 20', Add	*7.13*	
		For >20' To 50', Add	*2.85*	
		For >200' To 500', Deduct	*-1.78*	
		For >500', Deduct	*-2.97*	
		For 24 Gauge, Add	*4.75*	
		For 22 Gauge, Add	*10.93*	
		For 20 Gauge, Add	*17.81*	
		For 18 Gauge, Add	*27.31*	
		For 16 Gauge, Add	*33.25*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.58*	
		For Work In Restricted Working Space, Add	*5.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0083	LF	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	49.55	3.99
		For Seal Class B, Add	*3.48*	
		For Seal Class A, Add	*9.29*	
		For Up To 20', Add	*7.90*	
		For >20' To 50', Add	*3.16*	
		For >200' To 500', Deduct	*-1.97*	
		For >500', Deduct	*-3.29*	
		For 24 Gauge, Add	*5.27*	
		For 22 Gauge, Add	*12.11*	
		For 20 Gauge, Add	*19.75*	
		For 18 Gauge, Add	*30.28*	
		For 16 Gauge, Add	*36.86*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.48*	
		For Work In Restricted Working Space, Add	*6.97*	
23 31 13 16-0084	LF	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	55.73	3.99
		For Seal Class B, Add	*3.95*	
		For Seal Class A, Add	*10.54*	
		For Up To 20', Add	*8.81*	
		For >20' To 50', Add	*3.52*	
		For >200' To 500', Deduct	*-2.20*	
		For >500', Deduct	*-3.67*	
		For 24 Gauge, Add	*5.87*	
		For 22 Gauge, Add	*13.51*	
		For 20 Gauge, Add	*22.03*	
		For 18 Gauge, Add	*33.78*	
		For 16 Gauge, Add	*41.12*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*21.73*	
		For Work In Restricted Working Space, Add	*7.91*	
23 31 13 16-0085	LF	22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	62.16	4.99
		For Seal Class B, Add	*4.45*	
		For Seal Class A, Add	*11.88*	
		For Up To 20', Add	*9.74*	
		For >20' To 50', Add	*3.90*	
		For >200' To 500', Deduct	*-2.44*	
		For >500', Deduct	*-4.06*	
		For 24 Gauge, Add	*6.49*	
		For 22 Gauge, Add	*14.94*	
		For 20 Gauge, Add	*24.35*	
		For 18 Gauge, Add	*37.34*	
		For 16 Gauge, Add	*45.46*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.03*	
		For Work In Restricted Working Space, Add	*8.91*	
23 31 13 16-0086	LF	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	68.51	5.98
		For Seal Class B, Add	*4.98*	
		For Seal Class A, Add	*13.29*	
		For Up To 20', Add	*10.58*	
		For >20' To 50', Add	*4.23*	
		For >200' To 500', Deduct	*-2.65*	
		For >500', Deduct	*-4.41*	
		For 24 Gauge, Add	*7.06*	
		For 22 Gauge, Add	*16.23*	
		For 20 Gauge, Add	*26.46*	
		For 18 Gauge, Add	*40.57*	
		For 16 Gauge, Add	*49.39*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*26.11*	
		For Work In Restricted Working Space, Add	*9.97*	

23 31 13 16-0087 Slip Joint, Galvanized, Spiral 90 Degree Elbows *(23 31 13 16-0074)*

23 31 13 16-0088	EA	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	64.82	13.96
		For Seal Class B, Add	*8.08*	
		For Seal Class A, Add	*21.56*	
		For 24 Gauge, Add	*2.19*	
		For 22 Gauge, Add	*5.03*	
		For 20 Gauge, Add	*8.20*	
		For 18 Gauge, Add	*12.57*	
		For 16 Gauge, Add	*15.30*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.09*	
		For Work In Restricted Working Space, Add	*16.17*	
23 31 13 16-0089	EA	6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	95.27	19.94
		For Seal Class B, Add	*11.96*	
		For Seal Class A, Add	*31.90*	
		For 24 Gauge, Add	*3.10*	
		For 22 Gauge, Add	*7.13*	
		For 20 Gauge, Add	*11.63*	
		For 18 Gauge, Add	*17.84*	
		For 16 Gauge, Add	*21.71*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.48*	
		For Work In Restricted Working Space, Add	*23.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0090	EA	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	134.54	25.93
		For Seal Class B, Add	*15.74*	
		For Seal Class A, Add	*41.98*	
		For 24 Gauge, Add	*5.92*	
		For 22 Gauge, Add	*13.61*	
		For 20 Gauge, Add	*22.19*	
		For 18 Gauge, Add	*34.02*	
		For 16 Gauge, Add	*41.41*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*21.89*	
		For Work In Restricted Working Space, Add	*31.49*	
23 31 13 16-0091	EA	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	167.77	32.91
		For Seal Class B, Add	*19.94*	
		For Seal Class A, Add	*53.18*	
		For 24 Gauge, Add	*6.97*	
		For 22 Gauge, Add	*16.02*	
		For 20 Gauge, Add	*26.12*	
		For 18 Gauge, Add	*40.05*	
		For 16 Gauge, Add	*48.76*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*25.77*	
		For Work In Restricted Working Space, Add	*39.88*	
23 31 13 16-0092	EA	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	207.08	41.88
		For Seal Class B, Add	*24.93*	
		For Seal Class A, Add	*66.47*	
		For 24 Gauge, Add	*8.18*	
		For 22 Gauge, Add	*18.81*	
		For 20 Gauge, Add	*30.68*	
		For 18 Gauge, Add	*47.04*	
		For 16 Gauge, Add	*57.26*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*30.27*	
		For Work In Restricted Working Space, Add	*49.85*	
23 31 13 16-0093	EA	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	226.82	45.87
		For Seal Class B, Add	*27.19*	
		For Seal Class A, Add	*72.52*	
		For 24 Gauge, Add	*9.11*	
		For 22 Gauge, Add	*20.94*	
		For 20 Gauge, Add	*34.15*	
		For 18 Gauge, Add	*52.36*	
		For 16 Gauge, Add	*63.74*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*33.69*	
		For Work In Restricted Working Space, Add	*54.39*	
23 31 13 16-0094	EA	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	267.71	53.84
		For Seal Class B, Add	*32.16*	
		For Seal Class A, Add	*85.77*	
		For 24 Gauge, Add	*10.66*	
		For 22 Gauge, Add	*24.51*	
		For 20 Gauge, Add	*39.96*	
		For 18 Gauge, Add	*61.27*	
		For 16 Gauge, Add	*74.59*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*39.43*	
		For Work In Restricted Working Space, Add	*64.33*	
23 31 13 16-0095	EA	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	327.20	66.81
		For Seal Class B, Add	*39.88*	
		For Seal Class A, Add	*106.36*	
		For 24 Gauge, Add	*12.26*	
		For 22 Gauge, Add	*28.20*	
		For 20 Gauge, Add	*45.98*	
		For 18 Gauge, Add	*70.51*	
		For 16 Gauge, Add	*85.83*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*45.37*	
		For Work In Restricted Working Space, Add	*79.77*	
23 31 13 16-0096	EA	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	394.01	80.76
		For Seal Class B, Add	*48.25*	
		For Seal Class A, Add	*128.66*	
		For 24 Gauge, Add	*14.47*	
		For 22 Gauge, Add	*33.29*	
		For 20 Gauge, Add	*54.28*	
		For 18 Gauge, Add	*83.23*	
		For 16 Gauge, Add	*101.32*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*53.55*	
		For Work In Restricted Working Space, Add	*96.49*	
23 31 13 16-0097	EA	22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	458.39	93.73
		For Seal Class B, Add	*56.44*	
		For Seal Class A, Add	*150.50*	
		For 24 Gauge, Add	*16.43*	
		For 22 Gauge, Add	*37.78*	
		For 20 Gauge, Add	*61.61*	
		For 18 Gauge, Add	*94.46*	
		For 16 Gauge, Add	*115.00*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*60.78*	
		For Work In Restricted Working Space, Add	*112.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0098	EA	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	525.65	106.69
		For Seal Class B, Add	*63.64*	
		For Seal Class A, Add	*169.72*	
		For 24 Gauge, Add	*20.27*	
		For 22 Gauge, Add	*46.63*	
		For 20 Gauge, Add	*76.02*	
		For 18 Gauge, Add	*116.56*	
		For 16 Gauge, Add	*141.90*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*75.01*	
		For Work In Restricted Working Space, Add	*127.29*	

23 31 13 16-0099 Slip Joint, Galvanized, Spiral Duct 45 Degree Elbows *(23 31 13 16-0074)*

23 31 13 16-0100	EA	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	65.33	13.96
		For Seal Class B, Add	*8.08*	
		For Seal Class A, Add	*21.56*	
		For 24 Gauge, Add	*2.29*	
		For 22 Gauge, Add	*5.26*	
		For 20 Gauge, Add	*8.58*	
		For 18 Gauge, Add	*13.16*	
		For 16 Gauge, Add	*16.02*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.47*	
		For Work In Restricted Working Space, Add	*16.17*	
23 31 13 16-0101	EA	6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	92.61	19.94
		For Seal Class B, Add	*11.96*	
		For Seal Class A, Add	*31.90*	
		For 24 Gauge, Add	*2.57*	
		For 22 Gauge, Add	*5.91*	
		For 20 Gauge, Add	*9.64*	
		For 18 Gauge, Add	*14.78*	
		For 16 Gauge, Add	*17.99*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.51*	
		For Work In Restricted Working Space, Add	*23.93*	
23 31 13 16-0102	EA	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	122.19	25.93
		For Seal Class B, Add	*15.74*	
		For Seal Class A, Add	*41.98*	
		For 24 Gauge, Add	*3.45*	
		For 22 Gauge, Add	*7.93*	
		For 20 Gauge, Add	*12.92*	
		For 18 Gauge, Add	*19.81*	
		For 16 Gauge, Add	*24.12*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*12.75*	
		For Work In Restricted Working Space, Add	*31.49*	
23 31 13 16-0103	EA	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	154.48	32.91
		For Seal Class B, Add	*19.94*	
		For Seal Class A, Add	*53.18*	
		For 24 Gauge, Add	*4.31*	
		For 22 Gauge, Add	*9.91*	
		For 20 Gauge, Add	*16.16*	
		For 18 Gauge, Add	*24.77*	
		For 16 Gauge, Add	*30.16*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.94*	
		For Work In Restricted Working Space, Add	*39.88*	
23 31 13 16-0104	EA	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	191.21	41.88
		For Seal Class B, Add	*24.93*	
		For Seal Class A, Add	*66.47*	
		For 24 Gauge, Add	*5.01*	
		For 22 Gauge, Add	*11.51*	
		For 20 Gauge, Add	*18.77*	
		For 18 Gauge, Add	*28.78*	
		For 16 Gauge, Add	*35.04*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*18.52*	
		For Work In Restricted Working Space, Add	*49.85*	
23 31 13 16-0105	EA	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	209.12	45.87
		For Seal Class B, Add	*27.19*	
		For Seal Class A, Add	*72.52*	
		For 24 Gauge, Add	*5.57*	
		For 22 Gauge, Add	*12.80*	
		For 20 Gauge, Add	*20.87*	
		For 18 Gauge, Add	*32.00*	
		For 16 Gauge, Add	*38.96*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.59*	
		For Work In Restricted Working Space, Add	*54.39*	
23 31 13 16-0106	EA	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	260.05	53.84
		For Seal Class B, Add	*32.16*	
		For Seal Class A, Add	*85.77*	
		For 24 Gauge, Add	*9.12*	
		For 22 Gauge, Add	*20.99*	
		For 20 Gauge, Add	*34.22*	
		For 18 Gauge, Add	*52.46*	
		For 16 Gauge, Add	*63.87*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*33.76*	
		For Work In Restricted Working Space, Add	*64.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0107	EA	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	321.77	66.81
		For Seal Class B, Add	*39.88*	
		For Seal Class A, Add	*106.36*	
		For 24 Gauge, Add	*11.18*	
		For 22 Gauge, Add	*25.70*	
		For 20 Gauge, Add	*41.91*	
		For 18 Gauge, Add	*64.26*	
		For 16 Gauge, Add	*78.23*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*41.35*	
		For Work In Restricted Working Space, Add	*79.77*	
23 31 13 16-0108	EA	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	392.35	80.76
		For Seal Class B, Add	*48.25*	
		For Seal Class A, Add	*128.66*	
		For 24 Gauge, Add	*14.14*	
		For 22 Gauge, Add	*32.53*	
		For 20 Gauge, Add	*53.03*	
		For 18 Gauge, Add	*81.32*	
		For 16 Gauge, Add	*98.99*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*52.33*	
		For Work In Restricted Working Space, Add	*96.49*	
23 31 13 16-0109	EA	22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	439.55	93.73
		For Seal Class B, Add	*56.44*	
		For Seal Class A, Add	*150.50*	
		For 24 Gauge, Add	*12.66*	
		For 22 Gauge, Add	*29.12*	
		For 20 Gauge, Add	*47.48*	
		For 18 Gauge, Add	*72.80*	
		For 16 Gauge, Add	*88.62*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*46.84*	
		For Work In Restricted Working Space, Add	*112.88*	
23 31 13 16-0110	EA	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	518.95	106.69
		For Seal Class B, Add	*63.64*	
		For Seal Class A, Add	*169.72*	
		For 24 Gauge, Add	*18.93*	
		For 22 Gauge, Add	*43.54*	
		For 20 Gauge, Add	*71.00*	
		For 18 Gauge, Add	*108.86*	
		For 16 Gauge, Add	*132.52*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*70.05*	
		For Work In Restricted Working Space, Add	*127.29*	
23 31 13 16-0111		Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Laterals *(23 31 13 16-0074)*		
23 31 13 16-0112	EA	6" x 6" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	129.55	25.93
		For Seal Class B, Add	*15.74*	
		For Seal Class A, Add	*41.98*	
		For 24 Gauge, Add	*4.92*	
		For 22 Gauge, Add	*11.31*	
		For 20 Gauge, Add	*18.44*	
		For 18 Gauge, Add	*28.28*	
		For 16 Gauge, Add	*34.43*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*18.20*	
		For Work In Restricted Working Space, Add	*31.49*	
23 31 13 16-0113	EA	8" x 8" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	191.96	41.88
		For Seal Class B, Add	*24.93*	
		For Seal Class A, Add	*66.47*	
		For 24 Gauge, Add	*5.16*	
		For 22 Gauge, Add	*11.86*	
		For 20 Gauge, Add	*19.34*	
		For 18 Gauge, Add	*29.65*	
		For 16 Gauge, Add	*36.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.08*	
		For Work In Restricted Working Space, Add	*49.85*	
23 31 13 16-0114	EA	10" x 10" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	242.73	53.84
		For Seal Class B, Add	*32.16*	
		For Seal Class A, Add	*85.77*	
		For 24 Gauge, Add	*5.66*	
		For 22 Gauge, Add	*13.02*	
		For 20 Gauge, Add	*21.23*	
		For 18 Gauge, Add	*32.55*	
		For 16 Gauge, Add	*39.62*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.94*	
		For Work In Restricted Working Space, Add	*64.33*	
23 31 13 16-0115	EA	12" x 12" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	295.45	66.81
		For Seal Class B, Add	*39.88*	
		For Seal Class A, Add	*106.36*	
		For 24 Gauge, Add	*5.91*	
		For 22 Gauge, Add	*13.60*	
		For 20 Gauge, Add	*22.17*	
		For 18 Gauge, Add	*33.99*	
		For 16 Gauge, Add	*41.38*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*21.87*	
		For Work In Restricted Working Space, Add	*79.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0116	EA	14" x 14" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	352.17	80.76
		For Seal Class B, Add	*48.25*	
		For Seal Class A, Add	*128.66*	
		For 24 Gauge, Add	*6.11*	
		For 22 Gauge, Add	*14.04*	
		For 20 Gauge, Add	*22.90*	
		For 18 Gauge, Add	*35.11*	
		For 16 Gauge, Add	*42.74*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*22.59*	
		For Work In Restricted Working Space, Add	*96.49*	
23 31 13 16-0117	EA	16" x 16" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	409.45	93.73
		For Seal Class B, Add	*56.44*	
		For Seal Class A, Add	*150.50*	
		For 24 Gauge, Add	*6.64*	
		For 22 Gauge, Add	*15.27*	
		For 20 Gauge, Add	*24.90*	
		For 18 Gauge, Add	*38.18*	
		For 16 Gauge, Add	*46.48*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.57*	
		For Work In Restricted Working Space, Add	*112.88*	
23 31 13 16-0118	EA	18" x 18" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	458.83	106.69
		For Seal Class B, Add	*63.64*	
		For Seal Class A, Add	*169.72*	
		For 24 Gauge, Add	*6.91*	
		For 22 Gauge, Add	*15.89*	
		For 20 Gauge, Add	*25.91*	
		For 18 Gauge, Add	*39.72*	
		For 16 Gauge, Add	*48.36*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*25.56*	
		For Work In Restricted Working Space, Add	*127.29*	
23 31 13 16-0119	EA	20" x 20" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	522.18	121.64
		For Seal Class B, Add	*72.96*	
		For Seal Class A, Add	*194.55*	
		For 24 Gauge, Add	*7.16*	
		For 22 Gauge, Add	*16.47*	
		For 20 Gauge, Add	*26.85*	
		For 18 Gauge, Add	*41.17*	
		For 16 Gauge, Add	*50.12*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*26.49*	
		For Work In Restricted Working Space, Add	*145.91*	
23 31 13 16-0120	EA	22" x 22" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	582.04	134.61
		For Seal Class B, Add	*80.84*	
		For Seal Class A, Add	*215.58*	
		For 24 Gauge, Add	*8.62*	
		For 22 Gauge, Add	*19.82*	
		For 20 Gauge, Add	*32.31*	
		For 18 Gauge, Add	*49.54*	
		For 16 Gauge, Add	*60.31*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*31.88*	
		For Work In Restricted Working Space, Add	*161.69*	
23 31 13 16-0121	EA	24" x 24" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	631.01	146.57
		For Seal Class B, Add	*87.98*	
		For Seal Class A, Add	*234.61*	
		For 24 Gauge, Add	*8.90*	
		For 22 Gauge, Add	*20.47*	
		For 20 Gauge, Add	*33.37*	
		For 18 Gauge, Add	*51.16*	
		For 16 Gauge, Add	*62.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*32.92*	
		For Work In Restricted Working Space, Add	*175.96*	
23 31 13 16-0122	EA	8" x 8" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	202.42	45.16
		For Seal Class B, Add	*27.11*	
		For Seal Class A, Add	*72.30*	
		For 24 Gauge, Add	*4.33*	
		For 22 Gauge, Add	*9.96*	
		For 20 Gauge, Add	*16.25*	
		For 18 Gauge, Add	*24.91*	
		For 16 Gauge, Add	*30.32*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.03*	
		For Work In Restricted Working Space, Add	*54.23*	
23 31 13 16-0123	EA	10" x 10" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	244.66	54.34
		For Seal Class B, Add	*32.60*	
		For Seal Class A, Add	*86.93*	
		For 24 Gauge, Add	*5.47*	
		For 22 Gauge, Add	*12.58*	
		For 20 Gauge, Add	*20.51*	
		For 18 Gauge, Add	*31.44*	
		For 16 Gauge, Add	*38.28*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.23*	
		For Work In Restricted Working Space, Add	*65.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0124	EA	12" x 12" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	297.25	66.00
		For Seal Class B, Add	*39.61*	
		For Seal Class A, Add	*105.62*	
		For 24 Gauge, Add	*6.64*	
		For 22 Gauge, Add	*15.27*	
		For 20 Gauge, Add	*24.89*	
		For 18 Gauge, Add	*38.17*	
		For 16 Gauge, Add	*46.47*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.56*	
		For Work In Restricted Working Space, Add	*79.22*	
23 31 13 16-0125	EA	14" x 14" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	353.85	78.47
		For Seal Class B, Add	*47.15*	
		For Seal Class A, Add	*125.73*	
		For 24 Gauge, Add	*7.90*	
		For 22 Gauge, Add	*18.18*	
		For 20 Gauge, Add	*29.64*	
		For 18 Gauge, Add	*45.45*	
		For 16 Gauge, Add	*55.33*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*29.24*	
		For Work In Restricted Working Space, Add	*94.30*	
23 31 13 16-0126	EA	16" x 16" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	449.16	100.90
		For Seal Class B, Add	*60.50*	
		For Seal Class A, Add	*161.34*	
		For 24 Gauge, Add	*9.16*	
		For 22 Gauge, Add	*21.07*	
		For 20 Gauge, Add	*34.36*	
		For 18 Gauge, Add	*52.68*	
		For 16 Gauge, Add	*64.13*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*33.90*	
		For Work In Restricted Working Space, Add	*121.01*	
23 31 13 16-0127	EA	18" x 18" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	498.87	111.97
		For Seal Class B, Add	*67.13*	
		For Seal Class A, Add	*179.01*	
		For 24 Gauge, Add	*10.27*	
		For 22 Gauge, Add	*23.62*	
		For 20 Gauge, Add	*38.51*	
		For 18 Gauge, Add	*59.04*	
		For 16 Gauge, Add	*71.88*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*37.99*	
		For Work In Restricted Working Space, Add	*134.26*	
23 31 13 16-0128	EA	20" x 20" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	567.16	127.43
		For Seal Class B, Add	*76.31*	
		For Seal Class A, Add	*203.49*	
		For 24 Gauge, Add	*11.69*	
		For 22 Gauge, Add	*26.88*	
		For 20 Gauge, Add	*43.83*	
		For 18 Gauge, Add	*67.21*	
		For 16 Gauge, Add	*81.82*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*43.25*	
		For Work In Restricted Working Space, Add	*152.62*	
23 31 13 16-0129	EA	22" x 22" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	608.21	135.91
		For Seal Class B, Add	*81.46*	
		For Seal Class A, Add	*217.23*	
		For 24 Gauge, Add	*13.03*	
		For 22 Gauge, Add	*29.96*	
		For 20 Gauge, Add	*48.85*	
		For 18 Gauge, Add	*74.90*	
		For 16 Gauge, Add	*91.18*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*48.20*	
		For Work In Restricted Working Space, Add	*162.92*	
23 31 13 16-0130	EA	24" x 24" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	659.87	147.37
		For Seal Class B, Add	*88.39*	
		For Seal Class A, Add	*235.72*	
		For 24 Gauge, Add	*14.12*	
		For 22 Gauge, Add	*32.47*	
		For 20 Gauge, Add	*52.94*	
		For 18 Gauge, Add	*81.17*	
		For 16 Gauge, Add	*98.81*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*52.23*	
		For Work In Restricted Working Space, Add	*176.79*	
23 31 13 16-0131	EA	10" x 10" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	267.79	59.82
		For Seal Class B, Add	*35.85*	
		For Seal Class A, Add	*95.60*	
		For 24 Gauge, Add	*5.76*	
		For 22 Gauge, Add	*13.24*	
		For 20 Gauge, Add	*21.59*	
		For 18 Gauge, Add	*33.11*	
		For 16 Gauge, Add	*40.31*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*21.30*	
		For Work In Restricted Working Space, Add	*71.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0132	EA	12" x 12" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	325.44	72.79
		For Seal Class B, Add	*43.58*	
		For Seal Class A, Add	*116.21*	
		For 24 Gauge, Add	*6.98*	
		For 22 Gauge, Add	*16.06*	
		For 20 Gauge, Add	*26.19*	
		For 18 Gauge, Add	*40.16*	
		For 16 Gauge, Add	*48.89*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*25.84*	
		For Work In Restricted Working Space, Add	*87.16*	
23 31 13 16-0133	EA	14" x 14" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	387.35	86.25
		For Seal Class B, Add	*51.86*	
		For Seal Class A, Add	*138.29*	
		For 24 Gauge, Add	*8.32*	
		For 22 Gauge, Add	*19.15*	
		For 20 Gauge, Add	*31.22*	
		For 18 Gauge, Add	*47.86*	
		For 16 Gauge, Add	*58.27*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*30.80*	
		For Work In Restricted Working Space, Add	*103.72*	
23 31 13 16-0134	EA	16" x 16" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	449.64	100.51
		For Seal Class B, Add	*60.21*	
		For Seal Class A, Add	*160.56*	
		For 24 Gauge, Add	*9.65*	
		For 22 Gauge, Add	*22.19*	
		For 20 Gauge, Add	*36.17*	
		For 18 Gauge, Add	*55.46*	
		For 16 Gauge, Add	*67.52*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*35.69*	
		For Work In Restricted Working Space, Add	*120.42*	
23 31 13 16-0135	EA	18" x 18" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	503.18	112.38
		For Seal Class B, Add	*67.37*	
		For Seal Class A, Add	*179.66*	
		For 24 Gauge, Add	*10.81*	
		For 22 Gauge, Add	*24.86*	
		For 20 Gauge, Add	*40.53*	
		For 18 Gauge, Add	*62.15*	
		For 16 Gauge, Add	*75.66*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*39.99*	
		For Work In Restricted Working Space, Add	*134.74*	
23 31 13 16-0136	EA	20" x 20" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	572.30	127.83
		For Seal Class B, Add	*76.62*	
		For Seal Class A, Add	*204.32*	
		For 24 Gauge, Add	*12.30*	
		For 22 Gauge, Add	*28.29*	
		For 20 Gauge, Add	*46.13*	
		For 18 Gauge, Add	*70.73*	
		For 16 Gauge, Add	*86.10*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*45.51*	
		For Work In Restricted Working Space, Add	*153.24*	
23 31 13 16-0137	EA	22" x 22" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	638.98	142.58
		For Seal Class B, Add	*85.56*	
		For Seal Class A, Add	*228.17*	
		For 24 Gauge, Add	*13.71*	
		For 22 Gauge, Add	*31.54*	
		For 20 Gauge, Add	*51.42*	
		For 18 Gauge, Add	*78.84*	
		For 16 Gauge, Add	*95.98*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*50.73*	
		For Work In Restricted Working Space, Add	*171.13*	
23 31 13 16-0138	EA	24" x 24" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	692.82	154.75
		For Seal Class B, Add	*92.78*	
		For Seal Class A, Add	*247.42*	
		For 24 Gauge, Add	*14.86*	
		For 22 Gauge, Add	*34.17*	
		For 20 Gauge, Add	*55.71*	
		For 18 Gauge, Add	*85.42*	
		For 16 Gauge, Add	*103.99*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*54.97*	
		For Work In Restricted Working Space, Add	*185.56*	
23 31 13 16-0139		Slip Joint, Galvanized, Spiral Duct Reducers *(23 31 13 16-0074)*		
23 31 13 16-0140	EA	6" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	88.60	19.94
		For Seal Class B, Add	*11.96*	
		For Seal Class A, Add	*31.90*	
		For 24 Gauge, Add	*1.77*	
		For 22 Gauge, Add	*4.07*	
		For 20 Gauge, Add	*6.63*	
		For 18 Gauge, Add	*10.17*	
		For 16 Gauge, Add	*12.38*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.54*	
		For Work In Restricted Working Space, Add	*23.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0141	EA	8" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	114.69	25.93
		For Seal Class B, Add	*15.74*	
		For Seal Class A, Add	*41.98*	
		For 24 Gauge, Add	*1.95*	
		For 22 Gauge, Add	*4.48*	
		For 20 Gauge, Add	*7.30*	
		For 18 Gauge, Add	*11.19*	
		For 16 Gauge, Add	*13.62*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.20*	
		For Work In Restricted Working Space, Add	*31.49*	
23 31 13 16-0142	EA	10" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	143.71	32.91
		For Seal Class B, Add	*19.94*	
		For Seal Class A, Add	*53.18*	
		For 24 Gauge, Add	*2.15*	
		For 22 Gauge, Add	*4.95*	
		For 20 Gauge, Add	*8.08*	
		For 18 Gauge, Add	*12.39*	
		For 16 Gauge, Add	*15.08*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.97*	
		For Work In Restricted Working Space, Add	*39.88*	
23 31 13 16-0143	EA	12" x 10", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	177.99	41.88
		For Seal Class B, Add	*24.93*	
		For Seal Class A, Add	*66.47*	
		For 24 Gauge, Add	*2.36*	
		For 22 Gauge, Add	*5.43*	
		For 20 Gauge, Add	*8.86*	
		For 18 Gauge, Add	*13.58*	
		For 16 Gauge, Add	*16.53*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.74*	
		For Work In Restricted Working Space, Add	*49.85*	
23 31 13 16-0144	EA	14" x 12", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	194.44	45.87
		For Seal Class B, Add	*27.19*	
		For Seal Class A, Add	*72.52*	
		For 24 Gauge, Add	*2.63*	
		For 22 Gauge, Add	*6.05*	
		For 20 Gauge, Add	*9.86*	
		For 18 Gauge, Add	*15.12*	
		For 16 Gauge, Add	*18.41*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.73*	
		For Work In Restricted Working Space, Add	*54.39*	
23 31 13 16-0145	EA	16" x 14", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	237.16	53.84
		For Seal Class B, Add	*32.16*	
		For Seal Class A, Add	*85.77*	
		For 24 Gauge, Add	*4.55*	
		For 22 Gauge, Add	*10.46*	
		For 20 Gauge, Add	*17.05*	
		For 18 Gauge, Add	*26.14*	
		For 16 Gauge, Add	*31.82*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.82*	
		For Work In Restricted Working Space, Add	*64.33*	
23 31 13 16-0146	EA	18" x 16", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	290.18	66.81
		For Seal Class B, Add	*39.88*	
		For Seal Class A, Add	*106.36*	
		For 24 Gauge, Add	*4.86*	
		For 22 Gauge, Add	*11.17*	
		For 20 Gauge, Add	*18.22*	
		For 18 Gauge, Add	*27.93*	
		For 16 Gauge, Add	*34.01*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.97*	
		For Work In Restricted Working Space, Add	*79.77*	
23 31 13 16-0147	EA	20" x 18", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	347.56	80.76
		For Seal Class B, Add	*48.25*	
		For Seal Class A, Add	*128.66*	
		For 24 Gauge, Add	*5.18*	
		For 22 Gauge, Add	*11.92*	
		For 20 Gauge, Add	*19.44*	
		For 18 Gauge, Add	*29.81*	
		For 16 Gauge, Add	*36.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.18*	
		For Work In Restricted Working Space, Add	*96.49*	
23 31 13 16-0148	EA	22" x 20", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	403.81	93.73
		For Seal Class B, Add	*56.44*	
		For Seal Class A, Add	*150.50*	
		For 24 Gauge, Add	*5.51*	
		For 22 Gauge, Add	*12.68*	
		For 20 Gauge, Add	*20.67*	
		For 18 Gauge, Add	*31.69*	
		For 16 Gauge, Add	*38.58*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.39*	
		For Work In Restricted Working Space, Add	*112.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0149	EA	24" x 22", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	453.33	106.69
		For Seal Class B, Add	*63.64*	
		For Seal Class A, Add	*169.72*	
		For 24 Gauge, Add	*5.81*	
		For 22 Gauge, Add	*13.36*	
		For 20 Gauge, Add	*21.78*	
		For 18 Gauge, Add	*33.40*	
		For 16 Gauge, Add	*40.66*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*21.49*	
		For Work In Restricted Working Space, Add	*127.29*	
23 31 13 16-0150		Slip Joint, Galvanized, Spiral Duct Couplings *(23 31 13 16-0074)*		
23 31 13 16-0151	EA	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	58.07	13.96
		For Seal Class B, Add	*8.08*	
		For Seal Class A, Add	*21.56*	
		For 24 Gauge, Add	*0.84*	
		For 22 Gauge, Add	*1.92*	
		For 20 Gauge, Add	*3.14*	
		For 18 Gauge, Add	*4.81*	
		For 16 Gauge, Add	*5.85*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.09*	
		For Work In Restricted Working Space, Add	*16.17*	
23 31 13 16-0152	EA	6 Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	84.51	19.94
		For Seal Class B, Add	*11.96*	
		For Seal Class A, Add	*31.90*	
		For 24 Gauge, Add	*0.95*	
		For 22 Gauge, Add	*2.19*	
		For 20 Gauge, Add	*3.56*	
		For 18 Gauge, Add	*5.46*	
		For 16 Gauge, Add	*6.65*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.52*	
		For Work In Restricted Working Space, Add	*23.93*	
23 31 13 16-0153	EA	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	110.08	25.93
		For Seal Class B, Add	*15.74*	
		For Seal Class A, Add	*41.98*	
		For 24 Gauge, Add	*1.02*	
		For 22 Gauge, Add	*2.36*	
		For 20 Gauge, Add	*3.84*	
		For 18 Gauge, Add	*5.89*	
		For 16 Gauge, Add	*7.17*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.79*	
		For Work In Restricted Working Space, Add	*31.49*	
23 31 13 16-0154	EA	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	138.44	32.91
		For Seal Class B, Add	*19.94*	
		For Seal Class A, Add	*53.18*	
		For 24 Gauge, Add	*1.10*	
		For 22 Gauge, Add	*2.53*	
		For 20 Gauge, Add	*4.13*	
		For 18 Gauge, Add	*6.33*	
		For 16 Gauge, Add	*7.70*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.07*	
		For Work In Restricted Working Space, Add	*39.88*	
23 31 13 16-0155	EA	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	172.05	41.88
		For Seal Class B, Add	*24.93*	
		For Seal Class A, Add	*66.47*	
		For 24 Gauge, Add	*1.17*	
		For 22 Gauge, Add	*2.70*	
		For 20 Gauge, Add	*4.40*	
		For 18 Gauge, Add	*6.75*	
		For 16 Gauge, Add	*8.22*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.34*	
		For Work In Restricted Working Space, Add	*49.85*	
23 31 13 16-0156	EA	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	187.53	45.87
		For Seal Class B, Add	*27.19*	
		For Seal Class A, Add	*72.52*	
		For 24 Gauge, Add	*1.25*	
		For 22 Gauge, Add	*2.87*	
		For 20 Gauge, Add	*4.68*	
		For 18 Gauge, Add	*7.18*	
		For 16 Gauge, Add	*8.74*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.62*	
		For Work In Restricted Working Space, Add	*54.39*	
23 31 13 16-0157	EA	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	221.34	53.84
		For Seal Class B, Add	*32.16*	
		For Seal Class A, Add	*85.77*	
		For 24 Gauge, Add	*1.38*	
		For 22 Gauge, Add	*3.18*	
		For 20 Gauge, Add	*5.18*	
		For 18 Gauge, Add	*7.95*	
		For 16 Gauge, Add	*9.67*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.11*	
		For Work In Restricted Working Space, Add	*64.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0158	EA	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	273.17	66.81
		For Seal Class B, Add	*39.88*	
		For Seal Class A, Add	*106.36*	
		For 24 Gauge, Add	*1.46*	
		For 22 Gauge, Add	*3.35*	
		For 20 Gauge, Add	*5.46*	
		For 18 Gauge, Add	*8.37*	
		For 16 Gauge, Add	*10.19*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.39*	
		For Work In Restricted Working Space, Add	*79.77*	
23 31 13 16-0159	EA	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	329.37	80.76
		For Seal Class B, Add	*48.25*	
		For Seal Class A, Add	*128.66*	
		For 24 Gauge, Add	*1.55*	
		For 22 Gauge, Add	*3.56*	
		For 20 Gauge, Add	*5.80*	
		For 18 Gauge, Add	*8.89*	
		For 16 Gauge, Add	*10.82*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.72*	
		For Work In Restricted Working Space, Add	*96.49*	
23 31 13 16-0160	EA	22 Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	384.27	188.45
		For Seal Class B, Add	*56.44*	
		For Seal Class A, Add	*150.50*	
		For 24 Gauge, Add	*1.60*	
		For 22 Gauge, Add	*3.69*	
		For 20 Gauge, Add	*6.02*	
		For 18 Gauge, Add	*9.22*	
		For 16 Gauge, Add	*11.23*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.93*	
		For Work In Restricted Working Space, Add	*112.88*	
23 31 13 16-0161	EA	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	432.76	212.38
		For Seal Class B, Add	*63.64*	
		For Seal Class A, Add	*169.72*	
		For 24 Gauge, Add	*1.69*	
		For 22 Gauge, Add	*3.90*	
		For 20 Gauge, Add	*6.35*	
		For 18 Gauge, Add	*9.74*	
		For 16 Gauge, Add	*11.86*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.27*	
		For Work In Restricted Working Space, Add	*127.29*	
23 31 13 16-0162		Slip Joint, Galvanized, Spiral Duct Caps *(23 31 13 16-0074)*		
23 31 13 16-0163	EA	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	31.85	13.96
		For Seal Class B, Add	*4.04*	
		For Seal Class A, Add	*10.78*	
		For 24 Gauge, Add	*0.98*	
		For 22 Gauge, Add	*2.25*	
		For 20 Gauge, Add	*3.68*	
		For 18 Gauge, Add	*5.64*	
		For 16 Gauge, Add	*6.86*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.63*	
		For Work In Restricted Working Space, Add	*8.09*	
23 31 13 16-0164	EA	6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	45.38	19.94
		For Seal Class B, Add	*5.98*	
		For Seal Class A, Add	*15.95*	
		For 24 Gauge, Add	*1.10*	
		For 22 Gauge, Add	*2.53*	
		For 20 Gauge, Add	*4.13*	
		For 18 Gauge, Add	*6.33*	
		For 16 Gauge, Add	*7.70*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.07*	
		For Work In Restricted Working Space, Add	*11.96*	
23 31 13 16-0165	EA	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	58.50	26.92
		For Seal Class B, Add	*7.87*	
		For Seal Class A, Add	*20.99*	
		For 24 Gauge, Add	*1.20*	
		For 22 Gauge, Add	*2.77*	
		For 20 Gauge, Add	*4.52*	
		For 18 Gauge, Add	*6.92*	
		For 16 Gauge, Add	*8.43*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.45*	
		For Work In Restricted Working Space, Add	*15.74*	
23 31 13 16-0166	EA	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	73.17	33.90
		For Seal Class B, Add	*9.97*	
		For Seal Class A, Add	*26.59*	
		For 24 Gauge, Add	*1.34*	
		For 22 Gauge, Add	*3.08*	
		For 20 Gauge, Add	*5.02*	
		For 18 Gauge, Add	*7.69*	
		For 16 Gauge, Add	*9.37*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.95*	
		For Work In Restricted Working Space, Add	*19.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0167	EA	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	90.52	41.88
		For Seal Class B, Add	*12.46*	
		For Seal Class A, Add	*33.24*	
		For 24 Gauge, Add	*1.49*	
		For 22 Gauge, Add	*3.42*	
		For 20 Gauge, Add	*5.57*	
		For 18 Gauge, Add	*8.54*	
		For 16 Gauge, Add	*10.40*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.50*	
		For Work In Restricted Working Space, Add	*24.93*	
23 31 13 16-0168	EA	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	98.81	45.87
		For Seal Class B, Add	*13.60*	
		For Seal Class A, Add	*36.26*	
		For 24 Gauge, Add	*1.63*	
		For 22 Gauge, Add	*3.76*	
		For 20 Gauge, Add	*6.13*	
		For 18 Gauge, Add	*9.40*	
		For 16 Gauge, Add	*11.44*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.05*	
		For Work In Restricted Working Space, Add	*27.19*	
23 31 13 16-0169	EA	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	114.39	52.85
		For Seal Class B, Add	*15.74*	
		For Seal Class A, Add	*41.98*	
		For 24 Gauge, Add	*1.89*	
		For 22 Gauge, Add	*4.34*	
		For 20 Gauge, Add	*7.07*	
		For 18 Gauge, Add	*10.84*	
		For 16 Gauge, Add	*13.20*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.98*	
		For Work In Restricted Working Space, Add	*31.49*	
23 31 13 16-0170	EA	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	164.73	66.81
		For Seal Class B, Add	*19.94*	
		For Seal Class A, Add	*53.18*	
		For 24 Gauge, Add	*6.36*	
		For 22 Gauge, Add	*14.62*	
		For 20 Gauge, Add	*23.84*	
		For 18 Gauge, Add	*36.56*	
		For 16 Gauge, Add	*44.51*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.52*	
		For Work In Restricted Working Space, Add	*39.88*	
23 31 13 16-0171	EA	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	200.65	82.76
		For Seal Class B, Add	*24.93*	
		For Seal Class A, Add	*66.47*	
		For 24 Gauge, Add	*6.89*	
		For 22 Gauge, Add	*15.86*	
		For 20 Gauge, Add	*25.85*	
		For 18 Gauge, Add	*39.64*	
		For 16 Gauge, Add	*48.26*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*25.51*	
		For Work In Restricted Working Space, Add	*49.85*	
23 31 13 16-0172	EA	22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	218.43	90.73
		For Seal Class B, Add	*27.19*	
		For Seal Class A, Add	*72.52*	
		For 24 Gauge, Add	*7.43*	
		For 22 Gauge, Add	*17.08*	
		For 20 Gauge, Add	*27.86*	
		For 18 Gauge, Add	*42.71*	
		For 16 Gauge, Add	*52.00*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*27.48*	
		For Work In Restricted Working Space, Add	*54.39*	
23 31 13 16-0173	EA	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	252.04	105.69
		For Seal Class B, Add	*31.82*	
		For Seal Class A, Add	*84.86*	
		For 24 Gauge, Add	*7.98*	
		For 22 Gauge, Add	*18.35*	
		For 20 Gauge, Add	*29.92*	
		For 18 Gauge, Add	*45.87*	
		For 16 Gauge, Add	*55.85*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*29.52*	
		For Work In Restricted Working Space, Add	*63.65*	

23 31 13 19 Metal Duct Fittings *(23 31 13)*

23 31 13 19-0001 Sheet Metal Baffles *(23 31 13 19)*

23 31 13 19-0002	LF	Sheet Metal Baffles Under Raised Floor	38.52	31.00
		For Work In Restricted Working Space, Add	*11.34*	
		For Elevated Installation >10' To 15', Add	*3.78*	
		For Elevated Installation >15' To 20', Add	*7.56*	
		For Elevated Installation >20' To 25', Add	*9.45*	
		For Elevated Installation >25' To 30', Add	*13.23*	
		For Elevated Installation >30' To 35', Add	*15.12*	
		For Elevated Installation >35' To 40', Add	*18.90*	
		For Elevated Installation >40', Add	*20.78*	

23 31 13 19-0003 Duct Register Boots *(23 31 13 19)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 19-0004	EA	10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	34.09	13.50
		For Stainless Steel, Add	*9.20*	
23 31 13 19-0005	EA	10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	34.09	13.50
		For Stainless Steel, Add	*9.20*	
23 31 13 19-0006	EA	12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	36.39	14.58
		For Stainless Steel, Add	*9.40*	
23 31 13 19-0007	EA	12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	36.39	14.58
		For Stainless Steel, Add	*9.40*	
23 31 13 19-0008	EA	12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	38.14	14.58
		For Stainless Steel, Add	*11.67*	
23 31 13 19-0009	EA	14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	39.42	15.66
		For Stainless Steel, Add	*10.53*	
23 31 13 19-0010	EA	14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	39.42	15.66
		For Stainless Steel, Add	*10.53*	
23 31 13 19-0011	EA	14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	40.50	15.66
		For Stainless Steel, Add	*11.93*	
23 31 13 19-0012	EA	10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	39.86	16.74
		For Stainless Steel, Add	*8.28*	
23 31 13 19-0013	EA	12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	42.20	17.83
		For Stainless Steel, Add	*8.53*	
23 31 13 19-0014	EA	12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	46.65	17.83
		For Stainless Steel, Add	*14.31*	
23 31 13 19-0015	EA	14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	44.76	18.90
		For Stainless Steel, Add	*9.04*	
23 31 13 19-0016	EA	14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	49.12	18.90
		For Stainless Steel, Add	*14.70*	
23 31 13 19-0017	EA	12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel	35.34	14.58
		For Stainless Steel, Add	*8.03*	
23 31 13 19-0018	EA	12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	35.34	14.58
		For Stainless Steel, Add	*8.03*	
23 31 13 19-0019	EA	14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	38.21	15.66
		For Stainless Steel, Add	*8.96*	
23 31 13 19-0020	EA	14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel	39.24	15.66
		For Stainless Steel, Add	*10.30*	
23 31 13 19-0021	EA	10" x 4" x 6" Register Boot, Center, Galvanized Steel	40.00	16.74
		For Stainless Steel, Add	*8.46*	
23 31 13 19-0022	EA	12" x 4" x 6" Register Boot, Center, Galvanized Steel	42.32	17.83
		For Stainless Steel, Add	*8.68*	
23 31 13 19-0023	EA	12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	36.05	14.58
		For Stainless Steel, Add	*8.96*	
23 31 13 19-0024	EA	14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	38.63	15.66
		For Stainless Steel, Add	*9.50*	
23 31 13 19-0025	EA	10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	34.09	13.50
		For Stainless Steel, Add	*9.20*	
23 31 13 19-0026	EA	12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	36.39	14.58
		For Stainless Steel, Add	*9.40*	
23 31 13 19-0027	EA	14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel	39.42	15.66
		For Stainless Steel, Add	*10.53*	
23 31 13 19-0028	EA	14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	39.42	15.66
		For Stainless Steel, Add	*10.53*	
23 31 13 19-0029	EA	10" x 4" x 6" Register Boot, Universal, Galvanized Steel	39.86	16.74
		For Stainless Steel, Add	*8.28*	
23 31 13 19-0030	EA	12" x 4" x 6" Register Boot, Universal, Galvanized Steel	42.20	17.83
		For Stainless Steel, Add	*8.53*	
23 31 13 19-0031	EA	12" x 4" x 7" Register Boot, Universal, Galvanized Steel	46.65	17.83
		For Stainless Steel, Add	*14.31*	
23 31 13 19-0032	EA	14" x 4" x 7" Register Boot, Universal, Galvanized Steel	48.82	18.90
		For Stainless Steel, Add	*14.31*	

23 31 13 23 Galvanized Steel Welded Duct *(23 31 13)*

Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.

23 31 13 23-0001 Welded Steel Ductwork *(23 31 13 23)*

Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.

23 31 13 23-0002 Galvanized Steel Welded Duct, For Kitchen *(23 31 13 23-0001)*

Note: Also includes special exhaust systems and waste.

23 31 13 23-0003	LB	Galvanized Steel Welded Duct	21.85	9.40
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.22*	
		For Work In Restricted Working Space, Add	*5.66*	
		For Elevated Installation >10' To 15', Add	*1.89*	
		For Elevated Installation >15' To 20', Add	*3.77*	
		For Elevated Installation >20' To 25', Add	*4.71*	
		For Elevated Installation >25' To 30', Add	*6.60*	
		For Elevated Installation >30' To 35', Add	*7.54*	
		For Elevated Installation >35' To 40', Add	*9.43*	
		For Elevated Installation >40', Add	*10.37*	

23 31 13 23-0004 Black Steel Ductwork *(23 31 13 23-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 23-0005	LB	Black Steel Ductwork	20.05	9.69
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*0.50*	
		For Work In Restricted Working Space, Add	*5.81*	
		For Elevated Installation >10' To 15', Add	*1.94*	
		For Elevated Installation >15' To 20', Add	*3.88*	
		For Elevated Installation >20' To 25', Add	*4.85*	
		For Elevated Installation >25' To 30', Add	*6.78*	
		For Elevated Installation >30' To 35', Add	*7.75*	
		For Elevated Installation >35' To 40', Add	*9.69*	
		For Elevated Installation >40', Add	*10.66*	

23 31 16 Nonmetal Ducts *(23 31)*

23 31 16 13 Fibrous-Glass Ducts *(23 31 16)*

23 31 16 13-0001 Glass Fiber Duct Board *(23 31 16 13)*

Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.

23 31 16 13-0002	SF	1" Glass Fiber Duct Board (EI-475)	9.95	1.94
23 31 16 13-0003	SF	1-1/2" Glass Fiber Duct Board (EI-800)	11.83	2.13
23 31 16 13-0004	SF	2" Glass Fiber Duct Board (EI-800)	13.77	2.34

23 31 16 16 Thermoset Fiberglass-Reinforced Plastic Ducts *(23 31 16)*

23 31 16 16-0001 Fiber Reinforced Round Plastic Duct *(23 31 16 16)*

23 31 16 16-0002 Fiber Reinforced Round Plastic Duct *(23 31 16 16-0001)*

23 31 16 16-0003	LF	2" Fiber Reinforced Plastic Duct	16.49	5.29
23 31 16 16-0004	LF	3" Fiber Reinforced Plastic Duct	20.65	6.19
23 31 16 16-0005	LF	4" Fiber Reinforced Plastic Duct	28.01	9.09
23 31 16 16-0006	LF	6" Fiber Reinforced Plastic Duct	37.14	11.49
23 31 16 16-0007	LF	8" Fiber Reinforced Plastic Duct	47.06	14.38
23 31 16 16-0008	LF	10" Fiber Reinforced Plastic Duct	56.75	17.28
23 31 16 16-0009	LF	12" Fiber Reinforced Plastic Duct	63.89	20.18
23 31 16 16-0010	LF	14" Fiber Reinforced Plastic Duct	72.92	22.07
23 31 16 16-0011	LF	16" Fiber Reinforced Plastic Duct	78.82	23.47
23 31 16 16-0012	LF	18" Fiber Reinforced Plastic Duct	98.06	26.37
23 31 16 16-0013	LF	20" Fiber Reinforced Plastic Duct	103.13	28.26
23 31 16 16-0014	LF	24" Fiber Reinforced Plastic Duct	127.32	30.17
23 31 16 16-0015	LF	30" Fiber Reinforced Plastic Duct	145.82	34.95
23 31 16 16-0016	LF	36" Fiber Reinforced Plastic Duct	168.30	42.15
23 31 16 16-0017	LF	42" Fiber Reinforced Plastic Duct	225.27	46.95
23 31 16 16-0018	LF	48" Fiber Reinforced Plastic Duct	252.36	52.73
23 31 16 16-0019	LF	54" Fiber Reinforced Plastic Duct	280.31	60.42
23 31 16 16-0020	LF	60" Fiber Reinforced Plastic Duct	318.08	70.51
23 31 16 16-0021	LF	66" Fiber Reinforced Plastic Duct	340.94	86.29
23 31 16 16-0022	LF	72" Fiber Reinforced Plastic Duct	416.06	105.47

23 31 16 16-0023 Fiber Reinforced Plastic Bell *(23 31 16 16-0001)*

23 31 16 16-0024	EA	2" Fiber Reinforced Plastic Bell	57.41	21.48
23 31 16 16-0025	EA	3" Fiber Reinforced Plastic Bell	69.01	25.47
23 31 16 16-0026	EA	4" Fiber Reinforced Plastic Bell	79.81	29.96
23 31 16 16-0027	EA	6" Fiber Reinforced Plastic Bell	105.20	39.95
23 31 16 16-0028	EA	8" Fiber Reinforced Plastic Bell	128.79	49.94
23 31 16 16-0029	EA	10" Fiber Reinforced Plastic Bell	150.58	59.93
23 31 16 16-0030	EA	12" Fiber Reinforced Plastic Bell	186.76	74.41
23 31 16 16-0031	EA	14" Fiber Reinforced Plastic Bell	199.36	79.90
23 31 16 16-0032	EA	16" Fiber Reinforced Plastic Bell	215.97	85.40
23 31 16 16-0033	EA	18" Fiber Reinforced Plastic Bell	232.57	91.89
23 31 16 16-0034	EA	20" Fiber Reinforced Plastic Bell	253.97	99.88
23 31 16 16-0035	EA	24" Fiber Reinforced Plastic Bell	292.01	109.87
23 31 16 16-0036	EA	30" Fiber Reinforced Plastic Bell	335.47	119.86
23 31 16 16-0037	EA	36" Fiber Reinforced Plastic Bell	379.91	134.83
23 31 16 16-0038	EA	42" Fiber Reinforced Plastic Bell	424.33	149.82
23 31 16 16-0039	EA	48" Fiber Reinforced Plastic Bell	468.73	164.80
23 31 16 16-0040	EA	54" Fiber Reinforced Plastic Bell	580.21	199.76
23 31 16 16-0041	EA	60" Fiber Reinforced Plastic Bell	698.16	249.70
23 31 16 16-0042	EA	66" Fiber Reinforced Plastic Bell	837.75	299.64
23 31 16 16-0043	EA	72" Fiber Reinforced Plastic Bell	957.54	339.58

23 31 16 16-0044 Fiber Reinforced Plastic Flange *(23 31 16 16-0001)*

23 31 16 16-0045	EA	2" Fiber Reinforced Plastic Flange	86.32	21.48
23 31 16 16-0046	EA	3" Fiber Reinforced Plastic Flange	99.73	25.47
23 31 16 16-0047	EA	4" Fiber Reinforced Plastic Flange	114.14	29.96
23 31 16 16-0048	EA	6" Fiber Reinforced Plastic Flange	148.57	39.95
23 31 16 16-0049	EA	8" Fiber Reinforced Plastic Flange	181.20	49.94
23 31 16 16-0050	EA	10" Fiber Reinforced Plastic Flange	213.82	59.93
23 31 16 16-0051	EA	12" Fiber Reinforced Plastic Flange	253.62	74.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0052	EA	14" Fiber Reinforced Plastic Flange	280.68	79.90
23 31 16 16-0053	EA	16" Fiber Reinforced Plastic Flange	306.32	85.40
23 31 16 16-0054	EA	18" Fiber Reinforced Plastic Flange	326.53	91.89
23 31 16 16-0055	EA	20" Fiber Reinforced Plastic Flange	344.32	99.88
23 31 16 16-0056	EA	24" Fiber Reinforced Plastic Flange	400.43	109.87
23 31 16 16-0057	EA	30" Fiber Reinforced Plastic Flange	440.28	119.86
23 31 16 16-0058	EA	36" Fiber Reinforced Plastic Flange	537.12	134.83
23 31 16 16-0059	EA	42" Fiber Reinforced Plastic Flange	597.81	149.82
23 31 16 16-0060	EA	48" Fiber Reinforced Plastic Flange	676.54	164.80
23 31 16 16-0061	EA	54" Fiber Reinforced Plastic Flange	797.05	199.76
23 31 16 16-0062	EA	60" Fiber Reinforced Plastic Flange	956.57	249.70
23 31 16 16-0063	EA	66" Fiber Reinforced Plastic Flange	1,116.03	299.64
23 31 16 16-0064	EA	72" Fiber Reinforced Plastic Flange	1,275.58	339.58
23 31 16 16-0065		**Fiber Reinforced Plastic 90 Degree Elbow** *(23 31 16 16-0001)*		
23 31 16 16-0066	EA	2" Fiber Reinforced Plastic 90 Degree Elbow	145.92	51.73
23 31 16 16-0067	EA	3" Fiber Reinforced Plastic 90 Degree Elbow	171.75	61.82
23 31 16 16-0068	EA	4" Fiber Reinforced Plastic 90 Degree Elbow	199.36	71.91
23 31 16 16-0069	EA	6" Fiber Reinforced Plastic 90 Degree Elbow	259.20	95.88
23 31 16 16-0070	EA	8" Fiber Reinforced Plastic 90 Degree Elbow	319.02	119.86
23 31 16 16-0071	EA	10" Fiber Reinforced Plastic 90 Degree Elbow	378.86	143.82
23 31 16 16-0072	EA	12" Fiber Reinforced Plastic 90 Degree Elbow	466.13	178.89
23 31 16 16-0073	EA	14" Fiber Reinforced Plastic 90 Degree Elbow	523.45	189.37
23 31 16 16-0074	EA	16" Fiber Reinforced Plastic 90 Degree Elbow	592.17	205.65
23 31 16 16-0075	EA	18" Fiber Reinforced Plastic 90 Degree Elbow	696.46	220.53
23 31 16 16-0076	EA	20" Fiber Reinforced Plastic 90 Degree Elbow	797.12	239.71
23 31 16 16-0077	EA	24" Fiber Reinforced Plastic 90 Degree Elbow	918.39	263.68
23 31 16 16-0078	EA	30" Fiber Reinforced Plastic 90 Degree Elbow	1,211.29	287.65
23 31 16 16-0079	EA	36" Fiber Reinforced Plastic 90 Degree Elbow	1,533.28	323.61
23 31 16 16-0080	EA	42" Fiber Reinforced Plastic 90 Degree Elbow	1,990.78	359.66
23 31 16 16-0081	EA	48" Fiber Reinforced Plastic 90 Degree Elbow	2,348.91	395.62
23 31 16 16-0082	EA	54" Fiber Reinforced Plastic 90 Degree Elbow	2,786.75	479.42
23 31 16 16-0083	EA	60" Fiber Reinforced Plastic 90 Degree Elbow	3,384.05	599.27
23 31 16 16-0084	EA	66" Fiber Reinforced Plastic 90 Degree Elbow	3,980.97	718.93
23 31 16 16-0085	EA	72" Fiber Reinforced Plastic 90 Degree Elbow	4,538.15	814.71
23 31 16 16-0086		**Fiber Reinforced Plastic 45 Degree Elbow** *(23 31 16 16-0001)*		
23 31 16 16-0087	EA	2" Fiber Reinforced Plastic 45 Degree Elbow	126.04	51.73
23 31 16 16-0088	EA	3" Fiber Reinforced Plastic 45 Degree Elbow	148.26	61.82
23 31 16 16-0089	EA	4" Fiber Reinforced Plastic 45 Degree Elbow	172.23	71.91
23 31 16 16-0090	EA	6" Fiber Reinforced Plastic 45 Degree Elbow	219.44	95.88
23 31 16 16-0091	EA	8" Fiber Reinforced Plastic 45 Degree Elbow	266.62	119.86
23 31 16 16-0092	EA	10" Fiber Reinforced Plastic 45 Degree Elbow	317.49	143.82
23 31 16 16-0093	EA	12" Fiber Reinforced Plastic 45 Degree Elbow	392.11	178.89
23 31 16 16-0094	EA	14" Fiber Reinforced Plastic 45 Degree Elbow	423.98	189.37
23 31 16 16-0095	EA	16" Fiber Reinforced Plastic 45 Degree Elbow	498.02	205.55
23 31 16 16-0096	EA	18" Fiber Reinforced Plastic 45 Degree Elbow	566.62	220.73
23 31 16 16-0097	EA	20" Fiber Reinforced Plastic 45 Degree Elbow	648.88	239.71
23 31 16 16-0098	EA	24" Fiber Reinforced Plastic 45 Degree Elbow	742.65	263.48
23 31 16 16-0099	EA	30" Fiber Reinforced Plastic 45 Degree Elbow	921.80	287.45
23 31 16 16-0100	EA	36" Fiber Reinforced Plastic 45 Degree Elbow	1,116.33	323.91
23 31 16 16-0101	EA	42" Fiber Reinforced Plastic 45 Degree Elbow	1,400.31	359.86
23 31 16 16-0102	EA	48" Fiber Reinforced Plastic 45 Degree Elbow	1,635.14	395.62
23 31 16 16-0103	EA	54" Fiber Reinforced Plastic 45 Degree Elbow	1,951.91	479.42
23 31 16 16-0104	EA	60" Fiber Reinforced Plastic 45 Degree Elbow	2,350.43	599.27
23 31 16 16-0105	EA	66" Fiber Reinforced Plastic 45 Degree Elbow	2,767.97	717.53
23 31 16 16-0106	EA	72" Fiber Reinforced Plastic 45 Degree Elbow	3,130.14	815.51
23 31 16 16-0107		**Fiber Reinforced Plastic Tee** *(23 31 16 16-0001)*		
23 31 16 16-0108	EA	2" Fiber Reinforced Plastic Tee	191.90	77.20
23 31 16 16-0109	EA	3" Fiber Reinforced Plastic Tee	227.28	92.99
23 31 16 16-0110	EA	4" Fiber Reinforced Plastic Tee	261.10	107.87
23 31 16 16-0111	EA	6" Fiber Reinforced Plastic Tee	339.11	143.82
23 31 16 16-0112	EA	8" Fiber Reinforced Plastic Tee	415.54	178.89
23 31 16 16-0113	EA	10" Fiber Reinforced Plastic Tee	496.67	216.73
23 31 16 16-0114	EA	12" Fiber Reinforced Plastic Tee	600.46	262.68
23 31 16 16-0115	EA	14" Fiber Reinforced Plastic Tee	654.51	284.25
23 31 16 16-0116	EA	16" Fiber Reinforced Plastic Tee	749.54	308.82
23 31 16 16-0117	EA	18" Fiber Reinforced Plastic Tee	840.45	330.79
23 31 16 16-0118	EA	20" Fiber Reinforced Plastic Tee	960.77	359.66
23 31 16 16-0119	EA	24" Fiber Reinforced Plastic Tee	1,093.03	395.62
23 31 16 16-0120	EA	30" Fiber Reinforced Plastic Tee	1,288.18	431.38
23 31 16 16-0121	EA	36" Fiber Reinforced Plastic Tee	1,532.20	485.61
23 31 16 16-0122	EA	42" Fiber Reinforced Plastic Tee	1,983.37	539.55
23 31 16 16-0123	EA	48" Fiber Reinforced Plastic Tee	2,344.55	593.58
23 31 16 16-0124	EA	54" Fiber Reinforced Plastic Tee	2,825.63	719.62
23 31 16 16-0125	EA	60" Fiber Reinforced Plastic Tee	3,396.15	899.31
23 31 16 16-0126	EA	66" Fiber Reinforced Plastic Tee	3,966.10	1,078.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0127	EA	72" Fiber Reinforced Plastic Tee	4,477.82	1,223.02
23 31 16 16-0128		**Fiber Reinforced Plastic Lateral Joint** *(23 31 16 16-0001)*		
23 31 16 16-0129	EA	2" Fiber Reinforced Plastic Lateral Joint	164.78	77.20
23 31 16 16-0130	EA	3" Fiber Reinforced Plastic Lateral Joint	194.72	92.99
23 31 16 16-0131	EA	4" Fiber Reinforced Plastic Lateral Joint	223.18	107.87
23 31 16 16-0132	EA	6" Fiber Reinforced Plastic Lateral Joint	286.77	143.82
23 31 16 16-0133	EA	8" Fiber Reinforced Plastic Lateral Joint	348.75	178.89
23 31 16 16-0134	EA	10" Fiber Reinforced Plastic Lateral Joint	419.02	216.73
23 31 16 16-0135	EA	12" Fiber Reinforced Plastic Lateral Joint	503.11	262.88
23 31 16 16-0136	EA	14" Fiber Reinforced Plastic Lateral Joint	545.64	284.06
23 31 16 16-0137	EA	16" Fiber Reinforced Plastic Lateral Joint	597.96	308.92
23 31 16 16-0138	EA	18" Fiber Reinforced Plastic Lateral Joint	645.77	331.10
23 31 16 16-0139	EA	20" Fiber Reinforced Plastic Lateral Joint	704.61	359.86
23 31 16 16-0140	EA	24" Fiber Reinforced Plastic Lateral Joint	778.61	395.62
23 31 16 16-0141	EA	30" Fiber Reinforced Plastic Lateral Joint	857.70	431.18
23 31 16 16-0142	EA	36" Fiber Reinforced Plastic Lateral Joint	967.89	485.31
23 31 16 16-0143	EA	42" Fiber Reinforced Plastic Lateral Joint	1,080.51	539.85
23 31 16 16-0144	EA	48" Fiber Reinforced Plastic Lateral Joint	1,187.67	593.38
23 31 16 16-0145	EA	54" Fiber Reinforced Plastic Lateral Joint	1,421.74	717.53
23 31 16 16-0146	EA	60" Fiber Reinforced Plastic Lateral Joint	1,745.43	900.91
23 31 16 16-0147	EA	66" Fiber Reinforced Plastic Lateral Joint	2,106.16	1,079.39
23 31 16 16-0148	EA	72" Fiber Reinforced Plastic Lateral Joint	2,363.60	1,223.02
23 31 16 16-0149		**Fiber Reinforced Plastic One Piece Reducer** *(23 31 16 16-0001)*		
23 31 16 16-0150	EA	2" Fiber Reinforced Plastic One Piece Reducer	133.30	51.84
23 31 16 16-0151	EA	3" Fiber Reinforced Plastic One Piece Reducer	157.34	61.92
23 31 16 16-0152	EA	4" Fiber Reinforced Plastic One Piece Reducer	184.96	71.91
23 31 16 16-0153	EA	6" Fiber Reinforced Plastic One Piece Reducer	239.32	95.88
23 31 16 16-0154	EA	8" Fiber Reinforced Plastic One Piece Reducer	290.11	119.86
23 31 16 16-0155	EA	10" Fiber Reinforced Plastic One Piece Reducer	349.09	144.43
23 31 16 16-0156	EA	12" Fiber Reinforced Plastic One Piece Reducer	417.41	178.89
23 31 16 16-0157	EA	14" Fiber Reinforced Plastic One Piece Reducer	445.67	189.37
23 31 16 16-0158	EA	16" Fiber Reinforced Plastic One Piece Reducer	490.80	205.55
23 31 16 16-0159	EA	18" Fiber Reinforced Plastic One Piece Reducer	537.71	220.73
23 31 16 16-0160	EA	20" Fiber Reinforced Plastic One Piece Reducer	598.28	239.71
23 31 16 16-0161	EA	24" Fiber Reinforced Plastic One Piece Reducer	678.53	263.98
23 31 16 16-0162	EA	30" Fiber Reinforced Plastic One Piece Reducer	758.46	288.15
23 31 16 16-0163	EA	36" Fiber Reinforced Plastic One Piece Reducer	857.93	323.91
23 31 16 16-0164	EA	42" Fiber Reinforced Plastic One Piece Reducer	957.59	359.86
23 31 16 16-0165	EA	48" Fiber Reinforced Plastic One Piece Reducer	1,074.96	395.62
23 31 16 16-0166	EA	54" Fiber Reinforced Plastic One Piece Reducer	1,277.89	479.42
23 31 16 16-0167	EA	60" Fiber Reinforced Plastic One Piece Reducer	1,535.46	599.27
23 31 16 16-0168	EA	66" Fiber Reinforced Plastic One Piece Reducer	1,737.97	717.53
23 31 16 16-0169	EA	72" Fiber Reinforced Plastic One Piece Reducer	1,955.58	815.51
23 31 16 16-0170		**Fiber Reinforced Plastic Two Piece Reducer** *(23 31 16 16-0001)*		
23 31 16 16-0171	EA	2" Fiber Reinforced Plastic Two Piece Reducer	154.99	51.84
23 31 16 16-0172	EA	3" Fiber Reinforced Plastic Two Piece Reducer	171.80	61.92
23 31 16 16-0173	EA	4" Fiber Reinforced Plastic Two Piece Reducer	199.42	71.91
23 31 16 16-0174	EA	6" Fiber Reinforced Plastic Two Piece Reducer	259.20	95.88
23 31 16 16-0175	EA	8" Fiber Reinforced Plastic Two Piece Reducer	319.02	119.86
23 31 16 16-0176	EA	10" Fiber Reinforced Plastic Two Piece Reducer	379.81	144.43
23 31 16 16-0177	EA	12" Fiber Reinforced Plastic Two Piece Reducer	457.17	178.89
23 31 16 16-0178	EA	14" Fiber Reinforced Plastic Two Piece Reducer	496.26	189.37
23 31 16 16-0179	EA	16" Fiber Reinforced Plastic Two Piece Reducer	541.39	205.55
23 31 16 16-0180	EA	18" Fiber Reinforced Plastic Two Piece Reducer	606.38	220.73
23 31 16 16-0181	EA	20" Fiber Reinforced Plastic Two Piece Reducer	750.07	239.71
23 31 16 16-0182	EA	24" Fiber Reinforced Plastic Two Piece Reducer	900.79	263.98
23 31 16 16-0183	EA	30" Fiber Reinforced Plastic Two Piece Reducer	968.08	288.15
23 31 16 16-0184	EA	36" Fiber Reinforced Plastic Two Piece Reducer	1,100.07	323.91
23 31 16 16-0185	EA	42" Fiber Reinforced Plastic Two Piece Reducer	1,196.12	359.86
23 31 16 16-0186	EA	48" Fiber Reinforced Plastic Two Piece Reducer	1,309.88	395.62
23 31 16 16-0187	EA	54" Fiber Reinforced Plastic Two Piece Reducer	1,467.63	479.42
23 31 16 16-0188	EA	60" Fiber Reinforced Plastic Two Piece Reducer	1,714.36	599.27
23 31 16 16-0189	EA	66" Fiber Reinforced Plastic Two Piece Reducer	1,936.74	717.53
23 31 16 16-0190	EA	72" Fiber Reinforced Plastic Two Piece Reducer	2,136.28	815.51
23 31 16 16-0191		**Fiber Reinforced Plastic Butterfly Dampers** *(23 31 16 16-0001)*		
23 31 16 16-0192	EA	2" Fiber Reinforced Plastic Damper	381.77	51.73
23 31 16 16-0193	EA	3" Fiber Reinforced Plastic Damper	429.67	61.82
23 31 16 16-0194	EA	4" Fiber Reinforced Plastic Damper	477.55	71.91
23 31 16 16-0195	EA	6" Fiber Reinforced Plastic Damper	564.16	95.88
23 31 16 16-0196	EA	8" Fiber Reinforced Plastic Damper	666.32	119.86
23 31 16 16-0197	EA	10" Fiber Reinforced Plastic Damper	752.94	143.82
23 31 16 16-0198	EA	12" Fiber Reinforced Plastic Damper	857.95	178.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0199	EA	14" Fiber Reinforced Plastic Damper	953.27	189.37
23 31 16 16-0200	EA	16" Fiber Reinforced Plastic Damper	1,058.19	205.65
23 31 16 16-0201	EA	18" Fiber Reinforced Plastic Damper	1,160.73	220.53
23 31 16 16-0202	EA	20" Fiber Reinforced Plastic Damper	1,239.39	239.71
23 31 16 16-0203	EA	24" Fiber Reinforced Plastic Damper	1,403.75	263.68
23 31 16 16-0204	EA	30" Fiber Reinforced Plastic Damper	1,630.30	287.65
23 31 16 16-0205	EA	36" Fiber Reinforced Plastic Damper	1,876.89	323.61
23 31 16 16-0206	EA	42" Fiber Reinforced Plastic Damper	2,154.57	359.66
23 31 16 16-0207	EA	48" Fiber Reinforced Plastic Damper	2,401.17	395.62
23 31 16 16-0208	EA	54" Fiber Reinforced Plastic Damper	2,820.79	479.42
23 31 16 16-0209	EA	60" Fiber Reinforced Plastic Damper	3,300.48	599.27
23 31 16 16-0210	EA	66" Fiber Reinforced Plastic Damper	3,748.69	718.93
23 31 16 16-0211	EA	72" Fiber Reinforced Plastic Damper	4,312.67	814.71

23 31 16 23 Fabric Ducts *(23 31 16)*

23 31 16 23-0001 Heavy Duty Fabric Ducts (Zip-A-Duct™) *(23 31 16 23)*

23 31 16 23-0002 Heavy Duty Fabric Duct Without Vents *(23 31 16 23-0001)*

Note: Includes fabric loops for cable hooks. Requires Suspension Hardware as well as an Inlet Section and Endcap per complete run. See CSI section 23 31 16 23-0064 for suspension hardware.

23 31 16 23-0003	EA	12" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	185.50	7.50
23 31 16 23-0004	EA	12" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	290.79	10.00
23 31 16 23-0005	EA	16" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	222.37	12.50
23 31 16 23-0006	EA	16" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	331.99	16.43
23 31 16 23-0007	EA	20" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	269.01	17.15
23 31 16 23-0008	EA	20" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	386.22	22.86
23 31 16 23-0009	EA	24" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	312.39	22.14
23 31 16 23-0010	EA	24" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	440.45	29.29
23 31 16 23-0011	EA	28" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	348.19	25.37
23 31 16 23-0012	EA	28" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	524.01	33.94
23 31 16 23-0013	EA	32" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	382.92	28.22
23 31 16 23-0014	EA	32" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	584.79	37.50
23 31 16 23-0015	EA	36" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	416.54	32.15
23 31 16 23-0016	EA	36" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	674.85	42.86

23 31 16 23-0017 Heavy Duty Fabric Duct With Vents *(23 31 16 23-0001)*

23 31 16 23-0018	EA	12" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	507.95	10.00
23 31 16 23-0019	EA	16" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	562.18	16.43
23 31 16 23-0020	EA	20" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	627.27	22.86
23 31 16 23-0021	EA	24" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	694.53	29.29
23 31 16 23-0022	EA	28" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	836.72	33.94
23 31 16 23-0023	EA	32" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	897.50	37.50
23 31 16 23-0024	EA	36" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	1,013.62	42.86

23 31 16 23-0025 Heavy Duty Fabric Duct 90 Degree Elbow *(23 31 16 23-0001)*

23 31 16 23-0026	EA	12" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	377.66	10.72
23 31 16 23-0027	EA	16" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	421.02	17.15
23 31 16 23-0028	EA	20" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	570.85	18.58
23 31 16 23-0029	EA	24" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	696.74	25.00
23 31 16 23-0030	EA	28" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	881.30	27.86
23 31 16 23-0031	EA	32" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	1,099.51	30.36
23 31 16 23-0032	EA	36" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	1,249.43	33.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 23-0033		**Heavy Duty Fabric Duct 45 Degree Elbow** *(23 31 16 23-0001)*		
23 31 16 23-0034	EA	12" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	288.62	10.72
23 31 16 23-0035	EA	16" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	338.50	17.15
23 31 16 23-0036	EA	20" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	379.75	18.58
23 31 16 23-0037	EA	24" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	442.66	25.00
23 31 16 23-0038	EA	28" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	512.13	27.86
23 31 16 23-0039	EA	32" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	615.25	30.36
23 31 16 23-0040	EA	36" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	702.08	33.94
23 31 16 23-0041		**Heavy Duty Fabric Duct Tee** *(23 31 16 23-0001)*		
23 31 16 23-0042	EA	16" x 12" x 12" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	922.59	25.00
23 31 16 23-0043	EA	20" x 16" x 16" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	971.43	26.79
23 31 16 23-0044	EA	24" x 16" x 16" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,051.70	36.07
23 31 16 23-0045	EA	28" x 20" x 20" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,105.95	40.37
23 31 16 23-0046	EA	32" x 24" x 24" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,147.17	43.94
23 31 16 23-0047	EA	36" x 28" x 28" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,202.49	49.29
23 31 16 23-0048		**Heavy Duty Fabric Duct Inlets** *(23 31 16 23-0001)*		
23 31 16 23-0049	EA	12" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	147.47	10.72
23 31 16 23-0050	EA	16" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	173.46	17.15
23 31 16 23-0051	EA	20" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	186.48	18.58
23 31 16 23-0052	EA	24" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	214.64	25.00
23 31 16 23-0053	EA	28" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	229.82	27.86
23 31 16 23-0054	EA	32" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	246.08	30.36
23 31 16 23-0055	EA	36" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	269.93	33.94
23 31 16 23-0056		**Heavy Duty Fabric Duct Cap** *(23 31 16 23-0001)*		
23 31 16 23-0057	EA	12" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	86.69	6.43
23 31 16 23-0058	EA	16" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	109.46	10.36
23 31 16 23-0059	EA	20" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	129.00	11.07
23 31 16 23-0060	EA	24" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	179.99	15.00
23 31 16 23-0061	EA	28" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	215.80	16.79
23 31 16 23-0062	EA	32" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	270.08	18.21
23 31 16 23-0063	EA	36" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	304.81	20.36
23 31 16 23-0064		**Heavy Duty Fabric Duct Suspension Hardware** *(23 31 16 23-0001)*		
23 31 16 23-0065	EA	12 To 20 Inch Diameter Ducts Fixing Strap With Galvanized Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	32.44	5.41
23 31 16 23-0066	EA	20 To 36 Inch Diameter Ducts Fixing Strap With Galvanized Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	50.72	8.12
23 31 16 23-0067	EA	Galvanized Cable Locks For Horizontal Cables Note: Requires two (2) cable locks per support point or per stretcher.	11.76	2.71
23 31 16 23-0068	LF	Galvanized Plastic Coated Cable For Fabric Duct Note: Excludes anchor bolts or anchors.	0.75	0.11
23 31 16 23-0069	EA	Galvanized Stretcher For Straight Fabric Duct Runs	27.64	5.41
23 31 16 23-0070	EA	12 To 20 Inch Diameter Ducts Fixing Strap With Stainless Steel Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	61.28	5.41
23 31 16 23-0071	EA	20 To 36 Inch Diameter Ducts Fixing Strap With Stainless Steel Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	83.51	8.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 23-0072	EA	Stainless Steel Cable Locks For Horizontal Cables Note: Requires two (2) cable locks per support point or per stretcher.	15.82	2.71
23 31 16 23-0073	LF	Stainless Steel Plastic Coated Cable For Fabric Duct Note: Excludes anchor bolts or anchors.	2.40	0.11
23 31 16 23-0074	EA	Stainless Steel Stretcher For Straight Fabric Duct Runs	38.15	5.41

23 33 Air Duct Accessories *(23 30)*

23 33 13 Dampers *(23 33)*

23 33 13 13 Volume-Control Dampers *(23 33 13)*

23 33 13 13-0001 Radial Opposed Blade Damper Steel Construction (Ruskin CDR) *(23 33 13 13)*

23 33 13 13-0002	EA	6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	92.52	8.64
		For Stainless Steel, Add	*76.70*	
		For Parallel Blade Damper, Add	*28.60*	
23 33 13 13-0003	EA	7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	98.74	9.72
		For Stainless Steel, Add	*77.81*	
		For Parallel Blade Damper, Add	*23.94*	
23 33 13 13-0004	EA	8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	105.70	10.80
		For Stainless Steel, Add	*78.62*	
		For Parallel Blade Damper, Add	*24.19*	
23 33 13 13-0005	EA	10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	114.11	12.96
		For Stainless Steel, Add	*83.54*	
		For Parallel Blade Damper, Add	*25.70*	
23 33 13 13-0006	EA	12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	123.59	14.04
		For Stainless Steel, Add	*88.45*	
		For Parallel Blade Damper, Add	*27.22*	
23 33 13 13-0007	EA	14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	147.70	15.13
		For Stainless Steel, Add	*113.02*	
		For Parallel Blade Damper, Add	*34.78*	
23 33 13 13-0008	EA	15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	161.54	16.20
		For Stainless Steel, Add	*122.85*	
		For Parallel Blade Damper, Add	*37.80*	
23 33 13 13-0009	EA	16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	170.28	18.36
		For Stainless Steel, Add	*127.75*	
		For Parallel Blade Damper, Add	*39.31*	
23 33 13 13-0010	EA	18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	187.39	19.44
		For Stainless Steel, Add	*142.51*	
		For Parallel Blade Damper, Add	*43.85*	
23 33 13 13-0011	EA	20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	220.61	21.61
		For Stainless Steel, Add	*176.90*	
		For Parallel Blade Damper, Add	*54.43*	
23 33 13 13-0012	EA	24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	243.34	21.61
		For Stainless Steel, Add	*201.45*	
		For Parallel Blade Damper, Add	*61.98*	
23 33 13 13-0013	EA	30" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	278.64	24.84
		For Stainless Steel, Add	*235.85*	
		For Parallel Blade Damper, Add	*72.57*	
23 33 13 13-0014	EA	36" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	300.00	25.92
		For Stainless Steel, Add	*256.98*	
		For Parallel Blade Damper, Add	*79.07*	

23 33 13 13-0015 Rectangular Opposed Blade Damper (Ruskin CD) *(23 33 13 13)*

23 33 13 13-0016	EA	6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	122.12	12.02
		For Stainless Steel, Add	*111.90*	
		For Parallel Blade Damper, Add	*34.43*	
23 33 13 13-0017	EA	8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	129.86	12.55
		For Stainless Steel, Add	*119.85*	
		For Parallel Blade Damper, Add	*36.88*	
23 33 13 13-0018	EA	8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	136.24	12.66
		For Stainless Steel, Add	*127.86*	
		For Parallel Blade Damper, Add	*39.34*	
23 33 13 13-0019	EA	10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	136.24	12.66
		For Stainless Steel, Add	*127.86*	
		For Parallel Blade Damper, Add	*39.34*	
23 33 13 13-0020	EA	10" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	143.47	12.99
		For Stainless Steel, Add	*135.85*	
		For Parallel Blade Damper, Add	*41.80*	
23 33 13 13-0021	EA	10" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	160.07	14.40
		For Stainless Steel, Add	*151.80*	
		For Parallel Blade Damper, Add	*46.71*	
23 33 13 13-0022	EA	12" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	143.47	12.99
		For Stainless Steel, Add	*135.85*	
		For Parallel Blade Damper, Add	*41.80*	
23 33 13 13-0023	EA	12" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	157.90	13.75
		For Stainless Steel, Add	*151.80*	
		For Parallel Blade Damper, Add	*46.71*	
23 33 13 13-0024	EA	12" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	166.26	14.40
		For Stainless Steel, Add	*159.85*	
		For Parallel Blade Damper, Add	*49.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0025	EA	12" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	183.70	16.24
		For Stainless Steel, Add	*175.49*	
		For Parallel Blade Damper, Add	*54.00*	
23 33 13 13-0026	EA	14" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	154.86	13.75
		For Stainless Steel, Add	*147.85*	
		For Parallel Blade Damper, Add	*45.49*	
23 33 13 13-0027	EA	14" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	166.26	14.40
		For Stainless Steel, Add	*159.85*	
		For Parallel Blade Damper, Add	*49.18*	
23 33 13 13-0028	EA	14" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	174.58	15.15
		For Stainless Steel, Add	*167.86*	
		For Parallel Blade Damper, Add	*51.65*	
23 33 13 13-0029	EA	14" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	183.98	16.24
		For Stainless Steel, Add	*175.85*	
		For Parallel Blade Damper, Add	*54.11*	
23 33 13 13-0030	EA	14" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	204.75	18.07
		For Stainless Steel, Add	*195.81*	
		For Parallel Blade Damper, Add	*60.25*	
23 33 13 13-0031	EA	16" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	166.26	14.40
		For Stainless Steel, Add	*159.85*	
		For Parallel Blade Damper, Add	*49.18*	
23 33 13 13-0032	EA	16" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	175.66	15.48
		For Stainless Steel, Add	*167.86*	
		For Parallel Blade Damper, Add	*51.65*	
23 33 13 13-0033	EA	16" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	186.14	16.99
		For Stainless Steel, Add	*175.85*	
		For Parallel Blade Damper, Add	*54.11*	
23 33 13 13-0034	EA	16" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	195.52	18.07
		For Stainless Steel, Add	*183.81*	
		For Parallel Blade Damper, Add	*56.56*	
23 33 13 13-0035	EA	16" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	216.35	19.80
		For Stainless Steel, Add	*203.85*	
		For Parallel Blade Damper, Add	*62.72*	
23 33 13 13-0036	EA	16" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	237.11	21.65
		For Stainless Steel, Add	*223.81*	
		For Parallel Blade Damper, Add	*68.86*	
23 33 13 13-0037	EA	18" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	174.58	15.15
		For Stainless Steel, Add	*167.86*	
		For Parallel Blade Damper, Add	*51.65*	
23 33 13 13-0038	EA	18" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	187.02	16.24
		For Stainless Steel, Add	*179.80*	
		For Parallel Blade Damper, Add	*55.32*	
23 33 13 13-0039	EA	18" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	201.71	18.07
		For Stainless Steel, Add	*191.85*	
		For Parallel Blade Damper, Add	*59.03*	
23 33 13 13-0040	EA	18" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	222.51	19.80
		For Stainless Steel, Add	*211.86*	
		For Parallel Blade Damper, Add	*65.19*	
23 33 13 13-0041	EA	18" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	240.19	21.65
		For Stainless Steel, Add	*227.81*	
		For Parallel Blade Damper, Add	*70.10*	
23 33 13 13-0042	EA	18" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	252.27	23.38
		For Stainless Steel, Add	*236.50*	
		For Parallel Blade Damper, Add	*72.77*	
23 33 13 13-0043	EA	18" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	266.50	25.22
		For Stainless Steel, Add	*247.95*	
		For Parallel Blade Damper, Add	*76.29*	
23 33 13 13-0044	EA	20" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	171.69	16.24
		For Stainless Steel, Add	*159.87*	
		For Parallel Blade Damper, Add	*49.19*	
23 33 13 13-0045	EA	20" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	188.26	18.07
		For Stainless Steel, Add	*174.37*	
		For Parallel Blade Damper, Add	*53.65*	
23 33 13 13-0046	EA	20" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	204.86	19.80
		For Stainless Steel, Add	*188.92*	
		For Parallel Blade Damper, Add	*58.13*	
23 33 13 13-0047	EA	20" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	232.65	21.65
		For Stainless Steel, Add	*218.01*	
		For Parallel Blade Damper, Add	*67.08*	
23 33 13 13-0048	EA	20" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	246.44	23.38
		For Stainless Steel, Add	*228.92*	
		For Parallel Blade Damper, Add	*70.44*	
23 33 13 13-0049	EA	20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	260.25	25.22
		For Stainless Steel, Add	*239.82*	
		For Parallel Blade Damper, Add	*73.79*	
23 33 13 13-0050	EA	20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	276.81	27.06
		For Stainless Steel, Add	*254.32*	
		For Parallel Blade Damper, Add	*78.25*	
23 33 13 13-0051	EA	20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	293.38	28.79
		For Stainless Steel, Add	*268.83*	
		For Parallel Blade Damper, Add	*82.72*	
23 33 13 13-0052	EA	24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	193.85	18.07
		For Stainless Steel, Add	*181.64*	
		For Parallel Blade Damper, Add	*55.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0053	EA	24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	216.05	19.80
		For Stainless Steel, Add	*203.46*	
		For Parallel Blade Damper, Add	*62.60*	
23 33 13 13-0054	EA	24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	232.65	21.65
		For Stainless Steel, Add	*218.01*	
		For Parallel Blade Damper, Add	*67.08*	
23 33 13 13-0055	EA	24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	254.83	23.38
		For Stainless Steel, Add	*239.82*	
		For Parallel Blade Damper, Add	*73.79*	
23 33 13 13-0056	EA	24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	268.61	25.22
		For Stainless Steel, Add	*250.69*	
		For Parallel Blade Damper, Add	*77.14*	
23 33 13 13-0057	EA	24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	282.41	27.06
		For Stainless Steel, Add	*261.60*	
		For Parallel Blade Damper, Add	*80.49*	
23 33 13 13-0058	EA	24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	304.57	28.79
		For Stainless Steel, Add	*283.37*	
		For Parallel Blade Damper, Add	*87.19*	
23 33 13 13-0059	EA	24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	332.14	32.48
		For Stainless Steel, Add	*305.14*	
		For Parallel Blade Damper, Add	*93.89*	
23 33 13 13-0060	EA	24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	365.38	36.04
		For Stainless Steel, Add	*334.28*	
		For Parallel Blade Damper, Add	*102.86*	
23 33 13 13-0061	EA	28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	216.05	19.80
		For Stainless Steel, Add	*203.46*	
		For Parallel Blade Damper, Add	*62.60*	
23 33 13 13-0062	EA	28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	232.65	21.65
		For Stainless Steel, Add	*218.01*	
		For Parallel Blade Damper, Add	*67.08*	
23 33 13 13-0063	EA	28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	254.83	23.38
		For Stainless Steel, Add	*239.82*	
		For Parallel Blade Damper, Add	*73.79*	
23 33 13 13-0064	EA	28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	271.40	25.22
		For Stainless Steel, Add	*254.32*	
		For Parallel Blade Damper, Add	*78.25*	
23 33 13 13-0065	EA	28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	290.76	27.06
		For Stainless Steel, Add	*272.45*	
		For Parallel Blade Damper, Add	*83.83*	
23 33 13 13-0066	EA	28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	310.12	28.79
		For Stainless Steel, Add	*290.59*	
		For Parallel Blade Damper, Add	*89.41*	
23 33 13 13-0067	EA	28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	337.74	32.48
		For Stainless Steel, Add	*312.42*	
		For Parallel Blade Damper, Add	*96.13*	
23 33 13 13-0068	EA	28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	365.38	36.04
		For Stainless Steel, Add	*334.28*	
		For Parallel Blade Damper, Add	*102.86*	
23 33 13 13-0069	EA	28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	404.30	37.89
		For Stainless Steel, Add	*377.83*	
		For Parallel Blade Damper, Add	*116.26*	
23 33 13 13-0070	EA	28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	443.05	41.45
		For Stainless Steel, Add	*414.14*	
		For Parallel Blade Damper, Add	*127.43*	
23 33 13 13-0071	EA	32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	249.43	21.65
		For Stainless Steel, Add	*239.82*	
		For Parallel Blade Damper, Add	*73.79*	
23 33 13 13-0072	EA	32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	260.39	23.38
		For Stainless Steel, Add	*247.05*	
		For Parallel Blade Damper, Add	*76.02*	
23 33 13 13-0073	EA	32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	271.40	25.22
		For Stainless Steel, Add	*254.32*	
		For Parallel Blade Damper, Add	*78.25*	
23 33 13 13-0074	EA	32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	287.97	27.06
		For Stainless Steel, Add	*268.83*	
		For Parallel Blade Damper, Add	*82.72*	
23 33 13 13-0075	EA	32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	311.21	28.79
		For Stainless Steel, Add	*292.01*	
		For Parallel Blade Damper, Add	*89.85*	
23 33 13 13-0076	EA	32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	337.74	32.48
		For Stainless Steel, Add	*312.42*	
		For Parallel Blade Damper, Add	*96.13*	
23 33 13 13-0077	EA	32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	370.98	36.04
		For Stainless Steel, Add	*341.56*	
		For Parallel Blade Damper, Add	*105.10*	
23 33 13 13-0078	EA	32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	404.15	39.62
		For Stainless Steel, Add	*370.60*	
		For Parallel Blade Damper, Add	*114.03*	
23 33 13 13-0079	EA	32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	443.05	41.45
		For Stainless Steel, Add	*414.14*	
		For Parallel Blade Damper, Add	*127.43*	
23 33 13 13-0080	EA	32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	490.88	44.38
		For Stainless Steel, Add	*465.06*	
		For Parallel Blade Damper, Add	*143.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0081	EA	32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	543.18	46.87
		For Stainless Steel, Add	*523.20*	
		For Parallel Blade Damper, Add	*160.98*	
23 33 13 13-0082	EA	36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	271.58	23.38
		For Stainless Steel, Add	*261.60*	
		For Parallel Blade Damper, Add	*80.49*	
23 33 13 13-0083	EA	36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	288.15	25.22
		For Stainless Steel, Add	*276.09*	
		For Parallel Blade Damper, Add	*84.95*	
23 33 13 13-0084	EA	36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	304.71	27.06
		For Stainless Steel, Add	*290.59*	
		For Parallel Blade Damper, Add	*89.41*	
23 33 13 13-0085	EA	36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	326.91	28.79
		For Stainless Steel, Add	*312.42*	
		For Parallel Blade Damper, Add	*96.13*	
23 33 13 13-0086	EA	36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	346.17	32.48
		For Stainless Steel, Add	*323.38*	
		For Parallel Blade Damper, Add	*99.50*	
23 33 13 13-0087	EA	36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	359.97	34.21
		For Stainless Steel, Add	*334.28*	
		For Parallel Blade Damper, Add	*102.86*	
23 33 13 13-0088	EA	36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	404.15	39.62
		For Stainless Steel, Add	*370.60*	
		For Parallel Blade Damper, Add	*114.03*	
23 33 13 13-0089	EA	36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	442.87	43.30
		For Stainless Steel, Add	*406.87*	
		For Parallel Blade Damper, Add	*125.19*	
23 33 13 13-0090	EA	36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	480.77	44.71
		For Stainless Steel, Add	*450.52*	
		For Parallel Blade Damper, Add	*138.62*	
23 33 13 13-0091	EA	36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	535.19	47.95
		For Stainless Steel, Add	*508.60*	
		For Parallel Blade Damper, Add	*156.49*	
23 33 13 13-0092	EA	36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	581.90	50.44
		For Stainless Steel, Add	*559.47*	
		For Parallel Blade Damper, Add	*172.14*	
23 33 13 13-0093	EA	36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	632.04	52.28
		For Stainless Steel, Add	*617.60*	
		For Parallel Blade Damper, Add	*190.03*	
23 33 13 13-0094	EA	40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	282.56	27.06
		For Stainless Steel, Add	*268.83*	
		For Parallel Blade Damper, Add	*82.72*	
23 33 13 13-0095	EA	40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	310.31	28.79
		For Stainless Steel, Add	*297.87*	
		For Parallel Blade Damper, Add	*91.65*	
23 33 13 13-0096	EA	40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	321.31	30.63
		For Stainless Steel, Add	*305.14*	
		For Parallel Blade Damper, Add	*93.89*	
23 33 13 13-0097	EA	40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	332.32	32.48
		For Stainless Steel, Add	*312.42*	
		For Parallel Blade Damper, Add	*96.13*	
23 33 13 13-0098	EA	40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	362.73	34.21
		For Stainless Steel, Add	*337.87*	
		For Parallel Blade Damper, Add	*103.96*	
23 33 13 13-0099	EA	40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	387.72	36.04
		For Stainless Steel, Add	*363.32*	
		For Parallel Blade Damper, Add	*111.79*	
23 33 13 13-0100	EA	40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	426.31	41.45
		For Stainless Steel, Add	*392.38*	
		For Parallel Blade Damper, Add	*120.73*	
23 33 13 13-0101	EA	40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	459.52	45.03
		For Stainless Steel, Add	*421.47*	
		For Parallel Blade Damper, Add	*129.68*	
23 33 13 13-0102	EA	40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	501.70	47.95
		For Stainless Steel, Add	*465.06*	
		For Parallel Blade Damper, Add	*143.10*	
23 33 13 13-0103	EA	40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	570.75	50.44
		For Stainless Steel, Add	*544.97*	
		For Parallel Blade Damper, Add	*167.68*	
23 33 13 13-0104	EA	40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	612.90	53.36
		For Stainless Steel, Add	*588.51*	
		For Parallel Blade Damper, Add	*181.08*	
23 33 13 13-0105	EA	40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	678.74	54.77
		For Stainless Steel, Add	*668.47*	
		For Parallel Blade Damper, Add	*205.68*	
23 33 13 13-0106	EA	40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	743.31	57.69
		For Stainless Steel, Add	*741.16*	
		For Parallel Blade Damper, Add	*228.05*	
23 33 13 13-0107	EA	44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	299.16	27.06
		For Stainless Steel, Add	*283.37*	
		For Parallel Blade Damper, Add	*87.19*	
23 33 13 13-0108	EA	44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	326.91	28.79
		For Stainless Steel, Add	*312.42*	
		For Parallel Blade Damper, Add	*96.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0109	EA	44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	349.14	30.63
		For Stainless Steel, Add	*334.28*	
		For Parallel Blade Damper, Add	*102.86*	
23 33 13 13-0110	EA	44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	360.16	32.48
		For Stainless Steel, Add	*341.56*	
		For Parallel Blade Damper, Add	*105.10*	
23 33 13 13-0111	EA	44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	387.91	34.21
		For Stainless Steel, Add	*370.60*	
		For Parallel Blade Damper, Add	*114.03*	
23 33 13 13-0112	EA	44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	415.66	36.04
		For Stainless Steel, Add	*399.65*	
		For Parallel Blade Damper, Add	*122.97*	
23 33 13 13-0113	EA	44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	465.29	43.30
		For Stainless Steel, Add	*436.02*	
		For Parallel Blade Damper, Add	*134.16*	
23 33 13 13-0114	EA	44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	504.01	46.87
		For Stainless Steel, Add	*472.28*	
		For Parallel Blade Damper, Add	*145.32*	
23 33 13 13-0115	EA	44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	570.75	50.44
		For Stainless Steel, Add	*544.97*	
		For Parallel Blade Damper, Add	*167.68*	
23 33 13 13-0116	EA	44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	631.89	54.13
		For Stainless Steel, Add	*610.38*	
		For Parallel Blade Damper, Add	*187.81*	
23 33 13 13-0117	EA	44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	698.55	57.69
		For Stainless Steel, Add	*682.97*	
		For Parallel Blade Damper, Add	*210.14*	
23 33 13 13-0118	EA	44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	754.29	59.42
		For Stainless Steel, Add	*748.38*	
		For Parallel Blade Damper, Add	*230.27*	
23 33 13 13-0119	EA	44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	810.01	61.27
		For Stainless Steel, Add	*813.79*	
		For Parallel Blade Damper, Add	*250.40*	
23 33 13 13-0120	EA	44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	865.74	63.10
		For Stainless Steel, Add	*879.20*	
		For Parallel Blade Damper, Add	*270.52*	
23 33 13 13-0121	EA	48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	321.31	28.79
		For Stainless Steel, Add	*305.14*	
		For Parallel Blade Damper, Add	*93.89*	
23 33 13 13-0122	EA	48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	349.14	30.63
		For Stainless Steel, Add	*334.28*	
		For Parallel Blade Damper, Add	*102.86*	
23 33 13 13-0123	EA	48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	360.16	32.48
		For Stainless Steel, Add	*341.56*	
		For Parallel Blade Damper, Add	*105.10*	
23 33 13 13-0124	EA	48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	387.72	36.04
		For Stainless Steel, Add	*363.32*	
		For Parallel Blade Damper, Add	*111.79*	
23 33 13 13-0125	EA	48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	420.90	39.62
		For Stainless Steel, Add	*392.38*	
		For Parallel Blade Damper, Add	*120.73*	
23 33 13 13-0126	EA	48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	454.10	43.30
		For Stainless Steel, Add	*421.47*	
		For Parallel Blade Damper, Add	*129.68*	
23 33 13 13-0127	EA	48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	498.46	46.87
		For Stainless Steel, Add	*465.06*	
		For Parallel Blade Damper, Add	*143.10*	
23 33 13 13-0128	EA	48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	542.77	50.44
		For Stainless Steel, Add	*508.60*	
		For Parallel Blade Damper, Add	*156.49*	
23 33 13 13-0129	EA	48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	603.92	54.13
		For Stainless Steel, Add	*574.02*	
		For Parallel Blade Damper, Add	*176.62*	
23 33 13 13-0130	EA	48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	676.21	57.69
		For Stainless Steel, Add	*653.93*	
		For Parallel Blade Damper, Add	*201.21*	
23 33 13 13-0131	EA	48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	731.98	59.42
		For Stainless Steel, Add	*719.38*	
		For Parallel Blade Damper, Add	*221.35*	
23 33 13 13-0132	EA	48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	804.42	61.27
		For Stainless Steel, Add	*806.52*	
		For Parallel Blade Damper, Add	*248.16*	
23 33 13 13-0133	EA	48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	865.57	64.83
		For Stainless Steel, Add	*871.94*	
		For Parallel Blade Damper, Add	*268.29*	
23 33 13 13-0134	EA	48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	938.04	66.68
		For Stainless Steel, Add	*959.11*	
		For Parallel Blade Damper, Add	*295.11*	
23 33 13 13-0135	EA	48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	998.99	72.09
		For Stainless Steel, Add	*1,017.25*	
		For Parallel Blade Damper, Add	*313.00*	
23 33 13 13-0136	EA	52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	343.55	30.63
		For Stainless Steel, Add	*327.02*	
		For Parallel Blade Damper, Add	*100.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0137	EA	52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	371.31	32.48
		For Stainless Steel, Add	*356.06*	
		For Parallel Blade Damper, Add	*109.56*	
23 33 13 13-0138	EA	52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	404.47	36.04
		For Stainless Steel, Add	*385.10*	
		For Parallel Blade Damper, Add	*118.49*	
23 33 13 13-0139	EA	52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	420.90	39.62
		For Stainless Steel, Add	*392.38*	
		For Parallel Blade Damper, Add	*120.73*	
23 33 13 13-0140	EA	52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	456.89	43.30
		For Stainless Steel, Add	*425.10*	
		For Parallel Blade Damper, Add	*130.80*	
23 33 13 13-0141	EA	52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	492.86	46.87
		For Stainless Steel, Add	*457.78*	
		For Parallel Blade Damper, Add	*140.86*	
23 33 13 13-0142	EA	52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	537.21	50.44
		For Stainless Steel, Add	*501.37*	
		For Parallel Blade Damper, Add	*154.27*	
23 33 13 13-0143	EA	52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	581.58	54.13
		For Stainless Steel, Add	*544.97*	
		For Parallel Blade Damper, Add	*167.68*	
23 33 13 13-0144	EA	52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	642.71	57.69
		For Stainless Steel, Add	*610.38*	
		For Parallel Blade Damper, Add	*187.81*	
23 33 13 13-0145	EA	52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	720.57	61.27
		For Stainless Steel, Add	*697.52*	
		For Parallel Blade Damper, Add	*214.62*	
23 33 13 13-0146	EA	52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	781.85	63.10
		For Stainless Steel, Add	*770.15*	
		For Parallel Blade Damper, Add	*236.97*	
23 33 13 13-0147	EA	52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	859.97	64.83
		For Stainless Steel, Add	*864.66*	
		For Parallel Blade Damper, Add	*266.05*	
23 33 13 13-0148	EA	52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	937.81	68.52
		For Stainless Steel, Add	*951.78*	
		For Parallel Blade Damper, Add	*292.86*	
23 33 13 13-0149	EA	52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	998.99	72.09
		For Stainless Steel, Add	*1,017.25*	
		For Parallel Blade Damper, Add	*313.00*	
23 33 13 13-0150	EA	52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,082.28	77.51
		For Stainless Steel, Add	*1,104.43*	
		For Parallel Blade Damper, Add	*339.82*	
23 33 13 13-0151	EA	52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,149.03	81.07
		For Stainless Steel, Add	*1,177.12*	
		For Parallel Blade Damper, Add	*362.19*	
23 33 13 13-0152	EA	56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	360.16	32.48
		For Stainless Steel, Add	*341.56*	
		For Parallel Blade Damper, Add	*105.10*	
23 33 13 13-0153	EA	56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	398.88	36.04
		For Stainless Steel, Add	*377.83*	
		For Parallel Blade Damper, Add	*116.26*	
23 33 13 13-0154	EA	56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	426.49	39.62
		For Stainless Steel, Add	*399.65*	
		For Parallel Blade Damper, Add	*122.97*	
23 33 13 13-0155	EA	56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	442.87	43.30
		For Stainless Steel, Add	*406.87*	
		For Parallel Blade Damper, Add	*125.19*	
23 33 13 13-0156	EA	56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	484.47	46.87
		For Stainless Steel, Add	*446.88*	
		For Parallel Blade Damper, Add	*137.50*	
23 33 13 13-0157	EA	56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	526.02	50.44
		For Stainless Steel, Add	*486.82*	
		For Parallel Blade Damper, Add	*149.79*	
23 33 13 13-0158	EA	56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	567.59	54.13
		For Stainless Steel, Add	*526.79*	
		For Parallel Blade Damper, Add	*162.09*	
23 33 13 13-0159	EA	56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	609.14	57.69
		For Stainless Steel, Add	*566.74*	
		For Parallel Blade Damper, Add	*174.38*	
23 33 13 13-0160	EA	56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	687.04	61.27
		For Stainless Steel, Add	*653.93*	
		For Parallel Blade Damper, Add	*201.21*	
23 33 13 13-0161	EA	56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	759.55	63.10
		For Stainless Steel, Add	*741.16*	
		For Parallel Blade Damper, Add	*228.05*	
23 33 13 13-0162	EA	56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	826.44	64.83
		For Stainless Steel, Add	*821.07*	
		For Parallel Blade Damper, Add	*252.64*	
23 33 13 13-0163	EA	56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	915.51	68.52
		For Stainless Steel, Add	*922.79*	
		For Parallel Blade Damper, Add	*283.94*	
23 33 13 13-0164	EA	56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	993.40	72.09
		For Stainless Steel, Add	*1,009.98*	
		For Parallel Blade Damper, Add	*310.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0165	EA	56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,076.87	75.66
		For Stainless Steel, Add	*1,104.43*	
		For Parallel Blade Damper, Add	*339.82*	
23 33 13 13-0166	EA	56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,143.62	79.34
		For Stainless Steel, Add	*1,177.12*	
		For Parallel Blade Damper, Add	*362.19*	
23 33 13 13-0167	EA	56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,227.10	82.92
		For Stainless Steel, Add	*1,271.58*	
		For Parallel Blade Damper, Add	*391.26*	
23 33 13 13-0168	EA	56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,310.58	86.48
		For Stainless Steel, Add	*1,366.03*	
		For Parallel Blade Damper, Add	*420.32*	
23 33 13 13-0169	EA	60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	387.72	36.04
		For Stainless Steel, Add	*363.32*	
		For Parallel Blade Damper, Add	*111.79*	
23 33 13 13-0170	EA	60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	426.49	39.62
		For Stainless Steel, Add	*399.65*	
		For Parallel Blade Damper, Add	*122.97*	
23 33 13 13-0171	EA	60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	448.46	43.30
		For Stainless Steel, Add	*414.14*	
		For Parallel Blade Damper, Add	*127.43*	
23 33 13 13-0172	EA	60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	464.93	46.87
		For Stainless Steel, Add	*421.47*	
		For Parallel Blade Damper, Add	*129.68*	
23 33 13 13-0173	EA	60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	509.28	50.44
		For Stainless Steel, Add	*465.06*	
		For Parallel Blade Damper, Add	*143.10*	
23 33 13 13-0174	EA	60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	553.60	54.13
		For Stainless Steel, Add	*508.60*	
		For Parallel Blade Damper, Add	*156.49*	
23 33 13 13-0175	EA	60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	600.75	57.69
		For Stainless Steel, Add	*555.83*	
		For Parallel Blade Damper, Add	*171.02*	
23 33 13 13-0176	EA	60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	647.91	61.27
		For Stainless Steel, Add	*603.06*	
		For Parallel Blade Damper, Add	*185.56*	
23 33 13 13-0177	EA	60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	725.98	63.10
		For Stainless Steel, Add	*697.52*	
		For Parallel Blade Damper, Add	*214.62*	
23 33 13 13-0178	EA	60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	798.46	64.83
		For Stainless Steel, Add	*784.69*	
		For Parallel Blade Damper, Add	*241.44*	
23 33 13 13-0179	EA	60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	881.98	68.52
		For Stainless Steel, Add	*879.20*	
		For Parallel Blade Damper, Add	*270.52*	
23 33 13 13-0180	EA	60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	965.46	72.09
		For Stainless Steel, Add	*973.66*	
		For Parallel Blade Damper, Add	*299.59*	
23 33 13 13-0181	EA	60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,032.15	75.66
		For Stainless Steel, Add	*1,046.29*	
		For Parallel Blade Damper, Add	*321.94*	
23 33 13 13-0182	EA	60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,132.39	79.34
		For Stainless Steel, Add	*1,162.53*	
		For Parallel Blade Damper, Add	*357.70*	
23 33 13 13-0183	EA	60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,221.46	82.92
		For Stainless Steel, Add	*1,264.25*	
		For Parallel Blade Damper, Add	*389.00*	
23 33 13 13-0184	EA	60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,310.58	86.48
		For Stainless Steel, Add	*1,366.03*	
		For Parallel Blade Damper, Add	*420.32*	
23 33 13 13-0185	EA	60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,388.39	90.17
		For Stainless Steel, Add	*1,453.11*	
		For Parallel Blade Damper, Add	*447.11*	
23 33 13 13-0186	EA	60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,466.36	93.74
		For Stainless Steel, Add	*1,540.40*	
		For Parallel Blade Damper, Add	*473.97*	

23 33 13 16 Fire Dampers *(23 33 13)*

23 33 13 16-0001 Fire Dampers *(23 33 13 16)*

23 33 13 16-0002	SF	Curtain Type, Vertical, Fire Damper	127.07	11.69
		For Smoke Damper, Add	*78.11*	
		For Spring Activated Horizontal Mount Operation, Add	*20.68*	
		For Dynamic Damper, Add	*49.62*	
		For 3 Hour Rated, Add	*27.57*	
23 33 13 16-0003	SF	Louver Type, Vertical, Fire Damper	177.20	11.69
		For Smoke Damper, Add	*120.72*	
		For Spring Activated Horizontal Mount Operation, Add	*31.95*	
		For Dynamic Damper, Add	*76.69*	
		For 3 Hour Rated, Add	*42.61*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0004		**Folding Curtain Fire Dampers** *(23 33 13 16)* Note: UL Listed. Air stream 22 gauge galvanized steel construction with fusible link 160 F, gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream.		
23 33 13 16-0005	EA	6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	65.01	12.02
		For Spring Activated Horizontal Mount Operation, Add	*6.52*	
		For Dynamic Damper, Add	*15.64*	
		For 3 Hour Rated, Add	*8.69*	
		For Cap Of Damper Blades Outside Air Stream, Add	*7.24*	
23 33 13 16-0006	EA	8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	68.70	12.55
		For Spring Activated Horizontal Mount Operation, Add	*6.98*	
		For Dynamic Damper, Add	*16.76*	
		For 3 Hour Rated, Add	*9.31*	
		For Cap Of Damper Blades Outside Air Stream, Add	*7.76*	
23 33 13 16-0007	EA	8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	70.99	12.66
		For Spring Activated Horizontal Mount Operation, Add	*7.45*	
		For Dynamic Damper, Add	*17.87*	
		For 3 Hour Rated, Add	*9.93*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.28*	
23 33 13 16-0008	EA	10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	70.99	12.66
		For Spring Activated Horizontal Mount Operation, Add	*7.45*	
		For Dynamic Damper, Add	*17.87*	
		For 3 Hour Rated, Add	*9.93*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.28*	
23 33 13 16-0009	EA	10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	74.14	12.99
		For Spring Activated Horizontal Mount Operation, Add	*7.91*	
		For Dynamic Damper, Add	*18.99*	
		For 3 Hour Rated, Add	*10.55*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.79*	
23 33 13 16-0010	EA	10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	82.60	14.40
		For Spring Activated Horizontal Mount Operation, Add	*8.84*	
		For Dynamic Damper, Add	*21.22*	
		For 3 Hour Rated, Add	*11.79*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.83*	
23 33 13 16-0011	EA	12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	74.14	12.99
		For Spring Activated Horizontal Mount Operation, Add	*7.91*	
		For Dynamic Damper, Add	*18.99*	
		For 3 Hour Rated, Add	*10.55*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.79*	
23 33 13 16-0012	EA	12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	80.43	13.75
		For Spring Activated Horizontal Mount Operation, Add	*8.84*	
		For Dynamic Damper, Add	*21.22*	
		For 3 Hour Rated, Add	*11.79*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.83*	
23 33 13 16-0013	EA	12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	84.68	14.40
		For Spring Activated Horizontal Mount Operation, Add	*9.31*	
		For Dynamic Damper, Add	*22.35*	
		For 3 Hour Rated, Add	*12.41*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.35*	
23 33 13 16-0014	EA	12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	92.16	16.24
		For Spring Activated Horizontal Mount Operation, Add	*9.78*	
		For Dynamic Damper, Add	*23.46*	
		For 3 Hour Rated, Add	*13.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.86*	
23 33 13 16-0015	EA	14" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	79.41	13.75
		For Spring Activated Horizontal Mount Operation, Add	*8.61*	
		For Dynamic Damper, Add	*20.67*	
		For 3 Hour Rated, Add	*11.48*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.57*	
23 33 13 16-0016	EA	14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	84.68	14.40
		For Spring Activated Horizontal Mount Operation, Add	*9.31*	
		For Dynamic Damper, Add	*22.35*	
		For 3 Hour Rated, Add	*12.41*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.35*	
23 33 13 16-0017	EA	14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	88.91	15.15
		For Spring Activated Horizontal Mount Operation, Add	*9.78*	
		For Dynamic Damper, Add	*23.46*	
		For 3 Hour Rated, Add	*13.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.86*	
23 33 13 16-0018	EA	14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	94.23	16.24
		For Spring Activated Horizontal Mount Operation, Add	*10.24*	
		For Dynamic Damper, Add	*24.58*	
		For 3 Hour Rated, Add	*13.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.38*	
23 33 13 16-0019	EA	14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	104.83	18.07
		For Spring Activated Horizontal Mount Operation, Add	*11.41*	
		For Dynamic Damper, Add	*27.38*	
		For 3 Hour Rated, Add	*15.21*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.68*	
23 33 13 16-0020	EA	16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	84.68	14.40
		For Spring Activated Horizontal Mount Operation, Add	*9.31*	
		For Dynamic Damper, Add	*22.35*	
		For 3 Hour Rated, Add	*12.41*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0021	EA	16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	89.99	15.48
		For Spring Activated Horizontal Mount Operation, Add	*9.78*	
		For Dynamic Damper, Add	*23.46*	
		For 3 Hour Rated, Add	*13.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.86*	
23 33 13 16-0022	EA	16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	96.39	16.99
		For Spring Activated Horizontal Mount Operation, Add	*10.24*	
		For Dynamic Damper, Add	*24.58*	
		For 3 Hour Rated, Add	*13.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.38*	
23 33 13 16-0023	EA	16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	101.71	18.07
		For Spring Activated Horizontal Mount Operation, Add	*10.71*	
		For Dynamic Damper, Add	*25.69*	
		For 3 Hour Rated, Add	*14.27*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.90*	
23 33 13 16-0024	EA	16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	112.31	19.80
		For Spring Activated Horizontal Mount Operation, Add	*11.87*	
		For Dynamic Damper, Add	*28.50*	
		For 3 Hour Rated, Add	*15.83*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.19*	
23 33 13 16-0025	EA	16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	122.89	21.65
		For Spring Activated Horizontal Mount Operation, Add	*13.04*	
		For Dynamic Damper, Add	*31.29*	
		For 3 Hour Rated, Add	*17.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.49*	
23 33 13 16-0026	EA	18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	88.91	15.15
		For Spring Activated Horizontal Mount Operation, Add	*9.78*	
		For Dynamic Damper, Add	*23.46*	
		For 3 Hour Rated, Add	*13.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.86*	
23 33 13 16-0027	EA	18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	95.26	16.24
		For Spring Activated Horizontal Mount Operation, Add	*10.47*	
		For Dynamic Damper, Add	*25.14*	
		For 3 Hour Rated, Add	*13.97*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.64*	
23 33 13 16-0028	EA	18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.80	18.07
		For Spring Activated Horizontal Mount Operation, Add	*11.18*	
		For Dynamic Damper, Add	*26.82*	
		For 3 Hour Rated, Add	*14.90*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.42*	
23 33 13 16-0029	EA	18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	114.38	19.80
		For Spring Activated Horizontal Mount Operation, Add	*12.34*	
		For Dynamic Damper, Add	*29.61*	
		For 3 Hour Rated, Add	*16.45*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.71*	
23 33 13 16-0030	EA	18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	123.92	21.65
		For Spring Activated Horizontal Mount Operation, Add	*13.27*	
		For Dynamic Damper, Add	*31.84*	
		For 3 Hour Rated, Add	*17.69*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.74*	
23 33 13 16-0031	EA	18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	134.50	23.38
		For Spring Activated Horizontal Mount Operation, Add	*14.43*	
		For Dynamic Damper, Add	*34.64*	
		For 3 Hour Rated, Add	*19.25*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.04*	
23 33 13 16-0032	EA	18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.02	25.22
		For Spring Activated Horizontal Mount Operation, Add	*15.13*	
		For Dynamic Damper, Add	*36.32*	
		For 3 Hour Rated, Add	*20.18*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.81*	
23 33 13 16-0033	EA	20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	94.23	16.24
		For Spring Activated Horizontal Mount Operation, Add	*10.24*	
		For Dynamic Damper, Add	*24.58*	
		For 3 Hour Rated, Add	*13.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.38*	
23 33 13 16-0034	EA	20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.78	18.07
		For Spring Activated Horizontal Mount Operation, Add	*11.17*	
		For Dynamic Damper, Add	*26.81*	
		For 3 Hour Rated, Add	*14.90*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.41*	
23 33 13 16-0035	EA	20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	113.34	19.80
		For Spring Activated Horizontal Mount Operation, Add	*12.11*	
		For Dynamic Damper, Add	*29.05*	
		For 3 Hour Rated, Add	*16.14*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.45*	
23 33 13 16-0036	EA	20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	127.04	21.65
		For Spring Activated Horizontal Mount Operation, Add	*13.97*	
		For Dynamic Damper, Add	*33.53*	
		For 3 Hour Rated, Add	*18.63*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.52*	
23 33 13 16-0037	EA	20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	135.54	23.38
		For Spring Activated Horizontal Mount Operation, Add	*14.67*	
		For Dynamic Damper, Add	*35.20*	
		For 3 Hour Rated, Add	*19.56*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0038	EA	20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	144.06	25.22
		For Spring Activated Horizontal Mount Operation, Add	*15.37*	
		For Dynamic Damper, Add	*36.88*	
		For 3 Hour Rated, Add	*20.49*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.07*	
23 33 13 16-0039	EA	20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	153.60	27.06
		For Spring Activated Horizontal Mount Operation, Add	*16.29*	
		For Dynamic Damper, Add	*39.11*	
		For 3 Hour Rated, Add	*21.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.11*	
23 33 13 16-0040	EA	20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	163.14	28.79
		For Spring Activated Horizontal Mount Operation, Add	*17.22*	
		For Dynamic Damper, Add	*41.34*	
		For 3 Hour Rated, Add	*22.97*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.14*	
23 33 13 16-0041	EA	24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	105.86	18.07
		For Spring Activated Horizontal Mount Operation, Add	*11.64*	
		For Dynamic Damper, Add	*27.93*	
		For 3 Hour Rated, Add	*15.52*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.93*	
23 33 13 16-0042	EA	24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	117.48	19.80
		For Spring Activated Horizontal Mount Operation, Add	*13.04*	
		For Dynamic Damper, Add	*31.29*	
		For 3 Hour Rated, Add	*17.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.49*	
23 33 13 16-0043	EA	24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	127.04	21.65
		For Spring Activated Horizontal Mount Operation, Add	*13.97*	
		For Dynamic Damper, Add	*33.53*	
		For 3 Hour Rated, Add	*18.63*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.52*	
23 33 13 16-0044	EA	24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	138.64	23.38
		For Spring Activated Horizontal Mount Operation, Add	*15.37*	
		For Dynamic Damper, Add	*36.88*	
		For 3 Hour Rated, Add	*20.49*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.07*	
23 33 13 16-0045	EA	24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	147.16	25.22
		For Spring Activated Horizontal Mount Operation, Add	*16.06*	
		For Dynamic Damper, Add	*38.55*	
		For 3 Hour Rated, Add	*21.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.85*	
23 33 13 16-0046	EA	24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	155.67	27.06
		For Spring Activated Horizontal Mount Operation, Add	*16.76*	
		For Dynamic Damper, Add	*40.22*	
		For 3 Hour Rated, Add	*22.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.62*	
23 33 13 16-0047	EA	24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	167.29	28.79
		For Spring Activated Horizontal Mount Operation, Add	*18.16*	
		For Dynamic Damper, Add	*43.58*	
		For 3 Hour Rated, Add	*24.21*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.18*	
23 33 13 16-0048	EA	24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	184.32	32.48
		For Spring Activated Horizontal Mount Operation, Add	*19.55*	
		For Dynamic Damper, Add	*46.93*	
		For 3 Hour Rated, Add	*26.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.73*	
23 33 13 16-0049	EA	24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	203.43	36.04
		For Spring Activated Horizontal Mount Operation, Add	*21.42*	
		For Dynamic Damper, Add	*51.40*	
		For 3 Hour Rated, Add	*28.56*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.80*	
23 33 13 16-0050	EA	28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	117.48	19.80
		For Spring Activated Horizontal Mount Operation, Add	*13.04*	
		For Dynamic Damper, Add	*31.29*	
		For 3 Hour Rated, Add	*17.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.49*	
23 33 13 16-0051	EA	28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	127.04	21.65
		For Spring Activated Horizontal Mount Operation, Add	*13.97*	
		For Dynamic Damper, Add	*33.53*	
		For 3 Hour Rated, Add	*18.63*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.52*	
23 33 13 16-0052	EA	28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	138.64	23.38
		For Spring Activated Horizontal Mount Operation, Add	*15.37*	
		For Dynamic Damper, Add	*36.88*	
		For 3 Hour Rated, Add	*20.49*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.07*	
23 33 13 16-0053	EA	28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.19	25.22
		For Spring Activated Horizontal Mount Operation, Add	*16.29*	
		For Dynamic Damper, Add	*39.11*	
		For 3 Hour Rated, Add	*21.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.11*	
23 33 13 16-0054	EA	28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	158.78	27.06
		For Spring Activated Horizontal Mount Operation, Add	*17.46*	
		For Dynamic Damper, Add	*41.90*	
		For 3 Hour Rated, Add	*23.28*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0055	EA	28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	169.34	28.79
		For Spring Activated Horizontal Mount Operation, Add	*18.62*	
		For Dynamic Damper, Add	*44.69*	
		For 3 Hour Rated, Add	*24.83*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.69*	
23 33 13 16-0056	EA	28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	186.39	32.48
		For Spring Activated Horizontal Mount Operation, Add	*20.02*	
		For Dynamic Damper, Add	*48.04*	
		For 3 Hour Rated, Add	*26.69*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.24*	
23 33 13 16-0057	EA	28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	203.43	36.04
		For Spring Activated Horizontal Mount Operation, Add	*21.42*	
		For Dynamic Damper, Add	*51.40*	
		For 3 Hour Rated, Add	*28.56*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.80*	
23 33 13 16-0058	EA	28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	221.26	37.89
		For Spring Activated Horizontal Mount Operation, Add	*24.21*	
		For Dynamic Damper, Add	*58.10*	
		For 3 Hour Rated, Add	*32.28*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.90*	
23 33 13 16-0059	EA	28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	242.42	41.45
		For Spring Activated Horizontal Mount Operation, Add	*26.54*	
		For Dynamic Damper, Add	*63.69*	
		For 3 Hour Rated, Add	*35.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.49*	
23 33 13 16-0060	EA	32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.24	21.65
		For Spring Activated Horizontal Mount Operation, Add	*15.37*	
		For Dynamic Damper, Add	*36.88*	
		For 3 Hour Rated, Add	*20.49*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.07*	
23 33 13 16-0061	EA	32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	140.70	23.38
		For Spring Activated Horizontal Mount Operation, Add	*15.83*	
		For Dynamic Damper, Add	*37.99*	
		For 3 Hour Rated, Add	*21.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.59*	
23 33 13 16-0062	EA	32" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.19	25.22
		For Spring Activated Horizontal Mount Operation, Add	*16.29*	
		For Dynamic Damper, Add	*39.11*	
		For 3 Hour Rated, Add	*21.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.11*	
23 33 13 16-0063	EA	32" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	157.73	27.06
		For Spring Activated Horizontal Mount Operation, Add	*17.22*	
		For Dynamic Damper, Add	*41.34*	
		For 3 Hour Rated, Add	*22.97*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.14*	
23 33 13 16-0064	EA	32" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	169.74	28.79
		For Spring Activated Horizontal Mount Operation, Add	*18.71*	
		For Dynamic Damper, Add	*44.90*	
		For 3 Hour Rated, Add	*24.95*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.79*	
23 33 13 16-0065	EA	32" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	186.39	32.48
		For Spring Activated Horizontal Mount Operation, Add	*20.02*	
		For Dynamic Damper, Add	*48.04*	
		For 3 Hour Rated, Add	*26.69*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.24*	
23 33 13 16-0066	EA	32" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	205.50	36.04
		For Spring Activated Horizontal Mount Operation, Add	*21.88*	
		For Dynamic Damper, Add	*52.52*	
		For 3 Hour Rated, Add	*29.18*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.32*	
23 33 13 16-0067	EA	32" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	224.61	39.62
		For Spring Activated Horizontal Mount Operation, Add	*23.75*	
		For Dynamic Damper, Add	*56.99*	
		For 3 Hour Rated, Add	*31.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.39*	
23 33 13 16-0068	EA	32" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	242.42	41.45
		For Spring Activated Horizontal Mount Operation, Add	*26.54*	
		For Dynamic Damper, Add	*63.69*	
		For 3 Hour Rated, Add	*35.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.49*	
23 33 13 16-0069	EA	32" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	265.58	44.38
		For Spring Activated Horizontal Mount Operation, Add	*29.80*	
		For Dynamic Damper, Add	*71.52*	
		For 3 Hour Rated, Add	*39.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.11*	
23 33 13 16-0070	EA	32" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	289.71	46.87
		For Spring Activated Horizontal Mount Operation, Add	*33.52*	
		For Dynamic Damper, Add	*80.45*	
		For 3 Hour Rated, Add	*44.70*	
		For Cap Of Damper Blades Outside Air Stream, Add	*37.25*	
23 33 13 16-0071	EA	36" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	144.84	23.38
		For Spring Activated Horizontal Mount Operation, Add	*16.76*	
		For Dynamic Damper, Add	*40.22*	
		For 3 Hour Rated, Add	*22.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0072	EA	36" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	154.39	25.22
		For Spring Activated Horizontal Mount Operation, Add	*17.69*	
		For Dynamic Damper, Add	*42.45*	
		For 3 Hour Rated, Add	*23.59*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.66*	
23 33 13 16-0073	EA	36" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	163.93	27.06
		For Spring Activated Horizontal Mount Operation, Add	*18.62*	
		For Dynamic Damper, Add	*44.69*	
		For 3 Hour Rated, Add	*24.83*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.69*	
23 33 13 16-0074	EA	36" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	175.56	28.79
		For Spring Activated Horizontal Mount Operation, Add	*20.02*	
		For Dynamic Damper, Add	*48.04*	
		For 3 Hour Rated, Add	*26.69*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.24*	
23 33 13 16-0075	EA	36" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	189.51	32.48
		For Spring Activated Horizontal Mount Operation, Add	*20.72*	
		For Dynamic Damper, Add	*49.73*	
		For 3 Hour Rated, Add	*27.63*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.02*	
23 33 13 16-0076	EA	36" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.02	34.21
		For Spring Activated Horizontal Mount Operation, Add	*21.42*	
		For Dynamic Damper, Add	*51.40*	
		For 3 Hour Rated, Add	*28.56*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.80*	
23 33 13 16-0077	EA	36" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	224.61	39.62
		For Spring Activated Horizontal Mount Operation, Add	*23.75*	
		For Dynamic Damper, Add	*56.99*	
		For 3 Hour Rated, Add	*31.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.39*	
23 33 13 16-0078	EA	36" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	245.76	43.30
		For Spring Activated Horizontal Mount Operation, Add	*26.07*	
		For Dynamic Damper, Add	*62.57*	
		For 3 Hour Rated, Add	*34.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.97*	
23 33 13 16-0079	EA	36" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	207.53	44.71
		For Spring Activated Horizontal Mount Operation, Add	*16.49*	
		For Dynamic Damper, Add	*39.59*	
		For 3 Hour Rated, Add	*21.99*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.33*	
23 33 13 16-0080	EA	36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	288.80	47.95
		For Spring Activated Horizontal Mount Operation, Add	*32.59*	
		For Dynamic Damper, Add	*78.21*	
		For 3 Hour Rated, Add	*43.45*	
		For Cap Of Damper Blades Outside Air Stream, Add	*36.21*	
23 33 13 16-0081	EA	36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	310.86	50.44
		For Spring Activated Horizontal Mount Operation, Add	*35.85*	
		For Dynamic Damper, Add	*86.03*	
		For 3 Hour Rated, Add	*47.80*	
		For Cap Of Damper Blades Outside Air Stream, Add	*39.83*	
23 33 13 16-0082	EA	36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	332.83	52.28
		For Spring Activated Horizontal Mount Operation, Add	*39.57*	
		For Dynamic Damper, Add	*94.97*	
		For 3 Hour Rated, Add	*52.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*43.97*	
23 33 13 16-0083	EA	40" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	152.32	27.06
		For Spring Activated Horizontal Mount Operation, Add	*17.22*	
		For Dynamic Damper, Add	*41.34*	
		For 3 Hour Rated, Add	*22.97*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.14*	
23 33 13 16-0084	EA	40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	166.01	28.79
		For Spring Activated Horizontal Mount Operation, Add	*19.09*	
		For Dynamic Damper, Add	*45.81*	
		For 3 Hour Rated, Add	*25.45*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.21*	
23 33 13 16-0085	EA	40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.49	30.63
		For Spring Activated Horizontal Mount Operation, Add	*19.55*	
		For Dynamic Damper, Add	*46.93*	
		For 3 Hour Rated, Add	*26.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.73*	
23 33 13 16-0086	EA	40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	180.97	32.48
		For Spring Activated Horizontal Mount Operation, Add	*20.02*	
		For Dynamic Damper, Add	*48.04*	
		For 3 Hour Rated, Add	*26.69*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.24*	
23 33 13 16-0087	EA	40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	199.05	34.21
		For Spring Activated Horizontal Mount Operation, Add	*21.65*	
		For Dynamic Damper, Add	*51.96*	
		For 3 Hour Rated, Add	*28.87*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.06*	
23 33 13 16-0088	EA	40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	211.71	36.04
		For Spring Activated Horizontal Mount Operation, Add	*23.28*	
		For Dynamic Damper, Add	*55.87*	
		For 3 Hour Rated, Add	*31.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.87*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0089	EA	40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	236.22	41.45
		For Spring Activated Horizontal Mount Operation, Add	*25.14*	
		For Dynamic Damper, Add	*60.34*	
		For 3 Hour Rated, Add	*33.52*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.94*	
23 33 13 16-0090	EA	40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	255.33	45.03
		For Spring Activated Horizontal Mount Operation, Add	*27.00*	
		For Dynamic Damper, Add	*64.81*	
		For 3 Hour Rated, Add	*36.01*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.01*	
23 33 13 16-0091	EA	40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.40	47.95
		For Spring Activated Horizontal Mount Operation, Add	*29.80*	
		For Dynamic Damper, Add	*71.52*	
		For 3 Hour Rated, Add	*39.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.11*	
23 33 13 16-0092	EA	40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	306.73	50.44
		For Spring Activated Horizontal Mount Operation, Add	*34.92*	
		For Dynamic Damper, Add	*83.80*	
		For 3 Hour Rated, Add	*46.56*	
		For Cap Of Damper Blades Outside Air Stream, Add	*38.80*	
23 33 13 16-0093	EA	40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	327.80	53.36
		For Spring Activated Horizontal Mount Operation, Add	*37.71*	
		For Dynamic Damper, Add	*90.50*	
		For 3 Hour Rated, Add	*50.28*	
		For Cap Of Damper Blades Outside Air Stream, Add	*41.90*	
23 33 13 16-0094	EA	40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	354.90	54.77
		For Spring Activated Horizontal Mount Operation, Add	*42.83*	
		For Dynamic Damper, Add	*102.80*	
		For 3 Hour Rated, Add	*57.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*47.59*	
23 33 13 16-0095	EA	40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.25	57.69
		For Spring Activated Horizontal Mount Operation, Add	*47.49*	
		For Dynamic Damper, Add	*113.97*	
		For 3 Hour Rated, Add	*63.32*	
		For Cap Of Damper Blades Outside Air Stream, Add	*52.77*	
23 33 13 16-0096	EA	44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	161.88	27.06
		For Spring Activated Horizontal Mount Operation, Add	*18.16*	
		For Dynamic Damper, Add	*43.58*	
		For 3 Hour Rated, Add	*24.21*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.18*	
23 33 13 16-0097	EA	44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	175.56	28.79
		For Spring Activated Horizontal Mount Operation, Add	*20.02*	
		For Dynamic Damper, Add	*48.04*	
		For 3 Hour Rated, Add	*26.69*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.24*	
23 33 13 16-0098	EA	44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	187.19	30.63
		For Spring Activated Horizontal Mount Operation, Add	*21.42*	
		For Dynamic Damper, Add	*51.40*	
		For 3 Hour Rated, Add	*28.56*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.80*	
23 33 13 16-0099	EA	44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	194.68	32.48
		For Spring Activated Horizontal Mount Operation, Add	*21.88*	
		For Dynamic Damper, Add	*52.52*	
		For 3 Hour Rated, Add	*29.18*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.32*	
23 33 13 16-0100	EA	44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	208.37	34.21
		For Spring Activated Horizontal Mount Operation, Add	*23.75*	
		For Dynamic Damper, Add	*56.99*	
		For 3 Hour Rated, Add	*31.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.39*	
23 33 13 16-0101	EA	44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	222.05	36.04
		For Spring Activated Horizontal Mount Operation, Add	*25.61*	
		For Dynamic Damper, Add	*61.46*	
		For 3 Hour Rated, Add	*34.14*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.45*	
23 33 13 16-0102	EA	44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	254.05	43.30
		For Spring Activated Horizontal Mount Operation, Add	*27.94*	
		For Dynamic Damper, Add	*67.05*	
		For 3 Hour Rated, Add	*37.25*	
		For Cap Of Damper Blades Outside Air Stream, Add	*31.04*	
23 33 13 16-0103	EA	44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	275.22	46.87
		For Spring Activated Horizontal Mount Operation, Add	*30.26*	
		For Dynamic Damper, Add	*72.63*	
		For 3 Hour Rated, Add	*40.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.63*	
23 33 13 16-0104	EA	44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	306.73	50.44
		For Spring Activated Horizontal Mount Operation, Add	*34.92*	
		For Dynamic Damper, Add	*83.80*	
		For 3 Hour Rated, Add	*46.56*	
		For Cap Of Damper Blades Outside Air Stream, Add	*38.80*	
23 33 13 16-0105	EA	44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	336.19	54.13
		For Spring Activated Horizontal Mount Operation, Add	*39.11*	
		For Dynamic Damper, Add	*93.86*	
		For 3 Hour Rated, Add	*52.15*	
		For Cap Of Damper Blades Outside Air Stream, Add	*43.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0106	EA	44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	367.69	57.69
		For Spring Activated Horizontal Mount Operation, Add	*43.76*	
		For Dynamic Damper, Add	*105.03*	
		For 3 Hour Rated, Add	*58.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*48.63*	
23 33 13 16-0107	EA	44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.73	59.42
		For Spring Activated Horizontal Mount Operation, Add	*47.95*	
		For Dynamic Damper, Add	*115.08*	
		For 3 Hour Rated, Add	*63.94*	
		For Cap Of Damper Blades Outside Air Stream, Add	*53.28*	
23 33 13 16-0108	EA	44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	415.76	61.27
		For Spring Activated Horizontal Mount Operation, Add	*52.14*	
		For Dynamic Damper, Add	*125.14*	
		For 3 Hour Rated, Add	*69.52*	
		For Cap Of Damper Blades Outside Air Stream, Add	*57.94*	
23 33 13 16-0109	EA	44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	439.81	63.10
		For Spring Activated Horizontal Mount Operation, Add	*56.34*	
		For Dynamic Damper, Add	*135.21*	
		For 3 Hour Rated, Add	*75.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*62.60*	
23 33 13 16-0110	EA	48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.49	28.79
		For Spring Activated Horizontal Mount Operation, Add	*19.55*	
		For Dynamic Damper, Add	*46.93*	
		For 3 Hour Rated, Add	*26.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.73*	
23 33 13 16-0111	EA	48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	187.19	30.63
		For Spring Activated Horizontal Mount Operation, Add	*21.42*	
		For Dynamic Damper, Add	*51.40*	
		For 3 Hour Rated, Add	*28.56*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.80*	
23 33 13 16-0112	EA	48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	194.68	32.48
		For Spring Activated Horizontal Mount Operation, Add	*21.88*	
		For Dynamic Damper, Add	*52.52*	
		For 3 Hour Rated, Add	*29.18*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.32*	
23 33 13 16-0113	EA	48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	211.71	36.04
		For Spring Activated Horizontal Mount Operation, Add	*23.28*	
		For Dynamic Damper, Add	*55.87*	
		For 3 Hour Rated, Add	*31.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.87*	
23 33 13 16-0114	EA	48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	230.81	39.62
		For Spring Activated Horizontal Mount Operation, Add	*25.14*	
		For Dynamic Damper, Add	*60.34*	
		For 3 Hour Rated, Add	*33.52*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.94*	
23 33 13 16-0115	EA	48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	249.91	43.30
		For Spring Activated Horizontal Mount Operation, Add	*27.00*	
		For Dynamic Damper, Add	*64.81*	
		For 3 Hour Rated, Add	*36.01*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.01*	
23 33 13 16-0116	EA	48" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	273.16	46.87
		For Spring Activated Horizontal Mount Operation, Add	*29.80*	
		For Dynamic Damper, Add	*71.52*	
		For 3 Hour Rated, Add	*39.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.11*	
23 33 13 16-0117	EA	48" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	296.38	50.44
		For Spring Activated Horizontal Mount Operation, Add	*32.59*	
		For Dynamic Damper, Add	*78.21*	
		For 3 Hour Rated, Add	*43.45*	
		For Cap Of Damper Blades Outside Air Stream, Add	*36.21*	
23 33 13 16-0118	EA	48" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	325.84	54.13
		For Spring Activated Horizontal Mount Operation, Add	*36.78*	
		For Dynamic Damper, Add	*88.27*	
		For 3 Hour Rated, Add	*49.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*40.87*	
23 33 13 16-0119	EA	48" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	359.41	57.69
		For Spring Activated Horizontal Mount Operation, Add	*41.90*	
		For Dynamic Damper, Add	*100.56*	
		For 3 Hour Rated, Add	*55.87*	
		For Cap Of Damper Blades Outside Air Stream, Add	*46.56*	
23 33 13 16-0120	EA	48" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	383.47	59.42
		For Spring Activated Horizontal Mount Operation, Add	*46.09*	
		For Dynamic Damper, Add	*110.62*	
		For 3 Hour Rated, Add	*61.46*	
		For Cap Of Damper Blades Outside Air Stream, Add	*51.22*	
23 33 13 16-0121	EA	48" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	413.69	61.27
		For Spring Activated Horizontal Mount Operation, Add	*51.68*	
		For Dynamic Damper, Add	*124.02*	
		For 3 Hour Rated, Add	*68.90*	
		For Cap Of Damper Blades Outside Air Stream, Add	*57.42*	
23 33 13 16-0122	EA	48" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	443.16	64.83
		For Spring Activated Horizontal Mount Operation, Add	*55.87*	
		For Dynamic Damper, Add	*134.09*	
		For 3 Hour Rated, Add	*74.49*	
		For Cap Of Damper Blades Outside Air Stream, Add	*62.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0123	EA	48" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	473.40	66.68
		For Spring Activated Horizontal Mount Operation, Add	*61.46*	
		For Dynamic Damper, Add	*147.50*	
		For 3 Hour Rated, Add	*81.94*	
		For Cap Of Damper Blades Outside Air Stream, Add	*68.29*	
23 33 13 16-0124	EA	48" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	506.18	72.09
		For Spring Activated Horizontal Mount Operation, Add	*65.18*	
		For Dynamic Damper, Add	*156.43*	
		For 3 Hour Rated, Add	*86.91*	
		For Cap Of Damper Blades Outside Air Stream, Add	*72.42*	
23 33 13 16-0125	EA	52" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	185.12	30.63
		For Spring Activated Horizontal Mount Operation, Add	*20.95*	
		For Dynamic Damper, Add	*50.28*	
		For 3 Hour Rated, Add	*27.94*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.28*	
23 33 13 16-0126	EA	52" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.81	32.48
		For Spring Activated Horizontal Mount Operation, Add	*22.81*	
		For Dynamic Damper, Add	*54.75*	
		For 3 Hour Rated, Add	*30.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.35*	
23 33 13 16-0127	EA	52" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	217.91	36.04
		For Spring Activated Horizontal Mount Operation, Add	*24.68*	
		For Dynamic Damper, Add	*59.22*	
		For 3 Hour Rated, Add	*32.90*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.42*	
23 33 13 16-0128	EA	52" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	230.81	39.62
		For Spring Activated Horizontal Mount Operation, Add	*25.14*	
		For Dynamic Damper, Add	*60.34*	
		For 3 Hour Rated, Add	*33.52*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.94*	
23 33 13 16-0129	EA	52" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.95	43.30
		For Spring Activated Horizontal Mount Operation, Add	*27.24*	
		For Dynamic Damper, Add	*65.37*	
		For 3 Hour Rated, Add	*36.32*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.27*	
23 33 13 16-0130	EA	52" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.09	46.87
		For Spring Activated Horizontal Mount Operation, Add	*29.33*	
		For Dynamic Damper, Add	*70.40*	
		For 3 Hour Rated, Add	*39.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.59*	
23 33 13 16-0131	EA	52" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	294.33	50.44
		For Spring Activated Horizontal Mount Operation, Add	*32.13*	
		For Dynamic Damper, Add	*77.11*	
		For 3 Hour Rated, Add	*42.84*	
		For Cap Of Damper Blades Outside Air Stream, Add	*35.70*	
23 33 13 16-0132	EA	52" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	317.56	54.13
		For Spring Activated Horizontal Mount Operation, Add	*34.92*	
		For Dynamic Damper, Add	*83.80*	
		For 3 Hour Rated, Add	*46.56*	
		For Cap Of Damper Blades Outside Air Stream, Add	*38.80*	
23 33 13 16-0133	EA	52" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	347.01	57.69
		For Spring Activated Horizontal Mount Operation, Add	*39.11*	
		For Dynamic Damper, Add	*93.86*	
		For 3 Hour Rated, Add	*52.15*	
		For Cap Of Damper Blades Outside Air Stream, Add	*43.46*	
23 33 13 16-0134	EA	52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	382.66	61.27
		For Spring Activated Horizontal Mount Operation, Add	*44.69*	
		For Dynamic Damper, Add	*107.27*	
		For 3 Hour Rated, Add	*59.59*	
		For Cap Of Damper Blades Outside Air Stream, Add	*49.66*	
23 33 13 16-0135	EA	52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	408.75	63.10
		For Spring Activated Horizontal Mount Operation, Add	*49.35*	
		For Dynamic Damper, Add	*118.43*	
		For 3 Hour Rated, Add	*65.80*	
		For Cap Of Damper Blades Outside Air Stream, Add	*54.83*	
23 33 13 16-0136	EA	52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	441.09	64.83
		For Spring Activated Horizontal Mount Operation, Add	*55.40*	
		For Dynamic Damper, Add	*132.97*	
		For 3 Hour Rated, Add	*73.87*	
		For Cap Of Damper Blades Outside Air Stream, Add	*61.56*	
23 33 13 16-0137	EA	52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	476.72	68.52
		For Spring Activated Horizontal Mount Operation, Add	*60.99*	
		For Dynamic Damper, Add	*146.37*	
		For 3 Hour Rated, Add	*81.32*	
		For Cap Of Damper Blades Outside Air Stream, Add	*67.76*	
23 33 13 16-0138	EA	52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	506.18	72.09
		For Spring Activated Horizontal Mount Operation, Add	*65.18*	
		For Dynamic Damper, Add	*156.43*	
		For 3 Hour Rated, Add	*86.91*	
		For Cap Of Damper Blades Outside Air Stream, Add	*72.42*	
23 33 13 16-0139	EA	52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	547.23	77.51
		For Spring Activated Horizontal Mount Operation, Add	*70.76*	
		For Dynamic Damper, Add	*169.84*	
		For 3 Hour Rated, Add	*94.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*78.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0140	EA	52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	578.76	81.07
		For Spring Activated Horizontal Mount Operation, Add	*75.42*	
		For Dynamic Damper, Add	*181.01*	
		For 3 Hour Rated, Add	*100.56*	
		For Cap Of Damper Blades Outside Air Stream, Add	*83.80*	
23 33 13 16-0141	EA	56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	194.68	32.48
		For Spring Activated Horizontal Mount Operation, Add	*21.88*	
		For Dynamic Damper, Add	*52.52*	
		For 3 Hour Rated, Add	*29.18*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.32*	
23 33 13 16-0142	EA	56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	215.84	36.04
		For Spring Activated Horizontal Mount Operation, Add	*24.21*	
		For Dynamic Damper, Add	*58.10*	
		For 3 Hour Rated, Add	*32.28*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.90*	
23 33 13 16-0143	EA	56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	232.88	39.62
		For Spring Activated Horizontal Mount Operation, Add	*25.61*	
		For Dynamic Damper, Add	*61.46*	
		For 3 Hour Rated, Add	*34.14*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.45*	
23 33 13 16-0144	EA	56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	245.76	43.30
		For Spring Activated Horizontal Mount Operation, Add	*26.07*	
		For Dynamic Damper, Add	*62.57*	
		For 3 Hour Rated, Add	*34.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.97*	
23 33 13 16-0145	EA	56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	267.98	46.87
		For Spring Activated Horizontal Mount Operation, Add	*28.63*	
		For Dynamic Damper, Add	*68.72*	
		For 3 Hour Rated, Add	*38.18*	
		For Cap Of Damper Blades Outside Air Stream, Add	*31.82*	
23 33 13 16-0146	EA	56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	290.18	50.44
		For Spring Activated Horizontal Mount Operation, Add	*31.19*	
		For Dynamic Damper, Add	*74.87*	
		For 3 Hour Rated, Add	*41.59*	
		For Cap Of Damper Blades Outside Air Stream, Add	*34.66*	
23 33 13 16-0147	EA	56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	312.39	54.13
		For Spring Activated Horizontal Mount Operation, Add	*33.75*	
		For Dynamic Damper, Add	*81.01*	
		For 3 Hour Rated, Add	*45.01*	
		For Cap Of Damper Blades Outside Air Stream, Add	*37.51*	
23 33 13 16-0148	EA	56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	334.58	57.69
		For Spring Activated Horizontal Mount Operation, Add	*36.31*	
		For Dynamic Damper, Add	*87.15*	
		For 3 Hour Rated, Add	*48.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*40.35*	
23 33 13 16-0149	EA	56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	370.24	61.27
		For Spring Activated Horizontal Mount Operation, Add	*41.90*	
		For Dynamic Damper, Add	*100.56*	
		For 3 Hour Rated, Add	*55.87*	
		For Cap Of Damper Blades Outside Air Stream, Add	*46.56*	
23 33 13 16-0150	EA	56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	400.49	63.10
		For Spring Activated Horizontal Mount Operation, Add	*47.49*	
		For Dynamic Damper, Add	*113.97*	
		For 3 Hour Rated, Add	*63.32*	
		For Cap Of Damper Blades Outside Air Stream, Add	*52.77*	
23 33 13 16-0151	EA	56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	428.67	64.83
		For Spring Activated Horizontal Mount Operation, Add	*52.61*	
		For Dynamic Damper, Add	*126.26*	
		For 3 Hour Rated, Add	*70.15*	
		For Cap Of Damper Blades Outside Air Stream, Add	*58.46*	
23 33 13 16-0152	EA	56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	468.46	68.52
		For Spring Activated Horizontal Mount Operation, Add	*59.13*	
		For Dynamic Damper, Add	*141.91*	
		For 3 Hour Rated, Add	*78.84*	
		For Cap Of Damper Blades Outside Air Stream, Add	*65.70*	
23 33 13 16-0153	EA	56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	504.10	72.09
		For Spring Activated Horizontal Mount Operation, Add	*64.71*	
		For Dynamic Damper, Add	*155.31*	
		For 3 Hour Rated, Add	*86.28*	
		For Cap Of Damper Blades Outside Air Stream, Add	*71.90*	
23 33 13 16-0154	EA	56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	541.82	75.66
		For Spring Activated Horizontal Mount Operation, Add	*70.76*	
		For Dynamic Damper, Add	*169.84*	
		For 3 Hour Rated, Add	*94.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*78.63*	
23 33 13 16-0155	EA	56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	573.35	79.34
		For Spring Activated Horizontal Mount Operation, Add	*75.42*	
		For Dynamic Damper, Add	*181.01*	
		For 3 Hour Rated, Add	*100.56*	
		For Cap Of Damper Blades Outside Air Stream, Add	*83.80*	
23 33 13 16-0156	EA	56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	611.07	82.92
		For Spring Activated Horizontal Mount Operation, Add	*81.47*	
		For Dynamic Damper, Add	*195.54*	
		For 3 Hour Rated, Add	*108.63*	
		For Cap Of Damper Blades Outside Air Stream, Add	*90.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0157	EA	56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	648.80	86.48
		For Spring Activated Horizontal Mount Operation, Add	*87.53*	
		For Dynamic Damper, Add	*210.07*	
		For 3 Hour Rated, Add	*116.70*	
		For Cap Of Damper Blades Outside Air Stream, Add	*97.25*	
23 33 13 16-0158	EA	60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	211.71	36.04
		For Spring Activated Horizontal Mount Operation, Add	*23.28*	
		For Dynamic Damper, Add	*55.87*	
		For 3 Hour Rated, Add	*31.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.87*	
23 33 13 16-0159	EA	60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	232.88	39.62
		For Spring Activated Horizontal Mount Operation, Add	*25.61*	
		For Dynamic Damper, Add	*61.46*	
		For 3 Hour Rated, Add	*34.14*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.45*	
23 33 13 16-0160	EA	60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	247.83	43.30
		For Spring Activated Horizontal Mount Operation, Add	*26.54*	
		For Dynamic Damper, Add	*63.69*	
		For 3 Hour Rated, Add	*35.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.49*	
23 33 13 16-0161	EA	60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.74	46.87
		For Spring Activated Horizontal Mount Operation, Add	*27.00*	
		For Dynamic Damper, Add	*64.81*	
		For 3 Hour Rated, Add	*36.01*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.01*	
23 33 13 16-0162	EA	60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	283.98	50.44
		For Spring Activated Horizontal Mount Operation, Add	*29.80*	
		For Dynamic Damper, Add	*71.52*	
		For 3 Hour Rated, Add	*39.73*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.11*	
23 33 13 16-0163	EA	60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	307.21	54.13
		For Spring Activated Horizontal Mount Operation, Add	*32.59*	
		For Dynamic Damper, Add	*78.21*	
		For 3 Hour Rated, Add	*43.45*	
		For Cap Of Damper Blades Outside Air Stream, Add	*36.21*	
23 33 13 16-0164	EA	60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	331.48	57.69
		For Spring Activated Horizontal Mount Operation, Add	*35.62*	
		For Dynamic Damper, Add	*85.48*	
		For 3 Hour Rated, Add	*47.49*	
		For Cap Of Damper Blades Outside Air Stream, Add	*39.57*	
23 33 13 16-0165	EA	60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	355.76	61.27
		For Spring Activated Horizontal Mount Operation, Add	*38.64*	
		For Dynamic Damper, Add	*92.74*	
		For 3 Hour Rated, Add	*51.52*	
		For Cap Of Damper Blades Outside Air Stream, Add	*42.94*	
23 33 13 16-0166	EA	60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	388.07	63.10
		For Spring Activated Horizontal Mount Operation, Add	*44.69*	
		For Dynamic Damper, Add	*107.27*	
		For 3 Hour Rated, Add	*59.59*	
		For Cap Of Damper Blades Outside Air Stream, Add	*49.66*	
23 33 13 16-0167	EA	60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	418.32	64.83
		For Spring Activated Horizontal Mount Operation, Add	*50.28*	
		For Dynamic Damper, Add	*120.67*	
		For 3 Hour Rated, Add	*67.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*55.87*	
23 33 13 16-0168	EA	60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	456.05	68.52
		For Spring Activated Horizontal Mount Operation, Add	*56.34*	
		For Dynamic Damper, Add	*135.21*	
		For 3 Hour Rated, Add	*75.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*62.60*	
23 33 13 16-0169	EA	60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	493.77	72.09
		For Spring Activated Horizontal Mount Operation, Add	*62.39*	
		For Dynamic Damper, Add	*149.73*	
		For 3 Hour Rated, Add	*83.18*	
		For Cap Of Damper Blades Outside Air Stream, Add	*69.32*	
23 33 13 16-0170	EA	60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	525.27	75.66
		For Spring Activated Horizontal Mount Operation, Add	*67.04*	
		For Dynamic Damper, Add	*160.90*	
		For 3 Hour Rated, Add	*89.39*	
		For Cap Of Damper Blades Outside Air Stream, Add	*74.49*	
23 33 13 16-0171	EA	60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	569.20	79.34
		For Spring Activated Horizontal Mount Operation, Add	*74.49*	
		For Dynamic Damper, Add	*178.77*	
		For 3 Hour Rated, Add	*99.32*	
		For Cap Of Damper Blades Outside Air Stream, Add	*82.77*	
23 33 13 16-0172	EA	60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	609.00	82.92
		For Spring Activated Horizontal Mount Operation, Add	*81.01*	
		For Dynamic Damper, Add	*194.42*	
		For 3 Hour Rated, Add	*108.01*	
		For Cap Of Damper Blades Outside Air Stream, Add	*90.01*	
23 33 13 16-0173	EA	60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	648.80	86.48
		For Spring Activated Horizontal Mount Operation, Add	*87.53*	
		For Dynamic Damper, Add	*210.07*	
		For 3 Hour Rated, Add	*116.70*	
		For Cap Of Damper Blades Outside Air Stream, Add	*97.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0174	EA	60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	684.43	90.17
		For Spring Activated Horizontal Mount Operation, Add	*93.11*	
		For Dynamic Damper, Add	*223.46*	
		For 3 Hour Rated, Add	*124.15*	
		For Cap Of Damper Blades Outside Air Stream, Add	*103.46*	
23 33 13 16-0175	EA	60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	720.12	93.74
		For Spring Activated Horizontal Mount Operation, Add	*98.70*	
		For Dynamic Damper, Add	*236.89*	
		For 3 Hour Rated, Add	*131.60*	
		For Cap Of Damper Blades Outside Air Stream, Add	*109.67*	
23 33 13 16-0176		**Parallel Blade Louver Fire Damper** *(23 33 13 16)*		
		Note: UL listed. 22 gauge galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.		
23 33 13 16-0177	EA	6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	95.99	12.02
		For Spring Activated Horizontal Mount Operation, Add	*13.49*	
		For Dynamic Damper, Add	*32.37*	
		For 3 Hour Rated, Add	*17.99*	
23 33 13 16-0178	EA	8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	100.19	12.55
		For Spring Activated Horizontal Mount Operation, Add	*14.07*	
		For Dynamic Damper, Add	*33.76*	
		For 3 Hour Rated, Add	*18.76*	
23 33 13 16-0179	EA	8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.00	12.66
		For Spring Activated Horizontal Mount Operation, Add	*14.65*	
		For Dynamic Damper, Add	*35.16*	
		For 3 Hour Rated, Add	*19.53*	
23 33 13 16-0180	EA	10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.00	12.66
		For Spring Activated Horizontal Mount Operation, Add	*14.65*	
		For Dynamic Damper, Add	*35.16*	
		For 3 Hour Rated, Add	*19.53*	
23 33 13 16-0181	EA	10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	106.68	12.99
		For Spring Activated Horizontal Mount Operation, Add	*15.23*	
		For Dynamic Damper, Add	*36.56*	
		For 3 Hour Rated, Add	*20.31*	
23 33 13 16-0182	EA	10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	116.16	14.40
		For Spring Activated Horizontal Mount Operation, Add	*16.39*	
		For Dynamic Damper, Add	*39.34*	
		For 3 Hour Rated, Add	*21.86*	
23 33 13 16-0183	EA	12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	106.68	12.99
		For Spring Activated Horizontal Mount Operation, Add	*15.23*	
		For Dynamic Damper, Add	*36.56*	
		For 3 Hour Rated, Add	*20.31*	
23 33 13 16-0184	EA	12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	113.99	13.75
		For Spring Activated Horizontal Mount Operation, Add	*16.39*	
		For Dynamic Damper, Add	*39.34*	
		For 3 Hour Rated, Add	*21.86*	
23 33 13 16-0185	EA	12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	118.76	14.40
		For Spring Activated Horizontal Mount Operation, Add	*16.98*	
		For Dynamic Damper, Add	*40.75*	
		For 3 Hour Rated, Add	*22.64*	
23 33 13 16-0186	EA	12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	126.76	16.24
		For Spring Activated Horizontal Mount Operation, Add	*17.56*	
		For Dynamic Damper, Add	*42.15*	
		For 3 Hour Rated, Add	*23.42*	
23 33 13 16-0187	EA	14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	112.71	13.75
		For Spring Activated Horizontal Mount Operation, Add	*16.11*	
		For Dynamic Damper, Add	*38.65*	
		For 3 Hour Rated, Add	*21.47*	
23 33 13 16-0188	EA	14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	118.76	14.40
		For Spring Activated Horizontal Mount Operation, Add	*16.98*	
		For Dynamic Damper, Add	*40.75*	
		For 3 Hour Rated, Add	*22.64*	
23 33 13 16-0189	EA	14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	123.51	15.15
		For Spring Activated Horizontal Mount Operation, Add	*17.56*	
		For Dynamic Damper, Add	*42.15*	
		For 3 Hour Rated, Add	*23.42*	
23 33 13 16-0190	EA	14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	129.34	16.24
		For Spring Activated Horizontal Mount Operation, Add	*18.14*	
		For Dynamic Damper, Add	*43.54*	
		For 3 Hour Rated, Add	*24.19*	
23 33 13 16-0191	EA	14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.24	18.07
		For Spring Activated Horizontal Mount Operation, Add	*19.60*	
		For Dynamic Damper, Add	*47.04*	
		For 3 Hour Rated, Add	*26.13*	
23 33 13 16-0192	EA	16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.70	14.40
		For Spring Activated Horizontal Mount Operation, Add	*23.72*	
		For Dynamic Damper, Add	*56.92*	
		For 3 Hour Rated, Add	*31.62*	
23 33 13 16-0193	EA	16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	154.83	15.48
		For Spring Activated Horizontal Mount Operation, Add	*24.37*	
		For Dynamic Damper, Add	*58.48*	
		For 3 Hour Rated, Add	*32.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0194	EA	16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.07	16.99
		For Spring Activated Horizontal Mount Operation, Add	*25.02*	
		For Dynamic Damper, Add	*60.05*	
		For 3 Hour Rated, Add	*33.36*	
23 33 13 16-0195	EA	16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.21	18.07
		For Spring Activated Horizontal Mount Operation, Add	*25.67*	
		For Dynamic Damper, Add	*61.60*	
		For 3 Hour Rated, Add	*34.22*	
23 33 13 16-0196	EA	16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	180.89	19.80
		For Spring Activated Horizontal Mount Operation, Add	*27.30*	
		For Dynamic Damper, Add	*65.53*	
		For 3 Hour Rated, Add	*36.41*	
23 33 13 16-0197	EA	16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	193.54	21.65
		For Spring Activated Horizontal Mount Operation, Add	*28.93*	
		For Dynamic Damper, Add	*69.44*	
		For 3 Hour Rated, Add	*38.58*	
23 33 13 16-0198	EA	18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	153.75	15.15
		For Spring Activated Horizontal Mount Operation, Add	*24.37*	
		For Dynamic Damper, Add	*58.48*	
		For 3 Hour Rated, Add	*32.49*	
23 33 13 16-0199	EA	18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	161.35	16.24
		For Spring Activated Horizontal Mount Operation, Add	*25.34*	
		For Dynamic Damper, Add	*60.83*	
		For 3 Hour Rated, Add	*33.79*	
23 33 13 16-0200	EA	18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	171.14	18.07
		For Spring Activated Horizontal Mount Operation, Add	*26.33*	
		For Dynamic Damper, Add	*63.19*	
		For 3 Hour Rated, Add	*35.10*	
23 33 13 16-0201	EA	18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	183.78	19.80
		For Spring Activated Horizontal Mount Operation, Add	*27.95*	
		For Dynamic Damper, Add	*67.09*	
		For 3 Hour Rated, Add	*37.27*	
23 33 13 16-0202	EA	18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	194.98	21.65
		For Spring Activated Horizontal Mount Operation, Add	*29.26*	
		For Dynamic Damper, Add	*70.22*	
		For 3 Hour Rated, Add	*39.01*	
23 33 13 16-0203	EA	18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	207.63	23.38
		For Spring Activated Horizontal Mount Operation, Add	*30.89*	
		For Dynamic Damper, Add	*74.13*	
		For 3 Hour Rated, Add	*41.18*	
23 33 13 16-0204	EA	18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	217.39	25.22
		For Spring Activated Horizontal Mount Operation, Add	*31.86*	
		For Dynamic Damper, Add	*76.47*	
		For 3 Hour Rated, Add	*42.49*	
23 33 13 16-0205	EA	20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	159.91	16.24
		For Spring Activated Horizontal Mount Operation, Add	*25.02*	
		For Dynamic Damper, Add	*60.05*	
		For 3 Hour Rated, Add	*33.36*	
23 33 13 16-0206	EA	20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	171.11	18.07
		For Spring Activated Horizontal Mount Operation, Add	*26.32*	
		For Dynamic Damper, Add	*63.17*	
		For 3 Hour Rated, Add	*35.09*	
23 33 13 16-0207	EA	20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	182.33	19.80
		For Spring Activated Horizontal Mount Operation, Add	*27.63*	
		For Dynamic Damper, Add	*66.31*	
		For 3 Hour Rated, Add	*36.84*	
23 33 13 16-0208	EA	20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	199.35	21.65
		For Spring Activated Horizontal Mount Operation, Add	*30.24*	
		For Dynamic Damper, Add	*72.58*	
		For 3 Hour Rated, Add	*40.32*	
23 33 13 16-0209	EA	20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.09	23.38
		For Spring Activated Horizontal Mount Operation, Add	*31.22*	
		For Dynamic Damper, Add	*74.92*	
		For 3 Hour Rated, Add	*41.62*	
23 33 13 16-0210	EA	20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.84	25.22
		For Spring Activated Horizontal Mount Operation, Add	*32.19*	
		For Dynamic Damper, Add	*77.26*	
		For 3 Hour Rated, Add	*42.92*	
23 33 13 16-0211	EA	20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	230.04	27.06
		For Spring Activated Horizontal Mount Operation, Add	*33.49*	
		For Dynamic Damper, Add	*80.38*	
		For 3 Hour Rated, Add	*44.66*	
23 33 13 16-0212	EA	20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	241.23	28.79
		For Spring Activated Horizontal Mount Operation, Add	*34.79*	
		For Dynamic Damper, Add	*83.51*	
		For 3 Hour Rated, Add	*46.39*	
23 33 13 16-0213	EA	24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	197.76	18.07
		For Spring Activated Horizontal Mount Operation, Add	*32.32*	
		For Dynamic Damper, Add	*77.56*	
		For 3 Hour Rated, Add	*43.09*	
23 33 13 16-0214	EA	24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	211.87	19.80
		For Spring Activated Horizontal Mount Operation, Add	*34.27*	
		For Dynamic Damper, Add	*82.26*	
		For 3 Hour Rated, Add	*45.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0215	EA	24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	223.09	21.65
		For Spring Activated Horizontal Mount Operation, Add	*35.58*	
		For Dynamic Damper, Add	*85.40*	
		For 3 Hour Rated, Add	*47.44*	
23 33 13 16-0216	EA	24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	237.16	23.38
		For Spring Activated Horizontal Mount Operation, Add	*37.53*	
		For Dynamic Damper, Add	*90.08*	
		For 3 Hour Rated, Add	*50.04*	
23 33 13 16-0217	EA	24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	246.93	25.22
		For Spring Activated Horizontal Mount Operation, Add	*38.51*	
		For Dynamic Damper, Add	*92.43*	
		For 3 Hour Rated, Add	*51.35*	
23 33 13 16-0218	EA	24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	256.67	27.06
		For Spring Activated Horizontal Mount Operation, Add	*39.49*	
		For Dynamic Damper, Add	*94.76*	
		For 3 Hour Rated, Add	*52.65*	
23 33 13 16-0219	EA	24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	270.77	28.79
		For Spring Activated Horizontal Mount Operation, Add	*41.44*	
		For Dynamic Damper, Add	*99.46*	
		For 3 Hour Rated, Add	*55.25*	
23 33 13 16-0220	EA	24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	290.29	32.48
		For Spring Activated Horizontal Mount Operation, Add	*43.40*	
		For Dynamic Damper, Add	*104.15*	
		For 3 Hour Rated, Add	*57.86*	
23 33 13 16-0221	EA	24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	312.70	36.04
		For Spring Activated Horizontal Mount Operation, Add	*46.00*	
		For Dynamic Damper, Add	*110.41*	
		For 3 Hour Rated, Add	*61.34*	
23 33 13 16-0222	EA	28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	211.87	19.80
		For Spring Activated Horizontal Mount Operation, Add	*34.27*	
		For Dynamic Damper, Add	*82.26*	
		For 3 Hour Rated, Add	*45.70*	
23 33 13 16-0223	EA	28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	223.09	21.65
		For Spring Activated Horizontal Mount Operation, Add	*35.58*	
		For Dynamic Damper, Add	*85.40*	
		For 3 Hour Rated, Add	*47.44*	
23 33 13 16-0224	EA	28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	237.16	23.38
		For Spring Activated Horizontal Mount Operation, Add	*37.53*	
		For Dynamic Damper, Add	*90.08*	
		For 3 Hour Rated, Add	*50.04*	
23 33 13 16-0225	EA	28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	248.37	25.22
		For Spring Activated Horizontal Mount Operation, Add	*38.84*	
		For Dynamic Damper, Add	*93.20*	
		For 3 Hour Rated, Add	*51.78*	
23 33 13 16-0226	EA	28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	261.02	27.06
		For Spring Activated Horizontal Mount Operation, Add	*40.46*	
		For Dynamic Damper, Add	*97.11*	
		For 3 Hour Rated, Add	*53.95*	
23 33 13 16-0227	EA	28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	273.65	28.79
		For Spring Activated Horizontal Mount Operation, Add	*42.09*	
		For Dynamic Damper, Add	*101.01*	
		For 3 Hour Rated, Add	*56.12*	
23 33 13 16-0228	EA	28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	293.18	32.48
		For Spring Activated Horizontal Mount Operation, Add	*44.05*	
		For Dynamic Damper, Add	*105.71*	
		For 3 Hour Rated, Add	*58.73*	
23 33 13 16-0229	EA	28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	312.70	36.04
		For Spring Activated Horizontal Mount Operation, Add	*46.00*	
		For Dynamic Damper, Add	*110.41*	
		For 3 Hour Rated, Add	*61.34*	
23 33 13 16-0230	EA	28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	335.50	37.89
		For Spring Activated Horizontal Mount Operation, Add	*49.91*	
		For Dynamic Damper, Add	*119.79*	
		For 3 Hour Rated, Add	*66.55*	
23 33 13 16-0231	EA	28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	360.81	41.45
		For Spring Activated Horizontal Mount Operation, Add	*53.17*	
		For Dynamic Damper, Add	*127.62*	
		For 3 Hour Rated, Add	*70.90*	
23 33 13 16-0232	EA	32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	231.76	21.65
		For Spring Activated Horizontal Mount Operation, Add	*37.53*	
		For Dynamic Damper, Add	*90.08*	
		For 3 Hour Rated, Add	*50.04*	
23 33 13 16-0233	EA	32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.04	23.38
		For Spring Activated Horizontal Mount Operation, Add	*38.18*	
		For Dynamic Damper, Add	*91.63*	
		For 3 Hour Rated, Add	*50.91*	
23 33 13 16-0234	EA	32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	248.37	25.22
		For Spring Activated Horizontal Mount Operation, Add	*38.84*	
		For Dynamic Damper, Add	*93.20*	
		For 3 Hour Rated, Add	*51.78*	
23 33 13 16-0235	EA	32" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.55	27.06
		For Spring Activated Horizontal Mount Operation, Add	*40.13*	
		For Dynamic Damper, Add	*96.32*	
		For 3 Hour Rated, Add	*53.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0236	EA	32" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	274.20	28.79
		For Spring Activated Horizontal Mount Operation, Add	*42.21*	
		For Dynamic Damper, Add	*101.31*	
		For 3 Hour Rated, Add	*56.28*	
23 33 13 16-0237	EA	32" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	293.18	32.48
		For Spring Activated Horizontal Mount Operation, Add	*44.05*	
		For Dynamic Damper, Add	*105.71*	
		For 3 Hour Rated, Add	*58.73*	
23 33 13 16-0238	EA	32" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	315.62	36.04
		For Spring Activated Horizontal Mount Operation, Add	*46.66*	
		For Dynamic Damper, Add	*111.99*	
		For 3 Hour Rated, Add	*62.21*	
23 33 13 16-0239	EA	32" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	338.03	39.62
		For Spring Activated Horizontal Mount Operation, Add	*49.27*	
		For Dynamic Damper, Add	*118.24*	
		For 3 Hour Rated, Add	*65.69*	
23 33 13 16-0240	EA	32" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	360.81	41.45
		For Spring Activated Horizontal Mount Operation, Add	*53.17*	
		For Dynamic Damper, Add	*127.62*	
		For 3 Hour Rated, Add	*70.90*	
23 33 13 16-0241	EA	32" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	389.76	44.38
		For Spring Activated Horizontal Mount Operation, Add	*57.74*	
		For Dynamic Damper, Add	*138.57*	
		For 3 Hour Rated, Add	*76.99*	
23 33 13 16-0242	EA	32" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	420.50	46.87
		For Spring Activated Horizontal Mount Operation, Add	*62.95*	
		For Dynamic Damper, Add	*151.08*	
		For 3 Hour Rated, Add	*83.93*	
23 33 13 16-0243	EA	36" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.75	23.38
		For Spring Activated Horizontal Mount Operation, Add	*42.84*	
		For Dynamic Damper, Add	*102.82*	
		For 3 Hour Rated, Add	*57.12*	
23 33 13 16-0244	EA	36" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.77	25.22
		For Spring Activated Horizontal Mount Operation, Add	*44.33*	
		For Dynamic Damper, Add	*106.38*	
		For 3 Hour Rated, Add	*59.10*	
23 33 13 16-0245	EA	36" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.79	27.06
		For Spring Activated Horizontal Mount Operation, Add	*45.81*	
		For Dynamic Damper, Add	*109.95*	
		For 3 Hour Rated, Add	*61.08*	
23 33 13 16-0246	EA	36" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	300.15	28.79
		For Spring Activated Horizontal Mount Operation, Add	*48.05*	
		For Dynamic Damper, Add	*115.32*	
		For 3 Hour Rated, Add	*64.07*	
23 33 13 16-0247	EA	36" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	315.97	32.48
		For Spring Activated Horizontal Mount Operation, Add	*49.17*	
		For Dynamic Damper, Add	*118.02*	
		For 3 Hour Rated, Add	*65.57*	
23 33 13 16-0248	EA	36" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	326.35	34.21
		For Spring Activated Horizontal Mount Operation, Add	*50.29*	
		For Dynamic Damper, Add	*120.70*	
		For 3 Hour Rated, Add	*67.06*	
23 33 13 16-0249	EA	36" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	359.14	39.62
		For Spring Activated Horizontal Mount Operation, Add	*54.02*	
		For Dynamic Damper, Add	*129.64*	
		For 3 Hour Rated, Add	*72.02*	
23 33 13 16-0250	EA	36" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.49	43.30
		For Spring Activated Horizontal Mount Operation, Add	*57.74*	
		For Dynamic Damper, Add	*138.56*	
		For 3 Hour Rated, Add	*76.98*	
23 33 13 16-0251	EA	36" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	410.70	44.71
		For Spring Activated Horizontal Mount Operation, Add	*62.21*	
		For Dynamic Damper, Add	*149.30*	
		For 3 Hour Rated, Add	*82.94*	
23 33 13 16-0252	EA	36" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.91	47.95
		For Spring Activated Horizontal Mount Operation, Add	*68.16*	
		For Dynamic Damper, Add	*163.59*	
		For 3 Hour Rated, Add	*90.89*	
23 33 13 16-0253	EA	36" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	477.65	50.44
		For Spring Activated Horizontal Mount Operation, Add	*73.37*	
		For Dynamic Damper, Add	*176.10*	
		For 3 Hour Rated, Add	*97.83*	
23 33 13 16-0254	EA	36" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	509.56	52.28
		For Spring Activated Horizontal Mount Operation, Add	*79.34*	
		For Dynamic Damper, Add	*190.40*	
		For 3 Hour Rated, Add	*105.78*	
23 33 13 16-0255	EA	40" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	293.19	27.06
		For Spring Activated Horizontal Mount Operation, Add	*48.92*	
		For Dynamic Damper, Add	*117.41*	
		For 3 Hour Rated, Add	*65.23*	
23 33 13 16-0256	EA	40" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	311.85	28.79
		For Spring Activated Horizontal Mount Operation, Add	*51.90*	
		For Dynamic Damper, Add	*124.56*	
		For 3 Hour Rated, Add	*69.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0257	EA	40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	320.56	30.63
		For Spring Activated Horizontal Mount Operation, Add	*52.64*	
		For Dynamic Damper, Add	*126.34*	
		For 3 Hour Rated, Add	*70.19*	
23 33 13 16-0258	EA	40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	329.30	32.48
		For Spring Activated Horizontal Mount Operation, Add	*53.39*	
		For Dynamic Damper, Add	*128.14*	
		For 3 Hour Rated, Add	*71.19*	
23 33 13 16-0259	EA	40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	351.73	34.21
		For Spring Activated Horizontal Mount Operation, Add	*56.00*	
		For Dynamic Damper, Add	*134.41*	
		For 3 Hour Rated, Add	*74.67*	
23 33 13 16-0260	EA	40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	368.72	36.04
		For Spring Activated Horizontal Mount Operation, Add	*58.61*	
		For Dynamic Damper, Add	*140.66*	
		For 3 Hour Rated, Add	*78.14*	
23 33 13 16-0261	EA	40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	398.20	41.45
		For Spring Activated Horizontal Mount Operation, Add	*61.59*	
		For Dynamic Damper, Add	*147.81*	
		For 3 Hour Rated, Add	*82.12*	
23 33 13 16-0262	EA	40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	422.28	45.03
		For Spring Activated Horizontal Mount Operation, Add	*64.57*	
		For Dynamic Damper, Add	*154.96*	
		For 3 Hour Rated, Add	*86.09*	
23 33 13 16-0263	EA	40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	450.80	47.95
		For Spring Activated Horizontal Mount Operation, Add	*69.04*	
		For Dynamic Damper, Add	*165.69*	
		For 3 Hour Rated, Add	*92.05*	
23 33 13 16-0264	EA	40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	494.79	50.44
		For Spring Activated Horizontal Mount Operation, Add	*77.23*	
		For Dynamic Damper, Add	*185.36*	
		For 3 Hour Rated, Add	*102.98*	
23 33 13 16-0265	EA	40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	523.29	53.36
		For Spring Activated Horizontal Mount Operation, Add	*81.70*	
		For Dynamic Damper, Add	*196.07*	
		For 3 Hour Rated, Add	*108.93*	
23 33 13 16-0266	EA	40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	564.06	54.77
		For Spring Activated Horizontal Mount Operation, Add	*89.89*	
		For Dynamic Damper, Add	*215.75*	
		For 3 Hour Rated, Add	*119.86*	
23 33 13 16-0267	EA	40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	605.82	57.69
		For Spring Activated Horizontal Mount Operation, Add	*97.34*	
		For Dynamic Damper, Add	*233.62*	
		For 3 Hour Rated, Add	*129.79*	
23 33 13 16-0268	EA	44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	305.23	27.06
		For Spring Activated Horizontal Mount Operation, Add	*50.41*	
		For Dynamic Damper, Add	*120.99*	
		For 3 Hour Rated, Add	*67.22*	
23 33 13 16-0269	EA	44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	323.89	28.79
		For Spring Activated Horizontal Mount Operation, Add	*53.39*	
		For Dynamic Damper, Add	*128.14*	
		For 3 Hour Rated, Add	*71.19*	
23 33 13 16-0270	EA	44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.25	30.63
		For Spring Activated Horizontal Mount Operation, Add	*55.63*	
		For Dynamic Damper, Add	*133.52*	
		For 3 Hour Rated, Add	*74.18*	
23 33 13 16-0271	EA	44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	347.98	32.48
		For Spring Activated Horizontal Mount Operation, Add	*56.38*	
		For Dynamic Damper, Add	*135.30*	
		For 3 Hour Rated, Add	*75.17*	
23 33 13 16-0272	EA	44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	366.63	34.21
		For Spring Activated Horizontal Mount Operation, Add	*59.36*	
		For Dynamic Damper, Add	*142.45*	
		For 3 Hour Rated, Add	*79.14*	
23 33 13 16-0273	EA	44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	385.28	36.04
		For Spring Activated Horizontal Mount Operation, Add	*62.33*	
		For Dynamic Damper, Add	*149.60*	
		For 3 Hour Rated, Add	*83.11*	
23 33 13 16-0274	EA	44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	423.49	43.30
		For Spring Activated Horizontal Mount Operation, Add	*66.06*	
		For Dynamic Damper, Add	*158.54*	
		For 3 Hour Rated, Add	*88.08*	
23 33 13 16-0275	EA	44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	450.85	46.87
		For Spring Activated Horizontal Mount Operation, Add	*69.78*	
		For Dynamic Damper, Add	*167.47*	
		For 3 Hour Rated, Add	*93.04*	
23 33 13 16-0276	EA	44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	494.79	50.44
		For Spring Activated Horizontal Mount Operation, Add	*77.23*	
		For Dynamic Damper, Add	*185.36*	
		For 3 Hour Rated, Add	*102.98*	
23 33 13 16-0277	EA	44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	535.41	54.13
		For Spring Activated Horizontal Mount Operation, Add	*83.93*	
		For Dynamic Damper, Add	*201.44*	
		For 3 Hour Rated, Add	*111.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0278	EA	44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	579.32	57.69
		For Spring Activated Horizontal Mount Operation, Add	*91.38*	
		For Dynamic Damper, Add	*219.31*	
		For 3 Hour Rated, Add	*121.84*	
23 33 13 16-0279	EA	44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	614.53	59.42
		For Spring Activated Horizontal Mount Operation, Add	*98.08*	
		For Dynamic Damper, Add	*235.40*	
		For 3 Hour Rated, Add	*130.78*	
23 33 13 16-0280	EA	44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	649.75	61.27
		For Spring Activated Horizontal Mount Operation, Add	*104.79*	
		For Dynamic Damper, Add	*251.49*	
		For 3 Hour Rated, Add	*139.72*	
23 33 13 16-0281	EA	44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	684.97	63.10
		For Spring Activated Horizontal Mount Operation, Add	*111.50*	
		For Dynamic Damper, Add	*267.59*	
		For 3 Hour Rated, Add	*148.66*	
23 33 13 16-0282	EA	48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	320.56	28.79
		For Spring Activated Horizontal Mount Operation, Add	*52.64*	
		For Dynamic Damper, Add	*126.34*	
		For 3 Hour Rated, Add	*70.19*	
23 33 13 16-0283	EA	48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.25	30.63
		For Spring Activated Horizontal Mount Operation, Add	*55.63*	
		For Dynamic Damper, Add	*133.52*	
		For 3 Hour Rated, Add	*74.18*	
23 33 13 16-0284	EA	48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	347.98	32.48
		For Spring Activated Horizontal Mount Operation, Add	*56.38*	
		For Dynamic Damper, Add	*135.30*	
		For 3 Hour Rated, Add	*75.17*	
23 33 13 16-0285	EA	48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	368.72	36.04
		For Spring Activated Horizontal Mount Operation, Add	*58.61*	
		For Dynamic Damper, Add	*140.66*	
		For 3 Hour Rated, Add	*78.14*	
23 33 13 16-0286	EA	48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	392.79	39.62
		For Spring Activated Horizontal Mount Operation, Add	*61.59*	
		For Dynamic Damper, Add	*147.81*	
		For 3 Hour Rated, Add	*82.12*	
23 33 13 16-0287	EA	48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	416.86	43.30
		For Spring Activated Horizontal Mount Operation, Add	*64.57*	
		For Dynamic Damper, Add	*154.96*	
		For 3 Hour Rated, Add	*86.09*	
23 33 13 16-0288	EA	48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	447.56	46.87
		For Spring Activated Horizontal Mount Operation, Add	*69.04*	
		For Dynamic Damper, Add	*165.69*	
		For 3 Hour Rated, Add	*92.05*	
23 33 13 16-0289	EA	48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	478.22	50.44
		For Spring Activated Horizontal Mount Operation, Add	*73.50*	
		For Dynamic Damper, Add	*176.41*	
		For 3 Hour Rated, Add	*98.00*	
23 33 13 16-0290	EA	48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	518.86	54.13
		For Spring Activated Horizontal Mount Operation, Add	*80.21*	
		For Dynamic Damper, Add	*192.50*	
		For 3 Hour Rated, Add	*106.95*	
23 33 13 16-0291	EA	48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	566.08	57.69
		For Spring Activated Horizontal Mount Operation, Add	*88.40*	
		For Dynamic Damper, Add	*212.16*	
		For 3 Hour Rated, Add	*117.87*	
23 33 13 16-0292	EA	48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	601.32	59.42
		For Spring Activated Horizontal Mount Operation, Add	*95.11*	
		For Dynamic Damper, Add	*228.26*	
		For 3 Hour Rated, Add	*126.81*	
23 33 13 16-0293	EA	48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	646.43	61.27
		For Spring Activated Horizontal Mount Operation, Add	*104.04*	
		For Dynamic Damper, Add	*249.70*	
		For 3 Hour Rated, Add	*138.72*	
23 33 13 16-0294	EA	48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	687.09	64.83
		For Spring Activated Horizontal Mount Operation, Add	*110.75*	
		For Dynamic Damper, Add	*265.81*	
		For 3 Hour Rated, Add	*147.67*	
23 33 13 16-0295	EA	48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	732.21	66.68
		For Spring Activated Horizontal Mount Operation, Add	*119.69*	
		For Dynamic Damper, Add	*287.25*	
		For 3 Hour Rated, Add	*159.59*	
23 33 13 16-0296	EA	48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	774.93	72.09
		For Spring Activated Horizontal Mount Operation, Add	*125.65*	
		For Dynamic Damper, Add	*301.56*	
		For 3 Hour Rated, Add	*167.53*	
23 33 13 16-0297	EA	52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	335.93	30.63
		For Spring Activated Horizontal Mount Operation, Add	*54.88*	
		For Dynamic Damper, Add	*131.72*	
		For 3 Hour Rated, Add	*73.18*	
23 33 13 16-0298	EA	52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	354.59	32.48
		For Spring Activated Horizontal Mount Operation, Add	*57.86*	
		For Dynamic Damper, Add	*138.87*	
		For 3 Hour Rated, Add	*77.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0299	EA	52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	378.66	36.04
		For Spring Activated Horizontal Mount Operation, Add	*60.84*	
		For Dynamic Damper, Add	*146.03*	
		For 3 Hour Rated, Add	*81.13*	
23 33 13 16-0300	EA	52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	392.79	39.62
		For Spring Activated Horizontal Mount Operation, Add	*61.59*	
		For Dynamic Damper, Add	*147.81*	
		For 3 Hour Rated, Add	*82.12*	
23 33 13 16-0301	EA	52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	418.53	43.30
		For Spring Activated Horizontal Mount Operation, Add	*64.94*	
		For Dynamic Damper, Add	*155.87*	
		For 3 Hour Rated, Add	*86.59*	
23 33 13 16-0302	EA	52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	444.24	46.87
		For Spring Activated Horizontal Mount Operation, Add	*68.29*	
		For Dynamic Damper, Add	*163.90*	
		For 3 Hour Rated, Add	*91.06*	
23 33 13 16-0303	EA	52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	474.93	50.44
		For Spring Activated Horizontal Mount Operation, Add	*72.76*	
		For Dynamic Damper, Add	*174.63*	
		For 3 Hour Rated, Add	*97.02*	
23 33 13 16-0304	EA	52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	505.62	54.13
		For Spring Activated Horizontal Mount Operation, Add	*77.23*	
		For Dynamic Damper, Add	*185.36*	
		For 3 Hour Rated, Add	*102.98*	
23 33 13 16-0305	EA	52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	546.23	57.69
		For Spring Activated Horizontal Mount Operation, Add	*83.93*	
		For Dynamic Damper, Add	*201.44*	
		For 3 Hour Rated, Add	*111.91*	
23 33 13 16-0306	EA	52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	596.78	61.27
		For Spring Activated Horizontal Mount Operation, Add	*92.87*	
		For Dynamic Damper, Add	*222.89*	
		For 3 Hour Rated, Add	*123.83*	
23 33 13 16-0307	EA	52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	635.29	63.10
		For Spring Activated Horizontal Mount Operation, Add	*100.32*	
		For Dynamic Damper, Add	*240.76*	
		For 3 Hour Rated, Add	*133.76*	
23 33 13 16-0308	EA	52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	683.76	64.83
		For Spring Activated Horizontal Mount Operation, Add	*110.00*	
		For Dynamic Damper, Add	*264.01*	
		For 3 Hour Rated, Add	*146.67*	
23 33 13 16-0309	EA	52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	734.28	68.52
		For Spring Activated Horizontal Mount Operation, Add	*118.94*	
		For Dynamic Damper, Add	*285.45*	
		For 3 Hour Rated, Add	*158.58*	
23 33 13 16-0310	EA	52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	774.93	72.09
		For Spring Activated Horizontal Mount Operation, Add	*125.65*	
		For Dynamic Damper, Add	*301.56*	
		For 3 Hour Rated, Add	*167.53*	
23 33 13 16-0311	EA	52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	830.88	77.51
		For Spring Activated Horizontal Mount Operation, Add	*134.59*	
		For Dynamic Damper, Add	*323.01*	
		For 3 Hour Rated, Add	*179.45*	
23 33 13 16-0312	EA	52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	874.82	81.07
		For Spring Activated Horizontal Mount Operation, Add	*142.04*	
		For Dynamic Damper, Add	*340.89*	
		For 3 Hour Rated, Add	*189.38*	
23 33 13 16-0313	EA	56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	347.98	32.48
		For Spring Activated Horizontal Mount Operation, Add	*56.38*	
		For Dynamic Damper, Add	*135.30*	
		For 3 Hour Rated, Add	*75.17*	
23 33 13 16-0314	EA	56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	375.33	36.04
		For Spring Activated Horizontal Mount Operation, Add	*60.10*	
		For Dynamic Damper, Add	*144.23*	
		For 3 Hour Rated, Add	*80.13*	
23 33 13 16-0315	EA	56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	396.11	39.62
		For Spring Activated Horizontal Mount Operation, Add	*62.33*	
		For Dynamic Damper, Add	*149.60*	
		For 3 Hour Rated, Add	*83.11*	
23 33 13 16-0316	EA	56" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	410.23	43.30
		For Spring Activated Horizontal Mount Operation, Add	*63.08*	
		For Dynamic Damper, Add	*151.38*	
		For 3 Hour Rated, Add	*84.10*	
23 33 13 16-0317	EA	56" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	439.28	46.87
		For Spring Activated Horizontal Mount Operation, Add	*67.18*	
		For Dynamic Damper, Add	*161.22*	
		For 3 Hour Rated, Add	*89.57*	
23 33 13 16-0318	EA	56" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	468.30	50.44
		For Spring Activated Horizontal Mount Operation, Add	*71.27*	
		For Dynamic Damper, Add	*171.05*	
		For 3 Hour Rated, Add	*95.03*	
23 33 13 16-0319	EA	56" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	497.34	54.13
		For Spring Activated Horizontal Mount Operation, Add	*75.37*	
		For Dynamic Damper, Add	*180.88*	
		For 3 Hour Rated, Add	*100.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0320	EA	56" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	526.36	57.69
		For Spring Activated Horizontal Mount Operation, Add	*79.46*	
		For Dynamic Damper, Add	*190.71*	
		For 3 Hour Rated, Add	*105.95*	
23 33 13 16-0321	EA	56" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	576.91	61.27
		For Spring Activated Horizontal Mount Operation, Add	*88.40*	
		For Dynamic Damper, Add	*212.16*	
		For 3 Hour Rated, Add	*117.87*	
23 33 13 16-0322	EA	56" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	622.06	63.10
		For Spring Activated Horizontal Mount Operation, Add	*97.34*	
		For Dynamic Damper, Add	*233.62*	
		For 3 Hour Rated, Add	*129.79*	
23 33 13 16-0323	EA	56" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	663.89	64.83
		For Spring Activated Horizontal Mount Operation, Add	*105.53*	
		For Dynamic Damper, Add	*253.28*	
		For 3 Hour Rated, Add	*140.71*	
23 33 13 16-0324	EA	56" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	721.07	68.52
		For Spring Activated Horizontal Mount Operation, Add	*115.97*	
		For Dynamic Damper, Add	*278.32*	
		For 3 Hour Rated, Add	*154.62*	
23 33 13 16-0325	EA	56" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	771.61	72.09
		For Spring Activated Horizontal Mount Operation, Add	*124.90*	
		For Dynamic Damper, Add	*299.76*	
		For 3 Hour Rated, Add	*166.54*	
23 33 13 16-0326	EA	56" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	825.47	75.66
		For Spring Activated Horizontal Mount Operation, Add	*134.59*	
		For Dynamic Damper, Add	*323.01*	
		For 3 Hour Rated, Add	*179.45*	
23 33 13 16-0327	EA	56" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	869.41	79.34
		For Spring Activated Horizontal Mount Operation, Add	*142.04*	
		For Dynamic Damper, Add	*340.89*	
		For 3 Hour Rated, Add	*189.38*	
23 33 13 16-0328	EA	56" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	923.27	82.92
		For Spring Activated Horizontal Mount Operation, Add	*151.72*	
		For Dynamic Damper, Add	*364.13*	
		For 3 Hour Rated, Add	*202.29*	
23 33 13 16-0329	EA	56" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	977.14	86.48
		For Spring Activated Horizontal Mount Operation, Add	*161.40*	
		For Dynamic Damper, Add	*387.37*	
		For 3 Hour Rated, Add	*215.21*	
23 33 13 16-0330	EA	60" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	368.72	36.04
		For Spring Activated Horizontal Mount Operation, Add	*58.61*	
		For Dynamic Damper, Add	*140.66*	
		For 3 Hour Rated, Add	*78.14*	
23 33 13 16-0331	EA	60" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	396.11	39.62
		For Spring Activated Horizontal Mount Operation, Add	*62.33*	
		For Dynamic Damper, Add	*149.60*	
		For 3 Hour Rated, Add	*83.11*	
23 33 13 16-0332	EA	60" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	413.53	43.30
		For Spring Activated Horizontal Mount Operation, Add	*63.82*	
		For Dynamic Damper, Add	*153.17*	
		For 3 Hour Rated, Add	*85.09*	
23 33 13 16-0333	EA	60" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	427.69	46.87
		For Spring Activated Horizontal Mount Operation, Add	*64.57*	
		For Dynamic Damper, Add	*154.96*	
		For 3 Hour Rated, Add	*86.09*	
23 33 13 16-0334	EA	60" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	458.38	50.44
		For Spring Activated Horizontal Mount Operation, Add	*69.04*	
		For Dynamic Damper, Add	*165.69*	
		For 3 Hour Rated, Add	*92.05*	
23 33 13 16-0335	EA	60" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	489.05	54.13
		For Spring Activated Horizontal Mount Operation, Add	*73.50*	
		For Dynamic Damper, Add	*176.41*	
		For 3 Hour Rated, Add	*98.00*	
23 33 13 16-0336	EA	60" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	521.39	57.69
		For Spring Activated Horizontal Mount Operation, Add	*78.35*	
		For Dynamic Damper, Add	*188.03*	
		For 3 Hour Rated, Add	*104.46*	
23 33 13 16-0337	EA	60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	553.74	61.27
		For Spring Activated Horizontal Mount Operation, Add	*83.19*	
		For Dynamic Damper, Add	*199.65*	
		For 3 Hour Rated, Add	*110.92*	
23 33 13 16-0338	EA	60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	602.19	63.10
		For Spring Activated Horizontal Mount Operation, Add	*92.87*	
		For Dynamic Damper, Add	*222.89*	
		For 3 Hour Rated, Add	*123.83*	
23 33 13 16-0339	EA	60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	647.34	64.83
		For Spring Activated Horizontal Mount Operation, Add	*101.81*	
		For Dynamic Damper, Add	*244.34*	
		For 3 Hour Rated, Add	*135.75*	
23 33 13 16-0340	EA	60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	701.21	68.52
		For Spring Activated Horizontal Mount Operation, Add	*111.50*	
		For Dynamic Damper, Add	*267.59*	
		For 3 Hour Rated, Add	*148.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0341	EA	60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	755.07	72.09
		For Spring Activated Horizontal Mount Operation, Add	*121.18*	
		For Dynamic Damper, Add	*290.83*	
		For 3 Hour Rated, Add	*161.57*	
23 33 13 16-0342	EA	60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	798.99	75.66
		For Spring Activated Horizontal Mount Operation, Add	*128.63*	
		For Dynamic Damper, Add	*308.71*	
		For 3 Hour Rated, Add	*171.50*	
23 33 13 16-0343	EA	60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	862.78	79.34
		For Spring Activated Horizontal Mount Operation, Add	*140.54*	
		For Dynamic Damper, Add	*337.31*	
		For 3 Hour Rated, Add	*187.39*	
23 33 13 16-0344	EA	60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	919.95	82.92
		For Spring Activated Horizontal Mount Operation, Add	*150.97*	
		For Dynamic Damper, Add	*362.33*	
		For 3 Hour Rated, Add	*201.30*	
23 33 13 16-0345	EA	60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	977.14	86.48
		For Spring Activated Horizontal Mount Operation, Add	*161.40*	
		For Dynamic Damper, Add	*387.37*	
		For 3 Hour Rated, Add	*215.21*	
23 33 13 16-0346	EA	60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,027.66	90.17
		For Spring Activated Horizontal Mount Operation, Add	*170.34*	
		For Dynamic Damper, Add	*408.81*	
		For 3 Hour Rated, Add	*227.12*	
23 33 13 16-0347	EA	60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,078.25	93.74
		For Spring Activated Horizontal Mount Operation, Add	*179.28*	
		For Dynamic Damper, Add	*430.28*	
		For 3 Hour Rated, Add	*239.04*	
23 33 13 16-0348		Round 2 Hour Fire Damper *(23 33 13 16)*		
23 33 13 16-0349	EA	4" Round 2 Hour Fire Damper	129.20	21.65
23 33 13 16-0350	EA	5" Round 2 Hour Fire Damper	135.35	21.65
23 33 13 16-0351	EA	6" Round 2 Hour Fire Damper	159.70	24.57
23 33 13 16-0352	EA	7" Round 2 Hour Fire Damper	166.38	24.57
23 33 13 16-0353	EA	8" Round 2 Hour Fire Damper	201.43	27.06
23 33 13 16-0354	EA	9" Round 2 Hour Fire Damper	219.83	27.06
23 33 13 16-0355	EA	10" Round 2 Hour Fire Damper	244.29	30.09
23 33 13 16-0356	EA	12" Round 2 Hour Fire Damper	274.37	33.88
23 33 13 16-0357	EA	14" Round 2 Hour Fire Damper	311.69	38.64
23 33 13 16-0358		Round 4 Hour Fire Damper *(23 33 13 16)*		
23 33 13 16-0359	EA	4" Round 4 Hour Fire Damper	145.41	24.57
23 33 13 16-0360	EA	5" Round 4 Hour Fire Damper	162.16	24.57
23 33 13 16-0361	EA	6" Round 4 Hour Fire Damper	184.09	27.06
23 33 13 16-0362	EA	7" Round 4 Hour Fire Damper	205.71	27.06
23 33 13 16-0363	EA	8" Round 4 Hour Fire Damper	233.40	30.09
23 33 13 16-0364	EA	9" Round 4 Hour Fire Damper	246.58	30.09
23 33 13 16-0365	EA	10" Round 4 Hour Fire Damper	274.78	33.88
23 33 13 16-0366	EA	12" Round 4 Hour Fire Damper	303.31	38.64
23 33 13 16-0367	EA	14" Round 4 Hour Fire Damper	353.86	45.14
23 33 13 19		**Smoke-Control Dampers** *(23 33 13)*		
23 33 13 19-0001		Combination Smoke/Fire Damper *(23 33 13 19)*		
		Note: Leakage class I with Firestat UL 555S air foil blades.		
23 33 13 19-0002	EA	6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	540.37	18.02
		For Dynamic Damper, Add	*262.60*	
		For 3 Hour Rated, Add	*145.89*	
23 33 13 19-0003	EA	8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	554.67	18.84
		For Dynamic Damper, Add	*269.01*	
		For 3 Hour Rated, Add	*149.45*	
23 33 13 19-0004	EA	8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	567.02	19.00
		For Dynamic Damper, Add	*275.50*	
		For 3 Hour Rated, Add	*153.06*	
23 33 13 19-0005	EA	10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	640.92	19.00
		For Dynamic Damper, Add	*315.41*	
		For 3 Hour Rated, Add	*175.23*	
23 33 13 19-0006	EA	10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	656.21	19.48
		For Dynamic Damper, Add	*322.79*	
		For 3 Hour Rated, Add	*179.33*	
23 33 13 19-0007	EA	10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	690.16	21.60
		For Dynamic Damper, Add	*337.61*	
		For 3 Hour Rated, Add	*187.56*	
23 33 13 19-0008	EA	12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	656.21	19.48
		For Dynamic Damper, Add	*322.79*	
		For 3 Hour Rated, Add	*179.33*	
23 33 13 19-0009	EA	12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	686.91	20.62
		For Dynamic Damper, Add	*337.61*	
		For 3 Hour Rated, Add	*187.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0010	EA	12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	703.83	21.60
		For Dynamic Damper, Add	*345.00*	
		For 3 Hour Rated, Add	*191.66*	
23 33 13 19-0011	EA	12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	725.71	24.36
		For Dynamic Damper, Add	*352.43*	
		For 3 Hour Rated, Add	*195.80*	
23 33 13 19-0012	EA	14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	680.07	20.62
		For Dynamic Damper, Add	*333.92*	
		For 3 Hour Rated, Add	*185.51*	
23 33 13 19-0013	EA	14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	703.83	21.60
		For Dynamic Damper, Add	*345.00*	
		For 3 Hour Rated, Add	*191.66*	
23 33 13 19-0014	EA	14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	720.85	22.74
		For Dynamic Damper, Add	*352.43*	
		For 3 Hour Rated, Add	*195.80*	
23 33 13 19-0015	EA	14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	739.48	24.36
		For Dynamic Damper, Add	*359.87*	
		For 3 Hour Rated, Add	*199.93*	
23 33 13 19-0016	EA	14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	781.88	27.12
		For Dynamic Damper, Add	*378.38*	
		For 3 Hour Rated, Add	*210.21*	
23 33 13 19-0017	EA	16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	686.09	21.60
		For Dynamic Damper, Add	*335.42*	
		For 3 Hour Rated, Add	*186.34*	
23 33 13 19-0018	EA	16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	698.45	23.22
		For Dynamic Damper, Add	*339.46*	
		For 3 Hour Rated, Add	*188.59*	
23 33 13 19-0019	EA	16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	712.44	25.50
		For Dynamic Damper, Add	*343.51*	
		For 3 Hour Rated, Add	*190.84*	
23 33 13 19-0020	EA	16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	724.71	27.12
		For Dynamic Damper, Add	*347.51*	
		For 3 Hour Rated, Add	*193.06*	
23 33 13 19-0021	EA	16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	751.56	29.72
		For Dynamic Damper, Add	*357.62*	
		For 3 Hour Rated, Add	*198.68*	
23 33 13 19-0022	EA	16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	778.35	32.48
		For Dynamic Damper, Add	*367.70*	
		For 3 Hour Rated, Add	*204.28*	
23 33 13 19-0023	EA	18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	696.83	22.74
		For Dynamic Damper, Add	*339.46*	
		For 3 Hour Rated, Add	*188.59*	
23 33 13 19-0024	EA	18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	712.87	24.36
		For Dynamic Damper, Add	*345.50*	
		For 3 Hour Rated, Add	*191.94*	
23 33 13 19-0025	EA	18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	732.26	27.12
		For Dynamic Damper, Add	*351.58*	
		For 3 Hour Rated, Add	*195.32*	
23 33 13 19-0026	EA	18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	759.06	29.72
		For Dynamic Damper, Add	*361.67*	
		For 3 Hour Rated, Add	*200.93*	
23 33 13 19-0027	EA	18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	782.07	32.48
		For Dynamic Damper, Add	*369.71*	
		For 3 Hour Rated, Add	*205.40*	
23 33 13 19-0028	EA	18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	808.87	35.07
		For Dynamic Damper, Add	*379.80*	
		For 3 Hour Rated, Add	*211.00*	
23 33 13 19-0029	EA	18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	828.21	37.83
		For Dynamic Damper, Add	*385.86*	
		For 3 Hour Rated, Add	*214.37*	
23 33 13 19-0030	EA	20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	709.19	24.36
		For Dynamic Damper, Add	*343.51*	
		For 3 Hour Rated, Add	*190.84*	
23 33 13 19-0031	EA	20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	732.21	27.12
		For Dynamic Damper, Add	*351.56*	
		For 3 Hour Rated, Add	*195.31*	
23 33 13 19-0032	EA	20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	755.28	29.72
		For Dynamic Damper, Add	*359.63*	
		For 3 Hour Rated, Add	*199.79*	
23 33 13 19-0033	EA	20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	793.35	32.48
		For Dynamic Damper, Add	*375.80*	
		For 3 Hour Rated, Add	*208.78*	
23 33 13 19-0034	EA	20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	812.64	35.07
		For Dynamic Damper, Add	*381.83*	
		For 3 Hour Rated, Add	*212.13*	
23 33 13 19-0035	EA	20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	831.94	37.83
		For Dynamic Damper, Add	*387.87*	
		For 3 Hour Rated, Add	*215.48*	
23 33 13 19-0036	EA	20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	854.99	40.59
		For Dynamic Damper, Add	*395.94*	
		For 3 Hour Rated, Add	*219.97*	
23 33 13 19-0037	EA	20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	878.01	43.19
		For Dynamic Damper, Add	*403.98*	
		For 3 Hour Rated, Add	*224.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0038	EA	24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	725.32	27.12
		For Dynamic Damper, Add	*347.84*	
		For 3 Hour Rated, Add	*193.24*	
23 33 13 19-0039	EA	24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	748.55	29.72
		For Dynamic Damper, Add	*356.00*	
		For 3 Hour Rated, Add	*197.78*	
23 33 13 19-0040	EA	24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	766.77	32.48
		For Dynamic Damper, Add	*361.45*	
		For 3 Hour Rated, Add	*200.81*	
23 33 13 19-0041	EA	24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	789.95	35.07
		For Dynamic Damper, Add	*369.58*	
		For 3 Hour Rated, Add	*205.32*	
23 33 13 19-0042	EA	24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	805.62	37.83
		For Dynamic Damper, Add	*373.66*	
		For 3 Hour Rated, Add	*207.59*	
23 33 13 19-0043	EA	24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	821.26	40.59
		For Dynamic Damper, Add	*377.72*	
		For 3 Hour Rated, Add	*209.85*	
23 33 13 19-0044	EA	24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	844.46	43.19
		For Dynamic Damper, Add	*385.87*	
		For 3 Hour Rated, Add	*214.37*	
23 33 13 19-0045	EA	24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	875.79	48.71
		For Dynamic Damper, Add	*394.02*	
		For 3 Hour Rated, Add	*218.90*	
23 33 13 19-0046	EA	24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	912.16	54.07
		For Dynamic Damper, Add	*404.89*	
		For 3 Hour Rated, Add	*224.94*	
23 33 13 19-0047	EA	28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	748.55	29.72
		For Dynamic Damper, Add	*356.00*	
		For 3 Hour Rated, Add	*197.78*	
23 33 13 19-0048	EA	28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	766.77	32.48
		For Dynamic Damper, Add	*361.45*	
		For 3 Hour Rated, Add	*200.81*	
23 33 13 19-0049	EA	28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	789.95	35.07
		For Dynamic Damper, Add	*369.58*	
		For 3 Hour Rated, Add	*205.32*	
23 33 13 19-0050	EA	28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	808.13	37.83
		For Dynamic Damper, Add	*375.01*	
		For 3 Hour Rated, Add	*208.34*	
23 33 13 19-0051	EA	28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	828.82	40.59
		For Dynamic Damper, Add	*381.81*	
		For 3 Hour Rated, Add	*212.12*	
23 33 13 19-0052	EA	28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	849.48	43.19
		For Dynamic Damper, Add	*388.58*	
		For 3 Hour Rated, Add	*215.88*	
23 33 13 19-0053	EA	28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	880.80	48.71
		For Dynamic Damper, Add	*396.72*	
		For 3 Hour Rated, Add	*220.40*	
23 33 13 19-0054	EA	28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	912.16	54.07
		For Dynamic Damper, Add	*404.89*	
		For 3 Hour Rated, Add	*224.94*	
23 33 13 19-0055	EA	28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	950.45	56.83
		For Dynamic Damper, Add	*421.18*	
		For 3 Hour Rated, Add	*233.99*	
23 33 13 19-0056	EA	28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	991.84	62.19
		For Dynamic Damper, Add	*434.76*	
		For 3 Hour Rated, Add	*241.53*	
23 33 13 19-0057	EA	32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	781.83	32.48
		For Dynamic Damper, Add	*369.58*	
		For 3 Hour Rated, Add	*205.32*	
23 33 13 19-0058	EA	32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	794.96	35.07
		For Dynamic Damper, Add	*372.29*	
		For 3 Hour Rated, Add	*206.83*	
23 33 13 19-0059	EA	32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	808.13	37.83
		For Dynamic Damper, Add	*375.01*	
		For 3 Hour Rated, Add	*208.34*	
23 33 13 19-0060	EA	32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	826.28	40.59
		For Dynamic Damper, Add	*380.44*	
		For 3 Hour Rated, Add	*211.35*	
23 33 13 19-0061	EA	32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	850.42	43.19
		For Dynamic Damper, Add	*389.09*	
		For 3 Hour Rated, Add	*216.16*	
23 33 13 19-0062	EA	32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	880.80	48.71
		For Dynamic Damper, Add	*396.72*	
		For 3 Hour Rated, Add	*220.40*	
23 33 13 19-0063	EA	32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	917.21	54.07
		For Dynamic Damper, Add	*407.61*	
		For 3 Hour Rated, Add	*226.45*	
23 33 13 19-0064	EA	32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	953.59	59.42
		For Dynamic Damper, Add	*418.49*	
		For 3 Hour Rated, Add	*232.49*	
23 33 13 19-0065	EA	32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	991.84	62.19
		For Dynamic Damper, Add	*434.76*	
		For 3 Hour Rated, Add	*241.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0066	EA	32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,040.07	66.57
		For Dynamic Damper, Add	*453.79*	
		For 3 Hour Rated, Add	*252.11*	
23 33 13 19-0067	EA	32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,091.64	70.30
		For Dynamic Damper, Add	*475.51*	
		For 3 Hour Rated, Add	*264.17*	
23 33 13 19-0068	EA	36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	820.78	35.07
		For Dynamic Damper, Add	*386.23*	
		For 3 Hour Rated, Add	*214.57*	
23 33 13 19-0069	EA	36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	839.81	37.83
		For Dynamic Damper, Add	*392.12*	
		For 3 Hour Rated, Add	*217.85*	
23 33 13 19-0070	EA	36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	858.85	40.59
		For Dynamic Damper, Add	*398.02*	
		For 3 Hour Rated, Add	*221.12*	
23 33 13 19-0071	EA	36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	883.39	43.19
		For Dynamic Damper, Add	*406.89*	
		For 3 Hour Rated, Add	*226.05*	
23 33 13 19-0072	EA	36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	907.86	48.71
		For Dynamic Damper, Add	*411.33*	
		For 3 Hour Rated, Add	*228.52*	
23 33 13 19-0073	EA	36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	924.18	51.31
		For Dynamic Damper, Add	*415.76*	
		For 3 Hour Rated, Add	*230.98*	
23 33 13 19-0074	EA	36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	975.90	59.42
		For Dynamic Damper, Add	*430.54*	
		For 3 Hour Rated, Add	*239.19*	
23 33 13 19-0075	EA	36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,019.43	64.95
		For Dynamic Damper, Add	*445.27*	
		For 3 Hour Rated, Add	*247.37*	
23 33 13 19-0076	EA	36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,058.72	67.06
		For Dynamic Damper, Add	*462.99*	
		For 3 Hour Rated, Add	*257.22*	
23 33 13 19-0077	EA	36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,117.09	71.93
		For Dynamic Damper, Add	*486.62*	
		For 3 Hour Rated, Add	*270.34*	
23 33 13 19-0078	EA	36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,166.67	75.66
		For Dynamic Damper, Add	*507.25*	
		For 3 Hour Rated, Add	*281.81*	
23 33 13 19-0079	EA	36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,218.54	78.42
		For Dynamic Damper, Add	*530.88*	
		For 3 Hour Rated, Add	*294.93*	
23 33 13 19-0080	EA	40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,327.95	40.59
		For Dynamic Damper, Add	*655.72*	
		For 3 Hour Rated, Add	*364.29*	
23 33 13 19-0081	EA	40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,365.38	43.19
		For Dynamic Damper, Add	*671.55*	
		For 3 Hour Rated, Add	*373.08*	
23 33 13 19-0082	EA	40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,380.86	45.95
		For Dynamic Damper, Add	*675.52*	
		For 3 Hour Rated, Add	*375.29*	
23 33 13 19-0083	EA	40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,396.34	48.71
		For Dynamic Damper, Add	*679.50*	
		For 3 Hour Rated, Add	*377.50*	
23 33 13 19-0084	EA	40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,438.26	51.31
		For Dynamic Damper, Add	*693.37*	
		For 3 Hour Rated, Add	*385.20*	
23 33 13 19-0085	EA	40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,472.11	54.07
		For Dynamic Damper, Add	*707.26*	
		For 3 Hour Rated, Add	*392.92*	
23 33 13 19-0086	EA	40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,525.83	62.19
		For Dynamic Damper, Add	*723.11*	
		For 3 Hour Rated, Add	*401.73*	
23 33 13 19-0087	EA	40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,571.37	67.54
		For Dynamic Damper, Add	*738.94*	
		For 3 Hour Rated, Add	*410.52*	
23 33 13 19-0088	EA	40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,628.45	71.93
		For Dynamic Damper, Add	*762.75*	
		For 3 Hour Rated, Add	*423.75*	
23 33 13 19-0089	EA	40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,720.48	75.66
		For Dynamic Damper, Add	*806.31*	
		For 3 Hour Rated, Add	*447.95*	
23 33 13 19-0090	EA	40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,777.48	80.05
		For Dynamic Damper, Add	*830.07*	
		For 3 Hour Rated, Add	*461.15*	
23 33 13 19-0091	EA	40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,864.73	82.16
		For Dynamic Damper, Add	*873.68*	
		For 3 Hour Rated, Add	*485.38*	
23 33 13 19-0092	EA	40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,951.13	86.54
		For Dynamic Damper, Add	*913.32*	
		For 3 Hour Rated, Add	*507.40*	
23 33 13 19-0093	EA	44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,350.74	40.59
		For Dynamic Damper, Add	*663.64*	
		For 3 Hour Rated, Add	*368.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0094	EA	44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,388.22	43.19
		For Dynamic Damper, Add	*679.50*	
		For 3 Hour Rated, Add	*377.50*	
23 33 13 19-0095	EA	44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,418.39	45.95
		For Dynamic Damper, Add	*691.41*	
		For 3 Hour Rated, Add	*384.11*	
23 33 13 19-0096	EA	44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,433.87	48.71
		For Dynamic Damper, Add	*695.38*	
		For 3 Hour Rated, Add	*386.32*	
23 33 13 19-0097	EA	44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,471.35	51.31
		For Dynamic Damper, Add	*711.23*	
		For 3 Hour Rated, Add	*395.13*	
23 33 13 19-0098	EA	44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,508.79	54.07
		For Dynamic Damper, Add	*727.07*	
		For 3 Hour Rated, Add	*403.93*	
23 33 13 19-0099	EA	44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,577.99	64.95
		For Dynamic Damper, Add	*746.90*	
		For 3 Hour Rated, Add	*414.94*	
23 33 13 19-0100	EA	44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,630.84	70.30
		For Dynamic Damper, Add	*766.68*	
		For 3 Hour Rated, Add	*425.93*	
23 33 13 19-0101	EA	44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,720.48	75.66
		For Dynamic Damper, Add	*806.31*	
		For 3 Hour Rated, Add	*447.95*	
23 33 13 19-0102	EA	44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,802.76	81.18
		For Dynamic Damper, Add	*841.97*	
		For 3 Hour Rated, Add	*467.76*	
23 33 13 19-0103	EA	44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,892.36	86.54
		For Dynamic Damper, Add	*881.59*	
		For 3 Hour Rated, Add	*489.77*	
23 33 13 19-0104	EA	44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,966.52	89.14
		For Dynamic Damper, Add	*917.25*	
		For 3 Hour Rated, Add	*509.58*	
23 33 13 19-0105	EA	44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,040.71	91.90
		For Dynamic Damper, Add	*952.93*	
		For 3 Hour Rated, Add	*529.41*	
23 33 13 19-0106	EA	44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,114.92	94.66
		For Dynamic Damper, Add	*988.62*	
		For 3 Hour Rated, Add	*549.23*	
23 33 13 19-0107	EA	48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,380.86	43.19
		For Dynamic Damper, Add	*675.52*	
		For 3 Hour Rated, Add	*375.29*	
23 33 13 19-0108	EA	48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,418.39	45.95
		For Dynamic Damper, Add	*691.41*	
		For 3 Hour Rated, Add	*384.11*	
23 33 13 19-0109	EA	48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,433.87	48.71
		For Dynamic Damper, Add	*695.38*	
		For 3 Hour Rated, Add	*386.32*	
23 33 13 19-0110	EA	48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,472.11	54.07
		For Dynamic Damper, Add	*707.26*	
		For 3 Hour Rated, Add	*392.92*	
23 33 13 19-0111	EA	48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,517.71	59.42
		For Dynamic Damper, Add	*723.11*	
		For 3 Hour Rated, Add	*401.73*	
23 33 13 19-0112	EA	48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,563.26	64.95
		For Dynamic Damper, Add	*738.94*	
		For 3 Hour Rated, Add	*410.52*	
23 33 13 19-0113	EA	48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,623.57	70.30
		For Dynamic Damper, Add	*762.75*	
		For 3 Hour Rated, Add	*423.75*	
23 33 13 19-0114	EA	48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,683.81	75.66
		For Dynamic Damper, Add	*786.51*	
		For 3 Hour Rated, Add	*436.95*	
23 33 13 19-0115	EA	48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,766.09	81.18
		For Dynamic Damper, Add	*822.17*	
		For 3 Hour Rated, Add	*456.76*	
23 33 13 19-0116	EA	48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,863.00	86.54
		For Dynamic Damper, Add	*865.73*	
		For 3 Hour Rated, Add	*480.96*	
23 33 13 19-0117	EA	48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,937.25	89.14
		For Dynamic Damper, Add	*901.44*	
		For 3 Hour Rated, Add	*500.80*	
23 33 13 19-0118	EA	48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,033.35	91.90
		For Dynamic Damper, Add	*948.96*	
		For 3 Hour Rated, Add	*527.20*	
23 33 13 19-0119	EA	48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,115.67	97.26
		For Dynamic Damper, Add	*984.64*	
		For 3 Hour Rated, Add	*547.02*	
23 33 13 19-0120	EA	48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,211.88	100.02
		For Dynamic Damper, Add	*1,032.21*	
		For 3 Hour Rated, Add	*573.45*	
23 33 13 19-0121	EA	48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,294.91	108.14
		For Dynamic Damper, Add	*1,063.89*	
		For 3 Hour Rated, Add	*591.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0122	EA	52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,411.02	45.95
		For Dynamic Damper, Add	*687.43*	
		For 3 Hour Rated, Add	*381.90*	
23 33 13 19-0123	EA	52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,448.50	48.71
		For Dynamic Damper, Add	*703.28*	
		For 3 Hour Rated, Add	*390.71*	
23 33 13 19-0124	EA	52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,494.11	54.07
		For Dynamic Damper, Add	*719.14*	
		For 3 Hour Rated, Add	*399.52*	
23 33 13 19-0125	EA	52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,517.71	59.42
		For Dynamic Damper, Add	*723.11*	
		For 3 Hour Rated, Add	*401.73*	
23 33 13 19-0126	EA	52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,566.99	64.95
		For Dynamic Damper, Add	*740.96*	
		For 3 Hour Rated, Add	*411.64*	
23 33 13 19-0127	EA	52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,616.21	70.30
		For Dynamic Damper, Add	*758.78*	
		For 3 Hour Rated, Add	*421.54*	
23 33 13 19-0128	EA	52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,676.49	75.66
		For Dynamic Damper, Add	*782.56*	
		For 3 Hour Rated, Add	*434.75*	
23 33 13 19-0129	EA	52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,736.72	81.18
		For Dynamic Damper, Add	*806.31*	
		For 3 Hour Rated, Add	*447.95*	
23 33 13 19-0130	EA	52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,819.00	86.54
		For Dynamic Damper, Add	*841.97*	
		For 3 Hour Rated, Add	*467.76*	
23 33 13 19-0131	EA	52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,923.32	91.90
		For Dynamic Damper, Add	*889.54*	
		For 3 Hour Rated, Add	*494.19*	
23 33 13 19-0132	EA	52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,004.75	94.66
		For Dynamic Damper, Add	*929.13*	
		For 3 Hour Rated, Add	*516.18*	
23 33 13 19-0133	EA	52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,108.36	97.26
		For Dynamic Damper, Add	*980.69*	
		For 3 Hour Rated, Add	*544.83*	
23 33 13 19-0134	EA	52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,212.59	102.78
		For Dynamic Damper, Add	*1,028.21*	
		For 3 Hour Rated, Add	*571.23*	
23 33 13 19-0135	EA	52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,294.91	108.14
		For Dynamic Damper, Add	*1,063.89*	
		For 3 Hour Rated, Add	*591.05*	
23 33 13 19-0136	EA	52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,407.30	116.25
		For Dynamic Damper, Add	*1,111.43*	
		For 3 Hour Rated, Add	*617.46*	
23 33 13 19-0137	EA	52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,496.93	121.61
		For Dynamic Damper, Add	*1,151.07*	
		For 3 Hour Rated, Add	*639.48*	
23 33 13 19-0138	EA	56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,433.87	48.71
		For Dynamic Damper, Add	*695.38*	
		For 3 Hour Rated, Add	*386.32*	
23 33 13 19-0139	EA	56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,486.74	54.07
		For Dynamic Damper, Add	*715.16*	
		For 3 Hour Rated, Add	*397.31*	
23 33 13 19-0140	EA	56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,525.03	59.42
		For Dynamic Damper, Add	*727.07*	
		For 3 Hour Rated, Add	*403.93*	
23 33 13 19-0141	EA	56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,548.58	64.95
		For Dynamic Damper, Add	*731.01*	
		For 3 Hour Rated, Add	*406.12*	
23 33 13 19-0142	EA	56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,605.21	70.30
		For Dynamic Damper, Add	*752.84*	
		For 3 Hour Rated, Add	*418.24*	
23 33 13 19-0143	EA	56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,661.81	75.66
		For Dynamic Damper, Add	*774.63*	
		For 3 Hour Rated, Add	*430.35*	
23 33 13 19-0144	EA	56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,718.36	81.18
		For Dynamic Damper, Add	*796.40*	
		For 3 Hour Rated, Add	*442.44*	
23 33 13 19-0145	EA	56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,774.96	86.54
		For Dynamic Damper, Add	*818.19*	
		For 3 Hour Rated, Add	*454.55*	
23 33 13 19-0146	EA	56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,879.23	91.90
		For Dynamic Damper, Add	*865.73*	
		For 3 Hour Rated, Add	*480.96*	
23 33 13 19-0147	EA	56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,975.48	94.66
		For Dynamic Damper, Add	*913.32*	
		For 3 Hour Rated, Add	*507.40*	
23 33 13 19-0148	EA	56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,064.27	97.26
		For Dynamic Damper, Add	*956.89*	
		For 3 Hour Rated, Add	*531.60*	
23 33 13 19-0149	EA	56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,183.27	102.78
		For Dynamic Damper, Add	*1,012.38*	
		For 3 Hour Rated, Add	*562.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0150	EA	56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,287.55	108.14
		For Dynamic Damper, Add	*1,059.92*	
		For 3 Hour Rated, Add	*588.84*	
23 33 13 19-0151	EA	56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,399.19	113.49
		For Dynamic Damper, Add	*1,111.43*	
		For 3 Hour Rated, Add	*617.46*	
23 33 13 19-0152	EA	56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,488.81	119.01
		For Dynamic Damper, Add	*1,151.07*	
		For 3 Hour Rated, Add	*639.48*	
23 33 13 19-0153	EA	56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,600.45	124.37
		For Dynamic Damper, Add	*1,202.59*	
		For 3 Hour Rated, Add	*668.10*	
23 33 13 19-0154	EA	56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,712.09	129.73
		For Dynamic Damper, Add	*1,254.10*	
		For 3 Hour Rated, Add	*696.72*	
23 33 13 19-0155	EA	60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,472.11	54.07
		For Dynamic Damper, Add	*707.26*	
		For 3 Hour Rated, Add	*392.92*	
23 33 13 19-0156	EA	60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,525.03	59.42
		For Dynamic Damper, Add	*727.07*	
		For 3 Hour Rated, Add	*403.93*	
23 33 13 19-0157	EA	60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,555.95	64.95
		For Dynamic Damper, Add	*734.99*	
		For 3 Hour Rated, Add	*408.33*	
23 33 13 19-0158	EA	60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,579.48	70.30
		For Dynamic Damper, Add	*738.94*	
		For 3 Hour Rated, Add	*410.52*	
23 33 13 19-0159	EA	60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,639.81	75.66
		For Dynamic Damper, Add	*762.75*	
		For 3 Hour Rated, Add	*423.75*	
23 33 13 19-0160	EA	60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,700.05	81.18
		For Dynamic Damper, Add	*786.51*	
		For 3 Hour Rated, Add	*436.95*	
23 33 13 19-0161	EA	60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,763.96	86.54
		For Dynamic Damper, Add	*812.25*	
		For 3 Hour Rated, Add	*451.25*	
23 33 13 19-0162	EA	60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,827.92	91.90
		For Dynamic Damper, Add	*838.03*	
		For 3 Hour Rated, Add	*465.57*	
23 33 13 19-0163	EA	60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,931.44	94.66
		For Dynamic Damper, Add	*889.54*	
		For 3 Hour Rated, Add	*494.19*	
23 33 13 19-0164	EA	60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,027.59	97.26
		For Dynamic Damper, Add	*937.08*	
		For 3 Hour Rated, Add	*520.60*	
23 33 13 19-0165	EA	60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,139.28	102.78
		For Dynamic Damper, Add	*988.62*	
		For 3 Hour Rated, Add	*549.23*	
23 33 13 19-0166	EA	60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,250.92	108.14
		For Dynamic Damper, Add	*1,040.14*	
		For 3 Hour Rated, Add	*577.85*	
23 33 13 19-0167	EA	60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,340.51	113.49
		For Dynamic Damper, Add	*1,079.75*	
		For 3 Hour Rated, Add	*599.86*	
23 33 13 19-0168	EA	60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,474.13	119.01
		For Dynamic Damper, Add	*1,143.14*	
		For 3 Hour Rated, Add	*635.08*	
23 33 13 19-0169	EA	60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,593.13	124.37
		For Dynamic Damper, Add	*1,198.63*	
		For 3 Hour Rated, Add	*665.91*	
23 33 13 19-0170	EA	60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,712.09	129.73
		For Dynamic Damper, Add	*1,254.10*	
		For 3 Hour Rated, Add	*696.72*	
23 33 13 19-0171	EA	60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,816.32	135.25
		For Dynamic Damper, Add	*1,301.62*	
		For 3 Hour Rated, Add	*723.12*	
23 33 13 19-0172	EA	60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,920.74	140.61
		For Dynamic Damper, Add	*1,349.23*	
		For 3 Hour Rated, Add	*749.57*	

23 33 13 19-0173 Combination Smoke/Fire Damper (Ruskin FSD60) *(23 33 13 19)*

Note: 1-1/2 hour rating, leakage class I with Firestat UL 555S air foil blades and actuator.

23 33 13 19-0174	EA	6" x 6", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	751.59	18.07
		For 3 Hour Rated, Add	*278.98*	
23 33 13 19-0175	EA	8" x 6", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	770.98	18.84
		For 3 Hour Rated, Add	*285.79*	
23 33 13 19-0176	EA	8" x 8", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	788.56	19.05
		For 3 Hour Rated, Add	*292.69*	

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23 33 13 19-0177	EA	10" x 6", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	825.94	19.05
		For 3 Hour Rated, Add	*307.64*	
23 33 13 19-0178	EA	10" x 8", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	845.57	19.48
		For 3 Hour Rated, Add	*314.85*	
23 33 13 19-0179	EA	10" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	888.20	21.65
		For 3 Hour Rated, Add	*329.30*	
23 33 13 19-0180	EA	11" x 11", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	901.76	22.95
		For 3 Hour Rated, Add	*333.08*	
23 33 13 19-0181	EA	12" x 6", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	830.07	19.48
		For 3 Hour Rated, Add	*308.65*	
23 33 13 19-0182	EA	12" x 8", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	868.75	20.67
		For 3 Hour Rated, Add	*322.82*	
23 33 13 19-0183	EA	12" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	889.66	21.65
		For 3 Hour Rated, Add	*329.88*	
23 33 13 19-0184	EA	12" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	915.22	24.36
		For 3 Hour Rated, Add	*336.86*	
23 33 13 19-0185	EA	14" x 6", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	829.94	20.67
		For 3 Hour Rated, Add	*307.30*	
23 33 13 19-0186	EA	14" x 8", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	858.68	21.65
		For 3 Hour Rated, Add	*317.49*	
23 33 13 19-0187	EA	14" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	879.03	22.74
		For 3 Hour Rated, Add	*324.33*	
23 33 13 19-0188	EA	14" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	901.00	24.36
		For 3 Hour Rated, Add	*331.18*	
23 33 13 19-0189	EA	14" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	951.71	27.17
		For 3 Hour Rated, Add	*348.21*	
23 33 13 19-0190	EA	16" x 8", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	888.61	23.27
		For 3 Hour Rated, Add	*327.52*	
23 33 13 19-0191	EA	16" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	912.69	25.55
		For 3 Hour Rated, Add	*334.55*	
23 33 13 19-0192	EA	16" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	935.15	27.17
		For 3 Hour Rated, Add	*341.59*	
23 33 13 19-0193	EA	16" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	968.12	29.77
		For 3 Hour Rated, Add	*351.53*	
23 33 13 19-0194	EA	16" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	998.34	32.48
		For 3 Hour Rated, Add	*360.37*	
23 33 13 19-0195	EA	16" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,141.42	40.59
		For 3 Hour Rated, Add	*407.86*	
23 33 13 19-0196	EA	18" x 8", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	891.85	24.36
		For 3 Hour Rated, Add	*327.52*	
23 33 13 19-0197	EA	18" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	923.66	27.17
		For 3 Hour Rated, Add	*336.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0198	EA	18" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	955.48	29.77
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*346.47*	
23 33 13 19-0199	EA	18" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	985.71	32.48
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*355.32*	
23 33 13 19-0200	EA	18" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,015.94	35.07
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*364.16*	
23 33 13 19-0201	EA	18" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,046.17	37.89
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*373.00*	
23 33 13 19-0202	EA	20" x 8", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	954.58	27.17
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*349.36*	
23 33 13 19-0203	EA	20" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	987.21	29.77
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*359.16*	
23 33 13 19-0204	EA	20" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,019.84	32.48
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*368.97*	
23 33 13 19-0205	EA	20" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,052.48	35.07
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*378.78*	
23 33 13 19-0206	EA	20" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,087.34	37.89
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*389.47*	
23 33 13 19-0207	EA	20" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,115.72	40.59
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*397.58*	
23 33 13 19-0208	EA	20" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,144.03	43.19
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*405.66*	
23 33 13 19-0209	EA	20" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,209.76	48.71
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*425.45*	
23 33 13 19-0210	EA	22" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	997.44	31.07
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*361.61*	
23 33 13 19-0211	EA	22" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,031.20	33.78
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*371.87*	
23 33 13 19-0212	EA	22" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,064.95	36.48
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*382.12*	
23 33 13 19-0213	EA	22" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,099.82	39.19
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*392.82*	
23 33 13 19-0214	EA	22" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,128.75	41.89
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*401.14*	
23 33 13 19-0215	EA	22" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,161.65	46.01
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*409.46*	
23 33 13 19-0216	EA	22" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,182.83	48.38
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*415.03*	
23 33 13 19-0217	EA	22" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,507.89	60.84
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*530.07*	
23 33 13 19-0218	EA	22" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,752.43	64.62
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*623.34*	

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23 33 13 19-0219	EA	24" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,034.45	32.48
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*374.81*	
23 33 13 19-0220	EA	24" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,070.11	35.07
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*385.83*	
23 33 13 19-0221	EA	24" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,105.78	37.89
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*396.85*	
23 33 13 19-0222	EA	24" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,141.42	40.59
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*407.86*	
23 33 13 19-0223	EA	24" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,171.53	43.19
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*416.66*	
23 33 13 19-0224	EA	24" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,209.76	48.71
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*425.45*	
23 33 13 19-0225	EA	24" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,232.55	51.42
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*431.32*	
23 33 13 19-0226	EA	24" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,255.34	54.13
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*437.19*	
23 33 13 19-0227	EA	26" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,049.09	33.78
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*379.02*	
23 33 13 19-0228	EA	26" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,081.32	36.48
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*388.67*	
23 33 13 19-0229	EA	26" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,120.70	39.19
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*401.17*	
23 33 13 19-0230	EA	26" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,160.19	41.89
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*413.72*	
23 33 13 19-0231	EA	26" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,194.30	46.01
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*422.52*	
23 33 13 19-0232	EA	26" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,232.55	51.42
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*431.32*	
23 33 13 19-0233	EA	26" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,256.95	53.47
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*438.66*	
23 33 13 19-0234	EA	26" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,281.45	55.43
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*445.99*	
23 33 13 19-0235	EA	26" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,306.61	57.91
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*453.06*	
23 33 13 19-0236	EA	28" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,140.52	35.07
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*413.99*	
23 33 13 19-0237	EA	28" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,178.60	37.89
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*425.98*	
23 33 13 19-0238	EA	28" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,220.59	40.59
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*439.53*	
23 33 13 19-0239	EA	28" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,262.65	43.19
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*453.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0240	EA	28" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,298.65	48.71
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*461.01*	
23 33 13 19-0241	EA	28" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,340.54	54.13
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*471.27*	
23 33 13 19-0242	EA	28" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,366.32	55.43
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*479.94*	
23 33 13 19-0243	EA	28" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,392.00	56.83
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*488.60*	
23 33 13 19-0244	EA	28" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,421.46	59.54
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*497.14*	
23 33 13 19-0245	EA	28" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,449.30	62.25
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*505.03*	
23 33 13 19-0246	EA	28" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,148.38	71.99
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*772.97*	
23 33 13 19-0247	EA	30" x 10", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,148.27	36.48
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*415.45*	
23 33 13 19-0248	EA	30" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,190.08	39.19
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*428.92*	
23 33 13 19-0249	EA	30" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,231.93	41.89
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*442.42*	
23 33 13 19-0250	EA	30" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,277.78	46.01
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*455.91*	
23 33 13 19-0251	EA	30" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,309.61	51.42
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*462.14*	
23 33 13 19-0252	EA	30" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,353.20	56.73
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*473.08*	
23 33 13 19-0253	EA	30" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,380.69	58.13
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*482.44*	
23 33 13 19-0254	EA	30" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,408.09	59.54
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*491.79*	
23 33 13 19-0255	EA	30" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,438.87	61.91
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*501.16*	
23 33 13 19-0256	EA	30" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,469.54	64.40
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*510.53*	
23 33 13 19-0257	EA	30" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,507.66	66.90
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*522.75*	
23 33 13 19-0258	EA	30" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,648.74	68.41
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*577.32*	
23 33 13 19-0259	EA	30" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,276.47	83.89
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*809.92*	
23 33 13 19-0260	EA	32" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,303.46	40.59
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*472.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0261	EA	32" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,338.45	43.19
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*483.42*	
23 33 13 19-0262	EA	32" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,378.42	48.71
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*492.92*	
23 33 13 19-0263	EA	32" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,428.49	54.13
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*506.45*	
23 33 13 19-0264	EA	32" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,478.50	59.42
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*519.96*	
23 33 13 19-0265	EA	32" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,507.89	60.84
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*530.07*	
23 33 13 19-0266	EA	32" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,537.17	62.25
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*540.18*	
23 33 13 19-0267	EA	32" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,573.21	64.40
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*552.00*	
23 33 13 19-0268	EA	32" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,609.28	66.57
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*563.83*	
23 33 13 19-0269	EA	32" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,648.74	68.41
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*577.32*	
23 33 13 19-0270	EA	32" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,688.07	70.35
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*590.80*	
23 33 13 19-0271	EA	32" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,958.03	72.95
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*695.54*	
23 33 13 19-0272	EA	34" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,518.93	41.89
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*557.22*	
23 33 13 19-0273	EA	34" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,554.23	46.01
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*566.49*	
23 33 13 19-0274	EA	34" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,587.80	50.01
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*575.02*	
23 33 13 19-0275	EA	34" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,653.45	56.73
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*593.18*	
23 33 13 19-0276	EA	34" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,715.01	62.25
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*611.31*	
23 33 13 19-0277	EA	34" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,748.75	63.43
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*623.34*	
23 33 13 19-0278	EA	34" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,782.50	64.62
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*635.37*	
23 33 13 19-0279	EA	34" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,827.06	66.90
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*650.46*	
23 33 13 19-0280	EA	34" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,871.73	69.28
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*665.56*	
23 33 13 19-0281	EA	34" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,914.93	71.12
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*680.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0282	EA	34" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,958.03	72.95
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*695.54*	
23 33 13 19-0283	EA	34" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,002.17	74.91
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*710.85*	
23 33 13 19-0284	EA	34" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,868.43	77.07
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*654.80*	
23 33 13 19-0285	EA	36" x 12", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,745.74	43.19
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*646.34*	
23 33 13 19-0286	EA	36" x 14", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,779.62	48.71
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*653.40*	
23 33 13 19-0287	EA	36" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,805.31	51.31
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*660.42*	
23 33 13 19-0288	EA	36" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,888.34	59.42
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*683.89*	
23 33 13 19-0289	EA	36" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,963.11	64.95
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*707.30*	
23 33 13 19-0290	EA	36" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,001.53	66.03
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*721.38*	
23 33 13 19-0291	EA	36" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,039.95	67.11
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*735.45*	
23 33 13 19-0292	EA	36" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,094.22	69.49
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*754.21*	
23 33 13 19-0293	EA	36" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,148.38	71.99
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*772.97*	
23 33 13 19-0294	EA	36" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,195.10	73.82
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*789.37*	
23 33 13 19-0295	EA	36" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,241.72	75.66
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*805.76*	
23 33 13 19-0296	EA	36" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,292.73	77.07
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*824.52*	
23 33 13 19-0297	EA	36" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,343.65	78.47
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*843.29*	
23 33 13 19-0298	EA	38" x 16", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,814.75	52.72
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*662.56*	
23 33 13 19-0299	EA	38" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,887.08	60.84
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*681.74*	
23 33 13 19-0300	EA	38" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,951.18	66.24
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*700.89*	
23 33 13 19-0301	EA	38" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,987.61	67.87
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*713.52*	
23 33 13 19-0302	EA	38" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,024.07	69.49
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*726.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0303	EA	38" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,079.60	71.65
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*745.76*	
23 33 13 19-0304	EA	38" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,135.13	73.82
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*765.38*	
23 33 13 19-0305	EA	38" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,175.64	75.88
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*779.16*	
23 33 13 19-0306	EA	38" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,216.16	77.83
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*792.94*	
23 33 13 19-0307	EA	38" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,268.91	79.13
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*812.57*	
23 33 13 19-0308	EA	38" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,321.65	80.32
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*832.20*	
23 33 13 19-0309	EA	38" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,375.60	81.51
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*852.30*	
23 33 13 19-0310	EA	40" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,885.71	62.25
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*679.59*	
23 33 13 19-0311	EA	40" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,939.14	67.54
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*694.47*	
23 33 13 19-0312	EA	40" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,973.60	69.71
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*705.66*	
23 33 13 19-0313	EA	40" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,008.07	71.99
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*716.85*	
23 33 13 19-0314	EA	40" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,064.97	73.82
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*737.32*	
23 33 13 19-0315	EA	40" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,121.78	75.66
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*757.79*	
23 33 13 19-0316	EA	40" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,156.19	77.83
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*768.95*	
23 33 13 19-0317	EA	40" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,190.60	80.11
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*780.12*	
23 33 13 19-0318	EA	40" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,245.07	81.07
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*800.61*	
23 33 13 19-0319	EA	40" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,299.56	82.16
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*821.10*	
23 33 13 19-0320	EA	40" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,352.62	84.33
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*839.73*	
23 33 13 19-0321	EA	40" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,405.68	86.59
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*858.36*	
23 33 13 19-0322	EA	40" x 66", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,377.63	122.10
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,204.18*	
23 33 13 19-0323	EA	42" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,917.76	63.53
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*690.77*	

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23 33 13 19-0324	EA	42" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,975.84	68.95
		For 3 Hour Rated, Add	*707.50*	
23 33 13 19-0325	EA	42" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,020.36	71.33
		For 3 Hour Rated, Add	*722.41*	
23 33 13 19-0326	EA	42" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,064.97	73.82
		For 3 Hour Rated, Add	*737.32*	
23 33 13 19-0327	EA	42" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,118.33	76.10
		For 3 Hour Rated, Add	*755.93*	
23 33 13 19-0328	EA	42" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,171.79	78.47
		For 3 Hour Rated, Add	*774.54*	
23 33 13 19-0329	EA	42" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,216.39	80.86
		For 3 Hour Rated, Add	*789.44*	
23 33 13 19-0330	EA	42" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,260.87	83.35
		For 3 Hour Rated, Add	*804.33*	
23 33 13 19-0331	EA	42" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,311.10	84.43
		For 3 Hour Rated, Add	*822.95*	
23 33 13 19-0332	EA	42" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,361.34	85.63
		For 3 Hour Rated, Add	*841.58*	
23 33 13 19-0333	EA	42" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,410.78	87.46
		For 3 Hour Rated, Add	*859.27*	
23 33 13 19-0334	EA	42" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,460.34	89.19
		For 3 Hour Rated, Add	*876.97*	
23 33 13 19-0335	EA	42" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,510.89	91.04
		For 3 Hour Rated, Add	*895.03*	
23 33 13 19-0336	EA	44" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	1,949.72	64.95
		For 3 Hour Rated, Add	*701.95*	
23 33 13 19-0337	EA	44" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,012.41	70.35
		For 3 Hour Rated, Add	*720.54*	
23 33 13 19-0338	EA	44" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,067.10	72.95
		For 3 Hour Rated, Add	*739.16*	
23 33 13 19-0339	EA	44" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,121.78	75.66
		For 3 Hour Rated, Add	*757.79*	
23 33 13 19-0340	EA	44" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,171.79	78.47
		For 3 Hour Rated, Add	*774.54*	
23 33 13 19-0341	EA	44" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,221.81	81.18
		For 3 Hour Rated, Add	*791.30*	
23 33 13 19-0342	EA	44" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,276.47	83.89
		For 3 Hour Rated, Add	*809.92*	
23 33 13 19-0343	EA	44" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,331.12	86.59
		For 3 Hour Rated, Add	*828.53*	
23 33 13 19-0344	EA	44" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,377.12	87.89
		For 3 Hour Rated, Add	*845.29*	

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23 33 13 19-0345	EA	44" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,423.02	89.19
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*862.04*	
23 33 13 19-0346	EA	44" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,469.06	90.49
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*878.82*	
23 33 13 19-0347	EA	44" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,514.98	91.90
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*895.58*	
23 33 13 19-0348	EA	44" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,561.03	93.30
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*912.36*	
23 33 13 19-0349	EA	44" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,606.95	94.71
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*929.12*	
23 33 13 19-0350	EA	46" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	1,976.45	67.66
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*709.40*	
23 33 13 19-0351	EA	46" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,043.83	72.95
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*729.86*	
23 33 13 19-0352	EA	46" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,096.18	75.66
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*747.55*	
23 33 13 19-0353	EA	46" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,148.53	78.47
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*765.24*	
23 33 13 19-0354	EA	46" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,203.18	81.18
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*783.85*	
23 33 13 19-0355	EA	46" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,257.83	83.89
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*802.46*	
23 33 13 19-0356	EA	46" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,308.15	85.84
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*820.16*	
23 33 13 19-0357	EA	46" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,358.55	87.89
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*837.86*	
23 33 13 19-0358	EA	46" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,411.42	89.19
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*857.40*	
23 33 13 19-0359	EA	46" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,464.39	90.49
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*876.95*	
23 33 13 19-0360	EA	46" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,512.39	92.55
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*893.72*	
23 33 13 19-0361	EA	46" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,560.35	94.60
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*910.48*	
23 33 13 19-0362	EA	46" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,613.37	96.01
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*930.04*	
23 33 13 19-0363	EA	46" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,666.28	97.31
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*949.61*	
23 33 13 19-0364	EA	46" x 46", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,720.31	98.72
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*969.57*	
23 33 13 19-0365	EA	48" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,003.19	70.35
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*716.85*	

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23 33 13 19-0366	EA	48" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,075.24	75.66
		For 3 Hour Rated, Add	*739.17*	
23 33 13 19-0367	EA	48" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,125.26	78.47
		For 3 Hour Rated, Add	*755.93*	
23 33 13 19-0368	EA	48" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,175.27	81.18
		For 3 Hour Rated, Add	*772.69*	
23 33 13 19-0369	EA	48" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,234.57	83.89
		For 3 Hour Rated, Add	*793.16*	
23 33 13 19-0370	EA	48" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,293.87	86.59
		For 3 Hour Rated, Add	*813.63*	
23 33 13 19-0371	EA	48" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,339.93	87.89
		For 3 Hour Rated, Add	*830.41*	
23 33 13 19-0372	EA	48" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,385.89	89.19
		For 3 Hour Rated, Add	*847.19*	
23 33 13 19-0373	EA	48" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,445.82	90.49
		For 3 Hour Rated, Add	*869.52*	
23 33 13 19-0374	EA	48" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,505.64	91.90
		For 3 Hour Rated, Add	*891.85*	
23 33 13 19-0375	EA	48" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,555.68	94.60
		For 3 Hour Rated, Add	*908.62*	
23 33 13 19-0376	EA	48" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,605.73	97.31
		For 3 Hour Rated, Add	*925.39*	
23 33 13 19-0377	EA	48" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,665.72	98.61
		For 3 Hour Rated, Add	*947.74*	
23 33 13 19-0378	EA	48" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,725.60	100.02
		For 3 Hour Rated, Add	*970.09*	
23 33 13 19-0379	EA	48" x 46", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,775.05	104.13
		For 3 Hour Rated, Add	*984.98*	
23 33 13 19-0380	EA	48" x 48", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,824.41	108.14
		For 3 Hour Rated, Add	*999.87*	
23 33 13 19-0381	EA	48" x 54", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,011.12	117.66
		For 3 Hour Rated, Add	*1,063.17*	
23 33 13 19-0382	EA	50" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,106.64	78.47
		For 3 Hour Rated, Add	*748.48*	
23 33 13 19-0383	EA	50" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,156.65	81.18
		For 3 Hour Rated, Add	*765.24*	
23 33 13 19-0384	EA	50" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,206.66	83.89
		For 3 Hour Rated, Add	*782.00*	
23 33 13 19-0385	EA	50" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,268.30	86.59
		For 3 Hour Rated, Add	*803.40*	
23 33 13 19-0386	EA	50" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,329.96	89.19
		For 3 Hour Rated, Add	*824.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0387	EA	50" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,378.30	90.60
		For 3 Hour Rated, Add	*842.51*	
23 33 13 19-0388	EA	50" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,426.52	91.90
		For 3 Hour Rated, Add	*860.20*	
23 33 13 19-0389	EA	50" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,488.84	93.20
		For 3 Hour Rated, Add	*883.48*	
23 33 13 19-0390	EA	50" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,551.04	94.60
		For 3 Hour Rated, Add	*906.76*	
23 33 13 19-0391	EA	50" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,608.03	97.31
		For 3 Hour Rated, Add	*926.31*	
23 33 13 19-0392	EA	50" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,665.02	100.02
		For 3 Hour Rated, Add	*945.86*	
23 33 13 19-0393	EA	50" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,719.99	102.08
		For 3 Hour Rated, Add	*965.42*	
23 33 13 19-0394	EA	50" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,775.05	104.13
		For 3 Hour Rated, Add	*984.98*	
23 33 13 19-0395	EA	50" x 46", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,833.71	108.14
		For 3 Hour Rated, Add	*1,003.59*	
23 33 13 19-0396	EA	50" x 48", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,892.49	112.25
		For 3 Hour Rated, Add	*1,022.21*	
23 33 13 19-0397	EA	50" x 50", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,952.44	116.36
		For 3 Hour Rated, Add	*1,041.16*	
23 33 13 19-0398	EA	52" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,138.02	81.18
		For 3 Hour Rated, Add	*757.79*	
23 33 13 19-0399	EA	52" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,188.03	83.89
		For 3 Hour Rated, Add	*774.54*	
23 33 13 19-0400	EA	52" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,238.05	86.59
		For 3 Hour Rated, Add	*791.30*	
23 33 13 19-0401	EA	52" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,302.05	89.19
		For 3 Hour Rated, Add	*813.66*	
23 33 13 19-0402	EA	52" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,366.03	91.90
		For 3 Hour Rated, Add	*836.00*	
23 33 13 19-0403	EA	52" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,416.66	93.30
		For 3 Hour Rated, Add	*854.61*	
23 33 13 19-0404	EA	52" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,467.17	94.71
		For 3 Hour Rated, Add	*873.21*	
23 33 13 19-0405	EA	52" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,531.86	96.01
		For 3 Hour Rated, Add	*897.44*	
23 33 13 19-0406	EA	52" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,596.45	97.31
		For 3 Hour Rated, Add	*921.68*	
23 33 13 19-0407	EA	52" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,660.38	100.02
		For 3 Hour Rated, Add	*944.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0408	EA	52" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,724.32	102.83
		For 3 Hour Rated, Add	*966.33*	
23 33 13 19-0409	EA	52" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,774.36	105.43
		For 3 Hour Rated, Add	*983.10*	
23 33 13 19-0410	EA	52" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,824.41	108.14
		For 3 Hour Rated, Add	*999.87*	
23 33 13 19-0411	EA	52" x 46", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,892.49	112.25
		For 3 Hour Rated, Add	*1,022.21*	
23 33 13 19-0412	EA	52" x 48", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,960.46	116.25
		For 3 Hour Rated, Add	*1,044.55*	
23 33 13 19-0413	EA	52" x 50", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,015.12	118.96
		For 3 Hour Rated, Add	*1,063.17*	
23 33 13 19-0414	EA	52" x 52", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,069.81	121.67
		For 3 Hour Rated, Add	*1,081.80*	
23 33 13 19-0415	EA	52" x 56", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,606.43	124.37
		For 3 Hour Rated, Add	*1,293.20*	
23 33 13 19-0416	EA	54" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,274.07	89.19
		For 3 Hour Rated, Add	*802.46*	
23 33 13 19-0417	EA	54" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,336.02	91.25
		For 3 Hour Rated, Add	*824.82*	
23 33 13 19-0418	EA	54" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,398.09	93.30
		For 3 Hour Rated, Add	*847.18*	
23 33 13 19-0419	EA	54" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,450.93	94.60
		For 3 Hour Rated, Add	*866.72*	
23 33 13 19-0420	EA	54" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,503.90	96.01
		For 3 Hour Rated, Add	*886.26*	
23 33 13 19-0421	EA	54" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,572.83	97.96
		For 3 Hour Rated, Add	*911.41*	
23 33 13 19-0422	EA	54" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,641.78	100.02
		For 3 Hour Rated, Add	*936.56*	
23 33 13 19-0423	EA	54" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,705.74	102.72
		For 3 Hour Rated, Add	*958.90*	
23 33 13 19-0424	EA	54" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,769.70	105.43
		For 3 Hour Rated, Add	*981.23*	
23 33 13 19-0425	EA	54" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,829.04	108.14
		For 3 Hour Rated, Add	*1,001.72*	
23 33 13 19-0426	EA	54" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,888.38	110.84
		For 3 Hour Rated, Add	*1,022.21*	
23 33 13 19-0427	EA	54" x 46", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,949.75	114.20
		For 3 Hour Rated, Add	*1,042.69*	
23 33 13 19-0428	EA	54" x 48", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,011.12	117.66
		For 3 Hour Rated, Add	*1,063.17*	

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23 33 13 19-0429	EA	56" x 18", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,384.55	81.18
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*856.40*	
23 33 13 19-0430	EA	56" x 20", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,459.39	86.59
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*879.84*	
23 33 13 19-0431	EA	56" x 22", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,531.41	89.19
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*905.40*	
23 33 13 19-0432	EA	56" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,603.42	91.90
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*930.96*	
23 33 13 19-0433	EA	56" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,671.51	93.30
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*956.55*	
23 33 13 19-0434	EA	56" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,739.47	94.71
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*982.13*	
23 33 13 19-0435	EA	56" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,802.15	96.01
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,005.56*	
23 33 13 19-0436	EA	56" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,864.71	97.31
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,028.98*	
23 33 13 19-0437	EA	56" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,947.42	100.02
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,058.82*	
23 33 13 19-0438	EA	56" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,030.13	102.83
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,088.65*	
23 33 13 19-0439	EA	56" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,102.15	105.43
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,114.21*	
23 33 13 19-0440	EA	56" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,174.18	108.14
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,139.78*	
23 33 13 19-0441	EA	56" x 46", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,390.30	116.25
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,216.48*	
23 33 13 19-0442	EA	56" x 52", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,606.43	124.37
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,293.20*	
23 33 13 19-0443	EA	56" x 56", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	3,761.15	129.79
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,348.59*	
23 33 13 19-0444	EA	56" x 72", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	4,429.11	150.14
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,591.52*	
23 33 13 19-0445	EA	58" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,639.54	93.30
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*943.76*	
23 33 13 19-0446	EA	58" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,707.47	94.60
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*969.33*	
23 33 13 19-0447	EA	58" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,775.53	96.01
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*994.91*	
23 33 13 19-0448	EA	58" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,845.50	97.96
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,020.48*	
23 33 13 19-0449	EA	58" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60)	2,915.48	100.02
		Note: Includes acuator and PFMA mounting angles for 2 sides.		
		For 3 Hour Rated, Add	*1,046.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0450	EA	58" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,995.53	102.72
		For 3 Hour Rated, Add	*1,074.81*	
23 33 13 19-0451	EA	58" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,075.56	105.43
		For 3 Hour Rated, Add	*1,103.58*	
23 33 13 19-0452	EA	58" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,142.26	108.14
		For 3 Hour Rated, Add	*1,127.01*	
23 33 13 19-0453	EA	58" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,208.95	110.84
		For 3 Hour Rated, Add	*1,150.44*	
23 33 13 19-0454	EA	58" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,294.30	113.55
		For 3 Hour Rated, Add	*1,181.33*	
23 33 13 19-0455	EA	60" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,682.31	94.71
		For 3 Hour Rated, Add	*959.27*	
23 33 13 19-0456	EA	60" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,750.51	96.01
		For 3 Hour Rated, Add	*984.90*	
23 33 13 19-0457	EA	60" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,818.59	97.31
		For 3 Hour Rated, Add	*1,010.53*	
23 33 13 19-0458	EA	60" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,896.19	100.02
		For 3 Hour Rated, Add	*1,038.32*	
23 33 13 19-0459	EA	60" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,973.78	102.83
		For 3 Hour Rated, Add	*1,066.11*	
23 33 13 19-0460	EA	60" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,051.34	105.43
		For 3 Hour Rated, Add	*1,093.89*	
23 33 13 19-0461	EA	60" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,128.90	108.14
		For 3 Hour Rated, Add	*1,121.66*	
23 33 13 19-0462	EA	60" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,190.43	110.84
		For 3 Hour Rated, Add	*1,143.03*	
23 33 13 19-0463	EA	60" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,251.94	113.55
		For 3 Hour Rated, Add	*1,164.38*	
23 33 13 19-0464	EA	60" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,345.51	116.25
		For 3 Hour Rated, Add	*1,198.57*	
23 33 13 19-0465	EA	60" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,439.07	119.07
		For 3 Hour Rated, Add	*1,232.75*	
23 33 13 19-0466	EA	60" x 46", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,521.99	121.67
		For 3 Hour Rated, Add	*1,262.67*	
23 33 13 19-0467	EA	60" x 48", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,604.91	124.37
		For 3 Hour Rated, Add	*1,292.59*	
23 33 13 19-0468	EA	64" x 58", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,231.03	142.89
		For 3 Hour Rated, Add	*1,520.91*	
23 33 13 19-0469	EA	66" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,874.70	100.46
		For 3 Hour Rated, Add	*1,029.34*	
23 33 13 19-0470	EA	66" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	2,942.38	100.89
		For 3 Hour Rated, Add	*1,055.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0471	EA	66" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,009.94	101.42
		For 3 Hour Rated, Add	*1,082.01*	
23 33 13 19-0472	EA	66" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,109.06	105.75
		For 3 Hour Rated, Add	*1,116.59*	
23 33 13 19-0473	EA	66" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,208.29	110.09
		For 3 Hour Rated, Add	*1,151.21*	
23 33 13 19-0474	EA	66" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,286.97	113.55
		For 3 Hour Rated, Add	*1,178.53*	
23 33 13 19-0475	EA	66" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,365.70	116.91
		For 3 Hour Rated, Add	*1,205.86*	
23 33 13 19-0476	EA	66" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,416.81	119.50
		For 3 Hour Rated, Add	*1,223.06*	
23 33 13 19-0477	EA	66" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,467.93	122.10
		For 3 Hour Rated, Add	*1,240.30*	
23 33 13 19-0478	EA	70" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,589.55	123.29
		For 3 Hour Rated, Add	*1,287.78*	
23 33 13 19-0479	EA	70" x 38", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,633.02	125.78
		For 3 Hour Rated, Add	*1,302.01*	
23 33 13 19-0480	EA	70" x 40", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,676.88	128.38
		For 3 Hour Rated, Add	*1,316.35*	
23 33 13 19-0481	EA	70" x 42", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,828.75	131.19
		For 3 Hour Rated, Add	*1,373.90*	
23 33 13 19-0482	EA	70" x 44", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,981.66	134.11
		For 3 Hour Rated, Add	*1,431.86*	
23 33 13 19-0483	EA	70" x 46", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,098.12	135.31
		For 3 Hour Rated, Add	*1,476.84*	
23 33 13 19-0484	EA	70" x 48", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,214.87	136.50
		For 3 Hour Rated, Add	*1,521.94*	
23 33 13 19-0485	EA	72" x 24", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,101.53	106.51
		For 3 Hour Rated, Add	*1,112.75*	
23 33 13 19-0486	EA	72" x 26", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,168.79	106.08
		For 3 Hour Rated, Add	*1,139.96*	
23 33 13 19-0487	EA	72" x 28", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,236.17	105.75
		For 3 Hour Rated, Add	*1,167.17*	
23 33 13 19-0488	EA	72" x 30", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,359.91	111.71
		For 3 Hour Rated, Add	*1,209.70*	
23 33 13 19-0489	EA	72" x 32", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,484.42	117.88
		For 3 Hour Rated, Add	*1,252.36*	
23 33 13 19-0490	EA	72" x 34", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,564.46	122.10
		For 3 Hour Rated, Add	*1,279.18*	
23 33 13 19-0491	EA	72" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	3,644.60	126.43
		For 3 Hour Rated, Add	*1,306.04*	

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23 33 13 19-0492	EA	72" x 48", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,295.11	138.99
		For 3 Hour Rated, Add	*1,551.00*	
23 33 13 19-0493	EA	72" x 60", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,876.37	156.09
		For 3 Hour Rated, Add	*1,763.24*	
23 33 13 19-0494	EA	90" x 36", Louver Type, 1-1/2 Hour Rated, Galvanized Steel Construction, Combination Fire/Smoke Damper (Ruskin FSD60) Note: Includes acuator and PFMA mounting angles for 2 sides.	4,555.80	158.04
		For 3 Hour Rated, Add	*1,632.54*	
23 33 13 19-0495		**Smoke Damper** *(23 33 13 19)* Note: Leakage class I with Firestat UL 555S air foil blades.		
23 33 13 19-0496	EA	6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	121.85	12.02
		For Dynamic Damper, Add	*46.34*	
		For 3 Hour Rated, Add	*25.74*	
23 33 13 19-0497	EA	8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	125.63	12.55
		For Dynamic Damper, Add	*47.50*	
		For 3 Hour Rated, Add	*26.39*	
23 33 13 19-0498	EA	8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	128.03	12.66
		For Dynamic Damper, Add	*48.68*	
		For 3 Hour Rated, Add	*27.04*	
23 33 13 19-0499	EA	10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	128.03	12.66
		For Dynamic Damper, Add	*48.68*	
		For 3 Hour Rated, Add	*27.04*	
23 33 13 19-0500	EA	10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	131.28	12.99
		For Dynamic Damper, Add	*49.85*	
		For 3 Hour Rated, Add	*27.69*	
23 33 13 19-0501	EA	10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	139.95	14.40
		For Dynamic Damper, Add	*52.19*	
		For 3 Hour Rated, Add	*29.00*	
23 33 13 19-0502	EA	12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	131.28	12.99
		For Dynamic Damper, Add	*49.85*	
		For 3 Hour Rated, Add	*27.69*	
23 33 13 19-0503	EA	12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	137.78	13.75
		For Dynamic Damper, Add	*52.19*	
		For 3 Hour Rated, Add	*29.00*	
23 33 13 19-0504	EA	12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	142.13	14.40
		For Dynamic Damper, Add	*53.37*	
		For 3 Hour Rated, Add	*29.65*	
23 33 13 19-0505	EA	12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	149.71	16.24
		For Dynamic Damper, Add	*54.54*	
		For 3 Hour Rated, Add	*30.30*	
23 33 13 19-0506	EA	14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	136.70	13.75
		For Dynamic Damper, Add	*51.61*	
		For 3 Hour Rated, Add	*28.67*	
23 33 13 19-0507	EA	14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	142.13	14.40
		For Dynamic Damper, Add	*53.37*	
		For 3 Hour Rated, Add	*29.65*	
23 33 13 19-0508	EA	14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	146.46	15.15
		For Dynamic Damper, Add	*54.54*	
		For 3 Hour Rated, Add	*30.30*	
23 33 13 19-0509	EA	14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	151.89	16.24
		For Dynamic Damper, Add	*55.72*	
		For 3 Hour Rated, Add	*30.95*	
23 33 13 19-0510	EA	14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.74	18.07
		For Dynamic Damper, Add	*58.65*	
		For 3 Hour Rated, Add	*32.58*	
23 33 13 19-0511	EA	16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	221.25	14.40
		For Dynamic Damper, Add	*96.09*	
		For 3 Hour Rated, Add	*53.39*	
23 33 13 19-0512	EA	16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	226.65	15.48
		For Dynamic Damper, Add	*97.26*	
		For 3 Hour Rated, Add	*54.03*	
23 33 13 19-0513	EA	16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	233.17	16.99
		For Dynamic Damper, Add	*98.44*	
		For 3 Hour Rated, Add	*54.69*	
23 33 13 19-0514	EA	16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.58	18.07
		For Dynamic Damper, Add	*99.60*	
		For 3 Hour Rated, Add	*55.34*	
23 33 13 19-0515	EA	16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	249.45	19.80
		For Dynamic Damper, Add	*102.55*	
		For 3 Hour Rated, Add	*56.97*	
23 33 13 19-0516	EA	16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.28	21.65
		For Dynamic Damper, Add	*105.48*	
		For 3 Hour Rated, Add	*58.60*	
23 33 13 19-0517	EA	18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	225.57	15.15
		For Dynamic Damper, Add	*97.26*	
		For 3 Hour Rated, Add	*54.03*	
23 33 13 19-0518	EA	18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	232.08	16.24
		For Dynamic Damper, Add	*99.02*	
		For 3 Hour Rated, Add	*55.01*	

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23 33 13 19-0519	EA	18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.78	18.07
		For Dynamic Damper, Add	*100.79*	
		For 3 Hour Rated, Add	*56.00*	
23 33 13 19-0520	EA	18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	251.62	19.80
		For Dynamic Damper, Add	*103.72*	
		For 3 Hour Rated, Add	*57.62*	
23 33 13 19-0521	EA	18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	261.36	21.65
		For Dynamic Damper, Add	*106.06*	
		For 3 Hour Rated, Add	*58.92*	
23 33 13 19-0522	EA	18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.20	23.38
		For Dynamic Damper, Add	*109.00*	
		For 3 Hour Rated, Add	*60.56*	
23 33 13 19-0523	EA	18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	280.88	25.22
		For Dynamic Damper, Add	*110.76*	
		For 3 Hour Rated, Add	*61.53*	
23 33 13 19-0524	EA	20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	231.01	16.24
		For Dynamic Damper, Add	*98.44*	
		For 3 Hour Rated, Add	*54.69*	
23 33 13 19-0525	EA	20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.76	18.07
		For Dynamic Damper, Add	*100.78*	
		For 3 Hour Rated, Add	*55.99*	
23 33 13 19-0526	EA	20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.52	19.80
		For Dynamic Damper, Add	*103.13*	
		For 3 Hour Rated, Add	*57.29*	
23 33 13 19-0527	EA	20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	264.64	21.65
		For Dynamic Damper, Add	*107.83*	
		For 3 Hour Rated, Add	*59.91*	
23 33 13 19-0528	EA	20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	273.30	23.38
		For Dynamic Damper, Add	*109.59*	
		For 3 Hour Rated, Add	*60.89*	
23 33 13 19-0529	EA	20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	281.98	25.22
		For Dynamic Damper, Add	*111.35*	
		For 3 Hour Rated, Add	*61.86*	
23 33 13 19-0530	EA	20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	291.72	27.06
		For Dynamic Damper, Add	*113.69*	
		For 3 Hour Rated, Add	*63.16*	
23 33 13 19-0531	EA	20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	301.47	28.79
		For Dynamic Damper, Add	*116.04*	
		For 3 Hour Rated, Add	*64.46*	
23 33 13 19-0532	EA	24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	306.22	18.07
		For Dynamic Damper, Add	*136.13*	
		For 3 Hour Rated, Add	*75.63*	
23 33 13 19-0533	EA	24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	318.17	19.80
		For Dynamic Damper, Add	*139.66*	
		For 3 Hour Rated, Add	*77.59*	
23 33 13 19-0534	EA	24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	327.93	21.65
		For Dynamic Damper, Add	*142.01*	
		For 3 Hour Rated, Add	*78.89*	
23 33 13 19-0535	EA	24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.85	23.38
		For Dynamic Damper, Add	*145.53*	
		For 3 Hour Rated, Add	*80.85*	
23 33 13 19-0536	EA	24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	348.53	25.22
		For Dynamic Damper, Add	*147.29*	
		For 3 Hour Rated, Add	*81.83*	
23 33 13 19-0537	EA	24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	357.18	27.06
		For Dynamic Damper, Add	*149.04*	
		For 3 Hour Rated, Add	*82.80*	
23 33 13 19-0538	EA	24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	369.11	28.79
		For Dynamic Damper, Add	*152.56*	
		For 3 Hour Rated, Add	*84.76*	
23 33 13 19-0539	EA	24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.46	32.48
		For Dynamic Damper, Add	*156.08*	
		For 3 Hour Rated, Add	*86.71*	
23 33 13 19-0540	EA	24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.98	36.04
		For Dynamic Damper, Add	*160.78*	
		For 3 Hour Rated, Add	*89.32*	
23 33 13 19-0541	EA	28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	318.17	19.80
		For Dynamic Damper, Add	*139.66*	
		For 3 Hour Rated, Add	*77.59*	
23 33 13 19-0542	EA	28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	327.93	21.65
		For Dynamic Damper, Add	*142.01*	
		For 3 Hour Rated, Add	*78.89*	
23 33 13 19-0543	EA	28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.85	23.38
		For Dynamic Damper, Add	*145.53*	
		For 3 Hour Rated, Add	*80.85*	
23 33 13 19-0544	EA	28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	349.60	25.22
		For Dynamic Damper, Add	*147.87*	
		For 3 Hour Rated, Add	*82.15*	
23 33 13 19-0545	EA	28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	360.44	27.06
		For Dynamic Damper, Add	*150.80*	
		For 3 Hour Rated, Add	*83.78*	
23 33 13 19-0546	EA	28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	371.28	28.79
		For Dynamic Damper, Add	*153.73*	
		For 3 Hour Rated, Add	*85.41*	

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23 33 13 19-0547	EA	28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	388.63	32.48
		For Dynamic Damper, Add	*157.25*	
		For 3 Hour Rated, Add	*87.36*	
23 33 13 19-0548	EA	28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.98	36.04
		For Dynamic Damper, Add	*160.78*	
		For 3 Hour Rated, Add	*89.32*	
23 33 13 19-0549	EA	28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	424.42	37.89
		For Dynamic Damper, Add	*167.81*	
		For 3 Hour Rated, Add	*93.23*	
23 33 13 19-0550	EA	28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.11	41.45
		For Dynamic Damper, Add	*173.68*	
		For 3 Hour Rated, Add	*96.49*	
23 33 13 19-0551	EA	32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	334.45	21.65
		For Dynamic Damper, Add	*145.53*	
		For 3 Hour Rated, Add	*80.85*	
23 33 13 19-0552	EA	32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	342.00	23.38
		For Dynamic Damper, Add	*146.69*	
		For 3 Hour Rated, Add	*81.50*	
23 33 13 19-0553	EA	32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	349.60	25.22
		For Dynamic Damper, Add	*147.87*	
		For 3 Hour Rated, Add	*82.15*	
23 33 13 19-0554	EA	32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	359.35	27.06
		For Dynamic Damper, Add	*150.21*	
		For 3 Hour Rated, Add	*83.45*	
23 33 13 19-0555	EA	32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	371.69	28.79
		For Dynamic Damper, Add	*153.95*	
		For 3 Hour Rated, Add	*85.53*	
23 33 13 19-0556	EA	32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	388.63	32.48
		For Dynamic Damper, Add	*157.25*	
		For 3 Hour Rated, Add	*87.36*	
23 33 13 19-0557	EA	32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	408.15	36.04
		For Dynamic Damper, Add	*161.95*	
		For 3 Hour Rated, Add	*89.97*	
23 33 13 19-0558	EA	32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	427.68	39.62
		For Dynamic Damper, Add	*166.65*	
		For 3 Hour Rated, Add	*92.58*	
23 33 13 19-0559	EA	32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.11	41.45
		For Dynamic Damper, Add	*173.68*	
		For 3 Hour Rated, Add	*96.49*	
23 33 13 19-0560	EA	32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	470.00	44.38
		For Dynamic Damper, Add	*181.90*	
		For 3 Hour Rated, Add	*101.06*	
23 33 13 19-0561	EA	32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	494.95	46.87
		For Dynamic Damper, Add	*191.28*	
		For 3 Hour Rated, Add	*106.27*	
23 33 13 19-0562	EA	36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	350.08	23.38
		For Dynamic Damper, Add	*151.05*	
		For 3 Hour Rated, Add	*83.92*	
23 33 13 19-0563	EA	36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	360.05	25.22
		For Dynamic Damper, Add	*153.51*	
		For 3 Hour Rated, Add	*85.28*	
23 33 13 19-0564	EA	36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	370.00	27.06
		For Dynamic Damper, Add	*155.96*	
		For 3 Hour Rated, Add	*86.65*	
23 33 13 19-0565	EA	36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	382.24	28.79
		For Dynamic Damper, Add	*159.65*	
		For 3 Hour Rated, Add	*88.70*	
23 33 13 19-0566	EA	36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	396.51	32.48
		For Dynamic Damper, Add	*161.51*	
		For 3 Hour Rated, Add	*89.73*	
23 33 13 19-0567	EA	36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.33	34.21
		For Dynamic Damper, Add	*163.35*	
		For 3 Hour Rated, Add	*90.75*	
23 33 13 19-0568	EA	36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	432.95	39.62
		For Dynamic Damper, Add	*169.50*	
		For 3 Hour Rated, Add	*94.16*	
23 33 13 19-0569	EA	36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	455.13	43.30
		For Dynamic Damper, Add	*175.63*	
		For 3 Hour Rated, Add	*97.57*	
23 33 13 19-0570	EA	36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	473.13	44.71
		For Dynamic Damper, Add	*183.01*	
		For 3 Hour Rated, Add	*101.67*	
23 33 13 19-0571	EA	36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	501.07	47.95
		For Dynamic Damper, Add	*192.84*	
		For 3 Hour Rated, Add	*107.13*	
23 33 13 19-0572	EA	36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	524.58	50.44
		For Dynamic Damper, Add	*201.44*	
		For 3 Hour Rated, Add	*111.91*	
23 33 13 19-0573	EA	36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	548.22	52.28
		For Dynamic Damper, Add	*211.28*	
		For 3 Hour Rated, Add	*117.38*	
23 33 13 19-0574	EA	40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.24	27.06
		For Dynamic Damper, Add	*177.91*	
		For 3 Hour Rated, Add	*98.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0575	EA	40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	419.74	28.79
		For Dynamic Damper, Add	*182.82*	
		For 3 Hour Rated, Add	*101.57*	
23 33 13 19-0576	EA	40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	427.43	30.63
		For Dynamic Damper, Add	*184.05*	
		For 3 Hour Rated, Add	*102.25*	
23 33 13 19-0577	EA	40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	435.12	32.48
		For Dynamic Damper, Add	*185.28*	
		For 3 Hour Rated, Add	*102.94*	
23 33 13 19-0578	EA	40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	453.93	34.21
		For Dynamic Damper, Add	*189.59*	
		For 3 Hour Rated, Add	*105.33*	
23 33 13 19-0579	EA	40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	467.31	36.04
		For Dynamic Damper, Add	*193.90*	
		For 3 Hour Rated, Add	*107.72*	
23 33 13 19-0580	EA	40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	492.65	41.45
		For Dynamic Damper, Add	*198.81*	
		For 3 Hour Rated, Add	*110.45*	
23 33 13 19-0581	EA	40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	512.59	45.03
		For Dynamic Damper, Add	*203.73*	
		For 3 Hour Rated, Add	*113.18*	
23 33 13 19-0582	EA	40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	534.90	47.95
		For Dynamic Damper, Add	*211.11*	
		For 3 Hour Rated, Add	*117.28*	
23 33 13 19-0583	EA	40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	567.51	50.44
		For Dynamic Damper, Add	*224.62*	
		For 3 Hour Rated, Add	*124.79*	
23 33 13 19-0584	EA	40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	589.81	53.36
		For Dynamic Damper, Add	*231.99*	
		For 3 Hour Rated, Add	*128.88*	
23 33 13 19-0585	EA	40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	619.19	54.77
		For Dynamic Damper, Add	*245.52*	
		For 3 Hour Rated, Add	*136.40*	
23 33 13 19-0586	EA	40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	650.62	57.69
		For Dynamic Damper, Add	*257.81*	
		For 3 Hour Rated, Add	*143.23*	
23 33 13 19-0587	EA	44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	415.20	27.06
		For Dynamic Damper, Add	*180.37*	
		For 3 Hour Rated, Add	*100.21*	
23 33 13 19-0588	EA	44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	429.71	28.79
		For Dynamic Damper, Add	*185.28*	
		For 3 Hour Rated, Add	*102.94*	
23 33 13 19-0589	EA	44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	441.97	30.63
		For Dynamic Damper, Add	*188.98*	
		For 3 Hour Rated, Add	*104.99*	
23 33 13 19-0590	EA	44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	449.67	32.48
		For Dynamic Damper, Add	*190.22*	
		For 3 Hour Rated, Add	*105.68*	
23 33 13 19-0591	EA	44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	464.18	34.21
		For Dynamic Damper, Add	*195.13*	
		For 3 Hour Rated, Add	*108.41*	
23 33 13 19-0592	EA	44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	478.69	36.04
		For Dynamic Damper, Add	*200.04*	
		For 3 Hour Rated, Add	*111.14*	
23 33 13 19-0593	EA	44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	511.73	43.30
		For Dynamic Damper, Add	*206.19*	
		For 3 Hour Rated, Add	*114.55*	
23 33 13 19-0594	EA	44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	533.92	46.87
		For Dynamic Damper, Add	*212.33*	
		For 3 Hour Rated, Add	*117.96*	
23 33 13 19-0595	EA	44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	567.51	50.44
		For Dynamic Damper, Add	*224.62*	
		For 3 Hour Rated, Add	*124.79*	
23 33 13 19-0596	EA	44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	598.83	54.13
		For Dynamic Damper, Add	*235.69*	
		For 3 Hour Rated, Add	*130.94*	
23 33 13 19-0597	EA	44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	632.39	57.69
		For Dynamic Damper, Add	*247.97*	
		For 3 Hour Rated, Add	*137.76*	
23 33 13 19-0598	EA	44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	658.30	59.42
		For Dynamic Damper, Add	*259.03*	
		For 3 Hour Rated, Add	*143.91*	
23 33 13 19-0599	EA	44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	684.20	61.27
		For Dynamic Damper, Add	*270.10*	
		For 3 Hour Rated, Add	*150.05*	
23 33 13 19-0600	EA	44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	710.10	63.10
		For Dynamic Damper, Add	*281.16*	
		For 3 Hour Rated, Add	*156.20*	
23 33 13 19-0601	EA	48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	427.43	28.79
		For Dynamic Damper, Add	*184.05*	
		For 3 Hour Rated, Add	*102.25*	
23 33 13 19-0602	EA	48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	441.97	30.63
		For Dynamic Damper, Add	*188.98*	
		For 3 Hour Rated, Add	*104.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0603	EA	48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	449.67	32.48
		For Dynamic Damper, Add	*190.22*	
		For 3 Hour Rated, Add	*105.68*	
23 33 13 19-0604	EA	48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	467.31	36.04
		For Dynamic Damper, Add	*193.90*	
		For 3 Hour Rated, Add	*107.72*	
23 33 13 19-0605	EA	48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	487.24	39.62
		For Dynamic Damper, Add	*198.81*	
		For 3 Hour Rated, Add	*110.45*	
23 33 13 19-0606	EA	48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	507.17	43.30
		For Dynamic Damper, Add	*203.73*	
		For 3 Hour Rated, Add	*113.18*	
23 33 13 19-0607	EA	48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	531.66	46.87
		For Dynamic Damper, Add	*211.11*	
		For 3 Hour Rated, Add	*117.28*	
23 33 13 19-0608	EA	48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	556.12	50.44
		For Dynamic Damper, Add	*218.47*	
		For 3 Hour Rated, Add	*121.37*	
23 33 13 19-0609	EA	48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	587.44	54.13
		For Dynamic Damper, Add	*229.54*	
		For 3 Hour Rated, Add	*127.52*	
23 33 13 19-0610	EA	48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	623.29	57.69
		For Dynamic Damper, Add	*243.05*	
		For 3 Hour Rated, Add	*135.03*	
23 33 13 19-0611	EA	48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	649.22	59.42
		For Dynamic Damper, Add	*254.13*	
		For 3 Hour Rated, Add	*141.18*	
23 33 13 19-0612	EA	48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	681.92	61.27
		For Dynamic Damper, Add	*268.87*	
		For 3 Hour Rated, Add	*149.37*	
23 33 13 19-0613	EA	48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	713.24	64.83
		For Dynamic Damper, Add	*279.93*	
		For 3 Hour Rated, Add	*155.52*	
23 33 13 19-0614	EA	48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	745.96	66.68
		For Dynamic Damper, Add	*294.68*	
		For 3 Hour Rated, Add	*163.71*	
23 33 13 19-0615	EA	48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	780.41	72.09
		For Dynamic Damper, Add	*304.52*	
		For 3 Hour Rated, Add	*169.18*	
23 33 13 19-0616	EA	52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	439.69	30.63
		For Dynamic Damper, Add	*187.75*	
		For 3 Hour Rated, Add	*104.31*	
23 33 13 19-0617	EA	52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	454.21	32.48
		For Dynamic Damper, Add	*192.67*	
		For 3 Hour Rated, Add	*107.04*	
23 33 13 19-0618	EA	52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	474.13	36.04
		For Dynamic Damper, Add	*197.58*	
		For 3 Hour Rated, Add	*109.77*	
23 33 13 19-0619	EA	52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	487.24	39.62
		For Dynamic Damper, Add	*198.81*	
		For 3 Hour Rated, Add	*110.45*	
23 33 13 19-0620	EA	52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	508.31	43.30
		For Dynamic Damper, Add	*204.35*	
		For 3 Hour Rated, Add	*113.53*	
23 33 13 19-0621	EA	52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	529.38	46.87
		For Dynamic Damper, Add	*209.88*	
		For 3 Hour Rated, Add	*116.60*	
23 33 13 19-0622	EA	52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	553.86	50.44
		For Dynamic Damper, Add	*217.25*	
		For 3 Hour Rated, Add	*120.70*	
23 33 13 19-0623	EA	52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	578.34	54.13
		For Dynamic Damper, Add	*224.62*	
		For 3 Hour Rated, Add	*124.79*	
23 33 13 19-0624	EA	52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	609.65	57.69
		For Dynamic Damper, Add	*235.69*	
		For 3 Hour Rated, Add	*130.94*	
23 33 13 19-0625	EA	52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	647.78	61.27
		For Dynamic Damper, Add	*250.43*	
		For 3 Hour Rated, Add	*139.13*	
23 33 13 19-0626	EA	52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	675.94	63.10
		For Dynamic Damper, Add	*262.72*	
		For 3 Hour Rated, Add	*145.95*	
23 33 13 19-0627	EA	52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	710.96	64.83
		For Dynamic Damper, Add	*278.70*	
		For 3 Hour Rated, Add	*154.83*	
23 33 13 19-0628	EA	52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	749.08	68.52
		For Dynamic Damper, Add	*293.44*	
		For 3 Hour Rated, Add	*163.02*	
23 33 13 19-0629	EA	52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	780.41	72.09
		For Dynamic Damper, Add	*304.52*	
		For 3 Hour Rated, Add	*169.18*	
23 33 13 19-0630	EA	52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	823.95	77.51
		For Dynamic Damper, Add	*319.26*	
		For 3 Hour Rated, Add	*177.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0631	EA	52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	857.55	81.07
		For Dynamic Damper, Add	*331.56*	
		For 3 Hour Rated, Add	*184.20*	
23 33 13 19-0632	EA	56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	449.67	32.48
		For Dynamic Damper, Add	*190.22*	
		For 3 Hour Rated, Add	*105.68*	
23 33 13 19-0633	EA	56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	471.85	36.04
		For Dynamic Damper, Add	*196.35*	
		For 3 Hour Rated, Add	*109.08*	
23 33 13 19-0634	EA	56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	489.52	39.62
		For Dynamic Damper, Add	*200.04*	
		For 3 Hour Rated, Add	*111.14*	
23 33 13 19-0635	EA	56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	502.60	43.30
		For Dynamic Damper, Add	*201.26*	
		For 3 Hour Rated, Add	*111.81*	
23 33 13 19-0636	EA	56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	525.96	46.87
		For Dynamic Damper, Add	*208.03*	
		For 3 Hour Rated, Add	*115.57*	
23 33 13 19-0637	EA	56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	549.30	50.44
		For Dynamic Damper, Add	*214.79*	
		For 3 Hour Rated, Add	*119.33*	
23 33 13 19-0638	EA	56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	572.64	54.13
		For Dynamic Damper, Add	*221.55*	
		For 3 Hour Rated, Add	*123.08*	
23 33 13 19-0639	EA	56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	595.98	57.69
		For Dynamic Damper, Add	*228.31*	
		For 3 Hour Rated, Add	*126.84*	
23 33 13 19-0640	EA	56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	634.12	61.27
		For Dynamic Damper, Add	*243.05*	
		For 3 Hour Rated, Add	*135.03*	
23 33 13 19-0641	EA	56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	666.86	63.10
		For Dynamic Damper, Add	*257.81*	
		For 3 Hour Rated, Add	*143.23*	
23 33 13 19-0642	EA	56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	697.31	64.83
		For Dynamic Damper, Add	*271.33*	
		For 3 Hour Rated, Add	*150.74*	
23 33 13 19-0643	EA	56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	740.00	68.52
		For Dynamic Damper, Add	*288.54*	
		For 3 Hour Rated, Add	*160.30*	
23 33 13 19-0644	EA	56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	778.13	72.09
		For Dynamic Damper, Add	*303.29*	
		For 3 Hour Rated, Add	*168.49*	
23 33 13 19-0645	EA	56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	818.54	75.66
		For Dynamic Damper, Add	*319.26*	
		For 3 Hour Rated, Add	*177.37*	
23 33 13 19-0646	EA	56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	852.14	79.34
		For Dynamic Damper, Add	*331.56*	
		For 3 Hour Rated, Add	*184.20*	
23 33 13 19-0647	EA	56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	892.54	82.92
		For Dynamic Damper, Add	*347.53*	
		For 3 Hour Rated, Add	*193.07*	
23 33 13 19-0648	EA	56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	932.96	86.48
		For Dynamic Damper, Add	*363.51*	
		For 3 Hour Rated, Add	*201.95*	
23 33 13 19-0649	EA	60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	467.31	36.04
		For Dynamic Damper, Add	*193.90*	
		For 3 Hour Rated, Add	*107.72*	
23 33 13 19-0650	EA	60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	489.52	39.62
		For Dynamic Damper, Add	*200.04*	
		For 3 Hour Rated, Add	*111.14*	
23 33 13 19-0651	EA	60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	504.88	43.30
		For Dynamic Damper, Add	*202.49*	
		For 3 Hour Rated, Add	*112.50*	
23 33 13 19-0652	EA	60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	518.00	46.87
		For Dynamic Damper, Add	*203.73*	
		For 3 Hour Rated, Add	*113.18*	
23 33 13 19-0653	EA	60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	542.48	50.44
		For Dynamic Damper, Add	*211.11*	
		For 3 Hour Rated, Add	*117.28*	
23 33 13 19-0654	EA	60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	566.95	54.13
		For Dynamic Damper, Add	*218.47*	
		For 3 Hour Rated, Add	*121.37*	
23 33 13 19-0655	EA	60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	592.56	57.69
		For Dynamic Damper, Add	*226.46*	
		For 3 Hour Rated, Add	*125.81*	
23 33 13 19-0656	EA	60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	618.19	61.27
		For Dynamic Damper, Add	*234.45*	
		For 3 Hour Rated, Add	*130.25*	
23 33 13 19-0657	EA	60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	653.19	63.10
		For Dynamic Damper, Add	*250.43*	
		For 3 Hour Rated, Add	*139.13*	
23 33 13 19-0658	EA	60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	685.92	64.83
		For Dynamic Damper, Add	*265.18*	
		For 3 Hour Rated, Add	*147.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0659	EA	60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	726.34	68.52
		For Dynamic Damper, Add	*281.16*	
		For 3 Hour Rated, Add	*156.20*	
23 33 13 19-0660	EA	60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	766.75	72.09
		For Dynamic Damper, Add	*297.14*	
		For 3 Hour Rated, Add	*165.08*	
23 33 13 19-0661	EA	60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	800.32	75.66
		For Dynamic Damper, Add	*309.43*	
		For 3 Hour Rated, Add	*171.90*	
23 33 13 19-0662	EA	60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	847.56	79.34
		For Dynamic Damper, Add	*329.09*	
		For 3 Hour Rated, Add	*182.83*	
23 33 13 19-0663	EA	60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	890.25	82.92
		For Dynamic Damper, Add	*346.30*	
		For 3 Hour Rated, Add	*192.39*	
23 33 13 19-0664	EA	60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	932.96	86.48
		For Dynamic Damper, Add	*363.51*	
		For 3 Hour Rated, Add	*201.95*	
23 33 13 19-0665	EA	60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	971.06	90.17
		For Dynamic Damper, Add	*378.24*	
		For 3 Hour Rated, Add	*210.14*	
23 33 13 19-0666	EA	60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,009.23	93.74
		For Dynamic Damper, Add	*393.01*	
		For 3 Hour Rated, Add	*218.34*	

23 33 13 19-0667 Motorized Combination Fire/Smoke Damper (Dayton) *(23 33 13 19)*

Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.

23 33 13 19-0668	EA	8" Width x 8" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ9)	779.51	19.70
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0669	EA	10" Width x 10" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGK1)	795.17	20.57
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0670	EA	12" Width x 12" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGK2)	862.11	21.65
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0671	EA	16" Width x 16" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGK3)	903.44	22.84
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0672	EA	18" Width x 18" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGK4)	967.40	24.03
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0673	EA	24" Width x 24" Height, 120 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGK5)	1,056.95	25.44
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0674	EA	8" Width x 8" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ3)	782.52	19.70
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0675	EA	10" Width x 10" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ4)	781.53	20.57
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0676	EA	12" Width x 12" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ5)	862.04	21.65
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0677	EA	16" Width x 16" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ6)	903.44	22.84
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0678	EA	18" Width x 18" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ7)	967.40	24.03
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		
23 33 13 19-0679	EA	24" Width x 24" Height, 24 Volt, 1-1/2 Hour, Galvanized Steel, Motorized Combination Fire/Smoke Damper (Dayton 3HGJ8)	1,034.58	25.44
		Note: Includes damper, motor, actuators and junction box. Excludes electrical connection.		

23 33 13 23 Backdraft Dampers *(23 33 13)*

23 33 13 23-0001 Horizontally Mounted Backdraft Damper *(23 33 13 23)*

Note: Galvanized steel frame, aluminum blades. Exclude motor pack.

23 33 13 23-0002	EA	6" x 6" Horizontally Mounted Backdraft Damper	83.71	12.02
23 33 13 23-0003	EA	8" x 6" Horizontally Mounted Backdraft Damper	101.22	12.55
23 33 13 23-0004	EA	8" x 8" Horizontally Mounted Backdraft Damper	122.62	12.66
23 33 13 23-0005	EA	10" x 6" Horizontally Mounted Backdraft Damper	117.34	12.66
23 33 13 23-0006	EA	10" x 8" Horizontally Mounted Backdraft Damper	112.11	12.99
23 33 13 23-0007	EA	10" x 10" Horizontally Mounted Backdraft Damper	134.72	14.40
23 33 13 23-0008	EA	12" x 6" Horizontally Mounted Backdraft Damper	104.79	12.99
23 33 13 23-0009	EA	12" x 8" Horizontally Mounted Backdraft Damper	131.06	14.40
23 33 13 23-0010	EA	12" x 10" Horizontally Mounted Backdraft Damper	125.35	15.15
23 33 13 23-0011	EA	12" x 12" Horizontally Mounted Backdraft Damper	144.59	16.24
23 33 13 23-0012	EA	14" x 6" Horizontally Mounted Backdraft Damper	117.92	13.75
23 33 13 23-0013	EA	14" x 8" Horizontally Mounted Backdraft Damper	120.02	15.15
23 33 13 23-0014	EA	14" x 10" Horizontally Mounted Backdraft Damper	141.94	16.24
23 33 13 23-0015	EA	14" x 12" Horizontally Mounted Backdraft Damper	125.84	18.07
23 33 13 23-0016	EA	14" x 14" Horizontally Mounted Backdraft Damper	143.20	19.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0017	EA	16" x 6" Horizontally Mounted Backdraft Damper	131.06	14.40
23 33 13 23-0018	EA	16" x 8" Horizontally Mounted Backdraft Damper	133.93	16.24
23 33 13 23-0019	EA	16" x 10" Horizontally Mounted Backdraft Damper	122.43	18.07
23 33 13 23-0020	EA	16" x 12" Horizontally Mounted Backdraft Damper	136.07	18.07
23 33 13 23-0021	EA	16" x 14" Horizontally Mounted Backdraft Damper	155.15	19.80
23 33 13 23-0022	EA	16" x 16" Horizontally Mounted Backdraft Damper	174.21	21.65
23 33 13 23-0023	EA	18" x 6" Horizontally Mounted Backdraft Damper	117.37	15.15
23 33 13 23-0024	EA	18" x 8" Horizontally Mounted Backdraft Damper	110.16	16.24
23 33 13 23-0025	EA	18" x 10" Horizontally Mounted Backdraft Damper	130.95	18.07
23 33 13 23-0026	EA	18" x 12" Horizontally Mounted Backdraft Damper	151.72	19.80
23 33 13 23-0027	EA	18" x 14" Horizontally Mounted Backdraft Damper	172.49	21.65
23 33 13 23-0028	EA	18" x 16" Horizontally Mounted Backdraft Damper	197.20	23.38
23 33 13 23-0029	EA	18" x 18" Horizontally Mounted Backdraft Damper	223.89	27.06
23 33 13 23-0030	EA	18" x 20" Horizontally Mounted Backdraft Damper	182.76	28.79
23 33 13 23-0031	EA	18" x 24" Horizontally Mounted Backdraft Damper	212.81	32.48
23 33 13 23-0032	EA	20" x 6" Horizontally Mounted Backdraft Damper	128.60	16.24
23 33 13 23-0033	EA	20" x 8" Horizontally Mounted Backdraft Damper	122.43	18.07
23 33 13 23-0034	EA	20" x 10" Horizontally Mounted Backdraft Damper	144.90	19.80
23 33 13 23-0035	EA	20" x 12" Horizontally Mounted Backdraft Damper	167.39	21.65
23 33 13 23-0036	EA	20" x 14" Horizontally Mounted Backdraft Damper	193.68	23.38
23 33 13 23-0037	EA	20" x 16" Horizontally Mounted Backdraft Damper	216.71	25.22
23 33 13 23-0038	EA	20" x 18" Horizontally Mounted Backdraft Damper	182.76	28.79
23 33 13 23-0039	EA	20" x 20" Horizontally Mounted Backdraft Damper	193.44	28.79
23 33 13 23-0040	EA	20" x 24" Horizontally Mounted Backdraft Damper	225.63	32.48
23 33 13 23-0041	EA	20" x 28" Horizontally Mounted Backdraft Damper	257.81	36.04
23 33 13 23-0042	EA	20" x 32" Horizontally Mounted Backdraft Damper	241.17	39.62
23 33 13 23-0043	EA	20" x 36" Horizontally Mounted Backdraft Damper	267.24	43.30
23 33 13 23-0044	EA	24" x 6" Horizontally Mounted Backdraft Damper	115.58	18.07
23 33 13 23-0045	EA	24" x 8" Horizontally Mounted Backdraft Damper	141.48	19.80
23 33 13 23-0046	EA	24" x 10" Horizontally Mounted Backdraft Damper	167.39	21.65
23 33 13 23-0047	EA	24" x 12" Horizontally Mounted Backdraft Damper	197.20	23.38
23 33 13 23-0048	EA	24" x 14" Horizontally Mounted Backdraft Damper	170.93	27.06
23 33 13 23-0049	EA	24" x 16" Horizontally Mounted Backdraft Damper	189.16	28.79
23 33 13 23-0050	EA	24" x 18" Horizontally Mounted Backdraft Damper	212.81	32.48
23 33 13 23-0051	EA	24" x 20" Horizontally Mounted Backdraft Damper	225.63	32.48
23 33 13 23-0052	EA	24" x 24" Horizontally Mounted Backdraft Damper	262.09	36.04
23 33 13 23-0053	EA	24" x 28" Horizontally Mounted Backdraft Damper	247.26	39.62
23 33 13 23-0054	EA	24" x 32" Horizontally Mounted Backdraft Damper	276.41	43.30
23 33 13 23-0055	EA	24" x 36" Horizontally Mounted Backdraft Damper	305.55	46.87
23 33 13 23-0056	EA	24" x 40" Horizontally Mounted Backdraft Damper	298.06	50.44
23 33 13 23-0057	EA	24" x 44" Horizontally Mounted Backdraft Damper	323.54	54.13
23 33 13 23-0058	EA	24" x 48" Horizontally Mounted Backdraft Damper	338.19	54.13
23 33 13 23-0059	EA	28" x 6" Horizontally Mounted Backdraft Damper	125.84	18.07
23 33 13 23-0060	EA	28" x 8" Horizontally Mounted Backdraft Damper	155.15	19.80
23 33 13 23-0061	EA	28" x 10" Horizontally Mounted Backdraft Damper	193.68	23.38
23 33 13 23-0062	EA	28" x 12" Horizontally Mounted Backdraft Damper	170.93	27.06
23 33 13 23-0063	EA	28" x 14" Horizontally Mounted Backdraft Damper	191.30	28.79
23 33 13 23-0064	EA	28" x 16" Horizontally Mounted Backdraft Damper	217.09	32.48
23 33 13 23-0065	EA	28" x 18" Horizontally Mounted Backdraft Damper	242.87	36.04
23 33 13 23-0066	EA	28" x 20" Horizontally Mounted Backdraft Damper	257.81	36.04
23 33 13 23-0067	EA	28" x 24" Horizontally Mounted Backdraft Damper	247.26	39.62
23 33 13 23-0068	EA	28" x 28" Horizontally Mounted Backdraft Damper	279.46	43.30
23 33 13 23-0069	EA	28" x 32" Horizontally Mounted Backdraft Damper	311.65	46.87
23 33 13 23-0070	EA	28" x 36" Horizontally Mounted Backdraft Damper	316.20	54.13
23 33 13 23-0071	EA	28" x 40" Horizontally Mounted Backdraft Damper	333.30	54.13
23 33 13 23-0072	EA	28" x 44" Horizontally Mounted Backdraft Damper	361.21	57.69
23 33 13 23-0073	EA	28" x 48" Horizontally Mounted Backdraft Damper	389.14	61.27
23 33 13 23-0074	EA	28" x 52" Horizontally Mounted Backdraft Damper	406.24	61.27
23 33 13 23-0075	EA	28" x 56" Horizontally Mounted Backdraft Damper	404.25	64.83
23 33 13 23-0076	EA	28" x 60" Horizontally Mounted Backdraft Damper	419.19	64.83
23 33 13 23-0077	EA	32" x 6" Horizontally Mounted Backdraft Damper	141.48	19.80
23 33 13 23-0078	EA	32" x 8" Horizontally Mounted Backdraft Damper	183.11	23.38
23 33 13 23-0079	EA	32" x 10" Horizontally Mounted Backdraft Damper	216.71	25.22
23 33 13 23-0080	EA	32" x 12" Horizontally Mounted Backdraft Damper	189.16	28.79
23 33 13 23-0081	EA	32" x 14" Horizontally Mounted Backdraft Damper	217.09	32.48
23 33 13 23-0082	EA	32" x 16" Horizontally Mounted Backdraft Damper	244.99	36.04
23 33 13 23-0083	EA	32" x 18" Horizontally Mounted Backdraft Damper	218.12	36.04
23 33 13 23-0084	EA	32" x 20" Horizontally Mounted Backdraft Damper	241.17	39.62
23 33 13 23-0085	EA	32" x 24" Horizontally Mounted Backdraft Damper	276.41	43.30
23 33 13 23-0086	EA	32" x 28" Horizontally Mounted Backdraft Damper	311.65	46.87
23 33 13 23-0087	EA	32" x 32" Horizontally Mounted Backdraft Damper	318.66	54.13
23 33 13 23-0088	EA	32" x 36" Horizontally Mounted Backdraft Damper	338.19	54.13
23 33 13 23-0089	EA	32" x 40" Horizontally Mounted Backdraft Damper	368.54	57.69
23 33 13 23-0090	EA	32" x 44" Horizontally Mounted Backdraft Damper	398.90	61.27
23 33 13 23-0091	EA	32" x 48" Horizontally Mounted Backdraft Damper	399.97	64.83
23 33 13 23-0092	EA	32" x 52" Horizontally Mounted Backdraft Damper	417.07	64.83
23 33 13 23-0093	EA	32" x 56" Horizontally Mounted Backdraft Damper	444.97	68.52
23 33 13 23-0094	EA	32" x 60" Horizontally Mounted Backdraft Damper	462.07	68.52
23 33 13 23-0095	EA	32" x 64" Horizontally Mounted Backdraft Damper	450.91	72.09
23 33 13 23-0096	EA	32" x 68" Horizontally Mounted Backdraft Damper	465.56	72.09
23 33 13 23-0097	EA	32" x 72" Horizontally Mounted Backdraft Damper	491.03	75.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0098	EA	36" x 6" Horizontally Mounted Backdraft Damper	151.72	19.80
23 33 13 23-0099	EA	36" x 8" Horizontally Mounted Backdraft Damper	202.62	25.22
23 33 13 23-0100	EA	36" x 10" Horizontally Mounted Backdraft Damper	182.76	28.79
23 33 13 23-0101	EA	36" x 12" Horizontally Mounted Backdraft Damper	212.81	32.48
23 33 13 23-0102	EA	36" x 14" Horizontally Mounted Backdraft Damper	242.87	36.04
23 33 13 23-0103	EA	36" x 16" Horizontally Mounted Backdraft Damper	218.12	36.04
23 33 13 23-0104	EA	36" x 18" Horizontally Mounted Backdraft Damper	242.69	39.62
23 33 13 23-0105	EA	36" x 20" Horizontally Mounted Backdraft Damper	267.24	43.30
23 33 13 23-0106	EA	36" x 24" Horizontally Mounted Backdraft Damper	305.55	46.87
23 33 13 23-0107	EA	36" x 28" Horizontally Mounted Backdraft Damper	316.20	54.13
23 33 13 23-0108	EA	36" x 32" Horizontally Mounted Backdraft Damper	338.19	54.13
23 33 13 23-0109	EA	36" x 36" Horizontally Mounted Backdraft Damper	370.97	57.69
23 33 13 23-0110	EA	36" x 40" Horizontally Mounted Backdraft Damper	403.79	61.27
23 33 13 23-0111	EA	36" x 44" Horizontally Mounted Backdraft Damper	406.37	64.83
23 33 13 23-0112	EA	36" x 48" Horizontally Mounted Backdraft Damper	436.43	68.52
23 33 13 23-0113	EA	36" x 52" Horizontally Mounted Backdraft Damper	455.65	68.52
23 33 13 23-0114	EA	36" x 56" Horizontally Mounted Backdraft Damper	447.25	72.09
23 33 13 23-0115	EA	36" x 60" Horizontally Mounted Backdraft Damper	463.73	72.09
23 33 13 23-0116	EA	36" x 64" Horizontally Mounted Backdraft Damper	491.03	75.66
23 33 13 23-0117	EA	36" x 68" Horizontally Mounted Backdraft Damper	507.50	75.66
23 33 13 23-0118	EA	36" x 72" Horizontally Mounted Backdraft Damper	524.00	75.66
23 33 13 23-0119	EA	40" x 6" Horizontally Mounted Backdraft Damper	167.39	21.65
23 33 13 23-0120	EA	40" x 8" Horizontally Mounted Backdraft Damper	222.12	27.06
23 33 13 23-0121	EA	40" x 10" Horizontally Mounted Backdraft Damper	193.44	28.79
23 33 13 23-0122	EA	40" x 12" Horizontally Mounted Backdraft Damper	225.63	32.48
23 33 13 23-0123	EA	40" x 14" Horizontally Mounted Backdraft Damper	257.81	36.04
23 33 13 23-0124	EA	40" x 16" Horizontally Mounted Backdraft Damper	241.17	39.62
23 33 13 23-0125	EA	40" x 18" Horizontally Mounted Backdraft Damper	267.24	43.30
23 33 13 23-0126	EA	40" x 20" Horizontally Mounted Backdraft Damper	293.33	46.87
23 33 13 23-0127	EA	40" x 24" Horizontally Mounted Backdraft Damper	298.06	50.44
23 33 13 23-0128	EA	40" x 28" Horizontally Mounted Backdraft Damper	333.30	54.13
23 33 13 23-0129	EA	40" x 32" Horizontally Mounted Backdraft Damper	368.54	57.69
23 33 13 23-0130	EA	40" x 36" Horizontally Mounted Backdraft Damper	403.79	61.27
23 33 13 23-0131	EA	40" x 40" Horizontally Mounted Backdraft Damper	408.51	64.83
23 33 13 23-0132	EA	40" x 44" Horizontally Mounted Backdraft Damper	440.69	68.52
23 33 13 23-0133	EA	40" x 48" Horizontally Mounted Backdraft Damper	462.07	68.52
23 33 13 23-0134	EA	40" x 50" Horizontally Mounted Backdraft Damper	445.42	72.09
23 33 13 23-0135	EA	44" x 6" Horizontally Mounted Backdraft Damper	186.63	23.38
23 33 13 23-0136	EA	44" x 8" Horizontally Mounted Backdraft Damper	180.62	28.79
23 33 13 23-0137	EA	44" x 10" Horizontally Mounted Backdraft Damper	214.95	32.48
23 33 13 23-0138	EA	44" x 12" Horizontally Mounted Backdraft Damper	249.27	36.04
23 33 13 23-0139	EA	44" x 14" Horizontally Mounted Backdraft Damper	236.58	39.62
23 33 13 23-0140	EA	44" x 16" Horizontally Mounted Backdraft Damper	264.19	43.30
23 33 13 23-0141	EA	44" x 18" Horizontally Mounted Backdraft Damper	280.98	43.30
23 33 13 23-0142	EA	44" x 20" Horizontally Mounted Backdraft Damper	308.60	46.87
23 33 13 23-0143	EA	44" x 24" Horizontally Mounted Backdraft Damper	323.54	54.13
23 33 13 23-0144	EA	44" x 28" Horizontally Mounted Backdraft Damper	361.21	57.69
23 33 13 23-0145	EA	44" x 32" Horizontally Mounted Backdraft Damper	398.90	61.27
23 33 13 23-0146	EA	44" x 36" Horizontally Mounted Backdraft Damper	406.37	64.83
23 33 13 23-0147	EA	44" x 40" Horizontally Mounted Backdraft Damper	440.69	68.52
23 33 13 23-0148	EA	44" x 44" Horizontally Mounted Backdraft Damper	464.19	68.52
23 33 13 23-0149	EA	44" x 48" Horizontally Mounted Backdraft Damper	458.24	72.09
23 33 13 23-0150	EA	44" x 50" Horizontally Mounted Backdraft Damper	468.30	72.09
23 33 13 23-0151	EA	48" x 6" Horizontally Mounted Backdraft Damper	202.62	25.22
23 33 13 23-0152	EA	48" x 8" Horizontally Mounted Backdraft Damper	189.16	28.79
23 33 13 23-0153	EA	48" x 10" Horizontally Mounted Backdraft Damper	225.63	32.48
23 33 13 23-0154	EA	48" x 12" Horizontally Mounted Backdraft Damper	218.12	36.04
23 33 13 23-0155	EA	48" x 14" Horizontally Mounted Backdraft Damper	247.26	39.62
23 33 13 23-0156	EA	48" x 16" Horizontally Mounted Backdraft Damper	276.41	43.30
23 33 13 23-0157	EA	48" x 18" Horizontally Mounted Backdraft Damper	305.55	46.87
23 33 13 23-0158	EA	48" x 20" Horizontally Mounted Backdraft Damper	298.06	50.44
23 33 13 23-0159	EA	48" x 24" Horizontally Mounted Backdraft Damper	338.19	54.13
23 33 13 23-0160	EA	48" x 28" Horizontally Mounted Backdraft Damper	389.14	61.27
23 33 13 23-0161	EA	48" x 32" Horizontally Mounted Backdraft Damper	399.97	64.83
23 33 13 23-0162	EA	48" x 36" Horizontally Mounted Backdraft Damper	436.43	68.52
23 33 13 23-0163	EA	48" x 40" Horizontally Mounted Backdraft Damper	462.07	68.52
23 33 13 23-0164	EA	48" x 44" Horizontally Mounted Backdraft Damper	458.24	72.09
23 33 13 23-0165	EA	48" x 48" Horizontally Mounted Backdraft Damper	491.03	75.66
23 33 13 23-0166	EA	48" x 50" Horizontally Mounted Backdraft Damper	502.02	75.66
23 33 13 23-0167	EA	50" x 6" Horizontally Mounted Backdraft Damper	207.91	25.22
23 33 13 23-0168	EA	50" x 8" Horizontally Mounted Backdraft Damper	204.27	32.48
23 33 13 23-0169	EA	50" x 10" Horizontally Mounted Backdraft Damper	241.80	36.04
23 33 13 23-0170	EA	50" x 12" Horizontally Mounted Backdraft Damper	233.52	39.62
23 33 13 23-0171	EA	50" x 14" Horizontally Mounted Backdraft Damper	263.43	43.30
23 33 13 23-0172	EA	50" x 16" Horizontally Mounted Backdraft Damper	293.33	46.87
23 33 13 23-0173	EA	50" x 18" Horizontally Mounted Backdraft Damper	323.23	50.44
23 33 13 23-0174	EA	50" x 20" Horizontally Mounted Backdraft Damper	314.98	54.13
23 33 13 23-0175	EA	50" x 24" Horizontally Mounted Backdraft Damper	356.32	57.69
23 33 13 23-0176	EA	50" x 28" Horizontally Mounted Backdraft Damper	397.68	61.27
23 33 13 23-0177	EA	50" x 32" Horizontally Mounted Backdraft Damper	408.51	64.83
23 33 13 23-0178	EA	50" x 36" Horizontally Mounted Backdraft Damper	446.04	68.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0179	EA	50" x 40" Horizontally Mounted Backdraft Damper	445.42	72.09
23 33 13 23-0180	EA	50" x 44" Horizontally Mounted Backdraft Damper	468.30	72.09
23 33 13 23-0181	EA	50" x 48" Horizontally Mounted Backdraft Damper	502.02	75.66
23 33 13 23-0182	EA	50" x 50" Horizontally Mounted Backdraft Damper	513.46	75.66
23 33 13 23-0183		Vertically Mounted Backdraft Damper *(23 33 13 23)*		
		Note: Galvanized steel frame, aluminum blades. Excludes motor pack.		
23 33 13 23-0184	EA	6" x 6" Vertically Mounted Backdraft Damper	90.94	12.02
23 33 13 23-0185	EA	8" x 6" Vertically Mounted Backdraft Damper	110.87	12.55
23 33 13 23-0186	EA	10" x 6" Vertically Mounted Backdraft Damper	114.15	12.66
23 33 13 23-0187	EA	8" x 8" Vertically Mounted Backdraft Damper	119.23	12.66
23 33 13 23-0188	EA	12" x 6" Vertically Mounted Backdraft Damper	130.48	12.99
23 33 13 23-0189	EA	10" x 8" Vertically Mounted Backdraft Damper	144.98	14.40
23 33 13 23-0190	EA	14" x 6" Vertically Mounted Backdraft Damper	145.73	12.99
23 33 13 23-0191	EA	12" x 8" Vertically Mounted Backdraft Damper	165.31	14.40
23 33 13 23-0192	EA	16" x 6" Vertically Mounted Backdraft Damper	167.47	15.15
23 33 13 23-0193	EA	10" x 10" Vertically Mounted Backdraft Damper	175.81	16.24
23 33 13 23-0194	EA	18" x 6" Vertically Mounted Backdraft Damper	141.47	13.75
23 33 13 23-0195	EA	14" x 8" Vertically Mounted Backdraft Damper	149.52	15.15
23 33 13 23-0196	EA	12" x 10" Vertically Mounted Backdraft Damper	160.20	16.24
23 33 13 23-0197	EA	20" x 6" Vertically Mounted Backdraft Damper	165.62	18.07
23 33 13 23-0198	EA	16" x 8" Vertically Mounted Backdraft Damper	178.45	19.80
23 33 13 23-0199	EA	14" x 10" Vertically Mounted Backdraft Damper	173.36	14.40
23 33 13 23-0200	EA	12" x 12" Vertically Mounted Backdraft Damper	182.50	16.24
23 33 13 23-0201	EA	18" x 8" Vertically Mounted Backdraft Damper	160.62	18.07
23 33 13 23-0202	EA	24" x 6" Vertically Mounted Backdraft Damper	160.62	18.07
23 33 13 23-0203	EA	16" x 10" Vertically Mounted Backdraft Damper	177.85	19.80
23 33 13 23-0204	EA	20" x 8" Vertically Mounted Backdraft Damper	183.26	21.65
23 33 13 23-0205	EA	14" x 12" Vertically Mounted Backdraft Damper	169.68	15.15
23 33 13 23-0206	EA	28" x 6" Vertically Mounted Backdraft Damper	172.93	16.24
23 33 13 23-0207	EA	18" x 10" Vertically Mounted Backdraft Damper	187.23	18.07
23 33 13 23-0208	EA	16" x 12" Vertically Mounted Backdraft Damper	201.51	19.80
23 33 13 23-0209	EA	24" x 8" Vertically Mounted Backdraft Damper	206.92	21.65
23 33 13 23-0210	EA	32" x 6" Vertically Mounted Backdraft Damper	212.32	23.38
23 33 13 23-0211	EA	14" x 14" Vertically Mounted Backdraft Damper	226.12	27.06
23 33 13 23-0212	EA	20" x 10" Vertically Mounted Backdraft Damper	224.21	28.79
23 33 13 23-0213	EA	18" x 12" Vertically Mounted Backdraft Damper	246.06	32.48
23 33 13 23-0214	EA	36" x 6" Vertically Mounted Backdraft Damper	197.35	16.24
23 33 13 23-0215	EA	16" x 14" Vertically Mounted Backdraft Damper	208.27	18.07
23 33 13 23-0216	EA	28" x 8" Vertically Mounted Backdraft Damper	213.68	19.80
23 33 13 23-0217	EA	20" x 12" Vertically Mounted Backdraft Damper	230.09	21.65
23 33 13 23-0218	EA	24" x 10" Vertically Mounted Backdraft Damper	235.49	23.38
23 33 13 23-0219	EA	40" x 6" Vertically Mounted Backdraft Damper	240.91	25.22
23 33 13 23-0220	EA	18" x 14" Vertically Mounted Backdraft Damper	260.00	28.79
23 33 13 23-0221	EA	16" x 16" Vertically Mounted Backdraft Damper	262.74	28.79
23 33 13 23-0222	EA	32" x 8" Vertically Mounted Backdraft Damper	273.57	32.48
23 33 13 23-0223	EA	44" x 6" Vertically Mounted Backdraft Damper	289.90	36.04
23 33 13 23-0224	EA	20" x 14" Vertically Mounted Backdraft Damper	311.75	39.62
23 33 13 23-0225	EA	28" x 10" Vertically Mounted Backdraft Damper	322.57	43.30
23 33 13 23-0226	EA	18" x 16" Vertically Mounted Backdraft Damper	252.31	18.07
23 33 13 23-0227	EA	24" x 12" Vertically Mounted Backdraft Damper	257.72	19.80
23 33 13 23-0228	EA	36" x 8" Vertically Mounted Backdraft Damper	263.13	21.65
23 33 13 23-0229	EA	48" x 6" Vertically Mounted Backdraft Damper	268.53	23.38
23 33 13 23-0230	EA	50" x 6" Vertically Mounted Backdraft Damper	287.61	27.06
23 33 13 23-0231	EA	20" x 16" Vertically Mounted Backdraft Damper	306.78	28.79
23 33 13 23-0232	EA	32" x 10" Vertically Mounted Backdraft Damper	317.61	32.48
23 33 13 23-0233	EA	40" x 8" Vertically Mounted Backdraft Damper	317.61	32.48
23 33 13 23-0234	EA	18" x 18" Vertically Mounted Backdraft Damper	284.39	36.04
23 33 13 23-0235	EA	24" x 14" Vertically Mounted Backdraft Damper	270.76	39.62
23 33 13 23-0236	EA	28" x 12" Vertically Mounted Backdraft Damper	281.58	43.30
23 33 13 23-0237	EA	44" x 8" Vertically Mounted Backdraft Damper	299.64	46.87
23 33 13 23-0238	EA	18" x 20" Vertically Mounted Backdraft Damper	314.07	50.44
23 33 13 23-0239	EA	20" x 18" Vertically Mounted Backdraft Damper	324.90	54.13
23 33 13 23-0240	EA	36" x 10" Vertically Mounted Backdraft Damper	324.90	54.13
23 33 13 23-0241	EA	24" x 16" Vertically Mounted Backdraft Damper	227.50	18.07
23 33 13 23-0242	EA	32" x 12" Vertically Mounted Backdraft Damper	232.91	19.80
23 33 13 23-0243	EA	48" x 8" Vertically Mounted Backdraft Damper	243.72	23.38
23 33 13 23-0244	EA	28" x 14" Vertically Mounted Backdraft Damper	258.16	27.06
23 33 13 23-0245	EA	20" x 20" Vertically Mounted Backdraft Damper	267.18	28.79
23 33 13 23-0246	EA	40" x 10" Vertically Mounted Backdraft Damper	278.01	32.48
23 33 13 23-0247	EA	50" x 8" Vertically Mounted Backdraft Damper	288.83	36.04
23 33 13 23-0248	EA	18" x 24" Vertically Mounted Backdraft Damper	303.28	36.04
23 33 13 23-0249	EA	24" x 18" Vertically Mounted Backdraft Damper	314.11	39.62
23 33 13 23-0250	EA	36" x 12" Vertically Mounted Backdraft Damper	324.93	43.30
23 33 13 23-0251	EA	44" x 10" Vertically Mounted Backdraft Damper	339.37	46.87
23 33 13 23-0252	EA	28" x 16" Vertically Mounted Backdraft Damper	364.63	54.13
23 33 13 23-0253	EA	32" x 14" Vertically Mounted Backdraft Damper	364.63	54.13
23 33 13 23-0254	EA	20" x 24" Vertically Mounted Backdraft Damper	391.71	57.69
23 33 13 23-0255	EA	24" x 20" Vertically Mounted Backdraft Damper	369.27	61.27
23 33 13 23-0256	EA	40" x 12" Vertically Mounted Backdraft Damper	369.27	61.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0257	EA	48" x 10" Vertically Mounted Backdraft Damper	380.10	64.83
23 33 13 23-0258	EA	50" x 10" Vertically Mounted Backdraft Damper	387.82	64.83
23 33 13 23-0259	EA	28" x 18" Vertically Mounted Backdraft Damper	254.04	19.80
23 33 13 23-0260	EA	36" x 14" Vertically Mounted Backdraft Damper	264.85	23.38
23 33 13 23-0261	EA	32" x 16" Vertically Mounted Backdraft Damper	273.37	25.22
23 33 13 23-0262	EA	44" x 12" Vertically Mounted Backdraft Damper	290.35	28.79
23 33 13 23-0263	EA	20" x 28" Vertically Mounted Backdraft Damper	313.53	32.48
23 33 13 23-0264	EA	28" x 20" Vertically Mounted Backdraft Damper	324.35	36.04
23 33 13 23-0265	EA	40" x 14" Vertically Mounted Backdraft Damper	324.35	36.04
23 33 13 23-0266	EA	24" x 24" Vertically Mounted Backdraft Damper	341.36	39.62
23 33 13 23-0267	EA	32" x 18" Vertically Mounted Backdraft Damper	352.18	43.30
23 33 13 23-0268	EA	36" x 16" Vertically Mounted Backdraft Damper	363.01	46.87
23 33 13 23-0269	EA	48" x 12" Vertically Mounted Backdraft Damper	384.66	54.13
23 33 13 23-0270	EA	50" x 12" Vertically Mounted Backdraft Damper	393.93	54.13
23 33 13 23-0271	EA	44" x 14" Vertically Mounted Backdraft Damper	410.93	57.69
23 33 13 23-0272	EA	20" x 32" Vertically Mounted Backdraft Damper	431.01	61.27
23 33 13 23-0273	EA	32" x 20" Vertically Mounted Backdraft Damper	441.84	64.83
23 33 13 23-0274	EA	40" x 16" Vertically Mounted Backdraft Damper	441.84	64.83
23 33 13 23-0275	EA	36" x 18" Vertically Mounted Backdraft Damper	455.74	68.52
23 33 13 23-0276	EA	24" x 28" Vertically Mounted Backdraft Damper	466.55	68.52
23 33 13 23-0277	EA	28" x 24" Vertically Mounted Backdraft Damper	455.01	72.09
23 33 13 23-0278	EA	48" x 14" Vertically Mounted Backdraft Damper	455.01	72.09
23 33 13 23-0279	EA	50" x 14" Vertically Mounted Backdraft Damper	475.77	75.66
23 33 13 23-0280	EA	44" x 16" Vertically Mounted Backdraft Damper	309.41	19.80
23 33 13 23-0281	EA	20" x 36" Vertically Mounted Backdraft Damper	331.33	25.22
23 33 13 23-0282	EA	36" x 20" Vertically Mounted Backdraft Damper	342.15	28.79
23 33 13 23-0283	EA	40" x 18" Vertically Mounted Backdraft Damper	352.98	32.48
23 33 13 23-0284	EA	24" x 32" Vertically Mounted Backdraft Damper	380.83	36.04
23 33 13 23-0285	EA	32" x 24" Vertically Mounted Backdraft Damper	380.83	36.04
23 33 13 23-0286	EA	48" x 16" Vertically Mounted Backdraft Damper	391.66	39.62
23 33 13 23-0287	EA	28" x 28" Vertically Mounted Backdraft Damper	408.17	43.30
23 33 13 23-0288	EA	44" x 18" Vertically Mounted Backdraft Damper	421.83	46.87
23 33 13 23-0289	EA	40" x 20" Vertically Mounted Backdraft Damper	446.31	54.13
23 33 13 23-0290	EA	50" x 16" Vertically Mounted Backdraft Damper	446.31	54.13
23 33 13 23-0291	EA	24" x 36" Vertically Mounted Backdraft Damper	479.85	57.69
23 33 13 23-0292	EA	36" x 24" Vertically Mounted Backdraft Damper	490.68	61.27
23 33 13 23-0293	EA	48" x 18" Vertically Mounted Backdraft Damper	501.51	64.83
23 33 13 23-0294	EA	44" x 20" Vertically Mounted Backdraft Damper	518.02	68.52
23 33 13 23-0295	EA	28" x 32" Vertically Mounted Backdraft Damper	523.70	68.52
23 33 13 23-0296	EA	32" x 28" Vertically Mounted Backdraft Damper	534.52	72.09
23 33 13 23-0297	EA	50" x 18" Vertically Mounted Backdraft Damper	535.93	72.09
23 33 13 23-0298	EA	24" x 40" Vertically Mounted Backdraft Damper	568.04	75.66
23 33 13 23-0299	EA	40" x 24" Vertically Mounted Backdraft Damper	568.04	75.66
23 33 13 23-0300	EA	48" x 20" Vertically Mounted Backdraft Damper	568.04	75.66
23 33 13 23-0301	EA	50" x 20" Vertically Mounted Backdraft Damper	419.89	21.65
23 33 13 23-0302	EA	28" x 36" Vertically Mounted Backdraft Damper	438.95	27.06
23 33 13 23-0303	EA	36" x 28" Vertically Mounted Backdraft Damper	444.36	28.79
23 33 13 23-0304	EA	32" x 32" Vertically Mounted Backdraft Damper	460.87	32.48
23 33 13 23-0305	EA	24" x 44" Vertically Mounted Backdraft Damper	442.53	36.04
23 33 13 23-0306	EA	44" x 24" Vertically Mounted Backdraft Damper	453.36	39.62
23 33 13 23-0307	EA	28" x 40" Vertically Mounted Backdraft Damper	484.43	43.30
23 33 13 23-0308	EA	40" x 28" Vertically Mounted Backdraft Damper	495.26	46.87
23 33 13 23-0309	EA	24" x 48" Vertically Mounted Backdraft Damper	516.22	50.44
23 33 13 23-0310	EA	32" x 36" Vertically Mounted Backdraft Damper	527.05	54.13
23 33 13 23-0311	EA	36" x 32" Vertically Mounted Backdraft Damper	537.87	57.69
23 33 13 23-0312	EA	48" x 24" Vertically Mounted Backdraft Damper	548.70	61.27
23 33 13 23-0313	EA	50" x 24" Vertically Mounted Backdraft Damper	574.72	64.83
23 33 13 23-0314	EA	28" x 44" Vertically Mounted Backdraft Damper	595.66	68.52
23 33 13 23-0315	EA	44" x 28" Vertically Mounted Backdraft Damper	595.66	68.52
23 33 13 23-0316	EA	32" x 40" Vertically Mounted Backdraft Damper	621.69	72.09
23 33 13 23-0317	EA	40" x 32" Vertically Mounted Backdraft Damper	475.55	23.38
23 33 13 23-0318	EA	36" x 36" Vertically Mounted Backdraft Damper	496.85	28.79
23 33 13 23-0319	EA	28" x 48" Vertically Mounted Backdraft Damper	522.86	32.48
23 33 13 23-0320	EA	48" x 28" Vertically Mounted Backdraft Damper	533.68	36.04
23 33 13 23-0321	EA	50" x 28" Vertically Mounted Backdraft Damper	562.24	39.62
23 33 13 23-0322	EA	32" x 44" Vertically Mounted Backdraft Damper	575.60	43.30
23 33 13 23-0323	EA	44" x 32" Vertically Mounted Backdraft Damper	575.60	43.30
23 33 13 23-0324	EA	36" x 40" Vertically Mounted Backdraft Damper	597.82	46.87
23 33 13 23-0325	EA	40" x 36" Vertically Mounted Backdraft Damper	572.63	54.13
23 33 13 23-0326	EA	28" x 52" Vertically Mounted Backdraft Damper	588.00	57.69
23 33 13 23-0327	EA	32" x 48" Vertically Mounted Backdraft Damper	621.61	61.27
23 33 13 23-0328	EA	48" x 32" Vertically Mounted Backdraft Damper	632.44	64.83
23 33 13 23-0329	EA	28" x 56" Vertically Mounted Backdraft Damper	652.38	68.52
23 33 13 23-0330	EA	36" x 44" Vertically Mounted Backdraft Damper	656.96	68.52
23 33 13 23-0331	EA	44" x 36" Vertically Mounted Backdraft Damper	667.78	72.09
23 33 13 23-0332	EA	40" x 40" Vertically Mounted Backdraft Damper	672.32	72.09
23 33 13 23-0333	EA	50" x 32" Vertically Mounted Backdraft Damper	531.60	25.22
23 33 13 23-0334	EA	32" x 52" Vertically Mounted Backdraft Damper	560.66	28.79
23 33 13 23-0335	EA	28" x 60" Vertically Mounted Backdraft Damper	576.04	32.48
23 33 13 23-0336	EA	36" x 48" Vertically Mounted Backdraft Damper	600.55	36.04
23 33 13 23-0337	EA	48" x 36" Vertically Mounted Backdraft Damper	611.38	39.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0338	EA	40" x 44" Vertically Mounted Backdraft Damper	631.32	43.30
23 33 13 23-0339	EA	44" x 40" Vertically Mounted Backdraft Damper	642.15	46.87
23 33 13 23-0340	EA	32" x 56" Vertically Mounted Backdraft Damper	662.07	50.44
23 33 13 23-0341	EA	50" x 36" Vertically Mounted Backdraft Damper	618.20	54.13
23 33 13 23-0342	EA	36" x 52" Vertically Mounted Backdraft Damper	658.09	61.27
23 33 13 23-0343	EA	32" x 60" Vertically Mounted Backdraft Damper	681.08	64.83
23 33 13 23-0344	EA	40" x 48" Vertically Mounted Backdraft Damper	691.90	68.52
23 33 13 23-0345	EA	48" x 40" Vertically Mounted Backdraft Damper	691.90	68.52
23 33 13 23-0346	EA	44" x 44" Vertically Mounted Backdraft Damper	706.77	72.09
23 33 13 23-0347	EA	40" x 50" Vertically Mounted Backdraft Damper	733.80	75.66
23 33 13 23-0348	EA	50" x 40" Vertically Mounted Backdraft Damper	733.80	75.66
23 33 13 23-0349	EA	36" x 56" Vertically Mounted Backdraft Damper	586.30	25.22
23 33 13 23-0350	EA	32" x 64" Vertically Mounted Backdraft Damper	616.07	32.48
23 33 13 23-0351	EA	44" x 48" Vertically Mounted Backdraft Damper	643.10	36.04
23 33 13 23-0352	EA	48" x 44" Vertically Mounted Backdraft Damper	653.93	39.62
23 33 13 23-0353	EA	36" x 60" Vertically Mounted Backdraft Damper	676.90	43.30
23 33 13 23-0354	EA	32" x 68" Vertically Mounted Backdraft Damper	691.79	46.87
23 33 13 23-0355	EA	44" x 50" Vertically Mounted Backdraft Damper	639.04	50.44
23 33 13 23-0356	EA	50" x 44" Vertically Mounted Backdraft Damper	649.87	54.13
23 33 13 23-0357	EA	32" x 72" Vertically Mounted Backdraft Damper	683.72	57.69
23 33 13 23-0358	EA	36" x 64" Vertically Mounted Backdraft Damper	694.55	61.27
23 33 13 23-0359	EA	48" x 48" Vertically Mounted Backdraft Damper	705.38	64.83
23 33 13 23-0360	EA	48" x 50" Vertically Mounted Backdraft Damper	737.47	68.52
23 33 13 23-0361	EA	50" x 48" Vertically Mounted Backdraft Damper	748.29	72.09
23 33 13 23-0362	EA	36" x 68" Vertically Mounted Backdraft Damper	758.93	72.09
23 33 13 23-0363	EA	50" x 50" Vertically Mounted Backdraft Damper	781.28	75.66
23 33 13 23-0364	EA	36" x 72" Vertically Mounted Backdraft Damper	801.66	75.66
23 33 13 23-0365		Backdraft Damper Accessories *(23 33 13 23)*		
23 33 13 23-0366	EA	For Motor Pack For Horizontally Mounted Backdraft Damper	223.34	30.29
23 33 13 23-0367	EA	For Motor Pack For Vertically Mounted Backdraft Damper	372.74	30.29
23 33 13 33		**Splitter Damper Hardware** *(23 33 13)*		
23 33 13 33-0001	EA	Splitter Damper, Hardware	38.86	7.56
23 33 13 43		**Blower Check Valve** *(23 33 13)*		
23 33 13 43-0001		Blower Check Valves With Silicone Seals *(23 33 13 43)*		
23 33 13 43-0002	EA	2-1/2" Blower Check Valves, Silicone Seals	227.76	27.92
23 33 13 43-0003	EA	3" Blower Check Valves, Silicone Seals	254.41	31.82
23 33 13 43-0004	EA	4" Blower Check Valves, Silicone Seals	326.98	42.22
23 33 13 43-0005	EA	5" Blower Check Valves, Silicone Seals	450.33	48.71
23 33 13 43-0006	EA	6" Blower Check Valves, Silicone Seals	505.17	58.45
23 33 13 43-0007	EA	8" Blower Check Valves, Silicone Seals	750.97	74.04
23 33 13 43-0008		Blower Check Valves With Viton Seats *(23 33 13 43)*		
23 33 13 43-0009	EA	2-1/2" Blower Check Valves, Viton Seats	313.33	27.92
23 33 13 43-0010	EA	3" Blower Check Valves, Viton Seats	356.11	31.82
23 33 13 43-0011	EA	4" Blower Check Valves, Viton Seats	397.79	42.22
23 33 13 43-0012	EA	5" Blower Check Valves, Viton Seats	556.34	48.71
23 33 13 43-0013	EA	6" Blower Check Valves, Viton Seats	622.19	58.45
23 33 13 43-0014	EA	8" Blower Check Valves, Viton Seats	957.98	74.04
23 33 19		**Duct Silencers** *(23 33)*		
23 33 19 00-0001		36" Long Packaged Duct Sound Trap *(23 33 19)*		
23 33 19 00-0002	EA	12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	354.36	44.29
23 33 19 00-0003	EA	12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	427.46	50.77
23 33 19 00-0004	EA	12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	560.40	58.33
23 33 19 00-0005	EA	12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	685.75	65.89
23 33 19 00-0006	EA	24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	630.87	65.89
23 33 19 00-0007	EA	24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	817.00	69.13
23 33 19 00-0008	EA	24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	904.89	73.45
23 33 19 00-0009	EA	24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	994.93	77.77
23 33 19 00-0010	EA	24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,315.77	88.57
23 33 19 00-0011	EA	36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	808.02	73.45
23 33 19 00-0012	EA	36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,099.42	88.57
23 33 19 00-0013	EA	36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,975.74	118.81
23 33 19 00-0014	EA	36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,190.57	125.30
23 33 19 00-0015	EA	48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,448.46	135.02
23 33 19 00-0016	EA	48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,752.66	146.90
23 33 19 00-0017		60" Long Packaged Duct Sound Trap *(23 33 19)*		
23 33 19 00-0018	EA	12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	396.25	97.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 19 00-0019	EA	12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	479.26	112.33
23 33 19 00-0020	EA	12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	629.85	129.61
23 33 19 00-0021	EA	12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	770.88	145.82
23 33 19 00-0022	EA	24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	708.50	145.82
23 33 19 00-0023	EA	24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	921.41	154.46
23 33 19 00-0024	EA	24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,017.57	162.02
23 33 19 00-0025	EA	24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,115.35	170.66
23 33 19 00-0026	EA	24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,482.34	194.43
23 33 19 00-0027	EA	36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	907.49	162.02
23 33 19 00-0028	EA	36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,236.49	194.43
23 33 19 00-0029	EA	36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,217.92	255.99
23 33 19 00-0030	EA	36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,478.28	277.60
23 33 19 00-0031	EA	48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,757.80	294.88
23 33 19 00-0032	EA	48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	3,106.60	324.05
23 33 19 00-0033		84" Long Packaged Duct Sound Trap *(23 33 19)*		
23 33 19 00-0034	EA	6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	341.82	81.01
23 33 19 00-0035	EA	6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	591.62	120.98
23 33 19 00-0036	EA	6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	823.19	177.15
23 33 19 00-0037	EA	12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	465.97	97.22
23 33 19 00-0038	EA	12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	582.00	112.33
23 33 19 00-0039	EA	12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	798.65	129.61
23 33 19 00-0040	EA	12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	949.25	139.34
23 33 19 00-0041	EA	12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,036.66	150.14
23 33 19 00-0042	EA	12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,314.79	162.02
23 33 19 00-0043	EA	12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,560.74	177.15
23 33 19 00-0044	EA	24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	882.55	150.14
23 33 19 00-0045	EA	24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,278.65	156.62
23 33 19 00-0046	EA	24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,399.19	162.02
23 33 19 00-0047	EA	24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,526.32	170.66
23 33 19 00-0048	EA	24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,926.34	183.63
23 33 19 00-0049	EA	24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	2,091.46	194.43
23 33 23		**Turning Vanes** *(23 33)*		
23 33 23 00-0001		Duct Turning Vane Components *(23 33 23)*		
23 33 23 00-0002	LF	Duct Turning Vane Rail	11.99	2.70
		For Stainless Steel, Add	*8.31*	
23 33 23 00-0003	LF	Double Thick Factory Fabricated, Duct Turning Vane	11.85	1.08
		For Stainless Steel, Add	*12.49*	
23 33 23 00-0004		Duct Turning Vane Sets *(23 33 23)*		
		Note: Measured from inside corner to outside corner of ductwork.		
23 33 23 00-0005	LF	12" High Duct Turning Vanes, Sets	49.23	4.05
		For Stainless Steel, Add	*57.42*	
23 33 23 00-0006	LF	14" High Duct Turning Vanes, Sets	61.27	4.32
		For Stainless Steel, Add	*72.63*	
23 33 23 00-0007	LF	16" High Duct Turning Vanes, Sets	83.93	4.53
		For Stainless Steel, Add	*101.69*	
23 33 23 00-0008	LF	18" High Duct Turning Vanes, Sets	106.65	4.86
		For Stainless Steel, Add	*130.74*	
23 33 23 00-0009	LF	20" High Duct Turning Vanes, Sets	118.21	5.18
		For Stainless Steel, Add	*145.25*	
23 33 23 00-0010	LF	22" High Duct Turning Vanes, Sets	151.35	4.86
		For Stainless Steel, Add	*188.86*	
23 33 23 00-0011	LF	24" High Duct Turning Vanes, Sets	186.01	5.72
		For Stainless Steel, Add	*232.44*	
23 33 23 00-0012	LF	26" High Duct Turning Vanes, Sets	199.74	5.99
		For Stainless Steel, Add	*249.94*	
23 33 23 00-0013	LF	30" High Duct Turning Vanes, Sets	223.11	6.22
		For Stainless Steel, Add	*279.93*	
23 33 33		**Duct-Mounting Access Doors** *(23 33)*		
23 33 33 00-0001		Duct Access Doors, Insulated Factory Fabrication *(23 33 33)*		
23 33 33 00-0002	EA	6" x 6" Duct Access Doors Insulated Factory Fabrication	96.15	15.13
		For Stainless Steel, Add	*70.78*	
23 33 33 00-0003	EA	10" x 10" Duct Access Doors Insulated Factory Fabrication	103.59	15.13
		For Stainless Steel, Add	*85.66*	
23 33 33 00-0004	EA	12" x 12" Duct Access Doors Insulated Factory Fabrication	107.22	15.13
		For Stainless Steel, Add	*92.92*	
23 33 33 00-0005	EA	12" x 18" Duct Access Doors Insulated Factory Fabrication	140.29	18.36
		For Stainless Steel, Add	*131.02*	
23 33 33 00-0006	EA	16" x 12" Duct Access Doors Insulated Factory Fabrication	141.77	18.36
		For Stainless Steel, Add	*133.98*	
23 33 33 00-0007	EA	18" x 18" Duct Access Doors Insulated Factory Fabrication	174.31	24.84
		For Stainless Steel, Add	*154.18*	
23 33 33 00-0008	EA	24" x 18" Duct Access Doors Insulated Factory Fabrication	204.53	30.24
		For Stainless Steel, Add	*166.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 33 00-0009	EA	24" x 24" Duct Access Doors Insulated Factory Fabrication	263.95	41.04
		For Stainless Steel, Add	*203.86*	

23 33 43 Flexible Connectors *(23 33)*

23 33 43 00-0001	LF	6-1/2" Width, Galvanized Steel, Flexible Duct Connector	13.88	3.24
23 33 43 00-0002	LF	5-3/4" Width, Vinyl/Steel, Flexible Duct Connector	14.29	2.91

23 33 46 Flexible Ducts *(23 33)*

23 33 46 00-0001 Flexible Duct, R8.0 Insulated With Metallized Outer Jacket *(23 33 46)*

Note: Polyester inner liner encapsulating a corrosion resistant steel wire helix, supporting a blanket of fiberglass insulation over a fiberglass scrim and a bi-directional reinforced metallized outer vapor barrier jacket.

23 33 46 00-0002	LF	4" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	8.33	1.08
		For R6.0 Insulated Flexible Duct, Deduct	*-0.98*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.14*	
23 33 46 00-0003	LF	5" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	9.16	2.16
		For R6.0 Insulated Flexible Duct, Deduct	*-1.03*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.20*	
23 33 46 00-0004	LF	6" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	10.22	2.16
		For R6.0 Insulated Flexible Duct, Deduct	*-1.06*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.23*	
23 33 46 00-0005	LF	7" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	11.81	2.16
		For R6.0 Insulated Flexible Duct, Deduct	*-1.18*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.38*	
23 33 46 00-0006	LF	8" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	13.69	3.24
		For R6.0 Insulated Flexible Duct, Deduct	*-1.19*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.39*	
23 33 46 00-0007	LF	10" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	17.76	3.24
		For R6.0 Insulated Flexible Duct, Deduct	*-1.60*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.87*	
23 33 46 00-0008	LF	12" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	23.63	4.32
		For R6.0 Insulated Flexible Duct, Deduct	*-1.91*	
		For R4.2 Insulated Flexible Duct, Deduct	*-2.22*	
23 33 46 00-0009	LF	14" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	29.36	4.32
		For R6.0 Insulated Flexible Duct, Deduct	*-2.33*	
		For R4.2 Insulated Flexible Duct, Deduct	*-2.71*	
23 33 46 00-0010	LF	16" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	38.11	5.40
		For R6.0 Insulated Flexible Duct, Deduct	*-2.78*	
		For R4.2 Insulated Flexible Duct, Deduct	*-3.24*	
23 33 46 00-0011	LF	18" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	46.63	7.02
		For R6.0 Insulated Flexible Duct, Deduct	*-3.62*	
		For R4.2 Insulated Flexible Duct, Deduct	*-4.22*	
23 33 46 00-0012	LF	20" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	56.00	7.56
		For R6.0 Insulated Flexible Duct, Deduct	*-5.46*	
		For R4.2 Insulated Flexible Duct, Deduct	*-6.37*	

23 33 46 00-0013 Collars, Sheet Metal Spin-In Type With Damper *(23 33 46)*

23 33 46 00-0014	EA	Up To 4" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	48.61	6.48
		For Stainless Steel, Add	*31.59*	
23 33 46 00-0015	EA	5" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	52.39	7.56
		For Stainless Steel, Add	*32.01*	
23 33 46 00-0016	EA	6" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	59.56	7.56
		For Stainless Steel, Add	*35.30*	
23 33 46 00-0017	EA	7" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	66.91	9.72
		For Stainless Steel, Add	*36.43*	
23 33 46 00-0018	EA	8" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	80.25	11.88
		For Stainless Steel, Add	*41.15*	
23 33 46 00-0019	EA	10" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	94.57	14.04
		For Stainless Steel, Add	*50.73*	
23 33 46 00-0020	EA	12" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	106.85	16.20
		For Stainless Steel, Add	*54.65*	
23 33 46 00-0021	EA	14" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	127.17	18.36
		For Stainless Steel, Add	*68.43*	
23 33 46 00-0022	EA	16" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	138.60	20.53
		For Stainless Steel, Add	*74.87*	

23 33 53 Duct Liners *(23 33)*

23 33 53 00-0001 Fiberglass Duct Liner Board, Rigid, Acoustical Insulation *(23 33 53)*

23 33 53 00-0002	SF	1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	11.78	2.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 53 00-0003	SF	3/4" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	12.85	2.88
23 33 53 00-0004	SF	1" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	14.34	3.84
23 33 53 00-0005	SF	1-1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	17.63	3.84
23 33 53 00-0006	SF	2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	21.26	4.33
23 33 53 00-0007	SF	1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	11.59	3.24
23 33 53 00-0008	SF	3/4" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	12.65	3.24
23 33 53 00-0009	SF	1" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	14.16	4.32
23 33 53 00-0010	SF	1-1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	17.30	4.32
23 33 53 00-0011	SF	2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	20.94	4.86
23 33 53 00-0012		Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation *(23 33 53)*		
23 33 53 00-0013	SF	1/2", R2, 2 LB/CF, T200, Fiberglass Duct Liner Blanket	3.01	2.59
23 33 53 00-0014	SF	1", R3.8, 1.5 LB/CF, T150, Fiberglass Duct Liner Blanket	3.59	2.91
23 33 53 00-0015	SF	1", R4.1, 2 LB/CF, T200, Fiberglass Duct Liner Blanket	4.53	2.91
23 33 53 00-0016	SF	1", R4.3, 3 LB/CF, T300, Fiberglass Duct Liner Blanket	5.98	2.91
23 33 53 00-0017	SF	1-1/2", T150, 1.5 LB/CF, Fiberglass Duct Liner Blanket	4.88	3.24
23 33 53 00-0018	SF	2", R7.7, 1.5 LB/CF, T150 Fiberglass Duct Liner Blanket	5.18	3.57
23 33 53 00-0019	SF	2", R8, 2 LB/CF, T200 Fiberglass Duct Liner Blanket	8.32	3.57
23 33 56		**Duct Air Extractors** *(23 33)*		
23 33 56 00-0001	EA	12" x 4" Duct Air Extractor	52.01	17.83
		For Stainless Steel, Add	*21.28*	
23 33 56 00-0002	EA	8" x 6" Duct Air Extractor	55.26	19.44
		For Stainless Steel, Add	*21.28*	
23 33 56 00-0003	EA	12" x 6" Duct Air Extractor	63.69	20.53
		For Stainless Steel, Add	*29.45*	
23 33 56 00-0004	EA	16" x 6" Duct Air Extractor	71.94	21.61
		For Stainless Steel, Add	*37.36*	
23 33 56 00-0005	EA	24" x 6" Duct Air Extractor	94.97	23.76
		For Stainless Steel, Add	*61.69*	
23 33 56 00-0006	EA	12" x 8" Duct Air Extractor	68.59	21.61
		For Stainless Steel, Add	*33.01*	
23 33 56 00-0007	EA	20" x 8" Duct Air Extractor	90.75	27.01
		For Stainless Steel, Add	*47.78*	
23 33 56 00-0008	EA	18" x 10" Duct Air Extractor	97.66	30.78
		For Stainless Steel, Add	*46.92*	
23 33 56 00-0009	EA	24" x 10" Duct Air Extractor	119.15	36.18
		For Stainless Steel, Add	*60.81*	
23 33 56 00-0010	EA	24" x 12" Duct Air Extractor	136.53	43.20
		For Stainless Steel, Add	*65.16*	
23 33 56 00-0011	EA	30" x 12" Duct Air Extractor	170.84	54.00
		For Stainless Steel, Add	*81.67*	
23 33 59		**Duct Pressure Relief Doors** *(23 33)*		
23 33 59 00-0001		Duct Pressure Relief Doors *(23 33 59)*		
23 33 59 00-0002	EA	18" x 18" Duct Pressure Relief Door (Ruskin PRD18)	1,179.49	32.41
23 33 59 00-0003	EA	24" x 10" Duct Pressure Relief Door (Ruskin PRD18)	968.92	27.01
23 33 59 00-0004	EA	24" x 12" Duct Pressure Relief Door (Ruskin PRD18)	958.71	29.71
23 34		**HVAC Fans** *(23 30)*		
23 34 13		**Axial HVAC Fans** *(23 34)*		
23 34 13 00-0001		Tube-Axial Fans *(23 34 13)*		
23 34 13 00-0002		Direct Drive Tube-Axial Duct Fans *(23 34 13 00-0001)*		
23 34 13 00-0003	EA	12" Direct Drive Axial Flow Fan, 1/6 HP 1,060 CFM Constant Speed, 1/8" Static Pressure	1,773.98	332.03
		For 1/4" Static Pressure, Add	*88.74*	
		For 3/8" Static Pressure, Add	*177.48*	
		For 1/2" Static Pressure, Add	*244.04*	
23 34 13 00-0004	EA	12" Direct Drive Axial Flow Fan, 1/2 HP 2,095 CFM Constant Speed, 1/8" Static Pressure	1,853.21	333.02
		For 1/4" Static Pressure, Add	*95.08*	
		For 3/8" Static Pressure, Add	*190.16*	
		For 1/2" Static Pressure, Add	*261.47*	
23 34 13 00-0005	EA	16" Direct Drive Axial Flow Fan, 1/3 HP 2,490 CFM Constant Speed, 1/8" Static Pressure	2,011.68	332.03
		For 1/4" Static Pressure, Add	*107.76*	
		For 3/8" Static Pressure, Add	*215.51*	
		For 1/2" Static Pressure, Add	*296.33*	
23 34 13 00-0006	EA	20" Direct Drive Axial Flow Fan, 3/4 HP 4,130 CFM Constant Speed, 1/8" Static Pressure	2,170.14	333.02
		For 1/4" Static Pressure, Add	*120.43*	
		For 3/8" Static Pressure, Add	*240.87*	
		For 1/2" Static Pressure, Add	*331.19*	
23 34 13 00-0007	EA	22" Direct Drive Axial Flow Fan, 3/4 HP 4,700 CFM Constant Speed, 1/8" Static Pressure	2,540.79	398.84
		For 1/4" Static Pressure, Add	*139.45*	
		For 3/8" Static Pressure, Add	*278.90*	
		For 1/2" Static Pressure, Add	*383.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0008	EA	24" Direct Drive Axial Flow Fan, 1 HP 5,850 CFM Constant Speed, 1/8" Static Pressure	2,927.08	433.73
		For 1/4" Static Pressure, Add	*164.80*	
		For 3/8" Static Pressure, Add	*329.61*	
		For 1/2" Static Pressure, Add	*453.21*	
23 34 13 00-0009	EA	24" Direct Drive Axial Flow Fan, 1-1/2 HP 7,925 CFM Constant Speed, 1/8" Static Pressure	3,088.89	474.62
		For 1/4" Static Pressure, Add	*171.14*	
		For 3/8" Static Pressure, Add	*342.28*	
		For 1/2" Static Pressure, Add	*470.64*	
23 34 13 00-0010	EA	30" Direct Drive Axial Flow Fan, 1 HP 10,640 CFM Constant Speed, 1/8" Static Pressure	3,532.54	498.54
		For 1/4" Static Pressure, Add	*202.84*	
		For 3/8" Static Pressure, Add	*405.67*	
		For 1/2" Static Pressure, Add	*557.80*	
23 34 13 00-0011	EA	30" Direct Drive Axial Flow Fan, 2-1/2 HP 14,765 CFM Constant Speed, 1/8" Static Pressure	4,257.20	623.17
		For 1/4" Static Pressure, Add	*240.87*	
		For 3/8" Static Pressure, Add	*481.73*	
		For 1/2" Static Pressure, Add	*662.38*	
23 34 13 00-0012	EA	36" Direct Drive Axial Flow Fan, 2 HP 16,780 CFM Constant Speed, 1/8" Static Pressure	4,815.69	665.05
		For 1/4" Static Pressure, Add	*278.90*	
		For 3/8" Static Pressure, Add	*557.80*	
		For 1/2" Static Pressure, Add	*766.97*	
23 34 13 00-0013	EA	36" Direct Drive Axial Flow Fan, 5 HP 22,920 CFM Constant Speed, 1/8" Static Pressure	5,654.08	766.76
		For 1/4" Static Pressure, Add	*329.61*	
		For 3/8" Static Pressure, Add	*659.22*	
		For 1/2" Static Pressure, Add	*906.42*	
23 34 13 00-0014		**Belt Drive Tube-Axial Duct Fans** *(23 34 13 00-0001)*		
23 34 13 00-0015	EA	15" Belt Drive Axial Flow Fan, 1/3 HP 2,800 CFM Constant Speed, 1/8" Static Pressure	1,681.03	322.06
		For 1/4" Static Pressure, Add	*83.02*	
		For 3/8" Static Pressure, Add	*166.04*	
		For 1/2" Static Pressure, Add	*228.31*	
23 34 13 00-0016	EA	15" Belt Drive Axial Flow Fan, 1/2 HP 3,400 CFM Constant Speed, 1/8" Static Pressure	1,784.40	333.02
		For 1/4" Static Pressure, Add	*89.57*	
		For 3/8" Static Pressure, Add	*179.15*	
		For 1/2" Static Pressure, Add	*246.33*	
23 34 13 00-0017	EA	18" Belt Drive Axial Flow Fan, 1/3 HP 3,280 CFM Constant Speed, 1/8" Static Pressure	1,843.73	343.99
		For 1/4" Static Pressure, Add	*92.49*	
		For 3/8" Static Pressure, Add	*184.97*	
		For 1/2" Static Pressure, Add	*254.34*	
23 34 13 00-0018	EA	18" Belt Drive Axial Flow Fan, 1/2 HP 3,900 CFM Constant Speed, 1/8" Static Pressure	1,953.25	355.96
		For 1/4" Static Pressure, Add	*99.28*	
		For 3/8" Static Pressure, Add	*198.57*	
		For 1/2" Static Pressure, Add	*273.03*	
23 34 13 00-0019	EA	18" Belt Drive Axial Flow Fan, 1 HP 5,250 CFM Constant Speed, 1/8" Static Pressure	2,210.24	369.92
		For 1/4" Static Pressure, Add	*117.73*	
		For 3/8" Static Pressure, Add	*235.47*	
		For 1/2" Static Pressure, Add	*323.77*	
23 34 13 00-0020	EA	24" Belt Drive Axial Flow Fan, 1/2 HP 4,800 CFM Constant Speed, 1/8" Static Pressure	2,332.71	383.87
		For 1/4" Static Pressure, Add	*125.26*	
		For 3/8" Static Pressure, Add	*250.52*	
		For 1/2" Static Pressure, Add	*344.46*	
23 34 13 00-0021	EA	24" Belt Drive Axial Flow Fan, 1 HP 6,430 CFM Constant Speed, 1/8" Static Pressure	2,618.29	398.84
		For 1/4" Static Pressure, Add	*145.65*	
		For 3/8" Static Pressure, Add	*291.30*	
		For 1/2" Static Pressure, Add	*400.54*	
23 34 13 00-0022	EA	24" Belt Drive Axial Flow Fan, 2 HP 8,860 CFM Constant Speed, 1/8" Static Pressure	2,965.60	398.84
		For 1/4" Static Pressure, Add	*173.54*	
		For 3/8" Static Pressure, Add	*347.07*	
		For 1/2" Static Pressure, Add	*477.23*	
23 34 13 00-0023	EA	30" Belt Drive Axial Flow Fan, 1 HP 9,250 CFM Constant Speed, 1/8" Static Pressure	3,444.74	433.73
		For 1/4" Static Pressure, Add	*206.34*	
		For 3/8" Static Pressure, Add	*412.67*	
		For 1/2" Static Pressure, Add	*567.43*	
23 34 13 00-0024	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,900 CFM Constant Speed, 1/8" Static Pressure	4,081.71	525.47
		For 1/4" Static Pressure, Add	*242.75*	
		For 3/8" Static Pressure, Add	*485.50*	
		For 1/2" Static Pressure, Add	*667.56*	
23 34 13 00-0025	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,150 CFM Constant Speed, 1/8" Static Pressure	4,667.13	525.47
		For 1/4" Static Pressure, Add	*289.23*	
		For 3/8" Static Pressure, Add	*578.46*	
		For 1/2" Static Pressure, Add	*795.38*	
23 34 13 00-0026	EA	36" Belt Drive Axial Flow Fan, 3/4 HP 8,090 CFM Constant Speed, 1/8" Static Pressure	5,144.67	554.38
		For 1/4" Static Pressure, Add	*322.94*	
		For 3/8" Static Pressure, Add	*645.89*	
		For 1/2" Static Pressure, Add	*888.10*	
23 34 13 00-0027	EA	36" Belt Drive Axial Flow Fan, 2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure	5,624.68	586.29
		For 1/4" Static Pressure, Add	*356.35*	
		For 3/8" Static Pressure, Add	*712.70*	
		For 1/2" Static Pressure, Add	*979.97*	
23 34 13 00-0028	EA	36" Belt Drive Axial Flow Fan, 7-1/2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure	6,384.25	766.76
		For 1/4" Static Pressure, Add	*388.40*	
		For 3/8" Static Pressure, Add	*776.80*	
		For 1/2" Static Pressure, Add	*1,068.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0029	EA	36" Belt Drive Axial Flow Fan, 5 HP 20,080 CFM Constant Speed, 1/8" Static Pressure	7,313.82	767.76
		For 1/4" Static Pressure, Add	*462.76*	
		For 3/8" Static Pressure, Add	*925.53*	
		For 1/2" Static Pressure, Add	*1,272.60*	
23 34 13 00-0030	EA	42" Belt Drive Axial Flow Fan, 7-1/2 HP 29,000 CFM Constant Speed, 1/8" Static Pressure	8,251.49	906.14
		For 1/4" Static Pressure, Add	*515.61*	
		For 3/8" Static Pressure, Add	*1,031.23*	
		For 1/2" Static Pressure, Add	*1,417.94*	

23 34 16 Centrifugal HVAC Fans *(23 34)*

23 34 16 00-0001 Centrifugal Fans *(23 34 16)*
Note: All belt fans to be supplied with belt guard.

23 34 16 00-0002 Utility Backward Inclined Steel Wheel Centrifugal Fans *(23 34 16 00-0001)*
Note: V-belt driven.

23 34 16 00-0003 Industrial Type Utility Backward Centrifugal Fans *(23 34 16 00-0002)*
Note: Under 30" diameter wheel.

23 34 16 00-0004 12-1/4" Diameter Wheel 650 To 2,950 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0005	EA	1/6 HP, 12-1/4" Wheel, 450 To 1,750 CFM At 1/8" Static Pressure, Centrifugal Fan	1,192.03	219.06
23 34 16 00-0006	EA	1/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,720.70	227.33
23 34 16 00-0007	EA	1/3 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,769.86	181.17
23 34 16 00-0008	EA	1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,848.50	248.27
23 34 16 00-0009	EA	3/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,892.71	263.23
23 34 16 00-0010	EA	1 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,952.94	274.20
23 34 16 00-0011	EA	1-1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,012.72	292.15

23 34 16 00-0012 13-1/2" Diameter Wheel 734 To 3,343 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0013	EA	1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,986.68	239.30
23 34 16 00-0014	EA	1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,022.01	248.27
23 34 16 00-0015	EA	1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,087.91	263.23
23 34 16 00-0016	EA	3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,126.17	274.20
23 34 16 00-0017	EA	1 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,197.19	292.15
23 34 16 00-0018	EA	1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,268.32	306.11

23 34 16 00-0019 15" Diameter Wheel 1,258 To 4,146 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0020	EA	1/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,000.36	248.27
23 34 16 00-0021	EA	1/3 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,044.60	263.23
23 34 16 00-0022	EA	1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,104.52	274.20
23 34 16 00-0023	EA	3/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,153.87	292.15
23 34 16 00-0024	EA	1 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,217.80	306.11
23 34 16 00-0025	EA	1-1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,306.70	329.03
23 34 16 00-0026	EA	2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,376.25	345.99

23 34 16 00-0027 16-1/2" Diameter Wheel 977 To 4,711 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0028	EA	1/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,293.63	263.23
23 34 16 00-0029	EA	1/3 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,376.04	274.20
23 34 16 00-0030	EA	1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,466.55	292.15
23 34 16 00-0031	EA	3/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,513.66	306.11
23 34 16 00-0032	EA	1 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,574.94	329.03
23 34 16 00-0033	EA	1-1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,627.68	345.99
23 34 16 00-0034	EA	2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,919.30	375.90

23 34 16 00-0035 18-1/4" Diameter Wheel 2,193 To 6,498 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0036	EA	1/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,369.79	274.20
23 34 16 00-0037	EA	1/3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,424.55	292.15
23 34 16 00-0038	EA	1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,499.31	306.11
23 34 16 00-0039	EA	3/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,555.75	329.03
23 34 16 00-0040	EA	1 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,636.11	345.99
23 34 16 00-0041	EA	1-1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,756.90	375.90
23 34 16 00-0042	EA	2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,834.73	398.84
23 34 16 00-0043	EA	3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,949.92	438.72

23 34 16 00-0044 20" Diameter Wheel 2,412 To 7,364 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0045	EA	1/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,392.08	292.15
23 34 16 00-0046	EA	1/3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,466.81	306.11
23 34 16 00-0047	EA	1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,555.75	329.03
23 34 16 00-0048	EA	3/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,636.11	345.99
23 34 16 00-0049	EA	1 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,789.37	375.90
23 34 16 00-0050	EA	1-1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,006.41	398.84
23 34 16 00-0051	EA	2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,155.02	438.72
23 34 16 00-0052	EA	3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,310.78	469.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0053		22-1/4" Diameter Wheel 2,265 To 8,483 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0054	EA	1/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,881.87	306.11
23 34 16 00-0055	EA	1/3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,933.22	329.03
23 34 16 00-0056	EA	1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,006.04	345.99
23 34 16 00-0057	EA	3/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,096.15	375.90
23 34 16 00-0058	EA	1 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,218.18	398.84
23 34 16 00-0059	EA	1-1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,254.26	438.72
23 34 16 00-0060	EA	2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,332.44	469.63
23 34 16 00-0061	EA	3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,472.03	526.46
23 34 16 00-0062		24-1/2" Diameter Wheel 3,055 To 11,380 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0063	EA	1/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,472.46	329.03
23 34 16 00-0064	EA	1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,579.77	375.90
23 34 16 00-0065	EA	3/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,690.09	398.84
23 34 16 00-0066	EA	1 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,804.66	438.72
23 34 16 00-0067	EA	1-1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,906.28	469.63
23 34 16 00-0068	EA	2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,991.75	526.46
23 34 16 00-0069	EA	3 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,115.25	572.32
23 34 16 00-0070	EA	5 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,407.71	658.08
23 34 16 00-0071		27" Diameter Wheel 2,734 To 13,266 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0072	EA	1/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	3,850.58	345.99
23 34 16 00-0073	EA	1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	3,960.79	398.84
23 34 16 00-0074	EA	3/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,075.34	438.72
23 34 16 00-0075	EA	1 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,176.98	469.63
23 34 16 00-0076	EA	1-1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,316.57	526.46
23 34 16 00-0077	EA	2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,439.74	572.32
23 34 16 00-0078	EA	3 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,755.21	658.08
23 34 16 00-0079	EA	5 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,789.19	730.86
23 34 16 00-0080		Large Industrial Type Utility Backward Centrifugal Fans *(23 34 16 00-0002)* Note: Over 30" diameter wheel.		
23 34 16 00-0081		30" Diameter Wheel 4,926 To 17,456 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0082	EA	1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,401.71	438.72
23 34 16 00-0083	EA	3/4 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,499.07	469.63
23 34 16 00-0084	EA	1 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,648.35	526.46
23 34 16 00-0085	EA	1-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,782.34	572.32
23 34 16 00-0086	EA	2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,977.70	658.08
23 34 16 00-0087	EA	3 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,153.44	730.86
23 34 16 00-0088	EA	5 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,439.99	877.43
23 34 16 00-0089	EA	7-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,704.77	1,012.04
23 34 16 00-0090		33" Diameter Wheel 5,734 To 19,799 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0091	EA	1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,342.46	469.63
23 34 16 00-0092	EA	3/4 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,536.19	526.46
23 34 16 00-0093	EA	1 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,713.83	572.32
23 34 16 00-0094	EA	1-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,952.17	658.08
23 34 16 00-0095	EA	2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,171.23	730.86
23 34 16 00-0096	EA	3 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,501.07	877.43
23 34 16 00-0097	EA	5 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,873.69	1,012.04
23 34 16 00-0098	EA	7-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,382.35	1,316.15
23 34 16 00-0099		36-1/2" Diameter Wheel 5,388 To 22,500 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0100	EA	1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	6,765.75	526.46
23 34 16 00-0101	EA	3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	6,949.87	572.32
23 34 16 00-0102	EA	1 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,545.50	658.08
23 34 16 00-0103	EA	1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,944.31	730.86
23 34 16 00-0104	EA	2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,426.00	877.43
23 34 16 00-0105	EA	3 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,791.80	1,012.04
23 34 16 00-0106	EA	5 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	9,556.18	1,316.15
23 34 16 00-0107	EA	7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	10,184.07	1,645.19
23 34 16 00-0108		Kitchen System Fans *(23 34 16 00-0001)*		
23 34 16 00-0109		Upblast Kitchen Exhaust Fans *(23 34 16 00-0108)*		
23 34 16 00-0110		Direct Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)* Note: Greenheck CUE.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0111	EA	Up To 12" Wheel Diameter, 1/6 HP Direct Drive, Kitchen Upblast Exhaust Fan Note: 115V. For roof or wall installations. Includes disconnect switch.	1,208.65	129.62
		For Bird Screen, Add	*53.79*	
		For Backdraft Damper, Add	*131.19*	
		For Damper Motor, Add	*212.62*	
23 34 16 00-0112	EA	14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan Note: 115V. For roof or wall installations. Includes disconnect switch.	1,422.34	129.62
		For Bird Screen, Add	*53.79*	
		For Backdraft Damper, Add	*131.19*	
		For Damper Motor, Add	*212.62*	
23 34 16 00-0113		**Belt Drive Kitchen Upblast Exhaust Fans** *(23 34 16 00-0109)* Note: Greenheck CUBE.		
23 34 16 00-0114	EA	10" Diameter Wheel, Up To 1/3 HP, 1,458 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,097.35	129.62
		For Bird Screen, Add	*53.79*	
		For Wall Mounted Fan, Add	*83.89*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*156.24*	
		For Backdraft Damper, Add	*131.19*	
		For Damper Motor, Add	*212.62*	
23 34 16 00-0115	EA	12" Diameter Wheel, 1/2 HP, 1,923 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,190.09	129.62
		For Bird Screen, Add	*53.79*	
		For Wall Mounted Fan, Add	*87.60*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*164.12*	
		For Backdraft Damper, Add	*131.19*	
		For Damper Motor, Add	*212.62*	
23 34 16 00-0116	EA	14" Diameter Wheel, 1/3 HP, 2,006 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,871.99	149.57
		For Bird Screen, Add	*61.21*	
		For Wall Mounted Fan, Add	*74.88*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*133.69*	
		For Backdraft Damper, Add	*148.93*	
		For Damper Motor, Add	*212.62*	
23 34 16 00-0117	EA	14" Diameter Wheel, 1 HP, 2,757 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,005.54	149.57
		For Bird Screen, Add	*61.21*	
		For Wall Mounted Fan, Add	*80.22*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*145.05*	
		For Backdraft Damper, Add	*148.93*	
		For Damper Motor, Add	*212.62*	
23 34 16 00-0118	EA	16" Diameter Wheel, 1/2 HP, 2,940 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,552.48	174.49
		For Bird Screen, Add	*61.21*	
		For Wall Mounted Fan, Add	*102.10*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*187.30*	
		For Backdraft Damper, Add	*148.93*	
		For Damper Motor, Add	*212.62*	
23 34 16 00-0119	EA	16" Diameter Wheel, 1 HP, 3,129 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,695.30	174.49
		For Bird Screen, Add	*61.21*	
		For Wall Mounted Fan, Add	*107.81*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*199.44*	
		For Backdraft Damper, Add	*148.93*	
		For Damper Motor, Add	*212.62*	
23 34 16 00-0120	EA	18" Diameter Wheel, 1/2 HP , 3,243 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,937.23	186.96
		For Bird Screen, Add	*102.01*	
		For Wall Mounted Fan, Add	*117.49*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*217.88*	
		For Backdraft Damper, Add	*185.76*	
		For Damper Motor, Add	*212.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0121	EA	18" Diameter Wheel, 1 HP , 4,223 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,159.81	186.96
		For Bird Screen, Add	*102.01*	
		For Wall Mounted Fan, Add	*126.39*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*236.80*	
		For Backdraft Damper, Add	*185.76*	
		For Damper Motor, Add	*212.62*	
23 34 16 00-0122	EA	20" Diameter Wheel, 3/4 HP, 4,438 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,210.72	199.42
		For Bird Screen, Add	*102.01*	
		For Wall Mounted Fan, Add	*128.43*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*239.01*	
		For Backdraft Damper, Add	*185.76*	
		For Damper Motor, Add	*212.62*	
23 34 16 00-0123	EA	20" Diameter Wheel, 2 HP, 6,450 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,524.18	199.42
		For Bird Screen, Add	*102.01*	
		For Wall Mounted Fan, Add	*140.97*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*265.65*	
		For Backdraft Damper, Add	*185.76*	
		For Damper Motor, Add	*212.62*	
23 34 16 00-0124	EA	24" Diameter Wheel, 3/4 HP, 5,460 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	4,059.99	224.35
		For Bird Screen, Add	*120.56*	
		For Wall Mounted Fan, Add	*162.40*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*306.96*	
		For Backdraft Damper, Add	*201.37*	
		For Damper Motor, Add	*212.62*	
23 34 16 00-0125	EA	24" Diameter Wheel, 2 HP, 7,985 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	4,347.48	224.35
		For Bird Screen, Add	*120.56*	
		For Wall Mounted Fan, Add	*173.90*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*331.40*	
		For Backdraft Damper, Add	*201.37*	
		For Damper Motor, Add	*212.62*	
23 34 16 00-0126	EA	30" Diameter Wheel, 3/4 HP, 7,771 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	5,155.94	249.27
		For Bird Screen, Add	*129.84*	
		For Wall Mounted Fan, Add	*206.24*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*395.88*	
		For Backdraft Damper, Add	*223.34*	
		For Damper Motor, Add	*212.62*	
23 34 16 00-0127	EA	30" Diameter Wheel, 2 HP, 10,192 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	5,250.54	249.27
		For Bird Screen, Add	*129.84*	
		For Wall Mounted Fan, Add	*210.02*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*403.92*	
		For Backdraft Damper, Add	*223.34*	
		For Damper Motor, Add	*212.62*	
23 34 16 00-0128	EA	30" Diameter Wheel, 3 HP, 11,903 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	5,730.93	249.27
		For Bird Screen, Add	*129.84*	
		For Wall Mounted Fan, Add	*229.24*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*444.75*	
		For Backdraft Damper, Add	*223.34*	
		For Damper Motor, Add	*212.62*	
23 34 16 00-0129	EA	30" Diameter Wheel, 5 HP, 14,266 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	5,962.78	249.27
		For Bird Screen, Add	*129.84*	
		For Wall Mounted Fan, Add	*238.51*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*464.46*	
		For Backdraft Damper, Add	*223.34*	
		For Damper Motor, Add	*212.62*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0130	EA	36" Diameter Wheel, 3 HP , 14,769 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	6,565.65	274.20
		For Bird Screen, Add	*148.38*	
		For Wall Mounted Fan, Add	*262.63*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*511.47*	
		For Damper Motor, Add	*212.62*	
		For Backdraft Damper, Add	*262.59*	
23 34 16 00-0131	EA	36" Diameter Wheel, 5 HP , 17,884 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	6,832.28	274.20
		For Bird Screen, Add	*148.38*	
		For Wall Mounted Fan, Add	*273.29*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*534.13*	
		For Damper Motor, Add	*212.62*	
		For Backdraft Damper, Add	*262.59*	
23 34 16 00-0132	EA	42" Diameter Wheel, 3 HP , 17,316 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	6,889.61	299.12
		For Bird Screen, Add	*148.38*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*534.77*	
		For Damper Motor, Add	*212.62*	
		For Backdraft Damper, Add	*304.81*	
23 34 16 00-0133	EA	42" Diameter Wheel, 7-1/2 HP , 24,604 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	7,474.98	299.12
		For Bird Screen, Add	*148.38*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*584.53*	
		For Damper Motor, Add	*212.62*	
		For Backdraft Damper, Add	*304.81*	
23 34 16 00-0134		Untempered Kitchen Make-Up Air Fans *(23 34 16 00-0108)* Note: Roof mounted with downblast discharge, weatherhood and filter.		
23 34 16 00-0135		Direct Drive Kitchen Make-Up Air Fans *(23 34 16 00-0134)*		
23 34 16 00-0136	EA	7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,405.91	129.62
		For Extended Weatherhood, Add	*236.79*	
23 34 16 00-0137	EA	8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,478.50	129.62
		For Extended Weatherhood, Add	*247.67*	
23 34 16 00-0138	EA	9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,567.59	129.62
		For Extended Weatherhood, Add	*261.04*	
23 34 16 00-0139		Belt Drive Kitchen Make-Up Air Fans *(23 34 16 00-0134)*		
23 34 16 00-0140	EA	9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,602.14	129.62
		For Extended Weatherhood, Add	*266.22*	
23 34 16 00-0141	EA	10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,790.85	174.49
		For Extended Weatherhood, Add	*303.52*	
23 34 16 00-0142	EA	12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,160.90	199.42
		For Extended Weatherhood, Add	*364.02*	
23 34 16 00-0143	EA	15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,501.72	249.27
		For Extended Weatherhood, Add	*425.11*	
23 34 16 00-0144	EA	18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	3,027.99	299.12
		For Extended Weatherhood, Add	*514.02*	
23 34 16 00-0145		Replacement Parts *(23 34 16 00-0001)*		
23 34 16 00-0146		Replace Belts And Accessories *(23 34 16 00-0145)*		
23 34 16 00-0147	EA	Fan Shaft Bearing, Replacement	805.47	356.67
23 34 16 00-0148	EA	Fan Belt, Replacement	133.65	48.37
23 34 16 00-0149		Corrosive Fume Resistant Plastic *(23 34 16 00-0001)*		
23 34 16 00-0150		Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure *(23 34 16 00-0149)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0151	EA	250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	6,005.58	179.84
		For Explosion Proof Motor, Add	*846.89*	
23 34 16 00-0152	EA	895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	6,517.89	216.03
		For Explosion Proof Motor, Add	*912.88*	
23 34 16 00-0153	EA	1,630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	7,725.76	270.04
		For Explosion Proof Motor, Add	*1,077.85*	
23 34 16 00-0154	EA	2,240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	8,272.84	360.23
		For Explosion Proof Motor, Add	*1,132.85*	
23 34 16 00-0155	EA	3,810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	9,439.01	540.07
		For Explosion Proof Motor, Add	*1,253.83*	
23 34 16 00-0156	EA	11,760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	16,238.39	1,080.14
		For Explosion Proof Motor, Add	*2,111.72*	
23 34 16 00-0157	EA	18,810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	23,691.97	1,544.07
		For Explosion Proof Motor, Add	*3,090.58*	
23 34 16 00-0158		**Utility Set, Centrifugal, Belt Drive** *(23 34 16 00-0149)*		
23 34 16 00-0159	EA	1,200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,005.58	179.84
		For Explosion Proof Motor, Add	*846.89*	
23 34 16 00-0160	EA	1,520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,151.28	216.03
		For Explosion Proof Motor, Add	*857.88*	
23 34 16 00-0161	EA	1,850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,259.30	270.04
		For Explosion Proof Motor, Add	*857.88*	
23 34 16 00-0162	EA	2,180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,439.76	360.23
		For Explosion Proof Motor, Add	*857.88*	
23 34 16 00-0163	EA	3,600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	8,852.42	540.07
		For Explosion Proof Motor, Add	*1,165.84*	
23 34 16 00-0164	EA	4,250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	9,122.47	675.09
		For Explosion Proof Motor, Add	*1,165.84*	
23 34 16 00-0165	EA	4,800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	9,317.31	772.52
		For Explosion Proof Motor, Add	*1,165.84*	
23 34 16 00-0166	EA	6,920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	9,539.15	810.11
		For Explosion Proof Motor, Add	*1,187.84*	
23 34 16 00-0167	EA	7,700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	9,792.50	900.08
		For Explosion Proof Motor, Add	*1,198.84*	
23 34 16 00-0168		**In-Line Duct Fans** *(23 34 16 00-0001)*		
23 34 16 00-0169		**Direct Drive In-Line Duct Fans** *(23 34 16 00-0168)*		
		Note: Greenheck SQ.		
23 34 16 00-0170	EA	Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In Line Duct Fan	1,423.29	129.62
		Note: 115V. Includes disconnect switch.		
23 34 16 00-0171	EA	13" Wheel Diameter, 1/6 HP Direct Drive, In Line Duct Fan	1,822.38	139.60
		Note: 115V. Includes disconnect switch.		
23 34 16 00-0172	EA	14" Wheel Diameter, 1/3 HP Direct Drive, In Line Duct Fan	1,998.82	149.57
		Note: 115V. Includes disconnect switch.		
23 34 16 00-0173		**Belt Drive In-Line Duct Fans** *(23 34 16 00-0168)*		
		Note: Greenheck BSQ.		
23 34 16 00-0174	EA	Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan	2,089.35	149.57
		Note: 115/208-230/60/1. Includes disconnect switch.		
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0175	EA	13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan	2,401.02	174.49
		Note: 115/208-230/60/1. Includes disconnect switch.		
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0176	EA	13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In Line Duct Fan	2,703.17	174.49
		Note: 115/208-230/60/1. Includes disconnect switch.		
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0177	EA	13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan	2,960.03	174.49
		Note: 115/208-230/60/1. Includes disconnect switch.		
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0178	EA	16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In Line Duct Fan	2,879.00	199.42
		Note: 115/208-230/60/1. Includes disconnect switch.		
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0179	EA	16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan	3,314.01	199.42
		Note: 115/208-230/60/1. Includes disconnect switch.		
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0180	EA	24" Wheel Diameter, 1 HP Belt Drive, In Line Duct Fan	4,217.79	249.27
		Note: 115/208-230/60/1. Includes disconnect switch.		
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0181	EA	24" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan	4,457.93	249.27
		Note: 230/460/60/3. Includes disconnect switch.		
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0182	EA	24" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan	4,627.21	249.27
		Note: Belt drive. 230/460/60/3. Includes disconnect switch.		
		For Totally Enclosed Motor, Add	*85.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0183	EA	30 Or 36" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	5,350.00	299.12
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0184	EA	30 Or 36" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	5,552.05	299.12
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0185	EA	30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	5,800.35	299.12
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0186		**In-Line Cabinet Fans** *(23 34 16 00-0001)*		
23 34 16 00-0187	EA	950 CFM, 80 Watt, Direct Drive In-Line Cabinet Fan	425.76	87.24
23 34 16 00-0188	EA	1,050 CFM, 129 Watt, Direct Drive In-Line Cabinet Fan	452.21	87.24
23 34 16 00-0189	EA	1,100 CFM, 173 Watt, Direct Drive In-Line Cabinet Fan	488.11	87.24
23 34 16 00-0190	EA	950 CFM, 48.7 Watt, Direct Drive In-Line Cabinet Fan	486.22	87.24
23 34 16 00-0191	EA	1,100 CFM, 52.5 Watt, Direct Drive In-Line Cabinet Fan	486.22	87.24
23 34 16 00-0192	EA	1,400 CFM, 100 Watt, Direct Drive In-Line Cabinet Fan	542.90	87.24
23 34 16 00-0193	EA	900 CFM, 48.2 Watt, Direct Drive In-Line Cabinet Fan	654.89	92.23
23 34 16 00-0194	EA	1,000 CFM, 82.7 Watt, Direct Drive In-Line Cabinet Fan	554.76	92.23
23 34 16 00-0195	EA	1,050 CFM, 80.7 Watt, Direct Drive In-Line Cabinet Fan	592.54	92.23
23 34 16 00-0196	EA	1,350 CFM, 140 Watt, Direct Drive In-Line Cabinet Fan	617.10	92.23
23 34 16 00-0197	EA	1,000 CFM, 135 Watt, Direct Drive In-Line Cabinet Fan	645.44	92.23
23 34 16 00-0198	EA	1,070 CFM, 217 Watt, Direct Drive In-Line Cabinet Fan	645.44	92.23
23 34 16 00-0199	EA	1,100 CFM, 350 Watt, Direct Drive In-Line Cabinet Fan	1,065.38	97.21
23 34 16 00-0200	EA	1,080 CFM, 325 Watt, Direct Drive In-Line Cabinet Fan	893.46	97.21
23 34 16 00-0201	EA	1,600 CFM, 405 Watt, Direct Drive In-Line Cabinet Fan	893.46	97.21
23 34 16 00-0202	EA	950 CFM, 328 Watt, Direct Drive In-Line Cabinet Fan	1,216.52	97.21
23 34 16 00-0203	EA	1,095 CFM, 455 Watt, Direct Drive In-Line Cabinet Fan	1,216.52	97.21
23 34 16 00-0204	EA	1,450 CFM, 822 Watt, Direct Drive In-Line Cabinet Fan	1,216.52	97.21
23 34 16 00-0205	EA	1,640 CFM, 830 Watt, Direct Drive In-Line Cabinet Fan	1,522.97	97.21
23 34 16 00-0206		**Bathroom Exhaust Fan, Low Profile** *(23 34 16 00-0001)*		
23 34 16 00-0207	EA	35 To 89 CFM, Ceiling Mounted, Low Profile, Bathroom Exhaust Fan (Greenheck SP-B70)	270.21	48.46
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0208	EA	46 To 94 CFM, Ceiling Mounted, Low Profile, Bathroom Exhaust Fan (Greenheck SP-B80)	270.21	48.46
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0209	EA	50 To 133 CFM, Ceiling Mounted, Low Profile, Bathroom Exhaust Fan (Greenheck SP-B110)	290.59	48.46
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0210		**Centrifugal Upblast Exhaust Fan** *(23 34 16 00-0001)*		
23 34 16 00-0211	EA	65 To 133 CFM, Direct Drive, 1/10 HP, Centrifugal Roof Exhaust Fan (Greenheck CUE-060-VG)	1,356.50	219.06
23 34 16 00-0212	EA	143 To 250 CFM, Direct Drive, 1/10 HP, Centrifugal Roof Exhaust Fan (Greenheck CUE-070-VG)	1,445.55	219.06
23 34 16 00-0213	EA	133 To 325 CFM, Direct Drive, 1/10 HP, Centrifugal Roof Exhaust Fan (Greenheck CUE-080-VG)	1,492.60	227.33
23 34 16 00-0214	EA	204 To 549 CFM, Direct Drive, 1/10 HP, Centrifugal Roof Exhaust Fan (Greenheck CUE-090-VG)	1,550.04	227.33
23 34 16 00-0215		**Centrifugal In-Line Fans** *(23 34 16 00-0001)*		
23 34 16 00-0216	EA	419 To 766 CFM, Direct Drive In-Line Exhaust Fan (Greenheck CSP-A700)	911.52	97.21
23 34 16 00-0217		**Propeller And Ceiling Fans** *(23 34 16)*		
23 34 16 00-0218		**Direct Drive, Sidewall Propeller Exhaust Fan** *(23 34 16 00-0217)* Note: Greenheck SE1.		
23 34 16 00-0219	EA	1/25 HP, 307 CFM At 1/8" Static Pressure, 8" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard.	637.13	106.69
		For Backdraft Damper, Add	*150.96*	
		For Wall Mount Collar, Add	*251.22*	
23 34 16 00-0220	EA	1/12 HP, 763 CFM At 1/8" Static Pressure, 10" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard.	674.03	118.66
		For Backdraft Damper, Add	*162.32*	
		For Wall Mount Collar, Add	*251.22*	
23 34 16 00-0221	EA	1/8 HP, 1,149 CFM At 1/8" Static Pressure, 12" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard.	746.33	131.61
		For Backdraft Damper, Add	*177.91*	
		For Wall Mount Collar, Add	*257.78*	
23 34 16 00-0222	EA	1/6 HP, 1,350 CFM At 1/8" Static Pressure, 14" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,097.99	145.57
		For Backdraft Damper, Add	*212.63*	
		For Wall Mount Collar, Add	*262.48*	
		For Motor Side Guard, Add	*217.71*	
23 34 16 00-0223	EA	1/6 HP, 2,012 CFM At 1/8" Static Pressure, 16" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,016.30	161.53
		For Backdraft Damper, Add	*212.63*	
		For Wall Mount Collar, Add	*269.04*	
		For Motor Side Guard, Add	*231.69*	
23 34 16 00-0224	EA	1/4 HP, 2,908 CFM At 1/8" Static Pressure, 18" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,142.15	179.48
		For Backdraft Damper, Add	*257.96*	
		For Wall Mount Collar, Add	*275.60*	
		For Motor Side Guard, Add	*245.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0225	EA	1/3 HP, 3,974 CFM At 1/8" Static Pressure, 20" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,303.01	199.42
		For Backdraft Damper, Add	*257.96*	
		For Wall Mount Collar, Add	*280.31*	
		For Motor Side Guard, Add	*265.21*	
23 34 16 00-0226		**Belt Drive Propeller Exhaust Fans** *(23 34 16 00-0217)*		
		Note: Wall shutter 1/8" static pressure, with birdscreen.		
23 34 16 00-0227	EA	24" Propeller Exhaust Fan, V-Belt Drive, 5,795 CFM, 1/2 HP, With Wall Shutter	2,333.12	285.17
23 34 16 00-0228	EA	30" Propeller Exhaust Fan, V-Belt Drive, 9,060 CFM, 3/4 HP, With Wall Shutter	2,670.44	332.03
23 34 16 00-0229	EA	36" Propeller Exhaust Fan, V-Belt Drive, 11,850 CFM, 1 HP, With Wall Shutter	3,023.30	398.84
23 34 16 00-0230	EA	42" Propeller Exhaust Fan, V-Belt Drive, 17,400 CFM, 1-1/2 HP, With Wall Shutter	4,225.23	498.54
23 34 16 00-0231	EA	48" Propeller Exhaust Fan, V-Belt Drive, 19,870 CFM, 1-1/2 HP, With Wall Shutter	5,021.28	665.05
23 34 16 00-0232	EA	54" Propeller Exhaust Fan, V-Belt Drive, 26,000 CFM, 2 HP, With Wall Shutter	6,954.11	997.09
23 34 16 00-0233	EA	60" Propeller Exhaust Fan, V-Belt Drive, 35,120 CFM, 3 HP, With Wall Shutter	8,324.48	1,278.26
23 34 16 00-0234		**Propeller Exhaust Fan Accessories** *(23 34 16 00-0217)*		
23 34 16 00-0235	SF	Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening)	119.16	
23 34 16 00-0236	SF	Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening)	275.82	
23 34 16 00-0237		**Reversible Ceiling Fans** *(23 34 16 00-0217)*		
23 34 16 00-0238		**4 Blade Ceiling Fans** *(23 34 16 00-0237)*		
23 34 16 00-0239	EA	42" 4-Blade Ceiling Fan, Three Speed	564.36	59.97
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*26.00*	
23 34 16 00-0240		**5 Blade Ceiling Fans** *(23 34 16 00-0237)*		
23 34 16 00-0241	EA	42" 5-Blade Ceiling Fan, Three Speed	617.68	148.41
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*26.06*	
23 34 16 00-0242	EA	52" 5-Blade Ceiling Fan, Three Speed	705.32	148.41
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*26.18*	
23 34 16 00-0243		**3 Blade Weatherproof Ceiling Fans** *(23 34 16 00-0237)*		
23 34 16 00-0244	EA	3-Blade Ceiling Fan, Weatherproof, Three Speed	558.56	49.36
23 34 16 00-0245		**Ceiling Fan Down Rod** *(23 34 16 00-0237)*		
23 34 16 00-0246	EA	1' Ceiling Fan Down Rod	22.64	
23 34 16 00-0247	EA	1-1/2' Ceiling Fan Down Rod	29.78	
23 34 16 00-0248	EA	2' Ceiling Fan Down Rod	33.34	
23 34 16 00-0249	EA	3' Ceiling Fan Down Rod	44.81	
23 34 16 00-0250	EA	4' Ceiling Fan Down Rod	52.39	
23 34 16 00-0251	EA	5' Ceiling Fan Down Rod	64.40	
23 34 16 00-0252	EA	6' Ceiling Fan Down Rod	80.58	
23 34 16 00-0253		**Exhaust Fans** *(23 34 16)*		
23 34 16 00-0254		**Exhaust Fans** *(23 34 16 00-0253)*		
		Note: Excludes ducting.		
23 34 16 00-0255		**Light Duty Exhaust Fans** *(23 34 16 00-0254)*		
23 34 16 00-0256		**Light Duty Exhaust Fans** *(23 34 16 00-0255)*		
23 34 16 00-0257	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 670)	148.08	48.46
23 34 16 00-0258	EA	70 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 671)	156.62	48.46
23 34 16 00-0259	EA	180 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 505)	259.19	48.46
23 34 16 00-0260	EA	350 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 504)	327.78	48.46
23 34 16 00-0261	EA	160 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 503)	292.95	48.46
23 34 16 00-0262	EA	270 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 502)	390.35	48.46
23 34 16 00-0263		**Light Duty Exhaust Fans With Lights** *(23 34 16 00-0255)*		
23 34 16 00-0264	EA	50 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 678)	193.77	48.46
23 34 16 00-0265	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 679)	215.17	48.46
23 34 16 00-0266	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 680)	403.42	48.46
23 34 16 00-0267		**Light Duty Exhaust Fans With Heaters** *(23 34 16 00-0255)*		
23 34 16 00-0268	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater Bulb (Broan® 162)	198.41	48.46
23 34 16 00-0269	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater (Broan® 658)	315.78	48.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0270		**Light Duty Exhaust Fans With Heaters And Lights** *(23 34 16 00-0255)*		
23 34 16 00-0271	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 655)	336.13	48.46
23 34 16 00-0272	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 100HL)	510.82	48.46
23 34 16 00-0273		**Heavy Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0254)*		
23 34 16 00-0274		**Heavy Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0273)*		
		Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0275	EA	50 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50)	230.73	48.46
23 34 16 00-0276	EA	80 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80)	255.26	48.46
23 34 16 00-0277	EA	109 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L100MG)	467.59	48.46
23 34 16 00-0278	EA	157 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L150MG)	478.96	48.46
23 34 16 00-0279	EA	210 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L200MG)	514.34	48.46
23 34 16 00-0280	EA	259 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L250MG)	536.95	48.46
23 34 16 00-0281	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300MG)	545.71	48.46
23 34 16 00-0282	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400)	624.70	48.46
23 34 16 00-0283	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500)	711.82	48.46
23 34 16 00-0284	EA	701 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L700)	761.44	48.46
23 34 16 00-0285	EA	901 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L900)	906.41	48.46
23 34 16 00-0286	EA	1,513 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L1500)	1,164.64	48.46
23 34 16 00-0287		**Heavy Duty/Continuous Operation Kitchen Exhaust Fans** *(23 34 16 00-0273)*		
		Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0288	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300KMG)	485.58	48.46
23 34 16 00-0289	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400K)	705.30	48.46
23 34 16 00-0290	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500K)	745.99	48.46
23 34 16 00-0291		**Heavy Duty/Continuous Operation Exhaust Fans With Lights** *(23 34 16 00-0273)*		
23 34 16 00-0292	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD50L)	250.82	48.46
23 34 16 00-0293	EA	80 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD80L)	273.86	48.46
23 34 16 00-0294		**Fire Rated, Heavy Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0273)*		
23 34 16 00-0295	EA	50 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50RDF)	260.94	48.46
23 34 16 00-0296	EA	80 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80RDF)	276.19	48.46
23 34 16 00-0297	EA	110 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® 110RDF)	283.55	48.46
23 34 16 00-0298		**Low Sound, Direct Drive, Centrifugal Ceiling Exhaust Fans** *(23 34 16 00-0254)*		
23 34 16 00-0299	EA	900 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A900)	1,250.36	48.46
23 34 16 00-0300	EA	1050 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1050)	1,250.36	48.46
23 34 16 00-0301	EA	1410 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1410)	1,250.36	48.46
23 34 16 00-0302	EA	1550 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1550)	1,372.20	48.46
23 34 16 00-0303		**Room-To-Room Exhaust Fans** *(23 34 16 00-0254)*		
23 34 16 00-0304	EA	90 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 512)	188.01	48.46
23 34 16 00-0305	EA	180 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 511)	312.59	48.46
23 34 16 00-0306	EA	380 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 510)	357.98	48.46
23 34 16 00-0307		**Through-Wall Exhaust Fans** *(23 34 16 00-0254)*		
23 34 16 00-0308	EA	250 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 507)	334.25	48.46
23 34 16 00-0309	EA	470 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 506)	396.82	48.46
23 34 16 00-0310	EA	180 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 509)	291.23	48.46
23 34 16 00-0311	EA	270 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 508)	390.35	48.46

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0312	EA	360 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan With Motorized Door (Broan® 12C)	683.77	48.46
23 34 16 00-0313		**Exhaust Fan Accessories** *(23 34 16 00-0254)*		
23 34 16 00-0314		**Exhaust Fan Controls** *(23 34 16 00-0313)*		
23 34 16 00-0315	EA	Electronic Variable Speed Control Dial, Single Gang, Exhaust Fan Controls (Broan® 57)	183.55	30.29
23 34 16 00-0316	EA	60-Minute Time Control Dial, Single Gang, Exhaust Fan Controls (Broan® 59)	128.21	30.29
23 34 16 00-0317	EA	60-Minute Time Control Dial With Rocker Switch, Double Gang, Exhaust Fan Controls (Broan® 61)	129.53	30.29
23 34 16 00-0318		**Roof And Wall Caps For Exhaust Fans** *(23 34 16 00-0313)*		
23 34 16 00-0319		**Wall Caps For Exhaust Fans** *(23 34 16 00-0318)*		
23 34 16 00-0320	EA	Aluminum Wall Cap For Up To 12" Duct, Installed On Exterior Walls (Broan® 613)	279.18	54.13
23 34 16 00-0321	EA	Aluminum Wall Cap For Up To 18" Duct, Installed On Exterior Walls (Broan® 643)	283.54	54.13
23 34 16 00-0322		**Roof Caps For Exhaust Fans** *(23 34 16 00-0318)* Note: Includes flashing and built in bird screen.		
23 34 16 00-0323	EA	Aluminum Roof Cap For Up To 8" Duct, Installed On Flat Roofs (Broan® 611)	234.22	54.13
23 34 16 00-0324	EA	Aluminum Roof Cap For Up To 12" Duct, Installed On Flat Roofs (Broan® 612)	347.36	54.13
23 34 16 00-0325	EA	CRCQ Steel Roof Cap For Up To 4" Duct, Installed On Sloped Roofs (Broan® 636)	147.25	54.13
23 34 16 00-0326	EA	CRCQ Steel Roof Cap For Up To 8" Duct, Installed On Sloped Roofs (Broan® 634)	181.19	54.13
23 34 16 00-0327		**Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan** *(23 34 16 00-0254)* Note: Includes storage and cleaning.		
23 34 16 00-0328	EA	Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan	74.78	
23 34 23		**HVAC Power Ventilators** *(23 34)*		
23 34 23 00-0001		**Power Roof Ventilators** *(23 34 23)*		
23 34 23 00-0002		**Direct Drive, Aluminum, Centrifugal Roof Exhausters** *(23 34 23 00-0001)* Note: Greenheck G.		
23 34 23 00-0003	EA	1/25 HP, 310 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster Note: Three speed motor.	615.06	142.58
		For 12" Roof Curb, Add	*192.44*	
		For Backdraft Damper, Add	*121.97*	
		For Solid State Speed Control, Add	*101.09*	
		For Damper Motor, Add	*212.62*	
23 34 23 00-0004	EA	1/8 HP, 863 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster Note: Three speed motor.	674.05	161.53
		For 12" Roof Curb, Add	*192.44*	
		For Backdraft Damper, Add	*121.97*	
		For Solid State Speed Control, Add	*101.09*	
		For Damper Motor, Add	*212.62*	
23 34 23 00-0005	EA	1/6 HP, 1,213 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	975.31	188.45
		For 12" Roof Curb, Add	*198.00*	
		For Backdraft Damper, Add	*131.19*	
		For Solid State Speed Control, Add	*101.09*	
		For Damper Motor, Add	*212.62*	
23 34 23 00-0006	EA	1/4 HP, 1,374 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,003.01	212.38
		For 12" Roof Curb, Add	*198.00*	
		For Backdraft Damper, Add	*131.19*	
		For Solid State Speed Control, Add	*101.09*	
		For Damper Motor, Add	*212.62*	
23 34 23 00-0007	EA	1/3 HP, 1,905 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,293.81	234.32
		For Solid State Speed Control, Add	*101.09*	
		For Damper Motor, Add	*212.62*	
23 34 23 00-0008	EA	1/2 HP, 3,072 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,467.06	249.27
		For 12" Roof Curb, Add	*207.28*	
		For Backdraft Damper, Add	*148.93*	
		For Solid State Speed Control, Add	*158.59*	
		For Damper Motor, Add	*212.62*	
23 34 23 00-0009		**Belt Drive, Aluminum, Centrifugal Roof Exhausters** *(23 34 23 00-0001)* Note: Greenheck GB.		
23 34 23 00-0010	EA	1/4 HP, 1,556 CFM At 1/4" Static Pressure, 19" x 19" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,411.85	212.38
		For 12" Roof Curb, Add	*198.00*	
		For Backdraft Damper, Add	*131.19*	
		For Damper Motor, Add	*212.62*	
23 34 23 00-0011	EA	1/3 HP, 1,966 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,542.39	270.21
		For 12" Roof Curb, Add	*207.28*	
		For Backdraft Damper, Add	*148.93*	
		For Damper Motor, Add	*212.62*	
23 34 23 00-0012	EA	1/2 HP, 2,943 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,104.23	322.06
		For 12" Roof Curb, Add	*207.28*	
		For Backdraft Damper, Add	*148.93*	
		For Damper Motor, Add	*212.62*	

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23 34 23 00-0013	EA	3/4 HP, 4,289 CFM At 1/4" Static Pressure, 30" x 30" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,688.22	398.84
		For 12" Roof Curb, Add	*251.79*	
		For Backdraft Damper, Add	*185.76*	
		For Damper Motor, Add	*212.62*	
23 34 23 00-0014	EA	1 HP, 6,157 CFM At 1/4" Static Pressure, 34" x 34" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	3,556.07	498.54
		For 12" Roof Curb, Add	*272.20*	
		For Backdraft Damper, Add	*201.37*	
		For Damper Motor, Add	*212.62*	
23 34 23 00-0015	EA	1-1/2 HP, 8,906 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	5,180.39	623.17
		For 12" Roof Curb, Add	*303.73*	
		For Backdraft Damper, Add	*223.34*	
		For Damper Motor, Add	*212.62*	
23 34 23 00-0016	EA	2 HP, 10,059 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	5,224.91	623.17
		For 12" Roof Curb, Add	*303.73*	
		For Backdraft Damper, Add	*223.34*	
		For Damper Motor, Add	*212.62*	
23 34 23 00-0017	EA	3 HP, 11,703 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	5,705.30	623.17
		For 12" Roof Curb, Add	*303.73*	
		For Backdraft Damper, Add	*223.34*	
		For Damper Motor, Add	*212.62*	
23 34 23 00-0018	EA	5 HP, 13,897 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	5,168.59	623.17
		For 12" Roof Curb, Add	*303.73*	
		For Backdraft Damper, Add	*223.34*	
		For Damper Motor, Add	*212.62*	
23 34 23 00-0019		**Propeller Exhaust Fans, Roof Mounted Upblast** *(23 34 23 00-0001)*		
		Note: Includes back draft damper and birdscreen and curb.		
23 34 23 00-0020	EA	30,300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure	7,982.44	766.76
23 34 23 00-0021	EA	36,000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure	13,180.38	996.79
23 34 23 00-0022		**Belt Drive Supply Fans** *(23 34 23 00-0001)*		
23 34 23 00-0023	EA	4,500 CFM, 24" x 24" Supply Fan, Roof Mounted	3,117.77	398.14
23 34 23 00-0024	EA	10,000 CFM, 36" x 36" Supply Fan, Roof Mounted	4,228.84	498.44
23 34 23 00-0025		**Fan Thermostat** *(23 34 23 00-0001)*		
23 34 23 00-0026	EA	50 To 120 Degree Line Voltage Fan Thermostat	142.15	
23 34 23 00-0027		**Power Wall Ventilators** *(23 34 23)*		
23 34 23 00-0028		**Centrifugal Sidewall Exhausters** *(23 34 23 00-0027)*		
23 34 23 00-0029		**Direct Drive, Aluminum, Centrifugal Sidewall Exhauster** *(23 34 23 00-0028)*		
		Note: Greenheck CW.		
23 34 23 00-0030	EA	1/25 HP, 297 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	797.77	160.53
		For Solid State Speed Control, Add	*158.59*	
		For Backdraft Damper, Add	*167.21*	
		For Damper Motor, Add	*362.02*	
		For Interior Wall Grill, Add	*121.26*	
23 34 23 00-0031	EA	1/8 HP, 861 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	914.41	188.45
		For Solid State Speed Control, Add	*158.59*	
		For Backdraft Damper, Add	*184.93*	
		For Damper Motor, Add	*362.02*	
		For Interior Wall Grill, Add	*144.52*	
23 34 23 00-0032	EA	1/6 HP, 1,179 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	1,387.40	212.38
		For Solid State Speed Control, Add	*158.59*	
		For Backdraft Damper, Add	*209.04*	
		For Damper Motor, Add	*362.02*	
		For Interior Wall Grill, Add	*167.77*	
23 34 23 00-0033		**Belt Drive, Aluminum, Centrifugal Sidewall Exhausters** *(23 34 23 00-0028)*		
		Note: Greenheck CWB.		
23 34 23 00-0034	EA	1/4 HP, 1,633 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,270.81	119.90
		For Solid State Speed Control, Add	*158.59*	
		For Backdraft Damper, Add	*194.02*	
		For Damper Motor, Add	*362.02*	
		For Interior Wall Grill, Add	*255.94*	
23 34 23 00-0035	EA	1/2 HP, 2,291 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,397.50	135.02
		For Solid State Speed Control, Add	*158.59*	
		For Backdraft Damper, Add	*194.02*	
		For Damper Motor, Add	*362.02*	
		For Interior Wall Grill, Add	*255.94*	
23 34 23 00-0036	EA	3/4 HP, 3,646 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,946.46	154.46
		For Solid State Speed Control, Add	*158.59*	
		For Backdraft Damper, Add	*243.05*	
		For Damper Motor, Add	*362.02*	
		For Interior Wall Grill, Add	*297.74*	

23 34 33 Air Curtains *(23 34)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0001		Unheated Air Curtains For Entrances *(23 34 33)*		
23 34 33 00-0002		Unheated Air Curtains, Standard Velocity *(23 34 33 00-0001)*		
23 34 33 00-0003	EA	Air Curtain For 3' x 8' - 10' Personnel Entrance, Unheated	2,218.45	730.86
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*525.95*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*390.71*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*601.09*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0004	EA	Air Curtain For 3.5' x 8' - 10' Personnel Entrance, Unheated	2,251.11	730.86
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*525.95*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*390.71*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*601.09*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0005	EA	Air Curtain For 4' x 8' - 10' Personnel Entrance, Unheated	2,286.50	730.86
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*525.95*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*390.71*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*601.09*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0006	EA	Air Curtain For 5' x 8' - 10' Personnel Entrance, Unheated	2,871.73	730.86
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*525.95*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*390.71*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*601.09*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0007	EA	Air Curtain For 6' x 8' - 10' Personnel Entrance, Unheated	3,251.18	877.43
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*525.95*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*390.71*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*601.09*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0008	EA	Air Curtain For 7' x 8' - 10' Personnel Entrance, Unheated	3,455.33	877.43
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*525.95*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*390.71*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*601.09*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0009	EA	Air Curtain For 8' x 8' - 10' Personnel Entrance, Unheated	3,823.18	1,012.04
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*525.95*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*390.71*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*601.09*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0010	EA	Air Curtain For 9' x 8' - 10' Personnel Entrance, Unheated	4,638.42	1,012.04
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*525.95*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*390.71*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*601.09*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0011	EA	Air Curtain For 10' x 8' - 10' Personnel Entrance, Unheated	4,741.86	1,012.04
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*525.95*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*390.71*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*601.09*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0012	EA	Air Curtain For 12' x 8' - 10' Personnel Entrance, Unheated	5,016.78	1,012.04
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*525.95*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*390.71*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*601.09*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	

23 34 33 00-0013 Unheated Air Curtains, High Velocity *(23 34 33 00-0001)*

23 34 33 00-0014	EA	High Velocity Air Curtain For 3' x 10' - 12' Entrance, Unheated	2,760.12	730.86
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*317.25*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0015	EA	High Velocity Air Curtain For 3.5' x 10' - 12' Entrance, Unheated	2,802.31	730.86
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*317.25*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0016	EA	High Velocity Air Curtain For 4' x 10' - 12' Entrance, Unheated	2,820.01	730.86
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*317.25*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0017	EA	High Velocity Air Curtain For 5' x 10' - 12' Entrance, Unheated	2,854.03	730.86
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*317.25*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0018	EA	High Velocity Air Curtain For 6' x 10' - 12' Entrance, Unheated	4,492.41	877.43
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*317.25*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0019	EA	High Velocity Air Curtain For 7' x 10' - 12' Entrance, Unheated	4,702.01	877.43
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*317.25*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0020	EA	High Velocity Air Curtain For 8' x 10' - 12' Entrance, Unheated	4,992.28	1,012.04
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*317.25*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0021	EA	High Velocity Air Curtain For 9' x 10' - 12' Entrance, Unheated	5,717.69	1,012.04
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*317.25*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0022	EA	High Velocity Air Curtain For 10' x 10' - 12' Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	5,793.91	1,012.04
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*317.25*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0023	EA	High Velocity Air Curtain For 12' x 10' - 12' Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	6,090.61	1,012.04
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*317.25*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0024		**Service Window Unheated Air Curtains** *(23 34 33 00-0001)* Note: Normal window sizes.		
23 34 33 00-0025	EA	Air Curtain For 2.5' x 5' Service Window, Unheated Note: Includes housing, mounting brackets and manual controls.	2,012.41	576.32
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0026		**Heated Air Curtains For Entrances** *(23 34 33)* Note: Includes housing, mounting brackets and manual controls.		
23 34 33 00-0027	EA	60" Heated Air Curtain With 1- 300 MBH Heater	3,769.27	643.62
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0028	EA	60" Heated Air Curtain With 1- 400 MBH Heater	4,100.16	643.62
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0029	EA	72" Heated Air Curtain With 1- 350 MBH Heater	4,522.48	772.25
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0030	EA	72" Heated Air Curtain With 2- 250 MBH Heaters	4,919.55	772.25
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0031	EA	96" Heated Air Curtain With 1- 400 MBH Heater	6,029.12	1,029.49
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0032	EA	96" Heated Air Curtain With 2- 350 MBH Heaters	6,558.55	1,029.49
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0033	EA	117" Heated Air Curtain With 2- 300 MBH Heaters	7,347.09	1,254.33
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0034	EA	117" Heated Air Curtain With 2- 400 MBH Heaters	7,992.33	1,254.33
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0035	EA	147" Heated Air Curtain With 2- 350 MBH Heaters	9,231.51	1,575.89
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0036	EA	147" Heated Air Curtain With 3- 350 MBH Heaters	10,836.35	1,575.89
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0037	EA	168" Heated Air Curtain With 2- 400 MBH Heaters	10,550.96	1,801.23
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0038	EA	168" Heated Air Curtain With 3- 400 MBH Heaters	12,384.66	1,801.23
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0039	EA	192" Heated Air Curtain With 2- 400 MBH Heaters	12,054.84	2,058.47
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	
23 34 33 00-0040	EA	192" Heated Air Curtain With 4- 350 MBH Heaters	14,150.50	2,058.47
		For Door Limit Switch, Combination Roller And Plunger, Add	*193.21*	
		For Flat Side Extension Plates, Add	*158.62*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*317.25*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*380.70*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*401.85*	

23 35 Special Exhaust Systems *(23 30)*

See CSI section 23 31 13 16-0075 for spiral duct/piping.

23 35 13 Dust Collection Systems *(23 35)*

23 35 13 13 Sawdust Collection Systems *(23 35 13)*

23 35 13 13-0001 Dust Collector System *(23 35 13 13)*

23 35 13 13-0002	EA	1.5 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	4,175.76	864.12
23 35 13 13-0003	EA	2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	4,668.89	1,026.14
23 35 13 13-0004	EA	2-1/2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	5,619.29	1,188.16
23 35 13 13-0005	EA	3 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	6,398.64	1,404.19
23 35 13 13-0006	EA	5 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	13,811.78	1,615.10
23 35 13 13-0007	EA	7-1/2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	16,771.07	1,884.29
23 35 13 13-0008	EA	10 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	19,211.59	2,153.48
23 35 13 13-0009	EA	15 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	21,592.12	2,476.50
23 35 13 13-0010	EA	20 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	24,086.94	2,799.52

23 35 13 13-0011 Vacuum Tubing And Accessories *(23 35 13 13)*

23 35 13 13-0012 Vacuum Tubing *(23 35 13 13-0011)*

23 35 13 13-0013 Flexible Hose *(23 35 13 13-0012)*

23 35 13 13-0014	LF	2" Flexible Hose	11.94	1.79
23 35 13 13-0015	LF	3" Flexible Hose	14.34	2.00
23 35 13 13-0016	LF	4" Flexible Hose	15.56	2.20

23 35 13 13-0017 Galvanized Vacuum Tubing *(23 35 13 13-0012)*

23 35 13 13-0018	LF	2-1/8" Outside Diameter Vacuum Tubing, Galvanized	9.87	1.79
23 35 13 13-0019	LF	2-1/2" Outside Diameter Vacuum Tubing, Galvanized	11.07	1.90
23 35 13 13-0020	LF	3" Outside Diameter Vacuum Tubing, Galvanized	13.22	2.00
23 35 13 13-0021	LF	3-1/2" Outside Diameter Vacuum Tubing, Galvanized	17.28	2.10
23 35 13 13-0022	LF	4" Outside Diameter Vacuum Tubing, Galvanized	17.77	2.20
23 35 13 13-0023	LF	5" Outside Diameter Vacuum Tubing, Galvanized	29.57	2.49
23 35 13 13-0024	LF	6" Outside Diameter Vacuum Tubing, Galvanized	33.32	2.89
23 35 13 13-0025	LF	8" Outside Diameter Vacuum Tubing, Galvanized	45.05	3.99
23 35 13 13-0026	LF	10" Outside Diameter Vacuum Tubing, Galvanized	52.73	4.99
23 35 13 13-0027	LF	12" Outside Diameter Vacuum Tubing, Galvanized	132.23	6.58

23 35 13 13-0028 Vacuum Fittings, Galvanized *(23 35 13 13-0011)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 13 13-0029		**90 Degree Elbow** *(23 35 13 13-0028)*		
23 35 13 13-0030	EA	2-1/8" 90 Degree Elbow, Vacuum Tubing, Galvanized	49.28	11.46
23 35 13 13-0031	EA	2-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	61.19	12.27
23 35 13 13-0032	EA	3" 90 Degree Elbow, Vacuum Tubing, Galvanized	76.53	13.36
23 35 13 13-0033	EA	3-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	90.44	14.46
23 35 13 13-0034	EA	4" 90 Degree Elbow, Vacuum Tubing, Galvanized	107.91	15.95
23 35 13 13-0035	EA	5" 90 Degree Elbow, Vacuum Tubing, Galvanized	179.42	17.74
23 35 13 13-0036	EA	6" 90 Degree Elbow, Vacuum Tubing, Galvanized	238.58	19.94
23 35 13 13-0037	EA	8" 90 Degree Elbow, Vacuum Tubing, Galvanized	429.32	26.62
23 35 13 13-0038		**45 Degree Elbow** *(23 35 13 13-0028)*		
23 35 13 13-0039	EA	2-1/8" 45 Degree Elbow, Vacuum Tubing, Galvanized	46.07	11.46
23 35 13 13-0040	EA	2-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	58.55	12.27
23 35 13 13-0041	EA	3" 45 Degree Elbow, Vacuum Tubing, Galvanized	67.67	13.36
23 35 13 13-0042	EA	3-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	80.45	14.46
23 35 13 13-0043	EA	4" 45 Degree Elbow, Vacuum Tubing, Galvanized	98.67	15.95
23 35 13 13-0044	EA	5" 45 Degree Elbow, Vacuum Tubing, Galvanized	147.37	17.74
23 35 13 13-0045	EA	6" 45 Degree Elbow, Vacuum Tubing, Galvanized	191.45	19.94
23 35 13 13-0046	EA	8" 45 Degree Elbow, Vacuum Tubing, Galvanized	350.13	26.62
23 35 13 13-0047		**Wye** *(23 35 13 13-0028)*		
23 35 13 13-0048	EA	2-1/8" Wye, Vacuum Tubing, Galvanized	89.59	18.94
23 35 13 13-0049	EA	2-1/2" Wye, Vacuum Tubing, Galvanized	107.84	20.44
23 35 13 13-0050	EA	3" Wye, Vacuum Tubing, Galvanized	131.84	21.94
23 35 13 13-0051	EA	3-1/2" Wye, Vacuum Tubing, Galvanized	160.47	24.43
23 35 13 13-0052	EA	4" Wye, Vacuum Tubing, Galvanized	214.38	26.42
23 35 13 13-0053	EA	5" Wye, Vacuum Tubing, Galvanized	363.73	29.42
23 35 13 13-0054	EA	6" Wye, Vacuum Tubing, Galvanized	482.50	33.40
23 35 13 13-0055	EA	8" Wye, Vacuum Tubing, Galvanized	956.19	36.39
23 35 13 13-0056	EA	10" Wye, Vacuum Tubing, Galvanized	1,325.26	39.88
23 35 13 13-0057	EA	12" Wye, Vacuum Tubing, Galvanized	1,674.74	44.67
23 35 13 13-0058		**Reducer** *(23 35 13 13-0028)*		
23 35 13 13-0059	EA	3" Reducer, Vacuum Tubing, Galvanized	50.69	13.36
23 35 13 13-0060	EA	4" Reducer, Vacuum Tubing, Galvanized	56.40	14.46
23 35 13 13-0061	EA	5" Reducer, Vacuum Tubing, Galvanized	71.49	15.95
23 35 13 13-0062	EA	6" Reducer, Vacuum Tubing, Galvanized	77.07	17.74
23 35 13 13-0063	EA	8" Reducer, Vacuum Tubing, Galvanized	90.25	19.94
23 35 13 13-0064		**Air Gate Valve, Galvanized** *(23 35 13 13-0011)*		
23 35 13 13-0065	EA	2-1/8" Air Gate Valve, Vacuum Tubing, Galvanized	357.82	26.62
23 35 13 13-0066	EA	2-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	374.75	28.42
23 35 13 13-0067	EA	3" Air Gate Valve, Vacuum Tubing, Galvanized	430.71	30.61
23 35 13 13-0068	EA	3-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	491.05	32.70
23 35 13 13-0069	EA	4" Air Gate Valve, Vacuum Tubing, Galvanized	553.73	34.70
23 35 13 13-0070	EA	5" Air Gate Valve, Vacuum Tubing, Galvanized	654.04	39.59
23 35 13 13-0071	EA	6" Air Gate Valve, Vacuum Tubing, Galvanized	753.49	44.37
23 35 16		**Engine Exhaust Systems** *(23 35)*		
23 35 16 16		**Mechanical Engine Exhaust Systems** *(23 35 16)*		
23 35 16 16-0001		**Overhead Tailpipe Exhaust System** *(23 35 16 16)*		
23 35 16 16-0002		**Overhead Tailpipe Exhaust Blowers** *(23 35 16 16-0001)*		
23 35 16 16-0003		**Overhead Direct Drive Tailpipe Exhaust Blowers** *(23 35 16 16-0002)*		
23 35 16 16-0004	EA	495 CFM 1/3 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	3,537.31	212.38
23 35 16 16-0005	EA	1,445 CFM 3/4 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	4,035.86	433.73
23 35 16 16-0006	EA	1,840 CFM 1-1/2 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	5,641.41	525.47
23 35 16 16-0007		**Overhead Belt Drive Tailpipe Exhaust Blowers** *(23 35 16 16-0002)*		
23 35 16 16-0008	EA	1,400 CFM 1 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	3,920.29	433.73
23 35 16 16-0009	EA	2,023 CFM 1-1/2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	4,156.80	525.47
23 35 16 16-0010	EA	2,750 CFM 2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	4,913.26	831.56
23 35 16 16-0011	EA	4,400 CFM 3 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	5,995.92	1,072.86
23 35 16 16-0012	EA	7,060 CFM 5 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	7,600.96	1,278.26
23 35 16 16-0013		**Spiral Exhaust Duct Accessories** *(23 35 16 16-0001)*		
23 35 16 16-0014		**Flex Hose x Length** *(23 35 16 16-0013)*		
		Note: Includes duct coupler, damper and tailpipe adapter.		
23 35 16 16-0015	EA	3" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	151.83	52.85
23 35 16 16-0016	EA	3" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	130.43	52.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 16 16-0017	EA	4" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	233.10	83.76
23 35 16 16-0018	EA	4" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	197.34	83.76
23 35 16 16-0019	EA	5" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	332.04	132.61
23 35 16 16-0020	EA	5" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	319.24	132.61
23 35 16 16-0021	EA	6" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	508.05	210.39
23 35 16 16-0022	EA	6" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	481.13	210.39
23 35 16 16-0023		Flex Hose With Duct Coupler, Damper And Diesel Exhaust Adapter *(23 35 16 16-0013)*		
23 35 16 16-0024	EA	4" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	168.90	52.85
23 35 16 16-0025	EA	5" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	245.56	83.76
23 35 16 16-0026	EA	4" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	144.25	52.85
23 35 16 16-0027	EA	5" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	208.99	83.76
23 35 16 16-0028	EA	6" x 25' High Pressure, Stainless Steel Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	1,299.21	71.19
23 35 16 16-0029	EA	8" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter	1,141.86	130.61
23 35 16 16-0030	EA	10" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter	1,257.77	130.61
23 35 16 16-0031	LF	8" Heat-Resistant Fabric Flex Hose (650 Degree F.)	60.71	10.17
23 35 16 16-0032	LF	10" Heat-Resistant Fabric Flex Hose (650 Degree F.)	67.83	10.17
23 35 16 16-0033		Flexible Hose *(23 35 16 16-0013)*		
23 35 16 16-0034	LF	3" Stainless Steel Flexible Tubing	38.70	2.49
23 35 16 16-0035	LF	4" Stainless Steel Flexible Tubing	49.35	2.79
23 35 16 16-0036	LF	5" Stainless Steel Flexible Tubing	58.75	2.89
23 35 16 16-0037	LF	6" Stainless Steel Flexible Tubing	69.43	3.09
23 35 16 16-0038	LF	3" Galvanized Flexible Tubing	23.17	2.49
23 35 16 16-0039	LF	4" Galvanized Flexible Tubing	27.25	2.79
23 35 16 16-0040	LF	5" Galvanized Flexible Tubing	31.36	2.89
23 35 16 16-0041	LF	6" Galvanized Flexible Tubing	35.05	3.09
23 35 16 16-0042		Accessories *(23 35 16 16-0001)*		
23 35 16 16-0043	EA	3" Tail Pipe Adapter	50.34	7.48
23 35 16 16-0044	EA	4" Tail Pipe Adapter	51.75	7.48
23 35 16 16-0045	EA	5" Tail Pipe Adapter	55.16	8.48
23 35 16 16-0046	EA	3" Bullnose (Guide)	28.05	4.99
23 35 16 16-0047	EA	4" Bullnose (Guide)	29.84	5.48
23 35 16 16-0048	EA	5" Bullnose (Guide)	31.86	5.98
23 35 16 16-0049	EA	Flex-Hose Winch And Associated Hardware	208.28	56.54
23 35 16 16-0050	LF	Flex-Hose Winch Cable, 1/8" Galvanized Wire Rope	0.12	
23 35 19		**Fume Exhaust Systems** *(23 35)*		
23 35 19 00-0001	EA	Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle	2,420.34	398.53
23 35 19 00-0002	EA	Hose Extension Kit 5'	376.52	88.54
23 36		**Air Terminal Units** *(23 30)*		
23 36 13		**Constant-Air-Volume Units** *(23 36)*		
23 36 13 00-0001		Vertical Units, With Electric Heating Coils *(23 36 13)*		
23 36 13 00-0002	EA	60 CFM Vertical Induction Unit, With Electric Heating Coils	1,666.11	141.05
23 36 13 00-0003	EA	90 CFM Vertical Induction Unit, With Electric Heating Coils	2,007.26	151.90
23 36 13 00-0004	EA	120 CFM Vertical Induction Unit, With Electric Heating Coils	2,142.25	157.33
23 36 13 00-0005	EA	150 CFM Vertical Induction Unit, With Electric Heating Coils	2,288.12	168.18
23 36 13 00-0006	EA	175 CFM Vertical Induction Unit, With Electric Heating Coils	2,583.75	173.60
23 36 13 00-0007		Horizontal Units, With Electric Heating Coils *(23 36 13)*		
23 36 13 00-0008	EA	60 CFM Horizontal Induction Unit, With Electric Heating Coils	1,410.67	141.05
23 36 13 00-0009	EA	90 CFM Horizontal Induction Unit, With Electric Heating Coils	1,687.82	151.90
23 36 13 00-0010	EA	120 CFM Horizontal Induction Unit, With Electric Heating Coils	2,017.42	160.04
23 36 13 00-0011		Duct Boxes, Constant Volume Control *(23 36 13)*		
23 36 13 00-0012		Single Duct Boxes, Constant Volume Control *(23 36 13 00-0011)*		
23 36 13 00-0013	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control	1,359.20	41.04
		For Boxes With Motor, Add	*239.44*	
23 36 13 00-0014	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control	1,504.78	44.29
		For Boxes With Motor, Add	*265.60*	
23 36 13 00-0015	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control	1,561.70	48.60
		For Boxes With Motor, Add	*273.45*	
23 36 13 00-0016	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control	1,589.41	50.77
		For Boxes With Motor, Add	*277.38*	
23 36 13 00-0017	EA	12" Diameter Inlet, 250 - 1,200 CFM, Single Duct Boxes, Constant Volume Control	1,610.36	56.17
		For Boxes With Motor, Add	*277.38*	
23 36 13 00-0018	EA	14" Diameter Inlet, 350 - 1,680 CFM, Single Duct Boxes, Constant Volume Control	1,842.20	62.65
		For Boxes With Motor, Add	*317.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 13 00-0019	EA	16" Diameter Inlet, 450 - 2,160 CFM, Single Duct Boxes, Constant Volume Control	1,930.35	70.21
		For Boxes With Motor, Add	*329.71*	
23 36 13 00-0020	EA	20" x 16" Inlet, 550 - 2,640 CFM, Single Duct Boxes, Constant Volume Control	2,043.25	84.26
		For Boxes With Motor, Add	*341.61*	
23 36 13 00-0021	EA	24" x 16" Inlet, 650 - 3,120 CFM, Single Duct Boxes, Constant Volume Control	2,155.18	97.22
		For Boxes With Motor, Add	*353.27*	
23 36 13 00-0022		Dual Duct Boxes, Constant Volume Control *(23 36 13 00-0011)*		
23 36 13 00-0023	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control	1,922.39	41.04
		For Boxes With Motor, Add	*352.07*	
23 36 13 00-0024	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control	2,055.98	44.29
		For Boxes With Motor, Add	*375.84*	
23 36 13 00-0025	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control	2,144.21	48.60
		For Boxes With Motor, Add	*389.96*	
23 36 13 00-0026	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control	2,234.01	50.77
		For Boxes With Motor, Add	*406.30*	
23 36 13 00-0027	EA	12" Diameter Inlet, 250 - 1,200 CFM, Dual Duct Boxes, Constant Volume Control	2,254.96	56.17
		For Boxes With Motor, Add	*406.30*	
23 36 13 00-0028	EA	14" Diameter Inlet, 350 - 1,680 CFM, Dual Duct Boxes, Constant Volume Control	2,592.24	63.73
		For Boxes With Motor, Add	*467.95*	
23 36 13 00-0029	EA	16" Diameter Inlet, 450 - 2,160 CFM, Dual Duct Boxes, Constant Volume Control	2,833.04	70.21
		For Boxes With Motor, Add	*510.29*	
23 36 13 00-0030	EA	20" x 16" Inlet, 550 - 2,640 CFM, Dual Duct Boxes, Constant Volume Control	3,046.34	84.26
		For Boxes With Motor, Add	*542.22*	
23 36 13 00-0031	EA	24" x 16" Inlet, 650 - 3,120 CFM, Dual Duct Boxes, Constant Volume Control	3,174.25	97.22
		For Boxes With Motor, Add	*557.08*	
23 36 16		**Variable-Air-Volume Units** *(23 36)*		
23 36 16 00-0001		Variable Volume Terminal Unit *(23 36 16)*		
		Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.		
23 36 16 00-0002		Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*		
		Note: Enclosure only. For mounting DDC controls.		
23 36 16 00-0003	EA	6" Diameter Inlet, 80 To 500 CFM, Variable Air Volume Box With Enclosure Only	571.63	49.69
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0004	EA	8" Diameter Inlet, 145 To 900 CFM, Variable Air Volume Box With Enclosure Only	639.07	56.17
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0005	EA	10" Diameter Inlet, 230 To 1,400 CFM, Variable Air Volume Box With Enclosure Only	710.82	62.65
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0006	EA	12" Diameter Inlet, 325 To 2,000 CFM, Variable Air Volume Box With Enclosure Only	756.69	70.21
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0007	EA	14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With Enclosure Only	1,046.14	151.11
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0008	EA	16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With Enclosure Only	1,247.94	179.31
		Note: For mounting DDC controls		
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0009		Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*		
		Note: With pneumatic controls.		
23 36 16 00-0010	EA	6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller	1,229.62	49.69
		For Fan Powered Variable Air Volume Box, Add	*1,326.28*	
		For Hot Water Coils, Add	*419.00*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0011	EA	8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller	1,327.93	56.17
		For Fan Powered Variable Air Volume Box, Add	*1,420.12*	
		For Hot Water Coils, Add	*447.90*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0012	EA	10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With pneumatic controller	1,387.81	62.65
		For Fan Powered Variable Air Volume Box, Add	*1,463.84*	
		For Hot Water Coils, Add	*460.42*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0013	EA	12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With pneumatic controller	1,445.56	70.21
		For Fan Powered Variable Air Volume Box, Add	*1,504.64*	
		For Hot Water Coils, Add	*471.98*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0014	EA	14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With pneumatic controller	1,670.87	151.11
		For Fan Powered Variable Air Volume Box, Add	*1,687.21*	
		For Hot Water Coils, Add	*525.92*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0015	EA	16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With pneumatic controller	1,924.93	179.31
		For Fan Powered Variable Air Volume Box, Add	*1,826.40*	
		For Hot Water Coils, Add	*561.56*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0016		**Single Duct Variable Volume Terminal Unit** *(23 36 16 00-0001)*		
		Note: With analog electronic controls.		
23 36 16 00-0017	EA	6" Diameter Inlet, 60 To 500 CFM, Variable Air Volume Box With Analog Electronic Controls	2,049.14	49.69
		For Hot Water Coils, Add	*751.32*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0018	EA	8" Diameter Inlet, 105 To 900 CFM, Variable Air Volume Box With Analog Electronic Controls	2,128.45	56.17
		For Hot Water Coils, Add	*772.51*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0019	EA	10" Diameter Inlet, 165 To 1,400 CFM, Variable Air Volume Box With Analog Electronic Controls	2,200.20	62.65
		For Hot Water Coils, Add	*789.85*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0020	EA	12" Diameter Inlet, 235 To 2,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,303.08	70.21
		For Hot Water Coils, Add	*819.71*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0021	EA	14" Diameter Inlet, 320 To 3,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,530.77	151.11
		For Hot Water Coils, Add	*874.61*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0022	EA	16" Diameter Inlet, 420 To 4,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,578.28	151.11
		For Hot Water Coils, Add	*893.88*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0023		**Dual Duct Variable Volume Terminal Unit** *(23 36 16 00-0001)*		
		Note: With flow control installation, plenum system power box, thermostat.		
23 36 16 00-0024	EA	6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct	1,396.01	98.18
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0025	EA	8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct	1,525.26	111.80
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0026	EA	10" Diameter Inlet, 400 - 1,000 CFM, Variable Air Volume Box, Dual Duct	1,630.87	126.27
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0027	EA	12" Diameter Inlet, 600 - 1,400 CFM, Variable Air Volume Box, Dual Duct	1,787.77	140.85
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0028	EA	14" Diameter Inlet, 800 - 2,700 CFM, Variable Air Volume Box, Dual Duct	2,008.72	162.02
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0029	EA	16" Diameter Inlet, 1,000 - 3,500 CFM, Variable Air Volume Box, Dual Duct	2,201.15	194.43
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0030		**Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M)** *(23 36 16 00-0001)*		
23 36 16 00-0031	EA	0 To 200 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-A)	562.80	67.51
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0032	EA	0 To 300 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-B)	610.29	74.26
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0033	EA	0 To 400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-C)	659.22	81.01
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0034	EA	0 To 700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-D)	709.68	87.76
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0035	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-E)	761.80	94.51
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0036	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-F)	815.66	101.27
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0037	EA	0 To 1,100 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-G)	876.23	108.02
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0038	EA	0 To 1,900 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-H)	934.33	114.77
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0039	EA	0 To 2,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-J)	994.62	121.51
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0040	EA	0 To 3,800 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-K)	1,057.20	128.26
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0041	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-L)	1,122.31	135.02
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0042	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M)	1,190.06	141.77
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0043	EA	0 To 6,700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-N)	1,260.67	148.52
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0044	EA	0 To 10,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-P)	1,327.73	155.27
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0045	EA	0 To 15,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-R)	1,404.21	162.02
		For Filters And Frames, Add	*6.30*	

23 37 Air Outlets and Inlets *(23 30)*

23 37 13 Diffusers, Registers, and Grilles *(23 37)*

23 37 13 13 Diffusers, Registers, and Grilles *(23 37 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0001		Ceiling Diffusers *(23 37 13 13)*		
23 37 13 13-0002		Ceiling Diffusers With Perforated Face *(23 37 13 13-0001)* Note: Flush mount, aluminum construction, includes damper.		
23 37 13 13-0003	EA	6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	113.42	14.04
		For Steel Construction, Deduct	*-8.68*	
		For Surface Mount, Deduct	*-6.94*	
		For Diffuser Without Damper, Deduct	*-11.57*	
		For Stainless Steel, Add	*144.68*	
23 37 13 13-0004	EA	8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	126.28	14.04
		For Steel Construction, Deduct	*-10.61*	
		For Surface Mount, Deduct	*-8.49*	
		For Diffuser Without Damper, Deduct	*-14.15*	
		For Stainless Steel, Add	*176.83*	
23 37 13 13-0005	EA	9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	126.28	14.04
		For Steel Construction, Deduct	*-10.61*	
		For Surface Mount, Deduct	*-8.49*	
		For Diffuser Without Damper, Deduct	*-14.15*	
		For Stainless Steel, Add	*176.83*	
23 37 13 13-0006	EA	10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	151.70	17.28
		For Steel Construction, Deduct	*-12.70*	
		For Surface Mount, Deduct	*-10.16*	
		For Diffuser Without Damper, Deduct	*-16.93*	
		For Stainless Steel, Add	*211.65*	
23 37 13 13-0007	EA	12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	151.70	16.20
		For Steel Construction, Deduct	*-12.70*	
		For Surface Mount, Deduct	*-10.16*	
		For Diffuser Without Damper, Deduct	*-16.93*	
		For Stainless Steel, Add	*211.65*	
23 37 13 13-0008	EA	16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	175.28	16.20
		For Steel Construction, Deduct	*-16.24*	
		For Surface Mount, Deduct	*-12.99*	
		For Diffuser Without Damper, Deduct	*-21.65*	
		For Stainless Steel, Add	*270.60*	
23 37 13 13-0009	EA	18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	200.55	21.61
		For Steel Construction, Deduct	*-17.46*	
		For Surface Mount, Deduct	*-13.97*	
		For Diffuser Without Damper, Deduct	*-23.28*	
		For Stainless Steel, Add	*290.95*	
23 37 13 13-0010	EA	20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	233.70	22.68
		For Steel Construction, Deduct	*-21.80*	
		For Surface Mount, Deduct	*-17.44*	
		For Diffuser Without Damper, Deduct	*-29.06*	
		For Stainless Steel, Add	*363.30*	
23 37 13 13-0011	EA	24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	264.48	25.92
		For Steel Construction, Deduct	*-24.24*	
		For Surface Mount, Deduct	*-19.39*	
		For Lay-In Mount, Deduct	*-19.39*	
		For Diffuser Without Damper, Deduct	*-32.32*	
		For Stainless Steel, Add	*404.03*	
23 37 13 13-0012		Ceiling Diffusers With Louver Face *(23 37 13 13-0001)* Note: 1 To 4 way adjustable pattern, surface mount aluminum construction.		
23 37 13 13-0013	EA	6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	117.71	14.04
		For Steel Construction, Deduct	*-9.32*	
		For Flush Mount, Add	*9.32*	
		For Stainless Steel, Add	*155.40*	
23 37 13 13-0014	EA	8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	134.43	14.04
		For Steel Construction, Deduct	*-11.83*	
		For Flush Mount, Add	*11.83*	
		For Stainless Steel, Add	*197.20*	
23 37 13 13-0015	EA	9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	134.43	14.04
		For Steel Construction, Deduct	*-11.83*	
		For Flush Mount, Add	*11.83*	
		For Stainless Steel, Add	*197.20*	
23 37 13 13-0016	EA	10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	161.35	16.20
		For Steel Construction, Deduct	*-14.15*	
		For Flush Mount, Add	*14.15*	
		For Stainless Steel, Add	*235.78*	
23 37 13 13-0017	EA	12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	161.35	17.28
		For Steel Construction, Deduct	*-14.15*	
		For Flush Mount, Add	*14.15*	
		For Stainless Steel, Add	*235.78*	
23 37 13 13-0018	EA	24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	207.99	21.61
		For Steel Construction, Deduct	*-18.52*	
		For Flush Mount, Add	*18.52*	
		For Stainless Steel, Add	*308.65*	
23 37 13 13-0019	EA	14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	185.27	21.61
		For Steel Construction, Deduct	*-15.11*	
		For Flush Mount, Add	*15.11*	
		For Stainless Steel, Add	*251.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0020	EA	18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	231.56	25.92
		For Steel Construction, Deduct	*-19.39*	
		For Flush Mount, Add	*19.39*	
		For Stainless Steel, Add	*323.10*	
23 37 13 13-0021	EA	21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	268.65	29.16
		For Steel Construction, Deduct	*-24.11*	
		For Flush Mount, Add	*24.11*	
		For Stainless Steel, Add	*401.88*	
23 37 13 13-0022	EA	24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	293.77	57.14
		For Steel Construction, Deduct	*-26.91*	
		For Flush Mount, Add	*26.91*	
		For Lay-In Mount, Add	*35.88*	
		For Stainless Steel, Add	*448.50*	

23 37 13 13-0023 Round Ceiling Diffusers With Fixed Pattern *(23 37 13 13-0001)*

Note: Aluminum construction.

23 37 13 13-0024	EA	6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	194.68	14.04
		For Steel Construction, Deduct	*-41.74*	
		For Stainless Steel, Add	*347.83*	
23 37 13 13-0025	EA	8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	201.81	14.04
		For Steel Construction, Deduct	*-43.88*	
		For Stainless Steel, Add	*365.65*	
23 37 13 13-0026	EA	10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	227.57	17.28
		For Steel Construction, Deduct	*-48.16*	
		For Stainless Steel, Add	*401.33*	
23 37 13 13-0027	EA	12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	245.41	16.20
		For Steel Construction, Deduct	*-53.51*	
		For Stainless Steel, Add	*445.93*	
23 37 13 13-0028	EA	14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	352.46	19.44
		For Steel Construction, Deduct	*-82.41*	
		For Stainless Steel, Add	*686.73*	
23 37 13 13-0029	EA	16" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	371.75	20.53
		For Steel Construction, Deduct	*-87.22*	
		For Stainless Steel, Add	*726.85*	
23 37 13 13-0030	EA	18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	391.32	21.61
		For Steel Construction, Deduct	*-92.04*	
		For Stainless Steel, Add	*766.98*	
23 37 13 13-0031	EA	20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	453.04	21.61
		For Steel Construction, Deduct	*-109.40*	
		For Stainless Steel, Add	*911.65*	
23 37 13 13-0032	EA	24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	541.16	24.84
		For Steel Construction, Deduct	*-133.18*	
		For Stainless Steel, Add	*1,109.85*	
23 37 13 13-0033	EA	28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	609.68	25.92
		For Steel Construction, Deduct	*-152.21*	
		For Stainless Steel, Add	*1,268.40*	
23 37 13 13-0034	EA	32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	728.75	29.16
		For Steel Construction, Deduct	*-184.31*	
		For Stainless Steel, Add	*1,535.95*	

23 37 13 13-0035 Round Ceiling Diffusers With Adjustable Pattern Dropped Style *(23 37 13 13-0001)*

Note: Aluminum construction.

23 37 13 13-0036	EA	6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	205.38	14.04
		For Steel Construction, Deduct	*-14.98*	
		For Flush Mount, Deduct	*-7.49*	
		For Stainless Steel, Add	*374.58*	
23 37 13 13-0037	EA	8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	223.81	14.04
		For Steel Construction, Deduct	*-16.83*	
		For Flush Mount, Deduct	*-8.41*	
		For Stainless Steel, Add	*420.65*	
23 37 13 13-0038	EA	10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	253.34	17.28
		For Steel Construction, Deduct	*-18.63*	
		For Flush Mount, Deduct	*-9.32*	
		For Stainless Steel, Add	*465.75*	
23 37 13 13-0039	EA	12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	273.95	17.28
		For Steel Construction, Deduct	*-20.69*	
		For Flush Mount, Deduct	*-10.35*	
		For Stainless Steel, Add	*517.28*	
23 37 13 13-0040	EA	14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	398.83	19.44
		For Steel Construction, Deduct	*-32.11*	
		For Flush Mount, Deduct	*-16.05*	
		For Stainless Steel, Add	*802.65*	
23 37 13 13-0041	EA	16" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	351.16	20.53
		For Steel Construction, Deduct	*-34.31*	
		For Flush Mount, Deduct	*-17.15*	
		For Stainless Steel, Add	*857.65*	
23 37 13 13-0042	EA	18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	449.59	21.61
		For Steel Construction, Deduct	*-36.51*	
		For Flush Mount, Deduct	*-18.25*	
		For Stainless Steel, Add	*912.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0043	EA	20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	522.41	22.68
		For Steel Construction, Deduct	*-43.40*	
		For Flush Mount, Deduct	*-21.70*	
		For Stainless Steel, Add	*1,085.08*	
23 37 13 13-0044	EA	24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	590.31	24.84
		For Steel Construction, Deduct	*-49.31*	
		For Flush Mount, Deduct	*-24.65*	
		For Stainless Steel, Add	*1,232.73*	
23 37 13 13-0045	EA	28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	716.70	25.92
		For Steel Construction, Deduct	*-61.44*	
		For Flush Mount, Deduct	*-30.72*	
		For Stainless Steel, Add	*1,535.95*	
23 37 13 13-0046	EA	32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	863.91	29.16
		For Steel Construction, Deduct	*-74.95*	
		For Flush Mount, Deduct	*-37.48*	
		For Stainless Steel, Add	*1,873.85*	
23 37 13 13-0047	EA	36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	957.47	60.82
		For Stainless Steel, Add	*2,089.90*	
23 37 13 13-0048		**Linear Type Ceiling Diffusers With 2-Way Air Deflection** *(23 37 13 13-0001)*		
23 37 13 13-0049	LF	4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection	154.84	16.20
		For Stainless Steel, Add	*225.08*	
23 37 13 13-0050	LF	6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection	167.07	16.20
		For Stainless Steel, Add	*255.65*	
23 37 13 13-0051	LF	9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection	182.14	16.20
		For Stainless Steel, Add	*293.33*	
23 37 13 13-0052	LF	12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection	196.80	16.20
		For Stainless Steel, Add	*329.98*	
23 37 13 13-0053		**Wall And Floor Diffusers** *(23 37 13 13)*		
23 37 13 13-0054		**Slot Type Linear Diffusers** *(23 37 13 13-0053)*		
		Note: For sidewall sill or ceiling 1/2" 3/4/" or 1" slot spacing 1-1/8" border.		
23 37 13 13-0055	LF	1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling	52.41	5.40
		For 3/4" Border, Add	*7.43*	
		For Floor Mounted Diffusers, Add	*8.92*	
		For Stainless Steel, Add	*38.65*	
23 37 13 13-0056	LF	2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling	64.47	6.48
		For 3/4" Border, Add	*9.91*	
		For Floor Mounted Diffusers, Add	*11.89*	
		For Stainless Steel, Add	*51.53*	
23 37 13 13-0057	LF	3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling	90.53	7.56
		For 3/4" Border, Add	*15.61*	
		For Floor Mounted Diffusers, Add	*18.73*	
		For Stainless Steel, Add	*81.16*	
23 37 13 13-0058	LF	4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling	120.49	7.56
		For 3/4" Border, Add	*22.30*	
		For Floor Mounted Diffusers, Add	*26.75*	
		For Stainless Steel, Add	*115.93*	
23 37 13 13-0059	LF	5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling	151.61	8.64
		For 3/4" Border, Add	*28.99*	
		For Floor Mounted Diffusers, Add	*34.78*	
		For Stainless Steel, Add	*150.72*	
23 37 13 13-0060	LF	6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling	177.76	10.80
		For 3/4" Border, Add	*34.19*	
		For Floor Mounted Diffusers, Add	*41.03*	
		For Stainless Steel, Add	*177.78*	
23 37 13 13-0061		**Linear Bar Grilles And Registers** *(23 37 13 13-0053)*		
		Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.		
23 37 13 13-0062	LF	2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling	168.52	6.48
		For Floor Mount, Add	*14.37*	
		For Opposed Blade Damper, Add	*28.74*	
		For Stainless Steel, Add	*186.80*	
23 37 13 13-0063	LF	3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling	201.51	7.56
		For Floor Mount, Add	*17.34*	
		For Opposed Blade Damper, Add	*34.68*	
		For Stainless Steel, Add	*225.43*	
23 37 13 13-0064	LF	4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling	219.59	7.56
		For Floor Mount, Add	*18.83*	
		For Opposed Blade Damper, Add	*37.66*	
		For Stainless Steel, Add	*244.76*	
23 37 13 13-0065	LF	6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling	268.92	10.80
		For Floor Mount, Add	*22.79*	
		For Opposed Blade Damper, Add	*45.58*	
		For Stainless Steel, Add	*296.28*	
23 37 13 13-0066	LF	9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling	372.18	14.04
		For Floor Mount, Add	*31.71*	
		For Opposed Blade Damper, Add	*63.42*	
		For Stainless Steel, Add	*412.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0067	LF	12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling	428.73	16.20
		For Floor Mount, Add	*36.17*	
		For Opposed Blade Damper, Add	*72.34*	
		For Stainless Steel, Add	*470.20*	

23 37 13 13-0068 Return/Exhaust Registers And Grilles *(23 37 13 13)*

23 37 13 13-0069 Return/Exhaust Registers With Frame *(23 37 13 13-0068)*

Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.

23 37 13 13-0070	EA	8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	113.29	8.64
		For Steel Construction, Deduct	*-15.95*	
		For Grilles (No Damper), Deduct	*-31.91*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*7.98*	
		For Cube Core Lay In, Add	*15.95*	
		For Stainless Steel, Add	*199.43*	
23 37 13 13-0071	EA	8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	130.63	8.64
		For Steel Construction, Deduct	*-19.42*	
		For Grilles (No Damper), Deduct	*-38.84*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*9.71*	
		For Cube Core Lay In, Add	*19.42*	
		For Stainless Steel, Add	*242.78*	
23 37 13 13-0072	EA	10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	146.41	9.72
		For Steel Construction, Deduct	*-21.50*	
		For Grilles (No Damper), Deduct	*-43.01*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*10.75*	
		For Cube Core Lay In, Add	*21.50*	
		For Stainless Steel, Add	*268.80*	
23 37 13 13-0073	EA	10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	152.74	10.80
		For Steel Construction, Deduct	*-21.50*	
		For Grilles (No Damper), Deduct	*-43.01*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*10.75*	
		For Cube Core Lay In, Add	*21.50*	
		For Stainless Steel, Add	*268.80*	
23 37 13 13-0074	EA	12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	145.80	10.80
		For Steel Construction, Deduct	*-20.12*	
		For Grilles (No Damper), Deduct	*-40.23*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*10.06*	
		For Cube Core Lay In, Add	*20.12*	
		For Stainless Steel, Add	*251.45*	
23 37 13 13-0075	EA	12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	187.34	14.04
		For Steel Construction, Deduct	*-26.36*	
		For Grilles (No Damper), Deduct	*-52.72*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*13.18*	
		For Cube Core Lay In, Add	*26.36*	
		For Stainless Steel, Add	*329.48*	
23 37 13 13-0076	EA	16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	224.40	16.20
		For Steel Construction, Deduct	*-31.47*	
		For Grilles (No Damper), Deduct	*-62.94*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*15.74*	
		For Cube Core Lay In, Add	*31.47*	
		For Stainless Steel, Add	*393.40*	
23 37 13 13-0077	EA	18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	275.45	19.44
		For Steel Construction, Deduct	*-39.54*	
		For Grilles (No Damper), Deduct	*-79.07*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*19.77*	
		For Cube Core Lay In, Add	*39.54*	
		For Stainless Steel, Add	*494.20*	
23 37 13 13-0078	EA	20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	323.93	21.61
		For Steel Construction, Deduct	*-47.88*	
		For Grilles (No Damper), Deduct	*-95.76*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*23.94*	
		For Cube Core Lay In, Add	*47.88*	
		For Stainless Steel, Add	*598.50*	
23 37 13 13-0079	EA	24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	288.61	21.61
		For Steel Construction, Deduct	*-40.05*	
		For Grilles (No Damper), Deduct	*-80.09*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*20.02*	
		For Cube Core Lay In, Add	*40.05*	
		For Stainless Steel, Add	*500.58*	
23 37 13 13-0080	EA	24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	331.15	21.61
		For Steel Construction, Deduct	*-48.55*	
		For Grilles (No Damper), Deduct	*-97.11*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*24.28*	
		For Cube Core Lay In, Add	*48.55*	
		For Stainless Steel, Add	*606.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0081	EA	24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	348.84	24.84
		For Steel Construction, Deduct	*-50.32*	
		For Grilles (No Damper), Deduct	*-100.65*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*25.16*	
		For Cube Core Lay In, Add	*50.32*	
		For Stainless Steel, Add	*629.05*	
23 37 13 13-0082	EA	30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	369.74	25.92
		For Steel Construction, Deduct	*-53.48*	
		For Grilles (No Damper), Deduct	*-106.97*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*26.74*	
		For Cube Core Lay In, Add	*53.48*	
		For Stainless Steel, Add	*668.55*	
23 37 13 13-0083	EA	30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	426.50	29.16
		For Steel Construction, Deduct	*-62.43*	
		For Grilles (No Damper), Deduct	*-124.85*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*31.21*	
		For Cube Core Lay In, Add	*62.43*	
		For Stainless Steel, Add	*780.33*	
23 37 13 13-0084	EA	30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	476.67	34.57
		For Steel Construction, Deduct	*-67.56*	
		For Grilles (No Damper), Deduct	*-135.12*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*33.78*	
		For Cube Core Lay In, Add	*67.56*	
		For Stainless Steel, Add	*844.48*	
23 37 13 13-0085	EA	30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	623.52	34.57
		For Steel Construction, Deduct	*-96.93*	
		For Grilles (No Damper), Deduct	*-193.86*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*48.46*	
		For Cube Core Lay In, Add	*96.93*	
		For Stainless Steel, Add	*1,211.60*	
23 37 13 13-0086	EA	36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	514.47	37.81
		For Steel Construction, Deduct	*-72.98*	
		For Grilles (No Damper), Deduct	*-145.96*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*36.49*	
		For Cube Core Lay In, Add	*72.98*	
		For Stainless Steel, Add	*912.28*	
23 37 13 13-0087	EA	36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	500.51	36.72
		For Steel Construction, Deduct	*-70.19*	
		For Grilles (No Damper), Deduct	*-140.38*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*35.10*	
		For Cube Core Lay In, Add	*70.19*	
		For Stainless Steel, Add	*877.38*	
23 37 13 13-0088	EA	36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	570.74	41.04
		For Steel Construction, Deduct	*-81.74*	
		For Grilles (No Damper), Deduct	*-163.49*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*40.87*	
		For Cube Core Lay In, Add	*81.74*	
		For Stainless Steel, Add	*1,021.80*	
23 37 13 13-0089	EA	36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	778.29	44.29
		For Steel Construction, Deduct	*-120.31*	
		For Grilles (No Damper), Deduct	*-240.61*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*60.15*	
		For Cube Core Lay In, Add	*120.31*	
		For Stainless Steel, Add	*1,503.83*	
23 37 13 13-0090	EA	24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	343.06	24.95
		For Steel Construction, Deduct	*-48.68*	
		For Grilles (No Damper), Deduct	*-97.35*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*24.34*	
		For Cube Core Lay In, Add	*48.68*	
		For Stainless Steel, Add	*608.45*	
23 37 13 13-0091	EA	32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	594.14	37.39
		For Steel Construction, Deduct	*-88.92*	
		For Grilles (No Damper), Deduct	*-177.83*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*44.46*	
		For Cube Core Lay In, Add	*88.92*	
		For Stainless Steel, Add	*1,111.45*	
23 37 13 13-0092	EA	48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	687.55	44.29
		For Steel Construction, Deduct	*-102.03*	
		For Grilles (No Damper), Deduct	*-204.06*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*51.02*	
		For Cube Core Lay In, Add	*102.03*	
		For Stainless Steel, Add	*1,275.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0093		Return/Exhaust Registers Removable-Reversible *(23 37 13 13-0068)*		
		Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.		
23 37 13 13-0094	EA	8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	104.27	8.64
		For Steel Construction, Deduct	*-7.08*	
		For Flat Frame, Deduct	*-0.71*	
		For Grilles (No Damper), Deduct	*-14.15*	
		For Stainless Steel, Add	*176.88*	
23 37 13 13-0095	EA	8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	104.27	8.64
		For Steel Construction, Deduct	*-7.08*	
		For Flat Frame, Deduct	*-0.71*	
		For Grilles (No Damper), Deduct	*-14.15*	
		For Stainless Steel, Add	*176.88*	
23 37 13 13-0096	EA	10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	128.37	9.72
		For Steel Construction, Deduct	*-8.95*	
		For Flat Frame, Deduct	*-0.89*	
		For Grilles (No Damper), Deduct	*-17.90*	
		For Stainless Steel, Add	*223.70*	
23 37 13 13-0097	EA	10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	147.19	11.88
		For Steel Construction, Deduct	*-10.20*	
		For Flat Frame, Deduct	*-1.02*	
		For Grilles (No Damper), Deduct	*-20.39*	
		For Stainless Steel, Add	*254.93*	
23 37 13 13-0098	EA	12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	145.11	10.80
		For Steel Construction, Deduct	*-9.99*	
		For Flat Frame, Deduct	*-1.00*	
		For Grilles (No Damper), Deduct	*-19.98*	
		For Stainless Steel, Add	*249.73*	
23 37 13 13-0099	EA	12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	188.73	14.04
		For Steel Construction, Deduct	*-13.32*	
		For Flat Frame, Deduct	*-1.33*	
		For Grilles (No Damper), Deduct	*-26.64*	
		For Stainless Steel, Add	*332.95*	
23 37 13 13-0100	EA	16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	307.74	17.28
		For Steel Construction, Deduct	*-24.07*	
		For Flat Frame, Deduct	*-2.41*	
		For Grilles (No Damper), Deduct	*-48.14*	
		For Stainless Steel, Add	*601.75*	
23 37 13 13-0101	EA	18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	371.19	19.44
		For Steel Construction, Deduct	*-29.34*	
		For Flat Frame, Deduct	*-2.93*	
		For Grilles (No Damper), Deduct	*-58.68*	
		For Stainless Steel, Add	*733.55*	
23 37 13 13-0102	EA	20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	419.56	21.61
		For Steel Construction, Deduct	*-33.50*	
		For Flat Frame, Deduct	*-3.35*	
		For Grilles (No Damper), Deduct	*-67.01*	
		For Stainless Steel, Add	*837.58*	
23 37 13 13-0103	EA	24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	346.42	21.61
		For Steel Construction, Deduct	*-25.80*	
		For Flat Frame, Deduct	*-2.58*	
		For Grilles (No Damper), Deduct	*-51.61*	
		For Stainless Steel, Add	*645.10*	
23 37 13 13-0104	EA	24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	471.28	22.68
		For Steel Construction, Deduct	*-38.29*	
		For Flat Frame, Deduct	*-3.83*	
		For Grilles (No Damper), Deduct	*-76.58*	
		For Stainless Steel, Add	*957.25*	
23 37 13 13-0105	EA	24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	550.87	24.84
		For Steel Construction, Deduct	*-45.37*	
		For Flat Frame, Deduct	*-4.54*	
		For Grilles (No Damper), Deduct	*-90.73*	
		For Stainless Steel, Add	*1,134.13*	
23 37 13 13-0106	EA	30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	418.63	25.92
		For Steel Construction, Deduct	*-31.63*	
		For Flat Frame, Deduct	*-3.16*	
		For Grilles (No Damper), Deduct	*-63.26*	
		For Stainless Steel, Add	*790.78*	
23 37 13 13-0107	EA	30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	580.50	29.16
		For Steel Construction, Deduct	*-46.61*	
		For Flat Frame, Deduct	*-4.66*	
		For Grilles (No Damper), Deduct	*-93.23*	
		For Stainless Steel, Add	*1,165.33*	
23 37 13 13-0108	EA	30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	698.66	34.57
		For Steel Construction, Deduct	*-55.98*	
		For Flat Frame, Deduct	*-5.60*	
		For Grilles (No Damper), Deduct	*-111.96*	
		For Stainless Steel, Add	*1,399.45*	
23 37 13 13-0109	EA	30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	803.75	34.57
		For Steel Construction, Deduct	*-66.49*	
		For Flat Frame, Deduct	*-6.65*	
		For Grilles (No Damper), Deduct	*-132.97*	
		For Stainless Steel, Add	*1,662.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0110	EA	36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	538.70	36.72
		For Steel Construction, Deduct	*-38.91*	
		For Flat Frame, Deduct	*-3.89*	
		For Grilles (No Damper), Deduct	*-77.83*	
		For Stainless Steel, Add	*972.85*	
23 37 13 13-0111	EA	36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	738.47	36.72
		For Steel Construction, Deduct	*-58.89*	
		For Flat Frame, Deduct	*-5.89*	
		For Grilles (No Damper), Deduct	*-117.78*	
		For Stainless Steel, Add	*1,472.28*	
23 37 13 13-0112	EA	36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	857.06	41.04
		For Steel Construction, Deduct	*-69.50*	
		For Flat Frame, Deduct	*-6.95*	
		For Grilles (No Damper), Deduct	*-139.01*	
		For Stainless Steel, Add	*1,737.60*	
23 37 13 13-0113	EA	36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,003.94	44.29
		For Steel Construction, Deduct	*-82.72*	
		For Flat Frame, Deduct	*-8.27*	
		For Grilles (No Damper), Deduct	*-165.44*	
		For Stainless Steel, Add	*2,067.95*	
23 37 13 13-0114	EA	36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,062.21	44.29
		For Steel Construction, Deduct	*-88.55*	
		For Flat Frame, Deduct	*-8.85*	
		For Grilles (No Damper), Deduct	*-177.09*	
		For Stainless Steel, Add	*2,213.63*	
23 37 13 13-0115		**Aluminum Eggcrate Ceiling Return Air And Exhaust Grilles** *(23 37 13 13-0068)*		
23 37 13 13-0116	EA	6" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	54.12	10.57
23 37 13 13-0117	EA	8" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	54.12	10.57
23 37 13 13-0118	EA	8" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	59.17	10.57
23 37 13 13-0119	EA	8" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	61.19	10.57
23 37 13 13-0120	EA	10" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	59.17	10.57
23 37 13 13-0121	EA	10" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	61.19	10.57
23 37 13 13-0122	EA	10" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	73.17	13.86
23 37 13 13-0123	EA	10" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	75.19	13.86
23 37 13 13-0124	EA	12" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	71.16	13.86
23 37 13 13-0125	EA	12" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	75.19	13.86
23 37 13 13-0126	EA	12" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	77.21	13.86
23 37 13 13-0127	EA	12" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	79.23	13.86
23 37 13 13-0128	EA	14" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	76.20	13.86
23 37 13 13-0129	EA	14" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	80.24	13.86
23 37 13 13-0130	EA	14" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	82.26	13.86
23 37 13 13-0131	EA	14" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	91.35	13.86
23 37 13 13-0132	EA	16" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	80.24	13.86
23 37 13 13-0133	EA	16" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	87.31	13.86
23 37 13 13-0134	EA	16" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	91.35	13.86
23 37 13 13-0135	EA	16" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	116.33	20.44
23 37 13 13-0136	EA	16" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	118.35	20.44
23 37 13 13-0137	EA	18" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	114.31	20.44
23 37 13 13-0138	EA	18" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	140.44	23.73
23 37 13 13-0139	EA	20" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	112.30	20.44
23 37 13 13-0140	EA	20" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	150.53	23.73
23 37 13 13-0141	EA	22" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	78.22	13.86
23 37 13 13-0142	EA	22" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	114.31	20.44
23 37 13 13-0143	EA	22" x 22" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	168.58	27.02
23 37 13 13-0144	EA	24" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	112.30	20.44
23 37 13 13-0145	EA	24" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	116.33	20.44
23 37 13 13-0146	EA	24" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	134.38	23.73
		For Lay-In Installation, Deduct	*-50.14*	
23 37 13 13-0147	EA	24" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	140.44	23.73
23 37 13 13-0148	EA	24" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	156.46	27.02
23 37 13 13-0149	EA	24" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	162.52	27.02
23 37 13 13-0150	EA	24" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	169.59	27.02
23 37 13 13-0151	EA	24" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	182.71	27.02
		For Lay-In Installation, Deduct	*-57.40*	
23 37 13 13-0152	EA	30" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	137.41	23.73
23 37 13 13-0153	EA	48" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	226.01	29.61
23 37 13 13-0154	EA	48" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	392.34	36.19
		For Lay-In Installation, Deduct	*-82.60*	
23 37 13 13-0155		**Supply Registers and Grilles** *(23 37 13 13)*		
23 37 13 13-0156		**Adjustable Curved Blade Register** *(23 37 13 13-0155)*		
		Note: Ceiling mount aluminum construction four way pattern flush frame.		
23 37 13 13-0157	EA	6" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	94.11	8.64
		For Steel Construction, Deduct	*-9.10*	
		For Lay In Frame, Deduct	*-15.16*	
		For Three Way Pattern, Deduct	*-6.06*	
		For Two Way Pattern, Deduct	*-4.85*	
		For One Way Pattern, Deduct	*-4.85*	
		For Grille (No Damper), Deduct	*-9.10*	
		For Stainless Steel, Add	*151.60*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0158	EA	8" x 8" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	97.68	8.64
		For Steel Construction, Deduct	*-9.63*	
		For Lay In Frame, Deduct	*-16.05*	
		For Three Way Pattern, Deduct	*-6.42*	
		For Two Way Pattern, Deduct	*-5.14*	
		For One Way Pattern, Deduct	*-5.14*	
		For Grille (No Damper), Deduct	*-9.63*	
		For Stainless Steel, Add	*160.53*	
23 37 13 13-0159	EA	12" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	105.96	11.88
		For Steel Construction, Deduct	*-9.10*	
		For Lay In Frame, Deduct	*-15.16*	
		For Three Way Pattern, Deduct	*-6.06*	
		For Two Way Pattern, Deduct	*-4.85*	
		For One Way Pattern, Deduct	*-4.85*	
		For Grille (No Damper), Deduct	*-9.10*	
		For Stainless Steel, Add	*151.60*	
23 37 13 13-0160	EA	10" x 10" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	119.05	10.80
		For Steel Construction, Deduct	*-11.06*	
		For Lay In Frame, Deduct	*-18.43*	
		For Three Way Pattern, Deduct	*-7.37*	
		For Two Way Pattern, Deduct	*-5.90*	
		For One Way Pattern, Deduct	*-5.90*	
		For Grille (No Damper), Deduct	*-11.06*	
		For Stainless Steel, Add	*184.33*	
23 37 13 13-0161	EA	12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	143.07	14.04
		For Steel Construction, Deduct	*-13.20*	
		For Lay In Frame, Deduct	*-22.00*	
		For Three Way Pattern, Deduct	*-8.80*	
		For Two Way Pattern, Deduct	*-7.04*	
		For One Way Pattern, Deduct	*-7.04*	
		For Grille (No Damper), Deduct	*-13.20*	
		For Stainless Steel, Add	*219.98*	
23 37 13 13-0162	EA	14" x 14" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	176.44	16.20
		For Steel Construction, Deduct	*-16.41*	
		For Lay In Frame, Deduct	*-27.35*	
		For Three Way Pattern, Deduct	*-10.94*	
		For Two Way Pattern, Deduct	*-8.75*	
		For One Way Pattern, Deduct	*-8.75*	
		For Grille (No Damper), Deduct	*-16.41*	
		For Stainless Steel, Add	*273.50*	
23 37 13 13-0163	EA	16" x 16" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	176.44	16.20
		For Steel Construction, Deduct	*-16.41*	
		For Lay In Frame, Deduct	*-27.35*	
		For Three Way Pattern, Deduct	*-10.94*	
		For Two Way Pattern, Deduct	*-8.75*	
		For One Way Pattern, Deduct	*-8.75*	
		For Grille (No Damper), Deduct	*-16.41*	
		For Stainless Steel, Add	*273.50*	
23 37 13 13-0164	EA	18" x 18" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	217.35	21.61
		For Steel Construction, Deduct	*-19.98*	
		For Lay In Frame, Deduct	*-33.30*	
		For Three Way Pattern, Deduct	*-13.32*	
		For Two Way Pattern, Deduct	*-10.65*	
		For One Way Pattern, Deduct	*-10.65*	
		For Grille (No Damper), Deduct	*-19.98*	
		For Stainless Steel, Add	*332.95*	
23 37 13 13-0165	EA	24" x 24" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	289.34	22.68
		For Steel Construction, Deduct	*-30.14*	
		For Lay In Frame, Deduct	*-50.24*	
		For Three Way Pattern, Deduct	*-20.10*	
		For Two Way Pattern, Deduct	*-16.08*	
		For One Way Pattern, Deduct	*-16.08*	
		For Grille (No Damper), Deduct	*-30.14*	
		For Stainless Steel, Add	*502.40*	
23 37 13 13-0166	EA	30" x 30" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	477.47	45.80
		For Steel Construction, Deduct	*-57.88*	
		For Lay In Frame, Deduct	*-96.47*	
		For Three Way Pattern, Deduct	*-38.59*	
		For Two Way Pattern, Deduct	*-30.87*	
		For One Way Pattern, Deduct	*-30.87*	
		For Grille (No Damper), Deduct	*-57.88*	
		For Stainless Steel, Add	*964.68*	
23 37 13 13-0167		Removable-Reversible Core Registers *(23 37 13 13-0155)*		
		Note: Double deflection radiused frame aluminum construction.		
23 37 13 13-0168	EA	6" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	109.57	8.64
		For Steel Construction, Deduct	*-7.61*	
		For Flat Frame, Deduct	*-7.61*	
		For Grille (No Damper), Deduct	*-22.83*	
		For Stainless Steel, Add	*190.25*	
23 37 13 13-0169	EA	8" x 8" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	140.49	8.64
		For Steel Construction, Deduct	*-10.70*	
		For Flat Frame, Deduct	*-10.70*	
		For Grille (No Damper), Deduct	*-32.11*	
		For Stainless Steel, Add	*267.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0170	EA	12" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	178.50	11.88
		For Steel Construction, Deduct	*-13.32*	
		For Flat Frame, Deduct	*-13.32*	
		For Grille (No Damper), Deduct	*-39.95*	
		For Stainless Steel, Add	*332.95*	
23 37 13 13-0171	EA	10" x 10" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	180.88	11.88
		For Steel Construction, Deduct	*-13.56*	
		For Flat Frame, Deduct	*-13.56*	
		For Grille (No Damper), Deduct	*-40.67*	
		For Stainless Steel, Add	*338.90*	
23 37 13 13-0172	EA	12" x 12" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	231.07	14.04
		For Steel Construction, Deduct	*-17.60*	
		For Flat Frame, Deduct	*-17.60*	
		For Grille (No Damper), Deduct	*-52.80*	
		For Stainless Steel, Add	*439.98*	
23 37 13 13-0173	EA	14" x 14" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	331.02	17.28
		For Steel Construction, Deduct	*-26.40*	
		For Flat Frame, Deduct	*-26.40*	
		For Grille (No Damper), Deduct	*-79.19*	
		For Stainless Steel, Add	*659.95*	
23 37 13 13-0174	EA	16" x 16" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	373.83	16.20
		For Steel Construction, Deduct	*-30.68*	
		For Flat Frame, Deduct	*-30.68*	
		For Grille (No Damper), Deduct	*-92.04*	
		For Stainless Steel, Add	*766.98*	
23 37 13 13-0175	EA	18" x 18" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	450.42	21.61
		For Steel Construction, Deduct	*-36.63*	
		For Flat Frame, Deduct	*-36.63*	
		For Grille (No Damper), Deduct	*-109.88*	
		For Stainless Steel, Add	*915.63*	
23 37 13 13-0176	EA	24" x 24" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	571.16	21.61
		For Steel Construction, Deduct	*-48.28*	
		For Flat Frame, Deduct	*-48.28*	
		For Grille (No Damper), Deduct	*-144.83*	
		For Stainless Steel, Add	*1,206.95*	
23 37 13 13-0177		Supply Grille, Aluminum Drum With Aluminum Border *(23 37 13 13-0155)*		
		Note: Titus DL.		
23 37 13 13-0178	EA	9" x 6" Supply Grille, Aluminum Drum	83.46	16.74
		For Stainless Steel, Add	*124.98*	
23 37 13 13-0179	EA	12" x 6" Supply Grille, Aluminum Drum	117.02	22.68
		For Stainless Steel, Add	*179.25*	
23 37 13 13-0180	EA	18" x 6" Supply Grille, Aluminum Drum	129.19	22.68
		For Stainless Steel, Add	*209.68*	
23 37 13 13-0181	EA	24" x 6" Supply Grille, Aluminum Drum	143.23	27.54
		For Stainless Steel, Add	*220.40*	
23 37 13 13-0182	EA	30" x 6" Supply Grille, Aluminum Drum	182.95	33.59
		For Stainless Steel, Add	*289.78*	
23 37 13 13-0183	EA	36" x 6" Supply Grille, Aluminum Drum	222.81	33.59
		For Stainless Steel, Add	*389.43*	
23 37 13 13-0184	EA	48" x 6" Supply Grille, Aluminum Drum	266.07	42.12
		For Stainless Steel, Add	*454.78*	
23 37 13 13-0185	EA	20" x 10" Supply Grille, Aluminum Drum	149.10	27.54
		For Stainless Steel, Add	*235.08*	
23 37 13 13-0186	EA	25" x 10" Supply Grille, Aluminum Drum	160.98	33.49
		For Stainless Steel, Add	*235.08*	
23 37 13 13-0187	EA	30" x 10" Supply Grille, Aluminum Drum	227.54	42.12
		For Stainless Steel, Add	*358.28*	
23 37 13 13-0188	EA	35" x 10" Supply Grille, Aluminum Drum	263.17	45.37
		For Stainless Steel, Add	*431.15*	
23 37 13 13-0189	EA	40" x 10" Supply Grille, Aluminum Drum	296.16	47.52
		For Stainless Steel, Add	*502.83*	
23 37 13 13-0190	EA	20" x 12" Supply Grille, Aluminum Drum	170.15	29.71
		For Stainless Steel, Add	*276.88*	
23 37 13 13-0191	EA	30" x 12" Supply Grille, Aluminum Drum	249.89	43.20
		For Stainless Steel, Add	*408.78*	
23 37 13 13-0192	EA	40" x 12" Supply Grille, Aluminum Drum	324.16	48.60
		For Stainless Steel, Add	*567.43*	
23 37 13 13-0193	EA	15" x 15" Supply Grille, Aluminum Drum	179.03	33.49
		For Stainless Steel, Add	*280.20*	
23 37 13 13-0194	EA	20" x 15" Supply Grille, Aluminum Drum	201.68	35.64
		For Stainless Steel, Add	*326.03*	
23 37 13 13-0195	EA	25" x 15" Supply Grille, Aluminum Drum	236.99	41.59
		For Stainless Steel, Add	*384.60*	
23 37 13 13-0196	EA	30" x 15" Supply Grille, Aluminum Drum	268.87	44.29
		For Stainless Steel, Add	*450.80*	
23 37 13 13-0197	EA	40" x 15" Supply Grille, Aluminum Drum	327.16	49.69
		For Stainless Steel, Add	*569.53*	
23 37 13 13-0198		Adjustable Shutter Blade Registers *(23 37 13 13-0155)*		
		Note: Double deflection flat frame aluminum construction.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0199	EA	6" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	172.20	8.64
		For Steel Construction, Deduct	*-13.87*	
		For Single Deflection, Deduct	*-27.75*	
		For Grille (No Damper), Deduct	*-20.81*	
		For Stainless Steel, Add	*346.83*	
23 37 13 13-0200	EA	8" x 8" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	199.95	8.64
		For Steel Construction, Deduct	*-16.65*	
		For Single Deflection, Deduct	*-33.30*	
		For Grille (No Damper), Deduct	*-24.97*	
		For Stainless Steel, Add	*416.20*	
23 37 13 13-0201	EA	12" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	211.80	11.88
		For Steel Construction, Deduct	*-16.65*	
		For Single Deflection, Deduct	*-33.30*	
		For Grille (No Damper), Deduct	*-24.97*	
		For Stainless Steel, Add	*416.20*	
23 37 13 13-0202	EA	10" x 10" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	219.72	10.80
		For Steel Construction, Deduct	*-17.44*	
		For Single Deflection, Deduct	*-34.88*	
		For Grille (No Damper), Deduct	*-26.16*	
		For Stainless Steel, Add	*436.00*	
23 37 13 13-0203	EA	12" x 12" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	269.12	14.04
		For Steel Construction, Deduct	*-21.40*	
		For Single Deflection, Deduct	*-42.81*	
		For Grille (No Damper), Deduct	*-32.11*	
		For Stainless Steel, Add	*535.10*	
23 37 13 13-0204	EA	14" x 14" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	360.36	16.20
		For Steel Construction, Deduct	*-29.33*	
		For Single Deflection, Deduct	*-58.66*	
		For Grille (No Damper), Deduct	*-44.00*	
		For Stainless Steel, Add	*733.30*	
23 37 13 13-0205	EA	16" x 16" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	427.74	17.28
		For Steel Construction, Deduct	*-36.07*	
		For Single Deflection, Deduct	*-72.14*	
		For Grille (No Damper), Deduct	*-54.11*	
		For Stainless Steel, Add	*901.75*	
23 37 13 13-0206	EA	18" x 18" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	528.11	21.61
		For Steel Construction, Deduct	*-44.39*	
		For Single Deflection, Deduct	*-88.79*	
		For Grille (No Damper), Deduct	*-66.59*	
		For Stainless Steel, Add	*1,109.85*	
23 37 13 13-0207	EA	24" x 24" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	734.47	22.68
		For Steel Construction, Deduct	*-64.61*	
		For Single Deflection, Deduct	*-129.22*	
		For Grille (No Damper), Deduct	*-96.91*	
		For Stainless Steel, Add	*1,615.23*	

23 37 13 13-0208 Air Conditioning And Ventilation *(23 37 13 13-0155)*

23 37 13 13-0209	EA	10" x 16" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	95.16	22.68
		For Stainless Steel, Add	*124.60*	
23 37 13 13-0210	EA	18" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	167.20	33.76
		For Stainless Steel, Add	*249.23*	
23 37 13 13-0211	EA	30" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	260.66	47.25
		For Stainless Steel, Add	*415.38*	
23 37 13 13-0212	EA	48" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	677.89	64.81
		For Stainless Steel, Add	*1,370.70*	

23 37 13 13-0213 Square Wall Return Air And Exhaust Grilles *(23 37 13 13-0155)*

Note: Egg crate design aluminum construction.

23 37 13 13-0214	EA	8" x 8" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	84.09	27.06
23 37 13 13-0215	EA	12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	93.30	27.06
23 37 13 13-0216	EA	18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	138.79	40.59
23 37 13 13-0217	EA	24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	184.87	40.59
23 37 13 13-0218	EA	28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	315.62	54.13
23 37 13 13-0219	EA	36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	594.00	54.00

23 37 13 13-0220 Rectangular Four-Way Adjustable Deflection Wall Supply Grilles *(23 37 13 13-0155)*

Note: Aluminum construction.

23 37 13 13-0221	EA	12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	242.71	19.48
23 37 13 13-0222	EA	14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	278.38	19.48
23 37 13 13-0223	EA	18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	336.30	21.65
23 37 13 13-0224	EA	24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	399.69	21.65
23 37 13 13-0225	EA	36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	510.42	67.66
23 37 13 13-0226	EA	6" x 6" 2, 3, 4-Way Adjustable Wall Supply Grille, Adjustable, Titus Mode 250	95.98	32.48
23 37 13 13-0227	EA	8" x 8" 2, 3, 4-Way Adjustable Wall Supply Grille, Adjustable, Titus Mode 250	101.39	35.18
23 37 13 13-0228	EA	10" x 10" 2, 3, 4-Way Adjustable Wall Supply Grille, Adjustable, Titus Mode 250	117.88	37.89
23 37 13 13-0229	EA	12" x 12" 2, 3, 4-Way Adjustable Wall Supply Grille, Adjustable, Titus Mode 250	126.63	40.59
23 37 13 13-0230	EA	14" x 14" 2, 3, 4-Way Adjustable Wall Supply Grille, Adjustable, Titus Mode 250	140.91	43.30

23 37 13 13-0231 Square Ceiling Return Air And Exhaust Grilles *(23 37 13 13-0155)*

Note: Egg crate design, plastic construction.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0232	EA	24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	45.56	12.96
23 37 13 13-0233	EA	24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	66.49	13.07
23 37 13 13-0234		**Door Grilles Sight Proof Inverted Vee Cross Section** *(23 37 13 13-0155)*		
		Note: Painted steel louvers and frame.		
23 37 13 13-0235	EA	12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	134.94	19.48
23 37 13 13-0236	EA	12" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	167.40	19.48
23 37 13 13-0237	EA	18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	211.00	20.57
23 37 13 13-0238	EA	24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	294.23	24.57
23 37 13 13-0239	EA	24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	325.98	45.14
23 37 13 13-0240		**Stainless Steel Devices** *(23 37 13 13-0155)*		
23 37 13 13-0241		**304 Stainless Steel, Louvered Partition/Door Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0242	SF	Up To 4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	177.26	16.88
		For 316 Stainless Steel, Add	*29.82*	
23 37 13 13-0243	SF	>4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	150.05	16.88
		For 316 Stainless Steel, Add	*24.38*	
23 37 13 13-0244		**304 Stainless Steel, Single Deflection Supply Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0245	SF	Up To 4 SF, 304 Stainless Steel, Single Deflection Supply Grille	134.98	16.88
		For 316 Stainless Steel, Add	*21.37*	
23 37 13 13-0246	SF	>4 SF, 304 Stainless Steel, Single Deflection Supply Grille	115.19	16.88
		For 316 Stainless Steel, Add	*17.41*	
23 37 13 13-0247		**304 Stainless Steel, Double Deflection Supply Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0248	SF	Up To 4 SF, 304 Stainless Steel, Double Deflection Supply Grille	196.18	16.88
		For 316 Stainless Steel, Add	*33.61*	
23 37 13 13-0249	SF	>4 SF, 304 Stainless Steel, Double Deflection Supply Grille	167.62	16.88
		For 316 Stainless Steel, Add	*27.89*	
23 37 13 13-0250		**304 Stainless Steel Return Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0251	SF	Up To 4 SF, 304 Stainless Steel Return Grille	134.98	16.88
		For 316 Stainless Steel, Add	*21.37*	
23 37 13 13-0252	SF	>4 SF, 304 Stainless Steel Return Grille	115.19	16.88
		For 316 Stainless Steel, Add	*17.41*	
23 37 13 13-0253		**304 Stainless Steel, Louvered Supply/Return Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0254	SF	Up To 4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	134.98	16.88
		For 316 Stainless Steel, Add	*21.37*	
23 37 13 13-0255	SF	>4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	115.19	16.88
		For 316 Stainless Steel, Add	*17.41*	
23 37 13 13-0256		**304 Stainless Steel, Perforated Return Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0257	SF	Up To 4 SF, 304 Stainless Steel, Perforated Return Grille	134.98	16.88
		For 316 Stainless Steel, Add	*21.37*	
23 37 13 13-0258	SF	>4 SF, 304 Stainless Steel, Perforated Return Grille	109.75	16.88
		For 316 Stainless Steel, Add	*16.32*	
23 37 13 13-0259		**304 Stainless Steel, Perforated Supply Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0260	SF	Up To 4 SF, 304 Stainless Steel, Perforated Supply Grille	162.80	16.88
		For 316 Stainless Steel, Add	*26.93*	
23 37 13 13-0261	SF	>4 SF, 304 Stainless Steel, Perforated Supply Grille	112.65	16.88
		For 316 Stainless Steel, Add	*16.90*	
23 37 13 13-0262		**304 Stainless Steel, Door Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0263	SF	Up To 4 SF, 304 Stainless Steel, Door Grille	241.80	16.88
		For 316 Stainless Steel, Add	*42.73*	
23 37 13 13-0264	SF	>4 SF, 304 Stainless Steel, Door Grille	202.24	16.88
		For 316 Stainless Steel, Add	*34.82*	
23 37 13 13-0265		**304 Stainless Steel, Linear Bar Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0266	SF	Up To 4 SF, 304 Stainless Steel, Linear Bar Grille	308.20	16.88
		For 316 Stainless Steel, Add	*56.01*	
23 37 13 13-0267	SF	>4 SF, 304 Stainless Steel, Linear Bar Grille	264.30	16.88
		For 316 Stainless Steel, Add	*47.23*	
23 37 13 13-0268		**304 Stainless Steel, Hinged Filter Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0269	SF	Up To 4 SF, 304 Stainless Steel, Hinged Filter Grille	227.34	16.88
		For 316 Stainless Steel, Add	*39.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0270	SF	>4 SF, 304 Stainless Steel, Hinged Filter Grille	158.10	16.88
		For 316 Stainless Steel, Add	*25.99*	
23 37 13 13-0271		**304 Stainless Steel, Opposed Blade Dampers Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0272	SF	Up To 4 SF, 304 Stainless Steel, Opposed Blade Dampers Grille	123.85	16.88
		For 316 Stainless Steel, Add	*19.14*	
23 37 13 13-0273	SF	Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF	95.05	16.88
		For 316 Stainless Steel, Add	*13.38*	
23 37 13 13-0274		**304 Stainless Steel, Plaster Frames Replacement** *(23 37 13 13-0240)*		
		Note: For frequent replacement.		
23 37 13 13-0275	SF	To 4 SF, 304 Stainless Steel, Plaster Frames Replacement	97.14	16.88
		For 316 Stainless Steel, Add	*13.80*	
23 37 13 13-0276	SF	>4 SF, 304 Stainless Steel, Plaster Frames Replacement	53.00	16.88
		For 316 Stainless Steel, Add	*4.97*	
23 37 13 13-0277		**304 Stainless Steel, Modular Louvered Ceiling Diffusers** *(23 37 13 13-0240)*		
23 37 13 13-0278	SF	Up To 4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	224.00	16.88
		For 316 Stainless Steel, Add	*39.17*	
23 37 13 13-0279	SF	>4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	175.91	16.88
		For 316 Stainless Steel, Add	*29.55*	
23 37 13 13-0280		**304 Stainless Steel, Latticed Supply/Return Grilles** *(23 37 13 13-0240)*		
23 37 13 13-0281	SF	Up To 4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	80.45	16.88
		For 316 Stainless Steel, Add	*10.46*	
23 37 13 13-0282	SF	>4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	80.45	16.88
		For 316 Stainless Steel, Add	*10.46*	
23 37 13 13-0283		**Removal And Reinstallation Of Distribution Devices** *(23 37 13 13)*		
		Note: Includes storage and cleaning. Excludes ductwork.		
23 37 13 13-0284	EA	Removal And Reinstallation Of Variable Air Volume Terminal Unit	202.52	
23 37 13 13-0285	EA	Removal And Reinstallation Of Fan Powered Variable Volume Terminal Unit	223.37	
23 37 13 13-0286	EA	Removal And Reinstallation Of Lay-in Diffuser/Register/Grille	33.48	
23 37 13 13-0287	EA	Removal And Reinstallation Of Surface Mounted Diffuser/Register/Grille	45.34	
23 37 13 43		**Security Registers and Grilles** *(23 37 13)*		
23 37 13 43-0001		**Security Supply Or Return Grille** *(23 37 13 43)*		
		Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish.		
23 37 13 43-0002	EA	8" x 4" Steel Security Grille	277.97	16.24
		For Anchoring Tabs, Add	*24.55*	
		For Rear Operated Opposed Blade Damper, Add	*89.17*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*61.37*	
		For Stainless Steel, Add	*319.14*	
23 37 13 43-0003	EA	8" x 6" Steel Security Grille	308.81	16.78
		For Anchoring Tabs, Add	*27.53*	
		For Rear Operated Opposed Blade Damper, Add	*99.69*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*68.81*	
		For Stainless Steel, Add	*357.83*	
23 37 13 43-0004	EA	8" x 8" Steel Security Grille	354.05	18.94
		For Anchoring Tabs, Add	*31.62*	
		For Rear Operated Opposed Blade Damper, Add	*114.45*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*79.04*	
		For Stainless Steel, Add	*411.01*	
23 37 13 43-0005	EA	10" x 4" Steel Security Grille	308.33	18.40
		For Anchoring Tabs, Add	*27.15*	
		For Rear Operated Opposed Blade Damper, Add	*98.72*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*67.88*	
		For Stainless Steel, Add	*352.99*	
23 37 13 43-0006	EA	10" x 6" Steel Security Grille	329.09	19.48
		For Anchoring Tabs, Add	*29.01*	
		For Rear Operated Opposed Blade Damper, Add	*105.44*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*72.53*	
		For Stainless Steel, Add	*377.16*	
23 37 13 43-0007	EA	10" x 8" Steel Security Grille	376.98	21.10
		For Anchoring Tabs, Add	*33.48*	
		For Rear Operated Opposed Blade Damper, Add	*121.39*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*83.69*	
		For Stainless Steel, Add	*435.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0008	EA	10" x 10" Steel Security Grille	421.13	22.74
		For Anchoring Tabs, Add	*37.57*	
		For Rear Operated Opposed Blade Damper, Add	*136.03*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*93.92*	
		For Stainless Steel, Add	*488.37*	
23 37 13 43-0009	EA	12" x 4" Steel Security Grille	323.82	20.57
		For Anchoring Tabs, Add	*28.27*	
		For Rear Operated Opposed Blade Damper, Add	*103.05*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*70.67*	
		For Stainless Steel, Add	*367.50*	
23 37 13 43-0010	EA	12" x 6" Steel Security Grille	361.62	22.74
		For Anchoring Tabs, Add	*31.62*	
		For Rear Operated Opposed Blade Damper, Add	*115.20*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*79.04*	
		For Stainless Steel, Add	*411.01*	
23 37 13 43-0011	EA	12" x 8" Steel Security Grille	413.23	24.36
		For Anchoring Tabs, Add	*36.45*	
		For Rear Operated Opposed Blade Damper, Add	*132.45*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*91.13*	
		For Stainless Steel, Add	*473.88*	
23 37 13 43-0012	EA	12" x 10" Steel Security Grille	449.94	25.98
		For Anchoring Tabs, Add	*39.80*	
		For Rear Operated Opposed Blade Damper, Add	*144.49*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*99.50*	
		For Stainless Steel, Add	*517.39*	
23 37 13 43-0013	EA	12" x 12" Steel Security Grille	497.83	27.60
		For Anchoring Tabs, Add	*44.26*	
		For Rear Operated Opposed Blade Damper, Add	*160.44*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*110.66*	
		For Stainless Steel, Add	*575.42*	
23 37 13 43-0014	EA	14" x 4" Steel Security Grille	345.65	22.19
		For Anchoring Tabs, Add	*30.13*	
		For Rear Operated Opposed Blade Damper, Add	*109.89*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*75.32*	
		For Stainless Steel, Add	*391.66*	
23 37 13 43-0015	EA	14" x 6" Steel Security Grille	389.83	23.81
		For Anchoring Tabs, Add	*34.22*	
		For Rear Operated Opposed Blade Damper, Add	*124.53*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*85.55*	
		For Stainless Steel, Add	*444.86*	
23 37 13 43-0016	EA	14" x 8" Steel Security Grille	435.06	25.98
		For Anchoring Tabs, Add	*38.31*	
		For Rear Operated Opposed Blade Damper, Add	*139.28*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*95.78*	
		For Stainless Steel, Add	*498.04*	
23 37 13 43-0017	EA	14" x 10" Steel Security Grille	491.47	28.15
		For Anchoring Tabs, Add	*43.52*	
		For Rear Operated Opposed Blade Damper, Add	*157.94*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*108.80*	
		For Stainless Steel, Add	*565.75*	
23 37 13 43-0018	EA	14" x 12" Steel Security Grille	541.51	30.85
		For Anchoring Tabs, Add	*47.98*	
		For Rear Operated Opposed Blade Damper, Add	*174.11*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*119.96*	
		For Stainless Steel, Add	*623.77*	
23 37 13 43-0019	EA	14" x 14" Steel Security Grille	583.04	33.01
		For Anchoring Tabs, Add	*51.70*	
		For Rear Operated Opposed Blade Damper, Add	*187.56*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*129.26*	
		For Stainless Steel, Add	*672.13*	
23 37 13 43-0020	EA	16" x 6" Steel Security Grille	416.47	25.98
		For Anchoring Tabs, Add	*36.45*	
		For Rear Operated Opposed Blade Damper, Add	*132.78*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*91.13*	
		For Stainless Steel, Add	*473.88*	
23 37 13 43-0021	EA	16" x 8" Steel Security Grille	476.59	28.15
		For Anchoring Tabs, Add	*42.03*	
		For Rear Operated Opposed Blade Damper, Add	*152.74*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*105.08*	
		For Stainless Steel, Add	*546.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0022	EA	16" x 10" Steel Security Grille	514.39	30.31
		For Anchoring Tabs, Add	*45.38*	
		For Rear Operated Opposed Blade Damper, Add	*164.88*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*113.45*	
		For Stainless Steel, Add	*589.91*	
23 37 13 43-0023	EA	16" x 12" Steel Security Grille	580.88	31.93
		For Anchoring Tabs, Add	*51.70*	
		For Rear Operated Opposed Blade Damper, Add	*187.34*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*129.26*	
		For Stainless Steel, Add	*672.13*	
23 37 13 43-0024	EA	16" x 14" Steel Security Grille	614.96	34.10
		For Anchoring Tabs, Add	*54.68*	
		For Rear Operated Opposed Blade Damper, Add	*198.19*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*136.69*	
		For Stainless Steel, Add	*710.80*	
23 37 13 43-0025	EA	16" x 16" Steel Security Grille	667.65	36.27
		For Anchoring Tabs, Add	*59.51*	
		For Rear Operated Opposed Blade Damper, Add	*215.55*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*148.78*	
		For Stainless Steel, Add	*773.67*	
23 37 13 43-0026	EA	18" x 6" Steel Security Grille	441.56	29.22
		For Anchoring Tabs, Add	*38.31*	
		For Rear Operated Opposed Blade Damper, Add	*139.93*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*95.78*	
		For Stainless Steel, Add	*498.04*	
23 37 13 43-0027	EA	18" x 8" Steel Security Grille	505.41	31.39
		For Anchoring Tabs, Add	*44.26*	
		For Rear Operated Opposed Blade Damper, Add	*161.20*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*110.66*	
		For Stainless Steel, Add	*575.42*	
23 37 13 43-0028	EA	18" x 10" Steel Security Grille	554.37	33.56
		For Anchoring Tabs, Add	*48.73*	
		For Rear Operated Opposed Blade Damper, Add	*177.25*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*121.82*	
		For Stainless Steel, Add	*633.44*	
23 37 13 43-0029	EA	18" x 12" Steel Security Grille	610.77	35.72
		For Anchoring Tabs, Add	*53.93*	
		For Rear Operated Opposed Blade Damper, Add	*195.91*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*134.83*	
		For Stainless Steel, Add	*701.13*	
23 37 13 43-0030	EA	18" x 14" Steel Security Grille	654.32	35.18
		For Anchoring Tabs, Add	*58.40*	
		For Rear Operated Opposed Blade Damper, Add	*211.42*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*145.99*	
		For Stainless Steel, Add	*759.16*	
23 37 13 43-0031	EA	18" x 16" Steel Security Grille	717.09	36.80
		For Anchoring Tabs, Add	*64.35*	
		For Rear Operated Opposed Blade Damper, Add	*232.58*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*160.87*	
		For Stainless Steel, Add	*836.52*	
23 37 13 43-0032	EA	18" x 18" Steel Security Grille	768.69	38.43
		For Anchoring Tabs, Add	*69.18*	
		For Rear Operated Opposed Blade Damper, Add	*249.83*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*172.96*	
		For Stainless Steel, Add	*899.39*	
23 37 13 43-0033	EA	20" x 6" Steel Security Grille	473.02	31.93
		For Anchoring Tabs, Add	*40.92*	
		For Rear Operated Opposed Blade Damper, Add	*149.59*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*102.29*	
		For Stainless Steel, Add	*531.90*	
23 37 13 43-0034	EA	20" x 8" Steel Security Grille	535.29	35.18
		For Anchoring Tabs, Add	*46.49*	
		For Rear Operated Opposed Blade Damper, Add	*169.76*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*116.24*	
		For Stainless Steel, Add	*604.42*	
23 37 13 43-0035	EA	20" x 10" Steel Security Grille	590.63	36.80
		For Anchoring Tabs, Add	*51.70*	
		For Rear Operated Opposed Blade Damper, Add	*188.32*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*129.26*	
		For Stainless Steel, Add	*672.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0036	EA	20" x 12" Steel Security Grille	650.74	38.97
		For Anchoring Tabs, Add	*57.28*	
		For Rear Operated Opposed Blade Damper, Add	*208.28*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*143.20*	
		For Stainless Steel, Add	*744.65*	
23 37 13 43-0037	EA	20" x 14" Steel Security Grille	717.21	40.59
		For Anchoring Tabs, Add	*63.60*	
		For Rear Operated Opposed Blade Damper, Add	*230.73*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*159.01*	
		For Stainless Steel, Add	*826.85*	
23 37 13 43-0038	EA	20" x 16" Steel Security Grille	776.27	42.22
		For Anchoring Tabs, Add	*69.18*	
		For Rear Operated Opposed Blade Damper, Add	*250.59*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*172.96*	
		For Stainless Steel, Add	*899.39*	
23 37 13 43-0039	EA	20" x 18" Steel Security Grille	831.58	43.84
		For Anchoring Tabs, Add	*74.39*	
		For Rear Operated Opposed Blade Damper, Add	*269.14*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*185.98*	
		For Stainless Steel, Add	*967.08*	
23 37 13 43-0040	EA	20" x 20" Steel Security Grille	898.06	45.46
		For Anchoring Tabs, Add	*80.71*	
		For Rear Operated Opposed Blade Damper, Add	*291.59*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*201.79*	
		For Stainless Steel, Add	*1,049.28*	
23 37 13 43-0041	EA	24" x 6" Steel Security Grille	525.21	35.72
		For Anchoring Tabs, Add	*45.38*	
		For Rear Operated Opposed Blade Damper, Add	*165.97*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*113.45*	
		For Stainless Steel, Add	*589.91*	
23 37 13 43-0042	EA	24" x 8" Steel Security Grille	594.95	38.97
		For Anchoring Tabs, Add	*51.70*	
		For Rear Operated Opposed Blade Damper, Add	*188.75*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*129.26*	
		For Stainless Steel, Add	*672.13*	
23 37 13 43-0043	EA	24" x 10" Steel Security Grille	652.91	40.05
		For Anchoring Tabs, Add	*57.28*	
		For Rear Operated Opposed Blade Damper, Add	*208.49*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*143.20*	
		For Stainless Steel, Add	*744.65*	
23 37 13 43-0044	EA	24" x 12" Steel Security Grille	732.23	44.38
		For Anchoring Tabs, Add	*64.35*	
		For Rear Operated Opposed Blade Damper, Add	*234.09*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*160.87*	
		For Stainless Steel, Add	*836.52*	
23 37 13 43-0045	EA	24" x 14" Steel Security Grille	791.26	46.01
		For Anchoring Tabs, Add	*69.93*	
		For Rear Operated Opposed Blade Damper, Add	*253.94*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*174.82*	
		For Stainless Steel, Add	*909.05*	
23 37 13 43-0046	EA	24" x 16" Steel Security Grille	865.19	47.63
		For Anchoring Tabs, Add	*77.00*	
		For Rear Operated Opposed Blade Damper, Add	*279.01*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*192.49*	
		For Stainless Steel, Add	*1,000.94*	
23 37 13 43-0047	EA	24" x 18" Steel Security Grille	950.26	49.25
		For Anchoring Tabs, Add	*85.18*	
		For Rear Operated Opposed Blade Damper, Add	*307.97*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*212.95*	
		For Stainless Steel, Add	*1,107.31*	
23 37 13 43-0048	EA	24" x 20" Steel Security Grille	1,009.29	50.87
		For Anchoring Tabs, Add	*90.76*	
		For Rear Operated Opposed Blade Damper, Add	*327.82*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*226.89*	
		For Stainless Steel, Add	*1,179.84*	
23 37 13 43-0049	EA	24" x 24" Steel Security Grille	1,134.82	54.13
		For Anchoring Tabs, Add	*102.66*	
		For Rear Operated Opposed Blade Damper, Add	*370.13*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*256.65*	
		For Stainless Steel, Add	*1,334.58*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 23		**HVAC Gravity Ventilators** *(23 37)*		
23 37 23 13		**HVAC Gravity Dome Ventilators** *(23 37 23)*		
23 37 23 13-0001		Rectangular Gravity Intake/Relief Ventilator Hood *(23 37 23 13)* Note: Includes flange base and bird screen. Excludes curb.		
23 37 23 13-0002	EA	8" x 8" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	843.85	62.65
23 37 23 13-0003	EA	8" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	893.71	71.72
23 37 23 13-0004	EA	8" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,117.23	89.22
23 37 23 13-0005	EA	8" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,190.04	94.95
23 37 23 13-0006	EA	8" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,389.32	110.50
23 37 23 13-0007	EA	10" x 10" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	994.39	71.29
23 37 23 13-0008	EA	12" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,093.90	80.37
23 37 23 13-0009	EA	12" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,268.13	86.41
23 37 23 13-0010	EA	12" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,382.57	104.73
23 37 23 13-0011	EA	12" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,589.55	112.33
23 37 23 13-0012	EA	12" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,796.33	119.24
23 37 23 13-0013	EA	14" x 14" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,186.89	81.33
23 37 23 13-0014	EA	14" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,352.54	92.68
23 37 23 13-0015	EA	14" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,518.19	104.02
23 37 23 13-0016	EA	14" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,711.34	117.30
23 37 23 13-0017	EA	14" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,932.23	132.43
23 37 23 13-0018	EA	16" x 16" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,435.28	98.40
23 37 23 13-0019	EA	16" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,490.53	102.18
23 37 23 13-0020	EA	16" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,656.16	113.52
23 37 23 13-0021	EA	16" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,876.94	128.65
23 37 23 13-0022	EA	16" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,097.73	143.76
23 37 23 13-0023	EA	16" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,401.38	164.61
23 37 23 13-0024	EA	18" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,426.45	96.99
23 37 23 13-0025	EA	18" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,659.83	112.88
23 37 23 13-0026	EA	18" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,893.31	128.76
23 37 23 13-0027	EA	18" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,152.65	146.36
23 37 23 13-0028	EA	18" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,386.03	162.23
23 37 23 13-0029	EA	20" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,500.01	107.59
23 37 23 13-0030	EA	20" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,696.68	121.73
23 37 23 13-0031	EA	20" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,893.45	135.77
23 37 23 13-0032	EA	20" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,188.56	156.94
23 37 23 13-0033	EA	20" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,409.82	172.83
23 37 23 13-0034	EA	24" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,894.83	144.63
23 37 23 13-0035	EA	24" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,102.77	160.51
23 37 23 13-0036	EA	24" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,403.22	183.41
23 37 23 13-0037	EA	24" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,634.27	201.01
23 37 23 13-0038	EA	24" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,888.46	220.46
23 37 23 13-0039	EA	30" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,275.57	164.61
23 37 23 13-0040	EA	30" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,507.35	181.36
23 37 23 13-0041	EA	30" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,760.27	199.61
23 37 23 13-0042	EA	30" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,013.09	217.97
23 37 23 13-0043	EA	30" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,666.22	265.17
23 37 23 13-0044	EA	30" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,919.15	283.43
23 37 23 13-0045	EA	36" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,630.76	204.26
23 37 23 13-0046	EA	36" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,885.92	224.02
23 37 23 13-0047	EA	36" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,455.25	268.20
23 37 23 13-0048	EA	36" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,847.86	298.66
23 37 23 13-0049	EA	36" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,083.51	317.02
23 37 23 13-0050	EA	36" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,397.60	341.33
23 37 23 13-0051	EA	36" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,947.33	383.99
23 37 23 13-0052	EA	42" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,131.93	228.66
23 37 23 13-0053	EA	42" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,888.47	283.87
23 37 23 13-0054	EA	42" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,433.97	323.72
23 37 23 13-0055	EA	42" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,592.26	335.28
23 37 23 13-0056	EA	42" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,120.13	373.73
23 37 23 13-0057	EA	42" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,630.36	410.99
23 37 23 13-0058	EA	48" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,147.87	330.09
23 37 23 13-0059	EA	48" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,486.88	357.10
23 37 23 13-0060	EA	48" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,825.79	384.10
23 37 23 13-0061	EA	48" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,358.40	426.44
23 37 23 13-0062	EA	48" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,664.98	432.05
23 37 23 13-0063	EA	54" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,809.80	372.11
23 37 23 13-0064	EA	54" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,395.19	417.37
23 37 23 13-0065	EA	54" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,854.07	452.90
23 37 23 13-0066	EA	54" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,233.69	482.29
23 37 23 13-0067	EA	60" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,994.86	463.27
23 37 23 13-0068	EA	60" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,298.80	493.85
23 37 23 13-0069	EA	60" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,753.34	531.76
23 37 23 13-0070	EA	66" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,315.45	534.24
23 37 23 13-0071	EA	66" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,385.19	624.75
23 37 23 13-0072	EA	72" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,583.24	576.04
23 37 23 13-0073		Round Gravity Relief Ventilator Hood *(23 37 23 13)* Note: Includes integral birdscreen and built-in curb cap with prepunched holes.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 23 13-0074	EA	22" x 22" Base/Panel, 12" x 12" Throat, Aluminum, Gravity Intake/Relief Ventilator Hood (Greenheck GRS)	545.43	80.37

23 38 Ventilation Hoods *(23 30)*

23 38 13 Commercial-Kitchen Hoods *(23 38)*

23 38 13 13 Listed Commercial-Kitchen Hoods *(23 38 13)*

23 38 13 13-0001 Universal Ventless Hood *(23 38 13 13)*

23 38 13 13-0002	EA	109" Wide x 50" Deep x 102" High, Ventless Exhaust Hood With Stand, (Wells WVU-96)	50,452.78	459.82

23 38 13 16 Standard Commercial-Kitchen Hoods *(23 38 13)*

23 38 13 16-0001 Commercial Kitchen Hood Ventilation System *(23 38 13 16)*
Note: Excludes fire suppression. See CSI section 23 34 16 00-0108 for exhaust and supply fans.

23 38 13 16-0002 Dry Filter Exhaust Hoods *(23 38 13 16-0001)*
Note: Includes stainless steel filters, exhaust damper and 48" long fluorescent light fixtures.

23 38 13 16-0003	EA	8' Long x 60" Deep Dry Filter Exhaust Hood	11,853.13	862.71
23 38 13 16-0004	EA	8'-6" Long x 60" Deep Dry Filter Exhaust Hood	12,343.75	916.64
23 38 13 16-0005	EA	9' Long x 60" Deep Dry Filter Exhaust Hood	13,778.92	970.55
23 38 13 16-0006	EA	9'-6" Long x 60" Deep Dry Filter Exhaust Hood	14,191.31	1,024.47
23 38 13 16-0007	EA	10' Long x 60" Deep Dry Filter Exhaust Hood	14,695.95	1,078.39
23 38 13 16-0008	EA	10'-6" Long x 60" Deep Dry Filter Exhaust Hood	15,230.09	1,132.31
23 38 13 16-0009	EA	11' Long x 60" Deep Dry Filter Exhaust Hood	15,735.37	1,186.23
23 38 13 16-0010	EA	11'-6" Long x 60" Deep Dry Filter Exhaust Hood	16,256.44	1,240.14
23 38 13 16-0011	EA	12' Long x 60" Deep Dry Filter Exhaust Hood	16,837.69	1,294.07
23 38 13 16-0012	EA	12'-6" Long x 60" Deep Dry Filter Exhaust Hood	17,340.26	1,347.99
23 38 13 16-0013	EA	13' Long x 60" Deep Dry Filter Exhaust Hood	17,753.70	1,401.91
23 38 13 16-0014	EA	13'-6" Long x 60" Deep Dry Filter Exhaust Hood	18,458.86	1,455.83
23 38 13 16-0015	EA	14' Long x 60" Deep Dry Filter Exhaust Hood	20,683.06	1,509.75
23 38 13 16-0016	EA	14'-6" Long x 60" Deep Dry Filter Exhaust Hood	21,236.94	1,563.66
23 38 13 16-0017	EA	15" Long x 60" Deep Dry Filter Exhaust Hood	21,995.23	1,617.58
23 38 13 16-0018	EA	15"-6" Long x 60" Deep Dry Filter Exhaust Hood	22,562.12	1,671.51
23 38 13 16-0019	EA	16' Long x 60" Deep Dry Filter Exhaust Hood	23,416.43	1,725.43

23 38 13 16-0020 Dry Extractor Exhaust Hoods *(23 38 13 16-0001)*
Note: Includes extractor inserts, exhaust damper, 48" long fluorescent light fixtures, and UDS filler panels.

23 38 13 16-0021	EA	8' Long x 60" Deep Dry Extractor Exhaust Hood	16,673.54	862.71
23 38 13 16-0022	EA	8'-6" Long x 60" Deep Dry Extractor Exhaust Hood	17,194.67	916.64
23 38 13 16-0023	EA	9' Long x 60" Deep Dry Extractor Exhaust Hood	18,721.37	970.55
23 38 13 16-0024	EA	9'-6" Long x 60" Deep Dry Extractor Exhaust Hood	19,255.79	1,024.47
23 38 13 16-0025	EA	10' Long x 60" Deep Dry Extractor Exhaust Hood	19,790.94	1,078.39
23 38 13 16-0026	EA	10'-6" Long x 60" Deep Dry Extractor Exhaust Hood	20,294.57	1,132.31
23 38 13 16-0027	EA	11' Long x 60" Deep Dry Extractor Exhaust Hood	20,830.36	1,186.23
23 38 13 16-0028	EA	11'-6" Long x 60" Deep Dry Extractor Exhaust Hood	21,336.17	1,240.14
23 38 13 16-0029	EA	12' Long x 60" Deep Dry Extractor Exhaust Hood	21,810.64	1,294.07
23 38 13 16-0030	EA	12'-6" Long x 60" Deep Dry Extractor Exhaust Hood	22,496.27	1,347.99
23 38 13 16-0031	EA	13' Long x 60" Deep Dry Extractor Exhaust Hood	23,291.07	1,401.91
23 38 13 16-0032	EA	13'-6" Long x 60" Deep Dry Extractor Exhaust Hood	24,133.52	1,455.83
23 38 13 16-0033	EA	14' Long x 60" Deep Dry Extractor Exhaust Hood	25,915.34	1,509.75
23 38 13 16-0034	EA	14'-6" Long x 60" Deep Dry Extractor Exhaust Hood	26,774.31	1,563.66
23 38 13 16-0035	EA	15" Long x 60" Deep Dry Extractor Exhaust Hood	28,463.12	1,617.58
23 38 13 16-0036	EA	15"-6" Long x 60" Deep Dry Extractor Exhaust Hood	30,174.10	1,671.51
23 38 13 16-0037	EA	16' Long x 60" Deep Dry Extractor Exhaust Hood	31,867.40	1,725.43

23 38 13 16-0038 Single Manifold Water Wash Exhaust Hoods *(23 38 13 16-0001)*
Note: Includes extraction baffles, 48" long fluorescent light fixtures, and UDS filler panels. Excludes fan wash control panel.

23 38 13 16-0039	EA	8' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	17,893.90	862.71
23 38 13 16-0040	EA	8'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	18,445.54	916.64
23 38 13 16-0041	EA	9' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	20,002.74	970.55
23 38 13 16-0042	EA	9'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	20,552.42	1,024.47
23 38 13 16-0043	EA	10' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	21,133.33	1,078.39
23 38 13 16-0044	EA	10'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	21,667.47	1,132.31
23 38 13 16-0045	EA	11' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	22,218.51	1,186.23
23 38 13 16-0046	EA	11'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	22,770.09	1,240.14
23 38 13 16-0047	EA	12' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	23,259.81	1,294.07
23 38 13 16-0048	EA	12'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	24,006.46	1,347.99
23 38 13 16-0049	EA	13' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	24,862.28	1,401.91
23 38 13 16-0050	EA	13'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	25,765.75	1,455.83
23 38 13 16-0051	EA	14' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	27,608.59	1,509.75
23 38 13 16-0052	EA	14'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	28,528.58	1,563.66
23 38 13 16-0053	EA	15" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	30,385.18	1,617.58
23 38 13 16-0054	EA	15"-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	31,302.93	1,671.51
23 38 13 16-0055	EA	16' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	32,218.25	1,725.43
23 38 13 16-0056	EA	Fan Wash Control Panel Note: Includes time clock and backflow preventer.	12,879.19	431.35

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 38 13 16-0057		Utility Distribution System (UDS) *(23 38 13 16-0001)* Note: Includes "L" shaped primary riser, secondary riser, horizontal mechanical and electrical raceway; 2" IPS looped gas manifold with two (2) solenoid gas valves; 1" hot water manifold; 1" cold water manifold; 100 Amp 120-208 VAC/3 Ph/60 Hz main shunt trip connectors; equipment restraints; flexible drain connectors; and power interruption device. Excludes main shunt breaker.		
23 38 13 16-0058	EA	8' Long UDS	34,716.52	438.69
23 38 13 16-0059	EA	8'-6" Long UDS	35,741.63	449.37
23 38 13 16-0060	EA	9' Long UDS	36,755.57	459.82
23 38 13 16-0061	EA	9'-6" Long UDS	37,778.05	474.49
23 38 13 16-0062	EA	10' Long UDS	38,794.43	486.14
23 38 13 16-0063	EA	10'-6" Long UDS	39,801.19	498.43
23 38 13 16-0064	EA	11' Long UDS	40,822.07	506.95
23 38 13 16-0065	EA	11'-6" Long UDS	41,841.79	520.33
23 38 13 16-0066	EA	12' Long UDS	42,872.68	539.20
23 38 13 16-0067	EA	12'-6" Long UDS	43,917.08	564.86
23 38 13 16-0068	EA	13' Long UDS	44,943.35	581.47
23 38 13 16-0069	EA	13'-6" Long UDS	45,983.87	605.19
23 38 13 16-0070	EA	14' Long UDS	47,015.14	624.28
23 38 13 16-0071	EA	14'-6" Long UDS	48,048.90	644.67
23 38 13 16-0072	EA	15' Long UDS	49,085.42	666.45
23 38 13 16-0073	EA	15'-6" Long UDS	50,124.94	689.63
23 38 13 16-0074	EA	16' Long UDS	51,150.84	706.13
23 38 13 16-0075		Stainless Steel Exhaust Hood Material *(23 38 13 16)* Note: Welded seams.		
23 38 13 16-0076	SF	16 Gauge, Type 304, Stainless Steel Exhaust Hood Material	42.08	14.54
		For Type 316 Stainless Steel, Add	*1.19*	
23 38 13 16-0077	SF	14 Gauge, Type 304, Stainless Steel Exhaust Hood Material	52.59	19.38
		For Type 316 Stainless Steel, Add	*1.49*	
23 38 13 16-0078	SF	12 Gauge, Type 304, Stainless Steel Exhaust Hood Material	73.03	26.16
		For Type 316 Stainless Steel, Add	*2.09*	
23 38 13 16-0079	SF	10 Gauge, Type 304, Stainless Steel Exhaust Hood Material	91.41	31.97
		For Type 316 Stainless Steel, Add	*2.68*	
23 38 13 16-0080		Kitchen Exhaust Hood *(23 38 13 16)*		
23 38 13 16-0081	EA	10' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System With PSP Makeup Air (Halifax LPSHP1048) Note: Ductwork connections by others.	9,919.25	1,994.17
		For Type 316 Stainless Steel, Add	*593.09*	
23 38 13 16-0082	EA	8' x 4', Type 1, Commercial Kitchen Hood System With Short Cycle Makeup Air (Halifax SCHP848) Note: Ductwork connections by others.	9,121.59	1,595.33
		For Type 316 Stainless Steel, Add	*593.09*	
23 38 13 16-0083	EA	4' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System (Halifax LEXHP448) Note: Ductwork connections by others.	4,974.81	797.67
		For Type 316 Stainless Steel, Add	*337.95*	
23 38 13 16-0084	EA	6' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System (Halifax LEXHP648) Note: Ductwork connections by others.	6,351.64	1,196.50
		For Type 316 Stainless Steel, Add	*395.86*	
23 38 13 16-0085	EA	5' x 4', Type 1, Commercial Kitchen Hood System (Halifax EXHP548) Note: Ductwork connections by others.	5,749.32	997.09
		For Type 316 Stainless Steel, Add	*375.52*	

23 40 HVAC Air Cleaning Devices *(23)*

23 41 Particulate Air Filtration *(23 40)*

23 41 13 Panel Air Filters *(23 41)*

23 41 13 00-0001		Disposable Fiberglass Air Filters *(23 41 13)*		
23 41 13 00-0002	EA	8" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.65	5.20
23 41 13 00-0003	EA	8" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.65	5.20
23 41 13 00-0004	EA	8" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.36	5.20
23 41 13 00-0005	EA	10" x 10" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.21	5.44
23 41 13 00-0006	EA	10" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.21	5.44
23 41 13 00-0007	EA	10" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.21	5.44
23 41 13 00-0008	EA	10" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.21	5.44
23 41 13 00-0009	EA	10" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.44	5.44
23 41 13 00-0010	EA	12" x 12" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.91	5.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0011	EA	12" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.88	5.68
23 41 13 00-0012	EA	12" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.22	5.68
23 41 13 00-0013	EA	12" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.22	5.68
23 41 13 00-0014	EA	12" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.22	5.68
23 41 13 00-0015	EA	12" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.82	5.68
23 41 13 00-0016	EA	12" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.80	5.68
23 41 13 00-0017	EA	14" x 14" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.92	6.00
23 41 13 00-0018	EA	14" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.41	6.00
23 41 13 00-0019	EA	14" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.97	6.00
23 41 13 00-0020	EA	14" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.92	6.00
23 41 13 00-0021	EA	14" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.97	6.00
23 41 13 00-0022	EA	14" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.82	6.00
23 41 13 00-0023	EA	15" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.10	6.17
23 41 13 00-0024	EA	15" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.10	6.17
23 41 13 00-0025	EA	15" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.45	6.17
23 41 13 00-0026	EA	16" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.23	6.26
23 41 13 00-0027	EA	16" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.85	6.26
23 41 13 00-0028	EA	16" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.29	6.26
23 41 13 00-0029	EA	16" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.24	6.26
23 41 13 00-0030	EA	16" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.66	6.26
23 41 13 00-0031	EA	16" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.56	6.26
23 41 13 00-0032	EA	16" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	21.18	6.26
23 41 13 00-0033	EA	16" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.88	6.26
23 41 13 00-0034	EA	18" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.57	6.50
23 41 13 00-0035	EA	18" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.20	6.50
23 41 13 00-0036	EA	18" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.57	6.50
23 41 13 00-0037	EA	18" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.83	6.50
23 41 13 00-0038	EA	18" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.66	6.50
23 41 13 00-0039	EA	18" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.76	6.50
23 41 13 00-0040	EA	19" x 27" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.34	6.82
23 41 13 00-0041	EA	20" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.42	6.82
23 41 13 00-0042	EA	20" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.71	6.82
23 41 13 00-0043	EA	20" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.94	6.82
23 41 13 00-0044	EA	20" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.50	6.82
23 41 13 00-0045	EA	20" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	21.95	6.82
23 41 13 00-0046	EA	20" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	19.61	6.82
23 41 13 00-0047	EA	21" x 21" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.64	6.90
23 41 13 00-0048	EA	22" x 22" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.78	6.98
23 41 13 00-0049	EA	24" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.89	7.06
23 41 13 00-0050	EA	24" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.53	7.06
23 41 13 00-0051	EA	24" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	24.02	7.06
23 41 13 00-0052	EA	25" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.00	7.14

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0053	EA	25" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	24.52	7.14
23 41 13 00-0054	EA	10" x 10" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.17	5.44
23 41 13 00-0055	EA	10" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.09	5.44
23 41 13 00-0056	EA	12" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.43	5.68
23 41 13 00-0057	EA	14" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.86	6.00
23 41 13 00-0058	EA	14" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.86	6.00
23 41 13 00-0059	EA	15" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.19	6.17
23 41 13 00-0060	EA	16" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.05	6.26
23 41 13 00-0061	EA	16" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.89	6.26
23 41 13 00-0062	EA	16" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.29	6.26
23 41 13 00-0063	EA	18" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.31	6.50
23 41 13 00-0064	EA	20" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.86	6.82
23 41 13 00-0065	EA	20" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.59	6.82
23 41 13 00-0066	EA	20" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.59	6.82
23 41 13 00-0067	EA	24" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.20	7.06
23 41 13 00-0068	EA	25" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.31	7.14
23 41 13 00-0069		**Disposable Pleated Air Filters** *(23 41 13)*		
23 41 13 00-0070	EA	10" x 20" x 1" Disposable Pleated Air Filter, MERV 8	13.30	5.44
23 41 13 00-0071	EA	10" x 24" x 1" Disposable Pleated Air Filter, MERV 8	20.44	5.44
23 41 13 00-0072	EA	10" x 30" x 1" Disposable Pleated Air Filter, MERV 8	26.08	5.44
23 41 13 00-0073	EA	12" x 12" x 1" Disposable Pleated Air Filter, MERV 8	17.48	5.68
23 41 13 00-0074	EA	12" x 20" x 1" Disposable Pleated Air Filter, MERV 8	16.15	5.68
23 41 13 00-0075	EA	12" x 24" x 1" Disposable Pleated Air Filter, MERV 8	15.94	5.68
23 41 13 00-0076	EA	12" x 25" x 1" Disposable Pleated Air Filter, MERV 8	15.94	5.68
23 41 13 00-0077	EA	12" x 30" x 1" Disposable Pleated Air Filter, MERV 8	26.41	5.68
23 41 13 00-0078	EA	14" x 14" x 1" Disposable Pleated Air Filter, MERV 8	19.89	6.00
23 41 13 00-0079	EA	14" x 20" x 1" Disposable Pleated Air Filter, MERV 8	16.58	6.00
23 41 13 00-0080	EA	14" x 24" x 1" Disposable Pleated Air Filter, MERV 8	21.58	6.00
23 41 13 00-0081	EA	14" x 25" x 1" Disposable Pleated Air Filter, MERV 8	17.19	6.00
23 41 13 00-0082	EA	14" x 30" x 1" Disposable Pleated Air Filter, MERV 8	25.33	6.00
23 41 13 00-0083	EA	15" x 20" x 1" Disposable Pleated Air Filter, MERV 8	16.92	6.17
23 41 13 00-0084	EA	16" x 16" x 1" Disposable Pleated Air Filter, MERV 8	20.21	6.26
23 41 13 00-0085	EA	16" x 20" x 1" Disposable Pleated Air Filter, MERV 8	16.62	6.26
23 41 13 00-0086	EA	16" x 24" x 1" Disposable Pleated Air Filter, MERV 8	19.64	6.26
23 41 13 00-0087	EA	16" x 25" x 1" Disposable Pleated Air Filter, MERV 8	17.30	6.26
23 41 13 00-0088	EA	16" x 30" x 1" Disposable Pleated Air Filter, MERV 8	25.65	6.26
23 41 13 00-0089	EA	18" x 18" x 1" Disposable Pleated Air Filter, MERV 8	27.49	6.50
23 41 13 00-0090	EA	18" x 20" x 1" Disposable Pleated Air Filter, MERV 8	19.93	6.50
23 41 13 00-0091	EA	18" x 24" x 1" Disposable Pleated Air Filter, MERV 8	19.55	6.50
23 41 13 00-0092	EA	18" x 25" x 1" Disposable Pleated Air Filter, MERV 8	19.29	6.50
23 41 13 00-0093	EA	18" x 30" x 1" Disposable Pleated Air Filter, MERV 8	27.67	6.50
23 41 13 00-0094	EA	20" x 20" x 1" Disposable Pleated Air Filter, MERV 8	18.18	6.82
23 41 13 00-0095	EA	20" x 24" x 1" Disposable Pleated Air Filter, MERV 8	19.55	6.82
23 41 13 00-0096	EA	20" x 25" x 1" Disposable Pleated Air Filter, MERV 8	19.32	6.82
23 41 13 00-0097	EA	20" x 30" x 1" Disposable Pleated Air Filter, MERV 8	22.06	6.82
23 41 13 00-0098	EA	22" x 22" x 1" Disposable Pleated Air Filter, MERV 8	27.12	6.98
23 41 13 00-0099	EA	24" x 24" x 1" Disposable Pleated Air Filter, MERV 8	20.87	7.06
23 41 13 00-0100	EA	24" x 30" x 1" Disposable Pleated Air Filter, MERV 8	33.82	7.06
23 41 13 00-0101	EA	25" x 25" x 1" Disposable Pleated Air Filter, MERV 8	22.17	7.14
23 41 13 00-0102	EA	10" x 20" x 2" Disposable Pleated Air Filter, MERV 8	15.96	5.44
23 41 13 00-0103	EA	12" x 12" x 2" Disposable Pleated Air Filter, MERV 8	21.19	5.68
23 41 13 00-0104	EA	12" x 20" x 2" Disposable Pleated Air Filter, MERV 8	16.73	5.68
23 41 13 00-0105	EA	12" x 24" x 2" Disposable Pleated Air Filter, MERV 8	16.45	5.68
23 41 13 00-0106	EA	14" x 20" x 2" Disposable Pleated Air Filter, MERV 8	17.39	6.00
23 41 13 00-0107	EA	14" x 25" x 2" Disposable Pleated Air Filter, MERV 8	18.23	6.00
23 41 13 00-0108	EA	15" x 20" x 2" Disposable Pleated Air Filter, MERV 8	17.61	6.17
23 41 13 00-0109	EA	16" x 16" x 2" Disposable Pleated Air Filter, MERV 8	22.52	6.26
23 41 13 00-0110	EA	16" x 20" x 2" Disposable Pleated Air Filter, MERV 8	17.20	6.26
23 41 13 00-0111	EA	16" x 24" x 2" Disposable Pleated Air Filter, MERV 8	19.85	6.26
23 41 13 00-0112	EA	16" x 25" x 2" Disposable Pleated Air Filter, MERV 8	18.27	6.26
23 41 13 00-0113	EA	18" x 18" x 2" Disposable Pleated Air Filter, MERV 8	26.18	6.50
23 41 13 00-0114	EA	18" x 20" x 2" Disposable Pleated Air Filter, MERV 8	22.10	6.50
23 41 13 00-0115	EA	18" x 24" x 2" Disposable Pleated Air Filter, MERV 8	19.93	6.50
23 41 13 00-0116	EA	18" x 25" x 2" Disposable Pleated Air Filter, MERV 8	20.76	6.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0117	EA	20" x 20" x 2" Disposable Pleated Air Filter, MERV 8	19.25	6.82
23 41 13 00-0118	EA	20" x 24" x 2" Disposable Pleated Air Filter, MERV 8	20.76	6.82
23 41 13 00-0119	EA	20" x 25" x 2" Disposable Pleated Air Filter, MERV 8	20.49	6.82
23 41 13 00-0120	EA	20" x 30" x 2" Disposable Pleated Air Filter, MERV 8	30.33	6.82
23 41 13 00-0121	EA	24" x 24" x 2" Disposable Pleated Air Filter, MERV 8	22.03	7.06
23 41 13 00-0122	EA	25" x 25" x 2" Disposable Pleated Air Filter, MERV 8	24.51	7.14
23 41 13 00-0123	EA	12" x 24" x 4" Disposable Pleated Air Filter, MERV 8	25.99	5.68
23 41 13 00-0124	EA	16" x 20" x 4" Disposable Pleated Air Filter, MERV 8	28.05	6.26
23 41 13 00-0125	EA	16" x 25" x 4" Disposable Pleated Air Filter, MERV 8	30.10	6.26
23 41 13 00-0126	EA	18" x 24" x 4" Disposable Pleated Air Filter, MERV 8	32.54	6.50
23 41 13 00-0127	EA	20" x 20" x 4" Disposable Pleated Air Filter, MERV 8	30.76	6.82
23 41 13 00-0128	EA	20" x 24" x 4" Disposable Pleated Air Filter, MERV 8	33.63	6.82
23 41 13 00-0129	EA	20" x 25" x 4" Disposable Pleated Air Filter, MERV 8	33.89	6.82
23 41 13 00-0130	EA	24" x 24" x 4" Disposable Pleated Air Filter, MERV 8	37.09	7.06
23 41 13 00-0131	EA	10" x 20" x 1" Disposable Pleated Air Filter, MERV 11	23.57	5.44
23 41 13 00-0132	EA	10" x 24" x 1" Disposable Pleated Air Filter, MERV 11	23.57	5.44
23 41 13 00-0133	EA	10" x 30" x 1" Disposable Pleated Air Filter, MERV 11	30.98	5.44
23 41 13 00-0134	EA	12" x 12" x 1" Disposable Pleated Air Filter, MERV 11	25.01	5.68
23 41 13 00-0135	EA	12" x 20" x 1" Disposable Pleated Air Filter, MERV 11	24.34	5.68
23 41 13 00-0136	EA	12" x 24" x 1" Disposable Pleated Air Filter, MERV 11	24.23	5.68
23 41 13 00-0137	EA	12" x 30" x 1" Disposable Pleated Air Filter, MERV 11	35.26	5.68
23 41 13 00-0138	EA	14" x 14" x 1" Disposable Pleated Air Filter, MERV 11	28.52	6.00
23 41 13 00-0139	EA	14" x 20" x 1" Disposable Pleated Air Filter, MERV 11	24.94	6.00
23 41 13 00-0140	EA	14" x 24" x 1" Disposable Pleated Air Filter, MERV 11	32.65	6.00
23 41 13 00-0141	EA	14" x 25" x 1" Disposable Pleated Air Filter, MERV 11	31.90	6.00
23 41 13 00-0142	EA	14" x 30" x 1" Disposable Pleated Air Filter, MERV 11	37.71	6.00
23 41 13 00-0143	EA	15" x 20" x 1" Disposable Pleated Air Filter, MERV 11	23.84	6.17
23 41 13 00-0144	EA	16" x 16" x 1" Disposable Pleated Air Filter, MERV 11	34.39	6.26
23 41 13 00-0145	EA	16" x 20" x 1" Disposable Pleated Air Filter, MERV 11	22.14	6.26
23 41 13 00-0146	EA	16" x 24" x 1" Disposable Pleated Air Filter, MERV 11	29.01	6.26
23 41 13 00-0147	EA	16" x 25" x 1" Disposable Pleated Air Filter, MERV 11	26.53	6.26
23 41 13 00-0148	EA	16" x 30" x 1" Disposable Pleated Air Filter, MERV 11	35.54	6.26
23 41 13 00-0149	EA	18" x 18" x 1" Disposable Pleated Air Filter, MERV 11	36.34	6.50
23 41 13 00-0150	EA	18" x 20" x 1" Disposable Pleated Air Filter, MERV 11	30.60	6.50
23 41 13 00-0151	EA	18" x 24" x 1" Disposable Pleated Air Filter, MERV 11	27.43	6.50
23 41 13 00-0152	EA	18" x 25" x 1" Disposable Pleated Air Filter, MERV 11	29.34	6.50
23 41 13 00-0153	EA	18" x 30" x 1" Disposable Pleated Air Filter, MERV 11	41.29	6.50
23 41 13 00-0154	EA	20" x 20" x 1" Disposable Pleated Air Filter, MERV 11	27.48	6.82
23 41 13 00-0155	EA	20" x 24" x 1" Disposable Pleated Air Filter, MERV 11	30.32	6.82
23 41 13 00-0156	EA	20" x 25" x 1" Disposable Pleated Air Filter, MERV 11	30.62	6.82
23 41 13 00-0157	EA	20" x 30" x 1" Disposable Pleated Air Filter, MERV 11	35.91	6.82
23 41 13 00-0158	EA	22" x 22" x 1" Disposable Pleated Air Filter, MERV 11	39.89	6.98
23 41 13 00-0159	EA	24" x 24" x 1" Disposable Pleated Air Filter, MERV 11	33.31	7.06
23 41 13 00-0160	EA	24" x 30" x 1" Disposable Pleated Air Filter, MERV 11	43.68	7.06
23 41 13 00-0161	EA	25" x 25" x 1" Disposable Pleated Air Filter, MERV 11	37.68	7.14
23 41 13 00-0162	EA	10" x 20" x 2" Disposable Pleated Air Filter, MERV 11	24.01	5.44
23 41 13 00-0163	EA	12" x 12" x 2" Disposable Pleated Air Filter, MERV 11	25.30	5.68
23 41 13 00-0164	EA	12" x 20" x 2" Disposable Pleated Air Filter, MERV 11	23.98	5.68
23 41 13 00-0165	EA	12" x 24" x 2" Disposable Pleated Air Filter, MERV 11	28.40	5.68
23 41 13 00-0166	EA	14" x 20" x 2" Disposable Pleated Air Filter, MERV 11	25.24	6.00
23 41 13 00-0167	EA	14" x 25" x 2" Disposable Pleated Air Filter, MERV 11	26.52	6.00
23 41 13 00-0168	EA	15" x 20" x 2" Disposable Pleated Air Filter, MERV 11	25.93	6.17
23 41 13 00-0169	EA	16" x 16" x 2" Disposable Pleated Air Filter, MERV 11	35.14	6.26
23 41 13 00-0170	EA	16" x 20" x 2" Disposable Pleated Air Filter, MERV 11	30.41	6.26
23 41 13 00-0171	EA	16" x 24" x 2" Disposable Pleated Air Filter, MERV 11	29.61	6.26
23 41 13 00-0172	EA	16" x 25" x 2" Disposable Pleated Air Filter, MERV 11	33.72	6.26
23 41 13 00-0173	EA	18" x 18" x 2" Disposable Pleated Air Filter, MERV 11	40.66	6.50
23 41 13 00-0174	EA	18" x 20" x 2" Disposable Pleated Air Filter, MERV 11	31.94	6.50
23 41 13 00-0175	EA	18" x 24" x 2" Disposable Pleated Air Filter, MERV 11	36.66	6.50
23 41 13 00-0176	EA	18" x 25" x 2" Disposable Pleated Air Filter, MERV 11	31.57	6.50
23 41 13 00-0177	EA	20" x 20" x 2" Disposable Pleated Air Filter, MERV 11	35.10	6.82
23 41 13 00-0178	EA	20" x 24" x 2" Disposable Pleated Air Filter, MERV 11	37.73	6.82
23 41 13 00-0179	EA	20" x 25" x 2" Disposable Pleated Air Filter, MERV 11	38.11	6.82
23 41 13 00-0180	EA	24" x 24" x 2" Disposable Pleated Air Filter, MERV 11	38.05	7.06
23 41 13 00-0181	EA	25" x 25" x 2" Disposable Pleated Air Filter, MERV 11	38.54	7.14
23 41 13 00-0182	EA	12" x 24" x 4" Disposable Pleated Air Filter, MERV 11	46.97	5.68
23 41 13 00-0183	EA	16" x 20" x 4" Disposable Pleated Air Filter, MERV 11	48.01	6.26
23 41 13 00-0184	EA	16" x 25" x 4" Disposable Pleated Air Filter, MERV 11	57.44	6.26
23 41 13 00-0185	EA	18" x 24" x 4" Disposable Pleated Air Filter, MERV 11	57.31	6.50
23 41 13 00-0186	EA	20" x 20" x 4" Disposable Pleated Air Filter, MERV 11	57.02	6.82
23 41 13 00-0187	EA	20" x 24" x 4" Disposable Pleated Air Filter, MERV 11	62.95	6.82
23 41 13 00-0188	EA	20" x 25" x 4" Disposable Pleated Air Filter, MERV 11	62.95	6.82
23 41 13 00-0189	EA	24" x 24" x 4" Disposable Pleated Air Filter, MERV 11	70.37	7.06
23 41 13 00-0190	EA	8" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.46	5.20
23 41 13 00-0191	EA	8" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.46	5.20
23 41 13 00-0192	EA	8" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.46	5.20
23 41 13 00-0193	EA	10" x 10" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.78	5.44
23 41 13 00-0194	EA	10" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.40	5.44
23 41 13 00-0195	EA	10" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.78	5.44
23 41 13 00-0196	EA	10" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.78	5.44
23 41 13 00-0197	EA	10" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.78	5.44

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0198	EA	12" x 12" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.73	5.68
23 41 13 00-0199	EA	12" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.11	5.68
23 41 13 00-0200	EA	12" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.73	5.68
23 41 13 00-0201	EA	12" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.73	5.68
23 41 13 00-0202	EA	12" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.11	5.68
23 41 13 00-0203	EA	12" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.11	5.68
23 41 13 00-0204	EA	12" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.50	5.68
23 41 13 00-0205	EA	14" x 14" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.16	6.00
23 41 13 00-0206	EA	14" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.54	6.00
23 41 13 00-0207	EA	14" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.16	6.00
23 41 13 00-0208	EA	14" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.16	6.00
23 41 13 00-0209	EA	14" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.16	6.00
23 41 13 00-0210	EA	14" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.54	6.00
23 41 13 00-0211	EA	15" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.38	6.17
23 41 13 00-0212	EA	15" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.76	6.17
23 41 13 00-0213	EA	15" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.76	6.17
23 41 13 00-0214	EA	16" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.48	6.26
23 41 13 00-0215	EA	16" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.86	6.26
23 41 13 00-0216	EA	16" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.48	6.26
23 41 13 00-0217	EA	16" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.48	6.26
23 41 13 00-0218	EA	16" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.48	6.26
23 41 13 00-0219	EA	16" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.86	6.26
23 41 13 00-0220	EA	16" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.86	6.26
23 41 13 00-0221	EA	16" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	36.36	6.26
23 41 13 00-0222	EA	18" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.81	6.50
23 41 13 00-0223	EA	18" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.58	6.50
23 41 13 00-0224	EA	18" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.81	6.50
23 41 13 00-0225	EA	18" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.58	6.50
23 41 13 00-0226	EA	18" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.58	6.50
23 41 13 00-0227	EA	18" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	36.69	6.50
23 41 13 00-0228	EA	19" x 27" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.02	6.82
23 41 13 00-0229	EA	20" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.25	6.82
23 41 13 00-0230	EA	20" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.25	6.82
23 41 13 00-0231	EA	20" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.25	6.82
23 41 13 00-0232	EA	20" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.63	6.82
23 41 13 00-0233	EA	20" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	37.13	6.82
23 41 13 00-0234	EA	20" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	37.13	6.82
23 41 13 00-0235	EA	21" x 21" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.12	6.90
23 41 13 00-0236	EA	22" x 22" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.84	6.98
23 41 13 00-0237	EA	24" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.72	7.06
23 41 13 00-0238	EA	24" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.72	7.06
23 41 13 00-0239	EA	24" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	40.22	7.06
23 41 13 00-0240	EA	25" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.83	7.14
23 41 13 00-0241	EA	25" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	40.33	7.14
23 41 13 00-0242	EA	30" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	40.54	7.30

23 41 13 00-0243 Electrostatic Air Filters With Frame, Element And Busbar *(23 41 13)*

23 41 13 00-0244	MF3	Electrostatic Air Filter, High Efficiency Non Supported With Frame, Element And Busbar	72.04
23 41 13 00-0245	MF3	Electrostatic Air Filter, Medium Efficiency Non Supported With Frame, Element And Busbar	69.58
23 41 13 00-0246	MF3	Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar	3.00

23 41 13 00-0247 Carbon Vapor Trap, Disposable V-Bank Filter *(23 41 13)*

23 41 13 00-0248	EA	24" x 24" x 12" Thick Carbon Vapor, Disposable V-Bank Filter	898.35	16.24

23 41 16 Renewable-Media Air Filters *(23 41)*

23 41 16 00-0001 Renewable-Media Electrostatic Air Filters With Frame, Element And Busbar *(23 41 16)*

23 41 16 00-0002	MF3	Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar	123.98

23 41 19 Washable Air Filters *(23 41)*

23 41 19 00-0001 Washable Electrostatic Air Filters With Frame, Element And Busbar *(23 41 19)*

23 41 19 00-0002	MF3	Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar	47.34

23 41 33 High-Efficiency Particulate Filtration *(23 41)*

23 41 33 00-0001 High Efficiency Particulate Air (HEPA) Filters *(23 41 33)*

Note: Includes particle board and kraft paper frame and separator material.

23 41 33 00-0002 High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-95% *(23 41 33 00-0001)*

23 41 33 00-0003	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 150 CFM, Complete	124.20	15.15
		For Removal And Replacement In Existing Equipment, Add	*3.03*	
		For >10 To 25, Deduct	*-3.11*	
		For >25 To 50, Deduct	*-6.21*	
		For >50 To 100, Deduct	*-9.32*	
		For >100, Deduct	*-12.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0004	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 375 CFM, Complete	165.69	17.32
		For Removal And Replacement In Existing Equipment, Add	*3.46*	
		For >10 To 25, Deduct	*-4.14*	
		For >25 To 50, Deduct	*-8.28*	
		For >50 To 100, Deduct	*-12.43*	
		For >100, Deduct	*-16.57*	
23 41 33 00-0005	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 450 CFM, Complete	193.97	20.03
		For Removal And Replacement In Existing Equipment, Add	*4.01*	
		For >10 To 25, Deduct	*-4.85*	
		For >25 To 50, Deduct	*-9.70*	
		For >50 To 100, Deduct	*-14.55*	
		For >100, Deduct	*-19.40*	
23 41 33 00-0006	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 700 CFM, Complete	222.28	22.74
		For Removal And Replacement In Existing Equipment, Add	*4.55*	
		For >10 To 25, Deduct	*-5.56*	
		For >25 To 50, Deduct	*-11.11*	
		For >50 To 100, Deduct	*-16.67*	
		For >100, Deduct	*-22.23*	
23 41 33 00-0007	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 250 CFM, Complete	151.77	16.24
		For Removal And Replacement In Existing Equipment, Add	*3.25*	
		For >10 To 25, Deduct	*-3.79*	
		For >25 To 50, Deduct	*-7.59*	
		For >50 To 100, Deduct	*-11.38*	
		For >100, Deduct	*-15.18*	
23 41 33 00-0008	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 500 CFM, Complete	204.38	18.94
		For Removal And Replacement In Existing Equipment, Add	*3.79*	
		For >10 To 25, Deduct	*-5.11*	
		For >25 To 50, Deduct	*-10.22*	
		For >50 To 100, Deduct	*-15.33*	
		For >100, Deduct	*-20.44*	
23 41 33 00-0009	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 875 CFM, Complete	244.49	21.65
		For Removal And Replacement In Existing Equipment, Add	*4.33*	
		For >10 To 25, Deduct	*-6.11*	
		For >25 To 50, Deduct	*-12.22*	
		For >50 To 100, Deduct	*-18.34*	
		For >100, Deduct	*-24.45*	
23 41 33 00-0010	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 1,000 CFM, Complete	290.03	27.06
		For Removal And Replacement In Existing Equipment, Add	*5.41*	
		For >10 To 25, Deduct	*-7.25*	
		For >25 To 50, Deduct	*-14.50*	
		For >50 To 100, Deduct	*-21.75*	
		For >100, Deduct	*-29.00*	
23 41 33 00-0011		High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-99.99% *(23 41 33 00-0001)*		
23 41 33 00-0012	EA	12" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	106.29	13.53
		For Removal And Replacement In Existing Equipment, Add	*2.71*	
		For >10 To 25, Deduct	*-2.66*	
		For >25 To 50, Deduct	*-5.31*	
		For >50 To 100, Deduct	*-7.97*	
		For >100, Deduct	*-10.63*	
23 41 33 00-0013	EA	24" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	147.62	16.24
		For Removal And Replacement In Existing Equipment, Add	*3.25*	
		For >10 To 25, Deduct	*-3.69*	
		For >25 To 50, Deduct	*-7.38*	
		For >50 To 100, Deduct	*-11.07*	
		For >100, Deduct	*-14.76*	
23 41 33 00-0014	EA	24" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	227.07	18.94
		For Removal And Replacement In Existing Equipment, Add	*3.79*	
		For >10 To 25, Deduct	*-5.68*	
		For >25 To 50, Deduct	*-11.35*	
		For >50 To 100, Deduct	*-17.03*	
		For >100, Deduct	*-22.71*	
23 41 33 00-0015	EA	36" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	292.48	21.65
		For Removal And Replacement In Existing Equipment, Add	*4.33*	
		For >10 To 25, Deduct	*-7.31*	
		For >25 To 50, Deduct	*-14.62*	
		For >50 To 100, Deduct	*-21.94*	
		For >100, Deduct	*-29.25*	
23 41 33 00-0016	EA	8" x 8" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	100.81	10.83
		For Removal And Replacement In Existing Equipment, Add	*2.17*	
		For >10 To 25, Deduct	*-2.52*	
		For >25 To 50, Deduct	*-5.04*	
		For >50 To 100, Deduct	*-7.56*	
		For >100, Deduct	*-10.08*	
23 41 33 00-0017	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 150 CFM, Complete	133.55	14.62
		For Removal And Replacement In Existing Equipment, Add	*2.92*	
		For >10 To 25, Deduct	*-3.34*	
		For >25 To 50, Deduct	*-6.68*	
		For >50 To 100, Deduct	*-10.02*	
		For >100, Deduct	*-13.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0018	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 325 CFM, Complete	180.25	17.32
		For Removal And Replacement In Existing Equipment, Add	*3.46*	
		For >10 To 25, Deduct	*-4.51*	
		For >25 To 50, Deduct	*-9.01*	
		For >50 To 100, Deduct	*-13.52*	
		For >100, Deduct	*-18.03*	
23 41 33 00-0019	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 550 CFM, Complete	211.62	20.30
		For Removal And Replacement In Existing Equipment, Add	*4.06*	
		For >10 To 25, Deduct	*-5.29*	
		For >25 To 50, Deduct	*-10.58*	
		For >50 To 100, Deduct	*-15.87*	
		For >100, Deduct	*-21.16*	
23 41 33 00-0020	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete	241.92	22.74
		For Removal And Replacement In Existing Equipment, Add	*4.55*	
		For >10 To 25, Deduct	*-6.05*	
		For >25 To 50, Deduct	*-12.10*	
		For >50 To 100, Deduct	*-18.14*	
		For >100, Deduct	*-24.19*	
23 41 33 00-0021	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 250 CFM, Complete	165.02	16.24
		For Removal And Replacement In Existing Equipment, Add	*3.25*	
		For >10 To 25, Deduct	*-4.13*	
		For >25 To 50, Deduct	*-8.25*	
		For >50 To 100, Deduct	*-12.38*	
		For >100, Deduct	*-16.50*	
23 41 33 00-0022	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 500 CFM, Complete	222.89	18.94
		For Removal And Replacement In Existing Equipment, Add	*3.79*	
		For >10 To 25, Deduct	*-5.57*	
		For >25 To 50, Deduct	*-11.14*	
		For >50 To 100, Deduct	*-16.72*	
		For >100, Deduct	*-22.29*	
23 41 33 00-0023	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete	266.85	21.65
		For Removal And Replacement In Existing Equipment, Add	*4.33*	
		For >10 To 25, Deduct	*-6.67*	
		For >25 To 50, Deduct	*-13.34*	
		For >50 To 100, Deduct	*-20.01*	
		For >100, Deduct	*-26.69*	
23 41 33 00-0024	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 1,100 CFM, Complete	328.70	27.06
		For Removal And Replacement In Existing Equipment, Add	*5.41*	
		For >10 To 25, Deduct	*-8.22*	
		For >25 To 50, Deduct	*-16.44*	
		For >50 To 100, Deduct	*-24.65*	
		For >100, Deduct	*-32.87*	

23 41 33 00-0025 High Efficiency Particulate Air (HEPA) Filter Housings, 14 Gauge Galvanized Sheet Metal *(23 41 33)*

Note: Nominal sizes.

23 41 33 00-0026	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	295.32	80.76
23 41 33 00-0027	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	548.38	160.53
23 41 33 00-0028	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	557.44	160.53
23 41 33 00-0029	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	563.47	160.53
23 41 33 00-0030	EA	24" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	605.72	160.53
23 41 33 00-0031	EA	24" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	658.52	160.53
23 41 33 00-0032	EA	48" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,060.57	322.06
23 41 33 00-0033	EA	48" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,188.81	322.06
23 41 33 00-0034	EA	48" x 96" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,351.75	322.06
23 41 33 00-0035	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	320.97	80.76
23 41 33 00-0036	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	592.14	160.53
23 41 33 00-0037	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	602.70	160.53
23 41 33 00-0038	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	610.24	160.53
23 41 33 00-0039	EA	24" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	660.03	160.53
23 41 33 00-0040	EA	24" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	726.41	160.53
23 41 33 00-0041	EA	48" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,166.18	322.06
23 41 33 00-0042	EA	48" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,326.10	322.06
23 41 33 00-0043	EA	48" x 96" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,528.27	322.06

23 41 33 00-0044 Filter, Bag Type, 90-95% Efficiency *(23 41 33)*

23 41 33 00-0045	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency	254.38	104.69
23 41 33 00-0046	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency	296.59	104.69

23 41 33 00-0047 Filter, Bag Type, 80-85% Efficiency *(23 41 33)*

23 41 33 00-0048	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency	249.53	104.69
23 41 33 00-0049	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency	280.68	104.69

23 42 Gas-Phase Air Filtration *(23 40)*

23 42 13 Activated-Carbon Air Filtration *(23 42)*

23 42 13 00-0001	EA	12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	44.80	8.12
23 42 13 00-0002	EA	16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	45.32	8.12
23 42 13 00-0003	EA	16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	45.64	8.12

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 42 13 00-0004	EA	20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	45.64	8.12
23 42 13 00-0005	EA	20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	49.60	8.12
23 42 13 00-0006	EA	24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	56.11	8.12
23 42 13 00-0007	EA	12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	56.76	9.20
23 42 13 00-0008	EA	16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	57.20	9.20
23 42 13 00-0009	EA	16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	57.58	9.20
23 42 13 00-0010	EA	20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	57.58	9.20
23 42 13 00-0011	EA	20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	61.95	9.20
23 42 13 00-0012	EA	24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	74.15	9.20
23 42 13 00-0013	EA	16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	26.69	8.12
23 42 13 00-0014	EA	16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	28.58	8.12
23 42 13 00-0015	EA	20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	28.64	8.12
23 42 13 00-0016	EA	20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	31.11	8.12
23 42 13 00-0017	EA	24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter	33.30	8.12
23 42 13 00-0018	EA	16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	30.93	9.20
23 42 13 00-0019	EA	16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	34.21	9.20
23 42 13 00-0020	EA	20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	34.90	9.20
23 42 13 00-0021	EA	20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	38.97	9.20
23 42 13 00-0022	EA	24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter	41.56	9.20
23 42 13 00-0023	EA	24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter	69.38	9.74

23 43 Electronic Air Cleaners *(23 40)*

23 43 23 Self-Contained Electronic Air Cleaners *(23 43)*

23 43 23 00-0001 Stationary Floor, Room Air Purifier *(23 43 23)*

23 43 23 00-0002	EA	Stationary Floor Room Air Purifier, Up to 390 SF (Blueair Pro M)	1,081.95	
23 43 23 00-0003	EA	Stationary Floor Room Air Purifier, Up to 780 SF (Blueair Pro L)	1,505.79	
23 43 23 00-0004	EA	Stationary Floor Room Air Purifier, Up to 1,180 SF (Blueair Pro XL)	3,806.61	
23 43 23 00-0005	EA	Stationary Floor Room Air Purifier, Up to 550 SF (Delos Compact)	853.40	
23 43 23 00-0006	EA	Stationary Floor Room Air Purifier, Up to 1,125 SF (Delos 468 Ultrafine)	1,534.57	
23 43 23 00-0007	EA	Stationary Floor Room Air Purifier, Up to 3,500 SF (Delos 980P Commercial)	6,075.67	

23 43 23 00-0008 Surface Mounted, Room Air Purifier *(23 43 23)*

23 43 23 00-0009	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F114A1067)	2,790.90	
23 43 23 00-0010	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F115A1064)	3,885.99	
23 43 23 00-0011	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F111A1063W-3S)	4,443.86	

23 43 23 00-0012 Suspension Ceiling Mounted, Room Air Purifier *(23 43 23)*

23 43 23 00-0013	EA	2' x 4' Suspension Ceiling Mounted, Air Purification System (Armstrong VidaShield UV24)	3,602.78	

23 43 23 00-0014 Wall Mounted, Room Air Purifier *(23 43 23)*

23 43 23 00-0015	EA	Air Purifier, Wall Mount, Bipolar Ionizer (Bi-Polar 2400)	899.99	

23 43 23 00-0016 Duct Mounted, Ionization System *(23 43 23)*

23 43 23 00-0017	EA	Up To 10,000 CFM, 120/240 VAC, 50 Watt, 8 Tubes, Single Phase, Series 500 Bipolar Ionization System (AtmosAir 500FC)	11,106.29	432.98
23 43 23 00-0018	EA	Up To 15,000 CFM, 120/240 VAC, 50 Watt, 5 Tubes, Single Phase, Series 500 Bipolar Ionization System (AtmosAir 508FC)	15,085.90	541.22

23 43 33 Self-Contained Electronic Ultraviolet Germicidal Cleaners *(23 43)*

23 43 33 00-0001 Suspension Ceiling Troffer Mounted, Ultraviolet Germicidal Air Purifier *(23 43 33)*

23 43 33 00-0002	EA	2' x 2', Troffer Mount UVC Air Purifier (ELEDLIGHTS UVADTM1202X2) Note: 6,300 cu ft/hour air cleaning	5,084.98	
23 43 33 00-0003	EA	2' x 2', Troffer Mount UVC Air Purifier With 1900 Lumens LED Panel Light (ELEDLIGHTS UVALTM1202X2) Note: 6,300 cu ft/hour air cleaning	6,818.82	
23 43 33 00-0004	EA	2' x 4', Troffer Mount UVC Air Purifier (ELEDLIGHTS UVADTM1202X4) Note: 12,600 cu ft/hour air cleaning	7,675.54	
23 43 33 00-0005	EA	2' x 4', Troffer Mount UVC Air Purifier With 3800 Lumens LED Panel Light (ELEDLIGHTS UVALTM1202X4) Note: 12,600 cu ft/hour air cleaning	8,583.08	
23 43 33 00-0006	EA	Replace 8"x8" MERV 16, HEPA Filter In Troffer Mount UVC Air Purifier(ELEDLIGHTS UVFILTERM8X8M16)	954.29	

23 43 33 00-0007 Surface Mounted, Ultraviolet Germicidal Air Purifier *(23 43 33)*

23 43 33 00-0008	EA	Surface (Wall Or Ceiling) Mounted, Germicidal UV Active Circulation Air Cleaner (ELEDLIGHTS GUV-AC) Note: 1060 cu ft/hour air cleaning	3,327.22	

23 43 33 00-0009 Wall Mounted, Ultraviolet Germicidal Air Purifier *(23 43 33)*

23 43 33 00-0010	EA	Wall Mounted, Upper Room Germicidal UV Disinfection (ELEDLIGHTS URUVGI-NZ)	1,702.40	

23 43 33 00-0011 Wall Mounted, Ultraviolet Germicidal Fixture (UV Resources) *(23 43 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 43 33 00-0012	EA	14-1/4", 8 Watt, 120-277 Volts, UV-C Light Fixture (UV Resources GLO 150 - 41824001)	1,250.28	73.78
23 43 33 00-0013	EA	23-1/4", 25 Watt, 120-277 Volts, UV-C Light Fixture (UV Resources GLO 225 - 41824000)	1,312.03	84.67
23 43 33 00-0014	EA	35", 36 Watt, 120-277 Volts, UV-C Light Fixture (UV Resources GLO 310 - 41824002)	1,933.32	91.92
23 43 33 00-0015		Wall Mounted, Ultraviolet Germicidal Fixtures And Accessories (Fresh-Aire UV) *(23 43 33)*		
23 43 33 00-0016	EA	32" Single Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-232S-TFHO)	841.28	89.21
23 43 33 00-0017	EA	32" Dual Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-232D-TFHO)	1,145.23	89.21
23 43 33 00-0018	EA	46" Single Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-246S-TFHO)	916.20	94.47
23 43 33 00-0019	EA	46" Dual Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-246D-TFHO)	1,289.41	94.47
23 43 33 00-0020	EA	60" Single Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-260S-TFHO)	1,000.21	99.79
23 43 33 00-0021	EA	60" Dual Lamp, Teflon Safety Coating, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-260D-TFHO)	1,669.67	99.79
23 43 33 00-0022	EA	32" Single Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-232S-HO)	791.26	89.21
23 43 33 00-0023	EA	32" Dual Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-232D-HO)	1,047.76	89.21
23 43 33 00-0024	EA	46" Single Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-246S-HO)	846.94	94.47
23 43 33 00-0025	EA	46" Dual Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-246D-HO)	1,150.89	94.47
23 43 33 00-0026	EA	60" Single Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-260S-HO)	861.69	99.79
23 43 33 00-0027	EA	60" Dual Lamp, High Output Commercial UV-C Core System (Fresh-Aire UV TUVC-260D-HO)	1,393.93	99.79
23 43 33 00-0028	EA	5' (1.5m) Remote Mounting Cable (Fresh-Aire UV TUV-CBL5)	38.21	
23 43 33 00-0029	EA	10' (3m) Remote Mounting Cable (Fresh-Aire UV TUV-CBL10)	48.47	
23 43 33 00-0030	EA	5" Stainless Steel Coil Mount Bracket (Fresh-Aire UV TUVC-CMBRKT-SS5)	51.86	
23 43 33 00-0031	EA	18" (45cm) Commercial Lamp Shield (Fresh-Aire UV TUVC-SHIELD-18)	62.30	
23 43 33 00-0032	EA	24" (60cm) Commercial Lamp Shield (Fresh-Aire UV TUVC-SHIELD-24)	71.28	
23 43 33 00-0033	EA	32" (81cm) Commercial Lamp Shield (Fresh-Aire UV TUVC-SHIELD-32)	81.54	
23 43 33 00-0034	EA	46" (117cm) Commercial Lamp Shield (Fresh-Aire UV TUVC-SHIELD-46)	86.67	
23 43 33 00-0035	EA	60" (152cm) Commercial Lamp Shield (Fresh-Aire UV TUVC-SHIELD-60)	90.52	
23 43 33 00-0036	EA	110-277 VAC, Door Interlock Safety Switch Kit (Fresh-Aire UV TUVC-INTLCK-SP)	290.59	
23 43 33 00-0037	EA	15" (38cm) Odor Control, UVC/UVV Lamp (Fresh-Aire UV TUVL-115P-OS-50) Note: 1 Year Warranty	193.09	59.33
23 43 33 00-0038	EA	18" (45cm) High Output, Commercial Series Lamp (Fresh-Aire UV TUVCL-218HO) Note: 2 Year Warranty	238.66	62.29
23 43 33 00-0039	EA	24" (60cm) High Output, Commercial Series Lamp (Fresh-Aire UV TUVCL-224HO) Note: 2 Year Warranty	255.43	68.94
23 43 33 00-0040	EA	32" (81cm) Commercial Series Lamp (Fresh-Aire UV TUVCL-132) Note: 1 Year Warranty	227.08	73.48
23 43 33 00-0041	EA	32" (81cm) Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-232TF) Note: 1 Year Warranty	284.79	73.48
23 43 33 00-0042	EA	32" (81cm) High Output, Commercial Series Lamp (Fresh-Aire UV TUVCL-232HO) Note: 1 Year Warranty	269.40	73.48
23 43 33 00-0043	EA	32" (81cm) High Output, Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-232HO-TF) Note: 1 Year Warranty	316.85	73.48
23 43 33 00-0044	EA	46" (117cm) Commercial Series Lamp (Fresh-Aire UV TUVCL-146) Note: 1 Year Warranty	265.51	78.31
23 43 33 00-0045	EA	46" (117cm) Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-246TF) Note: 2 Year Warranty	332.20	78.31
23 43 33 00-0046	EA	46" (117cm) High Output, Commercial Series Lamp (Fresh-Aire UV TUVCL-246HO) Note: 2 Year Warranty	298.86	78.31
23 43 33 00-0047	EA	46" (117cm) High Output, Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-246HO-TF) Note: 2 Year Warranty	368.11	78.31
23 43 33 00-0048	EA	60" (152cm) Commercial Series Lamp (Fresh-Aire UV TUVCL-160) Note: 1 Year Warranty	333.01	78.92
23 43 33 00-0049	EA	60" (152cm) Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-260TF) Note: 2 Year Warranty	426.63	78.92
23 43 33 00-0050	EA	60" (152cm) High Output, Commercial Series Lamp (Fresh-Aire UV TUVCL-260HO) Note: 2 Year Warranty	366.36	78.92
23 43 33 00-0051	EA	60" (152cm) High Output, Teflon Coated, Commercial Series Lamp (Fresh-Aire UV TUVCL-260HO-TF) Note: 1 Year Warranty	504.87	78.92

23 50 Central Heating Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 51 Breechings, Chimneys, and Stacks *(23 50)*

23 51 13 Draft Control Devices *(23 51)*

23 51 13 13 Draft-Induction Fans *(23 51 13)*

23 51 13 13-0001 Vertical Discharge Fans *(23 51 13 13)*
Note: Includes chimney adapter. Excludes wiring.

23 51 13 13-0002 Axial Vane Vertical Discharge Fans *(23 51 13 13-0001)*

23 51 13 13-0003	EA	450 CFM Vertical Discharge Chimney Fan, Axial Vane	2,901.65	219.36
23 51 13 13-0004	EA	950 CFM Vertical Discharge Chimney Fan, Axial Vane	3,289.20	239.30
23 51 13 13-0005	EA	1,400 CFM Vertical Discharge Chimney Fan, Axial Vane	3,947.48	264.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 13 13-0006	EA	1,800 CFM Vertical Discharge Chimney Fan, Axial Vane	5,157.57	306.60
23 51 13 13-0007		**Centrifugal Impeller Vertical Discharge Fans** *(23 51 13 13-0001)*		
23 51 13 13-0008	EA	700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	3,487.27	239.30
23 51 13 13-0009	EA	1,100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	4,251.82	264.23
23 51 13 13-0010	EA	2,300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	5,519.95	309.09
23 51 13 13-0011	EA	3,000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	6,536.42	346.48
23 51 13 13-0012		**Accessories For Vertical Discharge Fans** *(23 51 13 13-0001)*		
23 51 13 13-0013	EA	Modulating Fan Controller And Sensor	410.33	74.78
23 51 13 16		**Vent Dampers** *(23 51 13)*		
23 51 13 16-0001		**Flue Shutter Draft Control Damper, Parallel Blade** *(23 51 13 16)*		
23 51 13 16-0002	EA	3" Round Flue Shutter Draft Control Damper	900.69	44.27
23 51 13 16-0003	EA	4" Round Flue Shutter Draft Control Damper	988.45	46.96
23 51 13 16-0004	EA	5" Round Flue Shutter Draft Control Damper	1,092.36	49.85
23 51 13 16-0005	EA	6" Round Flue Shutter Draft Control Damper	1,167.11	53.17
23 51 13 16-0006	EA	7" Round Flue Shutter Draft Control Damper	1,274.86	56.95
23 51 13 16-0007	EA	8" Round Flue Shutter Draft Control Damper	1,353.85	61.32
23 51 13 16-0008	EA	10" Round Flue Shutter Draft Control Damper	1,497.54	66.49
23 51 13 16-0009	EA	12" Round Flue Shutter Draft Control Damper	1,644.68	72.50
23 51 13 16-0010	EA	14" Round Flue Shutter Draft Control Damper	1,843.91	76.02
23 51 13 16-0011	EA	16" Round Flue Shutter Draft Control Damper	1,981.90	79.76
23 51 13 16-0012	EA	18" Round Flue Shutter Draft Control Damper	2,167.19	83.76
23 51 13 16-0013	EA	20" Round Flue Shutter Draft Control Damper	2,547.19	132.61
23 51 13 16-0014	EA	22" Round Flue Shutter Draft Control Damper	2,795.71	140.84
23 51 13 16-0015	EA	24" Round Flue Shutter Draft Control Damper	3,030.99	149.57
23 51 13 16-0016	EA	26" Round Flue Shutter Draft Control Damper	3,081.40	154.55
23 51 13 16-0017	EA	28" Round Flue Shutter Draft Control Damper	3,178.39	159.54
23 51 13 16-0018	EA	30" Round Flue Shutter Draft Control Damper	3,264.51	169.51
23 51 13 16-0019	EA	32" Round Flue Shutter Draft Control Damper	3,407.84	174.38
23 51 13 16-0020	EA	34" Round Flue Shutter Draft Control Damper	3,555.07	184.35
23 51 13 16-0021	EA	36" Round Flue Shutter Draft Control Damper	3,722.88	199.42
23 51 13 16-0022	EA	38" Round Flue Shutter Draft Control Damper	3,912.79	206.26
23 51 13 16-0023	EA	40" Round Flue Shutter Draft Control Damper	4,089.41	209.39
23 51 13 16-0024	EA	42" Round Flue Shutter Draft Control Damper	4,290.41	219.36
23 51 13 16-0025	EA	44" Round Flue Shutter Draft Control Damper	4,492.60	229.33
23 51 13 16-0026	EA	46" Round Flue Shutter Draft Control Damper	4,695.37	239.30
23 51 13 16-0027	EA	48" Round Flue Shutter Draft Control Damper	4,897.27	249.27
23 51 13 19		**Barometric Dampers** *(23 51 13)*		
23 51 13 19-0001		**Barometric Dampers** *(23 51 13 19)*		
23 51 13 19-0002	EA	6" x 6" Barometric Damper	419.66	8.64
23 51 13 19-0003	EA	12" x 12" Barometric Damper	607.31	11.88
23 51 13 19-0004	EA	18" x 18" Barometric Damper	813.11	18.36
23 51 13 19-0005	EA	24" x 24" Barometric Damper	969.48	34.57
23 51 13 19-0006	EA	6" Diameter Barometric Damper	204.90	8.64
		For Stainless Steel, Add	*222.79*	
23 51 13 19-0007	EA	7" Diameter Barometric Damper	242.50	9.72
		For Stainless Steel, Add	*264.69*	
23 51 13 19-0008	EA	8" Diameter Barometric Damper	281.35	10.80
		For Stainless Steel, Add	*306.97*	
23 51 13 19-0009	EA	9" Diameter Barometric Damper	346.63	10.80
		For Stainless Steel, Add	*388.84*	
23 51 13 19-0010	EA	10" Diameter Barometric Damper	457.36	12.96
		For Stainless Steel, Add	*529.76*	
23 51 13 19-0011	EA	12" Diameter Barometric Damper	581.12	14.04
		For Stainless Steel, Add	*683.24*	
23 51 13 19-0012	EA	14" Diameter Barometric Damper	731.05	15.13
		For Stainless Steel, Add	*871.38*	
23 51 13 19-0013	EA	15" Diameter Barometric Damper	872.68	16.20
		For Stainless Steel, Add	*1,047.33*	
23 51 13 19-0014	EA	16" Diameter Barometric Damper	1,012.70	18.36
		For Stainless Steel, Add	*1,222.90*	
23 51 13 19-0015	EA	18" Diameter Barometric Damper	1,334.57	19.44
		For Stainless Steel, Add	*1,633.84*	
23 51 13 19-0016	EA	20" Diameter Barometric Damper	1,588.88	21.61
		For Stainless Steel, Add	*1,955.66*	
23 51 13 19-0017	EA	24" Diameter Barometric Damper	1,916.45	21.61
		For Stainless Steel, Add	*2,376.49*	
23 51 13 19-0018	EA	30" Diameter Barometric Damper	2,363.27	24.84
		For Stainless Steel, Add	*2,945.87*	
23 51 13 19-0019	EA	36" Diameter Barometric Damper	3,015.81	25.92
		For Stainless Steel, Add	*3,787.54*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16		**Fabricated Breechings and Accessories** *(23 51)*			
23 51 16 00-0001		Round Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*			
23 51 16 00-0002		Round Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0001)*			
23 51 16 00-0003	LF	3" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness		28.61	8.87
		For Aluminum Liner, Add	*0.36*		
		For 304 Stainless Steel Liner, Add	*0.49*		
		For 2" Wall Instead Of 1", Add	*4.16*		
		For 3" To 4" Wall Instead Of 1", Add	*7.34*		
23 51 16 00-0004	LF	4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness		30.80	9.38
		For Aluminum Liner, Add	*0.44*		
		For 304 Stainless Steel Liner, Add	*0.59*		
		For 2" Wall Instead Of 1", Add	*4.67*		
		For 3" To 4" Wall Instead Of 1", Add	*8.14*		
23 51 16 00-0005	LF	5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness		34.07	9.97
		For Aluminum Liner, Add	*0.52*		
		For 304 Stainless Steel Liner, Add	*0.71*		
		For 2" Wall Instead Of 1", Add	*5.29*		
		For 3" To 4" Wall Instead Of 1", Add	*9.16*		
23 51 16 00-0006	LF	6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness		37.21	10.67
		For Aluminum Liner, Add	*0.60*		
		For 304 Stainless Steel Liner, Add	*0.82*		
		For 2" Wall Instead Of 1", Add	*5.91*		
		For 3" To 4" Wall Instead Of 1", Add	*10.17*		
23 51 16 00-0007	LF	7" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		43.96	11.37
		For Aluminum Liner, Add	*0.88*		
		For 304 Stainless Steel Liner, Add	*1.21*		
		For 2" Wall Instead Of 1", Add	*7.61*		
		For 3" To 4" Wall Instead Of 1", Add	*12.81*		
23 51 16 00-0008	LF	8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		48.87	12.27
		For Aluminum Liner, Add	*0.99*		
		For 304 Stainless Steel Liner, Add	*1.34*		
		For 2" Wall Instead Of 1", Add	*8.47*		
		For 3" To 4" Wall Instead Of 1", Add	*14.25*		
23 51 16 00-0009	LF	10" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		71.29	13.17
		For Aluminum Liner, Add	*2.08*		
		For 304 Stainless Steel Liner, Add	*2.84*		
		For 2" Wall Instead Of 1", Add	*14.69*		
		For 3" To 4" Wall Instead Of 1", Add	*23.71*		
23 51 16 00-0010	LF	12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		87.04	14.56
		For Aluminum Liner, Add	*2.79*		
		For 304 Stainless Steel Liner, Add	*3.81*		
		For 2" Wall Instead Of 1", Add	*18.85*		
		For 3" To 4" Wall Instead Of 1", Add	*30.10*		
23 51 16 00-0011	LF	14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		123.21	15.15
		For Aluminum Liner, Add	*4.69*		
		For 304 Stainless Steel Liner, Add	*6.39*		
		For 2" Wall Instead Of 1", Add	*29.37*		
		For 3" To 4" Wall Instead Of 1", Add	*45.95*		
23 51 16 00-0012	LF	16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		154.61	15.95
		For Aluminum Liner, Add	*6.32*		
		For 304 Stainless Steel Liner, Add	*8.62*		
		For 2" Wall Instead Of 1", Add	*38.44*		
		For 3" To 4" Wall Instead Of 1", Add	*59.65*		
23 51 16 00-0013	LF	18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness		190.73	16.76
		For Aluminum Liner, Add	*8.16*		
		For 304 Stainless Steel Liner, Add	*11.13*		
		For 2" Wall Instead Of 1", Add	*48.76*		
		For 3" To 4" Wall Instead Of 1", Add	*75.25*		
23 51 16 00-0014	LF	20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness		241.86	26.62
		For Aluminum Liner, Add	*9.69*		
		For 304 Stainless Steel Liner, Add	*13.21*		
		For 2" Wall Instead Of 1", Add	*59.42*		
		For 3" To 4" Wall Instead Of 1", Add	*92.42*		
23 51 16 00-0015	LF	22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness		293.10	28.12
		For Aluminum Liner, Add	*12.22*		
		For 304 Stainless Steel Liner, Add	*16.66*		
		For 2" Wall Instead Of 1", Add	*73.74*		
		For 3" To 4" Wall Instead Of 1", Add	*114.16*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0016	LF	24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	349.24	29.91
		Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*15.06*	
		For 304 Stainless Steel Liner, Add	*20.54*	
		For 2" Wall Instead Of 1", Add	*89.69*	
		For 3" To 4" Wall Instead Of 1", Add	*138.31*	
23 51 16 00-0017	LF	26" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	406.56	30.91
		Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*18.12*	
		For 304 Stainless Steel Liner, Add	*24.70*	
		For 2" Wall Instead Of 1", Add	*106.53*	
		For 3" To 4" Wall Instead Of 1", Add	*163.66*	
23 51 16 00-0018	LF	28" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	426.36	31.91
		Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*19.06*	
		For 304 Stainless Steel Liner, Add	*26.00*	
		For 2" Wall Instead Of 1", Add	*111.96*	
		For 3" To 4" Wall Instead Of 1", Add	*171.93*	
23 51 16 00-0019	LF	30" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	453.06	34.20
		Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness		
		For Aluminum Liner, Add	*20.22*	
		For 304 Stainless Steel Liner, Add	*27.58*	
		For 2" Wall Instead Of 1", Add	*118.84*	
		For 3" To 4" Wall Instead Of 1", Add	*182.53*	
23 51 16 00-0020	LF	32" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	513.69	35.50
		For Aluminum Liner, Add	*23.38*	
		For 304 Stainless Steel Liner, Add	*31.89*	
		For 2" Wall Instead Of 1", Add	*136.40*	
		For 3" To 4" Wall Instead Of 1", Add	*209.02*	
23 51 16 00-0021	LF	34" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	576.46	36.80
		For Aluminum Liner, Add	*26.65*	
		For 304 Stainless Steel Liner, Add	*36.34*	
		For 2" Wall Instead Of 1", Add	*154.55*	
		For 3" To 4" Wall Instead Of 1", Add	*236.42*	
23 51 16 00-0022	LF	36" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	606.94	38.29
		For Aluminum Liner, Add	*28.12*	
		For 304 Stainless Steel Liner, Add	*38.35*	
		For 2" Wall Instead Of 1", Add	*162.96*	
		For 3" To 4" Wall Instead Of 1", Add	*249.22*	
23 51 16 00-0023	LF	38" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	658.78	39.88
		For Aluminum Liner, Add	*30.76*	
		For 304 Stainless Steel Liner, Add	*41.94*	
		For 2" Wall Instead Of 1", Add	*177.72*	
		For 3" To 4" Wall Instead Of 1", Add	*271.55*	
23 51 16 00-0024	LF	40" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	726.38	41.58
		For Aluminum Liner, Add	*34.23*	
		For 304 Stainless Steel Liner, Add	*46.68*	
		For 2" Wall Instead Of 1", Add	*197.12*	
		For 3" To 4" Wall Instead Of 1", Add	*300.87*	
23 51 16 00-0025	LF	42" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	759.93	43.47
		For Aluminum Liner, Add	*35.81*	
		For 304 Stainless Steel Liner, Add	*48.83*	
		For 2" Wall Instead Of 1", Add	*206.22*	
		For 3" To 4" Wall Instead Of 1", Add	*314.77*	
23 51 16 00-0026	LF	44" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	841.70	45.57
		For Aluminum Liner, Add	*40.02*	
		For 304 Stainless Steel Liner, Add	*54.58*	
		For 2" Wall Instead Of 1", Add	*229.71*	
		For 3" To 4" Wall Instead Of 1", Add	*350.27*	
23 51 16 00-0027	LF	46" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	914.41	47.86
		For Aluminum Liner, Add	*43.71*	
		For 304 Stainless Steel Liner, Add	*59.61*	
		For 2" Wall Instead Of 1", Add	*250.39*	
		For 3" To 4" Wall Instead Of 1", Add	*381.57*	
23 51 16 00-0028	LF	48" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	1,006.62	50.36
		For Aluminum Liner, Add	*48.45*	
		For 304 Stainless Steel Liner, Add	*66.07*	
		For 2" Wall Instead Of 1", Add	*276.85*	
		For 3" To 4" Wall Instead Of 1", Add	*421.55*	
23 51 16 00-0029		90 Degree Elbows *(23 51 16 00-0001)*		
23 51 16 00-0030	EA	3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	73.63	17.74
		For Aluminum Liner, Add	*1.63*	
		For 304 Stainless Steel Liner, Add	*2.23*	
		For 2" Wall Instead Of 1", Add	*13.30*	
		For 3" To 4" Wall Instead Of 1", Add	*22.14*	
23 51 16 00-0031	EA	4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	81.77	18.74
		For Aluminum Liner, Add	*1.93*	
		For 304 Stainless Steel Liner, Add	*2.63*	
		For 2" Wall Instead Of 1", Add	*15.18*	
		For 3" To 4" Wall Instead Of 1", Add	*25.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0032	EA	5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	91.44	19.94
		For Aluminum Liner, Add	*2.30*	
		For 304 Stainless Steel Liner, Add	*3.14*	
		For 2" Wall Instead Of 1", Add	*17.51*	
		For 3" To 4" Wall Instead Of 1", Add	*28.74*	
23 51 16 00-0033	EA	6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	101.34	21.24
		For Aluminum Liner, Add	*2.67*	
		For 304 Stainless Steel Liner, Add	*3.64*	
		For 2" Wall Instead Of 1", Add	*19.85*	
		For 3" To 4" Wall Instead Of 1", Add	*32.42*	
23 51 16 00-0034	EA	7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	121.51	22.73
		For Aluminum Liner, Add	*3.57*	
		For 304 Stainless Steel Liner, Add	*4.87*	
		For 2" Wall Instead Of 1", Add	*25.15*	
		For 3" To 4" Wall Instead Of 1", Add	*40.55*	
23 51 16 00-0035	EA	8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	142.71	24.53
		For Aluminum Liner, Add	*4.48*	
		For 304 Stainless Steel Liner, Add	*6.10*	
		For 2" Wall Instead Of 1", Add	*30.55*	
		For 3" To 4" Wall Instead Of 1", Add	*48.89*	
23 51 16 00-0036	EA	10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	253.87	26.62
		For Aluminum Liner, Add	*10.30*	
		For 304 Stainless Steel Liner, Add	*14.04*	
		For 2" Wall Instead Of 1", Add	*62.83*	
		For 3" To 4" Wall Instead Of 1", Add	*97.57*	
23 51 16 00-0037	EA	12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	308.51	29.01
		For Aluminum Liner, Add	*12.98*	
		For 304 Stainless Steel Liner, Add	*17.70*	
		For 2" Wall Instead Of 1", Add	*78.06*	
		For 3" To 4" Wall Instead Of 1", Add	*120.71*	
23 51 16 00-0038	EA	14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	402.34	30.42
		For Aluminum Liner, Add	*17.95*	
		For 304 Stainless Steel Liner, Add	*24.48*	
		For 2" Wall Instead Of 1", Add	*105.51*	
		For 3" To 4" Wall Instead Of 1", Add	*162.06*	
23 51 16 00-0039	EA	16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	496.32	31.91
		For Aluminum Liner, Add	*22.92*	
		For 304 Stainless Steel Liner, Add	*31.25*	
		For 2" Wall Instead Of 1", Add	*132.97*	
		For 3" To 4" Wall Instead Of 1", Add	*203.44*	
23 51 16 00-0040	EA	18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	644.01	33.60
		For Aluminum Liner, Add	*30.80*	
		For 304 Stainless Steel Liner, Add	*42.00*	
		For 2" Wall Instead Of 1", Add	*176.39*	
		For 3" To 4" Wall Instead Of 1", Add	*268.79*	
23 51 16 00-0041	EA	20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	906.21	53.15
		For Aluminum Liner, Add	*42.53*	
		For 304 Stainless Steel Liner, Add	*57.99*	
		For 2" Wall Instead Of 1", Add	*245.26*	
		For 3" To 4" Wall Instead Of 1", Add	*374.54*	
23 51 16 00-0042	EA	22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,198.90	56.33
		For Aluminum Liner, Add	*58.19*	
		For 304 Stainless Steel Liner, Add	*79.35*	
		For 2" Wall Instead Of 1", Add	*331.50*	
		For 3" To 4" Wall Instead Of 1", Add	*504.30*	
23 51 16 00-0043	EA	24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,354.29	59.82
		For Aluminum Liner, Add	*66.25*	
		For 304 Stainless Steel Liner, Add	*90.34*	
		For 2" Wall Instead Of 1", Add	*376.34*	
		For 3" To 4" Wall Instead Of 1", Add	*572.00*	
23 51 16 00-0044		45 Degree Elbows *(23 51 16 00-0001)*		
23 51 16 00-0045	EA	3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	61.36	17.74
		For Aluminum Liner, Add	*0.94*	
		For 304 Stainless Steel Liner, Add	*1.28*	
		For 2" Wall Instead Of 1", Add	*9.55*	
		For 3" To 4" Wall Instead Of 1", Add	*16.54*	
23 51 16 00-0046	EA	4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	67.10	18.74
		For Aluminum Liner, Add	*1.11*	
		For 304 Stainless Steel Liner, Add	*1.51*	
		For 2" Wall Instead Of 1", Add	*10.74*	
		For 3" To 4" Wall Instead Of 1", Add	*18.46*	
23 51 16 00-0047	EA	5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	73.56	19.94
		For Aluminum Liner, Add	*1.30*	
		For 304 Stainless Steel Liner, Add	*1.78*	
		For 2" Wall Instead Of 1", Add	*12.10*	
		For 3" To 4" Wall Instead Of 1", Add	*20.64*	
23 51 16 00-0048	EA	6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	81.54	21.24
		For Aluminum Liner, Add	*1.56*	
		For 304 Stainless Steel Liner, Add	*2.13*	
		For 2" Wall Instead Of 1", Add	*13.83*	
		For 3" To 4" Wall Instead Of 1", Add	*23.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0049	EA	7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	97.64	22.73
		For Aluminum Liner, Add	*2.24*	
		For 304 Stainless Steel Liner, Add	*3.05*	
		For 2" Wall Instead Of 1", Add	*17.90*	
		For 3" To 4" Wall Instead Of 1", Add	*29.70*	
23 51 16 00-0050	EA	8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	108.12	24.53
		For Aluminum Liner, Add	*2.57*	
		For 304 Stainless Steel Liner, Add	*3.51*	
		For 2" Wall Instead Of 1", Add	*20.17*	
		For 3" To 4" Wall Instead Of 1", Add	*33.32*	
23 51 16 00-0051	EA	10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	183.49	26.62
		For Aluminum Liner, Add	*6.44*	
		For 304 Stainless Steel Liner, Add	*8.78*	
		For 2" Wall Instead Of 1", Add	*41.75*	
		For 3" To 4" Wall Instead Of 1", Add	*65.95*	
23 51 16 00-0052	EA	12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	220.02	29.01
		For Aluminum Liner, Add	*8.11*	
		For 304 Stainless Steel Liner, Add	*11.06*	
		For 2" Wall Instead Of 1", Add	*51.51*	
		For 3" To 4" Wall Instead Of 1", Add	*80.88*	
23 51 16 00-0053	EA	14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	283.53	30.42
		For Aluminum Liner, Add	*11.41*	
		For 304 Stainless Steel Liner, Add	*15.57*	
		For 2" Wall Instead Of 1", Add	*69.86*	
		For 3" To 4" Wall Instead Of 1", Add	*108.59*	
23 51 16 00-0054	EA	16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	340.19	31.91
		For Aluminum Liner, Add	*14.32*	
		For 304 Stainless Steel Liner, Add	*19.53*	
		For 2" Wall Instead Of 1", Add	*86.11*	
		For 3" To 4" Wall Instead Of 1", Add	*133.15*	
23 51 16 00-0055	EA	18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	433.94	33.60
		For Aluminum Liner, Add	*19.25*	
		For 304 Stainless Steel Liner, Add	*26.25*	
		For 2" Wall Instead Of 1", Add	*113.39*	
		For 3" To 4" Wall Instead Of 1", Add	*174.28*	
23 51 16 00-0056	EA	20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	527.33	53.05
		For Aluminum Liner, Add	*21.71*	
		For 304 Stainless Steel Liner, Add	*29.61*	
		For 2" Wall Instead Of 1", Add	*131.68*	
		For 3" To 4" Wall Instead Of 1", Add	*204.15*	
23 51 16 00-0057	EA	22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	734.98	56.33
		For Aluminum Liner, Add	*32.68*	
		For 304 Stainless Steel Liner, Add	*44.56*	
		For 2" Wall Instead Of 1", Add	*192.33*	
		For 3" To 4" Wall Instead Of 1", Add	*295.53*	
23 51 16 00-0058	EA	24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	902.31	59.82
		For Aluminum Liner, Add	*41.41*	
		For 304 Stainless Steel Liner, Add	*56.46*	
		For 2" Wall Instead Of 1", Add	*240.80*	
		For 3" To 4" Wall Instead Of 1", Add	*368.67*	
23 51 16 00-0059	EA	26" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,639.82	61.82
		For Aluminum Liner, Add	*81.69*	
		For 304 Stainless Steel Liner, Add	*111.40*	
		For 2" Wall Instead Of 1", Add	*461.05*	
		For 3" To 4" Wall Instead Of 1", Add	*699.30*	
23 51 16 00-0060	EA	28" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,685.49	63.81
		For Aluminum Liner, Add	*83.93*	
		For 304 Stainless Steel Liner, Add	*114.45*	
		For 2" Wall Instead Of 1", Add	*473.76*	
		For 3" To 4" Wall Instead Of 1", Add	*718.61*	
23 51 16 00-0061	EA	30" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,776.84	67.81
		For Aluminum Liner, Add	*88.41*	
		For 304 Stainless Steel Liner, Add	*120.56*	
		For 2" Wall Instead Of 1", Add	*499.17*	
		For 3" To 4" Wall Instead Of 1", Add	*757.23*	
23 51 16 00-0062	EA	32" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,985.30	69.79
		For Aluminum Liner, Add	*99.60*	
		For 304 Stainless Steel Liner, Add	*135.82*	
		For 2" Wall Instead Of 1", Add	*560.71*	
		For 3" To 4" Wall Instead Of 1", Add	*849.79*	
23 51 16 00-0063	EA	34" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,168.22	73.78
		For Aluminum Liner, Add	*109.11*	
		For 304 Stainless Steel Liner, Add	*148.79*	
		For 2" Wall Instead Of 1", Add	*613.60*	
		For 3" To 4" Wall Instead Of 1", Add	*929.61*	
23 51 16 00-0064	EA	36" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,234.03	79.76
		For Aluminum Liner, Add	*111.91*	
		For 304 Stainless Steel Liner, Add	*152.61*	
		For 2" Wall Instead Of 1", Add	*630.35*	
		For 3" To 4" Wall Instead Of 1", Add	*955.49*	
23 51 16 00-0065	EA	38" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,393.60	82.56
		For Aluminum Liner, Add	*120.30*	
		For 304 Stainless Steel Liner, Add	*164.05*	
		For 2" Wall Instead Of 1", Add	*676.83*	
		For 3" To 4" Wall Instead Of 1", Add	*1,025.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0066	EA	40" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,549.21	83.76
		For Aluminum Liner, Add	*128.70*	
		For 304 Stainless Steel Liner, Add	*175.50*	
		For 2" Wall Instead Of 1", Add	*722.91*	
		For 3" To 4" Wall Instead Of 1", Add	*1,094.83*	
23 51 16 00-0067	EA	42" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,660.91	87.75
		For Aluminum Liner, Add	*134.29*	
		For 304 Stainless Steel Liner, Add	*183.13*	
		For 2" Wall Instead Of 1", Add	*754.43*	
		For 3" To 4" Wall Instead Of 1", Add	*1,142.60*	
23 51 16 00-0068	EA	44" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,823.46	91.73
		For Aluminum Liner, Add	*142.69*	
		For 304 Stainless Steel Liner, Add	*194.57*	
		For 2" Wall Instead Of 1", Add	*801.20*	
		For 3" To 4" Wall Instead Of 1", Add	*1,213.26*	
23 51 16 00-0069	EA	46" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	3,036.90	95.72
		For Aluminum Liner, Add	*153.88*	
		For 304 Stainless Steel Liner, Add	*209.83*	
		For 2" Wall Instead Of 1", Add	*863.24*	
		For 3" To 4" Wall Instead Of 1", Add	*1,306.82*	
23 51 16 00-0070	EA	48" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	3,148.60	99.70
		For Aluminum Liner, Add	*159.47*	
		For 304 Stainless Steel Liner, Add	*217.46*	
		For 2" Wall Instead Of 1", Add	*894.76*	
		For 3" To 4" Wall Instead Of 1", Add	*1,354.60*	
23 51 16 00-0071		**Tees** *(23 51 16 00-0001)*		
23 51 16 00-0072	EA	3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	100.88	23.63
		For Aluminum Liner, Add	*2.29*	
		For 304 Stainless Steel Liner, Add	*3.13*	
		For 2" Wall Instead Of 1", Add	*18.43*	
		For 3" To 4" Wall Instead Of 1", Add	*30.60*	
23 51 16 00-0073	EA	4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	105.07	24.53
		For Aluminum Liner, Add	*2.41*	
		For 304 Stainless Steel Liner, Add	*3.28*	
		For 2" Wall Instead Of 1", Add	*19.26*	
		For 3" To 4" Wall Instead Of 1", Add	*31.95*	
23 51 16 00-0074	EA	5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	109.59	25.53
		For Aluminum Liner, Add	*2.52*	
		For 304 Stainless Steel Liner, Add	*3.43*	
		For 2" Wall Instead Of 1", Add	*20.12*	
		For 3" To 4" Wall Instead Of 1", Add	*33.36*	
23 51 16 00-0075	EA	6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	117.38	26.62
		For Aluminum Liner, Add	*2.80*	
		For 304 Stainless Steel Liner, Add	*3.82*	
		For 2" Wall Instead Of 1", Add	*21.91*	
		For 3" To 4" Wall Instead Of 1", Add	*36.19*	
23 51 16 00-0076	EA	7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	139.60	27.72
		For Aluminum Liner, Add	*3.86*	
		For 304 Stainless Steel Liner, Add	*5.27*	
		For 2" Wall Instead Of 1", Add	*28.00*	
		For 3" To 4" Wall Instead Of 1", Add	*45.47*	
23 51 16 00-0077	EA	8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	149.80	29.01
		For Aluminum Liner, Add	*4.25*	
		For 304 Stainless Steel Liner, Add	*5.80*	
		For 2" Wall Instead Of 1", Add	*30.44*	
		For 3" To 4" Wall Instead Of 1", Add	*49.29*	
23 51 16 00-0078	EA	10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	285.55	30.42
		For Aluminum Liner, Add	*11.53*	
		For 304 Stainless Steel Liner, Add	*15.72*	
		For 2" Wall Instead Of 1", Add	*70.47*	
		For 3" To 4" Wall Instead Of 1", Add	*109.51*	
23 51 16 00-0079	EA	12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	332.05	31.91
		For Aluminum Liner, Add	*13.88*	
		For 304 Stainless Steel Liner, Add	*18.92*	
		For 2" Wall Instead Of 1", Add	*83.67*	
		For 3" To 4" Wall Instead Of 1", Add	*129.49*	
23 51 16 00-0080	EA	14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	499.63	35.50
		For Aluminum Liner, Add	*22.61*	
		For 304 Stainless Steel Liner, Add	*30.83*	
		For 2" Wall Instead Of 1", Add	*132.17*	
		For 3" To 4" Wall Instead Of 1", Add	*202.68*	
23 51 16 00-0081	EA	16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	681.60	39.88
		For Aluminum Liner, Add	*32.01*	
		For 304 Stainless Steel Liner, Add	*43.65*	
		For 2" Wall Instead Of 1", Add	*184.55*	
		For 3" To 4" Wall Instead Of 1", Add	*281.81*	
23 51 16 00-0082	EA	18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	846.44	45.57
		For Aluminum Liner, Add	*40.29*	
		For 304 Stainless Steel Liner, Add	*54.94*	
		For 2" Wall Instead Of 1", Add	*231.15*	
		For 3" To 4" Wall Instead Of 1", Add	*352.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0083	EA	20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,127.52	56.33
		For Aluminum Liner, Add	*54.28*	
		For 304 Stainless Steel Liner, Add	*74.01*	
		For 2" Wall Instead Of 1", Add	*310.12*	
		For 3" To 4" Wall Instead Of 1", Add	*472.22*	
23 51 16 00-0084	EA	22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,414.98	73.58
		For Aluminum Liner, Add	*67.71*	
		For 304 Stainless Steel Liner, Add	*92.33*	
		For 2" Wall Instead Of 1", Add	*387.70*	
		For 3" To 4" Wall Instead Of 1", Add	*590.75*	
23 51 16 00-0085	EA	24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,628.93	77.78
		For Aluminum Liner, Add	*78.90*	
		For 304 Stainless Steel Liner, Add	*107.59*	
		For 2" Wall Instead Of 1", Add	*449.79*	
		For 3" To 4" Wall Instead Of 1", Add	*684.41*	
23 51 16 00-0086	EA	26" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,244.21	83.76
		For Aluminum Liner, Add	*111.91*	
		For 304 Stainless Steel Liner, Add	*152.61*	
		For 2" Wall Instead Of 1", Add	*631.37*	
		For 3" To 4" Wall Instead Of 1", Add	*957.53*	
23 51 16 00-0087	EA	28" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,506.59	87.04
		For Aluminum Liner, Add	*125.90*	
		For 304 Stainless Steel Liner, Add	*171.68*	
		For 2" Wall Instead Of 1", Add	*708.48*	
		For 3" To 4" Wall Instead Of 1", Add	*1,073.59*	
23 51 16 00-0088	EA	30" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,721.88	91.73
		For Aluminum Liner, Add	*137.09*	
		For 304 Stainless Steel Liner, Add	*186.94*	
		For 2" Wall Instead Of 1", Add	*770.70*	
		For 3" To 4" Wall Instead Of 1", Add	*1,167.52*	
23 51 16 00-0089	EA	32" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,138.73	95.72
		For Aluminum Liner, Add	*159.47*	
		For 304 Stainless Steel Liner, Add	*217.46*	
		For 2" Wall Instead Of 1", Add	*893.77*	
		For 3" To 4" Wall Instead Of 1", Add	*1,352.62*	
23 51 16 00-0090	EA	34" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,199.64	99.70
		For Aluminum Liner, Add	*162.27*	
		For 304 Stainless Steel Liner, Add	*221.28*	
		For 2" Wall Instead Of 1", Add	*910.04*	
		For 3" To 4" Wall Instead Of 1", Add	*1,377.52*	
23 51 16 00-0091	EA	36" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,725.09	106.39
		For Aluminum Liner, Add	*190.25*	
		For 304 Stainless Steel Liner, Add	*259.43*	
		For 2" Wall Instead Of 1", Add	*1,064.32*	
		For 3" To 4" Wall Instead Of 1", Add	*1,609.78*	
23 51 16 00-0092	EA	38" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,809.16	119.65
		For Aluminum Liner, Add	*193.05*	
		For 304 Stainless Steel Liner, Add	*263.24*	
		For 2" Wall Instead Of 1", Add	*1,082.90*	
		For 3" To 4" Wall Instead Of 1", Add	*1,639.31*	
23 51 16 00-0093	EA	40" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,157.08	136.80
		For Aluminum Liner, Add	*209.83*	
		For 304 Stainless Steel Liner, Add	*286.14*	
		For 2" Wall Instead Of 1", Add	*1,178.74*	
		For 3" To 4" Wall Instead Of 1", Add	*1,785.20*	
23 51 16 00-0094	EA	42" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,570.06	159.54
		For Aluminum Liner, Add	*229.42*	
		For 304 Stainless Steel Liner, Add	*312.84*	
		For 2" Wall Instead Of 1", Add	*1,291.25*	
		For 3" To 4" Wall Instead Of 1", Add	*1,956.82*	
23 51 16 00-0095	EA	44" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,975.61	179.48
		For Aluminum Liner, Add	*249.00*	
		For 304 Stainless Steel Liner, Add	*339.55*	
		For 2" Wall Instead Of 1", Add	*1,403.02*	
		For 3" To 4" Wall Instead Of 1", Add	*2,126.94*	
23 51 16 00-0096	EA	46" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	5,448.44	185.46
		For Aluminum Liner, Add	*274.18*	
		For 304 Stainless Steel Liner, Add	*373.88*	
		For 2" Wall Instead Of 1", Add	*1,541.87*	
		For 3" To 4" Wall Instead Of 1", Add	*2,335.97*	
23 51 16 00-0097	EA	48" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	5,768.77	191.44
		For Aluminum Liner, Add	*290.97*	
		For 304 Stainless Steel Liner, Add	*396.77*	
		For 2" Wall Instead Of 1", Add	*1,634.94*	
		For 3" To 4" Wall Instead Of 1", Add	*2,476.33*	
23 51 16 00-0098		Vent Top Caps *(23 51 16 00-0001)*		
23 51 16 00-0099	EA	3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	50.45	13.86
		For Aluminum Liner, Add	*0.87*	
		For 304 Stainless Steel Liner, Add	*1.18*	
		For 2" Wall Instead Of 1", Add	*8.20*	
		For 3" To 4" Wall Instead Of 1", Add	*14.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0100	EA	4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	52.87	14.56
		For Aluminum Liner, Add	*0.91*	
		For 304 Stainless Steel Liner, Add	*1.24*	
		For 2" Wall Instead Of 1", Add	*8.60*	
		For 3" To 4" Wall Instead Of 1", Add	*14.72*	
23 51 16 00-0101	EA	6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	68.67	15.95
		For Aluminum Liner, Add	*1.58*	
		For 304 Stainless Steel Liner, Add	*2.16*	
		For 2" Wall Instead Of 1", Add	*12.63*	
		For 3" To 4" Wall Instead Of 1", Add	*20.93*	
23 51 16 00-0102	EA	8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	73.06	17.74
		For Aluminum Liner, Add	*1.58*	
		For 304 Stainless Steel Liner, Add	*2.16*	
		For 2" Wall Instead Of 1", Add	*13.06*	
		For 3" To 4" Wall Instead Of 1", Add	*21.81*	
23 51 16 00-0103	EA	10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	89.29	18.74
		For Aluminum Liner, Add	*2.33*	
		For 304 Stainless Steel Liner, Add	*3.18*	
		For 2" Wall Instead Of 1", Add	*17.41*	
		For 3" To 4" Wall Instead Of 1", Add	*28.46*	
23 51 16 00-0104	EA	12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	105.81	19.94
		For Aluminum Liner, Add	*3.08*	
		For 304 Stainless Steel Liner, Add	*4.20*	
		For 2" Wall Instead Of 1", Add	*21.77*	
		For 3" To 4" Wall Instead Of 1", Add	*35.15*	
23 51 16 00-0105	EA	16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	253.29	22.73
		For Aluminum Liner, Add	*10.80*	
		For 304 Stainless Steel Liner, Add	*14.73*	
		For 2" Wall Instead Of 1", Add	*64.60*	
		For 3" To 4" Wall Instead Of 1", Add	*99.75*	
23 51 16 00-0106	EA	18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	474.08	28.52
		For Aluminum Liner, Add	*22.16*	
		For 304 Stainless Steel Liner, Add	*30.22*	
		For 2" Wall Instead Of 1", Add	*127.98*	
		For 3" To 4" Wall Instead Of 1", Add	*195.54*	
23 51 16 00-0107	EA	20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	879.01	34.20
		For Aluminum Liner, Add	*43.65*	
		For 304 Stainless Steel Liner, Add	*59.52*	
		For 2" Wall Instead Of 1", Add	*246.61*	
		For 3" To 4" Wall Instead Of 1", Add	*374.19*	
23 51 16 00-0108	EA	24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,462.59	47.86
		For Aluminum Liner, Add	*73.86*	
		For 304 Stainless Steel Liner, Add	*100.72*	
		For 2" Wall Instead Of 1", Add	*414.85*	
		For 3" To 4" Wall Instead Of 1", Add	*628.25*	
23 51 16 00-0109	EA	26" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,160.63	50.36
		For Aluminum Liner, Add	*111.91*	
		For 304 Stainless Steel Liner, Add	*152.61*	
		For 2" Wall Instead Of 1", Add	*623.01*	
		For 3" To 4" Wall Instead Of 1", Add	*940.81*	
23 51 16 00-0110	EA	28" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,422.02	53.15
		For Aluminum Liner, Add	*125.90*	
		For 304 Stainless Steel Liner, Add	*171.68*	
		For 2" Wall Instead Of 1", Add	*700.02*	
		For 3" To 4" Wall Instead Of 1", Add	*1,056.67*	
23 51 16 00-0111	EA	30" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,735.13	56.33
		For Aluminum Liner, Add	*142.69*	
		For 304 Stainless Steel Liner, Add	*194.57*	
		For 2" Wall Instead Of 1", Add	*792.37*	
		For 3" To 4" Wall Instead Of 1", Add	*1,195.60*	
23 51 16 00-0112	EA	32" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,896.53	59.82
		For Aluminum Liner, Add	*151.08*	
		For 304 Stainless Steel Liner, Add	*206.02*	
		For 2" Wall Instead Of 1", Add	*839.03*	
		For 3" To 4" Wall Instead Of 1", Add	*1,266.03*	
23 51 16 00-0113	EA	34" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	3,059.09	63.81
		For Aluminum Liner, Add	*159.47*	
		For 304 Stainless Steel Liner, Add	*217.46*	
		For 2" Wall Instead Of 1", Add	*885.81*	
		For 3" To 4" Wall Instead Of 1", Add	*1,336.69*	
23 51 16 00-0114	EA	36" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	3,273.83	68.40
		For Aluminum Liner, Add	*170.66*	
		For 304 Stainless Steel Liner, Add	*232.72*	
		For 2" Wall Instead Of 1", Add	*947.98*	
		For 3" To 4" Wall Instead Of 1", Add	*1,430.51*	

23 51 16 00-0115 Wall Thimbles *(23 51 16 00-0001)*

23 51 16 00-0116	EA	3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	20.45	7.48
		For Aluminum Liner, Add	*0.10*	
		For 304 Stainless Steel Liner, Add	*0.14*	
		For 2" Wall Instead Of 1", Add	*2.41*	
		For 3" To 4" Wall Instead Of 1", Add	*4.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0117	EA	4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	25.88	9.57
		For Aluminum Liner, Add	*0.10*	
		For 304 Stainless Steel Liner, Add	*0.14*	
		For 2" Wall Instead Of 1", Add	*2.96*	
		For 3" To 4" Wall Instead Of 1", Add	*5.64*	
23 51 16 00-0118	EA	5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	34.44	12.86
		For Aluminum Liner, Add	*0.13*	
		For 304 Stainless Steel Liner, Add	*0.17*	
		For 2" Wall Instead Of 1", Add	*3.90*	
		For 3" To 4" Wall Instead Of 1", Add	*7.46*	
23 51 16 00-0119	EA	7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	43.12	15.95
		For Aluminum Liner, Add	*0.18*	
		For 304 Stainless Steel Liner, Add	*0.24*	
		For 2" Wall Instead Of 1", Add	*4.96*	
		For 3" To 4" Wall Instead Of 1", Add	*9.43*	
23 51 16 00-0120	EA	10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	62.18	21.53
		For Aluminum Liner, Add	*0.46*	
		For 304 Stainless Steel Liner, Add	*0.63*	
		For 2" Wall Instead Of 1", Add	*7.89*	
		For 3" To 4" Wall Instead Of 1", Add	*14.52*	
23 51 16 00-0121	EA	12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	78.61	26.73
		For Aluminum Liner, Add	*0.65*	
		For 304 Stainless Steel Liner, Add	*0.89*	
		For 2" Wall Instead Of 1", Add	*10.22*	
		For 3" To 4" Wall Instead Of 1", Add	*18.67*	
23 51 16 00-0122	EA	14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	99.76	31.91
		For Aluminum Liner, Add	*1.10*	
		For 304 Stainless Steel Liner, Add	*1.50*	
		For 2" Wall Instead Of 1", Add	*13.98*	
		For 3" To 4" Wall Instead Of 1", Add	*24.95*	
23 51 16 00-0123	EA	18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	130.52	37.89
		For Aluminum Liner, Add	*1.97*	
		For 304 Stainless Steel Liner, Add	*2.69*	
		For 2" Wall Instead Of 1", Add	*20.21*	
		For 3" To 4" Wall Instead Of 1", Add	*35.05*	
23 51 16 00-0124	EA	22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	176.68	41.88
		For Aluminum Liner, Add	*3.96*	
		For 304 Stainless Steel Liner, Add	*5.40*	
		For 2" Wall Instead Of 1", Add	*32.07*	
		For 3" To 4" Wall Instead Of 1", Add	*53.33*	
23 51 16 00-0125		**Adjustable Roof Flashing** *(23 51 16 00-0001)*		
23 51 16 00-0126	EA	3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	55.98	17.74
		For Aluminum Liner, Add	*0.64*	
		For 304 Stainless Steel Liner, Add	*0.88*	
		For 2" Wall Instead Of 1", Add	*7.94*	
		For 3" To 4" Wall Instead Of 1", Add	*14.12*	
23 51 16 00-0127	EA	4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	62.01	18.74
		For Aluminum Liner, Add	*0.83*	
		For 304 Stainless Steel Liner, Add	*1.13*	
		For 2" Wall Instead Of 1", Add	*9.21*	
		For 3" To 4" Wall Instead Of 1", Add	*16.17*	
23 51 16 00-0128	EA	6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	78.37	21.24
		For Aluminum Liner, Add	*1.39*	
		For 304 Stainless Steel Liner, Add	*1.89*	
		For 2" Wall Instead Of 1", Add	*12.88*	
		For 3" To 4" Wall Instead Of 1", Add	*21.98*	
23 51 16 00-0129	EA	8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	95.81	24.53
		For Aluminum Liner, Add	*1.90*	
		For 304 Stainless Steel Liner, Add	*2.59*	
		For 2" Wall Instead Of 1", Add	*16.48*	
		For 3" To 4" Wall Instead Of 1", Add	*27.78*	
23 51 16 00-0130	EA	10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	161.13	26.62
		For Aluminum Liner, Add	*5.20*	
		For 304 Stainless Steel Liner, Add	*7.10*	
		For 2" Wall Instead Of 1", Add	*35.04*	
		For 3" To 4" Wall Instead Of 1", Add	*55.88*	
23 51 16 00-0131	EA	12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	192.53	29.01
		For Aluminum Liner, Add	*6.60*	
		For 304 Stainless Steel Liner, Add	*9.00*	
		For 2" Wall Instead Of 1", Add	*43.26*	
		For 3" To 4" Wall Instead Of 1", Add	*68.52*	
23 51 16 00-0132	EA	14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	227.28	31.91
		For Aluminum Liner, Add	*8.11*	
		For 304 Stainless Steel Liner, Add	*11.06*	
		For 2" Wall Instead Of 1", Add	*52.23*	
		For 3" To 4" Wall Instead Of 1", Add	*82.34*	
23 51 16 00-0133	EA	16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	271.87	35.50
		For Aluminum Liner, Add	*10.07*	
		For 304 Stainless Steel Liner, Add	*13.73*	
		For 2" Wall Instead Of 1", Add	*63.81*	
		For 3" To 4" Wall Instead Of 1", Add	*100.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0134	EA	18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	415.12	39.88
		For Aluminum Liner, Add	*17.35*	
		For 304 Stainless Steel Liner, Add	*23.65*	
		For 2" Wall Instead Of 1", Add	*104.59*	
		For 3" To 4" Wall Instead Of 1", Add	*161.87*	
23 51 16 00-0135	EA	20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	454.43	53.15
		For Aluminum Liner, Add	*17.68*	
		For 304 Stainless Steel Liner, Add	*24.11*	
		For 2" Wall Instead Of 1", Add	*109.74*	
		For 3" To 4" Wall Instead Of 1", Add	*171.26*	
23 51 16 00-0136	EA	22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	577.92	68.40
		For Aluminum Liner, Add	*22.38*	
		For 304 Stainless Steel Liner, Add	*30.52*	
		For 2" Wall Instead Of 1", Add	*139.18*	
		For 3" To 4" Wall Instead Of 1", Add	*217.32*	
23 51 16 00-0137	EA	24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	687.76	79.76
		For Aluminum Liner, Add	*26.86*	
		For 304 Stainless Steel Liner, Add	*36.63*	
		For 2" Wall Instead Of 1", Add	*166.44*	
		For 3" To 4" Wall Instead Of 1", Add	*259.64*	

23 51 16 00-0138 Galvanized Storm Collars *(23 51 16 00-0001)*

23 51 16 00-0139	EA	3" Round Galvanized Storm Collar, Double Wall	22.02	7.48
		For Aluminum Liner, Add	*0.19*	
		For 304 Stainless Steel Liner, Add	*0.25*	
		For 2" Wall Instead Of 1", Add	*2.88*	
		For 3" To 4" Wall Instead Of 1", Add	*5.25*	
23 51 16 00-0140	EA	4" Round Galvanized Storm Collar, Double Wall	27.81	9.57
		For Aluminum Liner, Add	*0.21*	
		For 304 Stainless Steel Liner, Add	*0.29*	
		For 2" Wall Instead Of 1", Add	*3.56*	
		For 3" To 4" Wall Instead Of 1", Add	*6.53*	
23 51 16 00-0141	EA	5" Round Galvanized Storm Collar, Double Wall	32.75	11.17
		For Aluminum Liner, Add	*0.27*	
		For 304 Stainless Steel Liner, Add	*0.36*	
		For 2" Wall Instead Of 1", Add	*4.24*	
		For 3" To 4" Wall Instead Of 1", Add	*7.76*	
23 51 16 00-0142	EA	6" Round Galvanized Storm Collar, Double Wall	37.70	12.76
		For Aluminum Liner, Add	*0.32*	
		For 304 Stainless Steel Liner, Add	*0.43*	
		For 2" Wall Instead Of 1", Add	*4.93*	
		For 3" To 4" Wall Instead Of 1", Add	*8.99*	
23 51 16 00-0143	EA	7" Or 8" Round Galvanized Storm Collar, Double Wall	47.58	15.95
		For Aluminum Liner, Add	*0.42*	
		For 304 Stainless Steel Liner, Add	*0.58*	
		For 2" Wall Instead Of 1", Add	*6.30*	
		For 3" To 4" Wall Instead Of 1", Add	*11.44*	
23 51 16 00-0144	EA	10" Round Galvanized Storm Collar, Double Wall	65.92	21.53
		For Aluminum Liner, Add	*0.66*	
		For 304 Stainless Steel Liner, Add	*0.91*	
		For 2" Wall Instead Of 1", Add	*9.01*	
		For 3" To 4" Wall Instead Of 1", Add	*16.20*	
23 51 16 00-0145	EA	12" Round Galvanized Storm Collar, Double Wall	81.32	26.73
		For Aluminum Liner, Add	*0.80*	
		For 304 Stainless Steel Liner, Add	*1.09*	
		For 2" Wall Instead Of 1", Add	*11.03*	
		For 3" To 4" Wall Instead Of 1", Add	*19.89*	
23 51 16 00-0146	EA	14" Or 16" Round Galvanized Storm Collar, Double Wall	104.39	31.91
		For Aluminum Liner, Add	*1.35*	
		For 304 Stainless Steel Liner, Add	*1.85*	
		For 2" Wall Instead Of 1", Add	*15.37*	
		For 3" To 4" Wall Instead Of 1", Add	*27.04*	
23 51 16 00-0147	EA	18" Or 20" Round Galvanized Storm Collar, Double Wall	139.29	37.89
		For Aluminum Liner, Add	*2.45*	
		For 304 Stainless Steel Liner, Add	*3.34*	
		For 2" Wall Instead Of 1", Add	*22.84*	
		For 3" To 4" Wall Instead Of 1", Add	*39.00*	
23 51 16 00-0148	EA	22" Or 24" Round Galvanized Storm Collar, Double Wall	198.60	41.88
		For Aluminum Liner, Add	*5.17*	
		For 304 Stainless Steel Liner, Add	*7.04*	
		For 2" Wall Instead Of 1", Add	*38.64*	
		For 3" To 4" Wall Instead Of 1", Add	*63.20*	

23 51 16 00-0149 Oval Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

23 51 16 00-0150 Oval Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0149)*

23 51 16 00-0151	LF	4" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	38.02	9.38
		For 2" Wall Instead Of 1", Add	*6.72*	
		For 3" To 4" Wall Instead Of 1", Add	*11.25*	
23 51 16 00-0152	LF	5" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	42.06	9.97
		For 2" Wall Instead Of 1", Add	*7.67*	
		For 3" To 4" Wall Instead Of 1", Add	*12.74*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0153	LF	6" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	46.70	10.67
		For 2" Wall Instead Of 1", Add	*8.69*	
		For 3" To 4" Wall Instead Of 1", Add	*14.36*	
23 51 16 00-0154		**45 Degree Elbows** *(23 51 16 00-0149)*		
23 51 16 00-0155	EA	4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	83.59	19.45
		For 2" Wall Instead Of 1", Add	*15.35*	
		For 3" To 4" Wall Instead Of 1", Add	*25.46*	
23 51 16 00-0156	EA	5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	97.53	22.73
		For 2" Wall Instead Of 1", Add	*17.89*	
		For 3" To 4" Wall Instead Of 1", Add	*29.68*	
23 51 16 00-0157	EA	6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	116.51	25.73
		For 2" Wall Instead Of 1", Add	*22.09*	
		For 3" To 4" Wall Instead Of 1", Add	*36.35*	
23 51 16 00-0158	EA	4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	85.34	19.45
		For 2" Wall Instead Of 1", Add	*15.87*	
		For 3" To 4" Wall Instead Of 1", Add	*26.24*	
23 51 16 00-0159	EA	5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	101.78	22.73
		For 2" Wall Instead Of 1", Add	*19.17*	
		For 3" To 4" Wall Instead Of 1", Add	*31.59*	
23 51 16 00-0160	EA	6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	119.26	25.73
		For 2" Wall Instead Of 1", Add	*22.91*	
		For 3" To 4" Wall Instead Of 1", Add	*37.58*	
23 51 16 00-0161		**Tees** *(23 51 16 00-0149)*		
23 51 16 00-0162	EA	4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	140.52	29.52
		For 2" Wall Instead Of 1", Add	*27.38*	
		For 3" To 4" Wall Instead Of 1", Add	*44.77*	
23 51 16 00-0163	EA	4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe	143.27	29.52
		For 2" Wall Instead Of 1", Add	*28.21*	
		For 3" To 4" Wall Instead Of 1", Add	*46.01*	
23 51 16 00-0164	EA	5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	164.64	33.90
		For 2" Wall Instead Of 1", Add	*32.44*	
		For 3" To 4" Wall Instead Of 1", Add	*52.90*	
23 51 16 00-0165	EA	6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe	188.58	37.99
		For 2" Wall Instead Of 1", Add	*37.58*	
		For 3" To 4" Wall Instead Of 1", Add	*61.12*	
23 51 16 00-0166		**Tops/Caps And Adjustable Flashing** *(23 51 16 00-0149)*		
23 51 16 00-0167	EA	4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	54.23	9.57
		For 2" Wall Instead Of 1", Add	*11.47*	
		For 3" To 4" Wall Instead Of 1", Add	*18.40*	
23 51 16 00-0168	EA	6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	85.21	12.86
		For 2" Wall Instead Of 1", Add	*19.13*	
		For 3" To 4" Wall Instead Of 1", Add	*30.30*	
23 51 16 00-0169	EA	4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	43.49	9.57
		For 2" Wall Instead Of 1", Add	*8.24*	
		For 3" To 4" Wall Instead Of 1", Add	*13.57*	
23 51 16 00-0170	EA	6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	75.10	12.86
		For 2" Wall Instead Of 1", Add	*16.10*	
		For 3" To 4" Wall Instead Of 1", Add	*25.76*	
23 51 16 00-0171		**Storm Collars** *(23 51 16 00-0149)*		
23 51 16 00-0172	EA	4" Oval Galvanized Storm Collar, Double Wall	27.81	9.57
		For 2" Wall Instead Of 1", Add	*3.56*	
		For 3" To 4" Wall Instead Of 1", Add	*6.53*	
23 51 16 00-0173	EA	5" Oval Galvanized Storm Collar, Double Wall	32.75	11.17
		For 2" Wall Instead Of 1", Add	*4.24*	
		For 3" To 4" Wall Instead Of 1", Add	*7.76*	
23 51 16 00-0174	EA	6" Oval Galvanized Storm Collar, Double Wall	37.70	12.76
		For 2" Wall Instead Of 1", Add	*4.93*	
		For 3" To 4" Wall Instead Of 1", Add	*8.99*	
23 51 16 00-0175		**Round Double Wall Flue/Vent Pipe And Fittings** *(23 51 16)*		
		Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
23 51 16 00-0176		**Round Double Wall Flue/Vent Pipe** *(23 51 16 00-0175)*		
		Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
23 51 16 00-0177	LF	6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	106.48	10.67
		For 316 Stainless Steel, Add	*12.78*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*7.99*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*15.97*	
23 51 16 00-0178	LF	8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	128.18	12.27
		For 316 Stainless Steel, Add	*15.59*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*9.75*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*19.49*	

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23 51 16 00-0179	LF	10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	142.40	13.26
		For 316 Stainless Steel, Add	*17.47*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*10.92*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*21.84*	
23 51 16 00-0180	LF	12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	160.72	14.46
		For 316 Stainless Steel, Add	*19.92*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*12.45*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*24.89*	
23 51 16 00-0181	LF	14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	181.26	15.15
		For 316 Stainless Steel, Add	*22.92*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.33*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*28.65*	
23 51 16 00-0182	LF	16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	191.43	15.95
		For 316 Stainless Steel, Add	*24.24*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*15.15*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*30.30*	
23 51 16 00-0183	LF	18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	212.30	16.85
		For 316 Stainless Steel, Add	*27.24*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*17.03*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*34.05*	
23 51 16 00-0184	LF	20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	261.44	26.62
		For 316 Stainless Steel, Add	*31.19*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*19.49*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*38.99*	
23 51 16 00-0185	LF	24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	326.10	29.91
		For 316 Stainless Steel, Add	*40.21*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*25.13*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*50.26*	
23 51 16 00-0186	LF	28" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	368.60	31.91
		For 316 Stainless Steel, Add	*46.22*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*28.89*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*57.77*	
23 51 16 00-0187	LF	32" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	412.64	35.40
		For 316 Stainless Steel, Add	*51.86*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*32.41*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*64.82*	
23 51 16 00-0188	LF	36" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	459.63	38.29
		For 316 Stainless Steel, Add	*58.24*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*36.40*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*72.81*	
23 51 16 00-0189	LF	42" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	524.71	43.57
		For 316 Stainless Steel, Add	*66.51*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*41.57*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*83.14*	
23 51 16 00-0190	LF	48" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	614.64	50.46
		For 316 Stainless Steel, Add	*78.16*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*48.85*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*97.70*	

23 51 16 00-0191 90 Degree Elbows *(23 51 16 00-0175)*

23 51 16 00-0192	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	508.33	22.04
		For 316 Stainless Steel, Add	*90.65*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*45.33*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*90.65*	
23 51 16 00-0193	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	561.55	24.53
		For 316 Stainless Steel, Add	*100.05*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*50.02*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*100.05*	
23 51 16 00-0194	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	639.59	26.62
		For 316 Stainless Steel, Add	*114.61*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*57.31*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*114.61*	
23 51 16 00-0195	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	723.04	29.01
		For 316 Stainless Steel, Add	*130.11*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*65.06*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*130.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0196	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	839.27	30.42
		For 316 Stainless Steel, Add	*152.66*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*76.33*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*152.66*	
23 51 16 00-0197	EA	16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	925.23	31.91
		For 316 Stainless Steel, Add	*169.10*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*84.55*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*169.10*	
23 51 16 00-0198	EA	18" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,070.34	33.60
		For 316 Stainless Steel, Add	*197.28*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*98.64*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*197.28*	
23 51 16 00-0199	EA	20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,236.77	53.15
		For 316 Stainless Steel, Add	*220.76*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*110.38*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*220.76*	
23 51 16 00-0200	EA	24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,523.46	59.82
		For 316 Stainless Steel, Add	*274.78*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*137.39*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*274.78*	
23 51 16 00-0201	EA	28" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,850.50	63.81
		For 316 Stainless Steel, Add	*338.19*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*169.10*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*338.19*	
23 51 16 00-0202	EA	32" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,448.95	68.30
		For 316 Stainless Steel, Add	*455.62*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*227.81*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*455.62*	
23 51 16 00-0203	EA	36" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,782.83	79.76
		For 316 Stainless Steel, Add	*516.68*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*258.34*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*516.68*	
23 51 16 00-0204	EA	42" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,092.60	87.04
		For 316 Stainless Steel, Add	*775.02*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*387.51*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*775.02*	
23 51 16 00-0205	EA	48" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	5,112.53	95.72
		For 316 Stainless Steel, Add	*974.65*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*487.32*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*974.65*	
23 51 16 00-0206		**45 Degree Elbows** *(23 51 16 00-0175)*		
23 51 16 00-0207	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	337.32	21.24
		For 316 Stainless Steel, Add	*56.83*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*28.42*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*56.83*	
23 51 16 00-0208	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	385.41	24.53
		For 316 Stainless Steel, Add	*64.82*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*32.41*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*64.82*	
23 51 16 00-0209	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	428.20	26.62
		For 316 Stainless Steel, Add	*72.34*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*36.17*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*72.34*	
23 51 16 00-0210	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	488.19	29.01
		For 316 Stainless Steel, Add	*83.14*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*41.57*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*83.14*	
23 51 16 00-0211	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	550.39	30.42
		For 316 Stainless Steel, Add	*94.88*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*47.44*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*94.88*	
23 51 16 00-0212	EA	16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	617.57	31.91
		For 316 Stainless Steel, Add	*107.56*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*53.78*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*107.56*	

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23 51 16 00-0213	EA	18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	692.22	33.60
		For 316 Stainless Steel, Add	*121.65*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*60.83*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*121.65*	
23 51 16 00-0214	EA	20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	828.13	53.15
		For 316 Stainless Steel, Add	*139.03*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*69.52*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*139.03*	
23 51 16 00-0215	EA	24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,042.02	59.82
		For 316 Stainless Steel, Add	*178.49*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*89.25*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*178.49*	
23 51 16 00-0216	EA	28" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,169.42	63.81
		For 316 Stainless Steel, Add	*201.98*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*100.99*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*201.98*	
23 51 16 00-0217	EA	32" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,521.28	68.30
		For 316 Stainless Steel, Add	*270.08*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*135.04*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*270.08*	
23 51 16 00-0218	EA	36" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,019.55	79.76
		For 316 Stainless Steel, Add	*364.03*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*182.01*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*364.03*	
23 51 16 00-0219	EA	42" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,683.47	87.04
		For 316 Stainless Steel, Add	*493.20*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*246.60*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*493.20*	
23 51 16 00-0220	EA	48" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,586.01	95.72
		For 316 Stainless Steel, Add	*669.34*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*334.67*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*669.34*	
23 51 16 00-0221		**Tees** *(23 51 16 00-0175)*		
23 51 16 00-0222	EA	6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	364.81	26.62
		For 316 Stainless Steel, Add	*65.62*	
		For Tee Cap, Add	*82.94*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*29.83*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*59.65*	
23 51 16 00-0223	EA	8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	415.38	29.01
		For 316 Stainless Steel, Add	*75.44*	
		For Tee Cap, Add	*93.95*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*34.29*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*68.58*	
23 51 16 00-0224	EA	10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	477.56	30.42
		For 316 Stainless Steel, Add	*88.35*	
		For Tee Cap, Add	*106.91*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*40.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*80.32*	
23 51 16 00-0225	EA	12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	549.45	31.91
		For 316 Stainless Steel, Add	*103.34*	
		For Tee Cap, Add	*121.85*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*46.97*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*93.94*	
23 51 16 00-0226	EA	14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	642.89	35.50
		For 316 Stainless Steel, Add	*121.94*	
		For Tee Cap, Add	*141.87*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*55.43*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*110.85*	
23 51 16 00-0227	EA	16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	722.01	39.88
		For 316 Stainless Steel, Add	*136.92*	
		For Tee Cap, Add	*159.35*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*62.24*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*124.47*	
23 51 16 00-0228	EA	18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	841.91	45.57
		For 316 Stainless Steel, Add	*160.17*	
		For Tee Cap, Add	*185.46*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*72.81*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*145.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0229	EA	20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	962.74	56.33
		For 316 Stainless Steel, Add	*180.84*	
		For Tee Cap, Add	*213.66*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*82.20*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*164.40*	
23 51 16 00-0230	EA	24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,221.04	79.76
		For 316 Stainless Steel, Add	*224.76*	
		For Tee Cap, Add	*274.12*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*102.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*204.32*	
23 51 16 00-0231	EA	28" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,485.71	87.04
		For 316 Stainless Steel, Add	*279.01*	
		For Tee Cap, Add	*329.77*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*126.82*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*253.64*	
23 51 16 00-0232	EA	32" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,977.22	95.72
		For 316 Stainless Steel, Add	*382.34*	
		For Tee Cap, Add	*431.34*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*173.79*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*347.59*	
23 51 16 00-0233	EA	36" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,203.58	106.39
		For 316 Stainless Steel, Add	*426.26*	
		For Tee Cap, Add	*480.62*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*193.76*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*387.51*	
23 51 16 00-0234	EA	42" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,510.67	159.54
		For 316 Stainless Steel, Add	*684.60*	
		For Tee Cap, Add	*761.96*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*311.18*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*622.37*	
23 51 16 00-0235	EA	48" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,412.45	191.44
		For 316 Stainless Steel, Add	*865.44*	
		For Tee Cap, Add	*954.28*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*393.38*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*786.76*	
23 51 16 00-0236		**Bellows** *(23 51 16 00-0175)*		
23 51 16 00-0237	EA	6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	696.65	21.24
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*64.35*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*128.70*	
23 51 16 00-0238	EA	8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	758.83	24.53
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*69.75*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*139.50*	
23 51 16 00-0239	EA	10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	829.82	26.62
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*76.33*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*152.66*	
23 51 16 00-0240	EA	12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	917.97	29.01
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*84.55*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*169.10*	
23 51 16 00-0241	EA	14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,027.14	30.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*95.12*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*190.23*	
23 51 16 00-0242	EA	16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,136.60	31.91
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*105.69*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*211.37*	
23 51 16 00-0243	EA	18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,269.97	33.60
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*118.60*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*237.20*	
23 51 16 00-0244	EA	20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,471.61	53.15
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*133.87*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*267.73*	
23 51 16 00-0245	EA	24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,817.05	59.82
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*166.75*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*333.49*	
23 51 16 00-0246	EA	28" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,038.40	63.81
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*187.88*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*375.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0247	EA	32" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,331.64	68.40
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*216.07*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*432.13*	
23 51 16 00-0248	EA	36" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,665.41	79.76
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*246.60*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*493.20*	
23 51 16 00-0249	EA	42" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,388.05	87.04
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*317.05*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*634.11*	
23 51 16 00-0250	EA	48" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,114.43	95.72
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*387.51*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*775.02*	

23 51 16 00-0251 Ventilated Roof Thimbles *(23 51 16 00-0175)*

23 51 16 00-0252	EA	6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	460.60	24.53
		For 316 Stainless Steel, Add	*39.93*	
23 51 16 00-0253	EA	8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	499.93	29.01
		For 316 Stainless Steel, Add	*42.74*	
23 51 16 00-0254	EA	10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	547.10	31.91
		For 316 Stainless Steel, Add	*46.74*	
23 51 16 00-0255	EA	12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	591.27	35.50
		For 316 Stainless Steel, Add	*50.26*	
23 51 16 00-0256	EA	14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	753.81	37.59
		For 316 Stainless Steel, Add	*65.99*	
23 51 16 00-0257	EA	16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	672.73	39.88
		For 316 Stainless Steel, Add	*57.31*	
23 51 16 00-0258	EA	18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	724.08	42.57
		For 316 Stainless Steel, Add	*61.77*	
23 51 16 00-0259	EA	20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	811.87	59.82
		For 316 Stainless Steel, Add	*66.23*	
23 51 16 00-0260	EA	24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	910.54	68.30
		For 316 Stainless Steel, Add	*73.98*	
23 51 16 00-0261	EA	28" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,041.18	73.58
		For 316 Stainless Steel, Add	*85.72*	
23 51 16 00-0262	EA	32" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,162.20	79.66
		For 316 Stainless Steel, Add	*96.29*	
23 51 16 00-0263	EA	36" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,296.01	95.62
		For 316 Stainless Steel, Add	*105.69*	
23 51 16 00-0264	EA	42" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,663.16	106.29
		For 316 Stainless Steel, Add	*139.74*	
23 51 16 00-0265	EA	48" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,060.33	119.55
		For 316 Stainless Steel, Add	*176.14*	

23 51 16 00-0266 Exit Cones *(23 51 16 00-0175)*

23 51 16 00-0267	EA	6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	318.89	13.86
23 51 16 00-0268	EA	8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	336.27	15.15
23 51 16 00-0269	EA	10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	361.62	15.95
23 51 16 00-0270	EA	12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	377.82	16.76
23 51 16 00-0271	EA	14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	416.52	17.25
23 51 16 00-0272	EA	16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	455.23	17.65
23 51 16 00-0273	EA	18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	552.84	18.25
23 51 16 00-0274	EA	20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	689.06	34.20
23 51 16 00-0275	EA	24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	867.04	36.80
23 51 16 00-0276	EA	28" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,035.15	38.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0277	EA	32" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,274.00	39.88
23 51 16 00-0278	EA	36" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,447.48	43.57
23 51 16 00-0279	EA	42" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,828.43	45.57
23 51 16 00-0280	EA	48" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,339.04	47.86
23 51 16 00-0281		**Vent Top Caps** *(23 51 16 00-0175)*		
23 51 16 00-0282	EA	6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	349.35	13.86
23 51 16 00-0283	EA	8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	404.37	15.15
23 51 16 00-0284	EA	10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	469.64	15.95
23 51 16 00-0285	EA	12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	539.85	16.76
23 51 16 00-0286	EA	14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	630.20	17.25
23 51 16 00-0287	EA	16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	715.98	17.74
23 51 16 00-0288	EA	18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	797.11	18.25
23 51 16 00-0289	EA	20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	954.34	34.20
23 51 16 00-0290	EA	24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,137.13	36.80
23 51 16 00-0291	EA	28" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,234.72	38.29
23 51 16 00-0292	EA	32" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,403.10	39.88
23 51 16 00-0293	EA	36" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,635.25	43.47
23 51 16 00-0294	EA	42" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,992.76	45.57
23 51 16 00-0295	EA	48" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,315.48	47.86
23 51 16 00-0296		**Roof Support Assemblies** *(23 51 16 00-0175)*		
23 51 16 00-0297	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	526.39	25.53
		For 316 Stainless Steel, Add	*92.53*	
23 51 16 00-0298	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	580.92	30.42
		For 316 Stainless Steel, Add	*100.99*	
23 51 16 00-0299	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	638.16	33.60
		For 316 Stainless Steel, Add	*110.85*	
23 51 16 00-0300	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	680.92	37.49
		For 316 Stainless Steel, Add	*117.43*	
23 51 16 00-0301	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	759.64	39.88
		For 316 Stainless Steel, Add	*131.99*	
23 51 16 00-0302	EA	16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	806.24	42.57
		For 316 Stainless Steel, Add	*139.97*	
23 51 16 00-0303	EA	18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	865.59	45.67
		For 316 Stainless Steel, Add	*150.31*	
23 51 16 00-0304	EA	20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	958.05	63.81
		For 316 Stainless Steel, Add	*159.70*	
23 51 16 00-0305	EA	24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,076.55	73.68
		For 316 Stainless Steel, Add	*178.49*	
23 51 16 00-0306	EA	28" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,244.53	79.76
		For 316 Stainless Steel, Add	*209.02*	
23 51 16 00-0307	EA	32" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,485.73	87.04
		For 316 Stainless Steel, Add	*253.64*	
23 51 16 00-0308	EA	36" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,722.13	106.39
		For 316 Stainless Steel, Add	*291.22*	
23 51 16 00-0309	EA	42" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,577.19	119.65
		For 316 Stainless Steel, Add	*455.62*	
23 51 16 00-0310	EA	48" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,158.33	136.01
		For 316 Stainless Steel, Add	*563.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0311		**Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings** *(23 51 16)* Note: With 1" insulation.		
23 51 16 00-0312		**Round Stainless Steel Double Wall Flue/Vent Pipe** *(23 51 16 00-0311)* Note: With 1" insulation.		
23 51 16 00-0313	LF	6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	92.39	10.67
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*6.58*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*13.15*	
23 51 16 00-0314	LF	7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	113.06	11.37
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*8.46*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*16.91*	
23 51 16 00-0315	LF	8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	129.36	12.27
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*9.86*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*19.73*	
23 51 16 00-0316	LF	10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	176.41	13.26
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.33*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*28.65*	
23 51 16 00-0317	LF	12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	228.87	14.56
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*19.26*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*38.52*	
23 51 16 00-0318	LF	14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	291.72	15.25
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*25.36*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*50.73*	
23 51 16 00-0319		**90 Degree Elbows** *(23 51 16 00-0311)*		
23 51 16 00-0320	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	199.96	21.24
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.68*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*29.36*	
23 51 16 00-0321	EA	7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	221.33	22.73
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*16.44*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*32.88*	
23 51 16 00-0322	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	249.22	24.53
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*18.79*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*37.58*	
23 51 16 00-0323	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	310.76	26.62
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*24.43*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*48.85*	
23 51 16 00-0324	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	370.77	29.01
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*29.83*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*59.65*	
23 51 16 00-0325	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	432.91	30.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*35.70*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*71.40*	
23 51 16 00-0326		**45 Degree Elbows** *(23 51 16 00-0311)*		
23 51 16 00-0327	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	163.28	21.24
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*11.01*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*22.02*	
23 51 16 00-0328	EA	7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	180.23	22.73
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*12.33*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*24.66*	
23 51 16 00-0329	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	202.26	24.53
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.09*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*28.18*	
23 51 16 00-0330	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	249.70	26.62
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*18.32*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*36.64*	
23 51 16 00-0331	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	296.18	29.01
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*22.37*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*44.74*	
23 51 16 00-0332	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	343.71	30.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*26.77*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*53.55*	
23 51 16 00-0333		**Tees With Tee Caps** *(23 51 16 00-0311)*		
23 51 16 00-0334	EA	6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	330.27	21.24
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*27.71*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*55.43*	
23 51 16 00-0335	EA	7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	418.62	22.73
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*36.17*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*72.34*	
23 51 16 00-0336	EA	8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	469.97	24.53
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*40.87*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*81.73*	
23 51 16 00-0337	EA	10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	641.84	26.62
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*57.54*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*115.08*	
23 51 16 00-0338	EA	12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	882.71	29.01
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*81.03*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*162.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0339	EA	14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	1,132.76	30.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*105.69*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*211.37*	
23 51 16 00-0340		**Joist Shields** *(23 51 16 00-0311)*		
23 51 16 00-0341	EA	6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	137.70	21.24
23 51 16 00-0342	EA	7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	148.53	22.73
23 51 16 00-0343	EA	8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	174.05	24.53
23 51 16 00-0344	EA	10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	218.03	26.62
23 51 16 00-0345	EA	12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	261.55	29.01
23 51 16 00-0346	EA	14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	310.79	30.42
23 51 16 00-0347		**Adjustable Roof Flashing** *(23 51 16 00-0311)*		
23 51 16 00-0348	EA	6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	164.70	21.24
23 51 16 00-0349	EA	7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	183.74	22.73
23 51 16 00-0350	EA	8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	199.86	24.53
23 51 16 00-0351	EA	10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	243.84	26.62
23 51 16 00-0352	EA	12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	301.53	29.01
23 51 16 00-0353	EA	14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	362.42	30.31
23 51 16 00-0354		**Vent Top Caps** *(23 51 16 00-0311)*		
23 51 16 00-0355	EA	6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	147.09	21.24
23 51 16 00-0356	EA	7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	184.92	22.73
23 51 16 00-0357	EA	8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	232.75	24.53
23 51 16 00-0358	EA	10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	374.22	26.62
23 51 16 00-0359	EA	12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	511.72	29.01
23 51 16 00-0360	EA	14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	653.69	30.42
23 51 16 00-0361		**Roof Support Assemblies** *(23 51 16 00-0311)*		
23 51 16 00-0362	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	220.99	21.24
23 51 16 00-0363	EA	7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	245.98	22.73
23 51 16 00-0364	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	266.80	24.53
23 51 16 00-0365	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	336.55	26.62
23 51 16 00-0366	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	398.95	29.01
23 51 16 00-0367	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	489.31	30.42
23 51 16 00-0368		**Polyvinyl Chloride (PVC) Flue/Vent Accessories** *(23 51 16)*		
23 51 16 00-0369		**Concentric Polyvinyl Chloride (PVC) Vent Termination** *(23 51 16 00-0368)*		
23 51 16 00-0370	EA	2" Concentric Polyvinyl Chloride (PVC) Vent Termination	222.62	40.59
23 51 16 00-0371	EA	3" Concentric Polyvinyl Chloride (PVC) Vent Termination	242.83	40.59
23 51 16 00-0372		**Polypropylene (PP) Flue/Vent Pipe And Fittings** *(23 51 16)*		
		Note: Centrotherm InnoFlue® Vent System		
23 51 16 00-0373		**Polypropylene Flue/Vent Rigid Pipe Sections** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent lengths with dedicated male and female ends.		
23 51 16 00-0374	EA	2" x 12" Polypropylene Flue/Vent Rigid Pipe Section	38.84	12.33
23 51 16 00-0375	EA	2" x 24" Polypropylene Flue/Vent Rigid Pipe Section	44.68	12.98
23 51 16 00-0376	EA	2" x 36" Polypropylene Flue/Vent Rigid Pipe Section	51.43	14.43
23 51 16 00-0377	EA	2" x 72" Polypropylene Flue/Vent Rigid Pipe Section	64.36	16.97
23 51 16 00-0378	EA	3" x 12" Polypropylene Flue/Vent Rigid Pipe Section	47.03	14.13
23 51 16 00-0379	EA	3" x 24" Polypropylene Flue/Vent Rigid Pipe Section	57.89	14.89
23 51 16 00-0380	EA	3" x 36" Polypropylene Flue/Vent Rigid Pipe Section	71.91	16.54
23 51 16 00-0381	EA	3" x 72" Polypropylene Flue/Vent Rigid Pipe Section	89.45	19.46
23 51 16 00-0382	EA	4" x 12" Polypropylene Flue/Vent Rigid Pipe Section	80.14	18.70
23 51 16 00-0383	EA	4" x 24" Polypropylene Flue/Vent Rigid Pipe Section	95.86	19.68
23 51 16 00-0384	EA	4" x 36" Polypropylene Flue/Vent Rigid Pipe Section	120.54	21.88
23 51 16 00-0385	EA	4" x 72" Polypropylene Flue/Vent Rigid Pipe Section	157.51	25.74
23 51 16 00-0386	EA	5" x 12" Polypropylene Flue/Vent Rigid Pipe Section	118.93	27.61
23 51 16 00-0387	EA	5" x 24" Polypropylene Flue/Vent Rigid Pipe Section	137.28	29.05
23 51 16 00-0388	EA	5" x 36" Polypropylene Flue/Vent Rigid Pipe Section	181.30	32.29
23 51 16 00-0389	EA	5" x 72" Polypropylene Flue/Vent Rigid Pipe Section	237.71	37.99
23 51 16 00-0390		**Polypropylene Flue/Vent Elbows** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0391	EA	2" Polypropylene Flue/Vent 15 Degree Elbow	48.14	14.99
23 51 16 00-0392	EA	3" Polypropylene Flue/Vent 15 Degree Elbow	57.21	15.78
23 51 16 00-0393	EA	4" Polypropylene Flue/Vent 15 Degree Elbow	73.14	16.35
23 51 16 00-0394	EA	5" Polypropylene Flue/Vent 15 Degree Elbow	85.92	17.02
23 51 16 00-0395	EA	2" Polypropylene Flue/Vent 30 Degree Elbow	48.14	14.99
23 51 16 00-0396	EA	3" Polypropylene Flue/Vent 30 Degree Elbow	57.21	15.78
23 51 16 00-0397	EA	4" Polypropylene Flue/Vent 30 Degree Elbow	73.14	16.35
23 51 16 00-0398	EA	5" Polypropylene Flue/Vent 30 Degree Elbow	85.92	17.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0399	EA	2" Polypropylene Flue/Vent 45 Degree Elbow	48.14	14.99
23 51 16 00-0400	EA	3" Polypropylene Flue/Vent 45 Degree Elbow	57.21	15.78
23 51 16 00-0401	EA	4" Polypropylene Flue/Vent 45 Degree Elbow	73.14	16.35
23 51 16 00-0402	EA	5" Polypropylene Flue/Vent 45 Degree Elbow	85.92	17.02
23 51 16 00-0403	EA	2" Polypropylene Flue/Vent 87 Degree Elbow	48.14	14.99
23 51 16 00-0404	EA	3" Polypropylene Flue/Vent 87 Degree Elbow	57.21	15.78
23 51 16 00-0405	EA	4" Polypropylene Flue/Vent 87 Degree Elbow	72.13	16.35
23 51 16 00-0406	EA	5" Polypropylene Flue/Vent 87 Degree Elbow	88.40	17.02
23 51 16 00-0407		**Polypropylene Flue/Vent Tees** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0408	EA	2" Polypropylene Flue/Vent Tee	161.83	22.48
23 51 16 00-0409	EA	3" Polypropylene Flue/Vent Tee	205.63	23.67
23 51 16 00-0410	EA	4" Polypropylene Flue/Vent Tee	242.95	24.53
23 51 16 00-0411	EA	5" Polypropylene Flue/Vent Tee	266.47	25.53
23 51 16 00-0412		**Polypropylene Flue/Vent Adaptors** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0413	EA	2" Polypropylene Flue/Vent Adaptor With Gasket	57.92	14.99
23 51 16 00-0414	EA	3" Polypropylene Flue/Vent Adaptor With Gasket	85.70	15.78
23 51 16 00-0415	EA	4" Polypropylene Flue/Vent Adaptor With Gasket	100.72	16.35
23 51 16 00-0416	EA	5" Polypropylene Flue/Vent Adaptor With Gasket	139.84	17.02
23 51 16 00-0417		**Polypropylene Flue/Vent Increases** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0418	EA	2" to 3" Polypropylene Flue/Vent Centric Increaser	64.77	15.38
23 51 16 00-0419	EA	3" to 4" Polypropylene Flue/Vent Centric Increaser	71.30	16.06
23 51 16 00-0420	EA	4" to 5" Polypropylene Flue/Vent Centric Increaser	134.00	16.68
23 51 16 00-0421	EA	2" to 3" Polypropylene Flue/Vent Eccentric Increaser	89.88	15.38
23 51 16 00-0422	EA	3" to 4" Polypropylene Flue/Vent Eccentric Increaser	69.25	16.06
23 51 16 00-0423	EA	4" to 5" Polypropylene Flue/Vent Eccentric Increaser	187.62	16.68
23 51 16 00-0424		**Polypropylene Flue/Vent Reducers** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0425	EA	3" to 2" Polypropylene Flue/Vent Reducer	64.77	15.38
23 51 16 00-0426	EA	4" to 3" Polypropylene Flue/Vent Reducer	71.30	16.06
23 51 16 00-0427	EA	5" to 4" Polypropylene Flue/Vent Reducer	167.43	16.68
23 51 16 00-0428		**Polypropylene Flue/Vent Test Ports** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0429	EA	2" Polypropylene Flue/Vent Test Port	80.75	22.48
23 51 16 00-0430	EA	3" Polypropylene Flue/Vent Test Port	91.31	23.67
23 51 16 00-0431	EA	4" Polypropylene Flue/Vent Test Port	145.28	24.53
23 51 16 00-0432	EA	5" Polypropylene Flue/Vent Test Port	155.43	25.53
23 51 16 00-0433		**Polypropylene Flue/Vent Cascade Components** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0434	EA	4" x 15" Polypropylene Flue/Vent Branch Tee With 4" Feeder	247.45	24.53
23 51 16 00-0435	EA	4" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	324.75	30.66
23 51 16 00-0436	EA	5" x 12" Polypropylene Flue/Vent Branch Tee With 4" Feeder	201.01	25.53
23 51 16 00-0437	EA	5" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	300.53	31.91
23 51 16 00-0438	EA	3" to 4" Polypropylene Flue/Vent Non-Return Valve	323.01	16.06
23 51 16 00-0439	EA	4" to 4" Polypropylene Flue/Vent Non-Return Valve	374.85	16.68
23 51 16 00-0440		**Polypropylene Flue/Vent Condensate Management** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0441	EA	2" Polypropylene Flue/Vent Horizontal Drain Tee	114.64	22.48
23 51 16 00-0442	EA	3" Polypropylene Flue/Vent Horizontal Drain Tee	140.20	23.67
23 51 16 00-0443	EA	4" Polypropylene Flue/Vent Horizontal Drain Tee	161.80	24.53
23 51 16 00-0444	EA	5" Polypropylene Flue/Vent Horizontal Drain Tee	185.76	25.53
23 51 16 00-0445	EA	4" Polypropylene Flue/Vent Horizontal Drain Fittings	207.66	24.53
23 51 16 00-0446	EA	5" Polypropylene Flue/Vent Horizontal Drain Fittings	229.65	25.53
23 51 16 00-0447	EA	2" Polypropylene Flue/Vent Tee Cap	68.62	7.50
23 51 16 00-0448	EA	3" Polypropylene Flue/Vent Tee Cap	88.91	7.88
23 51 16 00-0449	EA	4" Polypropylene Flue/Vent Tee Cap	106.24	8.18
23 51 16 00-0450	EA	5" Polypropylene Flue/Vent Tee Cap	139.76	8.51
23 51 16 00-0451	EA	2" Polypropylene Flue/Vent Tee Cap With Drain	129.31	22.48
23 51 16 00-0452	EA	3" Polypropylene Flue/Vent Tee Cap With Drain	160.54	23.67
23 51 16 00-0453	EA	4" Polypropylene Flue/Vent Tee Cap With Drain	187.03	24.53
23 51 16 00-0454	EA	5" Polypropylene Flue/Vent Tee Cap With Drain	227.23	25.53
23 51 16 00-0455		**Polypropylene Flue/Vent Terminations** *(23 51 16 00-0372)*		
23 51 16 00-0456	EA	2" Polypropylene-UV Black Flue/Vent Chimney Cover	174.75	14.99

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23 51 16 00-0457	EA	3" Polypropylene-UV Black Flue/Vent Chimney Cover	152.97	15.78
23 51 16 00-0458	EA	4" Polypropylene-UV Black Flue/Vent Chimney Cover	193.00	16.35
23 51 16 00-0459	EA	3" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	402.49	15.78
23 51 16 00-0460	EA	4" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	429.99	16.35
23 51 16 00-0461	EA	5" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	502.92	17.02
23 51 16 00-0462	EA	2"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	100.33	14.99
23 51 16 00-0463	EA	2"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	106.61	14.99
23 51 16 00-0464	EA	2"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	112.90	14.99
23 51 16 00-0465	EA	2"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	119.18	14.99
23 51 16 00-0466	EA	3"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	108.59	15.78
23 51 16 00-0467	EA	3"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	114.88	15.78
23 51 16 00-0468	EA	3"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	121.16	15.78
23 51 16 00-0469	EA	3"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	127.45	15.78
23 51 16 00-0470	EA	4"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	122.59	16.35
23 51 16 00-0471	EA	4"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	128.88	16.35
23 51 16 00-0472	EA	4"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	135.16	16.35
23 51 16 00-0473	EA	2" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	106.55	14.99
23 51 16 00-0474	EA	3" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	138.13	15.78
23 51 16 00-0475	EA	2" Polypropylene-UV Black Flue/Vent Termination Tee	121.46	22.48
23 51 16 00-0476	EA	3" Polypropylene-UV Black Flue/Vent Termination Tee	162.75	23.67
23 51 16 00-0477	EA	4" Polypropylene-UV Black Flue/Vent Termination Tee	194.06	24.53
23 51 16 00-0478	EA	5" Polypropylene-UV Black Flue/Vent Termination Tee	214.51	25.53
23 51 16 00-0479	EA	2" x 20" Polypropylene-UV Black Flue/Vent End Pipe	40.86	12.98
23 51 16 00-0480	EA	2" x 39" Polypropylene-UV Black Flue/Vent End Pipe	49.42	14.43
23 51 16 00-0481	EA	3" x 20" Polypropylene-UV Black Flue/Vent End Pipe	49.52	14.89
23 51 16 00-0482	EA	3" x 39" Polypropylene-UV Black Flue/Vent End Pipe	62.86	16.54
23 51 16 00-0483	EA	4" x 20" Polypropylene-UV Black Flue/Vent End Pipe	76.08	19.68
23 51 16 00-0484	EA	5" x 20" Polypropylene-UV Black Flue/Vent End Pipe	104.10	29.05
23 51 16 00-0485	EA	5" x 39" Polypropylene-UV Black Flue/Vent End Pipe	127.57	32.29
23 51 16 00-0486	EA	2" x 24" Polypropylene-UV Black Flue/Vent Vent Length	45.90	12.98
23 51 16 00-0487	EA	3" x 24" Polypropylene-UV Black Flue/Vent Vent Length	59.96	14.89
23 51 16 00-0488	EA	4" x 24" Polypropylene-UV Black Flue/Vent Vent Length	100.52	19.68
23 51 16 00-0489	EA	2" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	50.14	14.99
23 51 16 00-0490	EA	3" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	59.73	15.78
23 51 16 00-0491	EA	4" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	76.36	16.35
23 51 16 00-0492	EA	2" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	49.20	14.99
23 51 16 00-0493	EA	3" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	59.10	15.78
23 51 16 00-0494	EA	4" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	75.25	16.35
23 51 16 00-0495	EA	2" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	33.22	7.50
23 51 16 00-0496	EA	3" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	39.14	7.88
23 51 16 00-0497	EA	4" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	44.20	8.18
23 51 16 00-0498	EA	3" Stainless Steel Bird Screen For Polypropylene Flue/Vent	90.65	7.88
23 51 16 00-0499	EA	5" Stainless Steel Bird Screen For Polypropylene Flue/Vent	104.45	8.51
23 51 16 00-0500		**Polypropylene Flue/Vent Accessories** *(23 51 16 00-0372)*		
23 51 16 00-0501	EA	2" Spacer For Polypropylene Flue/Vent	16.97	3.75
23 51 16 00-0502	EA	3" Spacer For Polypropylene Flue/Vent	15.97	3.95
23 51 16 00-0503	EA	4" Spacer For Polypropylene Flue/Vent	16.44	4.09
23 51 16 00-0504	EA	5" Spacer For Polypropylene Flue/Vent	27.08	4.25
23 51 16 00-0505	EA	2" Flue Clamp For Polypropylene Flue/Vent	32.79	5.63
23 51 16 00-0506	EA	3" Flue Clamp For Polypropylene Flue/Vent	38.89	5.91
23 51 16 00-0507	EA	4" Flue Clamp For Polypropylene Flue/Vent	45.49	6.13
23 51 16 00-0508	EA	2" Support Clamp For Polypropylene Flue/Vent	31.05	5.63
23 51 16 00-0509	EA	4" Support Clamp For Polypropylene Flue/Vent	30.69	6.13
23 51 16 00-0510	EA	5" Support Clamp For Polypropylene Flue/Vent	37.97	6.38
23 51 16 00-0511	EA	3" Plastic Support Clamp For Polypropylene Flue/Vent	22.85	5.91
23 51 16 00-0512	EA	2" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	43.81	14.99
23 51 16 00-0513	EA	3" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	48.69	15.78
23 51 16 00-0514	EA	4" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	52.76	16.35
23 51 16 00-0515	EA	5" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	59.57	17.02
23 51 16 00-0516	EA	2" Single Wall EDPM Gasket For Polypropylene Flue/Vent	4.04	
23 51 16 00-0517	EA	3" Single Wall EDPM Gasket For Polypropylene Flue/Vent	4.51	
23 51 16 00-0518	EA	4" Single Wall EDPM Gasket For Polypropylene Flue/Vent	6.11	
23 51 16 00-0519	EA	5" Single Wall EDPM Gasket For Polypropylene Flue/Vent	10.09	
23 51 16 00-0520	EA	2" Connector Ring For Polypropylene Flue/Vent	13.70	3.75
23 51 16 00-0521	EA	3" Connector Ring For Polypropylene Flue/Vent	15.67	3.95
23 51 16 00-0522	EA	4" Connector Ring For Polypropylene Flue/Vent	16.96	4.09
23 51 16 00-0523	EA	5" Connector Ring For Polypropylene Flue/Vent	18.89	4.25
23 51 16 00-0524	EA	2"/4" Polypropylene Flue/Vent Air Intake, White	74.92	7.50
23 51 16 00-0525	EA	3"/5" Polypropylene Flue/Vent Air Intake, White	76.70	7.88
23 51 16 00-0526	EA	4"/6" Polypropylene Flue/Vent Air Intake, White	55.74	8.18
23 51 16 00-0527	EA	2" Base Support For Polypropylene Flue/Vent	65.63	5.63
23 51 16 00-0528	EA	3" Base Support For Polypropylene Flue/Vent	67.62	5.91
23 51 16 00-0529	EA	4" Base Support For Polypropylene Flue/Vent	91.76	6.13
23 51 16 00-0530	EA	5" Base Support For Polypropylene Flue/Vent	157.69	6.38
23 51 16 00-0531		**Polypropylene Flue/Vent Flex Pipe** *(23 51 16 00-0372)*		
23 51 16 00-0532	LF	2", Up To 50', Polypropylene Flue/Vent Flex Pipe	11.67	1.32
23 51 16 00-0533	LF	2", > 50', Polypropylene Flue/Vent Flex Pipe	10.00	1.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0534	LF	3", Up To 50', Polypropylene Flue/Vent Flex Pipe	14.39	1.55
23 51 16 00-0535	LF	3", > 50', Polypropylene Flue/Vent Flex Pipe	12.29	1.55
23 51 16 00-0536	LF	4", Up To 50', Polypropylene Flue/Vent Flex Pipe	20.93	1.92
23 51 16 00-0537	LF	4", > 50', Polypropylene Flue/Vent Flex Pipe	17.70	1.92
23 51 16 00-0538		Polypropylene Flue/Vent Couplers *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0539	EA	2" Polypropylene Flue/Vent Coupler, Single Wall to Flex	79.12	14.99
23 51 16 00-0540	EA	2" Polypropylene Flue/Vent Coupler, Flex to Single Wall	89.61	14.99
23 51 16 00-0541	EA	3" Polypropylene Flue/Vent Coupler, Flex to Single Wall	190.62	15.78
23 51 16 00-0542	EA	4" Polypropylene Flue/Vent Coupler, Flex to Single Wall	355.16	16.35
23 51 16 00-0543	EA	2" Polypropylene Flue/Vent Coupler, Flex to Flex	92.71	14.99
23 51 16 00-0544	EA	3" Polypropylene Flue/Vent Coupler, Flex to Flex	228.96	15.78
23 51 16 00-0545	EA	4" Polypropylene Flue/Vent Coupler, Flex to Flex	606.58	16.35
23 51 16 00-0546		Polypropylene Flue/Vent Flex End Terminations *(23 51 16 00-0372)*		
23 51 16 00-0547	EA	2" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	106.64	14.99
23 51 16 00-0548	EA	3" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	97.45	15.78
23 51 16 00-0549	EA	4" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	122.25	16.35
23 51 16 00-0550		Aluminum Flue/Vent Fittings *(23 51 16)*		
23 51 16 00-0551		Aluminum Vent Top Caps *(23 51 16 00-0550)*		
23 51 16 00-0552	EA	3" Aluminum Vent Cap (Star-Kap® 3-SK)	102.13	14.86
23 51 16 00-0553	EA	4" Aluminum Vent Cap (Star-Kap® 4-SK)	108.76	14.56
23 51 16 00-0554	EA	5" Aluminum Vent Cap (Star-Kap® 5-SK)	118.25	15.25
23 51 16 00-0555	EA	6" Aluminum Vent Cap (Star-Kap® 6-SK)	168.25	15.95
23 51 16 00-0556	EA	8" Aluminum Vent Cap (Star-Kap® 8-SK)	188.26	17.74
23 51 16 00-0557	EA	10" Aluminum Vent Cap (Star-Kap® 10-SK)	557.14	18.74
23 51 16 00-0558	EA	12" Aluminum Vent Cap (Star-Kap® 12-SK)	570.53	19.94

23 52 Heating Boilers *(23 50)*

23 52 13 Electric Boilers *(23 52)*

23 52 13 00-0001		Packaged Electric Steam Boiler *(23 52 13)*		
		Note: Includes burners, standard controls and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Rated by KW and MBH gross rated output.		
23 52 13 00-0002	EA	12 KW, 42 MBH Electric Steam Boiler With Packaged Standard Controls	7,850.97	599.62
23 52 13 00-0003	EA	24 KW, 84 MBH Electric Steam Boiler With Packaged Standard Controls	8,476.00	699.56
23 52 13 00-0004	EA	36 KW, 126 MBH Electric Steam Boiler With Packaged Standard Controls	9,096.69	749.53
23 52 13 00-0005	EA	48 KW, 168 MBH Electric Steam Boiler With Packaged Standard Controls	10,126.99	799.50
23 52 13 00-0006	EA	60 KW, 210 MBH Electric Steam Boiler With Packaged Standard Controls	11,132.49	849.47
23 52 13 00-0007	EA	80 KW, 280 MBH Electric Steam Boiler With Packaged Standard Controls	12,994.99	949.40
23 52 13 00-0008	EA	100 KW, 350 MBH Electric Steam Boiler With Packaged Standard Controls	14,857.57	1,049.34
23 52 13 00-0009	EA	120 KW, 420 MBH Electric Steam Boiler With Packaged Standard Controls	15,461.05	1,099.31
23 52 13 00-0010	EA	140 KW, 490 MBH Electric Steam Boiler With Packaged Standard Controls	16,281.12	1,149.28
23 52 13 00-0011	EA	160 KW, 560 MBH Electric Steam Boiler With Packaged Standard Controls	21,288.13	1,249.21
23 52 13 00-0012	EA	180 KW, 630 MBH Electric Steam Boiler With Packaged Standard Controls	22,186.10	1,299.18
23 52 13 00-0013	EA	200 KW, 700 MBH Electric Steam Boiler With Packaged Standard Controls	23,449.68	1,466.67
23 52 13 00-0014	EA	220 KW, 770 MBH Electric Steam Boiler With Packaged Standard Controls	24,425.45	1,575.31
23 52 13 00-0015	EA	240 KW, 840 MBH Electric Steam Boiler With Packaged Standard Controls	26,349.28	1,683.95
23 52 13 00-0016	EA	260 KW, 910 MBH Electric Steam Boiler With Packaged Standard Controls	28,377.67	1,846.91
23 52 13 00-0017	EA	280 KW, 980 MBH Electric Steam Boiler With Packaged Standard Controls	30,178.47	1,901.23
23 52 13 00-0018	EA	300 KW, 1,050 MBH Electric Steam Boiler With Packaged Standard Controls	31,640.19	1,955.56
23 52 13 00-0019	EA	320 KW, 1,120 MBH Electric Steam Boiler With Packaged Standard Controls	33,637.75	2,009.88
23 52 13 00-0020	EA	360 KW, 1,260 MBH Electric Steam Boiler With Packaged Standard Controls	35,635.86	2,064.20
23 52 13 00-0021	EA	400 KW, 1,400 MBH Electric Steam Boiler With Packaged Standard Controls	38,129.81	2,172.84
23 52 13 00-0022	EA	460 KW, 1,610 MBH Electric Steam Boiler With Packaged Standard Controls	40,699.81	2,281.48
23 52 13 00-0023	EA	500 KW, 1,750 MBH Electric Steam Boiler With Packaged Standard Controls	43,215.49	2,335.80
23 52 13 00-0024	EA	600 KW, 2,100 MBH Electric Steam Boiler With Packaged Standard Controls	47,877.14	2,390.12
23 52 13 00-0025	EA	700 KW, 2,450 MBH Electric Steam Boiler With Packaged Standard Controls	51,563.75	2,498.77
23 52 13 00-0026	EA	756 KW, 2,646 MBH Electric Steam Boiler With Packaged Standard Controls	52,810.72	2,607.41
23 52 13 00-0027	EA	828 KW, 2,898 MBH Electric Steam Boiler With Packaged Standard Controls	58,047.85	2,770.37
23 52 13 00-0028	EA	936 KW, 3,276 MBH Electric Steam Boiler With Packaged Standard Controls	59,941.08	2,933.33
23 52 13 00-0029	EA	1,008 KW, 3,528 MBH Electric Steam Boiler With Packaged Standard Controls	61,942.95	3,096.31
23 52 13 00-0030	EA	1,116 KW, 3,906 MBH Electric Steam Boiler With Packaged Standard Controls	65,775.73	3,259.27
23 52 13 00-0031	EA	1,224 KW, 4,284 MBH Electric Steam Boiler With Packaged Standard Controls	67,480.44	3,367.91
23 52 13 00-0032	EA	1,368 KW, 4,788 MBH Electric Steam Boiler With Packaged Standard Controls	69,717.16	3,585.20
23 52 13 00-0033	EA	1,440 KW, 5,040 MBH Electric Steam Boiler With Packaged Standard Controls	72,102.47	3,802.48
23 52 13 00-0034	EA	1,512 KW, 5,292 MBH Electric Steam Boiler With Packaged Standard Controls	78,743.94	4,019.76
23 52 13 00-0035	EA	1,620 KW, 5,670 MBH Electric Steam Boiler With Packaged Standard Controls	83,011.28	4,237.05

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 13 00-0036		Packaged Electric Hot Water Boiler *(23 52 13)* Note: Flush jacketed steel shell. Includes burners, and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.). Rated by KW and MBH gross rated output.		
23 52 13 00-0037	EA	9 KW, 31 MBH, Electric Hot Boiler With Packaged Standard Controls	6,892.94	549.65
23 52 13 00-0038	EA	12 KW, 41 MBH, Electric Hot Boiler With Packaged Standard Controls	7,260.06	599.62
23 52 13 00-0039	EA	18 KW, 61 MBH, Electric Hot Boiler With Packaged Standard Controls	7,627.18	649.59
23 52 13 00-0040	EA	24 KW, 82 MBH, Electric Hot Boiler With Packaged Standard Controls	7,983.82	699.56
23 52 13 00-0041	EA	36 KW, 123 MBH, Electric Hot Boiler With Packaged Standard Controls	8,395.82	749.53
23 52 13 00-0042	EA	48 KW, 164 MBH, Electric Hot Boiler With Packaged Standard Controls	8,698.69	799.50
23 52 13 00-0043	EA	60 KW, 205 MBH Electric Hot Boiler With Packaged Standard Controls	9,065.81	849.47
23 52 13 00-0044	EA	72 KW, 246 MBH Electric Hot Boiler With Packaged Standard Controls	9,616.49	899.43
23 52 13 00-0045	EA	84 KW, 287 MBH Electric Hot Boiler With Packaged Standard Controls	10,101.04	949.40
23 52 13 00-0046	EA	90 KW, 307 MBH Electric Hot Boiler With Packaged Standard Controls	10,394.74	999.37
23 52 13 00-0047	EA	105 KW, 358 MBH Electric Hot Boiler With Packaged Standard Controls	11,163.48	1,049.34
23 52 13 00-0048	EA	120 KW, 409 MBH Electric Hot Boiler With Packaged Standard Controls	11,888.91	1,099.31
23 52 13 00-0049	EA	135 KW, 461 MBH Electric Hot Boiler With Packaged Standard Controls	13,202.01	1,149.28
23 52 13 00-0050	EA	150 KW, 512 MBH Electric Hot Boiler With Packaged Standard Controls	14,061.12	1,199.25
23 52 13 00-0051	EA	165 KW, 563 MBH Electric Hot Boiler With Packaged Standard Controls	14,781.63	1,249.21
23 52 13 00-0052	EA	180 KW, 614 MBH Electric Hot Boiler With Packaged Standard Controls	16,043.10	1,299.18
23 52 13 00-0053	EA	195 KW, 665 MBH Electric Hot Boiler With Packaged Standard Controls	17,670.65	1,466.67
23 52 13 00-0054	EA	225 KW, 768 MBH Electric Hot Boiler With Packaged Standard Controls	18,990.79	1,575.31
23 52 13 00-0055	EA	240 KW, 819 MBH Electric Hot Boiler With Packaged Standard Controls	20,428.75	1,683.95
23 52 13 00-0056	EA	270 KW, 921 MBH Electric Hot Boiler With Packaged Standard Controls	21,857.53	1,846.91
23 52 13 00-0057	EA	300 KW, 1,024 MBH Electric Hot Boiler With Packaged Standard Controls	23,295.48	1,955.56
23 52 13 00-0058	EA	330 KW, 1,126 MBH Electric Hot Boiler With Packaged Standard Controls	24,639.42	2,064.20
23 52 13 00-0059	EA	360 KW, 1,228 MBH Electric Hot Boiler With Packaged Standard Controls	26,526.57	2,118.52
23 52 13 00-0060	EA	390 KW, 1,331 MBH Electric Hot Boiler With Packaged Standard Controls	28,265.90	2,172.84
23 52 13 00-0061	EA	420 KW, 1,433 MBH Electric Hot Boiler With Packaged Standard Controls	29,931.82	2,281.48
23 52 13 00-0062	EA	450 KW, 1,535 MBH Electric Hot Boiler With Packaged Standard Controls	31,679.62	2,281.48
23 52 13 00-0063	EA	504 KW, 1,720 MBH Electric Hot Boiler With Packaged Standard Controls	34,700.98	2,335.80
23 52 13 00-0064	EA	612 KW, 2,088 MBH Electric Hot Boiler With Packaged Standard Controls	36,307.39	2,390.12
23 52 13 00-0065	EA	684 KW, 2,334 MBH Electric Hot Boiler With Packaged Standard Controls	38,336.31	2,498.77
23 52 13 00-0066	EA	720 KW, 2,457 MBH Electric Hot Boiler With Packaged Standard Controls	39,867.54	2,553.09
23 52 13 00-0067	EA	750 KW, 2,559 MBH Electric Hot Boiler With Packaged Standard Controls	41,404.32	2,607.41
23 52 13 00-0068	EA	810 KW, 2,764 MBH Electric Hot Boiler With Packaged Standard Controls	42,556.79	2,770.37
23 52 13 00-0069	EA	900 KW, 3,071 MBH Electric Hot Boiler With Packaged Standard Controls	44,639.54	2,933.33
23 52 13 00-0070	EA	1,020 KW, 3,480 MBH Electric Hot Boiler With Packaged Standard Controls	51,934.49	3,096.31
23 52 13 00-0071	EA	1,110 KW, 3,787 MBH Electric Hot Boiler With Packaged Standard Controls	56,975.71	3,259.27
23 52 13 00-0072	EA	1,200 KW, 4,094 MBH Electric Hot Boiler With Packaged Standard Controls	59,181.69	3,367.91
23 52 13 00-0073	EA	1350 KW, 4,606 MBH Electric Hot Boiler With Packaged Standard Controls	61,639.15	3,585.20
23 52 13 00-0074	EA	1,440 KW, 4,913 MBH Electric Hot Boiler With Packaged Standard Controls	64,096.62	3,802.48
23 52 13 00-0075	EA	1,560 KW, 5,323 MBH Electric Hot Boiler With Packaged Standard Controls	71,030.70	4,019.76
23 52 13 00-0076	EA	1,680 KW, 5,732 MBH Electric Hot Boiler With Packaged Standard Controls	75,503.59	4,237.05
23 52 13 00-0077	EA	1,740 KW, 5,937 MBH Electric Hot Boiler With Packaged Standard Controls	77,410.38	4,345.69
23 52 13 00-0078	EA	1,800 KW, 6,142 MBH Electric Hot Boiler With Packaged Standard Controls	79,317.16	4,454.33
23 52 13 00-0079	EA	1,980 KW, 6,756 MBH Electric Hot Boiler With Packaged Standard Controls	79,751.73	4,617.29
23 52 13 00-0080	EA	2,100 KW, 7,165 MBH Electric Hot Boiler With Packaged Standard Controls	85,618.17	4,725.94
23 52 13 00-0081	EA	2,220 KW, 7,575 MBH Electric Hot Boiler With Packaged Standard Controls	89,540.38	4,888.90
23 52 13 00-0082	EA	2,600 KW, 8,871 MBH Electric Hot Boiler With Packaged Standard Controls	96,133.60	5,214.82
23 52 13 00-0083	EA	2,960 KW, 10,100 MBH Electric Hot Boiler With Packaged Standard Controls	103,612.83	5,758.03
23 52 13 00-0084	EA	3,240 KW, 11,055 MBH Electric Hot Boiler With Packaged Standard Controls	112,219.66	6,409.89
23 52 13 00-0085	EA	3,360 KW, 11,464 MBH Electric Hot Boiler With Packaged Standard Controls	118,812.88	7,061.74
23 52 16		**Condensing Boilers** *(23 52)*		
23 52 16 13		**Stainless-Steel Condensing Boilers** *(23 52 16)*		
23 52 16 13-0001		Hamilton Evo Series Stainless Steel Condensing Boilers *(23 52 16 13)* Note: Includes circulating pump, mounting rack, disconnect panel, plumbing and gas manifold, manual reset high limit and LWCO (Cal Code). Rated by gross rated output.		
23 52 16 13-0002	EA	75 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW79)	12,789.64	399.75
23 52 16 13-0003	EA	127 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW129)	13,476.94	532.47
23 52 16 13-0004	EA	168 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW179)	14,359.39	599.52
23 52 16 13-0005	EA	187 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW199.1)	15,222.88	632.90
23 52 16 13-0006	EA	281 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW299)	20,135.36	732.84
23 52 16 13-0007	EA	374 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW399)	23,326.63	799.40
23 52 16 13-0008	EA	589 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW599)	31,573.40	932.62
23 52 16 13-0009	EA	785 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW798) Note: Includes vent manifold.	43,986.63	1,065.93
23 52 16 13-0010	EA	980 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW998) Note: Includes vent manifold.	53,848.96	1,165.86
23 52 16 13-0011	EA	1,425 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1499)	77,877.25	1,365.64
23 52 16 13-0012	EA	1,900 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1999)	85,837.34	1,465.58
23 52 16 13-0013		Buderus SB615 Stainless Steel Condensing Boilers *(23 52 16 13)* Note: Includes Riello burners. Rated by gross rated output.		
23 52 16 13-0014	EA	484 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/145)	40,008.11	866.06
23 52 16 13-0015	EA	612 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/185)	41,918.52	932.62
23 52 16 13-0016	EA	791 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/240)	46,763.86	1,065.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0017	EA	1,022 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/310)	50,584.70	1,199.14
23 52 16 13-0018	EA	1,317 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/400)	56,206.19	1,299.08
23 52 16 13-0019	EA	1,459 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/510)	64,329.79	1,365.64
23 52 16 13-0020	EA	2,104 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/640)	77,143.45	1,465.58
23 52 16 13-0021		**Buderus SB735 Stainless Steel Condensing Boilers** *(23 52 16 13)*		
		Note: Includes Riello burners. Rated by gross rated output.		
23 52 16 13-0022	EA	2,650 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/790)	80,159.13	1,598.80
23 52 16 13-0023	EA	3,251 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/970)	92,919.37	1,665.45
23 52 16 13-0024	EA	4,079 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/1200)	107,764.06	1,732.11
23 52 16 13-0025		**Laars Neotherm Stainless Steel Condensing Boiler** *(23 52 16 13)*		
		Note: Compliant with SCAQMD. Rated by gross rated input.		
23 52 16 13-0026	EA	80 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH080)	7,874.93	433.02
23 52 16 13-0027	EA	105 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH105)	8,988.53	499.68
23 52 16 13-0028	EA	150 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH150)	10,064.53	599.52
23 52 16 13-0029	EA	210 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH210)	11,209.01	666.18
23 52 16 13-0030	EA	285 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH285)	14,119.31	732.84
23 52 16 13-0031	EA	399 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH399)	18,472.79	799.40
23 52 16 13-0032	EA	500 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH500)	22,209.02	866.06
23 52 16 13-0033	EA	600 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH600)	24,659.29	932.62
23 52 16 13-0034	EA	750 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH750)	26,788.07	999.27
23 52 16 13-0035	EA	850 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH850)	29,116.74	1,132.48
23 52 16 13-0036	EA	1,000 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1000)	41,504.11	1,199.14
23 52 16 13-0037	EA	1,700 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1700)	55,208.92	1,399.02
23 52 16 13-0038	EA	150 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV150)	18,348.04	599.52
23 52 16 13-0039	EA	199 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV199)	21,340.22	799.50
23 52 16 13-0040	EA	285 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV285)	27,975.87	899.43
23 52 16 13-0041	EA	399 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV399)	35,139.67	1,099.31
23 52 16 13-0042	EA	500 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV500)	41,545.84	1,199.25
23 52 16 13-0043	EA	600 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV600)	46,997.19	1,299.18
23 52 16 13-0044	EA	750 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV750)	56,462.29	1,399.12
23 52 16 13-0045	EA	850 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV850)	62,589.96	1,499.05
23 52 16 13-0046	EA	1,000 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1000)	82,422.30	1,598.99
23 52 16 13-0047	EA	1,700 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1700)	110,811.50	2,098.67
23 52 16 13-0048		**AERCO Benchmark Stainless-Steel Condensing Boilers** *(23 52 16 13)*		
		Note: Rated by gross rated output.		
23 52 16 13-0049	EA	1,500 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK1.5LN)	62,600.25	1,365.64
		Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0050	EA	2,000 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK2.0LN)	74,502.08	1,465.58
		Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0051	EA	3,000 MBH Water, 220 Volt, 1 Phase, 230 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000)	107,782.61	1,632.17
		Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0052	EA	3,000 MBH Water, 480 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000)	114,988.38	1,632.17
		Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0053		**Lochinvar Knight Stainless Steel Condensing Boilers** *(23 52 16 13)*		
		Note: Rated by gross rated output.		
23 52 16 13-0054	EA	184 MBH 95% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN211)	10,916.71	599.52
23 52 16 13-0055	EA	264 MBH 95% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KHB285N)	14,137.51	666.18
23 52 16 13-0056		**Lochinvar Knight XL Stainless Steel Condensing Boilers** *(23 52 16 13)*		
		Note: Rated by gross rated output.		
23 52 16 13-0057	EA	387 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0400N)	16,054.45	766.12
23 52 16 13-0058	EA	485 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0500N)	20,032.14	799.40
23 52 16 13-0059	EA	631 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0650N)	24,597.10	866.06
23 52 16 13-0060	EA	776 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0800N)	29,511.50	899.34
23 52 16 13-0061	EA	969 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX1000N)	36,102.52	965.99
23 52 16 13-0062		**Lochinvar Crest Stainless Steel Condensing Boilers** *(23 52 16 13)*		
		Note: Rated by gross rated output.		
23 52 16 13-0063	EA	1,203 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1251)	45,768.95	1,132.28
23 52 16 13-0064	EA	1,443 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1501)	47,223.96	1,299.08
23 52 16 13-0065	EA	1,684 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1751)	51,775.46	1,382.13
23 52 16 13-0066	EA	1,923 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2001)	56,326.96	1,465.58
23 52 16 13-0067	EA	2,400 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2501)	66,111.49	1,532.24
23 52 16 13-0068	EA	2,883 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3001)	73,259.47	1,598.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0069	EA	3,364 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3501)	90,054.47	1,665.45
23 52 16 13-0070	EA	3,843 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN4001)	99,517.26	1,732.01
23 52 16 13-0071	EA	4,804 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN5001)	122,144.43	1,798.57
23 52 16 13-0072		Patterson Kelley Stainless Steel Condensing Boilers *(23 52 16 13)*		
23 52 16 13-0073		Patterson Kelley Stainless Steel Condensing Boilers, SOLIS® Series *(23 52 16 13-0072)*		
23 52 16 13-0074	EA	1,500 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Patterson-Kelley SOLIS® SL-1500)	48,572.44	1,365.64
23 52 16 13-0075	EA	3,000 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Patterson-Kelley SOLIS® SL-3000)	74,917.11	1,632.17
23 52 16 13-0076		Patterson Kelley Stainless Steel Condensing Boilers, SONIC® Series *(23 52 16 13-0072)*		
23 52 16 13-0077	EA	650 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-650 SCD-650)	25,186.56	965.99
23 52 16 13-0078	EA	1,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-1000 SCD-1000)	30,262.40	1,199.14
23 52 16 13-0079	EA	2,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-2000)	51,620.15	1,465.58
23 52 16 13-0080	EA	4,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-4000)	89,058.10	1,732.11
23 52 16 13-0081		Patterson Kelley Stainless Steel Condensing Boilers, STORM® Series *(23 52 16 13-0072)*		
23 52 16 13-0082	EA	1,250 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST1250)	36,975.78	1,265.70
23 52 16 13-0083	EA	2,000 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST2000)	61,186.85	1,465.58
23 52 16 13-0084	EA	4,000 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST4000)	91,093.56	1,732.11
23 52 16 16		**Aluminum Condensing Boilers** *(23 52 16)*		
23 52 16 16-0001		Weil McLain Aluminum Condensing Boilers *(23 52 16 16)* Note: Rated by gross rated output.		
23 52 16 16-0002	EA	80 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	8,581.79	433.02
23 52 16 16-0003	EA	105 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	9,444.72	499.68
23 52 16 16-0004	EA	155 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	10,628.62	599.52
23 52 16 16-0005	EA	230 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	11,933.60	666.18
23 52 16 16-0006	EA	310 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	15,548.70	766.12
23 52 16 16-0007		Patterson Kelley Mach Series Aluminum Condensing Boilers *(23 52 16 16)* Note: Rated by gross rated output.		
23 52 16 16-0008	EA	300 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach CM300)	16,365.14	732.84
23 52 16 16-0009	EA	450 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C450)	18,404.48	832.78
23 52 16 16-0010	EA	750 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C750)	20,868.34	999.27
23 52 16 16-0011	EA	900 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C900)	30,833.51	1,132.48
23 52 16 16-0012	EA	1,050 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1050)	32,213.41	1,199.14
23 52 16 16-0013	EA	1,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1500)	49,859.44	1,365.64
23 52 16 16-0014	EA	2,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2000)	53,988.16	1,465.58
23 52 16 16-0015	EA	2,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2500)	75,258.06	1,598.80
23 52 16 16-0016	EA	3,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C3000)	87,412.44	1,632.17
23 52 16 16-0017	EA	4,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C4000)	99,490.39	1,732.11
23 52 16 16-0018		Buderus GB142 Wall Hung Aluminum Condensing Boilers *(23 52 16 16)* Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0019	EA	75 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/24) Note: Includes an aluminum heat exchanger and three speed circulating pump.	6,919.31	399.75
23 52 16 16-0020	EA	95 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/30) Note: Includes an aluminum heat exchanger and three speed circulating pump.	8,034.51	466.30
23 52 16 16-0021	EA	143 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/45) Note: Includes an aluminum heat exchanger and three speed circulating pump.	9,246.61	566.24
23 52 16 16-0022	EA	193 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/60) Note: Includes an aluminum heat exchanger and three speed circulating pump.	10,113.99	632.90
23 52 16 16-0023	EA	Optional Vertical Or Horizontal 3" Concentric Termination Kit For GB142 (Buderus 60L46)	326.08	99.94
23 52 16 16-0024	EA	Optional Stainless Steel Concentric Hood For GB142 (Buderus SJT3)	430.99	99.94
23 52 16 16-0025	EA	Optional GB Floor Stand For GB142 (Buderus 7098265)	935.79	99.94
23 52 16 16-0026		Buderus GB162 Wall Hung Aluminum Condensing Boilers *(23 52 16 16)* Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0027	EA	290 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/80) Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	11,422.58	732.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0028	EA	333 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/100) Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	14,173.09	766.12
23 52 16 16-0029	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/80-TL2) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	27,710.30	899.34
23 52 16 16-0030	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/80-TR2) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	25,861.14	899.34
23 52 16 16-0031	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/100-TL2) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	33,211.30	965.99
23 52 16 16-0032	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/100-TR2) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	31,362.14	965.99
23 52 16 16-0033	EA	870 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/80-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	38,606.75	1,132.48
23 52 16 16-0034	EA	999 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/100-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	46,758.33	1,199.14
23 52 16 16-0035	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/80-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	48,041.81	1,265.70
23 52 16 16-0036	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/80-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	48,782.41	1,265.70
23 52 16 16-0037	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/100-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	58,744.01	1,299.08
23 52 16 16-0038	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/100-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	59,484.61	1,299.08
23 52 16 16-0039	EA	EMS Control Module For Condensing Boiler (Buderus RC35)	776.61	99.94
23 52 16 16-0040		Buderus GB312 Aluminum Condensing Boilers *(23 52 16 16)* Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0041	EA	305 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/90) Note: Includes an aluminum heat exchanger.	16,540.58	732.84
23 52 16 16-0042	EA	409 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/120) Note: Includes an aluminum heat exchanger.	19,318.63	799.40
23 52 16 16-0043	EA	544 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/160) Note: Includes an aluminum heat exchanger.	24,269.62	882.65
23 52 16 16-0044	EA	676 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/200) Note: Includes an aluminum heat exchanger.	27,925.34	965.99
23 52 16 16-0045	EA	810 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/240) Note: Includes an aluminum heat exchanger.	33,455.62	1,065.93
23 52 16 16-0046	EA	944 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/280) Note: Includes an aluminum heat exchanger.	36,948.45	1,165.86
23 52 16 16-0047	EA	Optional CSD-1 Kit Consisting Of High And Low Gas Pressure Switches For GB312 (Buderus 7747019985)	499.07	49.97
23 52 16 16-0048	EA	Optional L4006E1125 Manual Reset Aquastat For GB312 (Buderus L4006E1125)	267.19	49.97
23 52 16 16-0049	EA	Optional Hydrolevel 550 low Water Cut-Off For GB312 (Buderus 550)	384.27	49.97
23 52 16 16-0050	EA	Optional Condensate Neutralization Tank For GB312 (Buderus 63035899)	819.13	49.97
23 52 16 19		**Copper Water-Tube Condensing Boilers** *(23 52 16)*		
23 52 16 19-0001		Laars Rheos+ Copper Fin Tube Condensing Boilers *(23 52 16 19)* Note: Rated by gross rated output.		
23 52 16 19-0002	EA	1,200 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	46,746.32	1,265.70
23 52 16 19-0003	EA	1,600 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	52,720.63	1,399.02
23 52 16 19-0004	EA	2,000 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	57,721.61	1,465.58
23 52 16 19-0005	EA	2,400 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	62,312.69	1,532.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 23		**Cast Iron Condensing Boilers** *(23 52 16)*		
23 52 16 23-0001		Hydrotherm KN Cast Iron Condensing Boilers *(23 52 16 23)*		
		Note: Rated by gross rated output.		
23 52 16 23-0002	EA	199 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-2)	16,368.20	632.90
23 52 16 23-0003	EA	399 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-4)	24,017.46	799.40
23 52 16 23-0004	EA	600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-6)	39,660.06	932.62
23 52 16 23-0005	EA	1,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-10)	52,069.78	1,199.14
23 52 16 23-0006	EA	1,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-16)	83,978.14	1,399.02
23 52 16 23-0007	EA	1,999 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-20)	75,843.46	1,465.58
23 52 16 23-0008	EA	2,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-26)	117,006.94	1,598.80
23 52 16 23-0009	EA	3,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-30)	128,033.71	1,632.17
23 52 23		**Cast-Iron Boilers** *(23 52)*		
23 52 23 00-0001		Weil-McLain Model 80 Cast Iron Boiler *(23 52 23)*		
		Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0002		Gas Fired Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*		
		Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0003	EA	209 MBH Steam, 242 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 380)	16,016.44	3,056.25
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0004	EA	297 MBH Steam, 344 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 480)	17,537.52	3,260.00
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0005	EA	386 MBH Steam, 448 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 580)	19,204.32	3,463.75
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0006	EA	476 MBH Steam, 551 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 680)	20,752.90	3,667.50
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0007	EA	565 MBH Steam, 655 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 780)	22,181.48	3,871.24
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0008	EA	654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 880)	24,144.73	4,074.99
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0009	EA	743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 980)	25,657.37	4,278.74
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0010	EA	833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1080)	26,853.91	4,482.49
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0011	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1180)	28,046.00	4,686.25
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0012	EA	1,018 MBH Steam, 1,172 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1280)	29,425.74	4,890.00
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0013		Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*		
23 52 23 00-0014	EA	209 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 380)	11,732.80	434.57
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0015	EA	297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 480)	13,047.73	434.57
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0016	EA	386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 580)	14,945.44	543.21
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0017	EA	476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 680)	16,286.20	543.21
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0018	EA	565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 780)	17,945.95	651.85
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0019	EA	654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 880)	19,719.13	651.85
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0020	EA	743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 980)	21,460.48	760.49
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0021	EA	833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1080)	22,886.34	869.14
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0022	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1180)	23,874.91	869.14
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0023	EA	1018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1280)	25,481.63	977.78
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0024		Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*		
		Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0025	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 380)	16,784.73	3,056.25
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0026	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler	18,443.15	3,260.00
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0027	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler	20,027.00	3,463.75
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0028	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler	21,798.58	3,667.50
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0029	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler	23,255.72	3,871.24
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0030	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler	25,393.02	4,074.99
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0031	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler	26,728.90	4,278.74
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0032	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	28,027.42	4,482.49
23 52 23 00-0033	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	29,220.87	4,686.25
23 52 23 00-0034	EA	1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	30,637.32	4,890.00
23 52 23 00-0035		Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*		
23 52 23 00-0036	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 380) Note: Fire tested factory assembled package cast iron unit.	12,501.09	434.57
23 52 23 00-0037	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 480) Note: Fire tested factory assembled package cast iron unit.	13,953.35	434.57
23 52 23 00-0038	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 580) Note: Fire tested factory assembled package cast iron unit.	15,768.12	543.21
23 52 23 00-0039	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 680) Note: Fire tested factory assembled package cast iron unit.	17,331.89	543.21
23 52 23 00-0040	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 780) Note: Fire tested factory assembled package cast iron unit.	19,020.20	651.85
23 52 23 00-0041	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 880) Note: Fire tested factory assembled package cast iron unit.	20,967.43	651.85
23 52 23 00-0042	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 980) Note: Fire tested factory assembled package cast iron unit.	22,532.00	760.49
23 52 23 00-0043	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1080) Note: Fire tested factory assembled package cast iron unit.	24,059.84	869.14
23 52 23 00-0044	EA	922 MBH Steam, 1,069 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1180) Note: Fire tested factory assembled package cast iron unit.	25,049.78	869.14
23 52 23 00-0045	EA	1,018 MBH Steam, 1,172 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1280) Note: Fire tested factory assembled package cast iron unit.	26,693.21	977.78
23 52 23 00-0046		Weil-McLain Model 88 Cast Iron Boiler *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0047		Gas Fired Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0048	EA	629 MBH Steam, 730 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 488) Note: Includes field assembly of individual sections and testing.	26,206.11	4,584.37
23 52 23 00-0049	EA	845 MBH Steam, 979 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 588) Note: Includes field assembly of individual sections and testing.	28,981.56	4,864.52
23 52 23 00-0050	EA	1072 MBH Steam, 1229 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 688) Note: Includes field assembly of individual sections and testing.	32,423.37	5,144.68
23 52 23 00-0051	EA	1,311 MBH Steam, 1,478 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 788) Note: Includes field assembly of individual sections and testing.	35,452.74	5,424.84
23 52 23 00-0052	EA	1,543 MBH Steam, 1,728 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 888) Note: Includes field assembly of individual sections and testing.	38,083.12	5,704.99
23 52 23 00-0053	EA	1,766 MBH Steam, 1,977 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 988) Note: Includes field assembly of individual sections and testing.	41,907.22	5,985.15
23 52 23 00-0054	EA	1,988 MBH Steam, 2,227 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1088) Note: Includes field assembly of individual sections and testing.	44,562.65	6,265.30
23 52 23 00-0055	EA	2,211 MBH Steam, 2,477 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1188) Note: Includes field assembly of individual sections and testing.	46,908.68	6,545.46
23 52 23 00-0056	EA	2,434 MBH Steam, 2,726 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1288) Note: Includes field assembly of individual sections and testing.	50,049.83	6,825.61
23 52 23 00-0057	EA	2,657 MBH Steam, 2,976 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1388) Note: Includes field assembly of individual sections and testing.	52,571.02	7,105.77
23 52 23 00-0058	EA	2,880 MBH Steam, 3,225 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1488) Note: Includes field assembly of individual sections and testing.	56,639.45	7,385.93
23 52 23 00-0059	EA	3,102 MBH Steam, 3,475 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1588) Note: Includes field assembly of individual sections and testing.	59,037.03	7,666.08
23 52 23 00-0060	EA	3,325 MBH Steam, 3,724 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1688) Note: Includes field assembly of individual sections and testing.	61,581.75	7,946.24
23 52 23 00-0061	EA	3,548 MBH Steam, 3,974 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1788) Note: Includes field assembly of individual sections and testing.	64,420.20	8,226.39
23 52 23 00-0062	EA	3,771 MBH Steam, 4,223 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1888) Note: Includes field assembly of individual sections and testing.	66,724.65	8,506.55
23 52 23 00-0063		Gas Fired Package Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)*		
23 52 23 00-0064	EA	629 MBH Steam, 730 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 488) Note: Fire tested factory assembled package unit.	21,479.52	760.49
23 52 23 00-0065	EA	845 MBH Steam, 979 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 588) Note: Fire tested factory assembled package unit.	24,361.72	869.14
23 52 23 00-0066	EA	1,072 MBH Steam, 1,229 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 688) Note: Fire tested factory assembled package unit.	27,926.55	977.78
23 52 23 00-0067	EA	1,311 MBH Steam, 1,478 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 788) Note: Fire tested factory assembled package unit.	31,049.44	1,086.42
23 52 23 00-0068	EA	1,543 MBH Steam, 1,728 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 888) Note: Fire tested factory assembled package unit.	33,350.22	1,086.42
23 52 23 00-0069	EA	1,766 MBH Steam, 1,977 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 988) Note: Fire tested factory assembled package unit.	37,284.91	1,195.06
23 52 23 00-0070	EA	1,988 MBH Steam, 2,227 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1088) Note: Fire tested factory assembled package unit.	39,614.25	1,195.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0071	EA	2,211 MBH Steam, 2,477 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1188) Note: Fire tested factory assembled package unit.	42,066.76	1,303.70
23 52 23 00-0072	EA	2,434 MBH Steam, 2,726 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1288) Note: Fire tested factory assembled package unit.	44,882.91	1,303.70
23 52 23 00-0073	EA	2,657 MBH Steam, 2,976 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1388) Note: Fire tested factory assembled package unit.	47,510.86	1,412.35
23 52 23 00-0074	EA	2,880 MBH Steam, 3,225 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1488) Note: Fire tested factory assembled package unit.	50,055.82	1,520.99
23 52 23 00-0075	EA	3,102 MBH Steam, 3,475 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1588) Note: Fire tested factory assembled package unit.	52,128.16	1,520.99
23 52 23 00-0076	EA	3,325 MBH Steam, 3,724 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1688) Note: Fire tested factory assembled package unit.	54,780.55	1,629.63
23 52 23 00-0077	EA	3,548 MBH Steam, 3,974 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1788) Note: Fire tested factory assembled package unit.	57,292.10	1,629.63
23 52 23 00-0078	EA	3,771 MBH Steam, 4,223 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1888) Note: Fire tested factory assembled package unit.	59,732.33	1,738.27
23 52 23 00-0079		**Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0080	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 488) Note: Includes field assembly of individual sections and testing.	27,152.53	4,584.37
23 52 23 00-0081	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 588) Note: Includes field assembly of individual sections and testing.	29,922.54	4,864.52
23 52 23 00-0082	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 688) Note: Includes field assembly of individual sections and testing.	33,609.12	5,144.68
23 52 23 00-0083	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 788) Note: Includes field assembly of individual sections and testing.	36,758.15	5,424.84
23 52 23 00-0084	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 888) Note: Includes field assembly of individual sections and testing.	39,255.26	5,704.99
23 52 23 00-0085	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 988) Note: Includes field assembly of individual sections and testing.	43,005.93	5,985.15
23 52 23 00-0086	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1088) Note: Includes field assembly of individual sections and testing.	46,212.09	6,265.30
23 52 23 00-0087	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1188) Note: Includes field assembly of individual sections and testing.	48,558.11	6,545.46
23 52 23 00-0088	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1288) Note: Includes field assembly of individual sections and testing.	51,666.63	6,825.61
23 52 23 00-0089	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1388) Note: Includes field assembly of individual sections and testing.	54,882.68	7,105.77
23 52 23 00-0090	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1488) Note: Includes field assembly of individual sections and testing.	59,068.05	7,385.93
23 52 23 00-0091	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1588) Note: Includes field assembly of individual sections and testing.	62,282.87	7,666.08
23 52 23 00-0092	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1688) Note: Includes field assembly of individual sections and testing.	64,008.99	7,946.24
23 52 23 00-0093	EA	3,548 MBH Steam, 3,974 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1788) Note: Includes field assembly of individual sections and testing.	66,774.02	8,226.39
23 52 23 00-0094	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1888) Note: Includes field assembly of individual sections and testing.	69,104.30	8,506.55
23 52 23 00-0095		**Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)*		
23 52 23 00-0096	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 488) Note: Fire tested factory assembled package cast iron unit.	22,425.94	760.49
23 52 23 00-0097	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 588) Note: Fire tested factory assembled package cast iron unit.	25,302.70	869.14
23 52 23 00-0098	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 688) Note: Fire tested factory assembled package cast iron unit.	29,098.70	977.78
23 52 23 00-0099	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 788) Note: Fire tested factory assembled package cast iron unit.	32,354.85	1,086.42
23 52 23 00-0100	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 888) Note: Fire tested factory assembled package cast iron unit.	34,525.09	1,086.42
23 52 23 00-0101	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 988) Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	38,383.63	1,195.06
23 52 23 00-0102	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1088) Note: Fire tested factory assembled package cast iron unit.	41,263.68	1,195.06
23 52 23 00-0103	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1188) Note: Fire tested factory assembled package cast iron unit.	43,716.20	1,303.70
23 52 23 00-0104	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1288) Note: Fire tested factory assembled package cast iron unit.	46,499.71	1,303.70
23 52 23 00-0105	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1388) Note: Fire tested factory assembled package cast iron unit.	49,829.32	1,412.35
23 52 23 00-0106	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1488) Note: Fire tested factory assembled package cast iron unit.	52,484.43	1,520.99
23 52 23 00-0107	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1588) Note: Fire tested factory assembled package cast iron unit.	54,014.20	1,520.99
23 52 23 00-0108	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1688) Note: Fire tested factory assembled package cast iron unit.	57,207.79	1,629.63
23 52 23 00-0109	EA	3,548 MBh Steam, 3,974 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1788) Note: Fire tested factory assembled package cast iron unit.	59,645.92	1,629.63
23 52 23 00-0110	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1888) Note: Fire tested factory assembled package cast iron unit.	62,084.78	1,738.27

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0111		**Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0112		**Gas Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0113	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	72,274.20	8,914.06
23 52 23 00-0114	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	78,407.50	9,423.42
23 52 23 00-0115	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	84,002.95	9,932.80
23 52 23 00-0116	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	89,480.29	10,442.18
23 52 23 00-0117	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	95,009.00	10,951.55
23 52 23 00-0118	EA	2,703 MBH Steam, 3,098 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	101,987.44	11,460.93
23 52 23 00-0119	EA	2,928 MBH Steam, 3,362 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	107,192.89	11,970.30
23 52 23 00-0120	EA	3,154 MBH Steam, 3,628 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	112,227.50	12,479.67
23 52 23 00-0121	EA	3,378 MBH Steam, 3,894 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	120,464.65	12,989.05
23 52 23 00-0122	EA	3,604 MBH Steam, 4,162 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	125,496.35	13,498.42
23 52 23 00-0123	EA	3,834 MBH Steam, 4,430 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	129,803.31	14,007.79
23 52 23 00-0124	EA	4,059 MBH Steam, 4,700 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	137,751.00	14,517.17
23 52 23 00-0125	EA	4,285 MBH Steam, 4,970 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	142,825.11	15,026.54
23 52 23 00-0126	EA	4,510 MBH Steam, 5,241 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	150,956.82	15,535.92
23 52 23 00-0127	EA	4,781 MBH Steam, 5,568 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	156,301.95	16,045.30
23 52 23 00-0128	EA	4,961 MBH Steam, 5,787 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	162,156.85	16,554.66
23 52 23 00-0129	EA	5,232 MBH Steam, 6,117 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	167,176.27	17,064.04
23 52 23 00-0130	EA	5,413 MBH Steam, 6,338 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	172,341.96	17,573.42
23 52 23 00-0131		**Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*		
23 52 23 00-0132	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	65,908.96	1,412.35
23 52 23 00-0133	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	71,887.41	1,520.99
23 52 23 00-0134	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	77,324.68	1,629.63
23 52 23 00-0135	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	82,647.68	1,738.27
23 52 23 00-0136	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	87,583.75	1,738.27
23 52 23 00-0137	EA	2,703 MBH Steam, 3,098 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	92,779.08	1,846.91
23 52 23 00-0138	EA	2,928 MBH Steam, 3,362 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	97,392.88	1,846.91
23 52 23 00-0139	EA	3,154 MBH Steam, 3,628 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	102,271.22	1,955.56
23 52 23 00-0140	EA	3,378 MBH Steam, 3,894 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	109,917.37	1,955.56
23 52 23 00-0141	EA	3,604 MBH Steam, 4,162 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	114,794.35	2,064.20
23 52 23 00-0142	EA	3,834 MBH Steam, 4,430 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	118,509.32	2,064.20
23 52 23 00-0143	EA	4,059 MBH Steam, 4,700 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	126,303.19	2,172.84
23 52 23 00-0144	EA	4,285 MBH Steam, 4,970 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	130,785.09	2,172.84
23 52 23 00-0145	EA	4,510 MBH Steam, 5,241 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	138,785.66	2,281.48
23 52 23 00-0146	EA	4,781 MBH Steam, 5,568 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	143,513.68	2,281.48
23 52 23 00-0147	EA	4,961 MBH Steam, 5,787 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	149,210.68	2,390.12
23 52 23 00-0148	EA	5,232 MBH Steam, 6,117 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	153,639.55	2,390.12
23 52 23 00-0149	EA	5,413 MBH Steam, 6,338 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	158,648.43	2,498.77

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0150		**Oil Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0151	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	68,216.56	8,914.06
23 52 23 00-0152	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	74,349.86	9,423.42
23 52 23 00-0153	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	81,824.55	9,932.80
23 52 23 00-0154	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	86,811.00	10,442.18
23 52 23 00-0155	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	92,005.20	10,951.55
23 52 23 00-0156	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	98,609.70	11,460.93
23 52 23 00-0157	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	104,068.07	11,970.30
23 52 23 00-0158	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	109,105.40	12,479.67
23 52 23 00-0159	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	118,313.45	12,989.05
23 52 23 00-0160	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	123,346.51	13,498.42
23 52 23 00-0161	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	128,378.24	14,007.79
23 52 23 00-0162	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	137,760.52	14,517.17
23 52 23 00-0163	EA	4,285 MBH Steam, 4970 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	142,834.63	15,026.54
23 52 23 00-0164	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	151,185.26	15,535.92
23 52 23 00-0165	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	156,529.04	16,045.30
23 52 23 00-0166	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	162,266.99	16,554.66
23 52 23 00-0167	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	167,286.41	17,064.04
23 52 23 00-0168	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	172,460.26	17,573.42
23 52 23 00-0169		**Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*		
23 52 23 00-0170	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	61,631.03	1,412.35
23 52 23 00-0171	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	67,609.48	1,520.99
23 52 23 00-0172	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	74,925.99	1,629.63
23 52 23 00-0173	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	79,758.10	1,738.27
23 52 23 00-0174	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	84,359.67	1,738.27
23 52 23 00-0175	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	89,181.05	1,846.91
23 52 23 00-0176	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	94,047.77	1,846.91
23 52 23 00-0177	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	98,926.11	1,955.56
23 52 23 00-0178	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	107,545.88	1,955.56
23 52 23 00-0179	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	112,421.50	2,064.20
23 52 23 00-0180	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	116,863.97	2,064.20
23 52 23 00-0181	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	126,092.42	2,172.84
23 52 23 00-0182	EA	4,285 MBH Steam, 4,970 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	130,574.32	2,172.84
23 52 23 00-0183	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	138,766.62	2,281.48
23 52 23 00-0184	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	143,520.48	2,281.48
23 52 23 00-0185	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	149,100.54	2,390.12
23 52 23 00-0186	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	153,529.40	2,390.12
23 52 23 00-0187	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	158,546.44	2,498.77
23 52 23 00-0188		**Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0189	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	73,549.69	8,914.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0190	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	79,684.35	9,423.42
23 52 23 00-0191	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	85,627.91	9,932.80
23 52 23 00-0192	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	91,242.59	10,442.18
23 52 23 00-0193	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	96,740.02	10,951.55
23 52 23 00-0194	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	102,626.55	11,460.93
23 52 23 00-0195	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	109,315.54	11,970.30
23 52 23 00-0196	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	114,684.66	12,479.67
23 52 23 00-0197	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	123,135.30	12,989.05
23 52 23 00-0198	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	128,167.00	13,498.42
23 52 23 00-0199	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	132,569.14	14,007.79
23 52 23 00-0200	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	140,609.30	14,517.17
23 52 23 00-0201	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	147,043.21	15,026.54
23 52 23 00-0202	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	155,903.77	15,535.92
23 52 23 00-0203	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	161,208.11	16,045.30
23 52 23 00-0204	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	167,315.93	16,554.66
23 52 23 00-0205	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	172,336.71	17,064.04
23 52 23 00-0206	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	177,506.48	17,573.42
23 52 23 00-0207		Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)*		
23 52 23 00-0208	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	67,283.71	1,412.35
23 52 23 00-0209	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	73,263.53	1,520.99
23 52 23 00-0210	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	79,052.98	1,629.63
23 52 23 00-0211	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	84,510.60	1,738.27
23 52 23 00-0212	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	89,415.40	1,738.27
23 52 23 00-0213	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	93,517.45	1,846.91
23 52 23 00-0214	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	99,614.80	1,846.91
23 52 23 00-0215	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	104,826.28	1,955.56
23 52 23 00-0216	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	112,688.65	1,955.56
23 52 23 00-0217	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	117,562.90	2,064.20
23 52 23 00-0218	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	121,374.42	2,064.20
23 52 23 00-0219	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	129,260.76	2,172.84
23 52 23 00-0220	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	135,103.82	2,172.84
23 52 23 00-0221	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	143,806.04	2,281.48
23 52 23 00-0222	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	148,520.47	2,281.48
23 52 23 00-0223	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	154,469.03	2,390.12
23 52 23 00-0224	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	158,899.26	2,390.12
23 52 23 00-0225	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	163,913.57	2,498.77
23 52 33		**Water-Tube Boilers** *(23 52)*		
23 52 33 13		**Finned Water-Tube Boilers** *(23 52 33)*		
23 52 33 13-0001		Laars Pennant 85% Efficient Water, Gas Fired, Copper Fin Tube LoNox Boiler *(23 52 33 13)* Note: Rated by gross rated output.		
23 52 33 13-0002	EA	200 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	9,093.89	593.62
23 52 33 13-0003	EA	300 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	10,006.08	659.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 13-0004	EA	400 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	11,486.69	791.50
23 52 33 13-0005	EA	500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	14,716.84	824.48
23 52 33 13-0006	EA	750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	17,284.05	989.37
23 52 33 13-0007	EA	1,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	21,245.27	1,187.25
23 52 33 13-0008	EA	1,250 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	24,157.22	1,253.21
23 52 33 13-0009	EA	1,500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	26,767.51	1,352.15
23 52 33 13-0010	EA	1,750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	29,201.84	1,418.11
23 52 33 13-0011	EA	2,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	31,352.78	1,451.09
23 52 33 13-0012		Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler *(23 52 33 13)*		
		Note: Rated by gross rated output.		
23 52 33 13-0013	EA	1,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	31,956.42	1,187.25
23 52 33 13-0014	EA	1,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	39,944.48	1,352.15
23 52 33 13-0015	EA	2,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	42,561.39	1,451.09
23 52 33 13-0016	EA	2,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	60,319.34	1,648.96
23 52 33 13-0017	EA	3,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	63,239.35	1,846.84
23 52 33 13-0018		Lochinvar Copper-Fin II Finned Tube Boiler *(23 52 33 13)*		
		Note: Rated by gross rated output.		
23 52 33 13-0019	EA	340 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0402)	13,300.01	532.66
		For High And Low Gas Pressure Switch With Manual Reset, Add	*499.07*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*442.11*	
23 52 33 13-0020	EA	425 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0502)	15,959.14	665.58
		For High And Low Gas Pressure Switch With Manual Reset, Add	*499.07*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*442.11*	
23 52 33 13-0021	EA	552.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0652)	17,102.06	799.50
		For High And Low Gas Pressure Switch With Manual Reset, Add	*499.07*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*442.11*	
23 52 33 13-0022	EA	637.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0752)	17,578.08	799.50
		For High And Low Gas Pressure Switch With Manual Reset, Add	*499.07*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*442.11*	
23 52 33 13-0023	EA	841.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0992)	21,802.74	999.37
		For High And Low Gas Pressure Switch With Manual Reset, Add	*499.07*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*442.11*	
23 52 33 13-0024	EA	1,071 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1262)	25,296.22	999.37
		For High And Low Gas Pressure Switch With Manual Reset, Add	*499.07*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*442.11*	
23 52 33 13-0025	EA	1,224 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1442)	27,607.13	999.37
		For High And Low Gas Pressure Switch With Manual Reset, Add	*499.07*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*442.11*	
23 52 33 13-0026	EA	1,530 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1802)	29,722.96	1,199.25
		For High And Low Gas Pressure Switch With Manual Reset, Add	*499.07*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*442.11*	
23 52 33 13-0027	EA	1,759.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN2072)	35,160.03	1,399.12
		For High And Low Gas Pressure Switch With Manual Reset, Add	*499.07*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*442.11*	
23 52 33 13-0028		Raypak Cupro-Nickel Finned-Tube Boiler With Pump *(23 52 33 13)*		
		Note: Rated by gross rated output.		
23 52 33 13-0029	EA	385 MBH Water, Gas Fired, On/Off, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H4-399B)	12,756.17	732.13
23 52 33 13-0030	EA	420 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-499B)	13,730.71	659.59
23 52 33 13-0031	EA	546 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-649B)	15,289.56	791.50
23 52 33 13-0032	EA	630 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-749B)	16,222.99	898.53
23 52 33 13-0033	EA	756 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-899B)	18,020.75	989.37
23 52 33 13-0034	EA	832 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-989B)	19,385.70	1,064.93
23 52 33 13-0035	EA	1,058 MBH Water, Gas Fired, Three Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H8-1259B)	22,156.69	1,187.25
23 52 33 13-0036	EA	1,285 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1529B)	25,798.35	1,253.21
23 52 33 13-0037	EA	1,512 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1799B)	27,363.92	1,352.15
23 52 33 13-0038	EA	1,679 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1999B)	32,808.40	1,385.13
23 52 33 13-0039	EA	1,739 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2069B)	32,908.34	1,418.11
23 52 33 13-0040	EA	1,966 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2339B)	38,593.22	1,451.09
23 52 33 16		**Steel Water-Tube Boilers** *(23 52 33)*		
23 52 33 16-0001		Unilux 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler *(23 52 33 16)*		
		Note: Compliant with SCAQMD.		
23 52 33 16-0002	EA	1,250 MBH Input/1,062 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF100)	83,756.09	1,598.99
23 52 33 16-0003	EA	1,750 MBH Input/1.488 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF150)	90,008.09	1,998.75
23 52 33 16-0004	EA	2,200 MBH Input/1,870 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF200)	188,531.86	2,198.61
23 52 33 16-0005	EA	2,750 MBH Input/2,338 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF250)	195,594.60	2,398.49
23 52 33 16-0006	EA	3,000 MBH Input/2,550 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF300)	198,920.48	2,698.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0007	EA	3,750 MBH Input/3,188 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ350)	209,513.55	2,998.11
23 52 33 16-0008	EA	4,300 MBH Input/3,655 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ400)	214,256.47	3,098.05

23 52 33 16-0009 Unilux 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler *(23 52 33 16)*

Note: Compliant with SCAQMD.

23 52 33 16-0010	EA	1,250 MBH, 31 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF100LSG)	97,785.00	1,798.87
23 52 33 16-0011	EA	1,750 MBH, 43.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF150LSG)	102,624.52	2,098.67
23 52 33 16-0012	EA	2,200 MBH, 54.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF200LSG)	202,360.88	2,298.55
23 52 33 16-0013	EA	2,750 MBH, 68 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF250LSG)	214,874.03	2,498.43
23 52 33 16-0014	EA	3,000 MBH, 74 HP,83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF300LSG)	219,210.52	2,698.30
23 52 33 16-0015	EA	3,750 MBH, 93 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF350LSG)	227,683.64	2,998.11
23 52 33 16-0016	EA	4,300 MBH, 106.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF400LSG)	235,359.05	3,197.99
23 52 33 16-0017	EA	5,400 MBH, 134 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF500LSG)	231,813.58	3,397.86
23 52 33 16-0018	EA	6,250 MBH, 155 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF600LSG)	250,989.72	3,597.74
23 52 33 16-0019	EA	7,235 MBH, 179 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF700LSG)	264,109.17	3,797.61
23 52 33 16-0020	EA	8,270 MBH, 205 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux ZF800LSG)	270,868.77	3,997.48

23 52 33 16-0021 Unilux 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler *(23 52 33 16)*

Note: Compliant with SCAQMD.

23 52 33 16-0022	EA	1,250 MBH, 31 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100HS)	105,355.34	1,798.87
23 52 33 16-0023	EA	1,750 MBH, 43.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150HS)	111,710.62	2,098.67
23 52 33 16-0024	EA	2,200 MBH, 54.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200HS)	212,657.47	2,298.55
23 52 33 16-0025	EA	2,750 MBH, 68 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250HS)	225,473.78	2,498.43
23 52 33 16-0026	EA	3,000 MBH, 74 HP,81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300HS)	229,810.27	2,698.30
23 52 33 16-0027	EA	3,750 MBH, 93 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350HS)	236,769.75	2,998.11
23 52 33 16-0028	EA	4,300 MBH, 106.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400HS)	244,741.95	3,197.99
23 52 33 16-0029	EA	5,400 MBH, 134 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500HS)	240,596.54	3,397.86
23 52 33 16-0030	EA	6,250 MBH, 155 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600HS)	261,288.44	3,597.74
23 52 33 16-0031	EA	7,235 MBH, 179 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700HS)	269,561.68	3,797.61
23 52 33 16-0032	EA	8,270 MBH, 205 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800HS)	281,167.49	3,997.48
23 52 33 16-0033	EA	9,300 MBH, 230 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 900HS)	312,760.18	4,197.36
23 52 33 16-0034	EA	10,330 MBH, 256 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1000HS)	452,923.98	4,397.24
23 52 33 16-0035	EA	12,400 MBH, 307 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1200HS)	475,886.37	4,597.10

23 52 36 Fire-Box Boiler *(23 52)*

23 52 36 00-0001 Package Oil Fired Firebox Boilers *(23 52 36)*

Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Normally required (Boiler HP) boiler sizes are based on HP rating and gross output.

23 52 36 00-0002	EA	40 HP, 1,339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	79,220.54	2,607.41
23 52 36 00-0003	EA	46 HP, 1,553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	82,822.70	2,824.69
23 52 36 00-0004	EA	53 HP, 1,784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	86,712.77	3,041.98
23 52 36 00-0005	EA	61 HP, 2,062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	93,770.41	3,259.27
23 52 36 00-0006	EA	69 HP, 2,313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	97,948.41	3,476.55
23 52 36 00-0007	EA	80 HP, 2,678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	102,054.57	3,693.84
23 52 36 00-0008	EA	100 HP, 3,348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	113,517.95	3,911.12
23 52 36 00-0009	EA	127 HP, 4,251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	131,362.33	4,345.69
23 52 36 00-0010	EA	151 HP, 5,055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	149,509.14	4,780.26
23 52 36 00-0011	EA	183 HP, 6,126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	164,020.91	5,269.15
23 52 36 00-0012	EA	220 HP, 7,388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	178,532.83	5,758.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 36 00-0013	EA	257 HP, 8,606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	187,687.55	6,735.81
23 52 36 00-0014	EA	294 HP, 9,842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	228,733.62	7,713.59
23 52 36 00-0015	EA	368 HP, 12,302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	270,787.55	8,691.37
23 52 36 00-0016	EA	441 HP, 14,766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	313,274.79	9,777.80
23 52 36 00-0017	EA	514 HP, 17,220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	354,786.81	10,592.61

23 52 39 Fire-Tube Boilers *(23 52)*

23 52 39 13 Scotch Marine Boilers *(23 52 39)*

23 52 39 13-0001 15 PSI Steam Scotch Marine Boilers *(23 52 39 13)*

Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.

23 52 39 13-0002 15 PSI Gas Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*

23 52 39 13-0003	EA	30 HP, 1,033 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	63,137.17	1,195.06
23 52 39 13-0004	EA	40 HP, 1,339 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	67,961.40	1,303.70
23 52 39 13-0005	EA	50 HP, 1,674 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	73,814.91	1,412.35
23 52 39 13-0006	EA	60 HP, 2,009 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	77,126.32	1,629.63
23 52 39 13-0007	EA	70 HP, 2,343 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	80,816.07	1,738.27
23 52 39 13-0008	EA	80 HP, 2,678 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	84,598.63	1,846.91
23 52 39 13-0009	EA	90 HP, 3,013 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	87,209.80	1,901.23
23 52 39 13-0010	EA	100 HP, 3,348 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	92,062.05	1,955.56
23 52 39 13-0011	EA	125 HP, 4,184 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	104,090.56	2,172.84
23 52 39 13-0012	EA	150 HP, 5,021 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	118,280.85	2,390.12
23 52 39 13-0013	EA	175 HP, 5,858 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	129,737.45	2,634.57
23 52 39 13-0014	EA	200 HP, 6,695 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	141,191.83	2,879.01
23 52 39 13-0015	EA	250 HP, 8,369 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	148,927.30	3,367.91
23 52 39 13-0016	EA	300 HP, 10,043 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	181,120.33	3,856.80
23 52 39 13-0017	EA	350 HP, 11,716 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	196,077.39	4,345.69
23 52 39 13-0018	EA	400 HP, 13,390 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	230,864.89	4,834.58
23 52 39 13-0019	EA	500 HP, 16,738 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	280,397.04	5,323.47
23 52 39 13-0020	EA	600 HP, 20,085 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	328,028.54	5,812.36
23 52 39 13-0021	EA	700 HP, 23,433 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	373,629.22	6,301.24
23 52 39 13-0022	EA	800 HP, 26,780 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	417,401.04	6,790.13
23 52 39 13-0023	EA	900 HP, 30,128 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	649,869.25	7,279.02
23 52 39 13-0024	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	707,083.88	7,767.91

23 52 39 13-0025 15 PSI Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*

23 52 39 13-0026	EA	30 HP, 1,033 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	58,517.57	1,195.06
23 52 39 13-0027	EA	40 HP, 1,339 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	62,994.09	1,303.70
23 52 39 13-0028	EA	50 HP, 1,674 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	68,415.66	1,412.35
23 52 39 13-0029	EA	60 HP, 2,009 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	74,543.32	1,629.63
23 52 39 13-0030	EA	70 HP, 2,343 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	77,769.45	1,738.27
23 52 39 13-0031	EA	80 HP, 2,678 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	80,990.50	1,846.91
23 52 39 13-0032	EA	90 HP, 3,013 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	84,001.93	1,901.23
23 52 39 13-0033	EA	100 HP, 3,348 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	90,008.89	1,955.56
23 52 39 13-0034	EA	125 HP, 4,184 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	104,188.46	2,172.84
23 52 39 13-0035	EA	150 HP, 5,021 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	118,387.39	2,390.12

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0036	EA	175 HP, 5,858 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	129,855.52	2,634.57
23 52 39 13-0037	EA	200 HP, 6,695 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	141,321.41	2,879.01
23 52 39 13-0038	EA	250 HP, 8,369 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	149,062.64	3,367.91
23 52 39 13-0039	EA	300 HP, 10,043 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	181,287.35	3,856.80
23 52 39 13-0040	EA	350 HP, 11,716 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	196,255.93	4,345.69
23 52 39 13-0041	EA	400 HP, 13,390 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	231,077.98	4,834.58
23 52 39 13-0042	EA	500 HP, 16,738 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	280,656.21	5,323.47
23 52 39 13-0043	EA	600 HP, 20,085 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	328,333.78	5,812.36
23 52 39 13-0044	EA	700 HP, 23,433 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	373,977.65	6,301.24
23 52 39 13-0045	EA	800 HP, 26,780 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	417,792.67	6,790.13
23 52 39 13-0046	EA	900 HP, 30,128 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	650,488.31	7,279.02
23 52 39 13-0047	EA	1,000 HP, 33,476 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	707,761.11	7,767.91
23 52 39 13-0048		15 PSI Gas/Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*		
23 52 39 13-0049	EA	30 HP, 1,033 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	65,159.08	1,195.06
23 52 39 13-0050	EA	40 HP, 1,339 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	70,135.50	1,303.70
23 52 39 13-0051	EA	50 HP, 1,674 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	76,173.30	1,412.35
23 52 39 13-0052	EA	60 HP, 2,009 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	80,057.75	1,629.63
23 52 39 13-0053	EA	70 HP, 2,343 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	83,511.38	1,738.27
23 52 39 13-0054	EA	80 HP, 2,678 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	86,959.91	1,846.91
23 52 39 13-0055	EA	90 HP, 3,013 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	90,195.95	1,901.23
23 52 39 13-0056	EA	100 HP, 3,348 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	93,432.74	1,955.56
23 52 39 13-0057	EA	125 HP, 4,184 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	108,168.07	2,172.84
23 52 39 13-0058	EA	150 HP, 5,021 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	122,922.76	2,390.12
23 52 39 13-0059	EA	175 HP, 5,858 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	134,828.58	2,634.57
23 52 39 13-0060	EA	200 HP, 6,695 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	146,729.30	2,879.01
23 52 39 13-0061	EA	250 HP, 8,369 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	154,712.42	3,367.91
23 52 39 13-0062	EA	300 HP, 10,043 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	188,198.39	3,856.80
23 52 39 13-0063	EA	350 HP, 11,716 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	203,708.33	4,345.69
23 52 39 13-0064	EA	400 HP, 13,390 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	239,901.07	4,834.58
23 52 39 13-0065	EA	500 HP, 16,738 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	291,463.35	5,323.47
23 52 39 13-0066	EA	600 HP, 20,085 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	341,044.33	5,812.36
23 52 39 13-0067	EA	700 HP, 23,433 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	388,510.99	6,301.24
23 52 39 13-0068	EA	800 HP, 26,780 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	434,068.17	6,790.13
23 52 39 13-0069	EA	900 HP, 30,128 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	676,381.03	7,279.02
23 52 39 13-0070	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	735,955.59	7,767.91
23 52 39 13-0071		125 PSI Water Scotch Marine Boilers *(23 52 39 13)* Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.		
23 52 39 13-0072		125 PSI Gas Fired Water Scotch Marine Boilers *(23 52 39 13-0071)*		
23 52 39 13-0073	EA	40 HP, 1,339 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	74,742.86	1,303.70
23 52 39 13-0074	EA	50 HP, 1,674 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	83,876.23	1,412.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0075	EA	60 HP, 2,009 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	90,110.44	1,629.63
23 52 39 13-0076	EA	70 HP, 2,343 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	96,864.08	1,738.27
23 52 39 13-0077	EA	80 HP, 2,678 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	103,759.49	1,846.91
23 52 39 13-0078	EA	90 HP, 3,013 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	109,244.50	1,901.23
23 52 39 13-0079	EA	100 HP, 3,348 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	117,621.38	1,955.56
23 52 39 13-0080	EA	125 HP, 4,184 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	126,191.49	2,172.84
23 52 39 13-0081	EA	150 HP, 5,021 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	137,571.29	2,390.12
23 52 39 13-0082	EA	175 HP, 5,858 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	146,341.23	2,634.57
23 52 39 13-0083	EA	200 HP, 6,695 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	151,518.07	2,879.01
23 52 39 13-0084	EA	250 HP, 8,369 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	183,419.15	3,367.91
23 52 39 13-0085	EA	300 HP, 10,043 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	213,556.15	3,856.80
23 52 39 13-0086	EA	350 HP, 11,716 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	230,183.37	4,345.69
23 52 39 13-0087	EA	400 HP, 13,390 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	256,824.48	4,834.58
23 52 39 13-0088	EA	500 HP, 16,738 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	311,197.24	5,323.47
23 52 39 13-0089	EA	600 HP, 20,085 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	364,251.03	5,812.36
23 52 39 13-0090	EA	700 HP, 23,433 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	415,043.63	6,301.24
23 52 39 13-0091	EA	800 HP, 26,780 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	463,785.64	6,790.13
23 52 39 13-0092	EA	900 HP, 30,128 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	723,654.34	7,279.02
23 52 39 13-0093	EA	1,000 HP, 33,476 125 PSI MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	787,433.56	7,767.91
23 52 39 13-0094		125 PSI Oil Fired Water Scotch Marine Boilers *(23 52 39 13-0071)*		
23 52 39 13-0095	EA	40 HP, 1,339 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	69,237.07	1,303.70
23 52 39 13-0096	EA	50 HP, 1,674 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	77,679.33	1,412.35
23 52 39 13-0097	EA	60 HP, 2,009 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	87,049.42	1,629.63
23 52 39 13-0098	EA	70 HP, 2,343 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	93,158.04	1,738.27
23 52 39 13-0099	EA	80 HP, 2,678 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	99,258.68	1,846.91
23 52 39 13-0100	EA	90 HP, 3,013 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	105,146.83	1,901.23
23 52 39 13-0101	EA	100 HP, 3,348 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	114,943.35	1,955.56
23 52 39 13-0102	EA	125 HP, 4,184 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	126,309.55	2,172.84
23 52 39 13-0103	EA	150 HP, 5,021 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	137,697.99	2,390.12
23 52 39 13-0104	EA	175 HP, 5,858 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	146,476.57	2,634.57
23 52 39 13-0105	EA	200 HP, 6,695 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	151,659.17	2,879.01
23 52 39 13-0106	EA	250 HP, 8,369 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	183,589.05	3,367.91
23 52 39 13-0107	EA	300 HP, 10,043 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	213,754.84	3,856.80
23 52 39 13-0108	EA	350 HP, 11,716 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	230,396.46	4,345.69
23 52 39 13-0109	EA	400 HP, 13,390 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	257,063.49	4,834.58
23 52 39 13-0110	EA	500 HP, 16,738 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	311,488.08	5,323.47
23 52 39 13-0111	EA	600 HP, 20,085 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	364,593.70	5,812.36
23 52 39 13-0112	EA	700 HP, 23,433 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	415,435.25	6,301.24
23 52 39 13-0113	EA	800 HP, 26,780 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	464,223.34	6,790.13
23 52 39 13-0114	EA	900 HP, 30,128 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	724,348.19	7,279.02
23 52 39 13-0115	EA	1,000 HP, 33,476 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	788,189.73	7,767.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0116		125 PSI Gas/Oil Fired Water Scotch Marine Boilers *(23 52 39 13-0071)*		
23 52 39 13-0117	EA	40 HP, 1,339 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	77,150.21	1,303.70
23 52 39 13-0118	EA	50 HP, 1,674 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	86,583.06	1,412.35
23 52 39 13-0119	EA	60 HP, 2,009 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	93,580.36	1,629.63
23 52 39 13-0120	EA	70 HP, 2,343 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	100,146.82	1,738.27
23 52 39 13-0121	EA	80 HP, 2,678 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	106,708.20	1,846.91
23 52 39 13-0122	EA	90 HP, 3,013 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	113,057.09	1,901.23
23 52 39 13-0123	EA	100 HP, 3,348 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	119,406.73	1,955.56
23 52 39 13-0124	EA	125 HP, 4,184 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	131,210.63	2,172.84
23 52 39 13-0125	EA	150 HP, 5,021 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	143,036.77	2,390.12
23 52 39 13-0126	EA	175 HP, 5,858 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	152,140.74	2,634.57
23 52 39 13-0127	EA	200 HP, 6,695 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	157,499.00	2,879.01
23 52 39 13-0128	EA	250 HP, 8,369 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	190,678.62	3,367.91
23 52 39 13-0129	EA	300 HP, 10,043 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	222,019.29	3,856.80
23 52 39 13-0130	EA	350 HP, 11,716 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	239,271.39	4,345.69
23 52 39 13-0131	EA	400 HP, 13,390 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	266,969.31	4,834.58
23 52 39 13-0132	EA	500 HP, 16,738 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	323,582.40	5,323.47
23 52 39 13-0133	EA	600 HP, 20,085 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	378,816.04	5,812.36
23 52 39 13-0134	EA	700 HP, 23,433 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	431,696.35	6,301.24
23 52 39 13-0135	EA	800 HP, 26,780 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	482,433.93	6,790.13
23 52 39 13-0136	EA	900 HP, 30,128 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	753,319.61	7,279.02
23 52 39 13-0137	EA	1,000 HP, 33,476 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	819,732.97	7,767.91
23 52 39 13-0138		150 PSI Steam Scotch Marine Boilers *(23 52 39 13)* Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.		
23 52 39 13-0139		150 PSI Gas Fired Steam Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0140	EA	40 HP, 1,339 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	86,785.35	1,303.70
23 52 39 13-0141	EA	50 HP, 1,674 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	94,262.95	1,412.35
23 52 39 13-0142	EA	60 HP, 2,009 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	98,308.66	1,629.63
23 52 39 13-0143	EA	70 HP, 2,343 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	102,974.59	1,738.27
23 52 39 13-0144	EA	80 HP, 2,678 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	107,762.14	1,846.91
23 52 39 13-0145	EA	90 HP, 3,013 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	111,093.20	1,901.23
23 52 39 13-0146	EA	100 HP, 3,348 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	117,336.30	1,955.56
23 52 39 13-0147	EA	125 HP, 4,184 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	132,713.78	2,172.84
23 52 39 13-0148	EA	150 HP, 5,021 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	150,895.20	2,390.12
23 52 39 13-0149	EA	175 HP, 5,858 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	165,496.32	2,634.57
23 52 39 13-0150	EA	200 HP, 6,695 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	180,095.22	2,879.01
23 52 39 13-0151	EA	250 HP, 8,369 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	189,564.22	3,367.91
23 52 39 13-0152	EA	300 HP, 10,043 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	230,830.87	3,856.80
23 52 39 13-0153	EA	350 HP, 11,716 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	249,665.68	4,345.69
23 52 39 13-0154	EA	400 HP, 13,390 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	294,328.39	4,834.58
23 52 39 13-0155	EA	500 HP, 16,738 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	358,137.60	5,323.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0156	EA	600 HP, 20,085 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	419,452.96	5,812.36
23 52 39 13-0157	EA	700 HP, 23,433 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	478,158.70	6,301.24
23 52 39 13-0158	EA	800 HP, 26,780 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	534,474.06	6,790.13
23 52 39 13-0159	EA	900 HP, 30,128 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	836,099.85	7,279.02
23 52 39 13-0160	EA	1,000 HP, 33,476 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	909,867.21	7,767.91
23 52 39 13-0161		150 PSI Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0162	EA	40 HP, 1,339 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	80,326.41	1,303.70
23 52 39 13-0163	EA	50 HP, 1,674 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	87,245.37	1,412.35
23 52 39 13-0164	EA	60 HP, 2,009 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	94,948.17	1,629.63
23 52 39 13-0165	EA	70 HP, 2,343 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	99,015.14	1,738.27
23 52 39 13-0166	EA	80 HP, 2,678 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	103,074.15	1,846.91
23 52 39 13-0167	EA	90 HP, 3,013 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	106,920.66	1,901.23
23 52 39 13-0168	EA	100 HP, 3,348 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	114,664.03	1,955.56
23 52 39 13-0169	EA	125 HP, 4,184 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	132,837.60	2,172.84
23 52 39 13-0170	EA	150 HP, 5,021 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	151,036.30	2,390.12
23 52 39 13-0171	EA	175 HP, 5,858 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	165,651.82	2,634.57
23 52 39 13-0172	EA	200 HP, 6,695 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	180,265.12	2,879.01
23 52 39 13-0173	EA	250 HP, 8,369 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	189,739.87	3,367.91
23 52 39 13-0174	EA	300 HP, 10,043 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	231,046.84	3,856.80
23 52 39 13-0175	EA	350 HP, 11,716 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	249,898.93	4,345.69
23 52 39 13-0176	EA	400 HP, 13,390 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	294,604.83	4,834.58
23 52 39 13-0177	EA	500 HP, 16,738 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	358,474.52	5,323.47
23 52 39 13-0178	EA	600 HP, 20,085 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	419,850.34	5,812.36
23 52 39 13-0179	EA	700 HP, 23,433 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	478,610.80	6,301.24
23 52 39 13-0180	EA	800 HP, 26,780 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	534,980.87	6,790.13
23 52 39 13-0181	EA	900 HP, 30,128 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	836,905.88	7,279.02
23 52 39 13-0182	EA	1,000 HP, 33,476 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	910,748.02	7,767.91
23 52 39 13-0183		150 PSI Gas/Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0184	EA	40 HP, 1,339 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	89,610.24	1,303.70
23 52 39 13-0185	EA	50 HP, 1,674 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	97,329.73	1,412.35
23 52 39 13-0186	EA	60 HP, 2,009 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	102,118.37	1,629.63
23 52 39 13-0187	EA	70 HP, 2,343 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	106,479.07	1,738.27
23 52 39 13-0188	EA	80 HP, 2,678 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	110,831.79	1,846.91
23 52 39 13-0189	EA	90 HP, 3,013 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	114,974.91	1,901.23
23 52 39 13-0190	EA	100 HP, 3,348 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	119,115.89	1,955.56
23 52 39 13-0191	EA	125 HP, 4,184 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	138,012.25	2,172.84
23 52 39 13-0192	EA	150 HP, 5,021 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	156,930.84	2,390.12
23 52 39 13-0193	EA	175 HP, 5,858 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	172,113.65	2,634.57
23 52 39 13-0194	EA	200 HP, 6,695 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	187,297.10	2,879.01
23 52 39 13-0195	EA	250 HP, 8,369 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	197,085.73	3,367.91
23 52 39 13-0196	EA	300 HP, 10,043 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	240,031.19	3,856.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0197	EA	350 HP, 11,716 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	259,585.91	4,345.69
23 52 39 13-0198	EA	400 HP, 13,390 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	306,074.28	4,834.58
23 52 39 13-0199	EA	500 HP, 16,738 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	372,526.97	5,323.47
23 52 39 13-0200	EA	600 HP, 20,085 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	436,373.49	5,812.36
23 52 39 13-0201	EA	700 HP, 23,433 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	497,503.85	6,301.24
23 52 39 13-0202	EA	800 HP, 26,780 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	556,140.17	6,790.13
23 52 39 13-0203	EA	900 HP, 30,128 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	870,563.91	7,279.02
23 52 39 13-0204	EA	1,000 HP, 33,476 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	947,397.51	7,767.91

23 53 Heating Boiler Feedwater Equipment *(23 50)*

23 53 13 Boiler Feedwater Pumps *(23 53)*

See CSI section 23 53 16 00-0001 for boiler feedwater units.

23 53 16 Deaerators *(23 53)*

23 53 16 00-0001 Boiler Feed System *(23 53 16)*

23 53 16 00-0002 Low Pressure Boiler Feed System *(23 53 16 00-0001)*

Note: With deaerator includes pumps and accessories.

23 53 16 00-0003	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	6,518.54	1,248.86
23 53 16 00-0004	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	7,035.92	1,471.29
23 53 16 00-0005	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	7,558.64	1,522.83
23 53 16 00-0006	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	7,799.98	1,578.70
23 53 16 00-0007	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	8,253.59	1,687.21
23 53 16 00-0008	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	13,214.23	1,828.26
23 53 16 00-0009	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	14,910.90	1,953.04
23 53 16 00-0010	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	17,094.01	2,224.29
23 53 16 00-0011	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	18,811.83	2,387.04
23 53 16 00-0012	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	20,268.12	2,549.80

23 53 16 00-0013 High Pressure Boiler Feed System *(23 53 16 00-0001)*

Note: With deaerator includes pumps and accessories.

23 53 16 00-0014	EA	10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	9,055.88	1,064.73
23 53 16 00-0015	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	9,433.57	1,248.86
23 53 16 00-0016	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	10,496.54	1,471.29
23 53 16 00-0017	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	11,345.25	1,522.83
23 53 16 00-0018	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	11,542.95	1,578.70
23 53 16 00-0019	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	13,936.12	1,687.21
23 53 16 00-0020	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	18,140.45	1,828.26
23 53 16 00-0021	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	18,607.11	1,953.04
23 53 16 00-0022	EA	183 HP, 1,800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	20,470.22	2,091.49
23 53 16 00-0023	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	22,028.61	2,224.29
23 53 16 00-0024	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	23,565.18	2,387.04
23 53 16 00-0025	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	25,422.99	2,549.80

23 53 16 00-0026 Boiler Feedwater System *(23 53 16)*

Note: With deaerator includes pumps and accessories.

23 53 16 00-0027	EA	1,380 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	11,312.58	1,471.29
23 53 16 00-0028	EA	2,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	14,755.76	1,685.58
23 53 16 00-0029	EA	4,300 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	19,484.78	1,929.17
23 53 16 00-0030	EA	6,900 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	23,443.19	2,225.38
23 53 16 00-0031	EA	8,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	24,879.56	2,387.04
23 53 16 00-0032	EA	11,000 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	26,245.42	2,549.80
23 53 16 00-0033	EA	13,800 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	29,215.76	2,929.67
23 53 16 00-0034	EA	17,250 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	37,800.61	3,363.78
23 53 16 00-0035	EA	20,700 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	49,095.07	3,886.77
23 53 16 00-0036	EA	27,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	62,171.05	4,461.61
23 53 16 00-0037	EA	34,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	79,706.49	5,133.24

23 53 16 00-0038 Duplex Vacuum Condensate Pumps *(23 53 16)*

23 53 16 00-0039	EA	7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102.	31,602.03	868.02
23 53 16 00-0040	EA	9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5.	32,310.04	922.27
23 53 16 00-0041	EA	12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5.	33,127.04	976.52

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 53 16 00-0042	EA	18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252.	32,005.82	1,030.77
23 53 16 00-0043	EA	28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402.	43,481.05	1,085.02
23 53 16 00-0044	EA	42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502.	45,769.54	1,139.28

23 54 Furnaces *(23 50)*

Note: All units based on output. See CSI section 23 84 13 00-0000 for humidifiers.

23 54 13 Electric-Resistance Furnaces *(23 54)*

23 54 13 00-0001 Down Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*

23 54 13 00-0002	EA	Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,155.81	99.70
23 54 13 00-0003	EA	>2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,530.93	124.63
23 54 13 00-0004	EA	>3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,987.17	149.57

23 54 13 00-0005 Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*

23 54 13 00-0006	EA	Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,155.81	99.70
23 54 13 00-0007	EA	>2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,386.46	112.17
23 54 13 00-0008	EA	>2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,514.03	124.63
23 54 13 00-0009	EA	>3 to 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,580.79	137.10
23 54 13 00-0010	EA	>3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,987.17	149.57

23 54 13 00-0011 Heating Coil For Air Handler/Electric Furnace *(23 54 13)*

23 54 13 00-0012	EA	5 KW Heating Coil For Air Handler/Electric Furnace	214.08	30.29
23 54 13 00-0013	EA	7 KW Heating Coil For Air Handler/Electric Furnace	244.76	33.32
23 54 13 00-0014	EA	10 KW Heating Coil For Air Handler/Electric Furnace	265.33	36.35
23 54 13 00-0015	EA	15 KW Heating Coil For Air Handler/Electric Furnace	361.94	39.37
23 54 13 00-0016	EA	20 KW Heating Coil For Air Handler/Electric Furnace	390.94	42.40

23 54 16 Fuel-Fired Furnaces *(23 54)*

23 54 16 13 Gas-Fired Furnaces *(23 54 16)*

23 54 16 13-0001 Natural Gas Fired Forced Air Furnaces *(23 54 16 13)*

Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.

23 54 16 13-0002 Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace *(23 54 16 13-0001)*

23 54 16 13-0003	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,856.19	87.24
23 54 16 13-0004	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,973.62	99.70
23 54 16 13-0005	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,278.62	112.17
23 54 16 13-0006	EA	100 MBH. 1,600 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,660.51	137.10
23 54 16 13-0007	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,837.09	149.57

23 54 16 13-0008 Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*

23 54 16 13-0009	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,072.46	87.24
23 54 16 13-0010	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,267.63	99.70
23 54 16 13-0011	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,401.58	112.17
23 54 16 13-0012	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3.5 tons.	2,888.55	124.63
23 54 16 13-0013	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,831.17	137.10
23 54 16 13-0014	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,982.40	149.57

23 54 16 13-0015 Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0016	EA	45 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,818.93	87.24
23 54 16 13-0017	EA	70 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,088.46	99.70
23 54 16 13-0018	EA	90 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,255.74	124.63
23 54 16 13-0019	EA	90 MBH, 2,000 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,406.99	137.10
23 54 16 13-0020		Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0021	EA	40 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,403.64	87.24
23 54 16 13-0022	EA	60 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,527.85	99.70
23 54 16 13-0023	EA	80 MBH, 1,600 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,814.25	112.17
23 54 16 13-0024	EA	100 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	3,066.04	137.10
23 54 16 13-0025	EA	120 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,284.86	149.57
23 54 16 13-0026		Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0027	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,650.03	87.24
23 54 16 13-0028	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,735.38	99.70
23 54 16 13-0029	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,935.61	112.17
23 54 16 13-0030	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,952.51	112.17
23 54 16 13-0031	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,129.08	124.63
23 54 16 13-0032	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,241.46	137.10
23 54 16 13-0033	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,374.11	149.57
23 54 16 13-0034		Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0035	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,131.29	87.24
23 54 16 13-0036	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,235.22	99.70
23 54 16 13-0037	EA	60 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,413.49	112.17
23 54 16 13-0038	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,415.18	112.17
23 54 16 13-0039	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,552.90	124.63
23 54 16 13-0040	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,589.24	137.10
23 54 16 13-0041	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,767.51	149.57
23 54 16 13-0042		Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0043	EA	40 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,148.19	87.24
23 54 16 13-0044	EA	60 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,240.29	99.70
23 54 16 13-0045	EA	80 MBH, 1,600 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,489.53	112.17
23 54 16 13-0046	EA	100 MBH, 2,000 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,639.07	124.63
23 54 16 13-0047		75% AFUE Gas Wall/Recessed Furnace *(23 54 16 13-0001)*		
23 54 16 13-0048	EA	35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	1,990.43	74.78
23 54 16 13-0049	EA	55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	2,293.31	93.52
23 54 16 13-0050	EA	35 MBH 75% AFUE Gas Wall/Recessed Furnace	1,796.11	74.78
23 54 16 13-0051	EA	40 MBH 75% AFUE Gas Wall/Recessed Furnace	1,919.04	81.06
23 54 16 13-0052	EA	50 MBH 75% AFUE Gas Wall/Recessed Furnace	1,898.35	87.24
23 54 16 13-0053	EA	65 MBH 75% AFUE Gas Wall/Recessed Furnace	1,953.77	93.52
23 54 16 13-0054	EA	75 MBH 75% AFUE Gas Wall/Recessed Furnace	2,024.86	93.52
23 54 16 13-0055		Gas Fired Indoor Duct Furnace *(23 54 16 13-0001)* Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0056		Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace *(23 54 16 13-0055)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0057	EA	100 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,464.02	194.43
23 54 16 13-0058	EA	150 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,737.77	239.30
23 54 16 13-0059	EA	200 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,085.54	343.99
23 54 16 13-0060	EA	250 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,479.86	388.86
23 54 16 13-0061	EA	300 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,057.35	448.69
23 54 16 13-0062	EA	350 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,444.87	538.42
23 54 16 13-0063	EA	400 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,039.07	717.90
23 54 16 13-0064		Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace *(23 54 16 13-0055)*		
		Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0065	EA	100 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,766.93	194.43
23 54 16 13-0066	EA	150 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,036.16	239.30
23 54 16 13-0067	EA	200 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,495.45	343.99
23 54 16 13-0068	EA	250 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,963.62	388.86
23 54 16 13-0069	EA	300 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,892.25	448.69
23 54 16 13-0070	EA	350 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,350.60	538.42
23 54 16 13-0071	EA	400 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,895.07	717.90

23 54 16 16 Oil-Fired Furnaces *(23 54 16)*

23 54 16 16-0001		Oil Fired Forced Air Furnaces *(23 54 16 16)*		
		Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
23 54 16 16-0002		Up Flow Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*		
23 54 16 16-0003	EA	72 MBH, 1,220 CFM Up Flow Single Speed, One Stage 84% AFUE Oil Furnace	3,224.00	99.70
		Note: Blower cooling capacity up to 3 tons.		
23 54 16 16-0004	EA	95 MBH, 1,590 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace	3,410.73	137.10
		Note: Blower cooling capacity up to 4 tons.		
23 54 16 16-0005	EA	126 MBH, 1,835 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace	3,934.55	162.03
		Note: Blower cooling capacity up to 5 tons.		
23 54 16 16-0006		Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*		
23 54 16 16-0007	EA	95 MBH, 1,210 CFM Down/Horizontal Flow Single Speed, One Stage 83% AFUE Oil Furnace	3,725.02	137.10
		Note: Blower cooling capacity up to 3 tons.		
23 54 16 16-0008	EA	126 MBH, 2,005 CFM Down/Horizontal Flow Single Speed, One Stage 84% AFUE Oil Furnace	3,743.61	162.03
		Note: Blower cooling capacity up to 5 tons.		
23 54 16 16-0009		Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*		
23 54 16 16-0010	EA	95 MBH, 1,550 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace	3,211.35	137.10
		Note: Blower cooling capacity up to 4 tons.		
23 54 16 16-0011	EA	127 MBH, 2,130 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace	3,812.89	162.03
		Note: Blower cooling capacity up to 5 tons.		

23 54 19 Furnace Accessories *(23 54)*

23 54 19 00-0001	EA	LP Gas Furnace Conversion Kit	186.07	24.93
23 54 19 00-0002	EA	1" Furnace External Filter Rack	57.55	
23 54 19 00-0003	EA	Removal And Reinstallation Of Forced Air Furnace	461.61	
		Note: Includes storage and cleaning. Excludes ductwork.		

23 55 Fuel-Fired Heaters *(23 50)*

23 55 23 Gas-Fired Radiant Heaters *(23 55)*

23 55 23 13 Low-Intensity Gas-Fired Radiant Heaters *(23 55 23)*

23 55 23 13-0001		Infrared Heaters-Radiant Energy *(23 55 23 13)*		
		Note: For spot localized or total heating, ceiling hung units, no fan required.		
23 55 23 13-0002		Gas Fired Electric Ignition Infrared Gas Heater *(23 55 23 13-0001)*		
		Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector.		
23 55 23 13-0003	EA	15,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	905.05	108.50
23 55 23 13-0004	EA	37,500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,000.58	119.35
23 55 23 13-0005	EA	50,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,069.72	119.35
23 55 23 13-0006	EA	75,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,341.28	143.23
23 55 23 13-0007	EA	100,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,352.93	143.23
23 55 23 13-0008		Rolled Steel Or Aluminum Housing Infrared Electric Heater *(23 55 23 13-0001)*		
		Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element.		
23 55 23 13-0009	EA	1,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	992.19	109.68
		For Stainless Steel Housing, Add	*164.96*	
23 55 23 13-0010	EA	3,200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,063.24	109.68
		For Stainless Steel Housing, Add	*182.72*	
23 55 23 13-0011	EA	5,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,144.45	109.68
		For Stainless Steel Housing, Add	*203.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 55 23 13-0012	EA	7,300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,242.09	109.68
		For Stainless Steel Housing, Add	*227.43*	
23 55 23 13-0013	EA	10,950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,357.70	119.65
		For Stainless Steel Housing, Add	*253.42*	
23 55 23 13-0014	EA	13,500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,450.96	129.62
		For Stainless Steel Housing, Add	*272.92*	
23 55 23 13-0015	EA	24,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	2,348.63	139.60
		For Stainless Steel Housing, Add	*487.35*	
23 55 23 13-0016		Gas Fired Tubular Infrared Heater *(23 55 23 13-0001)*		
		Note: Per Tube Length. Includes controls and supports.		
23 55 23 13-0017		"U" Package *(23 55 23 13-0016)*		
23 55 23 13-0018	LF	Up To 75 MBH Input Radiant Heater	90.73	5.42
23 55 23 13-0019	LF	76 To 105 MBH Input Radiant Heater	104.61	6.51
23 55 23 13-0020	LF	106 To 130 MBH Input Radiant Heater	128.05	7.60
23 55 23 13-0021		"S" Straight Package *(23 55 23 13-0016)*		
23 55 23 13-0022	LF	Up To 75 MBH Input Radiant Heater	73.67	4.34
23 55 23 13-0023	LF	76 To 105 MBH Input Radiant Heater	93.92	5.42
23 55 23 13-0024	LF	106 To 130 MBH Input Radiant Heater	114.16	6.51
23 55 33		**Fuel-Fired Unit Heaters** *(23 55)*		
23 55 33 00-0001		Oil-Fired Unit Heaters *(23 55 33)*		
23 55 33 00-0002		Oil Fired Unit Heater *(23 55 33 00-0001)*		
23 55 33 00-0003		Horizontal Fan Propelled Oil Fired Unit Heater, 115 Volt *(23 55 33 00-0002)*		
23 55 33 00-0004	EA	97 MBH Output, 2,000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	8,015.66	499.68
23 55 33 00-0005	EA	142 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	8,596.63	549.65
23 55 33 00-0006	EA	188 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	9,232.42	599.62
23 55 33 00-0007		Gas-Fired Unit Heaters *(23 55 33)*		
23 55 33 00-0008		Removal And Reinstallation Of Unit Heaters *(23 55 33 00-0007)*		
		Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 55 33 00-0009	EA	Removal And Reinstallation Of Up To 101.3 MBH Output Gas or Oil Unit Heater	623.88	
23 55 33 00-0010	EA	Removal And Reinstallation Of >101.3 MBH Output Gas or Oil Unit Heater	840.89	
23 55 33 00-0011		Gas Fired Unit Heaters *(23 55 33 00-0007)*		
23 55 33 00-0012		Horizontal Fan Propelled Gas Fired Unit Heaters, 115 Volt *(23 55 33 00-0011)*		
23 55 33 00-0013	EA	24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,996.31	187.38
23 55 33 00-0014	EA	36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,182.70	224.86
23 55 33 00-0015	EA	48.6 MBH Output, 60 MBH Input, 1,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,216.66	224.86
23 55 33 00-0016	EA	60.8 MBH Output, 75 MBH Input, 1,250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,419.41	262.33
23 55 33 00-0017	EA	72.9 MBH Output, 90 MBH Input, 1,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,660.15	299.82
23 55 33 00-0018	EA	81 MBH Output, 100 MBH Input, 1,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,855.27	318.55
23 55 33 00-0019	EA	101.3 MBH Output, 125 MBH Input, 2,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,940.92	318.55
23 55 33 00-0020	EA	121.5 MBH Output, 150 MBH Input, 2,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,867.52	318.55
23 55 33 00-0021	EA	141.8 MBH Output, 175 MBH Input, 2,850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,414.70	337.29
23 55 33 00-0022	EA	162 MBH Output, 200 MBH Input, 3,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,749.07	337.29
23 55 33 00-0023	EA	202.5 MBH Output, 250 MBH Input, 3,450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,026.35	337.29
23 55 33 00-0024	EA	243 MBH Output, 300 MBH Input, 5,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,816.38	374.77
23 55 33 00-0025	EA	283.5 MBH Output, 350 MBH Input, 5,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	5,444.34	374.77
23 55 33 00-0026	EA	324 MBH Output, 400 MBH Input, 5,800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	5,840.00	412.24
23 57		**Heat Exchangers for HVAC** *(23 50)*		
23 57 13		**Steam-To-Steam Heat Exchangers** *(23 57)*		
23 57 13 00-0001		Steam Generator Heat Exchanger *(23 57 13)*		
		Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve.		
23 57 13 00-0002	EA	75 LB/Hour Steam Generator Heat Exchanger, 35 PSI	20,861.55	1,736.03
23 57 13 00-0003	EA	300 LB/Hour Steam Generator Heat Exchanger, 35 PSI	28,240.24	1,844.54
23 57 13 00-0004	EA	525 LB/Hour Steam Generator Heat Exchanger, 35 PSI	38,146.46	2,308.07
23 57 16		**Steam-To-Water Heat Exchangers** *(23 57)*		
23 57 16 00-0001		Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI *(23 57 16)*		
		Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 57 16 00-0002	EA	8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	2,432.28	271.26
		For Bronze Head And Tube Sheet, Add	*931.77*	
		For Copper Nickel Tubes, Add	*207.06*	
		For Double Wall Tube Bundles, Add	*310.59*	
23 57 16 00-0003	EA	10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,569.49	271.26
		For Bronze Head And Tube Sheet, Add	*1,410.97*	
		For Copper Nickel Tubes, Add	*313.55*	
		For Double Wall Tube Bundles, Add	*470.32*	
23 57 16 00-0004	EA	40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	5,393.63	379.76
		For Bronze Head And Tube Sheet, Add	*2,183.00*	
		For Copper Nickel Tubes, Add	*485.11*	
		For Double Wall Tube Bundles, Add	*727.67*	
23 57 16 00-0005	EA	64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	8,480.02	379.76
		For Bronze Head And Tube Sheet, Add	*3,327.75*	
		For Copper Nickel Tubes, Add	*739.50*	
		For Double Wall Tube Bundles, Add	*1,109.25*	
23 57 16 00-0006	EA	96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	11,176.83	447.03
		For Bronze Head And Tube Sheet, Add	*4,419.25*	
		For Copper Nickel Tubes, Add	*982.06*	
		For Double Wall Tube Bundles, Add	*1,473.08*	
23 57 16 00-0007	EA	120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	14,713.61	572.18
		For Bronze Head And Tube Sheet, Add	*5,803.60*	
		For Copper Nickel Tubes, Add	*1,289.69*	
		For Double Wall Tube Bundles, Add	*1,934.53*	
23 57 16 00-0008	EA	168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	18,157.47	858.82
		For Bronze Head And Tube Sheet, Add	*7,108.07*	
		For Copper Nickel Tubes, Add	*1,579.57*	
		For Double Wall Tube Bundles, Add	*2,369.36*	
23 57 16 00-0009	EA	240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	27,562.75	858.82
		For Bronze Head And Tube Sheet, Add	*11,074.75*	
		For Copper Nickel Tubes, Add	*2,461.06*	
		For Double Wall Tube Bundles, Add	*3,691.58*	

23 57 19 Liquid-To-Liquid Heat Exchangers *(23 57)*

23 57 19 13 Plate-Type, Liquid-To-Liquid Heat Exchangers *(23 57 19)*

23 57 19 13-0001 Plate And Frame Heat Exchanger *(23 57 19 13)*

23 57 19 13-0002	EA	8" W x 18-7/8"H Plate And Frame Heat Exchanger	3,838.42	271.26
23 57 19 13-0003	EA	8" W x 24-9/16"H Plate And Frame Heat Exchanger	5,124.63	271.26
23 57 19 13-0004	EA	11-3/16" W x 34-11/16"H Plate And Frame Heat Exchanger	6,840.84	325.51
23 57 19 13-0005	EA	16-3/4" W x 46-1/4"H Plate And Frame Heat Exchanger	9,306.81	352.64
23 57 19 13-0006	EA	16-1/2" W x 49-5/8"H Plate And Frame Heat Exchanger	10,191.07	352.64
23 57 19 13-0007	EA	24" W x 57-11/16"H Plate And Frame Heat Exchanger	13,300.13	379.76
23 57 19 13-0008	EA	26-5/16" W x 56-5/8"H Plate And Frame Heat Exchanger	14,023.62	379.76
23 57 19 13-0009	EA	24-1/4" W x 68-3/8"H Plate And Frame Heat Exchanger	17,347.56	434.01
23 57 19 13-0010	EA	24" W x 69-11/16"H Plate And Frame Heat Exchanger	21,234.22	488.26
23 57 19 13-0011	EA	26-5/16" W x 68-3/4"H Plate And Frame Heat Exchanger	22,038.10	488.26
23 57 19 13-0012	EA	24" W x 89-13/16"H Plate And Frame Heat Exchanger	27,306.98	579.70
23 57 19 13-0013	EA	26-5/16" W x 88-9/16"H Plate And Frame Heat Exchanger	32,971.68	637.57
23 57 19 13-0014	EA	40-13/16" W x 89-1/4"H Plate And Frame Heat Exchanger	38,073.53	695.43

23 57 19 19 Copper Tube, Water-To-Water Heat Exchanger *(23 57 19)*

23 57 19 19-0001 Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F *(23 57 19 19)*

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.

23 57 19 19-0002	EA	7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	2,905.56	271.26
		For Copper Nickel Tubes, Add	*254.39*	
		For Double Wall Tube Bundles, Add	*381.58*	
23 57 19 19-0003	EA	16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	4,042.77	271.26
		For Copper Nickel Tubes, Add	*360.88*	
		For Double Wall Tube Bundles, Add	*541.31*	
23 57 19 19-0004	EA	34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	6,044.39	379.76
		For Copper Nickel Tubes, Add	*550.19*	
		For Double Wall Tube Bundles, Add	*825.28*	
23 57 19 19-0005	EA	55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	8,650.79	379.76
		For Copper Nickel Tubes, Add	*792.74*	
		For Double Wall Tube Bundles, Add	*1,189.12*	
23 57 19 19-0006	EA	74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	10,704.89	434.01
		For Copper Nickel Tubes, Add	*976.14*	
		For Double Wall Tube Bundles, Add	*1,464.21*	
23 57 19 19-0007	EA	86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	14,275.65	434.01
		For Copper Nickel Tubes, Add	*1,313.35*	
		For Double Wall Tube Bundles, Add	*1,970.03*	
23 57 19 19-0008	EA	112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	17,717.42	429.41
		For Copper Nickel Tubes, Add	*1,632.82*	
		For Double Wall Tube Bundles, Add	*2,449.22*	
23 57 19 19-0009	EA	126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	22,038.00	429.41
		For Copper Nickel Tubes, Add	*2,035.10*	
		For Double Wall Tube Bundles, Add	*3,052.66*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 57 19 19-0010	EA	152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	28,177.44	429.41
		For Copper Nickel Tubes, Add	*2,603.04*	
		For Double Wall Tube Bundles, Add	*3,904.56*	

23 57 19 23 Refrigerant-To-Water Heat Exchanger *(23 57 19)*

23 57 19 23-0001 Heat Exchanger Refrigerant To Water *(23 57 19 23)*

23 57 19 23-0002	EA	10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	3,281.61	217.01
		For Copper Nickel Tubes, Add	*284.76*	
		For Double Wall Tube Bundles, Add	*427.14*	
23 57 19 23-0003	EA	53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	8,776.84	361.64
		For Copper Nickel Tubes, Add	*805.35*	
		For Double Wall Tube Bundles, Add	*1,208.02*	
23 57 19 23-0004	EA	70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	11,829.09	471.77
		For Copper Nickel Tubes, Add	*1,088.72*	
		For Double Wall Tube Bundles, Add	*1,633.08*	
23 57 19 23-0005	EA	87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	12,679.43	571.04
		For Copper Nickel Tubes, Add	*1,153.97*	
		For Double Wall Tube Bundles, Add	*1,730.96*	
23 57 19 23-0006	EA	105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	15,308.98	682.00
		For Copper Nickel Tubes, Add	*1,392.30*	
		For Double Wall Tube Bundles, Add	*2,088.45*	

23 60 Central Cooling Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 61 Refrigerant Compressors *(23 60)*

23 61 16 Reciprocating Refrigerant Compressors *(23 61)*

23 61 16 00-0001 Reciprocating Open Type Refrigerant Compressors *(23 61 16)*

Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.

23 61 16 00-0002	EA	1/4 Ton Refrigerant Compressor, Reciprocating Open Type	605.88	102.86
23 61 16 00-0003	EA	1/3 Ton Refrigerant Compressor, Reciprocating Open Type	716.26	102.86
23 61 16 00-0004	EA	1/2 Ton Refrigerant Compressor, Reciprocating Open Type	970.06	128.54
23 61 16 00-0005	EA	3/4 Ton Refrigerant Compressor, Reciprocating Open Type	1,197.73	128.54
23 61 16 00-0006	EA	1 Ton Refrigerant Compressor, Reciprocating Open Type	1,335.71	128.54
23 61 16 00-0007	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Open Type	1,354.04	133.73
23 61 16 00-0008	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,362.09	133.73
23 61 16 00-0009	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Open Type	1,495.35	144.01
23 61 16 00-0010	EA	2 Ton Refrigerant Compressor, Reciprocating Open Type	1,607.92	154.31
23 61 16 00-0011	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,752.67	164.59
23 61 16 00-0012	EA	3 Ton Refrigerant Compressor, Reciprocating Open Type	1,989.53	164.59
23 61 16 00-0013	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	2,230.86	174.87
23 61 16 00-0014	EA	4 Ton Refrigerant Compressor, Reciprocating Open Type	2,279.05	185.16
23 61 16 00-0015	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	2,316.90	190.26
23 61 16 00-0016	EA	5 Ton Refrigerant Compressor, Reciprocating Open Type	3,507.68	995.99
23 61 16 00-0017	EA	7.5 Ton Refrigerant Compressor, Reciprocating Open Type	5,253.98	1,138.23
23 61 16 00-0018	EA	10 Ton Refrigerant Compressor, Reciprocating Open Type	7,000.41	1,280.56
23 61 16 00-0019	EA	12.5 Ton Refrigerant Compressor, Reciprocating Open Type	9,220.97	1,387.18
23 61 16 00-0020	EA	15 Ton Refrigerant Compressor, Reciprocating Open Type	11,441.86	1,493.99
23 61 16 00-0021	EA	20 Ton Refrigerant Compressor, Reciprocating Open Type	13,730.24	1,792.79
23 61 16 00-0022	EA	25 Ton Refrigerant Compressor, Reciprocating Open Type	16,500.32	1,926.90
23 61 16 00-0023	EA	30 Ton Refrigerant Compressor, Reciprocating Open Type	19,156.56	2,037.26
23 61 16 00-0024	EA	50 Ton Refrigerant Compressor, Reciprocating Open Type	25,067.91	2,298.47
23 61 16 00-0025	EA	60 Ton Refrigerant Compressor, Reciprocating Open Type	29,528.09	2,358.75
23 61 16 00-0026	EA	70 Ton Refrigerant Compressor, Reciprocating Open Type	36,900.61	2,418.93
23 61 16 00-0027	EA	75 Ton Refrigerant Compressor, Reciprocating Open Type	38,744.94	2,449.12
23 61 16 00-0028	EA	80 Ton Refrigerant Compressor, Reciprocating Open Type	40,512.12	2,479.21
23 61 16 00-0029	EA	90 Ton Refrigerant Compressor, Reciprocating Open Type	43,820.16	2,539.40
23 61 16 00-0030	EA	100 Ton Refrigerant Compressor, Reciprocating Open Type	46,824.37	2,599.77
23 61 16 00-0031	EA	110 Ton Refrigerant Compressor, Reciprocating Open Type	50,249.94	3,004.94
23 61 16 00-0032	EA	120 Ton Refrigerant Compressor, Reciprocating Open Type	52,649.89	3,072.18
23 61 16 00-0033	EA	130 Ton Refrigerant Compressor, Reciprocating Open Type	54,704.13	3,111.29
23 61 16 00-0034	EA	140 Ton Refrigerant Compressor, Reciprocating Open Type	56,538.69	3,207.55
23 61 16 00-0035	EA	150 Ton Refrigerant Compressor, Reciprocating Open Type	58,024.59	3,274.81
23 61 16 00-0036	EA	175 Ton Refrigerant Compressor, Reciprocating Open Type	59,543.48	3,364.54
23 61 16 00-0037	EA	185 Ton Refrigerant Compressor, Reciprocating Open Type	60,981.03	3,400.72
23 61 16 00-0038	EA	200 Ton Refrigerant Compressor, Reciprocating Open Type	62,449.88	3,457.00
23 61 16 00-0039	EA	225 Ton Refrigerant Compressor, Reciprocating Open Type	64,196.97	3,690.14
23 61 16 00-0040	EA	250 Ton Refrigerant Compressor, Reciprocating Open Type	65,888.48	3,889.06

23 61 16 00-0041 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16)*

Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.

23 61 16 00-0042 Reciprocating Hermetic Type Refrigerant Compressors <5 Tons *(23 61 16 00-0041)*

23 61 16 00-0043	EA	1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,032.48	102.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61 16 00-0044	EA	1/3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,067.67	102.86
23 61 16 00-0045	EA	1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,154.28	128.54
23 61 16 00-0046	EA	3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,189.45	128.54
23 61 16 00-0047	EA	1 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,207.04	128.54
23 61 16 00-0048	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,245.47	133.73
23 61 16 00-0049	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,284.17	133.73
23 61 16 00-0050	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,378.62	144.01
23 61 16 00-0051	EA	2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,469.57	154.31
23 61 16 00-0052	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,595.67	164.59
23 61 16 00-0053	EA	3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,666.04	164.59
23 61 16 00-0054	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,792.14	174.87
23 61 16 00-0055	EA	4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,129.35	185.16
23 61 16 00-0056	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,333.11	190.26
23 61 16 00-0057		Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16 00-0041)*		
23 61 16 00-0058	EA	5 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,926.31	512.22
23 61 16 00-0059	EA	10 Ton Refrigerant Compressor, Reciprocating Hermetic Type	5,583.96	640.28
23 61 16 00-0060	EA	15 Ton Refrigerant Compressor, Reciprocating Hermetic Type	9,337.93	779.49
23 61 16 00-0061	EA	20 Ton Refrigerant Compressor, Reciprocating Hermetic Type	11,899.56	896.39
23 61 16 00-0062	EA	25 Ton Refrigerant Compressor, Reciprocating Hermetic Type	13,141.63	995.99
23 61 16 00-0063	EA	30 Ton Refrigerant Compressor, Reciprocating Hermetic Type	14,569.46	1,120.49
23 61 16 00-0064	EA	35 Ton Refrigerant Compressor, Reciprocating Hermetic Type	18,852.40	1,280.56
23 61 16 00-0065	EA	40 Ton Refrigerant Compressor, Reciprocating Hermetic Type	24,264.30	1,280.56
23 61 16 00-0066	EA	50 Ton Refrigerant Compressor, Reciprocating Hermetic Type	29,972.83	1,493.99
23 61 16 00-0067	EA	60 Ton Refrigerant Compressor, Reciprocating Hermetic Type	33,747.89	1,600.70
23 61 16 00-0068	EA	70 Ton Refrigerant Compressor, Reciprocating Hermetic Type	35,658.08	1,677.51
23 61 16 00-0069	EA	75 Ton Refrigerant Compressor, Reciprocating Hermetic Type	36,655.94	1,760.39
23 61 16 00-0070	EA	80 Ton Refrigerant Compressor, Reciprocating Hermetic Type	37,698.69	1,767.21
23 61 16 00-0071	EA	90 Ton Refrigerant Compressor, Reciprocating Hermetic Type	39,600.23	1,850.38
23 61 16 00-0072	EA	100 Ton Refrigerant Compressor, Reciprocating Hermetic Type	41,521.23	1,926.90
23 61 19		**Scroll Refrigerant Compressors** *(23 61)*		
23 61 19 00-0001		Scroll Refrigerant Compressors *(23 61 19)*		
23 61 19 00-0002	EA	Up To 3 Ton Scroll Refrigerant Compressor	1,335.73	164.40
23 61 19 00-0003	EA	3.5 Ton Scroll Refrigerant Compressor	1,400.46	174.98
23 61 19 00-0004	EA	4 Ton Scroll Refrigerant Compressor	1,434.61	185.07
23 61 19 00-0005	EA	4.5 Ton Scroll Refrigerant Compressor	1,462.60	190.36
23 61 19 00-0006	EA	5 Ton Scroll Refrigerant Compressor	1,811.93	240.34
23 61 19 00-0007	EA	7.5 Ton Scroll Refrigerant Compressor	3,452.72	360.52
23 61 19 00-0008	EA	8.75 Ton Scroll Refrigerant Compressor	3,950.28	420.61
23 61 19 00-0009	EA	10 Ton Scroll Refrigerant Compressor	4,425.60	480.69
23 61 19 00-0010	EA	12 Ton Scroll Refrigerant Compressor	5,348.65	576.83
23 61 19 00-0011	EA	13.5 Ton Scroll Refrigerant Compressor	6,307.37	648.93
23 61 19 00-0012	EA	15 Ton Scroll Refrigerant Compressor	7,399.08	721.04
23 61 19 00-0013	EA	20 Ton Scroll Refrigerant Compressor	10,429.19	961.38
23 61 19 00-0014	EA	25 Ton Scroll Refrigerant Compressor	11,754.66	1,201.72
23 61 19 00-0015	EA	30 Ton Scroll Refrigerant Compressor	12,564.15	1,442.07
23 61 23		**Rotary-Screw Refrigerant Compressors** *(23 61)*		
23 61 23 00-0001		Rotary Screw Type Refrigerant Compressors *(23 61 23)*		
23 61 23 00-0002	EA	75 Ton Refrigerant Compressor, Rotary Screw Type	42,813.60	2,449.12
23 61 23 00-0003	EA	80 Ton Refrigerant Compressor, Rotary Screw Type	44,120.78	2,479.21
23 61 23 00-0004	EA	90 Ton Refrigerant Compressor, Rotary Screw Type	46,955.14	2,539.40
23 61 23 00-0005	EA	100 Ton Refrigerant Compressor, Rotary Screw Type	49,759.59	2,599.77
23 61 23 00-0006	EA	110 Ton Refrigerant Compressor, Rotary Screw Type	53,770.03	3,004.94
23 61 23 00-0007	EA	120 Ton Refrigerant Compressor, Rotary Screw Type	57,060.33	3,072.18
23 61 23 00-0008	EA	130 Ton Refrigerant Compressor, Rotary Screw Type	60,279.20	3,111.29
23 61 23 00-0009	EA	140 Ton Refrigerant Compressor, Rotary Screw Type	63,610.82	3,207.55
23 61 23 00-0010	EA	150 Ton Refrigerant Compressor, Rotary Screw Type	66,903.98	3,274.81
23 61 23 00-0011	EA	170 Ton Refrigerant Compressor, Rotary Screw Type	71,535.87	3,364.54
23 61 23 00-0012	EA	185 Ton Refrigerant Compressor, Rotary Screw Type	74,778.20	3,400.72
23 61 23 00-0013	EA	200 Ton Refrigerant Compressor, Rotary Screw Type	76,287.13	3,457.00
23 61 23 00-0014	EA	215 Ton Refrigerant Compressor, Rotary Screw Type	85,638.97	3,690.14
23 61 23 00-0015	EA	225 Ton Refrigerant Compressor, Rotary Screw Type	94,864.79	3,889.06

23 62 Packaged Compressor and Condenser Units *(23 60)*

23 62 13 Packaged Air-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

23 62 13 00-0001 Combination Direct-Expansion Liquid Cooler And Compressors *(23 62 13)*

Note: Shell and tube type. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62 13 00-0002	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	6,930.44	888.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 62 13 00-0003	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	15,455.52	951.77
23 62 13 00-0004	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	27,196.64	1,015.21
23 62 13 00-0005	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	32,227.09	1,078.67
23 62 13 00-0006	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	38,244.41	1,142.12
23 62 13 00-0007	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	42,384.13	1,269.02
23 62 13 00-0008	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	43,642.62	1,448.29
23 62 13 00-0009	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	47,041.55	1,720.58
23 62 13 00-0010	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	50,193.60	1,863.97
23 62 13 00-0011	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	57,532.66	2,007.35
23 62 13 00-0012	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	65,046.22	2,222.42
23 62 13 00-0013	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	68,752.02	2,311.58
23 62 13 00-0014	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	77,630.93	2,456.06
23 62 13 00-0015	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	84,856.14	2,600.53

23 62 13 00-0016 Direct-Expansion Liquid Cooler Shell And Tube Type *(23 62 13)*

Note: For built-up systems. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Excludes compressors. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62 13 00-0017	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	6,611.74	888.32
23 62 13 00-0018	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	13,641.58	951.77
23 62 13 00-0019	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	21,328.28	1,015.21
23 62 13 00-0020	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	23,036.94	1,078.67
23 62 13 00-0021	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	24,745.61	1,142.12
23 62 13 00-0022	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	29,335.67	1,269.02
23 62 13 00-0023	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	33,272.12	1,448.29
23 62 13 00-0024	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	42,773.47	1,720.58
23 62 13 00-0025	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	47,974.87	1,863.97
23 62 13 00-0026	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	51,932.89	2,007.35
23 62 13 00-0027	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	59,715.73	2,222.42
23 62 13 00-0028	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	63,252.44	2,311.58
23 62 13 00-0029	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	69,388.45	2,456.06
23 62 13 00-0030	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	79,135.90	2,600.53

23 62 13 00-0031 Packaged Chiller With Remote Air Cooled Condenser *(23 62 13)*

Note: With remote air cooled condenser rated by cooling capacity. Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.

23 62 13 00-0032	EA	15 Ton Packaged Chiller With Remote Air Cooled Condensers	36,124.94	8,359.82
		For Gas Fired Engine Driven, Add	*5,971.65*	
23 62 13 00-0033	EA	20 Ton Packaged Chiller With Remote Air Cooled Condensers	40,563.38	8,811.69
		For Gas Fired Engine Driven, Add	*6,791.59*	
23 62 13 00-0034	EA	25 Ton Packaged Chiller With Remote Air Cooled Condensers	46,857.65	9,589.11
		For Gas Fired Engine Driven, Add	*7,933.88*	
23 62 13 00-0035	EA	30 Ton Packaged Chiller With Remote Air Cooled Condensers	52,200.97	10,188.48
		For Gas Fired Engine Driven, Add	*8,912.69*	
23 62 13 00-0036	EA	40 Ton Packaged Chiller With Remote Air Cooled Condensers	64,722.16	11,242.45
		For Gas Fired Engine Driven, Add	*11,258.91*	
23 62 13 00-0037	EA	50 Ton Packaged Chiller With Remote Air Cooled Condensers	71,136.53	11,643.92
		For Gas Fired Engine Driven, Add	*12,481.58*	
23 62 13 00-0038	EA	60 Ton Packaged Chiller With Remote Air Cooled Condensers	77,266.09	12,539.63
		For Gas Fired Engine Driven, Add	*13,573.21*	
23 62 13 00-0039	EA	70 Ton Packaged Chiller With Remote Air Cooled Condensers	93,363.79	13,416.97
		For Gas Fired Engine Driven, Add	*16,636.08*	
23 62 13 00-0040	EA	75 Ton Packaged Chiller With Remote Air Cooled Condensers	94,459.14	13,688.04
		For Gas Fired Engine Driven, Add	*16,839.64*	
23 62 13 00-0041	EA	80 Ton Packaged Chiller With Remote Air Cooled Condensers	96,291.64	14,283.23
		For Gas Fired Engine Driven, Add	*17,116.91*	
23 62 13 00-0042	EA	90 Ton Packaged Chiller With Remote Air Cooled Condensers	106,534.47	14,932.49
		For Gas Fired Engine Driven, Add	*19,068.14*	
23 62 13 00-0043	EA	100 Ton Packaged Chiller With Remote Air Cooled Condensers	117,572.81	15,643.58
		For Gas Fired Engine Driven, Add	*21,169.20*	
23 62 13 00-0044	EA	110 Ton Packaged Chiller With Remote Air Cooled Condensers	130,047.39	16,425.71
		For Gas Fired Engine Driven, Add	*23,546.85*	
23 62 13 00-0045	EA	120 Ton Packaged Chiller With Remote Air Cooled Condensers	140,461.02	17,290.26
		For Gas Fired Engine Driven, Add	*25,499.97*	
23 62 13 00-0046	EA	140 Ton Packaged Chiller With Remote Air Cooled Condensers	154,722.63	18,250.79
		For Gas Fired Engine Driven, Add	*28,208.28*	

23 62 23 Packaged Water-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

23 62 23 00-0001 Water Cooled Condensing Units *(23 62 23)*

Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.

23 62 23 00-0002	EA	5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	7,739.52	694.56
23 62 23 00-0003	EA	10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	11,744.80	1,014.36
23 62 23 00-0004	EA	15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	13,456.83	1,099.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 62 23 00-0005	EA	20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	16,693.76	1,319.17
23 62 23 00-0006	EA	30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	18,013.30	1,552.03
23 62 23 00-0007	EA	60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	38,379.92	2,337.33
23 62 23 00-0008	EA	80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	47,643.53	2,820.96
23 62 23 00-0009	EA	120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	66,001.14	3,086.56

23 63 Refrigerant Condensers *(23 60)*

23 63 13 Air-Cooled Refrigerant Condensers *(23 63)*

23 63 13 00-0001 Air Cooled Condensing Units *(23 63 13)*

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. Meets minimum ASHRAE EER requirements. Excludes piping and power wiring.

23 63 13 00-0002	EA	6 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	5,059.32	694.56
		For >10 To 25, Deduct	*-120.22*	
		For >25 To 50, Deduct	*-200.37*	
		For >50, Deduct	*-320.59*	
		For Low Ambient Protection, 0 Degree F, Add	*783.95*	
		For Winter Start Control, Add	*265.49*	
23 63 13 00-0003	EA	7.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	6,058.04	824.48
		For >10 To 25, Deduct	*-144.26*	
		For >25 To 50, Deduct	*-240.44*	
		For >50, Deduct	*-384.71*	
		For Low Ambient Protection, 0 Degree F, Add	*697.01*	
		For Winter Start Control, Add	*221.10*	
23 63 13 00-0004	EA	10 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	7,863.19	1,014.36
		For >10 To 25, Deduct	*-189.77*	
		For >25 To 50, Deduct	*-316.29*	
		For >50, Deduct	*-506.06*	
		For Low Ambient Protection, 0 Degree F, Add	*827.17*	
		For Winter Start Control, Add	*280.26*	
23 63 13 00-0005	EA	12.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	9,683.63	1,055.34
		For >10 To 25, Deduct	*-242.54*	
		For >25 To 50, Deduct	*-404.23*	
		For >50, Deduct	*-646.77*	
		For Low Ambient Protection, 0 Degree F, Add	*965.67*	
		For Winter Start Control, Add	*321.59*	
23 63 13 00-0006	EA	15 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	11,509.19	1,099.31
		For >10 To 25, Deduct	*-295.31*	
		For >25 To 50, Deduct	*-492.18*	
		For >50, Deduct	*-787.49*	
		For Low Ambient Protection, 0 Degree F, Add	*1,007.02*	
		For Winter Start Control, Add	*265.00*	
23 63 13 00-0007	EA	20 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	14,811.53	1,319.17
		For >10 To 25, Deduct	*-384.38*	
		For >25 To 50, Deduct	*-640.64*	
		For >50, Deduct	*-1,025.02*	
		For Low Ambient Protection, 0 Degree F, Add	*1,268.45*	
		For Winter Start Control, Add	*328.00*	
23 63 13 00-0008	EA	25 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	16,832.93	1,419.11
		For >10 To 25, Deduct	*-440.54*	
		For >25 To 50, Deduct	*-734.23*	
		For >50, Deduct	*-1,174.77*	
		For Low Ambient Protection, 0 Degree F, Add	*1,344.72*	
		For Winter Start Control, Add	*361.67*	
23 63 13 00-0009	EA	30 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	19,287.59	1,549.02
		For >10 To 25, Deduct	*-508.32*	
		For >25 To 50, Deduct	*-847.19*	
		For >50, Deduct	*-1,355.51*	
		For Low Ambient Protection, 0 Degree F, Add	*1,433.13*	
		For Winter Start Control, Add	*403.81*	
23 63 13 00-0010	EA	40 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	26,508.04	1,859.24
		For >10 To 25, Deduct	*-709.22*	
		For >25 To 50, Deduct	*-1,182.04*	
		For >50, Deduct	*-1,891.26*	
		For Low Ambient Protection, 0 Degree F, Add	*1,898.87*	
		For Winter Start Control, Add	*523.14*	
23 63 13 00-0011	EA	50 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	32,207.49	2,337.33
		For >10 To 25, Deduct	*-858.08*	
		For >25 To 50, Deduct	*-1,430.14*	
		For >50, Deduct	*-2,288.23*	
		For Low Ambient Protection, 0 Degree F, Add	*2,045.28*	
		For Winter Start Control, Add	*503.48*	
23 63 13 00-0012	EA	60 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	37,063.98	2,579.69
		For >10 To 25, Deduct	*-995.72*	
		For >25 To 50, Deduct	*-1,659.53*	
		For >50, Deduct	*-2,655.25*	
		For Low Ambient Protection, 0 Degree F, Add	*2,295.97*	
		For Winter Start Control, Add	*553.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0013	EA	80 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	47,920.35	2,820.96
		For >10 To 25, Deduct	*-1,307.10*	
		For >25 To 50, Deduct	*-2,178.50*	
		For >50, Deduct	*-3,485.59*	
		For Low Ambient Protection, 0 Degree F, Add	*2,830.41*	
		For Winter Start Control, Add	*652.89*	
23 63 13 00-0014	EA	100 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	66,007.10	2,539.97
		For >10 To 25, Deduct	*-1,825.09*	
		For >25 To 50, Deduct	*-3,041.82*	
		For >50, Deduct	*-4,866.92*	
		For Low Ambient Protection, 0 Degree F, Add	*3,117.75*	
		For Winter Start Control, Add	*821.24*	
23 63 13 00-0015	EA	120 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	81,189.79	2,626.07
		For >10 To 25, Deduct	*-2,275.32*	
		For >25 To 50, Deduct	*-3,792.20*	
		For >50, Deduct	*-6,067.51*	
		For Low Ambient Protection, 0 Degree F, Add	*3,611.79*	

23 63 13 00-0016 Air Cooled Condensing Units *(23 63 13)*

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 14 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Includes 20' length of piping (liquid line and insulated suction line). Excludes additional piping and power wiring.

23 63 13 00-0017	EA	1.5 Ton, 14 SEER, Air Cooled Condensing Unit	1,980.36	324.05
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-44.83*	
		For >25 To 50, Deduct	*-74.71*	
		For >50, Deduct	*-119.54*	
		For 15 SEER, Add	*358.63*	
		For 16 SEER, Add	*612.66*	
		For 18 SEER, Add	*1,285.09*	
23 63 13 00-0018	EA	2 Ton, 14 SEER, Air Cooled Condensing Unit	2,129.56	360.23
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-47.68*	
		For >25 To 50, Deduct	*-79.47*	
		For >50, Deduct	*-127.16*	
		For 15 SEER, Add	*381.48*	
		For 16 SEER, Add	*651.69*	
		For 18 SEER, Add	*1,366.96*	
23 63 13 00-0019	EA	2.5 Ton, 14 SEER, Air Cooled Condensing Unit	2,259.42	396.25
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-49.96*	
		For >25 To 50, Deduct	*-83.27*	
		For >50, Deduct	*-133.23*	
		For 15 SEER, Add	*399.68*	
		For 16 SEER, Add	*682.79*	
		For 18 SEER, Add	*1,432.19*	
23 63 13 00-0020	EA	3 Ton, 14 SEER, Air Cooled Condensing Unit	2,595.83	432.05
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-58.43*	
		For >25 To 50, Deduct	*-97.39*	
		For >50, Deduct	*-155.82*	
		For 15 SEER, Add	*467.46*	
		For 16 SEER, Add	*798.57*	
		For 18 SEER, Add	*1,675.06*	
23 63 13 00-0021	EA	3.5 Ton, 14 SEER, Air Cooled Condensing Unit	2,748.26	468.30
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-61.39*	
		For >25 To 50, Deduct	*-102.31*	
		For >50, Deduct	*-163.69*	
		For 15 SEER, Add	*491.08*	
		For 16 SEER, Add	*838.93*	
		For 18 SEER, Add	*1,759.71*	
23 63 13 00-0022	EA	4 Ton, 14 SEER, Air Cooled Condensing Unit	3,063.69	504.32
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-69.23*	
		For >25 To 50, Deduct	*-115.38*	
		For >50, Deduct	*-184.61*	
		For 15 SEER, Add	*553.82*	
		For 16 SEER, Add	*946.11*	
		For 18 SEER, Add	*1,984.53*	
23 63 13 00-0023	EA	5 Ton, 14 SEER, Air Cooled Condensing Unit	3,458.93	540.07
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-79.46*	
		For >25 To 50, Deduct	*-132.44*	
		For >50, Deduct	*-211.91*	
		For 15 SEER, Add	*635.72*	
		For 16 SEER, Add	*1,086.02*	
		For 18 SEER, Add	*2,277.99*	

23 63 13 00-0024 Removal And Reinstallation Of AC Condensing Unit *(23 63 13)*

Note: Includes storage and cleaning.

23 63 13 00-0025	EA	Removal And Reinstallation Of Up To 5 Tons Air Cooled Condensing Unit	332.36
23 63 13 00-0026	EA	Removal And Reinstallation Of 7.5 To 15 Tons Air Cooled Condensing Unit	1,246.36

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0027	EA	Removal And Reinstallation Of 20 To 40 Tons Air Cooled Condensing Unit	2,099.52	

23 64 Packaged Water Chillers *(23 60)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 64 13 Absorption Water Chillers *(23 64)*

23 64 13 16 Indirect-Fired Absorption Water Chillers *(23 64 13)*

23 64 13 16-0001 Packaged, Steam Driven, Water Cooled Absorption Chillers *(23 64 13 16)*

Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Exclude piping and power wiring.

23 64 13 16-0002	EA	50 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	198,853.11	11,405.39
		For Two Stage Unit, Add	*130,072.87*	
23 64 13 16-0003	EA	100 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	251,062.64	13,134.01
		For Two Stage Unit, Add	*165,236.65*	
23 64 13 16-0004	EA	150 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	318,208.45	14,119.06
		For Two Stage Unit, Add	*211,450.67*	
23 64 13 16-0005	EA	200 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	353,432.02	15,104.10
		For Two Stage Unit, Add	*235,319.13*	
23 64 13 16-0006	EA	250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	394,655.17	15,541.90
		For Two Stage Unit, Add	*263,825.10*	
23 64 13 16-0007	EA	300 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	444,521.46	16,089.15
		For Two Stage Unit, Add	*298,293.69*	
23 64 13 16-0008	EA	350 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	476,652.53	16,636.40
		For Two Stage Unit, Add	*320,347.65*	
23 64 13 16-0009	EA	400 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	567,079.66	17,512.01
		For Two Stage Unit, Add	*382,946.16*	
23 64 13 16-0010	EA	500 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	634,681.14	18,059.25
		For Two Stage Unit, Add	*429,829.39*	
23 64 13 16-0011	EA	650 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	768,789.56	18,606.51
		For Two Stage Unit, Add	*523,267.48*	
23 64 13 16-0012	EA	750 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	833,489.50	19,919.90
		For Two Stage Unit, Add	*567,506.73*	
23 64 13 16-0013	EA	850 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	893,536.78	21,123.85
		For Two Stage Unit, Add	*608,576.66*	
23 64 13 16-0014	EA	950 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	958,639.98	22,638.89
		For Two Stage Unit, Add	*652,936.88*	
23 64 13 16-0015	EA	1,125 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,097,302.49	23,191.05
		For Two Stage Unit, Add	*749,514.72*	
23 64 13 16-0016	EA	1,250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,201,819.77	24,516.26
		For Two Stage Unit, Add	*821,660.84*	
23 64 13 16-0017	EA	1,450 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,403,549.35	25,620.59
		For Two Stage Unit, Add	*961,988.07*	
23 64 13 16-0018	EA	1,700 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,640,530.02	26,393.63
		For Two Stage Unit, Add	*1,127,256.12*	

23 64 16 Centrifugal Water Chillers *(23 64)*

23 64 16 13 Air-Cooled Centrifugal Water Chillers *(23 64 16)*

23 64 16 13-0001 Magnetic Bearing, Air Cooled Centrifugal Chillers *(23 64 16 13)*

Note: SMARDT air cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, lowest ARI IPLV in industry. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface.

23 64 16 13-0002	EA	85 Ton, Single Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller	228,588.47	6,060.06
		For 5 Year Parts Only Compressor Warranty, Add	*6,359.70*	
23 64 16 13-0003	EA	175 Ton, Two Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller	324,465.20	8,131.59
		For 5 Year Parts Only Compressor Warranty, Add	*12,719.40*	
23 64 16 13-0004	EA	240 Ton, Three Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller	405,814.68	8,599.82
		For 5 Year Parts Only Compressor Warranty, Add	*19,079.10*	

23 64 16 16 Water-Cooled Centrifugal Water Chillers *(23 64 16)*

23 64 16 16-0001 Packaged Water-Cooled Centrifugal Water Chillers *(23 64 16 16)*

Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 16 16-0002	EA	180 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	151,617.40	6,244.67
		For 208/230 Voltage Motor Rating, Add	*5,663.45*	
23 64 16 16-0003	EA	200 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	165,754.15	6,402.83
		For 208/230 Voltage Motor Rating, Add	*6,218.63*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0004	EA	225 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	182,841.26	6,565.58
		For 208/230 Voltage Motor Rating, Add	*6,891.79*	
23 64 16 16-0005	EA	250 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	199,514.37	6,828.81
		For 208/230 Voltage Motor Rating, Add	*7,541.80*	
23 64 16 16-0006	EA	275 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	215,805.52	7,214.40
		For 208/230 Voltage Motor Rating, Add	*8,168.67*	
23 64 16 16-0007	EA	300 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	231,501.03	7,589.49
		For 208/230 Voltage Motor Rating, Add	*8,772.39*	
23 64 16 16-0008	EA	325 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	246,682.29	8,005.61
		For 208/230 Voltage Motor Rating, Add	*9,352.91*	
23 64 16 16-0009	EA	350 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	261,252.40	8,400.40
		For 208/230 Voltage Motor Rating, Add	*9,910.34*	
23 64 16 16-0010	EA	375 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	275,186.33	8,760.38
		For 208/230 Voltage Motor Rating, Add	*10,444.57*	
23 64 16 16-0011	EA	400 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	288,419.96	9,044.62
		For 208/230 Voltage Motor Rating, Add	*10,955.65*	
23 64 16 16-0012	EA	425 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	301,338.09	9,492.71
		For 208/230 Voltage Motor Rating, Add	*11,443.59*	
23 64 16 16-0013	EA	450 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	313,546.28	9,858.93
		For 208/230 Voltage Motor Rating, Add	*11,908.38*	
23 64 16 16-0014	EA	475 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	325,168.21	10,220.44
		For 208/230 Voltage Motor Rating, Add	*12,350.03*	
23 64 16 16-0015	EA	500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	336,080.65	10,500.41
		For 208/230 Voltage Motor Rating, Add	*12,768.53*	
23 64 16 16-0016	EA	550 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	355,866.56	10,872.76
		For 208/230 Voltage Motor Rating, Add	*13,536.05*	
23 64 16 16-0017	EA	600 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	373,119.66	11,109.18
		For 208/230 Voltage Motor Rating, Add	*14,210.98*	
23 64 16 16-0018	EA	650 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	388,559.05	11,658.29
		For 208/230 Voltage Motor Rating, Add	*14,793.27*	
23 64 16 16-0019	EA	700 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	401,697.31	12,215.71
		For 208/230 Voltage Motor Rating, Add	*15,282.99*	
23 64 16 16-0020	EA	750 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	412,614.53	12,828.96
		For 208/230 Voltage Motor Rating, Add	*15,680.27*	
23 64 16 16-0021	EA	800 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	438,277.79	13,447.90
		For 208/230 Voltage Motor Rating, Add	*16,667.03*	
23 64 16 16-0022	EA	850 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	463,759.73	14,064.87
		For 208/230 Voltage Motor Rating, Add	*17,646.67*	
23 64 16 16-0023	EA	900 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	489,155.47	14,741.05
		For 208/230 Voltage Motor Rating, Add	*18,619.06*	
23 64 16 16-0024	EA	950 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	514,477.78	15,485.53
		For 208/230 Voltage Motor Rating, Add	*19,584.11*	
23 64 16 16-0025	EA	1,000 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	539,559.24	16,368.68
		For 208/230 Voltage Motor Rating, Add	*20,541.84*	
23 64 16 16-0026	EA	1,100 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	585,375.91	18,887.01
		For 208/230 Voltage Motor Rating, Add	*22,214.43*	
23 64 16 16-0027	EA	1,200 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	629,471.84	21,412.52
		For 208/230 Voltage Motor Rating, Add	*23,817.72*	
23 64 16 16-0028	EA	1,300 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	671,069.50	23,458.31
		For 208/230 Voltage Motor Rating, Add	*25,351.57*	
23 64 16 16-0029	EA	1,400 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	709,681.82	24,717.91
		For 208/230 Voltage Motor Rating, Add	*26,816.00*	
23 64 16 16-0030	EA	1,500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	746,488.01	25,936.32
		For 208/230 Voltage Motor Rating, Add	*28,210.79*	
23 64 16 16-0031	EA	1,600 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	780,833.85	26,688.15
		For 208/230 Voltage Motor Rating, Add	*29,536.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0032	EA	1,700 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	815,203.07	28,550.06
		For 208/230 Voltage Motor Rating, Add	*30,793.25*	
23 64 16 16-0033	EA	1,800 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	847,090.73	29,942.74
		For 208/230 Voltage Motor Rating, Add	*31,980.22*	
23 64 16 16-0034	EA	1,900 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	877,900.88	31,749.66
		For 208/230 Voltage Motor Rating, Add	*33,097.77*	
23 64 16 16-0035	EA	2,000 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	905,909.15	32,883.58
		For 208/230 Voltage Motor Rating, Add	*34,146.02*	
23 64 16 16-0036	EA	2,250 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	964,785.58	34,744.95
		For 208/230 Voltage Motor Rating, Add	*36,463.07*	
23 64 16 16-0037	EA	2,500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	1,017,191.80	36,829.60
		For 208/230 Voltage Motor Rating, Add	*38,346.48*	

23 64 16 16-0038 Magnetic Bearing, Water Cooled Centrifugal Water Chillers *(23 64 16 16)*

Note: SMARDT water cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, 10 amp maximum inrush current and ARI part load <0.4kW per ton. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface, 12/18 month compressor warranty.

23 64 16 16-0039	EA	60 To 85 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	143,893.18	5,253.60
		For 5 Year Parts Only Compressor Warranty, Add	*6,359.70*	
		For Marine Water Box Connections, Add	*4,627.56*	
23 64 16 16-0040	EA	130 To 137 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	181,201.58	6,106.22
		For 5 Year Parts Only Compressor Warranty, Add	*6,359.70*	
		For Marine Water Box Connections, Add	*4,627.56*	
23 64 16 16-0041	EA	125 To 170 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	226,985.87	6,244.67
		For 5 Year Parts Only Compressor Warranty, Add	*12,719.40*	
		For Marine Water Box Connections, Add	*4,627.56*	
23 64 16 16-0042	EA	240 To 270 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	295,636.34	7,214.40
		For 5 Year Parts Only Compressor Warranty, Add	*12,719.40*	
		For Marine Water Box Connections, Add	*4,627.56*	
23 64 16 16-0043	EA	210 To 260 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	297,936.00	6,828.81
		For 5 Year Parts Only Compressor Warranty, Add	*19,079.10*	
		For Marine Water Box Connections, Add	*4,627.56*	
23 64 16 16-0044	EA	355 To 405 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	447,030.76	9,044.62
		For 5 Year Parts Only Compressor Warranty, Add	*19,079.10*	
		For Marine Water Box Connections, Add	*4,627.56*	
23 64 16 16-0045	EA	299 To 340 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	396,034.03	8,400.40
		For 5 Year Parts Only Compressor Warranty, Add	*23,318.90*	
		For Marine Water Box Connections, Add	*6,445.53*	
23 64 16 16-0046	EA	540 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	550,295.93	10,872.76
		For 5 Year Parts Only Compressor Warranty, Add	*23,318.90*	
		For Marine Water Box Connections, Add	*6,445.53*	
23 64 16 16-0047	EA	425 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	492,953.09	9,492.71
		For 5 Year Parts Only Compressor Warranty, Add	*27,558.70*	
		For Marine Water Box Connections, Add	*6,445.53*	
23 64 16 16-0048	EA	650 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	659,818.87	11,658.29
		For 5 Year Parts Only Compressor Warranty, Add	*27,558.70*	
		For Marine Water Box Connections, Add	*6,445.53*	
23 64 16 16-0049	EA	510 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	587,001.69	10,500.41
		For 5 Year Parts Only Compressor Warranty, Add	*31,798.50*	
		For Marine Water Box Connections, Add	*6,776.07*	
23 64 16 16-0050	EA	800 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	756,316.91	13,447.90
		For 5 Year Parts Only Compressor Warranty, Add	*31,798.50*	
		For Marine Water Box Connections, Add	*6,776.07*	

23 64 23 Scroll Water Chillers *(23 64)*

23 64 23 13 Air-Cooled Scroll Water Chillers *(23 64 23)*

23 64 23 13-0001 Packaged Air Cooled Scroll Water Chillers *(23 64 23 13)*

Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type. Includes scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment.

23 64 23 13-0002	EA	10 Ton Packaged Air Cooled Scroll Water Chiller	27,772.96	1,582.06
23 64 23 13-0003	EA	15 Ton Packaged Air Cooled Scroll Water Chiller	40,782.21	1,602.35
23 64 23 13-0004	EA	18 Ton Packaged Air Cooled Scroll Water Chiller	44,514.14	1,713.90
23 64 23 13-0005	EA	22 Ton Packaged Air Cooled Scroll Water Chiller	48,982.22	1,835.60
23 64 23 13-0006	EA	25 Ton Packaged Air Cooled Scroll Water Chiller	49,764.79	1,957.30
23 64 23 13-0007	EA	30 Ton Packaged Air Cooled Scroll Water Chiller	52,503.80	2,099.29
23 64 23 13-0008	EA	40 Ton Packaged Air Cooled Scroll Water Chiller	60,057.91	2,271.68
23 64 23 13-0009	EA	45 Ton Packaged Air Cooled Scroll Water Chiller	64,495.80	2,464.37
23 64 23 13-0010	EA	50 Ton Packaged Air Cooled Scroll Water Chiller	68,116.99	2,535.36
23 64 23 13-0011	EA	55 Ton Packaged Air Cooled Scroll Water Chiller	71,144.54	2,646.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 23 13-0012	EA	60 Ton Packaged Air Cooled Scroll Water Chiller	73,533.65	2,738.19
23 64 23 13-0013	EA	70 Ton Packaged Air Cooled Scroll Water Chiller	84,849.70	3,083.00
23 64 23 13-0014	EA	80 Ton Packaged Air Cooled Scroll Water Chiller	91,321.17	3,377.10
23 64 23 13-0015	EA	90 Ton Packaged Air Cooled Scroll Water Chiller	92,995.67	3,387.24
23 64 23 13-0016	EA	100 Ton Packaged Air Cooled Scroll Water Chiller	98,431.92	3,397.38
23 64 23 13-0017	EA	110 Ton Packaged Air Cooled Scroll Water Chiller	103,725.52	3,407.52
23 64 23 13-0018	EA	120 Ton Packaged Air Cooled Scroll Water Chiller	109,084.96	3,417.67
23 64 23 13-0019	EA	130 Ton Packaged Air Cooled Scroll Water Chiller	114,718.54	3,427.81

23 64 23 16 Water-Cooled Scroll Water Chillers *(23 64 23)*

23 64 23 16-0001 Packaged Water Cooled Scroll Water Chillers *(23 64 23 16)*

Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 23 16-0002	EA	20 Ton Packaged Water Cooled Scroll Water Chiller	27,921.43	2,000.87
23 64 23 16-0003	EA	25 Ton Packaged Water Cooled Scroll Water Chiller	32,079.12	2,061.32
23 64 23 16-0004	EA	30 Ton Packaged Water Cooled Scroll Water Chiller	35,583.17	2,262.90
23 64 23 16-0005	EA	40 Ton Packaged Water Cooled Scroll Water Chiller	43,823.50	2,910.98
23 64 23 16-0006	EA	50 Ton Packaged Water Cooled Scroll Water Chiller	48,473.48	3,190.14
23 64 23 16-0007	EA	60 Ton Packaged Water Cooled Scroll Water Chiller	50,973.95	3,524.70

23 64 26 Rotary-Screw Water Chillers *(23 64)*

23 64 26 13 Air-Cooled, Rotary-Screw Water Chillers *(23 64 26)*

23 64 26 13-0001 Packaged Air Cooled Rotary-Screw Water Chillers *(23 64 26 13)*

Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 voltage motor rating, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors. Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment.

23 64 26 13-0002	EA	70 Ton Packaged Air Cooled Rotary-Screw Water Chiller	101,981.54	3,884.18
		For Aluminum Fins Instead Of Copper, Deduct	*-1,442.41*	
		For 208/230 Voltage Motor Rating, Add	*3,846.41*	
23 64 26 13-0003	EA	80 Ton Packaged Air Cooled Rotary-Screw Water Chiller	109,598.78	4,218.84
		For Aluminum Fins Instead Of Copper, Deduct	*-1,549.21*	
		For 208/230 Voltage Motor Rating, Add	*4,131.23*	
23 64 26 13-0004	EA	90 Ton Packaged Air Cooled Rotary-Screw Water Chiller	115,292.86	4,401.39
		For Aluminum Fins Instead Of Copper, Deduct	*-1,630.36*	
		For 208/230 Voltage Motor Rating, Add	*4,347.63*	
23 64 26 13-0005	EA	100 Ton Packaged Air Cooled Rotary-Screw Water Chiller	119,532.65	4,736.06
		For Aluminum Fins Instead Of Copper, Deduct	*-1,686.50*	
		For 208/230 Voltage Motor Rating, Add	*4,497.35*	
23 64 26 13-0006	EA	110 Ton Packaged Air Cooled Rotary-Screw Water Chiller	128,299.64	4,969.31
		For Aluminum Fins Instead Of Copper, Deduct	*-1,812.84*	
		For 208/230 Voltage Motor Rating, Add	*4,834.23*	
23 64 26 13-0007	EA	120 Ton Packaged Air Cooled Rotary-Screw Water Chiller	136,366.28	5,070.73
		For Aluminum Fins Instead Of Copper, Deduct	*-1,931.40*	
		For 208/230 Voltage Motor Rating, Add	*5,150.41*	
23 64 26 13-0008	EA	130 Ton Packaged Air Cooled Rotary-Screw Water Chiller	143,963.51	5,243.13
		For Aluminum Fins Instead Of Copper, Deduct	*-2,041.56*	
		For 208/230 Voltage Motor Rating, Add	*5,444.16*	
23 64 26 13-0009	EA	140 Ton Packaged Air Cooled Rotary-Screw Water Chiller	148,574.08	5,354.69
		For Aluminum Fins Instead Of Copper, Deduct	*-2,108.13*	
		For 208/230 Voltage Motor Rating, Add	*5,621.68*	
23 64 26 13-0010	EA	160 Ton Packaged Air Cooled Rotary-Screw Water Chiller	156,909.01	5,466.24
		For Aluminum Fins Instead Of Copper, Deduct	*-2,230.57*	
		For 208/230 Voltage Motor Rating, Add	*5,948.18*	
23 64 26 13-0011	EA	170 Ton Packaged Air Cooled Rotary-Screw Water Chiller	163,793.92	5,638.65
		For Aluminum Fins Instead Of Copper, Deduct	*-2,330.04*	
		For 208/230 Voltage Motor Rating, Add	*6,213.44*	
23 64 26 13-0012	EA	180 Ton Packaged Air Cooled Rotary-Screw Water Chiller	172,731.24	5,861.76
		For Aluminum Fins Instead Of Copper, Deduct	*-2,459.08*	
		For 208/230 Voltage Motor Rating, Add	*6,557.54*	
23 64 26 13-0013	EA	200 Ton Packaged Air Cooled Rotary-Screw Water Chiller	180,574.28	5,983.46
		For Aluminum Fins Instead Of Copper, Deduct	*-2,574.14*	
		For 208/230 Voltage Motor Rating, Add	*6,864.37*	
23 64 26 13-0014	EA	215 Ton Packaged Air Cooled Rotary-Screw Water Chiller	193,607.24	6,084.87
		For Aluminum Fins Instead Of Copper, Deduct	*-2,767.20*	
		For 208/230 Voltage Motor Rating, Add	*7,379.20*	
23 64 26 13-0015	EA	225 Ton Packaged Air Cooled Rotary-Screw Water Chiller	202,268.84	6,145.72
		For Aluminum Fins Instead Of Copper, Deduct	*-2,895.91*	
		For 208/230 Voltage Motor Rating, Add	*7,722.42*	
23 64 26 13-0016	EA	240 Ton Packaged Air Cooled Rotary-Screw Water Chiller	210,930.42	6,196.43
		For Aluminum Fins Instead Of Copper, Deduct	*-3,024.61*	
		For 208/230 Voltage Motor Rating, Add	*8,065.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 26 13-0017	EA	260 Ton Packaged Air Cooled Rotary-Screw Water Chiller	236,854.35	6,318.13
		For Aluminum Fins Instead Of Copper, Deduct	*-3,410.73*	
		For 208/230 Voltage Motor Rating, Add	*9,095.29*	
23 64 26 13-0018	EA	280 Ton Packaged Air Cooled Rotary-Screw Water Chiller	249,897.46	6,439.82
		For Aluminum Fins Instead Of Copper, Deduct	*-3,603.79*	
		For 208/230 Voltage Motor Rating, Add	*9,610.12*	
23 64 26 13-0019	EA	300 Ton Packaged Air Cooled Rotary-Screw Water Chiller	267,220.65	6,541.23
		For Aluminum Fins Instead Of Copper, Deduct	*-3,861.21*	
		For 208/230 Voltage Motor Rating, Add	*10,296.55*	
23 64 26 13-0020	EA	325 Ton Packaged Air Cooled Rotary-Screw Water Chiller	293,124.29	6,652.79
		For Aluminum Fins Instead Of Copper, Deduct	*-4,247.33*	
		For 208/230 Voltage Motor Rating, Add	*11,326.21*	
23 64 26 13-0021	EA	350 Ton Packaged Air Cooled Rotary-Screw Water Chiller	319,621.55	6,733.93
		For Aluminum Fins Instead Of Copper, Deduct	*-4,642.81*	
		For 208/230 Voltage Motor Rating, Add	*12,380.83*	

23 64 26 16 Water-Cooled, Rotary-Screw Water Chillers *(23 64 26)*

23 64 26 16-0001 Packaged Water Cooled Helical Rotary Water Chillers *(23 64 26 16)*

Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.

23 64 26 16-0002	EA	70 Ton Packaged Water Cooled Helical Rotary Water Chiller	70,080.39	4,925.25
23 64 26 16-0003	EA	80 Ton Packaged Water Cooled Helical Rotary Water Chiller	76,082.31	5,116.79
23 64 26 16-0004	EA	90 Ton Packaged Water Cooled Helical Rotary Water Chiller	81,294.55	5,253.60
23 64 26 16-0005	EA	100 Ton Packaged Water Cooled Helical Rotary Water Chiller	85,825.08	5,475.23
23 64 26 16-0006	EA	110 Ton Packaged Water Cooled Helical Rotary Water Chiller	90,330.51	5,625.74
23 64 26 16-0007	EA	125 Ton Packaged Water Cooled Helical Rotary Water Chiller	95,819.38	5,783.67
23 64 26 16-0008	EA	130 Ton Packaged Water Cooled Helical Rotary Water Chiller	123,975.83	5,945.32
23 64 26 16-0009	EA	150 Ton Packaged Water Cooled Helical Rotary Water Chiller	106,432.51	6,106.22
23 64 26 16-0010	EA	175 Ton Packaged Water Cooled Helical Rotary Water Chiller	114,355.47	6,257.37
23 64 26 16-0011	EA	190 Ton Packaged Water Cooled Helical Rotary Water Chiller	118,273.70	6,570.28
23 64 26 16-0012	EA	200 Ton Packaged Water Cooled Helical Rotary Water Chiller	138,451.34	6,887.14
23 64 26 16-0013	EA	210 Ton Packaged Water Cooled Helical Rotary Water Chiller	140,327.92	7,034.57
23 64 26 16-0014	EA	235 Ton Packaged Water Cooled Helical Rotary Water Chiller	152,515.84	7,188.46
23 64 26 16-0015	EA	255 Ton Packaged Water Cooled Helical Rotary Water Chiller	162,039.85	7,517.46
23 64 26 16-0016	EA	275 Ton Packaged Water Cooled Helical Rotary Water Chiller	171,050.43	7,821.74
23 64 26 16-0017	EA	300 Ton Packaged Water Cooled Helical Rotary Water Chiller	181,539.55	8,131.59
23 64 26 16-0018	EA	350 Ton Packaged Water Cooled Helical Rotary Water Chiller	199,289.74	8,852.32
23 64 26 16-0019	EA	400 Ton Packaged Water Cooled Helical Rotary Water Chiller	213,818.51	9,736.68
23 64 26 16-0020	EA	450 Ton Packaged Water Cooled Helical Rotary Water Chiller	225,141.94	10,710.78

23 65 Cooling Towers *(23 60)*

23 65 13 Forced-Draft Cooling Towers *(23 65)*

23 65 13 16 Closed-Circuit, Forced-Draft Cooling Towers *(23 65 13)*

23 65 13 16-0001 Closed-Circuit, Forced-Draft Cooling Towers *(23 65 13 16)*

23 65 13 16-0002 Blow-Thru Centrifugal Fan Type Galvanized Cooling Towers *(23 65 13 16-0001)*

Note: Including 2-speed motor internal piping, vibration switch, basin, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out. Excludes crane and associated personnel.

23 65 13 16-0003	EA	50 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	19,530.15	1,683.48
		For Stainless Steel Cooling Tower, Add	*10,202.96*	
23 65 13 16-0004	EA	75 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	26,956.18	2,058.72
		For Stainless Steel Cooling Tower, Add	*14,329.99*	
23 65 13 16-0005	EA	100 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	33,773.31	2,586.07
		For Stainless Steel Cooling Tower, Add	*17,769.19*	
23 65 13 16-0006	EA	125 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	38,963.98	2,890.31
		For Stainless Steel Cooling Tower, Add	*20,591.52*	
23 65 13 16-0007	EA	150 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	44,538.12	3,255.41
		For Stainless Steel Cooling Tower, Add	*23,583.08*	
23 65 13 16-0008	EA	175 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	50,080.03	3,650.92
		For Stainless Steel Cooling Tower, Add	*26,530.96*	
23 65 13 16-0009	EA	200 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	56,208.41	4,066.72
		For Stainless Steel Cooling Tower, Add	*29,806.39*	
23 65 13 16-0010	EA	225 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	61,407.25	4,583.93
		For Stainless Steel Cooling Tower, Add	*32,426.73*	
23 65 13 16-0011	EA	250 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	66,887.10	5,091.01
		For Stainless Steel Cooling Tower, Add	*35,221.76*	
23 65 13 16-0012	EA	275 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	73,181.85	6,024.02
		For Stainless Steel Cooling Tower, Add	*38,104.14*	
23 65 13 16-0013	EA	300 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	79,513.63	6,673.08
		For Stainless Steel Cooling Tower, Add	*41,270.39*	
23 65 13 16-0014	EA	325 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	83,781.76	7,099.01
		For Stainless Steel Cooling Tower, Add	*43,454.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 13 16-0015	EA	350 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	88,778.06	7,514.82
		For Stainless Steel Cooling Tower, Add	*46,019.75*	
23 65 13 16-0016	EA	375 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	93,642.51	7,879.91
		For Stainless Steel Cooling Tower, Add	*48,585.50*	
23 65 13 16-0017	EA	400 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	99,224.71	8,245.00
		For Stainless Steel Cooling Tower, Add	*51,587.98*	
23 65 13 16-0018	EA	425 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	105,130.84	8,691.23
		For Stainless Steel Cooling Tower, Add	*54,699.64*	
23 65 13 16-0019	EA	450 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	111,845.68	9,137.45
		For Stainless Steel Cooling Tower, Add	*58,302.61*	
23 65 13 16-0020	EA	475 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	118,378.29	9,522.82
		For Stainless Steel Cooling Tower, Add	*61,850.99*	
23 65 13 16-0021	EA	500 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	124,921.01	9,908.19
		For Stainless Steel Cooling Tower, Add	*65,399.36*	
23 65 13 16-0022	EA	550 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	137,408.16	10,324.00
		For Stainless Steel Cooling Tower, Add	*72,496.13*	
23 65 13 16-0023	EA	600 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	150,987.09	10,729.65
		For Stainless Steel Cooling Tower, Add	*80,247.97*	
23 65 13 16-0024	EA	650 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	156,527.27	10,952.77
		For Stainless Steel Cooling Tower, Add	*83,523.40*	
23 65 13 16-0025	EA	700 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	163,159.25	11,094.75
		For Stainless Steel Cooling Tower, Add	*87,453.91*	
23 65 13 16-0026	EA	750 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	170,784.52	11,662.67
		For Stainless Steel Cooling Tower, Add	*91,493.60*	
23 65 13 16-0027	EA	800 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	179,683.57	12,230.58
		For Stainless Steel Cooling Tower, Add	*96,297.56*	
23 65 13 16-0028	EA	850 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	188,663.75	12,849.22
		For Stainless Steel Cooling Tower, Add	*101,101.52*	
23 65 13 16-0029	EA	900 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	199,099.68	13,467.85
		For Stainless Steel Cooling Tower, Add	*106,778.93*	
23 65 13 16-0030	EA	950 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	209,859.55	14,177.74
		For Stainless Steel Cooling Tower, Add	*112,565.52*	
23 65 13 16-0031	EA	1,000 Ton Centrifugal Type Cooling Tower	222,065.01	14,887.66
		For Stainless Steel Cooling Tower, Add	*119,225.56*	

23 65 14 Induced-Draft Cooling Towers *(23 65)*

23 65 14 13 Open-Circuit, Induced-Draft Counterflow Cooling Towers *(23 65 14)*

23 65 14 13-0001 Galvanized Induced Draft Axial Single Flow Propeller Type Cooling Towers
(23 65 14 13)
Note: Includes internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 13-0002	EA	10 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	9,919.62	1,135.84
		For Polymer Coating Over Galvanized Components, Add	*1,232.38*	
		For Stainless Steel Support Structure, Add	*2,464.76*	
23 65 14 13-0003	EA	20 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	11,781.20	1,227.12
		For Polymer Coating Over Galvanized Components, Add	*1,490.32*	
		For Stainless Steel Support Structure, Add	*2,980.64*	
23 65 14 13-0004	EA	30 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	14,106.06	1,379.24
		For Polymer Coating Over Galvanized Components, Add	*1,805.58*	
		For Stainless Steel Support Structure, Add	*3,611.16*	
23 65 14 13-0005	EA	40 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	15,656.48	1,521.21
		For Polymer Coating Over Galvanized Components, Add	*2,006.20*	
		For Stainless Steel Support Structure, Add	*4,012.40*	
23 65 14 13-0006	EA	50 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	18,574.81	1,683.48
		For Polymer Coating Over Galvanized Components, Add	*2,407.44*	
		For Stainless Steel Support Structure, Add	*4,814.88*	
23 65 14 13-0007	EA	60 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	21,642.22	1,815.32
		For Polymer Coating Over Galvanized Components, Add	*2,838.65*	
		For Stainless Steel Support Structure, Add	*5,677.29*	
23 65 14 13-0008	EA	75 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	24,854.45	2,058.72
		For Polymer Coating Over Galvanized Components, Add	*3,267.24*	
		For Stainless Steel Support Structure, Add	*6,534.48*	
23 65 14 13-0009	EA	100 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	30,907.31	2,586.07
		For Polymer Coating Over Galvanized Components, Add	*4,012.40*	
		For Stainless Steel Support Structure, Add	*8,024.80*	
23 65 14 13-0010	EA	125 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	33,686.90	2,890.31
		For Polymer Coating Over Galvanized Components, Add	*4,356.32*	
		For Stainless Steel Support Structure, Add	*8,712.64*	
23 65 14 13-0011	EA	150 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	51,702.50	3,255.41
		For Polymer Coating Over Galvanized Components, Add	*6,970.43*	
		For Stainless Steel Support Structure, Add	*13,940.85*	
23 65 14 13-0012	EA	200 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	62,536.36	4,066.72
		For Polymer Coating Over Galvanized Components, Add	*8,400.79*	
		For Stainless Steel Support Structure, Add	*16,801.58*	
23 65 14 13-0013	EA	300 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	80,594.15	6,673.08
		For Polymer Coating Over Galvanized Components, Add	*10,479.68*	
		For Stainless Steel Support Structure, Add	*20,959.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 13-0014		**Galvanized Induced Draft Double Flow Propeller Type Packaged Cooling Towers** *(23 65 14 13)* Note: 3 GPM/ton draft. Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.		
23 65 14 13-0015	EA	100 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	30,907.31	2,586.07
		For Polymer Coating Over Galvanized Components, Add	*4,012.40*	
		For Stainless Steel Support Structure, Add	*8,024.80*	
23 65 14 13-0016	EA	150 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	41,217.20	3,255.41
		For Polymer Coating Over Galvanized Components, Add	*5,397.63*	
		For Stainless Steel Support Structure, Add	*10,795.26*	
23 65 14 13-0017	EA	200 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	52,387.07	4,066.72
		For Polymer Coating Over Galvanized Components, Add	*6,878.40*	
		For Stainless Steel Support Structure, Add	*13,756.79*	
23 65 14 13-0018	EA	250 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	62,101.33	5,091.01
		For Polymer Coating Over Galvanized Components, Add	*8,087.58*	
		For Stainless Steel Support Structure, Add	*16,175.15*	
23 65 14 13-0019	EA	300 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	73,663.35	6,673.08
		For Polymer Coating Over Galvanized Components, Add	*9,440.06*	
		For Stainless Steel Support Structure, Add	*18,880.11*	
23 65 14 13-0020	EA	350 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	82,090.73	7,514.82
		For Polymer Coating Over Galvanized Components, Add	*10,501.84*	
		For Stainless Steel Support Structure, Add	*21,003.68*	
23 65 14 13-0021	EA	400 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	91,582.05	8,245.00
		For Polymer Coating Over Galvanized Components, Add	*11,750.60*	
		For Stainless Steel Support Structure, Add	*23,501.19*	
23 65 14 13-0022	EA	450 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	103,839.08	9,137.45
		For Polymer Coating Over Galvanized Components, Add	*13,374.66*	
		For Stainless Steel Support Structure, Add	*26,749.32*	
23 65 14 13-0023	EA	500 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	117,187.37	9,908.19
		For Polymer Coating Over Galvanized Components, Add	*15,189.80*	
		For Stainless Steel Support Structure, Add	*30,379.59*	
23 65 14 13-0024	EA	550 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	125,580.22	10,445.69
		For Polymer Coating Over Galvanized Components, Add	*16,349.84*	
		For Stainless Steel Support Structure, Add	*32,699.68*	
23 65 14 13-0025	EA	600 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	134,659.08	10,729.65
		For Polymer Coating Over Galvanized Components, Add	*17,612.79*	
		For Stainless Steel Support Structure, Add	*35,225.58*	
23 65 14 13-0026	EA	700 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	153,060.01	11,094.75
		For Polymer Coating Over Galvanized Components, Add	*20,348.59*	
		For Stainless Steel Support Structure, Add	*40,697.18*	
23 65 14 13-0027	EA	800 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	167,855.64	12,230.58
		For Polymer Coating Over Galvanized Components, Add	*22,300.20*	
		For Stainless Steel Support Structure, Add	*44,600.40*	
23 65 14 13-0028	EA	900 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	185,452.06	13,467.85
		For Polymer Coating Over Galvanized Components, Add	*24,647.59*	
		For Stainless Steel Support Structure, Add	*49,295.18*	
23 65 14 14		**Open-Circuit, Induced-Draft Crossflow Cooling Towers** *(23 65 14)*		
23 65 14 14-0001		**Galvanized Induced Draft Crossflow Film Filled Propeller Type Cooling Towers** *(23 65 14 14)* Note: Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment.		
23 65 14 14-0002	EA	10 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	8,395.67	1,135.84
		For Polymer Coating Over Galvanized Components, Add	*1,003.79*	
		For Stainless Steel Support Structure, Add	*2,007.57*	
23 65 14 14-0003	EA	15 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	9,076.54	1,156.12
		For Polymer Coating Over Galvanized Components, Add	*1,102.87*	
		For Stainless Steel Support Structure, Add	*2,205.75*	
23 65 14 14-0004	EA	20 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	9,870.65	1,257.54
		For Polymer Coating Over Galvanized Components, Add	*1,197.65*	
		For Stainless Steel Support Structure, Add	*2,395.30*	
23 65 14 14-0005	EA	25 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	11,570.29	1,318.39
		For Polymer Coating Over Galvanized Components, Add	*1,438.91*	
		For Stainless Steel Support Structure, Add	*2,877.81*	
23 65 14 14-0006	EA	30 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	13,126.31	1,379.24
		For Polymer Coating Over Galvanized Components, Add	*1,658.62*	
		For Stainless Steel Support Structure, Add	*3,317.24*	
23 65 14 14-0007	EA	35 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	14,645.17	1,450.23
		For Polymer Coating Over Galvanized Components, Add	*1,869.71*	
		For Stainless Steel Support Structure, Add	*3,739.43*	
23 65 14 14-0008	EA	40 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	16,039.01	1,521.21
		For Polymer Coating Over Galvanized Components, Add	*2,063.58*	
		For Stainless Steel Support Structure, Add	*4,127.16*	
23 65 14 14-0009	EA	45 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	17,586.60	1,602.35
		For Polymer Coating Over Galvanized Components, Add	*2,278.98*	
		For Stainless Steel Support Structure, Add	*4,557.97*	
23 65 14 14-0010	EA	50 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	19,097.04	1,683.48
		For Polymer Coating Over Galvanized Components, Add	*2,485.77*	
		For Stainless Steel Support Structure, Add	*4,971.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0011	EA	60 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	22,075.63	1,815.32
		For Polymer Coating Over Galvanized Components, Add	*2,903.66*	
		For Stainless Steel Support Structure, Add	*5,807.32*	
23 65 14 14-0012	EA	70 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	25,304.27	1,957.30
		For Polymer Coating Over Galvanized Components, Add	*3,356.01*	
		For Stainless Steel Support Structure, Add	*6,712.02*	
23 65 14 14-0013	EA	75 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	26,796.12	2,058.72
		For Polymer Coating Over Galvanized Components, Add	*3,558.49*	
		For Stainless Steel Support Structure, Add	*7,116.98*	
23 65 14 14-0014	EA	80 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	28,409.66	2,231.12
		For Polymer Coating Over Galvanized Components, Add	*3,760.97*	
		For Stainless Steel Support Structure, Add	*7,521.94*	
23 65 14 14-0015	EA	90 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	29,592.41	2,403.52
		For Polymer Coating Over Galvanized Components, Add	*3,898.83*	
		For Stainless Steel Support Structure, Add	*7,797.66*	
23 65 14 14-0016	EA	100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	31,787.26	2,586.07
		For Polymer Coating Over Galvanized Components, Add	*4,144.39*	
		For Stainless Steel Support Structure, Add	*8,288.78*	
23 65 14 14-0017	EA	125 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	33,049.50	2,890.31
		For Polymer Coating Over Galvanized Components, Add	*4,260.71*	
		For Stainless Steel Support Structure, Add	*8,521.42*	
23 65 14 14-0018	EA	150 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	38,405.34	3,255.41
		For Polymer Coating Over Galvanized Components, Add	*4,975.85*	
		For Stainless Steel Support Structure, Add	*9,951.71*	
23 65 14 14-0019	EA	175 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	42,423.15	3,650.92
		For Polymer Coating Over Galvanized Components, Add	*5,484.21*	
		For Stainless Steel Support Structure, Add	*10,968.42*	
23 65 14 14-0020	EA	200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	44,614.67	4,066.72
		For Polymer Coating Over Galvanized Components, Add	*5,712.54*	
		For Stainless Steel Support Structure, Add	*11,425.07*	
23 65 14 14-0021	EA	225 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	51,592.50	4,583.93
		For Polymer Coating Over Galvanized Components, Add	*6,634.47*	
		For Stainless Steel Support Structure, Add	*13,268.94*	
23 65 14 14-0022	EA	250 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	56,549.73	5,091.01
		For Polymer Coating Over Galvanized Components, Add	*7,254.84*	
		For Stainless Steel Support Structure, Add	*14,509.67*	
23 65 14 14-0023	EA	275 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	60,366.90	6,024.02
		For Polymer Coating Over Galvanized Components, Add	*7,603.79*	
		For Stainless Steel Support Structure, Add	*15,207.59*	
23 65 14 14-0024	EA	300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	65,097.84	6,673.08
		For Polymer Coating Over Galvanized Components, Add	*8,155.23*	
		For Stainless Steel Support Structure, Add	*16,310.46*	
23 65 14 14-0025	EA	350 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	74,431.00	7,514.82
		For Polymer Coating Over Galvanized Components, Add	*9,352.88*	
		For Stainless Steel Support Structure, Add	*18,705.76*	
23 65 14 14-0026	EA	400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	82,059.42	8,245.00
		For Polymer Coating Over Galvanized Components, Add	*10,322.20*	
		For Stainless Steel Support Structure, Add	*20,644.40*	
23 65 14 14-0027	EA	450 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	90,698.23	9,137.45
		For Polymer Coating Over Galvanized Components, Add	*11,403.53*	
		For Stainless Steel Support Structure, Add	*22,807.07*	
23 65 14 14-0028	EA	500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	98,838.59	9,908.19
		For Polymer Coating Over Galvanized Components, Add	*12,437.48*	
		For Stainless Steel Support Structure, Add	*24,874.96*	
23 65 14 14-0029	EA	600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	113,081.28	10,729.65
		For Polymer Coating Over Galvanized Components, Add	*14,376.12*	
		For Stainless Steel Support Structure, Add	*28,752.24*	
23 65 14 14-0030	EA	700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	127,058.17	11,094.75
		For Polymer Coating Over Galvanized Components, Add	*16,448.32*	
		For Stainless Steel Support Structure, Add	*32,896.63*	
23 65 14 14-0031	EA	800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	142,054.57	12,230.58
		For Polymer Coating Over Galvanized Components, Add	*18,430.04*	
		For Stainless Steel Support Structure, Add	*36,860.08*	
23 65 14 14-0032	EA	900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	156,581.38	13,467.85
		For Polymer Coating Over Galvanized Components, Add	*20,316.99*	
		For Stainless Steel Support Structure, Add	*40,633.98*	
23 65 14 14-0033	EA	1,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	170,778.85	14,887.66
		For Polymer Coating Over Galvanized Components, Add	*22,113.47*	
		For Stainless Steel Support Structure, Add	*44,226.93*	
23 65 14 14-0034	EA	1,100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	187,040.33	15,607.70
		For Polymer Coating Over Galvanized Components, Add	*24,383.83*	
		For Stainless Steel Support Structure, Add	*48,767.66*	
23 65 14 14-0035	EA	1,200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	202,724.02	16,277.03
		For Polymer Coating Over Galvanized Components, Add	*26,576.65*	
		For Stainless Steel Support Structure, Add	*53,153.31*	
23 65 14 14-0036	EA	1,300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	215,569.91	17,676.54
		For Polymer Coating Over Galvanized Components, Add	*28,174.96*	
		For Stainless Steel Support Structure, Add	*56,349.92*	
23 65 14 14-0037	EA	1,400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	227,974.97	19,177.48
		For Polymer Coating Over Galvanized Components, Add	*29,682.79*	
		For Stainless Steel Support Structure, Add	*59,365.58*	
23 65 14 14-0038	EA	1,500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	239,908.72	20,759.55
		For Polymer Coating Over Galvanized Components, Add	*31,100.16*	
		For Stainless Steel Support Structure, Add	*62,200.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0039	EA	1,600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	250,928.36	22,189.49
		For Polymer Coating Over Galvanized Components, Add	*32,418.43*	
		For Stainless Steel Support Structure, Add	*64,836.87*	
23 65 14 14-0040	EA	1,700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	261,650.81	23,822.27
		For Polymer Coating Over Galvanized Components, Add	*33,641.93*	
		For Stainless Steel Support Structure, Add	*67,283.87*	
23 65 14 14-0041	EA	1,800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	272,175.75	25,708.59
		For Polymer Coating Over Galvanized Components, Add	*34,774.96*	
		For Stainless Steel Support Structure, Add	*69,549.93*	
23 65 14 14-0042	EA	1,900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	282,030.05	27,594.89
		For Polymer Coating Over Galvanized Components, Add	*35,808.91*	
		For Stainless Steel Support Structure, Add	*71,617.81*	
23 65 14 14-0043	EA	2,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	292,356.19	30,170.82
		For Polymer Coating Over Galvanized Components, Add	*36,752.38*	
		For Stainless Steel Support Structure, Add	*73,504.76*	

23 65 14 14-0044 Induced Draft Crossflow Stainless Steel Propeller Type Cooling Towers *(23 65 14 14)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment.

23 65 14 14-0045	EA	100 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	85,995.76	2,586.07
		For Induced Draft Counter Flow Type, Add	*4,091.89*	
23 65 14 14-0046	EA	125 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	97,477.09	2,870.03
		For Induced Draft Counter Flow Type, Add	*4,641.62*	
23 65 14 14-0047	EA	150 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	106,514.73	3,255.41
		For Induced Draft Counter Flow Type, Add	*5,064.09*	
23 65 14 14-0048	EA	200 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	118,331.77	4,066.72
		For Induced Draft Counter Flow Type, Add	*5,590.03*	
23 65 14 14-0049	EA	250 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	133,948.67	5,091.01
		For Induced Draft Counter Flow Type, Add	*6,288.23*	
23 65 14 14-0050	EA	300 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	153,645.82	6,673.08
		For Induced Draft Counter Flow Type, Add	*7,145.81*	
23 65 14 14-0051	EA	350 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	167,351.71	7,514.82
		For Induced Draft Counter Flow Type, Add	*7,763.66*	
23 65 14 14-0052	EA	400 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	180,875.06	8,245.00
		For Induced Draft Counter Flow Type, Add	*8,381.52*	
23 65 14 14-0053	EA	500 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	208,699.29	9,908.19
		For Induced Draft Counter Flow Type, Add	*9,638.86*	
23 65 14 14-0054	EA	600 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	235,811.23	10,729.65
		For Induced Draft Counter Flow Type, Add	*10,928.54*	
23 65 14 14-0055	EA	750 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	292,260.97	11,662.67
		For Induced Draft Counter Flow Type, Add	*13,649.61*	
23 65 14 14-0056	EA	1,000 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	379,528.74	14,887.66
		For Induced Draft Counter Flow Type, Add	*17,808.65*	

23 65 14 16 Closed-Circuit, Induced-Draft Counterflow Cooling Towers *(23 65 14)*

23 65 14 16-0001 Stainless Steel Packaged Propeller Type Cooling Towers *(23 65 14 16)*

Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.

23 65 14 16-0002 Draw-Thru Stainless Steel Propeller Type Cooling Towers *(23 65 14 16-0001)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment.

23 65 14 16-0003	EA	50 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	36,057.28	1,683.48
23 65 14 16-0004	EA	75 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	51,301.44	2,058.72
23 65 14 16-0005	EA	100 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	60,407.53	2,586.07
23 65 14 16-0006	EA	125 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	68,486.81	2,890.31
23 65 14 16-0007	EA	150 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	75,116.45	3,255.41
23 65 14 16-0008	EA	200 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	90,048.46	4,066.72
23 65 14 16-0009	EA	250 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	105,926.74	5,091.01
23 65 14 16-0010	EA	300 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	125,465.35	6,673.08
23 65 14 16-0011	EA	350 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	137,320.25	7,514.82
23 65 14 16-0012	EA	400 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	155,732.44	8,245.00
23 65 14 16-0013	EA	500 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	180,467.40	9,908.19
23 65 14 16-0014	EA	600 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	203,804.88	10,729.65
23 65 14 16-0015	EA	750 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	252,283.59	11,662.67
23 65 14 16-0016	EA	1,000 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	321,463.75	14,725.39

23 65 14 16-0017 Belt Driven Stainless Steel Propeller Type Cooling Towers *(23 65 14 16-0001)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment.

23 65 14 16-0018	EA	100 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	62,939.79	2,586.07
23 65 14 16-0019	EA	125 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	68,092.62	2,890.31
23 65 14 16-0020	EA	150 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	73,351.15	3,255.41
23 65 14 16-0021	EA	200 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	86,710.68	4,066.72
23 65 14 16-0022	EA	250 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	95,476.35	5,091.01

23 65 14 16-0023 Fiberglass Packaged Draw-Thru Propeller Type Cooling Towers *(23 65 14 16)*

Note: Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 16-0024		EA	5 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	4,139.57	1,054.71
23 65 14 16-0025		EA	8 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	4,357.47	1,105.42
23 65 14 16-0026		EA	10 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	5,068.18	1,135.84
23 65 14 16-0027		EA	15 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	5,731.26	1,156.12
23 65 14 16-0028		EA	20 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	7,507.35	1,257.54
23 65 14 16-0029		EA	25 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	7,940.54	1,318.39
23 65 14 16-0030		EA	30 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	8,975.49	1,379.24
23 65 14 16-0031		EA	40 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	10,350.96	1,521.21
23 65 14 16-0032		EA	50 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	11,551.71	1,683.48
23 65 14 16-0033		EA	60 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	12,947.93	1,815.32
23 65 14 16-0034		EA	70 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	14,938.85	1,957.30
23 65 14 16-0035		EA	80 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	16,260.82	2,231.12
23 65 14 16-0036		EA	100 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	19,681.46	2,586.07
23 65 14 16-0037		EA	125 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	24,338.94	2,890.31
23 65 14 16-0038		EA	150 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	27,334.21	3,255.41
23 65 14 16-0039		EA	175 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	33,201.08	3,650.92
23 65 14 16-0040		EA	200 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	37,029.69	4,066.72
23 65 14 16-0041		EA	225 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	40,924.83	4,583.93
23 65 14 16-0042		EA	250 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	44,645.71	5,091.01
23 65 14 16-0043		EA	300 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	53,468.71	6,673.08
23 65 14 16-0044		EA	350 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	60,766.81	7,514.82
23 65 14 16-0045		EA	400 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	67,540.44	8,245.00
23 65 14 16-0046		EA	500 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	82,116.33	9,705.37
23 65 14 16-0047		EA	600 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	93,828.87	10,729.65
23 65 14 16-0048		EA	700 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	99,483.35	8,245.00
23 65 14 16-0049		EA	800 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	113,774.30	12,230.58
23 65 14 16-0050		EA	1,000 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	130,086.08	10,192.16

23 65 43 Cooling Tower Basins and Accessories *(23 65)*

23 65 43 00-0001 Fiberglass Cooling Tower Remote Sump Basins *(23 65 43)*

Note: Includes one inlet sleeve. Excludes cover, excavation, backfill, concrete cut and concrete patch. Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment.

23 65 43 00-0002		EA	30" Diameter x 30" Depth, 92 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,238.86
			For Anti-Flotation Flanges, Add	*115.00*
			For Perforated Basins, Add	*80.00*
23 65 43 00-0003		EA	30" Diameter x 36" Depth, 110 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,401.53
			For Anti-Flotation Flanges, Add	*115.00*
			For Perforated Basins, Add	*80.00*
23 65 43 00-0004		EA	36" Diameter x 30" Depth, 132 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,378.66
			For Anti-Flotation Flanges, Add	*253.00*
			For Perforated Basins, Add	*80.00*
23 65 43 00-0005		EA	36" Diameter x 36" Depth, 159 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,614.30
			For Anti-Flotation Flanges, Add	*253.00*
			For Perforated Basins, Add	*80.00*
23 65 43 00-0006		EA	42" Diameter x 30" Depth, 180 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,749.12
			For Anti-Flotation Flanges, Add	*276.00*
			For Perforated Basins, Add	*100.00*
23 65 43 00-0007		EA	42" Diameter x 36" Depth, 216 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,942.41
			For Anti-Flotation Flanges, Add	*276.00*
			For Perforated Basins, Add	*100.00*
23 65 43 00-0008		EA	42" Diameter x 42" Depth, 252 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,135.69
			For Anti-Flotation Flanges, Add	*276.00*
			For Perforated Basins, Add	*100.00*
23 65 43 00-0009		EA	48" Diameter x 36" Depth, 282 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,165.73
			For Anti-Flotation Flanges, Add	*294.00*
			For Perforated Basins, Add	*140.00*
23 65 43 00-0010		EA	48" Diameter x 42" Depth, 329 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,395.20
			For Anti-Flotation Flanges, Add	*294.00*
			For Perforated Basins, Add	*140.00*
23 65 43 00-0011		EA	48" Diameter x 48" Depth, 376 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,728.88
			For Anti-Flotation Flanges, Add	*294.00*
			For Perforated Basins, Add	*140.00*
23 65 43 00-0012		EA	48" Diameter x 54" Depth, 423 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	3,065.34
			For Anti-Flotation Flanges, Add	*294.00*
			For Perforated Basins, Add	*140.00*
23 65 43 00-0013		EA	48" Diameter x 60" Depth, 470 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	3,289.25
			For Anti-Flotation Flanges, Add	*294.00*
			For Perforated Basins, Add	*140.00*

23 65 43 00-0014 Cooling Tower Accessories *(23 65 43)*

23 65 43 00-0015		EA	2" Deflection Vibration Isolator, Cooling Tower Accessory (M.M. Sausse RMLS-SB-EQ)	34,099.60
23 65 43 00-0016		EA	3" Deflection Vibration Isolator, Cooling Tower Accessory (M.M. Sausse RMLS-SB-EQ)	39,856.00

23 70 Central HVAC Equipment *(23)*

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner. Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 71 Thermal Storage *(23 70)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 71 13		**Thermal Heat Storage** *(23 71)*		
23 71 13 23		**Pressurized-Water Thermal Storage Tanks** *(23 71 13)*		
23 71 13 23-0001		Nickelshield Storage Tanks *(23 71 13 23)*		
23 71 13 23-0002	EA	325 Gallon Nickelshield Storage Tank	28,664.57	192.08
23 71 13 23-0003	EA	490 Gallon Nickelshield Storage Tank	40,003.46	254.67
23 71 13 23-0004	EA	605 Gallon Nickelshield Storage Tank	45,795.33	308.03
23 71 13 23-0005	EA	740 Gallon Nickelshield Storage Tank	54,218.92	385.03
23 71 13 23-0006	EA	940 Gallon Nickelshield Storage Tank	63,069.44	511.84
23 71 13 23-0007	EA	1,505 Gallon Nickelshield Storage Tank	81,470.04	770.17
23 71 13 23-0008	EA	1,615 Gallon Nickelshield Storage Tank	92,001.13	867.46
23 71 13 23-0009	EA	2,275 Gallon Nickelshield Storage Tank	126,348.96	1,152.21
23 71 13 23-0010	EA	3,815 Gallon Nickelshield Storage Tank	163,511.10	1,339.49
23 72		**Air-To-Air Energy Recovery Equipment** *(23 70)*		
23 72 13		**Heat-Wheel Air-To-Air Energy-Recovery Equipment** *(23 72)*		
23 72 13 00-0001		Enthalpy Recovery Wheel *(23 72 13)*		
23 72 13 00-0002	EA	Up To 1,000 CFM Enthalpy Recovery Wheel	10,091.01	723.17
23 72 13 00-0003	EA	>1,000 To 2,000 CFM Enthalpy Recovery Wheel	11,195.23	868.02
23 72 13 00-0004	EA	>2,000 To 4,000 CFM Enthalpy Recovery Wheel	14,009.01	1,085.02
23 72 13 00-0005	EA	>4,000 To 6,000 CFM Enthalpy Recovery Wheel	16,385.57	1,239.63
23 72 13 00-0006	EA	>6,000 To 8,000 CFM Enthalpy Recovery Wheel	18,137.94	1,302.03
23 72 13 00-0007	EA	>8,000 To 10,000 CFM Enthalpy Recovery Wheel	22,059.69	1,446.87
23 72 13 00-0008	EA	>10,000 To 15,000 CFM Enthalpy Recovery Wheel	29,346.37	1,519.03
23 72 13 00-0009	EA	>15,000 To 20,000 CFM Enthalpy Recovery Wheel	36,580.84	1,627.53
23 72 13 00-0010	EA	>20,000 To 25,000 CFM Enthalpy Recovery Wheel	44,311.64	1,859.73
23 72 13 00-0011	EA	>25,000 To 30,000 CFM Enthalpy Recovery Wheel	49,625.87	2,387.04
23 72 13 00-0012	EA	>30,000 To 40,000 CFM Enthalpy Recovery Wheel	66,561.75	2,712.55
23 72 13 00-0013	EA	>40,000 To 50,000 CFM Enthalpy Recovery Wheel	79,167.33	3,255.06
23 72 16		**Heat-Pipe Air-To-Air Energy-Recovery Equipment** *(23 72)*		
23 72 16 00-0001		Glycol Heat Pipe Type, 50 Percent Efficient *(23 72 16)*		
23 72 16 00-0002	EA	100 MBH, 1,700 CFM Glycol Heat Recovery Unit	18,274.98	542.51
23 72 16 00-0003	EA	160 MBH, 2,700 CFM Glycol Heat Recovery Unit	28,748.40	723.38
23 72 16 00-0004	EA	620 MBH, 4,000 CFM Glycol Heat Recovery Unit	42,617.02	1,085.02
23 73		**Indoor Central-Station Air-Handling Units** *(23 70)*		
23 73 13		**Modular Indoor Central-Station Air-Handling Units** *(23 73)*		

Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters.

23 73 13 00-0001		Single Zone Units *(23 73 13)*		
		Note: Horizontal/vertical draw-thru fan, motor and cabinet.		
23 73 13 00-0002	EA	300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	2,513.74	552.86
		For Flat Filter Box And Throwaway Filters, Add	*211.88*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*400.07*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*596.16*	
		For Manual Roll Filter, Add	*1,027.14*	
		For Automatic Roll Filter, Add	*1,113.34*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*509.96*	
		For Electric Heating Coil, Add	*854.75*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*854.75*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*768.55*	
		For Steam Heating Coil, Aluminum Fins, Add	*682.36*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*556.67*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,027.14*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*940.95*	
		For Hot Water Heating Coil, Copper Fins, Add	*682.36*	
		For Variable Air Volume, Add	*241.35*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,192.87*	
		For 2 Coils, Independent Circuits, Add	*285.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0003	EA	500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	3,997.03	663.43
		For Flat Filter Box And Throwaway Filters, Add	*352.35*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*676.30*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,009.71*	
		For Manual Roll Filter, Add	*1,772.22*	
		For Automatic Roll Filter, Add	*1,924.72*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*857.21*	
		For Electric Heating Coil, Add	*1,467.21*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,467.21*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,314.71*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,162.21*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*962.36*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,772.22*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,619.72*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,162.21*	
		For Variable Air Volume, Add	*427.00*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,302.90*	
		For 2 Coils, Independent Circuits, Add	*460.70*	
23 73 13 00-0004	EA	800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,522.99	712.50
		For Flat Filter Box And Throwaway Filters, Add	*401.41*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*772.29*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,153.34*	
		For Manual Roll Filter, Add	*2,029.64*	
		For Automatic Roll Filter, Add	*2,204.90*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*978.08*	
		For Electric Heating Coil, Add	*1,679.12*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,679.12*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,503.86*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,328.60*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,102.45*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,029.64*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,854.38*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,328.60*	
		For Variable Air Volume, Add	*490.73*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,352.45*	
		For 2 Coils, Independent Circuits, Add	*522.40*	
23 73 13 00-0005	EA	1,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,108.04	765.61
		For Flat Filter Box And Throwaway Filters, Add	*456.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*879.40*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,313.63*	
		For Manual Roll Filter, Add	*2,317.16*	
		For Automatic Roll Filter, Add	*2,517.87*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,112.92*	
		For Electric Heating Coil, Add	*1,915.75*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,915.75*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,715.04*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,514.34*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,258.93*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,317.16*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,116.46*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,514.34*	
		For Variable Air Volume, Add	*561.98*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,405.74*	
		For 2 Coils, Independent Circuits, Add	*591.09*	
23 73 13 00-0006	EA	1,200 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,798.72	823.66
		For Flat Filter Box And Throwaway Filters, Add	*521.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,006.96*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,504.56*	
		For Manual Roll Filter, Add	*2,660.41*	
		For Automatic Roll Filter, Add	*2,891.58*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,273.39*	
		For Electric Heating Coil, Add	*2,198.07*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,198.07*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,966.90*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,735.73*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,445.79*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,660.41*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,429.24*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,735.73*	
		For Variable Air Volume, Add	*647.28*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,462.71*	
		For 2 Coils, Independent Circuits, Add	*672.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0007	EA	1,400 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	6,604.72	885.17
		For Flat Filter Box And Throwaway Filters, Add	*597.25*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,156.56*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,728.52*	
		For Manual Roll Filter, Add	*3,063.58*	
		For Automatic Roll Filter, Add	*3,330.59*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,461.51*	
		For Electric Heating Coil, Add	*2,529.55*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,529.55*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,262.54*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,995.53*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,665.29*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,063.58*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,796.56*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,995.53*	
		For Variable Air Volume, Add	*747.63*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,525.14*	
		For 2 Coils, Independent Circuits, Add	*767.28*	
23 73 13 00-0008	EA	1,600 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,234.42	951.61
		For Flat Filter Box And Throwaway Filters, Add	*655.61*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,270.53*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,899.01*	
		For Manual Roll Filter, Add	*3,368.47*	
		For Automatic Roll Filter, Add	*3,662.36*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,605.12*	
		For Electric Heating Coil, Add	*2,780.69*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,780.69*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,486.79*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,192.90*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,831.18*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,368.47*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,074.58*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,192.90*	
		For Variable Air Volume, Add	*822.90*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,589.61*	
		For 2 Coils, Independent Circuits, Add	*841.00*	
23 73 13 00-0009	EA	1,800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,916.06	1,025.55
		For Flat Filter Box And Throwaway Filters, Add	*718.37*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,392.79*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,081.86*	
		For Manual Roll Filter, Add	*3,694.69*	
		For Automatic Roll Filter, Add	*4,017.25*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,759.30*	
		For Electric Heating Coil, Add	*3,049.56*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,049.56*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,726.99*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,404.43*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,008.63*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,694.69*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,372.12*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,404.43*	
		For Variable Air Volume, Add	*903.18*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,555.62*	
		For 2 Coils, Independent Circuits, Add	*920.63*	
23 73 13 00-0010	EA	2,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,667.23	1,099.50
		For Flat Filter Box And Throwaway Filters, Add	*788.18*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,529.24*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,286.01*	
		For Manual Roll Filter, Add	*4,060.11*	
		For Automatic Roll Filter, Add	*4,414.93*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,931.19*	
		For Electric Heating Coil, Add	*3,350.47*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,350.47*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,995.65*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,640.83*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,207.47*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,060.11*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,705.29*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,640.83*	
		For Variable Air Volume, Add	*993.50*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,613.95*	
		For 2 Coils, Independent Circuits, Add	*1,008.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0011	EA	2,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	9,358.19	1,181.84
		For Flat Filter Box And Throwaway Filters, Add	*851.40*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,652.16*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,469.79*	
		For Manual Roll Filter, Add	*4,387.26*	
		For Automatic Roll Filter, Add	*4,770.75*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,086.30*	
		For Electric Heating Coil, Add	*3,620.27*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,620.27*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,236.78*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,853.28*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,385.37*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,387.26*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,003.76*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,853.28*	
		For Variable Air Volume, Add	*1,073.78*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,678.58*	
		For 2 Coils, Independent Circuits, Add	*1,089.22*	
23 73 13 00-0012	EA	2,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,095.62	1,271.68
		For Flat Filter Box And Throwaway Filters, Add	*918.74*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,782.98*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,665.39*	
		For Manual Roll Filter, Add	*4,735.18*	
		For Automatic Roll Filter, Add	*5,149.14*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,251.43*	
		For Electric Heating Coil, Add	*3,907.26*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,907.26*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,493.31*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,079.35*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,574.57*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,735.18*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,321.22*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,079.35*	
		For Variable Air Volume, Add	*1,159.08*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,749.06*	
		For 2 Coils, Independent Circuits, Add	*1,175.15*	
23 73 13 00-0013	EA	3,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,743.87	1,471.99
		For Flat Filter Box And Throwaway Filters, Add	*1,069.25*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,075.41*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,102.61*	
		For Manual Roll Filter, Add	*5,512.88*	
		For Automatic Roll Filter, Add	*5,994.93*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,620.55*	
		For Electric Heating Coil, Add	*4,548.77*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,548.77*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,066.71*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,584.66*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,997.47*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,512.88*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,030.82*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,584.66*	
		For Variable Air Volume, Add	*1,349.75*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,906.53*	
		For 2 Coils, Independent Circuits, Add	*1,367.21*	
23 73 13 00-0014	EA	3,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	12,295.79	1,581.87
		For Flat Filter Box And Throwaway Filters, Add	*1,116.56*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,165.30*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,236.65*	
		For Manual Roll Filter, Add	*5,745.48*	
		For Automatic Roll Filter, Add	*6,247.25*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,734.88*	
		For Electric Heating Coil, Add	*4,741.95*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,741.95*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,240.18*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,738.41*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,123.62*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,745.48*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,243.72*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,738.41*	
		For Variable Air Volume, Add	*1,404.95*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,993.25*	
		For 2 Coils, Independent Circuits, Add	*1,430.29*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0015	EA	3,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	12,858.25	1,700.04
		For Flat Filter Box And Throwaway Filters, Add	*1,164.39*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,255.92*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,371.74*	
		For Manual Roll Filter, Add	*5,979.14*	
		For Automatic Roll Filter, Add	*6,500.62*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,850.26*	
		For Electric Heating Coil, Add	*4,936.18*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,936.18*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,414.70*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,893.22*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,250.31*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,979.14*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,457.66*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,893.22*	
		For Variable Air Volume, Add	*1,460.14*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,085.77*	
		For 2 Coils, Independent Circuits, Add	*1,494.42*	
23 73 13 00-0016	EA	4,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,094.44	1,962.65
		For Flat Filter Box And Throwaway Filters, Add	*1,269.21*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,454.28*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,667.39*	
		For Manual Roll Filter, Add	*6,489.83*	
		For Automatic Roll Filter, Add	*7,054.32*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,102.91*	
		For Electric Heating Coil, Add	*5,360.86*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,360.86*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,796.37*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,231.88*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,527.16*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,489.83*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,925.34*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,231.88*	
		For Variable Air Volume, Add	*1,580.57*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,061.88*	
		For 2 Coils, Independent Circuits, Add	*1,635.24*	
23 73 13 00-0017	EA	4,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,094.44	1,962.65
		For Flat Filter Box And Throwaway Filters, Add	*1,269.21*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,454.28*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,667.39*	
		For Manual Roll Filter, Add	*6,489.83*	
		For Automatic Roll Filter, Add	*7,054.32*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,102.91*	
		For Electric Heating Coil, Add	*5,360.86*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,360.86*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,796.37*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,231.88*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,527.16*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,489.83*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,925.34*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,231.88*	
		For Variable Air Volume, Add	*1,580.57*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,061.88*	
		For 2 Coils, Independent Circuits, Add	*1,635.24*	
23 73 13 00-0018	EA	5,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	15,442.66	2,254.29
		For Flat Filter Box And Throwaway Filters, Add	*1,383.21*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,669.80*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,988.59*	
		For Manual Roll Filter, Add	*7,043.99*	
		For Automatic Roll Filter, Add	*7,655.07*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,377.51*	
		For Electric Heating Coil, Add	*5,821.83*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,821.83*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,210.75*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,599.67*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,827.54*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,043.99*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,432.91*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,599.67*	
		For Variable Air Volume, Add	*1,711.03*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,228.42*	
		For 2 Coils, Independent Circuits, Add	*1,788.70*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0019	EA	5,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	16,218.06	2,445.72
		For Flat Filter Box And Throwaway Filters, Add	*1,447.07*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,789.30*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,166.48*	
		For Manual Roll Filter, Add	*7,347.32*	
		For Automatic Roll Filter, Add	*7,983.49*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,530.31*	
		For Electric Heating Coil, Add	*6,074.99*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,074.99*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,438.82*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,802.65*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,991.75*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,347.32*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,711.15*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,802.65*	
		For Variable Air Volume, Add	*1,781.27*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,337.88*	
		For 2 Coils, Independent Circuits, Add	*1,876.27*	
23 73 13 00-0020	EA	6,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	16,978.95	2,627.47
		For Flat Filter Box And Throwaway Filters, Add	*1,510.20*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,907.79*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,342.92*	
		For Manual Roll Filter, Add	*7,649.21*	
		For Automatic Roll Filter, Add	*8,310.47*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,681.67*	
		For Electric Heating Coil, Add	*6,326.69*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,326.69*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,665.44*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,004.18*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,155.23*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,649.21*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,987.95*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,004.18*	
		For Variable Air Volume, Add	*1,851.52*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,441.52*	
		For 2 Coils, Independent Circuits, Add	*1,962.40*	
23 73 13 00-0021	EA	6,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	17,744.22	2,812.68
		For Flat Filter Box And Throwaway Filters, Add	*1,573.56*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,026.59*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,519.80*	
		For Manual Roll Filter, Add	*7,951.53*	
		For Automatic Roll Filter, Add	*8,637.88*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,833.46*	
		For Electric Heating Coil, Add	*6,578.84*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,578.84*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,892.50*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,206.15*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,318.94*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,951.53*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,265.19*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,206.15*	
		For Variable Air Volume, Add	*1,921.77*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,546.92*	
		For 2 Coils, Independent Circuits, Add	*2,048.96*	
23 73 13 00-0022	EA	7,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	18,625.67	3,027.61
		For Flat Filter Box And Throwaway Filters, Add	*1,646.30*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,162.84*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,722.64*	
		For Manual Roll Filter, Add	*8,297.73*	
		For Automatic Roll Filter, Add	*9,012.75*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,007.62*	
		For Electric Heating Coil, Add	*6,867.69*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,867.69*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,152.68*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,437.66*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,506.37*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,297.73*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,582.71*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,437.66*	
		For Variable Air Volume, Add	*2,002.05*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,670.12*	
		For 2 Coils, Independent Circuits, Add	*2,148.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0023	EA	7,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	19,519.69	3,243.91
		For Flat Filter Box And Throwaway Filters, Add	*1,719.67*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,299.97*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,926.73*	
		For Manual Roll Filter, Add	*8,645.18*	
		For Automatic Roll Filter, Add	*9,388.87*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,183.04*	
		For Electric Heating Coil, Add	*7,157.80*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,157.80*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,414.11*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,670.42*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,694.43*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,645.18*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,901.49*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,670.42*	
		For Variable Air Volume, Add	*2,082.33*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,573.77*	
		For 2 Coils, Independent Circuits, Add	*2,249.45*	
23 73 13 00-0024	EA	8,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	20,439.67	3,493.29
		For Flat Filter Box And Throwaway Filters, Add	*1,794.35*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,438.92*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,133.42*	
		For Manual Roll Filter, Add	*8,995.23*	
		For Automatic Roll Filter, Add	*9,767.59*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,361.05*	
		For Electric Heating Coil, Add	*7,450.50*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,450.50*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,678.14*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,905.78*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,883.80*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,995.23*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,222.87*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,905.78*	
		For Variable Air Volume, Add	*2,162.62*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,677.73*	
		For 2 Coils, Independent Circuits, Add	*2,352.91*	
23 73 13 00-0025	EA	9,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	21,487.20	3,784.33
		For Flat Filter Box And Throwaway Filters, Add	*1,878.98*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,596.11*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,367.20*	
		For Manual Roll Filter, Add	*9,390.29*	
		For Automatic Roll Filter, Add	*10,194.91*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,562.58*	
		For Electric Heating Coil, Add	*7,781.05*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,781.05*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,976.43*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,171.82*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,097.46*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,390.29*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,585.67*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,171.82*	
		For Variable Air Volume, Add	*2,252.93*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,798.45*	
		For 2 Coils, Independent Circuits, Add	*2,470.57*	
23 73 13 00-0026	EA	10,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	22,510.91	4,040.43
		For Flat Filter Box And Throwaway Filters, Add	*1,962.42*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,751.64*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,598.59*	
		For Manual Roll Filter, Add	*9,782.97*	
		For Automatic Roll Filter, Add	*10,619.85*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,761.72*	
		For Electric Heating Coil, Add	*8,109.22*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,109.22*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,272.34*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,435.47*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,309.92*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,782.97*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,946.10*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,435.47*	
		For Variable Air Volume, Add	*2,343.25*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,912.02*	
		For 2 Coils, Independent Circuits, Add	*2,585.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0027	EA	11,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	22,629.89	3,912.18
		For Flat Filter Box And Throwaway Filters, Add	*1,984.50*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,801.90*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,675.00*	
		For Manual Roll Filter, Add	*9,940.02*	
		For Automatic Roll Filter, Add	*10,793.02*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,822.00*	
		For Electric Heating Coil, Add	*8,234.01*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,234.01*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,381.01*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,528.01*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,396.51*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,940.02*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,087.02*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,528.01*	
		For Variable Air Volume, Add	*2,388.41*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,850.95*	
		For 2 Coils, Independent Circuits, Add	*2,604.19*	
23 73 13 00-0028	EA	12,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	23,582.03	4,340.45
		For Flat Filter Box And Throwaway Filters, Add	*2,048.23*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,910.49*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,834.73*	
		For Manual Roll Filter, Add	*10,180.39*	
		For Automatic Roll Filter, Add	*11,049.52*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,965.60*	
		For Electric Heating Coil, Add	*8,442.13*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,442.13*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,573.00*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,703.86*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,524.76*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,180.39*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,311.26*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,703.86*	
		For Variable Air Volume, Add	*2,433.57*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,039.82*	
		For 2 Coils, Independent Circuits, Add	*2,705.86*	
23 73 13 00-0029	EA	13,700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	24,843.16	4,514.81
		For Flat Filter Box And Throwaway Filters, Add	*2,163.26*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,133.88*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,168.72*	
		For Manual Roll Filter, Add	*10,774.22*	
		For Automatic Roll Filter, Add	*11,695.32*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,247.62*	
		For Electric Heating Coil, Add	*8,932.02*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,932.02*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,010.92*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,089.82*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,847.66*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,774.22*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,853.12*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,089.82*	
		For Variable Air Volume, Add	*2,579.08*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,684.23*	
		For 2 Coils, Independent Circuits, Add	*2,852.76*	
23 73 13 00-0030	EA	15,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	26,165.98	4,689.65
		For Flat Filter Box And Throwaway Filters, Add	*2,281.37*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,361.60*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,508.88*	
		For Manual Roll Filter, Add	*11,374.22*	
		For Automatic Roll Filter, Add	*12,347.29*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,535.81*	
		For Electric Heating Coil, Add	*9,428.08*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,428.08*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,455.02*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,481.95*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,173.65*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,374.22*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,401.15*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,481.95*	
		For Variable Air Volume, Add	*2,724.59*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,740.92*	
		For 2 Coils, Independent Circuits, Add	*3,005.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0031	EA	16,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	27,574.91	4,870.02
		For Flat Filter Box And Throwaway Filters, Add	*2,410.95*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,613.98*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,886.32*	
		For Manual Roll Filter, Add	*12,047.35*	
		For Automatic Roll Filter, Add	*13,079.55*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,854.11*	
		For Electric Heating Coil, Add	*9,982.93*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,982.93*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,950.73*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,918.52*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,539.78*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,047.35*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,015.14*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,918.52*	
		For Variable Air Volume, Add	*2,890.18*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,786.16*	
		For 2 Coils, Independent Circuits, Add	*3,170.37*	
23 73 13 00-0032	EA	17,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	29,038.92	5,050.59
		For Flat Filter Box And Throwaway Filters, Add	*2,543.29*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,870.22*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,269.26*	
		For Manual Roll Filter, Add	*12,725.98*	
		For Automatic Roll Filter, Add	*13,817.32*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,177.92*	
		For Electric Heating Coil, Add	*10,543.29*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,543.29*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,451.95*	
		For Steam Heating Coil, Aluminum Fins, Add	*8,360.61*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,908.66*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,725.98*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,634.64*	
		For Hot Water Heating Coil, Copper Fins, Add	*8,360.61*	
		For Variable Air Volume, Add	*3,055.76*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,842.41*	
		For 2 Coils, Independent Circuits, Add	*3,340.43*	
23 73 13 00-0033	EA	20,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	32,398.04	5,414.58
		For Flat Filter Box And Throwaway Filters, Add	*2,852.82*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,473.44*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,404.37*	
		For Manual Roll Filter, Add	*13,596.27*	
		For Automatic Roll Filter, Add	*14,336.02*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,705.63*	
		For Electric Heating Coil, Add	*6,198.80*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,637.28*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,404.37*	
		For Steam Heating Coil, Aluminum Fins, Add	*8,171.46*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*6,551.55*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,103.11*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,870.20*	
		For Hot Water Heating Coil, Copper Fins, Add	*9,404.37*	
		For Variable Air Volume, Add	*3,452.16*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,089.46*	
		For 2 Coils, Independent Circuits, Add	*3,732.97*	
23 73 13 00-0034	EA	22,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	35,963.73	5,835.45
		For Flat Filter Box And Throwaway Filters, Add	*3,178.05*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,105.09*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*10,495.67*	
		For Manual Roll Filter, Add	*15,187.19*	
		For Automatic Roll Filter, Add	*16,015.10*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,356.09*	
		For Electric Heating Coil, Add	*6,908.03*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,875.53*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,495.67*	
		For Steam Heating Coil, Aluminum Fins, Add	*9,115.81*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*7,317.62*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,635.25*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*13,255.39*	
		For Hot Water Heating Coil, Copper Fins, Add	*10,495.67*	
		For Variable Air Volume, Add	*3,863.61*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,199.15*	
		For 2 Coils, Independent Circuits, Add	*4,148.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0035	EA	25,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	39,869.24	6,252.56
		For Flat Filter Box And Throwaway Filters, Add	*3,539.98*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,811.79*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*11,719.51*	
		For Manual Roll Filter, Add	*16,977.67*	
		For Automatic Roll Filter, Add	*17,905.58*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,079.96*	
		For Electric Heating Coil, Add	*7,698.56*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,266.03*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,719.51*	
		For Steam Heating Coil, Aluminum Fins, Add	*10,172.99*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*8,179.53*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*16,359.06*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*14,812.54*	
		For Hot Water Heating Coil, Copper Fins, Add	*11,719.51*	
		For Variable Air Volume, Add	*4,330.25*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,299.31*	
		For 2 Coils, Independent Circuits, Add	*4,605.53*	
23 73 13 00-0036	EA	27,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	49,183.99	6,733.85
		For Flat Filter Box And Throwaway Filters, Add	*4,437.59*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,586.71*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*14,810.37*	
		For Manual Roll Filter, Add	*21,536.92*	
		For Automatic Roll Filter, Add	*22,723.95*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,875.19*	
		For Electric Heating Coil, Add	*9,666.55*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*16,788.77*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*14,810.37*	
		For Steam Heating Coil, Aluminum Fins, Add	*12,831.98*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*10,372.78*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*20,745.56*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*18,767.16*	
		For Hot Water Heating Coil, Copper Fins, Add	*14,810.37*	
		For Variable Air Volume, Add	*5,539.51*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,417.82*	
		For 2 Coils, Independent Circuits, Add	*5,709.76*	
23 73 13 00-0037	EA	30,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	54,989.05	7,187.39
		For Flat Filter Box And Throwaway Filters, Add	*4,985.90*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,663.99*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*16,681.14*	
		For Manual Roll Filter, Add	*24,285.06*	
		For Automatic Roll Filter, Add	*25,626.92*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,971.80*	
		For Electric Heating Coil, Add	*10,866.38*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*18,917.58*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,681.14*	
		For Steam Heating Coil, Aluminum Fins, Add	*14,444.69*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*11,695.24*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*23,390.48*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*21,154.03*	
		For Hot Water Heating Coil, Copper Fins, Add	*16,681.14*	
		For Variable Air Volume, Add	*6,262.05*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,304.02*	
		For 2 Coils, Independent Circuits, Add	*6,393.48*	
23 73 13 00-0038	EA	32,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	60,260.30	7,739.76
		For Flat Filter Box And Throwaway Filters, Add	*5,473.46*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,615.39*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*18,328.28*	
		For Manual Roll Filter, Add	*26,693.81*	
		For Automatic Roll Filter, Add	*28,170.08*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,946.93*	
		For Electric Heating Coil, Add	*11,931.11*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*20,788.73*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*18,328.28*	
		For Steam Heating Coil, Aluminum Fins, Add	*15,867.83*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*12,854.81*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*25,709.63*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*23,249.18*	
		For Hot Water Heating Coil, Copper Fins, Add	*18,328.28*	
		For Variable Air Volume, Add	*6,889.26*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,422.70*	
		For 2 Coils, Independent Circuits, Add	*7,010.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0039	EA	35,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	66,126.30	9,204.73
		For Flat Filter Box And Throwaway Filters, Add	*6,012.27*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,664.33*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*20,142.42*	
		For Manual Roll Filter, Add	*29,342.67*	
		For Automatic Roll Filter, Add	*30,966.24*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,024.54*	
		For Electric Heating Coil, Add	*13,106.93*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*22,848.37*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*20,142.42*	
		For Steam Heating Coil, Aluminum Fins, Add	*17,436.46*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*14,130.14*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*28,260.29*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*25,554.33*	
		For Hot Water Heating Coil, Copper Fins, Add	*20,142.42*	
		For Variable Air Volume, Add	*7,576.68*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,566.07*	
		For 2 Coils, Independent Circuits, Add	*7,695.01*	
23 73 13 00-0040	EA	37,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	71,185.47	8,914.98
		For Flat Filter Box And Throwaway Filters, Add	*6,482.07*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,582.24*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*21,732.51*	
		For Manual Roll Filter, Add	*31,670.00*	
		For Automatic Roll Filter, Add	*33,423.68*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,964.13*	
		For Electric Heating Coil, Add	*14,133.25*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*24,655.30*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*21,732.51*	
		For Steam Heating Coil, Aluminum Fins, Add	*18,809.72*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*15,250.44*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*30,500.88*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*27,578.09*	
		For Hot Water Heating Coil, Copper Fins, Add	*21,732.51*	
		For Variable Air Volume, Add	*8,183.82*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,674.44*	
		For 2 Coils, Independent Circuits, Add	*8,287.66*	
23 73 13 00-0041	EA	40,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	76,784.80	9,536.86
		For Flat Filter Box And Throwaway Filters, Add	*6,995.00*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,579.90*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*23,457.26*	
		For Manual Roll Filter, Add	*34,186.82*	
		For Automatic Roll Filter, Add	*36,080.28*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,989.99*	
		For Electric Heating Coil, Add	*15,252.29*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*26,613.01*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*23,457.26*	
		For Steam Heating Coil, Aluminum Fins, Add	*20,301.50*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*16,462.26*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*32,924.52*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*29,768.77*	
		For Hot Water Heating Coil, Copper Fins, Add	*23,457.26*	
		For Variable Air Volume, Add	*8,836.11*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,538.71*	
		For 2 Coils, Independent Circuits, Add	*8,940.78*	
23 73 13 00-0042	EA	45,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	82,879.36	10,297.14
		For Flat Filter Box And Throwaway Filters, Add	*7,552.40*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*14,663.47*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*25,330.09*	
		For Manual Roll Filter, Add	*36,918.75*	
		For Automatic Roll Filter, Add	*38,963.81*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,104.80*	
		For Electric Heating Coil, Add	*16,468.17*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*28,738.52*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*25,330.09*	
		For Steam Heating Coil, Aluminum Fins, Add	*21,921.66*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*17,777.69*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*35,555.38*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*32,146.95*	
		For Hot Water Heating Coil, Copper Fins, Add	*25,330.09*	
		For Variable Air Volume, Add	*9,543.61*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,668.84*	
		For 2 Coils, Independent Circuits, Add	*9,651.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0043	EA	47,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	86,336.57	10,780.79
		For Flat Filter Box And Throwaway Filters, Add	*7,865.04*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*15,268.90*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*26,374.70*	
		For Manual Roll Filter, Add	*38,438.61*	
		For Automatic Roll Filter, Add	*40,567.53*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,730.07*	
		For Electric Heating Coil, Add	*17,149.36*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*29,922.91*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*26,374.70*	
		For Steam Heating Coil, Aluminum Fins, Add	*22,826.49*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*18,509.66*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*37,019.33*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*33,471.12*	
		For Hot Water Heating Coil, Copper Fins, Add	*26,374.70*	
		For Variable Air Volume, Add	*9,934.98*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,751.55*	
		For 2 Coils, Independent Circuits, Add	*10,052.94*	
23 73 13 00-0044	EA	50,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	89,597.12	11,195.44
		For Flat Filter Box And Throwaway Filters, Add	*8,160.67*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*15,841.93*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*27,363.80*	
		For Manual Roll Filter, Add	*39,878.59*	
		For Automatic Roll Filter, Add	*42,087.08*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*16,321.35*	
		For Electric Heating Coil, Add	*17,793.68*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*31,044.62*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*27,363.80*	
		For Steam Heating Coil, Aluminum Fins, Add	*23,682.99*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*19,203.13*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*38,406.26*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*34,725.44*	
		For Hot Water Heating Coil, Copper Fins, Add	*27,363.80*	
		For Variable Air Volume, Add	*10,306.29*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,827.59*	
		For 2 Coils, Independent Circuits, Add	*10,432.04*	
23 73 13 00-0045	EA	55,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	96,617.11	11,955.63
		For Flat Filter Box And Throwaway Filters, Add	*8,807.36*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*17,102.10*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*29,544.22*	
		For Manual Roll Filter, Add	*43,064.33*	
		For Automatic Roll Filter, Add	*45,450.23*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*17,614.72*	
		For Electric Heating Coil, Add	*19,205.32*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*33,520.73*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*29,544.22*	
		For Steam Heating Coil, Aluminum Fins, Add	*25,567.72*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*20,736.87*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*41,473.73*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*37,497.23*	
		For Hot Water Heating Coil, Copper Fins, Add	*29,544.22*	
		For Variable Air Volume, Add	*11,134.21*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,965.88*	
		For 2 Coils, Independent Circuits, Add	*11,252.31*	
23 73 13 00-0046	EA	60,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	105,733.22	12,784.91
		For Flat Filter Box And Throwaway Filters, Add	*9,659.20*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*18,769.93*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*32,436.02*	
		For Manual Roll Filter, Add	*47,302.65*	
		For Automatic Roll Filter, Add	*49,926.18*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*19,318.40*	
		For Electric Heating Coil, Add	*21,067.42*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*36,808.56*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*32,436.02*	
		For Steam Heating Coil, Aluminum Fins, Add	*28,063.48*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*22,776.82*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*45,553.64*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*41,181.10*	
		For Hot Water Heating Coil, Copper Fins, Add	*32,436.02*	
		For Variable Air Volume, Add	*12,243.11*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,728.24*	
		For 2 Coils, Independent Circuits, Add	*12,322.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0047	EA	65,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	115,940.91	13,821.53
		For Flat Filter Box And Throwaway Filters, Add	*10,606.84*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*20,621.33*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*35,643.06*	
		For Manual Roll Filter, Add	*51,996.36*	
		For Automatic Roll Filter, Add	*54,882.23*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*21,213.68*	
		For Electric Heating Coil, Add	*23,137.60*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*40,452.85*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*35,643.06*	
		For Steam Heating Coil, Aluminum Fins, Add	*30,833.27*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*25,036.22*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*50,072.44*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*45,262.65*	
		For Hot Water Heating Coil, Copper Fins, Add	*35,643.06*	
		For Variable Air Volume, Add	*13,467.42*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,874.50*	
		For 2 Coils, Independent Circuits, Add	*13,518.01*	
23 73 13 00-0048	EA	70,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	127,298.94	14,996.36
		For Flat Filter Box And Throwaway Filters, Add	*11,656.80*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*22,669.73*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*39,189.14*	
		For Manual Roll Filter, Add	*57,181.42*	
		For Automatic Roll Filter, Add	*60,356.53*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*23,313.59*	
		For Electric Heating Coil, Add	*25,430.33*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*44,480.99*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*39,189.14*	
		For Steam Heating Coil, Aluminum Fins, Add	*33,897.29*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*27,532.34*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*55,064.68*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*49,772.83*	
		For Hot Water Heating Coil, Copper Fins, Add	*39,189.14*	
		For Variable Air Volume, Add	*14,817.18*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,046.20*	
		For 2 Coils, Independent Circuits, Add	*14,846.63*	

23 73 13 00-0049 Multi-Zone Units *(23 73 13)*

Note: Horizontal/vertical blow-thru fan, motor and cabinet.

23 73 13 00-0050	EA	1,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	7,510.91	1,243.74
		For Economizer, Panel, Controls And Damper(s), Add	*1,883.50*	
		For Flat Filter Box And Throwaway Filters, Add	*662.27*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,271.25*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,611.26*	
		For Manual Roll Filter, Add	*3,331.61*	
		For Automatic Roll Filter, Add	*3,331.61*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*751.09*	
		For Electric Heating Coil, Add	*865.78*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,758.16*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,758.16*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,331.61*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,331.61*	
		For 2 Coils, Independent Circuits, Add	*865.78*	
23 73 13 00-0051	EA	1,200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	9,358.31	1,558.18
		For Economizer, Panel, Controls And Damper(s), Add	*2,198.24*	
		For Flat Filter Box And Throwaway Filters, Add	*824.53*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,582.28*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,005.67*	
		For Manual Roll Filter, Add	*4,145.35*	
		For Automatic Roll Filter, Add	*4,145.35*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*935.83*	
		For Electric Heating Coil, Add	*1,078.48*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,432.12*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,432.12*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,145.35*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,145.35*	
		For 2 Coils, Independent Circuits, Add	*1,078.48*	
23 73 13 00-0052	EA	1,600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	11,615.78	1,658.38
		For Economizer, Panel, Controls And Damper(s), Add	*2,298.25*	
		For Flat Filter Box And Throwaway Filters, Add	*1,043.13*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,015.20*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,548.61*	
		For Manual Roll Filter, Add	*5,322.66*	
		For Automatic Roll Filter, Add	*5,322.66*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,161.58*	
		For Electric Heating Coil, Add	*1,346.52*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,397.98*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,397.98*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,322.66*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,322.66*	
		For 2 Coils, Independent Circuits, Add	*1,346.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0053	EA	2,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	12,069.86	1,775.87
		For Economizer, Panel, Controls And Damper(s), Add	*2,415.40*	
		For Flat Filter Box And Throwaway Filters, Add	*1,080.17*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,084.25*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,637.02*	
		For Manual Roll Filter, Add	*5,497.09*	
		For Automatic Roll Filter, Add	*5,497.09*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,206.99*	
		For Electric Heating Coil, Add	*1,397.66*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,543.74*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,543.74*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,497.09*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,497.09*	
		For 2 Coils, Independent Circuits, Add	*1,397.66*	
23 73 13 00-0054	EA	2,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	14,152.82	1,903.71
		For Economizer, Panel, Controls And Damper(s), Add	*2,543.79*	
		For Flat Filter Box And Throwaway Filters, Add	*1,279.30*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,477.00*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,130.25*	
		For Manual Roll Filter, Add	*6,560.19*	
		For Automatic Roll Filter, Add	*6,560.19*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,415.28*	
		For Electric Heating Coil, Add	*1,643.94*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,416.87*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,416.87*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,560.19*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,560.19*	
		For 2 Coils, Independent Circuits, Add	*1,643.94*	
23 73 13 00-0055	EA	3,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	14,918.81	2,038.68
		For Economizer, Panel, Controls And Damper(s), Add	*2,678.58*	
		For Flat Filter Box And Throwaway Filters, Add	*1,346.27*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,605.17*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,292.87*	
		For Manual Roll Filter, Add	*6,894.83*	
		For Automatic Roll Filter, Add	*6,894.83*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,491.88*	
		For Electric Heating Coil, Add	*1,732.01*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,694.18*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,694.18*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,894.83*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,894.83*	
		For 2 Coils, Independent Circuits, Add	*1,732.01*	
23 73 13 00-0056	EA	3,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	15,725.31	2,176.79
		For Economizer, Panel, Controls And Damper(s), Add	*2,816.62*	
		For Flat Filter Box And Throwaway Filters, Add	*1,417.06*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,740.83*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,464.91*	
		For Manual Roll Filter, Add	*7,249.66*	
		For Automatic Roll Filter, Add	*7,249.66*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,572.53*	
		For Electric Heating Coil, Add	*1,824.85*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,988.08*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,988.08*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,249.66*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,249.66*	
		For 2 Coils, Independent Circuits, Add	*1,824.85*	
23 73 13 00-0057	EA	4,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	17,558.36	2,335.84
		For Economizer, Panel, Controls And Damper(s), Add	*2,581.33*	
		For Flat Filter Box And Throwaway Filters, Add	*1,589.35*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,078.81*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,890.14*	
		For Manual Roll Filter, Add	*8,158.74*	
		For Automatic Roll Filter, Add	*8,158.74*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,755.84*	
		For Electric Heating Coil, Add	*2,040.41*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,735.87*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,735.87*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,158.74*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,158.74*	
		For 2 Coils, Independent Circuits, Add	*2,040.41*	
23 73 13 00-0058	EA	4,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	19,200.22	2,501.50
		For Economizer, Panel, Controls And Damper(s), Add	*2,715.57*	
		For Flat Filter Box And Throwaway Filters, Add	*1,741.33*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,375.45*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,263.99*	
		For Manual Roll Filter, Add	*8,951.92*	
		For Automatic Roll Filter, Add	*8,951.92*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,920.02*	
		For Electric Heating Coil, Add	*2,232.55*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,389.28*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,389.28*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,951.92*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,951.92*	
		For 2 Coils, Independent Circuits, Add	*2,232.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0059	EA	5,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	20,294.74	2,671.70
		For Economizer, Panel, Controls And Damper(s), Add	*2,844.46*	
		For Flat Filter Box And Throwaway Filters, Add	*1,839.07*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,563.89*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,502.47*	
		For Manual Roll Filter, Add	*9,448.46*	
		For Automatic Roll Filter, Add	*9,448.46*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,029.47*	
		For Electric Heating Coil, Add	*2,359.21*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,799.79*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,799.79*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,448.46*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,448.46*	
		For 2 Coils, Independent Circuits, Add	*2,359.21*	
23 73 13 00-0060	EA	5,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	22,394.05	2,854.34
		For Economizer, Panel, Controls And Damper(s), Add	*2,993.76*	
		For Flat Filter Box And Throwaway Filters, Add	*2,035.43*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,948.47*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,986.58*	
		For Manual Roll Filter, Add	*10,480.93*	
		For Automatic Roll Filter, Add	*10,480.93*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,239.41*	
		For Electric Heating Coil, Add	*2,605.69*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,649.48*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,649.48*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,480.93*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,480.93*	
		For 2 Coils, Independent Circuits, Add	*2,605.69*	
23 73 13 00-0061	EA	6,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	23,824.93	3,054.75
		For Economizer, Panel, Controls And Damper(s), Add	*3,149.95*	
		For Flat Filter Box And Throwaway Filters, Add	*2,164.32*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,197.73*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,301.70*	
		For Manual Roll Filter, Add	*11,140.12*	
		For Automatic Roll Filter, Add	*11,140.12*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,382.49*	
		For Electric Heating Coil, Add	*2,771.72*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,193.98*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,193.98*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,140.12*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,140.12*	
		For 2 Coils, Independent Circuits, Add	*2,771.72*	
23 73 13 00-0062	EA	6,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	26,131.79	3,317.17
		For Economizer, Panel, Controls And Damper(s), Add	*3,354.26*	
		For Flat Filter Box And Throwaway Filters, Add	*2,376.43*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,610.81*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,822.69*	
		For Manual Roll Filter, Add	*12,241.73*	
		For Automatic Roll Filter, Add	*12,241.73*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,613.18*	
		For Electric Heating Coil, Add	*3,041.11*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,102.05*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,102.05*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,241.73*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,241.73*	
		For 2 Coils, Independent Circuits, Add	*3,041.11*	
23 73 13 00-0063	EA	7,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	28,075.83	3,572.96
		For Economizer, Panel, Controls And Damper(s), Add	*3,556.14*	
		For Flat Filter Box And Throwaway Filters, Add	*2,552.48*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,951.90*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,253.65*	
		For Manual Roll Filter, Add	*13,145.77*	
		For Automatic Roll Filter, Add	*13,145.77*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,807.58*	
		For Electric Heating Coil, Add	*3,267.06*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,848.40*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,848.40*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,145.77*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*13,145.77*	
		For 2 Coils, Independent Circuits, Add	*3,267.06*	
23 73 13 00-0064	EA	7,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	29,449.13	3,863.12
		For Economizer, Panel, Controls And Damper(s), Add	*3,143.07*	
		For Flat Filter Box And Throwaway Filters, Add	*2,669.53*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,173.83*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,536.13*	
		For Manual Roll Filter, Add	*13,718.57*	
		For Automatic Roll Filter, Add	*13,718.57*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,944.91*	
		For Electric Heating Coil, Add	*3,423.74*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,324.42*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,324.42*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,718.57*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*13,718.57*	
		For 2 Coils, Independent Circuits, Add	*3,423.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0065	EA	8,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	32,693.28	4,166.99
		For Economizer, Panel, Controls And Damper(s), Add	*3,322.51*	
		For Flat Filter Box And Throwaway Filters, Add	*2,971.51*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,764.34*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,279.88*	
		For Manual Roll Filter, Add	*15,300.98*	
		For Automatic Roll Filter, Add	*15,300.98*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,269.33*	
		For Electric Heating Coil, Add	*3,804.07*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*12,627.28*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*12,627.28*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*15,300.98*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*15,300.98*	
		For 2 Coils, Independent Circuits, Add	*3,804.07*	
23 73 13 00-0066	EA	8,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	34,412.57	4,491.80
		For Economizer, Panel, Controls And Damper(s), Add	*3,508.46*	
		For Flat Filter Box And Throwaway Filters, Add	*3,120.20*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,047.76*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,639.97*	
		For Manual Roll Filter, Add	*16,037.40*	
		For Automatic Roll Filter, Add	*16,037.40*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,441.26*	
		For Electric Heating Coil, Add	*4,001.09*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,238.25*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*13,238.25*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*16,037.40*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*16,037.40*	
		For 2 Coils, Independent Circuits, Add	*4,001.09*	
23 73 13 00-0067	EA	9,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	36,317.29	4,865.18
		For Economizer, Panel, Controls And Damper(s), Add	*3,711.24*	
		For Flat Filter Box And Throwaway Filters, Add	*3,285.32*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,362.81*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,040.11*	
		For Manual Roll Filter, Add	*16,856.87*	
		For Automatic Roll Filter, Add	*16,856.87*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,631.73*	
		For Electric Heating Coil, Add	*4,219.51*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,917.95*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*13,917.95*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*16,856.87*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*16,856.87*	
		For 2 Coils, Independent Circuits, Add	*4,219.51*	
23 73 13 00-0068	EA	10,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	38,366.28	5,251.88
		For Economizer, Panel, Controls And Damper(s), Add	*3,432.29*	
		For Flat Filter Box And Throwaway Filters, Add	*3,461.25*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,697.27*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,465.43*	
		For Manual Roll Filter, Add	*17,723.03*	
		For Automatic Roll Filter, Add	*17,723.03*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,836.63*	
		For Electric Heating Coil, Add	*4,453.80*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*14,637.16*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*14,637.16*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*17,723.03*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*17,723.03*	
		For 2 Coils, Independent Circuits, Add	*4,453.80*	
23 73 13 00-0069	EA	11,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	39,437.02	5,452.59
		For Economizer, Panel, Controls And Damper(s), Add	*3,522.34*	
		For Flat Filter Box And Throwaway Filters, Add	*3,553.31*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,872.39*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,688.09*	
		For Manual Roll Filter, Add	*18,176.86*	
		For Automatic Roll Filter, Add	*18,176.86*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,943.70*	
		For Electric Heating Coil, Add	*4,576.29*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*15,013.93*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*15,013.93*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*18,176.86*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*18,176.86*	
		For 2 Coils, Independent Circuits, Add	*4,576.29*	
23 73 13 00-0070	EA	12,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	40,462.66	5,647.18
		For Economizer, Panel, Controls And Damper(s), Add	*3,598.86*	
		For Flat Filter Box And Throwaway Filters, Add	*3,643.12*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,044.36*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,906.24*	
		For Manual Roll Filter, Add	*18,626.18*	
		For Automatic Roll Filter, Add	*18,626.18*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,046.27*	
		For Electric Heating Coil, Add	*4,694.26*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*15,386.20*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*15,386.20*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*18,626.18*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*18,626.18*	
		For 2 Coils, Independent Circuits, Add	*4,694.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0071	EA	13,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	45,831.55	5,874.15
		For Economizer, Panel, Controls And Damper(s), Add	*3,082.82*	
		For Flat Filter Box And Throwaway Filters, Add	*4,162.45*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,072.48*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*10,195.78*	
		For Manual Roll Filter, Add	*21,421.02*	
		For Automatic Roll Filter, Add	*21,421.02*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,583.16*	
		For Electric Heating Coil, Add	*5,331.50*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*17,679.27*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*17,679.27*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*21,421.02*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*21,421.02*	
		For 2 Coils, Independent Circuits, Add	*5,331.50*	
23 73 13 00-0072	EA	15,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	51,163.30	6,106.85
		For Economizer, Panel, Controls And Damper(s), Add	*3,262.43*	
		For Flat Filter Box And Throwaway Filters, Add	*4,679.92*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,098.00*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*11,481.60*	
		For Manual Roll Filter, Add	*24,212.14*	
		For Automatic Roll Filter, Add	*24,212.14*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,116.33*	
		For Electric Heating Coil, Add	*5,965.03*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*19,968.63*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*19,968.63*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*24,212.14*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*24,212.14*	
		For 2 Coils, Independent Circuits, Add	*5,965.03*	
23 73 13 00-0073	EA	16,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	58,956.02	6,337.17
		For Economizer, Panel, Controls And Damper(s), Add	*3,318.42*	
		For Flat Filter Box And Throwaway Filters, Add	*5,443.20*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,614.95*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*13,381.78*	
		For Manual Roll Filter, Add	*28,354.15*	
		For Automatic Roll Filter, Add	*28,354.15*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,895.60*	
		For Electric Heating Coil, Add	*6,893.76*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*23,363.36*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*23,363.36*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*28,354.15*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*28,354.15*	
		For 2 Coils, Independent Circuits, Add	*6,893.76*	
23 73 13 00-0074	EA	17,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	66,753.27	6,565.23
		For Economizer, Panel, Controls And Damper(s), Add	*3,375.21*	
		For Flat Filter Box And Throwaway Filters, Add	*6,206.69*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,132.21*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*15,282.42*	
		For Manual Roll Filter, Add	*32,496.61*	
		For Automatic Roll Filter, Add	*32,496.61*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,675.33*	
		For Electric Heating Coil, Add	*7,822.94*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*26,758.54*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*26,758.54*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*32,496.61*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*32,496.61*	
		For 2 Coils, Independent Circuits, Add	*7,822.94*	
23 73 13 00-0075	EA	20,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	75,001.68	7,118.09
		For Economizer, Panel, Controls And Damper(s), Add	*3,514.09*	
		For Flat Filter Box And Throwaway Filters, Add	*6,991.86*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,436.95*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*17,225.49*	
		For Manual Roll Filter, Add	*26,950.80*	
		For Automatic Roll Filter, Add	*33,434.35*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,500.17*	
		For Electric Heating Coil, Add	*8,796.88*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*26,950.80*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*26,950.80*	
		For Steam Heating Coil, Aluminum Fins, Add	*13,983.71*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*33,434.35*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*33,434.35*	
		For 2 Coils, Independent Circuits, Add	*8,796.88*	
23 73 13 00-0076	EA	22,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	80,885.56	7,740.05
		For Economizer, Panel, Controls And Damper(s), Add	*3,414.49*	
		For Flat Filter Box And Throwaway Filters, Add	*7,538.73*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,253.11*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*18,571.90*	
		For Manual Roll Filter, Add	*29,055.24*	
		For Automatic Roll Filter, Add	*36,044.14*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,088.56*	
		For Electric Heating Coil, Add	*9,486.34*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*29,055.24*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*29,055.24*	
		For Steam Heating Coil, Aluminum Fins, Add	*15,077.45*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*36,044.14*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*36,044.14*	
		For 2 Coils, Independent Circuits, Add	*9,486.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0077	EA	25,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	96,669.51	8,361.72
		For Economizer, Panel, Controls And Damper(s), Add	*3,556.39*	
		For Flat Filter Box And Throwaway Filters, Add	*9,069.82*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,545.02*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*22,375.99*	
		For Manual Roll Filter, Add	*35,085.03*	
		For Automatic Roll Filter, Add	*43,557.72*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,666.95*	
		For Electric Heating Coil, Add	*11,361.49*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*35,085.03*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*35,085.03*	
		For Steam Heating Coil, Aluminum Fins, Add	*18,139.64*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*43,557.72*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*43,557.72*	
		For 2 Coils, Independent Circuits, Add	*11,361.49*	
23 73 13 00-0078	EA	27,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	109,361.40	9,053.10
		For Economizer, Panel, Controls And Damper(s), Add	*3,702.20*	
		For Flat Filter Box And Throwaway Filters, Add	*10,290.41*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*15,371.04*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*25,403.15*	
		For Manual Roll Filter, Add	*39,870.17*	
		For Automatic Roll Filter, Add	*49,514.84*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,936.14*	
		For Electric Heating Coil, Add	*12,865.08*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*39,870.17*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*39,870.17*	
		For Steam Heating Coil, Aluminum Fins, Add	*20,580.82*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*49,514.84*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*49,514.84*	
		For 2 Coils, Independent Circuits, Add	*12,865.08*	
23 73 13 00-0079	EA	30,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	118,545.16	9,744.47
		For Economizer, Panel, Controls And Damper(s), Add	*3,854.02*	
		For Flat Filter Box And Throwaway Filters, Add	*11,158.18*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*16,667.63*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*27,547.27*	
		For Manual Roll Filter, Add	*43,240.03*	
		For Automatic Roll Filter, Add	*53,701.87*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*11,854.52*	
		For Electric Heating Coil, Add	*13,946.88*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*43,240.03*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*43,240.03*	
		For Steam Heating Coil, Aluminum Fins, Add	*22,316.36*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*53,701.87*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*53,701.87*	
		For 2 Coils, Independent Circuits, Add	*13,946.88*	
23 73 13 00-0080	EA	32,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	132,396.56	11,402.47
		For Economizer, Panel, Controls And Damper(s), Add	*3,864.17*	
		For Flat Filter Box And Throwaway Filters, Add	*12,425.99*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*18,557.61*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*30,658.13*	
		For Manual Roll Filter, Add	*48,076.61*	
		For Automatic Roll Filter, Add	*59,688.93*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,239.66*	
		For Electric Heating Coil, Add	*15,562.12*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*48,076.61*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*48,076.61*	
		For Steam Heating Coil, Aluminum Fins, Add	*24,851.98*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*59,688.93*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*59,688.93*	
		For 2 Coils, Independent Circuits, Add	*15,562.12*	
23 73 13 00-0081	EA	35,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	133,005.20	11,817.41
		For Economizer, Panel, Controls And Damper(s), Add	*3,940.25*	
		For Flat Filter Box And Throwaway Filters, Add	*12,456.42*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*18,600.22*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*30,719.00*	
		For Manual Roll Filter, Add	*48,137.48*	
		For Automatic Roll Filter, Add	*59,749.80*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,300.52*	
		For Electric Heating Coil, Add	*15,622.98*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*48,137.48*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*48,137.48*	
		For Steam Heating Coil, Aluminum Fins, Add	*24,912.84*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*59,749.80*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*59,749.80*	
		For 2 Coils, Independent Circuits, Add	*15,622.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0082	EA	37,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	139,133.28	12,231.67
		For Economizer, Panel, Controls And Damper(s), Add	*4,016.33*	
		For Flat Filter Box And Throwaway Filters, Add	*13,038.80*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*19,470.74*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*32,159.72*	
		For Manual Roll Filter, Add	*50,406.11*	
		For Automatic Roll Filter, Add	*62,570.38*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,913.33*	
		For Electric Heating Coil, Add	*16,346.18*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*50,406.11*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*50,406.11*	
		For Steam Heating Coil, Aluminum Fins, Add	*26,077.59*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*62,570.38*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*62,570.38*	
		For 2 Coils, Independent Circuits, Add	*16,346.18*	
23 73 13 00-0083	EA	40,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	145,513.06	13,130.46
		For Economizer, Panel, Controls And Damper(s), Add	*4,173.16*	
		For Flat Filter Box And Throwaway Filters, Add	*13,614.04*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*20,327.34*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*33,566.48*	
		For Manual Roll Filter, Add	*52,581.65*	
		For Automatic Roll Filter, Add	*65,258.43*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,551.31*	
		For Electric Heating Coil, Add	*17,086.66*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*52,581.65*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*52,581.65*	
		For Steam Heating Coil, Aluminum Fins, Add	*27,228.09*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*65,258.43*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*65,258.43*	
		For 2 Coils, Independent Circuits, Add	*17,086.66*	
23 73 13 00-0084	EA	45,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	156,890.91	13,821.53
		For Economizer, Panel, Controls And Damper(s), Add	*4,287.21*	
		For Flat Filter Box And Throwaway Filters, Add	*14,706.21*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*21,961.02*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*36,274.08*	
		For Manual Roll Filter, Add	*56,859.06*	
		For Automatic Roll Filter, Add	*70,582.38*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,689.09*	
		For Electric Heating Coil, Add	*18,433.76*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*56,859.06*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*56,859.06*	
		For Steam Heating Coil, Aluminum Fins, Add	*29,412.41*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*70,582.38*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*70,582.38*	
		For 2 Coils, Independent Circuits, Add	*18,433.76*	
23 73 13 00-0085	EA	50,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	168,699.49	14,581.71
		For Economizer, Panel, Controls And Damper(s), Add	*3,985.75*	
		For Flat Filter Box And Throwaway Filters, Add	*15,827.08*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*23,636.33*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*39,046.25*	
		For Manual Roll Filter, Add	*61,222.56*	
		For Automatic Roll Filter, Add	*76,006.76*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*16,869.95*	
		For Electric Heating Coil, Add	*19,826.79*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*61,222.56*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*61,222.56*	
		For Steam Heating Coil, Aluminum Fins, Add	*31,654.15*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*76,006.76*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*76,006.76*	
		For 2 Coils, Independent Circuits, Add	*19,826.79*	
23 73 13 00-0086	EA	55,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	181,772.07	15,480.12
		For Economizer, Panel, Controls And Damper(s), Add	*4,110.27*	
		For Flat Filter Box And Throwaway Filters, Add	*17,072.07*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*25,497.60*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*42,127.61*	
		For Manual Roll Filter, Add	*66,078.02*	
		For Automatic Roll Filter, Add	*82,044.96*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*18,177.21*	
		For Electric Heating Coil, Add	*21,370.59*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*66,078.02*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*66,078.02*	
		For Steam Heating Coil, Aluminum Fins, Add	*34,144.15*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*82,044.96*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*82,044.96*	
		For 2 Coils, Independent Circuits, Add	*21,370.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0087	EA	60,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	195,130.96	15,894.76
		For Economizer, Panel, Controls And Damper(s), Add	*4,166.65*	
		For Flat Filter Box And Throwaway Filters, Add	*18,379.77*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*27,456.32*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*45,382.76*	
		For Manual Roll Filter, Add	*71,252.43*	
		For Automatic Roll Filter, Add	*88,498.87*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*19,513.10*	
		For Electric Heating Coil, Add	*22,962.38*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*71,252.43*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*71,252.43*	
		For Steam Heating Coil, Aluminum Fins, Add	*36,759.54*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*88,498.87*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*88,498.87*	
		For 2 Coils, Independent Circuits, Add	*22,962.38*	
23 73 13 00-0088		Return/Supply Air Fan *(23 73 13)*		
		Note: Includes vibration mounts.		
23 73 13 00-0089	EA	300 CFM Return Air Fan	3,316.96	552.76
23 73 13 00-0090	EA	500 CFM Return Air Fan	4,314.89	663.33
23 73 13 00-0091	EA	750 CFM Return Air Fan	4,507.59	690.98
23 73 13 00-0092	EA	1,000 CFM Return Air Fan	5,159.54	732.44
23 73 13 00-0093	EA	1,250 CFM Return Air Fan	5,313.46	766.99
23 73 13 00-0094	EA	1,500 CFM Return Air Fan	5,432.42	801.55
23 73 13 00-0095	EA	1,750 CFM Return Air Fan	5,700.92	843.02
23 73 13 00-0096	EA	2,000 CFM Return Air Fan	6,352.85	884.48
23 73 13 00-0097	EA	2,250 CFM Return Air Fan	6,656.12	925.94
23 73 13 00-0098	EA	2,500 CFM Return Air Fan	6,819.96	967.41
23 73 13 00-0099	EA	3,000 CFM Return Air Fan	7,211.77	1,071.07
23 73 13 00-0100	EA	3,500 CFM Return Air Fan	7,395.53	1,126.36
23 73 13 00-0101	EA	4,000 CFM Return Air Fan	7,569.16	1,174.74
23 73 13 00-0102	EA	4,500 CFM Return Air Fan	7,787.77	1,230.11
23 73 13 00-0103	EA	5,000 CFM Return Air Fan	7,981.08	1,292.31
23 73 13 00-0104	EA	5,500 CFM Return Air Fan	8,337.54	1,444.35
23 73 13 00-0105	EA	6,000 CFM Return Air Fan	9,454.56	1,713.87
23 73 13 00-0106	EA	6,500 CFM Return Air Fan	9,703.81	1,741.52
23 73 13 00-0107	EA	7,000 CFM Return Air Fan	9,817.83	1,748.42
23 73 13 00-0108	EA	8,000 CFM Return Air Fan	10,345.95	1,776.07
23 73 13 00-0109	EA	9,000 CFM Return Air Fan	10,581.47	1,796.80
23 73 13 00-0110	EA	10,000 CFM Return Air Fan	11,136.77	1,866.20
23 73 13 00-0111	EA	12,500 CFM Return Air Fan	11,881.57	1,900.36
23 73 13 00-0112	EA	15,000 CFM Return Air Fan	13,459.12	1,954.36
23 73 13 00-0113	EA	17,500 CFM Return Air Fan	14,689.54	2,059.31
23 73 13 00-0114	EA	20,000 CFM Return Air Fan	17,536.55	2,148.95
23 73 13 00-0115	EA	22,500 CFM Return Air Fan	18,382.47	2,223.89
23 73 13 00-0116	EA	25,000 CFM Return Air Fan	19,228.28	2,287.46
23 73 13 00-0117	EA	27,500 CFM Return Air Fan	20,359.64	2,515.52
23 73 13 00-0118	EA	30,000 CFM Return Air Fan	21,776.20	2,653.53
23 73 13 00-0119	EA	35,000 CFM Return Air Fan	24,619.38	2,764.01
23 73 13 00-0120	EA	40,000 CFM Return Air Fan	29,058.17	3,040.44
23 73 13 00-0121	EA	45,000 CFM Return Air Fan	35,819.82	3,455.09
23 73 13 00-0122	EA	50,000 CFM Return Air Fan	43,737.18	3,579.78
23 73 13 00-0123	EA	55,000 CFM Return Air Fan	45,797.36	3,683.15
23 73 13 00-0124	EA	60,000 CFM Return Air Fan	46,847.52	3,779.89
23 73 13 00-0125	EA	65,000 CFM Return Air Fan	49,135.29	3,945.65
23 73 13 00-0126	EA	70,000 CFM Return Air Fan	51,609.60	4,139.94
23 73 13 00-0127	EA	75,000 CFM Return Air Fan	55,532.21	4,343.02
23 73 13 00-0128	EA	80,000 CFM Return Air Fan	57,987.46	4,573.25
23 73 13 00-0129	EA	90,000 CFM Return Air Fan	59,852.08	4,833.69
23 73 13 00-0130	EA	100,000 CFM Return Air Fan	64,385.35	5,054.93
23 73 13 00-0131	EA	115,000 CFM Return Air Fan	69,297.41	5,296.70
23 73 13 00-0132	EA	130,000 CFM Return Air Fan	74,627.69	5,563.56
23 73 13 00-0133	EA	150,000 CFM Return Air Fan	81,706.28	5,859.94
23 73 13 00-0134		Removal And Reinstallation Of Air Handling Unit *(23 73 13)*		
		Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.		
23 73 13 00-0135	EA	Removal And Reinstallation Of Up To 11,500 CFM Air Handling Unit	2,531.41	
23 73 13 00-0136	EA	Removal And Reinstallation Of >11,500 To 16,500 CFM Air Handling Unit	3,433.92	
23 73 13 00-0137	EA	Removal And Reinstallation Of >16,500 To 22,000 CFM Air Handling Unit	4,271.77	
23 73 13 00-0138	EA	Removal And Reinstallation Of >22,000 CFM Air Handling Unit	7,794.10	

23 74 Packaged Outdoor HVAC Equipment *(23 70)*

23 74 16 Packaged Rooftop Air-Conditioning Units *(23 74)*

23 74 16 13 Packaged, Large-Capacity, Rooftop Air-Conditioning Units *(23 74 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0001		**Electric Cooling, Electric Heat, Self Contained Packaged Rooftop Air-Conditioning Units** *(23 74 16 13)* Note: Electric heating capacity is approximately 1/2 the cooling capacity. Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment, 26 28 16 16-0001 for disconnects.		
23 74 16 13-0002	EA	2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	4,903.75	1,673.34
		For Unit Without Heat, Deduct	*-356.74*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,055.47*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0003	EA	3 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	6,340.93	1,749.40
		For Unit Without Heat, Deduct	*-433.67*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,055.47*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0004	EA	4 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	7,396.62	1,825.46
		For Unit Without Heat, Deduct	*-491.53*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,055.47*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0005	EA	5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	8,789.41	1,939.56
		For Unit Without Heat, Deduct	*-568.77*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,055.47*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0006	EA	6 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	9,570.07	2,053.64
		For Unit Without Heat, Deduct	*-615.41*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,055.47*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0007	EA	7.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	10,715.69	2,205.77
		For Unit Without Heat, Deduct	*-682.84*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,077.30*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0008	EA	8.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	11,496.35	2,319.85
		For Unit Without Heat, Deduct	*-729.47*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,077.30*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0009	EA	10 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	12,641.98	2,471.98
		For Unit Without Heat, Deduct	*-796.90*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,101.70*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0010	EA	12.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	15,285.69	2,671.26
		For Unit Without Heat, Deduct	*-942.39*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,189.83*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0011	EA	15 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	17,929.39	2,871.30
		For Unit Without Heat, Deduct	*-1,087.89*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0012	EA	17.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	20,491.11	3,070.83
		For Unit Without Heat, Deduct	*-1,229.29*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0013	EA	20 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	23,052.84	3,270.62
		For Unit Without Heat, Deduct	*-1,370.68*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0014	EA	22.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	25,846.69	3,603.25
		For Unit Without Heat, Deduct	*-1,532.56*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0015	EA	25 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	28,640.54	3,936.15
		For Unit Without Heat, Deduct	*-1,694.44*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0016	EA	27.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	31,539.75	4,307.08
		For Unit Without Heat, Deduct	*-1,864.12*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-1,280.21*	
23 74 16 13-0017	EA	30 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	34,438.98	4,677.74
		For Unit Without Heat, Deduct	*-2,033.80*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-1,280.21*	
23 74 16 13-0018	EA	35 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	40,124.15	5,457.37
		For Unit Without Heat, Deduct	*-2,370.03*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-1,280.21*	
23 74 16 13-0019	EA	40 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	45,809.32	6,237.00
		For Unit Without Heat, Deduct	*-2,706.27*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-1,949.05*	
23 74 16 13-0020	EA	45 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	50,372.09	7,035.64
		For Unit Without Heat, Deduct	*-2,987.65*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-1,949.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0021	EA	50 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	54,934.86	7,834.28
		For Unit Without Heat, Deduct	*-3,269.03*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-1,949.05*	
23 74 16 13-0022	EA	55 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	60,485.38	8,594.88
		For Unit Without Heat, Deduct	*-3,597.26*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-2,424.88*	
23 74 16 13-0023	EA	60 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	66,035.89	9,355.49
		For Unit Without Heat, Deduct	*-3,925.49*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-2,424.88*	
23 74 16 13-0024	EA	65 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	71,422.43	10,116.10
		For Unit Without Heat, Deduct	*-4,245.53*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-2,241.42*	
23 74 16 13-0025	EA	70 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	76,808.98	10,876.71
		For Unit Without Heat, Deduct	*-4,565.56*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-2,241.42*	
23 74 16 13-0026	EA	75 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	82,296.93	11,713.38
		For Unit Without Heat, Deduct	*-4,895.74*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-2,494.12*	

23 74 16 13-0027 Electric Cooling, Gas Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment, 26 28 16 16-0001 for Disconnects.

23 74 16 13-0028	EA	2 Ton Electric Cooling, 50 MBH Gas Heating, Self Contained Package Rooftop Unit	4,821.51	1,521.21
		For Unit Without Factory Installed Economizer, Deduct	*-1,055.47*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0029	EA	3 Ton Electric Cooling, 60 To 80 MBH Gas Heating, Self Contained Package Rooftop Unit	5,496.72	1,749.40
		For Unit Without Factory Installed Economizer, Deduct	*-1,055.47*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0030	EA	4 Ton Electric Cooling, 80 To 110 MBH Gas Heating, Self Contained Package Rooftop Unit	6,779.11	2,015.61
		For Unit Without Factory Installed Economizer, Deduct	*-1,055.47*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0031	EA	5 Ton Electric Cooling, 100 To 120 MBH Gas Heating, Self Contained Package Rooftop Unit	7,772.98	2,167.74
		For Unit Without Factory Installed Economizer, Deduct	*-1,055.47*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0032	EA	6 Ton Electric Cooling, 140 MBH Gas Heating, Self Contained Package Rooftop Unit	8,710.38	2,338.88
		For Unit Without Factory Installed Economizer, Deduct	*-1,055.47*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0033	EA	7.5 Ton Electric Cooling, 150 To 180 MBH Gas Heating, Self Contained Package Rooftop Unit	9,517.17	2,452.96
		For Unit Without Factory Installed Economizer, Deduct	*-1,077.30*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0034	EA	8.5 Ton Electric Cooling, 170 To 190 MBH Gas Heating, Self Contained Package Rooftop Unit	11,380.08	2,034.63
		For Unit Without Factory Installed Economizer, Deduct	*-1,077.30*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0035	EA	10 Ton Electric Cooling, 200 To 240 MBH Gas Heating, Self Contained Package Rooftop Unit	14,207.31	2,738.19
		For Unit Without Factory Installed Economizer, Deduct	*-1,101.70*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0036	EA	12.5 Ton Electric Cooling, 250 MBH Gas Heating, Self Contained Package Rooftop Unit	15,520.82	2,966.38
		For Unit Without Factory Installed Economizer, Deduct	*-1,189.83*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0037	EA	15 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit	18,771.04	3,194.56
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0038	EA	17.5 Ton Electric Cooling, 330 MBH Gas Heating, Self Contained Package Rooftop Unit	19,839.05	3,422.74
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0039	EA	20 Ton Electric Cooling, 350 MBH Gas Heating, Self Contained Package Rooftop Unit	30,399.64	3,650.92
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0040	EA	22.5 Ton Electric Cooling, 380 MBH Gas Heating, Self Contained Package Rooftop Unit	37,125.98	4,031.23
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0041	EA	25 Ton Electric Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit	43,852.32	4,360.83
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0042	EA	27.5 Ton Electric Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit	45,177.71	4,791.84
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-1,280.21*	
23 74 16 13-0043	EA	30 Ton Electric Cooling, 500 MBH Gas Heating, Self Contained Package Rooftop Unit	48,483.46	5,172.14
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-1,280.21*	
23 74 16 13-0044	EA	35 Ton Electric Cooling, 550 MBH Gas Heating, Self Contained Package Rooftop Unit	52,088.34	6,046.84
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-1,280.21*	
23 74 16 13-0045	EA	40 Ton Electric Cooling, 600 MBH Gas Heating, Self Contained Package Rooftop Unit	57,673.56	6,921.54
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-1,949.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0046	EA	45 Ton Electric Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit	62,167.69	7,796.24
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-1,949.05*	
23 74 16 13-0047	EA	50 Ton Electric Cooling, 750 MBH Gas Heating, Self Contained Package Rooftop Unit	66,661.81	8,670.95
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-1,949.05*	
23 74 16 13-0048	EA	55 Ton Electric Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit	73,010.80	9,545.64
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-2,424.88*	
23 74 16 13-0049	EA	60 Ton Electric Cooling, 850 MBH Gas Heating, Self Contained Package Rooftop Unit	79,359.79	10,420.34
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-2,424.88*	
23 74 16 13-0050	EA	65 Ton Electric Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit	84,989.26	10,857.69
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-2,241.42*	
23 74 16 13-0051	EA	70 Ton Electric Cooling, 950 MBH Gas Heating, Self Contained Package Rooftop Unit	90,593.38	11,276.03
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-2,241.42*	
23 74 16 13-0052	EA	75 Ton Electric Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit	96,222.84	11,713.38
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-2,494.12*	
23 74 16 13-0053	EA	80 Ton Electric Cooling, 1,100 MBH Gas Heating, Self Contained Package Rooftop Unit	101,877.67	12,169.74
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-2,494.12*	
23 74 16 13-0054	EA	90 Ton Electric Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit	138,541.39	14,299.44
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-2,494.12*	
23 74 16 13-0055	EA	100 Ton Electric Cooling, 1,350 MBH Gas Heating, Self Contained Package Rooftop Unit	159,611.43	17,417.95
		For Unit Without Factory Installed Economizer, Deduct	*-2,249.15*	
		For Unit Without Roof Curb, Deduct	*-2,494.12*	

23 74 16 13-0056 AAON Rooftop Units *(23 74 16 13)*

Note: Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0057 AAON RQ Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD (or ECM motor), single stage on/off scroll compressor, terminal strip for field supplied thermostat, gas heat, manually adjustable OSA damper, microchannel condenser coils. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment.

23 74 16 13-0058	EA	2 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-002)	11,067.72	1,521.21
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,144.60*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,241.82*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*977.68*	
		For Factory Installed Non-Fused Disconnect, Add	*1,118.92*	
		For Factory Installed Exhaust Fan, Add	*5,704.67*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,331.70*	
23 74 16 13-0059	EA	3 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-003)	12,087.34	1,749.40
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,227.15*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,331.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,047.39*	
		For Factory Installed Non-Fused Disconnect, Add	*1,199.63*	
		For Factory Installed Exhaust Fan, Add	*5,704.67*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,331.70*	
23 74 16 13-0060	EA	4 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-004)	12,605.55	2,015.61
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,227.15*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,331.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,047.39*	
		For Factory Installed Non-Fused Disconnect, Add	*1,199.63*	
		For Factory Installed Exhaust Fan, Add	*5,704.67*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,331.70*	
23 74 16 13-0061	EA	5 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-005)	12,953.28	2,167.74
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,227.15*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,331.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,047.39*	
		For Factory Installed Non-Fused Disconnect, Add	*1,199.63*	
		For Factory Installed Exhaust Fan, Add	*5,704.67*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,331.70*	
23 74 16 13-0062	EA	6 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-006)	14,162.81	2,643.17
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,227.15*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,331.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,047.39*	
		For Factory Installed Non-Fused Disconnect, Add	*1,199.63*	
		For Factory Installed Exhaust Fan, Add	*5,704.67*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,331.70*	

23 74 16 13-0063 AAON RNA Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, single stage on/off compressor, terminal strip for field provided thermostat, gas heat, manually adjustable OSA damper. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0064	EA	6 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-006)	17,026.15	2,338.92
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,194.13*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,834.30*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,223.48*	
		For Factory Installed Non-Fused Disconnect, Add	*1,129.93*	
		For Factory Installed Exhaust Fan, Add	*3,046.77*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,038.21*	
23 74 16 13-0065	EA	7 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-007)	18,166.97	2,453.01
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,194.13*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,834.30*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,223.48*	
		For Factory Installed Non-Fused Disconnect, Add	*1,129.93*	
		For Factory Installed Exhaust Fan, Add	*3,046.77*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,038.21*	
23 74 16 13-0066	EA	8 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-008)	20,819.77	2,643.17
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,194.13*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,834.30*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,223.48*	
		For Factory Installed Non-Fused Disconnect, Add	*1,129.93*	
		For Factory Installed Exhaust Fan, Add	*3,046.77*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,038.21*	
23 74 16 13-0067	EA	10 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-010)	21,043.75	2,738.19
		For Factory Installed And Wired Dry Bulb Economizer, Add	*1,194.13*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,834.30*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,223.48*	
		For Factory Installed Non-Fused Disconnect, Add	*1,129.93*	
		For Factory Installed Exhaust Fan, Add	*3,046.77*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,038.21*	

23 74 16 13-0068 AAON RNB Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment.

23 74 16 13-0069	EA	9 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-009)	24,849.93	2,738.19
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,759.09*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,375.72*	
		For Factory Installed Non-Fused Disconnect, Add	*1,091.41*	
		For Factory Installed Exhaust Fan, Add	*2,905.53*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,043.72*	
23 74 16 13-0070	EA	11 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-011)	25,018.16	2,662.13
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,759.09*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,375.72*	
		For Factory Installed Non-Fused Disconnect, Add	*1,091.41*	
		For Factory Installed Exhaust Fan, Add	*2,905.53*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,043.72*	
23 74 16 13-0071	EA	13 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-013)	27,291.12	2,966.38
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,759.09*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,375.72*	
		For Factory Installed Non-Fused Disconnect, Add	*1,091.41*	
		For Factory Installed Exhaust Fan, Add	*2,905.53*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,043.72*	
23 74 16 13-0072	EA	15 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-015)	28,020.93	3,194.56
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,759.09*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,375.72*	
		For Factory Installed Non-Fused Disconnect, Add	*1,091.41*	
		For Factory Installed Exhaust Fan, Add	*2,905.53*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*1,043.72*	

23 74 16 13-0073 AAON RNC Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

23 74 16 13-0074	EA	16 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-016)	35,893.75	3,194.56
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,597.37*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,834.30*	
		For Factory Installed Non-Fused Disconnect, Add	*1,091.41*	
		For Factory Installed Exhaust Fan, Add	*5,328.64*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*475.08*	
23 74 16 13-0075	EA	18 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-018)	38,769.68	3,422.74
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,597.37*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,834.30*	
		For Factory Installed Non-Fused Disconnect, Add	*1,091.41*	
		For Factory Installed Exhaust Fan, Add	*5,328.64*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*475.08*	
23 74 16 13-0076	EA	20 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-020)	41,086.15	3,650.92
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,597.37*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,834.30*	
		For Factory Installed Non-Fused Disconnect, Add	*1,091.41*	
		For Factory Installed Exhaust Fan, Add	*5,328.64*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*475.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0077	EA	25 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-025)	44,552.75	4,411.53
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,597.37*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,834.30*	
		For Factory Installed Non-Fused Disconnect, Add	*1,091.41*	
		For Factory Installed Exhaust Fan, Add	*5,328.64*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*475.08*	
23 74 16 13-0078	EA	30 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-030)	50,565.36	5,172.14
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*2,597.37*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,834.30*	
		For Factory Installed Non-Fused Disconnect, Add	*1,091.41*	
		For Factory Installed Exhaust Fan, Add	*5,328.64*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*475.08*	

23 74 16 13-0079 AAON RND Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) variable capacity digital scroll compressor and (2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), factory installed non-fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

23 74 16 13-0080	EA	26 Ton, Air Cooled Packaged Rooftop Units (AAON RND-026)	67,164.17	4,411.53
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,292.88*	
		For Factory Installed Non-Fused Disconnect, Add	*2,483.64*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,485.17*	
23 74 16 13-0081	EA	31 Ton, Air Cooled Packaged Rooftop Units (AAON RND-031)	76,562.89	5,172.14
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,292.88*	
		For Factory Installed Non-Fused Disconnect, Add	*2,483.64*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,485.17*	
23 74 16 13-0082	EA	40 Ton, Air Cooled Packaged Rooftop Units (AAON RND-040)	90,394.66	6,921.54
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,292.88*	
		For Factory Installed Non-Fused Disconnect, Add	*2,483.64*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,485.17*	
23 74 16 13-0083	EA	50 Ton, Air Cooled Packaged Rooftop Units (AAON RND-050)	106,135.93	8,670.95
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,292.88*	
		For Factory Installed Non-Fused Disconnect, Add	*2,483.64*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,485.17*	
23 74 16 13-0084	EA	60 Ton, Air Cooled Packaged Rooftop Units (AAON RND-060)	116,787.01	10,420.34
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,292.88*	
		For Factory Installed Non-Fused Disconnect, Add	*2,483.64*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,485.17*	
23 74 16 13-0085	EA	70 Ton, Air Cooled Packaged Rooftop Units (AAON RND-070)	122,966.75	11,276.07
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,292.88*	
		For Factory Installed Non-Fused Disconnect, Add	*2,483.64*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,485.17*	

23 74 16 13-0086 AAON RNE Rooftop Units *(23 74 16 13-0056)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1 or 2) variable speed VFD controlled scroll compressor and (1 or 2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), Microchannel condenser coils with VFD controlled condenser fans, factory installed non fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

23 74 16 13-0087	EA	55 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-055)	113,353.55	9,545.64
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,590.03*	
		For Factory Installed Non-Fused Disconnect, Add	*3,719.96*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,952.61*	
23 74 16 13-0088	EA	65 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-065)	124,943.97	10,857.74
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,590.03*	
		For Factory Installed Non-Fused Disconnect, Add	*3,719.96*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,952.61*	
23 74 16 13-0089	EA	75 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-075)	132,888.30	11,713.38
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,590.03*	
		For Factory Installed Non-Fused Disconnect, Add	*3,719.96*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,952.61*	
23 74 16 13-0090	EA	95 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-090)	161,223.08	15,858.70
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,590.03*	
		For Factory Installed Non-Fused Disconnect, Add	*3,719.96*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,952.61*	
23 74 16 13-0091	EA	105 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-105)	174,848.25	18,102.49
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,590.03*	
		For Factory Installed Non-Fused Disconnect, Add	*3,719.96*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,952.61*	
23 74 16 13-0092	EA	120 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-120)	203,611.72	19,927.94
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,590.03*	
		For Factory Installed Non-Fused Disconnect, Add	*3,719.96*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,952.61*	
23 74 16 13-0093	EA	130 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-130)	208,769.05	21,144.93
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,590.03*	
		For Factory Installed Non-Fused Disconnect, Add	*3,719.96*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,952.61*	
23 74 16 13-0094	EA	140 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-140)	219,157.61	23,654.94
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*2,590.03*	
		For Factory Installed Non-Fused Disconnect, Add	*3,719.96*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*4,952.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0095		**Removal And Reinstallation Of Packaged Rooftop Air-Conditioning Units** *(23 74 16 13)* Note: Includes storage and cleaning.		
23 74 16 13-0096	EA	Removal And Reinstallation Of Up To 5 Ton, Roof Top Unit	548.45	
23 74 16 13-0097	EA	Removal And Reinstallation Of >5 To 10 Ton, Roof Top Unit	747.89	
23 74 16 13-0098	EA	Removal And Reinstallation Of >10 To 15 Ton, Roof Top Unit	997.09	
23 74 16 13-0099	EA	Removal And Reinstallation Of >15 To 25 Ton, Roof Top Unit	1,594.83	
23 74 16 13-0100	EA	Removal And Reinstallation Of >25 To 50 Ton, Roof Top Unit	2,791.38	
23 74 16 13-0101	EA	Removal And Reinstallation Of >50 To 75 Ton, Roof Top Unit	3,988.33	
23 74 16 13-0102		**Packaged Rooftop Units (Trane, Carrier Or Equal)** *(23 74 16 13)* Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment, 26 28 16 16-0001 for disconnects.		
23 74 16 13-0103		**Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane, Carrier Or Equal)** *(23 74 16 13-0102)*		
23 74 16 13-0104		**Standard Efficiency Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane, Carrier Or Equal)** *(23 74 16 13-0103)* Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment.		
23 74 16 13-0105	EA	3 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Precedent YSC036)	9,632.34	1,749.40
		For Factory Installed Economizer, Add	*933.48*	
		For Roof Curb, Add	*642.54*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
23 74 16 13-0106	EA	4 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Precedent YSC048)	10,737.20	2,015.61
		For Factory Installed Economizer, Add	*1,011.27*	
		For Roof Curb, Add	*642.54*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
23 74 16 13-0107	EA	5 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Precedent YSC060)	11,711.70	2,167.74
		For Factory Installed Economizer, Add	*1,011.27*	
		For Roof Curb, Add	*642.54*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
23 74 16 13-0108	EA	6 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Precedent YSC072)	12,915.36	2,338.92
		For Factory Installed Economizer, Add	*1,011.27*	
		For Roof Curb, Add	*642.54*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
23 74 16 13-0109	EA	7.5 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Precedent YSC092)	15,058.92	2,453.01
		For Factory Installed Economizer, Add	*1,011.27*	
		For Roof Curb, Add	*771.05*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
23 74 16 13-0110	EA	8.5 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Precedent YSC102)	16,348.62	2,643.17
		For Factory Installed Economizer, Add	*1,011.27*	
		For Roof Curb, Add	*771.05*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
23 74 16 13-0111	EA	10 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Precedent YSC120)	21,474.16	2,738.19
		For Factory Installed Economizer, Add	*1,011.27*	
		For Roof Curb, Add	*771.05*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
23 74 16 13-0112	EA	12.5 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager YSD150)	24,622.41	2,966.38
		For Economizer, Add	*1,812.57*	
		For Roof Curb, Add	*717.80*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
23 74 16 13-0113	EA	15 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager YSD180)	26,891.63	3,194.56
		For Economizer, Add	*1,812.57*	
		For Roof Curb, Add	*717.80*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0114	EA	17.5 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager YSD210)	30,992.02	3,422.74
		For Economizer, Add	*1,812.57*	
		For Roof Curb, Add	*717.80*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
23 74 16 13-0115	EA	20 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager YSD240)	33,840.01	3,650.92
		For Economizer, Add	*1,812.57*	
		For Roof Curb, Add	*717.80*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
23 74 16 13-0116	EA	25 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager YSD300)	39,084.37	4,411.53
		For Economizer, Add	*1,812.57*	
		For Roof Curb, Add	*717.80*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
23 74 16 13-0117	EA	27.5 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager III YCD330)	42,634.58	4,791.84
		For Factory Installed BACnet, Add	*932.70*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
		For Economizer And Powered Exhaust, Add	*4,034.80*	
		For Roof Curb, Add	*1,248.86*	
23 74 16 13-0118	EA	30 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager III YCD360)	44,965.05	5,172.14
		For Factory Installed BACnet, Add	*932.70*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
		For Economizer And Powered Exhaust, Add	*4,034.80*	
		For Roof Curb, Add	*1,248.86*	
23 74 16 13-0119	EA	35 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager III YCD420)	50,520.24	6,046.84
		For Factory Installed BACnet, Add	*932.70*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
		For Economizer And Powered Exhaust, Add	*4,034.80*	
		For Roof Curb, Add	*1,248.86*	
23 74 16 13-0120	EA	40 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager III YCD480)	55,126.38	6,921.54
		For Factory Installed BACnet, Add	*932.70*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
		For Economizer And Powered Exhaust, Add	*4,034.80*	
		For Roof Curb, Add	*1,423.65*	
23 74 16 13-0121	EA	50 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Voyager III YCD600)	64,355.78	8,670.95
		For Factory Installed BACnet, Add	*932.70*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
		For Economizer And Powered Exhaust, Add	*4,034.80*	
		For Roof Curb, Add	*1,423.65*	
23 74 16 13-0122	EA	55 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF554)	92,818.55	9,545.64
		For Economizer And Powered Exhaust, Add	*10,823.81*	
		For Roof Curb, Add	*2,244.39*	
		For Factory Installed BACnet, Add	*1,287.98*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
23 74 16 13-0123	EA	60 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF604)	99,969.98	10,420.34
		For Economizer And Powered Exhaust, Add	*12,259.32*	
		For Roof Curb, Add	*2,497.36*	
		For Factory Installed BACnet, Add	*1,287.98*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
23 74 16 13-0124	EA	70 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF704)	112,147.74	11,276.07
		For Economizer And Powered Exhaust, Add	*12,736.45*	
		For Roof Curb, Add	*2,497.36*	
		For Factory Installed BACnet, Add	*1,287.98*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
23 74 16 13-0125	EA	75 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF754)	121,373.33	11,713.38
		For Roof Curb, Add	*2,497.36*	
		For Factory Installed BACnet, Add	*1,287.98*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
		For Economizer And Powered Exhaust, Add	*13,299.16*	
23 74 16 13-0126	EA	90 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Intellipak SFHKC904)	146,366.16	14,299.44
		Note: Includes economizer, powered exhaust and roof curb.		
		For Factory Installed BACnet, Add	*1,287.98*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
23 74 16 13-0127	EA	105 Ton, Standard Efficiency, Gas Heat, Electric Cooling, DX Unitary Package Rooftop Unit (Trane Intellipak SFHKD114)	159,844.43	18,102.49
		Note: Includes economizer, powered exhaust and roof curb.		
		For Factory Installed BACnet, Add	*1,287.98*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0128		High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane, Carrier Or Equal) *(23 74 16 13-0103)* Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment, 26 28 16 16-0001 for disconnects.		
23 74 16 13-0129	EA	3 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Precedent YHC036)	10,267.11	1,749.40
		For Roof Curb, Add	*642.54*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,055.49*	
23 74 16 13-0130	EA	4 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Precedent YHC048)	11,639.56	2,015.61
		For Roof Curb, Add	*642.54*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,055.49*	
23 74 16 13-0131	EA	5 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Precedent YHC060)	12,732.30	2,167.74
		For Roof Curb, Add	*642.54*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,055.49*	
23 74 16 13-0132	EA	6 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Precedent YHC072)	13,911.07	2,338.92
		For Roof Curb, Add	*642.54*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,055.49*	
23 74 16 13-0133	EA	7.5 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Precedent YHC092)	19,902.12	2,453.01
		For Roof Curb, Add	*771.05*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,077.30*	
23 74 16 13-0134	EA	8.5 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Precedent YHC102)	21,347.40	2,643.17
		For Roof Curb, Add	*771.05*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,077.30*	
23 74 16 13-0135	EA	10 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Precedent YHC120)	23,232.22	2,738.19
		For Roof Curb, Add	*771.05*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,101.70*	
23 74 16 13-0136	EA	12.5 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Voyager YHD150)	26,774.08	2,966.38
		For Roof Curb, Add	*771.05*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*1,189.83*	
23 74 16 13-0137	EA	15 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Voyager YHD180)	28,715.03	3,194.56
		For Roof Curb, Add	*771.05*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,249.15*	
23 74 16 13-0138	EA	17.5 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Voyager YHD210)	33,325.72	3,422.74
		For Roof Curb, Add	*771.05*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,249.15*	
23 74 16 13-0139	EA	20 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Voyager YHD240)	36,684.01	3,650.92
		For Roof Curb, Add	*771.05*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,249.15*	
23 74 16 13-0140	EA	25 Ton, High Efficiency, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Voyager YHD300)	49,156.62	4,411.53
		For Roof Curb, Add	*771.05*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,249.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0141	EA	30 Ton, Variable Speed Compressor, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF304)	71,287.00	5,172.14
		For Factory Installed BACnet, Add	*1,287.98*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
		For Economizer And Powered Exhaust, Add	*6,994.25*	
		For Roof Curb, Add	*1,282.36*	
23 74 16 13-0142	EA	40 Ton, Variable Speed Compressor, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF404)	94,972.19	6,921.54
		For Factory Installed BACnet, Add	*1,287.98*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
		For Economizer And Powered Exhaust, Add	*7,871.17*	
		For Roof Curb, Add	*1,951.47*	
23 74 16 13-0143	EA	50 Ton, Variable Speed Compressor, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF504)	95,162.17	8,670.95
		For Factory Installed BACnet, Add	*1,287.98*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
		For Economizer And Powered Exhaust, Add	*11,543.09*	
		For Roof Curb, Add	*1,951.47*	
23 74 16 13-0144	EA	55 Ton, Variable Speed Compressor, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF554)	105,607.22	9,545.64
		For Economizer And Powered Exhaust, Add	*10,823.81*	
		For Factory Installed BACnet, Add	*1,287.98*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
		For Roof Curb, Add	*2,427.57*	
23 74 16 13-0145	EA	60 Ton, Variable Speed Compressor, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF604)	112,195.46	10,420.34
		For Economizer And Powered Exhaust, Add	*12,259.32*	
		For Factory Installed BACnet, Add	*1,287.98*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
		For Roof Curb, Add	*2,427.57*	
23 74 16 13-0146	EA	70 Ton, Variable Speed Compressor, Electric Cooling, Gas Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SFHLF704)	125,639.63	11,276.07
		For Economizer And Powered Exhaust, Add	*12,736.45*	
		For Roof Curb, Add	*2,244.39*	
		For Factory Installed BACnet, Add	*1,287.98*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	

23 74 16 13-0147 Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane, Carrier Or Equal) *(23 74 16 13-0102)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0148	EA	3 Ton, Ultra High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Precedent eFlex TZC036E)	7,988.48	1,574.46
		For Roof Curb, Add	*642.54*	
		For Factory Installed Economizer, Add	*1,055.49*	
		For Factory Installed BACnet, Add	*2,103.89*	
		For Demand Control Ventilation, Add	*2,323.91*	
23 74 16 13-0149	EA	4 Ton, Ultra High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Precedent eFlex TZC048F)	8,933.93	1,814.10
		For Roof Curb, Add	*642.54*	
		For Factory Installed Economizer, Add	*1,055.49*	
		For Factory Installed BACnet, Add	*2,512.09*	
		For Demand Control Ventilation, Add	*2,323.91*	
23 74 16 13-0150	EA	5 Ton, Ultra High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Precedent eFlex TZC060E)	9,757.65	1,951.01
		For Roof Curb, Add	*642.54*	
		For Factory Installed Economizer, Add	*1,055.49*	
		For Factory Installed BACnet, Add	*2,512.09*	
		For Demand Control Ventilation, Add	*2,323.91*	
23 74 16 13-0151	EA	6 Ton, Ultra High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Precedent eFlex TZC072F)	10,911.13	2,104.96
		For Roof Curb, Add	*642.54*	
		For Factory Installed Economizer, Add	*1,055.49*	
		For Factory Installed BACnet, Add	*2,512.09*	
		For Demand Control Ventilation, Add	*2,323.91*	
23 74 16 13-0152	EA	7.5 Ton, Ultra High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Precedent eFlex TZC090F)	12,709.50	2,207.69
		For Roof Curb, Add	*771.05*	
		For Factory Installed Economizer, Add	*1,077.30*	
		For Factory Installed BACnet, Add	*2,697.30*	
		For Demand Control Ventilation, Add	*2,376.83*	
23 74 16 13-0153	EA	8.5 Ton, Ultra High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Precedent eFlex TZC102F)	13,813.62	2,378.78
		For Roof Curb, Add	*771.05*	
		For Factory Installed Economizer, Add	*1,077.30*	
		For Factory Installed BACnet, Add	*2,697.30*	
		For Demand Control Ventilation, Add	*2,376.83*	
23 74 16 13-0154	EA	10 Ton, Ultra High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Precedent eFlex TZC120F)	15,137.15	2,464.37
		For Roof Curb, Add	*771.05*	
		For Factory Installed Economizer, Add	*1,101.70*	
		For Factory Installed BACnet, Add	*2,697.30*	
		For Demand Control Ventilation, Add	*2,376.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0155	EA	12.5 Ton, High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Voyager eFlex TZ*150F)	16,930.37	2,669.73
		Note: * = Downflow or Horizontal		
		For Roof Curb, Add	*771.05*	
		For Factory Installed Economizer, Add	*1,189.83*	
		For Factory Installed BACnet, Add	*3,596.40*	
		For Demand Control Ventilation, Add	*2,907.85*	
23 74 16 13-0156	EA	15 Ton, High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Voyager eFlex TZ*180F)	19,080.65	2,875.10
		Note: * = Downflow or Horizontal		
		For Roof Curb, Add	*771.05*	
		For Factory Installed Economizer, Add	*2,249.15*	
		For Factory Installed BACnet, Add	*3,596.40*	
		For Demand Control Ventilation, Add	*2,907.85*	
23 74 16 13-0157	EA	17.5 Ton, High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Voyager eFlex TZ*210F)	22,586.99	3,080.46
		Note: * = Downflow or Horizontal		
		For Roof Curb, Add	*771.05*	
		For Factory Installed Economizer, Add	*2,249.15*	
		For Factory Installed BACnet, Add	*3,596.40*	
		For Demand Control Ventilation, Add	*2,907.85*	
23 74 16 13-0158	EA	20 Ton, High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Voyager TH*240)	24,984.17	3,285.83
		Note: * = Downflow or Horizontal		
		For Roof Curb, Add	*771.05*	
		For Factory Installed Economizer, Add	*2,249.15*	
		For Factory Installed BACnet, Add	*5,019.96*	
		For Demand Control Ventilation, Add	*2,907.85*	
23 74 16 13-0159	EA	25 Ton, High Efficiency, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Voyager TH*300)	28,882.52	3,970.38
		Note: * = Downflow or Horizontal		
		For Roof Curb, Add	*771.05*	
		For Factory Installed Economizer, Add	*2,249.15*	
		For Factory Installed BACnet, Add	*5,019.96*	
		For Demand Control Ventilation, Add	*3,286.63*	
23 74 16 13-0160	EA	55 Ton, Variable Speed Compressor, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SEHL*55)	92,060.76	8,591.13
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
		For Factory Installed Economizer, Add	*2,249.15*	
		For Roof Curb, Add	*2,427.57*	
		For Demand Control Ventilation, Add	*4,640.33*	
		For Factory Installed BACnet, Add	*13,186.79*	
23 74 16 13-0161	EA	60 Ton, Variable Speed Compressor, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SEHL*60)	100,438.23	9,378.31
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
		For Factory Installed Economizer, Add	*2,249.15*	
		For Roof Curb, Add	*2,427.57*	
		For Demand Control Ventilation, Add	*4,640.33*	
		For Factory Installed BACnet, Add	*13,186.79*	
23 74 16 13-0162	EA	70 Ton, Variable Speed Compressor, Electric Cooling, Electric Heat, DX Unitary Package Rooftop Unit (Trane Intellipak SEHL*70)	111,002.10	10,148.45
		For Roof Curb, Add	*2,244.39*	
		For Factory Installed VAV Single Zone Option (VFD Without Bypass), Add	*1,981.50*	
		For Factory Installed Economizer, Add	*2,249.15*	
		For Demand Control Ventilation, Add	*7,637.05*	
		For Factory Installed BACnet, Add	*13,186.79*	

23 74 16 13-0163 Cooling Only DX Unitary Package Rooftop Unit (Trane, Carrier Or Equal) *(23 74 16 13-0102)*

See CSI section 01 22 23 00-0941 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0164 High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane, Carrier Or Equal) *(23 74 16 13-0163)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment.

23 74 16 13-0165	EA	3 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Precedent THC036)	7,145.42	1,574.46
		For Roof Curb, Add	*642.54*	
		For Factory Installed Electric Heat, Add	*833.91*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,055.49*	
23 74 16 13-0166	EA	4 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Precedent THC048)	8,131.46	1,814.10
		For Roof Curb, Add	*642.54*	
		For Factory Installed Electric Heat, Add	*833.91*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,055.49*	
23 74 16 13-0167	EA	5 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Precedent THC060)	8,888.05	1,951.01
		For Roof Curb, Add	*642.54*	
		For Factory Installed Electric Heat, Add	*833.91*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,055.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0168	EA	6 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Precedent THC072)	9,626.69	2,104.96
		For Roof Curb, Add	*642.54*	
		For Factory Installed Electric Heat, Add	*833.91*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,055.49*	
23 74 16 13-0169	EA	7.5 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Precedent THC092)	12,767.20	2,207.69
		For Roof Curb, Add	*771.05*	
		For Factory Installed Electric Heat, Add	*1,012.83*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,077.30*	
23 74 16 13-0170	EA	8.5 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Precedent THC102)	13,684.85	2,378.78
		For Roof Curb, Add	*771.05*	
		For Factory Installed Electric Heat, Add	*1,012.83*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,077.30*	
23 74 16 13-0171	EA	10 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Precedent THC120)	14,855.52	2,464.37
		For Roof Curb, Add	*771.05*	
		For Factory Installed Electric Heat, Add	*1,012.83*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,101.70*	
23 74 16 13-0172	EA	12.5 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Voyager THD150)	18,246.36	2,669.73
		For Roof Curb, Add	*771.05*	
		For Factory Installed Electric Heat, Add	*1,169.96*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*1,189.83*	
23 74 16 13-0173	EA	15 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Voyager THD180)	19,362.86	2,875.10
		For Roof Curb, Add	*771.05*	
		For Factory Installed Electric Heat, Add	*1,169.96*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,249.15*	
23 74 16 13-0174	EA	17.5 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Voyager THD210)	22,689.04	3,080.46
		For Roof Curb, Add	*771.05*	
		For Factory Installed Electric Heat, Add	*1,350.43*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,249.15*	
23 74 16 13-0175	EA	20 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Voyager THD240)	24,614.39	3,285.83
		For Roof Curb, Add	*771.05*	
		For Factory Installed Electric Heat, Add	*1,350.43*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,249.15*	
23 74 16 13-0176	EA	25 Ton, High Efficiency, Cooling Only DX Unitary Package Rooftop Unit (Trane Voyager THD300)	27,164.73	3,970.38
		For Roof Curb, Add	*771.05*	
		For Factory Installed Electric Heat, Add	*1,350.43*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,249.15*	

23 74 16 13-0177 Heat Pump Unitary Package Rooftop Unit (Trane, Carrier Or Equal) *(23 74 16 13-0102)*

See CSI section 01 22 23 00-0941 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0178 Standard Efficiency Heat Pump Unitary Package Rooftop Unit (Trane, Carrier Or Equal) *(23 74 16 13-0177)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment.

23 74 16 13-0179	EA	3 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Precedent WSC036)	7,986.57	1,574.46
		For Roof Curb, Add	*642.54*	
		For High Efficiency, Add	*721.19*	
		For Factory Installed Electric Heat, Add	*833.91*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,055.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0180	EA	4 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Precedent WSC048)	8,844.70	1,814.10
		For Roof Curb, Add	*642.54*	
		For High Efficiency, Add	*787.18*	
		For Factory Installed Electric Heat, Add	*833.91*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,055.49*	
23 74 16 13-0181	EA	5 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Precedent WSC060)	9,714.38	1,951.01
		For Roof Curb, Add	*642.54*	
		For High Efficiency, Add	*871.35*	
		For Factory Installed Electric Heat, Add	*833.91*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,055.49*	
23 74 16 13-0182	EA	6 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Precedent WSC072)	10,606.88	2,104.96
		For Roof Curb, Add	*642.54*	
		For High Efficiency, Add	*955.53*	
		For Factory Installed Electric Heat, Add	*833.91*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,055.49*	
23 74 16 13-0183	EA	7.5 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Precedent WSC090)	11,938.11	2,207.69
		For Roof Curb, Add	*771.05*	
		For High Efficiency, Add	*1,101.83*	
		For Factory Installed Electric Heat, Add	*1,012.83*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,077.30*	
23 74 16 13-0184	EA	8.5 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Precedent WSC102)	14,202.94	2,378.78
		For Roof Curb, Add	*771.05*	
		For High Efficiency, Add	*1,351.32*	
		For Factory Installed Electric Heat, Add	*1,012.83*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,077.30*	
23 74 16 13-0185	EA	10 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Precedent WSC120)	16,353.68	2,464.37
		For Roof Curb, Add	*771.05*	
		For High Efficiency, Add	*1,600.81*	
		For Factory Installed Electric Heat, Add	*1,012.83*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*1,686.64*	
		Note: Includes CO2 wall mounted sensor.		
		For Factory Installed Economizer, Add	*1,101.70*	
23 74 16 13-0186	EA	12.5 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Voyager WCD150)	20,409.53	2,669.73
		For Roof Curb, Add	*771.05*	
		For High Efficiency, Add	*2,064.11*	
		For Factory Installed Electric Heat, Add	*1,169.96*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*1,189.83*	
23 74 16 13-0187	EA	15 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Voyager WCD180)	22,276.91	2,875.10
		For Roof Curb, Add	*771.05*	
		For High Efficiency, Add	*2,259.32*	
		For Factory Installed Electric Heat, Add	*1,169.96*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,249.15*	
23 74 16 13-0188	EA	20 Ton, Standard Efficiency, Heat Pump Unitary Package Rooftop Unit (Trane Voyager WCD240)	29,365.11	3,285.83
		For Roof Curb, Add	*771.05*	
		For High Efficiency, Add	*3,060.54*	
		For Factory Installed Electric Heat, Add	*1,350.43*	
		For Factory Installed BACnet, Add	*932.70*	
		For Demand Control Ventilation, Add	*2,082.94*	
		Note: Includes ventilation module and CO2 wall mounted sensor kit.		
		For Factory Installed Economizer, Add	*2,249.15*	

23 74 16 13-0189 Trane Curb Adapters *(23 74 16 13)*

Note: All adapter selections assume the existing unit rests on a factory standard curb. The new unit reference is based on current Trane units, Precedent and Voyager II models only. The existing unit reference is based on Trane, Carrier, York or Lennox units only. Non-standard L-shape and/or duct shroud configurations were not considered. Trane Intellipak or Voyager III footprints are not considered. Some units have larger than normal sizes or multiple footprints possible, which were not considered. Step-sized replacements (installing new unit that is either larger or smaller capacity than existing) are not considered.

23 74 16 13-0190	EA	3 To 5 Ton, Trane Curb Adapter	1,520.30
23 74 16 13-0191	EA	6 To 7-1/2 Ton, Trane Curb Adapter	1,986.65
23 74 16 13-0192	EA	8-1/2 To 10 Ton, Trane Curb Adapter	2,079.92
23 74 16 13-0193	EA	12-1/2 Ton, Standard Efficiency, Trane Curb Adapter	2,275.79
23 74 16 13-0194	EA	12-1/2 Ton, High Efficiency, Trane Curb Adapter	2,322.42

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0195	EA	15 Ton, Trane Curb Adapter	2,546.27	
23 74 16 13-0196	EA	17-1/2 Ton, Trane Curb Adapter	2,564.92	
23 74 16 13-0197	EA	20 Ton, Trane Curb Adapter	2,863.39	
23 74 16 13-0198	EA	25 Ton, Trane Curb Adapter	3,264.45	
23 74 16 13-0199		**Trane Condenser Coil Guards** *(23 74 16 13)*		
23 74 16 13-0200	EA	Condenser Coil Guard (Trane BAYGARD058A) Note: Coil Guard for TTA/TWA061, TTA/TWA073, TTA/TWA076 and CTA/TTA/TWA090 Condenser Coils.	1,035.96	74.78
23 74 16 13-0201	EA	Condenser Coil Guard (Trane BAYGARD059A) Note: Coil Guard for TTA086, TTA101 and CTA/TTA120 Condenser Coils.	1,318.62	87.24
23 74 16 13-0202	EA	Condenser Coil Guard (Trane BAYGARD060A) Note: Coil Guard for TWA101, TWA120, TTA126 and TTA150 Condenser Coils.	1,406.40	99.70
23 74 16 13-0203	EA	Condenser Coil Guard (Trane BAYGARD061A) Note: Coil Guard for TTA/TWA156, CTA/TTA/TWA180, TTA/TWA201 and TTA/TWA240 Condenser Coils.	1,880.80	112.17
23 74 16 13-0204	EA	Condenser Coil Guard (Trane BAYGARD062A) Note: Coil Guard for TTA300 and TTA251 Split-System Air Conditioners.	2,088.03	124.63
23 74 16 13-0205		**Heat Pump, Packaged Rooftop Heat Pump Units** *(23 74 16 13)* See CSI section 01 22 23 00-0941 for crane lifting equipment, 26 28 16 16-0001 for disconnects.		
23 74 16 13-0206		**Packaged Rooftop Heat Pump Units** *(23 74 16 13-0206)* Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.		
23 74 16 13-0207	EA	2 Ton Packaged Rooftop Heat Pump	6,308.58	1,369.10
		For Economizer With Outside Air Control, Add	*1,854.19*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*224.16*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0208	EA	2.5 Ton Packaged Rooftop Heat Pump	6,642.55	1,471.83
		For Economizer With Outside Air Control, Add	*1,964.02*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*234.01*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0209	EA	3 Ton Packaged Rooftop Heat Pump	7,025.80	1,574.46
		For Economizer With Outside Air Control, Add	*2,084.21*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*246.33*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0210	EA	3.5 Ton Packaged Rooftop Heat Pump	7,539.41	1,694.23
		For Economizer With Outside Air Control, Add	*2,027.17*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*264.02*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0211	EA	4 Ton Packaged Rooftop Heat Pump	8,053.26	1,814.10
		For Economizer With Outside Air Control, Add	*2,167.24*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*281.73*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0212	EA	5 Ton Packaged Rooftop Heat Pump	8,631.54	1,951.01
		For Economizer With Outside Air Control, Add	*2,325.78*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*241.21*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0213	EA	6 Ton Packaged Rooftop Heat Pump	9,710.56	2,104.96
		For Economizer With Outside Air Control, Add	*2,576.99*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*207.12*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0214	EA	7.5 Ton Packaged Rooftop Heat Pump	12,484.52	2,207.69
		For Economizer With Outside Air Control, Add	*2,616.70*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*286.23*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0215	EA	8.5 Ton Packaged Rooftop Heat Pump	13,963.74	2,378.78
		For Economizer With Outside Air Control, Add	*2,772.99*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*323.76*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0216	EA	10 Ton Packaged Rooftop Heat Pump	15,013.20	2,464.37
		For Economizer With Outside Air Control, Add	*2,815.65*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*234.55*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0217	EA	12.5 Ton Packaged Rooftop Heat Pump	17,415.45	2,669.73
		For Economizer With Outside Air Control, Add	*3,165.41*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*277.12*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0218	EA	15 Ton Packaged Rooftop Heat Pump	19,817.69	2,875.10
		For Economizer With Outside Air Control, Add	*3,515.16*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*319.68*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0219	EA	17.5 Ton Packaged Rooftop Heat Pump	22,194.70	3,080.46
		For Economizer With Outside Air Control, Add	*3,862.39*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*361.75*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0220	EA	20 Ton Packaged Rooftop Heat Pump	24,571.71	3,285.83
		For Economizer With Outside Air Control, Add	*4,209.62*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*403.81*	
		For Unit Without Roof Curb, Deduct	*-769.43*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0221		**Heating Only Packaged Rooftop Units** *(23 74 16 13-0205)* Note: Includes throwaway filters, filter rack, manual outside air damper, roof curbs and electric heat. Units are shipped fully factory assembled in one piece, prewired and include start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment, 26 28 16 16-0001 for disconnects.		
23 74 16 13-0222	EA	24 MBH Electric Heating Only, Self Contained Package Rooftop Unit	6,419.06	1,369.10
		For Gas Heat, Add	*412.83*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0223	EA	32 MBH Electric Heating Only, Self Contained Package Rooftop Unit	7,542.01	1,574.46
		For Gas Heat, Add	*485.95*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0224	EA	45 MBH Electric Heating Only, Self Contained Package Rooftop Unit	10,325.30	1,814.10
		For Gas Heat, Add	*674.40*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0225	EA	60 MBH Electric Heating Only, Self Contained Package Rooftop Unit	11,649.28	1,951.01
		For Gas Heat, Add	*763.42*	
		For Unit Without Roof Curb, Deduct	*-641.19*	
23 74 16 13-0226	EA	95 MBH Electric Heating Only, Self Contained Package Rooftop Unit	13,689.80	2,207.69
		For Gas Heat, Add	*899.41*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0227	EA	112 MBH Electric Heating Only, Self Contained Package Rooftop Unit	15,421.34	2,378.78
		For Gas Heat, Add	*1,016.06*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0228	EA	140 MBH Electric Heating Only, Self Contained Package Rooftop Unit	18,252.61	2,464.37
		For Gas Heat, Add	*1,211.97*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0229	EA	170 MBH Electric Heating Only, Self Contained Package Rooftop Unit	23,711.23	2,875.10
		For Gas Heat, Add	*1,583.12*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0230	EA	200 MBH Electric Heating Only, Self Contained Package Rooftop Unit	31,320.89	3,080.46
		For Gas Heat, Add	*2,110.32*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0231	EA	230 MBH Electric Heating Only, Self Contained Package Rooftop Unit	36,564.15	3,285.83
		For Gas Heat, Add	*2,471.87*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0232	EA	270 MBH Electric Heating Only, Self Contained Package Rooftop Unit	47,549.60	3,628.10
		For Gas Heat, Add	*3,231.72*	
		For Unit Without Roof Curb, Deduct	*-769.43*	
23 74 16 13-0233	EA	330 MBH Electric Heating Only, Self Contained Package Rooftop Unit	59,467.48	4,616.89
		For Gas Heat, Add	*4,047.72*	
		For Unit Without Roof Curb, Deduct	*-1,280.21*	
23 74 16 13-0234	EA	360 MBH Electric Heating Only, Self Contained Package Rooftop Unit	73,175.69	4,654.92
		For Gas Heat, Add	*4,998.17*	
		For Unit Without Roof Curb, Deduct	*-1,280.21*	
23 74 16 13-0235	EA	450 MBH Electric Heating Only, Self Contained Package Rooftop Unit	89,133.64	5,442.20
		For Gas Heat, Add	*6,094.23*	
		For Unit Without Roof Curb, Deduct	*-1,280.21*	
23 74 16 13-0236	EA	540 MBH Electric Heating Only, Self Contained Package Rooftop Unit	115,606.85	7,016.67
		For Gas Heat, Add	*7,905.37*	
		For Unit Without Roof Curb, Deduct	*-1,949.05*	
23 74 23		**Packaged, Outdoor, Heating-Only Makeup-Air Units** *(23 74)*		
23 74 23 13		**Packaged, Direct-Fired, Outdoor, Heating-Only Makeup-Air Units** *(23 74 23)*		
23 74 23 13-0001		**Make-Up Air Units** *(23 74 23 13)* Note: Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant. Includes throwaway filters and start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0941 for crane lifting equipment.		
23 74 23 13-0002		**Gas-Fired Electric Spark Make-Up Air Units** *(23 74 23 13-0001)* Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0942 for crane lifting equipment.		
23 74 23 13-0003	EA	100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark	7,497.80	456.36
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,021.16*	
		For Equipment Base Roof Curb, Add	*914.41*	
23 74 23 13-0004	EA	300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	9,708.21	517.21
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,651.32*	
		For Equipment Base Roof Curb, Add	*1,187.41*	
23 74 23 13-0005	EA	500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	13,538.66	608.49
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,757.36*	
		For Equipment Base Roof Curb, Add	*1,661.91*	
23 74 23 13-0006	EA	670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	13,640.05	649.05
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,764.95*	
		For Equipment Base Roof Curb, Add	*1,672.30*	
23 74 23 13-0007	EA	800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	18,681.96	730.19
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,239.50*	
		For Equipment Base Roof Curb, Add	*2,298.74*	
23 74 23 13-0008	EA	1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	28,376.31	912.73
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*8,056.53*	
		For Equipment Base Roof Curb, Add	*3,501.40*	
23 74 23 13-0009		**Electric Make-Up Air Units** *(23 74 23 13-0001)* Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0942 for crane lifting equipment.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 23 13-0010	EA	33 KW, 1/2 HP, 1,200 CFM Make-up Air Unit, Electric	15,606.28	456.36
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,453.70*	
		For Equipment Base Roof Curb, Add	*1,927.97*	
23 74 23 13-0011	EA	100 KW, 1-1/2 HP, 3,500 CFM Make-up Air Unit, Electric	22,362.85	517.21
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,447.71*	
		For Equipment Base Roof Curb, Add	*2,769.24*	
23 74 23 13-0012	EA	150 KW, 2 HP, 4,000 CFM Make-up Air Unit, Electric	27,720.76	608.49
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*8,011.99*	
		For Equipment Base Roof Curb, Add	*3,434.67*	
23 74 23 13-0013	EA	250 KW, 5 HP, 7,500 CFM Make-up Air Unit, Electric	35,882.71	730.19
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*10,399.72*	
		For Equipment Base Roof Curb, Add	*4,448.83*	
23 74 23 13-0014	EA	400 KW, 10 HP, 10,000 CFM Make-up Air Unit, Electric	58,116.73	912.73
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*16,978.65*	
		For Equipment Base Roof Curb, Add	*7,218.95*	

23 75 Custom-Packaged Outdoor HVAC Equipment *(23 70)*

23 75 16 Custom-Packaged, Rooftop Air-Conditioning Units *(23 75)*

23 75 16 00-0001 Custom Rooftop Units *(23 75 16)*

Note: Includes testing, balancing and commissioning of Custom-Packaged Rooftop Unit. Excludes crane and associated personnel. Excludes balancing existing diffusers and devices, reworking ductwork, new diffusers, new wiring, or new piping. See CSI section 01 22 23 00-0941 for crane lifting equipment, 26 05 83 00-0000 for reconnecting existing control wires and electrical wires.

23 75 16 00-0002	EA	15 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	133,295.65	4,737.64
23 75 16 00-0003	EA	17.5 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	142,646.70	4,953.00
23 75 16 00-0004	EA	20 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	154,855.47	5,383.69
23 75 16 00-0005	EA	25 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	202,517.34	5,599.04
23 75 16 00-0006	EA	30 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	260,166.97	6,891.12
23 75 16 00-0007	EA	35 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	286,104.44	7,429.49
23 75 16 00-0008	EA	40 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	313,065.82	7,967.85
23 75 16 00-0009	EA	45 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	344,594.84	8,613.90
23 75 16 00-0010	EA	50 Ton, Custom-Package Rooftop Multi-Zone Air Conditioning Unit	392,196.42	9,259.95

23 76 Evaporative Air-Cooling Equipment *(23 70)*

23 76 13 Direct Evaporative Air Coolers *(23 76)*

23 76 13 00-0001 Residential Side Or Down Draft Evaporative Cooling Unit *(23 76 13)*

Note: Includes motor, belt and pads.

23 76 13 00-0002	EA	3,000 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,389.31	299.12
23 76 13 00-0003	EA	4,300 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,642.83	348.98
23 76 13 00-0004	EA	4,400 CFM, 1/2 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,148.21	398.84
23 76 13 00-0005	EA	5,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,332.43	448.69
23 76 13 00-0006	EA	6,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,685.69	498.54
23 76 13 00-0007	EA	7,000 CFM, 1 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,886.81	548.40

23 76 13 00-0008 Industrial Side Draft/Side Discharge Evaporative Coolers *(23 76 13)*

Note: Excludes motor starter, piping, power wiring and equipment rigging.

23 76 13 00-0009	EA	7,500 CFM, 3/4 HP Industrial Side Or Down Draft Evaporative Cooling Unit	2,782.04	302.51
23 76 13 00-0010	EA	8,500 CFM, 1 HP Industrial Side Or Down Draft Evaporative Cooling Unit	2,871.00	312.30
23 76 13 00-0011	EA	9,500 CFM, 1 1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	3,401.25	433.73
23 76 13 00-0012	EA	11,375 CFM, 2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	7,398.02	511.98
23 76 13 00-0013	EA	13,020 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	7,950.89	749.53
23 76 13 00-0014	EA	16,267 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	9,125.85	799.50
23 76 13 00-0015	EA	15,438 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	8,335.22	899.43
23 76 13 00-0016	EA	19,286 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	9,870.10	1,124.30
23 76 13 00-0017	EA	17,672 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	9,810.36	1,469.67
23 76 13 00-0018	EA	22,077 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	10,959.38	1,499.05
23 76 13 00-0019	EA	24,301 CFM, 10 HP Industrial Side Or Down Draft Evaporative Cooling Unit	11,517.31	1,665.65
23 76 13 00-0020	EA	30,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	15,346.80	2,602.56
23 76 13 00-0021	EA	35,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	17,263.39	2,715.69
23 76 13 00-0022	EA	40,000 CFM, 30 HP Industrial Side Or Down Draft Evaporative Cooling Unit	19,200.57	2,839.11

23 80 Decentralized Unitary HVAC Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 23 05 29 00-0000 for hangers and supports, 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 81 Decentralized Unitary HVAC Equipment *(23 80)*

23 81 13 Packaged Terminal Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 81 13 11 Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13)*

23 81 13 11-0001 Packaged Terminal Air-Conditioners *(23 81 13 11)*

23 81 13 11-0002 Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*

23 81 13 11-0003	EA	7,200 BTU, 13 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,911.85	186.96
		For >35 To 70, Deduct	*-46.14*	
		For >70 To 100, Deduct	*-76.90*	
		For >100, Deduct	*-107.66*	
23 81 13 11-0004	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,025.86	231.11
		For >35 To 70, Deduct	*-46.92*	
		For >70 To 100, Deduct	*-78.21*	
		For >100, Deduct	*-109.49*	
23 81 13 11-0005	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,144.02	246.30
		For >35 To 70, Deduct	*-49.52*	
		For >70 To 100, Deduct	*-82.54*	
		For >100, Deduct	*-115.56*	
23 81 13 11-0006	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,317.17	264.75
		For >35 To 70, Deduct	*-53.64*	
		For >70 To 100, Deduct	*-89.39*	
		For >100, Deduct	*-125.15*	

23 81 13 11-0007 Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*

23 81 13 11-0008	EA	7,200 BTU, 13 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,054.05	205.07
		For >35 To 70, Deduct	*-49.34*	
		For >70 To 100, Deduct	*-82.23*	
		For >100, Deduct	*-115.12*	
23 81 13 11-0009	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,164.94	231.11
		For >35 To 70, Deduct	*-51.10*	
		For >70 To 100, Deduct	*-85.16*	
		For >100, Deduct	*-119.23*	
23 81 13 11-0010	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,244.80	246.30
		For >35 To 70, Deduct	*-52.55*	
		For >70 To 100, Deduct	*-87.58*	
		For >100, Deduct	*-122.61*	
23 81 13 11-0011	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,450.21	264.75
		For >35 To 70, Deduct	*-57.63*	
		For >70 To 100, Deduct	*-96.05*	
		For >100, Deduct	*-134.47*	

23 81 13 11-0012 Packaged Terminal Air-Conditioners, Through-Wall Unit Sleeve *(23 81 13 11)*

Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.

23 81 13 11-0013	EA	Up To 10,000 BTU Unit, Thru Wall A/C Sleeve	89.15
23 81 13 11-0014	EA	>10,000 To 20,000 BTU Unit, Thru Wall A/C Sleeve	100.69
23 81 13 11-0015	EA	>20,000 To 30,000 BTU Unit, Thru Wall A/C Sleeve	112.22

23 81 13 11-0016 Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13 11)*

Note: Includes storage and cleaning.

23 81 13 11-0017	EA	Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units	199.42

23 81 13 12 Packaged Terminal Air-Conditioners, Freestanding Units *(23 81 13)*

23 81 13 12-0001 Portable Air Condioning Unit *(23 81 13 12)*

23 81 13 12-0002	EA	11,800 BTU/H, 115 Volt, Portable Air Conditioning Unit (MovinCool Office Pro 12)	4,950.20	
		For HDK 12", 2X2 Metal, With Flex, Add	*216.99*	
		For C PLEN-OP12/18- LAY84270-008A, Add	*512.09*	
23 81 13 12-0003	EA	16,800 BTU/H, 115 Volt, Portable Air Conditioning Unit (MovinCool Office Pro 18)	5,477.36	
		For HDK 12", 2X2 Metal, With Flex, Add	*216.99*	
		For C PLEN-OP12/18- LAY84270-008A, Add	*512.09*	
23 81 13 12-0004	EA	24,000 BTU/H, 115 Volt, Portable Air Conditioning Unit (MovinCool Office Pro 24)	6,324.06	
		For HDK 12", 2X2 Metal, With Flex, Add	*216.99*	
		For C PLEN-OP12/18- LAY84270-008A, Add	*512.09*	

23 81 13 13 Packaged Terminal Air-Conditioners, Outdoor, Wall-Mounted Units *(23 81 13)*

23 81 13 13-0001 Single Package Vertical Wall Cooling Unit *(23 81 13 13)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0942 for crane lifting equipment.

23 81 13 13-0002	EA	1/2 Ton Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	4,770.96	226.83
23 81 13 13-0003	EA	1 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	7,271.33	237.63
23 81 13 13-0004	EA	1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	9,521.76	248.44
23 81 13 13-0005	EA	2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	10,953.40	270.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 13 13-0006	EA	2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	13,743.62	313.24
23 81 13 13-0007	EA	3 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	14,735.22	388.85
23 81 13 13-0008	EA	3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	16,312.22	432.05
23 81 13 13-0009	EA	4 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	17,962.31	486.07
23 81 13 13-0010	EA	5 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	20,202.86	583.28
23 81 13 13-0011	EA	7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	26,121.34	723.70
23 81 13 13-0012	EA	10 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	31,138.12	972.14
23 81 13 13-0013	EA	15 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	43,693.33	1,188.16
23 81 13 13-0014	EA	20 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	50,329.38	1,414.99
23 81 13 13-0015	EA	25 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	60,174.91	1,587.82

23 81 16 Room Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 16 00-0001 Window Unit, Room Air-Conditioners *(23 81 16)*

23 81 16 00-0002 Cooling Only, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*

23 81 16 00-0003 Cooling Only, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0002)*

23 81 16 00-0004	EA	5,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0533Q1)	485.24	104.69
		For >10 To 50, Deduct	*-13.79*	
		For >50 To 75, Deduct	*-19.31*	
		For >75 To 100, Deduct	*-27.59*	
		For >100, Deduct	*-33.10*	
23 81 16 00-0005	EA	6,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0633Q1)	512.97	104.69
		For >10 To 50, Deduct	*-15.18*	
		For >50 To 75, Deduct	*-21.25*	
		For >75 To 100, Deduct	*-30.36*	
		For >100, Deduct	*-36.43*	
23 81 16 00-0006	EA	8,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0833U1)	582.28	104.69
		For >10 To 50, Deduct	*-18.64*	
		For >50 To 75, Deduct	*-26.10*	
		For >75 To 100, Deduct	*-37.29*	
		For >100, Deduct	*-44.75*	
23 81 16 00-0007	EA	10,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1033U1)	679.31	104.69
		For >10 To 50, Deduct	*-23.50*	
		For >50 To 75, Deduct	*-32.89*	
		For >75 To 100, Deduct	*-46.99*	
		For >100, Deduct	*-56.39*	
23 81 16 00-0008	EA	12,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1233Q1)	804.07	104.69
		For >10 To 50, Deduct	*-29.73*	
		For >50 To 75, Deduct	*-41.63*	
		For >75 To 100, Deduct	*-59.47*	
		For >100, Deduct	*-71.36*	
23 81 16 00-0009	EA	15,100 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1)	942.69	104.69
		For >10 To 50, Deduct	*-36.67*	
		For >50 To 75, Deduct	*-51.33*	
		For >75 To 100, Deduct	*-73.33*	
		For >100, Deduct	*-88.00*	
23 81 16 00-0010	EA	8,000 BTU, 10.9 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS0833Q1)	887.24	104.69
		For >10 To 50, Deduct	*-33.89*	
		For >50 To 75, Deduct	*-47.45*	
		For >75 To 100, Deduct	*-67.79*	
		For >100, Deduct	*-81.34*	
23 81 16 00-0011	EA	10,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1022Q1)	956.55	104.69
		For >10 To 50, Deduct	*-37.36*	
		For >50 To 75, Deduct	*-52.30*	
		For >75 To 100, Deduct	*-74.72*	
		For >100, Deduct	*-89.66*	
23 81 16 00-0012	EA	12,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1222Q1)	1,012.00	104.69
		For >10 To 50, Deduct	*-40.13*	
		For >50 To 75, Deduct	*-56.18*	
		For >75 To 100, Deduct	*-80.26*	
		For >100, Deduct	*-96.31*	
23 81 16 00-0013	EA	18,500 BTU, 11.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1833Q2)	1,067.45	104.69
		For >10 To 50, Deduct	*-42.90*	
		For >50 To 75, Deduct	*-60.06*	
		For >75 To 100, Deduct	*-85.81*	
		For >100, Deduct	*-102.97*	
23 81 16 00-0014	EA	22,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2233S2)	1,178.34	104.69
		For >10 To 50, Deduct	*-48.45*	
		For >50 To 75, Deduct	*-67.83*	
		For >75 To 100, Deduct	*-96.90*	
		For >100, Deduct	*-116.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0015	EA	25,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2533S2)	1,192.21	104.69
		For >10 To 50, Deduct	*-49.14*	
		For >50 To 75, Deduct	*-68.80*	
		For >75 To 100, Deduct	*-98.28*	
		For >100, Deduct	*-117.94*	
23 81 16 00-0016	EA	28,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRA2822R2)	1,812.68	104.69
		For >10 To 50, Deduct	*-80.16*	
		For >50 To 75, Deduct	*-112.23*	
		For >75 To 100, Deduct	*-160.33*	
		For >100, Deduct	*-192.39*	

23 81 16 00-0017 Cooling Only, Window Unit, Room Air-Conditioners (Friedrich Kuhl) *(23 81 16 00-0002)*

23 81 16 00-0018	EA	8,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS08N10C)	1,926.20	104.69
23 81 16 00-0019	EA	10,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS10N10C)	2,117.14	104.69
23 81 16 00-0020	EA	11,900 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N10C)	2,203.94	104.69
23 81 16 00-0021	EA	12,000 BTU, 12.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N30C)	2,238.66	104.69
23 81 16 00-0022	EA	20,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM18N30C)	2,551.12	104.69
23 81 16 00-0023	EA	24,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL24N30C)	3,332.27	104.69
23 81 16 00-0024	EA	28,000 BTU, 10.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL28N30C)	3,592.66	104.69
23 81 16 00-0025	EA	36,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL36N30B)	3,939.84	104.69

23 81 16 00-0026 Heating And Cooling, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*

23 81 16 00-0027 Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0026)*

23 81 16 00-0028	EA	8,000 BTU, 9.8 EER, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH0822R1)	1,012.00	104.69
		For >10 To 50, Deduct	*-40.13*	
		For >50 To 75, Deduct	*-56.18*	
		For >75 To 100, Deduct	*-80.26*	
		For >100, Deduct	*-96.31*	
23 81 16 00-0029	EA	12,000 BTU, 10.9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1222R2)	1,164.48	104.69
		For >10 To 50, Deduct	*-47.75*	
		For >50 To 75, Deduct	*-66.86*	
		For >75 To 100, Deduct	*-95.51*	
		For >100, Deduct	*-114.61*	
23 81 16 00-0030	EA	18,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1822R2)	1,247.65	104.69
		For >10 To 50, Deduct	*-51.91*	
		For >50 To 75, Deduct	*-72.68*	
		For >75 To 100, Deduct	*-103.83*	
		For >100, Deduct	*-124.59*	
23 81 16 00-0031	EA	25,000 BTU, 9.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH2522R2)	1,552.62	104.69
		For >10 To 50, Deduct	*-67.16*	
		For >50 To 75, Deduct	*-94.03*	
		For >75 To 100, Deduct	*-134.32*	
		For >100, Deduct	*-161.19*	

23 81 16 00-0032 Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 16 00-0026)*

23 81 16 00-0033	EA	12,000 BTU, 11.3 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES12N33B)	2,325.45	104.69

23 81 16 00-0034 Accessories *(23 81 16 00-0001)*

23 81 16 00-0035	SET	Aluminum Air Conditioner Unit Frame And Bracket Assembly	574.42	59.67

23 81 16 00-0036 Removal And Reinstallation Of Room Air-Conditioners *(23 81 16)*

Note: Includes storage and cleaning.

23 81 16 00-0037	EA	Removal And Reinstallation Of Room Air-Conditioning Unit In Window Lower Sash	124.63	
23 81 16 00-0038	EA	Removal And Reinstallation Of Room Air-Conditioning Unit In Window Upper Sash	271.23	

23 81 16 00-0039 Through-The-Wall, Room Air-Conditioners *(23 81 16)*

Note: Base unit excludes wall sleeve.

23 81 16 00-0040 Cooling Only, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)*

23 81 16 00-0041 Cooling Only, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0040)*

23 81 16 00-0042	EA	8,000 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08D10A)	1,449.76	74.78
		For >10 To 50, Deduct	*-65.01*	
		For >50 To 75, Deduct	*-91.01*	
		For >75 To 100, Deduct	*-130.02*	
		For >100, Deduct	*-156.02*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*268.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0043	EA	9,800 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D10B)	1,571.27	74.78
		For >10 To 50, Deduct	*-71.09*	
		For >50 To 75, Deduct	*-99.52*	
		For >75 To 100, Deduct	*-142.17*	
		For >100, Deduct	*-170.60*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*268.82*	
23 81 16 00-0044	EA	12,000 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D10A)	1,796.94	74.78
		For >10 To 50, Deduct	*-82.37*	
		For >50 To 75, Deduct	*-115.32*	
		For >75 To 100, Deduct	*-164.74*	
		For >100, Deduct	*-197.68*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*268.82*	
23 81 16 00-0045	EA	10,000 BTU, 10.7 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D30A)	1,571.27	74.78
		For >10 To 50, Deduct	*-71.09*	
		For >50 To 75, Deduct	*-99.52*	
		For >75 To 100, Deduct	*-142.17*	
		For >100, Deduct	*-170.60*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*268.82*	
23 81 16 00-0046	EA	12,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D30A)	1,796.94	74.78
		For >10 To 50, Deduct	*-82.37*	
		For >50 To 75, Deduct	*-115.32*	
		For >75 To 100, Deduct	*-164.74*	
		For >100, Deduct	*-197.68*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*268.82*	

23 81 16 00-0047 Heating And Cooling, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)*

23 81 16 00-0048 Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0047)*

23 81 16 00-0049	EA	10,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE10D33)	1,849.02	74.78
		For >10 To 50, Deduct	*-84.97*	
		For >50 To 75, Deduct	*-118.96*	
		For >75 To 100, Deduct	*-169.95*	
		For >100, Deduct	*-203.93*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*268.82*	
23 81 16 00-0050	EA	12,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE12D33)	1,987.89	74.78
		For >10 To 50, Deduct	*-91.92*	
		For >50 To 75, Deduct	*-128.68*	
		For >75 To 100, Deduct	*-183.83*	
		For >100, Deduct	*-220.60*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*268.82*	

23 81 23 Computer-Room Air-Conditioners *(23 81)*

Note: Includes equipment rigging. Indoor units include filters.

23 81 23 12 Large-Capacity, Computer-Room Air-Conditioners, Floor Mounted Units *(23 81 23)*

23 81 23 12-0001 Floor Mounted Air Cooled Direct Expansion Type *(23 81 23 12)*

Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control. Excludes precharged copper pipe.

23 81 23 12-0002	EA	3 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	37,339.88	2,128.18
		For Liebert Unit, Add	*4,268.01*	
23 81 23 12-0003	EA	5 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	41,215.83	2,327.69
		For Liebert Unit, Add	*4,713.12*	
23 81 23 12-0004	EA	6 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	57,246.21	2,660.22
		For Liebert Unit, Add	*6,661.19*	
23 81 23 12-0005	EA	8 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	62,688.42	2,826.49
		For Liebert Unit, Add	*7,310.56*	
23 81 23 12-0006	EA	10 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	68,130.64	2,992.75
		For Liebert Unit, Add	*7,959.92*	
23 81 23 12-0007	EA	16 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	76,241.02	3,591.29
		For Liebert Unit, Add	*8,852.76*	
23 81 23 12-0008	EA	20 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	86,183.60	3,990.33
		For Liebert Unit, Add	*10,031.07*	
23 81 23 12-0009	EA	22 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	90,179.96	4,121.94
		For Liebert Unit, Add	*10,502.25*	
23 81 23 12-0010	EA	24 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	98,252.13	4,256.35
		For Liebert Unit, Add	*11,482.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 12-0011	EA	30 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	106,223.57	4,788.39
		For Liebert Unit, Add	*12,387.69*	

23 81 23 12-0012 Floor Mounted Chilled Water Type *(23 81 23 12)*

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for chilled water source.

23 81 23 12-0013	EA	3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	22,315.01	1,458.24
		For Liebert Unit, Add	*2,546.34*	
23 81 23 12-0014	EA	5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	23,975.01	1,615.27
		For Liebert Unit, Add	*2,727.67*	
23 81 23 12-0015	EA	12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	29,603.46	2,460.30
		For Liebert Unit, Add	*3,290.38*	
23 81 23 12-0016	EA	16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	30,959.14	2,492.71
		For Liebert Unit, Add	*3,454.49*	
23 81 23 12-0017	EA	20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	32,147.65	2,592.42
		For Liebert Unit, Add	*3,584.73*	
23 81 23 12-0018	EA	22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	32,883.49	2,841.69
		For Liebert Unit, Add	*3,636.82*	
23 81 23 12-0019	EA	31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	34,874.60	3,090.96
		For Liebert Unit, Add	*3,845.20*	

23 81 23 12-0020 Floor Mounted Water Source *(23 81 23 12)*

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes water source.

23 81 23 12-0021	EA	3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	17,241.68	1,330.11
		For Liebert Unit, Add	*1,906.74*	
23 81 23 12-0022	EA	5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	18,984.30	1,396.62
		For Liebert Unit, Add	*2,112.08*	
23 81 23 12-0023	EA	6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	24,656.72	1,463.13
		For Liebert Unit, Add	*2,808.77*	
23 81 23 12-0024	EA	8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	26,568.35	1,596.13
		For Liebert Unit, Add	*3,021.44*	
23 81 23 12-0025	EA	10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	29,349.52	1,729.14
		For Liebert Unit, Add	*3,344.12*	
23 81 23 12-0026	EA	12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	30,492.45	1,862.15
		For Liebert Unit, Add	*3,461.46*	
23 81 23 12-0027	EA	15 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	31,832.53	1,995.16
		For Liebert Unit, Add	*3,608.13*	
23 81 23 12-0028	EA	20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	32,724.38	2,128.18
		For Liebert Unit, Add	*3,696.13*	
23 81 23 12-0029	EA	25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	37,413.58	2,527.21
		For Liebert Unit, Add	*4,204.59*	

23 81 23 12-0030 Floor Mounted Glycol System Type *(23 81 23 12)*

Note: Includes drycoolers, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for water source.

23 81 23 12-0031	EA	3 Ton Computer Room Air Conditioner, Glycol System Type	45,619.43	1,458.24
		For Liebert Unit, Add	*5,459.39*	
23 81 23 12-0032	EA	5 Ton Computer Room Air Conditioner, Glycol System Type	49,078.62	1,615.27
		For Liebert Unit, Add	*5,865.62*	
23 81 23 12-0033	EA	6 Ton Computer Room Air Conditioner, Glycol System Type	76,125.28	1,809.71
		For Liebert Unit, Add	*9,214.04*	
23 81 23 12-0034	EA	9 Ton Computer Room Air Conditioner, Glycol System Type	78,469.65	2,004.14
		For Liebert Unit, Add	*9,474.69*	
23 81 23 12-0035	EA	10 Ton Computer Room Air Conditioner, Glycol System Type	83,951.12	2,198.57
		For Liebert Unit, Add	*10,127.46*	
23 81 23 12-0036	EA	16 Ton Computer Room Air Conditioner, Glycol System Type	100,552.61	2,492.71
		For Liebert Unit, Add	*12,151.55*	
23 81 23 12-0037	EA	20 Ton Computer Room Air Conditioner, Glycol System Type	110,337.71	2,592.42
		For Liebert Unit, Add	*13,358.48*	
23 81 23 12-0038	EA	22 Ton Computer Room Air Conditioner, Glycol System Type	114,338.66	2,841.69
		For Liebert Unit, Add	*13,818.72*	
23 81 23 12-0039	EA	30 Ton Computer Room Air Conditioner, Glycol System Type	139,496.48	3,090.96
		For Liebert Unit, Add	*16,922.94*	

23 81 23 12-0040 Removal And Reinstallation Of Computer Room Unit *(23 81 23 12)*

Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.

23 81 23 12-0041	EA	Removal And Reinstallation Up To 6 Ton, Floor Mounted Chilled Water Computer Room Unit	1,994.17
23 81 23 12-0042	EA	Removal And Reinstallation Up To 6 Ton Direct Expansion Computer Room Unit	1,661.81

23 81 23 13 Computer-Room Air-Conditioners, Ceiling Mounted Units *(23 81 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 13-0001		Ceiling Mounted Packaged Computer Room Air Conditioner *(23 81 23 13)* Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control.		
23 81 23 13-0002	EA	1 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	14,859.72	632.15
		For Liebert Unit, Add	*1,738.99*	
23 81 23 13-0003	EA	1.5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	16,417.07	759.18
		For Liebert Unit, Add	*1,909.86*	
23 81 23 13-0004	EA	2 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	18,732.62	950.12
		For Liebert Unit, Add	*2,163.53*	
23 81 23 13-0005	EA	3 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	23,028.81	1,108.46
		For Liebert Unit, Add	*2,670.88*	
23 81 23 13-0006	EA	5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	31,290.89	1,204.77
		For Liebert Unit, Add	*3,685.57*	
23 81 23 13-0007		Horizontal Indoor Single Package Cooling Unit *(23 81 23 13)* Note: Carrier 50AH With indoor scroll compressor, plenum mounted.		
23 81 23 13-0008	EA	2 Ton Horizontal Indoor Single-Package Cooling Unit, 800 CFM Nominal	19,372.52	598.25
23 81 23 13-0009	EA	3 Ton Horizontal Indoor Single-Package Cooling Unit, 1,200 CFM Nominal	22,693.26	747.81
23 81 23 13-0010	EA	4 Ton Horizontal Indoor Single-Package Cooling Unit, 1,600 CFM Nominal	26,417.61	897.37
23 81 23 13-0011	EA	5 Ton Horizontal Indoor Single-Package Cooling Unit, 2,000 CFM Nominal	30,761.78	997.09
23 81 26		**Split-System Air-Conditioners** *(23 81)*		
23 81 26 13		**Small-Capacity Split-System Air-Conditioners** *(23 81 26)*		
23 81 26 13-0001		Split System A/C Unit *(23 81 26 13)* See CSI section 23 23 16 00-0001 for piping.		
23 81 26 13-0002		Ductless Split System Air Conditioners *(23 81 26 13-0001)* Note: Excludes refrigerant piping, electrical, and pad. Panasonic units or equal. See CSI section 23 81 49 00-0025 for ductless heat pumps.		
23 81 26 13-0003		Wall Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*		
23 81 26 13-0004	EA	9,000 BTU, 16 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,105.82	329.03
23 81 26 13-0005	EA	11,900 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioner Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,278.44	358.95
23 81 26 13-0006	EA	17,500 BTU, 20 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,854.85	398.84
23 81 26 13-0007	EA	24,200 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,170.91	438.72
23 81 26 13-0008	EA	25,200 BTU, 14.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,915.87	478.60
23 81 26 13-0009	EA	29,800 BTU, 15 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,732.68	498.54
23 81 26 13-0010	EA	31,400 BTU, 15.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,292.24	531.44
23 81 26 13-0011		Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)* Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 26 13-0012	EA	7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	904.88	159.54
23 81 26 13-0013	EA	9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	955.85	169.51
23 81 26 13-0014	EA	11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,007.70	179.48
23 81 26 13-0015	EA	17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,141.27	189.45
23 81 26 13-0016	EA	24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,220.95	199.42
23 81 26 13-0017	EA	19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,534.39	239.30
23 81 26 13-0018	EA	25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,804.19	259.24
23 81 26 13-0019	EA	30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	4,456.49	279.18
23 81 26 13-0020		Suspended Ceiling Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)* Note: Excludes hangers.		
23 81 26 13-0021	EA	24,400 BTU, 14.5 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,268.98	478.60
23 81 26 13-0022	EA	31,200 BTU, 15.1 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,420.97	571.33
23 81 26 13-0023	EA	39,000 BTU, 15.6 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,852.83	598.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 13-0024		**Recessed Ceiling Mounted Ductless Split System Air Conditioners** *(23 81 26 13-0002)*		
		Note: Excludes hangers.		
23 81 26 13-0025	EA	11,900 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners	3,218.43	398.84
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 26 13-0026	EA	17,500 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners	3,755.34	438.72
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 26 13-0027	EA	24,800 BTU, 14.1 SEER, Ceiling Recessed Ductless Split System Air Conditioners	5,234.02	518.48
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 26 13-0028	EA	32,600 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners	6,061.88	571.33
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 26 13-0029	EA	39,500 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners	7,673.28	598.25
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 26 13-0030		**Ductless Split System Accessories** *(23 81 26 13-0002)*		
23 81 26 13-0031	LF	3" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	12.96	1.43
23 81 26 13-0032	LF	4" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	16.85	1.57
23 81 26 13-0033	LF	6" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	21.13	1.73
23 81 26 13-0034	EA	3" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	21.57	2.68
23 81 26 13-0035	EA	4" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	38.10	2.95
23 81 26 13-0036	EA	6" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	43.49	3.24
23 81 26 13-0037	EA	3" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	54.39	5.36
23 81 26 13-0038	EA	4" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	91.94	5.89
23 81 26 13-0039	EA	6" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	102.70	6.49
23 81 26 13-0040	EA	3" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	73.44	5.71
23 81 26 13-0041	EA	4" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	86.39	6.29
23 81 26 13-0042	EA	6" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	135.45	6.91
23 81 26 13-0043	EA	3" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	54.39	5.36
23 81 26 13-0044	EA	4" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	91.94	5.89
23 81 26 13-0045	EA	6" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	102.70	6.49
23 81 26 13-0046	EA	3" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	69.70	8.93
23 81 26 13-0047	EA	4" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	103.85	9.82
23 81 26 13-0048	EA	6" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	124.78	10.81
23 81 26 13-0049	EA	2-1/2" Wall Sleeve, Rigid Polyvinyl Chloride (PVC) Line Set Covers	41.32	1.78
23 81 26 13-0050	EA	3" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	43.16	5.36
23 81 26 13-0051	EA	4" x 20' Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	71.73	5.89
23 81 26 13-0052	EA	3" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	38.67	5.36
23 81 26 13-0053	EA	4" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	53.77	5.89
23 81 26 13-0054	EA	6" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	57.79	6.49
23 81 26 13-0055	EA	4" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	199.02	7.14
23 81 26 13-0056	EA	6" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	225.88	7.86
23 81 26 13-0057	EA	14" Condensing Unit Mounting Blocks With End Caps	112.59	26.79
23 81 26 13-0058	EA	17" Condensing Unit Mounting Blocks With End Caps	124.74	28.58
23 81 26 13-0059	EA	36" Condensing Unit Mounting Blocks With End Caps	175.06	30.36
23 81 26 13-0060	EA	End Cap, Set of 4	22.43	
23 81 26 13-0061	EA	18" Condensing Unit Type 2 Wall Bracket, 165 LB Capacity	241.06	53.58
23 81 26 13-0062	EA	21" Condensing Unit Type 2 Wall Bracket, 220 LB Capacity	255.72	57.16
23 81 26 13-0063	LF	5/8" ID Condensate Drain Line	2.92	0.14
23 81 26 13-0064	LF	3/4" ID Condensate Drain Line	3.03	0.14
23 81 26 13-0065		**Cased A/C Evaporator Coils** *(23 81 26 13-0001)*		
23 81 26 13-0066		**Vertical Cased A/C Evaporator Coils** *(23 81 26 13-0065)*		
23 81 26 13-0067	EA	1-1/2 Ton Vertical Cased A/C Evaporator Coil	673.57	108.50
23 81 26 13-0068	EA	2 Ton Vertical Cased A/C Evaporator Coil	702.61	116.64
23 81 26 13-0069	EA	2-1/2 Ton Vertical Cased A/C Evaporator Coil	835.77	124.77
23 81 26 13-0070	EA	3 Ton Vertical Cased A/C Evaporator Coil	952.51	132.92
23 81 26 13-0071	EA	3-1/2 Ton Vertical Cased A/C Evaporator Coil	1,102.15	138.34
23 81 26 13-0072	EA	4 Ton Vertical Cased A/C Evaporator Coil	1,229.88	143.76
23 81 26 13-0073	EA	4-1/2 Ton Vertical Cased A/C Evaporator Coil	1,320.98	154.62
23 81 26 13-0074	EA	5 Ton Vertical Cased A/C Evaporator Coil	1,329.97	162.76
23 81 26 13-0075		**"A" Style Horizontal Cased A/C Evaporator Coils** *(23 81 26 13-0065)*		
23 81 26 13-0076	EA	2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	825.09	111.22
23 81 26 13-0077	EA	2-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	948.92	117.46
23 81 26 13-0078	EA	3 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,086.72	124.77
23 81 26 13-0079	EA	3-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,126.03	129.28
23 81 26 13-0080	EA	4 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,178.91	135.63
23 81 26 13-0081	EA	4-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,193.15	142.68
23 81 26 13-0082	EA	5 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,207.12	149.73
23 81 26 13-0083		**Slab Style Horizontal Cased A/C Evaporator Coils** *(23 81 26 13-0065)*		
23 81 26 13-0084	EA	2 Ton Slab Style Horizontal Cased A/C Evaporator Coil	720.99	111.22
23 81 26 13-0085	EA	3 Ton Slab Style Horizontal Cased A/C Evaporator Coil	865.74	124.77
23 81 26 13-0086	EA	4 Ton Slab Style Horizontal Cased A/C Evaporator Coil	999.94	135.63
23 81 26 13-0087	EA	5 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,205.30	149.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16		**Large-Capacity Split-System Air-Conditioners** *(23 81 26)*		
23 81 26 16-0001		Split System Air Conditioners, Variable Refrigerant Flow (Mitsubishi City Multi) *(23 81 26 16)*		
23 81 26 16-0002		Outdoor Units *(23 81 26 16-0001)*		
23 81 26 16-0003	EA	6 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P72YKMU-A)	16,237.37	523.47
23 81 26 16-0004	EA	8 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P96YKMU-A)	17,590.12	623.17
23 81 26 16-0005	EA	10 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P120YKMU-A)	19,791.17	747.81
23 81 26 16-0006	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YKMU-A)	24,405.05	772.74
23 81 26 16-0007	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YSKMU-A)	32,528.20	797.67
23 81 26 16-0008	EA	14 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P168YSKMU-A)	33,731.39	822.59
23 81 26 16-0009	EA	16 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P192YSKMU-A)	34,934.57	847.52
23 81 26 16-0010	EA	18 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P216YSKMU-A)	36,986.07	897.37
23 81 26 16-0011	EA	20 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P240YSKMU-A)	39,037.57	947.23
23 81 26 16-0012	EA	22 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P264YSKMU-A)	43,701.31	997.09
23 81 26 16-0013	EA	24 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P288YSKMU-A)	48,365.04	1,046.94
23 81 26 16-0014		Indoor Units *(23 81 26 16-0001)*		
23 81 26 16-0015	EA	6 MBH Cooling, 6.7 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P06NBMU-E2)	1,654.81	162.03
23 81 26 16-0016	EA	8 MBH Cooling, 9 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P08NHMU-E2)	1,738.89	174.49
23 81 26 16-0017	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P12NHMU-E2)	1,813.10	186.96
23 81 26 16-0018	EA	15 MBH Cooling, 17 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P15NHMU-E2)	1,902.11	199.42
23 81 26 16-0019	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P18NHMU-E2)	2,055.75	236.81
23 81 26 16-0020	EA	24 MBH Cooling, 27 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P24NKMU-E2)	2,290.50	286.66
23 81 26 16-0021	EA	30 MBH Cooling, 34 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P30NKMU-E2)	2,481.31	311.59
23 81 26 16-0022	EA	6 MBH Cooling, 6.7 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P06NMAU-E3)	2,411.74	178.23
23 81 26 16-0023	EA	8 MBH Cooling, 9 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P08NMAU-E3)	2,493.38	191.94
23 81 26 16-0024	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P12NMAU-E3)	2,629.24	205.65
23 81 26 16-0025	EA	15 MBH Cooling, 17 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P15NMAU-E3)	2,853.81	219.36
23 81 26 16-0026	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P18NMAU-E3)	3,005.07	260.49
23 81 26 16-0027	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P24NMAU-E3)	3,292.18	315.33
23 81 26 16-0028	EA	27 MBH Cooling, 30 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P27NMAU-E3)	3,462.54	329.03
23 81 26 16-0029	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P30NMAU-E3)	3,652.61	342.74
23 81 26 16-0030	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P36NMAU-E3)	4,051.39	377.02
23 81 26 16-0031	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P48NMAU-E3)	4,491.52	414.72
23 81 26 16-0032	EA	54 MBH Cooling, 60 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P54NMAU-E3)	4,860.33	456.20
23 81 26 16-0033	EA	72 MBH Cooling, 80 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P72NMHSU-E)	6,178.82	501.82
23 81 26 16-0034	EA	96 MBH Cooling, 108 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P96NMHSU-E)	7,018.51	552.00
23 81 26 16-0035	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP12NEMU-E)	2,740.63	205.65
23 81 26 16-0036	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP15NEMU-E)	2,889.30	219.36
23 81 26 16-0037	EA	18 MBH Cooling, 20 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP18NEMU-E)	3,043.52	260.49
23 81 26 16-0038	EA	24 MBH Cooling, 27 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP24NEMU-E)	3,406.53	315.33
23 81 26 16-0039	EA	30 MBH Cooling, 34 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP30NEMU-E)	3,669.37	342.74
23 81 26 16-0040	EA	36 MBH Cooling, 40 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP36NEMU-E)	4,499.90	377.03
23 81 26 16-0041	EA	6 MBH Cooling, 6.7 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P06NBMU-ER5)	2,465.96	178.23
23 81 26 16-0042	EA	8 MBH Cooling, 9 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P08NBMU-ER5)	2,591.95	191.94
23 81 26 16-0043	EA	12 MBH Cooling, 13.5 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P12NBMU-ER5)	2,786.96	205.65
23 81 26 16-0044	EA	15 MBH Cooling, 17 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P15NBMU-ER5)	2,932.67	219.36
23 81 26 16-0045	EA	8 MBH Cooling, 9 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P08NCMU-ER4)	2,276.51	191.94
23 81 26 16-0046	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NCMU-ER4)	2,392.66	205.65
23 81 26 16-0047	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NCMU-ER4)	2,513.73	219.36
23 81 26 16-0048		Controllers For Outdoor Units *(23 81 26 16-0001)*		
23 81 26 16-0049	EA	8 Branch (Main BC) (Mitsubishi CMB-P108NU-HA1)	8,825.87	149.57
23 81 26 16-0050	EA	10 Branch (Main BC) (Mitsubishi CMB-P1010NU-HA1)	10,206.49	174.49
23 81 26 16-0051	EA	13 Branch (Main BC) (Mitsubishi CMB-P1013NU-GA)	11,276.60	199.42
23 81 26 16-0052	EA	16 Branch (Main BC) (Mitsubishi CMB-P1016NU-HA)	13,386.68	224.35
23 81 26 16-0053	EA	4 Branch (Sub BC) (Mitsubishi CMB-P104NU-GB)	4,916.24	99.70
23 81 26 16-0054	EA	8 Branch (Sub BC) (Mitsubishi CMB-P108NU-GB)	7,573.96	149.57
23 81 26 16-0055	EA	16 Branch (Sub BC) (Mitsubishi CMB-P1016NU-HB)	11,577.82	224.35
23 81 26 16-0056		Energy Recovery Units *(23 81 26 16-0001)*		
23 81 26 16-0057	EA	36.2 MBH Cooling, 39.9 MBH Heating Hydronic Heat Exchanger Auxiliary Unit (Mitsubishi PWFY-P36NMU-E2-AU)	6,233.34	149.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0058	EA	39.9 MBH Hydronic Heat Exchanger Booster Unit (Mitsubishi PWFY-P36NMU-E-BU)	11,832.41	149.57
23 81 26 16-0059	EA	112 MBH Cooling, 61.4 MBH Heating Reheat Unit (Mitsubishi PEFY-AF1200CFMR)	11,995.63	174.49
23 81 26 16-0060	EA	Lossnay Energy Recovery Ventilator ERV, 300 CFM (Mitsubishi LGH-F300RX5-E)	2,467.21	124.63
23 81 26 16-0061	EA	Lossnay Energy Recovery Ventilator ERV, 470 CFM (Mitsubishi LGH-F470RX5-E)	3,152.42	129.62
23 81 26 16-0062	EA	Lossnay Energy Recovery Ventilator ERV, 600 CFM (Mitsubishi LGH-F600RX5-E)	3,763.70	134.61
23 81 26 16-0063	EA	Lossnay Energy Recovery Ventilator ERV, 1,200 CFM (Mitsubishi LGH-F1200RX5-E1)	6,888.87	149.57
23 81 26 16-0064		Piping Specialties *(23 81 26 16-0001)*		
23 81 26 16-0065	EA	Maintenance Tool Interface (Mitsubishi CMS-MNG-E)	877.32	
23 81 26 16-0066	EA	Branch Joint (Mitsubishi CMY-Y102SS-G2)	229.20	41.21
23 81 26 16-0067	EA	Branch Joint (Mitsubishi CMY-Y102LS-G2)	229.20	41.21
23 81 26 16-0068	EA	Branch Joint (Mitsubishi CMY-Y202S-G2)	254.34	43.39
23 81 26 16-0069	EA	Branch Joint (Mitsubishi CMY-Y302S-G2)	319.40	48.81
23 81 26 16-0070	EA	Header - 4 Branch (Mitsubishi CMY-Y64-G-E)	417.00	70.49
23 81 26 16-0071	EA	Header - 8 Branch (Mitsubishi CMY-Y68-G-E)	705.85	140.99
23 81 26 16-0072	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 3/8" (Mitsubishi BV38FFSI)	128.35	17.36
23 81 26 16-0073	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 5/8" (Mitsubishi BV58FFSI)	144.32	23.86
23 81 26 16-0074		Split System Air Conditioners (Daikin VRV) *(23 81 26 16)*		
23 81 26 16-0075		Heat Pump Outdoor Units *(23 81 26 16-0074)*		
23 81 26 16-0076	EA	6 Ton Heat Pump Outdoor Unit (Daikin RXYQ72PBTJ)	24,224.66	523.47
23 81 26 16-0077	EA	8 Ton Heat Pump Outdoor Unit (Daikin RXYQ96PBTJ)	27,067.15	623.17
23 81 26 16-0078	EA	10 Ton Heat Pump Outdoor Unit (Daikin RXYQ120PBTJ)	30,162.81	747.81
23 81 26 16-0079	EA	12 Ton Heat Pump Outdoor Unit (Daikin RXYQ144PBTJ)	37,735.25	772.74
23 81 26 16-0080	EA	14 Ton Heat Pump Outdoor Unit (Daikin RXYQ168PBTJ)	50,643.70	822.59
23 81 26 16-0081	EA	16 Ton Heat Pump Outdoor Unit (Daikin RXYQ192PBTJ)	53,539.93	847.52
23 81 26 16-0082	EA	18 Ton Heat Pump Outdoor Unit (Daikin RXYQ216PBTJ)	56,282.71	897.37
23 81 26 16-0083	EA	20 Ton Heat Pump Outdoor Unit (Daikin RXYQ240PBTJ)	59,228.81	947.23
23 81 26 16-0084	EA	22 Ton Heat Pump Outdoor Unit (Daikin RXYQ264PBTJ)	76,813.46	997.09
23 81 26 16-0085	EA	24 Ton Heat Pump Outdoor Unit (Daikin RXYQ288PBTJ)	79,759.56	1,046.94
23 81 26 16-0086	EA	26 Ton Heat Pump Outdoor Unit (Daikin RXYQ312PBTJ)	82,705.65	1,096.79
23 81 26 16-0087	EA	28 Ton Heat Pump Outdoor Unit (Daikin RXYQ336PBTJ)	85,448.43	1,146.64
23 81 26 16-0088	EA	30 Ton Heat Pump Outdoor Unit (Daikin RXYQ360PBTJ)	88,394.53	1,196.50
23 81 26 16-0089		Heat Recovery Heat Pump Outdoor Units *(23 81 26 16-0074)*		
23 81 26 16-0090	EA	6 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ72PBTJ)	31,019.83	680.51
23 81 26 16-0091	EA	8 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ96PBTJ)	33,808.98	810.13
23 81 26 16-0092	EA	10 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ120PBTJ)	37,117.51	972.16
23 81 26 16-0093	EA	12 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ144PBTJ)	46,738.06	1,004.56
23 81 26 16-0094	EA	14 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ168PBTJ)	63,336.04	1,069.37
23 81 26 16-0095	EA	16 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ192PBTJ)	68,280.37	1,101.78
23 81 26 16-0096	EA	18 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ216PBTJ)	70,849.76	1,166.58
23 81 26 16-0097	EA	20 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ240PBTJ)	73,419.13	1,231.40
23 81 26 16-0098	EA	22 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ264PBTJ)	96,828.13	1,296.21
23 81 26 16-0099	EA	24 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ288PBTJ)	99,397.50	1,361.02
23 81 26 16-0100	EA	26 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ312PBTJ)	104,406.65	1,425.83
23 81 26 16-0101	EA	28 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ336PBTJ)	106,976.03	1,490.64
23 81 26 16-0102		Indoor Units *(23 81 26 16-0074)*		
23 81 26 16-0103	EA	7.5 MBH Cooling, 8.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ07PVJU)	2,727.36	174.49
23 81 26 16-0104	EA	9.5 MBH Cooling, 10.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ09PVJU)	2,850.50	179.48
23 81 26 16-0105	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ12PVJU)	3,231.79	186.96
23 81 26 16-0106	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ18PVJU)	3,611.55	236.81
23 81 26 16-0107	EA	24 MBH Cooling, 26.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ24PVJU)	3,952.92	286.66
23 81 26 16-0108	EA	7.5 MBH Cooling, 8.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ07PVJU)	4,020.49	191.94
23 81 26 16-0109	EA	9.5 MBH Cooling, 10.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ09PVJU)	4,156.14	197.42
23 81 26 16-0110	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ12PVJU)	4,366.32	109.68
23 81 26 16-0111	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ18PVJU)	4,619.85	260.49
23 81 26 16-0112	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ24PVJU)	5,471.81	315.33
23 81 26 16-0113	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ30PVJU)	6,265.11	342.74
23 81 26 16-0114	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ36PVJU)	6,690.41	377.02
23 81 26 16-0115	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ48PVJU)	6,909.67	414.72
23 81 26 16-0116	EA	7.5 MBH Cooling, 8.7 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ07M7VJU)	4,507.68	191.94
23 81 26 16-0117	EA	9.5 MBH Cooling, 11.1 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ09M7VJU)	4,614.55	197.42
23 81 26 16-0118	EA	12 MBH Cooling, 14 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ12M7VJU)	4,909.13	205.65
23 81 26 16-0119	EA	18 MBH Cooling, 21 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ18M7VJU)	5,220.20	260.49
23 81 26 16-0120		Branch Selector Boxes *(23 81 26 16-0074)*		
23 81 26 16-0121	EA	144 MBH, 4 Branch, Multi Port Branch Selector Box (Daikin BSV4Q36PVJU)	13,867.37	224.35
23 81 26 16-0122	EA	216 MBH, 6 Branch, Multi Port Branch Selector Box (Daikin BSV6Q36PVJU)	20,522.95	299.12
23 81 26 16-0123	EA	36 MBH, 4 Branch, Single Port Branch Selector Box (Daikin BSVQ36PVJU)	2,712.07	99.70
23 81 26 16-0124	EA	60 MBH, 8 Branch, Single Port Branch Selector Box (Daikin BSVQ60PVJU)	3,649.95	149.57
23 81 26 16-0125	EA	96 MBH, 8 Branch, Single Port Branch Selector Box (Daikin BSVQ96PVJU)	4,514.96	224.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0126		Controllers *(23 81 26 16-0074)*		
23 81 26 16-0127	EA	Up To 16 Units, Navigation Controller (Daikin BRC1E71)	822.79	19.94
23 81 26 16-0128	EA	Individual Zone Controller (Daikin BRC2A71)	584.95	19.94
23 81 26 16-0129	EA	Up To 16 Groups, Unified ON/OFF Controller (Daikin DCS301C71)	1,166.12	19.94
23 81 26 16-0130	EA	Up To 64 Units, Multizone Controller (Daikin DCS302C71)	1,647.55	19.94
23 81 26 16-0131	EA	I-Touch Manager Replaced Both Daikin IMP-128 thru 1024 and DCS601C71 (Daikin DCM601A71)	15,243.94	239.30
23 81 26 16-0132	EA	I-Touch Manager D3net Plus Adapter (Daikin DCM601A72)	2,884.69	19.94
23 81 26 16-0133	EA	24 Volt AC, Wired Thermostat For Split A/C Systems (Daikin DACA-TS1-1)	629.59	35.18
23 81 26 16-0134		Energy Recovery Units *(23 81 26 16-0074)*		
23 81 26 16-0135	EA	300 CFM Energy Recovery Unit (Daikin VAM300GVJU)	4,773.95	124.63
23 81 26 16-0136	EA	470 CFM Energy Recovery Unit (Daikin VAM470GVJU)	6,207.11	129.62
23 81 26 16-0137	EA	600 CFM Energy Recovery Unit (Daikin VAM600GVJU)	7,436.96	134.61
23 81 26 16-0138	EA	1,200 CFM Energy Recovery Unit (Daikin VAM1200GVJU)	13,921.11	149.57
23 81 43		**Air-Source Unitary Heat Pumps** *(23 81)*		
23 81 43 00-0001		Single Package Thru-Wall Heat Pumps *(23 81 43)* Note: Air-to-air type with electric heat. Includes throwaway filters. Through the wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls all mounted in a steel cabinet, wall sleeve and outdoor grille. Excludes crane and associated personnel. See CSI section 01 22 23 00-0942 for crane lifting equipment.		
23 81 43 00-0002	EA	1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	2,041.41	162.02
		For Unit Economizer, Add	*273.27*	
		For >35 To 70, Deduct	*-51.85*	
		For >70 To 100, Deduct	*-86.41*	
		For >100, Deduct	*-120.97*	
		For Low Ambient Protection, 0 Degree F, Add	*233.85*	
23 81 43 00-0003	EA	1 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	2,255.03	172.83
		For Unit Economizer, Add	*302.31*	
		For >35 To 70, Deduct	*-57.61*	
		For >70 To 100, Deduct	*-96.01*	
		For >100, Deduct	*-134.41*	
		For Low Ambient Protection, 0 Degree F, Add	*256.53*	
23 81 43 00-0004	EA	1-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	3,867.99	172.83
		For Unit Economizer, Add	*528.12*	
		For >35 To 70, Deduct	*-105.99*	
		For >70 To 100, Deduct	*-176.66*	
		For >100, Deduct	*-247.32*	
		For Low Ambient Protection, 0 Degree F, Add	*401.70*	
23 81 43 00-0005	EA	2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,235.21	172.83
		For Unit Economizer, Add	*578.67*	
		For >35 To 70, Deduct	*-116.36*	
		For >70 To 100, Deduct	*-193.94*	
		For >100, Deduct	*-271.51*	
		For Low Ambient Protection, 0 Degree F, Add	*205.47*	
23 81 43 00-0006	EA	2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,794.47	183.63
		For Unit Economizer, Add	*656.10*	
		For >35 To 70, Deduct	*-132.49*	
		For >70 To 100, Deduct	*-220.82*	
		For >100, Deduct	*-309.15*	
		For Low Ambient Protection, 0 Degree F, Add	*227.01*	
23 81 43 00-0007	EA	3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	5,024.90	194.43
		For Unit Economizer, Add	*688.36*	
		For >35 To 70, Deduct	*-139.41*	
		For >70 To 100, Deduct	*-232.34*	
		For >100, Deduct	*-325.28*	
		For Low Ambient Protection, 0 Degree F, Add	*698.60*	
23 81 43 00-0008	EA	3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	5,660.97	194.43
		For Unit Economizer, Add	*776.55*	
		For >35 To 70, Deduct	*-157.84*	
		For >70 To 100, Deduct	*-263.07*	
		For >100, Deduct	*-368.29*	
		For Low Ambient Protection, 0 Degree F, Add	*783.89*	
23 81 43 00-0009	EA	4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	6,247.82	205.22
		For Unit Economizer, Add	*858.28*	
		For >35 To 70, Deduct	*-175.12*	
		For >70 To 100, Deduct	*-291.87*	
		For >100, Deduct	*-408.62*	
		For Low Ambient Protection, 0 Degree F, Add	*861.47*	
23 81 43 00-0010	EA	5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	7,195.91	237.63
		For Unit Economizer, Add	*988.42*	
		For >35 To 70, Deduct	*-201.62*	
		For >70 To 100, Deduct	*-336.03*	
		For >100, Deduct	*-470.45*	
		For Low Ambient Protection, 0 Degree F, Add	*992.50*	
23 81 43 00-0011	EA	7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	13,207.30	280.83
		For Unit Economizer, Add	*1,826.12*	
		For >35 To 70, Deduct	*-379.04*	
		For >70 To 100, Deduct	*-631.74*	
		For >100, Deduct	*-884.44*	
		For Low Ambient Protection, 0 Degree F, Add	*1,785.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0012	EA	10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	17,006.87	356.44
		For Unit Economizer, Add	*2,352.01*	
		For >35 To 70, Deduct	*-488.50*	
		For >70 To 100, Deduct	*-814.16*	
		For >100, Deduct	*-1,139.82*	
		For Low Ambient Protection, 0 Degree F, Add	*343.76*	
23 81 43 00-0013	EA	12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	20,769.23	399.66
		For Unit Economizer, Add	*2,875.72*	
		For >35 To 70, Deduct	*-599.10*	
		For >70 To 100, Deduct	*-998.50*	
		For >100, Deduct	*-1,397.89*	
		For Low Ambient Protection, 0 Degree F, Add	*399.53*	
23 81 43 00-0014	EA	15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	25,628.50	453.66
		For Unit Economizer, Add	*3,552.13*	
		For >35 To 70, Deduct	*-741.96*	
		For >70 To 100, Deduct	*-1,236.60*	
		For >100, Deduct	*-1,731.24*	
		For Low Ambient Protection, 0 Degree F, Add	*471.45*	
23 81 43 00-0015	EA	20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	34,152.93	486.07
		For Unit Economizer, Add	*4,742.52*	
		For >35 To 70, Deduct	*-995.42*	
		For >70 To 100, Deduct	*-1,659.04*	
		For >100, Deduct	*-2,322.66*	
		For Low Ambient Protection, 0 Degree F, Add	*574.84*	
23 81 43 00-0016	EA	25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	41,152.00	529.27
		For Unit Economizer, Add	*5,718.94*	
		For >35 To 70, Deduct	*-1,202.80*	
		For >70 To 100, Deduct	*-2,004.67*	
		For >100, Deduct	*-2,806.54*	
		For Low Ambient Protection, 0 Degree F, Add	*665.57*	

23 81 43 00-0017 Single Package Vertical Wall Heat Pumps *(23 81 43)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0942 for crane lifting equipment.

23 81 43 00-0018	EA	1/2 Ton Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	3,138.55	216.03
23 81 43 00-0019	EA	1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	3,813.23	237.63
23 81 43 00-0020	EA	1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	4,937.82	248.44
23 81 43 00-0021	EA	2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	5,663.12	270.04
23 81 43 00-0022	EA	2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	7,084.72	313.24
23 81 43 00-0023	EA	3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	7,566.69	356.44
23 81 43 00-0024	EA	3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	8,215.40	399.66
23 81 43 00-0025	EA	4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	9,245.15	442.86
23 81 43 00-0026	EA	5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	10,419.36	529.27

23 81 43 00-0027 Heat Pump, Room Air-Conditioners *(23 81 43)*

Note: Includes throwaway filters and supplemental heat.

23 81 43 00-0028 Heat Pump, Window Unit, Room Air-Conditioners *(23 81 43 00-0027)*

23 81 43 00-0029 Heat Pump, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 43 00-0028)*

23 81 43 00-0030	EA	10,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS10N10C)	2,377.53	104.69
		For >10 To 50, Deduct	*-108.41*	
		For >50 To 75, Deduct	*-151.77*	
		For >75 To 100, Deduct	*-216.81*	
		For >100, Deduct	*-260.18*	
23 81 43 00-0031	EA	12,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS12N33C)	2,689.99	104.69
		For >10 To 50, Deduct	*-124.03*	
		For >50 To 75, Deduct	*-173.64*	
		For >75 To 100, Deduct	*-248.06*	
		For >100, Deduct	*-297.67*	
23 81 43 00-0032	EA	17,500 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich KHM18A34A)	3,158.68	104.69
		For >10 To 50, Deduct	*-147.46*	
		For >50 To 75, Deduct	*-206.45*	
		For >75 To 100, Deduct	*-294.93*	
		For >100, Deduct	*-353.91*	
23 81 43 00-0033	EA	24,000 BTU, 10.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YL24N35D)	3,679.45	104.69
		For >10 To 50, Deduct	*-173.50*	
		For >50 To 75, Deduct	*-242.90*	
		For >75 To 100, Deduct	*-347.01*	
		For >100, Deduct	*-416.41*	

23 81 43 00-0034 Heat Pump, Through-The-Wall, Room Air-Conditioners *(23 81 43 00-0027)*

Note: Base unit excludes wall sleeve.

23 81 43 00-0035 Heat Pump, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 43 00-0034)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0036	EA	9,300 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY09C33D)	2,404.50	74.78
		For >10 To 50, Deduct	*-112.75*	
		For >50 To 75, Deduct	*-157.85*	
		For >75 To 100, Deduct	*-225.49*	
		For >100, Deduct	*-270.59*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*268.82*	
23 81 43 00-0037	EA	11,300 BTU, 9.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY12D33A)	2,404.50	74.78
		For >10 To 50, Deduct	*-112.75*	
		For >50 To 75, Deduct	*-157.85*	
		For >75 To 100, Deduct	*-225.49*	
		For >100, Deduct	*-270.59*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*268.82*	

23 81 46 Water-Source Unitary Heat Pumps *(23 81)*

23 81 46 00-0001 Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pumps *(23 81 46)*

Note: R410a. Includes rubber isolator hanger brackets. McQuay CCW Series.

23 81 46 00-0002	EA	7 MBH, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	3,290.58	217.01
23 81 46 00-0003	EA	9 MBH, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	3,395.51	217.01
23 81 46 00-0004	EA	12 MBH, 400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	3,926.28	238.71
23 81 46 00-0005	EA	19 MBH, 630 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	4,135.24	260.40
23 81 46 00-0006	EA	24 MBH, 800 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	4,435.15	282.10
23 81 46 00-0007	EA	30 MBH, 1,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,224.76	303.81
23 81 46 00-0008	EA	36 MBH, 1,200 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,338.11	325.51
23 81 46 00-0009	EA	42 MBH, 1,400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,824.58	347.20
23 81 46 00-0010	EA	48 MBH, 1,600 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	6,217.75	368.91
23 81 46 00-0011	EA	60 MBH, 2,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	6,319.46	390.61

23 81 49 Split System Heat Pumps *(23 81)*

23 81 49 00-0001 Split System Heat Pump *(23 81 49)*

See CSI section 23 23 16 00-0001 for piping.

23 81 49 00-0002 Air Cooled, Outdoor Section *(23 81 49 00-0001)*

Note: Includes 20' length of piping (liquid line and insulated suction line). Excludes additional piping.

23 81 49 00-0003	EA	1.5 Ton, 14 SEER, Outdoor Heat Pump Unit	4,145.33	320.80
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*743.59*	
		For Winterstart Control, Add	*194.98*	
		For 15 SEER, Add	*658.67*	
		For 16 SEER, Add	*1,061.19*	
		For 18 SEER, Add	*1,610.07*	
23 81 49 00-0004	EA	2 Ton, 14 SEER, Outdoor Heat Pump Unit	4,270.65	356.44
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*769.22*	
		For Winterstart Control, Add	*203.23*	
		For 15 SEER, Add	*671.50*	
		For 16 SEER, Add	*1,081.87*	
		For 18 SEER, Add	*1,641.46*	
23 81 49 00-0005	EA	2.5 Ton, 14 SEER, Outdoor Heat Pump Unit	4,662.00	413.69
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*842.66*	
		For Winterstart Control, Add	*224.07*	
		For 15 SEER, Add	*726.39*	
		For 16 SEER, Add	*1,170.30*	
		For 18 SEER, Add	*1,775.63*	
23 81 49 00-0006	EA	3 Ton, 14 SEER, Outdoor Heat Pump Unit	5,085.19	475.26
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*703.84*	
		For Winterstart Control, Add	*246.62*	
		For 15 SEER, Add	*785.71*	
		For 16 SEER, Add	*1,265.87*	
		For 18 SEER, Add	*1,920.63*	
23 81 49 00-0007	EA	3.5 Ton, 14 SEER, Outdoor Heat Pump Unit	5,245.62	493.63
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*726.68*	
		For Winterstart Control, Add	*254.69*	
		For 15 SEER, Add	*809.61*	
		For 16 SEER, Add	*1,304.38*	
		For 18 SEER, Add	*1,979.05*	
23 81 49 00-0008	EA	4 Ton, 14 SEER, Outdoor Heat Pump Unit	5,829.31	567.08
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*804.83*	
		For Winterstart Control, Add	*281.78*	
		For 15 SEER, Add	*903.46*	
		For 16 SEER, Add	*1,455.57*	
		For 18 SEER, Add	*2,208.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0009	EA	5 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	6,640.70	623.78
		For Low Ambient Protection, 0 Degree F, Add	*510.26*	
		For Winterstart Control, Add	*146.61*	
		For 15 SEER, Add	*1,034.92*	
		For 16 SEER, Add	*1,667.38*	
		For 18 SEER, Add	*2,529.82*	
23 81 49 00-0010	EA	7.5 Ton, 11.5 EER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	6,940.43	697.96
		For Low Ambient Protection, 0 Degree F, Add	*546.44*	
		For Winterstart Control, Add	*159.14*	
23 81 49 00-0011	EA	10 Ton, 11.1 EER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	9,612.17	837.55
		For Low Ambient Protection, 0 Degree F, Add	*380.21*	
		For Winterstart Control, Add	*203.98*	
23 81 49 00-0012	EA	15 Ton, 10.9 EER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	12,654.86	977.14
		For Low Ambient Protection, 0 Degree F, Add	*428.75*	
		For Winterstart Control, Add	*251.88*	
23 81 49 00-0013	EA	20 Ton, 10.3 EER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	22,803.67	1,046.94
		For Low Ambient Protection, 0 Degree F, Add	*454.43*	
		For Winterstart Control, Add	*362.62*	

23 81 49 00-0014 Indoor Section, Horizontal Upflow *(23 81 49 00-0001)*

Note: Electric heat. Includes throwaway filters.

23 81 49 00-0015	EA	2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,197.94	106.69
		For Additional 5 KW Electric Heat, Add	*109.07*	
23 81 49 00-0016	EA	2-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,318.91	132.91
		For Additional 5 KW Electric Heat, Add	*118.60*	
23 81 49 00-0017	EA	3 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,374.66	160.53
		For Additional 5 KW Electric Heat, Add	*121.38*	
23 81 49 00-0018	EA	3-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,855.97	187.96
		For Additional 5 KW Electric Heat, Add	*166.78*	
23 81 49 00-0019	EA	4 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	1,904.01	211.88
		For Additional 5 KW Electric Heat, Add	*169.19*	
23 81 49 00-0020	EA	5 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	2,111.13	243.29
		For Additional 5 KW Electric Heat, Add	*186.79*	
23 81 49 00-0021	EA	7-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	4,518.04	398.84
		For Additional 5 KW Electric Heat, Add	*411.92*	
23 81 49 00-0022	EA	10 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 kW Electric Heat	6,676.43	448.69
		For Additional 5 KW Electric Heat, Add	*622.78*	
23 81 49 00-0023	EA	15 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15KW Electric Heat	9,380.75	498.54
		For Additional 5 KW Electric Heat, Add	*888.22*	
23 81 49 00-0024	EA	20 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat	10,658.37	598.25
		For Additional 5 KW Electric Heat, Add	*1,006.00*	

23 81 49 00-0025 Ductless Split System Heat Pumps *(23 81 49 00-0001)*

Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 23 81 26 13-0030 for accessories.

23 81 49 00-0026 Wall Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)*

23 81 49 00-0027	EA	9,000 BTU Cooling, 12,200 BTU Heating, 16 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,285.37	329.03
23 81 49 00-0028	EA	11,900 BTU Cooling, 13,300 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,524.42	358.95
23 81 49 00-0029	EA	17,500 BTU Cooling, 20,400 BTU Heating, 20 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,084.67	398.84
23 81 49 00-0030	EA	24,200 BTU Cooling, 29,000 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,552.45	438.72
23 81 49 00-0031	EA	25,200 BTU Cooling, 29,200 BTU Heating, 14.9 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,058.91	478.60
23 81 49 00-0032	EA	29,800 BTU Cooling, 34,800 BTU Heating, 15 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,869.14	498.54
23 81 49 00-0033	EA	31,400 BTU Cooling, 36,400 BTU Heating, 15.9 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,440.37	531.44

23 81 49 00-0034 Dual and Tri Zone Wall Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)*

Note: Use this section only when matching indoor and outdoor capacity units are not used.

23 81 49 00-0035	EA	7,500 BTU Cooling, 8,500 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	944.38	159.54
23 81 49 00-0036	EA	9,000 BTU Cooling, 12,200 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	996.25	169.51
23 81 49 00-0037	EA	11,900 BTU Cooling, 14,300 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	1,049.00	179.48
23 81 49 00-0038	EA	17,500 BTU Cooling, 20,400 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	1,196.03	189.45
23 81 49 00-0039	EA	24,200 BTU Cooling, 29,000 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	1,274.81	199.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0040	EA	19,700 BTU Cooling, 24,800 BTU Heating, 16.4 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	2,866.55	239.30
23 81 49 00-0041	EA	23,200 BTU Cooling, 29,200 BTU Heating, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	3,401.18	259.24
23 81 49 00-0042	EA	30,600 BTU Cooling, 32,000 BTU Heating, 17.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	5,540.05	279.18
23 81 49 00-0043		Suspended Ceiling Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)* Note: Excludes hangers.		
23 81 49 00-0044	EA	24,400 BTU Cooling, 30,800 BTU Heating, 14.5 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,412.62	478.60
23 81 49 00-0045	EA	31,200 BTU Cooling, 37,400 BTU Heating, 15.1 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,569.10	571.33
23 81 49 00-0046	EA	39,000 BTU Cooling, 44,500 BTU Heating, 15.6 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,942.60	598.25
23 81 49 00-0047		Recessed Ceiling Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)* Note: Excludes hangers.		
23 81 49 00-0048	EA	11,900 BTU Cooling, 13,600 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,577.53	398.84
23 81 49 00-0049	EA	17,500 BTU Cooling, 20,400 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,057.87	438.72
23 81 49 00-0050	EA	24,800 BTU Cooling, 29,800 BTU Heating, 14.1 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,377.66	518.48
23 81 49 00-0051	EA	32,600 BTU Cooling, 37,600 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,210.01	571.33
23 81 49 00-0052	EA	39,500 BTU Cooling, 48,000 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,763.06	598.25

23 82 Convection Heating and Cooling Units *(23 80)*

23 82 16 Air Coils *(23 82)*

23 82 16 11 Hydronic Air Coils *(23 82 16)*

23 82 16 11-0001		Chilled Water Cooling Coils *(23 82 16 11)* Note: Flanged construction, 16 gauge galvanized steel casing.		
23 82 16 11-0002		2 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0003	EA	12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,809.89	54.25
23 82 16 11-0004	EA	12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,013.09	73.78
23 82 16 11-0005	EA	24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,046.76	116.10
23 82 16 11-0006	EA	24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,873.55	166.00
23 82 16 11-0007	EA	30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,157.39	203.99
23 82 16 11-0008	EA	30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,761.81	247.38
23 82 16 11-0009	EA	30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,161.63	286.44
23 82 16 11-0010	EA	30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,653.05	506.05
23 82 16 11-0011	EA	34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,158.73	192.38
23 82 16 11-0012	EA	34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,315.00	327.57
23 82 16 11-0013	EA	34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,941.17	406.89
23 82 16 11-0014	EA	34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,496.22	491.41
23 82 16 11-0015	EA	34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,083.52	572.24
23 82 16 11-0016	SF	>20 SF, Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	357.15	28.85
23 82 16 11-0017		4 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0018	EA	12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,242.46	112.84
23 82 16 11-0019	EA	12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,617.35	162.76
23 82 16 11-0020	EA	24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,911.40	271.26
23 82 16 11-0021	EA	24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,979.17	402.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0022	EA	30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,901.19	493.69
23 82 16 11-0023	EA	30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,195.80	603.27
23 82 16 11-0024	EA	30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,109.04	723.70
23 82 16 11-0025	EA	30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,851.88	842.41
23 82 16 11-0026	EA	34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,633.40	363.59
23 82 16 11-0027	EA	34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,151.54	546.85
23 82 16 11-0028	EA	34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,912.25	678.14
23 82 16 11-0029	EA	34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,801.53	817.03
23 82 16 11-0030	EA	34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,630.92	955.14
23 82 16 11-0031		6 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0032	EA	12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,175.72	143.23
23 82 16 11-0033	EA	12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,718.97	212.66
23 82 16 11-0034	EA	24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,025.02	362.40
23 82 16 11-0035	EA	24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,798.18	542.51
23 82 16 11-0036	EA	30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,951.41	678.14
23 82 16 11-0037	EA	30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,138.18	834.38
23 82 16 11-0038	EA	30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,785.96	986.28
23 82 16 11-0039	EA	30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,119.83	1,149.36
23 82 16 11-0040	EA	34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,031.94	496.83
23 82 16 11-0041	EA	34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,946.06	745.19
23 82 16 11-0042	EA	34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,022.49	933.12
23 82 16 11-0043	EA	34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,063.23	1,120.94
23 82 16 11-0044	EA	34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,110.54	1,304.09
23 82 16 11-0045		8 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0046	EA	12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,973.99	172.51
23 82 16 11-0047	EA	12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,830.95	264.75
23 82 16 11-0048	EA	24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,160.75	471.99
23 82 16 11-0049	EA	24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,445.11	723.70
23 82 16 11-0050	EA	30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,319.10	904.91
23 82 16 11-0051	EA	30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	13,125.87	1,085.02
23 82 16 11-0052	EA	30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	15,114.54	1,205.46
23 82 16 11-0053	EA	30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,720.12	1,398.27
23 82 16 11-0054	EA	34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,004.12	605.44
23 82 16 11-0055	EA	34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,208.12	910.23
23 82 16 11-0056	EA	34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,454.81	1,133.84
23 82 16 11-0057	EA	34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,636.68	1,356.27
23 82 16 11-0058	EA	34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	13,881.43	1,595.63
23 82 16 11-0059		Hot Water Heating Coils *(23 82 16 11)* Note: Flanged construction.		
23 82 16 11-0060		1 Row Hot Water Heating Coils *(23 82 16 11-0059)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0061	EA	12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction	1,407.51	146.48
		For 10 Fins Per Inch, Add	*22.29*	
		For 12 Fins Per Inch, Add	*55.71*	
		For 230 PSIG Heavy Duty, Add	*310.83*	
23 82 16 11-0062	EA	12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction	2,096.18	187.71
		For 10 Fins Per Inch, Add	*34.44*	
		For 12 Fins Per Inch, Add	*86.10*	
		For 230 PSIG Heavy Duty, Add	*456.65*	
23 82 16 11-0063	EA	24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction	2,542.59	258.24
		For 10 Fins Per Inch, Add	*40.52*	
		For 12 Fins Per Inch, Add	*101.30*	
		For 230 PSIG Heavy Duty, Add	*560.19*	
23 82 16 11-0064	EA	24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,002.51	362.40
		For 10 Fins Per Inch, Add	*45.58*	
		For 12 Fins Per Inch, Add	*113.96*	
		For 230 PSIG Heavy Duty, Add	*672.84*	
23 82 16 11-0065	EA	30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,400.42	434.01
		For 10 Fins Per Inch, Add	*50.65*	
		For 12 Fins Per Inch, Add	*126.62*	
		For 230 PSIG Heavy Duty, Add	*766.89*	
23 82 16 11-0066	EA	30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction	3,971.96	542.51
		For 10 Fins Per Inch, Add	*57.74*	
		For 12 Fins Per Inch, Add	*144.35*	
		For 230 PSIG Heavy Duty, Add	*902.89*	
23 82 16 11-0067	EA	30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	4,447.06	602.19
		For 10 Fins Per Inch, Add	*64.83*	
		For 12 Fins Per Inch, Add	*162.07*	
		For 230 PSIG Heavy Duty, Add	*1,009.97*	
23 82 16 11-0068	EA	30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	5,514.18	700.16
		For 10 Fins Per Inch, Add	*82.17*	
		For 12 Fins Per Inch, Add	*205.44*	
		For 230 PSIG Heavy Duty, Add	*1,243.38*	
23 82 16 11-0069	EA	34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction	2,380.77	303.38
		For 10 Fins Per Inch, Add	*35.48*	
		For 12 Fins Per Inch, Add	*88.70*	
		For 230 PSIG Heavy Duty, Add	*536.84*	
23 82 16 11-0070	EA	34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,571.15	455.17
		For 10 Fins Per Inch, Add	*53.22*	
		For 12 Fins Per Inch, Add	*133.04*	
		For 230 PSIG Heavy Duty, Add	*805.26*	
23 82 16 11-0071	EA	34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	5,368.29	688.44
		For 10 Fins Per Inch, Add	*79.83*	
		For 12 Fins Per Inch, Add	*199.57*	
		For 230 PSIG Heavy Duty, Add	*1,211.35*	
23 82 16 11-0072	EA	34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	6,252.17	797.82
		For 10 Fins Per Inch, Add	*93.13*	
		For 12 Fins Per Inch, Add	*232.83*	
		For 230 PSIG Heavy Duty, Add	*1,410.00*	
23 82 16 11-0073	SF	>15 SF Hot Water Heating Coil, 1 Row, Flanged Construction	284.21	40.15
		For 10 Fins Per Inch, Add	*4.08*	
		For 12 Fins Per Inch, Add	*10.20*	
		For 230 PSIG Heavy Duty, Add	*64.87*	
23 82 16 11-0074		**2 Row Hot Water Heating Coils** *(23 82 16 11-0059)*		
23 82 16 11-0075	EA	12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction	2,286.31	181.20
		For 10 Fins Per Inch, Add	*38.49*	
		For 12 Fins Per Inch, Add	*96.23*	
		For 230 PSIG Heavy Duty, Add	*493.43*	
23 82 16 11-0076	EA	12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction	2,457.51	240.87
		For 10 Fins Per Inch, Add	*39.51*	
		For 12 Fins Per Inch, Add	*98.76*	
		For 230 PSIG Heavy Duty, Add	*539.73*	
23 82 16 11-0077	EA	24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction	3,306.40	362.40
		For 10 Fins Per Inch, Add	*51.66*	
		For 12 Fins Per Inch, Add	*129.15*	
		For 230 PSIG Heavy Duty, Add	*733.62*	
23 82 16 11-0078	EA	24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	3,970.95	516.47
		For 10 Fins Per Inch, Add	*58.75*	
		For 12 Fins Per Inch, Add	*146.88*	
		For 230 PSIG Heavy Duty, Add	*897.53*	
23 82 16 11-0079	EA	30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	4,568.63	637.99
		For 10 Fins Per Inch, Add	*65.84*	
		For 12 Fins Per Inch, Add	*164.61*	
		For 230 PSIG Heavy Duty, Add	*1,041.38*	
23 82 16 11-0080	EA	30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction	4,842.16	774.71
		For 10 Fins Per Inch, Add	*65.84*	
		For 12 Fins Per Inch, Add	*164.61*	
		For 230 PSIG Heavy Duty, Add	*1,123.44*	
23 82 16 11-0081	EA	30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	5,455.03	904.91
		For 10 Fins Per Inch, Add	*72.93*	
		For 12 Fins Per Inch, Add	*182.33*	
		For 230 PSIG Heavy Duty, Add	*1,271.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0082	EA	30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	6,725.08	1,051.39
		For 10 Fins Per Inch, Add	*92.45*	
		For 12 Fins Per Inch, Add	*231.12*	
		For 230 PSIG Heavy Duty, Add	*1,555.29*	
23 82 16 11-0083	EA	34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction	2,902.87	453.65
		For 10 Fins Per Inch, Add	*39.91*	
		For 12 Fins Per Inch, Add	*99.78*	
		For 230 PSIG Heavy Duty, Add	*671.30*	
23 82 16 11-0084	EA	34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	4,356.58	681.50
		For 10 Fins Per Inch, Add	*59.87*	
		For 12 Fins Per Inch, Add	*149.67*	
		For 230 PSIG Heavy Duty, Add	*1,007.63*	
23 82 16 11-0085	EA	34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	6,545.20	1,027.51
		For 10 Fins Per Inch, Add	*89.80*	
		For 12 Fins Per Inch, Add	*224.51*	
		For 230 PSIG Heavy Duty, Add	*1,514.54*	
23 82 16 11-0086	EA	34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	7,639.14	1,200.25
		For 10 Fins Per Inch, Add	*104.77*	
		For 12 Fins Per Inch, Add	*261.93*	
		For 230 PSIG Heavy Duty, Add	*1,767.88*	
23 82 16 11-0087		Hot Water Preheat Coils For Multi-Zone Air Handling Units *(23 82 16 11)*		
		Note: 2 Row coils. Coils are sized by air handling unit capacity.		
23 82 16 11-0088	EA	3,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	1,859.98	137.80
23 82 16 11-0089	EA	4,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,386.72	136.72
23 82 16 11-0090	EA	5,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,932.02	146.48
23 82 16 11-0091	EA	6,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,408.66	159.50
23 82 16 11-0092	EA	7,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,423.38	167.09
23 82 16 11-0093	EA	9,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	4,148.62	175.77
23 82 16 11-0094	EA	11,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	4,294.45	197.48
23 82 16 11-0095	EA	13,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	4,747.95	221.34
23 82 16 11-0096	EA	16,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	5,340.85	264.75
23 82 16 11-0097	EA	19,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	5,823.82	277.77
23 82 16 11-0098	EA	22,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	7,474.63	294.04
23 82 16 11-0099	EA	27,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	9,515.19	402.54
23 82 16 11-0100	EA	34,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	11,956.77	493.69
23 82 16 11-0101	EA	40,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	13,939.56	516.47
23 82 16 11-0102	EA	47,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	16,374.68	602.19
23 82 16 12		**Steam Air Coils** *(23 82 16)*		
23 82 16 12-0001		Steam Heating Coils *(23 82 16 12)*		
		Note: Flanged construction.		
23 82 16 12-0002	EA	12" x 12" Steam Heating Coils, 1 Row Flanged Construction	2,211.01	101.99
		For 2 Row Coil, Add	*703.87*	
		For 4 Row Coil, Add	*1,856.02*	
23 82 16 12-0003	EA	12" x 24" Steam Heating Coils, 1 Row Flanged Construction	2,433.48	141.05
		For 2 Row Coil, Add	*786.41*	
		For 4 Row Coil, Add	*2,067.97*	
23 82 16 12-0004	EA	24" x 30" Steam Heating Coils, 1 Row Flanged Construction	3,158.36	252.81
		For 2 Row Coil, Add	*1,048.44*	
		For 4 Row Coil, Add	*2,743.69*	
23 82 16 12-0005	EA	24" x 48" Steam Heating Coils, 1 Row Flanged Construction	3,950.82	362.40
		For 2 Row Coil, Add	*1,329.92*	
		For 4 Row Coil, Add	*3,471.70*	
23 82 16 12-0006	EA	30" x 48" Steam Heating Coils, 1 Row Flanged Construction	4,382.38	434.01
		For 2 Row Coil, Add	*1,488.32*	
		For 4 Row Coil, Add	*3,879.15*	
23 82 16 12-0007	EA	30" x 60" Steam Heating Coils, 1 Row Flanged Construction	4,886.26	542.51
		For 2 Row Coil, Add	*1,682.88*	
		For 4 Row Coil, Add	*4,375.57*	
23 82 16 12-0008	EA	30" x 72" Steam Heating Coils, 1 Row Flanged Construction	5,365.43	602.19
		For 2 Row Coil, Add	*1,850.75*	
		For 4 Row Coil, Add	*4,810.74*	
23 82 16 12-0009	EA	30" x 84" Steam Heating Coils, 1 Row Flanged Construction	6,678.23	702.77
		For 2 Row Coil, Add	*2,284.56*	
		For 4 Row Coil, Add	*5,946.93*	
23 82 16 12-0010	EA	34" x 32" Steam Heating Coils, 1 Row Flanged Construction	2,883.35	303.38
		For 2 Row Coil, Add	*986.37*	
		For 4 Row Coil, Add	*2,567.62*	
23 82 16 12-0011	EA	34" x 48" Steam Heating Coils, 1 Row Flanged Construction	4,325.04	455.17
		For 2 Row Coil, Add	*1,479.56*	
		For 4 Row Coil, Add	*3,851.44*	
23 82 16 12-0012	EA	34" x 72" Steam Heating Coils, 1 Row Flanged Construction	6,485.23	681.50
		For 2 Row Coil, Add	*2,218.19*	
		For 4 Row Coil, Add	*5,774.32*	
23 82 16 12-0013	EA	34" x 84" Steam Heating Coils, 1 Row Flanged Construction	7,571.46	797.82
		For 2 Row Coil, Add	*2,590.56*	
		For 4 Row Coil, Add	*6,743.28*	
23 82 16 13		**Refrigerant Air Coils** *(23 82 16)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0001		**Direct Expansion Cooling Coils** *(23 82 16 13)* Note: Flanged construction 16 gauge galvanized steel casing.		
23 82 16 13-0002		**2 Row Direct Expansion Cooling Coils** *(23 82 16 13-0001)*		
23 82 16 13-0003	EA	12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,736.47	81.38
		For 10 Fins Per Inch, Add	*31.47*	
		For 12 Fins Per Inch, Add	*78.67*	
23 82 16 13-0004	EA	12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,370.34	111.75
		For 10 Fins Per Inch, Add	*62.93*	
		For 12 Fins Per Inch, Add	*157.33*	
23 82 16 13-0005	EA	24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,633.77	175.77
		For 10 Fins Per Inch, Add	*85.68*	
		For 12 Fins Per Inch, Add	*214.19*	
23 82 16 13-0006	EA	24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,567.29	252.81
		For 10 Fins Per Inch, Add	*101.25*	
		For 12 Fins Per Inch, Add	*253.13*	
23 82 16 13-0007	EA	30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,461.50	309.23
		For 10 Fins Per Inch, Add	*116.83*	
		For 12 Fins Per Inch, Add	*292.07*	
23 82 16 13-0008	EA	30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,212.87	374.33
		For 10 Fins Per Inch, Add	*129.29*	
		For 12 Fins Per Inch, Add	*323.23*	
23 82 16 13-0009	EA	30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,267.24	434.01
		For 10 Fins Per Inch, Add	*147.98*	
		For 12 Fins Per Inch, Add	*369.96*	
23 82 16 13-0010	EA	30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,391.00	506.05
		For 10 Fins Per Inch, Add	*187.58*	
		For 12 Fins Per Inch, Add	*468.94*	
23 82 16 13-0011	EA	34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,990.54	192.38
		For 10 Fins Per Inch, Add	*72.12*	
		For 12 Fins Per Inch, Add	*180.29*	
23 82 16 13-0012	EA	34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,107.31	327.57
		For 10 Fins Per Inch, Add	*89.04*	
		For 12 Fins Per Inch, Add	*222.61*	
23 82 16 13-0013	EA	34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,250.51	491.41
		For 10 Fins Per Inch, Add	*105.35*	
		For 12 Fins Per Inch, Add	*263.39*	
23 82 16 13-0014	EA	34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,818.68	572.24
		For 10 Fins Per Inch, Add	*113.48*	
		For 12 Fins Per Inch, Add	*283.71*	
23 82 16 13-0015		**4 Row Direct Expansion Cooling Coils** *(23 82 16 13-0001)*		
23 82 16 13-0016	EA	12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,897.56	112.84
		For 10 Fins Per Inch, Add	*53.43*	
		For 12 Fins Per Inch, Add	*133.58*	
23 82 16 13-0017	EA	12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,140.32	162.76
		For 10 Fins Per Inch, Add	*76.33*	
		For 12 Fins Per Inch, Add	*190.82*	
23 82 16 13-0018	EA	24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,605.14	271.26
		For 10 Fins Per Inch, Add	*101.25*	
		For 12 Fins Per Inch, Add	*253.13*	
23 82 16 13-0019	EA	24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,800.99	402.54
		For 10 Fins Per Inch, Add	*119.95*	
		For 12 Fins Per Inch, Add	*299.86*	
23 82 16 13-0020	EA	30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,840.41	493.69
		For 10 Fins Per Inch, Add	*137.08*	
		For 12 Fins Per Inch, Add	*342.70*	
23 82 16 13-0021	EA	30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,305.78	603.27
		For 10 Fins Per Inch, Add	*162.00*	
		For 12 Fins Per Inch, Add	*405.01*	
23 82 16 13-0022	EA	30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,325.76	723.70
		For 10 Fins Per Inch, Add	*177.58*	
		For 12 Fins Per Inch, Add	*443.95*	
23 82 16 13-0023	EA	30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,989.95	842.41
		For 10 Fins Per Inch, Add	*166.10*	
		For 12 Fins Per Inch, Add	*415.26*	
23 82 16 13-0024	EA	34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,412.46	363.59
		For 10 Fins Per Inch, Add	*113.70*	
		For 12 Fins Per Inch, Add	*284.26*	
23 82 16 13-0025	EA	34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,113.46	546.85
		For 10 Fins Per Inch, Add	*140.39*	
		For 12 Fins Per Inch, Add	*350.98*	
23 82 16 13-0026	EA	34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,152.86	961.88
		For 10 Fins Per Inch, Add	*204.58*	
		For 12 Fins Per Inch, Add	*511.45*	
23 82 16 13-0027	EA	34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,900.35	1,120.94
		For 10 Fins Per Inch, Add	*233.17*	
		For 12 Fins Per Inch, Add	*582.93*	
23 82 16 13-0028		**6 Row Direct Expansion Cooling Coils** *(23 82 16 13-0001)*		

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0029	EA	12" x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,712.54	142.14
		For 10 Fins Per Inch, Add	*68.54*	
		For 12 Fins Per Inch, Add	*171.35*	
23 82 16 13-0030	EA	12" x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,241.94	212.66
		For 10 Fins Per Inch, Add	*76.33*	
		For 12 Fins Per Inch, Add	*190.82*	
23 82 16 13-0031	EA	24" x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,097.52	362.40
		For 10 Fins Per Inch, Add	*107.48*	
		For 12 Fins Per Inch, Add	*268.71*	
23 82 16 13-0032	EA	24" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,705.38	542.51
		For 10 Fins Per Inch, Add	*132.41*	
		For 12 Fins Per Inch, Add	*331.02*	
23 82 16 13-0033	EA	30" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,157.45	678.14
		For 10 Fins Per Inch, Add	*176.02*	
		For 12 Fins Per Inch, Add	*440.06*	
23 82 16 13-0034	EA	30" x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,482.97	834.38
		For 10 Fins Per Inch, Add	*196.27*	
		For 12 Fins Per Inch, Add	*490.69*	
23 82 16 13-0035	EA	30" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,344.21	986.28
		For 10 Fins Per Inch, Add	*227.43*	
		For 12 Fins Per Inch, Add	*568.57*	
23 82 16 13-0036	EA	30" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,520.53	1,149.36
		For 10 Fins Per Inch, Add	*204.44*	
		For 12 Fins Per Inch, Add	*511.09*	
23 82 16 13-0037	EA	34" x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,990.77	496.83
		For 10 Fins Per Inch, Add	*139.94*	
		For 12 Fins Per Inch, Add	*349.86*	
23 82 16 13-0038	EA	34" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,129.95	745.19
		For 10 Fins Per Inch, Add	*172.79*	
		For 12 Fins Per Inch, Add	*431.98*	
23 82 16 13-0039	EA	34" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,445.63	1,111.71
		For 10 Fins Per Inch, Add	*204.44*	
		For 12 Fins Per Inch, Add	*511.11*	
23 82 16 13-0040	EA	34" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,619.42	1,304.09
		For 10 Fins Per Inch, Add	*220.22*	
		For 12 Fins Per Inch, Add	*550.56*	
23 82 16 13-0041		8 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*		
23 82 16 13-0042	EA	12" x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,628.21	171.44
		For 10 Fins Per Inch, Add	*85.68*	
		For 12 Fins Per Inch, Add	*214.19*	
23 82 16 13-0043	EA	12" x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,514.02	264.75
		For 10 Fins Per Inch, Add	*99.69*	
		For 12 Fins Per Inch, Add	*249.24*	
23 82 16 13-0044	EA	24" x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,148.00	471.99
		For 10 Fins Per Inch, Add	*144.09*	
		For 12 Fins Per Inch, Add	*360.23*	
23 82 16 13-0045	EA	24" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,715.19	723.70
		For 10 Fins Per Inch, Add	*185.37*	
		For 12 Fins Per Inch, Add	*463.43*	
23 82 16 13-0046	EA	30" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,829.32	904.91
		For 10 Fins Per Inch, Add	*220.42*	
		For 12 Fins Per Inch, Add	*551.05*	
23 82 16 13-0047	EA	30" x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,865.56	1,085.02
		For 10 Fins Per Inch, Add	*253.91*	
		For 12 Fins Per Inch, Add	*634.78*	
23 82 16 13-0048	EA	30" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	17,131.72	1,205.46
		For 10 Fins Per Inch, Add	*294.41*	
		For 12 Fins Per Inch, Add	*736.03*	
23 82 16 13-0049	EA	30" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,295.92	1,398.27
		For 10 Fins Per Inch, Add	*229.99*	
		For 12 Fins Per Inch, Add	*574.97*	
23 82 16 13-0050	EA	34" x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,082.82	605.44
		For 10 Fins Per Inch, Add	*157.44*	
		For 12 Fins Per Inch, Add	*393.59*	
23 82 16 13-0051	EA	34" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,540.00	910.23
		For 10 Fins Per Inch, Add	*194.39*	
		For 12 Fins Per Inch, Add	*485.98*	
23 82 16 13-0052	EA	34" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,239.95	1,369.95
		For 10 Fins Per Inch, Add	*230.00*	
		For 12 Fins Per Inch, Add	*575.00*	
23 82 16 13-0053	EA	34" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	15,578.94	1,595.63
		For 10 Fins Per Inch, Add	*247.75*	
		For 12 Fins Per Inch, Add	*619.39*	

23 82 16 14 Electric-Resistance Air Coils *(23 82 16)*

23 82 16 14-0001 Standard Electric Slip-In Blast Coil Heater *(23 82 16 14)*

23 82 16 14-0002 Electric Slip-In Blast Coil Heater With Open Coil Element *(23 82 16 14-0001)*

23 82 16 14-0003	EA	1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	561.30	76.78
23 82 16 14-0004	EA	1 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	574.08	82.76
23 82 16 14-0005	EA	2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	589.19	90.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 14-0006	EA	3 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	594.27	93.73
23 82 16 14-0007	EA	4 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	607.32	99.70
23 82 16 14-0008	EA	5 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	622.33	107.69
23 82 16 14-0009	EA	6 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	718.92	120.64
23 82 16 14-0010	EA	7 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	731.08	126.63
23 82 16 14-0011	EA	8 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	741.06	130.61
23 82 16 14-0012	EA	9 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	755.62	138.60
23 82 16 14-0013	EA	10 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	830.19	146.57
23 82 16 14-0014	EA	12-1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	858.57	160.53
23 82 16 14-0015	EA	15 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	886.78	174.49
23 82 16 14-0016	EA	20 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	917.34	188.45
23 82 16 14-0017	EA	30 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,297.88	263.23
23 82 16 14-0018	EA	40 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,417.99	280.18
23 82 16 14-0019	EA	50 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,650.74	321.06
23 82 16 14-0020	EA	60 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,144.51	355.96
23 82 16 14-0021	EA	70 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,291.96	386.87
23 82 16 14-0022	EA	80 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,606.78	424.75
23 82 16 14-0023	EA	90 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	4,466.94	453.68
23 82 16 14-0024	EA	100 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	4,913.29	487.57
23 82 16 14-0025	EA	125 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	6,000.45	526.46
23 82 16 14-0026	EA	150 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	6,769.06	572.32
23 82 16 14-0027		Electric Slip-In Blast Coil Heater With Finned Tubular Element *(23 82 16 14-0001)*		
23 82 16 14-0028	EA	1 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	958.29	109.68
23 82 16 14-0029	EA	2 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	985.10	119.65
23 82 16 14-0030	EA	3 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	996.99	119.65
23 82 16 14-0031	EA	4 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,076.88	131.61
23 82 16 14-0032	EA	5 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,126.78	131.61
23 82 16 14-0033	EA	6 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,153.34	131.61
23 82 16 14-0034	EA	8 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,208.30	146.57
23 82 16 14-0035	EA	9 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,256.35	164.52
23 82 16 14-0036	EA	10 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,282.91	164.52
23 82 16 14-0037	EA	15 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,443.48	188.45
23 82 16 14-0038	EA	20 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,867.96	188.45
23 82 16 14-0039	EA	25 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,982.41	204.40
23 82 16 14-0040	EA	30 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,340.66	219.36
23 82 16 14-0041	EA	40 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,797.46	219.36
23 82 16 14-0042	EA	45 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	3,056.59	229.33
23 82 16 14-0043	EA	50 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	3,214.97	229.33
23 82 19		**Fan Coil Units** *(23 82)*		
23 82 19 00-0001		Ceiling Suspended Horizontal Fan Coil Units *(23 82 19)* Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds. Excludes supports.		
23 82 19 00-0002		Horizontal Fan Coil Units With Electric Heating Coil *(23 82 19 00-0001)*		
23 82 19 00-0003	EA	200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,067.41	175.77
		For 2-Way Valve Instead Of 3-Way, Deduct	*-52.50*	
23 82 19 00-0004	EA	300 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,272.46	205.07
		For 2-Way Valve Instead Of 3-Way, Deduct	*-55.47*	
23 82 19 00-0005	EA	400 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,515.12	231.11
		For 2-Way Valve Instead Of 3-Way, Deduct	*-58.09*	
23 82 19 00-0006	EA	600 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,918.71	264.75
		For 2-Way Valve Instead Of 3-Way, Deduct	*-61.46*	
23 82 19 00-0007	EA	800 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,281.86	277.77
		For 2-Way Valve Instead Of 3-Way, Deduct	*-106.73*	
23 82 19 00-0008	EA	1,000 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,506.64	294.04
		For 2-Way Valve Instead Of 3-Way, Deduct	*-108.99*	
23 82 19 00-0009	EA	1,200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	5,491.76	319.00
		For 2-Way Valve Instead Of 3-Way, Deduct	*-112.87*	
23 82 19 00-0010		Horizontal Fan Coil Units With Hot Water Heating Coil *(23 82 19 00-0001)*		
23 82 19 00-0011	EA	200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,106.04	175.77
		For 2-Way Valve Instead Of 3-Way, Deduct	*-52.50*	
23 82 19 00-0012	EA	300 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,350.29	205.07
		For 2-Way Valve Instead Of 3-Way, Deduct	*-55.47*	
23 82 19 00-0013	EA	400 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,607.89	231.11
		For 2-Way Valve Instead Of 3-Way, Deduct	*-58.09*	
23 82 19 00-0014	EA	600 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,142.72	264.75
		For 2-Way Valve Instead Of 3-Way, Deduct	*-61.46*	
23 82 19 00-0015	EA	800 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,543.20	278.85
		For 2-Way Valve Instead Of 3-Way, Deduct	*-106.73*	
23 82 19 00-0016	EA	1,000 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,879.99	294.04
		For 2-Way Valve Instead Of 3-Way, Deduct	*-108.99*	
23 82 19 00-0017	EA	1,200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	6,201.13	319.00
		For 2-Way Valve Instead Of 3-Way, Deduct	*-112.87*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0018		**Floor Mounted Vertical Fan Coil Units** *(23 82 19)* Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.		
23 82 19 00-0019		**Vertical Fan Coil Units With Electric Heating Coil** *(23 82 19 00-0018)*		
23 82 19 00-0020	EA	200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,992.74	174.69
		For Fan Coil Units Without Cabinet, Deduct	*-263.91*	
		For Thru-Wall Sleeve, Add	*125.00*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-52.50*	
23 82 19 00-0021	EA	300 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,276.19	205.07
		For Fan Coil Units Without Cabinet, Deduct	*-300.48*	
		For Thru-Wall Sleeve, Add	*136.89*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-55.47*	
23 82 19 00-0022	EA	400 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,701.80	231.11
		For Fan Coil Units Without Cabinet, Deduct	*-359.10*	
		For Thru-Wall Sleeve, Add	*147.34*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-58.09*	
23 82 19 00-0023	EA	600 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,105.38	264.75
		For Fan Coil Units Without Cabinet, Deduct	*-412.88*	
		For Thru-Wall Sleeve, Add	*160.86*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-61.46*	
23 82 19 00-0024	EA	800 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,505.87	278.85
		For Fan Coil Units Without Cabinet, Deduct	*-470.24*	
		For Thru-Wall Sleeve, Add	*166.28*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-106.73*	
23 82 19 00-0025	EA	1,000 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,506.64	294.04
		For Fan Coil Units Without Cabinet, Deduct	*-617.35*	
		For Thru-Wall Sleeve, Add	*172.30*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-108.99*	
23 82 19 00-0026	EA	1,200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	5,305.09	319.00
		For Fan Coil Units Without Cabinet, Deduct	*-731.94*	
		For Thru-Wall Sleeve, Add	*182.65*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-112.87*	
23 82 19 00-0027		**Vertical Fan Coil Units With Hot Water Heating Coil** *(23 82 19 00-0018)*		
23 82 19 00-0028	EA	200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,216.75	174.69
		For Fan Coil Units Without Cabinet, Deduct	*-297.51*	
		For Thru-Wall Sleeve, Add	*125.00*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-52.50*	
23 82 19 00-0029	EA	300 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,500.20	205.07
		For Fan Coil Units Without Cabinet, Deduct	*-334.09*	
		For Thru-Wall Sleeve, Add	*136.89*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-55.47*	
23 82 19 00-0030	EA	400 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,075.15	231.11
		For Fan Coil Units Without Cabinet, Deduct	*-415.10*	
		For Thru-Wall Sleeve, Add	*147.34*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-58.09*	
23 82 19 00-0031	EA	600 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,516.06	264.75
		For Fan Coil Units Without Cabinet, Deduct	*-474.48*	
		For Thru-Wall Sleeve, Add	*160.86*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-61.46*	
23 82 19 00-0032	EA	800 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,916.55	278.85
		For Fan Coil Units Without Cabinet, Deduct	*-531.84*	
		For Thru-Wall Sleeve, Add	*166.28*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-106.73*	
23 82 19 00-0033	EA	1,000 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,693.32	294.04
		For Fan Coil Units Without Cabinet, Deduct	*-645.35*	
		For Thru-Wall Sleeve, Add	*172.30*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-108.99*	
23 82 19 00-0034	EA	1,200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	5,491.76	319.00
		For Fan Coil Units Without Cabinet, Deduct	*-759.94*	
		For Thru-Wall Sleeve, Add	*182.65*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-112.87*	
23 82 19 00-0035		**Removal And Reinstallation Of Fan Coil Units** *(23 82 19)* Note: Includes storage and cleaning. Excludes supports.		
23 82 19 00-0036	EA	Removal And Reinstallation Of Fan Coil Unit Horizontal Or Vertical	461.32	
23 82 19 00-0037		**Fan Coil Units (Carrier)** *(23 82 19)* Note: Provide Pre-Manufactured Or Field Fabricated Filter Rack With 2" Merv 13, Pleated Throwaway Filters. Disconnect Switch Provided By Division 26 Contractor. Suspend Unit From Structure In Horizontal Position With All -Thread Rod And Spring Vibration Isolation (2" Minimum Deflection). Provide Necessary Mounting Bracket And Accessories For Specified Mounting. Provide Auxiliary Drain Pan With Auxiliary Drain Provided By Plumbing Contractor. Provide Unit With Space Temperature Control Devices Consistent With The Following Control Methods: Thermostat Or Room Controller For Local Override Of Centralized Controller With Integral Temperature Sensor. Temperature Sensor Without Local Override. Thermostat Or Room Controller For Local Override Of Centralized Controller With Remote Temperature Sensor. Fan Coil Unit With Integral Temperature Sensor In Return Airstream Without Local Override (Factory Default Setting).		
23 82 19 00-0038	EA	450 To 500 CFM, 12.1 To 14.2 MBH Cooling, Deck Mount, Fan Coil Unit (Carrier MMD-AP0184BH2UL-1)	1,970.26	231.11
23 82 19 00-0039	EA	1,200 CFM, 33.3 To 39.5 MBH Cooling, Floor Mount, Fan Coil Unit (Carrier MMD-AP0360VHG2UL)	3,418.91	319.00
		For Filter Box With 2" MERV 8 Filter (Carrier TCB-FB2F361VDGUL), Add	*279.73*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0040	EA	150 To 230 CFM, 3.9 To 7.5 MBH Cooling, Wall Mount, Fan Coil Unit (Carrier MMK-AP0073H2UL)	1,062.66	175.77
		For Filter Boxes For Toshiba (Carrier) High Static, Medium Static, OSA Units, and Slim Duct (Carrier FS-SPBH202), Add	*461.22*	
23 82 19 00-0041	EA	470 CFM, 15.8 MBH Cooling, Wall Mount, Fan Coil Unit (Carrier MMK-AP0183H2UL)	1,230.33	205.07
		For Filter Boxes For Toshiba (Carrier) High Static, Medium Static, OSA Units, and Slim Duct (Carrier FS-SPBH202), Add	*461.22*	
23 82 19 00-0042	EA	Single Port Flow Selector (Carrier RBM-Y0963FUL)	1,191.62	255.30
23 82 19 00-0043	EA	Multiport Flow Selector 4-Branch Unit (Carrier RBM-Y0611F4PUL)	3,644.87	333.86
23 82 19 00-0044	EA	Y-Branch For Heat Recovery, 61-135k BTU (Carrier RBM-BY105FUL)	189.17	37.97
23 82 19 00-0045	EA	Y-Branch For Heat Recovery, 136-238k BTU (Carrier RBM-BY205FUL)	259.54	40.68
23 82 19 00-0046	EA	12 MBH, Ductless Variable Flow (VRF), Wall Mounted, Indoor Heat Pump (Carrier MMK-AP0123H2UL)	1,020.58	175.77
23 82 19 00-0047	EA	Single Port Flow Selector (Carrier RBM-Y0383FUL)	2,987.02	255.30
23 82 19 00-0048	EA	Outdoor Heat Recovery Connection (Carrier RBM-BT14FUL)	410.48	37.97

23 82 29 Radiators *(23 82)*

23 82 29 00-0001 Demolish Cast Iron Radiators *(23 82 29)*

23 82 29 00-0002	LF	Demolish Cast Iron Radiator	32.54	
23 82 29 00-0003	EA	Cap Radiator	53.21	

23 82 29 00-0004 Cast Iron Radiator *(23 82 29)*

23 82 29 00-0005	EA	19" High Cast Iron Radiator Section, Free Standing	74.06	
		For Wall Support Bracket, Add	*27.96*	
23 82 29 00-0006	EA	25" High Cast Iron Radiator Section, Free Standing	109.25	
		For Wall Support Bracket, Add	*29.37*	
23 82 29 00-0007	EA	30" High Cast Iron Radiator Section, Free Standing	128.57	
23 82 29 00-0008	EA	36" High Cast Iron Radiator Section, Free Standing	164.61	
23 82 29 00-0009	EA	20" High Cast Iron Radiator Section, Recessed With Grille	100.12	

23 82 29 00-0010 Radiator Covers *(23 82 29)*

Note: Includes field cutouts, vent grilles, and insulation backing. To calculate quantity, measure the surface area of front, top and sides.

23 82 29 00-0011	SF	14 Gauge Stainless Steel Radiator Cover	126.01	5.41
23 82 29 00-0012	SF	Primed And Painted, Galvanized Steel Radiator Cover	78.02	5.41

23 82 29 00-0013 Radiator Shields *(23 82 29)*

23 82 29 00-0014	SF	Stainless Steel Radiator Shield	72.93	5.41
23 82 29 00-0015	SF	Primed And Painted, Galvanized Steel Radiator Shield	46.28	5.41

23 82 29 00-0016 Removal And Reinstallation Of Radiator *(23 82 29)*

Note: Includes storage and cleaning.

23 82 29 00-0017	LF	Removal And Reinstallation Of Cast Iron Radiator	81.38	
23 82 29 00-0018	LF	Removal And Reinstallation Of Electric Radiator	54.25	

23 82 33 Convectors *(23 82)*

23 82 33 00-0001 Multi-Fin Convectors For Two-Pipe System *(23 82 33)*

Note: Complete with 6-1/4" deep cabinet enclosure.

23 82 33 00-0002 20" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

23 82 33 00-0003	EA	20" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	563.73	119.35
		For Metal Trim Strips, Add	*60.25*	
		For Snap-On Inlet Grille, Add	*46.17*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*134.01*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0004	EA	20" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	665.24	130.21
		For Metal Trim Strips, Add	*65.18*	
		For Snap-On Inlet Grille, Add	*49.45*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*163.79*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0005	EA	20" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	765.02	154.07
		For Metal Trim Strips, Add	*75.97*	
		For Snap-On Inlet Grille, Add	*56.65*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*186.13*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0006	EA	20" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	916.58	179.02
		For Metal Trim Strips, Add	*87.37*	
		For Snap-On Inlet Grille, Add	*64.25*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*225.87*	
		For Knob Operated Damper, Add	*15.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0007	EA	20" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,092.90	214.83
		For Metal Trim Strips, Add	*103.64*	
		For Snap-On Inlet Grille, Add	*75.09*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*268.61*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0008	EA	20" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,230.05	236.32
		For Metal Trim Strips, Add	*113.39*	
		For Snap-On Inlet Grille, Add	*81.59*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*305.24*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0009	EA	20" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,428.06	286.44
		For Metal Trim Strips, Add	*136.16*	
		For Snap-On Inlet Grille, Add	*96.77*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*347.97*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0010	EA	20" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,559.84	304.35
		For Metal Trim Strips, Add	*144.30*	
		For Snap-On Inlet Grille, Add	*102.20*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*384.59*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0011	EA	20" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,701.25	340.15
		For Metal Trim Strips, Add	*160.56*	
		For Snap-On Inlet Grille, Add	*113.04*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*415.12*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0012	EA	20" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,877.65	375.96
		For Metal Trim Strips, Add	*176.85*	
		For Snap-On Inlet Grille, Add	*123.90*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*457.85*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0013	EA	20" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,019.07	411.76
		For Metal Trim Strips, Add	*193.12*	
		For Snap-On Inlet Grille, Add	*134.74*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*488.37*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0014		26" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*		
23 82 33 00-0015	EA	26" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	660.90	157.00
		For Metal Trim Strips, Add	*76.64*	
		For Snap-On Inlet Grille, Add	*57.09*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*148.90*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0016	EA	26" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	776.23	182.39
		For Metal Trim Strips, Add	*88.03*	
		For Snap-On Inlet Grille, Add	*64.69*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*175.98*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0017	EA	26" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	939.82	214.19
		For Metal Trim Strips, Add	*102.30*	
		For Snap-On Inlet Grille, Add	*74.20*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*216.58*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0018	EA	26" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,102.95	238.82
		For Metal Trim Strips, Add	*113.36*	
		For Snap-On Inlet Grille, Add	*81.57*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*260.78*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0019	EA	26" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,288.51	268.55
		For Metal Trim Strips, Add	*126.74*	
		For Snap-On Inlet Grille, Add	*90.49*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*310.12*	
		For Knob Operated Damper, Add	*15.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0020	EA	26" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,442.98	290.90
		For Metal Trim Strips, Add	*136.83*	
		For Snap-On Inlet Grille, Add	*97.22*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*352.41*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0021	EA	26" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,645.57	331.47
		For Metal Trim Strips, Add	*155.32*	
		For Snap-On Inlet Grille, Add	*109.54*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*401.75*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0022	EA	26" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,796.41	351.76
		For Metal Trim Strips, Add	*164.32*	
		For Snap-On Inlet Grille, Add	*115.55*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*444.04*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0023	EA	26" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,944.05	383.55
		For Metal Trim Strips, Add	*178.41*	
		For Snap-On Inlet Grille, Add	*124.94*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*479.28*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0024	EA	26" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,132.48	414.70
		For Metal Trim Strips, Add	*192.65*	
		For Snap-On Inlet Grille, Add	*134.43*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*528.62*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0025	EA	26" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,275.86	443.23
		For Metal Trim Strips, Add	*205.45*	
		For Snap-On Inlet Grille, Add	*142.97*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*563.86*	
		For Knob Operated Damper, Add	*15.00*	

23 82 33 00-0026 32" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

23 82 33 00-0027	EA	32" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	757.16	190.97
		For Metal Trim Strips, Add	*92.76*	
		For Snap-On Inlet Grille, Add	*67.84*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*163.79*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0028	EA	32" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	903.07	231.11
		For Metal Trim Strips, Add	*111.00*	
		For Snap-On Inlet Grille, Add	*80.00*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*193.57*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0029	EA	32" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,089.82	270.17
		For Metal Trim Strips, Add	*128.74*	
		For Snap-On Inlet Grille, Add	*91.83*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*238.24*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0030	EA	32" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,264.43	293.61
		For Metal Trim Strips, Add	*139.45*	
		For Snap-On Inlet Grille, Add	*98.97*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*286.86*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0031	EA	32" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,454.93	317.26
		For Metal Trim Strips, Add	*150.08*	
		For Snap-On Inlet Grille, Add	*106.05*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*341.13*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0032	EA	32" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,622.76	340.15
		For Metal Trim Strips, Add	*160.56*	
		For Snap-On Inlet Grille, Add	*113.04*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*387.65*	
		For Knob Operated Damper, Add	*15.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0033	EA	32" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,821.45	368.80
		For Metal Trim Strips, Add	*173.65*	
		For Snap-On Inlet Grille, Add	*121.77*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*441.92*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0034	EA	32" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,990.39	392.45
		For Metal Trim Strips, Add	*184.46*	
		For Snap-On Inlet Grille, Add	*128.97*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*488.44*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0035	EA	32" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,140.21	418.93
		For Metal Trim Strips, Add	*196.18*	
		For Snap-On Inlet Grille, Add	*136.78*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*527.20*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0036	EA	32" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,334.26	443.99
		For Metal Trim Strips, Add	*207.88*	
		For Snap-On Inlet Grille, Add	*144.58*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*581.47*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0037	EA	32" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,477.03	465.48
		For Metal Trim Strips, Add	*217.48*	
		For Snap-On Inlet Grille, Add	*150.99*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*620.24*	
		For Knob Operated Damper, Add	*15.00*	
23 82 33 00-0038		Electric Convectors, Floor Standing Units *(23 82 33)*		
23 82 33 00-0039		4" Deep Electric Convectors *(23 82 33 00-0038)*		
23 82 33 00-0040	EA	38" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	572.86	106.93
23 82 33 00-0041	EA	50" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	634.97	106.93
23 82 33 00-0042		6" Deep Electric Convectors *(23 82 33 00-0038)*		
23 82 33 00-0043	EA	38" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	663.63	106.93
23 82 33 00-0044	EA	50" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	759.17	106.93
23 82 33 00-0045	EA	62" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	842.77	106.93
23 82 33 00-0046	EA	74" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	974.15	106.93
23 82 36		**Finned-Tube Radiation Heaters** *(23 82)*		
23 82 36 00-0001		Finned Tube Baseboard Units *(23 82 36)*		
		Note: Complete with steel enclosure. Single heating element.		
23 82 36 00-0002		3/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0001)*		
23 82 36 00-0003	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	353.62	42.32
		For 90 Degree Corner, Add	*50.94*	
		For Valve Enclosure, Add	*50.94*	
		For Filler Piece, Add	*43.94*	
		For End Cap, Add	*34.61*	
		For Copper Tube With Aluminum Fins, Add	*8.19*	
23 82 36 00-0004	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	469.94	64.01
		For 90 Degree Corner, Add	*59.32*	
		For Valve Enclosure, Add	*59.32*	
		For Filler Piece, Add	*52.32*	
		For End Cap, Add	*40.06*	
		For Copper Tube With Aluminum Fins, Add	*12.28*	
23 82 36 00-0005	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	569.05	84.63
		For 90 Degree Corner, Add	*64.25*	
		For Valve Enclosure, Add	*64.25*	
		For Filler Piece, Add	*57.25*	
		For End Cap, Add	*43.26*	
		For Copper Tube With Aluminum Fins, Add	*16.38*	
23 82 36 00-0006	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	708.80	118.49
		For 90 Degree Corner, Add	*77.70*	
		For Valve Enclosure, Add	*77.70*	
		For Filler Piece, Add	*70.70*	
		For End Cap, Add	*52.01*	
		For Copper Tube With Aluminum Fins, Add	*20.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0007	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	847.68	142.35
		For 90 Degree Corner, Add	*91.37*	
		For Valve Enclosure, Add	*91.37*	
		For Filler Piece, Add	*84.37*	
		For End Cap, Add	*60.89*	
		For Copper Tube With Aluminum Fins, Add	*24.24*	
23 82 36 00-0008	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	962.99	151.90
		For 90 Degree Corner, Add	*96.80*	
		For Valve Enclosure, Add	*96.80*	
		For Filler Piece, Add	*89.80*	
		For End Cap, Add	*64.42*	
		For Copper Tube With Aluminum Fins, Add	*29.09*	
23 82 36 00-0009	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,061.46	167.86
		For 90 Degree Corner, Add	*105.92*	
		For Valve Enclosure, Add	*105.92*	
		For Filler Piece, Add	*98.92*	
		For End Cap, Add	*70.35*	
		For Copper Tube With Aluminum Fins, Add	*32.00*	
23 82 36 00-0010	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,212.55	189.88
		For 90 Degree Corner, Add	*118.50*	
		For Valve Enclosure, Add	*118.50*	
		For Filler Piece, Add	*111.50*	
		For End Cap, Add	*78.53*	
		For Copper Tube With Aluminum Fins, Add	*36.85*	
23 82 36 00-0011	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,337.39	208.86
		For 90 Degree Corner, Add	*129.36*	
		For Valve Enclosure, Add	*129.36*	
		For Filler Piece, Add	*122.36*	
		For End Cap, Add	*85.59*	
		For Copper Tube With Aluminum Fins, Add	*40.73*	
23 82 36 00-0012		**1" IPS Steel Tube With Steel Fins** *(23 82 36 00-0001)*		
23 82 36 00-0013	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	417.44	42.32
		For 90 Degree Corner, Add	*50.94*	
		For Valve Enclosure, Add	*50.94*	
		For Filler Piece, Add	*43.94*	
		For End Cap, Add	*34.61*	
		For Copper Tube With Aluminum Fins, Add	*11.70*	
23 82 36 00-0014	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	565.67	64.01
		For 90 Degree Corner, Add	*59.32*	
		For Valve Enclosure, Add	*59.32*	
		For Filler Piece, Add	*52.32*	
		For End Cap, Add	*40.06*	
		For Copper Tube With Aluminum Fins, Add	*17.55*	
23 82 36 00-0015	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	696.69	84.63
		For 90 Degree Corner, Add	*64.25*	
		For Valve Enclosure, Add	*64.25*	
		For Filler Piece, Add	*57.25*	
		For End Cap, Add	*43.26*	
		For Copper Tube With Aluminum Fins, Add	*23.40*	
23 82 36 00-0016	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	867.64	118.49
		For 90 Degree Corner, Add	*77.73*	
		For Valve Enclosure, Add	*77.73*	
		For Filler Piece, Add	*70.73*	
		For End Cap, Add	*52.02*	
		For Copper Tube With Aluminum Fins, Add	*29.09*	
23 82 36 00-0017	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,036.43	142.35
		For 90 Degree Corner, Add	*91.34*	
		For Valve Enclosure, Add	*91.34*	
		For Filler Piece, Add	*84.34*	
		For End Cap, Add	*60.87*	
		For Copper Tube With Aluminum Fins, Add	*34.64*	
23 82 36 00-0018	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,189.71	151.90
		For 90 Degree Corner, Add	*96.80*	
		For Valve Enclosure, Add	*96.80*	
		For Filler Piece, Add	*89.80*	
		For End Cap, Add	*64.42*	
		For Copper Tube With Aluminum Fins, Add	*41.56*	
23 82 36 00-0019	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,310.52	167.86
		For 90 Degree Corner, Add	*105.85*	
		For Valve Enclosure, Add	*105.85*	
		For Filler Piece, Add	*98.85*	
		For End Cap, Add	*70.30*	
		For Copper Tube With Aluminum Fins, Add	*45.72*	
23 82 36 00-0020	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,499.73	189.88
		For 90 Degree Corner, Add	*118.50*	
		For Valve Enclosure, Add	*118.50*	
		For Filler Piece, Add	*111.50*	
		For End Cap, Add	*78.53*	
		For Copper Tube With Aluminum Fins, Add	*52.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0021	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,654.14	208.86
		For 90 Degree Corner, Add	*129.23*	
		For Valve Enclosure, Add	*129.23*	
		For Filler Piece, Add	*122.23*	
		For End Cap, Add	*85.50*	
		For Copper Tube With Aluminum Fins, Add	*58.19*	
23 82 36 00-0022		1-1/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0001)*		
23 82 36 00-0023	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	481.25	42.32
		For 90 Degree Corner, Add	*50.94*	
		For Valve Enclosure, Add	*50.94*	
		For Filler Piece, Add	*43.94*	
		For End Cap, Add	*34.61*	
		For Copper Tube With Aluminum Fins, Add	*15.21*	
23 82 36 00-0024	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	661.39	64.01
		For 90 Degree Corner, Add	*59.32*	
		For Valve Enclosure, Add	*59.32*	
		For Filler Piece, Add	*52.32*	
		For End Cap, Add	*40.06*	
		For Copper Tube With Aluminum Fins, Add	*22.81*	
23 82 36 00-0025	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	824.32	84.63
		For 90 Degree Corner, Add	*64.25*	
		For Valve Enclosure, Add	*64.25*	
		For Filler Piece, Add	*57.25*	
		For End Cap, Add	*43.26*	
		For Copper Tube With Aluminum Fins, Add	*30.42*	
23 82 36 00-0026	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,026.33	118.49
		For 90 Degree Corner, Add	*77.73*	
		For Valve Enclosure, Add	*77.73*	
		For Filler Piece, Add	*70.73*	
		For End Cap, Add	*52.02*	
		For Copper Tube With Aluminum Fins, Add	*37.82*	
23 82 36 00-0027	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,225.35	142.35
		For 90 Degree Corner, Add	*91.34*	
		For Valve Enclosure, Add	*91.34*	
		For Filler Piece, Add	*84.34*	
		For End Cap, Add	*60.87*	
		For Copper Tube With Aluminum Fins, Add	*45.03*	
23 82 36 00-0028	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,416.41	151.90
		For 90 Degree Corner, Add	*96.80*	
		For Valve Enclosure, Add	*96.80*	
		For Filler Piece, Add	*89.80*	
		For End Cap, Add	*64.42*	
		For Copper Tube With Aluminum Fins, Add	*54.03*	
23 82 36 00-0029	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,559.90	167.86
		For 90 Degree Corner, Add	*105.85*	
		For Valve Enclosure, Add	*105.85*	
		For Filler Piece, Add	*98.85*	
		For End Cap, Add	*70.30*	
		For Copper Tube With Aluminum Fins, Add	*59.44*	
23 82 36 00-0030	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,786.89	189.88
		For 90 Degree Corner, Add	*118.50*	
		For Valve Enclosure, Add	*118.50*	
		For Filler Piece, Add	*111.50*	
		For End Cap, Add	*78.53*	
		For Copper Tube With Aluminum Fins, Add	*68.44*	
23 82 36 00-0031	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,971.54	208.86
		For 90 Degree Corner, Add	*129.23*	
		For Valve Enclosure, Add	*129.23*	
		For Filler Piece, Add	*122.23*	
		For End Cap, Add	*85.50*	
		For Copper Tube With Aluminum Fins, Add	*75.65*	
23 82 36 00-0032		Electric Baseboard Heating *(23 82 36)*		
		Note: Includes 24 gauge steel enclosure and heating element		
23 82 36 00-0033		Electric Wall Heating 10" Enclosure *(23 82 36 00-0032)*		
23 82 36 00-0034	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element <250 Watts/FT	129.46	59.41
23 82 36 00-0035	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element >= 250 Watts/FT	132.33	59.41
23 82 36 00-0036		Electric Wall Heating 16" Enclosure *(23 82 36 00-0032)*		
23 82 36 00-0037	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element <350 Watts/FT	158.13	59.41
23 82 36 00-0038	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element >= 350 Watts/FT	165.29	59.41

23 82 39 Unit Heaters *(23 82)*

23 82 39 13 Cabinet Unit Heaters *(23 82 39)*

23 82 39 13-0001 Electric Cabinet Unit Heaters *(23 82 39 13)*
Note: Can be mounted on the ceiling, floor or wall. Includes built-in thermostat. 208, 240/208, 277, or 480 Volt.

23 82 39 13-0002 Electric Cabinet Unit Heaters, 35" Cabinet Length *(23 82 39 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 13-0003	EA	2 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,880.89	135.02
23 82 39 13-0004	EA	3 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,903.80	135.02
23 82 39 13-0005	EA	4 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,926.72	135.02
23 82 39 13-0006	EA	5 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,949.62	135.02
23 82 39 13-0007	EA	6 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,972.53	135.02
23 82 39 13-0008	EA	7 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,995.45	135.02
23 82 39 13-0009	EA	8 KW, 250 CFM, 35" Electric Cabinet Unit Heater	3,019.27	135.02
23 82 39 13-0010	EA	For Ceiling Installation of 35" Cabinet Unit Heater, Add	180.38	89.65
23 82 39 13-0011		Electric Cabinet Unit Heaters, 45" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0012	EA	4 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,058.61	162.02
23 82 39 13-0013	EA	6 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,104.44	162.02
23 82 39 13-0014	EA	8 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,150.25	162.02
23 82 39 13-0015	EA	10 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,196.08	162.02
23 82 39 13-0016	EA	12 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,241.89	162.02
23 82 39 13-0017	EA	14 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,287.72	162.02
23 82 39 13-0018	EA	16 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,333.53	162.02
23 82 39 13-0019	EA	For Ceiling Installation of 45" Cabinet Unit Heater, Add	216.03	108.02
23 82 39 13-0020		Electric Cabinet Unit Heaters, 58" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0021	EA	6 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,838.35	216.03
23 82 39 13-0022	EA	8 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,884.16	216.03
23 82 39 13-0023	EA	10 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,929.99	216.03
23 82 39 13-0024	EA	12 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,975.80	216.03
23 82 39 13-0025	EA	14 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,021.63	216.03
23 82 39 13-0026	EA	16 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,067.44	216.03
23 82 39 13-0027	EA	For Ceiling Installation of 58" Cabinet Unit Heater, Add	270.04	135.02
23 82 39 13-0028		Electric Cabinet Unit Heaters, 68" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0029	EA	6 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,526.46	270.04
23 82 39 13-0030	EA	9 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,595.19	270.04
23 82 39 13-0031	EA	12 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,663.92	270.04
23 82 39 13-0032	EA	15 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,732.64	270.04
23 82 39 13-0033	EA	18 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,801.39	270.04
23 82 39 13-0034	EA	21 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,870.11	270.04
23 82 39 13-0035	EA	24 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,938.84	270.04
23 82 39 13-0036	EA	For Ceiling Installation of 68" Cabinet Unit Heater, Add	360.77	180.38
23 82 39 13-0037		Electric Cabinet Unit Heaters, 78" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0038	EA	8 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,306.20	324.05
23 82 39 13-0039	EA	12 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,397.84	324.05
23 82 39 13-0040	EA	16 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,489.48	324.05
23 82 39 13-0041	EA	20 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,581.12	324.05
23 82 39 13-0042	EA	24 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,672.77	324.05
23 82 39 13-0043	EA	28 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,764.41	324.05
23 82 39 13-0044	EA	32 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,856.05	324.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 13-0045	EA	For Ceiling Installation of 78" Cabinet Unit Heater, Add	432.05	216.03

23 82 39 13-0046 Removal and Reinstallation of Cabinet Unit Heaters *(23 82 39 13)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 13-0047	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Floor or Wall	298.38	
23 82 39 13-0048	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Floor or Wall	515.40	
23 82 39 13-0049	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Ceiling	615.21	
23 82 39 13-0050	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Ceiling	832.21	

23 82 39 16 Propeller Unit Heaters *(23 82 39)*

23 82 39 16-0001 Hydronic Unit Heaters Using Steam Or Hot Water *(23 82 39 16)*

Note: For use with either steam or heating hot water. Heating output capacities for both are listed.

23 82 39 16-0002 Horizontal Hydronic Unit Heaters, Fan Propelled, 115 Volt *(23 82 39 16-0001)*

23 82 39 16-0003	EA	18 MBH Steam, 13 MBH Hot Water, 395 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	962.55	108.50
23 82 39 16-0004	EA	24 MBH Steam, 17.4 MBH Hot Water, 450 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	964.58	108.50
23 82 39 16-0005	EA	36 MBH Steam, 26.1 MBH Hot Water, 550 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,081.47	108.50
23 82 39 16-0006	EA	48 MBH Steam, 34.8 MBH Hot Water, 750 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,311.63	162.76
23 82 39 16-0007	EA	60 MBH Steam, 43.6 MBH Hot Water, 900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,371.43	162.76
23 82 39 16-0008	EA	72 MBH Steam, 52.3 MBH Hot Water, 1,100 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,460.48	162.76
23 82 39 16-0009	EA	84 MBH Steam, 61 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,744.30	217.01
23 82 39 16-0010	EA	96 MBH Steam, 69.7 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,923.71	217.01
23 82 39 16-0011	EA	108 MBH Steam, 78.4 MBH Hot Water, 2,800 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,037.89	217.01
23 82 39 16-0012	EA	120 MBH Steam, 87.1 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,130.31	217.01
23 82 39 16-0013	EA	132 MBH Steam, 95.8 MBH Hot Water, 2.000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,393.77	271.26
23 82 39 16-0014	EA	144 MBH Steam, 104 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,425.04	271.26
23 82 39 16-0015	EA	156 MBH Steam, 113 MBH Hot Water, 2,600 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,454.94	271.26
23 82 39 16-0016	EA	180 MBH Steam, 118 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,600.08	325.51
23 82 39 16-0017	EA	204 MBH Steam, 148 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,833.86	325.51
23 82 39 16-0018	EA	240 MBH Steam, 174 MBH Hot Water, 3,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	3,229.31	379.76
23 82 39 16-0019	EA	280 MBH Steam, 209.1 MBH Hot Water, 4,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	4,076.09	379.76
23 82 39 16-0020	EA	300 MBH Steam, 230 MBH Hot Water, 5,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	4,323.15	434.01
23 82 39 16-0021	EA	360 MBH Steam, 261.3 MBH Hot Water, 5,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	5,193.05	434.01
23 82 39 16-0022	EA	Fan Guard For Fan Propelled Steam Unit Heater, Horizontal Note: Required only for unit heaters located within 7' of a working surface.	261.51	27.13

23 82 39 16-0023 Vertical Hydronic Unit Heaters, Fan Propelled, 115 Volt *(23 82 39 16-0001)*

23 82 39 16-0024	EA	41.3 MBH Steam, 22.7 MBH Hot Water, 595 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,391.83	108.50
23 82 39 16-0025	EA	65.5 MBH Steam, 39.6 MBH Hot Water, 989 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,456.39	162.76
23 82 39 16-0026	EA	80.6 MBH Steam, 48.4 MBH Hot Water, 1,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,573.97	162.76
23 82 39 16-0027	EA	101.8 MBH Steam, 68.3 MBH Hot Water, 1,490 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,927.81	217.01
23 82 39 16-0028	EA	124.4 MBH Steam, 83.7 MBH Hot Water, 1,790 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,043.32	217.01
23 82 39 16-0029	EA	152 MBH Steam, 105.2 MBH Hot Water, 2,220 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,390.76	325.51
23 82 39 16-0030	EA	173 MBH Steam, 118.6 MBH Hot Water, 2,620 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,567.46	325.51
23 82 39 16-0031	EA	210.2 MBH Steam, 139.7 MBH Hot Water, 3,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,715.63	325.51
23 82 39 16-0032	EA	249.8 MBH Steam, 180.1 MBH Hot Water, 4,180 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,026.78	379.76
23 82 39 16-0033	EA	283.8 MBH Steam, 205.4 MBH Hot Water, 4,430 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,202.13	379.76
23 82 39 16-0034	EA	333.4 MBH Steam, 242.9 MBH Hot Water, 5,210 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,556.87	379.76
23 82 39 16-0035	EA	386 MBH Steam, 280.8 MBH Hot Water, 6,140 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	4,097.29	488.26
23 82 39 16-0036	EA	496 MBH Steam, 368.1 MBH Hot Water, 8,020 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	5,277.09	488.26
23 82 39 16-0037	EA	585 MBH Steam, 431.1 MBH Hot Water, 9,450 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	5,638.64	488.26
23 82 39 16-0038	EA	705 MBH Steam, 519.4 MBH Hot Water, 11,000 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	6,424.03	542.51
23 82 39 16-0039	EA	Fan Guard For Fan Propelled Steam Unit Heater, Vertical Note: Required only for unit heaters located within 7' of a working surface.	362.09	27.13

23 82 39 16-0040 Removal and Reinstallation of Propeller Unit Heaters *(23 82 39 16)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 16-0041	EA	Removal And Reinstallation Of Up To 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	651.01	
23 82 39 16-0042	EA	Removal And Reinstallation Of >120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	868.02	

23 82 39 19 Wall and Ceiling Unit Heaters *(23 82 39)*

23 82 39 19-0001 Electric Unit Heaters *(23 82 39 19)*

Note: May be mounted both vertically and horizontally.

23 82 39 19-0002	EA	3 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	827.61	108.02
23 82 39 19-0003	EA	5 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	827.61	108.02
23 82 39 19-0004	EA	7.5 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,111.86	135.02
23 82 39 19-0005	EA	10 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,273.98	162.02
23 82 39 19-0006	EA	15 KW, 910 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,862.49	216.03
23 82 39 19-0007	EA	20 KW, 1,320 CFM Electric Unit Heater, 208, 240/208, 277, or 480 Volt	2,720.85	270.04
23 82 39 19-0008	EA	30 KW, 2,100 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	3,764.01	324.05
23 82 39 19-0009	EA	50 KW, 3,000 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	5,518.77	378.05

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 19-0010	EA	3 KW, 350 CFM Electric Unit Heater - 480 Volt	1,026.43	108.02
23 82 39 19-0011	EA	5 KW, 350 CFM Electric Unit Heater - 480 Volt	987.62	108.02
23 82 39 19-0012	EA	7.5 KW, 650 CFM Electric Unit Heater - 480 Volt	1,168.68	135.02
23 82 39 19-0013	EA	10 KW, 650 CFM Electric Unit Heater - 480 Volt	1,347.90	162.02
23 82 39 19-0014	EA	15 KW, 910 CFM Electric Unit Heater - 480 Volt	2,010.34	216.03
23 82 39 19-0015		**Electric Ceiling and Wall Heaters** *(23 82 39 19)*		
		Note: The "/" between wattages indicates two or three speed operation. 120, 240/208 or 277 Volt.		
23 82 39 19-0016	EA	1,000, 1,500 Or 2,000 Watt Recessed Electric Wall Heater	397.74	67.51
23 82 39 19-0017	EA	1,500/750 Or 2,000/1,000 Watt Recessed Electric Wall Heater	466.59	75.61
23 82 39 19-0018	EA	3,000, 3,600, 4,000 Or 4,800 Watt Recessed Electric Wall Heater	745.22	75.61
23 82 39 19-0019	EA	1,000, 1,500 Or 2,000 Watt Surface Mounted Electric Wall Heater	454.97	67.51
23 82 39 19-0020	EA	1,500/750 Or 2,000/1,000 Watt Surface Mounted Electric Wall Heater	556.90	75.61
23 82 39 19-0021	EA	3,000, 3,600, 4,000 Or 4,800 Watt Surface Mounted Electric Wall Heater	851.31	75.61
23 82 39 19-0022	EA	1,000, 1,500 Or 2,000/1,500 Watt Recessed Electric Ceiling Heater	598.23	89.11
23 82 39 19-0023	EA	3,000, 4,000 Or 4,000/3,000 Watt Recessed Electric Ceiling Heater	1,141.15	94.51
23 82 39 19-0024	EA	4,800/3,600 Watt Recessed Electric Ceiling Heater	1,288.40	94.51
23 82 39 19-0025	EA	4,000/3,000/2,000 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,499.11	99.92
23 82 39 19-0026	EA	5,000/3,800/2,500 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,628.40	99.92
23 82 39 19-0027	EA	1,000, 1,500 Or 2,000/1,500 Watt Surface Mounted Electric Ceiling Heater	674.72	89.11
23 82 39 19-0028	EA	3,000, 4,000 Or 4,000/3,000 Watt Surface Mounted Electric Ceiling Heater	1,261.63	94.51
23 82 39 19-0029	EA	4,800/3,600 Watt Surface Mounted Electric Ceiling Heater	1,408.88	94.51
23 82 39 19-0030	EA	Selectable Wattage (500 Or 750 Or 1000 Or 1,250 Or 1,500 Or 1,750 Or 2,250 Watt), 240 Volt, Surface Mounted, Electric Wall Heater (Markel Series 305 - Model H30522T2DWB)	618.23	67.51
23 82 39 19-0031		**Removal And Reinstallation Of Electric Unit Heaters** *(23 82 39 19)*		
		Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 19-0032	EA	Removal And Reinstallation Of Up To 15KW Electric Unit Heater	390.63	
23 82 39 19-0033	EA	Removal And Reinstallation Of >15 KW Electric Unit Heater	803.01	

23 83 Radiant Heating Units *(23 80)*

23 83 13 Radiant-Heating Electric Cables *(23 83)*

23 83 13 13 Radiant-Heating Electric Cables *(23 83 13)*

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 83 13 13-0001		**Self Regulating Heating Cable** *(23 83 13 13)*		
23 83 13 13-0002	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 Degrees F.	9.01	0.84
23 83 13 13-0003	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 degrees F.	9.61	0.84
23 83 13 13-0004	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 degrees F.	10.03	0.84
23 83 13 13-0005	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 degrees F.	9.01	0.84
23 83 13 13-0006	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 degrees F	10.63	0.84
23 83 13 13-0007	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 degrees F.	11.23	0.84
23 83 13 13-0008	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 Degrees F.	11.22	0.84
23 83 13 13-0009	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	11.50	0.84
23 83 13 13-0010	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	11.78	0.84
23 83 13 13-0011	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	11.22	0.84
23 83 13 13-0012	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F	11.50	0.84
23 83 13 13-0013	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	11.78	0.84
23 83 13 13-0014	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 Degrees F.	14.00	0.84
23 83 13 13-0015	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 degrees F.	14.55	0.84
23 83 13 13-0016	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 degrees F.	14.83	0.84
23 83 13 13-0017	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 degrees F.	14.00	0.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 83 13 13-0018	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 degrees F	14.55	0.84
23 83 13 13-0019	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 degrees F.	14.83	0.84
23 83 13 13-0020	EA	Power Connection Kit With Pre-set Thermostat For Self Regulating Low Temperature Heating Cable	315.93	66.64
23 83 13 13-0021	EA	Splice And Tee Kit For Self Regulating Low Temperature Heating Cable	315.93	66.64
23 83 13 13-0022	EA	End Seal Kit For Self Regulating Low Temperature Heating Cable	206.90	12.12
23 83 13 13-0023	EA	Ambient Air Sensing Thermostat For Self Regulating Low Temperature Heating Cable	560.78	30.29
23 83 13 13-0024	EA	Mechanical Or Electrical Line Sensing Thermostat For Self Regulating Low Temperature Heating Cable	617.61	30.29

23 84 Humidity Control Equipment *(23 80)*

23 84 13 Humidifiers *(23 84)*

23 84 13 16 Wetted-Element Humidifiers *(23 84 13)*

23 84 13 16-0001 Electric Steam Humidifiers, Self-Steam Producing *(23 84 13 16)*
Note: Electronic modulating duct or air handling unit installation 208V-108V with 12"-72" manifolds included.

23 84 13 16-0002	EA	1-96 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	12,421.16	447.03
23 84 13 16-0003	EA	20-168 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	15,763.60	448.11

23 84 13 23 Direct-Steam-Injection Humidifiers *(23 84 13)*

23 84 13 23-0001 Steam Type Pneumatically Controlled *(23 84 13 23)*
Note: For duct or air handling installation standard unit with integral operator distribution manifold strainer trap and pneumatic modulating valve. Excludes humidistat and piping.

23 84 13 23-0002	EA	3-191 LB/Hour Steam Humidifier, 24" Manifold, Pneumatic Controls	1,980.79	286.44
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*608.70*	
23 84 13 23-0003	EA	3-191 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	1,980.79	286.44
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*608.70*	
23 84 13 23-0004	EA	65-334 LB/Hour Steam Humidifier, 36" Manifold, Pneumatic Controls	2,860.20	286.44
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*872.53*	
23 84 13 23-0005	EA	65-334 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	2,968.70	358.06
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*908.69*	
23 84 13 23-0006	EA	100-690 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	4,306.18	286.44
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,306.32*	
23 84 13 23-0007	EA	100-690 LB/Hour Steam Humidifier, 84" Manifold, Pneumatic Controls	4,414.68	358.06
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,342.49*	
23 84 13 23-0008	EA	220-2,000 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	6,674.02	358.06
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*2,020.29*	
23 84 13 23-0009	EA	220-2,000 LB/Hour Steam Humidifier, 144" Manifold, Pneumatic Controls	6,809.65	448.11
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*2,065.50*	

23 84 13 29 Self-Contained Steam Humidifiers *(23 84 13)*

23 84 13 29-0001 Residential Humidifiers *(23 84 13 29)*
Note: Includes solenoid valve and flow through water supply.

23 84 13 29-0002	EA	Duct Or Furnace Mounted Humidifier, Residential Type	564.60	54.25

23 84 16 Mechanical Dehumidification Units *(23 84)*

23 84 16 16 Indoor, Mechanical Dehumidification Units *(23 84 16)*

23 84 16 16-0001 Mechanical Dehumidification Units *(23 84 16 16)*
Note: Sized by moisture removal per 24 hours.

23 84 16 16-0002	EA	65 Pint Per Day, 160 CFM, 8" Duct Connection, Refrigerant Dehumidifier	2,198.98	54.00
23 84 16 16-0003	EA	90 Pint Per Day, 235 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier	2,768.92	63.00
23 84 16 16-0004	EA	120 Pint Per Day, 350 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier	3,717.32	72.01

23 84 16 33 Portable Dehumidifiers *(23 84 16)*

23 84 16 33-0001 Self Contained Free Standing Unit *(23 84 16 33)*
Note: Sized by moisture removal per 24 hours.

23 84 16 33-0002	EA	30 Pint/24 Hour Dehumidifier	483.19	116.91
23 84 16 33-0003	EA	50 Pint/24 Hour Dehumidifier	585.79	116.91
23 84 16 33-0004	EA	70 Pint/24 Hour Dehumidifier	647.34	116.91

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

25 Integrated Automation

25 50 Integrated Automation Facility Controls *(25)*

25 55 Integrated Automation Control of HVAC *(25 50)*

See CSI section 23 09 00 00-0000 for Instrumentation And Control For HVAC.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 Electrical

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels. Electricial equipment and lighting shall conform to California Title 24.

26 01 Operation and Maintenance of Electrical Systems *(26)*

26 01 10 Operation and Maintenance of Medium-Voltage Electrical Distribution *(26 01)*

26 01 10 91 Medium-Voltage Electrical Distribution Restoration *(26 01 10)*

26 01 10 91-0001 Retrofit Distribution Enclosures *(26 01 10 91)*
Note: Includes removal of equipment housing, punch or drill hole for window, touch-up area, and reinstallation of equipment housing.

26 01 10 91-0002	EA	2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-2C) Note: 2mm thick, aluminum frame, hinged cover.	525.17	
		For Up To 20, Add	*112.66*	
		For >20 To 50, Add	*90.13*	
		For >50 To 100, Add	*45.06*	
26 01 10 91-0003	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-3C) Note: 2mm thick, aluminum frame, hinged cover.	686.69	
		For Up To 20, Add	*153.04*	
		For >20 To 50, Add	*122.43*	
		For >50 To 100, Add	*61.22*	
26 01 10 91-0004	EA	4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-4C) Note: 4mm thick, aluminum frame, hinged cover.	1,042.03	
		For Up To 20, Add	*241.88*	
		For >20 To 50, Add	*193.50*	
		For >50 To 100, Add	*96.75*	
26 01 10 91-0005	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 1 Rated (Fluke CLKTO) Note: 2mm thick, aluminum frame, twist cover.	520.57	
		For Up To 20, Add	*111.51*	
		For >20 To 50, Add	*89.21*	
		For >50 To 100, Add	*44.60*	
26 01 10 91-0006	EA	2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-2) Note: 2mm thick, aluminum frame, twist cover.	523.41	
		For Up To 20, Add	*112.22*	
		For >20 To 50, Add	*89.78*	
		For >50 To 100, Add	*44.89*	
26 01 10 91-0007	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-3) Note: 2mm thick, aluminum frame, twist cover.	673.54	
		For Up To 20, Add	*149.75*	
		For >20 To 50, Add	*119.80*	
		For >50 To 100, Add	*59.90*	
26 01 10 91-0008	EA	4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-4) Note: 4mm thick, aluminum frame, twist cover.	1,012.83	
		For Up To 20, Add	*234.58*	
		For >20 To 50, Add	*187.66*	
		For >50 To 100, Add	*93.83*	
26 01 10 91-0009	EA	2" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	408.88	
		For Up To 20, Add	*83.59*	
		For >20 To 50, Add	*66.87*	
		For >50 To 100, Add	*33.44*	
26 01 10 91-0010	EA	3" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	583.32	
		For Up To 20, Add	*127.20*	
		For >20 To 50, Add	*101.76*	
		For >50 To 100, Add	*50.88*	
26 01 10 91-0011	EA	4" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	837.71	
		For Up To 20, Add	*190.80*	
		For >20 To 50, Add	*152.64*	
		For >50 To 100, Add	*76.32*	
26 01 10 91-0012	EA	2" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	762.23	
		For Up To 20, Add	*171.93*	
		For >20 To 50, Add	*137.54*	
		For >50 To 100, Add	*68.77*	
26 01 10 91-0013	EA	3" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	1,054.08	
		For Up To 20, Add	*244.89*	
		For >20 To 50, Add	*195.91*	
		For >50 To 100, Add	*97.96*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 10 91-0014	EA	4" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	1,945.49	
		Note: 4mm thick, aluminum frame, magnetic cover.		
		For Up To 20, Add	*467.74*	
		For >20 To 50, Add	*374.19*	
		For >50 To 100, Add	*187.10*	
26 01 10 91-0015	EA	3" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	878.23	
		Note: 4mm thick, aluminum frame, magnetic cover.		
		For Up To 20, Add	*200.93*	
		For >20 To 50, Add	*160.74*	
		For >50 To 100, Add	*80.37*	
26 01 10 91-0016	EA	4" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	1,300.82	
		Note: 4mm thick, aluminum frame, magnetic cover.		
		For Up To 20, Add	*306.57*	
		For >20 To 50, Add	*245.26*	
		For >50 To 100, Add	*122.63*	

26 01 10 99 Medium-Voltage Electrical Distribution, Facilities Maintenance and Repair *(26 01 10)*

26 01 10 99-0001 Liquid Filled Primary Transformer *(26 01 10 99)*

Note: Includes all required small tools and equipment.

26 01 10 99-0002 Repair 500 KVA Liquid Filled Primary Transformer *(26 01 10 99-0001)*

26 01 10 99-0003	EA	Remove Transformer Component, Repair 500 KVA Liquid Filled Primary Transformer	120.19
26 01 10 99-0004	EA	Install New Transformer Component, Repair 500 KVA Liquid Filled Primary Transformer	2,674.05

26 01 10 99-0005 Maintenance And Inspection, Liquid Filled Primary Transformer *(26 01 10 99-0001)*

26 01 10 99-0006	EA	Test Energized Transformer, Maintenance And Inspection, Liquid Filled Primary Transformer	60.09

26 01 10 99-0007 Replace 500 KVA Liquid Filled Primary Transformer *(26 01 10 99-0001)*

26 01 10 99-0008	EA	Remove Transformer, Replace 500 KVA Liquid Filled Primary Transformer	1,769.49
26 01 10 99-0009	EA	Install New 5 KV Primary, 277/480 Volt Secondary, Replace 500 KVA Liquid Filled Primary Transformer	44,106.16

26 01 10 99-0010 Switchgear, Mainframe *(26 01 10 99)*

Note: Includes all required small tools and equipment.

26 01 10 99-0011 Repair 1,200 Amp Switchgear *(26 01 10 99-0010)*

26 01 10 99-0012	EA	Remove Relay, Repair 1,200 Amperes Switchgear	204.56
26 01 10 99-0013	EA	Install New Relay, Repair 1,200 Amperes Switchgear	1,860.68

26 01 10 99-0014 Maintenance And Inspection, Mainframe Switchgear *(26 01 10 99-0010)*

26 01 10 99-0015	EA	Check And Retighten Switchgear Connections, Maintenance And Inspection, Mainframe Switchgear	96.15

26 01 10 99-0016 Replace 1,200 Amp Switchgear *(26 01 10 99-0010)*

26 01 10 99-0017	EA	Remove 1,200 Amperes Switchgear, Replace 1,200 Amperes Switchgear	721.11
26 01 10 99-0018	EA	Install New 1,200 Amperes Switchgear, Replace 1,200 Amperes Switchgear	4,360.66
26 01 10 99-0019	EA	Test Switchgear, Replace 1,200 Amperes Switchgear	240.37

26 01 10 99-0020 500kVA And Over, Dry Type Transformer Preventative Maintenance *(26 01 10 99)*

Note: Includes all required small tools and equipment.

26 01 10 99-0021	EA	Annual Preventative Maintenance For 500kVA And Over, Dry Type Transformer	110.48
		Note: 1. Examine Exterior Of Transformer For Any Damage. 2. Remove Covers Or Open Doors. 3. Check For Signs Of Moisture Or Overheating. 4. Check For Voltage Creeping Over Insulated Surfaces, Such As Evidenced By Tracking Or Carbonization. 5. Check Fans, Motors And Other Auxiliary Devices For Proper Operation; Where Applicable. 6. Check Condition Of Ground System. 7. Reinstall Covers Or Close Doors. 8. Fill Out Maintenance Checklist And Report Deficiencies.		

26 01 10 99-0022 Pad Mounted Oil Transformer Preventative Maintenance *(26 01 10 99)*

Note: Includes all required small tools and equipment.

26 01 10 99-0023	EA	Annual Preventative Maintenance For Pad Mounted Oil Transformer	169.38
		Note: 1. Examine Exterior Of Transformer For Any Damage, Cracks, Rust And Leaks; Check Around Bushings, Gasket And Pressure Relief Device. 2. Check Condition Of Ground System. 3. Check And Record Oil Level, Pressure And Temperature Readings. 4. Check Fans, Motors And Other Auxiliary Devices For Proper Operation; Where Applicable. 5. Draw Oil Sample From Top Of Transformer And Have Sample Tested For Dielectric Strength; Add Oil To Replace Sample Taken. 6. Clean Transformer Exterior And Surrounding Area. 7. Fill Out Maintenance Checklist And Report Deficiencies.		

26 01 10 99-0024 PCB Pad Mounted Oil Transformer Preventative Maintenance *(26 01 10 99)*

Note: Includes all required small tools and equipment.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 10 99-0025	EA	Annual Preventative Maintenance For PCB Pad Mounted Oil Transformer Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Examine Exterior Of The Transformer For Any Damage, Cracks, Rust And Leaks; Check Around Gaskets, Pressure Relief Device And Cooling Fins. 3. Check And Record Oil Level, Pressure And Temperature Readings. 4. Check Fans, Motors And Other Auxiliary Devices For Proper Operation; Where Applicable. 5. Check Exterior Bushings For Leaking Oil. 6. Check Condition Of Ground System. 7. Draw Oil Sample From Top Of Transformer And Have Sample Tested; Add Oil To Replace Sample Taken. 8. Clean Transformer Exterior And Surrounding Area. 9. Verify PCB Warning Markings Are Intact And Clearly Visible 10. Fill Out Maintenance Checklist And Report Deficiencies. 11. EPA Regulations Under 40 CFR 716.30 Shall Apply To All Inspections, Samples, Disposal, Cleanups, Decontamination, Reporting And Record Keeping.	218.90	

26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution *(26 01)*

26 01 20 91 Low-Voltage Electrical Distribution Restoration *(26 01 20)*

26 01 20 91-0001 Lock Out/Tag Out Devices *(26 01 20 91)*

Note: Includes following OSHA procedures and completing Owner's paperwork. Excludes circuit tracing.

26 01 20 91-0002	EA	Lock Out/Tag Out Local Disconnect Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).	43.62	
26 01 20 91-0003	EA	Lock Out/Tag Out Breaker Or Motor Starter Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).	43.62	
26 01 20 91-0004	EA	Lock Out Padlock Device Note: Includes the installation and removal of pad lock when required	12.12	
26 01 20 91-0005	EA	Lock Out Tags Note: Includes filling out tag information, installation and removal of identifying tags.	4.80	

26 01 20 91-0006 Existing Circuit Tracing *(26 01 20 91)*

26 01 20 91-0007	EA	Motors, Diconnects And Other Single Source Devices, Existing Circuit Tracing Per Device	25.20	
26 01 20 91-0008	EA	Lighting, Existing Circuit Tracing Per Circuit	25.20	

26 01 20 99 Low-Voltage Electrical Distribution, Facilities Maintenance and Repair *(26 01 20)*

Note: The Maintenance & Repair section is a listing of common maintenance tasks performed at facilities. Under the System Description column, each task, including its components, is described. Labor-hours have been enhanced, where appropriate, to include setup and delay time. In some cases, the list of steps comprising the task includes most of the potential repairs that could be made on a system. For those tasks, individual items, as appropriate, can be selected from the allencompassing list.

26 01 20 99-0001 Electrical Service/Distribution *(26 01 20 99)*

Note: Includes all required small tools and equipment.

26 01 20 99-0002 Dry Primary Transformer *(26 01 20 99-0001)*

26 01 20 99-0003 Repair 15 KV Dry Primary Transformer *(26 01 20 99-0002)*

26 01 20 99-0004	EA	Repair Transformer Terminal (For Repair 15 KV Dry Primary Transformer)	306.88	

26 01 20 99-0005 Maintenance And Inspection, Dry Primary Transformer *(26 01 20 99-0002)*

26 01 20 99-0006	EA	Test Energized Transformer (For Maintenance And Inspection, Dry Primary Transformer)	60.09	

26 01 20 99-0007 Replace 15 KV Dry Primary Transformer *(26 01 20 99-0002)*

26 01 20 99-0008	EA	Remove Transformer (For Replace 15 KV Dry Primary Transformer)	1,769.49	
26 01 20 99-0009	EA	Install New 500 KVA, 277/480 Volt Secondary (For Replace 15 KV Dry Primary Transformer)	42,200.68	

26 01 20 99-0010 Fuses *(26 01 20 99-0001)*

26 01 20 99-0011 Replace Fuse *(26 01 20 99-0010)*

26 01 20 99-0012	EA	Remove Fuse (For Replace Fuse)	18.15	
26 01 20 99-0013	EA	Install New Fuse 600 Amp (For Replace Fuse)	466.31	

26 01 20 99-0014 Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0001)*

26 01 20 99-0015 Repair (5% Of Total Circuit Breaker) Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*

26 01 20 99-0016	EA	Remove Circuit Breaker (For Repair (5% Of Total Circuit Breaker) Less Than 600 Volt Indoor Switchgear)	48.07	
26 01 20 99-0017	EA	Install New Circuit Breaker (For Repair (5% Of Total Circuit Breaker) Less Than 600 Volt Indoor Switchgear)	797.48	

26 01 20 99-0018 Maintenance And Inspection, Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*

26 01 20 99-0019	EA	Inspect And Clean Panel (For Maintenance And Inspection, Less Than 600 Volt Indoor Switchgear)	60.09	

26 01 20 99-0020 Replace 225 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*

26 01 20 99-0021	EA	Remove 4 Wire, 120/208 Volt, Panel Board (For Replace 225 AMP Switchgear, Less Than 600 Volt Indoor Switchgear)	480.74	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0022	EA	Install New 4 Wire, 120/208 Volt, 225 Amp Main Circuit Breaker, Panel Board (For Replace 225 AMP Switchgear, Less Than 600 Volt Indoor Switchgear)	2,004.42	
26 01 20 99-0023	EA	Test Circuits (For Replace 225 AMP Switchgear, Less Than 600 Volt Indoor Switchgear)	181.36	
26 01 20 99-0024		Replace 400 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*		
26 01 20 99-0025	EA	Turn Power Off, Later Turn On (For Replace 400 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	24.04	
26 01 20 99-0026	EA	Remove 4 Wire, 120/208 Volt, 100 Amp, Panel Board (For Replace 400 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	400.58	
26 01 20 99-0027	EA	Remove 4 Wire, 120/208 Volt, 400 Amp, Panel Board (For Replace 400 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	1,001.50	
26 01 20 99-0028	EA	Install New 100 Amp Main Circuit Breaker, 4 Wire, 120/208 Volt, Panel Board (For Replace 400 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	6,533.40	
26 01 20 99-0029	EA	Install New 400 Amp Main Circuit Breaker, 4 Wire, 120/208 Volt, Panel Board (For Replace 400 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	10,764.44	
26 01 20 99-0030	EA	Test Circuits (For Replace 400 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	17.43	
26 01 20 99-0031		Replace 600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*		
26 01 20 99-0032	EA	Turn Power Off, Later Turn On (For Replace 600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	36.06	
26 01 20 99-0033	EA	Remove 4 Wire, 120/208 Volt, 200 Amp, Panel Board (For Replace 600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	801.27	
26 01 20 99-0034	EA	Remove Incoming Section (For Replace 600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	582.66	
26 01 20 99-0035	EA	Remove Distribution Section (For Replace 600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	480.74	
26 01 20 99-0036	EA	Install New 225 Amp Main Circuit Breaker, 4 Wire, 120/208 Volt, Panel Board (For Replace 600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	6,529.77	
26 01 20 99-0037	EA	Install New Incoming Section, 600 Amp (For Replace 600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	6,937.77	
26 01 20 99-0038	EA	Install New Distribution Section, 600 Amp (For Replace 600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	3,530.40	
26 01 20 99-0039	EA	Test Circuits (For Replace 600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	26.20	
26 01 20 99-0040		Replace 800 Amp Switchgear, Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*		
26 01 20 99-0041	EA	Turn Power Off, Later Turn On (For Replace 800 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	48.07	
26 01 20 99-0042	EA	Remove 4 Wire, 120/208 Volt, 200 Amperes, 2 Panel Boards (For Replace 800 Amp Switchgear, Less Than 600 Volt Indoor Switchgear)	1,602.43	
26 01 20 99-0043	EA	Remove Incoming Section (For Replace 800 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	663.06	
26 01 20 99-0044	EA	Remove Distribution Section (For Replace 800 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	534.10	
26 01 20 99-0045	EA	Install New 225 Amperes Main Lugs, 4 Wire, 120/208 Volt, 2 Panel Boards (For Replace 800 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	12,674.12	
26 01 20 99-0046	EA	Install New Incoming Section, 800 Amperes (For Replace 800 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	7,200.02	
26 01 20 99-0047	EA	Install New Distribution Section, 800 Amperes (For Replace 800 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	4,212.90	
26 01 20 99-0048	EA	Test Circuits (For Replace 800 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	34.97	
26 01 20 99-0049		Replace 1,200 Amp Switchgear, Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*		
26 01 20 99-0050	EA	Turn Power Off, Later Turn On (For Replace 1,200 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	72.11	
26 01 20 99-0051	EA	Remove 4 Wire, 120/208 Volt, 200 Amperes, 4 Panel Boards (For Replace 1,200 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	3,204.98	
26 01 20 99-0052	EA	Remove Incoming Section (For Replace 1,200 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	801.27	
26 01 20 99-0053	EA	Remove Distribution Section (For Replace 1,200 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	620.28	
26 01 20 99-0054	EA	Install New 225 Amperes Main Lugs, 4 Wire, 120/208 Volt, 4 Panel Boards (For Replace 1,200 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	25,348.23	
26 01 20 99-0055	EA	Install New Incoming Section, 1,200 Amperes (For Replace 1,200 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	8,697.40	
26 01 20 99-0056	EA	Install New Distribution Section, 1,200 Amperes (For Replace 1,200 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	5,719.36	
26 01 20 99-0057	EA	Test Circuits (For Replace 1,200 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	52.40	
26 01 20 99-0058		Replace 1,600 Amp Switchgear, Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*		
26 01 20 99-0059	EA	Turn Power Off, Later Turn On (For Replace 1,600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	96.15	
26 01 20 99-0060	EA	Remove 4 Wire, 120/208 Volt, 200 Amperes, 6 Panel Boards (For Replace 1,600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	4,807.41	
26 01 20 99-0061	EA	Remove Incoming Section (For Replace 1,600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	874.11	
26 01 20 99-0062	EA	Remove Distribution Section (For Replace 1,600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	663.06	
26 01 20 99-0063	EA	Install New 225 Amperes Main Lugs, 4 Wire, 120/208 Volt, 6 Panel Boards (For Replace 1,600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	38,022.23	
26 01 20 99-0064	EA	Install New Incoming Section, 1,600 Amperes (For Replace 1,600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	8,940.17	
26 01 20 99-0065	EA	Install New Distribution Section, 1,600 Ampere (For Replace 1,600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	7,677.40	
26 01 20 99-0066	EA	Test Circuits (For Replace 1,600 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	69.95	
26 01 20 99-0067		Replace 2,000 Amp Switchgear, Less Than 600 Volt Indoor Switchgear *(26 01 20 99-0014)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0068	EA	Turn Power Off, Later Turn On (For Replace 2,000 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	120.19	
26 01 20 99-0069	EA	Remove 4 Wire, 120/208 Volt, 200 Amperes, 8 Panel Boards (For Replace 2,000 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	6,409.84	
26 01 20 99-0070	EA	Remove Incoming Section (For Replace 2,000 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	915.69	
26 01 20 99-0071	EA	Remove Distribution Section (For Replace 2,000 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	712.22	
26 01 20 99-0072	EA	Install New 225 Amperes Main Lugs, 4 Wire, 120/208 Volt, 8 Panel Boards (For Replace 2,000 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	50,696.34	
26 01 20 99-0073	EA	Install New Incoming Section, 2,000 Amperes (For Replace 2,000 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	9,694.53	
26 01 20 99-0074	EA	Install New Distribution Section, 2,000 Amperes (For Replace 2,000 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	9,138.22	
26 01 20 99-0075	EA	Test Circuits (For Replace 2,000 Amperes Switchgear, Less Than 600 Volt Indoor Switchgear)	87.37	
26 01 20 99-0076		600 Volt Indoor Switchgear *(26 01 20 99-0001)*		
26 01 20 99-0077		Maintenance And Repair (5% Of Total Fuses) 600 Volt Indoor Switchgear *(26 01 20 99-0076)*		
26 01 20 99-0078	EA	Remove Fuse (For Maintenance And Repair (5% Of Total Fuses) 600 Volt Indoor Switchgear)	18.15	
26 01 20 99-0079	EA	Install New Fuse (For Maintenance And Repair (5% Of Total Fuses) 600 Volt Indoor Switchgear)	466.31	
26 01 20 99-0080		Maintenance And Inspection, 600 Volt Indoor Switchgear *(26 01 20 99-0076)*		
26 01 20 99-0081	EA	Inspect And Clean Panel (For Maintenance And Inspection, 600 Volt Indoor Switchgear)	60.09	
26 01 20 99-0082		Replace 600 Volt Switchgear *(26 01 20 99-0076)*		
26 01 20 99-0083	EA	Remove Indoor Switchgear (For Replace 600 Volt Switchgear)	480.74	
26 01 20 99-0084	EA	Install New Switchgear (For Replace 600 Volt Switchgear)	2,996.94	
26 01 20 99-0085	EA	Test Circuits (For Replace 600 Volt Switchgear)	240.37	
26 01 20 99-0086		Switchboard Meters *(26 01 20 99-0001)*		
26 01 20 99-0087		Repair Switchboard Meter *(26 01 20 99-0086)*		
26 01 20 99-0088	EA	Repair Meter (For Repair Switchboard Meter)	1,410.45	
26 01 20 99-0089		Replace Switchboard Meter *(26 01 20 99-0086)*		
26 01 20 99-0090	EA	Remove Meter (For Replace Switchboard Meter)	60.09	
26 01 20 99-0091	EA	Install New Meter (For Replace Switchboard Meter)	4,239.88	
26 01 20 99-0092		Inverter *(26 01 20 99-0001)*		
26 01 20 99-0093		Maintenance And Repair, 1 KVA Inverter *(26 01 20 99-0092)*		
26 01 20 99-0094	EA	Repair Inverter Component (For Maintenance And Repair, 1 KVA Inverter)	978.85	
26 01 20 99-0095		Maintenance And Inspection, 1 KVA Inverter *(26 01 20 99-0092)*		
26 01 20 99-0096	EA	Check Connections, Controls And Relays, Maintenance And Inspection, 1 KVA Inverter	192.30	
26 01 20 99-0097		Replace 1 KVA Inverter *(26 01 20 99-0092)*		
26 01 20 99-0098	EA	Remove Inverter (For Replace 1 KVA Inverter)	60.09	
26 01 20 99-0099	EA	Install New Inverter (For Replace 1 KVA Inverter)	3,971.55	
26 01 20 99-0100		Up To 600 Volt Rectifier *(26 01 20 99-0001)*		
26 01 20 99-0101		Maintenance And Repair, Up To 600 Volt Rectifier *(26 01 20 99-0100)*		
26 01 20 99-0102	EA	Repair Rectifier Component (For Maintenance And Repair, Up To 600 Volt Rectifier)	821.63	
26 01 20 99-0103		Maintenance And Inspection, Up To 600 Volt Rectifier *(26 01 20 99-0100)*		
26 01 20 99-0104	EA	Check Connections, Controls And Relays (For Maintenance And Inspection, Up To 600 Volt Rectifier)	192.30	
26 01 20 99-0105		Replace Up To 600 Volt Rectifier *(26 01 20 99-0100)*		
26 01 20 99-0106	EA	Remove Rectifier (For Replace Up To 600 Volt Rectifier)	60.09	
26 01 20 99-0107	EA	Install New Rectifier (For Replace Up To 600 Volt Rectifier)	1,225.30	
26 01 20 99-0108		Less Than 600 Volt Motor Starter *(26 01 20 99-0001)*		
26 01 20 99-0109		Maintenance And Repair, Less Than 600 Volt Motor Starter *(26 01 20 99-0108)*		
26 01 20 99-0110	EA	Remove Motor Starter Coil (For Maintenance And Repair, Less Than 600 Volt Motor Starter)	60.09	
26 01 20 99-0111	EA	Install New Motor Starter Coil (For Maintenance And Repair, Less Than 600 Volt Motor Starter)	277.96	
26 01 20 99-0112		Maintenance And Inspection, Less Than 600 Volt Motor Starter *(26 01 20 99-0108)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0113	EA	Inspect And Clean Motor Starter (For Maintenance And Inspection, Less Than 600 Volt Motor Starter)	80.16	
26 01 20 99-0114		**Replace Starter, Less Than 600 Volt Motor Starter** *(26 01 20 99-0108)*		
26 01 20 99-0115	EA	Remove Motor Starter (For Replace Starter, Less Than 600 Volt Motor Starter)	108.05	
26 01 20 99-0116	EA	Install New 5 HP, Size 0, Magnetic Motor Starter (For Replace Starter, Less Than 600 Volt Motor Starter)	881.59	
26 01 20 99-0117	EA	Cut, Form, Align And Connect Wires (For Replace Starter, Less Than 600 Volt Motor Starter)	18.15	
26 01 20 99-0118	EA	Check Operation Of Motor Starter (For Replace Starter, Less Than 600 Volt Motor Starter)	2.16	
26 01 20 99-0119		**600 Volt Motor Starter** *(26 01 20 99-0001)*		
26 01 20 99-0120		**Maintenance And Repair, 600 Volt Motor Starter** *(26 01 20 99-0119)*		
26 01 20 99-0121	EA	Remove Motor Starter Coil (For Maintenance And Repair, 600 Volt Motor Starter)	204.56	
26 01 20 99-0122	EA	Install New Motor Starter Coil (For Maintenance And Repair, 600 Volt Motor Starter)	735.98	
26 01 20 99-0123		**Maintenance And Inspection, 600 Volt Motor Starter** *(26 01 20 99-0119)*		
26 01 20 99-0124	EA	Inspect And Clean Motor Starter (For Maintenance And Inspection, 600 Volt Motor Starter)	80.16	
26 01 20 99-0125		**Replace 600 Volt Motor Starter** *(26 01 20 99-0119)*		
26 01 20 99-0126	EA	Remove Motor Starter (For Replace 600 Volt Motor Starter)	400.58	
26 01 20 99-0127	EA	Install New 3 Pole, 100 HP Motor, FVRN Motor Starter (For Replace 600 Volt Motor Starter)	6,061.95	
26 01 20 99-0128	EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt Motor Starter)	20.43	
26 01 20 99-0129	EA	Check Operation Of Motor Starter (For Replace 600 Volt Motor Starter)	2.16	
26 01 20 99-0130		**Liquid Filled Secondary Transformer** *(26 01 20 99-0001)*		
26 01 20 99-0131		**Maintenance And Repair, Liquid Filled Secondary Transformer** *(26 01 20 99-0130)*		
26 01 20 99-0132	EA	Remove Transformer Terminal (For Maintenance And Repair, Liquid Filled Secondary Transformer)	41.82	
26 01 20 99-0133	EA	Install New Transformer Terminal (For Maintenance And Repair, Liquid Filled Secondary Transformer)	134.30	
26 01 20 99-0134		**Maintenance And Inspection, Liquid Filled Secondary Transformer** *(26 01 20 99-0130)*		
26 01 20 99-0135	EA	Check Connections And Fluid (For Maintenance And Inspection, Liquid Filled Secondary Transformer)	80.16	
26 01 20 99-0136		**Dry Secondary Transformer** *(26 01 20 99-0001)*		
26 01 20 99-0137		**Maintenance And Repair, Dry Secondary Transformer** *(26 01 20 99-0136)*		
26 01 20 99-0138	EA	Remove Transformer Terminal (For Maintenance And Repair, Dry Secondary Transformer)	60.09	
26 01 20 99-0139	EA	Install New Transformer Terminal (For Maintenance And Repair, Dry Secondary Transformer)	249.19	
26 01 20 99-0140		**Maintenance And Inspection Dry Secondary Transformer** *(26 01 20 99-0136)*		
26 01 20 99-0141	EA	Inspect Connections And Tighten (For Maintenance And Inspection Dry Secondary Transformer)	120.19	
26 01 20 99-0142		**Replace 15 KVA Transformer** *(26 01 20 99-0136)*		
26 01 20 99-0143	EA	Remove Transformer, Including Support, Wire And Conduit Terminations (For Replace 15 KVA Transformer)	524.01	
26 01 20 99-0144	EA	Install New 240/480 Volt Primary, 120/208 V Secondary Transformer (For Replace 15 KVA Transformer)	3,310.18	
26 01 20 99-0145		**Replace 112.5 KVA Transformer** *(26 01 20 99-0136)*		
26 01 20 99-0146	EA	Remove Transformer, Including Support, Wire And Conduit Terminations (For Replace 112.5 KVA Transformer)	884.81	
26 01 20 99-0147	EA	Install New 240/480 Volt Primary, 120/208 V Secondary Transformer (For Replace 112.5 KVA Transformer)	7,008.01	
26 01 20 99-0148		**Replace 500 KVA Transformer** *(26 01 20 99-0136)*		
26 01 20 99-0149	EA	Remove Transformer, Including Support, Wire And Conduit Terminations (For Replace 500 KVA Transformer)	1,832.74	
26 01 20 99-0150	EA	Install New 240/480 Volt Primary, 120/208 V Secondary Transformer (For Replace 500 KVA Transformer)	24,749.08	
26 01 20 99-0151		**Indoor Lighting Panel** *(26 01 20 99-0001)*		
26 01 20 99-0152		**Maintenance And Inspection, Indoor Lighting Panel** *(26 01 20 99-0151)*		
26 01 20 99-0153	EA	Inspect And Clean Panels (For Maintenance And Inspection, Indoor Lighting Panel)	60.09	
26 01 20 99-0154		**Replace 100 Amp Load Center** *(26 01 20 99-0151)*		
26 01 20 99-0155	EA	Turn Power Off, Later Turn On (For Replace 100 Amp Load Center)	12.02	
26 01 20 99-0156	EA	Remove 3 Wire, 120/240 Volt, Load Center (For Replace 100 Amp Load Center)	369.81	
26 01 20 99-0157	EA	Install New 3 Wire, 120/240 Volt, 100 Amp, Load Center (For Replace 100 Amp Load Center)	1,144.24	
26 01 20 99-0158	EA	Test Circuits (For Replace 100 Amp Load Center)	8.77	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0159		Lighting And Branch Wiring *(26 01 20 99)* Note: Includes all required small tools and equipment.		
26 01 20 99-0160		Wireway *(26 01 20 99-0159)*		
26 01 20 99-0161		Replace 8" x 8" Wireway *(26 01 20 99-0160)*		
26 01 20 99-0162	LF	Remove And Reinstall Supply Box (For Replace 8" x 8" Wireway)	6.01	
26 01 20 99-0163	LF	Remove Wireway, Fittings And Support (For Replace 8" x 8" Wireway)	12.02	
26 01 20 99-0164	LF	Install New Wireway, Fittings And Support (For Replace 8" x 8" Wireway)	82.64	
26 01 20 99-0165		Non-Metallic (NM) Tubing/Sheathed Cable *(26 01 20 99-0159)*		
26 01 20 99-0166		Replace Non-Metallic (NM) Tubing/Sheathed Cable *(26 01 20 99-0165)*		
26 01 20 99-0167	MLF	Shut Off Power, Later Turn On (For Replace Non-Metallic (NM) Tubing/Sheathed Cable)	12.02	
26 01 20 99-0168	MLF	Remove And Reinstall Cover Plate (For Replace Non-Metallic (NM) Tubing/Sheathed Cable)	155.04	
26 01 20 99-0169	MLF	Remove Junction Box (For Replace Non-Metallic (NM) Tubing/Sheathed Cable)	120.19	
26 01 20 99-0170	MLF	Remove Non-Metallic (NM) Tubing, #12, 2 Wire (For Replace Non-Metallic (NM) Tubing/Sheathed Cable)	1,528.76	
26 01 20 99-0171	MLF	Install Non-Metallic (NM) Tubing, #12, 2 Wire (For Replace Non-Metallic (NM) Tubing/Sheathed Cable)	4,476.71	
26 01 20 99-0172	MLF	Install New Staples, For Romex Or BX Cable (For Replace Non-Metallic (NM) Tubing/Sheathed Cable)	484.77	
26 01 20 99-0173	MLF	Install New Cable Connectors For #12, 2 Wire (For Replace Non-Metallic (NM) Tubing/Sheathed Cable)	102.89	
26 01 20 99-0174	MLF	Install New 4" Outlet Box Square For Romex Or BX (For Replace Non-Metallic (NM) Tubing/Sheathed Cable)	574.87	
26 01 20 99-0175		Service Cable *(26 01 20 99-0159)*		
26 01 20 99-0176		Replace Service Cable *(26 01 20 99-0175)*		
26 01 20 99-0177	MLF	Shut Off Power, Later Turn On (For Replace Service Cable)	12.02	
26 01 20 99-0178	MLF	Remove And Reinstall Cover Plate (For Replace Service Cable)	155.04	
26 01 20 99-0179	MLF	Remove Junction Box (For Replace Service Cable)	120.19	
26 01 20 99-0180	MLF	Remove #6 XLPE Wire (For Replace Service Cable)	240.37	
26 01 20 99-0181	MLF	Install New 600 Volt, Copper Type XLPE-USE (For Replace Service Cable)	2,864.66	
26 01 20 99-0182	MLF	Install New Staples For Service Cable (For Replace Service Cable)	608.99	
26 01 20 99-0183	MLF	Install New SER Cable Connectors (For Replace Service Cable)	494.81	
26 01 20 99-0184	MLF	Install New 4" Outlet Box Square (For Replace Service Cable)	513.59	
26 01 20 99-0185		Cable, Armored *(26 01 20 99-0159)*		
26 01 20 99-0186		Replace Armored Cable *(26 01 20 99-0185)*		
26 01 20 99-0187	MLF	Shut Off Power, Later Turn On (For Replace Armored Cable)	12.02	
26 01 20 99-0188	MLF	Remove And Reinstall Cover Plate (For Replace Armored Cable)	155.04	
26 01 20 99-0189	MLF	Remove Junction Box (For Replace Armored Cable)	120.19	
26 01 20 99-0190	MLF	Remove Armored Cable (For Replace Armored Cable)	1,588.85	
26 01 20 99-0191	MLF	Install New #12, 2 Wire, BX (For Replace Armored Cable)	4,636.53	
26 01 20 99-0192	MLF	Install New Staples, For Romex Or BX Cable (For Replace Armored Cable)	484.77	
26 01 20 99-0193	MLF	Install New Cable Connector (For Replace Armored Cable)	250.15	
26 01 20 99-0194	MLF	Install New 4" Outlet Box Square For Romex Or BX (For Replace Armored Cable)	574.87	
26 01 20 99-0195		Branch Wiring With Junction Box *(26 01 20 99-0159)*		
26 01 20 99-0196		Replace Branch Wiring *(26 01 20 99-0195)*		
26 01 20 99-0197	MLF	Shut Off Power, Later Turn On (For Replace Branch Wiring)	12.02	
26 01 20 99-0198	MLF	Remove And Reinstall Cover Plate (For Replace Branch Wiring)	155.04	
26 01 20 99-0199	MLF	Remove Junction Box (For Replace Branch Wiring)	120.19	
26 01 20 99-0200	MLF	Remove #12 Wire (For Replace Branch Wiring)	174.87	
26 01 20 99-0201	MLF	Install New #12 Copper, Stranded, Conductor (For Replace Branch Wiring)	1,420.94	
26 01 20 99-0202	MLF	Install New 4" Outlet Box Square (For Replace Branch Wiring)	513.59	
26 01 20 99-0203	MLF	Install New Wire Connectors (For Replace Branch Wiring)	125.03	
26 01 20 99-0204		600 Volt Branch Wiring *(26 01 20 99-0159)*		
26 01 20 99-0205		Replace 600 Volt Branch Wiring *(26 01 20 99-0204)*		
26 01 20 99-0206	MLF	Shut Off Power, Later Turn On (For Replace 600 Volt Branch Wiring)	12.02	
26 01 20 99-0207	MLF	Remove #12 Wire (For Replace 600 Volt Branch Wiring)	174.87	
26 01 20 99-0208	MLF	Install New #12 Copper, Stranded, Conductor (For Replace 600 Volt Branch Wiring)	1,420.94	
26 01 20 99-0209	MLF	Cut, Form And Align 4 Wires (For Replace 600 Volt Branch Wiring)	49.28	
26 01 20 99-0210	MLF	Splice, Solder, Insulate 2 Wires (For Replace 600 Volt Branch Wiring)	320.53	
26 01 20 99-0211		Circuit Breaker *(26 01 20 99-0159)*		
26 01 20 99-0212		Maintenance And Repair, 480 Volt, 1 Pole Molded Case Circuit Breaker *(26 01 20 99-0211)*		
26 01 20 99-0213	EA	Tighten Connections (For Maintenance And Repair, 480 Volt, 1 Pole Molded Case Circuit Breaker)	106.84	
26 01 20 99-0214		Maintenance And Inspection, 480 Volt, 1 Pole Molded Case Circuit Breaker *(26 01 20 99-0211)*		
26 01 20 99-0215	EA	Inspect, Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 480 Volt, 1 Pole Molded Case Circuit Breaker)	48.07	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0216		**Replace 480 Volt, 1 Pole Molded Case Circuit Breaker** *(26 01 20 99-0211)*		
26 01 20 99-0217	EA	Remove Circuit Breaker (For Replace 480 Volt, 1 Pole Molded Case Circuit Breaker)	41.82	
26 01 20 99-0218	EA	Install New 70 To 100 Amp Circuit Breaker (For Replace 480 Volt, 1 Pole Molded Case Circuit Breaker)	797.48	
26 01 20 99-0219	EA	Cut, Form, Align And Connect Wires (For Replace 480 Volt, 1 Pole Molded Case Circuit Breaker)	18.15	
26 01 20 99-0220	EA	Check Operation Of Breaker (For Replace 480 Volt, 1 Pole Molded Case Circuit Breaker)	2.16	
26 01 20 99-0221		**Maintenance And Repair, 480 Volt, 2 Pole Molded Case Circuit Breaker** *(26 01 20 99-0211)*		
26 01 20 99-0222	EA	Tighten Connections (For Maintenance And Repair, 480 Volt, 2 Pole Molded Case Circuit Breaker)	106.84	
26 01 20 99-0223		**Maintenance And Inspection, 480 Volt, 2 Pole Molded Case Circuit Breaker** *(26 01 20 99-0211)*		
26 01 20 99-0224	EA	Inspect, Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 480 Volt, 2 Pole Molded Case Circuit Breaker)	48.07	
26 01 20 99-0225		**Replace 480 Volt, 2 Pole Molded Case Circuit Breaker** *(26 01 20 99-0211)*		
26 01 20 99-0226	EA	Remove Circuit Breaker (For Replace 480 Volt, 2 Pole Molded Case Circuit Breaker)	60.09	
26 01 20 99-0227	EA	Install New 70 To 100 Amp Circuit Breaker (For Replace 480 Volt, 2 Pole Molded Case Circuit Breaker)	1,119.48	
26 01 20 99-0228	EA	Cut, Form, Align And Connect Wires (For Replace 480 Volt, 2 Pole Molded Case Circuit Breaker)	18.15	
26 01 20 99-0229	EA	Check Operation Of Breaker (For Replace 480 Volt, 2 Pole Molded Case Circuit Breaker)	2.16	
26 01 20 99-0230		**Maintenance And Repair, 480 Volt, 3 Pole Molded Case Circuit Breaker** *(26 01 20 99-0211)*		
26 01 20 99-0231	EA	Tighten Connections (For Maintenance And Repair, 480 Volt, 3 Pole Molded Case Circuit Breaker)	106.84	
26 01 20 99-0232		**Maintenance And Inspection, 480 Volt, 3 Pole Molded Case Circuit Breaker** *(26 01 20 99-0211)*		
26 01 20 99-0233	EA	Inspect And Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 480 Volt, 3 Pole Molded Case Circuit Breaker)	48.07	
26 01 20 99-0234		**Replace 480 Volt, 3 Pole Molded Case Circuit Breaker** *(26 01 20 99-0211)*		
26 01 20 99-0235	EA	Remove Circuit Breaker (For Replace 480 Volt, 3 Pole Molded Case Circuit Breaker)	60.09	
26 01 20 99-0236	EA	Install New 70 To 100 Amp Circuit Breaker (For Replace 480 Volt, 3 Pole Molded Case Circuit Breaker)	1,399.34	
26 01 20 99-0237	EA	Cut, Form, Align And Connect Wires (For Replace 480 Volt, 3 Pole Molded Case Circuit Breaker)	18.15	
26 01 20 99-0238	EA	Check Operation Of Breaker (For Replace 480 Volt, 3 Pole Molded Case Circuit Breaker)	2.16	
26 01 20 99-0239		**Replace 600 Volt, 2 Pole Molded Case Circuit Breaker Trip Switch** *(26 01 20 99-0211)*		
26 01 20 99-0240	EA	Remove Trip Switch (For Replace 600 Volt, 2 Pole Molded Case Circuit Breaker Trip Switch)	60.09	
26 01 20 99-0241	EA	Install New Trip Switch (For Replace 600 Volt, 2 Pole Molded Case Circuit Breaker Trip Switch)	380.76	
26 01 20 99-0242		**Maintenance And Inspection, 600 Volt, 2 Pole Molded Case Circuit Breaker** *(26 01 20 99-0211)*		
26 01 20 99-0243	EA	Inspect And Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 600 Volt, 2 Pole Molded Case Circuit Breaker)	48.07	
26 01 20 99-0244		**Replace 600 Volt, 2 Pole Molded Case Circuit Breaker** *(26 01 20 99-0211)*		
26 01 20 99-0245	EA	Remove Circuit Breaker (For Replace 600 Volt, 2 Pole Molded Case Circuit Breaker)	60.09	
26 01 20 99-0246	EA	Install New 70 To 100 Amp Circuit Breaker (For Replace 600 Volt, 2 Pole Molded Case Circuit Breaker)	1,159.79	
26 01 20 99-0247	EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt, 2 Pole Molded Case Circuit Breaker)	20.43	
26 01 20 99-0248	EA	Check Operation Of Breaker (For Replace 600 Volt, 2 Pole Molded Case Circuit Breaker)	2.16	
26 01 20 99-0249		**Replace 600 Volt, 3 Pole Molded Case Circuit Breaker Trip Switch** *(26 01 20 99-0211)*		
26 01 20 99-0250	EA	Remove Trip Switch (For Replace 600 Volt, 3 Pole Molded Case Circuit Breaker Trip Switch)	60.09	
26 01 20 99-0251	EA	Install New Trip Switch (For Replace 600 Volt, 3 Pole Molded Case Circuit Breaker Trip Switch)	380.76	
26 01 20 99-0252		**Maintenance And Inspection, 600 Volt, 3 Pole Molded Case Circuit Breaker** *(26 01 20 99-0211)*		
26 01 20 99-0253	EA	Inspect And Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 600 Volt, 3 Pole Molded Case Circuit Breaker)	48.07	
26 01 20 99-0254		**Replace 600 Volt, 3 Pole Molded Case Circuit Breaker** *(26 01 20 99-0211)*		
26 01 20 99-0255	EA	Remove Circuit Breaker (For Replace 600 Volt, 3 Pole Molded Case Circuit Breaker)	106.84	
26 01 20 99-0256	EA	Install New 125 To 400 Amp Circuit Breaker (For Replace 600 Volt, 3 Pole Molded Case Circuit Breaker)	4,801.93	
26 01 20 99-0257	EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt, 3 Pole Molded Case Circuit Breaker)	20.43	
26 01 20 99-0258	EA	Check Operation Of Breaker (For Replace 600 Volt, 3 Pole Molded Case Circuit Breaker)	2.16	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0259		Maintenance And Repair, 240 Volt, 1 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0260	EA	Tighten Connections (For Maintenance And Repair, 240 Volt, 1 Pole Enclosed Circuit Breaker)	106.84	
26 01 20 99-0261		Maintenance And Inspection, 240 Volt, 1 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0262	EA	Inspect And Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 240 Volt, 1 Pole Enclosed Circuit Breaker)	48.07	
26 01 20 99-0263		Replace 240 Volt, 1 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0264	EA	Remove Circuit Breaker (For Replace 240 Volt, 1 Pole Circuit Breaker Enclosed)	60.09	
26 01 20 99-0265	EA	Install New 240 Volt, 1 Pole, 15 To 60 Amp, Circuit Breaker Enclosed (For Replace 240 Volt, 1 Pole Circuit Breaker Enclosed)	511.99	
26 01 20 99-0266	EA	Cut, Form, Align And Connect Wires (For Replace 240 Volt, 1 Pole Circuit Breaker Enclosed)	18.15	
26 01 20 99-0267	EA	Check Operation Of Breaker (For Replace 240 Volt, 1 Pole Circuit Breaker Enclosed)	2.16	
26 01 20 99-0268		Maintenance And Repair, 240 Volt, 2 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0269	EA	Tighten Connections (For Maintenance And Repair, 240 Volt, 2 Pole Circuit Breaker Enclosed)	106.84	
26 01 20 99-0270		Maintenance And Inspection, 240 Volt, 2 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0271	EA	Inspect And Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 240 Volt, 2 Pole Circuit Breaker Enclosed)	48.07	
26 01 20 99-0272		Replace 240 Volt, 2 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0273	EA	Remove Circuit Breaker (For Replace 240 Volt, 2 Pole Circuit Breaker Enclosed)	60.09	
26 01 20 99-0274	EA	Install New Circuit Breaker Enclosed, 240 Volt, 15 To 60 Amp, 2 Pole (For Replace 240 Volt, 2 Pole Circuit Breaker Enclosed)	850.19	
26 01 20 99-0275	EA	Cut, Form, Align And Connect Wires (For Replace 240 Volt, 2 Pole Circuit Breaker Enclosed)	18.15	
26 01 20 99-0276	EA	Check Operation Of Breaker (For Replace 240 Volt, 2 Pole Circuit Breaker Enclosed)	2.16	
26 01 20 99-0277		Maintenance And Repair, 240 Volt, 3 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0278	EA	Tighten Connections (For Maintenance And Repair, 240 Volt, 3 Pole Circuit Breaker Enclosed)	106.84	
26 01 20 99-0279		Maintenance And Inspection, 240 Volt, 3 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0280	EA	Inspect And Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 240 Volt, 3 Pole Circuit Breaker Enclosed)	48.07	
26 01 20 99-0281		Replace 240 Volt, 3 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0282	EA	Remove Circuit Breaker (For Replace 240 Volt, 3 Pole Circuit Breaker Enclosed)	60.09	
26 01 20 99-0283	EA	Install New Circuit Breaker Enclosed, 240 Volt, 15 To 60 Amp, 3 Pole (For Replace 240 Volt, 3 Pole Circuit Breaker Enclosed)	905.14	
26 01 20 99-0284	EA	Cut, Form, Align And Connect Wires (For Replace 240 Volt, 3 Pole Circuit Breaker Enclosed)	18.15	
26 01 20 99-0285	EA	Check Operation Of Breaker (For Replace 240 Volt, 3 Pole Circuit Breaker Enclosed)	2.16	
26 01 20 99-0286		Repair Failed 600 Volt, 2 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0287	EA	Repair Circuit Breaker Component (For Repair Failed 600 Volt, 2 Pole Circuit Breaker Enclosed)	820.96	
26 01 20 99-0288		Maintenance And Inspection, 600 Volt, 2 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0289	EA	Inspect And Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 600 Volt, 2 Pole Circuit Breaker Enclosed)	48.07	
26 01 20 99-0290		Replace 600 Volt, 2 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0291	EA	Remove Circuit Breaker, 600 Volt, 100 Amp, 2 Pole (For Replace 600 Volt, 2 Pole Circuit Breaker Enclosed)	96.15	
26 01 20 99-0292	EA	Install New Circuit Breaker Enclosed, 600 Volt, 100 Amp, 2 Pole (For Replace 600 Volt, 2 Pole Circuit Breaker Enclosed)	1,352.08	
26 01 20 99-0293	EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt, 2 Pole Circuit Breaker Enclosed)	20.43	
26 01 20 99-0294	EA	Check Operation Of Breaker (For Replace 600 Volt, 2 Pole Circuit Breaker Enclosed)	2.16	
26 01 20 99-0295		Repair Failed 600 Volt, 3 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0296	EA	Repair Circuit Breaker Component (For Replace 600 Volt, 3 Pole Circuit Breaker Enclosed)	1,175.00	
26 01 20 99-0297		Maintenance And Inspection, 600 Volt, 3 Pole Circuit Breaker Enclosed *(26 01 20 99-0211)*		
26 01 20 99-0298	EA	Inspect And Tighten Circuit Breaker Wiring (For Maintenance And Inspection, 600 Volt, 3 Pole Circuit Breaker Enclosed)	48.07	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0299		**Replace 600 Volt, 3 Pole 100 Amp Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0300	EA	Remove Circuit Breaker (For Replace 600 Volt, 3 Pole 100 Amp Circuit Breaker Enclosed)	106.84	
26 01 20 99-0301	EA	Install New Circuit Breaker Enclosed, 600 Volt, 100 Amp, 3 Pole (For Replace 600 Volt, 3 Pole 100 Amp Circuit Breaker Enclosed)	1,073.07	
26 01 20 99-0302	EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt, 3 Pole 100 Amp Circuit Breaker Enclosed)	20.43	
26 01 20 99-0303	EA	Check Operation Of Breaker (For Replace 600 Volt, 3 Pole 100 Amp Circuit Breaker Enclosed)	2.16	
26 01 20 99-0304		**Replace 600 Volt, 3 Pole 800 Amp, Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0305	EA	Remove Circuit Breaker (For Replace 600 Volt, 3 Pole 800 Amp, Circuit Breaker Enclosed)	534.10	
26 01 20 99-0306	EA	Install New Circuit Breaker Enclosed, 600 Volt, 800 Amp, 3 Pole (For Replace 600 Volt, 3 Pole 800 Amp, Circuit Breaker Enclosed)	10,813.53	
26 01 20 99-0307	EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt, 3 Pole 800 Amp, Circuit Breaker Enclosed)	40.86	
26 01 20 99-0308	EA	Check Operation Of Breaker (For Replace 600 Volt, 3 Pole 800 Amp, Circuit Breaker Enclosed)	4.45	
26 01 20 99-0309		**Replace 600 Volt, 3 Pole 1000 Amp Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0310	EA	Remove Circuit Breaker (For Replace 600 Volt, 3 Pole 1,000 Amp Circuit Breaker Enclosed)	620.28	
26 01 20 99-0311	EA	Install New Circuit Breaker Enclosed, 600 Volt, 1,000 Amp, 3 Pole (For Replace 600 Volt, 3 Pole 1,000 Amp Circuit Breaker Enclosed)	19,119.55	
26 01 20 99-0312	EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt, 3 Pole 1,000 Amp Circuit Breaker Enclosed)	62.02	
26 01 20 99-0313	EA	Check Operation Of Breaker (For Replace 600 Volt, 3 Pole 1,000 Amp Circuit Breaker Enclosed)	6.61	
26 01 20 99-0314		**Replace 600 Volt, 3 Pole 1600 Amp Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0315	EA	Remove Circuit Breaker (For Replace 600 Volt, 3 Pole 1,600 Amp Circuit Breaker Enclosed)	686.74	
26 01 20 99-0316	EA	Install New Circuit Breaker Enclosed, 600 Volt, 1,600 Amp, 3 Pole (For Replace 600 Volt, 3 Pole 1,600 Amp Circuit Breaker Enclosed)	22,423.64	
26 01 20 99-0317	EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt, 3 Pole 1,600 Amp Circuit Breaker Enclosed)	81.85	
26 01 20 99-0318	EA	Check Operation Of Breaker (For Replace 600 Volt, 3 Pole 1,600 Amp Circuit Breaker Enclosed)	8.77	
26 01 20 99-0319		**Replace 600 Volt, 3 Pole 2000 Amp Circuit Breaker Enclosed** *(26 01 20 99-0211)*		
26 01 20 99-0320	EA	Remove Circuit Breaker (For Replace 600 Volt, 3 Pole 2,000 Amp Circuit Breaker Enclosed)	769.19	
26 01 20 99-0321	EA	Install New Circuit Breaker Enclosed, 600 Volt, 2,000 Amp, 3 Pole (For Replace 600 Volt, 3 Pole 2,000 Amp Circuit Breaker Enclosed)	28,300.41	
26 01 20 99-0322	EA	Cut, Form, Align And Connect Wires (For Replace 600 Volt, 3 Pole 2,000 Amp Circuit Breaker Enclosed)	170.42	
26 01 20 99-0323	EA	Check Operation Of Breaker (For Replace 600 Volt, 3 Pole 2,000 Amp Circuit Breaker Enclosed)	18.39	
26 01 20 99-0324		**Safety Switch, Heavy Duty** *(26 01 20 99-0159)*		
26 01 20 99-0325		**Maintenance And Repair, 3 Pole Heavy Duty Safety Switch** *(26 01 20 99-0324)*		
26 01 20 99-0326	EA	Resecure Lugs (For Maintenance And Repair, 3 Pole Heavy Duty Safety Switch)	60.09	
26 01 20 99-0327		**Maintenance And Inspection, 3 Pole Safety Switch** *(26 01 20 99-0324)*		
26 01 20 99-0328	EA	Inspect And Clean Safety Switch (For Maintenance And Inspection, 3 Pole Safety Switch)	60.09	
26 01 20 99-0329		**Replace 30 Amp Heavy Duty Safety Switch** *(26 01 20 99-0324)*		
26 01 20 99-0330	EA	Remove Safety Switch (For Replace 30 Amp Heavy Duty Safety Switch)	78.12	
26 01 20 99-0331	EA	Install New Fused Safety Switch, Heavy Duty, 600 Volt, 3 Pole, 30 Amp (For Replace 30 Amp Heavy Duty Safety Switch)	532.25	
26 01 20 99-0332	EA	Install New Fuses (For Replace 30 Amp Heavy Duty Safety Switch)	203.63	
26 01 20 99-0333	EA	Check Operation Of Switch (For Replace 30 Amp Heavy Duty Safety Switch)	2.16	
26 01 20 99-0334		**Replace 100 Amp Heavy Duty Safety Switch** *(26 01 20 99-0324)*		
26 01 20 99-0335	EA	Remove Safety Switch (For Replace 100 Amp Heavy Duty Safety Switch)	131.72	
26 01 20 99-0336	EA	Install New Fused Safety Switch, Heavy Duty, 600 Volt, 3 Pole, 100 Amp (For Replace 100 Amp Heavy Duty Safety Switch)	959.61	
26 01 20 99-0337	EA	Install New Fuses (For Replace 100 Amp Heavy Duty Safety Switch)	341.68	
26 01 20 99-0338	EA	Check Operation Of Switch (For Replace 100 Amp Heavy Duty Safety Switch)	2.16	
26 01 20 99-0339		**Replace 200 Amp Heavy Duty Safety Switch** *(26 01 20 99-0324)*		
26 01 20 99-0340	EA	Remove Safety Switch (For Replace 200 Amp Heavy Duty Safety Switch)	192.30	
26 01 20 99-0341	EA	Install New Fused Safety Switch, Heavy Duty, 600 Volt, 3 Pole, 200 Amp (For Replace 200 Amp Heavy Duty Safety Switch)	1,465.24	
26 01 20 99-0342	EA	Install New Fuses (For Replace 200 Amp Heavy Duty Safety Switch)	604.08	
26 01 20 99-0343	EA	Check Operation Of Switch (For Replace 200 Amp Heavy Duty Safety Switch)	2.16	
26 01 20 99-0344		**Replace 400 Amp Heavy Duty Safety Switch** *(26 01 20 99-0324)*		
26 01 20 99-0345	EA	Remove Safety Switch (For Replace 400 Amp Heavy Duty Safety Switch)	282.80	
26 01 20 99-0346	EA	Install New Fused Safety Switch, Heavy Duty, 600 Volt, 3 Pole, 400 Amp (For Replace 400 Amp Heavy Duty Safety Switch)	2,731.20	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0347	EA	Install New Fuses (For Replace 400 Amp Heavy Duty Safety Switch)	1,238.85	
26 01 20 99-0348	EA	Check Operation Of Switch (For Replace 400 Amp Heavy Duty Safety Switch)	4.45	
26 01 20 99-0349		**Replace 600 Amp Heavy Duty Safety Switch** *(26 01 20 99-0324)*		
26 01 20 99-0350	EA	Remove Safety Switch (For Replace 600 Amp Heavy Duty Safety Switch)	418.00	
26 01 20 99-0351	EA	Install New Fused Safety Switch, Heavy Duty, 600 Volt, 3 Pole, 600 Amp (For Replace 600 Amp Heavy Duty Safety Switch)	4,928.17	
26 01 20 99-0352	EA	Install New Fuses (For Replace 600 Amp Heavy Duty Safety Switch)	1,550.10	
26 01 20 99-0353	EA	Check Operation Of Switch (For Replace 600 Amp Heavy Duty Safety Switch)	4.45	
26 01 20 99-0354		**Safety Switch, General Duty** *(26 01 20 99-0159)*		
26 01 20 99-0355		**Maintenance And Repair, 2 Pole General Safety Switch** *(26 01 20 99-0354)*		
26 01 20 99-0356	EA	Resecure Lugs (For Maintenance And Repair, 2 Pole General Safety Switch)	60.09	
26 01 20 99-0357		**Maintenance And Inspection, 2 Pole Safety Switch** *(26 01 20 99-0354)*		
26 01 20 99-0358	EA	Inspect And Clean Safety Switch (For Maintenance And Inspection, 2 Pole Safety Switch)	60.09	
26 01 20 99-0359		**Replace 240 Volt, 2 Pole Safety Switch** *(26 01 20 99-0354)*		
26 01 20 99-0360	EA	Remove Safety Switch (For Replace 240 Volt, 2 Pole Safety Switch)	78.12	
26 01 20 99-0361	EA	Install New Fused Safety Switch, General Duty, 240 Volt, 2 Pole, 30 Amp (For Replace 240 Volt, 2 Pole Safety Switch)	382.13	
26 01 20 99-0362	EA	Install New Fuse, Dual Element, Time Delay, 250 Volt, 30 Amp (For Replace 240 Volt, 2 Pole Safety Switch)	64.56	
26 01 20 99-0363	EA	Cut, Form, Align And Connect Wires (For Replace 240 Volt, 2 Pole Safety Switch)	18.15	
26 01 20 99-0364	EA	Check Operation Of Switch (For Replace 240 Volt, 2 Pole Safety Switch)	2.16	
26 01 20 99-0365		**Maintenance And Repair, 3 Pole General Safety Switch** *(26 01 20 99-0354)*		
26 01 20 99-0366	EA	Resecure Lugs (For Maintenance And Repair, 3 Pole General Safety Switch)	60.09	
26 01 20 99-0367		**Maintenance And Inspection, 3 Pole Safety Switch** *(26 01 20 99-0354)*		
26 01 20 99-0368	EA	Inspect And Clean Safety Switch (For Maintenance And Inspection, 3 Pole Safety Switch)	60.09	
26 01 20 99-0369		**Replace 240 Volt, 3 Pole Safety Switch** *(26 01 20 99-0354)*		
26 01 20 99-0370	EA	Remove Safety Switch (For Replace 240 Volt, 3 Pole Safety Switch)	78.12	
26 01 20 99-0371	EA	Install New Fused Safety Switch, General Duty, 240 Volt, 3 Pole, 30 Amp (For Replace 240 Volt, 3 Pole Safety Switch)	440.54	
26 01 20 99-0372	EA	Install New Fuse, Dual Element, Time Delay, 250 Volt, 30 Amp (For Replace 240 Volt, 3 Pole Safety Switch)	96.84	
26 01 20 99-0373	EA	Cut, Form, Align And Connect Wires (For Replace 240 Volt, 3 Pole Safety Switch)	18.15	
26 01 20 99-0374	EA	Check Operation Of Switch (For Replace 240 Volt, 3 Pole Safety Switch)	2.16	
26 01 20 99-0375		**Replace Low Voltage Cartridge** *(26 01 20 99-0354)*		
26 01 20 99-0376	EA	Remove Cartridge Fuse Cutouts (For Replace Low Voltage Cartridge)	12.02	
26 01 20 99-0377	EA	Install New Cartridge Fuse Cutouts 3 Pole (For Replace Low Voltage Cartridge)	59.20	
26 01 20 99-0378		**Replace Plug Fuse** *(26 01 20 99-0354)*		
26 01 20 99-0379	EA	Remove Plug Fuse (For Replace Plug Fuse)	9.61	
26 01 20 99-0380	EA	Install New Plug Fuse, 120 Volt, 15 To 30 Amp (For Replace Plug Fuse)	24.32	
26 01 20 99-0381		**Receptacles And Plugs** *(26 01 20 99-0159)*		
26 01 20 99-0382		**Maintenance And Repair, Receptacles And Plugs** *(26 01 20 99-0381)*		
26 01 20 99-0383	EA	Repair Receptacle Component (Cover) (For Maintenance And Repair, Receptacles And Plugs)	61.77	
26 01 20 99-0384		**Replace Receptacle/Plug, Receptacles And Plugs** *(26 01 20 99-0381)*		
26 01 20 99-0385	EA	Turn Power Off, Later Turn On (For Replace Receptacle/Plug, Receptacles And Plugs)	12.02	
26 01 20 99-0386	EA	Remove And Reinstall Cover Plates (For Replace Receptacle/Plug, Receptacles And Plugs)	20.43	
26 01 20 99-0387	EA	Remove Receptacle (For Replace Receptacle/Plug, Receptacles And Plugs)	4.81	
26 01 20 99-0388	EA	Install New Receptacle (For Replace Receptacle/Plug, Receptacles And Plugs)	58.81	
26 01 20 99-0389	EA	Cut, Form, Align And Connect Wires (For Replace Receptacle/Plug, Receptacles And Plugs)	3.12	
26 01 20 99-0390	EA	Test For Operation, Receptacle (For Replace Receptacle/Plug, Receptacles And Plugs)	1.80	
26 01 20 99-0391		**4-Pin Receptacle** *(26 01 20 99-0159)*		
26 01 20 99-0392		**Repair 4-Pin Receptacle Cover** *(26 01 20 99-0391)*		
26 01 20 99-0393	EA	Repair Receptacle(Cover) (For Repair 4-Pin Receptacle Cover)	82.33	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0394		**Replace 4-Pin Receptacle** *(26 01 20 99-0391)*		
26 01 20 99-0395	EA	Remove 4-Pin Receptacle (For Replace 4-Pin Receptacle)	24.04	
26 01 20 99-0396	EA	Install New 4-Pin Locking Receptacle (For Replace 4-Pin Receptacle)	159.07	
26 01 20 99-0397		**Contactors And Relays** *(26 01 20 99-0159)*		
26 01 20 99-0398		**Maintenance And Repair, Contactors And Relays** *(26 01 20 99-0397)*		
26 01 20 99-0399	EA	Remove Contactor Coil (For Maintenance And Repair, Contactors And Relays)	72.35	
26 01 20 99-0400	EA	Install New Contactor Coil (For Maintenance And Repair, Contactors And Relays)	280.68	
26 01 20 99-0401		**Maintenance And Inspection, Contactors And Relays** *(26 01 20 99-0397)*		
26 01 20 99-0402	EA	Inspect And Clean Contacts (For Maintenance And Inspection, Contactors And Relays)	30.05	
26 01 20 99-0403		**Replace Contactor, Contactors And Relays** *(26 01 20 99-0397)*		
26 01 20 99-0404	EA	Remove Magnetic Contactor (For Replace Contactor, Contactors And Relays)	96.15	
26 01 20 99-0405	EA	Install New Magnetic Contactor 600 Volt, 3 P, 25 HP (For Replace Contactor, Contactors And Relays)	955.44	
26 01 20 99-0406	EA	Cut, Form, Align And Connect Wires (For Replace Contactor, Contactors And Relays)	18.15	
26 01 20 99-0407	EA	Check Operation Of Contactor (For Replace Contactor, Contactors And Relays)	2.16	
26 01 20 99-0408		**Wiring Devices, Switches** *(26 01 20 99-0159)*		
26 01 20 99-0409		**Maintenance And Repair, Wiring Devices, Switches** *(26 01 20 99-0408)*		
26 01 20 99-0410	EA	Repair Switch Component (Cover) (For Maintenance And Repair, Wiring Devices, Switches)	61.77	
26 01 20 99-0411		**Replace Switch, Wiring Devices, Switches** *(26 01 20 99-0408)*		
26 01 20 99-0412	EA	Turn Power Off, Later Turn On (For Replace Switch, Wiring Devices, Switches)	12.02	
26 01 20 99-0413	EA	Remove And Reinstall Cover Plates (For Replace Switch, Wiring Devices, Switches)	20.43	
26 01 20 99-0414	EA	Remove Switch (For Replace Switch, Wiring Devices, Switches)	4.81	
26 01 20 99-0415	EA	Install New Switch (For Replace Switch, Wiring Devices, Switches)	50.48	
26 01 20 99-0416	EA	Cut, Form, Align And Connect Wires (For Replace Switch, Wiring Devices, Switches)	3.12	
26 01 20 99-0417	EA	Test For Operation (For Replace Switch, Wiring Devices, Switches)	1.80	
26 01 20 99-0418		**Light Dimming Panel** *(26 01 20 99-0159)*		
26 01 20 99-0419		**Minor Repairs To Light Dimming Panel** *(26 01 20 99-0418)*		
26 01 20 99-0420	EA	Check And Test Components (For Minor Repairs To Light Dimming Panel)	48.07	
26 01 20 99-0421	EA	Remove Dimming Panel Component (For Minor Repairs To Light Dimming Panel)	26.68	
26 01 20 99-0422	EA	Install New Dimming Panel Component (For Minor Repairs To Light Dimming Panel)	174.89	
26 01 20 99-0423		**Maintenance And Inspection, Light Dimming Panel** *(26 01 20 99-0418)*		
26 01 20 99-0424	EA	Check Light Dimming Panel (For Maintenance And Inspection, Light Dimming Panel)	64.06	
26 01 20 99-0425		**Replace Light Dimming Panel** *(26 01 20 99-0418)*		
26 01 20 99-0426	EA	Turn Power Off, Later Turn On (For Replace Light Dimming Panel)	12.02	
26 01 20 99-0427	EA	Remove Dimming Panel (For Replace Light Dimming Panel)	192.30	
26 01 20 99-0428	EA	Install New Dimming Panel (For Replace Light Dimming Panel)	1,949.12	
26 01 20 99-0429	EA	Test Circuits (For Replace Light Dimming Panel)	8.77	
26 01 20 99-0430		**Switch, Pull Cord** *(26 01 20 99-0159)*		
26 01 20 99-0431		**Maintenance And Repair, Switch, Pull Cord** *(26 01 20 99-0430)*		
26 01 20 99-0432	EA	Repair Switch Component (Cover) (For Maintenance And Repair, Switch, Pull Cord)	61.94	
26 01 20 99-0433		**Replace Switch, Switch, Pull Cord** *(26 01 20 99-0430)*		
26 01 20 99-0434	EA	Turn Power Off, Later Turn On (For Replace Switch, Switch, Pull Cord)	12.02	
26 01 20 99-0435	EA	Remove And Reinstall Cover Plates (For Replace Switch, Switch, Pull Cord)	20.43	
26 01 20 99-0436	EA	Remove Switch (For Replace Switch, Switch, Pull Cord)	4.81	
26 01 20 99-0437	EA	Install New Pull Cord Switch (For Replace Switch, Switch, Pull Cord)	58.86	
26 01 20 99-0438	EA	Cut, Form, Align And Connect Wires (For Replace Switch, Switch, Pull Cord)	3.12	
26 01 20 99-0439	EA	Test For Operation (For Replace Switch, Switch, Pull Cord)	1.80	
26 01 20 99-0440		**EMT Conduit** *(26 01 20 99-0159)*		
26 01 20 99-0441		**Replace 1" EMT Conduit** *(26 01 20 99-0440)*		
26 01 20 99-0442	MLF	Remove And Reinstall Cover Plate (For Replace 1" EMT Conduit)	155.04	
26 01 20 99-0443	MLF	Remove Conduit With Fittings And Hangers (For Replace 1" EMT Conduit)	2,439.76	
26 01 20 99-0444	MLF	Remove Junction Box (For Replace 1" EMT Conduit)	120.19	
26 01 20 99-0445	MLF	Install New 1" EMT With Couplings (For Replace 1" EMT Conduit)	7,442.01	
26 01 20 99-0446	MLF	Install New Outlet Box Square (For Replace 1" EMT Conduit)	513.59	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 20 99-0447	MLF	Install New Box Connector (For Replace 1" EMT Conduit)	146.04	
26 01 20 99-0448	MLF	Install New Beam Clamp (For Replace 1" EMT Conduit)	1,222.74	
26 01 20 99-0449	MLF	Install New Conduit Hanger (For Replace 1" EMT Conduit)	1,981.04	

26 01 20 99-0450 Electrical Service & Distribution Preventative Maintenance *(26 01 20 99)*

Note: Includes all required small tools and equipment.

26 01 20 99-0451 Electrical Switchboard Preventative Maintenance *(26 01 20 99-0450)*

26 01 20 99-0452	EA	Annual Preventative Maintenance For Electrical Switchboard Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check Indicating Lamps For Proper Operation, If Appropriate; Replace Burned Out Lamps. 3. Remove And Reinstall Cover. 4. Check For Discolorations, Hot Spots, Odors And Charred Insulation. 5. Clean Switchboard Exterior And Surrounding Area. 6. Fill Out Maintenance Checklist And Report Deficiencies.	88.21	

26 01 20 99-0453 Switchboard With Air Circuit Breaker Preventative Maintenance *(26 01 20 99-0450)*

26 01 20 99-0454	EA	Annual Preventative Maintenance For Switchboard With Air Circuit Breaker Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check Indicating Lamps For Proper Operation, If Appropriate; Replace Burned Out Lamps. 3. Remove Switchboard From Service, Coordinate With Appropriate Authority. 4. Remove And Reinstall Cover. 5. Check For Discolorations, Hot Spots, Odors And Charred Insulation. 6. Check The Records On The Circuit Breaker For Any Full Current Rated Trips Which May Indicate A Potential Problem. 7. Examine The Exterior Of The Switchboard For Any Damage Or Moisture. 8. Check Operation Of Circuit Breaker Tripping Mechanism And Relays. 9. Check The Operation Of The Circuit Breaker Charging Motor. 10. Check Hardware For Tightness. 11. Check Interlock For Proper Operation. 12. Check That The Charger Is Operating Properly. 13. Check For Any Signs Of Corrosion On The Battery Terminals Or Wires. 14. Check The Electrolyte Level In The Batteries; Add As Required. 15. Check The Specific Gravity Of The Electrolyte In A 10% Sample Of The Batteries. 16. Check 25% Of Terminal-To-Cell Connection Resistance; Rehabilitate Connections As Required. 17. Apply Anti-Corrosion Grease To Battery Terminals And Connections. 18. Measure And Record Individual Cell And String Float Voltages. 19. Place Switchboard Back In Service, Notify Appropriate Authority. 20. Clean Switchboard, Charger And The Surrounding Area. 21. Fill Out Maintenance Checklist And Report Deficiencies.	563.21	

26 01 20 99-0455 Switchboard With Air Circuit Breaker And Tie Switch Preventative Maintenance *(26 01 20 99-0450)*

26 01 20 99-0456	EA	Annual Preventative Maintenance For Switchboard With Air Circuit Breaker And Tie Switch Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check Indicating Lamps For Proper Operation, If Appropriate; Replace Burned Out Lamps. 3. Remove Switchboard From Service, Coordinate With Appropriate Authority. 4. Remove And Reinstall Cover. 5. Check For Discolorations, Hot Spots, Odors And Charred Insulation. 6. Check The Records On The Circuit Breaker For Any Full Current Rated Trips Which May Indicate A Potential Problem. 7. Examine The Exterior Of The Switchboard For Any Damage Or Moisture. 8. Check Operation Of Circuit Breaker Tripping Mechanism And Relays. 9. Check The Operation Of The Circuit Breaker Charging Motor. 10. Check Hardware For Tightness. 11. Check Interlock For Proper Operation. 12. Operate The Switching Handle And Check The Locking Mechanism. 13. Check That The Charger Is Operating Properly. 14. Check For Any Signs Of Corrosion On The Battery Terminals Or Wires. 15. Check The Electrolyte Level In The Batteries; Add As Required. 16. Check The Specific Gravity Of The Electrolyte In A 10% Sample Of The Batteries. 17. Check 25% Of Terminal-To-Cell Connection Resistance; Rehabilitate Connections As Required. 18. Apply Anti-Corrosion Grease To Battery Terminals And Connections. 19. Measure And Record Individual Cell And String Float Voltages. 20. Place Switchboard Back In Service, Notify Appropriate Authority. 21. Clean Switchboard, Charger And The Surrounding Area. 22. Fill Out Maintenance Checklist And Report Deficiencies.	571.98	

26 01 20 99-0457 225 Amps And Above, Panel Board Preventative Maintenance *(26 01 20 99-0450)*

26 01 20 99-0458	EA	Annual Preventative Maintenance For 225 Amperes And Above, Panel Board Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check For Excessive Heat, Odors, Noise And Vibration. 3. Check General Condition Of Panel; Replace Lamps As Required. 4. Clean Panel. 5. Fill Out Maintenance Checklist And Report Deficiencies.	78.98	

26 01 20 99-0459 400 Amps And Above, Motor Control Center Preventative Maintenance *(26 01 20 99-0450)*

26 01 20 99-0460	EA	Annual Preventative Maintenance For 400 Amps And Above, Motor Control Center Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check Starter Lights; Install New Lights If Required. 3. Check For Excessive Heat, Odors, Noise And Vibration. 4. Check Motor Control Center Exterior And Surrounding Area. 5. Fill Out Maintenance Checklist And Report Deficiencies.	78.42	

26 01 26 Maintenance Testing of Electrical Systems *(26 01)*

26 01 26 00-0001 TTR Maintenance Testing Or Meggar Maintenance Testing of Transformers *(26 01 26)*

Note: Includes all required small tools and equipment. Use other MRO tasks required to remove equipment cover.

26 01 26 00-0002 TTR Maintenance Testing Or Meggar Maintenance Testing of Transformers, Not Connected *(26 01 26 00-0001)*

26 01 26 00-0003	EA	TTR Or Megger Maintenance Testing Of Up To 15 KVA, Single Phase Transformer, Not Connected	30.24	
26 01 26 00-0004	EA	TTR Or Megger Maintenance Testing Of >15 To 50 KVA, Single Phase Transformer, Not Connected	50.40	
26 01 26 00-0005	EA	TTR Or Megger Maintenance Testing Of 75 KVA, Single Phase Transformer, Not Connected	70.56	
26 01 26 00-0006	EA	TTR Or Megger Maintenance Testing Of 100 KVA, Single Phase Transformer, Not Connected	90.71	
26 01 26 00-0007	EA	TTR Or Megger Maintenance Testing Of 150 KVA, Single Phase Transformer, Not Connected	110.88	
26 01 26 00-0008	EA	TTR Or Megger Maintenance Testing Of 167 KVA, Single Phase Transformer, Not Connected	131.03	
26 01 26 00-0009	EA	TTR Or Megger Maintenance Testing Of 200 KVA, Single Phase Transformer, Not Connected	141.11	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 26 00-0010	EA	TTR Or Megger Maintenance Testing Of 250 KVA, Single Phase Transformer, Not Connected	151.19	
26 01 26 00-0011	EA	TTR Or Megger Maintenance Testing Of Up To 15 KVA, Three Phase Transformer, Not Connected	50.40	
26 01 26 00-0012	EA	TTR Or Megger Maintenance Testing Of >15 To 45 KVA, Three Phase Transformer, Not Connected	70.56	
26 01 26 00-0013	EA	TTR Or Megger Maintenance Testing Of 75 KVA, Three Phase Transformer, Not Connected	90.71	
26 01 26 00-0014	EA	TTR Or Megger Maintenance Testing Of 112.5 KVA, Three Phase Transformer, Not Connected	100.79	
26 01 26 00-0015	EA	TTR Or Megger Maintenance Testing Of 150 KVA, Three Phase Transformer, Not Connected	141.11	
26 01 26 00-0016	EA	TTR Or Megger Maintenance Testing Of 225 KVA, Three Phase Transformer, Not Connected	161.27	
26 01 26 00-0017	EA	TTR Or Megger Testing Of 300 KVA, Three Phase Transformer, Not Connected	181.43	
26 01 26 00-0018		TTR Maintenance Testing Or Meggar Maintenance Testing of Transformers, Connected *(26 01 26 00-0001)*		
26 01 26 00-0019	EA	TTR Or Megger Maintenance Testing Of Up To 15 KVA, Single Phase Transformer, Connected	50.40	
26 01 26 00-0020	EA	TTR Or Megger Maintenance Testing Of >15 To 50 KVA, Single Phase Transformer, Connected	70.56	
26 01 26 00-0021	EA	TTR Or Megger Maintenance Testing Of 75 KVA, Single Phase Transformer, Connected	80.64	
26 01 26 00-0022	EA	TTR Or Megger Maintenance Testing Of 100 KVA, Single Phase Transformer, Connected	100.79	
26 01 26 00-0023	EA	TTR Or Megger Maintenance Testing Of 150 KVA, Single Phase Transformer, Connected	141.11	
26 01 26 00-0024	EA	TTR Or Megger Maintenance Testing Of 167 KVA, Single Phase Transformer, Connected	171.35	
26 01 26 00-0025	EA	TTR Or Megger Maintenance Testing Of 200 KVA, Single Phase Transformer, Connected	181.43	
26 01 26 00-0026	EA	TTR Or Megger Maintenance Testing Of 250 KVA, Single Phase Transformer, Connected	191.50	
26 01 26 00-0027	EA	TTR Or Megger Maintenance Testing Of Up To 15 KVA, Three Phase Transformer, Connected	70.56	
26 01 26 00-0028	EA	TTR Or Megger Maintenance Testing Of >15 To 45 KVA, Three Phase Transformer, Connected	90.71	
26 01 26 00-0029	EA	TTR Or Megger Maintenance Testing Of 75 KVA, Three Phase Transformer, Connected	120.96	
26 01 26 00-0030	EA	TTR Or Megger Maintenance Testing Of 112.5 KVA, Three Phase Transformer, Connected	161.27	
26 01 26 00-0031	EA	TTR Or Megger Maintenance Testing Of 150 KVA, Three Phase Transformer, Connected	181.43	
26 01 26 00-0032	EA	TTR Or Megger Maintenance Testing Of 225 KVA, Three Phase Transformer, Connected	211.67	
26 01 26 00-0033	EA	TTR Or Megger Testing Of 300 KVA, Three Phase Transformer, Connected	272.14	

26 01 30 Operation and Maintenance of Facility Electrical Power Generating and Storing Equipment *(26 01)*

26 01 30 91 Facility Electrical Power Generating and Storing Equipment Restoration *(26 01 30)*

26 01 30 91-0001 Emergency Generator Permits *(26 01 30 91)*

26 01 30 91-0002 Air Pollution Control Board *(26 01 30 91-0001)*

26 01 30 91-0003	EA	APCD Permit To Construct And Operate Emergency Generator	4,691.47

26 01 30 99 Facility Electrical Power Generating and Storing Equipment, Facilities Maintenance and Repair *(26 01 30)*

Note: The Maintenance & Repair section is a listing of common maintenance tasks performed at facilities. Under the System Description column, each task, including its components, is described. Labor-hours have been enhanced, where appropriate, to include setup and delay time. In some cases, the list of steps comprising the task includes most of the potential repairs that could be made on a system. For those tasks, individual items, as appropriate, can be selected from the allencompassing list.

26 01 30 99-0001 175 KW Gasoline Generator *(26 01 30 99)*

Note: Includes all required small tools and equipment.

26 01 30 99-0002 175 KW, Gasoline Generator, Maintenance And Inspection *(26 01 30 99-0001)*

26 01 30 99-0003	EA	Run Test Gasoline Generator (For 175 KW, Gasoline Generator, Maintenance And Inspection)	96.15

26 01 30 99-0004 175 KW, Gasoline Generator, Replace Generator Component *(26 01 30 99-0001)*

26 01 30 99-0005	EA	Remove Gasoline Generator (For 175 KW, Gasoline Generator, Replace Generator Component)	4,370.41
26 01 30 99-0006	EA	Install New Gasoline Generator, 175 KW (For 175 KW, Gasoline Generator, Replace Generator Component)	87,308.05

26 01 30 99-0007 750 KW Diesel Generator *(26 01 30 99)*

Note: Includes all required small tools and equipment.

26 01 30 99-0008 750 KW, Diesel Generator, Maintenance And Inspection *(26 01 30 99-0007)*

26 01 30 99-0009	EA	Run Test Diesel Generator (For 750 KW, Diesel Generator, Maintenance And Inspection)	96.15

26 01 30 99-0010 750 KW, Diesel Generator, Replace Diesel Generator Component *(26 01 30 99-0007)*

26 01 30 99-0011	EA	Remove Diesel Generator (For 750 KW, Diesel Generator, Replace Diesel Generator Component)	6,867.74
26 01 30 99-0012	EA	Install New Diesel Generator, 750 KW (For 750 KW, Diesel Generator, Replace Diesel Generator Component)	246,740.48

26 01 30 99-0013 Transfer Switch *(26 01 30 99)*

Note: Includes all required small tools and equipment.

26 01 30 99-0014 Transfer Switch, Maintenance And Repair *(26 01 30 99-0013)*

26 01 30 99-0015	EA	Remove Transfer Switch Coil (For Transfer Switch, Maintenance And Repair)	80.16
26 01 30 99-0016	EA	Install New Transfer Switch Coil (For Transfer Switch, Maintenance And Repair)	372.39

26 01 30 99-0017 Transfer Switch, Maintenance And Inspection *(26 01 30 99-0013)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 30 99-0018	EA	Inspect And Clean Transfer Switch (For Transfer Switch, Maintenance And Inspection)	60.09	
26 01 30 99-0019		**Transfer Switch, Replace Transfer Switch** *(26 01 30 99-0013)*		
26 01 30 99-0020	EA	Remove Transfer Switch (For Transfer Switch, Replace Transfer Switch)	80.16	
26 01 30 99-0021	EA	Install New Transfer Switch, 480 Volt, 3 Pole, 1,200 Amp (For Transfer Switch, Replace Transfer Switch)	26,131.05	
26 01 30 99-0022	EA	Cut, Form, Align And Connect Wires (For Transfer Switch, Replace Transfer Switch)	18.15	
26 01 30 99-0023	EA	Check Operation Of Switch (For Transfer Switch, Replace Transfer Switch)	2.16	
26 01 30 99-0024		**Battery, Wet** *(26 01 30 99)* Note: Includes all required small tools and equipment.		
26 01 30 99-0025		**Wet Battery, Maintenance And Inspection** *(26 01 30 99-0024)*		
26 01 30 99-0026	EA	Clean And Maintain Wet Cell Battery (For Wet Battery, Maintenance And Inspection)	60.09	
26 01 30 99-0027		**Wet Battery, Replace Battery** *(26 01 30 99-0024)*		
26 01 30 99-0028	EA	Remove Wet Cell Battery (For Wet Battery, Replace Battery)	12.02	
26 01 30 99-0029	EA	Install New Wet Cell Battery (For Wet Battery, Replace Battery)	665.45	
26 01 30 99-0030		**Battery, Dry** *(26 01 30 99)* Note: Includes all required small tools and equipment.		
26 01 30 99-0031		**Dry Battery, Maintenance And Inspection** *(26 01 30 99-0030)*		
26 01 30 99-0032	EA	Clean And Maintain Dry Cell Battery (For Dry Battery, Maintenance And Inspection)	60.09	
26 01 30 99-0033		**Dry Battery, Replace Battery** *(26 01 30 99-0030)*		
26 01 30 99-0034	EA	Remove Dry Cell Battery (For Dry Battery, Replace Battery)	12.02	
26 01 30 99-0035	EA	Install New Dry Cell Battery (For Dry Battery, Replace Battery)	193.67	
26 01 30 99-0036		**Battery Charger** *(26 01 30 99)* Note: Includes all required small tools and equipment.		
26 01 30 99-0037		**Battery Charger, Maintenance And Repair** *(26 01 30 99-0036)*		
26 01 30 99-0038	EA	Repair Battery Charger Component (For Battery Charger, Maintenance And Repair)	418.69	
26 01 30 99-0039		**Battery Charger, Maintenance And Inspection** *(26 01 30 99-0036)*		
26 01 30 99-0040	EA	Check Battery Charger (For Battery Charger, Maintenance And Inspection)	192.30	
26 01 30 99-0041		**Battery Charger, Replace Charger** *(26 01 30 99-0036)*		
26 01 30 99-0042	EA	Remove Battery Charger (For Battery Charger, Replace Charger)	73.91	
26 01 30 99-0043	EA	Install New Battery Charger (For Battery Charger, Replace Charger)	786.90	
26 01 30 99-0044		**Uninterruptible Power Supply (UPS) Battery** *(26 01 30 99)* Note: Includes all required small tools and equipment.		
26 01 30 99-0045		**Uninterruptible Power Supply (UPS) Battery, Maintenance And Inspection** *(26 01 30 99-0044)*		
26 01 30 99-0046	EA	UPS Battery Electrical Test (For Uninterruptible Power Supply (UPS) Battery, Maintenance And Inspection)	96.15	
26 01 30 99-0047		**Uninterruptible Power Supply (UPS) Battery, Replace Motor Generator Uninterruptible Power Supply (UPS) Battery** *(26 01 30 99-0044)*		
26 01 30 99-0048	EA	Remove UPS Battery (For Uninterruptible Power Supply (UPS) Battery, Replace Motor Generator Uninterruptible Power Supply (UPS) Battery)	160.21	
26 01 30 99-0049	EA	Install New UPS Battery (For Uninterruptible Power Supply (UPS) Battery, Replace Motor Generator Uninterruptible Power Supply (UPS) Battery)	1,105.58	
26 01 30 99-0050		**Automatic Transfer Switch Preventative Maintenance** *(26 01 30 99)* Note: Includes all required small tools and equipment.		
26 01 30 99-0051	EA	Annual Preventative Maintenance For Automatic Transfer Switch Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Inspect Wiring, Wiring Connections And Fuse Blocks For Looseness, Tighten All Connections. 3. Inspect Wiring, Wiring Connections And Fuse Blocks For Charring And Overheating. 4. Inspect Wiring, Wiring Connections And Fuse Blocks For Evidence Of Short-Circuiting. 5. Inspect General Condition Of Transfer Switch And Clean Exterior And Surrounding Area. 6. Fill Out Maintenance Checklist And Report Deficiencies.	71.30	
26 01 30 99-0052		**15 kVA And Less, Emergency Generator Preventative Maintenance** *(26 01 30 99)* Note: Includes all required small tools and equipment.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 30 99-0053	EA	Annual Preventative Maintenance For 15 kVA And Less, Emergency Generator Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check Engine Oil Level; Add As Required. 3. Change Engine Oil. 4. Change Engine Oil Filter. 5. Check Battery Charge And Electrolyte Specific Gravity; Add Water As Required. 6. Check Terminals For Corrosion; Clean As Required. 7. Check Belt Tension And Wear; Adjust As Required. 8. Check Engine Air Filter; Change As Required. 9. Check Engine Coolant, Add As Required. 10. Check Spark Plug Or Injector Nozzle Condition; Service Or Replace As Required. 11. Check Wiring, Connections And Switches; Adjust As Required. 12. Perform 30 Minute Generator Test Run; Check For Proper Operation. 13. Check Fuel Level; Add As Required. 14. Wipe Dust And Dirt From Engine And Generator. 15. Clean Area Around Generator. 16. Fill Out Maintenance Checklist And Report Deficiencies.	336.07	
26 01 30 99-0054		Over 15 kVA, Emergency Diesel Generator Preventative Maintenance *(26 01 30 99)* Note: Includes all required small tools and equipment.		
26 01 30 99-0055	EA	Annual Preventative Maintenance For Over 15 kVA, Emergency Diesel Generator Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check Engine Oil Level; Add As Required. 3. Change Engine Oil. 4. Change Engine Oil Filter. 5. Check Battery Charge And Electrolyte Specific Gravity; Add Water As Required. 6. Check Terminals For Corrosion; Clean As Required. 7. Check Belts for Wear and Proper Tension; Adjust As Required. 8. Check That Crank Case Heater Is Operating. 9. Check Engine Air Filter; Change As Required. 10. Check Engine Coolant; Add As Required. 11. Check Wiring, Connections And Switches; Adjust As Required. 12. Check Spark Plug Or Injector Nozzle Condition; Service Or Replace As Required. 13. Perform 30 Minute Generator Test Run; Check For Proper Operation. 14. Check Fuel Level With Gauge Pole, Add As Required. 15. Wipe Dust And Dirt From Engine And Generator. 16. Clean Area Around Generator. 17. Fill Out Maintenance Checklist And Report Deficiencies.	361.53	
26 01 30 99-0056		Turbine Emergency Diesel Generator Preventative Maintenance *(26 01 30 99)* Note: Includes all required small tools and equipment.		
26 01 30 99-0057	EA	Annual Preventative Maintenance For Turbine Emergency Diesel Generator Note: 1. Check With Operating Or Area Personnel for Deficiencies. 2. Check Transmission Oil Level; Add As Required. . Check Turbine Oil Level; Add As Required. 3. Change Turbine Oil. 4. Change Turbine Oil Filter. 5. Check That The Crankcase Heater Is Operating Properly. 6. Remove And Install New Turbine Air Filter. 7. Check Wiring, Connections And Switches, Adjust As Required. 8. Check Engine Coolant, Add As Required. 9. Check Starter For Proper Operation, Lubricate As Required. 10. Check Fuel Nozzles And Fuel Regulator, Service Or Replace As Required. 11. Check Ignition Device Condition, Service Or Replace As Required. 12. Perform 30 Minute Generator Test Run, Check For Proper Operation. 13. Check And Record Transmission Oil Pressure And Temperature, And Natural Gas Pressure. 14. Oil Pressure:_____ Oil Temperature:_____ Gas Pressure:_____ 15. Record Running Time: Beginning ___ Hours: Ending ___ Hours. 16. Check That The Charger Is Operating Properly. 17. Check For Any Signs Of Corrosion On Battery Terminals Or Wires. 18. Check The Electrolyte Level In The Batteries, Add As Required. 19. Check Specific Gravity Of The Electrolyte In A 10% Sample Of The Batteries. 20. Check 25% Of Terminal-To-Cell Connection Resistance, Rehabilitate Connections As Required. 21. Apply Anti-Corrosion Grease To Battery Terminals And Connections. 22. Measure And Record Individual Cell And String Float Voltages. 23. Clean Area Around Generator. 25. Fill Out Maintenance Checklist And Report Deficiencies.	1,243.65	
26 01 30 99-0058		Power Stabilizer Preventative Maintenance *(26 01 30 99)* Note: Includes all required small tools and equipment.		
26 01 30 99-0059	EA	Annual Preventative Maintenance For Power Stabilizer Note: 1. Remove The Covers Or Open The Doors. 2. Check For Signs Of Moisture Or Overheating. 3. Check Fans And Other Auxiliary Devices For Proper Operation. 4. Check For Voltage Creeping Over Transformer Insulated Surface. 5. Look For Evidence Such As Tracking Or Carbonization. 6. Check Condition Of The Ground System. 7. Check Wiring, Connections And Relays; Tighten And Adjust As Required. 8. Reinstall The Covers Or Close The Doors. 9. Clean The Surrounding Area. 10. Fill Out Maintenance Checklist And Report Deficiencies.	72.32	
26 01 30 99-0060		200 kVA And Less, Uninterruptible Power System Preventative Maintenance *(26 01 30 99)* Note: Includes all required small tools and equipment.		
26 01 30 99-0061	EA	Annual Preventative Maintenance For 200 kVA And Less, Uninterruptible Power System Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check Electrolyte Level Of Batteries; Add Water As Required. 3. Check Terminals For Corrosion; Clean As Required. 4. Check 25% Of The Batteries For Charge And Electrolyte Specific Gravity. 5. Check Batteries For Cracks Or Leaks; Remove And Install New Batteries As Required. 6. Check 25% Of The Terminal-To-Cell Connection Resistances. 7. Rehabilitate Connections As Required. 8. Apply Anti-Corrosion Grease To Battery Terminals And Connections. 9. Measure And Record Individual Cell And String Float Voltages. 10. Check Integrity Of Battery Rack. 11. Check Battery Room Temperature And Ventilation System. 12. Remove And Install New Air Filters On UPS Modules. 13. Check Output Voltage And Amperages, From Control Panel. 14. Check UPS Room Temperature And Ventilation System. 15. Notify Personnel And Test UPS Fault Alarm System. 16. Clean Around Batteries And UPS Modules. 17. Fill Out Maintenance Checklist And Report Deficiencies.	546.91	
26 01 30 99-0062		201 To 800 kVA, Uninterrupted Power System Preventative Maintenance *(26 01 30 99)* Note: Includes all required small tools and equipment.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 30 99-0063	EA	Annual Preventative Maintenance For 201 To 800 kVA, Uninterrupted Power System Note: 1. Check With Operating Or Area Personnel For Deficiencies. 2. Check Electrolyte Level Of Batteries; Add Water As Required. 3. Check Terminals For Corrosion; Clean As Required. 4. Check 25% Of The Batteries For Charge And Electrolyte Specific Gravity. 5. Check Batteries For Cracks Or Leaks; Remove And Install New Batteries As Required. 6. Check 25% Of The Terminal-To-Cell Connection Resistances. 7. Rehabilitate Connections As Required. 8. Apply Anti-Corrosion Grease To Battery Terminals And Connections. 9. Measure And Record Individual Cell And String Float Voltages. 10. Check Integrity Of Battery Rack. 11. Check Battery Room Temperature And Ventilation System. 12. Remove And Install New Air Filters On UPS Modules. 13. Check Output Voltage And Amperages, From Control Panel. 14. Check UPS Room Temperature And Ventilation System. 15. Notify Personnel And Test UPS Fault Alarm System. 16. Clean Around Batteries And UPS Modules. 17. Fill Out Maintenance Checklist And Report Deficiencies.	1,194.40	
26 01 30 99-0064		Battery System And Charger Preventative Maintenance *(26 01 30 99)* Note: Includes all required small tools and equipment.		
26 01 30 99-0065	EA	Annual Preventative Maintenance Of Battery System And Charger Note: 1. Check That The Charger Is Operating Properly. 2. Check For Any Signs Of Corrosion On The Battery Terminals Or Wires. 3. Check The Electrolyte Level In The Batteries, Add As Required. 4. Check The Specific Gravity Of The Electrolyte In A 10% Sample Of The Batteries. 5. Check 25% Of Terminal-To-Cell Connection Resistance, Rehabilitate Connections As Required. 6. Apply Anti-Corrosion Grease To Battery Terminals And Connections. 7. Measure And Record Individual Cell And String Float Voltages. 8. Clean Area Around Batteries.	186.88	

26 01 50 Operation and Maintenance of Lighting *(26 01)*

26 01 50 51 Luminaire Relamping *(26 01 50)*

26 01 50 51-0001 Replace Lamps In Existing Fixtures *(26 01 50 51)*
Note: Includes removal of existing lamp from fixture and installation of new lamp. Excludes disposal of hazardous lamps. See CSI section 26 01 50 51-0373 for disposal of hazardous lamps.

26 01 50 51-0002 Halogen Lamps *(26 01 50 51-0001)*

26 01 50 51-0003	EA	300 Watt, T3, Tungsten Halogen Lamp	50.61
26 01 50 51-0004	EA	500 Watt, T3, Tungsten Halogen Lamp	65.00
26 01 50 51-0005	EA	1,000 Watt, T3, Tungsten Halogen Lamp	96.67
26 01 50 51-0006	EA	60 Watt, PAR38, Halogen Lamp	25.46
26 01 50 51-0007	EA	75 Watt, PAR38, Halogen Lamp	25.46
26 01 50 51-0008	EA	90 Watt, PAR38, Halogen Lamp	24.18
26 01 50 51-0009	EA	100 Watt, PAR38, Halogen Lamp	24.18
26 01 50 51-0010	EA	60 Watt, PAR38, Halogen IR Reflective Lamp	36.80
26 01 50 51-0011	EA	67 Watt, PAR38, Halogen IR Reflective Lamp	40.46
26 01 50 51-0012	EA	70 Watt, PAR38, Halogen IR Reflective Lamp	39.51
26 01 50 51-0013	EA	90 Watt, PAR38, Halogen IR Reflective Lamp	42.31
26 01 50 51-0014	EA	100 Watt, PAR38, Halogen IR Reflective Lamp	42.90
26 01 50 51-0015	EA	12 Watt, 10 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-65-B01-12-830-10)	21.35
26 01 50 51-0016	EA	12 Watt, 20 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-20)	21.35
26 01 50 51-0017	EA	12 Watt, 25 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-25)	23.26
26 01 50 51-0018	EA	12 Watt, 36 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-36)	23.26

26 01 50 51-0019 Incandescent Lamps *(26 01 50 51-0001)*

26 01 50 51-0020	EA	100 Watt, Frosted, Interior Incandescent Lamp	6.86
		For Multiple Lamps In Fixture, Deduct	*-2.00*
26 01 50 51-0021	EA	150 Watt, Frosted, Interior Incandescent Lamp	8.48
		For Multiple Lamps In Fixture, Deduct	*-2.00*
26 01 50 51-0022	EA	200 Watt, Frosted, Interior Incandescent Lamp	10.30
		For Multiple Lamps In Fixture, Deduct	*-2.00*
26 01 50 51-0023	EA	300 Watt, PS25, Interior Incandescent Lamp	12.60
		For Multiple Lamps In Fixture, Deduct	*-2.00*
26 01 50 51-0024	EA	60 Watt, G25, Clear, Interior Incandescent Lamp	9.50
		For Multiple Lamps In Fixture, Deduct	*-2.00*
26 01 50 51-0025	EA	75 Watt, R20, Interior Incandescent Lamp	14.97
		For Multiple Lamps In Fixture, Deduct	*-2.41*
26 01 50 51-0026	EA	75 Watt, PAR38, Exterior Incandescent Lamp	18.18
		For Multiple Lamps In Fixture, Deduct	*-2.41*
26 01 50 51-0027	EA	100 Watt, PAR38, Exterior Incandescent Lamp	16.90
		For Multiple Lamps In Fixture, Deduct	*-2.41*
26 01 50 51-0028	EA	150 Watt, PAR38, Exterior Incandescent Lamp	29.09
		For Multiple Lamps In Fixture, Deduct	*-2.41*
26 01 50 51-0029	EA	250 Watt, PAR38, Exterior Incandescent Lamp	59.83
		For Multiple Lamps In Fixture, Deduct	*-2.81*
26 01 50 51-0030	EA	300 Watt, PAR56, Exterior Incandescent Lamp	68.77
		For Multiple Lamps In Fixture, Deduct	*-2.81*

26 01 50 51-0031 Exit Light Lamps *(26 01 50 51-0001)*

26 01 50 51-0032	EA	Convert Exit Light Lamps To Red LED Lamps	114.12
		For Green LED Lamps, Add	*25.00*
26 01 50 51-0033	EA	Fluorescent Lamp For Exit Light	32.36
		For Multiple Lamps In Fixture, Deduct	*-8.02*
26 01 50 51-0034	EA	Lamp Replacement For Emergency Lights On Exit Sign	41.33
		For Multiple Lamps In Fixture, Deduct	*-4.01*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0035		Fluorescent Lamps *(26 01 50 51-0001)*		
26 01 50 51-0036	EA	18", 15 Watt, T8 Fluorescent Lamp	12.64	
		For Multiple Lamps In Fixture, Deduct	*-3.20*	
26 01 50 51-0037	EA	2', 17 Watt, T8 Fluorescent Lamp	15.18	
		For Multiple Lamps In Fixture, Deduct	*-3.20*	
26 01 50 51-0038	EA	3', 25 Watt, T8 Fluorescent Lamp	17.44	
		For Multiple Lamps In Fixture, Deduct	*-3.61*	
26 01 50 51-0039	EA	4', 28 Watt, Rapid Start T8 Fluorescent Lamp	18.12	
		For Multiple Lamps In Fixture, Deduct	*-3.61*	
26 01 50 51-0040	EA	4', 32 Watt, T8 Fluorescent Lamp	18.03	
		For Multiple Lamps In Fixture, Deduct	*-3.61*	
26 01 50 51-0041	EA	4', 30 Watt, T8 Fluorescent Lamp	21.81	
		For Multiple Lamps In Fixture, Deduct	*-3.61*	
26 01 50 51-0042	EA	4', 28 Watt, T8 Fluorescent Lamp	19.15	
		For Multiple Lamps In Fixture, Deduct	*-3.61*	
26 01 50 51-0043	EA	4', 25 Watt, T8 Fluorescent Lamp	19.04	
		For Multiple Lamps In Fixture, Deduct	*-3.61*	
26 01 50 51-0044	EA	4', 44 Watt, T8HO Fluorescent Lamp	30.51	
		For Multiple Lamps In Fixture, Deduct	*-3.61*	
26 01 50 51-0045	EA	8', 59 Watt, T8 Fluorescent Lamp	23.31	
		For Multiple Lamps In Fixture, Deduct	*-3.61*	
26 01 50 51-0046	EA	18", 15 Watt, T12 Fluorescent Lamp	19.03	
		For Multiple Lamps In Fixture, Deduct	*-3.20*	
26 01 50 51-0047	EA	2', 20 Watt, T12 Fluorescent Lamp	14.45	
		For Multiple Lamps In Fixture, Deduct	*-3.20*	
26 01 50 51-0048	EA	3', 30 Watt, T12 Fluorescent Lamp	16.24	
		For Multiple Lamps In Fixture, Deduct	*-3.61*	
26 01 50 51-0049	EA	4', 34 Watt, T12 Fluorescent Lamp	16.32	
		For Multiple Lamps In Fixture, Deduct	*-3.61*	
26 01 50 51-0050	EA	4', 40 Watt, T12 Fluorescent Lamp	15.99	
		For Multiple Lamps In Fixture, Deduct	*-3.61*	
26 01 50 51-0051	EA	8', 60 Watt, T12 Fluorescent Lamp	23.89	
		For Multiple Lamps In Fixture, Deduct	*-3.61*	
26 01 50 51-0052	EA	8', 75 Watt, T12 Fluorescent Lamp	20.21	
		For Multiple Lamps In Fixture, Deduct	*-3.61*	
26 01 50 51-0053	EA	8', 95 Watt, Instant Start T12 Fluorescent Lamp	36.86	
26 01 50 51-0054	EA	6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp	19.26	
		For Multiple Lamps In Fixture, Deduct	*-3.20*	
26 01 50 51-0055	EA	8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp	15.87	
		For Multiple Lamps In Fixture, Deduct	*-3.20*	
26 01 50 51-0056	EA	12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp	15.35	
		For Multiple Lamps In Fixture, Deduct	*-3.20*	
26 01 50 51-0057	EA	16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp	16.97	
		For Multiple Lamps In Fixture, Deduct	*-3.20*	
26 01 50 51-0058	EA	32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp	28.00	
		For Multiple Lamps In Fixture, Deduct	*-4.01*	
26 01 50 51-0059	EA	40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp	27.01	
		For Multiple Lamps In Fixture, Deduct	*-4.01*	
26 01 50 51-0060	EA	6", 4 Watt, T5 Fluorescent Lamp	14.02	
		For Multiple Lamps In Fixture, Deduct	*-3.20*	
26 01 50 51-0061	EA	9", 6 Watt, T5 Fluorescent Lamp	13.79	
		For Multiple Lamps In Fixture, Deduct	*-3.20*	
26 01 50 51-0062	EA	12", 8 Watt, T5 Fluorescent Lamp	14.22	
		For Multiple Lamps In Fixture, Deduct	*-3.20*	
26 01 50 51-0063	EA	21", 13 Watt, T5 Fluorescent Lamp	14.87	
		For Multiple Lamps In Fixture, Deduct	*-3.20*	
26 01 50 51-0064	EA	24", 14 Watt, T5 Fluorescent Lamp	17.12	
		For Multiple Lamps In Fixture, Deduct	*-3.20*	
26 01 50 51-0065	EA	34", 21 Watt, T5 Fluorescent Lamp	18.63	
		For Multiple Lamps In Fixture, Deduct	*-3.61*	
26 01 50 51-0066	EA	46", 28 Watt, T5 Fluorescent Lamp	18.05	
		For Multiple Lamps In Fixture, Deduct	*-3.61*	
26 01 50 51-0067	EA	46", 54 Watt, T5HO Fluorescent Lamp	19.73	
		For Multiple Lamps In Fixture, Deduct	*-3.61*	
26 01 50 51-0068	EA	46", 54 Watt T5 Fluorescent Lamp	17.30	
26 01 50 51-0069	EA	5-13 Watt, 2-Pin Compact Fluorescent Lamp	11.06	
		For Multiple Lamps In Fixture, Deduct	*-2.00*	
26 01 50 51-0070	EA	9-26 Watt, 4-Pin Compact Fluorescent Lamp	12.23	
		For Multiple Lamps In Fixture, Deduct	*-2.00*	
26 01 50 51-0071	EA	27-55 Watt, 4-Pin Compact Fluorescent Lamp	25.07	
		For Multiple Lamps In Fixture, Deduct	*-2.00*	
26 01 50 51-0072	EA	Compact Fluorescent 13 Watt, 4-Pin Lamps CF13DD/E/827, Dulux	32.71	
26 01 50 51-0073	EA	Compact Fluorescent 18 Watt, 4-Pin Lamps CF18DD/E/827, Dulux	32.71	
26 01 50 51-0074	EA	32 Watt 2D (DoubleD) Fluorescent Lamp, 4-Pin	61.52	
26 01 50 51-0075	EA	26 Watt (1,600 Lumens) 4-pin Quad Tube PL Lamp	22.35	
26 01 50 51-0076	EA	<9 Watt, Screw-In, Spiral Compact Fluorescent Lamps	12.06	
26 01 50 51-0077	EA	9 To 27 Watt, Screw-In, Spiral Compact Fluorescent Lamps	10.33	
26 01 50 51-0078	EA	29 To 32 Watt, Screw-In, Spiral Compact Fluorescent Lamps	10.87	
26 01 50 51-0079	EA	33 To 42 Watt, Screw-In, Spiral Compact Fluorescent Lamps	46.69	
26 01 50 51-0080	EA	43 To 65 Watt, Screw-In, Spiral Compact Fluorescent Lamps	50.99	
26 01 50 51-0081	EA	85 Watt, Screw-In, Spiral Compact Fluorescent Lamps	97.67	
26 01 50 51-0082	EA	105 Watt, Screw-In, Spiral Compact Fluorescent Lamps	117.12	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0083	EA	200 Watt, Screw-In, Spiral Compact Fluorescent Lamps	121.07	
26 01 50 51-0084	EA	11 Watt, Screw-In, Compact Fluorescent Reflector Lamps	43.40	
26 01 50 51-0085	EA	15 Watt, Screw-In, Compact Fluorescent Reflector Lamps	45.30	
26 01 50 51-0086	EA	20 To 28 Watt, Screw-In, Compact Fluorescent Reflector Lamps	52.43	
26 01 50 51-0087		**Metal Halide Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0088	EA	50 Watt, Pulse Start Metal Halide Lamp	48.40	
26 01 50 51-0089	EA	70 Watt, Pulse Start Metal Halide Lamp	46.33	
26 01 50 51-0090	EA	100 Watt, Pulse Start Metal Halide Lamp	52.89	
26 01 50 51-0091	EA	150 Watt, Pulse Start Metal Halide Lamp	51.40	
26 01 50 51-0092	EA	175 Watt, Pulse Start Metal Halide Lamp	50.97	
26 01 50 51-0093	EA	250 Watt, Pulse Start Metal Halide Lamp	51.26	
26 01 50 51-0094	EA	400 Watt, Pulse Start Metal Halide Lamp	61.72	
26 01 50 51-0095	EA	1,000 Watt, Pulse Start Metal Halide Lamp	71.75	
26 01 50 51-0096	EA	1,500 Watt, Pulse Start Metal Halide Lamp	71.34	
26 01 50 51-0097		**High Pressure Sodium Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0098	EA	35 Watt, High Pressure Sodium Lamp	39.94	
		For Enclosed And Gasket Light Fixtures, Add	*3.09*	
26 01 50 51-0099	EA	50 Watt, High Pressure Sodium Lamp	39.94	
		For Enclosed And Gasket Light Fixtures, Add	*3.09*	
26 01 50 51-0100	EA	70 Watt, High Pressure Sodium Lamp	40.84	
		For Enclosed And Gasket Light Fixtures, Add	*3.09*	
26 01 50 51-0101	EA	100 Watt, High Pressure Sodium Lamp	42.54	
		For Enclosed And Gasket Light Fixtures, Add	*3.09*	
26 01 50 51-0102	EA	150 Watt, High Pressure Sodium Lamp	40.84	
		For Enclosed And Gasket Light Fixtures, Add	*3.09*	
26 01 50 51-0103	EA	250 Watt, High Pressure Sodium Lamp	40.84	
		For Enclosed And Gasket Light Fixtures, Add	*3.09*	
26 01 50 51-0104	EA	400 Watt, High Pressure Sodium Lamp	38.30	
		For Enclosed And Gasket Light Fixtures, Add	*3.09*	
26 01 50 51-0105	EA	1,000 Watt, High Pressure Sodium Lamp	88.78	
26 01 50 51-0106		**Low Pressure Sodium Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0107	EA	35 Watt, Low Pressure Sodium Lamp	101.55	
26 01 50 51-0108	EA	55 Watt, Low Pressure Sodium Lamp	113.32	
26 01 50 51-0109	EA	70 Watt, Low Pressure Sodium Lamp	115.97	
26 01 50 51-0110	EA	90 Watt, Low Pressure Sodium Lamp	118.62	
26 01 50 51-0111	EA	135 Watt, Low Pressure Sodium Lamp	129.22	
26 01 50 51-0112	EA	180 Watt, Low Pressure Sodium Lamp	176.92	
26 01 50 51-0113		**LED Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0114		**LED Lamps, Candelabra Base, CA10** *(26 01 50 51-0113)*		
26 01 50 51-0115	EA	3 Watt (25 Watt Incandescent Equivalent), Candelabra Base, CA10, Dimmable LED Lamp (Energy Star)	17.24	
26 01 50 51-0116		**LED Lamps, Medium Base, A19 Or A21** *(26 01 50 51-0113)*		
26 01 50 51-0117	EA	6 Watt (40 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	23.18	
26 01 50 51-0118	EA	11 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	23.18	
26 01 50 51-0119	EA	14 Watt (75 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	39.13	
26 01 50 51-0120	EA	17 Watt (75 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	27.21	
26 01 50 51-0121	EA	18 Watt (100 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	49.10	
26 01 50 51-0122		**LED Lamps, Medium Base, BR30 Or BR40** *(26 01 50 51-0113)*		
26 01 50 51-0123	EA	9.5 Watt (65 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	31.23	
26 01 50 51-0124	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	27.86	
26 01 50 51-0125	EA	11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	36.81	
26 01 50 51-0126	EA	14.5 Watt (75 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	30.85	
26 01 50 51-0127	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	40.80	
26 01 50 51-0128	EA	18 Watt (90 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	30.85	
26 01 50 51-0129		**LED Lamps, Medium Base, PAR** *(26 01 50 51-0113)*		
26 01 50 51-0130	EA	7 Watt (45 Watt Halogen Equivalent), Medium Base, PAR20, Dimmable LED Lamp (Energy Star)	34.42	
26 01 50 51-0131	EA	12 Watt (60 Watt Halogen Equivalent), Medium Base, Short Neck Par30, Dimmable LED Lamp (Energy Star)	46.80	
26 01 50 51-0132	EA	16.3 Watt (65 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	46.80	
26 01 50 51-0133	EA	15.6 Watt (70 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	44.80	
26 01 50 51-0134	EA	12 Watt (50 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	42.81	
26 01 50 51-0135	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	42.81	
26 01 50 51-0136	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	83.08	
26 01 50 51-0137	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	46.80	
26 01 50 51-0138	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	44.80	
26 01 50 51-0139	EA	19 Watt (120 Watt Halogen Equivalent), Medium Base, Par38, Dimmable LED Lamp (Energy Star)	46.80	
26 01 50 51-0140	EA	24 Watt (120 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	46.80	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0141		**LED Lamps, GU Base, MR16** *(26 01 50 51-0113)*		
26 01 50 51-0142	EA	4 Watt (20 Watt Halogen Equivalent), GU5.3 Base, MR16, LED Lamp (Energy Star)	23.87	
26 01 50 51-0143	EA	6 Watt (30 Watt Halogen Equivalent), GU10 Base, MR16, Dimmable LED Lamp (Energy Star)	31.23	
26 01 50 51-0144	EA	8 Watt (50 Watt Halogen Equivalent), GU5.3 Base, MR16, Dimmable LED Lamp (Energy Star)	34.42	
26 01 50 51-0145		**LED Lamps, PL Series** *(26 01 50 51-0113)*		
26 01 50 51-0146	EA	3.5 Watt, 2-Pin CFL G23 Base , Hybrid Lamp (GreenCreative PLS 3.5 HYB G23)	15.61	
26 01 50 51-0147	EA	26 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/827/DIR)	20.88	
26 01 50 51-0148	EA	26 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/830/DIR)	18.03	
26 01 50 51-0149	EA	26 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/835/DIR)	19.81	
26 01 50 51-0150	EA	26 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/840/DIR)	19.81	
26 01 50 51-0151	EA	26 Watt, 3000K CCT, High CRI, PL EDGE DIRect Series (Green Creative 10.5PLH/930/DIR)	23.02	
26 01 50 51-0152	EA	13-18 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/827/DIR)	19.81	
26 01 50 51-0153	EA	13-18 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/830/DIR)	19.81	
26 01 50 51-0154	EA	13-18 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/835/DIR)	19.81	
26 01 50 51-0155	EA	13-18 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/840/DIR)	19.81	
26 01 50 51-0156	EA	26 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 10PLV/827/DIR)	21.95	
26 01 50 51-0157	EA	26 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 10PLV/830/DIR)	21.95	
26 01 50 51-0158	EA	26 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 10PLV/835/DIR)	21.95	
26 01 50 51-0159	EA	26 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 10PLV/840/DIR)	21.95	
26 01 50 51-0160	EA	26 Watt, 3000K CCT, High CRI, PL EDGE DIRect Series (Green Creative 11PLV/930/DIR)	20.88	
26 01 50 51-0161	EA	13-18 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/827/DIR)	20.88	
26 01 50 51-0162	EA	13-18 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/830/DIR)	20.88	
26 01 50 51-0163	EA	13-18 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/835/DIR)	21.60	
26 01 50 51-0164	EA	13-18 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/840/DIR)	21.60	
26 01 50 51-0165	EA	26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/827/BYP)	21.75	
26 01 50 51-0166	EA	26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/830/BYP)	21.75	
26 01 50 51-0167	EA	26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/835/BYP)	21.75	
26 01 50 51-0168	EA	26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/840/BYP)	21.75	
26 01 50 51-0169	EA	13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP)	22.31	
26 01 50 51-0170	EA	13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP)	22.31	
26 01 50 51-0171	EA	13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/E26)	22.31	
26 01 50 51-0172	EA	13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/E26)	22.31	
26 01 50 51-0173	EA	13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/E26)	22.31	
26 01 50 51-0174	EA	13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/GU24)	22.31	
26 01 50 51-0175	EA	13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/GU24)	22.31	
26 01 50 51-0176	EA	13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/GU24)	22.31	
26 01 50 51-0177	EA	26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/827/BYP)	27.89	
26 01 50 51-0178	EA	26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/830/BYP)	27.89	
26 01 50 51-0179	EA	26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/835/BYP)	27.89	
26 01 50 51-0180	EA	26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/840/BYP)	26.60	
26 01 50 51-0181	EA	13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 7PLV/835/BYP)	26.60	
26 01 50 51-0182	EA	13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 7PLV/840/BYP)	26.60	
26 01 50 51-0183	EA	4 Pin, 6 Watt, 560 Lumens 4000K CCT, Horizontal Mount LED PL Lamp (Green Creative 57898)	25.48	
26 01 50 51-0184		**HID LED Lamps, Medium Base E26** *(26 01 50 51-0113)*		
26 01 50 51-0185	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/840/277V/E26)	51.23	
26 01 50 51-0186	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/850/277V/E26)	51.23	
26 01 50 51-0187	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/840/277V/E26)	64.44	
26 01 50 51-0188	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/850/277V/E26)	64.44	
26 01 50 51-0189	EA	10 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-3026)	46.51	
26 01 50 51-0190	EA	10 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-4026)	46.51	
26 01 50 51-0191	EA	10 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-5026)	46.51	
26 01 50 51-0192	EA	10 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-6026)	46.51	
26 01 50 51-0193	EA	15 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-3026)	47.94	
26 01 50 51-0194	EA	15 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-4026)	47.94	
26 01 50 51-0195	EA	15 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-5026)	47.94	
26 01 50 51-0196	EA	15 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-6026)	47.94	
26 01 50 51-0197	EA	20 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-3026)	53.65	
26 01 50 51-0198	EA	20 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-4026)	53.65	
26 01 50 51-0199	EA	20 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-5026)	53.65	
26 01 50 51-0200	EA	20 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-6026)	53.65	
26 01 50 51-0201	EA	25 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-3026)	60.79	
26 01 50 51-0202	EA	25 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-4026)	60.79	
26 01 50 51-0203	EA	25 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-5026)	60.79	
26 01 50 51-0204	EA	25 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-6026)	60.79	
26 01 50 51-0205	EA	30 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-3026)	76.50	
26 01 50 51-0206	EA	30 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-4026)	76.50	
26 01 50 51-0207	EA	30 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-5026)	76.50	
26 01 50 51-0208	EA	30 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-6026)	76.50	
26 01 50 51-0209	EA	40 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-3026)	90.07	
26 01 50 51-0210	EA	40 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-4026)	90.07	
26 01 50 51-0211	EA	40 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-5026)	90.07	
26 01 50 51-0212	EA	40 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-6026)	90.07	
26 01 50 51-0213	EA	60 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-3026)	99.35	
26 01 50 51-0214	EA	60 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-4026)	99.35	
26 01 50 51-0215	EA	60 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-5026)	99.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0216	EA	60 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-6026)	99.35	
26 01 50 51-0217	EA	80 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-3026)	132.91	
26 01 50 51-0218	EA	80 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-4026)	132.91	
26 01 50 51-0219	EA	80 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-5026)	132.91	
26 01 50 51-0220	EA	80 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-6026)	132.91	
26 01 50 51-0221	EA	100 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-3026)	137.19	
26 01 50 51-0222	EA	100 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-4026)	137.19	
26 01 50 51-0223	EA	100 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-5026)	137.19	
26 01 50 51-0224	EA	100 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-6026)	137.19	
26 01 50 51-0225	EA	120 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-3026)	162.18	
26 01 50 51-0226	EA	120 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-4026)	162.18	
26 01 50 51-0227	EA	120 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-5026)	162.18	
26 01 50 51-0228	EA	120 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-6026)	162.18	
26 01 50 51-0229	EA	150 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-3026)	192.17	
26 01 50 51-0230	EA	150 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-4026)	192.17	
26 01 50 51-0231	EA	150 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-5026)	192.17	
26 01 50 51-0232	EA	150 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-6026)	192.17	
26 01 50 51-0233	EA	20 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED20WPT40KMED-G6)	62.99	
26 01 50 51-0234	EA	20 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED20WPT50KMED-G6)	67.98	
26 01 50 51-0235	EA	27 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT40KMED-G5)	67.98	
26 01 50 51-0236	EA	27 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT50KMED-G5)	62.99	
26 01 50 51-0237	EA	36 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED36WPT40KMED-G5)	78.69	
26 01 50 51-0238	EA	36 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED36WPT50KMED-G5)	72.27	
26 01 50 51-0239	EA	45 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT40KMED-G5)	86.55	
26 01 50 51-0240	EA	45 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT50KMED-G5)	85.71	
26 01 50 51-0241	EA	54 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT40KMED-G5)	87.62	
26 01 50 51-0242	EA	54 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT50KMED-G5)	87.62	
26 01 50 51-0243	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT40KMED-G7)	53.73	
26 01 50 51-0244	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT50KMED-G7)	53.73	
26 01 50 51-0245	EA	36 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT40KMED-G7)	60.33	
26 01 50 51-0246	EA	36 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT50KMED-G7)	60.33	
26 01 50 51-0247	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT40KMED-G7)	64.72	
26 01 50 51-0248	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT50KMED-G7)	64.72	
26 01 50 51-0249	EA	54 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT40KMED-G7)	71.32	
26 01 50 51-0250	EA	54 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT50KMED-G7)	71.32	
26 01 50 51-0251	EA	20 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-20W8-55K-E26)	71.66	
26 01 50 51-0252	EA	30 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-30W8-55K-E26)	77.52	
26 01 50 51-0253	EA	40 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-40W8-55K-E26)	96.01	
26 01 50 51-0254	EA	50 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-50W8-55K-E26)	105.58	
26 01 50 51-0255	EA	10 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-10W12-55K-E26)	42.53	
26 01 50 51-0256	EA	15 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-15W12-55K-E26)	47.67	
26 01 50 51-0257	EA	20 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-20W12-55K-E26)	50.24	
26 01 50 51-0258	EA	25 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-25W12-55K-E26)	55.03	
26 01 50 51-0259	EA	15 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148015-UNV)	65.82	
26 01 50 51-0260	EA	20 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148020-UNV)	76.81	
26 01 50 51-0261	EA	25 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148025-UNV)	104.27	
26 01 50 51-0262	EA	30 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148030-UNV)	109.76	
26 01 50 51-0263	EA	35 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148035-UNV)	118.55	
26 01 50 51-0264	EA	40 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148040-UNV)	124.04	
26 01 50 51-0265	EA	60 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148060-UNV)	177.87	
26 01 50 51-0266	EA	20 Watt, 5000K CCT, 120-277 Volt, E26 (Medium) Base, LED Retrofit Omni-Directional Lamp (HYLITE HL-IOD-20W-E26-50K)	67.35	

26 01 50 51-0267 HID LED Lamps, Mogul Base E39 Or EX39 *(26 01 50 51-0113)*

26 01 50 51-0268	EA	120 Watt, 2700K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/827/277V/EX39)	170.73	
26 01 50 51-0269	EA	120 Watt, 5000K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/850/277V/EX39)	170.73	
26 01 50 51-0270	EA	120 Watt, 5700 CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/857/277V/EX39)	170.73	
26 01 50 51-0271	EA	27 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/830/277V/EX39)	51.23	
26 01 50 51-0272	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/840/277V/EX39/R)	51.23	
26 01 50 51-0273	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/850/277V/EX39)	51.23	
26 01 50 51-0274	EA	45 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/830/277V/EX39)	64.44	
26 01 50 51-0275	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/840/277V/EX39/R)	64.44	
26 01 50 51-0276	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/850/277V/EX39)	64.44	
26 01 50 51-0277	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 80HID/850/277V/EX39)	117.99	
26 01 50 51-0278	EA	80 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-3039)	132.91	
26 01 50 51-0279	EA	80 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-4039)	132.91	
26 01 50 51-0280	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-5039)	132.91	
26 01 50 51-0281	EA	80 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-6039)	132.91	
26 01 50 51-0282	EA	100 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-3039)	137.19	
26 01 50 51-0283	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-4039)	137.19	
26 01 50 51-0284	EA	100 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-5039)	137.19	
26 01 50 51-0285	EA	100 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-6039)	137.19	
26 01 50 51-0286	EA	120 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-3039)	162.18	
26 01 50 51-0287	EA	120 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-4039)	162.18	
26 01 50 51-0288	EA	120 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-5039)	162.18	
26 01 50 51-0289	EA	120 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-6039)	162.18	
26 01 50 51-0290	EA	150 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-3039)	192.17	
26 01 50 51-0291	EA	150 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-4039)	192.17	
26 01 50 51-0292	EA	150 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-5039)	192.17	
26 01 50 51-0293	EA	150 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-6039)	192.17	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0294	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT40KMOG-G5)	67.98	
26 01 50 51-0295	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT50KMOG-G5)	67.98	
26 01 50 51-0296	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT40KMOG-G5)	78.69	
26 01 50 51-0297	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT50KMOG-G5)	77.71	
26 01 50 51-0298	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT40KMOG-G5)	86.55	
26 01 50 51-0299	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT50KMOG-G5)	85.71	
26 01 50 51-0300	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT40KMOG-G5)	87.62	
26 01 50 51-0301	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT50KMOG-G5)	85.13	
26 01 50 51-0302	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED100WPT40KMOG-G5)	182.22	
26 01 50 51-0303	EA	20 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/40KMOG-G7)	67.96	
26 01 50 51-0304	EA	20 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/50KMOG-G7)	67.96	
26 01 50 51-0305	EA	30 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/40KMOG-G7)	76.84	
26 01 50 51-0306	EA	30 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/50KMOG-G7)	76.84	
26 01 50 51-0307	EA	40 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/40KMOG-G7)	82.19	
26 01 50 51-0308	EA	40 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/50KMOG-G7)	82.19	
26 01 50 51-0309	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT40KMOG-G7)	53.64	
26 01 50 51-0310	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT50KMOG-G7)	53.64	
26 01 50 51-0311	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT40KMOG-G7)	60.33	
26 01 50 51-0312	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT50KMOG-G7)	60.33	
26 01 50 51-0313	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT40KMOG-G7)	64.72	
26 01 50 51-0314	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT50KMOG-G7)	64.72	
26 01 50 51-0315	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT40KMOG-G7)	71.32	
26 01 50 51-0316	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT50KMOG-G7)	71.32	
26 01 50 51-0317	EA	65 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-65W8-55K-E39)	126.92	
26 01 50 51-0318	EA	80 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-80W8-55K-E39)	146.49	
26 01 50 51-0319	EA	100 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-100W8-55K-E39)	174.33	
26 01 50 51-0320	EA	120 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-120W8-55K-E39)	338.31	
26 01 50 51-0321	EA	150 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-150W8-55K-E39)	319.58	
26 01 50 51-0322	EA	200 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-200W8-55K-E39)	338.31	
26 01 50 51-0323	EA	250 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-250W8-55K-E39)	339.77	
26 01 50 51-0324	EA	24 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M30-A)	53.31	
26 01 50 51-0325	EA	24 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M40-A)	53.31	
26 01 50 51-0326	EA	24 Watt, 5700K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M57-A)	53.31	
26 01 50 51-0327	EA	100 Watt, Mogul Base E39, LED Area Lamp (MaxLite AR100LED50)	154.97	
26 01 50 51-0328	EA	115 Watt, 4000K CCT, Mogul Base EX39, HID LED Lamp (Keystone KT-LED115HID-V-EX39-840-D)	392.94	
26 01 50 51-0329	EA	40 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Arc-Cob Lamp (HYLITE HL-AC-40W-E39-50K)	179.30	
26 01 50 51-0330	EA	100 Watt, 480 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-100W-E39-50K)	211.30	
26 01 50 51-0331	EA	45 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-45W-E39-50K)	92.94	
26 01 50 51-0332	EA	40 Watt, 5680 Lumens, Mogul Base E39, LED Directional Flood Lamp (HYLITE HL-IDL-40W-E39-50K)	274.47	

26 01 50 51-0333 LED Lamps, 2G11 Base *(26 01 50 51-0113)*

26 01 50 51-0334	EA	19 Watt, 1550 Lumens, 3500K CCT, 2G11 Base, Dimmable LED Lamp (Green Creative 14.5PLL/835/DIR)	46.31	

26 01 50 51-0335 LED Lamps, GX23 Or G23 Base *(26 01 50 51-0113)*

26 01 50 51-0336	EA	5 Watt, 580 Lumens, 2 Pin GX23 Base, Dimmable LED Lamp (Lunera HN-H-GX23-U-5W-840-G4)	22.90	

26 01 50 51-0337 LED Lamps, G24 Base *(26 01 50 51-0113)*

26 01 50 51-0338	EA	5.5 Watt, 500 Lumens, G24 Base, LED Lamp (Green Creative 5.5PLH/835/DIR/R)	29.68	

26 01 50 51-0339 LED Tubes (Fluorescent Lamp Replacement) *(26 01 50 51-0113)*

26 01 50 51-0340	EA	2', 1,250 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24IN-4000K)	40.68	
		For Multiple Lamps In Fixture, Deduct		*-3.20*
26 01 50 51-0341	EA	2', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24INU-4000K)	52.86	
		For Multiple Lamps In Fixture, Deduct		*-3.20*
26 01 50 51-0342	EA	3', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-36IN-4000K)	43.84	
		For Multiple Lamps In Fixture, Deduct		*-3.41*
26 01 50 51-0343	EA	4', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-48IN-4000K)	47.99	
		For Multiple Lamps In Fixture, Deduct		*-3.61*
26 01 50 51-0344	EA	4', 2,200 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2HO-T8-48IN-4000K)	52.56	
		For Multiple Lamps In Fixture, Deduct		*-3.61*
26 01 50 51-0345	EA	4', 2,539 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02018TBN)	33.13	
		For Multiple Lamps In Fixture, Deduct		*-3.61*
26 01 50 51-0346	EA	2', 1,348 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02010TBN)	31.91	
		For Multiple Lamps In Fixture, Deduct		*-3.20*
26 01 50 51-0347	EA	2', 1,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED9T8/L24/FG/835/BF)	29.08	
		For Multiple Lamps In Fixture, Deduct		*-3.20*
26 01 50 51-0348	EA	3', 1,650 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED12T8/L36/FG/835/BF)	29.61	
		For Multiple Lamps In Fixture, Deduct		*-3.41*
26 01 50 51-0349	EA	4', 1,700 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED14T8/L48/FG/835/BF)	29.61	
		For Multiple Lamps In Fixture, Deduct		*-3.61*
26 01 50 51-0350	EA	4', 2,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED17T8/L48/FG/835/BF)	30.69	
		For Multiple Lamps In Fixture, Deduct		*-3.61*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0351		**Filament LED Lamps** *(26 01 50 51-0113)*			
26 01 50 51-0352	EA	7.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 7.5FA19DIM/827)		17.28	
26 01 50 51-0353	EA	4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5A19DIM/827/R)		17.28	
26 01 50 51-0354	EA	4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5FA19DIM/827)		16.56	
26 01 50 51-0355	EA	4.5 Watt, 2400 CCT, Amber A19 Filament LED Lamp (Green Creative 4.5FA19DIM/824/A)		16.56	
26 01 50 51-0356	EA	4.5 Watt, 2700K CCT, Clear G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/827)		17.71	
26 01 50 51-0357	EA	4.5 Watt, 2400 CCT, Amber G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/824/A)		17.71	
26 01 50 51-0358	EA	3.5 Watt, 2700K CCT, Clear B10 Candle Filament LED Lamp (Green Creative 3.5FB10DIM/827)		15.14	
26 01 50 51-0359	EA	3.5 Watt, 2700K CCT, Clear B11 Candle Filament LED Lamp (Green Creative 3.5FB11DIM/827/E26)		15.14	
26 01 50 51-0360	EA	3.5 Watt, 2400 CCT, Amber B10 Candle Filament LED Lamp (Green Creative 3.5FBA10DIM/824/FT/A)		15.57	
26 01 50 51-0361	EA	3.5 Watt, 2400 CCT, Amber ST19 Filament LED Lamp (Green Creative 5FST19DIM/824/A)		18.71	
26 01 50 51-0362	EA	4.5 Watt, 120 Volt 450 Lumens ULTRA LED Filament Lamp (Sylvania 79521)		22.20	
26 01 50 51-0363		**Other Lamps** *(26 01 50 51-0113)*			
26 01 50 51-0364	EA	8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 8A19/END/2700 DIM 6/1)		16.45	
26 01 50 51-0365	EA	8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 7A19/2700 DIM)		16.45	
26 01 50 51-0366	EA	11 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 11A19/2700 DIM)		16.45	
26 01 50 51-0367	EA	12 Watt, Medium Base, Dimmable BR40 LED Lamp (Philips 12BR40/F90 2700 DIM AF 6/1)		17.16	
26 01 50 51-0368	EA	13 Watt, Medium Base, Dimmable PAR38 LED Single Optic Lamp (Philips 13PAR38/S15 4000 DIM AF SO 6/1)		17.16	
26 01 50 51-0369	EA	8 Watt, Medium Base, Dimmable PAR20 LED Lamp (Philips 8PAR20/END/F36 3000 DIM 6/1)		17.16	
26 01 50 51-0370		**LED Lamps, Light Engines, Round, LER Series** *(26 01 50 51-0113)*			
26 01 50 51-0371	EA	5.5" Diameter, 17 Watt, 3000K CCT, Round LED Light Engine (Maxlite LER5.5A1730)		53.61	
26 01 50 51-0372	EA	9 Watt, 120 Volt, 800 Lumens, 2700K, Omnidirectional Ultra LED A-line Lamp (Sylvania LED9A19/DIM/O/827/U)		31.03	
26 01 50 51-0373		**Recycle Hazardous Lamps** *(26 01 50 51)* Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 26 01 50 51-0001 for removal of lamps from fixtures.			
26 01 50 51-0374	EA	Recycle 2' Length Linear Fluorescent Lamps		0.45	
26 01 50 51-0375	EA	Recycle 3' Length Linear Fluorescent Lamps		0.67	
26 01 50 51-0376	EA	Recycle 4' Length Linear Fluorescent Lamps		0.90	
26 01 50 51-0377	EA	Recycle 6' Length Linear Fluorescent Lamps		1.35	
26 01 50 51-0378	EA	Recycle 8' Length Linear Fluorescent Lamps		1.80	
26 01 50 51-0379	EA	Recycle Compact Fluorescent Lamps		0.81	
26 01 50 51-0380	EA	Recycle U-Shaped Or Circular Fluorescent Lamps		0.81	
26 01 50 51-0381	EA	Recycle High Intensity Discharge (HID) Lamps		2.81	
26 01 50 52		**Ballasts Replacement** *(26 01 50)*			
26 01 50 52-0001		**Lighting Ballasts** *(26 01 50 52)* Note: Excludes recycling fees. See CSI section 02 84 16 00-0003 for ballast recycling.			
26 01 50 52-0002		**Fluorescent Ballasts** *(26 01 50 52-0001)*			
26 01 50 52-0003		**T5 Fluorescent Ballasts** *(26 01 50 52-0002)*			
26 01 50 52-0004		**T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0003)* Note: Includes 120/277 Volt and normal ballast factor.			
26 01 50 52-0005		**14 Watt, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0004)*			
26 01 50 52-0006	EA	1 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		120.86	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*		
		For High Ballast Factor, Add	*6.78*		
26 01 50 52-0007	EA	2 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		126.92	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*		
		For High Ballast Factor, Add	*6.78*		
26 01 50 52-0008		**21 Watt, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0004)*			
26 01 50 52-0009	EA	1 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		120.86	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*		
		For High Ballast Factor, Add	*6.78*		
26 01 50 52-0010	EA	2 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		126.92	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*		
		For High Ballast Factor, Add	*6.78*		
26 01 50 52-0011		**28 Watt, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0004)*			
26 01 50 52-0012	EA	1 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		120.86	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*		
		For High Ballast Factor, Add	*6.78*		
26 01 50 52-0013	EA	2 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast		126.92	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*		
		For High Ballast Factor, Add	*6.78*		
26 01 50 52-0014		**35 Watt, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0004)*			

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26 01 50 52-0015	EA	1 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	120.86	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0016	EA	2 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	126.92	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0017		**54 Watt, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0004)*		
26 01 50 52-0018	EA	1 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	120.72	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0019	EA	2 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	126.78	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0020	EA	3 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	173.41	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0021	EA	4 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	179.48	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0022		**High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0003)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0023		**12 Watt, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0022)*		
26 01 50 52-0024	EA	1 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	101.60	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0025	EA	2 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	107.66	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0026		**24 Watt, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0022)*		
26 01 50 52-0027	EA	1 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	132.39	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0028	EA	2 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	138.45	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0029		**39 Watt, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0022)*		
26 01 50 52-0030	EA	1 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	132.39	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0031	EA	2 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	138.45	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0032		**54 Watt, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0022)*		
26 01 50 52-0033	EA	1 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	101.60	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0034	EA	2 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	107.66	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0035		**Dimming, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0003)*		
26 01 50 52-0036		**Step Dimming, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0035)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0037		**28 Watt, Step Dimming, T5 Fluorescent Electronic Ballast** *(26 01 50 52-0036)*		
26 01 50 52-0038	EA	2 Lamp, 28 Watt, Programmed Start, Step Dimming, T5 Fluorescent Electronic Ballast	118.97	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0039		**Dimming To 5%, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0035)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0040		**54 Watt, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0039)*		
26 01 50 52-0041	EA	1 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	424.02	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0042	EA	2 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	418.44	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0043		**T8 Fluorescent Ballasts** *(26 01 50 52-0002)*		
26 01 50 52-0044		**T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0043)*		
		Note: Includes 120/277 Volt and low or normal ballast factor.		
26 01 50 52-0045		**17 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0046	EA	1 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	53.78	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
		For High Ballast Factor, Add	*16.49*	
26 01 50 52-0047	EA	1 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	93.47	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
		For High Ballast Factor, Add	*10.85*	
26 01 50 52-0048	EA	2 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	59.84	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
		For High Ballast Factor, Add	*16.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0049	EA	2 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	99.53	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
		For High Ballast Factor, Add	*10.85*	
26 01 50 52-0050	EA	3 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	72.89	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
		For High Ballast Factor, Add	*16.06*	
26 01 50 52-0051	EA	3 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	111.71	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
		For High Ballast Factor, Add	*9.22*	
26 01 50 52-0052	EA	4 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	83.49	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
		For High Ballast Factor, Add	*40.66*	
26 01 50 52-0053	EA	4 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	122.52	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
		For High Ballast Factor, Add	*23.73*	

26 01 50 52-0054 25 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0055	EA	1 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	53.78	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
		For High Ballast Factor, Add	*16.49*	
26 01 50 52-0056	EA	1 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	93.47	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
		For High Ballast Factor, Add	*10.85*	
26 01 50 52-0057	EA	2 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	59.84	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
		For High Ballast Factor, Add	*16.49*	
26 01 50 52-0058	EA	2 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	99.53	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
		For High Ballast Factor, Add	*10.85*	
26 01 50 52-0059	EA	3 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	72.89	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
		For High Ballast Factor, Add	*16.06*	
26 01 50 52-0060	EA	3 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	111.71	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
		For High Ballast Factor, Add	*9.22*	
26 01 50 52-0061	EA	4 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	83.49	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
		For High Ballast Factor, Add	*40.66*	
26 01 50 52-0062	EA	4 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	122.52	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
		For High Ballast Factor, Add	*23.73*	

26 01 50 52-0063 28 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0064	EA	1 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	53.78	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
		For High Ballast Factor, Add	*16.49*	
26 01 50 52-0065	EA	1 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	93.47	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
		For High Ballast Factor, Add	*10.85*	
26 01 50 52-0066	EA	2 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	59.84	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
		For High Ballast Factor, Add	*16.49*	
26 01 50 52-0067	EA	2 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	99.53	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
		For High Ballast Factor, Add	*10.85*	
26 01 50 52-0068	EA	3 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	72.89	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
		For High Ballast Factor, Add	*16.06*	
26 01 50 52-0069	EA	3 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	111.71	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
		For High Ballast Factor, Add	*9.22*	
26 01 50 52-0070	EA	4 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	83.49	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
		For High Ballast Factor, Add	*40.66*	
26 01 50 52-0071	EA	4 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	122.52	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
		For High Ballast Factor, Add	*23.73*	

26 01 50 52-0072 32 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0073	EA	1 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	53.78	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
		For High Ballast Factor, Add	*16.49*	
26 01 50 52-0074	EA	1 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	93.47	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
		For High Ballast Factor, Add	*10.85*	
26 01 50 52-0075	EA	2 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	59.84	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
		For High Ballast Factor, Add	*16.49*	
26 01 50 52-0076	EA	2 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	99.53	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
		For High Ballast Factor, Add	*10.85*	

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26 01 50 52-0077	EA	3 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	72.89	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
		For High Ballast Factor, Add	*16.06*	
26 01 50 52-0078	EA	3 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	111.71	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
		For High Ballast Factor, Add	*9.22*	
26 01 50 52-0079	EA	4 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	83.49	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
		For High Ballast Factor, Add	*40.66*	
26 01 50 52-0080	EA	4 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	122.52	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
		For High Ballast Factor, Add	*23.73*	

26 01 50 52-0081 40 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0082	EA	1 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	85.06	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
		For High Ballast Factor, Add	*7.05*	
26 01 50 52-0083	EA	1 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	93.47	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
		For High Ballast Factor, Add	*10.85*	
26 01 50 52-0084	EA	2 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	91.12	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
		For High Ballast Factor, Add	*7.05*	
26 01 50 52-0085	EA	2 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	99.53	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
		For High Ballast Factor, Add	*10.85*	
26 01 50 52-0086	EA	3 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	113.74	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
		For High Ballast Factor, Add	*4.34*	
26 01 50 52-0087	EA	3 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	111.71	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0088	EA	4 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	119.81	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
		For High Ballast Factor, Add	*4.34*	
26 01 50 52-0089	EA	4 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	122.52	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	

26 01 50 52-0090 96 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0091	EA	1 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	101.60	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
		For High Ballast Factor, Add	*15.11*	
26 01 50 52-0092	EA	2 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	107.66	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
		For High Ballast Factor, Add	*15.11*	

26 01 50 52-0093 High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0043)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0094 48 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*

26 01 50 52-0095	EA	1 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	122.89	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0096	EA	1 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	159.67	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0097	EA	2 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	128.95	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0098	EA	2 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	165.73	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	

26 01 50 52-0099 60 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*

26 01 50 52-0100	EA	1 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	122.89	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0101	EA	1 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	159.67	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0102	EA	2 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	128.95	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0103	EA	2 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	165.73	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	

26 01 50 52-0104 72 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*

26 01 50 52-0105	EA	1 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	122.89	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0106	EA	1 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	159.67	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0107	EA	2 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	128.95	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0108	EA	2 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	165.73	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0109		96 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*		
26 01 50 52-0110	EA	1 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	122.89	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0111	EA	1 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	159.67	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0112	EA	2 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	128.95	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0113	EA	2 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	165.73	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0114		Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0043)*		
26 01 50 52-0115		Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0114)*		
		Note: Includes 120/277 Volt and high ballast factor.		
26 01 50 52-0116		17 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*		
26 01 50 52-0117	EA	1 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	67.19	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0118	EA	2 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	73.25	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0119	EA	3 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	84.41	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0120	EA	4 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	101.78	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0121	EA	5 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	152.88	48.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0122	EA	6 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	158.96	54.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.40*	
26 01 50 52-0123		25 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*		
26 01 50 52-0124	EA	1 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	67.19	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0125	EA	2 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	73.25	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0126	EA	3 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	84.41	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0127	EA	4 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	101.78	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0128	EA	5 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	152.88	48.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0129	EA	6 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	158.96	54.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.40*	
26 01 50 52-0130		28 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*		
26 01 50 52-0131	EA	1 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	67.19	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0132	EA	2 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	73.25	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0133	EA	3 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	84.41	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0134	EA	4 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	101.78	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0135	EA	5 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	152.88	48.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0136	EA	6 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	158.96	54.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.40*	
26 01 50 52-0137		32 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*		
26 01 50 52-0138	EA	1 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	67.19	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0139	EA	2 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	73.25	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0140	EA	3 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	84.41	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0141	EA	4 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	101.78	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0142	EA	5 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	152.88	48.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0143	EA	6 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	158.96	54.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.40*	
26 01 50 52-0144		40 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*		
26 01 50 52-0145	EA	1 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	67.19	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	

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26 01 50 52-0146	EA	2 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	73.25	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0147	EA	3 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	84.41	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0148	EA	4 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	101.78	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0149	EA	5 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	152.88	48.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0150	EA	6 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	158.96	54.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.40*	

26 01 50 52-0151 Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0114)*

Note: Includes 120/277 Volt and high ballast factor.

26 01 50 52-0152 17 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0153	EA	1 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	67.19	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0154	EA	2 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	73.25	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0155	EA	3 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	82.15	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0156	EA	4 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	101.78	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0157	EA	5 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	145.67	48.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0158	EA	6 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	151.75	54.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.40*	

26 01 50 52-0159 25 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0160	EA	1 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	67.19	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0161	EA	2 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	73.25	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0162	EA	3 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	82.15	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0163	EA	4 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	101.78	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0164	EA	5 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	145.67	48.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0165	EA	6 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	151.75	54.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.40*	

26 01 50 52-0166 28 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0167	EA	1 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	67.19	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0168	EA	2 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	73.25	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0169	EA	3 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	82.15	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0170	EA	4 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	101.78	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0171	EA	5 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	145.67	48.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0172	EA	6 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	151.75	54.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.40*	

26 01 50 52-0173 32 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0174	EA	1 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	67.19	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0175	EA	2 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	73.25	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0176	EA	3 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	82.15	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0177	EA	4 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	101.78	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0178	EA	5 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	145.67	48.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0179	EA	6 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	151.75	54.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.40*	

26 01 50 52-0180 40 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0181	EA	1 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	67.19	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0182	EA	2 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	73.25	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0183	EA	3 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	82.15	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0184	EA	4 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	101.78	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0185	EA	5 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	145.67	48.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0186	EA	6 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	151.75	54.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.40*	
26 01 50 52-0187		**Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0114)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0188		**17 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0189	EA	1 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	151.10	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0190	EA	2 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	157.16	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0191	EA	3 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	187.79	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0192	EA	4 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	193.86	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0193		**25 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0194	EA	1 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	151.10	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0195	EA	2 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	157.16	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0196	EA	3 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	187.79	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0197	EA	4 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	193.86	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0198		**28 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0199	EA	1 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	151.10	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0200	EA	2 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	157.16	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0201	EA	3 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	187.79	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0202	EA	4 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	193.86	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0203		**32 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0204	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	151.10	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0205	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	157.16	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0206	EA	3 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	187.79	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0207	EA	4 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	193.86	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0208		**T10 Fluorescent Ballasts** *(26 01 50 52-0002)*		
26 01 50 52-0209		**T10 Fluorescent Electronic Ballasts** *(26 01 50 52-0208)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0210		**40 Watt, T10 Fluorescent Electronic Ballasts** *(26 01 50 52-0209)*		
26 01 50 52-0211	EA	1 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	75.56	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0212	EA	2 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	81.62	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0213	EA	3 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	100.04	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0214		**T12 Fluorescent Ballasts** *(26 01 50 52-0002)*		
26 01 50 52-0215		**T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0214)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0216		**25 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0217	EA	1 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	53.78	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0218	EA	1 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	75.56	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0219	EA	2 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	59.84	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0220	EA	2 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	81.62	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0221	EA	3 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	72.89	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0222	EA	4 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	83.49	42.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0223		**30 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0224	EA	1 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	75.56	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0225	EA	2 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	81.62	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0226	EA	3 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	100.04	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0227		**34 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0228	EA	1 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	75.56	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0229	EA	2 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	81.62	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0230	EA	3 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	100.04	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0231		**40 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0232	EA	1 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	75.56	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0233	EA	2 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	81.62	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0234	EA	3 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	100.04	36.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 01 50 52-0235		**96 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0236	EA	1 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	94.41	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0237	EA	2 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	107.66	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0238		**High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0214)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0239		**48 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0240	EA	1 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	123.30	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0241	EA	2 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	129.36	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0242		**60 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0243	EA	1 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	123.30	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0244	EA	2 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	129.36	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0245		**72 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0246	EA	1 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	123.30	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0247	EA	2 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	129.36	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0248		**96 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0249	EA	2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	123.30	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0250	EA	2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	129.36	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0251		**Emergency Fluorescent Ballasts** *(26 01 50 52-0002)*		
		Note: 120/277 Volt.		
26 01 50 52-0252	EA	350 To 450 Lumens, One Lamp, Code Compliance, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B100)	193.47	24.30
		For Factory Installation In New Fixtures, Deduct	*-48.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0253	EA	600 To 700 Lumens, Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B60)	318.54	30.36
		For Factory Installation In New Fixtures, Deduct	*-51.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0254	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50)	395.87	30.36
		For Factory Installation In New Fixtures, Deduct	*-51.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.31*	
26 01 50 52-0255	EA	600 To 700 Lumens, One Or Two Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine B70A)	292.69	30.36
		For Factory Installation In New Fixtures, Deduct	*-51.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.31*	
26 01 50 52-0256	EA	2,700 To 3,400 Lumens, Two Or Three Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B33)	1,373.87	36.44
		For Factory Installation In New Fixtures, Deduct	*-53.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.03*	
26 01 50 52-0257	EA	225 To 450 Lumens, One Lamp, Four Hour Illumination, Emergency Fluorescent Ballast (Bodine B54)	401.57	24.30
		For Factory Installation In New Fixtures, Deduct	*-48.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0258	EA	325 To 1,000 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B84CG)	673.24	30.36
		For Factory Installation In New Fixtures, Deduct	*-51.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.31*	
26 01 50 52-0259	EA	300 To 750 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B94CG)	370.40	30.36
		For Factory Installation In New Fixtures, Deduct	*-51.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.31*	
26 01 50 52-0260	EA	200 To 625 Lumens, One Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B413)	505.21	24.30
		For Factory Installation In New Fixtures, Deduct	*-48.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0261	EA	300 To 650 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B463)	391.69	24.30
		For Factory Installation In New Fixtures, Deduct	*-48.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0262	EA	450 To 950 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B426)	442.44	30.36
		For Factory Installation In New Fixtures, Deduct	*-51.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.31*	
26 01 50 52-0263	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Fluorescent Ballast (Bodine BDL500)	478.81	30.36
		For Factory Installation In New Fixtures, Deduct	*-51.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.31*	
26 01 50 52-0264	EA	600 To 700 Lumens, Two Lamp, Damp Location, Emergency Fluorescent Ballast (Bodine BDL600)	402.95	30.36
		For Factory Installation In New Fixtures, Deduct	*-51.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.31*	
26 01 50 52-0265	EA	600 To 700 Lumens, One Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine BDL700)	409.11	24.30
		For Factory Installation In New Fixtures, Deduct	*-48.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0266	EA	500 To 600 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine BDL900)	356.51	24.30
		For Factory Installation In New Fixtures, Deduct	*-48.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0267	EA	300 To 750 Lumens, One Or Two Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine BDL94C)	370.40	30.36
		For Factory Installation In New Fixtures, Deduct	*-51.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.31*	
26 01 50 52-0268	EA	450 Lumens, One Lamp, Low Profile, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine LP400)	362.18	24.30
		For Factory Installation In New Fixtures, Deduct	*-48.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0269	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50ST)	662.66	30.36
		For Factory Installation In New Fixtures, Deduct	*-51.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.31*	
26 01 50 52-0270	EA	1,800 To 3,500 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30ST)	828.57	30.36
		For Factory Installation In New Fixtures, Deduct	*-51.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.31*	
26 01 50 52-0271	EA	1,450 To 3,500 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30RCT)	1,550.28	30.36
		For Factory Installation In New Fixtures, Deduct	*-51.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.31*	
26 01 50 52-0272	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50RCT)	1,076.97	30.36
		For Factory Installation In New Fixtures, Deduct	*-51.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.31*	
26 01 50 52-0273	EA	1,100 To 3,100 Lumens, One Or Two Lamp, Central Battery, Emergency Fluorescent Ballast With Voltage Sensing Circuit (Bodine CB90-48)	547.79	30.36
		For Factory Installation In New Fixtures, Deduct	*-51.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.31*	
26 01 50 52-0274	EA	1,050 To 3,200 Lumens, One Lamp, Interim Lighting For Generator Backup, Five Minute Illumination, Emergency Fluorescent Ballast (Bodine GEN1)	710.07	24.30
		For Factory Installation In New Fixtures, Deduct	*-48.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0275	EA	250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250-SD)	3,971.87	30.36
		For Factory Installation In New Fixtures, Deduct	*-48.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	

26 01 50 52-0276 LED Emergency Ballasts *(26 01 50 52-0001)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0277		EA	Up To 520 Lumens, Ninety Minute Illumination, 120-277 Volt, 4 Watt Output, Emergency LED Driver (Bodine BSL4L)	139.61	24.30
			For Factory Installation In New Fixtures, Deduct	*-48.58*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0278		EA	Up To 780 Lumens, Ninety Minute Illumination, 120-277 Volt, 6 Watt Output, Emergency LED Driver (Bodine BSL6LST)	207.13	24.30
			For Factory Installation In New Fixtures, Deduct	*-48.58*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0279		EA	Up To 975 Lumens, Ninety Minute Illumination, 120-277 Volt, 7.5 Watt Output, Emergency LED Driver (Bodine BSL17C)	247.63	24.30
			For Factory Installation In New Fixtures, Deduct	*-48.58*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0280		EA	Up To 1,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 10 Watt Output, Emergency LED Driver (Bodine BSL310)	276.54	24.30
			For Factory Installation In New Fixtures, Deduct	*-48.58*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0281		EA	Up To 2,200 Lumens, Ninety Minute Illumination, 120-277 Volt, 18 Watt Output, Emergency LED Driver (Bodine BSL718)	283.85	24.30
			For Factory Installation In New Fixtures, Deduct	*-48.58*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0282		EA	Up To 2,600 Lumens, Ninety Minute Illumination, 120-277 Volt, 20 Watt Output, Emergency LED Driver (Bodine BSL20LV)	368.48	24.30
			For Factory Installation In New Fixtures, Deduct	*-48.58*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	
26 01 50 52-0283		EA	Up To 2,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 23 Watt LED Emergency Battery Backup (LiteTronics EB23UQ)	436.38	24.30
			For Factory Installation In New Fixtures, Deduct	*-48.58*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.57*	

26 01 50 52-0284 Compact Fluorescent Ballasts *(26 01 50 52-0001)*

26 01 50 52-0285 Compact Fluorescent Electronic Ballasts *(26 01 50 52-0284)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0286 18 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

26 01 50 52-0287		EA	1 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	114.35	24.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0288		EA	2 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	120.41	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	

26 01 50 52-0289 26 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

26 01 50 52-0290		EA	1 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	114.35	24.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0291		EA	2 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	120.41	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	

26 01 50 52-0292 32 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

26 01 50 52-0293		EA	1 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	141.61	24.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0294		EA	2 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	147.67	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	

26 01 50 52-0295 40 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

26 01 50 52-0296		EA	1 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	111.10	24.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0297		EA	1 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	141.61	24.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0298		EA	2 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	208.73	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0299		EA	2 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	147.67	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	
26 01 50 52-0300		EA	3 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	246.71	36.44
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	

26 01 50 52-0301 42 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

26 01 50 52-0302		EA	1 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	141.61	24.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0303		EA	2 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	147.67	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	

26 01 50 52-0304 55 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

26 01 50 52-0305		EA	1 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	141.61	24.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 01 50 52-0306		EA	2 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	147.67	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.11*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0307		Dimming, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0284)*			
26 01 50 52-0308		Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0307)* Note: Includes 120/277 Volt and normal ballast factor.			
26 01 50 52-0309		18 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*			
26 01 50 52-0310	EA	1 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast		211.32	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*7.29*	
26 01 50 52-0311	EA	2 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast		217.38	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*9.11*	
26 01 50 52-0312		26 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*			
26 01 50 52-0313	EA	1 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast		211.32	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*7.29*	
26 01 50 52-0314	EA	2 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast		217.38	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*9.11*	
26 01 50 52-0315		32 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*			
26 01 50 52-0316	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast		211.32	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*7.29*	
26 01 50 52-0317	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast		232.43	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*9.11*	
26 01 50 52-0318		40 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*			
26 01 50 52-0319	EA	2 Lamp, 40 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast		232.43	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*9.11*	
26 01 50 52-0320		42 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*			
26 01 50 52-0321	EA	1 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast		211.32	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*7.29*	
26 01 50 52-0322	EA	2 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast		232.43	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*9.11*	
26 01 50 52-0323		55 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*			
26 01 50 52-0324	EA	1 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast		337.44	24.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*7.29*	
26 01 50 52-0325	EA	2 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast		378.90	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*9.11*	
26 01 50 52-0326		High Intensity Discharge (HID) Ballasts *(26 01 50 52-0001)*			
26 01 50 52-0327		Magnetic High Intensity Discharge (HID) Ballasts *(26 01 50 52-0326)*			
26 01 50 52-0328		Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*			
26 01 50 52-0329		Metal Halide, Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0328)*			
26 01 50 52-0330	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		180.82	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.75*	
26 01 50 52-0331	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		185.30	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.75*	
26 01 50 52-0332	EA	1 Lamp, 250 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast		185.30	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.75*	
26 01 50 52-0333	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		172.56	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.75*	
26 01 50 52-0334	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast		172.56	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.75*	
26 01 50 52-0335	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		257.90	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.75*	
26 01 50 52-0336	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast		257.90	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.75*	
26 01 50 52-0337	EA	1 Lamp, 1,500 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		333.07	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.75*	
26 01 50 52-0338	EA	1 Lamp, 1,500 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast		371.41	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.75*	
26 01 50 52-0339		High Pressure Sodium, Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0328)*			
26 01 50 52-0340	EA	1 Lamp, 50 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		163.15	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.75*	
26 01 50 52-0341	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast		173.15	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0342	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	168.83	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0343	EA	1 Lamp, 150 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	198.89	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0344	EA	1 Lamp, 150 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	194.60	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0345	EA	1 Lamp, 250 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	222.49	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0346	EA	1 Lamp, 250 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	222.49	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0347	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	268.88	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0348	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	268.88	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0349	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	431.67	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0350	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	431.67	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0351		**Mounting Brackets For Core And Coil High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0328)*		
26 01 50 52-0352	EA	Single Mounting Bracket For Core And Coil Type	18.07	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.65*	
26 01 50 52-0353	EA	Double Mounting Bracket For Core And Coil Type	30.12	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.47*	
26 01 50 52-0354		**F-Can High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)*		
26 01 50 52-0355		**Metal Halide, F-Can High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0354)*		
26 01 50 52-0356	EA	1 Lamp, 70 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	230.09	30.36
		For Pulse Start Ballast, Add	*18.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0357	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	242.49	30.36
		For Pulse Start Ballast, Add	*20.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0358	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	220.69	30.36
		For Pulse Start Ballast, Add	*17.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0359	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	256.52	30.36
		For Pulse Start Ballast, Add	*21.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0360	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	356.92	30.36
		For Pulse Start Ballast, Add	*31.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0361		**High Pressure Sodium, F-Can High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0354)*		
26 01 50 52-0362	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	277.10	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0363	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	296.44	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0364		**Postline High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)*		
26 01 50 52-0365		**Metal Halide, Postline High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0364)*		
26 01 50 52-0366	EA	1 Lamp, 50 Watt Metal Halide, 120 Volt, Postline High Intensity Discharge (HID) Ballast	462.51	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0367		**High Pressure Sodium, Postline High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0364)*		
26 01 50 52-0368	EA	1 Lamp, 70 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	713.60	30.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.72*	
26 01 50 52-0369	EA	1 Lamp, 100 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	796.04	30.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.72*	
26 01 50 52-0370	EA	1 Lamp, 150 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	767.52	30.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.72*	
26 01 50 52-0371		**Indoor Enclosed High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)*		
26 01 50 52-0372		**Metal Halide, Indoor Enclosed High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0371)*		
26 01 50 52-0373	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	569.91	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0374	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	647.11	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0375	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	855.31	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0376	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	850.83	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0377		EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,192.75	32.79
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.48*	
26 01 50 52-0378		EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,192.75	32.79
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.48*	
26 01 50 52-0379		EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	820.20	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0380		EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	965.30	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0381			High Pressure Sodium, Indoor Enclosed High Intensity Discharge (HID) Ballasts *(26 01 50 52-0371)*		
26 01 50 52-0382		EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,065.08	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0383		EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,013.94	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0384		EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,303.89	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0385		EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,303.89	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0386			Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0387			Metal Halide, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0386)*		
26 01 50 52-0388		EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	640.65	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0389		EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	692.18	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0390		EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	687.10	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0391		EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	721.63	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0392		EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,147.73	32.79
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.48*	
26 01 50 52-0393		EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,411.34	32.79
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.48*	
26 01 50 52-0394		EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,071.08	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0395		EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	974.96	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0396			High Pressure Sodium, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0386)*		
26 01 50 52-0397		EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	827.63	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0398		EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	892.62	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0399		EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,333.89	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0400		EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,147.45	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0401			Electronic High Intensity Discharge (HID) Ballasts *(26 01 50 52-0326)*		
26 01 50 52-0402			Electronic Low Frequency High Intensity Discharge (HID) Ballasts *(26 01 50 52-0401)*		
26 01 50 52-0403		EA	1 Lamp, 70 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	254.80	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0404		EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	254.80	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0405		EA	1 Lamp, 150 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	287.37	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0406		EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	743.85	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0407		EA	1 Lamp, 300 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	743.85	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0408		EA	1 Lamp, 320 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	743.85	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0409		EA	1 Lamp, 350 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	743.85	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0410		EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	743.85	30.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.75*	
26 01 50 52-0411			Owner Supplied Ballasts *(26 01 50 52-0001)*		

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0412	EA	Install Owner Supplied, 1 Lamp Fluorescent Ballast		24.30	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*7.29*	
26 01 50 52-0413	EA	Install Owner Supplied, 2 Lamp Fluorescent Ballast		30.36	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*9.11*	
26 01 50 52-0414	EA	Install Owner Supplied, 3 Lamp Fluorescent Ballast		35.23	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*10.57*	
26 01 50 52-0415	EA	Install Owner Supplied, 4 Lamp Fluorescent Ballast		37.65	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*11.30*	
26 01 50 52-0416	EA	Install Owner Supplied, 1 Lamp High Intensity Discharge (HID) Ballast		42.51	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*12.75*	
26 01 50 52-0417	EA	Install Owner Supplied, 2 Lamp High Intensity Discharge (HID) Ballast		44.94	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*13.48*	

26 01 50 53 Lens and Accessory Replacement *(26 01 50)*

26 01 50 53-0001 Lens and Accessory Replacement *(26 01 50 53)*

26 01 50 53-0002	EA	Removal And Replacement Of Parabolic Aluminum Louver		84.63	
26 01 50 53-0003	EA	Removal And Replacement Of Visor For Fixtures		187.70	
26 01 50 53-0004	EA	Removal And Replacement Of Globe On Pole		211.38	
26 01 50 53-0005	EA	Removal And Replacement Of Lenses For Flat Top Pole Fixtures		89.36	
26 01 50 53-0006	EA	Removal And Replacement Of 1' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser		30.74	
26 01 50 53-0007	EA	Removal And Replacement Of 2' x 2' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser		31.79	
26 01 50 53-0008	EA	Removal And Replacement Of 2' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser		36.33	
26 01 50 53-0009	EA	Removal And Replacement Of Slide-On Lampholder		13.76	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*3.64*	
26 01 50 53-0010	EA	Removal And Replacement Of Screw Mount Lampholder		13.92	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*3.64*	
26 01 50 53-0011	EA	Removal And Replacement Of Medium Bi-Pin Lampholder		15.31	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*3.64*	
26 01 50 53-0012	EA	Removal And Replacement Of Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type		17.44	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*3.64*	
26 01 50 53-0013	EA	Removal And Replacement Of Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type		18.82	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*3.64*	
26 01 50 53-0014	EA	Removal And Replacement Of Compact Twin-Tube Lampholder, Snap-in		15.10	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*3.64*	
26 01 50 53-0015	EA	Removal And Replacement Of Exterior Light Globes		55.08	

26 01 50 54 Light Fixture Driver Replacement *(26 01 50)*

26 01 50 54-0001 Factory Replacement Of Light Fixture Driver *(26 01 50 54)*

26 01 50 54-0002	EA	Factory Replacement Of Existing Flight Fixture Transformers To 480 Volt Note: Includes shipping to manufacture, factory re-work, parts, return shipping.		1,243.07	

26 01 50 71 Historic Lighting Restoration *(26 01 50)*

26 01 50 71-0001 Historic Lighting Restoration *(26 01 50 71)*

26 01 50 71-0002	LS	Remove, Restore, And Reinstall Historic Decorative Light Fixtures Note: Remove, Restore, and Reinstall (9) Original Decorative Light fixtures per the "Secretary of the Interior's Standards for Rehabilitation" published in the most current edition of the United States National Park Service in "The Secretary of the Interior's Standards for the Treatment of Historic Properties." Include one (1) mock up, Re-sculpting of missing ornamental woodwork, cleaning, refinishing exterior woodwork, installing new wax paper finish on two lights and using salvaged light paper to repair (3) additional lights including faux finishing to match the original distressed paper patina finish, and re-lamp with new LED bulbs.		27,400.00	

26 01 50 81 Luminaire Replacement *(26 01 50)*

26 01 50 81-0001 Retrofit Lighting Fixtures *(26 01 50 81)*

26 01 50 81-0002 LED Lighting Retrofits For Existing Fixtures *(26 01 50 81-0001)*

26 01 50 81-0003 LED Lighting Retrofits For Existing Downlight Fixtures (GreenCreative) *(26 01 50 81-0002)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0373 for disposal of hazardous lamps.

26 01 50 81-0004	EA	7" Round Downlight, 15 Watt, 2700K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/927)		114.43	
26 01 50 81-0005	EA	7" Round Downlight, 15 Watt, 3000K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/930)		114.43	
26 01 50 81-0006	EA	7" Round Downlight, 15 Watt, 4000K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/940)		114.43	
26 01 50 81-0007	EA	4" Diameter, 8.5 Watt, 2700K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/827)		93.33	
26 01 50 81-0008	EA	4" Diameter, 8.5 Watt, 3000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/830)		93.33	
26 01 50 81-0009	EA	4" Diameter, 8.5 Watt, 4000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/840)		93.33	
26 01 50 81-0010	EA	6" Diameter, 11.6 Watt, 2700K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/827)		102.21	
26 01 50 81-0011	EA	6" Diameter, 11.6 Watt, 3000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/830)		102.21	
26 01 50 81-0012	EA	6" Diameter, 11.6 Watt, 4000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/840)		102.21	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0013		LED Lighting Retrofits For Existing Site Fixtures (Daylight Technology) *(26 01 50 81-0002)* Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0373 for disposal of hazardous lamps.			
26 01 50 81-0014	EA	2,300 Lumens, 23 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-20w)		339.80	
26 01 50 81-0015	EA	3,300 Lumens, 33 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-30w)		353.12	
26 01 50 81-0016	EA	4,400 Lumens, 44 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-40w)		366.45	
26 01 50 81-0017	EA	5,400 Lumens, 54 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-50w)		382.19	
26 01 50 81-0018	EA	6,500 Lumens, 65 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-60w)		421.06	
26 01 50 81-0019	EA	7,600 Lumens, 75 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-70w)		436.81	
26 01 50 81-0020	EA	8,600 Lumens, 86 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-80w)		473.46	
26 01 50 81-0021	EA	9,600 Lumens, 96 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-90w)		486.78	
26 01 50 81-0022	EA	10,700 Lumens, 107 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-100w)		502.52	
26 01 50 81-0023	EA	11,700 Lumens, 117 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-110w)		526.95	
26 01 50 81-0024	EA	12,800 Lumens, 128 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-120w)		552.69	
26 01 50 81-0025	EA	13,800 Lumens, 138 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-130w)		578.23	
26 01 50 81-0026	EA	14,900 Lumens, 149 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-140w)		591.56	
26 01 50 81-0027	EA	16,100 Lumens, 161 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-150w)		613.76	
26 01 50 81-0028	EA	17,200 Lumens, 172 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-160w)		639.60	
26 01 50 81-0029	EA	18,200 Lumens, 182 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-170w)		667.36	
26 01 50 81-0030	EA	19,300 Lumens, 193 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-180w)		709.56	
26 01 50 81-0031	EA	20,300 Lumens, 203 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-190w)		728.43	
26 01 50 81-0032	EA	21,400 Lumens, 214 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-200w)		760.84	
26 01 50 81-0033	EA	22,400 Lumens, 224 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-210w)		804.15	
26 01 50 81-0034	EA	23,500 Lumens, 235 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-220w)		826.36	
26 01 50 81-0035	EA	24,500 Lumens, 245 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-230w)		878.85	
26 01 50 81-0036	EA	25,600 Lumens, 256 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-240w)		927.70	
26 01 50 81-0037	EA	26,600 Lumens, 266 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-250w)		961.21	
26 01 50 81-0038	EA	27,700 Lumens, 277 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-260w)		1,008.96	
26 01 50 81-0039	EA	28,700 Lumens, 287 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-270w)		1,101.32	
26 01 50 81-0040	EA	29,800 Lumens, 298 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-280w)		1,112.43	
26 01 50 81-0041	EA	31,900 Lumens, 319 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-300w)		1,140.51	
26 01 50 81-0042		LED Lighting Retrofits For Existing Fixtures (Optilumen) *(26 01 50 81-0002)* Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0373 for disposal of hazardous lamps.			
26 01 50 81-0043	EA	20 Watt, 1 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT1418M-35) Note: Fits 1' x 4' Troffer/Strip		142.74	
26 01 50 81-0044	EA	20 Watt, 1 x 42", 4000L CCT, LED Retrofit Kit (Optilumen RKT1418M-40) Note: Fits 1' x 4' Troffer/Strip		142.74	
26 01 50 81-0045	EA	20 Watt, 1 x 42", 5000L CCT, LED Retrofit Kit (Optilumen RKT1418M-50) Note: Fits 1' x 4' Troffer/Strip		142.74	
26 01 50 81-0046	EA	30 Watt, 2 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT2415M-35) Note: Fits 2' x 4' Troffer/Strip		148.29	
26 01 50 81-0047	EA	2 x 42", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2415M-40) Note: Fits 2' x 4' Troffer/Strip		148.29	
26 01 50 81-0048	EA	2 x 42", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2415M-50) Note: Fits 2' x 4' Troffer/Strip		148.29	
26 01 50 81-0049	EA	2 x 42", 40 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT2418M-35) Note: Fits 2' x 4' Troffer/Strip		159.40	
26 01 50 81-0050	EA	2 x 42", 40 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2418M-40) Note: Fits 2' x 4' Troffer/Strip		159.40	
26 01 50 81-0051	EA	2 x 42", 40 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2418M-50) Note: Fits 2' x 4' Troffer/Strip		159.40	
26 01 50 81-0052	EA	3 x 42", 30 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3415M-35) Note: Fits 2' x 4' Troffer/Strip		148.29	
26 01 50 81-0053	EA	3 x 42", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3415M-40) Note: Fits 2' x 4' Troffer/Strip		148.29	
26 01 50 81-0054	EA	3 x 42", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3415M-50) Note: Fits 2' x 4' Troffer/Strip		148.29	
26 01 50 81-0055	EA	3 x 42", 40 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3418M-35) Note: Fits 2' x 4' Troffer/Strip		159.40	
26 01 50 81-0056	EA	3 x 42", 40 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3418M-40) Note: Fits 2' x 4' Troffer/Strip		159.40	
26 01 50 81-0057	EA	3 x 42", 40 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3418M-50) Note: Fits 2' x 4' Troffer/Strip		159.40	
26 01 50 81-0058	EA	3 x 42", 60 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3424M-35) Note: Fits 2' x 4' Troffer/Strip		181.60	
26 01 50 81-0059	EA	3 x 42", 60 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3424M-40) Note: Fits 2' x 4' Troffer/Strip		181.60	
26 01 50 81-0060	EA	3 x 42", 60 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3424M-50) Note: Fits 2' x 4' Troffer/Strip		181.60	
26 01 50 81-0061	EA	1 x 21", 10 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT1209M-35) Note: Fits 1' x 2' Troffer/Strip		142.74	
26 01 50 81-0062	EA	1 x 21", 10 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT1209M-40) Note: Fits 1' x 2' Troffer/Strip		142.74	
26 01 50 81-0063	EA	1 x 21", 10 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT1209M-50) Note: Fits 1' x 2' Troffer/Strip		142.74	
26 01 50 81-0064	EA	2 x 21", 22 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT2209M-35) Note: Fits 2' x 2' Troffer/Strip		142.74	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0065	EA	2 x 21", 22 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2209M-40) Note: Fits 2' x 2' Troffer/Strip	142.74	
26 01 50 81-0066	EA	2 x 21", 22 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2209M-50) Note: Fits 2' x 2' Troffer/Strip	142.74	
26 01 50 81-0067	EA	3 x 21", 20 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3209M-35) Note: Fits 2' x 2' Troffer/Strip	148.29	
26 01 50 81-0068	EA	3 x 21", 20 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3209M-40) Note: Fits 2' x 2' Troffer/Strip	148.29	
26 01 50 81-0069	EA	3 x 21", 20 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3209M-50) Note: Fits 2' x 2' Troffer/Strip	148.29	
26 01 50 81-0070	EA	3 x 21", 30 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3210M-35) Note: Fits 2' x 2' Troffer/Strip	154.95	
26 01 50 81-0071	EA	3 x 21", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3210M-40) Note: Fits 2' x 2' Troffer/Strip	154.95	
26 01 50 81-0072	EA	3 x 21", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3210M-50) Note: Fits 2' x 2' Troffer/Strip	154.95	
26 01 50 81-0073		**LED Lighting Retrofits For Existing Lay-In/Troffer Fixtures (LG)** *(26 01 50 81-0002)* Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0373 for disposal of hazardous lamps.		
26 01 50 81-0074	EA	34 Watt, 3500K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-35-4400-R(W)-SN)	327.29	
26 01 50 81-0075	EA	34 Watt, 4000K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-40-4500-R(W)-SN)	327.29	
26 01 50 81-0076	EA	26 Watt, 3500K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-35-3400-R(W)-SN)	295.09	
26 01 50 81-0077	EA	26 Watt, 4000K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-40-3400-R(W)-SN)	295.09	
26 01 50 81-0078	EA	25 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-35-3200-RV) Note: No sensor, ZigBee ready driver	145.57	
26 01 50 81-0079	EA	25 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-40-3200-RV) Note: No sensor, ZigBee ready driver	145.57	
26 01 50 81-0080	EA	31 Watt, 4,050 Lumens, 3500K CCT, Lay-In Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-35-3200-RV) Note: No sensor, ZigBee ready driver	166.67	
26 01 50 81-0081	EA	31 Watt, 4,050 Lumens, 4000K CCT, Lay-In Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-40-3200-RV) Note: No sensor, ZigBee ready driver	166.67	
26 01 50 81-0082	EA	25 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-35-3200-RV) Note: Factory installed sensor and ZigBee dongle	182.22	
26 01 50 81-0083	EA	25 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-40-3200-RV) Note: Factory installed sensor and ZigBee dongle	182.22	
26 01 50 81-0084	EA	31 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-35-3200-RV) Note: Factory installed sensor and ZigBee dongle	187.77	
26 01 50 81-0085	EA	31 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-40-3200-RV) Note: Factory installed sensor and ZigBee dongle	187.77	
26 01 50 81-0086	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 3500K CCT, Retrofit Board Kits (LG LGE-2BDK-25-35-3120) Note: No sensor, ZigBee ready driver	113.37	
26 01 50 81-0087	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 4000K CCT, Retrofit Board Kits (LG LGE-2BDK-25-40-3120) Note: No sensor, ZigBee ready driver	113.37	
26 01 50 81-0088	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 3500K CCT, Retrofit Board Kits (LG LGE-4BDK-31-35-3880) Note: No sensor, ZigBee ready driver	126.70	
26 01 50 81-0089	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 4000K CCT, Retrofit Board Kits (LG LGE-4BDK-31-40-3880) Note: No sensor, ZigBee ready driver	126.70	
26 01 50 81-0090	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 3500K CCT, With Lens Retrofit Board Kits (LG LGE-2BDK-25-35-3120-L) Note: No sensor, ZigBee ready driver	116.70	
26 01 50 81-0091	EA	2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 4000K CCT, With Lens Retrofit Board Kits (LG LGE-2BDK-25-40-3120-L) Note: No sensor, ZigBee ready driver	116.70	
26 01 50 81-0092	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 3500K CCT, With Lens Retrofit Board Kits (LG LGE-4BDK-31-35-3880-L) Note: No sensor, ZigBee ready driver	130.03	
26 01 50 81-0093	EA	2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 4000K CCT, With Lens Retrofit Board Kits (LG LGE-4BDK-31-40-3880-L) Note: No sensor, ZigBee ready driver	130.03	
26 01 50 81-0094	EA	6" Diameter, 16 Watt, 1,450 Lumens, 3500K CCT, Comm Retrofit Downlight (LG LGE-CRDL-16-35-1450) Note: No sensor, ZigBee ready driver	115.59	
26 01 50 81-0095	EA	6" Diameter, 16 Watt, 1,450 Lumens, 4000K CCT, Comm Retrofit Downlight (LG LGE-CRDL-16-40-1450) Note: No sensor, ZigBee ready driver	115.59	
26 01 50 81-0096	EA	8" Diameter, 22 Watt, 2,000 Lumens, 3500K CCT, Comm Retrofit Downlight (LG LGE-CRDL-22-35-2000) Note: No sensor, ZigBee ready driver	125.59	
26 01 50 81-0097	EA	8" Diameter, 22 Watt, 2,000 Lumens, 4000K CCT, Comm Retrofit Downlight (LG LGE-CRDL-22-40-2000) Note: No sensor, ZigBee ready driver	125.59	
26 01 50 81-0098		**LED Lighting Retrofit Accessories (LG)** *(26 01 50 81-0002)* See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0373 for disposal of hazardous lamps.		
26 01 50 81-0099	EA	Dongle (LG LGE-DONGLE)	24.17	
26 01 50 81-0100	EA	1-group On/Off/Dim, 2-Button, Wireless Switch (LG LGE-SWITCH-BAT-2B)	132.09	13.82
26 01 50 81-0101	EA	2-group On/Off/Dim, 4-Button, Wireless Switch (LG LGE-SWITCH-BAT-4B)	137.61	16.57
26 01 50 81-0102	EA	1-group On/Off/Dim, 2-Button, AC Powered Switch (LG LGE-SWITCH-AC-2B)	169.40	13.82
26 01 50 81-0103	EA	2-group On/Off/Dim, 4-Button, AC Powered Switch (LG LGE-SWITCH-AC-4B)	174.92	16.57
26 01 50 81-0104	EA	Photo, Motion Sensor With ZigBee Dongle plugin (LG LGE-MULTI-SENSOR)	87.39	11.05
26 01 50 81-0105	EA	Tube Clip For Multi Sensor (LG LGE-TUBE-CLIP)	29.79	11.05
26 01 50 81-0106	EA	Ceiling Plate For Multi Sensor (LG LGE-CEILING-PLATE)	31.97	11.05
26 01 50 81-0107	EA	Wireless Interface Module (LG PIHN-W005A) Note: includes dongle	82.58	16.57

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 01 50 81-0108 Retrofit Existing (T12) Fluorescent Fixtures *(26 01 50 81-0001)*

Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 02 84 16 00-0008 for leaking ballast disposal, 26 01 50 51-0373 for hazardous lamp recycling.

26 01 50 81-0109 Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector *(26 01 50 81-0108)*

Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 81-0110	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp	103.98	
		For Specular Ballast Cover, Add	*12.32*	
26 01 50 81-0111	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	110.43	
		For Specular Ballast Cover, Add	*13.61*	
26 01 50 81-0112	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	150.07	
		For Specular Ballast Cover, Add	*21.53*	
26 01 50 81-0113	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps	172.14	
		For Specular Ballast Cover, Add	*25.95*	

26 01 50 81-0114 Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector *(26 01 50 81-0108)*

Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 81-0115	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp	109.81	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0116	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	116.96	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0117	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	158.23	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0118	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps	201.24	
		For Specular Reflector, Add	*17.05*	

26 01 50 81-0119 Retrofit Existing (T12) Troffer Style Fluorescent Fixtures *(26 01 50 81-0108)*

Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 81-0120	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps	137.09	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0121	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	143.54	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0122	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps	146.25	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0123	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps	163.36	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0124	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps	197.79	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0125	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	150.53	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0126	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps	165.12	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0127	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps	177.26	
		For Specular Reflector, Add	*17.05*	

26 01 50 81-0128 Retrofit Existing Recessed Lay-In/Troffer Fixtures *(26 01 50 81-0001)*

26 01 50 81-0129 Fluorescent Volumetric Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Lithonia) *(26 01 50 81-0128)*

Note: Includes removing existing lamps and ballast. Includes installing adaptor frame, volumetric reflectors, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0373 for disposal of hazardous lamps.

26 01 50 81-0130	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	164.20
26 01 50 81-0131	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	164.20
26 01 50 81-0132	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	164.20
26 01 50 81-0133	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	178.02
26 01 50 81-0134	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	164.20
26 01 50 81-0135	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	164.20
26 01 50 81-0136	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	164.20
26 01 50 81-0137	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	178.02
26 01 50 81-0138	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	165.27
26 01 50 81-0139	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	165.27
26 01 50 81-0140	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	165.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0141	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	179.09	
26 01 50 81-0142	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	165.27	
26 01 50 81-0143	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	165.27	
26 01 50 81-0144	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	165.27	
26 01 50 81-0145	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	179.09	

26 01 50 81-0146 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (PlanLED) *(26 01 50 81-0128)*

Note: Includes adaptor frame, optical system, LEDs and driver. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0373 for disposal of hazardous lamps.

26 01 50 81-0147	EA	2,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-025)	223.76	
26 01 50 81-0148	EA	4,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-045)	233.16	

26 01 50 81-0149 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Raffino™) *(26 01 50 81-0128)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0373 for disposal of hazardous lamps.

26 01 50 81-0150	EA	1,800 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-1800L)	338.82	
26 01 50 81-0151	EA	2,600 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-2700L)	346.94	
26 01 50 81-0152	EA	2,200 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-2200L)	338.82	
26 01 50 81-0153	EA	3,300 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-3300L)	346.94	
26 01 50 81-0154	EA	3,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-3000L)	387.55	
26 01 50 81-0155	EA	4,150 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-4000L)	399.74	
26 01 50 81-0156	EA	5,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-5000L)	428.17	

26 01 50 81-0157 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Orion) *(26 01 50 81-0128)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0373 for disposal of hazardous lamps.

26 01 50 81-0158	EA	3,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-030L-FO-UNV-FDX-840-22-1P-CT-M-ST)	313.96	
26 01 50 81-0159	EA	3,500 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-035L-FO-UNV-FDX-840-22-1P-CT-M-ST)	325.29	
26 01 50 81-0160	EA	3,200 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-032L-FO-UNV-FDX-840-24-1P-CT-M-ST)	328.68	
26 01 50 81-0161	EA	3,800 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-038L-FO-UNV-FDX-840-24-1P-CT-M-ST)	340.02	
26 01 50 81-0162	EA	2,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1A1UNVFDSX84022MST)	237.49	
26 01 50 81-0163	EA	4,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1B1UNVFDSX84022MST)	242.87	
26 01 50 81-0164	EA	3,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1D1UNVFDSX84024MST)	251.48	
26 01 50 81-0165	EA	4,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1E1UNVFDSX84024MST)	256.86	
26 01 50 81-0166	EA	6,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1F1UNVFDSX84024MST)	317.13	
26 01 50 81-0167	EA	8,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (ORION LDRE1G1UNVFDSX84024MST)	377.40	

26 01 50 81-0168 Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) *(26 01 50 81-0128)*

Note: Includes adaptor frame, optical system, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0373 for disposal of hazardous lamps.

26 01 50 81-0169	EA	1 T5 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	284.47	
26 01 50 81-0170	EA	1 T8 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	210.89	
26 01 50 81-0171	EA	2 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	292.55	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0172	EA	2 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	218.95	
26 01 50 81-0173	EA	3 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	306.74	
26 01 50 81-0174	EA	3 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	239.07	
26 01 50 81-0175	EA	1 T5 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	335.15	
26 01 50 81-0176	EA	1 T8 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	261.40	
26 01 50 81-0177	EA	2 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	342.67	
26 01 50 81-0178	EA	2 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	269.06	
26 01 50 81-0179	EA	3 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	356.62	
26 01 50 81-0180	EA	3 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	289.03	
26 01 50 81-0181		LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT) *(26 01 50 81-0128)*		
		Note: Includes removing existing lamps and ballast. Includes installing LED light engine assembly, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0373 for disposal of hazardous lamps.		
26 01 50 81-0182	EA	3,300 Lumens, 2' x 2', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT)	624.45	
26 01 50 81-0183	EA	4,800 Lumens, 2' x 4', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL4R/RT)	693.71	
26 01 50 81-0184		Retrofit Existing Fixtures With Emergency Battery Pack *(26 01 50 81-0001)*		
26 01 50 81-0185	EA	90 minute, 10 Watt, 50 VDC, Emergency Battery Pack for 2x4 LED Lighting Fixture (AcuityBrands Power Sentry® PS1050 FIK)	494.15	
26 01 50 81-0186	EA	90 minute, 10 Watt, 50 VDC, Emergency Battery Pack for 2x4 LED Lighting Fixture (AcuityBrands Power Sentry® PS1055LCP M5)	533.71	
26 01 50 81-0187		Retrofit Existing HID Fixtures *(26 01 50 81-0001)*		
26 01 50 81-0188	EA	Tear Drop LED Retrofit Kit (Holophane LTDRL2 P35S 40K AS BK TDRD 3 P)	1,415.32	
26 01 50 81-0189		LED Lighting Retrofits For Existing Fluorescent Fixtures *(26 01 50 81-0001)*		
		Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 26 01 50 51-0373 for disposal of hazardous lamps.		
26 01 50 81-0190		LED Lightbar Retrofit For Existing Fluorescent Fixtures (Lithonia) *(26 01 50 81-0189)*		
26 01 50 81-0191	EA	2' Length, 2 Bar, 2,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 2 2000LMHE 80CRI 35K MIN10 GZT MVOLT)	122.54	
		For >25 To 50, Deduct	*-6.13*	
		For >50 To 100, Deduct	*-10.55*	
		For >100, Deduct	*-17.71*	
26 01 50 81-0192	EA	2' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 4 8000LMHE 80CRI MIN10 GZT MVOLT)	180.85	
		For >25 To 50, Deduct	*-9.04*	
		For >50 To 100, Deduct	*-14.93*	
		For >100, Deduct	*-23.54*	
26 01 50 81-0193	EA	3' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	133.49	
		For >25 To 50, Deduct	*-6.67*	
		For >50 To 100, Deduct	*-11.45*	
		For >100, Deduct	*-19.10*	
26 01 50 81-0194	EA	3' Length, 1 Bar, 1,600 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 1 1600LMHE 80CRI 35K MIN10 GZT MVOLT)	122.11	
		For >25 To 50, Deduct	*-6.11*	
		For >50 To 100, Deduct	*-10.60*	
		For >100, Deduct	*-17.97*	
26 01 50 81-0195	EA	4' Length, 2 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 6000LMHE 80CRI 35K MIN10 GZT MVOLT)	161.63	
		For >25 To 50, Deduct	*-8.08*	
		For >50 To 100, Deduct	*-13.64*	
		For >100, Deduct	*-22.22*	
26 01 50 81-0196	EA	4' Length, 4 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 6000LMHE 80CRI 35K MIN10 GZT MVOLT)	212.16	
		For >25 To 50, Deduct	*-10.61*	
		For >50 To 100, Deduct	*-17.43*	
		For >100, Deduct	*-27.27*	
26 01 50 81-0197	EA	4' Length, 1 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 3000LMHE 80CRI 35K MIN10 GZT MVOLT)	132.15	
		For >25 To 50, Deduct	*-6.61*	
		For >50 To 100, Deduct	*-11.43*	
		For >100, Deduct	*-19.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0198	EA	4' Length, 1 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	132.15	
		For >25 To 50, Deduct	*-6.61*	
		For >50 To 100, Deduct	*-11.43*	
		For >100, Deduct	*-19.27*	
26 01 50 81-0199	EA	4' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 8000LMHE 80CRI 35K MIN10 GZT MVOLT)	171.74	
		For >25 To 50, Deduct	*-8.59*	
		For >50 To 100, Deduct	*-14.39*	
		For >100, Deduct	*-23.23*	
26 01 50 81-0200	EA	4' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	144.78	
		For >25 To 50, Deduct	*-7.24*	
		For >50 To 100, Deduct	*-12.37*	
		For >100, Deduct	*-20.54*	
26 01 50 81-0201	EA	4' Length, 2 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 3000LMHE 80CRI 35K MIN10 GZT MVOLT)	144.78	
		For >25 To 50, Deduct	*-7.24*	
		For >50 To 100, Deduct	*-12.37*	
		For >100, Deduct	*-20.54*	

26 01 50 81-0202 LED Retrofit For Existing Fluorescent Fixtures (Lithonia) *(26 01 50 81-0189)*

26 01 50 81-0203	EA	1'x 4', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)	299.38	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*201.54*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*131.01*	
		For >25 To 50, Deduct	*-14.97*	
		For >50 To 100, Deduct	*-23.97*	
		For >100, Deduct	*-36.00*	
26 01 50 81-0204	EA	1'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2)	323.28	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*201.54*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*131.01*	
		For >25 To 50, Deduct	*-16.16*	
		For >50 To 100, Deduct	*-25.76*	
		For >100, Deduct	*-38.39*	
26 01 50 81-0205	EA	2'x 2', 3,300 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R 33LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)	341.15	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*201.54*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*131.01*	
		For >25 To 50, Deduct	*-17.06*	
		For >50 To 100, Deduct	*-27.10*	
		For >100, Deduct	*-40.17*	
26 01 50 81-0206	EA	2'x 2', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)	369.06	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*201.54*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*131.01*	
		For >25 To 50, Deduct	*-18.45*	
		For >50 To 100, Deduct	*-29.19*	
		For >100, Deduct	*-42.96*	
26 01 50 81-0207	EA	2'x 4', 4,000 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 40LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO)	394.93	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*201.54*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*131.01*	
		For >25 To 50, Deduct	*-19.75*	
		For >50 To 100, Deduct	*-31.44*	
		For >100, Deduct	*-46.76*	
26 01 50 81-0208	EA	2'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO)	427.35	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*201.54*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*131.01*	
		For >25 To 50, Deduct	*-21.37*	
		For >50 To 100, Deduct	*-33.87*	
		For >100, Deduct	*-50.00*	

26 01 50 81-0209 LED Lighting Retrofits For Existing Fluorescent Fixtures (ELED Lights) *(26 01 50 81-0189)*

Note: Includes removal of existing fluorescent lamps, installing LED strip lighting and trim. Excludes recycling or disposal of lamps. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0373 for disposal of hazardous lamps.

26 01 50 81-0210	EA	2' Dimmable, 20 Watts, 2900 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W40)	103.68	
		Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-5.18*	
		For >50 To 100, Deduct	*-9.14*	
		For >100, Deduct	*-15.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0211	EA	2' Dimmable, 20 Watts, 2900 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W50)	103.68	
		Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-5.18*	
		For >50 To 100, Deduct	*-9.14*	
		For >100, Deduct	*-15.82*	
26 01 50 81-0212	EA	4' Dimmable, 32 Watts, 5000 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W40)	136.07	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.80*	
		For >50 To 100, Deduct	*-11.72*	
		For >100, Deduct	*-19.66*	
26 01 50 81-0213	EA	4' Dimmable, 32 Watts, 5000 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W50)	136.07	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.80*	
		For >50 To 100, Deduct	*-11.72*	
		For >100, Deduct	*-19.66*	
26 01 50 81-0214	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30)	136.18	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.81*	
		For >50 To 100, Deduct	*-11.73*	
		For >100, Deduct	*-19.68*	
26 01 50 81-0215	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30F)	148.29	
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.41*	
		For >50 To 100, Deduct	*-12.64*	
		For >100, Deduct	*-20.89*	
26 01 50 81-0216	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35)	136.18	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.81*	
		For >50 To 100, Deduct	*-11.73*	
		For >100, Deduct	*-19.68*	
26 01 50 81-0217	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35F)	148.29	
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.41*	
		For >50 To 100, Deduct	*-12.64*	
		For >100, Deduct	*-20.89*	
26 01 50 81-0218	EA	4' Dimmable, 35 Watts, 5500 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40)	136.18	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.81*	
		For >50 To 100, Deduct	*-11.73*	
		For >100, Deduct	*-19.68*	
26 01 50 81-0219	EA	4' Dimmable, 35 Watts, 5500 Lumens, 4000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40F)	148.29	
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.41*	
		For >50 To 100, Deduct	*-12.64*	
		For >100, Deduct	*-20.89*	
26 01 50 81-0220	EA	4' Dimmable, 35 Watts, 5500 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50)	136.18	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.81*	
		For >50 To 100, Deduct	*-11.73*	
		For >100, Deduct	*-19.68*	
26 01 50 81-0221	EA	4' Dimmable, 35 Watts, 5500 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50F)	148.29	
		Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.41*	
		For >50 To 100, Deduct	*-12.64*	
		For >100, Deduct	*-20.89*	
26 01 50 81-0222	EA	4' Dimmable, 46 Watts, 6800 Lumens, 5000K, Ultra High Lumen Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD46W50)	148.18	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-7.41*	
		For >50 To 100, Deduct	*-12.63*	
		For >100, Deduct	*-20.88*	
26 01 50 81-0223	EA	4' Dimmable, 31 Watts, 5730 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40)	174.10	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-8.71*	
		For >50 To 100, Deduct	*-14.57*	
		For >100, Deduct	*-23.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0224	EA	4' Dimmable, 31 Watts, 5730 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F) Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	189.23	
		For >25 To 50, Deduct	*-9.46*	
		For >50 To 100, Deduct	*-15.71*	
		For >100, Deduct	*-24.98*	
26 01 50 81-0225	EA	4' Dimmable, 31 Watts, 5730 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50) Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	174.10	
		For >25 To 50, Deduct	*-8.71*	
		For >50 To 100, Deduct	*-14.57*	
		For >100, Deduct	*-23.47*	
26 01 50 81-0226	EA	4' Dimmable, 31 Watts, 5730 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F) Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	189.23	
		For >25 To 50, Deduct	*-9.46*	
		For >50 To 100, Deduct	*-15.71*	
		For >100, Deduct	*-24.98*	
26 01 50 81-0227	EA	20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS BLD-AM20D-480800) Note: 90-minute emergency battery with DIP switch-selectable power output of 10 Watts, 15 Watts, or 20 Watts	186.20	
		For >25 To 50, Deduct	*-9.31*	
		For >50 To 100, Deduct	*-14.27*	
		For >100, Deduct	*-19.83*	
26 01 50 81-0228	EA	20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS EM-HM-20W) Note: 90-minute emergency battery with power output of 20 Watts	170.88	
		For >25 To 50, Deduct	*-8.54*	
		For >50 To 100, Deduct	*-13.12*	
		For >100, Deduct	*-18.30*	
26 01 50 81-0229	EA	8' Dimmable, 46 Watts, 7400 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD46W50) Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	176.96	
		For >25 To 50, Deduct	*-8.85*	
		For >50 To 100, Deduct	*-15.24*	
		For >100, Deduct	*-25.57*	
26 01 50 81-0230	EA	8' Dimmable, 49 Watts, 6680 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD49W50F) Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	184.53	
		For >25 To 50, Deduct	*-9.23*	
		For >50 To 100, Deduct	*-15.81*	
		For >100, Deduct	*-26.33*	
26 01 50 81-0231	EA	8' Dimmable, 64 Watts, 11850 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40) Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	258.88	
		For >25 To 50, Deduct	*-12.94*	
		For >50 To 100, Deduct	*-21.38*	
		For >100, Deduct	*-33.76*	
26 01 50 81-0232	EA	8' Dimmable, 64 Watts, 11850 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F) Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	289.15	
		For >25 To 50, Deduct	*-14.46*	
		For >50 To 100, Deduct	*-23.66*	
		For >100, Deduct	*-36.79*	
26 01 50 81-0233	EA	8' Dimmable, 64 Watts, 11850 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50) Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	258.88	
		For >25 To 50, Deduct	*-12.94*	
		For >50 To 100, Deduct	*-21.38*	
		For >100, Deduct	*-33.76*	
26 01 50 81-0234	EA	8' Dimmable, 64 Watts, 11850 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F) Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	289.15	
		For >25 To 50, Deduct	*-14.46*	
		For >50 To 100, Deduct	*-23.66*	
		For >100, Deduct	*-36.79*	

26 05 Common Work Results for Electrical *(26)*

26 05 13 Medium-Voltage Cables *(26 05)*

26 05 13 16 Medium-Voltage, Single-and Multi-Conductor Cables *(26 05 13)*

26 05 13 16-0001 Wire And Cable *(26 05 13 16)*

Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.

26 05 13 16-0002 5 KV Cable *(26 05 13 16-0001)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0003		**Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct** *(26 05 13 16-0002)*		
26 05 13 16-0004	MLF	#6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	3,683.92	949.15
26 05 13 16-0005	MLF	#4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	4,363.45	1,036.38
26 05 13 16-0006	MLF	#2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	5,209.84	1,170.95
26 05 13 16-0007	MLF	1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	6,763.13	1,442.66
26 05 13 16-0008	MLF	2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	7,703.63	1,624.57
26 05 13 16-0009	MLF	3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	9,461.59	1,803.22
26 05 13 16-0010	MLF	4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	10,650.10	2,026.11
26 05 13 16-0011	MLF	250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	12,647.71	2,254.13
26 05 13 16-0012	MLF	350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	14,741.50	2,691.37
26 05 13 16-0013	MLF	500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	18,592.92	3,163.65
26 05 13 16-0014	MLF	750 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	27,736.18	3,728.70
26 05 13 16-0015	MLF	1,000 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	36,885.39	4,293.49
26 05 13 16-0016		**Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial** *(26 05 13 16-0002)* Note: Excludes excavation.		
26 05 13 16-0017	MLF	#6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	3,565.28	
26 05 13 16-0018	MLF	#4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	4,026.63	
26 05 13 16-0019	MLF	#2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	4,536.55	
26 05 13 16-0020	MLF	1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	5,633.61	
26 05 13 16-0021	MLF	2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,119.25	
26 05 13 16-0022	MLF	3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,652.93	
26 05 13 16-0023	MLF	4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,284.24	
26 05 13 16-0024	MLF	250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,939.88	
26 05 13 16-0025	MLF	350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	11,058.96	
26 05 13 16-0026	MLF	500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	13,836.41	
26 05 13 16-0027		**Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial)** *(26 05 13 16-0002)*		
26 05 13 16-0028	MLF	#6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	2,878.46	595.45
26 05 13 16-0029	MLF	#4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	3,453.26	638.44
26 05 13 16-0030	MLF	#2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	4,407.56	807.37
26 05 13 16-0031	MLF	1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	5,736.45	980.13
26 05 13 16-0032	MLF	2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,670.75	1,150.58
26 05 13 16-0033	MLF	3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	8,416.98	1,315.81
26 05 13 16-0034	MLF	4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	9,603.37	1,526.71
26 05 13 16-0035	MLF	250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	12,068.19	1,920.70
26 05 13 16-0036	MLF	350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	14,409.90	2,430.29
26 05 13 16-0037	MLF	500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	18,721.11	3,053.42
26 05 13 16-0038		**5 KV Non-Shielded Single Copper Conductor** *(26 05 13 16-0002)*		
26 05 13 16-0039	MLF	1/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	8,006.00	1,891.54
26 05 13 16-0040	MLF	2/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	9,221.04	1,918.72
26 05 13 16-0041	MLF	3/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	10,436.08	1,945.90
26 05 13 16-0042	MLF	4/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	10,871.11	1,988.91
26 05 13 16-0043	MLF	350 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	13,004.13	2,064.78
26 05 13 16-0044	MLF	500 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	18,518.40	2,163.92
26 05 13 16-0045	MLF	750 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	28,609.92	2,704.90
26 05 13 16-0046	MLF	1,000 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	33,048.76	3,606.57
26 05 13 16-0047		**Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct** *(26 05 13 16-0002)*		
26 05 13 16-0048	MLF	#6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	3,919.94	949.15
26 05 13 16-0049	MLF	#4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	4,682.51	1,036.38
26 05 13 16-0050	MLF	#2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	5,620.68	1,170.95
26 05 13 16-0051	MLF	#1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	6,475.82	1,306.74
26 05 13 16-0052	MLF	1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	7,331.32	1,442.66
26 05 13 16-0053	MLF	2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	8,359.23	1,624.57
26 05 13 16-0054	MLF	3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	10,353.21	1,803.22
26 05 13 16-0055	MLF	4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	11,655.36	2,026.11
26 05 13 16-0056	MLF	250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	13,909.96	2,254.13
26 05 13 16-0057	MLF	350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	16,183.82	2,691.37
26 05 13 16-0058	MLF	500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	20,516.01	3,163.65
26 05 13 16-0059	MLF	750 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	31,051.39	3,728.70
26 05 13 16-0060	MLF	1,000 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	41,592.68	4,293.49
26 05 13 16-0061		**Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial** *(26 05 13 16-0002)* Note: Excludes excavation.		
26 05 13 16-0062	MLF	#6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	3,801.29	
26 05 13 16-0063	MLF	#4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	4,345.69	

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SAN BERNARDINO COUNTY

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 13 16-0064	MLF	#2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	4,947.39	
	26 05 13 16-0065	MLF	#1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	5,575.11	
	26 05 13 16-0066	MLF	1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,201.80	
	26 05 13 16-0067	MLF	2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,774.85	
	26 05 13 16-0068	MLF	3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,544.54	
	26 05 13 16-0069	MLF	4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,289.50	
	26 05 13 16-0070	MLF	250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	11,202.13	
	26 05 13 16-0071	MLF	350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	12,501.28	
	26 05 13 16-0072	MLF	500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	15,759.51	
	26 05 13 16-0073		Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial) *(26 05 13 16-0002)*		
	26 05 13 16-0074	MLF	#6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	3,114.48	595.45
	26 05 13 16-0075	MLF	#4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	3,772.32	638.44
	26 05 13 16-0076	MLF	#2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	4,818.40	807.37
	26 05 13 16-0077	MLF	#1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	5,559.92	893.12
	26 05 13 16-0078	MLF	1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,304.64	980.13
	26 05 13 16-0079	MLF	2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	7,326.35	1,150.58
	26 05 13 16-0080	MLF	3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	9,308.60	1,315.81
	26 05 13 16-0081	MLF	4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	10,608.63	1,526.71
	26 05 13 16-0082	MLF	250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	13,330.44	1,920.70
	26 05 13 16-0083	MLF	350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	15,852.22	2,430.29
	26 05 13 16-0084	MLF	500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	20,644.20	3,053.42
	26 05 13 16-0085		15 KV Cable *(26 05 13 16-0001)*		
	26 05 13 16-0086		Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 16-0085)*		
	26 05 13 16-0087		Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct *(26 05 13 16-0086)*		
	26 05 13 16-0088	MLF	#4 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	7,973.44	1,891.54
	26 05 13 16-0089	MLF	#2 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	8,633.49	1,891.54
	26 05 13 16-0090	MLF	#1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	8,885.25	1,891.54
	26 05 13 16-0091	MLF	1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	9,705.42	1,891.54
	26 05 13 16-0092	MLF	2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	10,483.87	1,891.54
	26 05 13 16-0093	MLF	3/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	11,997.66	1,974.44
	26 05 13 16-0094	MLF	4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	12,303.48	1,974.44
	26 05 13 16-0095	MLF	250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	14,197.68	2,064.78
	26 05 13 16-0096	MLF	350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	16,111.90	2,113.21
	26 05 13 16-0097	MLF	500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	19,879.60	2,380.31
	26 05 13 16-0098		Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial *(26 05 13 16-0086)* Note: Excludes excavation.		
	26 05 13 16-0099	MLF	#1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,850.54	
	26 05 13 16-0100	MLF	1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,670.69	
	26 05 13 16-0101	MLF	2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,449.15	
	26 05 13 16-0102	MLF	3/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,989.10	
	26 05 13 16-0103	MLF	4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	10,294.91	
	26 05 13 16-0104	MLF	250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	12,300.99	
	26 05 13 16-0105	MLF	350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	14,218.49	
	26 05 13 16-0106	MLF	500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	17,715.69	
	26 05 13 16-0107		Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) *(26 05 13 16-0086)*		
	26 05 13 16-0108	MLF	#1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,395.36	850.63
	26 05 13 16-0109	MLF	1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	7,556.42	980.13
	26 05 13 16-0110	MLF	2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	8,783.55	1,150.58
	26 05 13 16-0111	MLF	3/0 AWG, XLP, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	10,525.28	1,315.81
	26 05 13 16-0112	MLF	4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	11,386.16	1,526.71
	26 05 13 16-0113	MLF	250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	13,714.07	1,777.29
	26 05 13 16-0114	MLF	350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	16,280.25	2,071.00
	26 05 13 16-0115	MLF	500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	20,261.21	2,405.66
	26 05 13 16-0116		Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 16-0085)*		
	26 05 13 16-0117		Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct *(26 05 13 16-0116)*		
	26 05 13 16-0118	MLF	#4 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	8,557.47	1,891.54
	26 05 13 16-0119	MLF	#2 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	9,336.32	1,891.54
	26 05 13 16-0120	MLF	#1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	9,633.41	1,891.54

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0121	MLF	1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	10,601.20	1,891.54
26 05 13 16-0122	MLF	2/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	11,519.77	1,891.54
26 05 13 16-0123	MLF	3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	13,268.77	1,974.44
26 05 13 16-0124	MLF	4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	13,629.64	1,974.44
26 05 13 16-0125	MLF	250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	15,824.10	2,064.78
26 05 13 16-0126	MLF	350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	18,061.10	2,113.21
26 05 13 16-0127	MLF	500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	22,386.79	2,380.31
26 05 13 16-0128		Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial *(26 05 13 16-0116)*		
		Note: Excludes excavation.		
26 05 13 16-0129	MLF	#1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,598.69	
26 05 13 16-0130	MLF	1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,566.48	
26 05 13 16-0131	MLF	2/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,485.05	
26 05 13 16-0132	MLF	3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	11,260.21	
26 05 13 16-0133	MLF	4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	11,621.06	
26 05 13 16-0134	MLF	250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	13,922.68	
26 05 13 16-0135	MLF	350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	16,159.20	
26 05 13 16-0136	MLF	500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	20,222.88	
26 05 13 16-0137		Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) *(26 05 13 16-0116)*		
26 05 13 16-0138	MLF	#1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	7,143.51	850.63
26 05 13 16-0139	MLF	1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	8,452.21	980.13
26 05 13 16-0140	MLF	2/0 AWG, EPEPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	9,819.45	1,150.58
26 05 13 16-0141	MLF	3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	11,796.39	1,315.81
26 05 13 16-0142	MLF	4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	12,712.31	1,526.71
26 05 13 16-0143	MLF	250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	15,340.49	1,777.29
26 05 13 16-0144	MLF	350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	18,229.44	2,071.00
26 05 13 16-0145	MLF	500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	22,768.40	2,405.66
26 05 13 16-0146		15 KV Non-Shielded Single Copper Conductor *(26 05 13 16-0085)*		
26 05 13 16-0147	MLF	1/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	11,499.58	1,898.16
26 05 13 16-0148	MLF	2/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	9,924.44	1,943.54
26 05 13 16-0149	MLF	3/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	14,978.37	1,988.91
26 05 13 16-0150	MLF	350 MCM, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	20,630.61	2,121.45
26 05 13 16-0151		Shielded, Armored Copper, 15 KV, 3 Conductor Cable *(26 05 13 16-0085)*		
		Note: Laid in cable tray or hung in vertical cable shaft.		
26 05 13 16-0152		Galvanized Steel Interlocked Armor Cable *(26 05 13 16-0151)*		
26 05 13 16-0153	LF	3 Conductors, #2 AWG, TC, 15 KV, Galvanized Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically	54.24	14.47
26 05 13 16-0154	LF	3 Conductors, 1/0 AWG, TC, 15 KV, Galvanized Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically	64.96	15.42
26 05 13 16-0155		Aluminum Interlocked Armor Cable *(26 05 13 16-0151)*		
26 05 13 16-0156	LF	3 Conductors, #2 AWG, TC, 15 KV, Aluminum Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically	54.24	14.47
26 05 13 16-0157	LF	3 Conductor, 1/0 AWG, TC, 15 KV, Aluminum Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically	64.96	15.42
26 05 13 16-0158		Type URD, 15 KV Primary Concentric UD Cable *(26 05 13 16-0085)*		
		Note: 0.175" XLPE insulation, copper conductor.		
26 05 13 16-0159	MLF	#4 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	3,946.42	949.15
26 05 13 16-0160	MLF	#2 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	4,718.31	1,036.38
26 05 13 16-0161	MLF	#1 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	5,666.78	1,170.95
26 05 13 16-0162	MLF	1/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	7,385.48	1,438.74
26 05 13 16-0163	MLF	2/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	8,420.64	1,619.70
26 05 13 16-0164	MLF	3/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	10,453.26	1,803.22
26 05 13 16-0165	MLF	4/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	11,749.26	2,018.54
26 05 13 16-0166		15 KV, URD Copper Cable, Direct Burial *(26 05 13 16-0085)*		
26 05 13 16-0167	MLF	3 Conductors, #6 AWG, 15 KV, URD Copper Cable, Direct Burial	19,482.84	
26 05 13 16-0168		Wire Connections *(26 05 13 16-0001)*		
26 05 13 16-0169		Medium Voltage Up To 5 KV *(26 05 13 16-0168)*		
26 05 13 16-0170		Shielded One Conductor Cable Splice *(26 05 13 16-0169)*		
26 05 13 16-0171	EA	#6 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	387.56	120.96
26 05 13 16-0172	EA	#2 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	530.36	120.96
26 05 13 16-0173	EA	1/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	530.36	120.96
26 05 13 16-0174	EA	2/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	566.36	145.14
26 05 13 16-0175	EA	3/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	566.36	145.14
26 05 13 16-0176	EA	4/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	566.36	145.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0177	EA	250 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	614.35	169.34
26 05 13 16-0178	EA	350 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	614.35	169.34
26 05 13 16-0179	EA	500 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	614.35	169.34
26 05 13 16-0180		**Cable Termination Without Stress Cone** *(26 05 13 16-0169)*		
26 05 13 16-0181	EA	#6 To 4/0 AWG Cable Termination Without Stress Cone, Medium Voltage To 5 KV	591.08	145.14
26 05 13 16-0182	EA	250 To 500 MCM Cable Termination Without Stress Cone, Medium Voltage To 5 KV	681.64	169.34
26 05 13 16-0183		**Cable Termination With Stress Cone** *(26 05 13 16-0169)*		
26 05 13 16-0184	EA	#6 To 4/0 AWG Cable Termination With Stress Cone, Medium Voltage To 5 KV	1,803.14	290.28
26 05 13 16-0185	EA	250 To 500 MCM Cable Termination With Stress Cone, Medium Voltage To 5 KV	2,476.56	399.14
26 05 13 16-0186		**Connect To Pothead, Pothead Included** *(26 05 13 16-0169)*		
26 05 13 16-0187	EA	#6 To 4/0 AWG Connection To Pothead (Included) Medium Voltage To 5 KV	1,889.38	290.28
26 05 13 16-0188	EA	250 To 500 MCM Connection To Pothead (Included) Medium Voltage To 5 KV	2,428.44	332.62
26 05 13 16-0189		**Two Conductor Pothead** *(26 05 13 16-0169)*		
		Note: Includes 5 KV pothead.		
26 05 13 16-0190	EA	#6 To 4/0 AWG, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	1,325.91	399.14
26 05 13 16-0191	EA	250 To 350 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	1,787.27	508.01
26 05 13 16-0192	EA	400 To 700 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	2,786.33	575.98
26 05 13 16-0193	EA	750 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	4,612.74	672.02
26 05 13 16-0194	EA	1,000 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	8,553.51	1,007.90
26 05 13 16-0195		**Three Conductor Pothead** *(26 05 13 16-0169)*		
		Note: Includes 5 KV pothead.		
26 05 13 16-0196	EA	#6 To 4/0 AWG, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	5,703.84	580.58
26 05 13 16-0197	EA	250 To 500 MCM, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	6,233.00	677.34
26 05 13 16-0198		**Copper Cable Splice, Crimp Compression Connection** *(26 05 13 16-0169)*		
		Note: For bare wire.		
26 05 13 16-0199	EA	#6 AWG Crimp Compression Connection For Bare Copper Wire	80.26	
26 05 13 16-0200	EA	#4 AWG Crimp Compression Connection For Bare Copper Wire	88.88	
26 05 13 16-0201	EA	#3 AWG Crimp Compression Connection For Bare Copper Wire	103.62	
26 05 13 16-0202	EA	#2 AWG Crimp Compression Connection For Bare Copper Wire	117.15	
26 05 13 16-0203	EA	#1 AWG Crimp Compression Connection For Bare Copper Wire	132.37	
26 05 13 16-0204	EA	1/0 AWG Crimp Compression Connection For Bare Copper Wire	146.92	
26 05 13 16-0205	EA	2/0 AWG Crimp Compression Connection For Bare Copper Wire	161.20	
26 05 13 16-0206	EA	3/0 AWG Crimp Compression Connection For Bare Copper Wire	176.63	
26 05 13 16-0207	EA	4/0 AWG Crimp Compression Connection For Bare Copper Wire	191.36	
26 05 13 16-0208	EA	250 MCM Crimp Compression Connection For Bare Copper Wire	206.61	
26 05 13 16-0209	EA	300 MCM Crimp Compression Connection For Bare Copper Wire	222.53	
26 05 13 16-0210	EA	350 MCM Crimp Compression Connection For Bare Copper Wire	236.85	
26 05 13 16-0211	EA	400 MCM Crimp Compression Connection For Bare Copper Wire	268.28	
26 05 13 16-0212	EA	500 MCM Crimp Compression Connection For Bare Copper Wire	301.28	
26 05 13 16-0213		**Aluminum Cable Splice, Crimp Compression Connection** *(26 05 13 16-0169)*		
		Note: For bare wire.		
26 05 13 16-0214	EA	#6 AWG Crimp Compression Connection For Bare Aluminum Wire	83.34	
26 05 13 16-0215	EA	#4 AWG Crimp Compression Connection For Bare Aluminum Wire	90.58	
26 05 13 16-0216	EA	#2 AWG Crimp Compression Connection For Bare Aluminum Wire	122.76	
26 05 13 16-0217	EA	#1 AWG Crimp Compression Connection For Bare Aluminum Wire	146.64	
26 05 13 16-0218	EA	1/0 AWG Crimp Compression Connection For Bare Aluminum Wire	160.39	
26 05 13 16-0219	EA	2/0 AWG Crimp Compression Connection For Bare Aluminum Wire	174.07	
26 05 13 16-0220	EA	3/0 AWG Crimp Compression Connection For Bare Aluminum Wire	191.57	
26 05 13 16-0221	EA	4/0 AWG Crimp Compression Connection For Bare Aluminum Wire	207.16	
26 05 13 16-0222	EA	250 MCM Crimp Compression Connection For Bare Aluminum Wire	222.03	
26 05 13 16-0223	EA	300 MCM Crimp Compression Connection For Bare Aluminum Wire	237.60	
26 05 13 16-0224	EA	350 MCM Crimp Compression Connection For Bare Aluminum Wire	252.68	
26 05 13 16-0225	EA	400 MCM Crimp Compression Connection For Bare Aluminum Wire	290.95	
26 05 13 16-0226	EA	500 MCM Crimp Compression Connection For Bare Aluminum Wire	329.57	
26 05 13 16-0227		**15 KV** *(26 05 13 16-0168)*		
26 05 13 16-0228		**Single Conductor Pothead On Racks** *(26 05 13 16-0227)*		
		Note: Includes pothead.		
26 05 13 16-0229	EA	#2 To 4/0 AWG, Single Conductor, 15 KV Pothead (Included), On Racks	1,607.09	508.01
26 05 13 16-0230	EA	250 To 500 MCM, Single Conductor, 15 KV Pothead (Included), On Racks	2,054.11	628.95
26 05 13 16-0231		**Two Conductor Pothead On Rack** *(26 05 13 16-0227)*		
		Note: Includes pothead.		
26 05 13 16-0232	EA	#2 To 4/0 AWG, Two Conductors, 15 KV Pothead (Included), On Racks	2,358.76	774.10

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0233	EA	250 To 500 MCM, Two Conductors, 15 KV Pothead (Included), On Racks	2,840.93	919.25
26 05 13 16-0234		**Three Conductor Pothead On Rack** *(26 05 13 16-0227)*		
		Note: Includes pothead.		
26 05 13 16-0235	EA	#2 To 4/0 AWG, Three Conductors, 15 KV Pothead (Included), On Racks	3,006.73	1,003.91
26 05 13 16-0236	EA	250 To 500 MCM, Three Conductors, 15 KV Pothead (Included), On Racks	3,744.52	1,257.92
26 05 13 16-0237		**Stress Relief Cone On Rack** *(26 05 13 16-0227)*		
26 05 13 16-0238	EA	#2 To 4/0 AWG Stress Relief Cone, On Rack	1,502.89	508.01
26 05 13 16-0239	EA	250 To 500 MCM Stress Relief Cone, On Rack	1,936.95	628.95
26 05 13 16-0240		**Grounded, Shielded Cable Splice** *(26 05 13 16-0227)*		
26 05 13 16-0241	EA	#2 To 4/0 AWG Cable Splice, Grounded, Shielded, 15 KV	1,028.28	374.95
26 05 13 16-0242	EA	250 To 500 MCM Cable Splice, Grounded, Shielded, 15 KV	1,316.55	483.81
26 05 13 16-0243	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE 2-Way	6,598.18	1,330.49
26 05 13 16-0244	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE - CE 3-Way	8,542.65	1,451.44
26 05 13 16-0245		**Cable Termination** *(26 05 13 16-0227)*		
26 05 13 16-0246	EA	#2 To 3/0 AWG Cable Termination 15 KV	692.30	211.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.00*	
26 05 13 16-0247	EA	4/0 To 250 MCM Cable Termination 15 KV	873.36	272.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*163.29*	
26 05 13 16-0248	EA	350 To 500 MCM Cable Termination 15 KV	1,084.04	332.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*199.57*	
26 05 13 16-0249	EA	#2 To 3/0 AWG Cable Elbow Termination 15 KV	444.79	120.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.57*	
26 05 13 16-0250		**Stress Cones, 5-15 KV, 4 Skirted** *(26 05 13 16-0227)*		
26 05 13 16-0251	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 4 Skirted	914.62	157.24
26 05 13 16-0252	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 4 Skirted	1,043.30	173.78
26 05 13 16-0253	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 4 Skirted	1,243.45	190.19
26 05 13 16-0254	EA	400 To 500 MCM Stress Cones, 5-15 KV, 4 Skirted	1,606.27	219.12
26 05 13 16-0255		**Stress Cones, 5-15 KV, 6 Skirted** *(26 05 13 16-0227)*		
26 05 13 16-0256	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 6 Skirted	1,829.28	315.01
26 05 13 16-0257	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 6 Skirted	2,086.85	347.57
26 05 13 16-0258	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 6 Skirted	2,472.79	373.31
26 05 13 16-0259	EA	400 To 500 MCM Stress Cones, 5-15 KV, 6 Skirted	3,212.53	438.24
26 05 13 16-0260		**35 KV** *(26 05 13 16-0168)*		
26 05 13 16-0261		**35 KV One Conductor Splice** *(26 05 13 16-0260)*		
26 05 13 16-0262	EA	#1 Stranded To 4/0 Stranded, 35 KV, Cable Splicing	2,571.92	
26 05 13 16-0263		**Cable Termination** *(26 05 13 16-0260)*		
26 05 13 16-0264	EA	#2 To 3/0 AWG Cable Termination, 35 KV	615.05	145.26
26 05 13 16-0265	EA	3/0 AWG To 250 MCM, 35 KV, Cable Termination	835.37	219.17
26 05 13 16-0266	EA	350 To 500 MCM Cable Termination 35 KV	974.22	234.41
26 05 13 16-0267	EA	#2 To 3/0 AWG Cable Elbow Termination 35 KV	486.75	120.96
26 05 13 16-0268		**70 KV** *(26 05 13 16-0168)*		
26 05 13 16-0269		**Cable Splice** *(26 05 13 16-0268)*		
26 05 13 16-0270	EA	350 MCM, 70 KV, Cable Splicing	14,562.22	
26 05 13 16-0271	EA	#2 To 4/0, 70 KV, Cable Splicing	2,677.33	

26 05 19 Low-Voltage Electrical Power Conductors and Cables *(26 05)*

26 05 19 13 Undercarpet Electrical Power Cables *(26 05 19)*

26 05 19 13-0001		**Under Carpet Power System** *(26 05 19 13)*		
		Note: Includes laying out, floor prep, taping, drill floor, folds, identifying, tagging and testing		
26 05 19 13-0002	LF	3-Conductor, #12 Flat Cable With Attached Bottom Shield	6.30	0.55
26 05 19 13-0003	LF	Steel, Top Shield	13.72	0.55
26 05 19 13-0004	EA	3-Conductor, Splice	35.57	9.39
26 05 19 13-0005	EA	Splice Top Shield For 3 Conductor	10.22	4.42
26 05 19 13-0006	EA	3-Conductor, Tap	44.37	11.05
26 05 19 13-0007	EA	Insulating Patch, Splice Tap And End	69.42	9.39
26 05 19 13-0008	EA	3-Conductor, Transition Block Assembly	45.30	5.52
26 05 19 13-0009	EA	Single, Direct Connected, Receptacle With Box	136.62	17.68

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 13-0010	EA	Dual, Direct Connected, Receptacle With Box	227.74	27.63
26 05 19 13-0011	EA	Floor Mounted Box With Cover	227.10	22.10
26 05 19 13-0012	LF	5-Conductor, #12 Cable With Attached Bottom Shield	10.04	0.55
26 05 19 13-0013	LF	Steel, Top Shield For 5-Conductor Cable	9.96	0.55
26 05 19 13-0014	EA	5-Conductor, Splice	36.05	9.39
26 05 19 13-0015	EA	5-Conductor, Transition Block Assembly	59.99	5.52
26 05 19 13-0016	EA	Box, Wall, Flush With Cover	101.58	22.10
26 05 19 13-0017	EA	Telephone, Transition Fitting Wall Box	66.84	18.24
26 05 19 13-0018	EA	RJ-45, Telephone Fitting With Duplex Jack And Cover	88.06	20.99
26 05 19 13-0019	EA	Miniature Telephone With Duplex RJ-45	37.92	8.29
26 05 19 13-0020	LF	4-Pair, Level 5, Under Carpet Telephone Wire	2.19	0.55
26 05 19 13-0021	EA	BNC, Coax Plug, Connector	30.12	11.05
26 05 19 13-0022	EA	TNC, Coax Plug, Connector	30.12	11.05
26 05 19 13-0023	CLF	Under Carpet Power System; Flat RG A/U 59, 75 Ohm, RG A/U 62, 93 Ohm, RG A/U 58, 50 Ohm	158.45	55.25

26 05 19 16 Low-Voltage, Single-and Multi-Conductor Cables *(26 05 19)*

26 05 19 16-0001 Cable Installation Methods *(26 05 19 16)*

26 05 19 16-0002 Pull Cord *(26 05 19 16-0001)*

Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.

26 05 19 16-0003	LF	Pull String Installed To Remain In Place, In Existing Conduit	0.38	
26 05 19 16-0004	LF	Pull String Installed To Remain In Place, In New Conduits	0.20	
26 05 19 16-0005	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit	0.65	
26 05 19 16-0006	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits	0.41	

26 05 19 16-0007 Bore Conduit Into Dirt Or Sand *(26 05 19 16-0001)*

Note: For installation under roads, driveways or other structures up to 20'.

26 05 19 16-0008	LF	Bore 1" To 4" Conduit Into Dirt Or Sand	3.28	
26 05 19 16-0009	LF	Bore 5" To 8" Conduit Into Dirt Or Sand	4.17	
26 05 19 16-0010	EA	Boring Minimum Set-Up Charge Note: For projects where the total boring charge is less than the minimum set-up charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section.	459.45	

26 05 19 16-0011 Wire and Cable *(26 05 19 16)*

Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, splicing (#8 and lighter), identifying, tagging and testing. All conductors are copper except as otherwise noted. No special set-up is required. For tasks installed in conduit, tasks exclude conduit. Excludes terminations. See CSI section 26 05 33 13-0057 for various conduit types.

26 05 19 16-0012 600 Volt Wire *(26 05 19 16-0011)*

26 05 19 16-0013 Single Solid Conductor, Copper *(26 05 19 16-0012)*

26 05 19 16-0014	MLF	#14 AWG,Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	672.20	268.19
26 05 19 16-0015	MLF	#12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	842.77	315.49
26 05 19 16-0016	MLF	#10 AWG,Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	1,044.94	385.77
26 05 19 16-0017	MLF	#14 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	867.28	268.19
26 05 19 16-0018	MLF	#12 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	1,049.95	315.49
26 05 19 16-0019	MLF	#10 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	1,262.30	385.77

26 05 19 16-0020 Power Cable, Stranded Conductor, Copper *(26 05 19 16-0012)*

26 05 19 16-0021 Power Cable, Stranded, Single Conductor, XHHW-2 *(26 05 19 16-0020)*

26 05 19 16-0022	MLF	#16 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	711.19	221.01
26 05 19 16-0023	MLF	#14 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	838.46	265.21
26 05 19 16-0024	MLF	#12 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	1,036.55	309.41
26 05 19 16-0025	MLF	#10 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	1,282.44	353.61
26 05 19 16-0026	MLF	#8 AWG, XLP (XHHW-2), 600 Volt, Copper, Single Stranded, Power Cable, Installed In Conduit	1,716.96	442.01
26 05 19 16-0027	MLF	#6 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	2,337.78	530.42
26 05 19 16-0028	MLF	#4 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	3,217.72	663.03
26 05 19 16-0029	MLF	#3 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	3,816.14	751.43
26 05 19 16-0030	MLF	#2 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	4,532.24	839.83
26 05 19 16-0031	MLF	#1 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	5,649.41	928.23
26 05 19 16-0032	MLF	1/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	6,792.51	1,060.84
26 05 19 16-0033	MLF	2/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	8,158.01	1,193.45
26 05 19 16-0034	MLF	3/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	9,792.92	1,326.05
26 05 19 16-0035	MLF	4/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	11,771.01	1,458.65
26 05 19 16-0036	MLF	250 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	12,462.02	1,591.26
26 05 19 16-0037	MLF	300 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	14,821.48	1,723.87
26 05 19 16-0038	MLF	350 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	15,806.33	1,856.47
26 05 19 16-0039	MLF	400 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	17,704.43	1,989.07
26 05 19 16-0040	MLF	500 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	20,550.62	2,121.68
26 05 19 16-0041	MLF	600 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	23,706.84	2,298.49
26 05 19 16-0042	MLF	750 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	36,291.40	2,563.69
26 05 19 16-0043	MLF	1,000 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	51,356.66	3,005.71

26 05 19 16-0044 Power Cable, Stranded, Multi Conductor, XHHW-2 *(26 05 19 16-0020)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0045	MLF	2 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	1,676.91	530.31
26 05 19 16-0046	MLF	3 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,073.35	618.94
26 05 19 16-0047	MLF	4 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,580.41	751.43
26 05 19 16-0048	MLF	6 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,096.03	817.40
26 05 19 16-0049	MLF	7 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,382.61	861.82
26 05 19 16-0050	MLF	9 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,954.09	950.12
26 05 19 16-0051	MLF	10 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,651.15	990.34
26 05 19 16-0052	MLF	12 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,812.57	1,082.94
26 05 19 16-0053	MLF	14 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	5,329.62	1,149.47
26 05 19 16-0054	MLF	24 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	7,857.27	1,458.76
26 05 19 16-0055	MLF	37 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	11,905.73	2,165.88
26 05 19 16-0056	MLF	2 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,073.37	618.94
26 05 19 16-0057	MLF	3 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,667.74	751.43
26 05 19 16-0058	MLF	4 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,262.15	884.03
26 05 19 16-0059	MLF	2 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,785.03	795.29
26 05 19 16-0060	MLF	3 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,624.23	971.55
26 05 19 16-0061	MLF	4 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,688.28	1,237.87
26 05 19 16-0062	MLF	6 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	6,369.96	1,591.81
26 05 19 16-0063	MLF	9 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	8,669.07	2,033.38
26 05 19 16-0064	MLF	2 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,489.18	906.14
26 05 19 16-0065	MLF	3 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,487.86	1,060.84
26 05 19 16-0066	MLF	4 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	5,818.06	1,348.15
26 05 19 16-0067	MLF	2 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,565.17	1,016.64
26 05 19 16-0068	MLF	3 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	6,184.55	1,259.75
26 05 19 16-0069	MLF	4 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	7,931.13	1,553.68
26 05 19 16-0070	MLF	2 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	6,203.85	1,233.45
26 05 19 16-0071	MLF	3 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	8,207.54	1,410.81
26 05 19 16-0072	MLF	4 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	10,641.92	1,760.55
26 05 19 16-0073	MLF	2 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	8,621.34	1,502.41
26 05 19 16-0074	MLF	3 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	11,498.22	1,680.11
26 05 19 16-0075	MLF	4 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	15,255.85	2,210.08
26 05 19 16-0076	MLF	3 Conductors, #1 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	15,289.74	2,121.35
26 05 19 16-0077	MLF	4 Conductors, #1 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	19,942.68	2,651.00
26 05 19 16-0078	MLF	3 Conductors, 1/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	18,168.44	2,298.93
26 05 19 16-0079	MLF	3 Conductors, 2/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	22,150.63	2,651.00
26 05 19 16-0080	MLF	3 Conductors, 3/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	27,165.31	3,092.79
26 05 19 16-0081	MLF	4 Conductors, 3/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	35,852.21	3,976.49
26 05 19 16-0082	MLF	3 Conductors, 4/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	33,221.04	3,539.12
26 05 19 16-0083	MLF	3 Conductors, 250 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	35,392.70	3,976.49
26 05 19 16-0084	MLF	3 Conductors, 350 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	44,545.85	4,420.17
26 05 19 16-0085	MLF	3 Conductors, 500 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	57,884.25	4,857.98

26 05 19 16-0086 Underground Feeder And Branch Circuit Suitable, Single Stranded Copper

(26 05 19 16-0012)

Note: Direct bury.

26 05 19 16-0087	MLF	#14 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,052.04	
26 05 19 16-0088	MLF	#12 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,239.84	
26 05 19 16-0089	MLF	#10 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,575.64	
26 05 19 16-0090	MLF	#8 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,087.61	
26 05 19 16-0091	MLF	#6 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,977.01	
26 05 19 16-0092	MLF	#4 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	3,943.73	
26 05 19 16-0093	MLF	#2 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,773.64	
26 05 19 16-0094	MLF	#1 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	7,252.59	
26 05 19 16-0095	MLF	1/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	8,942.94	
26 05 19 16-0096	MLF	2/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	10,891.33	
26 05 19 16-0097	MLF	3/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	13,196.81	
26 05 19 16-0098	MLF	4/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	14,931.41	
26 05 19 16-0099	MLF	250 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	16,162.47	
26 05 19 16-0100	MLF	300 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	19,458.31	
26 05 19 16-0101	MLF	350 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	21,797.67	
26 05 19 16-0102	MLF	400 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	24,547.43	
26 05 19 16-0103	MLF	500 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	29,213.91	
26 05 19 16-0104	MLF	600 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	34,600.72	
26 05 19 16-0105	MLF	750 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	55,686.83	
26 05 19 16-0106	MLF	#14 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	831.35	
26 05 19 16-0107	MLF	#12 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	998.83	
26 05 19 16-0108	MLF	#10 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,200.11	
26 05 19 16-0109	MLF	#8 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,470.00	
26 05 19 16-0110	MLF	#6 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,900.14	
26 05 19 16-0111	MLF	#4 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,537.28	
26 05 19 16-0112	MLF	#2 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	3,459.88	
26 05 19 16-0113	MLF	#1 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,109.92	
26 05 19 16-0114	MLF	1/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,649.74	
26 05 19 16-0115	MLF	2/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,241.07	
26 05 19 16-0116	MLF	3/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,105.57	
26 05 19 16-0117	MLF	4/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	7,157.60	
26 05 19 16-0118	MLF	250 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	8,134.46	
26 05 19 16-0119	MLF	300 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	9,166.66	
26 05 19 16-0120	MLF	350 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	10,289.79	
26 05 19 16-0121	MLF	400 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	11,452.52	
26 05 19 16-0122	MLF	500 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	13,387.12	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0123	MLF	750 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	22,632.21	
26 05 19 16-0124	MLF	#14 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	696.91	
26 05 19 16-0125	MLF	#12 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	869.61	
26 05 19 16-0126	MLF	#10 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,083.86	
26 05 19 16-0127	MLF	#8 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,534.74	
26 05 19 16-0128	MLF	#6 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,108.70	
26 05 19 16-0129	MLF	#4 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,813.07	
26 05 19 16-0130	MLF	#2 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,044.80	
26 05 19 16-0131	MLF	#1 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,839.07	
26 05 19 16-0132	MLF	1/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,631.29	
26 05 19 16-0133	MLF	2/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,407.52	
26 05 19 16-0134	MLF	3/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	7,643.74	
26 05 19 16-0135	MLF	4/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	9,141.37	
26 05 19 16-0136	MLF	250 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	10,765.71	
26 05 19 16-0137	MLF	300 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	12,460.27	
26 05 19 16-0138	MLF	350 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	14,285.47	
26 05 19 16-0139	MLF	400 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	16,044.75	
26 05 19 16-0140	MLF	500 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	19,130.59	
26 05 19 16-0141	MLF	600 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	23,063.61	
26 05 19 16-0142	MLF	750 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	36,839.66	
26 05 19 16-0143	MLF	#2 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,039.38	
26 05 19 16-0144	MLF	1/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	8,706.86	
26 05 19 16-0145	MLF	2/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	9,663.14	
26 05 19 16-0146	MLF	3/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	10,983.15	
26 05 19 16-0147	MLF	4/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	12,210.30	
26 05 19 16-0148	MLF	250 MCM,Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	13,153.83	
26 05 19 16-0149	MLF	350 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	18,966.89	
26 05 19 16-0150	MLF	400 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	20,626.84	
26 05 19 16-0151	MLF	500 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	23,561.43	

26 05 19 16-0152 600 Volt, Armored Cable, Copper Conductors *(26 05 19 16-0012)*

26 05 19 16-0153 ACTHH, Solid *(26 05 19 16-0152)*

26 05 19 16-0154	MLF	1 Conductor, #8 AWG, Type ACT, Solid, Armored Cable	2,749.69	725.72
26 05 19 16-0155	MLF	1 Conductor, #6 AWG, Type ACT, Solid, Armored Cable	3,178.68	822.48
26 05 19 16-0156	MLF	1 Conductor, #4 AWG, Type ACT, Solid, Armored Cable	3,672.89	870.86
26 05 19 16-0157	MLF	2 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable	3,882.77	1,209.53
26 05 19 16-0158	MLF	2 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable	4,130.37	1,354.43
26 05 19 16-0159	MLF	2 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable	5,337.93	1,500.66
26 05 19 16-0160	MLF	2 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable	7,137.05	1,645.57
26 05 19 16-0161	MLF	3 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable	4,749.90	1,354.43
26 05 19 16-0162	MLF	3 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable	4,934.69	1,500.66
26 05 19 16-0163	MLF	3 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable	6,424.23	1,694.07
26 05 19 16-0164	MLF	3 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable	8,528.86	1,838.24
26 05 19 16-0165	MLF	4 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable	5,721.90	1,500.66
26 05 19 16-0166	MLF	4 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable	6,244.81	1,694.07
26 05 19 16-0167	MLF	4 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable	8,082.51	1,886.99
26 05 19 16-0168	MLF	4 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable	10,695.00	2,032.86

26 05 19 16-0169 ACTHH, Stranded *(26 05 19 16-0152)*

26 05 19 16-0170	MLF	2 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	7,380.10	1,742.81
26 05 19 16-0171	MLF	2 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	9,074.70	1,982.78
26 05 19 16-0172	MLF	3 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	8,771.51	1,935.25
26 05 19 16-0173	MLF	3 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	11,134.02	2,175.46
26 05 19 16-0174	MLF	3 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable	14,267.29	2,419.06
26 05 19 16-0175	MLF	3 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable	16,468.42	2,658.31
26 05 19 16-0176	MLF	3 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable	18,948.61	2,900.57
26 05 19 16-0177	MLF	4 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	11,416.83	2,321.57
26 05 19 16-0178	MLF	4 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	13,954.92	2,562.52
26 05 19 16-0179	MLF	4 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable	18,214.21	2,806.36
26 05 19 16-0180	MLF	4 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable	19,976.63	3,046.69
26 05 19 16-0181	MLF	4 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable	23,877.54	3,286.78

26 05 19 16-0182 HCFC, Solid *(26 05 19 16-0152)*

26 05 19 16-0183	MLF	2 Conductors, #14 AWG, Type HCF, Solid, Armored Cable	4,422.29	1,209.53

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0184		MLF	2 Conductors, #12 AWG, Type HCF, Solid, Armored Cable	4,823.51	1,359.03
26 05 19 16-0185		MLF	2 Conductors, #10 AWG, Type HCF, Solid, Armored Cable	5,405.25	1,493.29
26 05 19 16-0186		MLF	3 Conductors, #14 AWG, Type HCF, Solid, Armored Cable	5,418.07	1,359.03
26 05 19 16-0187		MLF	3 Conductors, #12 AWG, Type HCF, Solid, Armored Cable	5,794.30	1,493.29
26 05 19 16-0188		MLF	3 Conductors, #10 AWG, Type HCF, Solid, Armored Cable	7,711.36	1,703.62
26 05 19 16-0189		MLF	4 Conductors, #14 AWG, Type HCF, Solid, Armored Cable	6,751.34	1,493.29
26 05 19 16-0190		MLF	4 Conductors, #12 AWG, Type HCF, Solid, Armored Cable	7,338.14	1,703.62
26 05 19 16-0191		MLF	4 Conductors, #10 AWG, Type HCF, Solid, Armored Cable	10,265.92	1,889.90
26 05 19 16-0192			**MC, Solid Or Stranded, Galvanized Steel Armor** *(26 05 19 16-0152)*		
26 05 19 16-0193		MLF	2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	3,743.34	1,209.53
26 05 19 16-0194		MLF	2 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,180.12	1,359.03
26 05 19 16-0195		MLF	2 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,041.67	1,493.29
26 05 19 16-0196		MLF	2 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	6,485.45	1,595.73
26 05 19 16-0197		MLF	2 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	8,110.66	1,691.65
26 05 19 16-0198		MLF	3 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,328.13	1,359.03
26 05 19 16-0199		MLF	3 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,888.18	1,493.29
26 05 19 16-0200		MLF	3 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	6,235.17	1,703.62
26 05 19 16-0201		MLF	3 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	8,148.91	1,838.24
26 05 19 16-0202		MLF	3 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	9,550.46	1,982.78
26 05 19 16-0203		MLF	3 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	11,858.73	2,129.50
26 05 19 16-0204		MLF	3 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	16,487.82	2,273.56
26 05 19 16-0205		MLF	4 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,028.24	1,493.29
26 05 19 16-0206		MLF	4 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,761.25	1,703.62
26 05 19 16-0207		MLF	4 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	8,792.99	1,889.90
26 05 19 16-0208		MLF	4 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	11,988.50	2,081.84
26 05 19 16-0209		MLF	4 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	14,693.54	2,227.47
26 05 19 16-0210		MLF	4 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	19,464.13	2,371.65
26 05 19 16-0211		MLF	4 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	25,218.64	2,514.62
26 05 19 16-0212			**FPLP Solid TFN Red Armored Cable** *(26 05 19 16-0152)* Note: Color coded red.		
26 05 19 16-0213		MLF	#18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable	3,924.67	919.25
26 05 19 16-0214		MLF	#18/4 With Bare #18 Ground Type TFN FPLP Red Armored Cable	4,452.32	1,064.39
26 05 19 16-0215		MLF	#18/6 With Bare #18 Ground Type TFN FPLP Red Armored Cable	5,543.63	1,209.53
26 05 19 16-0216		MLF	#18/8 With Bare #18 Ground Type TFN FPLP Red Armored Cable	6,365.79	1,354.67
26 05 19 16-0217		MLF	#16/2 With Bare #16 Ground Type TFN FPLP Red Armored Cable	4,463.04	1,064.39
26 05 19 16-0218		MLF	#16/4 With Bare #16 Ground Type TFN FPLP Red Armored Cable	5,286.19	1,209.53
26 05 19 16-0219		MLF	#16/6 With Bare #16 Ground Type TFN FPLP Red Armored Cable	6,674.91	1,354.67
26 05 19 16-0220		MLF	#16/8 With Bare #16 Ground Type TFN FPLP Red Armored Cable	7,602.38	1,499.82
26 05 19 16-0221			**FPLP Solid THHN Red Armored Cable** *(26 05 19 16-0152)* Note: Color coded red.		
26 05 19 16-0222		MLF	#14/2 With #14 Ground Type THHN FPLP Red Armored Cable	4,951.71	1,209.53
26 05 19 16-0223		MLF	#14/4 With #14 Ground Type THHN FPLP Red Armored Cable	6,181.48	1,354.67
26 05 19 16-0224		MLF	#14/6 With #14 Ground Type THHN FPLP Red Armored Cable	8,291.82	1,499.82
26 05 19 16-0225		MLF	#14/8 With #14 Ground Type THHN FPLP Red Armored Cable	9,634.71	1,644.96
26 05 19 16-0226		MLF	#12/2 With #12 Ground Type THHN FPLP Red Armored Cable	6,284.85	1,354.67
26 05 19 16-0227		MLF	#12/4 With #12 Ground Type THHN FPLP Red Armored Cable	7,725.25	1,499.82
26 05 19 16-0228			**FPLP Twisted Shielded Pair Red Armored Cable** *(26 05 19 16-0152)* Note: Color coded red.		
26 05 19 16-0229		MLF	#18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	4,275.72	919.25
26 05 19 16-0230		MLF	#18/2 With #18 Tinned Ground And #14/2 With #14 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	6,877.74	1,354.67
26 05 19 16-0231		MLF	#16/2 With #16 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	5,273.40	1,064.39
26 05 19 16-0232		MLF	#16/4 With Two #16 Tinned Grounds FPLP Twisted Shielded Pair Red Armored Cable	6,239.89	1,209.53
26 05 19 16-0233		MLF	#16/2 With #16 Tinned Ground And #12/2 With #12 Ground FPLP Twisted Shielded Pair Red Armored Cable	8,717.96	1,499.82
26 05 19 16-0234		MLF	#14/2 With One #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	6,174.59	1,257.92
26 05 19 16-0235		MLF	#14/4 With Two #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	7,651.11	1,451.44
26 05 19 16-0236			**Armored Cable Connectors** *(26 05 19 16-0152)*		
26 05 19 16-0237		EA	3/4" Armored Cable Connector	7.35	2.66
			For Work In Restricted Working Space, Add	*1.99*	
			For Elevated Installation >10' To 15', Add	*0.66*	
			For Elevated Installation >15' To 20', Add	*1.33*	
			For Elevated Installation >20' To 25', Add	*1.66*	
			For Elevated Installation >25' To 30', Add	*2.32*	
			For Elevated Installation >30' To 35', Add	*2.65*	
			For Elevated Installation >35' To 40', Add	*3.32*	
			For Elevated Installation >40', Add	*3.65*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0238	EA	1" Armored Cable Connector	9.82	3.54
		For Work In Restricted Working Space, Add	*2.65*	
		For Elevated Installation >10' To 15', Add	*0.88*	
		For Elevated Installation >15' To 20', Add	*1.77*	
		For Elevated Installation >20' To 25', Add	*2.21*	
		For Elevated Installation >25' To 30', Add	*3.09*	
		For Elevated Installation >30' To 35', Add	*3.54*	
		For Elevated Installation >35' To 40', Add	*4.42*	
		For Elevated Installation >40', Add	*4.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.65*	
26 05 19 16-0239	EA	1-1/4" Armored Cable Connector	12.34	4.42
		For Work In Restricted Working Space, Add	*3.32*	
		For Elevated Installation >10' To 15', Add	*1.11*	
		For Elevated Installation >15' To 20', Add	*2.21*	
		For Elevated Installation >20' To 25', Add	*2.76*	
		For Elevated Installation >25' To 30', Add	*3.87*	
		For Elevated Installation >30' To 35', Add	*4.42*	
		For Elevated Installation >35' To 40', Add	*5.53*	
		For Elevated Installation >40', Add	*6.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.32*	
26 05 19 16-0240		**600 Volt, Feeder Wire, Single Stranded Copper** *(26 05 19 16-0012)*		
26 05 19 16-0241	MLF	#14 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	947.50	177.14
		For EPR Insulation, Add	*42.67*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*99.56*	
26 05 19 16-0242	MLF	#12 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,063.52	196.15
		For EPR Insulation, Add	*43.50*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*101.50*	
26 05 19 16-0243	MLF	#10 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,307.41	245.20
		For EPR Insulation, Add	*63.51*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*148.18*	
26 05 19 16-0244	MLF	#8 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,801.07	390.08
		For EPR Insulation, Add	*104.40*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*243.61*	
26 05 19 16-0245	MLF	#6 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,495.65	468.09
		For EPR Insulation, Add	*175.44*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*409.36*	
26 05 19 16-0246	MLF	#4 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,427.02	543.46
		For EPR Insulation, Add	*265.42*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*619.31*	
26 05 19 16-0247	MLF	#3 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,912.12	622.02
		For EPR Insulation, Add	*305.03*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*711.74*	
26 05 19 16-0248	MLF	#2 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,973.42	700.59
		For EPR Insulation, Add	*431.08*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*1,005.84*	
26 05 19 16-0249	MLF	#1 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	6,203.62	780.27
		For EPR Insulation, Add	*582.45*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*1,359.06*	
26 05 19 16-0250	MLF	1/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	7,501.74	880.28
		For EPR Insulation, Add	*727.45*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*1,697.37*	
26 05 19 16-0251	MLF	2/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	9,079.71	976.19
		For EPR Insulation, Add	*914.42*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*2,133.64*	
26 05 19 16-0252	MLF	3/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	10,932.95	1,089.79
		For EPR Insulation, Add	*1,142.67*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*2,666.24*	
26 05 19 16-0253	MLF	4/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	12,346.16	1,211.67
		For EPR Insulation, Add	*1,304.93*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*3,044.83*	
26 05 19 16-0254	MLF	250 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	13,133.38	1,328.92
		For EPR Insulation, Add	*1,373.28*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*3,204.33*	
26 05 19 16-0255	MLF	300 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	15,555.38	1,460.87
		For EPR Insulation, Add	*1,686.86*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*3,936.00*	
26 05 19 16-0256	MLF	350 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	17,377.43	1,548.71
		For EPR Insulation, Add	*1,910.44*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*4,457.69*	
26 05 19 16-0257	MLF	400 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	19,504.12	1,730.94
		For EPR Insulation, Add	*2,179.71*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*5,086.00*	
26 05 19 16-0258	MLF	500 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	22,343.71	1,925.09
		For EPR Insulation, Add	*2,555.93*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*5,963.83*	
26 05 19 16-0259	MLF	600 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	26,230.94	2,002.89
		For EPR Insulation, Add	*3,072.71*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*7,169.66*	
26 05 19 16-0260	MLF	750 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	42,990.69	2,080.57
		For EPR Insulation, Add	*5,487.22*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*12,803.51*	
26 05 19 16-0261	MLF	1,000 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	54,314.39	2,223.13
		For EPR Insulation, Add	*7,119.47*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*16,612.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0262	MLF	#16 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,642.03	397.59
26 05 19 16-0263	MLF	#14 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,066.82	442.01
26 05 19 16-0264	MLF	#12 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,599.98	530.86
26 05 19 16-0265	MLF	#10 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,084.88	618.60
26 05 19 16-0266	MLF	#8 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,658.91	662.37
26 05 19 16-0267	MLF	#18 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	525.19	221.01
26 05 19 16-0268	MLF	#16 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	654.89	243.11
26 05 19 16-0269	MLF	#14 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	690.04	177.25
26 05 19 16-0270	MLF	#12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	859.78	211.29
26 05 19 16-0271	MLF	#10 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,069.12	265.77
26 05 19 16-0272	MLF	#8 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,509.01	350.30
26 05 19 16-0273	MLF	#6 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,066.16	423.01
26 05 19 16-0274	MLF	#4 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,747.52	499.92
26 05 19 16-0275	MLF	#3 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,289.51	565.89
26 05 19 16-0276	MLF	#2 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,941.65	633.74
26 05 19 16-0277	MLF	#1 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,708.62	715.18
26 05 19 16-0278	MLF	1/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,478.90	783.14
26 05 19 16-0279	MLF	2/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	6,228.69	865.47
26 05 19 16-0280	MLF	3/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	7,416.56	915.42
26 05 19 16-0281	MLF	4/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	8,858.68	1,029.90
26 05 19 16-0282	MLF	250 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	10,421.45	1,095.65
26 05 19 16-0283	MLF	300 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	12,051.09	1,240.85
26 05 19 16-0284	MLF	350 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	13,805.17	1,373.23
26 05 19 16-0285	MLF	400 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	15,496.48	1,410.81
26 05 19 16-0286	MLF	500 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	18,451.14	1,492.58
26 05 19 16-0287	MLF	600 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	22,953.10	1,756.46
26 05 19 16-0288	MLF	750 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	35,369.52	2,080.57
26 05 19 16-0289	MLF	1,000 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	42,404.43	2,511.98
26 05 19 16-0290	MLF	#16 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,626.63	530.86
26 05 19 16-0291	MLF	#14 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,925.47	618.60
26 05 19 16-0292	MLF	#12 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,387.85	707.78
26 05 19 16-0293	MLF	#10 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,376.59	795.29
26 05 19 16-0294	MLF	#8 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,955.75	884.03
26 05 19 16-0295	MLF	#6 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	6,287.69	971.55
26 05 19 16-0296		600 Volt, Feeder Wire, Single Stranded Aluminum *(26 05 19 16-0012)*		
26 05 19 16-0297	MLF	#6 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,302.13	336.48
26 05 19 16-0298	MLF	#4 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,546.30	391.25
26 05 19 16-0299	MLF	#2 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,026.76	502.24
26 05 19 16-0300	MLF	#1 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,531.48	560.84
26 05 19 16-0301	MLF	1/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,935.10	631.86
26 05 19 16-0302	MLF	2/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,345.24	697.40
26 05 19 16-0303	MLF	3/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,957.45	787.06
26 05 19 16-0304	MLF	4/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,381.89	868.33
26 05 19 16-0305	MLF	250 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,085.74	954.57
26 05 19 16-0306	MLF	300 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,323.63	1,038.09
26 05 19 16-0307	MLF	350 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,594.05	1,121.57
26 05 19 16-0308	MLF	400 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,549.93	1,247.49
26 05 19 16-0309	MLF	500 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,321.05	1,373.37
26 05 19 16-0310	MLF	600 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	10,192.21	1,599.83
26 05 19 16-0311	MLF	700 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	11,533.54	1,753.86
26 05 19 16-0312	MLF	750 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	11,768.87	1,818.87
26 05 19 16-0313	MLF	1,000 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	16,267.83	2,206.40
26 05 19 16-0314	MLF	#8 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,448.09	392.40
26 05 19 16-0315	MLF	#6 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,628.40	442.01
26 05 19 16-0316	MLF	#4 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,004.53	543.79
26 05 19 16-0317	MLF	#2 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,542.17	666.56
26 05 19 16-0318	MLF	#1 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,244.15	784.69
26 05 19 16-0319	MLF	1/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,749.97	884.36
26 05 19 16-0320	MLF	2/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,274.39	982.27
26 05 19 16-0321	MLF	3/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,938.42	1,071.67
26 05 19 16-0322	MLF	4/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,361.81	1,140.51
26 05 19 16-0323	MLF	250 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,115.57	1,220.30
26 05 19 16-0324	MLF	300 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,502.88	1,307.82
26 05 19 16-0325	MLF	350 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,835.20	1,412.80
26 05 19 16-0326	MLF	400 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,882.86	1,540.65
26 05 19 16-0327	MLF	500 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	9,969.67	1,768.07
26 05 19 16-0328	MLF	600 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	11,683.18	1,860.67
26 05 19 16-0329	MLF	700 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	13,021.25	1,961.67
26 05 19 16-0330	MLF	750 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	13,411.92	2,084.78
26 05 19 16-0331	MLF	1,000 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	19,512.09	2,921.74
26 05 19 16-0332	MLF	#6 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,762.58	442.01
26 05 19 16-0333	MLF	#4 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,204.48	543.68
26 05 19 16-0334	MLF	#2 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,758.32	667.45
26 05 19 16-0335	MLF	#1 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,509.88	780.27
26 05 19 16-0336	MLF	1/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,966.62	880.28
26 05 19 16-0337	MLF	2/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,507.09	976.19
26 05 19 16-0338	MLF	3/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,271.84	1,071.67
26 05 19 16-0339	MLF	4/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,782.10	1,140.51
26 05 19 16-0340	MLF	250 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,618.37	1,219.52

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0341	MLF	300 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,158.30	1,309.47
26 05 19 16-0342	MLF	350 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,609.23	1,414.67
26 05 19 16-0343	MLF	400 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	9,554.15	1,537.11
26 05 19 16-0344	MLF	500 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	10,995.62	1,768.07
26 05 19 16-0345	MLF	600 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	12,717.60	1,855.69
26 05 19 16-0346	MLF	700 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	14,185.05	1,961.67
26 05 19 16-0347	MLF	750 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	14,702.48	2,078.47

26 05 19 16-0348 Non-Metallic Sheathed Cable *(26 05 19 16-0012)*

26 05 19 16-0349 Indoor Installation *(26 05 19 16-0348)*

Note: For NM, NM-B, NMC-B and NMS-B.

26 05 19 16-0350	MLF	#14 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	2,524.44	839.72
		For Installation In Wood Stud Wall (Includes Drilling), Add	*314.89*	
26 05 19 16-0351	MLF	#14 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	3,124.62	1,016.64
		For Installation In Wood Stud Wall (Includes Drilling), Add	*381.26*	
26 05 19 16-0352	MLF	#14 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	4,171.79	1,124.93
		For Installation In Wood Stud Wall (Includes Drilling), Add	*421.85*	
26 05 19 16-0353	MLF	#12 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	2,999.27	954.76
		For Installation In Wood Stud Wall (Includes Drilling), Add	*339.80*	
26 05 19 16-0354	MLF	#12 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	4,038.61	1,060.62
		For Installation In Wood Stud Wall (Includes Drilling), Add	*397.75*	
26 05 19 16-0355	MLF	#12 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	5,106.55	1,184.60
		For Installation In Wood Stud Wall (Includes Drilling), Add	*444.23*	
26 05 19 16-0356	MLF	#10 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	3,665.62	1,061.17
		For Installation In Wood Stud Wall (Includes Drilling), Add	*397.95*	
26 05 19 16-0357	MLF	#10 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	5,304.14	1,237.87
		For Installation In Wood Stud Wall (Includes Drilling), Add	*464.20*	
26 05 19 16-0358	MLF	#10 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	6,253.57	1,414.45
		For Installation In Wood Stud Wall (Includes Drilling), Add	*530.42*	
26 05 19 16-0359	MLF	#8 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	5,995.79	1,270.79
		For Installation In Wood Stud Wall (Includes Drilling), Add	*452.52*	
26 05 19 16-0360	MLF	#8 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	7,563.88	1,536.01
		For Installation In Wood Stud Wall (Includes Drilling), Add	*547.00*	
26 05 19 16-0361	MLF	#6 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	7,618.34	1,447.60
		For Installation In Wood Stud Wall (Includes Drilling), Add	*513.84*	
26 05 19 16-0362	MLF	#6 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	9,976.54	1,745.96
		For Installation In Wood Stud Wall (Includes Drilling), Add	*621.59*	
26 05 19 16-0363	MLF	#4 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	20,780.48	1,922.77
		For Installation In Wood Stud Wall (Includes Drilling), Add	*683.74*	
26 05 19 16-0364	MLF	#2 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	24,086.21	2,088.53
		For Installation In Wood Stud Wall (Includes Drilling), Add	*745.90*	

26 05 19 16-0365 Direct Burial Cable *(26 05 19 16-0348)*

Note: Excludes trench and backfill. For NM, NM-B, NMC-B and NMS-B. Copper.

26 05 19 16-0366	MLF	#14 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	2,518.55
26 05 19 16-0367	MLF	#14 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,291.27
26 05 19 16-0368	MLF	#12 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,199.88
26 05 19 16-0369	MLF	#12 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	4,126.41
26 05 19 16-0370	MLF	#10 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,491.75
26 05 19 16-0371	MLF	#10 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	5,037.59
26 05 19 16-0372	MLF	#8 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	5,467.13
26 05 19 16-0373	MLF	#8 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	7,007.62
26 05 19 16-0374	MLF	#6 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	6,908.65
26 05 19 16-0375	MLF	#6 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	9,119.21

26 05 19 16-0376 SEU Cable Copper, 3 Conductor *(26 05 19 16-0348)*

26 05 19 16-0377	MLF	12-12-12 Cable SEU Copper	3,407.31	1,064.75
26 05 19 16-0378	MLF	10-10-10 Cable SEU Copper	4,356.51	1,209.53
26 05 19 16-0379	MLF	8-8-8 Cable SEU Copper	5,516.30	1,354.43
26 05 19 16-0380	MLF	6-6-8 Cable SEU Copper	6,778.85	1,452.05
26 05 19 16-0381	MLF	6-6-6 Cable SEU Copper	7,331.29	1,500.66
26 05 19 16-0382	MLF	4-4-6 Cable SEU Copper	9,054.59	1,645.57
26 05 19 16-0383	MLF	4-4-4 Cable SEU Copper	9,807.19	1,694.07
26 05 19 16-0384	MLF	3-3-5 Cable SEU Copper	11,505.19	1,838.24
26 05 19 16-0385	MLF	3-3-3 Cable SEU Copper	12,231.60	1,935.25
26 05 19 16-0386	MLF	2-2-4 Cable SEU Copper	13,088.97	2,032.86
26 05 19 16-0387	MLF	2-2-2 Cable SEU Copper	14,022.35	2,129.50
26 05 19 16-0388	MLF	1-1-1 Cable SEU Copper	17,285.75	2,419.06
26 05 19 16-0389	MLF	1/0-1/0-1/0 Cable SEU Copper	20,679.95	2,712.01
26 05 19 16-0390	MLF	2/0-2/0-2/0 Cable SEU Copper	25,040.39	3,054.43
26 05 19 16-0391	MLF	3/0-3/0-3/0 Cable SEU Copper	30,307.44	3,397.58
26 05 19 16-0392	MLF	4/0-4/0-4/0 Cable SEU Copper	33,873.70	3,791.64

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0393		**SEU Cable Aluminum, 3 Conductor** *(26 05 19 16-0348)*		
26 05 19 16-0394	MLF	8-8-8 Cable SEU Aluminum	4,583.36	1,359.03
26 05 19 16-0395	MLF	6-6-6 Cable SEU Aluminum	5,257.69	1,493.29
26 05 19 16-0396	MLF	4-4-6 Cable SEU Aluminum	5,929.55	1,634.56
26 05 19 16-0397	MLF	4-4-4 Cable SEU Aluminum	6,213.58	1,703.62
26 05 19 16-0398	MLF	2-2-4 Cable SEU Aluminum	7,447.52	2,015.93
26 05 19 16-0399	MLF	2-2-2 Cable SEU Aluminum	7,916.30	2,122.00
26 05 19 16-0400	MLF	1-1-1 Cable SEU Aluminum	9,586.41	2,419.06
26 05 19 16-0401	MLF	1/0-1/0-2 Cable SEU Aluminum	10,156.24	2,546.43
26 05 19 16-0402	MLF	1/0-1/0-1/0 Cable SEU Aluminum	12,587.00	2,687.82
26 05 19 16-0403	MLF	2/0-2/0-1 Cable SEU Aluminum	11,464.14	2,879.89
26 05 19 16-0404	MLF	2/0-2/0-2/0 Cable SEU Aluminum	12,121.72	3,023.83
26 05 19 16-0405	MLF	3/0-3/0-1/0 Cable SEU Aluminum	13,281.14	3,166.31
26 05 19 16-0406	MLF	3/0-3/0-3/0 Cable SEU Aluminum	14,225.12	3,359.83
26 05 19 16-0407	MLF	4/0-4/0-2/0 Cable SEU Aluminum	14,967.60	3,632.23
26 05 19 16-0408	MLF	4/0-4/0-4/0 Cable SEU Aluminum	15,841.48	3,779.78
26 05 19 16-0409		**SER Cable Copper, 4 Conductor** *(26 05 19 16-0348)*		
26 05 19 16-0410	MLF	6-6-6-6 Cable SER Copper	10,660.60	1,742.81
26 05 19 16-0411	MLF	4-4-4-6 Cable SER Copper	11,693.96	1,886.99
26 05 19 16-0412	MLF	3-3-3-5 Cable SER Copper	14,526.05	2,129.50
26 05 19 16-0413	MLF	2-2-2-4 Cable SER Copper	16,648.92	2,321.57
26 05 19 16-0414	MLF	1-1-1-3 Cable SER Copper	19,412.75	2,658.31
26 05 19 16-0415	MLF	1/0-1/0-1/0-2 Cable SER Copper	23,675.33	3,046.69
26 05 19 16-0416	MLF	2/0-2/0-2/0-1 Cable SER Copper	29,750.46	3,286.78
26 05 19 16-0417	MLF	3/0-3/0-3/0-1/0 Cable SER Copper	34,383.12	3,676.37
26 05 19 16-0418		**SER Cable Aluminum, 4 Conductor** *(26 05 19 16-0348)*		
26 05 19 16-0419	MLF	8-8-8-8 Cable SER Aluminum	6,355.29	1,626.70
26 05 19 16-0420	MLF	6-6-6-6 Cable SER Aluminum	6,979.70	1,742.81
26 05 19 16-0421	MLF	4-4-4-6 Cable SER Aluminum	7,919.60	1,886.99
26 05 19 16-0422	MLF	2-2-2-4 Cable SER Aluminum	10,068.66	2,321.57
26 05 19 16-0423	MLF	1-1-1-3 Cable SER Aluminum	12,350.10	2,658.31
26 05 19 16-0424	MLF	1/0-1/0-1/0-2 Cable SER Aluminum	13,879.57	3,046.69
26 05 19 16-0425	MLF	2/0-2/0-2/0-1 Cable SER Aluminum	15,733.33	3,286.78
26 05 19 16-0426	MLF	3/0-3/0-3/0-1/0 Cable SER Aluminum	18,021.56	3,676.37
26 05 19 16-0427	MLF	4/0-4/0-4/0-2/0 Cable SER Aluminum	20,595.94	4,096.56
26 05 19 16-0428		**Control Tray Cable, Low Voltage** *(26 05 19 16-0011)*		
		Note: Type "TC" multi-conductor (individually numbered conductors) control cables installed in conduit.		
26 05 19 16-0429	MLF	2 Conductor #18 AWG, Stranded, Type TC Control Cable	1,092.13	536.05
		For Work In Restricted Working Space, Add	*268.03*	
26 05 19 16-0430	MLF	3 Conductor #18 AWG, Stranded, Type TC Control Cable	1,254.88	599.64
		For Work In Restricted Working Space, Add	*299.82*	
26 05 19 16-0431	MLF	4 Conductor #18 AWG, Stranded, Type TC Control Cable	1,306.93	599.60
		For Work In Restricted Working Space, Add	*299.82*	
26 05 19 16-0432	MLF	5 Conductor #18 AWG, Stranded, Type TC Control Cable	1,636.68	752.07
		For Work In Restricted Working Space, Add	*376.04*	
26 05 19 16-0433	MLF	7 Conductor #18 AWG, Stranded, Type TC Control Cable	2,052.61	916.46
		For Work In Restricted Working Space, Add	*458.24*	
26 05 19 16-0434	MLF	9 Conductor #18 AWG, Stranded, Type TC Control Cable	2,332.57	1,007.79
		For Work In Restricted Working Space, Add	*503.90*	
26 05 19 16-0435	MLF	12 Conductor #18 AWG, Stranded, Type TC Control Cable	2,760.14	1,145.11
		For Work In Restricted Working Space, Add	*572.56*	
26 05 19 16-0436	MLF	15 Conductor #18 AWG, Stranded, Type TC Control Cable	3,477.70	1,399.64
		For Work In Restricted Working Space, Add	*699.83*	
26 05 19 16-0437	MLF	19 Conductor #18 AWG, Stranded, Type TC Control Cable	3,954.81	1,526.95
		For Work In Restricted Working Space, Add	*763.47*	
26 05 19 16-0438	MLF	25 Conductor #18 AWG, Stranded, Type TC Control Cable	4,621.05	1,574.69
		For Work In Restricted Working Space, Add	*787.34*	
26 05 19 16-0439	MLF	30 Conductor #18 AWG, Stranded, Type TC Control Cable	5,677.38	1,967.20
		For Work In Restricted Working Space, Add	*983.60*	
26 05 19 16-0440	MLF	37 Conductor #18 AWG, Stranded, Type TC Control Cable	6,793.46	2,299.04
		For Work In Restricted Working Space, Add	*1,149.52*	
26 05 19 16-0441	MLF	2 Conductor #16 AWG, Stranded, Type TC Control Cable	1,188.78	564.68
		For Work In Restricted Working Space, Add	*282.12*	
26 05 19 16-0442	MLF	3 Conductor #16 AWG, Stranded, Type TC Control Cable	1,371.36	631.20
		For Work In Restricted Working Space, Add	*315.60*	
26 05 19 16-0443	MLF	4 Conductor #16 AWG, Stranded, Type TC Control Cable	1,595.53	726.68
		For Work In Restricted Working Space, Add	*363.34*	
26 05 19 16-0444	MLF	5 Conductor #16 AWG, Stranded, Type TC Control Cable	1,798.45	791.65
		For Work In Restricted Working Space, Add	*395.83*	
26 05 19 16-0445	MLF	7 Conductor #16 AWG, Stranded, Type TC Control Cable	2,264.28	964.71
		For Work In Restricted Working Space, Add	*482.35*	
26 05 19 16-0446	MLF	9 Conductor #16 AWG, Stranded, Type TC Control Cable	2,584.20	1,060.84
		For Work In Restricted Working Space, Add	*530.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0447	MLF	12 Conductor #16 AWG, Stranded, Type TC Control Cable	3,073.48	1,205.38
		For Work In Restricted Working Space, Add	*602.69*	
26 05 19 16-0448	MLF	15 Conductor #16 AWG, Stranded, Type TC Control Cable	3,886.59	1,473.24
		For Work In Restricted Working Space, Add	*736.62*	
26 05 19 16-0449	MLF	19 Conductor #16 AWG, Stranded, Type TC Control Cable	4,440.99	1,607.17
		For Work In Restricted Working Space, Add	*803.59*	
26 05 19 16-0450	MLF	25 Conductor #16 AWG, Stranded, Type TC Control Cable	5,258.31	1,657.56
		For Work In Restricted Working Space, Add	*828.78*	
26 05 19 16-0451	MLF	30 Conductor #16 AWG, Stranded, Type TC Control Cable	6,449.44	2,070.63
		For Work In Restricted Working Space, Add	*1,035.31*	
26 05 19 16-0452	MLF	37 Conductor #16 AWG, Stranded, Type TC Control Cable	7,735.56	2,420.04
		For Work In Restricted Working Space, Add	*1,210.02*	
26 05 19 16-0453	MLF	2 Conductor #14 AWG, Stranded, Type TC Control Cable	1,283.99	589.43
		For Work In Restricted Working Space, Add	*294.71*	
26 05 19 16-0454	MLF	3 Conductor #14 AWG, Stranded, Type TC Control Cable	1,524.93	663.03
		For Work In Restricted Working Space, Add	*331.51*	
26 05 19 16-0455	MLF	4 Conductor #14 AWG, Stranded, Type TC Control Cable	1,783.49	757.84
		For Work In Restricted Working Space, Add	*378.92*	
26 05 19 16-0456	MLF	5 Conductor #14 AWG, Stranded, Type TC Control Cable	1,999.01	816.19
		For Work In Restricted Working Space, Add	*408.09*	
26 05 19 16-0457	MLF	7 Conductor #14 AWG, Stranded, Type TC Control Cable	2,643.31	1,000.51
		For Work In Restricted Working Space, Add	*500.25*	
26 05 19 16-0458	MLF	9 Conductor #14 AWG, Stranded, Type TC Control Cable	3,036.74	1,105.04
		For Work In Restricted Working Space, Add	*552.63*	
26 05 19 16-0459	MLF	12 Conductor #14 AWG, Stranded, Type TC Control Cable	3,699.47	1,233.23
		For Work In Restricted Working Space, Add	*616.61*	
26 05 19 16-0460	MLF	15 Conductor #14 AWG, Stranded, Type TC Control Cable	4,418.85	1,473.02
		For Work In Restricted Working Space, Add	*736.62*	
26 05 19 16-0461	MLF	19 Conductor #14 AWG, Stranded, Type TC Control Cable	7,299.44	1,711.71
		For Work In Restricted Working Space, Add	*855.63*	
26 05 19 16-0462	MLF	25 Conductor #14 AWG, Stranded, Type TC Control Cable	6,576.99	2,001.23
		For Work In Restricted Working Space, Add	*1,000.84*	
26 05 19 16-0463	MLF	30 Conductor #14 AWG, Stranded, Type TC Control Cable	7,625.23	2,236.38
		For Work In Restricted Working Space, Add	*1,118.19*	
26 05 19 16-0464	MLF	37 Conductor #14 AWG, Stranded, Type TC Control Cable	9,168.89	2,613.64
		For Work In Restricted Working Space, Add	*1,306.82*	
26 05 19 16-0465	MLF	2 Conductor #12 AWG, Stranded, Type TC Control Cable	1,483.72	631.20
		For Work In Restricted Working Space, Add	*315.60*	
26 05 19 16-0466	MLF	3 Conductor #12 AWG, Stranded, Type TC Control Cable	1,760.92	698.39
		For Work In Restricted Working Space, Add	*349.08*	
26 05 19 16-0467	MLF	4 Conductor #12 AWG, Stranded, Type TC Control Cable	2,131.79	803.59
		For Work In Restricted Working Space, Add	*401.79*	
26 05 19 16-0468	MLF	5 Conductor #12 AWG, Stranded, Type TC Control Cable	2,401.32	855.31
		For Work In Restricted Working Space, Add	*427.65*	
26 05 19 16-0469	MLF	7 Conductor #12 AWG, Stranded, Type TC Control Cable	3,142.58	1,019.74
		For Work In Restricted Working Space, Add	*509.87*	
26 05 19 16-0470	MLF	9 Conductor #12 AWG, Stranded, Type TC Control Cable	3,865.96	1,205.38
		For Work In Restricted Working Space, Add	*602.69*	
26 05 19 16-0471	MLF	12 Conductor #12 AWG, Stranded, Type TC Control Cable	4,679.35	1,359.86
		For Work In Restricted Working Space, Add	*679.93*	
26 05 19 16-0472	MLF	15 Conductor #12 AWG, Stranded, Type TC Control Cable	5,557.17	1,560.10
		For Work In Restricted Working Space, Add	*780.05*	
26 05 19 16-0473	MLF	19 Conductor #12 AWG, Stranded, Type TC Control Cable	6,554.69	1,768.29
		For Work In Restricted Working Space, Add	*884.15*	
26 05 19 16-0474	MLF	25 Conductor #12 AWG, Stranded, Type TC Control Cable	8,353.04	2,066.65
		For Work In Restricted Working Space, Add	*1,033.33*	
26 05 19 16-0475	MLF	30 Conductor #12 AWG, Stranded, Type TC Control Cable	9,677.64	2,415.40
		For Work In Restricted Working Space, Add	*1,207.70*	
26 05 19 16-0476	MLF	37 Conductor #12 AWG, Stranded, Type TC Control Cable	11,683.84	2,823.16
		For Work In Restricted Working Space, Add	*1,411.58*	
26 05 19 16-0477	MLF	2 Conductor #10 AWG, Stranded, Type TC Control Cable	1,749.67	663.03
		For Work In Restricted Working Space, Add	*331.51*	
26 05 19 16-0478	MLF	3 Conductor #10 AWG, Stranded, Type TC Control Cable	2,163.27	727.12
		For Work In Restricted Working Space, Add	*363.34*	
26 05 19 16-0479	MLF	4 Conductor #10 AWG, Stranded, Type TC Control Cable	2,623.25	828.78
		For Work In Restricted Working Space, Add	*414.39*	
26 05 19 16-0480	MLF	5 Conductor #10 AWG, Stranded, Type TC Control Cable	3,036.07	899.06
		For Work In Restricted Working Space, Add	*449.53*	
26 05 19 16-0481	MLF	7 Conductor #10 AWG, Stranded, Type TC Control Cable	4,092.62	1,128.47
		For Work In Restricted Working Space, Add	*564.23*	
26 05 19 16-0482	MLF	9 Conductor #10 AWG, Stranded, Type TC Control Cable	4,837.38	1,263.06
		For Work In Restricted Working Space, Add	*631.53*	
26 05 19 16-0483	MLF	12 Conductor #10 AWG, Stranded, Type TC Control Cable	5,637.13	1,473.24
		For Work In Restricted Working Space, Add	*736.62*	
26 05 19 16-0484	MLF	15 Conductor #10 AWG, Stranded, Type TC Control Cable	6,652.02	1,684.75
		For Work In Restricted Working Space, Add	*842.38*	
26 05 19 16-0485	MLF	19 Conductor #10 AWG, Stranded, Type TC Control Cable	7,872.32	1,909.51
		For Work In Restricted Working Space, Add	*954.76*	
26 05 19 16-0486	MLF	25 Conductor #10 AWG, Stranded, Type TC Control Cable	10,100.78	2,231.74
		For Work In Restricted Working Space, Add	*1,115.87*	
26 05 19 16-0487	MLF	30 Conductor #10 AWG, Stranded, Type TC Control Cable	11,694.80	2,608.34
		For Work In Restricted Working Space, Add	*1,304.17*	
26 05 19 16-0488	MLF	37 Conductor #10 AWG, Stranded, Type TC Control Cable	14,154.23	3,049.25
		For Work In Restricted Working Space, Add	*1,524.62*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0489		ACSR (Aluminum Conductor Steel Reinforced) *(26 05 19 16-0011)* Note: Concentric lay stranded Class A galvanizing installed on poles, aerially.		
26 05 19 16-0490		ACSR Cable *(26 05 19 16-0489)*		
26 05 19 16-0491	MLF	#4 AWG, ACSR Cable Swan 6/1, Aluminum Cable, Installed On Poles (Aerial)	1,877.88	552.20
26 05 19 16-0492	MLF	#4 AWG, ACSR Cable Swanate 7/1, Aluminum Cable, Installed On Poles (Aerial)	2,019.53	573.38
26 05 19 16-0493	MLF	#2 AWG, ACSR Cable Sparrow 6/1, Aluminum Cable, Installed On Poles (Aerial)	2,226.18	595.45
26 05 19 16-0494	MLF	#2 AWG, ACSR Cable Sparate 7/1, Aluminum Cable, Installed On Poles (Aerial)	2,368.05	617.01
26 05 19 16-0495	MLF	1/0 AWG, ACSR Cable Raven 6/1, Aluminum Cable, Installed On Poles (Aerial)	2,729.23	637.93
26 05 19 16-0496	MLF	2/0 AWG, ACSR Cable Quail 6/1, Aluminum Cable, Installed On Poles (Aerial)	3,217.15	723.16
26 05 19 16-0497	MLF	3/0 AWG, ACSR Cable Pigeon 6/1, Aluminum Cable, Installed On Poles (Aerial)	3,776.37	806.48
26 05 19 16-0498	MLF	4/0 AWG, ACSR Cable Penguin 6/1, Aluminum Cable, Installed On Poles (Aerial)	4,411.06	890.94
26 05 19 16-0499	MLF	336 AWG ACSR Cable Merlin 18/1, Aluminum Cable, Installed On Poles (Aerial)	4,979.76	1,144.97
26 05 19 16-0500	MLF	477 AWG, ACSR Cable Hawk 26/1, Aluminum Cable, Installed On Poles (Aerial)	5,644.04	1,313.39
26 05 19 16-0501		All Aluminum Conductors *(26 05 19 16-0489)*		
26 05 19 16-0502	MLF	795.0 ACSR Conductor Aluminum	37,581.67	10,819.60
26 05 19 16-0503		Single Conductor Installed On Poles *(26 05 19 16-0011)*		
26 05 19 16-0504		Bare Stranded Conductor *(26 05 19 16-0503)*		
26 05 19 16-0505	MLF	#12 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	1,393.28	467.86
26 05 19 16-0506	MLF	#10 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	1,628.39	509.96
26 05 19 16-0507	MLF	#8 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	1,864.85	552.58
26 05 19 16-0508	MLF	#6 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	2,275.98	595.45
26 05 19 16-0509	MLF	#4 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	2,758.30	638.44
26 05 19 16-0510	MLF	#2 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	3,934.70	765.78
26 05 19 16-0511	MLF	#1 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	4,518.46	850.63
26 05 19 16-0512	MLF	1/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	5,152.43	933.94
26 05 19 16-0513	MLF	2/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	6,894.62	1,107.71
26 05 19 16-0514	MLF	3/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	8,359.07	1,273.57
26 05 19 16-0515	MLF	4/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	8,980.13	1,443.39
26 05 19 16-0516	MLF	250 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	11,353.73	1,701.12
26 05 19 16-0517	MLF	300 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	11,619.46	1,790.69
26 05 19 16-0518	MLF	350 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	14,468.75	1,875.28
26 05 19 16-0519	MLF	400 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	15,976.60	1,952.21
26 05 19 16-0520	MLF	500 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	18,600.05	2,035.53
26 05 19 16-0521		Insulated Stranded Conductor *(26 05 19 16-0503)*		
26 05 19 16-0522	MLF	#12 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	1,502.36	467.86
26 05 19 16-0523	MLF	#10 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	1,769.13	509.96
26 05 19 16-0524	MLF	#8 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	2,142.70	552.58
26 05 19 16-0525	MLF	#6 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	2,328.57	595.45
26 05 19 16-0526	MLF	#4 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	2,838.54	638.44
26 05 19 16-0527	MLF	#2 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	3,818.82	765.78
26 05 19 16-0528	MLF	#1 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	4,506.90	850.63
26 05 19 16-0529	MLF	1/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	5,313.77	933.94
26 05 19 16-0530	MLF	2/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	6,399.14	1,107.71
26 05 19 16-0531	MLF	3/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	7,668.42	1,273.57
26 05 19 16-0532	MLF	4/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	9,034.01	1,443.39
26 05 19 16-0533	MLF	250 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	11,024.07	1,701.12
26 05 19 16-0534	MLF	300 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	12,492.05	1,790.69
26 05 19 16-0535	MLF	350 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	13,690.36	1,875.28
26 05 19 16-0536	MLF	400 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	15,331.21	1,952.21
26 05 19 16-0537	MLF	500 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	17,227.33	2,035.53
26 05 19 16-0538		Bare Solid Conductor *(26 05 19 16-0503)*		
26 05 19 16-0539	MLF	#12 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles	1,393.28	467.86
26 05 19 16-0540	MLF	#8 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles	1,864.85	552.58
26 05 19 16-0541	MLF	#6 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles	2,275.98	595.45
26 05 19 16-0542	MLF	#4 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles	2,725.14	638.44
26 05 19 16-0543		Multi-Conductor Cords, Cables And Associated Equipment *(26 05 19 16-0011)*		
26 05 19 16-0544		Multi-Conductor Cords *(26 05 19 16-0543)* Note: Includes installation in cable tray, surface mounting or installation between junction boxes. Excludes strain relief devices, plugs and connector bodies.		
26 05 19 16-0545		Multi-Conductor Type SOOW And SJOOW Cord *(26 05 19 16-0544)* Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
26 05 19 16-0546		300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0545)*		
26 05 19 16-0547		#18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0546)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0548	LF	2 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.23	0.48
26 05 19 16-0549	LF	3 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.28	0.48
26 05 19 16-0550	LF	4 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.44	0.48
26 05 19 16-0551		#16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0546)*		
26 05 19 16-0552	LF	2 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.43	0.48
26 05 19 16-0553	LF	3 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.53	0.48
26 05 19 16-0554	LF	4 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.67	0.48
26 05 19 16-0555		#14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0546)*		
26 05 19 16-0556	LF	2 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.62	0.48
26 05 19 16-0557	LF	3 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.77	0.48
26 05 19 16-0558	LF	4 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.07	0.48
26 05 19 16-0559		#12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0546)*		
26 05 19 16-0560	LF	2 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.87	0.48
26 05 19 16-0561	LF	3 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.06	0.48
26 05 19 16-0562	LF	4 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.32	0.48
26 05 19 16-0563		#10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0546)*		
26 05 19 16-0564	LF	2 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.44	0.60
26 05 19 16-0565	LF	3 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.57	0.60
26 05 19 16-0566	LF	4 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.76	0.60
26 05 19 16-0567		600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0545)*		
26 05 19 16-0568		#18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0567)*		
26 05 19 16-0569	LF	2 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.28	0.48
26 05 19 16-0570	LF	3 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.39	0.48
26 05 19 16-0571	LF	4 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.54	0.48
26 05 19 16-0572	LF	5 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.70	0.65
26 05 19 16-0573	LF	6 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.95	0.67
26 05 19 16-0574	LF	7 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.14	0.69
26 05 19 16-0575	LF	8 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.45	0.71
26 05 19 16-0576	LF	10 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.97	0.74
26 05 19 16-0577	LF	12 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.54	0.76
26 05 19 16-0578	LF	14 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.01	0.78
26 05 19 16-0579	LF	16 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.12	0.80
26 05 19 16-0580	LF	18 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.28	0.81
26 05 19 16-0581	LF	20 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.00	0.83
26 05 19 16-0582	LF	24 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.84	0.85
26 05 19 16-0583	LF	30 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.22	0.91
26 05 19 16-0584		#16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0567)*		
26 05 19 16-0585	LF	2 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.53	0.48
26 05 19 16-0586	LF	3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.62	0.48
26 05 19 16-0587	LF	4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.82	0.48
26 05 19 16-0588	LF	5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.83	0.65
26 05 19 16-0589	LF	6 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.12	0.67
26 05 19 16-0590	LF	7 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.41	0.69
26 05 19 16-0591	LF	8 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.78	0.71
26 05 19 16-0592	LF	9 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.94	0.72
26 05 19 16-0593	LF	10 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.38	0.74
26 05 19 16-0594	LF	12 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.12	0.76
26 05 19 16-0595	LF	14 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.50	0.78
26 05 19 16-0596	LF	16 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.22	0.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0597	LF	18 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.19	0.81
26 05 19 16-0598	LF	20 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.08	0.83
26 05 19 16-0599	LF	24 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.78	0.85
26 05 19 16-0600	LF	26 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.75	0.87
26 05 19 16-0601	LF	30 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	12.53	0.91
26 05 19 16-0602		#14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0567)*		
26 05 19 16-0603	LF	2 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.80	0.48
26 05 19 16-0604	LF	3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.91	0.48
26 05 19 16-0605	LF	4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.18	0.48
26 05 19 16-0606	LF	5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.68	0.65
26 05 19 16-0607	LF	6 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.43	0.67
26 05 19 16-0608	LF	7 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.67	0.69
26 05 19 16-0609	LF	8 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.27	0.71
26 05 19 16-0610	LF	9 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.67	0.72
26 05 19 16-0611	LF	10 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.34	0.74
26 05 19 16-0612	LF	12 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.97	0.76
26 05 19 16-0613	LF	14 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.70	0.78
26 05 19 16-0614	LF	16 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.28	0.80
26 05 19 16-0615	LF	20 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.42	0.83
26 05 19 16-0616	LF	24 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	12.29	0.85
26 05 19 16-0617	LF	30 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	14.55	0.91
26 05 19 16-0618		#12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0567)*		
26 05 19 16-0619	LF	2 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.07	0.48
26 05 19 16-0620	LF	3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.28	0.48
26 05 19 16-0621	LF	4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.49	0.48
26 05 19 16-0622	LF	5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.23	0.65
26 05 19 16-0623	LF	6 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.91	0.67
26 05 19 16-0624	LF	7 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.61	0.69
26 05 19 16-0625	LF	8 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.37	0.71
26 05 19 16-0626	LF	9 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.90	0.72
26 05 19 16-0627	LF	10 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.82	0.74
26 05 19 16-0628	LF	12 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.92	0.76
26 05 19 16-0629	LF	14 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.93	0.78
26 05 19 16-0630	LF	16 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.94	0.80
26 05 19 16-0631	LF	18 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	11.43	0.81
26 05 19 16-0632	LF	20 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	13.18	0.83
26 05 19 16-0633	LF	24 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	14.99	0.85
26 05 19 16-0634	LF	26 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	16.79	0.87
26 05 19 16-0635	LF	28 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	17.37	0.89
26 05 19 16-0636	LF	30 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	18.01	0.91
26 05 19 16-0637		#10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0567)*		
26 05 19 16-0638	LF	2 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.39	0.60
26 05 19 16-0639	LF	3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.56	0.60
26 05 19 16-0640	LF	4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.75	0.60
26 05 19 16-0641	LF	5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.65	0.65
26 05 19 16-0642	LF	6 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.02	0.67
26 05 19 16-0643	LF	7 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.09	0.69
26 05 19 16-0644	LF	10 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.14	0.74
26 05 19 16-0645	LF	12 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.49	0.76
26 05 19 16-0646	LF	16 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	13.39	0.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0647	LF	20 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	19.52	0.83
26 05 19 16-0648		**#8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord** *(26 05 19 16-0567)*		
26 05 19 16-0649	LF	3 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	4.81	0.72
26 05 19 16-0650	LF	4 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	5.24	0.84
26 05 19 16-0651	LF	5 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	7.16	0.84
26 05 19 16-0652		**#6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord** *(26 05 19 16-0567)*		
26 05 19 16-0653	LF	3 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	6.92	0.84
26 05 19 16-0654	LF	4 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	8.36	0.97
26 05 19 16-0655	LF	5 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	10.04	1.21
26 05 19 16-0656		**#4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord** *(26 05 19 16-0567)*		
26 05 19 16-0657	LF	3 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	11.07	1.21
26 05 19 16-0658	LF	4 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	12.16	1.33
26 05 19 16-0659	LF	5 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	14.68	1.45
26 05 19 16-0660		**#2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord** *(26 05 19 16-0567)*		
26 05 19 16-0661	LF	3 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	16.57	2.42
26 05 19 16-0662	LF	4 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	21.09	3.03
26 05 19 16-0663	LF	5 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	25.51	3.99
26 05 19 16-0664		**300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord** *(26 05 19 16-0545)*		
26 05 19 16-0665		**#18 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord** *(26 05 19 16-0664)*		
26 05 19 16-0666	LF	2 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.67	0.48
26 05 19 16-0667	LF	3 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.85	0.48
26 05 19 16-0668	LF	4 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	2.18	0.48
26 05 19 16-0669		**#16 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord** *(26 05 19 16-0664)*		
26 05 19 16-0670	LF	2 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.78	0.48
26 05 19 16-0671	LF	3 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	2.06	0.48
26 05 19 16-0672	LF	4 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	2.18	0.48
26 05 19 16-0673		**#14 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord** *(26 05 19 16-0664)*		
26 05 19 16-0674	LF	2 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	2.47	0.48
26 05 19 16-0675	LF	3 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	3.59	0.48
26 05 19 16-0676	LF	4 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	4.60	0.60
26 05 19 16-0677		**600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord** *(26 05 19 16-0545)*		
26 05 19 16-0678		**#18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord** *(26 05 19 16-0677)*		
26 05 19 16-0679	LF	2 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.38	0.48
26 05 19 16-0680	LF	3 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.85	0.48
26 05 19 16-0681	LF	4 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.35	0.48
26 05 19 16-0682		**#16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord** *(26 05 19 16-0677)*		
26 05 19 16-0683	LF	2 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.55	0.48
26 05 19 16-0684	LF	3 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.03	0.48
26 05 19 16-0685	LF	4 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.79	0.48

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0686	LF	5 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.10	0.60
26 05 19 16-0687		#14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0677)*		
26 05 19 16-0688	LF	3 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.14	0.48
26 05 19 16-0689	LF	4 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.76	0.48
26 05 19 16-0690	LF	5 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.21	0.60
26 05 19 16-0691		#12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0677)*		
26 05 19 16-0692	LF	3 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.73	0.48
26 05 19 16-0693	LF	4 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.28	0.48
26 05 19 16-0694	LF	5 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.77	0.60
26 05 19 16-0695		#10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0677)*		
26 05 19 16-0696	LF	3 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.27	0.60
26 05 19 16-0697	LF	4 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.76	0.60
26 05 19 16-0698	LF	5 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	5.25	0.60
26 05 19 16-0699		Multi-Conductor Type SEOW Cord *(26 05 19 16-0544)* Note: Includes thermoplastic elastomeric (TPE) insulation.		
26 05 19 16-0700		600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0699)*		
26 05 19 16-0701		#16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0700)*		
26 05 19 16-0702	LF	3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.80	0.48
26 05 19 16-0703	LF	4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.99	0.48
26 05 19 16-0704	LF	5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.03	0.60
26 05 19 16-0705		#14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0700)*		
26 05 19 16-0706	LF	3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.37	0.48
26 05 19 16-0707	LF	4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.73	0.48
26 05 19 16-0708	LF	5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.92	0.60
26 05 19 16-0709		#12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0700)*		
26 05 19 16-0710	LF	3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.96	0.48
26 05 19 16-0711	LF	4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.42	0.48
26 05 19 16-0712	LF	5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	4.31	0.60
26 05 19 16-0713		#10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0700)*		
26 05 19 16-0714	LF	3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.75	0.60
26 05 19 16-0715	LF	4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	4.31	0.60
26 05 19 16-0716	LF	5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	4.62	0.60
26 05 19 16-0717		Multi-Conductor Type W Cord *(26 05 19 16-0544)* Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
26 05 19 16-0718		2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0717)*		
26 05 19 16-0719		#8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0718)*		
26 05 19 16-0720	LF	3 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.28	0.72
26 05 19 16-0721	LF	4 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.67	0.84
26 05 19 16-0722	LF	5 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	6.71	0.84
26 05 19 16-0723		#6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0718)*		
26 05 19 16-0724	LF	3 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.66	0.84
26 05 19 16-0725	LF	4 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	6.76	0.97
26 05 19 16-0726	LF	5 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	8.41	1.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0727		#4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0718)*		
26 05 19 16-0728	LF	3 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	7.72	0.84
26 05 19 16-0729	LF	4 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	9.13	0.97
26 05 19 16-0730	LF	5 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	11.74	1.21
26 05 19 16-0731		Cord Grips, Cable Reels, Extension Cords, And Accessories *(26 05 19 16-0543)*		
26 05 19 16-0732		Cord Grips *(26 05 19 16-0731)*		
26 05 19 16-0733	EA	Cord Grip With Watertight Connector For 1/2" NPT Zinc Plated Steel	76.81	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.99*	
26 05 19 16-0734	EA	Cord Grip With Watertight Connector For 3/4" NPT Zinc Plated Steel	77.20	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.99*	
26 05 19 16-0735		Cable Reels *(26 05 19 16-0731)*		
		Note: Includes handling, mounting, electrical connections and installing cord.		
26 05 19 16-0736	EA	30', 16-3, SJO, Extension Cord Reel (Cox Reels PC10-3016-A)	702.47	60.47
26 05 19 16-0737	EA	50', 10-4, SEOOW, Extension Cord Reel (Reelcraft L 7050 104 X 1)	1,951.90	60.47
26 05 19 16-0738	EA	50', 16-3, SOOW, Extension Cord Reel (KH Industries RTFD3L-WW-B16K)	1,458.01	60.47
26 05 19 16-0739		Extension Cords For Cable Reel *(26 05 19 16-0731)*		
26 05 19 16-0740	EA	100 LF, 120 Volt, 12 Gauge, 3 Wire, Extension Cord	198.59	
26 05 19 16-0741	EA	100 LF, 240 Volt, 10 Gauge, 3 Wire, Extension Cord	282.24	
26 05 19 16-0742		Plugs And Connector Bodies *(26 05 19 16-0731)*		
		Note: Up to 277 volt		
26 05 19 16-0743		NEMA Twist-Lock Plugs *(26 05 19 16-0742)*		
26 05 19 16-0744	EA	15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7545C)	81.71	
26 05 19 16-0745	EA	15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL4770CBK)	83.35	
26 05 19 16-0746	EA	20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7102C)	76.47	
26 05 19 16-0747	EA	20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2331)	81.51	
26 05 19 16-0748	EA	20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2411)	105.13	
26 05 19 16-0749	EA	20 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2441)	111.53	
26 05 19 16-0750	EA	20 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2511BK)	117.80	
26 05 19 16-0751	EA	30 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2611BK)	106.09	
26 05 19 16-0752	EA	30 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2711BK)	121.47	
26 05 19 16-0753	EA	30 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2761)	124.47	
26 05 19 16-0754	EA	30 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2811BK)	128.28	
26 05 19 16-0755		NEMA Twist-Lock Connector Bodies *(26 05 19 16-0742)*		
26 05 19 16-0756	EA	15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7506C)	86.34	
26 05 19 16-0757	EA	15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL4779C)	92.13	
26 05 19 16-0758	EA	20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7101C)	79.94	
26 05 19 16-0759	EA	20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2323BK)	106.09	
26 05 19 16-0760	EA	20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2413BK)	122.97	
26 05 19 16-0761	EA	20 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2443)	131.14	
26 05 19 16-0762	EA	20 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2513BK)	158.65	
26 05 19 16-0763	EA	30 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2623BK)	151.70	
26 05 19 16-0764	EA	30 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2713BK)	186.15	
26 05 19 16-0765	EA	30 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2753)	195.28	
26 05 19 16-0766	EA	30 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2813BK)	185.34	
26 05 19 16-0767		Watertight Pin And Sleeve Plug *(26 05 19 16-0742)*		
26 05 19 16-0768	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P4W)	273.05	36.29
26 05 19 16-0769	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P6W)	275.95	36.29
26 05 19 16-0770	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P7W)	298.53	36.29
26 05 19 16-0771	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P12W)	298.99	39.92
26 05 19 16-0772	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P9W)	294.60	39.92
26 05 19 16-0773	EA	20 Amperes, Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P7W)	295.91	39.92
26 05 19 16-0774	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P4W)	416.62	44.63
26 05 19 16-0775	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P6W)	405.72	44.63
26 05 19 16-0776	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P7W)	452.57	44.63
26 05 19 16-0777	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P12W)	444.59	48.99
26 05 19 16-0778	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P9W)	425.65	48.99
26 05 19 16-0779	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P7W)	438.68	48.99
26 05 19 16-0780	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P4W)	566.10	58.06
26 05 19 16-0781	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P6W)	576.48	58.06
26 05 19 16-0782	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P7W)	551.86	58.06
26 05 19 16-0783	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P12W)	628.49	64.59
26 05 19 16-0784	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P9W)	612.32	64.59
26 05 19 16-0785	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P7W)	619.32	64.59
26 05 19 16-0786	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P6W)	776.94	72.57

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0787	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P7W)	817.05	72.57
26 05 19 16-0788	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P12W)	796.50	79.83
26 05 19 16-0789	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P9W)	782.80	79.83
26 05 19 16-0790	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P7W)	790.20	79.83
26 05 19 16-0791		Watertight Pin And Sleeve Connector *(26 05 19 16-0742)*		
26 05 19 16-0792	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C4W)	289.77	36.29
26 05 19 16-0793	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C6W)	291.78	36.29
26 05 19 16-0794	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C7W)	343.77	36.29
26 05 19 16-0795	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C12W)	341.12	39.92
26 05 19 16-0796	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C9W)	335.84	39.92
26 05 19 16-0797	EA	20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C7W)	340.61	39.92
26 05 19 16-0798	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C4W)	426.62	44.63
26 05 19 16-0799	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C6W)	426.50	44.63
26 05 19 16-0800	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C7W)	444.44	44.63
26 05 19 16-0801	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C12W)	439.73	48.99
26 05 19 16-0802	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C9W)	443.42	48.99
26 05 19 16-0803	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C7W)	439.52	48.99
26 05 19 16-0804	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C4W)	668.58	58.06
26 05 19 16-0805	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C6W)	646.62	58.06
26 05 19 16-0806	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C7W)	633.53	58.06
26 05 19 16-0807	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C12W)	689.48	64.59
26 05 19 16-0808	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C9W)	708.57	64.59
26 05 19 16-0809	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C7W)	709.97	64.59
26 05 19 16-0810	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C6W)	889.35	72.57
26 05 19 16-0811	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C7W)	914.53	72.57
26 05 19 16-0812	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C12W)	988.21	79.83
26 05 19 16-0813	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C9W)	953.61	79.83
26 05 19 16-0814	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C7W)	965.41	79.83
26 05 19 16-0815		Accessories *(26 05 19 16-0731)*		
26 05 19 16-0816	EA	1/2" Straight Steel Cord Connector	60.79	12.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 19 16-0817	EA	1/2" Straight Nylon Cord Connector	36.44	9.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 19 16-0818	EA	1/2" 90 Degree Steel Cord Connector	69.58	15.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 05 19 16-0819	EA	1/2" 90 Degree Nylon Cord Connector	43.86	12.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 19 16-0820	EA	1/2" Straight Steel Cord Connector With Strain Relief Mesh	68.67	15.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 05 19 16-0821	EA	1/2" 90 Degree Steel Cord Connector With Strain Relief Mesh	118.89	18.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.89*	
26 05 19 16-0822	EA	1/2" Straight Nylon Cord Connector With Strain Relief Mesh	43.15	12.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 19 16-0823	EA	1/2" 90 Degree Nylon Cord Connector With Strain Relief Mesh	72.91	15.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 05 19 16-0824	EA	3/4" Straight Steel Cord Connector	63.36	12.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 19 16-0825	EA	3/4" Straight Nylon Cord Connector	37.73	9.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 19 16-0826	EA	3/4" 90 Degree Steel Cord Connector	77.62	15.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 05 19 16-0827	EA	3/4" 90 Degree Nylon Cord Connector	47.88	12.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 19 16-0828	EA	3/4" Straight Steel Cord Connector With Strain Relief Mesh	77.42	18.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.88*	
26 05 19 16-0829	EA	3/4" 90 Degree Steel Cord Connector With Strain Relief Mesh	92.08	21.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.70*	
26 05 19 16-0830	EA	3/4" Straight Nylon Cord Connector With Strain Relief Mesh	51.91	15.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 05 19 16-0831	EA	3/4" 90 Degree Nylon Cord Connector With Strain Relief Mesh	62.70	18.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.89*	
26 05 19 16-0832	EA	1" Straight Steel Cord Connector	79.89	12.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 19 16-0833	EA	1" Straight Nylon Cord Connector	45.99	9.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 19 16-0834	EA	1" 90 Degree Steel Cord Connector	88.54	15.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 05 19 16-0835	EA	1" 90 Degree Nylon Cord Connector	53.34	12.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 19 16-0836	EA	1" Straight Steel Cord Connector With Strain Relief Mesh	94.77	18.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.88*	
26 05 19 16-0837	EA	1" 90 Degree Steel Cord Connector With Strain Relief Mesh	103.54	21.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.70*	
26 05 19 16-0838	EA	1" Straight Nylon Cord Connector With Strain Relief Mesh	60.72	15.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 05 19 16-0839	EA	1" 90 Degree Nylon Cord Connector With Strain Relief Mesh	70.15	18.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.89*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 23 Control-Voltage Electrical Power Cables *(26 05)*				
26 05 23 00-0001		Cable For HVAC System Controls *(26 05 23)*		
26 05 23 00-0002		Low Voltage Thermostat Cable To 300 Volt *(26 05 23 00-0001)*		
		Note: For surface or conduit installation.		
26 05 23 00-0003	MLF	#20/2 Conductor, Low Volt Thermostat Cable	511.64	140.89
26 05 23 00-0004	MLF	#20/3 Conductor, Low Volt Thermostat Cable	592.05	148.41
26 05 23 00-0005	MLF	#20/4 Conductor, Low Volt Thermostat Cable	644.23	156.92
26 05 23 00-0006	MLF	#20/5 Conductor, Low Volt Thermostat Cable	788.65	163.55
26 05 23 00-0007	MLF	#20/6 Conductor, Low Volt Thermostat Cable	828.40	171.29
26 05 23 00-0008	MLF	#20/7 Conductor, Low Volt Thermostat Cable	916.64	178.41
26 05 23 00-0009	MLF	#20/8 Conductor, Low Volt Thermostat Cable	992.49	185.53
26 05 23 00-0010	MLF	#20/9 Conductor, Low Volt Thermostat Cable	1,083.02	192.94
26 05 23 00-0011	MLF	#20/10 Conductor, Low Volt Thermostat Cable	1,170.87	198.73
26 05 23 00-0012	MLF	#18/2 Conductor, Low Volt Thermostat Cable	563.46	140.89
26 05 23 00-0013	MLF	#18/3 Conductor, Low Volt Thermostat Cable	684.50	148.41
26 05 23 00-0014	MLF	#18/4 Conductor, Low Volt Thermostat Cable	790.92	156.92
26 05 23 00-0015	MLF	#18/5 Conductor, Low Volt Thermostat Cable	849.20	163.55
26 05 23 00-0016	MLF	#18/6 Conductor, Low Volt Thermostat Cable	950.05	171.29
26 05 23 00-0017	MLF	#18/7 Conductor, Low Volt Thermostat Cable	972.50	178.41
26 05 23 00-0018	MLF	#18/8 Conductor, Low Volt Thermostat Cable	1,077.73	185.53
26 05 23 00-0019	MLF	#18/9 Conductor, Low Volt Thermostat Cable	1,287.53	192.94
26 05 23 00-0020	MLF	#18/10 Conductor, Low Volt Thermostat Cable	1,423.11	198.73
26 05 26 Grounding and Bonding for Electrical Systems *(26 05)*				
26 05 26 00-0001		Conductors, Straps And Conduit Jumpers *(26 05 26)*		
26 05 26 00-0002		Single Conductor *(26 05 26 00-0001)*		
26 05 26 00-0003		Copper Bare Stranded Conductors *(26 05 26 00-0002)*		
26 05 26 00-0004	MLF	12 AWG Copper Bare Single Stranded Conductor	620.04	227.77
26 05 26 00-0005	MLF	10 AWG Copper Bare Single Stranded Conductor	823.08	227.77
26 05 26 00-0006	MLF	8 AWG Copper Bare Single Stranded Conductor	1,027.04	274.37
26 05 26 00-0007	MLF	6 AWG Copper Bare Single Stranded Conductor	1,420.13	274.37
26 05 26 00-0008	MLF	4 AWG Copper Bare Single Stranded Conductor	1,913.36	331.30
26 05 26 00-0009	MLF	2 AWG Copper Bare Single Stranded Conductor	3,021.35	331.30
26 05 26 00-0010	MLF	1 AWG Copper Bare Single Stranded Conductor	3,499.97	398.60
26 05 26 00-0011	MLF	1/0 AWG Copper Bare Single Stranded Conductor	4,106.58	398.60
26 05 26 00-0012	MLF	2/0 AWG Copper Bare Single Stranded Conductor	5,765.66	502.14
26 05 26 00-0013	MLF	3/0 AWG Copper Bare Single Stranded Conductor	7,113.75	502.14
26 05 26 00-0014	MLF	4/0 AWG Copper Bare Single Stranded Conductor	7,539.97	667.79
26 05 26 00-0015	MLF	250 MCM Copper Bare Single Stranded Conductor	9,694.34	667.79
26 05 26 00-0016	MLF	300 MCM Copper Bare Single Stranded Conductor	9,720.88	771.33
26 05 26 00-0017	MLF	350 MCM Copper Bare Single Stranded Conductor	13,119.04	771.33
26 05 26 00-0018	MLF	500 MCM Copper Bare Single Stranded Conductor	17,920.52	952.51
26 05 26 00-0019		Copper Insulated Single Stranded Conductors *(26 05 26 00-0002)*		
26 05 26 00-0020	MLF	12 AWG Copper Insulated Single Stranded Conductor	1,176.86	310.60
26 05 26 00-0021	MLF	10 AWG Copper Insulated Single Stranded Conductor	1,248.76	310.60
26 05 26 00-0022	MLF	8 AWG Copper Insulated Single Stranded Conductor	1,605.71	310.60
26 05 26 00-0023	MLF	6 AWG Copper Insulated Single Stranded Conductor	1,817.85	538.37
26 05 26 00-0024	MLF	4 AWG Copper Insulated Single Stranded Conductor	2,468.23	538.37
26 05 26 00-0025	MLF	2 AWG Copper Insulated Single Stranded Conductor	3,499.77	538.37
26 05 26 00-0026	MLF	1 AWG Copper Insulated Single Stranded Conductor	4,237.86	942.15
26 05 26 00-0027	MLF	1/0 AWG Copper Insulated Single Stranded Conductor	5,178.18	942.15
26 05 26 00-0028	MLF	2/0 AWG Copper Insulated Single Stranded Conductor	6,081.32	942.15
26 05 26 00-0029	MLF	3/0 AWG Copper Insulated Single Stranded Conductor	7,258.13	942.15
26 05 26 00-0030	MLF	4/0 AWG Copper Insulated Single Stranded Conductor	8,572.81	1,232.04
26 05 26 00-0031	MLF	250 MCM Copper Insulated Single Stranded Conductor	10,384.25	1,232.04
26 05 26 00-0032	MLF	300 MCM Copper Insulated Single Stranded Conductor	12,108.32	1,232.04
26 05 26 00-0033	MLF	350 MCM Copper Insulated Single Stranded Conductor	14,146.03	1,915.37
26 05 26 00-0034	MLF	500 MCM Copper Insulated Single Stranded Conductor	18,506.17	1,915.37
26 05 26 00-0035		Copper Bare Single Solid Conductors *(26 05 26 00-0002)*		
26 05 26 00-0036	MLF	12 AWG Copper Bare Single Solid Conductor	620.04	227.77
26 05 26 00-0037	MLF	10 AWG Copper Bare Single Solid Conductor	823.08	227.77
26 05 26 00-0038	MLF	8 AWG Copper Bare Single Solid Conductor	1,027.04	274.37
26 05 26 00-0039	MLF	6 AWG Copper Bare Single Solid Conductor	1,420.13	274.37
26 05 26 00-0040	MLF	4 AWG Copper Bare Single Solid Conductor	1,913.36	331.30
26 05 26 00-0041	MLF	2 AWG Copper Bare Single Solid Conductor	3,021.35	331.30
26 05 26 00-0042	MLF	1/0 AWG Copper Bare Single Solid Conductor	4,106.58	398.60
26 05 26 00-0043	MLF	4/0 AWG Copper Bare Single Solid Conductor	7,539.97	528.01
26 05 26 00-0044		Aluminum Bare Single Stranded Conductors *(26 05 26 00-0002)*		
26 05 26 00-0045	MLF	8 AWG Aluminum Bare Single Stranded Conductor	759.69	274.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0046	MLF	6 AWG Aluminum Bare Single Stranded Conductor	843.57	274.37
26 05 26 00-0047	MLF	4 AWG Aluminum Bare Single Stranded Conductor	974.19	331.30
26 05 26 00-0048	MLF	2 AWG Aluminum Bare Single Stranded Conductor	1,243.90	331.30
26 05 26 00-0049	MLF	1 AWG Aluminum Bare Single Stranded Conductor	1,462.73	398.60
26 05 26 00-0050	MLF	1/0 AWG Aluminum Bare Single Stranded Conductor	1,675.86	398.60
26 05 26 00-0051	MLF	2/0 AWG Aluminum Bare Single Stranded Conductor	1,920.99	502.14
26 05 26 00-0052	MLF	3/0 AWG Aluminum Bare Single Stranded Conductor	2,226.54	502.14
26 05 26 00-0053	MLF	4/0 AWG Aluminum Bare Single Stranded Conductor	2,643.62	667.79
26 05 26 00-0054	MLF	250 MCM Aluminum Bare Single Stranded Conductor	2,984.13	667.79
26 05 26 00-0055	MLF	300 MCM Aluminum Bare Single Stranded Conductor	3,613.26	771.33
26 05 26 00-0056	MLF	350 MCM Aluminum Bare Single Stranded Conductor	4,143.98	771.33
26 05 26 00-0057	MLF	500 MCM Aluminum Bare Single Stranded Conductor	4,862.38	952.51
26 05 26 00-0058		**Aluminum Bare Single Solid Conductors** *(26 05 26 00-0002)*		
26 05 26 00-0059	MLF	8 AWG Aluminum Bare Single Solid Conductor	759.69	274.37
26 05 26 00-0060	MLF	6 AWG Aluminum Bare Single Solid Conductor	843.57	274.37
26 05 26 00-0061	MLF	4 AWG Aluminum Bare Single Solid Conductor	974.19	331.30
26 05 26 00-0062	MLF	2 AWG Aluminum Bare Single Solid Conductor	1,243.90	331.30
26 05 26 00-0063	MLF	1 AWG Aluminum Bare Single Solid Conductor	1,420.94	528.01
26 05 26 00-0064	MLF	1/0 AWG Aluminum Bare Single Solid Conductor	1,675.86	528.01
26 05 26 00-0065	MLF	2/0 AWG Aluminum Bare Single Solid Conductor	1,817.48	502.14
26 05 26 00-0066	MLF	3/0 AWG Aluminum Bare Single Solid Conductor	2,018.12	502.14
26 05 26 00-0067	MLF	4/0 AWG Aluminum Bare Single Solid Conductor	2,643.62	667.79
26 05 26 00-0068	MLF	250 MCM Aluminum Bare Single Solid Conductor	2,984.13	667.79
26 05 26 00-0069	MLF	300 MCM Aluminum Bare Single Solid Conductor	3,613.26	771.33
26 05 26 00-0070	MLF	350 MCM Aluminum Bare Single Solid Conductor	4,143.98	771.33
26 05 26 00-0071	MLF	500 MCM Aluminum Bare Single Solid Conductor	4,862.38	952.51
26 05 26 00-0072		**Aluminum Smooth Woven Conductors** *(26 05 26 00-0002)*		
26 05 26 00-0073	LF	10 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.87	0.83
26 05 26 00-0074	LF	16 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.18	0.92
26 05 26 00-0075	LF	24 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.78	1.05
26 05 26 00-0076	LF	26 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.80	1.07
26 05 26 00-0077	LF	28 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.99	1.12
26 05 26 00-0078		**Copper Flexible Braid Connector Jumper Strap** *(26 05 26 00-0001)*		
		Note: Manufactured from flat extra flexible tinned braid. Ferrules are tin plated pure electrolytic copper with 2 holes, on each end.		
26 05 26 00-0079	EA	100 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	137.54	30.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 05 26 00-0080	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	236.35	36.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 05 26 00-0081	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 18" Length	301.92	36.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 05 26 00-0082	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 24" Length	366.60	36.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 05 26 00-0083	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	317.97	39.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.21*	
26 05 26 00-0084	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 18" Length	412.31	39.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.21*	
26 05 26 00-0085	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 24" Length	494.27	39.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.21*	
26 05 26 00-0086	EA	600 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	413.34	49.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.94*	
26 05 26 00-0087	EA	800 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	497.10	60.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 05 26 00-0088		**Bonding Jumper For Metallic Conduit** *(26 05 26 00-0001)*		
26 05 26 00-0089	EA	1/2" To 1" Conductor, Bonding Jumper, Metallic Conduit	184.81	66.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.80*	
26 05 26 00-0090	EA	1-1/4" To 2" Conductor, Bonding Jumper, Metallic Conduit	227.67	66.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.52*	
26 05 26 00-0091	EA	2-1/2" To 4" Conductor, Bonding Jumper, Metallic Conduit	332.40	102.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.98*	
26 05 26 00-0092	EA	5" To 6" Conductor, Bonding Jumper, Metallic Conduit	490.10	102.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.20*	
26 05 26 00-0093		**Ground Rods** *(26 05 26)*		
26 05 26 00-0094		**Copper-Clad Ground Rods** *(26 05 26 00-0093)*		
26 05 26 00-0095	EA	1/2" Diameter x 8' Long Copper-Clad Ground Rods	104.35	90.71
26 05 26 00-0096	EA	5/8" Diameter x 8' Long Copper-Clad Ground Rods	108.95	90.71
26 05 26 00-0097	EA	3/4" Diameter x 8' Long Copper-Clad Ground Rods	127.51	90.71
26 05 26 00-0098	EA	1/2" Diameter x 10' Long Copper-Clad Ground Rods	122.89	90.71
26 05 26 00-0099	EA	5/8" Diameter x 10' Long Copper-Clad Ground Rods	128.63	90.71
26 05 26 00-0100	EA	3/4" Diameter x 10' Long Copper-Clad Ground Rods	151.83	90.71

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0101		**Ground Access Wells** *(26 05 26 00-0093)*		
26 05 26 00-0102		**Precast Ground Access Wells** *(26 05 26 00-0101)*		
26 05 26 00-0103	EA	8" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	268.82	
26 05 26 00-0104	EA	10" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	278.29	
26 05 26 00-0105	EA	12" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	821.67	
26 05 26 00-0106	EA	18" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	831.13	
26 05 26 00-0107		**Polyvinyl Chloride (PVC) Ground Access Well** *(26 05 26 00-0101)*		
26 05 26 00-0108	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	537.08	
26 05 26 00-0109	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	654.95	
26 05 26 00-0110	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	1,446.02	
26 05 26 00-0111	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	406.18	
26 05 26 00-0112	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	492.15	
26 05 26 00-0113	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	1,293.12	
26 05 26 00-0114	EA	8" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	232.05	
26 05 26 00-0115	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	320.38	
26 05 26 00-0116	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	382.15	
26 05 26 00-0117	EA	8" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover	188.05	
26 05 26 00-0118	EA	10" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover	295.08	
26 05 26 00-0119	EA	8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with flat steel cover.	443.16	
26 05 26 00-0120	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with flat steel cover.	612.88	
26 05 26 00-0121	EA	8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with plastic cover.	424.46	
26 05 26 00-0122	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with plastic cover.	456.68	
26 05 26 00-0123	EA	10" Diameter x 36" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron cover, heavy duty.	823.08	
26 05 26 00-0124	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron cover, heavy duty.	1,039.68	
26 05 26 00-0125	EA	12" Diameter x 12" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron cover, heavy duty.	455.68	
26 05 26 00-0126	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron cover, heavy duty.	623.05	
26 05 26 00-0127	EA	12" Diameter x 30" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron cover, heavy duty.	615.52	
26 05 26 00-0128		**Polymer Concrete Ground Access Well** *(26 05 26 00-0101)*		
26 05 26 00-0129	EA	12" x 12" x 12" Polymer Concrete Ground Access Well	517.35	
26 05 26 00-0130	EA	12" x 12" x 12" Heavy Duty Polymer Concrete Ground Access Well	568.01	
26 05 26 00-0131	EA	12" x 12" x 18" Polymer Concrete Ground Access Well	570.38	
26 05 26 00-0132	EA	12" x 12" x 18" Heavy Duty Polymer Concrete Ground Access Well	626.15	
26 05 26 00-0133	EA	12" x 12" x 24" Polymer Concrete Ground Access Well	625.46	
26 05 26 00-0134	EA	12" x 12" x 24" Heavy Duty Polymer Concrete Ground Access Well	686.80	
26 05 26 00-0135	EA	13" x 24" x 18" Polymer Concrete Ground Access Well	836.25	
26 05 26 00-0136	EA	13" x 24" x 18" Heavy Duty Polymer Concrete Ground Access Well	919.97	
26 05 26 00-0137		**High Density Polyethylene (HDPE) Ground Access Well** *(26 05 26 00-0101)*		
26 05 26 00-0138	EA	9" Diameter x 10" Deep High Density Polyethylene (HDPE) Ground Access Well Note: With cover.	185.95	
26 05 26 00-0139	EA	14" Diameter x 18" Deep High Density Polyethylene (HDPE) Ground Access Well Note: With cover.	259.85	
26 05 26 00-0140		**Clay Tile Ground Access Wells** *(26 05 26 00-0101)*		
26 05 26 00-0141	EA	8" Diameter x 24" Deep Clay Tile Ground Access Well With Concrete Cover	294.35	
26 05 26 00-0142	EA	8" Diameter x 24" Deep Clay Tile Ground Access Well With Cast Iron Grated Cover	309.90	
26 05 26 00-0143	EA	Concrete Cover For 8" Diameter x 24" Deep Clay Tile Ground Access Well	95.04	
26 05 26 00-0144		**Copper Grounding Shaft** *(26 05 26 00-0093)*		
26 05 26 00-0145	EA	2-1/8" Diameter x 10' Long Copper Grounding Shaft	312.27	90.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0146	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 10' Horizontal Copper Grounding Shaft	386.61	90.71
26 05 26 00-0147	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 20' Horizontal Copper Grounding Shaft	590.01	90.71
26 05 26 00-0148		**Ground Rod Clamps And Fittings** *(26 05 26)*		
26 05 26 00-0149		**Bronze Ground Rod Clamp** *(26 05 26 00-0148)*		
26 05 26 00-0150	EA	1/2" Bronze Ground Rod Clamp	24.65	13.67
26 05 26 00-0151	EA	5/8" Bronze Ground Rod Clamp	25.81	13.67
26 05 26 00-0152	EA	3/4" Bronze Ground Rod Clamp	27.45	13.67
26 05 26 00-0153		**Bronze Pipe Clamps** *(26 05 26 00-0148)*		
26 05 26 00-0154	EA	1/2" To 1" Bronze Pipe Ground Clamps	33.28	22.74
26 05 26 00-0155	EA	1-1/4" To 2" Bronze Ground Clamps For Pipe	43.03	27.21
26 05 26 00-0156	EA	2-1/2" To 3" Bronze Ground Clamps For Pipe	67.66	31.81
26 05 26 00-0157	EA	2-1/2" To 4" Bronze Ground Clamps For Pipe	81.93	40.88
26 05 26 00-0158	EA	4" To 6" Bronze Ground Clamps For Pipe	126.87	59.02
26 05 26 00-0159		**Grounding Fittings** *(26 05 26 00-0148)*		
26 05 26 00-0160		**Embedded Fittings** *(26 05 26 00-0159)*		
26 05 26 00-0161	EA	Ground Insert With Two 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded	166.04	
26 05 26 00-0162	EA	Ground Insert With Four 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded	176.54	
26 05 26 00-0163	EA	Ground Insert With Four 3/8 x 16 Holes 250 To 500 MCM Cable Range, Embedded	195.17	
26 05 26 00-0164	EA	#8 To 1 AWG, Copper To Aluminum, Grounding Wire Splice	160.32	
26 05 26 00-0165	EA	1/0 To 3/0 AWG, Copper To Aluminum, Grounding Wire Splice	192.07	
26 05 26 00-0166	EA	4/0 To 300 MCM, Copper To Aluminum, Grounding Wire Splice	225.36	
26 05 26 00-0167	EA	350 To 500 MCM, Copper To Aluminum, Grounding Wire Splice	254.11	
26 05 26 00-0168		**Ground Rod Receptacle** *(26 05 26 00-0159)*		
26 05 26 00-0169	EA	1/2" Ground Rod Receptacle	358.61	125.79
26 05 26 00-0170	EA	5/8" Ground Rod Receptacle	374.98	129.34
26 05 26 00-0171	EA	3/4" Ground Rod Receptacle	391.73	132.85
26 05 26 00-0172		**Ground Kits For Circuit Breaker Panels** *(26 05 26 00-0159)*		
26 05 26 00-0173	EA	14-8 AWG Copper Ground Kit	80.26	30.24
26 05 26 00-0174	EA	12-8 AWG Aluminum Ground Kit	85.20	30.24
26 05 26 00-0175	EA	14-4 AWG Copper Ground Kit	89.08	30.24
26 05 26 00-0176	EA	12-4 AWG Aluminum Ground Kit	102.50	30.24
26 05 26 00-0177		**Insulated Grounding Bars** *(26 05 26 00-0148)*		
26 05 26 00-0178	EA	1/2" x 4" x 10" Insulated Ground Bar	336.77	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.43*	
26 05 26 00-0179	EA	Insulated Ground Bar SK 9560 1/2" x 4" x 20"	353.83	30.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.43*	
26 05 26 00-0180		**Ground Conductor Bonding** *(26 05 26)*		
26 05 26 00-0181		**Ground Conductor Bonding** *(26 05 26 00-0180)*		
26 05 26 00-0182		**Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld** *(26 05 26 00-0181)*		
26 05 26 00-0183	EA	Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	139.97	
26 05 26 00-0184	EA	#4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	152.06	
26 05 26 00-0185	EA	1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	164.15	
26 05 26 00-0186	EA	250 To 1,000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	236.72	
26 05 26 00-0187		**Tee, Wye Or Cross Cadweld** *(26 05 26 00-0181)*		
26 05 26 00-0188	EA	Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	158.11	
26 05 26 00-0189	EA	#4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	182.29	
26 05 26 00-0190	EA	1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	224.63	
26 05 26 00-0191	EA	250 To 1,000 MCM AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	273.00	
26 05 26 00-0192		**Grounding Equipment** *(26 05 26)*		
26 05 26 00-0193		**Special Grounding Equipment** *(26 05 26 00-0192)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0194		Ground Reels And Ground Bus *(26 05 26 00-0193)*		
26 05 26 00-0195	EA	Ground Reel With 50' Of Galvanized Steel Cable	790.25	
26 05 26 00-0196		Copper Bars *(26 05 26 00-0193)*		
26 05 26 00-0197	LF	1/4" x 2" Copper Bar	45.62	
26 05 26 00-0198		Phenolic Insulators *(26 05 26 00-0193)*		
26 05 26 00-0199	EA	2" x 2" x 1" Long Phenolic Insulators	32.10	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 26 00-0200		Grounding Studs *(26 05 26 00-0193)*		
26 05 26 00-0201	EA	Ball Grounding Stud	46.46	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.83*	
26 05 26 00-0202		Equipment Ground Bar Kits *(26 05 26 00-0193)*		
26 05 26 00-0203	EA	Switch Rating 30 Ground Bar Kit	36.06	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 26 00-0204	EA	Switch Rating 60 Ground Bar Kit	46.15	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.98*	
26 05 26 00-0205	EA	Switch Rating 100 Ground Bar Kit	53.80	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 05 26 00-0206	EA	Switch Rating 200 Ground Bar Kit	93.63	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.89*	
26 05 26 00-0207		Panelboard Ground Bar Kits *(26 05 26 00-0193)*		
26 05 26 00-0208	EA	Panelboard Ground Bar Kit	136.16	9.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 05 26 00-0209		Circuit Breaker Ground Bar Kits *(26 05 26 00-0193)*		
26 05 26 00-0210	EA	3 Circuit, Ground Bar Kit	30.01	5.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 26 00-0211	EA	4 Circuit, Ground Bar Kit	29.46	5.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 26 00-0212	EA	7 Circuit, Ground Bar Kit	30.38	5.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 26 00-0213	EA	12 Circuit, Ground Bar Kit	34.45	6.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.17*	
26 05 26 00-0214	EA	20 Circuit, Ground Bar Kit	39.23	6.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.89*	
26 05 26 00-0215	EA	24 Circuit, Ground Bar Kit	43.30	7.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.62*	
26 05 26 00-0216	EA	30 Circuit, Ground Bar Kit	48.38	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.71*	
26 05 26 00-0217	EA	54 Circuit, Ground Bar Kit	55.97	10.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.16*	
26 05 26 00-0218	EA	24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	61.74	7.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.62*	
26 05 26 00-0219	EA	30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	68.28	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.71*	
26 05 26 00-0220	EA	54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	76.06	10.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.16*	

26 05 29 Hangers and Supports for Electrical Systems *(26 05)*

26 05 29 00-0001		Metal Framing Channel And Fittings *(26 05 29)* See CSI section 05 43 00 00-0001 for additional unistrut fittings.		
26 05 29 00-0002		Metal Framing Channel *(26 05 29 00-0001)* Note: Excludes fasteners and accessories.		
26 05 29 00-0003		14 Gauge Metal Framing Channels *(26 05 29 00-0002)*		
26 05 29 00-0004		14 Gauge, Steel Unistrut Channel *(26 05 29 00-0003)*		
26 05 29 00-0005	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	22.41	6.63
26 05 29 00-0006	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	26.02	6.63
26 05 29 00-0007	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	11.92	2.50
26 05 29 00-0008		14 Gauge, 304 Stainless Steel Unistrut Channel *(26 05 29 00-0003)*		
26 05 29 00-0009	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	43.91	6.63
26 05 29 00-0010	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	49.13	6.63
26 05 29 00-0011	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	69.02	6.63
26 05 29 00-0012	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	79.47	6.63
26 05 29 00-0013	LF	>2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	33.42	2.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0014	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	38.64	2.50
26 05 29 00-0015		**14 Gauge, 316 Stainless Steel Unistrut Channel** *(26 05 29 00-0003)*		
26 05 29 00-0016	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	66.45	6.63
26 05 29 00-0017	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	114.10	6.63
26 05 29 00-0018	LF	>2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	55.96	2.50
26 05 29 00-0019		**12 Gauge Metal Framing Channels** *(26 05 29 00-0002)*		
26 05 29 00-0020		**12 Gauge, Steel Unistrut Channel** *(26 05 29 00-0019)*		
26 05 29 00-0021	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	24.10	6.63
26 05 29 00-0022	EA	Up To 1' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	23.52	6.63
26 05 29 00-0023	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	23.15	6.63
26 05 29 00-0024	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	29.41	6.63
26 05 29 00-0025	EA	>1' To 2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	28.26	6.63
26 05 29 00-0026	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	27.52	6.63
26 05 29 00-0027	LF	>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	13.61	2.50
26 05 29 00-0028	LF	>2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	13.03	2.50
26 05 29 00-0029	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	12.66	2.50
26 05 29 00-0030		**12 Gauge, 304 Stainless Steel Unistrut Channel** *(26 05 29 00-0019)*		
26 05 29 00-0031	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	50.86	6.63
26 05 29 00-0032	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	59.86	6.63
26 05 29 00-0033	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	82.92	6.63
26 05 29 00-0034	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	100.93	6.63
26 05 29 00-0035	LF	>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	40.37	2.50
26 05 29 00-0036	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	49.37	2.50
26 05 29 00-0037		**Metal Framing Channel Fittings** *(26 05 29 00-0001)*		
26 05 29 00-0038		**Unistrut Channel Closure Strips And Caps** *(26 05 29 00-0037)*		
26 05 29 00-0039		**Steel Unistrut Channel Closure Strips And Caps** *(26 05 29 00-0038)*		
26 05 29 00-0040	LF	Steel Raceway Closure Strip, Unistrut Channel Fittings	6.99	0.60
26 05 29 00-0041	EA	Steel End Cap, Unistrut Channel Fittings	14.40	6.05
26 05 29 00-0042		**Stainless Steel Unistrut Channel Closure Strips And Caps** *(26 05 29 00-0038)*		
26 05 29 00-0043	EA	Stainless Steel End Cap For Unistrut Channel	25.60	6.05
26 05 29 00-0044		**Flat Splice Plate, Unistrut Channel Fittings** *(26 05 29 00-0037)*		
26 05 29 00-0045		**Steel Flat Splice Plate, Unistrut Channel Fittings** *(26 05 29 00-0044)*		
26 05 29 00-0046	EA	2-Hole, 3-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	6.89	
26 05 29 00-0047	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	6.84	
26 05 29 00-0048	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	8.34	
26 05 29 00-0049		**Stainless Steel Flat Splice Plate, Unistrut Channel Fittings** *(26 05 29 00-0044)*		
26 05 29 00-0050	EA	2-Hole, 3-1/2" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	24.36	
26 05 29 00-0051	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	36.61	
26 05 29 00-0052	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	46.97	
26 05 29 00-0053		**90 Degree Angle, Unistrut Channel Fittings** *(26 05 29 00-0037)*		
26 05 29 00-0054		**Steel 90 Degree Angle, Unistrut Channel Fittings** *(26 05 29 00-0053)*		
26 05 29 00-0055	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, Steel, Unistrut Channel Fitting	6.66	
26 05 29 00-0056	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, Steel, Unistrut Channel Fitting	5.57	
26 05 29 00-0057	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	9.65	
26 05 29 00-0058	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	9.52	
26 05 29 00-0059		**Stainless Steel 90 Degree Angle, Unistrut Channel Fittings** *(26 05 29 00-0053)*		
26 05 29 00-0060	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	13.63	
26 05 29 00-0061	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	17.22	
26 05 29 00-0062	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	14.49	
26 05 29 00-0063	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	20.90	
26 05 29 00-0064	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	19.04	
26 05 29 00-0065	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	35.76	
26 05 29 00-0066	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	20.05	
26 05 29 00-0067	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	29.42	
26 05 29 00-0068		**60 Degree Angle, Unistrut Channel Fittings** *(26 05 29 00-0037)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0069		**Steel 60 Degree Angle, Unistrut Channel Fittings** *(26 05 29 00-0068)*		
26 05 29 00-0070	EA	2-Hole, 1-7/8" x 3-3/8", 60 Degree Angle, Steel, Unistrut Channel Fitting	13.82	
26 05 29 00-0071		**U-Connector, Unistrut Channel Fittings** *(26 05 29 00-0037)*		
26 05 29 00-0072		**Steel, U-Connector, Unistrut Channel Fittings** *(26 05 29 00-0071)*		
26 05 29 00-0073	EA	3-Hole, 1-5/8" x 13/16", U-Connector, Steel, Unistrut Channel Fitting	4.86	
26 05 29 00-0074	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, Steel, Unistrut Channel Fitting	5.42	
26 05 29 00-0075		**Stainless Steel, U-Connector, Unistrut Channel Fittings** *(26 05 29 00-0071)*		
26 05 29 00-0076	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, 304 Stainless Steel, Unistrut Channel Fitting	29.20	
26 05 29 00-0077		**Z-Bracket, Unistrut Channel Fittings** *(26 05 29 00-0037)*		
26 05 29 00-0078		**Steel Z-Bracket, Unistrut Channel Fittings** *(26 05 29 00-0077)*		
26 05 29 00-0079	EA	3-Hole, Z-Bracket, Steel, Unistrut Channel Fitting	14.19	
26 05 29 00-0080		**Stainless Steel Z-Bracket, Unistrut Channel Fittings** *(26 05 29 00-0077)*		
26 05 29 00-0081	EA	3-Hole, Z-Bracket, 304 Stainless Steel, Unistrut Channel Fitting	57.51	
26 05 29 00-0082		**Standard Pipe And Rigid Conduit Clamps For Unistrut Channel** *(26 05 29 00-0037)* Note: Includes hex screw and nut.		
26 05 29 00-0083		**Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel** *(26 05 29 00-0082)* Note: Includes hex screw and nut.		
26 05 29 00-0084	EA	1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.24	1.82
26 05 29 00-0085	EA	3/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.26	1.82
26 05 29 00-0086	EA	1" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.39	1.82
26 05 29 00-0087	EA	1-1/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.78	2.42
26 05 29 00-0088	EA	1-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.44	2.42
26 05 29 00-0089	EA	2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.50	2.42
26 05 29 00-0090	EA	2-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.17	3.03
26 05 29 00-0091	EA	3" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.75	3.03
26 05 29 00-0092	EA	3-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	10.31	3.03
26 05 29 00-0093	EA	4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	10.51	3.03
26 05 29 00-0094		**304 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel** *(26 05 29 00-0082)* Note: Includes hex screw and nut.		
26 05 29 00-0095	EA	1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	10.20	1.82
26 05 29 00-0096	EA	3/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	11.57	1.82
26 05 29 00-0097	EA	1" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	12.93	1.82
26 05 29 00-0098	EA	1-1/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	15.95	2.42
26 05 29 00-0099	EA	1-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	19.74	2.42
26 05 29 00-0100	EA	2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	20.74	2.42
26 05 29 00-0101	EA	2-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	24.79	3.03
26 05 29 00-0102	EA	3" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	28.16	3.03
26 05 29 00-0103	EA	3-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	29.61	3.03
26 05 29 00-0104	EA	4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	34.97	3.03
26 05 29 00-0105		**316 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel** *(26 05 29 00-0082)* Note: Includes hex screw and nut.		
26 05 29 00-0106	EA	1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	11.03	1.82
26 05 29 00-0107	EA	3/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	12.97	1.82
26 05 29 00-0108	EA	1" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	13.51	1.82
26 05 29 00-0109	EA	1-1/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	16.22	2.42
26 05 29 00-0110	EA	1-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	22.85	2.42
26 05 29 00-0111	EA	2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	23.19	2.42
26 05 29 00-0112	EA	2-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	27.35	3.03
26 05 29 00-0113	EA	3" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	29.06	3.03
26 05 29 00-0114	EA	3-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	41.29	3.03
26 05 29 00-0115	EA	4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	48.76	3.03
26 05 29 00-0116		**Beam Clamps, Unistrut Channel Fittings** *(26 05 29 00-0037)*		
26 05 29 00-0117		**Steel Beam Clamps, Unistrut Channel Fittings** *(26 05 29 00-0116)*		
26 05 29 00-0118	EA	Set Screw Beam Clamp, Steel Unistrut Channel Fitting	38.97	11.05
26 05 29 00-0119	EA	"C" Beam Clamp Use With 1/2" Rod, Steel Unistrut Channel Fittings	25.98	11.05
26 05 29 00-0120	EA	"U" Bolt Beam Clamp, Steel Unistrut Channel Fitting	37.65	11.05

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0121			304 Stainless Steel Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0116)*		
	26 05 29 00-0122	EA	"U" Bolt Beam Clamp, 304 Stainless Steel Unistrut Channel Fitting	62.54	11.05
26 05 29 00-0123			Square Washers For Unistrut Channel *(26 05 29 00-0037)*		
26 05 29 00-0124			Steel Square Washers For Unistrut Channel *(26 05 29 00-0123)*		
	26 05 29 00-0125	EA	1/2" Bolt Size, Steel, Square Washer For Unistrut Channel	4.85	
26 05 29 00-0126			Stainless Steel Square Washers For Unistrut Channel *(26 05 29 00-0123)*		
	26 05 29 00-0127	EA	1/2" Bolt Size, 304 Stainless Steel, Square Washer For Unistrut Channel	6.51	
	26 05 29 00-0128	EA	1/2" Bolt Size, 316 Stainless Steel, Square Washer For Unistrut Channel	6.38	
26 05 29 00-0129			Strut Braces, Unistrut Channel Fittings *(26 05 29 00-0037)*		
	26 05 29 00-0130	EA	16" Diagonal Steel Bar Brace For Unistrut Channel	39.05	
26 05 29 00-0131			Trolley Hangers, Unistrut Channel Fittings *(26 05 29 00-0037)*		
	26 05 29 00-0132	EA	Steel Trolley Track Hanger For Unistrut Channel	48.49	
26 05 29 00-0133			Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0037)*		
			Note: Includes hex bolt.		
26 05 29 00-0134			Steel Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0133)*		
			Note: Includes hex bolt.		
	26 05 29 00-0135	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	8.29	
	26 05 29 00-0136	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	9.08	
	26 05 29 00-0137	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	9.67	
	26 05 29 00-0138	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	12.88	
26 05 29 00-0139			Stainless Steel Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0133)*		
			Note: Includes hex bolt.		
	26 05 29 00-0140	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	18.29	
	26 05 29 00-0141	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	19.56	
	26 05 29 00-0142	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	28.30	
	26 05 29 00-0143	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	49.46	
26 05 29 00-0144			Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0037)*		
			Note: Includes hex bolt.		
26 05 29 00-0145			Steel Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0144)*		
			Note: Includes hex bolt.		
	26 05 29 00-0146	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	8.31	
	26 05 29 00-0147	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	9.19	
	26 05 29 00-0148	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	9.72	
	26 05 29 00-0149	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	13.81	
26 05 29 00-0150			Stainless Steel Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0144)*		
			Note: Includes hex bolt.		
	26 05 29 00-0151	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	12.68	
	26 05 29 00-0152	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	15.60	
	26 05 29 00-0153	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	17.13	
	26 05 29 00-0154	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	48.14	
26 05 29 00-0155			Mounting Assemblies *(26 05 29)*		
26 05 29 00-0156			Galvanized Steel Mounting Assemblies *(26 05 29 00-0155)*		
26 05 29 00-0157			Galvanized Steel Back Plate *(26 05 29 00-0156)*		
	26 05 29 00-0158	EA	1/4" x 4' x 4', Galvanized Steel Back Plate, Painted	522.69	72.57
	26 05 29 00-0159	EA	3/8" x 14" x 16", Galvanized Steel Back Plate, Painted	128.61	24.19
	26 05 29 00-0160	EA	3/16" x 30" x 48", Galvanized Steel Back Plate, Painted	325.73	60.47
26 05 29 00-0161			Aluminum Mounting Assemblies *(26 05 29 00-0155)*		
26 05 29 00-0162			Aluminum Back Plate *(26 05 29 00-0161)*		
	26 05 29 00-0163	EA	3/16" x 2' x 2' Aluminum Back Plate	441.98	90.71
	26 05 29 00-0164	EA	3/16" x 4' x 4' Aluminum Back Plate	1,262.68	90.71
26 05 29 00-0165			Supports *(26 05 29)*		
26 05 29 00-0166			One Hole Steel Conduit Straps *(26 05 29 00-0165)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0167	EA	1/2", One Hole Steel Conduit Strap	4.38	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.21*	
26 05 29 00-0168	EA	3/4", One Hole Steel Conduit Strap	4.43	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.22*	
26 05 29 00-0169	EA	1", One Hole Steel Conduit Strap	4.68	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.24*	
26 05 29 00-0170	EA	1-1/4", One Hole Steel Conduit Strap	4.86	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.26*	
26 05 29 00-0171	EA	1-1/2", One Hole Steel Conduit Strap	4.98	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.86*	
		For >500, Deduct	*-1.27*	
26 05 29 00-0172	EA	2", One Hole Steel Conduit Strap	5.72	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.35*	
26 05 29 00-0173	EA	2-1/2", One Hole Steel Conduit Strap	6.48	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.97*	
		For >500, Deduct	*-1.42*	
26 05 29 00-0174	EA	3", One Hole Steel Conduit Strap	6.74	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.99*	
		For >500, Deduct	*-1.45*	
26 05 29 00-0175	EA	3-1/2", One Hole Steel Conduit Strap	7.99	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.08*	
		For >500, Deduct	*-1.57*	
26 05 29 00-0176	EA	4", One Hole Steel Conduit Strap	8.98	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.16*	
		For >500, Deduct	*-1.67*	

26 05 29 00-0177 One Hole Iron Conduit Straps *(26 05 29 00-0165)*

26 05 29 00-0178	EA	1/2", One Hole Iron Conduit Strap	4.50	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0179	EA	3/4", One Hole Iron Conduit Strap	4.62	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.24*	
26 05 29 00-0180	EA	1", One Hole Iron Conduit Strap	4.84	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.26*	
26 05 29 00-0181	EA	1-1/4", One Hole Iron Conduit Strap	5.36	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.31*	
26 05 29 00-0182	EA	1-1/2", One Hole Iron Conduit Strap	5.56	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.90*	
		For >500, Deduct	*-1.33*	
26 05 29 00-0183	EA	2", One Hole Iron Conduit Strap	6.88	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-1.00*	
		For >500, Deduct	*-1.46*	
26 05 29 00-0184	EA	2-1/2", One Hole Iron Conduit Strap	9.71	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.21*	
		For >500, Deduct	*-1.75*	
26 05 29 00-0185	EA	3", One Hole Iron Conduit Strap	12.06	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.98*	
26 05 29 00-0186	EA	3-1/2", One Hole Iron Conduit Strap	15.51	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.48*	
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-2.33*	
26 05 29 00-0187	EA	4", One Hole Iron Conduit Strap	29.30	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.83*	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.70*	
26 05 29 00-0188	EA	5", One Hole Iron Conduit Strap	36.71	
		For Work In Restricted Working Space, Add	*1.16*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-1.01*	
		For >100 To 250, Deduct	*-2.03*	
		For >250 To 500, Deduct	*-3.24*	
		For >500, Deduct	*-4.45*	

26 05 29 00-0189 Two Hole Steel Conduit Straps *(26 05 29 00-0165)*

26 05 29 00-0190	EA	1/2", Two Hole Steel Conduit Strap	5.08	
		For Work In Restricted Working Space, Add	*1.31*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.29*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.92*	
		For >500, Deduct	*-1.38*	
26 05 29 00-0191	EA	3/4", Two Hole Steel Conduit Strap	5.17	
		For Work In Restricted Working Space, Add	*1.31*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.29*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.93*	
		For >500, Deduct	*-1.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0192	EA	1", Two Hole Steel Conduit Strap	5.21	
		For Work In Restricted Working Space, Add	*1.31*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.29*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.93*	
		For >500, Deduct	*-1.39*	
26 05 29 00-0193	EA	1-1/4", Two Hole Steel Conduit Strap	5.27	
		For Work In Restricted Working Space, Add	*1.31*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.29*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.94*	
		For >500, Deduct	*-1.40*	
26 05 29 00-0194	EA	1-1/2", Two Hole Steel Conduit Strap	5.31	
		For Work In Restricted Working Space, Add	*1.31*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.29*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.94*	
		For >500, Deduct	*-1.40*	
26 05 29 00-0195	EA	2", Two Hole Steel Conduit Strap	5.41	
		For Work In Restricted Working Space, Add	*1.31*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.29*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.95*	
		For >500, Deduct	*-1.41*	
26 05 29 00-0196	EA	2-1/2", Two Hole Steel Conduit Strap	5.98	
		For Work In Restricted Working Space, Add	*1.31*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.29*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.99*	
		For >500, Deduct	*-1.47*	
26 05 29 00-0197	EA	3", Two Hole Steel Conduit Strap	6.10	
		For Work In Restricted Working Space, Add	*1.31*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.29*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-1.00*	
		For >500, Deduct	*-1.48*	
26 05 29 00-0198	EA	3-1/2", Two Hole Steel Conduit Strap	6.55	
		For Work In Restricted Working Space, Add	*1.31*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.29*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-1.04*	
		For >500, Deduct	*-1.53*	
26 05 29 00-0199	EA	4", Two Hole Steel Conduit Strap	6.85	
		For Work In Restricted Working Space, Add	*1.31*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.29*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-1.06*	
		For >500, Deduct	*-1.56*	
26 05 29 00-0200	EA	5", Two Hole Steel Conduit Strap	7.26	
		For Work In Restricted Working Space, Add	*1.31*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.29*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.09*	
		For >500, Deduct	*-1.60*	

26 05 29 00-0201 Clamp Back Spacers *(26 05 29 00-0165)*

26 05 29 00-0202	EA	1/2" Conduit, Clamp Back Spacer	4.08	
		For Work In Restricted Working Space, Add	*0.91*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.86*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.01*	
26 05 29 00-0203	EA	3/4" Conduit, Clamp Back Spacer	4.43	
		For Work In Restricted Working Space, Add	*0.91*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.86*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.05*	
26 05 29 00-0204	EA	1" Conduit, Clamp Back Spacer	4.75	
		For Work In Restricted Working Space, Add	*0.91*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.86*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0205	EA	1-1/4" Conduit, Clamp Back Spacer	6.01	
		For Work In Restricted Working Space, Add	*0.91*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.86*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.21*	
26 05 29 00-0206	EA	1-1/2" Conduit, Clamp Back Spacer	7.03	
		For Work In Restricted Working Space, Add	*0.91*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.86*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.31*	
26 05 29 00-0207	EA	2" Conduit, Clamp Back Spacer	8.09	
		For Work In Restricted Working Space, Add	*0.91*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.86*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.99*	
		For >500, Deduct	*-1.42*	
26 05 29 00-0208	EA	2-1/2" Conduit, Clamp Back Spacer	12.43	
		For Work In Restricted Working Space, Add	*0.91*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.86*	
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.31*	
		For >500, Deduct	*-1.85*	
26 05 29 00-0209	EA	3" Conduit, Clamp Back Spacer	17.61	
		For Work In Restricted Working Space, Add	*0.91*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.86*	
		For >50 To 100, Deduct	*-0.52*	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.37*	
26 05 29 00-0210	EA	3-1/2" Conduit, Clamp Back Spacer	22.64	
		For Work In Restricted Working Space, Add	*0.91*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.86*	
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-1.28*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.87*	
26 05 29 00-0211	EA	4" Conduit, Clamp Back Spacer	46.26	
		For Work In Restricted Working Space, Add	*0.91*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.86*	
		For >50 To 100, Deduct	*-1.23*	
		For >100 To 250, Deduct	*-2.46*	
		For >250 To 500, Deduct	*-3.85*	
		For >500, Deduct	*-5.23*	
26 05 29 00-0212	EA	5" Conduit, Clamp Back Spacer	86.14	
		For Work In Restricted Working Space, Add	*0.91*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.86*	
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 250, Deduct	*-4.46*	
		For >250 To 500, Deduct	*-6.84*	
		For >500, Deduct	*-9.22*	

26 05 29 00-0213 Conduit Clips *(26 05 29 00-0165)*

Note: Push in or clip.

26 05 29 00-0214	EA	1/2" Conduit Clip	4.98	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.86*	
		For >500, Deduct	*-1.27*	
26 05 29 00-0215	EA	3/4" Conduit Clip	4.98	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.86*	
		For >500, Deduct	*-1.27*	
26 05 29 00-0216	EA	1" Conduit Clip	4.90	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.26*	
26 05 29 00-0217	EA	1-1/4" Conduit Clip	5.11	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.07*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.87*	
		For >500, Deduct	*-1.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0218		**Bolt And Nut Conduit Clips** *(26 05 29 00-0165)*		
26 05 29 00-0219	EA	3/4" Bolt And Nut Conduit Clip (Minerallac 1B)	6.19	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.31*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-1.07*	
		For >500, Deduct	*-1.59*	
26 05 29 00-0220	EA	1" Bolt And Nut Conduit Clip (Minerallac 2B)	6.41	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.31*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-1.09*	
		For >500, Deduct	*-1.61*	
26 05 29 00-0221	EA	1-1/4" Bolt And Nut Conduit Clip (Minerallac 2-1/2B)	6.83	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.39*	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.15*	
		For >500, Deduct	*-1.71*	
26 05 29 00-0222	EA	1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B)	6.95	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.39*	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.16*	
		For >500, Deduct	*-1.72*	
26 05 29 00-0223	EA	2" Bolt And Nut Conduit Clip (Minerallac 5B)	7.77	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.39*	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.23*	
		For >500, Deduct	*-1.81*	
26 05 29 00-0224	EA	2-1/2" Bolt And Nut Conduit Clip (Minerallac 6B)	8.42	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.46*	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.31*	
		For >500, Deduct	*-1.93*	
26 05 29 00-0225	EA	3" Bolt And Nut Conduit Clip (Minerallac 7B)	9.15	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.46*	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.37*	
		For >500, Deduct	*-2.00*	
26 05 29 00-0226	EA	4" Bolt And Nut Conduit Clip (Minerallac 9B)	16.64	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.61*	
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.87*	
26 05 29 00-0227		**Conduit Hanger From Flange, Wire Or Rod** *(26 05 29 00-0165)*		
		Note: Bat wing.		
26 05 29 00-0228	EA	1/2", Conduit Hanger From Flange, Wire Or Rod	3.61	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.83*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.94*	
26 05 29 00-0229	EA	3/4", Conduit Hanger From Flange, Wire Or Rod	3.67	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.83*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.64*	
		For >500, Deduct	*-0.95*	
26 05 29 00-0230	EA	1", Conduit Hanger From Flange, Wire Or Rod	3.83	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.83*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.65*	
		For >500, Deduct	*-0.97*	
26 05 29 00-0231	EA	1-1/4", Conduit Hanger From Flange, Wire Or Rod	4.24	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.83*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.01*	
26 05 29 00-0232		**Beam Flange Clamps** *(26 05 29 00-0165)*		
		Note: For threaded rod, nut not required.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0233	EA	1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24)	5.34	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.14*	
26 05 29 00-0234	EA	5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58)	5.23	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.13*	
26 05 29 00-0235	EA	9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912)	5.87	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.19*	
26 05 29 00-0236		**T-Bar Support Clips** *(26 05 29 00-0165)*		
26 05 29 00-0237	EA	9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95)	8.84	
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.42*	
		For >500, Deduct	*-2.09*	
26 05 29 00-0238	EA	15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS)	8.35	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.72*	
		For >250 To 500, Deduct	*-1.38*	
		For >500, Deduct	*-2.04*	
26 05 29 00-0239	EA	15/16 Grid Size, Twist On T-Bar Support Clip (Caddy 4G16)	3.23	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.63*	
26 05 29 00-0240	EA	24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512)	27.12	
		For >50 To 100, Deduct	*-0.74*	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-3.20*	
26 05 29 00-0241		**Switch And Outlet Box Type Supports** *(26 05 29 00-0165)*		
26 05 29 00-0242	EA	1/4" To 3/4" Drywall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS)	6.64	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.15*	
26 05 29 00-0243	EA	1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500)	5.60	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.72*	
		For >500, Deduct	*-1.04*	
26 05 29 00-0244	EA	Flush, Riveted Switch And Outlet Box Support (Caddy MFO)	6.49	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.13*	
26 05 29 00-0245	EA	Snap On, Switch And Outlet Box Support (Caddy MSF)	4.12	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.90*	
26 05 29 00-0246	EA	1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI)	4.31	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.92*	
26 05 29 00-0247		**Lighting Fixture Hanger** *(26 05 29 00-0165)*		
		Note: For existing or owner furnished fixtures.		
26 05 29 00-0248	EA	Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515)	5.85	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-1.04*	
		For >500, Deduct	*-1.55*	
26 05 29 00-0249	PR	Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517)	21.27	
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-3.10*	
26 05 29 00-0250	PR	Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520)	29.37	
		For >50 To 100, Deduct	*-0.86*	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.91*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0251		Rigid Steel Conduit Clamps For Unistrut Channel *(26 05 29 00-0165)*		
26 05 29 00-0252	EA	1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.24	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.25*	
		For Work In Restricted Working Space, Add	*1.09*	
26 05 29 00-0253	EA	3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.26	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.25*	
		For Work In Restricted Working Space, Add	*1.09*	
26 05 29 00-0254	EA	1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.39	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.86*	
		For >500, Deduct	*-1.27*	
		For Work In Restricted Working Space, Add	*1.09*	
26 05 29 00-0255	EA	1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.77	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.11*	
		For >500, Deduct	*-1.65*	
		For Work In Restricted Working Space, Add	*1.45*	
26 05 29 00-0256	EA	1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	7.43	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.16*	
		For >500, Deduct	*-1.71*	
		For Work In Restricted Working Space, Add	*1.45*	
26 05 29 00-0257	EA	2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	7.49	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.17*	
		For >500, Deduct	*-1.72*	
		For Work In Restricted Working Space, Add	*1.45*	
26 05 29 00-0258	EA	2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	9.16	
		For >50 To 100, Deduct	*-0.38*	
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.44*	
		For >500, Deduct	*-2.12*	
		For Work In Restricted Working Space, Add	*1.81*	
26 05 29 00-0259	EA	3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	9.74	
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-2.18*	
		For Work In Restricted Working Space, Add	*1.81*	
26 05 29 00-0260	EA	3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	10.30	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-2.24*	
		For Work In Restricted Working Space, Add	*1.81*	
26 05 29 00-0261	EA	4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	10.50	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-2.26*	
		For Work In Restricted Working Space, Add	*1.81*	
26 05 29 00-0262		Electrical Metallic Tubing (EMT) Conduit Clamps For Unistrut Channel *(26 05 29 00-0165)*		
26 05 29 00-0263	EA	1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.66	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.88*	
		For >500, Deduct	*-1.29*	
		For Work In Restricted Working Space, Add	*1.09*	
26 05 29 00-0264	EA	3/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.61	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.87*	
		For >500, Deduct	*-1.29*	
		For Work In Restricted Working Space, Add	*1.09*	
26 05 29 00-0265	EA	1" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.55	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.87*	
		For >500, Deduct	*-1.28*	
		For Work In Restricted Working Space, Add	*1.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0266	EA	1-1/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	7.29	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.15*	
		For >500, Deduct	*-1.70*	
		For Work In Restricted Working Space, Add	*1.45*	
26 05 29 00-0267	EA	1-1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	8.43	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.24*	
		For >500, Deduct	*-1.81*	
		For Work In Restricted Working Space, Add	*1.45*	
26 05 29 00-0268	EA	2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	8.50	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.24*	
		For >500, Deduct	*-1.82*	
		For Work In Restricted Working Space, Add	*1.45*	
26 05 29 00-0269		"J" Type Conduit Hangers *(26 05 29 00-0165)*		
26 05 29 00-0270	EA	1/2", "J" Type Conduit Hanger (Unistrut J1205)	25.47	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.97*	
		For >500, Deduct	*-4.24*	
		For Work In Restricted Working Space, Add	*2.54*	
26 05 29 00-0271	EA	3/4", "J" Type Conduit Hanger (Unistrut J1207)	25.77	
		For >50 To 100, Deduct	*-0.86*	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.99*	
		For >500, Deduct	*-4.27*	
		For Work In Restricted Working Space, Add	*2.54*	
26 05 29 00-0272	EA	1", "J" Type Conduit Hanger (Unistrut J1210)	27.24	
		For >50 To 100, Deduct	*-0.92*	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-3.25*	
		For >500, Deduct	*-4.66*	
		For Work In Restricted Working Space, Add	*2.90*	
26 05 29 00-0273	EA	1-1/4", "J" Type Conduit Hanger (Unistrut J1212)	27.56	
		For >50 To 100, Deduct	*-0.93*	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-3.28*	
		For >500, Deduct	*-4.69*	
		For Work In Restricted Working Space, Add	*2.90*	
26 05 29 00-0274	EA	1-1/2", "J" Type Conduit Hanger (Unistrut J1215)	28.98	
		For >50 To 100, Deduct	*-1.00*	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-3.53*	
		For >500, Deduct	*-5.07*	
		For Work In Restricted Working Space, Add	*3.26*	
26 05 29 00-0275	EA	2", "J" Type Conduit Hanger (Unistrut J1220)	30.19	
		For >50 To 100, Deduct	*-1.03*	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-3.62*	
		For >500, Deduct	*-5.20*	
		For Work In Restricted Working Space, Add	*3.26*	
26 05 29 00-0276	EA	2-1/2", "J" Type Conduit Hanger (Unistrut J1225)	48.67	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 250, Deduct	*-3.04*	
		For >250 To 500, Deduct	*-5.16*	
		For >500, Deduct	*-7.29*	
		For Work In Restricted Working Space, Add	*3.63*	
26 05 29 00-0277	EA	3", "J" Type Conduit Hanger (Unistrut J1230)	51.70	
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 250, Deduct	*-3.25*	
		For >250 To 500, Deduct	*-5.54*	
		For >500, Deduct	*-7.83*	
		For Work In Restricted Working Space, Add	*3.99*	
26 05 29 00-0278	EA	3-1/2", "J" Type Conduit Hanger (Unistrut J1235)	55.64	
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 250, Deduct	*-3.51*	
		For >250 To 500, Deduct	*-5.99*	
		For >500, Deduct	*-8.47*	
		For Work In Restricted Working Space, Add	*4.35*	
26 05 29 00-0279	EA	4", "J" Type Conduit Hanger (Unistrut J1240)	74.35	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 250, Deduct	*-4.44*	
		For >250 To 500, Deduct	*-7.39*	
		For >500, Deduct	*-10.34*	
		For Work In Restricted Working Space, Add	*4.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0280	EA	5", "J" Type Conduit Hanger (Unistrut J1250)	81.71	
		For >50 To 100, Deduct	*-2.44*	
		For >100 To 250, Deduct	*-4.87*	
		For >250 To 500, Deduct	*-8.09*	
		For >500, Deduct	*-11.32*	
		For Work In Restricted Working Space, Add	*4.72*	
26 05 29 00-0281	EA	6", "J" Type Conduit Hanger (Unistrut J1260)	115.51	
		For >50 To 100, Deduct	*-3.34*	
		For >100 To 250, Deduct	*-6.68*	
		For >250 To 500, Deduct	*-10.93*	
		For >500, Deduct	*-15.18*	
		For Work In Restricted Working Space, Add	*5.44*	
26 05 29 00-0282		**Between Studs Box Brackets** *(26 05 29 00-0165)*		
26 05 29 00-0283	EA	16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A)	9.14	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.14*	
		For >500, Deduct	*-1.64*	
		For Work In Restricted Working Space, Add	*1.09*	
26 05 29 00-0284	EA	24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A)	11.05	
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.83*	
		For Work In Restricted Working Space, Add	*1.09*	
26 05 29 00-0285		**Hangers And Brackets** *(26 05 29 00-0165)*		
26 05 29 00-0286	EA	Rod Hangers Only With 1/4" Thread Impression (Caddy 4TI)	3.14	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.54*	
		For >500, Deduct	*-0.80*	
26 05 29 00-0287	EA	Angle Bracket Only With 1/4" Hole (Caddy AB)	3.03	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.79*	
26 05 29 00-0288	EA	Offset Bracket Only With 1/4" Hole (Caddy AO)	3.03	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.79*	
26 05 29 00-0289	EA	Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB)	4.18	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.90*	
26 05 29 00-0290	EA	Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB)	4.20	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.90*	
26 05 29 00-0291	EA	Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB)	4.07	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.89*	
26 05 29 00-0292	EA	Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO)	4.18	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.90*	
26 05 29 00-0293	EA	Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO)	4.20	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.90*	
26 05 29 00-0294		**Clips And Accessories** *(26 05 29 00-0165)*		
26 05 29 00-0295	EA	1/2" Diameter Center, Bridle Ring (Caddy 2BR)	2.15	
		For >50 To 100, Deduct	*-0.09*	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.35*	
		For >500, Deduct	*-0.52*	
26 05 29 00-0296	EA	3/4" Diameter Center, Bridle Ring (Caddy 2BR12)	2.19	
		For >50 To 100, Deduct	*-0.09*	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.35*	
		For >500, Deduct	*-0.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0297	EA	1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20)	2.36	
		For >50 To 100, Deduct	*-0.10*	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.37*	
		For >500, Deduct	*-0.54*	
26 05 29 00-0298	EA	2" Diameter Center, Bridle Ring (Caddy 2BR32)	2.72	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.39*	
		For >500, Deduct	*-0.57*	
26 05 29 00-0299		**Wire Ties** *(26 05 29 00-0165)*		
		Note: Per hundred (C).		
26 05 29 00-0300	C	3" Length, 18 LB Tensile Strength, Nylon Cable Ties	30.71	
		For Up To 0.1, Add	*25.24*	
		For >0.1 To 0.25, Add	*12.62*	
		For >0.25 To 0.75, Add	*6.31*	
		For >2.0, Deduct	*-2.52*	
		For UV Black, Add	*0.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.57*	
26 05 29 00-0301	C	4" Length, 18 LB Tensile Strength, Nylon Cable Ties	30.92	
		For Up To 0.1, Add	*25.24*	
		For >0.1 To 0.25, Add	*12.62*	
		For >0.25 To 0.75, Add	*6.31*	
		For >2.0, Deduct	*-2.52*	
		For UV Black, Add	*0.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.57*	
26 05 29 00-0302	C	4-3/4" Length, 18 LB Tensile Strength, Nylon Cable Ties	31.07	
		For Up To 0.1, Add	*25.24*	
		For >0.1 To 0.25, Add	*12.62*	
		For >0.25 To 0.75, Add	*6.31*	
		For >2.0, Deduct	*-2.52*	
		For UV Black, Add	*0.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.57*	
26 05 29 00-0303	C	5-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties	31.13	
		For Up To 0.1, Add	*25.24*	
		For >0.1 To 0.25, Add	*12.62*	
		For >0.25 To 0.75, Add	*6.31*	
		For >2.0, Deduct	*-2.52*	
		For UV Black, Add	*0.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.57*	
26 05 29 00-0304	C	6-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties	32.30	
		For Up To 0.1, Add	*26.34*	
		For >0.1 To 0.25, Add	*13.17*	
		For >0.25 To 0.75, Add	*6.59*	
		For >2.0, Deduct	*-2.63*	
		For UV Black, Add	*0.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 29 00-0305	C	8" Length, 18 LB Tensile Strength, Nylon Cable Ties	38.12	
		For Up To 0.1, Add	*27.54*	
		For >0.1 To 0.25, Add	*13.77*	
		For >0.25 To 0.75, Add	*6.89*	
		For >2.0, Deduct	*-2.75*	
		For UV Black, Add	*1.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.26*	
26 05 29 00-0306	C	4-3/4" Length, 40 LB Tensile Strength, Nylon Cable Ties	36.58	
		For Up To 0.1, Add	*25.24*	
		For >0.1 To 0.25, Add	*12.62*	
		For >0.25 To 0.75, Add	*6.31*	
		For >2.0, Deduct	*-2.52*	
		For UV Black, Add	*1.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.57*	
26 05 29 00-0307	C	6" Length, 40 LB Tensile Strength, Nylon Cable Ties	37.77	
		For Up To 0.1, Add	*26.34*	
		For >0.1 To 0.25, Add	*13.17*	
		For >0.25 To 0.75, Add	*6.59*	
		For >2.0, Deduct	*-2.63*	
		For UV Black, Add	*1.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 29 00-0308	C	8" Length, 40 LB Tensile Strength, Nylon Cable Ties	39.03	
		For Up To 0.1, Add	*27.54*	
		For >0.1 To 0.25, Add	*13.77*	
		For >0.25 To 0.75, Add	*6.89*	
		For >2.0, Deduct	*-2.75*	
		For UV Black, Add	*1.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.26*	
26 05 29 00-0309	C	10" Length, 40 LB Tensile Strength, Nylon Cable Ties	56.19	
		For Up To 0.1, Add	*29.69*	
		For >0.1 To 0.25, Add	*14.85*	
		For >0.25 To 0.75, Add	*7.42*	
		For >2.0, Deduct	*-2.97*	
		For UV Black, Add	*3.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.91*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0310	C	11-1/2" Length, 40 LB Tensile Strength, Nylon Cable Ties	58.58	
		For Up To 0.1, Add	*29.69*	
		For >0.1 To 0.25, Add	*14.85*	
		For >0.25 To 0.75, Add	*7.42*	
		For >2.0, Deduct	*-2.97*	
		For UV Black, Add	*4.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.91*	
26 05 29 00-0311	C	7" Length, 50 LB Tensile Strength, Nylon Cable Ties	40.70	
		For Up To 0.1, Add	*27.54*	
		For >0.1 To 0.25, Add	*13.77*	
		For >0.25 To 0.75, Add	*6.89*	
		For >2.0, Deduct	*-2.75*	
		For UV Black, Add	*1.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.26*	
26 05 29 00-0312	C	8" Length, 50 LB Tensile Strength, Nylon Cable Ties	38.58	
		For Up To 0.1, Add	*27.54*	
		For >0.1 To 0.25, Add	*13.77*	
		For >0.25 To 0.75, Add	*6.89*	
		For >2.0, Deduct	*-2.75*	
		For UV Black, Add	*1.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.26*	
26 05 29 00-0313	C	11" Length, 50 LB Tensile Strength, Nylon Cable Ties	56.85	
		For Up To 0.1, Add	*29.69*	
		For >0.1 To 0.25, Add	*14.85*	
		For >0.25 To 0.75, Add	*7.42*	
		For >2.0, Deduct	*-2.97*	
		For UV Black, Add	*4.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.91*	
26 05 29 00-0314	C	14-1/2" Length, 50 LB Tensile Strength, Nylon Cable Ties	64.94	
		For Up To 0.1, Add	*31.55*	
		For >0.1 To 0.25, Add	*15.78*	
		For >0.25 To 0.75, Add	*7.89*	
		For >2.0, Deduct	*-3.16*	
		For UV Black, Add	*5.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.47*	
26 05 29 00-0315	C	8" Length, 120 LB Tensile Strength, Nylon Cable Ties	63.37	
		For Up To 0.1, Add	*27.54*	
		For >0.1 To 0.25, Add	*13.77*	
		For >0.25 To 0.75, Add	*6.89*	
		For >2.0, Deduct	*-2.75*	
		For UV Black, Add	*5.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.26*	
26 05 29 00-0316	C	11" Length, 120 LB Tensile Strength, Nylon Cable Ties	69.35	
		For Up To 0.1, Add	*29.69*	
		For >0.1 To 0.25, Add	*14.85*	
		For >0.25 To 0.75, Add	*7.42*	
		For >2.0, Deduct	*-2.97*	
		For UV Black, Add	*5.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.91*	
26 05 29 00-0317	C	15" Length, 120 LB Tensile Strength, Nylon Cable Ties	83.72	
		For Up To 0.1, Add	*31.55*	
		For >0.1 To 0.25, Add	*15.78*	
		For >0.25 To 0.75, Add	*7.89*	
		For >2.0, Deduct	*-3.16*	
		For UV Black, Add	*7.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.47*	
26 05 29 00-0318	C	17" Length, 120 LB Tensile Strength, Nylon Cable Ties	119.12	
		For Up To 0.1, Add	*33.65*	
		For >0.1 To 0.25, Add	*16.83*	
		For >0.25 To 0.75, Add	*8.41*	
		For >2.0, Deduct	*-3.37*	
		For UV Black, Add	*12.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.10*	
26 05 29 00-0319	C	17-3/4" Length, 175 LB Tensile Strength, Nylon Cable Ties	115.48	
		For Up To 0.1, Add	*33.65*	
		For >0.1 To 0.25, Add	*16.83*	
		For >0.25 To 0.75, Add	*8.41*	
		For >2.0, Deduct	*-3.37*	
		For UV Black, Add	*12.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.10*	
26 05 29 00-0320	C	21-11/16" Length, 175 LB Tensile Strength, Nylon Cable Ties	140.37	
		For Up To 0.1, Add	*35.22*	
		For >0.1 To 0.25, Add	*17.61*	
		For >0.25 To 0.75, Add	*8.81*	
		For >2.0, Deduct	*-3.52*	
		For UV Black, Add	*15.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.57*	
26 05 29 00-0321	C	30" Length, 175 LB Tensile Strength, Nylon Cable Ties	162.26	
		For Up To 0.1, Add	*36.93*	
		For >0.1 To 0.25, Add	*18.47*	
		For >0.25 To 0.75, Add	*9.23*	
		For >2.0, Deduct	*-3.69*	
		For UV Black, Add	*18.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.08*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0322	C		46" Length, 175 LB Tensile Strength, Nylon Cable Ties	221.95	
			For Up To 0.1, Add	*39.85*	
			For >0.1 To 0.25, Add	*19.93*	
			For >0.25 To 0.75, Add	*9.96*	
			For >2.0, Deduct	*-3.99*	
			For UV Black, Add	*27.32*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.96*	
26 05 29 00-0323	C		3/4" x 3/4" Self Adhesive Tie Mounts	40.53	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.36*	
26 05 29 00-0324	C		1.1" x 1.1" Tie Mounts With Screw	80.38	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.72*	
26 05 29 00-0325	EA		6" Length x 1/2" Width, Velcro Grip Cable Tie	2.32	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.18*	
26 05 29 00-0326	EA		8" Length x 1/2" Width, Velcro Grip Cable Tie	2.32	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.15*	
26 05 29 00-0327	EA		12" Length x 1/2" Width, Velcro Grip Cable Tie	2.85	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.15*	
26 05 29 00-0328	EA		15" Length x 3/4" Width, Velcro Grip Cable Tie	4.00	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.15*	
26 05 29 00-0329	EA		180" Length x 3/4" Width, Velcro Grip Cable Tie Roll Note: Cut to length.	102.46	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.13*	

26 05 29 00-0330 Fastening Devices For Wireway And Conduit *(26 05 29)*

Note: Includes drilling of holes with power tools in concrete, brick, concrete block, wood, tile or steel and alignment of hangers and supports for bolts.

26 05 29 00-0331 Toggle Bolts *(26 05 29 00-0330)*

Note: Includes machine screw, toggle wing and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0332	EA		1/8" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	9.27	
			For >50 To 100, Deduct	*-0.89*	
			For >100 To 250, Deduct	*-1.79*	
			For >250 To 500, Deduct	*-3.13*	
			For >500, Deduct	*-4.46*	
26 05 29 00-0333	EA		1/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	9.52	
			For >50 To 100, Deduct	*-0.92*	
			For >100 To 250, Deduct	*-1.84*	
			For >250 To 500, Deduct	*-3.21*	
			For >500, Deduct	*-4.58*	
26 05 29 00-0334	EA		3/16" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	9.97	
			For >50 To 100, Deduct	*-0.95*	
			For >100 To 250, Deduct	*-1.89*	
			For >250 To 500, Deduct	*-3.30*	
			For >500, Deduct	*-4.71*	
26 05 29 00-0335	EA		3/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	10.22	
			For >50 To 100, Deduct	*-0.97*	
			For >100 To 250, Deduct	*-1.94*	
			For >250 To 500, Deduct	*-3.38*	
			For >500, Deduct	*-4.82*	
26 05 29 00-0336	EA		1/4" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	10.45	
			For >50 To 100, Deduct	*-0.99*	
			For >100 To 250, Deduct	*-1.98*	
			For >250 To 500, Deduct	*-3.46*	
			For >500, Deduct	*-4.93*	
26 05 29 00-0337	EA		5/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	11.60	
			For >50 To 100, Deduct	*-1.04*	
			For >100 To 250, Deduct	*-2.07*	
			For >250 To 500, Deduct	*-3.61*	
			For >500, Deduct	*-5.14*	
26 05 29 00-0338	EA		3/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	12.03	
			For >50 To 100, Deduct	*-1.06*	
			For >100 To 250, Deduct	*-2.13*	
			For >250 To 500, Deduct	*-3.70*	
			For >500, Deduct	*-5.27*	

26 05 29 00-0339 Machine Screws *(26 05 29 00-0330)*

Note: Includes drilling in concrete, concrete block, wood or steel.

26 05 29 00-0340	EA		#8 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.76	
			For >50 To 100, Deduct	*-0.27*	
			For >100 To 250, Deduct	*-0.54*	
			For >250 To 500, Deduct	*-0.95*	
			For >500, Deduct	*-1.35*	
26 05 29 00-0341	EA		#10 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.80	
			For >50 To 100, Deduct	*-0.27*	
			For >100 To 250, Deduct	*-0.54*	
			For >250 To 500, Deduct	*-0.95*	
			For >500, Deduct	*-1.36*	
26 05 29 00-0342	EA		1/4" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.50	
			For >50 To 100, Deduct	*-0.34*	
			For >100 To 250, Deduct	*-0.68*	
			For >250 To 500, Deduct	*-1.19*	
			For >500, Deduct	*-1.70*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0343	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.63	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.20*	
		For >500, Deduct	*-1.71*	
26 05 29 00-0344	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	4.44	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.44*	
		For >500, Deduct	*-2.05*	

26 05 29 00-0345 Hex Lag Bolts With Lag Shield Expansion Anchors *(26 05 29 00-0330)*

Note: Includes lag bolt, lag shield expansion anchor and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0346	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.27	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.72*	
		For >250 To 500, Deduct	*-1.25*	
		For >500, Deduct	*-1.78*	
26 05 29 00-0347	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.23	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.72*	
		For >250 To 500, Deduct	*-1.24*	
		For >500, Deduct	*-1.77*	
26 05 29 00-0348	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	5.81	
		For >50 To 100, Deduct	*-0.45*	
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-2.19*	
26 05 29 00-0349	EA	1/2" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	7.32	
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 250, Deduct	*-1.07*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.60*	

26 05 29 00-0350 Hanger Lag Bolts With Hex Nuts *(26 05 29 00-0330)*

Note: Includes hanger lag bolt (threaded one side), hex nut and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0351	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.23	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-0.98*	
		For >500, Deduct	*-1.40*	
26 05 29 00-0352	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.28	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-0.99*	
		For >500, Deduct	*-1.40*	
26 05 29 00-0353	EA	3/8" Diameter, 2-1/2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.84	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.11*	
		For >500, Deduct	*-1.58*	

26 05 29 00-0354 Hollow Wall Screw Anchors *(26 05 29 00-0330)*

26 05 29 00-0355	EA	6-32 Screw Size, 5/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.91	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.84*	
26 05 29 00-0356	EA	6-32 Screw Size, 5/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.95	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.84*	
26 05 29 00-0357	EA	6-32 Screw Size, 5/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.03	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.85*	
26 05 29 00-0358	EA	10-24 Screw Size, 3/8" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.53	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.00*	
26 05 29 00-0359	EA	10-24 Screw Size, 3/8" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.63	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.01*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0360	EA	10-24 Screw Size, 3/8" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.67	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.02*	
26 05 29 00-0361	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.69	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.72*	
		For >500, Deduct	*-1.02*	
26 05 29 00-0362	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.83	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.03*	
26 05 29 00-0363	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.89	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.04*	

26 05 29 00-0364 Lead Screw Anchors *(26 05 29 00-0330)*

Note: Includes screw.

26 05 29 00-0365	EA	#6-8 Screw Size, 1/4" Hole Diameter, Lead Screw Anchor With Screw	4.51	
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-2.10*	
26 05 29 00-0366	EA	#10-14 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	5.34	
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.44*	
26 05 29 00-0367	EA	#16-18 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	7.13	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-2.20*	
		For >500, Deduct	*-3.14*	

26 05 29 00-0368 Nailing Anchor Hilti HPS Impact Anchor Or Equal *(26 05 29 00-0330)*

26 05 29 00-0369	EA	1/4" x 1" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	1.68	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.61*	
26 05 29 00-0370	EA	1/4" x 1-3/4" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	2.91	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.19*	
26 05 29 00-0371	EA	1/4" x 2-1/8" Nail-In Drilling In Concrete, Concrete Block, Wood Or Steel	4.12	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.23*	
		For >500, Deduct	*-1.75*	

26 05 29 00-0372 Acoustical T-Bar Clips *(26 05 29 00-0330)*

Note: For conduit installation above suspended ceilings up to 15' height.

26 05 29 00-0373	EA	1/2" Conduit, Push-In Acoustical T-Bar Clip	7.65	
		For >50 To 100, Deduct	*-0.58*	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.83*	
26 05 29 00-0374	EA	3/4" Conduit, Push-In Acoustical T-Bar Clip	8.02	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.97*	
26 05 29 00-0375	EA	1" Conduit, Push-In Acoustical T-Bar Clip	8.74	
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-3.16*	

26 05 29 00-0376 Threaded Rod, Accessories And Attachments *(26 05 29)*

26 05 29 00-0377 Threaded Rod And Rod Accessories *(26 05 29 00-0376)*

26 05 29 00-0378 Carbon Steel Threaded Rod *(26 05 29 00-0377)*

Note: Includes plain finish.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0379	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.32	0.76
		For Galvanized, Add	*0.72*	
		For Zinc Coated, Add	*0.51*	
26 05 29 00-0380	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.48	0.81
		For Galvanized, Add	*1.14*	
		For Zinc Coated, Add	*0.82*	
26 05 29 00-0381	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	6.11	0.83
		For Galvanized, Add	*1.77*	
		For Zinc Coated, Add	*1.26*	
26 05 29 00-0382	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.77	0.86
		For Galvanized, Add	*3.22*	
		For Zinc Coated, Add	*2.29*	
26 05 29 00-0383	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.63	0.89
		For Galvanized, Add	*3.54*	
		For Zinc Coated, Add	*2.52*	
26 05 29 00-0384	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	14.45	1.00
		For Galvanized, Add	*4.97*	
		For Zinc Coated, Add	*3.54*	
26 05 29 00-0385	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.91	1.12
		For Galvanized, Add	*6.27*	
		For Zinc Coated, Add	*4.47*	

26 05 29 00-0386 Threaded Rod Couplings *(26 05 29 00-0377)*

26 05 29 00-0387	EA	3/8" Diameter, Threaded Rod Coupling Nut	9.33	
26 05 29 00-0388	EA	1/2" Diameter, Threaded Rod Coupling Nut	10.53	
26 05 29 00-0389	EA	5/8" Diameter, Threaded Rod Coupling Nut	12.88	
26 05 29 00-0390	EA	3/4" Diameter, Threaded Rod Coupling Nut	15.37	
26 05 29 00-0391	EA	7/8" Diameter, Threaded Rod Coupling Nut	21.53	
26 05 29 00-0392	EA	1" Diameter, Threaded Rod Coupling Nut	25.50	
26 05 29 00-0393	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	45.96	

26 05 29 00-0394 Flat Washers *(26 05 29 00-0377)*

26 05 29 00-0395	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.80	0.30
		For Galvanized, Add	*0.03*	
26 05 29 00-0396	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.99	0.30
		For Galvanized, Add	*0.06*	
26 05 29 00-0397	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.25	0.30
		For Galvanized, Add	*0.12*	
26 05 29 00-0398	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.50	0.60
		For Galvanized, Add	*0.17*	
26 05 29 00-0399	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.68	0.60
		For Galvanized, Add	*0.20*	
26 05 29 00-0400	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.98	0.60
		For Galvanized, Add	*0.24*	
26 05 29 00-0401	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.21	0.60
		For Galvanized, Add	*0.27*	

26 05 29 00-0402 Malleable Iron Eye Sockets *(26 05 29 00-0377)*

Note: Type 16.

26 05 29 00-0403	EA	3/8" Rod Size, Malleable Iron Eye Socket	12.59
26 05 29 00-0404	EA	1/2" Rod Size, Malleable Iron Eye Socket	15.14
26 05 29 00-0405	EA	5/8" Rod Size, Malleable Iron Eye Socket	26.88
26 05 29 00-0406	EA	3/4" Rod Size, Malleable Iron Eye Socket	38.59
26 05 29 00-0407	EA	7/8" Rod Size, Malleable Iron Eye Socket	41.05

26 05 29 00-0408 Hex Nuts *(26 05 29 00-0377)*

26 05 29 00-0409	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.78	0.30
		For Galvanized, Add	*0.02*	
26 05 29 00-0410	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.95	0.30
		For Galvanized, Add	*0.05*	
26 05 29 00-0411	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.25	0.30
		For Galvanized, Add	*0.12*	
26 05 29 00-0412	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.46	0.60
		For Galvanized, Add	*0.16*	
26 05 29 00-0413	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.06	0.60
		For Galvanized, Add	*0.29*	
26 05 29 00-0414	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.59	0.60
		For Galvanized, Add	*0.40*	
26 05 29 00-0415	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	4.11	0.60
		For Galvanized, Add	*0.75*	

26 05 29 00-0416 Forged Steel Turnbuckles *(26 05 29 00-0377)*

Note: Type 13.

26 05 29 00-0417	EA	3/8" Thread Diameter, Forged Steel Turnbuckle Body	30.53
26 05 29 00-0418	EA	1/2" Thread Diameter, Forged Steel Turnbuckle Body	37.92
26 05 29 00-0419	EA	5/8" Thread Diameter, Forged Steel Turnbuckle Body	51.19
26 05 29 00-0420	EA	3/4" Thread Diameter, Forged Steel Turnbuckle Body	63.53
26 05 29 00-0421	EA	7/8" Thread Diameter, Forged Steel Turnbuckle Body	159.48

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0422	EA	1" Thread Diameter, Forged Steel Turnbuckle Body	104.65	
26 05 29 00-0423	EA	1-1/4" Thread Diameter, Forged Steel Turnbuckle Body	212.97	
26 05 29 00-0424		**Attachments** *(26 05 29 00-0376)*		
26 05 29 00-0425		**Welded Beam Attachments** *(26 05 29 00-0424)*		
		Note: Type 22.		
26 05 29 00-0426	EA	3/8" Rod Size, Welded Beam Attachment	55.79	12.10
26 05 29 00-0427	EA	1/2" Rod Size, Welded Beam Attachment	59.55	12.70
26 05 29 00-0428	EA	5/8" Rod Size, Welded Beam Attachment	63.41	13.43
26 05 29 00-0429	EA	3/4" Rod Size, Welded Beam Attachment	81.37	14.27
26 05 29 00-0430	EA	7/8" Rod Size, Welded Beam Attachment	97.95	15.12
26 05 29 00-0431	EA	1" Rod Size, Welded Beam Attachment	137.93	17.30
26 05 29 00-0432	EA	1-1/8" Rod Size, Welded Beam Attachment	196.35	18.14
26 05 29 00-0433		**C-Clamp Style Beam Clamps** *(26 05 29 00-0424)*		
		Note: Type 23. Top or bottom flange mount.		
26 05 29 00-0434	EA	3/8" Rod Size, C-Clamp Style Beam Clamp	19.02	9.09
26 05 29 00-0435	EA	1/2" Rod Size, C-Clamp Style Beam Clamp	22.84	9.69
26 05 29 00-0436	EA	5/8" Rod Size, C-Clamp Style Beam Clamp	26.01	10.38
26 05 29 00-0437	EA	3/4" Rod Size, C-Clamp Style Beam Clamp	33.73	11.18
26 05 29 00-0438	EA	7/8" Rod Size, C-Clamp Style Beam Clamp	49.51	12.12
26 05 29 00-0439		**Bottom Mount I-Beam Clamps** *(26 05 29 00-0424)*		
		Note: Type 21. For attaching threaded rod centered under beam flanges.		
26 05 29 00-0440	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	54.12	12.12
26 05 29 00-0441	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	80.16	13.22
26 05 29 00-0442	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	115.14	14.54
26 05 29 00-0443	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	137.98	16.15
26 05 29 00-0444	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	336.94	18.17
26 05 29 00-0445		**Steel U-Bolts** *(26 05 29 00-0424)*		
		Note: Type 24. Includes plate and nuts.		
26 05 29 00-0446	EA	1/2" Pipe Size, Zinc Plated Steel, U-Bolt	15.52	7.27
26 05 29 00-0447	EA	3/4" Pipe Size, Zinc Plated Steel, U-Bolt	16.86	7.65
26 05 29 00-0448	EA	1" Pipe Size, Zinc Plated Steel, U-Bolt	18.17	8.07
26 05 29 00-0449	EA	1-1/4" Pipe Size, Zinc Plated Steel, U-Bolt	20.74	8.55
26 05 29 00-0450	EA	1-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	21.40	9.09
26 05 29 00-0451	EA	2" Pipe Size, Zinc Plated Steel, U-Bolt	22.89	9.69
26 05 29 00-0452	EA	2-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	33.47	10.38
26 05 29 00-0453	EA	3" Pipe Size, Zinc Plated Steel, U-Bolt	36.93	11.18
26 05 29 00-0454	EA	4" Pipe Size, Zinc Plated Steel, U-Bolt	44.80	12.12
26 05 29 00-0455		**Stainless Steel Threaded Rod** *(26 05 29 00-0376)*		
26 05 29 00-0456	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	4.11	0.60
		For 316 Stainless Steel, Add	*1.17*	
26 05 29 00-0457	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	6.30	0.66
		For 316 Stainless Steel, Add	*2.01*	
26 05 29 00-0458	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	8.14	0.76
		For 316 Stainless Steel, Add	*2.68*	
26 05 29 00-0459	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	11.41	0.78
		For 316 Stainless Steel, Add	*3.99*	
26 05 29 00-0460	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	13.74	0.81
		For 316 Stainless Steel, Add	*4.91*	
26 05 29 00-0461	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	20.75	0.82
		For 316 Stainless Steel, Add	*7.74*	
26 05 29 00-0462	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	29.17	0.83
		For 316 Stainless Steel, Add	*11.13*	
26 05 29 00-0463	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	40.25	0.86
		For 316 Stainless Steel, Add	*15.60*	
26 05 29 00-0464	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	51.76	1.00
		For 316 Stainless Steel, Add	*20.14*	
26 05 29 00-0465	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	109.91	1.21
		For 316 Stainless Steel, Add	*43.49*	
26 05 29 00-0466		**Polyvinyl Chloride (PVC) Coated Supports** *(26 05 29)*		
		Note: Includes stainless steel and/or Polyvinyl Chloride (PVC) coated hardware.		
26 05 29 00-0467		**Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0466)*		
26 05 29 00-0468		**Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0467)*		
26 05 29 00-0469	EA	1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	66.82	24.19
26 05 29 00-0470	EA	3/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	72.61	26.37
26 05 29 00-0471	EA	1", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	77.34	29.02
26 05 29 00-0472	EA	1-1/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	93.13	32.29
26 05 29 00-0473	EA	1-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	107.72	36.29
26 05 29 00-0474	EA	2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	129.33	39.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0475	EA	2-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	141.44	43.55
26 05 29 00-0476	EA	3", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	155.88	47.17
26 05 29 00-0477	EA	3-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	164.48	50.80
26 05 29 00-0478	EA	4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	177.85	54.43
26 05 29 00-0479		Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamps *(26 05 29 00-0467)*		
26 05 29 00-0480	EA	1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	71.94	24.19
26 05 29 00-0481	EA	3/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	76.08	26.37
26 05 29 00-0482	EA	1", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	87.73	29.02
26 05 29 00-0483	EA	1-1/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	96.82	32.29
26 05 29 00-0484	EA	1-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	109.14	36.29
26 05 29 00-0485	EA	2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	126.89	39.92
26 05 29 00-0486	EA	2-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	146.07	43.55
26 05 29 00-0487	EA	3", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	162.00	47.17
26 05 29 00-0488	EA	3-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	172.20	50.80
26 05 29 00-0489	EA	4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	178.88	54.43
26 05 29 00-0490		Edge, Polyvinyl Chloride (PVC) Coated Beam Clamps *(26 05 29 00-0467)*		
26 05 29 00-0491	EA	1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	67.80	23.95
26 05 29 00-0492	EA	3/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	72.86	26.13
26 05 29 00-0493	EA	1", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	82.56	29.02
26 05 29 00-0494	EA	1-1/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	97.14	31.93
26 05 29 00-0495	EA	1-1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	127.28	36.29
26 05 29 00-0496	EA	2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	139.54	39.92
26 05 29 00-0497		Polyvinyl Chloride (PVC) Coated Conduit Straps *(26 05 29 00-0466)*		
26 05 29 00-0498		One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps *(26 05 29 00-0497)*		
26 05 29 00-0499	EA	1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	8.49	0.72
26 05 29 00-0500	EA	3/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	9.23	0.72
26 05 29 00-0501	EA	1", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	13.61	0.72
26 05 29 00-0502	EA	1-1/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	16.56	0.72
26 05 29 00-0503	EA	1-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	21.83	0.72
26 05 29 00-0504	EA	2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	32.83	0.72
26 05 29 00-0505	EA	2-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	43.76	0.72
26 05 29 00-0506	EA	3", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	58.64	0.72
26 05 29 00-0507	EA	3-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	103.85	0.72
26 05 29 00-0508	EA	4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	110.37	0.72
26 05 29 00-0509		Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps *(26 05 29 00-0497)*		
26 05 29 00-0510	EA	1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	16.74	1.45
26 05 29 00-0511	EA	3/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	16.82	1.45
26 05 29 00-0512	EA	1", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	17.26	1.45
26 05 29 00-0513	EA	1-1/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	21.76	1.45
26 05 29 00-0514	EA	1-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	22.38	1.45
26 05 29 00-0515	EA	2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	25.70	1.45
26 05 29 00-0516	EA	2-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	28.92	1.45
26 05 29 00-0517	EA	3", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	30.25	1.45
26 05 29 00-0518	EA	3-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	32.32	1.45
26 05 29 00-0519	EA	4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	35.07	1.45
26 05 29 00-0520		Polyvinyl Chloride (PVC) Coated Clamp Back Spacer *(26 05 29 00-0466)*		
26 05 29 00-0521		Polyvinyl Chloride (PVC) Coated Clamp Back Spacer *(26 05 29 00-0520)*		
26 05 29 00-0522	EA	1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	15.17	1.45
26 05 29 00-0523	EA	3/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	17.68	1.45
26 05 29 00-0524	EA	1" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	22.28	1.45
26 05 29 00-0525	EA	1-1/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	26.09	1.45
26 05 29 00-0526	EA	1-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	35.00	1.45
26 05 29 00-0527	EA	2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	50.46	1.45
26 05 29 00-0528	EA	2-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	86.23	1.45
26 05 29 00-0529	EA	3" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	117.83	1.45
26 05 29 00-0530	EA	3-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	206.39	1.45
26 05 29 00-0531	EA	4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	206.39	1.45
26 05 29 00-0532		Polyvinyl Chloride (PVC) Coated Threaded Rod And Accessories *(26 05 29 00-0466)*		
26 05 29 00-0533		Polyvinyl Chloride (PVC) Coated Threaded Rod *(26 05 29 00-0532)*		
26 05 29 00-0534	LF	3/8" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	10.48	0.97
26 05 29 00-0535	LF	1/2" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	12.90	1.09
26 05 29 00-0536		Attachments *(26 05 29 00-0466)*		
26 05 29 00-0537		Polyvinyl Chloride (PVC) Coated U-Bolts And Encapsulation Nuts *(26 05 29 00-0536)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0538	EA	1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	19.70	7.27
26 05 29 00-0539	EA	3/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	20.33	7.63
26 05 29 00-0540	EA	1" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	21.41	8.12
26 05 29 00-0541	EA	1-1/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	22.79	8.60
26 05 29 00-0542	EA	1-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	24.28	9.09
26 05 29 00-0543	EA	2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	27.35	9.69
26 05 29 00-0544	EA	2-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	39.92	10.42
26 05 29 00-0545	EA	3" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	41.84	11.14
26 05 29 00-0546	EA	4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	44.58	12.12
26 05 29 00-0547	EA	5" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	73.46	13.81
26 05 29 00-0548	EA	6" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	91.19	15.99
26 05 29 00-0549		**Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamps** *(26 05 29 00-0536)*		
26 05 29 00-0550	EA	1/4", 20 Hole, 15/16" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	68.56	23.95
26 05 29 00-0551	EA	5/16", 18 Hole, 7/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	80.74	23.95
26 05 29 00-0552	EA	3/8", 16 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	85.76	23.95
26 05 29 00-0553	EA	1/2", 13 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	94.74	25.40
26 05 29 00-0554	EA	1/2", 13 Hole, 2-1/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	111.03	29.02
26 05 29 00-0555		**Polyvinyl Chloride (PVC) Coated Pipe Straps** *(26 05 29 00-0536)* Note: Includes stainless steel nuts and bolts.		
26 05 29 00-0556	EA	1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	22.94	7.99
26 05 29 00-0557	EA	3/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	24.16	8.71
26 05 29 00-0558	EA	1" Polyvinyl Chloride (PVC) Coated Pipe Strap	26.32	9.43
26 05 29 00-0559	EA	1-1/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	29.66	10.88
26 05 29 00-0560	EA	1-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	33.94	12.34
26 05 29 00-0561	EA	2" Polyvinyl Chloride (PVC) Coated Pipe Strap	37.63	13.06
26 05 29 00-0562	EA	2-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	41.60	14.51
26 05 29 00-0563	EA	3" Polyvinyl Chloride (PVC) Coated Pipe Strap	49.28	15.97
26 05 29 00-0564	EA	3-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	53.77	16.69
26 05 29 00-0565	EA	4" Polyvinyl Chloride (PVC) Coated Pipe Strap	56.58	18.14
26 05 29 00-0566	EA	5" Polyvinyl Chloride (PVC) Coated Pipe Strap	60.60	20.32
26 05 29 00-0567		**Polyvinyl Chloride (PVC) Coated Channel** *(26 05 29 00-0466)*		
26 05 29 00-0568	LF	A12, Polyvinyl Chloride (PVC) Coated Channel	23.06	3.63
26 05 29 00-0569	LF	A12A, Polyvinyl Chloride (PVC) Coated Channel	40.63	5.08
26 05 29 00-0570	LF	A12P, Polyvinyl Chloride (PVC) Coated Channel	24.58	3.63
26 05 29 00-0571	LF	C14, Polyvinyl Chloride (PVC) Coated Channel	18.37	3.63
26 05 29 00-0572	LF	C14P, Polyvinyl Chloride (PVC) Coated Channel	19.31	3.63
26 05 29 00-0573		**Polymer Concrete Pads** *(26 05 29)* Note: Excludes excavation and backfill.		
26 05 29 00-0574		**Polymer Concrete, Box Pads** *(26 05 29 00-0573)*		
26 05 29 00-0575	EA	24" x 36", 18" Depth, Polymer Concrete, Box Pad	1,322.64	125.37
26 05 29 00-0576	EA	25" x 25", 24" Depth, Polymer Concrete, Box Pad	1,366.93	125.37
26 05 29 00-0577	EA	40" x 44", 15" Depth, Polymer Concrete, Box Pad	1,773.93	125.37
26 05 29 00-0578	EA	40" x 44", 24" Depth, Polymer Concrete, Box Pad	1,841.41	125.37
26 05 29 00-0579	EA	52" x 36", 18" Depth, Polymer Concrete, Box Pad	1,711.12	125.37
26 05 29 00-0580	EA	44" x 44", 32" Depth, Polymer Concrete, Box Pad	2,029.80	125.37
26 05 29 00-0581	EA	40" x 58", 24" Depth, Polymer Concrete, Box Pad	2,274.16	125.37
26 05 29 00-0582	EA	52" x 50", 18" Depth, Polymer Concrete, Box Pad	2,177.04	156.72
26 05 29 00-0583	EA	74" x 76", 36" Depth, Polymer Concrete, Box Pad	3,318.78	156.72
26 05 29 00-0584	EA	93" x 93", 36" Depth, Polymer Concrete, Box Pad	4,466.17	156.72
26 05 29 00-0585		**Polymer Concrete, Telecommunications Equipment Pads** *(26 05 29 00-0573)*		
26 05 29 00-0586	EA	42" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	635.24	67.08
26 05 29 00-0587	EA	48" x 46", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	756.23	67.08
26 05 29 00-0588	EA	60" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	981.26	94.03
26 05 29 00-0589	EA	54" x 48", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,026.22	94.03
26 05 29 00-0590	EA	57" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,483.99	94.03
26 05 29 00-0591	EA	72" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,547.62	94.03
26 05 29 00-0592	EA	64" x 72", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,666.17	94.03
26 05 29 00-0593	EA	72" x 64", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,666.17	94.03
26 05 29 00-0594	EA	76" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	3,155.52	94.03
26 05 29 00-0595	EA	96" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	3,580.49	94.03
26 05 29 00-0596		**Polymer Concrete, Electrical Equipment Pads** *(26 05 29 00-0573)*		
26 05 29 00-0597	EA	24" x 25", 2" Thick, Polymer Concrete, Electrical Equipment Pad	378.98	67.08
26 05 29 00-0598	EA	24" x 36", 2" Thick, Polymer Concrete, Electrical Equipment Pad	410.08	67.08
26 05 29 00-0599	EA	24" x 44", 2" Thick, Polymer Concrete, Electrical Equipment Pad	438.42	67.08
26 05 29 00-0600	EA	24" x 58", 2" Thick, Polymer Concrete, Electrical Equipment Pad	532.53	67.08
26 05 29 00-0601	EA	40" x 40", 3" Thick, Polymer Concrete, Electrical Equipment Pad	490.53	67.08
26 05 29 00-0602	EA	42" x 42", 3" Thick, Polymer Concrete, Electrical Equipment Pad	510.32	67.08
26 05 29 00-0603	EA	48" x 42", 4" Thick, Polymer Concrete, Electrical Equipment Pad	561.63	67.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0604	EA	48" x 46", 3" Thick, Polymer Concrete, Electrical Equipment Pad	591.56	67.08
26 05 29 00-0605	EA	54" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	691.52	67.08
26 05 29 00-0606	EA	56" x 44", 3" Thick, Polymer Concrete, Electrical Equipment Pad	856.17	67.08
26 05 29 00-0607	EA	64" x 64", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,263.46	94.03
26 05 29 00-0608	EA	66" x 72", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,323.64	94.03
26 05 29 00-0609	EA	75" x 52", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,342.62	94.03
26 05 29 00-0610	EA	90" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,469.13	94.03
26 05 29 00-0611	EA	84" x 96", 4" Thick, Polymer Concrete, Electrical Equipment Pad	3,161.23	94.03
26 05 29 00-0612	EA	96" x 80", 4" Thick, Polymer Concrete, Electrical Equipment Pad	3,728.01	94.03

26 05 33 Raceway and Boxes for Electrical Systems *(26 05)*

26 05 33 13 Conduit for Electrical Systems *(26 05 33)*

26 05 33 13-0001 Conduit Assemblies With Wire *(26 05 33 13)*

Note: Includes conduit, fittings and wire. Excludes hangers or supports.

26 05 33 13-0002 Electrical Metallic Tubing (EMT) Conduit Assemblies *(26 05 33 13-0001)*

Note: Includes conduit, field bends, set screw connectors, set screw couplings, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0240 for larger copper conducter, 26 05 33 13-0598 for larger EMT conduit.

26 05 33 13-0003	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	935.78	270.07
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*231.53*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.97*	
26 05 33 13-0004	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,021.75	293.28
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*251.42*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.95*	
26 05 33 13-0005	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,107.73	316.49
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*271.31*	
		For 4 #12 THWN Conductor Instead Of THHN, Add	*3.94*	
26 05 33 13-0006	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	988.69	281.68
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*241.47*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.95*	
26 05 33 13-0007	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,095.61	308.75
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*264.68*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.42*	
26 05 33 13-0008	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,108.67	304.89
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*261.37*	
		For 2 #8 THWN Conductor Instead Of THHN, Add	*5.14*	
26 05 33 13-0009	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,052.14	291.18
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*249.56*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.97*	
26 05 33 13-0010	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,138.11	314.38
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*269.45*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.95*	
26 05 33 13-0011	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,224.09	337.59
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*289.34*	
26 05 33 13-0012	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,310.06	360.80
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*309.23*	
		For 5 #12 THWN Conductor Instead Of THHN, Add	*4.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0013	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,105.06	302.78
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*259.51*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.95*	
26 05 33 13-0014	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,211.97	329.86
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*282.71*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.42*	
26 05 33 13-0015	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,318.88	356.93
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*305.92*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.90*	
26 05 33 13-0016	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,425.78	384.00
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*329.12*	
		For 5 #10 THWN Conductor Instead Of THHN, Add	*7.37*	
26 05 33 13-0017	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,375.92	360.80
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*309.23*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*7.72*	
26 05 33 13-0018	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,526.82	395.61
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*339.07*	
		For 4 #8 THWN Conductor Instead Of THHN, Add	*10.29*	
26 05 33 13-0019	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,380.44	349.19
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*299.29*	
		For 2 #6 THWN Conductor Instead Of THHN, Add	*8.51*	
26 05 33 13-0020	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,587.06	391.74
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*335.76*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*12.76*	
26 05 33 13-0021	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,220.93	313.39
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*268.66*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.97*	
26 05 33 13-0022	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,306.90	336.60
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*288.55*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.95*	
26 05 33 13-0023	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,392.88	359.81
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*308.44*	
26 05 33 13-0024	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,478.86	383.00
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*328.33*	
		For 5 #12 THWN Conductor Instead Of THHN, Add	*4.92*	
26 05 33 13-0025	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,273.83	325.00
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*278.60*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.95*	
26 05 33 13-0026	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,380.75	352.07
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*301.81*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.42*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0027	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,487.67	379.14
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*325.02*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.90*	
26 05 33 13-0028	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,594.57	406.21
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*348.22*	
		For 5 #10 THWN Conductor Instead Of THHN, Add	*7.37*	
26 05 33 13-0029	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,544.71	383.00
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*328.33*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*7.72*	
26 05 33 13-0030	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,755.85	413.95
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*354.85*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*12.76*	
26 05 33 13-0031	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,962.46	456.49
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*391.32*	
		For 4 #6 THWN Conductor Instead Of THHN, Add	*17.01*	
26 05 33 13-0032		**Rigid Galvanized Steel (RGS) Conduit Assemblies** *(26 05 33 13-0001)*		
		Note: Includes conduit, field bends, terminations, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0240 for larger copper conducter, 26 05 33 13-0059 for larger RGS conduit.		
26 05 33 13-0033	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,273.03	307.42
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*263.49*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.97*	
26 05 33 13-0034	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,359.00	330.63
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*283.38*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.95*	
26 05 33 13-0035	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,325.95	319.02
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*273.43*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.95*	
26 05 33 13-0036	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,432.86	346.10
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*296.64*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.42*	
26 05 33 13-0037	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,445.91	342.23
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*293.32*	
		For 2 #8 THWN Conductor Instead Of THHN, Add	*5.14*	
26 05 33 13-0038	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,410.01	327.86
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*280.99*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.97*	
26 05 33 13-0039	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,495.99	351.07
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*300.88*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.95*	
26 05 33 13-0040	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,581.97	374.28
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*320.77*	
26 05 33 13-0041	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,462.94	339.46
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*290.94*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.95*	
26 05 33 13-0042	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,569.84	366.54
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*314.14*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.42*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0043	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,676.76	393.61
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*337.35*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.90*	
26 05 33 13-0044	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,733.80	397.48
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*340.66*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*7.72*	
26 05 33 13-0045	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,884.70	432.29
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*370.50*	
		For 4 #8 THWN Conductor Instead Of THHN, Add	*10.29*	
26 05 33 13-0046	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,738.32	385.88
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*330.72*	
		For 2 #6 THWN Conductor Instead Of THHN, Add	*8.51*	
26 05 33 13-0047	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,944.93	428.42
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*367.18*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*12.76*	
26 05 33 13-0048	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,838.34	391.52
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*335.59*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.95*	
26 05 33 13-0049	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,924.32	414.73
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*355.48*	
26 05 33 13-0050	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	2,010.28	437.92
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*375.37*	
		For 5 #12 THWN Conductor Instead Of THHN, Add	*4.92*	
26 05 33 13-0051	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,912.19	406.99
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*348.85*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*4.42*	
26 05 33 13-0052	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	2,019.10	434.06
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*372.06*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.90*	
26 05 33 13-0053	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	2,126.01	461.13
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*395.26*	
		For 5 #10 THWN Conductor Instead Of THHN, Add	*7.37*	
26 05 33 13-0054	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	2,076.13	437.92
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*375.37*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*7.72*	
26 05 33 13-0055	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	2,287.28	468.87
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*401.89*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*12.76*	
26 05 33 13-0056	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	2,493.90	511.41
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*438.36*	
		For 4 #6 THWN Conductor Instead Of THHN, Add	*17.01*	

26 05 33 13-0057 Conduit *(26 05 33 13)*
Note: Where 4-1/2" conduit is required, use tasks for 5" conduit. Add couplings as required at each fitting.

26 05 33 13-0058 Conduit Installed Above Grade *(26 05 33 13-0057)*

26 05 33 13-0059 Rigid Galvanized Steel (RGS) Or Galvanized Rigid Steel Conduit (GRC) Conduit *(26 05 33 13-0058)*
Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0060 Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling *(26 05 33 13-0059)*
Note: Includes field bending for conduit up to 1".

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0061	LF	1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	9.31	2.43
		For >250 To 500, Deduct	*-0.16*	
		For >500 To 1,000, Deduct	*-0.55*	
		For >1,000, Deduct	*-0.78*	
		For Installation In Metal Stud Wall, Add	*0.61*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.52*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.91*	
		For Work In Restricted Working Space, Add	*1.82*	
		For Elevated Installation >10' To 15', Add	*0.61*	
		For Elevated Installation >15' To 20', Add	*1.22*	
		For Elevated Installation >20' To 25', Add	*1.52*	
		For Elevated Installation >25' To 30', Add	*2.13*	
		For Elevated Installation >30' To 35', Add	*2.43*	
		For Elevated Installation >35' To 40', Add	*3.04*	
		For Elevated Installation >40', Add	*3.34*	
26 05 33 13-0062	LF	3/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	11.06	2.66
		For >250 To 500, Deduct	*-0.20*	
		For >500 To 1,000, Deduct	*-0.65*	
		For >1,000, Deduct	*-0.93*	
		For Installation In Metal Stud Wall, Add	*0.71*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.77*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.06*	
		For Work In Restricted Working Space, Add	*2.12*	
		For Elevated Installation >10' To 15', Add	*0.71*	
		For Elevated Installation >15' To 20', Add	*1.41*	
		For Elevated Installation >20' To 25', Add	*1.77*	
		For Elevated Installation >25' To 30', Add	*2.47*	
		For Elevated Installation >30' To 35', Add	*2.83*	
		For Elevated Installation >35' To 40', Add	*3.54*	
		For Elevated Installation >40', Add	*3.89*	
26 05 33 13-0063	LF	1" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	15.67	3.10
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.94*	
		For >1,000, Deduct	*-1.33*	
		For Installation In Metal Stud Wall, Add	*0.95*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.38*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.43*	
		For Work In Restricted Working Space, Add	*2.85*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.90*	
		For Elevated Installation >20' To 25', Add	*2.38*	
		For Elevated Installation >25' To 30', Add	*3.33*	
		For Elevated Installation >30' To 35', Add	*3.80*	
		For Elevated Installation >35' To 40', Add	*4.75*	
		For Elevated Installation >40', Add	*5.23*	
26 05 33 13-0064	LF	1-1/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	18.29	3.54
		For >250 To 500, Deduct	*-0.41*	
		For >500 To 1,000, Deduct	*-1.12*	
		For >1,000, Deduct	*-1.58*	
		For Installation In Metal Stud Wall, Add	*1.01*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.52*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.51*	
		For Work In Restricted Working Space, Add	*3.02*	
		For Elevated Installation >10' To 15', Add	*1.01*	
		For Elevated Installation >15' To 20', Add	*2.01*	
		For Elevated Installation >20' To 25', Add	*2.52*	
		For Elevated Installation >25' To 30', Add	*3.52*	
		For Elevated Installation >30' To 35', Add	*4.02*	
		For Elevated Installation >35' To 40', Add	*5.03*	
		For Elevated Installation >40', Add	*5.53*	
26 05 33 13-0065	LF	1-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	21.13	3.98
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-1.31*	
		For >1,000, Deduct	*-1.84*	
		For Installation In Metal Stud Wall, Add	*1.11*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.76*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.66*	
		For Work In Restricted Working Space, Add	*3.32*	
		For Elevated Installation >10' To 15', Add	*1.11*	
		For Elevated Installation >15' To 20', Add	*2.21*	
		For Elevated Installation >20' To 25', Add	*2.76*	
		For Elevated Installation >25' To 30', Add	*3.87*	
		For Elevated Installation >30' To 35', Add	*4.42*	
		For Elevated Installation >35' To 40', Add	*5.53*	
		For Elevated Installation >40', Add	*6.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0066	LF	2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	27.07	4.86
		For >250 To 500, Deduct	*-0.67*	
		For >500 To 1,000, Deduct	*-1.69*	
		For >1,000, Deduct	*-2.37*	
		For Installation In Metal Stud Wall, Add	*1.36*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.40*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.04*	
		For Work In Restricted Working Space, Add	*4.08*	
		For Elevated Installation >10' To 15', Add	*1.36*	
		For Elevated Installation >15' To 20', Add	*2.72*	
		For Elevated Installation >20' To 25', Add	*3.40*	
		For Elevated Installation >25' To 30', Add	*4.76*	
		For Elevated Installation >30' To 35', Add	*5.44*	
		For Elevated Installation >35' To 40', Add	*6.80*	
		For Elevated Installation >40', Add	*7.47*	
26 05 33 13-0067	LF	2-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	40.80	6.63
		For >250 To 500, Deduct	*-1.12*	
		For >500 To 1,000, Deduct	*-2.60*	
		For >1,000, Deduct	*-3.62*	
		For Installation In Metal Stud Wall, Add	*1.85*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*4.62*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.77*	
		For Work In Restricted Working Space, Add	*5.54*	
		For Elevated Installation >10' To 15', Add	*1.85*	
		For Elevated Installation >15' To 20', Add	*3.69*	
		For Elevated Installation >20' To 25', Add	*4.62*	
		For Elevated Installation >25' To 30', Add	*6.46*	
		For Elevated Installation >30' To 35', Add	*7.38*	
		For Elevated Installation >35' To 40', Add	*9.23*	
		For Elevated Installation >40', Add	*10.15*	
26 05 33 13-0068	LF	3" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	53.29	8.84
		For >250 To 500, Deduct	*-1.42*	
		For >500 To 1,000, Deduct	*-3.38*	
		For >1,000, Deduct	*-4.71*	
		For Installation In Metal Stud Wall, Add	*2.49*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*6.22*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.73*	
		For Work In Restricted Working Space, Add	*7.46*	
		For Elevated Installation >10' To 15', Add	*2.49*	
		For Elevated Installation >15' To 20', Add	*4.97*	
		For Elevated Installation >20' To 25', Add	*6.22*	
		For Elevated Installation >25' To 30', Add	*8.70*	
		For Elevated Installation >30' To 35', Add	*9.94*	
		For Elevated Installation >35' To 40', Add	*12.43*	
		For Elevated Installation >40', Add	*13.67*	
26 05 33 13-0069	LF	3-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	64.20	11.05
		For >250 To 500, Deduct	*-1.73*	
		For >500 To 1,000, Deduct	*-4.08*	
		For >1,000, Deduct	*-5.68*	
		For Installation In Metal Stud Wall, Add	*2.95*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*7.38*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.43*	
		For Work In Restricted Working Space, Add	*8.85*	
		For Elevated Installation >10' To 15', Add	*2.95*	
		For Elevated Installation >15' To 20', Add	*5.90*	
		For Elevated Installation >20' To 25', Add	*7.38*	
		For Elevated Installation >25' To 30', Add	*10.33*	
		For Elevated Installation >30' To 35', Add	*11.80*	
		For Elevated Installation >35' To 40', Add	*14.76*	
		For Elevated Installation >40', Add	*16.23*	
26 05 33 13-0070	LF	4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	76.42	13.26
		For >250 To 500, Deduct	*-2.12*	
		For >500 To 1,000, Deduct	*-4.88*	
		For >1,000, Deduct	*-6.79*	
		For Installation In Metal Stud Wall, Add	*3.40*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*8.51*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*5.11*	
		For Work In Restricted Working Space, Add	*10.21*	
		For Elevated Installation >10' To 15', Add	*3.40*	
		For Elevated Installation >15' To 20', Add	*6.81*	
		For Elevated Installation >20' To 25', Add	*8.51*	
		For Elevated Installation >25' To 30', Add	*11.91*	
		For Elevated Installation >30' To 35', Add	*13.62*	
		For Elevated Installation >35' To 40', Add	*17.02*	
		For Elevated Installation >40', Add	*18.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0071	LF	5" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	123.81	16.79
		For >250 To 500, Deduct	*-4.09*	
		For >500 To 1,000, Deduct	*-8.24*	
		For >1,000, Deduct	*-11.33*	
		For Installation In Metal Stud Wall, Add	*4.20*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*10.50*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*6.30*	
		For Work In Restricted Working Space, Add	*12.60*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.50*	
		For Elevated Installation >25' To 30', Add	*14.70*	
		For Elevated Installation >30' To 35', Add	*16.80*	
		For Elevated Installation >35' To 40', Add	*21.00*	
		For Elevated Installation >40', Add	*23.09*	
26 05 33 13-0072	LF	6" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	168.05	21.21
		For >250 To 500, Deduct	*-5.75*	
		For >500 To 1,000, Deduct	*-11.28*	
		For >1,000, Deduct	*-15.48*	
		For Installation In Metal Stud Wall, Add	*5.31*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*13.26*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*7.96*	
		For Work In Restricted Working Space, Add	*15.92*	
		For Elevated Installation >10' To 15', Add	*5.31*	
		For Elevated Installation >15' To 20', Add	*10.61*	
		For Elevated Installation >20' To 25', Add	*13.26*	
		For Elevated Installation >25' To 30', Add	*18.57*	
		For Elevated Installation >30' To 35', Add	*21.22*	
		For Elevated Installation >35' To 40', Add	*26.53*	
		For Elevated Installation >40', Add	*29.18*	

26 05 33 13-0073 Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2297 for conduit field bending.

26 05 33 13-0074	EA	1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	32.94	10.94
		For Work In Restricted Working Space, Add	*8.23*	
		For Elevated Installation >10' To 15', Add	*2.74*	
		For Elevated Installation >15' To 20', Add	*5.49*	
		For Elevated Installation >20' To 25', Add	*6.86*	
		For Elevated Installation >25' To 30', Add	*9.60*	
		For Elevated Installation >30' To 35', Add	*10.98*	
		For Elevated Installation >35' To 40', Add	*13.72*	
		For Elevated Installation >40', Add	*15.09*	
26 05 33 13-0075	EA	3/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	41.36	13.59
		For Work In Restricted Working Space, Add	*10.23*	
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.82*	
		For Elevated Installation >20' To 25', Add	*8.53*	
		For Elevated Installation >25' To 30', Add	*11.94*	
		For Elevated Installation >30' To 35', Add	*13.64*	
		For Elevated Installation >35' To 40', Add	*17.06*	
		For Elevated Installation >40', Add	*18.76*	
26 05 33 13-0076	EA	1" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	52.76	16.68
		For Work In Restricted Working Space, Add	*12.48*	
		For Elevated Installation >10' To 15', Add	*4.16*	
		For Elevated Installation >15' To 20', Add	*8.32*	
		For Elevated Installation >20' To 25', Add	*10.40*	
		For Elevated Installation >25' To 30', Add	*14.56*	
		For Elevated Installation >30' To 35', Add	*16.64*	
		For Elevated Installation >35' To 40', Add	*20.80*	
		For Elevated Installation >40', Add	*22.88*	
26 05 33 13-0077	EA	1-1/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	67.39	19.34
		For Work In Restricted Working Space, Add	*14.49*	
		For Elevated Installation >10' To 15', Add	*4.83*	
		For Elevated Installation >15' To 20', Add	*9.66*	
		For Elevated Installation >20' To 25', Add	*12.08*	
		For Elevated Installation >25' To 30', Add	*16.91*	
		For Elevated Installation >30' To 35', Add	*19.32*	
		For Elevated Installation >35' To 40', Add	*24.15*	
		For Elevated Installation >40', Add	*26.57*	
26 05 33 13-0078	EA	1-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	78.20	22.21
		For Work In Restricted Working Space, Add	*16.63*	
		For Elevated Installation >10' To 15', Add	*5.54*	
		For Elevated Installation >15' To 20', Add	*11.09*	
		For Elevated Installation >20' To 25', Add	*13.86*	
		For Elevated Installation >25' To 30', Add	*19.40*	
		For Elevated Installation >30' To 35', Add	*22.18*	
		For Elevated Installation >35' To 40', Add	*27.72*	
		For Elevated Installation >40', Add	*30.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0079	EA	2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	92.28	24.42
		For Work In Restricted Working Space, Add	*18.30*	
		For Elevated Installation >10' To 15', Add	*6.10*	
		For Elevated Installation >15' To 20', Add	*12.20*	
		For Elevated Installation >20' To 25', Add	*15.25*	
		For Elevated Installation >25' To 30', Add	*21.35*	
		For Elevated Installation >30' To 35', Add	*24.40*	
		For Elevated Installation >35' To 40', Add	*30.50*	
		For Elevated Installation >40', Add	*33.54*	
26 05 33 13-0080	EA	2-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	132.00	30.50
		For Work In Restricted Working Space, Add	*22.87*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.25*	
		For Elevated Installation >20' To 25', Add	*19.06*	
		For Elevated Installation >25' To 30', Add	*26.68*	
		For Elevated Installation >30' To 35', Add	*30.50*	
		For Elevated Installation >35' To 40', Add	*38.12*	
		For Elevated Installation >40', Add	*41.93*	
26 05 33 13-0081	EA	3" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	186.88	41.55
		For Work In Restricted Working Space, Add	*31.16*	
		For Elevated Installation >10' To 15', Add	*10.39*	
		For Elevated Installation >15' To 20', Add	*20.77*	
		For Elevated Installation >20' To 25', Add	*25.97*	
		For Elevated Installation >25' To 30', Add	*36.35*	
		For Elevated Installation >30' To 35', Add	*41.54*	
		For Elevated Installation >35' To 40', Add	*51.93*	
		For Elevated Installation >40', Add	*57.12*	
26 05 33 13-0082	EA	3-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	246.94	46.85
		For Work In Restricted Working Space, Add	*35.15*	
		For Elevated Installation >10' To 15', Add	*11.72*	
		For Elevated Installation >15' To 20', Add	*23.43*	
		For Elevated Installation >20' To 25', Add	*29.29*	
		For Elevated Installation >25' To 30', Add	*41.00*	
		For Elevated Installation >30' To 35', Add	*46.86*	
		For Elevated Installation >35' To 40', Add	*58.58*	
		For Elevated Installation >40', Add	*64.43*	
26 05 33 13-0083	EA	4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	302.04	61.00
		For Work In Restricted Working Space, Add	*45.74*	
		For Elevated Installation >10' To 15', Add	*15.25*	
		For Elevated Installation >15' To 20', Add	*30.49*	
		For Elevated Installation >20' To 25', Add	*38.12*	
		For Elevated Installation >25' To 30', Add	*53.36*	
		For Elevated Installation >30' To 35', Add	*60.99*	
		For Elevated Installation >35' To 40', Add	*76.24*	
		For Elevated Installation >40', Add	*83.86*	
26 05 33 13-0084	EA	5" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	494.07	99.45
		For Work In Restricted Working Space, Add	*74.60*	
		For Elevated Installation >10' To 15', Add	*24.87*	
		For Elevated Installation >15' To 20', Add	*49.73*	
		For Elevated Installation >20' To 25', Add	*62.16*	
		For Elevated Installation >25' To 30', Add	*87.03*	
		For Elevated Installation >30' To 35', Add	*99.46*	
		For Elevated Installation >35' To 40', Add	*124.33*	
		For Elevated Installation >40', Add	*136.76*	
26 05 33 13-0085	EA	6" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	742.76	149.40
		For Work In Restricted Working Space, Add	*112.04*	
		For Elevated Installation >10' To 15', Add	*37.35*	
		For Elevated Installation >15' To 20', Add	*74.70*	
		For Elevated Installation >20' To 25', Add	*93.37*	
		For Elevated Installation >25' To 30', Add	*130.72*	
		For Elevated Installation >30' To 35', Add	*149.39*	
		For Elevated Installation >35' To 40', Add	*186.74*	
		For Elevated Installation >40', Add	*205.41*	

26 05 33 13-0086 Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2297 for conduit field bending.

26 05 33 13-0087	EA	1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	32.94	10.94
		For Work In Restricted Working Space, Add	*8.23*	
		For Elevated Installation >10' To 15', Add	*2.74*	
		For Elevated Installation >15' To 20', Add	*5.49*	
		For Elevated Installation >20' To 25', Add	*6.86*	
		For Elevated Installation >25' To 30', Add	*9.60*	
		For Elevated Installation >30' To 35', Add	*10.98*	
		For Elevated Installation >35' To 40', Add	*13.72*	
		For Elevated Installation >40', Add	*15.09*	
26 05 33 13-0088	EA	3/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	41.36	13.59
		For Work In Restricted Working Space, Add	*10.23*	
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.82*	
		For Elevated Installation >20' To 25', Add	*8.53*	
		For Elevated Installation >25' To 30', Add	*11.94*	
		For Elevated Installation >30' To 35', Add	*13.64*	
		For Elevated Installation >35' To 40', Add	*17.06*	
		For Elevated Installation >40', Add	*18.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0089	EA	1" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	52.76	16.68
		For Work In Restricted Working Space, Add	*12.48*	
		For Elevated Installation >10' To 15', Add	*4.16*	
		For Elevated Installation >15' To 20', Add	*8.32*	
		For Elevated Installation >20' To 25', Add	*10.40*	
		For Elevated Installation >25' To 30', Add	*14.56*	
		For Elevated Installation >30' To 35', Add	*16.64*	
		For Elevated Installation >35' To 40', Add	*20.80*	
		For Elevated Installation >40', Add	*22.88*	
26 05 33 13-0090	EA	1-1/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	67.39	19.34
		For Work In Restricted Working Space, Add	*14.49*	
		For Elevated Installation >10' To 15', Add	*4.83*	
		For Elevated Installation >15' To 20', Add	*9.66*	
		For Elevated Installation >20' To 25', Add	*12.08*	
		For Elevated Installation >25' To 30', Add	*16.91*	
		For Elevated Installation >30' To 35', Add	*19.32*	
		For Elevated Installation >35' To 40', Add	*24.15*	
		For Elevated Installation >40', Add	*26.57*	
26 05 33 13-0091	EA	1-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	78.20	22.21
		For Work In Restricted Working Space, Add	*16.63*	
		For Elevated Installation >10' To 15', Add	*5.54*	
		For Elevated Installation >15' To 20', Add	*11.09*	
		For Elevated Installation >20' To 25', Add	*13.86*	
		For Elevated Installation >25' To 30', Add	*19.40*	
		For Elevated Installation >30' To 35', Add	*22.18*	
		For Elevated Installation >35' To 40', Add	*27.72*	
		For Elevated Installation >40', Add	*30.49*	
26 05 33 13-0092	EA	2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	92.28	24.42
		For Work In Restricted Working Space, Add	*18.30*	
		For Elevated Installation >10' To 15', Add	*6.10*	
		For Elevated Installation >15' To 20', Add	*12.20*	
		For Elevated Installation >20' To 25', Add	*15.25*	
		For Elevated Installation >25' To 30', Add	*21.35*	
		For Elevated Installation >30' To 35', Add	*24.40*	
		For Elevated Installation >35' To 40', Add	*30.50*	
		For Elevated Installation >40', Add	*33.54*	
26 05 33 13-0093	EA	2-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	129.74	30.50
		For Work In Restricted Working Space, Add	*22.87*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.25*	
		For Elevated Installation >20' To 25', Add	*19.06*	
		For Elevated Installation >25' To 30', Add	*26.68*	
		For Elevated Installation >30' To 35', Add	*30.50*	
		For Elevated Installation >35' To 40', Add	*38.12*	
		For Elevated Installation >40', Add	*41.93*	
26 05 33 13-0094	EA	3" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	178.06	41.55
		For Work In Restricted Working Space, Add	*31.16*	
		For Elevated Installation >10' To 15', Add	*10.39*	
		For Elevated Installation >15' To 20', Add	*20.77*	
		For Elevated Installation >20' To 25', Add	*25.97*	
		For Elevated Installation >25' To 30', Add	*36.35*	
		For Elevated Installation >30' To 35', Add	*41.54*	
		For Elevated Installation >35' To 40', Add	*51.93*	
		For Elevated Installation >40', Add	*57.12*	
26 05 33 13-0095	EA	3-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	234.54	46.85
		For Work In Restricted Working Space, Add	*35.15*	
		For Elevated Installation >10' To 15', Add	*11.72*	
		For Elevated Installation >15' To 20', Add	*23.43*	
		For Elevated Installation >20' To 25', Add	*29.29*	
		For Elevated Installation >25' To 30', Add	*41.00*	
		For Elevated Installation >30' To 35', Add	*46.86*	
		For Elevated Installation >35' To 40', Add	*58.58*	
		For Elevated Installation >40', Add	*64.43*	
26 05 33 13-0096	EA	4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	285.55	61.00
		For Work In Restricted Working Space, Add	*45.74*	
		For Elevated Installation >10' To 15', Add	*15.25*	
		For Elevated Installation >15' To 20', Add	*30.49*	
		For Elevated Installation >20' To 25', Add	*38.12*	
		For Elevated Installation >25' To 30', Add	*53.36*	
		For Elevated Installation >30' To 35', Add	*60.99*	
		For Elevated Installation >35' To 40', Add	*76.24*	
		For Elevated Installation >40', Add	*83.86*	
26 05 33 13-0097	EA	5" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	494.06	99.45
		For Work In Restricted Working Space, Add	*74.59*	
		For Elevated Installation >10' To 15', Add	*24.86*	
		For Elevated Installation >15' To 20', Add	*49.73*	
		For Elevated Installation >20' To 25', Add	*62.16*	
		For Elevated Installation >25' To 30', Add	*87.02*	
		For Elevated Installation >30' To 35', Add	*99.46*	
		For Elevated Installation >35' To 40', Add	*124.32*	
		For Elevated Installation >40', Add	*136.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0098	EA	6" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	742.76	149.40
		For Work In Restricted Working Space, Add	*112.04*	
		For Elevated Installation >10' To 15', Add	*37.35*	
		For Elevated Installation >15' To 20', Add	*74.70*	
		For Elevated Installation >20' To 25', Add	*93.37*	
		For Elevated Installation >25' To 30', Add	*130.72*	
		For Elevated Installation >30' To 35', Add	*149.39*	
		For Elevated Installation >35' To 40', Add	*186.74*	
		For Elevated Installation >40', Add	*205.41*	
26 05 33 13-0099		Rigid Galvanized Steel (RGS) 12" Large Radius Elbow *(26 05 33 13-0059)*		
		See CSI section 26 05 33 13-2297 for conduit field bending.		
26 05 33 13-0100	EA	1" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	81.17	27.30
		For Work In Restricted Working Space, Add	*16.38*	
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
26 05 33 13-0101	EA	1-1/4" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	93.55	31.60
		For Work In Restricted Working Space, Add	*18.96*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
26 05 33 13-0102	EA	1-1/2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	108.16	35.91
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
26 05 33 13-0103	EA	2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	121.83	39.50
		For Work In Restricted Working Space, Add	*23.70*	
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
26 05 33 13-0104		Rigid Galvanized Steel (RGS) 15" Large Radius Elbow *(26 05 33 13-0059)*		
		See CSI section 26 05 33 13-2297 for conduit field bending.		
26 05 33 13-0105	EA	1" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	88.06	27.30
		For Work In Restricted Working Space, Add	*16.38*	
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
26 05 33 13-0106	EA	1-1/4" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	102.41	31.60
		For Work In Restricted Working Space, Add	*18.96*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
26 05 33 13-0107	EA	1-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	112.20	35.91
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0108	EA	2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	126.34	39.50
		For Work In Restricted Working Space, Add	*23.70*	
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
26 05 33 13-0109	EA	2-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	167.81	49.57
		For Work In Restricted Working Space, Add	*29.74*	
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
26 05 33 13-0110	EA	3" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	225.88	67.52
		For Work In Restricted Working Space, Add	*40.51*	
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	

26 05 33 13-0111 Rigid Galvanized Steel (RGS) 18" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2297 for conduit field bending.

26 05 33 13-0112	EA	1" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	88.39	27.30
		For Work In Restricted Working Space, Add	*16.38*	
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
26 05 33 13-0113	EA	1-1/4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	101.53	31.60
		For Work In Restricted Working Space, Add	*18.96*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
26 05 33 13-0114	EA	1-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	116.56	35.91
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
26 05 33 13-0115	EA	2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	136.10	39.50
		For Work In Restricted Working Space, Add	*23.70*	
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
26 05 33 13-0116	EA	2-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	176.91	49.57
		For Work In Restricted Working Space, Add	*29.74*	
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
26 05 33 13-0117	EA	3" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	233.21	67.52
		For Work In Restricted Working Space, Add	*40.51*	
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0118	EA	3-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	291.06	76.13
		For Work In Restricted Working Space, Add	*45.68*	
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	
26 05 33 13-0119	EA	4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	353.31	99.12
		For Work In Restricted Working Space, Add	*59.47*	
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
26 05 33 13-0120		**Rigid Galvanized Steel (RGS) 24" Large Radius Elbow** *(26 05 33 13-0059)*		
		See CSI section 26 05 33 13-2297 for conduit field bending.		
26 05 33 13-0121	EA	1" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	99.38	27.30
		For Work In Restricted Working Space, Add	*16.38*	
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
26 05 33 13-0122	EA	1-1/4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	112.32	31.60
		For Work In Restricted Working Space, Add	*18.96*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
26 05 33 13-0123	EA	1-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	124.64	35.91
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
26 05 33 13-0124	EA	2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	148.01	39.50
		For Work In Restricted Working Space, Add	*23.70*	
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
26 05 33 13-0125	EA	2-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	193.15	49.57
		For Work In Restricted Working Space, Add	*29.74*	
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
26 05 33 13-0126	EA	3" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	258.67	67.52
		For Work In Restricted Working Space, Add	*40.51*	
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
26 05 33 13-0127	EA	3-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	315.81	76.13
		For Work In Restricted Working Space, Add	*45.68*	
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0128	EA	4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	373.04	99.12
		For Work In Restricted Working Space, Add	*59.47*	
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	

26 05 33 13-0129 Rigid Galvanized Steel (RGS) 30" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2297 for conduit field bending.

26 05 33 13-0130	EA	1" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	98.71	27.30
		For Work In Restricted Working Space, Add	*16.38*	
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
26 05 33 13-0131	EA	1-1/4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	120.33	31.60
		For Work In Restricted Working Space, Add	*18.96*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
26 05 33 13-0132	EA	1-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	133.32	35.91
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
26 05 33 13-0133	EA	2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	159.35	39.50
		For Work In Restricted Working Space, Add	*23.70*	
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
26 05 33 13-0134	EA	2-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	208.72	49.57
		For Work In Restricted Working Space, Add	*29.74*	
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
26 05 33 13-0135	EA	3" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	278.77	67.52
		For Work In Restricted Working Space, Add	*40.51*	
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
26 05 33 13-0136	EA	3-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	340.27	76.13
		For Work In Restricted Working Space, Add	*45.68*	
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	
26 05 33 13-0137	EA	4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	409.25	99.12
		For Work In Restricted Working Space, Add	*59.47*	
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0138	EA	5" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	594.25	161.61
		For Work In Restricted Working Space, Add	*96.97*	
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
26 05 33 13-0139		Rigid Galvanized Steel (RGS) 36" Large Radius Elbow *(26 05 33 13-0059)*		
		See CSI section 26 05 33 13-2297 for conduit field bending.		
26 05 33 13-0140	EA	1" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	104.58	27.30
		For Work In Restricted Working Space, Add	*16.38*	
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
26 05 33 13-0141	EA	1-1/4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	124.28	31.60
		For Work In Restricted Working Space, Add	*18.96*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
26 05 33 13-0142	EA	1-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	148.53	35.91
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
26 05 33 13-0143	EA	2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	168.21	39.50
		For Work In Restricted Working Space, Add	*23.70*	
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
26 05 33 13-0144	EA	2-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	227.20	49.57
		For Work In Restricted Working Space, Add	*29.74*	
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
26 05 33 13-0145	EA	3" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	295.96	67.52
		For Work In Restricted Working Space, Add	*40.51*	
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
26 05 33 13-0146	EA	3-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	371.87	76.13
		For Work In Restricted Working Space, Add	*45.68*	
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	
26 05 33 13-0147	EA	4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	426.29	99.12
		For Work In Restricted Working Space, Add	*59.47*	
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0148	EA	5" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	733.24	161.61
		For Work In Restricted Working Space, Add	*96.97*	
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
26 05 33 13-0149	EA	6" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	936.02	242.78
		For Work In Restricted Working Space, Add	*145.67*	
		For Elevated Installation >10' To 15', Add	*48.56*	
		For Elevated Installation >15' To 20', Add	*97.11*	
		For Elevated Installation >20' To 25', Add	*121.39*	
		For Elevated Installation >25' To 30', Add	*169.95*	
		For Elevated Installation >30' To 35', Add	*194.22*	
		For Elevated Installation >35' To 40', Add	*242.78*	
		For Elevated Installation >40', Add	*267.06*	

26 05 33 13-0150 Rigid Galvanized Steel (RGS) 42" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2297 for conduit field bending.

26 05 33 13-0151	EA	1" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	113.18	27.30
		For Work In Restricted Working Space, Add	*16.38*	
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
26 05 33 13-0152	EA	1-1/4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	134.78	31.60
		For Work In Restricted Working Space, Add	*18.96*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
26 05 33 13-0153	EA	1-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	159.70	35.91
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.37*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.92*	
		For Elevated Installation >40', Add	*39.51*	
26 05 33 13-0154	EA	2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	179.88	39.50
		For Work In Restricted Working Space, Add	*23.70*	
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
26 05 33 13-0155	EA	2-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	241.32	49.57
		For Work In Restricted Working Space, Add	*29.74*	
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
26 05 33 13-0156	EA	3" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	321.15	67.52
		For Work In Restricted Working Space, Add	*40.51*	
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
26 05 33 13-0157	EA	3-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	397.13	76.13
		For Work In Restricted Working Space, Add	*45.68*	
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0158	EA	4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	498.97	99.12
		For Work In Restricted Working Space, Add	*59.47*	
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
26 05 33 13-0159	EA	5" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	833.51	161.61
		For Work In Restricted Working Space, Add	*96.97*	
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
26 05 33 13-0160	EA	6" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,022.84	242.78
		For Work In Restricted Working Space, Add	*145.67*	
		For Elevated Installation >10' To 15', Add	*48.56*	
		For Elevated Installation >15' To 20', Add	*97.11*	
		For Elevated Installation >20' To 25', Add	*121.39*	
		For Elevated Installation >25' To 30', Add	*169.95*	
		For Elevated Installation >30' To 35', Add	*194.22*	
		For Elevated Installation >35' To 40', Add	*242.78*	
		For Elevated Installation >40', Add	*267.06*	

26 05 33 13-0161 Rigid Galvanized Steel (RGS) 48" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2297 for conduit field bending.

26 05 33 13-0162	EA	1" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	120.34	27.30
		For Work In Restricted Working Space, Add	*16.38*	
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
26 05 33 13-0163	EA	1-1/4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	142.87	31.60
		For Work In Restricted Working Space, Add	*18.96*	
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
26 05 33 13-0164	EA	1-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	166.76	35.91
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.37*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.92*	
		For Elevated Installation >40', Add	*39.51*	
26 05 33 13-0165	EA	2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	201.69	39.50
		For Work In Restricted Working Space, Add	*23.70*	
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
26 05 33 13-0166	EA	2-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	267.38	49.57
		For Work In Restricted Working Space, Add	*29.74*	
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
26 05 33 13-0167	EA	3" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	346.53	67.52
		For Work In Restricted Working Space, Add	*40.51*	
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0168	EA	3-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	428.89	76.13
		For Work In Restricted Working Space, Add	*45.68*	
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	
26 05 33 13-0169	EA	4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	537.55	99.12
		For Work In Restricted Working Space, Add	*59.47*	
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
26 05 33 13-0170	EA	5" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	864.91	161.61
		For Work In Restricted Working Space, Add	*96.97*	
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
26 05 33 13-0171	EA	6" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,040.41	242.78
		For Work In Restricted Working Space, Add	*145.67*	
		For Elevated Installation >10' To 15', Add	*48.56*	
		For Elevated Installation >15' To 20', Add	*97.11*	
		For Elevated Installation >20' To 25', Add	*121.39*	
		For Elevated Installation >25' To 30', Add	*169.95*	
		For Elevated Installation >30' To 35', Add	*194.22*	
		For Elevated Installation >35' To 40', Add	*242.78*	
		For Elevated Installation >40', Add	*267.06*	

26 05 33 13-0172 Rigid Galvanized Steel (RGS) Plastic Insulating Bushing *(26 05 33 13-0059)*

26 05 33 13-0173	EA	1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	14.48	7.05
		For Work In Restricted Working Space, Add	*4.23*	
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.82*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.93*	
		For Elevated Installation >30' To 35', Add	*5.64*	
		For Elevated Installation >35' To 40', Add	*7.05*	
		For Elevated Installation >40', Add	*7.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.23*	
26 05 33 13-0174	EA	3/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	15.54	7.52
		For Work In Restricted Working Space, Add	*4.51*	
		For Elevated Installation >10' To 15', Add	*1.50*	
		For Elevated Installation >15' To 20', Add	*3.01*	
		For Elevated Installation >20' To 25', Add	*3.76*	
		For Elevated Installation >25' To 30', Add	*5.26*	
		For Elevated Installation >30' To 35', Add	*6.01*	
		For Elevated Installation >35' To 40', Add	*7.52*	
		For Elevated Installation >40', Add	*8.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.51*	
26 05 33 13-0175	EA	1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	17.68	8.45
		For Work In Restricted Working Space, Add	*5.07*	
		For Elevated Installation >10' To 15', Add	*1.69*	
		For Elevated Installation >15' To 20', Add	*3.38*	
		For Elevated Installation >20' To 25', Add	*4.23*	
		For Elevated Installation >25' To 30', Add	*5.92*	
		For Elevated Installation >30' To 35', Add	*6.76*	
		For Elevated Installation >35' To 40', Add	*8.45*	
		For Elevated Installation >40', Add	*9.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.07*	
26 05 33 13-0176	EA	1-1/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	19.91	9.39
		For Work In Restricted Working Space, Add	*5.64*	
		For Elevated Installation >10' To 15', Add	*1.88*	
		For Elevated Installation >15' To 20', Add	*3.76*	
		For Elevated Installation >20' To 25', Add	*4.70*	
		For Elevated Installation >25' To 30', Add	*6.58*	
		For Elevated Installation >30' To 35', Add	*7.52*	
		For Elevated Installation >35' To 40', Add	*9.40*	
		For Elevated Installation >40', Add	*10.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0177	EA	1-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	25.02	11.74
		For Work In Restricted Working Space, Add	*7.04*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.70*	
		For Elevated Installation >20' To 25', Add	*5.87*	
		For Elevated Installation >25' To 30', Add	*8.22*	
		For Elevated Installation >30' To 35', Add	*9.39*	
		For Elevated Installation >35' To 40', Add	*11.74*	
		For Elevated Installation >40', Add	*12.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.04*	
26 05 33 13-0178	EA	2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	31.03	14.09
		For Work In Restricted Working Space, Add	*8.45*	
		For Elevated Installation >10' To 15', Add	*2.82*	
		For Elevated Installation >15' To 20', Add	*5.64*	
		For Elevated Installation >20' To 25', Add	*7.05*	
		For Elevated Installation >25' To 30', Add	*9.86*	
		For Elevated Installation >30' To 35', Add	*11.27*	
		For Elevated Installation >35' To 40', Add	*14.09*	
		For Elevated Installation >40', Add	*15.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.45*	
26 05 33 13-0179	EA	2-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	39.17	16.44
		For Work In Restricted Working Space, Add	*9.86*	
		For Elevated Installation >10' To 15', Add	*3.29*	
		For Elevated Installation >15' To 20', Add	*6.57*	
		For Elevated Installation >20' To 25', Add	*8.22*	
		For Elevated Installation >25' To 30', Add	*11.50*	
		For Elevated Installation >30' To 35', Add	*13.15*	
		For Elevated Installation >35' To 40', Add	*16.44*	
		For Elevated Installation >40', Add	*18.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 05 33 13-0180	EA	3" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	44.22	18.79
		For Work In Restricted Working Space, Add	*11.27*	
		For Elevated Installation >10' To 15', Add	*3.76*	
		For Elevated Installation >15' To 20', Add	*7.52*	
		For Elevated Installation >20' To 25', Add	*9.40*	
		For Elevated Installation >25' To 30', Add	*13.15*	
		For Elevated Installation >30' To 35', Add	*15.03*	
		For Elevated Installation >35' To 40', Add	*18.79*	
		For Elevated Installation >40', Add	*20.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	
26 05 33 13-0181	EA	3-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	51.49	17.68
		For Work In Restricted Working Space, Add	*12.68*	
		For Elevated Installation >10' To 15', Add	*4.23*	
		For Elevated Installation >15' To 20', Add	*8.45*	
		For Elevated Installation >20' To 25', Add	*10.57*	
		For Elevated Installation >25' To 30', Add	*14.79*	
		For Elevated Installation >30' To 35', Add	*16.91*	
		For Elevated Installation >35' To 40', Add	*21.14*	
		For Elevated Installation >40', Add	*23.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.68*	
26 05 33 13-0182	EA	4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	57.12	23.48
		For Work In Restricted Working Space, Add	*14.09*	
		For Elevated Installation >10' To 15', Add	*4.70*	
		For Elevated Installation >15' To 20', Add	*9.39*	
		For Elevated Installation >20' To 25', Add	*11.74*	
		For Elevated Installation >25' To 30', Add	*16.44*	
		For Elevated Installation >30' To 35', Add	*18.78*	
		For Elevated Installation >35' To 40', Add	*23.48*	
		For Elevated Installation >40', Add	*25.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.09*	
26 05 33 13-0183	EA	5" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	68.98	25.83
		For Work In Restricted Working Space, Add	*15.50*	
		For Elevated Installation >10' To 15', Add	*5.17*	
		For Elevated Installation >15' To 20', Add	*10.33*	
		For Elevated Installation >20' To 25', Add	*12.92*	
		For Elevated Installation >25' To 30', Add	*18.08*	
		For Elevated Installation >30' To 35', Add	*20.66*	
		For Elevated Installation >35' To 40', Add	*25.83*	
		For Elevated Installation >40', Add	*28.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.50*	
26 05 33 13-0184	EA	6" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	100.22	28.18
		For Work In Restricted Working Space, Add	*16.91*	
		For Elevated Installation >10' To 15', Add	*5.64*	
		For Elevated Installation >15' To 20', Add	*11.27*	
		For Elevated Installation >20' To 25', Add	*14.09*	
		For Elevated Installation >25' To 30', Add	*19.72*	
		For Elevated Installation >30' To 35', Add	*22.54*	
		For Elevated Installation >35' To 40', Add	*28.18*	
		For Elevated Installation >40', Add	*30.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.91*	

26 05 33 13-0185 Rigid Galvanized Steel (RGS) Steel Bushing *(26 05 33 13-0059)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0186	EA	1/2" Rigid Galvanized Steel (RGS) Steel Bushing	17.53	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0187	EA	3/4" Rigid Galvanized Steel (RGS) Steel Bushing	19.09	8.84
		For Work In Restricted Working Space, Add	*5.30*	
		For Elevated Installation >10' To 15', Add	*1.77*	
		For Elevated Installation >15' To 20', Add	*3.54*	
		For Elevated Installation >20' To 25', Add	*4.42*	
		For Elevated Installation >25' To 30', Add	*6.19*	
		For Elevated Installation >30' To 35', Add	*7.07*	
		For Elevated Installation >35' To 40', Add	*8.84*	
		For Elevated Installation >40', Add	*9.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.30*	
26 05 33 13-0188	EA	1" Rigid Galvanized Steel (RGS) Steel Bushing	22.33	9.95
		For Work In Restricted Working Space, Add	*5.97*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.98*	
		For Elevated Installation >20' To 25', Add	*4.97*	
		For Elevated Installation >25' To 30', Add	*6.96*	
		For Elevated Installation >30' To 35', Add	*7.96*	
		For Elevated Installation >35' To 40', Add	*9.95*	
		For Elevated Installation >40', Add	*10.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.97*	
26 05 33 13-0189	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Bushing	25.12	11.05
		For Work In Restricted Working Space, Add	*6.63*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.42*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.74*	
		For Elevated Installation >30' To 35', Add	*8.84*	
		For Elevated Installation >35' To 40', Add	*11.05*	
		For Elevated Installation >40', Add	*12.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.63*	
26 05 33 13-0190	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	32.09	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-0191	EA	2" Rigid Galvanized Steel (RGS) Steel Bushing	37.95	16.57
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.95*	
26 05 33 13-0192	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	53.76	19.34
		For Work In Restricted Working Space, Add	*11.60*	
		For Elevated Installation >10' To 15', Add	*3.87*	
		For Elevated Installation >15' To 20', Add	*7.74*	
		For Elevated Installation >20' To 25', Add	*9.67*	
		For Elevated Installation >25' To 30', Add	*13.54*	
		For Elevated Installation >30' To 35', Add	*15.47*	
		For Elevated Installation >35' To 40', Add	*19.34*	
		For Elevated Installation >40', Add	*21.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.60*	
26 05 33 13-0193	EA	3" Rigid Galvanized Steel (RGS) Steel Bushing	63.99	22.10
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.10*	
		For Elevated Installation >40', Add	*24.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0194	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	95.94	24.86
		For Work In Restricted Working Space, Add	*14.92*	
		For Elevated Installation >10' To 15', Add	*4.97*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.43*	
		For Elevated Installation >25' To 30', Add	*17.41*	
		For Elevated Installation >30' To 35', Add	*19.89*	
		For Elevated Installation >35' To 40', Add	*24.87*	
		For Elevated Installation >40', Add	*27.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.92*	
26 05 33 13-0195	EA	4" Rigid Galvanized Steel (RGS) Steel Bushing	130.20	27.63
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	
26 05 33 13-0196	EA	5" Rigid Galvanized Steel (RGS) Steel Bushing	174.45	30.39
		For Work In Restricted Working Space, Add	*18.23*	
		For Elevated Installation >10' To 15', Add	*6.08*	
		For Elevated Installation >15' To 20', Add	*12.15*	
		For Elevated Installation >20' To 25', Add	*15.19*	
		For Elevated Installation >25' To 30', Add	*21.27*	
		For Elevated Installation >30' To 35', Add	*24.31*	
		For Elevated Installation >35' To 40', Add	*30.39*	
		For Elevated Installation >40', Add	*33.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.23*	
26 05 33 13-0197	EA	6" Rigid Galvanized Steel (RGS) Steel Bushing	258.16	33.15
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.89*	
26 05 33 13-0198		**Rigid Galvanized Steel (RGS) Steel Insulated Bushing** *(26 05 33 13-0059)*		
26 05 33 13-0199	EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	18.67	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0200	EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	20.80	8.84
		For Work In Restricted Working Space, Add	*5.30*	
		For Elevated Installation >10' To 15', Add	*1.77*	
		For Elevated Installation >15' To 20', Add	*3.54*	
		For Elevated Installation >20' To 25', Add	*4.42*	
		For Elevated Installation >25' To 30', Add	*6.19*	
		For Elevated Installation >30' To 35', Add	*7.07*	
		For Elevated Installation >35' To 40', Add	*8.84*	
		For Elevated Installation >40', Add	*9.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.30*	
26 05 33 13-0201	EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	24.49	9.95
		For Work In Restricted Working Space, Add	*5.97*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.98*	
		For Elevated Installation >20' To 25', Add	*4.97*	
		For Elevated Installation >25' To 30', Add	*6.96*	
		For Elevated Installation >30' To 35', Add	*7.96*	
		For Elevated Installation >35' To 40', Add	*9.95*	
		For Elevated Installation >40', Add	*10.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.97*	
26 05 33 13-0202	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	28.76	11.05
		For Work In Restricted Working Space, Add	*6.63*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.42*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.74*	
		For Elevated Installation >30' To 35', Add	*8.84*	
		For Elevated Installation >35' To 40', Add	*11.05*	
		For Elevated Installation >40', Add	*12.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0203	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	35.89	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-0204	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	44.68	16.57
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.95*	
26 05 33 13-0205	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	62.89	19.34
		For Work In Restricted Working Space, Add	*11.60*	
		For Elevated Installation >10' To 15', Add	*3.87*	
		For Elevated Installation >15' To 20', Add	*7.74*	
		For Elevated Installation >20' To 25', Add	*9.67*	
		For Elevated Installation >25' To 30', Add	*13.54*	
		For Elevated Installation >30' To 35', Add	*15.47*	
		For Elevated Installation >35' To 40', Add	*19.34*	
		For Elevated Installation >40', Add	*21.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.60*	
26 05 33 13-0206	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	74.69	22.10
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.10*	
		For Elevated Installation >40', Add	*24.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.26*	
26 05 33 13-0207	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	97.93	24.86
		For Work In Restricted Working Space, Add	*14.92*	
		For Elevated Installation >10' To 15', Add	*4.97*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.43*	
		For Elevated Installation >25' To 30', Add	*17.41*	
		For Elevated Installation >30' To 35', Add	*19.89*	
		For Elevated Installation >35' To 40', Add	*24.87*	
		For Elevated Installation >40', Add	*27.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.92*	
26 05 33 13-0208	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	139.11	27.63
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	
26 05 33 13-0209	EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	184.16	30.39
		For Work In Restricted Working Space, Add	*18.23*	
		For Elevated Installation >10' To 15', Add	*6.08*	
		For Elevated Installation >15' To 20', Add	*12.15*	
		For Elevated Installation >20' To 25', Add	*15.19*	
		For Elevated Installation >25' To 30', Add	*21.27*	
		For Elevated Installation >30' To 35', Add	*24.31*	
		For Elevated Installation >35' To 40', Add	*30.39*	
		For Elevated Installation >40', Add	*33.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.23*	
26 05 33 13-0210	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	261.59	33.15
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.89*	

26 05 33 13-0211 Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing *(26 05 33 13-0059)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0212	EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	28.36	9.95
		For Work In Restricted Working Space, Add	*5.97*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.98*	
		For Elevated Installation >20' To 25', Add	*4.97*	
		For Elevated Installation >25' To 30', Add	*6.96*	
		For Elevated Installation >30' To 35', Add	*7.96*	
		For Elevated Installation >35' To 40', Add	*9.95*	
		For Elevated Installation >40', Add	*10.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.97*	
26 05 33 13-0213	EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	31.77	11.05
		For Work In Restricted Working Space, Add	*6.63*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.42*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.74*	
		For Elevated Installation >30' To 35', Add	*8.84*	
		For Elevated Installation >35' To 40', Add	*11.05*	
		For Elevated Installation >40', Add	*12.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.63*	
26 05 33 13-0214	EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	36.37	12.15
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-0215	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	43.23	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-0216	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	52.26	17.12
		For Work In Restricted Working Space, Add	*10.28*	
		For Elevated Installation >10' To 15', Add	*3.43*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.57*	
		For Elevated Installation >25' To 30', Add	*11.99*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.13*	
		For Elevated Installation >40', Add	*18.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.28*	
26 05 33 13-0217	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	65.89	20.44
		For Work In Restricted Working Space, Add	*12.26*	
		For Elevated Installation >10' To 15', Add	*4.09*	
		For Elevated Installation >15' To 20', Add	*8.18*	
		For Elevated Installation >20' To 25', Add	*10.22*	
		For Elevated Installation >25' To 30', Add	*14.31*	
		For Elevated Installation >30' To 35', Add	*16.35*	
		For Elevated Installation >35' To 40', Add	*20.44*	
		For Elevated Installation >40', Add	*22.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.26*	
26 05 33 13-0218	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	88.38	23.76
		For Work In Restricted Working Space, Add	*14.26*	
		For Elevated Installation >10' To 15', Add	*4.75*	
		For Elevated Installation >15' To 20', Add	*9.50*	
		For Elevated Installation >20' To 25', Add	*11.88*	
		For Elevated Installation >25' To 30', Add	*16.63*	
		For Elevated Installation >30' To 35', Add	*19.01*	
		For Elevated Installation >35' To 40', Add	*23.76*	
		For Elevated Installation >40', Add	*26.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.26*	
26 05 33 13-0219	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	97.40	27.63
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0220	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	110.15	30.94
		For Work In Restricted Working Space, Add	*18.56*	
		For Elevated Installation >10' To 15', Add	*6.19*	
		For Elevated Installation >15' To 20', Add	*12.38*	
		For Elevated Installation >20' To 25', Add	*15.47*	
		For Elevated Installation >25' To 30', Add	*21.66*	
		For Elevated Installation >30' To 35', Add	*24.75*	
		For Elevated Installation >35' To 40', Add	*30.94*	
		For Elevated Installation >40', Add	*34.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.56*	
26 05 33 13-0221	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	142.40	34.26
		For Work In Restricted Working Space, Add	*20.55*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.13*	
		For Elevated Installation >25' To 30', Add	*23.98*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.26*	
		For Elevated Installation >40', Add	*37.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.55*	
26 05 33 13-0222	EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	202.33	37.58
		For Work In Restricted Working Space, Add	*22.54*	
		For Elevated Installation >10' To 15', Add	*7.51*	
		For Elevated Installation >15' To 20', Add	*15.03*	
		For Elevated Installation >20' To 25', Add	*18.79*	
		For Elevated Installation >25' To 30', Add	*26.30*	
		For Elevated Installation >30' To 35', Add	*30.06*	
		For Elevated Installation >35' To 40', Add	*37.57*	
		For Elevated Installation >40', Add	*41.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.54*	
26 05 33 13-0223	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	278.94	41.44
		For Work In Restricted Working Space, Add	*24.86*	
		For Elevated Installation >10' To 15', Add	*8.29*	
		For Elevated Installation >15' To 20', Add	*16.58*	
		For Elevated Installation >20' To 25', Add	*20.72*	
		For Elevated Installation >25' To 30', Add	*29.01*	
		For Elevated Installation >30' To 35', Add	*33.15*	
		For Elevated Installation >35' To 40', Add	*41.44*	
		For Elevated Installation >40', Add	*45.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.86*	

26 05 33 13-0224 Rigid Galvanized Steel (RGS) Box Connectors With Set Screw *(26 05 33 13-0059)*

26 05 33 13-0225	EA	1/2" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	17.80	5.08
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.31*	
		For Elevated Installation >40', Add	*6.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	
26 05 33 13-0226	EA	3/4" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	21.81	5.85
		For Work In Restricted Working Space, Add	*4.38*	
		For Elevated Installation >10' To 15', Add	*1.46*	
		For Elevated Installation >15' To 20', Add	*2.92*	
		For Elevated Installation >20' To 25', Add	*3.65*	
		For Elevated Installation >25' To 30', Add	*5.11*	
		For Elevated Installation >30' To 35', Add	*5.84*	
		For Elevated Installation >35' To 40', Add	*7.30*	
		For Elevated Installation >40', Add	*8.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.38*	
26 05 33 13-0227	EA	1" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	29.09	7.07
		For Work In Restricted Working Space, Add	*5.28*	
		For Elevated Installation >10' To 15', Add	*1.76*	
		For Elevated Installation >15' To 20', Add	*3.52*	
		For Elevated Installation >20' To 25', Add	*4.40*	
		For Elevated Installation >25' To 30', Add	*6.16*	
		For Elevated Installation >30' To 35', Add	*7.04*	
		For Elevated Installation >35' To 40', Add	*8.80*	
		For Elevated Installation >40', Add	*9.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.28*	
26 05 33 13-0228	EA	1-1/4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	44.43	8.73
		For Work In Restricted Working Space, Add	*6.57*	
		For Elevated Installation >10' To 15', Add	*2.19*	
		For Elevated Installation >15' To 20', Add	*4.38*	
		For Elevated Installation >20' To 25', Add	*5.48*	
		For Elevated Installation >25' To 30', Add	*7.67*	
		For Elevated Installation >30' To 35', Add	*8.76*	
		For Elevated Installation >35' To 40', Add	*10.95*	
		For Elevated Installation >40', Add	*12.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0229	EA	1-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	60.26	11.71
		For Work In Restricted Working Space, Add	*8.79*	
		For Elevated Installation >10' To 15', Add	*2.93*	
		For Elevated Installation >15' To 20', Add	*5.86*	
		For Elevated Installation >20' To 25', Add	*7.33*	
		For Elevated Installation >25' To 30', Add	*10.26*	
		For Elevated Installation >30' To 35', Add	*11.72*	
		For Elevated Installation >35' To 40', Add	*14.66*	
		For Elevated Installation >40', Add	*16.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.79*	
26 05 33 13-0230	EA	2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	104.57	17.57
		For Work In Restricted Working Space, Add	*13.17*	
		For Elevated Installation >10' To 15', Add	*4.39*	
		For Elevated Installation >15' To 20', Add	*8.78*	
		For Elevated Installation >20' To 25', Add	*10.98*	
		For Elevated Installation >25' To 30', Add	*15.37*	
		For Elevated Installation >30' To 35', Add	*17.56*	
		For Elevated Installation >35' To 40', Add	*21.95*	
		For Elevated Installation >40', Add	*24.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.17*	
26 05 33 13-0231	EA	2-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	198.77	19.45
		For Work In Restricted Working Space, Add	*14.59*	
		For Elevated Installation >10' To 15', Add	*4.86*	
		For Elevated Installation >15' To 20', Add	*9.72*	
		For Elevated Installation >20' To 25', Add	*12.16*	
		For Elevated Installation >25' To 30', Add	*17.02*	
		For Elevated Installation >30' To 35', Add	*19.45*	
		For Elevated Installation >35' To 40', Add	*24.31*	
		For Elevated Installation >40', Add	*26.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.59*	
26 05 33 13-0232	EA	3" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	236.62	23.54
		For Work In Restricted Working Space, Add	*17.67*	
		For Elevated Installation >10' To 15', Add	*5.89*	
		For Elevated Installation >15' To 20', Add	*11.78*	
		For Elevated Installation >20' To 25', Add	*14.72*	
		For Elevated Installation >25' To 30', Add	*20.61*	
		For Elevated Installation >30' To 35', Add	*23.56*	
		For Elevated Installation >35' To 40', Add	*29.45*	
		For Elevated Installation >40', Add	*32.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.67*	
26 05 33 13-0233	EA	3-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	321.93	29.51
		For Work In Restricted Working Space, Add	*22.12*	
		For Elevated Installation >10' To 15', Add	*7.37*	
		For Elevated Installation >15' To 20', Add	*14.74*	
		For Elevated Installation >20' To 25', Add	*18.43*	
		For Elevated Installation >25' To 30', Add	*25.80*	
		For Elevated Installation >30' To 35', Add	*29.49*	
		For Elevated Installation >35' To 40', Add	*36.86*	
		For Elevated Installation >40', Add	*40.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.12*	
26 05 33 13-0234	EA	4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	376.45	35.36
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.52*	
26 05 33 13-0235	EA	5" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	680.46	39.34
		For Work In Restricted Working Space, Add	*29.47*	
		For Elevated Installation >10' To 15', Add	*9.82*	
		For Elevated Installation >15' To 20', Add	*19.65*	
		For Elevated Installation >20' To 25', Add	*24.56*	
		For Elevated Installation >25' To 30', Add	*34.38*	
		For Elevated Installation >30' To 35', Add	*39.30*	
		For Elevated Installation >35' To 40', Add	*49.12*	
		For Elevated Installation >40', Add	*54.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.47*	
26 05 33 13-0236	EA	6" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	815.27	44.20
		For Work In Restricted Working Space, Add	*33.14*	
		For Elevated Installation >10' To 15', Add	*11.05*	
		For Elevated Installation >15' To 20', Add	*22.10*	
		For Elevated Installation >20' To 25', Add	*27.62*	
		For Elevated Installation >25' To 30', Add	*38.67*	
		For Elevated Installation >30' To 35', Add	*44.19*	
		For Elevated Installation >35' To 40', Add	*55.24*	
		For Elevated Installation >40', Add	*60.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.14*	

26 05 33 13-0237 Rigid Galvanized Steel (RGS) Nipples *(26 05 33 13-0059)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0238	EA	1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	16.17	7.18
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.87*	
		For Elevated Installation >20' To 25', Add	*3.59*	
		For Elevated Installation >25' To 30', Add	*5.03*	
		For Elevated Installation >30' To 35', Add	*5.75*	
		For Elevated Installation >35' To 40', Add	*7.19*	
		For Elevated Installation >40', Add	*7.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-0239	EA	3/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	18.59	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0240	EA	1" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	23.81	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-0241	EA	1-1/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	27.90	12.15
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-0242	EA	1-1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	31.87	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.52*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.81*	
		For Elevated Installation >40', Add	*15.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-0243	EA	1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	16.31	7.18
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.87*	
		For Elevated Installation >20' To 25', Add	*3.59*	
		For Elevated Installation >25' To 30', Add	*5.03*	
		For Elevated Installation >30' To 35', Add	*5.75*	
		For Elevated Installation >35' To 40', Add	*7.19*	
		For Elevated Installation >40', Add	*7.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-0244	EA	3/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	18.82	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0245	EA	1" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	24.06	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0246	EA	1-1/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	28.24	12.15
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-0247	EA	1-1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	32.42	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.52*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.81*	
		For Elevated Installation >40', Add	*15.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-0248	EA	2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	36.74	15.47
		For Work In Restricted Working Space, Add	*9.28*	
		For Elevated Installation >10' To 15', Add	*3.09*	
		For Elevated Installation >15' To 20', Add	*6.19*	
		For Elevated Installation >20' To 25', Add	*7.74*	
		For Elevated Installation >25' To 30', Add	*10.83*	
		For Elevated Installation >30' To 35', Add	*12.38*	
		For Elevated Installation >35' To 40', Add	*15.47*	
		For Elevated Installation >40', Add	*17.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-0249	EA	1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	16.47	7.18
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.87*	
		For Elevated Installation >20' To 25', Add	*3.59*	
		For Elevated Installation >25' To 30', Add	*5.03*	
		For Elevated Installation >30' To 35', Add	*5.75*	
		For Elevated Installation >35' To 40', Add	*7.19*	
		For Elevated Installation >40', Add	*7.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-0250	EA	3/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	19.02	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0251	EA	1" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	24.41	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-0252	EA	1-1/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	28.55	12.15
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-0253	EA	1-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	32.78	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.52*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.81*	
		For Elevated Installation >40', Add	*15.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0254	EA	2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	37.64	15.47
		For Work In Restricted Working Space, Add	*9.28*	
		For Elevated Installation >10' To 15', Add	*3.09*	
		For Elevated Installation >15' To 20', Add	*6.19*	
		For Elevated Installation >20' To 25', Add	*7.74*	
		For Elevated Installation >25' To 30', Add	*10.83*	
		For Elevated Installation >30' To 35', Add	*12.38*	
		For Elevated Installation >35' To 40', Add	*15.47*	
		For Elevated Installation >40', Add	*17.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-0255	EA	2-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	51.41	18.79
		For Work In Restricted Working Space, Add	*11.27*	
		For Elevated Installation >10' To 15', Add	*3.76*	
		For Elevated Installation >15' To 20', Add	*7.51*	
		For Elevated Installation >20' To 25', Add	*9.39*	
		For Elevated Installation >25' To 30', Add	*13.15*	
		For Elevated Installation >30' To 35', Add	*15.03*	
		For Elevated Installation >35' To 40', Add	*18.79*	
		For Elevated Installation >40', Add	*20.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	
26 05 33 13-0256	EA	3" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	68.95	25.97
		For Work In Restricted Working Space, Add	*15.58*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.39*	
		For Elevated Installation >20' To 25', Add	*12.98*	
		For Elevated Installation >25' To 30', Add	*18.18*	
		For Elevated Installation >30' To 35', Add	*20.77*	
		For Elevated Installation >35' To 40', Add	*25.97*	
		For Elevated Installation >40', Add	*28.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-0257	EA	1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	16.67	7.18
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.87*	
		For Elevated Installation >20' To 25', Add	*3.59*	
		For Elevated Installation >25' To 30', Add	*5.03*	
		For Elevated Installation >30' To 35', Add	*5.75*	
		For Elevated Installation >35' To 40', Add	*7.19*	
		For Elevated Installation >40', Add	*7.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-0258	EA	3/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	19.12	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0259	EA	1" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	24.87	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-0260	EA	1-1/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	29.13	12.15
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-0261	EA	1-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	33.56	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.52*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.81*	
		For Elevated Installation >40', Add	*15.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0262	EA	2" x 3-1/2" Long, Rigid Galvanized Steel (RGS), Nipple	38.57	15.47
		For Work In Restricted Working Space, Add	*9.28*	
		For Elevated Installation >10' To 15', Add	*3.09*	
		For Elevated Installation >15' To 20', Add	*6.19*	
		For Elevated Installation >20' To 25', Add	*7.74*	
		For Elevated Installation >25' To 30', Add	*10.83*	
		For Elevated Installation >30' To 35', Add	*12.38*	
		For Elevated Installation >35' To 40', Add	*15.47*	
		For Elevated Installation >40', Add	*17.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-0263	EA	2-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	53.93	18.79
		For Work In Restricted Working Space, Add	*11.27*	
		For Elevated Installation >10' To 15', Add	*3.76*	
		For Elevated Installation >15' To 20', Add	*7.51*	
		For Elevated Installation >20' To 25', Add	*9.39*	
		For Elevated Installation >25' To 30', Add	*13.15*	
		For Elevated Installation >30' To 35', Add	*15.03*	
		For Elevated Installation >35' To 40', Add	*18.79*	
		For Elevated Installation >40', Add	*20.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	
26 05 33 13-0264	EA	3" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	71.13	25.97
		For Work In Restricted Working Space, Add	*15.58*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.39*	
		For Elevated Installation >20' To 25', Add	*12.98*	
		For Elevated Installation >25' To 30', Add	*18.18*	
		For Elevated Installation >30' To 35', Add	*20.77*	
		For Elevated Installation >35' To 40', Add	*25.97*	
		For Elevated Installation >40', Add	*28.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-0265	EA	1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	16.86	7.18
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.87*	
		For Elevated Installation >20' To 25', Add	*3.59*	
		For Elevated Installation >25' To 30', Add	*5.03*	
		For Elevated Installation >30' To 35', Add	*5.75*	
		For Elevated Installation >35' To 40', Add	*7.19*	
		For Elevated Installation >40', Add	*7.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-0266	EA	3/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	19.47	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0267	EA	1" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	25.15	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-0268	EA	1-1/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	29.41	12.15
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-0269	EA	1-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	34.08	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.52*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.81*	
		For Elevated Installation >40', Add	*15.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0270	EA	2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	39.37	15.47
		For Work In Restricted Working Space, Add	*9.28*	
		For Elevated Installation >10' To 15', Add	*3.09*	
		For Elevated Installation >15' To 20', Add	*6.19*	
		For Elevated Installation >20' To 25', Add	*7.74*	
		For Elevated Installation >25' To 30', Add	*10.83*	
		For Elevated Installation >30' To 35', Add	*12.38*	
		For Elevated Installation >35' To 40', Add	*15.47*	
		For Elevated Installation >40', Add	*17.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-0271	EA	2-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	54.71	18.79
		For Work In Restricted Working Space, Add	*11.27*	
		For Elevated Installation >10' To 15', Add	*3.76*	
		For Elevated Installation >15' To 20', Add	*7.51*	
		For Elevated Installation >20' To 25', Add	*9.39*	
		For Elevated Installation >25' To 30', Add	*13.15*	
		For Elevated Installation >30' To 35', Add	*15.03*	
		For Elevated Installation >35' To 40', Add	*18.79*	
		For Elevated Installation >40', Add	*20.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	
26 05 33 13-0272	EA	3" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	72.74	25.97
		For Work In Restricted Working Space, Add	*15.58*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.39*	
		For Elevated Installation >20' To 25', Add	*12.98*	
		For Elevated Installation >25' To 30', Add	*18.18*	
		For Elevated Installation >30' To 35', Add	*20.77*	
		For Elevated Installation >35' To 40', Add	*25.97*	
		For Elevated Installation >40', Add	*28.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-0273	EA	3-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	83.89	29.28
		For Work In Restricted Working Space, Add	*17.57*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.71*	
		For Elevated Installation >20' To 25', Add	*14.64*	
		For Elevated Installation >25' To 30', Add	*20.50*	
		For Elevated Installation >30' To 35', Add	*23.42*	
		For Elevated Installation >35' To 40', Add	*29.28*	
		For Elevated Installation >40', Add	*32.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.57*	
26 05 33 13-0274	EA	4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	104.68	38.13
		For Work In Restricted Working Space, Add	*22.87*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.25*	
		For Elevated Installation >20' To 25', Add	*19.06*	
		For Elevated Installation >25' To 30', Add	*26.68*	
		For Elevated Installation >30' To 35', Add	*30.50*	
		For Elevated Installation >35' To 40', Add	*38.12*	
		For Elevated Installation >40', Add	*41.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.87*	
26 05 33 13-0275	EA	1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	17.16	7.18
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.87*	
		For Elevated Installation >20' To 25', Add	*3.59*	
		For Elevated Installation >25' To 30', Add	*5.03*	
		For Elevated Installation >30' To 35', Add	*5.75*	
		For Elevated Installation >35' To 40', Add	*7.19*	
		For Elevated Installation >40', Add	*7.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-0276	EA	3/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	19.91	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0277	EA	1" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	25.70	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0278	EA	1-1/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	30.22	12.15
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-0279	EA	1-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	34.87	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.52*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.81*	
		For Elevated Installation >40', Add	*15.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-0280	EA	2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	40.77	15.47
		For Work In Restricted Working Space, Add	*9.28*	
		For Elevated Installation >10' To 15', Add	*3.09*	
		For Elevated Installation >15' To 20', Add	*6.19*	
		For Elevated Installation >20' To 25', Add	*7.74*	
		For Elevated Installation >25' To 30', Add	*10.83*	
		For Elevated Installation >30' To 35', Add	*12.38*	
		For Elevated Installation >35' To 40', Add	*15.47*	
		For Elevated Installation >40', Add	*17.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-0281	EA	2-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	57.82	18.79
		For Work In Restricted Working Space, Add	*11.27*	
		For Elevated Installation >10' To 15', Add	*3.76*	
		For Elevated Installation >15' To 20', Add	*7.51*	
		For Elevated Installation >20' To 25', Add	*9.39*	
		For Elevated Installation >25' To 30', Add	*13.15*	
		For Elevated Installation >30' To 35', Add	*15.03*	
		For Elevated Installation >35' To 40', Add	*18.79*	
		For Elevated Installation >40', Add	*20.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	
26 05 33 13-0282	EA	3" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	76.12	25.97
		For Work In Restricted Working Space, Add	*15.58*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.39*	
		For Elevated Installation >20' To 25', Add	*12.98*	
		For Elevated Installation >25' To 30', Add	*18.18*	
		For Elevated Installation >30' To 35', Add	*20.77*	
		For Elevated Installation >35' To 40', Add	*25.97*	
		For Elevated Installation >40', Add	*28.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-0283	EA	3-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	87.25	29.28
		For Work In Restricted Working Space, Add	*17.57*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.71*	
		For Elevated Installation >20' To 25', Add	*14.64*	
		For Elevated Installation >25' To 30', Add	*20.50*	
		For Elevated Installation >30' To 35', Add	*23.42*	
		For Elevated Installation >35' To 40', Add	*29.28*	
		For Elevated Installation >40', Add	*32.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.57*	
26 05 33 13-0284	EA	4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	109.59	38.13
		For Work In Restricted Working Space, Add	*22.87*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.25*	
		For Elevated Installation >20' To 25', Add	*19.06*	
		For Elevated Installation >25' To 30', Add	*26.68*	
		For Elevated Installation >30' To 35', Add	*30.50*	
		For Elevated Installation >35' To 40', Add	*38.12*	
		For Elevated Installation >40', Add	*41.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.87*	
26 05 33 13-0285	EA	5" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	169.70	52.49
		For Work In Restricted Working Space, Add	*31.49*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*20.99*	
		For Elevated Installation >20' To 25', Add	*26.24*	
		For Elevated Installation >25' To 30', Add	*36.74*	
		For Elevated Installation >30' To 35', Add	*41.99*	
		For Elevated Installation >35' To 40', Add	*52.49*	
		For Elevated Installation >40', Add	*57.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0286	EA	6" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	215.35	67.30
		For Work In Restricted Working Space, Add	*40.40*	
		For Elevated Installation >10' To 15', Add	*13.47*	
		For Elevated Installation >15' To 20', Add	*26.94*	
		For Elevated Installation >20' To 25', Add	*33.67*	
		For Elevated Installation >25' To 30', Add	*47.14*	
		For Elevated Installation >30' To 35', Add	*53.87*	
		For Elevated Installation >35' To 40', Add	*67.34*	
		For Elevated Installation >40', Add	*74.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.40*	
26 05 33 13-0287	EA	1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	17.70	7.18
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.87*	
		For Elevated Installation >20' To 25', Add	*3.59*	
		For Elevated Installation >25' To 30', Add	*5.03*	
		For Elevated Installation >30' To 35', Add	*5.75*	
		For Elevated Installation >35' To 40', Add	*7.19*	
		For Elevated Installation >40', Add	*7.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-0288	EA	3/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	20.46	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0289	EA	1" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	26.14	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-0290	EA	1-1/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	30.96	12.15
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-0291	EA	1-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	36.53	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.52*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.81*	
		For Elevated Installation >40', Add	*15.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-0292	EA	2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	42.18	15.47
		For Work In Restricted Working Space, Add	*9.28*	
		For Elevated Installation >10' To 15', Add	*3.09*	
		For Elevated Installation >15' To 20', Add	*6.19*	
		For Elevated Installation >20' To 25', Add	*7.74*	
		For Elevated Installation >25' To 30', Add	*10.83*	
		For Elevated Installation >30' To 35', Add	*12.38*	
		For Elevated Installation >35' To 40', Add	*15.47*	
		For Elevated Installation >40', Add	*17.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-0293	EA	2-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	60.56	18.79
		For Work In Restricted Working Space, Add	*11.27*	
		For Elevated Installation >10' To 15', Add	*3.76*	
		For Elevated Installation >15' To 20', Add	*7.51*	
		For Elevated Installation >20' To 25', Add	*9.39*	
		For Elevated Installation >25' To 30', Add	*13.15*	
		For Elevated Installation >30' To 35', Add	*15.03*	
		For Elevated Installation >35' To 40', Add	*18.79*	
		For Elevated Installation >40', Add	*20.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0294	EA	3" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	79.56	25.97
		For Work In Restricted Working Space, Add	*15.58*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.39*	
		For Elevated Installation >20' To 25', Add	*12.98*	
		For Elevated Installation >25' To 30', Add	*18.18*	
		For Elevated Installation >30' To 35', Add	*20.77*	
		For Elevated Installation >35' To 40', Add	*25.97*	
		For Elevated Installation >40', Add	*28.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-0295	EA	3-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	91.35	29.28
		For Work In Restricted Working Space, Add	*17.57*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.71*	
		For Elevated Installation >20' To 25', Add	*14.64*	
		For Elevated Installation >25' To 30', Add	*20.50*	
		For Elevated Installation >30' To 35', Add	*23.42*	
		For Elevated Installation >35' To 40', Add	*29.28*	
		For Elevated Installation >40', Add	*32.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.57*	
26 05 33 13-0296	EA	4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	113.48	38.13
		For Work In Restricted Working Space, Add	*22.87*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.25*	
		For Elevated Installation >20' To 25', Add	*19.06*	
		For Elevated Installation >25' To 30', Add	*26.68*	
		For Elevated Installation >30' To 35', Add	*30.50*	
		For Elevated Installation >35' To 40', Add	*38.12*	
		For Elevated Installation >40', Add	*41.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.87*	
26 05 33 13-0297	EA	5" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	175.41	52.49
		For Work In Restricted Working Space, Add	*31.49*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*20.99*	
		For Elevated Installation >20' To 25', Add	*26.24*	
		For Elevated Installation >25' To 30', Add	*36.74*	
		For Elevated Installation >30' To 35', Add	*41.99*	
		For Elevated Installation >35' To 40', Add	*52.49*	
		For Elevated Installation >40', Add	*57.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.49*	
26 05 33 13-0298	EA	6" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	223.70	67.30
		For Work In Restricted Working Space, Add	*40.40*	
		For Elevated Installation >10' To 15', Add	*13.47*	
		For Elevated Installation >15' To 20', Add	*26.94*	
		For Elevated Installation >20' To 25', Add	*33.67*	
		For Elevated Installation >25' To 30', Add	*47.14*	
		For Elevated Installation >30' To 35', Add	*53.87*	
		For Elevated Installation >35' To 40', Add	*67.34*	
		For Elevated Installation >40', Add	*74.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.40*	
26 05 33 13-0299	EA	1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	19.67	7.18
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.87*	
		For Elevated Installation >20' To 25', Add	*3.59*	
		For Elevated Installation >25' To 30', Add	*5.03*	
		For Elevated Installation >30' To 35', Add	*5.75*	
		For Elevated Installation >35' To 40', Add	*7.19*	
		For Elevated Installation >40', Add	*7.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-0300	EA	3/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	22.99	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0301	EA	1" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	29.11	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0302	EA	1-1/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	35.19	12.15
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-0303	EA	1-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	41.25	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.52*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.81*	
		For Elevated Installation >40', Add	*15.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-0304	EA	2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	47.16	15.47
		For Work In Restricted Working Space, Add	*9.28*	
		For Elevated Installation >10' To 15', Add	*3.09*	
		For Elevated Installation >15' To 20', Add	*6.19*	
		For Elevated Installation >20' To 25', Add	*7.74*	
		For Elevated Installation >25' To 30', Add	*10.83*	
		For Elevated Installation >30' To 35', Add	*12.38*	
		For Elevated Installation >35' To 40', Add	*15.47*	
		For Elevated Installation >40', Add	*17.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-0305	EA	2-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	67.80	18.79
		For Work In Restricted Working Space, Add	*11.27*	
		For Elevated Installation >10' To 15', Add	*3.76*	
		For Elevated Installation >15' To 20', Add	*7.51*	
		For Elevated Installation >20' To 25', Add	*9.39*	
		For Elevated Installation >25' To 30', Add	*13.15*	
		For Elevated Installation >30' To 35', Add	*15.03*	
		For Elevated Installation >35' To 40', Add	*18.79*	
		For Elevated Installation >40', Add	*20.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	
26 05 33 13-0306	EA	3" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	87.88	25.97
		For Work In Restricted Working Space, Add	*15.58*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.39*	
		For Elevated Installation >20' To 25', Add	*12.98*	
		For Elevated Installation >25' To 30', Add	*18.18*	
		For Elevated Installation >30' To 35', Add	*20.77*	
		For Elevated Installation >35' To 40', Add	*25.97*	
		For Elevated Installation >40', Add	*28.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-0307	EA	3-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	99.65	29.28
		For Work In Restricted Working Space, Add	*17.57*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.71*	
		For Elevated Installation >20' To 25', Add	*14.64*	
		For Elevated Installation >25' To 30', Add	*20.50*	
		For Elevated Installation >30' To 35', Add	*23.42*	
		For Elevated Installation >35' To 40', Add	*29.28*	
		For Elevated Installation >40', Add	*32.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.57*	
26 05 33 13-0308	EA	4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	122.65	38.13
		For Work In Restricted Working Space, Add	*22.87*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.25*	
		For Elevated Installation >20' To 25', Add	*19.06*	
		For Elevated Installation >25' To 30', Add	*26.68*	
		For Elevated Installation >30' To 35', Add	*30.50*	
		For Elevated Installation >35' To 40', Add	*38.12*	
		For Elevated Installation >40', Add	*41.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.87*	
26 05 33 13-0309	EA	5" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	188.63	52.49
		For Work In Restricted Working Space, Add	*31.49*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*20.99*	
		For Elevated Installation >20' To 25', Add	*26.24*	
		For Elevated Installation >25' To 30', Add	*36.74*	
		For Elevated Installation >30' To 35', Add	*41.99*	
		For Elevated Installation >35' To 40', Add	*52.49*	
		For Elevated Installation >40', Add	*57.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0310	EA	6" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	238.55	67.30
		For Work In Restricted Working Space, Add	*40.40*	
		For Elevated Installation >10' To 15', Add	*13.47*	
		For Elevated Installation >15' To 20', Add	*26.94*	
		For Elevated Installation >20' To 25', Add	*33.67*	
		For Elevated Installation >25' To 30', Add	*47.14*	
		For Elevated Installation >30' To 35', Add	*53.87*	
		For Elevated Installation >35' To 40', Add	*67.34*	
		For Elevated Installation >40', Add	*74.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.40*	
26 05 33 13-0311	EA	1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	21.01	7.18
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.87*	
		For Elevated Installation >20' To 25', Add	*3.59*	
		For Elevated Installation >25' To 30', Add	*5.03*	
		For Elevated Installation >30' To 35', Add	*5.75*	
		For Elevated Installation >35' To 40', Add	*7.19*	
		For Elevated Installation >40', Add	*7.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-0312	EA	3/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	24.28	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0313	EA	1" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	31.48	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-0314	EA	1-1/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	38.00	12.15
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-0315	EA	1-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	44.01	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.52*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.81*	
		For Elevated Installation >40', Add	*15.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-0316	EA	2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	50.37	15.47
		For Work In Restricted Working Space, Add	*9.28*	
		For Elevated Installation >10' To 15', Add	*3.09*	
		For Elevated Installation >15' To 20', Add	*6.19*	
		For Elevated Installation >20' To 25', Add	*7.74*	
		For Elevated Installation >25' To 30', Add	*10.83*	
		For Elevated Installation >30' To 35', Add	*12.38*	
		For Elevated Installation >35' To 40', Add	*15.47*	
		For Elevated Installation >40', Add	*17.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-0317	EA	2-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	72.67	18.79
		For Work In Restricted Working Space, Add	*11.27*	
		For Elevated Installation >10' To 15', Add	*3.76*	
		For Elevated Installation >15' To 20', Add	*7.51*	
		For Elevated Installation >20' To 25', Add	*9.39*	
		For Elevated Installation >25' To 30', Add	*13.15*	
		For Elevated Installation >30' To 35', Add	*15.03*	
		For Elevated Installation >35' To 40', Add	*18.79*	
		For Elevated Installation >40', Add	*20.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0318	EA	3" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	94.42	25.97
		For Work In Restricted Working Space, Add	*15.58*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.39*	
		For Elevated Installation >20' To 25', Add	*12.98*	
		For Elevated Installation >25' To 30', Add	*18.18*	
		For Elevated Installation >30' To 35', Add	*20.77*	
		For Elevated Installation >35' To 40', Add	*25.97*	
		For Elevated Installation >40', Add	*28.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-0319	EA	3-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	108.26	29.28
		For Work In Restricted Working Space, Add	*17.57*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.71*	
		For Elevated Installation >20' To 25', Add	*14.64*	
		For Elevated Installation >25' To 30', Add	*20.50*	
		For Elevated Installation >30' To 35', Add	*23.42*	
		For Elevated Installation >35' To 40', Add	*29.28*	
		For Elevated Installation >40', Add	*32.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.57*	
26 05 33 13-0320	EA	4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	133.57	38.13
		For Work In Restricted Working Space, Add	*22.87*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.25*	
		For Elevated Installation >20' To 25', Add	*19.06*	
		For Elevated Installation >25' To 30', Add	*26.68*	
		For Elevated Installation >30' To 35', Add	*30.50*	
		For Elevated Installation >35' To 40', Add	*38.12*	
		For Elevated Installation >40', Add	*41.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.87*	
26 05 33 13-0321	EA	5" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	203.05	52.49
		For Work In Restricted Working Space, Add	*31.49*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*20.99*	
		For Elevated Installation >20' To 25', Add	*26.24*	
		For Elevated Installation >25' To 30', Add	*36.74*	
		For Elevated Installation >30' To 35', Add	*41.99*	
		For Elevated Installation >35' To 40', Add	*52.49*	
		For Elevated Installation >40', Add	*57.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.49*	
26 05 33 13-0322	EA	6" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	264.50	67.30
		For Work In Restricted Working Space, Add	*40.40*	
		For Elevated Installation >10' To 15', Add	*13.47*	
		For Elevated Installation >15' To 20', Add	*26.94*	
		For Elevated Installation >20' To 25', Add	*33.67*	
		For Elevated Installation >25' To 30', Add	*47.14*	
		For Elevated Installation >30' To 35', Add	*53.87*	
		For Elevated Installation >35' To 40', Add	*67.34*	
		For Elevated Installation >40', Add	*74.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.40*	
26 05 33 13-0323	EA	1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	22.02	7.18
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.87*	
		For Elevated Installation >20' To 25', Add	*3.59*	
		For Elevated Installation >25' To 30', Add	*5.03*	
		For Elevated Installation >30' To 35', Add	*5.75*	
		For Elevated Installation >35' To 40', Add	*7.19*	
		For Elevated Installation >40', Add	*7.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-0324	EA	3/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	25.23	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0325	EA	1" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	32.90	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0326	EA	1-1/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	40.25	12.15
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-0327	EA	1-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	45.40	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.52*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.81*	
		For Elevated Installation >40', Add	*15.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-0328	EA	2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	53.06	15.47
		For Work In Restricted Working Space, Add	*9.28*	
		For Elevated Installation >10' To 15', Add	*3.09*	
		For Elevated Installation >15' To 20', Add	*6.19*	
		For Elevated Installation >20' To 25', Add	*7.74*	
		For Elevated Installation >25' To 30', Add	*10.83*	
		For Elevated Installation >30' To 35', Add	*12.38*	
		For Elevated Installation >35' To 40', Add	*15.47*	
		For Elevated Installation >40', Add	*17.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-0329	EA	2-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	78.40	18.79
		For Work In Restricted Working Space, Add	*11.27*	
		For Elevated Installation >10' To 15', Add	*3.76*	
		For Elevated Installation >15' To 20', Add	*7.51*	
		For Elevated Installation >20' To 25', Add	*9.39*	
		For Elevated Installation >25' To 30', Add	*13.15*	
		For Elevated Installation >30' To 35', Add	*15.03*	
		For Elevated Installation >35' To 40', Add	*18.79*	
		For Elevated Installation >40', Add	*20.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	
26 05 33 13-0330	EA	3" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	103.52	25.97
		For Work In Restricted Working Space, Add	*15.58*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.39*	
		For Elevated Installation >20' To 25', Add	*12.98*	
		For Elevated Installation >25' To 30', Add	*18.18*	
		For Elevated Installation >30' To 35', Add	*20.77*	
		For Elevated Installation >35' To 40', Add	*25.97*	
		For Elevated Installation >40', Add	*28.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-0331	EA	3-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	116.65	29.28
		For Work In Restricted Working Space, Add	*17.57*	
		For Elevated Installation >10' To 15', Add	*5.86*	
		For Elevated Installation >15' To 20', Add	*11.71*	
		For Elevated Installation >20' To 25', Add	*14.64*	
		For Elevated Installation >25' To 30', Add	*20.50*	
		For Elevated Installation >30' To 35', Add	*23.42*	
		For Elevated Installation >35' To 40', Add	*29.28*	
		For Elevated Installation >40', Add	*32.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.57*	
26 05 33 13-0332	EA	4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	144.49	38.13
		For Work In Restricted Working Space, Add	*22.87*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.25*	
		For Elevated Installation >20' To 25', Add	*19.06*	
		For Elevated Installation >25' To 30', Add	*26.68*	
		For Elevated Installation >30' To 35', Add	*30.50*	
		For Elevated Installation >35' To 40', Add	*38.12*	
		For Elevated Installation >40', Add	*41.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.87*	
26 05 33 13-0333	EA	5" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	223.78	52.49
		For Work In Restricted Working Space, Add	*31.49*	
		For Elevated Installation >10' To 15', Add	*10.50*	
		For Elevated Installation >15' To 20', Add	*20.99*	
		For Elevated Installation >20' To 25', Add	*26.24*	
		For Elevated Installation >25' To 30', Add	*36.74*	
		For Elevated Installation >30' To 35', Add	*41.99*	
		For Elevated Installation >35' To 40', Add	*52.49*	
		For Elevated Installation >40', Add	*57.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0334	EA	6" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	278.92	67.30
		For Work In Restricted Working Space, Add	*40.40*	
		For Elevated Installation >10' To 15', Add	*13.47*	
		For Elevated Installation >15' To 20', Add	*26.94*	
		For Elevated Installation >20' To 25', Add	*33.67*	
		For Elevated Installation >25' To 30', Add	*47.14*	
		For Elevated Installation >30' To 35', Add	*53.87*	
		For Elevated Installation >35' To 40', Add	*67.34*	
		For Elevated Installation >40', Add	*74.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.40*	

26 05 33 13-0335 Rigid Galvanized Steel (RGS) Off-Set Nipples *(26 05 33 13-0059)*

26 05 33 13-0336	EA	1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple	17.25	5.74
		For Work In Restricted Working Space, Add	*4.34*	
		For Elevated Installation >10' To 15', Add	*1.45*	
		For Elevated Installation >15' To 20', Add	*2.90*	
		For Elevated Installation >20' To 25', Add	*3.62*	
		For Elevated Installation >25' To 30', Add	*5.07*	
		For Elevated Installation >30' To 35', Add	*5.79*	
		For Elevated Installation >35' To 40', Add	*7.24*	
		For Elevated Installation >40', Add	*7.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.34*	
26 05 33 13-0337	EA	3/4" Rigid Galvanized Steel (RGS) Off-Set Nipple	20.71	6.63
		For Work In Restricted Working Space, Add	*4.94*	
		For Elevated Installation >10' To 15', Add	*1.65*	
		For Elevated Installation >15' To 20', Add	*3.30*	
		For Elevated Installation >20' To 25', Add	*4.12*	
		For Elevated Installation >25' To 30', Add	*5.77*	
		For Elevated Installation >30' To 35', Add	*6.59*	
		For Elevated Installation >35' To 40', Add	*8.24*	
		For Elevated Installation >40', Add	*9.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.94*	
26 05 33 13-0338	EA	1" Rigid Galvanized Steel (RGS) Off-Set Nipple	25.92	8.40
		For Work In Restricted Working Space, Add	*6.32*	
		For Elevated Installation >10' To 15', Add	*2.11*	
		For Elevated Installation >15' To 20', Add	*4.22*	
		For Elevated Installation >20' To 25', Add	*5.27*	
		For Elevated Installation >25' To 30', Add	*7.38*	
		For Elevated Installation >30' To 35', Add	*8.43*	
		For Elevated Installation >35' To 40', Add	*10.54*	
		For Elevated Installation >40', Add	*11.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 05 33 13-0339	EA	1-1/4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	33.07	10.06
		For Work In Restricted Working Space, Add	*7.58*	
		For Elevated Installation >10' To 15', Add	*2.53*	
		For Elevated Installation >15' To 20', Add	*5.05*	
		For Elevated Installation >20' To 25', Add	*6.32*	
		For Elevated Installation >25' To 30', Add	*8.84*	
		For Elevated Installation >30' To 35', Add	*10.10*	
		For Elevated Installation >35' To 40', Add	*12.63*	
		For Elevated Installation >40', Add	*13.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 05 33 13-0340	EA	1-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	36.22	11.05
		For Work In Restricted Working Space, Add	*8.30*	
		For Elevated Installation >10' To 15', Add	*2.77*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.68*	
		For Elevated Installation >30' To 35', Add	*11.06*	
		For Elevated Installation >35' To 40', Add	*13.83*	
		For Elevated Installation >40', Add	*15.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.30*	
26 05 33 13-0341	EA	2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	47.67	13.59
		For Work In Restricted Working Space, Add	*10.22*	
		For Elevated Installation >10' To 15', Add	*3.41*	
		For Elevated Installation >15' To 20', Add	*6.81*	
		For Elevated Installation >20' To 25', Add	*8.52*	
		For Elevated Installation >25' To 30', Add	*11.92*	
		For Elevated Installation >30' To 35', Add	*13.62*	
		For Elevated Installation >35' To 40', Add	*17.03*	
		For Elevated Installation >40', Add	*18.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.22*	
26 05 33 13-0342	EA	2-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	77.93	22.10
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0343	EA	3" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	127.75	30.50
		For Work In Restricted Working Space, Add	*22.87*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.25*	
		For Elevated Installation >20' To 25', Add	*19.06*	
		For Elevated Installation >25' To 30', Add	*26.68*	
		For Elevated Installation >30' To 35', Add	*30.50*	
		For Elevated Installation >35' To 40', Add	*38.12*	
		For Elevated Installation >40', Add	*41.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.87*	
26 05 33 13-0344	EA	3-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	159.12	36.02
		For Work In Restricted Working Space, Add	*26.87*	
		For Elevated Installation >10' To 15', Add	*8.96*	
		For Elevated Installation >15' To 20', Add	*17.91*	
		For Elevated Installation >20' To 25', Add	*22.39*	
		For Elevated Installation >25' To 30', Add	*31.35*	
		For Elevated Installation >30' To 35', Add	*35.83*	
		For Elevated Installation >35' To 40', Add	*44.79*	
		For Elevated Installation >40', Add	*49.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.87*	
26 05 33 13-0345	EA	4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	191.37	41.55
		For Work In Restricted Working Space, Add	*31.16*	
		For Elevated Installation >10' To 15', Add	*10.39*	
		For Elevated Installation >15' To 20', Add	*20.78*	
		For Elevated Installation >20' To 25', Add	*25.97*	
		For Elevated Installation >25' To 30', Add	*36.36*	
		For Elevated Installation >30' To 35', Add	*41.55*	
		For Elevated Installation >35' To 40', Add	*51.94*	
		For Elevated Installation >40', Add	*57.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.16*	

26 05 33 13-0346 Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling *(26 05 33 13-0059)*

Note: Erickson fittings.

26 05 33 13-0347	EA	1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	46.89	17.68
		For Work In Restricted Working Space, Add	*13.28*	
		For Elevated Installation >10' To 15', Add	*4.43*	
		For Elevated Installation >15' To 20', Add	*8.85*	
		For Elevated Installation >20' To 25', Add	*11.06*	
		For Elevated Installation >25' To 30', Add	*15.49*	
		For Elevated Installation >30' To 35', Add	*17.70*	
		For Elevated Installation >35' To 40', Add	*22.13*	
		For Elevated Installation >40', Add	*24.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.28*	
26 05 33 13-0348	EA	3/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	52.78	19.78
		For Work In Restricted Working Space, Add	*14.82*	
		For Elevated Installation >10' To 15', Add	*4.94*	
		For Elevated Installation >15' To 20', Add	*9.88*	
		For Elevated Installation >20' To 25', Add	*12.35*	
		For Elevated Installation >25' To 30', Add	*17.29*	
		For Elevated Installation >30' To 35', Add	*19.76*	
		For Elevated Installation >35' To 40', Add	*24.70*	
		For Elevated Installation >40', Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.82*	
26 05 33 13-0349	EA	1" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	61.28	21.99
		For Work In Restricted Working Space, Add	*16.51*	
		For Elevated Installation >10' To 15', Add	*5.50*	
		For Elevated Installation >15' To 20', Add	*11.00*	
		For Elevated Installation >20' To 25', Add	*13.76*	
		For Elevated Installation >25' To 30', Add	*19.26*	
		For Elevated Installation >30' To 35', Add	*22.01*	
		For Elevated Installation >35' To 40', Add	*27.51*	
		For Elevated Installation >40', Add	*30.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.51*	
26 05 33 13-0350	EA	1-1/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	73.54	24.09
		For Work In Restricted Working Space, Add	*18.06*	
		For Elevated Installation >10' To 15', Add	*6.02*	
		For Elevated Installation >15' To 20', Add	*12.04*	
		For Elevated Installation >20' To 25', Add	*15.05*	
		For Elevated Installation >25' To 30', Add	*21.07*	
		For Elevated Installation >30' To 35', Add	*24.08*	
		For Elevated Installation >35' To 40', Add	*30.10*	
		For Elevated Installation >40', Add	*33.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.06*	
26 05 33 13-0351	EA	1-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	81.86	26.30
		For Work In Restricted Working Space, Add	*19.76*	
		For Elevated Installation >10' To 15', Add	*6.59*	
		For Elevated Installation >15' To 20', Add	*13.17*	
		For Elevated Installation >20' To 25', Add	*16.47*	
		For Elevated Installation >25' To 30', Add	*23.05*	
		For Elevated Installation >30' To 35', Add	*26.35*	
		For Elevated Installation >35' To 40', Add	*32.94*	
		For Elevated Installation >40', Add	*36.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0352	EA	2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	103.35	28.51
		For Work In Restricted Working Space, Add	*21.40*	
		For Elevated Installation >10' To 15', Add	*7.13*	
		For Elevated Installation >15' To 20', Add	*14.27*	
		For Elevated Installation >20' To 25', Add	*17.83*	
		For Elevated Installation >25' To 30', Add	*24.97*	
		For Elevated Installation >30' To 35', Add	*28.53*	
		For Elevated Installation >35' To 40', Add	*35.67*	
		For Elevated Installation >40', Add	*39.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.40*	
26 05 33 13-0353	EA	2-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	162.58	35.36
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.52*	
26 05 33 13-0354	EA	3" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	223.09	44.20
		For Work In Restricted Working Space, Add	*33.15*	
		For Elevated Installation >10' To 15', Add	*11.05*	
		For Elevated Installation >15' To 20', Add	*22.10*	
		For Elevated Installation >20' To 25', Add	*27.63*	
		For Elevated Installation >25' To 30', Add	*38.68*	
		For Elevated Installation >30' To 35', Add	*44.20*	
		For Elevated Installation >35' To 40', Add	*55.25*	
		For Elevated Installation >40', Add	*60.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.15*	
26 05 33 13-0355	EA	3-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	320.18	53.05
		For Work In Restricted Working Space, Add	*39.80*	
		For Elevated Installation >10' To 15', Add	*13.27*	
		For Elevated Installation >15' To 20', Add	*26.53*	
		For Elevated Installation >20' To 25', Add	*33.16*	
		For Elevated Installation >25' To 30', Add	*46.43*	
		For Elevated Installation >30' To 35', Add	*53.06*	
		For Elevated Installation >35' To 40', Add	*66.33*	
		For Elevated Installation >40', Add	*72.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.80*	
26 05 33 13-0356	EA	4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	364.18	57.47
		For Work In Restricted Working Space, Add	*43.09*	
		For Elevated Installation >10' To 15', Add	*14.36*	
		For Elevated Installation >15' To 20', Add	*28.73*	
		For Elevated Installation >20' To 25', Add	*35.91*	
		For Elevated Installation >25' To 30', Add	*50.27*	
		For Elevated Installation >30' To 35', Add	*57.46*	
		For Elevated Installation >35' To 40', Add	*71.82*	
		For Elevated Installation >40', Add	*79.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.09*	
26 05 33 13-0357	EA	5" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	629.41	70.72
		For Work In Restricted Working Space, Add	*53.04*	
		For Elevated Installation >10' To 15', Add	*17.68*	
		For Elevated Installation >15' To 20', Add	*35.36*	
		For Elevated Installation >20' To 25', Add	*44.20*	
		For Elevated Installation >25' To 30', Add	*61.88*	
		For Elevated Installation >30' To 35', Add	*70.72*	
		For Elevated Installation >35' To 40', Add	*88.40*	
		For Elevated Installation >40', Add	*97.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.04*	
26 05 33 13-0358	EA	6" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	807.71	81.77
		For Work In Restricted Working Space, Add	*61.32*	
		For Elevated Installation >10' To 15', Add	*20.44*	
		For Elevated Installation >15' To 20', Add	*40.88*	
		For Elevated Installation >20' To 25', Add	*51.10*	
		For Elevated Installation >25' To 30', Add	*71.54*	
		For Elevated Installation >30' To 35', Add	*81.76*	
		For Elevated Installation >35' To 40', Add	*102.21*	
		For Elevated Installation >40', Add	*112.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.32*	

26 05 33 13-0359 Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0059)*

26 05 33 13-0360	EA	1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	29.53	8.84
		For Work In Restricted Working Space, Add	*6.63*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.42*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.74*	
		For Elevated Installation >30' To 35', Add	*8.84*	
		For Elevated Installation >35' To 40', Add	*11.05*	
		For Elevated Installation >40', Add	*12.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0361	EA	3/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	33.10	9.72
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	
26 05 33 13-0362	EA	1" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	38.09	11.05
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
26 05 33 13-0363	EA	1-1/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	43.65	11.93
		For Work In Restricted Working Space, Add	*8.95*	
		For Elevated Installation >10' To 15', Add	*2.98*	
		For Elevated Installation >15' To 20', Add	*5.97*	
		For Elevated Installation >20' To 25', Add	*7.46*	
		For Elevated Installation >25' To 30', Add	*10.44*	
		For Elevated Installation >30' To 35', Add	*11.94*	
		For Elevated Installation >35' To 40', Add	*14.92*	
		For Elevated Installation >40', Add	*16.41*	
26 05 33 13-0364	EA	1-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	52.40	13.26
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
26 05 33 13-0365	EA	2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	64.93	14.59
		For Work In Restricted Working Space, Add	*10.94*	
		For Elevated Installation >10' To 15', Add	*3.65*	
		For Elevated Installation >15' To 20', Add	*7.29*	
		For Elevated Installation >20' To 25', Add	*9.12*	
		For Elevated Installation >25' To 30', Add	*12.76*	
		For Elevated Installation >30' To 35', Add	*14.59*	
		For Elevated Installation >35' To 40', Add	*18.24*	
		For Elevated Installation >40', Add	*20.06*	
26 05 33 13-0366	EA	2-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	89.82	17.68
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.10*	
		For Elevated Installation >40', Add	*24.31*	
26 05 33 13-0367	EA	3" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	110.91	22.10
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
26 05 33 13-0368	EA	3-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	133.26	26.52
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	
26 05 33 13-0369	EA	4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	151.35	28.73
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.37*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.92*	
		For Elevated Installation >40', Add	*39.51*	

26 05 33 13-0370 Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs *(26 05 33 13-0059)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0371	EA	1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	24.55	9.95
		For Work In Restricted Working Space, Add	*5.97*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.98*	
		For Elevated Installation >20' To 25', Add	*4.97*	
		For Elevated Installation >25' To 30', Add	*6.96*	
		For Elevated Installation >30' To 35', Add	*7.96*	
		For Elevated Installation >35' To 40', Add	*9.95*	
		For Elevated Installation >40', Add	*10.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.97*	
26 05 33 13-0372	EA	3/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	27.36	11.05
		For Work In Restricted Working Space, Add	*6.63*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.42*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.74*	
		For Elevated Installation >30' To 35', Add	*8.84*	
		For Elevated Installation >35' To 40', Add	*11.05*	
		For Elevated Installation >40', Add	*12.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.63*	
26 05 33 13-0373	EA	1" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	33.80	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-0374	EA	1-1/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	41.53	16.57
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.95*	
26 05 33 13-0375	EA	1-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	53.41	22.10
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.10*	
		For Elevated Installation >40', Add	*24.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.26*	
26 05 33 13-0376	EA	2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	62.04	24.86
		For Work In Restricted Working Space, Add	*14.92*	
		For Elevated Installation >10' To 15', Add	*4.97*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.43*	
		For Elevated Installation >25' To 30', Add	*17.41*	
		For Elevated Installation >30' To 35', Add	*19.89*	
		For Elevated Installation >35' To 40', Add	*24.87*	
		For Elevated Installation >40', Add	*27.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.92*	
26 05 33 13-0377	EA	2-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	76.15	27.63
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	
26 05 33 13-0378	EA	3" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	102.38	34.81
		For Work In Restricted Working Space, Add	*20.89*	
		For Elevated Installation >10' To 15', Add	*6.96*	
		For Elevated Installation >15' To 20', Add	*13.92*	
		For Elevated Installation >20' To 25', Add	*17.41*	
		For Elevated Installation >25' To 30', Add	*24.37*	
		For Elevated Installation >30' To 35', Add	*27.85*	
		For Elevated Installation >35' To 40', Add	*34.81*	
		For Elevated Installation >40', Add	*38.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0379	EA	3-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	121.59	41.99
		For Work In Restricted Working Space, Add	*25.19*	
		For Elevated Installation >10' To 15', Add	*8.40*	
		For Elevated Installation >15' To 20', Add	*16.80*	
		For Elevated Installation >20' To 25', Add	*21.00*	
		For Elevated Installation >25' To 30', Add	*29.39*	
		For Elevated Installation >30' To 35', Add	*33.59*	
		For Elevated Installation >35' To 40', Add	*41.99*	
		For Elevated Installation >40', Add	*46.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.19*	
26 05 33 13-0380	EA	4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	149.04	49.73
		For Work In Restricted Working Space, Add	*29.84*	
		For Elevated Installation >10' To 15', Add	*9.95*	
		For Elevated Installation >15' To 20', Add	*19.89*	
		For Elevated Installation >20' To 25', Add	*24.86*	
		For Elevated Installation >25' To 30', Add	*34.81*	
		For Elevated Installation >30' To 35', Add	*39.78*	
		For Elevated Installation >35' To 40', Add	*49.73*	
		For Elevated Installation >40', Add	*54.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.84*	

26 05 33 13-0381 Rigid Galvanized Steel (RGS) Expansion Fittings, 4" Conduit Movement *(26 05 33 13-0059)*

Note: Type AX

26 05 33 13-0382	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	102.27	17.68
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.11*	
		For Elevated Installation >40', Add	*24.32*	
26 05 33 13-0383	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	116.01	19.89
		For Work In Restricted Working Space, Add	*14.92*	
		For Elevated Installation >10' To 15', Add	*4.97*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.43*	
		For Elevated Installation >25' To 30', Add	*17.41*	
		For Elevated Installation >30' To 35', Add	*19.89*	
		For Elevated Installation >35' To 40', Add	*24.87*	
		For Elevated Installation >40', Add	*27.35*	
26 05 33 13-0384	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	136.80	22.10
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.82*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
26 05 33 13-0385	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	166.39	24.31
		For Work In Restricted Working Space, Add	*18.23*	
		For Elevated Installation >10' To 15', Add	*6.08*	
		For Elevated Installation >15' To 20', Add	*12.16*	
		For Elevated Installation >20' To 25', Add	*15.20*	
		For Elevated Installation >25' To 30', Add	*21.27*	
		For Elevated Installation >30' To 35', Add	*24.31*	
		For Elevated Installation >35' To 40', Add	*30.39*	
		For Elevated Installation >40', Add	*33.43*	
26 05 33 13-0386	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	207.44	26.52
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	
26 05 33 13-0387	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	283.53	28.73
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0388	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	430.64	35.36
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
26 05 33 13-0389	EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	551.29	44.20
		For Work In Restricted Working Space, Add	*33.15*	
		For Elevated Installation >10' To 15', Add	*11.05*	
		For Elevated Installation >15' To 20', Add	*22.10*	
		For Elevated Installation >20' To 25', Add	*27.63*	
		For Elevated Installation >25' To 30', Add	*38.68*	
		For Elevated Installation >30' To 35', Add	*44.20*	
		For Elevated Installation >35' To 40', Add	*55.25*	
		For Elevated Installation >40', Add	*60.78*	
26 05 33 13-0390	EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	800.13	53.05
		For Work In Restricted Working Space, Add	*39.79*	
		For Elevated Installation >10' To 15', Add	*13.26*	
		For Elevated Installation >15' To 20', Add	*26.52*	
		For Elevated Installation >20' To 25', Add	*33.16*	
		For Elevated Installation >25' To 30', Add	*46.42*	
		For Elevated Installation >30' To 35', Add	*53.05*	
		For Elevated Installation >35' To 40', Add	*66.31*	
		For Elevated Installation >40', Add	*72.94*	
26 05 33 13-0391	EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	853.30	57.47
		For Work In Restricted Working Space, Add	*43.09*	
		For Elevated Installation >10' To 15', Add	*14.36*	
		For Elevated Installation >15' To 20', Add	*28.73*	
		For Elevated Installation >20' To 25', Add	*35.91*	
		For Elevated Installation >25' To 30', Add	*50.27*	
		For Elevated Installation >30' To 35', Add	*57.46*	
		For Elevated Installation >35' To 40', Add	*71.82*	
		For Elevated Installation >40', Add	*79.00*	
26 05 33 13-0392	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,299.95	70.72
		For Work In Restricted Working Space, Add	*53.04*	
		For Elevated Installation >10' To 15', Add	*17.68*	
		For Elevated Installation >15' To 20', Add	*35.36*	
		For Elevated Installation >20' To 25', Add	*44.20*	
		For Elevated Installation >25' To 30', Add	*61.88*	
		For Elevated Installation >30' To 35', Add	*70.72*	
		For Elevated Installation >35' To 40', Add	*88.41*	
		For Elevated Installation >40', Add	*97.25*	
26 05 33 13-0393	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,593.47	78.46
		For Work In Restricted Working Space, Add	*58.88*	
		For Elevated Installation >10' To 15', Add	*19.63*	
		For Elevated Installation >15' To 20', Add	*39.25*	
		For Elevated Installation >20' To 25', Add	*49.07*	
		For Elevated Installation >25' To 30', Add	*68.69*	
		For Elevated Installation >30' To 35', Add	*78.50*	
		For Elevated Installation >35' To 40', Add	*98.13*	
		For Elevated Installation >40', Add	*107.94*	

26 05 33 13-0394 Rigid Galvanized Steel (RGS) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0059)*

Note: Type AX-8

26 05 33 13-0395	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	111.97	17.68
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.11*	
		For Elevated Installation >40', Add	*24.32*	
26 05 33 13-0396	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	124.61	19.89
		For Work In Restricted Working Space, Add	*14.92*	
		For Elevated Installation >10' To 15', Add	*4.97*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.43*	
		For Elevated Installation >25' To 30', Add	*17.41*	
		For Elevated Installation >30' To 35', Add	*19.89*	
		For Elevated Installation >35' To 40', Add	*24.87*	
		For Elevated Installation >40', Add	*27.35*	
26 05 33 13-0397	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	150.29	22.10
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.82*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0398	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	187.64	24.31
		For Work In Restricted Working Space, Add	*18.23*	
		For Elevated Installation >10' To 15', Add	*6.08*	
		For Elevated Installation >15' To 20', Add	*12.16*	
		For Elevated Installation >20' To 25', Add	*15.20*	
		For Elevated Installation >25' To 30', Add	*21.27*	
		For Elevated Installation >30' To 35', Add	*24.31*	
		For Elevated Installation >35' To 40', Add	*30.39*	
		For Elevated Installation >40', Add	*33.43*	
26 05 33 13-0399	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	249.67	26.52
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	
26 05 33 13-0400	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	303.71	28.73
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
26 05 33 13-0401	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	561.45	35.36
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
26 05 33 13-0402	EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	640.62	44.20
		For Work In Restricted Working Space, Add	*33.15*	
		For Elevated Installation >10' To 15', Add	*11.05*	
		For Elevated Installation >15' To 20', Add	*22.10*	
		For Elevated Installation >20' To 25', Add	*27.63*	
		For Elevated Installation >25' To 30', Add	*38.68*	
		For Elevated Installation >30' To 35', Add	*44.20*	
		For Elevated Installation >35' To 40', Add	*55.25*	
		For Elevated Installation >40', Add	*60.78*	
26 05 33 13-0403	EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	976.65	53.05
		For Work In Restricted Working Space, Add	*39.79*	
		For Elevated Installation >10' To 15', Add	*13.26*	
		For Elevated Installation >15' To 20', Add	*26.52*	
		For Elevated Installation >20' To 25', Add	*33.16*	
		For Elevated Installation >25' To 30', Add	*46.42*	
		For Elevated Installation >30' To 35', Add	*53.05*	
		For Elevated Installation >35' To 40', Add	*66.31*	
		For Elevated Installation >40', Add	*72.94*	
26 05 33 13-0404	EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,057.32	57.47
		For Work In Restricted Working Space, Add	*43.09*	
		For Elevated Installation >10' To 15', Add	*14.36*	
		For Elevated Installation >15' To 20', Add	*28.73*	
		For Elevated Installation >20' To 25', Add	*35.91*	
		For Elevated Installation >25' To 30', Add	*50.27*	
		For Elevated Installation >30' To 35', Add	*57.46*	
		For Elevated Installation >35' To 40', Add	*71.82*	
		For Elevated Installation >40', Add	*79.00*	
26 05 33 13-0405	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,471.93	70.72
		For Work In Restricted Working Space, Add	*53.04*	
		For Elevated Installation >10' To 15', Add	*17.68*	
		For Elevated Installation >15' To 20', Add	*35.36*	
		For Elevated Installation >20' To 25', Add	*44.20*	
		For Elevated Installation >25' To 30', Add	*61.88*	
		For Elevated Installation >30' To 35', Add	*70.72*	
		For Elevated Installation >35' To 40', Add	*88.41*	
		For Elevated Installation >40', Add	*97.25*	
26 05 33 13-0406	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,814.73	78.46
		For Work In Restricted Working Space, Add	*58.88*	
		For Elevated Installation >10' To 15', Add	*19.63*	
		For Elevated Installation >15' To 20', Add	*39.25*	
		For Elevated Installation >20' To 25', Add	*49.07*	
		For Elevated Installation >25' To 30', Add	*68.69*	
		For Elevated Installation >30' To 35', Add	*78.50*	
		For Elevated Installation >35' To 40', Add	*98.13*	
		For Elevated Installation >40', Add	*107.94*	

26 05 33 13-0407 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0059)*
Note: Type EX

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0408	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	126.18	17.68
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.11*	
		For Elevated Installation >40', Add	*24.32*	
26 05 33 13-0409	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	158.10	19.89
		For Work In Restricted Working Space, Add	*14.92*	
		For Elevated Installation >10' To 15', Add	*4.97*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.43*	
		For Elevated Installation >25' To 30', Add	*17.41*	
		For Elevated Installation >30' To 35', Add	*19.89*	
		For Elevated Installation >35' To 40', Add	*24.87*	
		For Elevated Installation >40', Add	*27.35*	
26 05 33 13-0410	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	195.54	22.10
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.82*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
26 05 33 13-0411	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	236.64	24.31
		For Work In Restricted Working Space, Add	*18.23*	
		For Elevated Installation >10' To 15', Add	*6.08*	
		For Elevated Installation >15' To 20', Add	*12.16*	
		For Elevated Installation >20' To 25', Add	*15.20*	
		For Elevated Installation >25' To 30', Add	*21.27*	
		For Elevated Installation >30' To 35', Add	*24.31*	
		For Elevated Installation >35' To 40', Add	*30.39*	
		For Elevated Installation >40', Add	*33.43*	
26 05 33 13-0412	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	316.01	26.52
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	
26 05 33 13-0413	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	431.90	28.73
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
26 05 33 13-0414	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	666.99	35.36
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
26 05 33 13-0415	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	897.59	44.20
		For Work In Restricted Working Space, Add	*33.15*	
		For Elevated Installation >10' To 15', Add	*11.05*	
		For Elevated Installation >15' To 20', Add	*22.10*	
		For Elevated Installation >20' To 25', Add	*27.63*	
		For Elevated Installation >25' To 30', Add	*38.68*	
		For Elevated Installation >30' To 35', Add	*44.20*	
		For Elevated Installation >35' To 40', Add	*55.25*	
		For Elevated Installation >40', Add	*60.78*	
26 05 33 13-0416	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,342.14	53.05
		For Work In Restricted Working Space, Add	*39.79*	
		For Elevated Installation >10' To 15', Add	*13.26*	
		For Elevated Installation >15' To 20', Add	*26.52*	
		For Elevated Installation >20' To 25', Add	*33.16*	
		For Elevated Installation >25' To 30', Add	*46.42*	
		For Elevated Installation >30' To 35', Add	*53.05*	
		For Elevated Installation >35' To 40', Add	*66.31*	
		For Elevated Installation >40', Add	*72.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0417	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,390.23	57.47
		For Work In Restricted Working Space, Add	*43.09*	
		For Elevated Installation >10' To 15', Add	*14.36*	
		For Elevated Installation >15' To 20', Add	*28.73*	
		For Elevated Installation >20' To 25', Add	*35.91*	
		For Elevated Installation >25' To 30', Add	*50.27*	
		For Elevated Installation >30' To 35', Add	*57.46*	
		For Elevated Installation >35' To 40', Add	*71.82*	
		For Elevated Installation >40', Add	*79.00*	
26 05 33 13-0418	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	2,085.59	70.72
		For Work In Restricted Working Space, Add	*53.04*	
		For Elevated Installation >10' To 15', Add	*17.68*	
		For Elevated Installation >15' To 20', Add	*35.36*	
		For Elevated Installation >20' To 25', Add	*44.20*	
		For Elevated Installation >25' To 30', Add	*61.88*	
		For Elevated Installation >30' To 35', Add	*70.72*	
		For Elevated Installation >35' To 40', Add	*88.41*	
		For Elevated Installation >40', Add	*97.25*	
26 05 33 13-0419	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	2,581.62	78.46
		For Work In Restricted Working Space, Add	*58.88*	
		For Elevated Installation >10' To 15', Add	*19.63*	
		For Elevated Installation >15' To 20', Add	*39.25*	
		For Elevated Installation >20' To 25', Add	*49.07*	
		For Elevated Installation >25' To 30', Add	*68.69*	
		For Elevated Installation >30' To 35', Add	*78.50*	
		For Elevated Installation >35' To 40', Add	*98.13*	
		For Elevated Installation >40', Add	*107.94*	

26 05 33 13-0420 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fittings *(26 05 33 13-0059)*

Note: Type DX

26 05 33 13-0421	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	213.78	17.68
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.11*	
		For Elevated Installation >40', Add	*24.32*	
26 05 33 13-0422	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	254.17	19.89
		For Work In Restricted Working Space, Add	*14.92*	
		For Elevated Installation >10' To 15', Add	*4.97*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.43*	
		For Elevated Installation >25' To 30', Add	*17.41*	
		For Elevated Installation >30' To 35', Add	*19.89*	
		For Elevated Installation >35' To 40', Add	*24.87*	
		For Elevated Installation >40', Add	*27.35*	
26 05 33 13-0423	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	306.40	22.10
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.82*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
26 05 33 13-0424	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	359.47	24.31
		For Work In Restricted Working Space, Add	*18.23*	
		For Elevated Installation >10' To 15', Add	*6.08*	
		For Elevated Installation >15' To 20', Add	*12.16*	
		For Elevated Installation >20' To 25', Add	*15.20*	
		For Elevated Installation >25' To 30', Add	*21.27*	
		For Elevated Installation >30' To 35', Add	*24.31*	
		For Elevated Installation >35' To 40', Add	*30.39*	
		For Elevated Installation >40', Add	*33.43*	
26 05 33 13-0425	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	397.36	26.52
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	
26 05 33 13-0426	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	489.35	28.73
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0427	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	645.66	35.36
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
26 05 33 13-0428	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	818.55	44.20
		For Work In Restricted Working Space, Add	*33.15*	
		For Elevated Installation >10' To 15', Add	*11.05*	
		For Elevated Installation >15' To 20', Add	*22.10*	
		For Elevated Installation >20' To 25', Add	*27.63*	
		For Elevated Installation >25' To 30', Add	*38.68*	
		For Elevated Installation >30' To 35', Add	*44.20*	
		For Elevated Installation >35' To 40', Add	*55.25*	
		For Elevated Installation >40', Add	*60.78*	
26 05 33 13-0429	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	922.46	53.05
		For Work In Restricted Working Space, Add	*39.79*	
		For Elevated Installation >10' To 15', Add	*13.26*	
		For Elevated Installation >15' To 20', Add	*26.52*	
		For Elevated Installation >20' To 25', Add	*33.16*	
		For Elevated Installation >25' To 30', Add	*46.42*	
		For Elevated Installation >30' To 35', Add	*53.05*	
		For Elevated Installation >35' To 40', Add	*66.31*	
		For Elevated Installation >40', Add	*72.94*	
26 05 33 13-0430	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,115.63	57.47
		For Work In Restricted Working Space, Add	*43.09*	
		For Elevated Installation >10' To 15', Add	*14.36*	
		For Elevated Installation >15' To 20', Add	*28.73*	
		For Elevated Installation >20' To 25', Add	*35.91*	
		For Elevated Installation >25' To 30', Add	*50.27*	
		For Elevated Installation >30' To 35', Add	*57.46*	
		For Elevated Installation >35' To 40', Add	*71.82*	
		For Elevated Installation >40', Add	*79.00*	
26 05 33 13-0431	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,896.23	70.72
		For Work In Restricted Working Space, Add	*53.04*	
		For Elevated Installation >10' To 15', Add	*17.68*	
		For Elevated Installation >15' To 20', Add	*35.36*	
		For Elevated Installation >20' To 25', Add	*44.20*	
		For Elevated Installation >25' To 30', Add	*61.88*	
		For Elevated Installation >30' To 35', Add	*70.72*	
		For Elevated Installation >35' To 40', Add	*88.41*	
		For Elevated Installation >40', Add	*97.25*	
26 05 33 13-0432	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	3,000.40	78.46
		For Work In Restricted Working Space, Add	*58.88*	
		For Elevated Installation >10' To 15', Add	*19.63*	
		For Elevated Installation >15' To 20', Add	*39.25*	
		For Elevated Installation >20' To 25', Add	*49.07*	
		For Elevated Installation >25' To 30', Add	*68.69*	
		For Elevated Installation >30' To 35', Add	*78.50*	
		For Elevated Installation >35' To 40', Add	*98.13*	
		For Elevated Installation >40', Add	*107.94*	

26 05 33 13-0433 Rigid Galvanized Steel (RGS) Conduit Bonding Jumpers *(26 05 33 13-0059)*

26 05 33 13-0434	EA	1/2" To 3/4" Conduit, 14" Bonding Jumper	57.07	8.84
		For Work In Restricted Working Space, Add	*6.63*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.42*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.74*	
		For Elevated Installation >30' To 35', Add	*8.84*	
		For Elevated Installation >35' To 40', Add	*11.06*	
		For Elevated Installation >40', Add	*12.16*	
26 05 33 13-0435	EA	1" To 1-1/4" Conduit, 14" Bonding Jumper	66.12	11.05
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
26 05 33 13-0436	EA	1-1/2" To 2" Conduit, 14" Bonding Jumper	81.36	13.26
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0437	EA	2-1/2" To 3" Conduit, 14" Bonding Jumper	113.86	17.68
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.10*	
		For Elevated Installation >40', Add	*24.31*	
26 05 33 13-0438	EA	3-1/2" To 4" Conduit, 14" Bonding Jumper	172.40	26.52
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.16*	
		For Elevated Installation >40', Add	*36.47*	
26 05 33 13-0439	EA	5" To 6" Conduit, 14" Bonding Jumper	289.96	35.36
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
26 05 33 13-0440	EA	1/2" To 3/4" Conduit, 24" Bonding Jumper	63.06	8.84
		For Work In Restricted Working Space, Add	*6.63*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.42*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.74*	
		For Elevated Installation >30' To 35', Add	*8.84*	
		For Elevated Installation >35' To 40', Add	*11.06*	
		For Elevated Installation >40', Add	*12.16*	
26 05 33 13-0441	EA	1" To 1-1/4" Conduit, 24" Bonding Jumper	73.69	11.05
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
26 05 33 13-0442	EA	1-1/2" To 2" Conduit, 24" Bonding Jumper	88.29	13.26
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
26 05 33 13-0443	EA	2-1/2" To 3" Conduit, 24" Bonding Jumper	123.06	17.68
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.10*	
		For Elevated Installation >40', Add	*24.31*	
26 05 33 13-0444	EA	3-1/2" To 4" Conduit, 24" Bonding Jumper	184.60	26.52
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.16*	
		For Elevated Installation >40', Add	*36.47*	
26 05 33 13-0445	EA	5" To 6" Conduit, 24" Bonding Jumper	329.32	35.36
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	

26 05 33 13-0446 Rigid Galvanized Steel (RGS) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0059)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0447	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	106.78	27.63
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	
26 05 33 13-0448	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	126.82	33.15
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.89*	
26 05 33 13-0449	EA	1" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	155.14	38.68
		For Work In Restricted Working Space, Add	*23.21*	
		For Elevated Installation >10' To 15', Add	*7.74*	
		For Elevated Installation >15' To 20', Add	*15.47*	
		For Elevated Installation >20' To 25', Add	*19.34*	
		For Elevated Installation >25' To 30', Add	*27.08*	
		For Elevated Installation >30' To 35', Add	*30.94*	
		For Elevated Installation >35' To 40', Add	*38.68*	
		For Elevated Installation >40', Add	*42.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.21*	
26 05 33 13-0450	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	182.86	44.20
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.52*	
26 05 33 13-0451	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	241.66	49.73
		For Work In Restricted Working Space, Add	*29.84*	
		For Elevated Installation >10' To 15', Add	*9.95*	
		For Elevated Installation >15' To 20', Add	*19.89*	
		For Elevated Installation >20' To 25', Add	*24.86*	
		For Elevated Installation >25' To 30', Add	*34.81*	
		For Elevated Installation >30' To 35', Add	*39.78*	
		For Elevated Installation >35' To 40', Add	*49.73*	
		For Elevated Installation >40', Add	*54.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.84*	
26 05 33 13-0452	EA	2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	294.75	55.25
		For Work In Restricted Working Space, Add	*33.15*	
		For Elevated Installation >10' To 15', Add	*11.05*	
		For Elevated Installation >15' To 20', Add	*22.10*	
		For Elevated Installation >20' To 25', Add	*27.63*	
		For Elevated Installation >25' To 30', Add	*38.68*	
		For Elevated Installation >30' To 35', Add	*44.20*	
		For Elevated Installation >35' To 40', Add	*55.25*	
		For Elevated Installation >40', Add	*60.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.15*	
26 05 33 13-0453	EA	2-1/2" Rigid Galvanized Steel (RGS) Conduit Sealing Fitting, Vertical/Horizontal	418.88	66.30
		For Work In Restricted Working Space, Add	*39.78*	
		For Elevated Installation >10' To 15', Add	*13.26*	
		For Elevated Installation >15' To 20', Add	*26.52*	
		For Elevated Installation >20' To 25', Add	*33.15*	
		For Elevated Installation >25' To 30', Add	*46.41*	
		For Elevated Installation >30' To 35', Add	*53.04*	
		For Elevated Installation >35' To 40', Add	*66.31*	
		For Elevated Installation >40', Add	*72.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.78*	
26 05 33 13-0454	EA	3" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	504.39	77.36
		For Work In Restricted Working Space, Add	*46.41*	
		For Elevated Installation >10' To 15', Add	*15.47*	
		For Elevated Installation >15' To 20', Add	*30.94*	
		For Elevated Installation >20' To 25', Add	*38.68*	
		For Elevated Installation >25' To 30', Add	*54.15*	
		For Elevated Installation >30' To 35', Add	*61.88*	
		For Elevated Installation >35' To 40', Add	*77.35*	
		For Elevated Installation >40', Add	*85.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0455	EA	3-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	1,185.35	88.40
		For Work In Restricted Working Space, Add	*53.04*	
		For Elevated Installation >10' To 15', Add	*17.68*	
		For Elevated Installation >15' To 20', Add	*35.36*	
		For Elevated Installation >20' To 25', Add	*44.20*	
		For Elevated Installation >25' To 30', Add	*61.88*	
		For Elevated Installation >30' To 35', Add	*70.72*	
		For Elevated Installation >35' To 40', Add	*88.41*	
		For Elevated Installation >40', Add	*97.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.04*	
26 05 33 13-0456	EA	4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	1,366.14	99.45
		For Work In Restricted Working Space, Add	*59.67*	
		For Elevated Installation >10' To 15', Add	*19.89*	
		For Elevated Installation >15' To 20', Add	*39.78*	
		For Elevated Installation >20' To 25', Add	*49.73*	
		For Elevated Installation >25' To 30', Add	*69.62*	
		For Elevated Installation >30' To 35', Add	*79.56*	
		For Elevated Installation >35' To 40', Add	*99.46*	
		For Elevated Installation >40', Add	*109.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.67*	

26 05 33 13-0457 Rigid Galvanized Steel (RGS) Threaded Couplings *(26 05 33 13-0059)*

26 05 33 13-0458	EA	1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	14.65	6.63
		For Work In Restricted Working Space, Add	*3.98*	
		For Elevated Installation >10' To 15', Add	*1.33*	
		For Elevated Installation >15' To 20', Add	*2.65*	
		For Elevated Installation >20' To 25', Add	*3.32*	
		For Elevated Installation >25' To 30', Add	*4.64*	
		For Elevated Installation >30' To 35', Add	*5.30*	
		For Elevated Installation >35' To 40', Add	*6.63*	
		For Elevated Installation >40', Add	*7.29*	
26 05 33 13-0459	EA	3/4" Rigid Galvanized Steel (RGS) Threaded Coupling	20.52	9.39
		For Work In Restricted Working Space, Add	*5.64*	
		For Elevated Installation >10' To 15', Add	*1.88*	
		For Elevated Installation >15' To 20', Add	*3.76*	
		For Elevated Installation >20' To 25', Add	*4.70*	
		For Elevated Installation >25' To 30', Add	*6.58*	
		For Elevated Installation >30' To 35', Add	*7.52*	
		For Elevated Installation >35' To 40', Add	*9.40*	
		For Elevated Installation >40', Add	*10.33*	
26 05 33 13-0460	EA	1" Rigid Galvanized Steel (RGS) Threaded Coupling	26.96	12.15
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	
26 05 33 13-0461	EA	1-1/4" Rigid Galvanized Steel (RGS) Threaded Coupling	30.97	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
26 05 33 13-0462	EA	1-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	37.33	16.57
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
26 05 33 13-0463	EA	2" Rigid Galvanized Steel (RGS) Threaded Coupling	43.81	18.79
		For Work In Restricted Working Space, Add	*11.27*	
		For Elevated Installation >10' To 15', Add	*3.76*	
		For Elevated Installation >15' To 20', Add	*7.52*	
		For Elevated Installation >20' To 25', Add	*9.40*	
		For Elevated Installation >25' To 30', Add	*13.15*	
		For Elevated Installation >30' To 35', Add	*15.03*	
		For Elevated Installation >35' To 40', Add	*18.79*	
		For Elevated Installation >40', Add	*20.67*	
26 05 33 13-0464	EA	2-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	55.98	20.99
		For Work In Restricted Working Space, Add	*12.60*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.50*	
		For Elevated Installation >25' To 30', Add	*14.70*	
		For Elevated Installation >30' To 35', Add	*16.80*	
		For Elevated Installation >35' To 40', Add	*21.00*	
		For Elevated Installation >40', Add	*23.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0465	EA	3" Rigid Galvanized Steel (RGS) Threaded Coupling	65.71	23.76
		For Work In Restricted Working Space, Add	*14.26*	
		For Elevated Installation >10' To 15', Add	*4.75*	
		For Elevated Installation >15' To 20', Add	*9.50*	
		For Elevated Installation >20' To 25', Add	*11.88*	
		For Elevated Installation >25' To 30', Add	*16.63*	
		For Elevated Installation >30' To 35', Add	*19.01*	
		For Elevated Installation >35' To 40', Add	*23.76*	
		For Elevated Installation >40', Add	*26.14*	
26 05 33 13-0466	EA	3-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	76.51	25.97
		For Work In Restricted Working Space, Add	*15.58*	
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.39*	
		For Elevated Installation >20' To 25', Add	*12.98*	
		For Elevated Installation >25' To 30', Add	*18.18*	
		For Elevated Installation >30' To 35', Add	*20.77*	
		For Elevated Installation >35' To 40', Add	*25.97*	
		For Elevated Installation >40', Add	*28.56*	
26 05 33 13-0467	EA	4" Threaded Rigid Galvanized Steel (RGS) Coupling	80.85	27.63
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	

26 05 33 13-0468 Rigid Galvanized Steel (RGS) Sealing Locknut *(26 05 33 13-0059)*

26 05 33 13-0469	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Locknut	3.43	1.10
26 05 33 13-0470	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Locknut	4.73	1.65
26 05 33 13-0471	EA	1" Rigid Galvanized Steel (RGS) Sealing Locknut	7.85	2.77
26 05 33 13-0472	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Locknut	11.38	3.87
26 05 33 13-0473	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Locknut	13.64	4.42
26 05 33 13-0474	EA	2" Rigid Galvanized Steel (RGS) Sealing Locknut	16.07	4.97

26 05 33 13-0475 Rigid Galvanized Steel (RGS) Fire Stop Fittings *(26 05 33 13-0059)*

26 05 33 13-0476	EA	1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	238.84	13.41
		For Work In Restricted Working Space, Add	*10.06*	
		For Elevated Installation >10' To 15', Add	*3.35*	
		For Elevated Installation >15' To 20', Add	*6.71*	
		For Elevated Installation >20' To 25', Add	*8.38*	
		For Elevated Installation >25' To 30', Add	*11.74*	
		For Elevated Installation >30' To 35', Add	*13.41*	
		For Elevated Installation >35' To 40', Add	*16.77*	
		For Elevated Installation >40', Add	*18.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.06*	
26 05 33 13-0477	EA	3/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	242.07	14.70
		For Work In Restricted Working Space, Add	*11.03*	
		For Elevated Installation >10' To 15', Add	*3.68*	
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Elevated Installation >20' To 25', Add	*9.19*	
		For Elevated Installation >25' To 30', Add	*12.87*	
		For Elevated Installation >30' To 35', Add	*14.70*	
		For Elevated Installation >35' To 40', Add	*18.38*	
		For Elevated Installation >40', Add	*20.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.03*	
26 05 33 13-0478	EA	1" Rigid Galvanized Steel (RGS) Fire Stop Fitting	291.53	16.13
		For Work In Restricted Working Space, Add	*12.08*	
		For Elevated Installation >10' To 15', Add	*4.03*	
		For Elevated Installation >15' To 20', Add	*8.05*	
		For Elevated Installation >20' To 25', Add	*10.07*	
		For Elevated Installation >25' To 30', Add	*14.09*	
		For Elevated Installation >30' To 35', Add	*16.10*	
		For Elevated Installation >35' To 40', Add	*20.13*	
		For Elevated Installation >40', Add	*22.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.08*	
26 05 33 13-0479	EA	1-1/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	320.03	17.68
		For Work In Restricted Working Space, Add	*13.27*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.85*	
		For Elevated Installation >20' To 25', Add	*11.06*	
		For Elevated Installation >25' To 30', Add	*15.48*	
		For Elevated Installation >30' To 35', Add	*17.70*	
		For Elevated Installation >35' To 40', Add	*22.12*	
		For Elevated Installation >40', Add	*24.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0480	EA	1-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	365.35	19.89
		For Work In Restricted Working Space, Add	*14.92*	
		For Elevated Installation >10' To 15', Add	*4.97*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.43*	
		For Elevated Installation >25' To 30', Add	*17.41*	
		For Elevated Installation >30' To 35', Add	*19.89*	
		For Elevated Installation >35' To 40', Add	*24.87*	
		For Elevated Installation >40', Add	*27.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.92*	
26 05 33 13-0481	EA	2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	545.57	22.10
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.06*	
		For Elevated Installation >20' To 25', Add	*13.82*	
		For Elevated Installation >25' To 30', Add	*19.35*	
		For Elevated Installation >30' To 35', Add	*22.11*	
		For Elevated Installation >35' To 40', Add	*27.64*	
		For Elevated Installation >40', Add	*30.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	
26 05 33 13-0482	EA	2-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	625.29	29.51
		For Work In Restricted Working Space, Add	*22.11*	
		For Elevated Installation >10' To 15', Add	*7.37*	
		For Elevated Installation >15' To 20', Add	*14.74*	
		For Elevated Installation >20' To 25', Add	*18.43*	
		For Elevated Installation >25' To 30', Add	*25.80*	
		For Elevated Installation >30' To 35', Add	*29.48*	
		For Elevated Installation >35' To 40', Add	*36.86*	
		For Elevated Installation >40', Add	*40.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.11*	
26 05 33 13-0483	EA	3" Rigid Galvanized Steel (RGS) Fire Stop Fitting	693.86	32.38
		For Work In Restricted Working Space, Add	*24.30*	
		For Elevated Installation >10' To 15', Add	*8.10*	
		For Elevated Installation >15' To 20', Add	*16.20*	
		For Elevated Installation >20' To 25', Add	*20.25*	
		For Elevated Installation >25' To 30', Add	*28.35*	
		For Elevated Installation >30' To 35', Add	*32.40*	
		For Elevated Installation >35' To 40', Add	*40.50*	
		For Elevated Installation >40', Add	*44.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.30*	
26 05 33 13-0484	EA	3-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	808.53	35.36
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.21*	
		For Elevated Installation >40', Add	*48.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.52*	
26 05 33 13-0485	EA	4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	911.49	39.78
		For Work In Restricted Working Space, Add	*29.84*	
		For Elevated Installation >10' To 15', Add	*9.95*	
		For Elevated Installation >15' To 20', Add	*19.89*	
		For Elevated Installation >20' To 25', Add	*24.86*	
		For Elevated Installation >25' To 30', Add	*34.81*	
		For Elevated Installation >30' To 35', Add	*39.78*	
		For Elevated Installation >35' To 40', Add	*49.73*	
		For Elevated Installation >40', Add	*54.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.84*	
26 05 33 13-0486	EA	5" Rigid Galvanized Steel (RGS) Fire Stop Fitting	1,228.98	44.20
		For Work In Restricted Working Space, Add	*33.15*	
		For Elevated Installation >10' To 15', Add	*11.05*	
		For Elevated Installation >15' To 20', Add	*22.10*	
		For Elevated Installation >20' To 25', Add	*27.63*	
		For Elevated Installation >25' To 30', Add	*38.68*	
		For Elevated Installation >30' To 35', Add	*44.20*	
		For Elevated Installation >35' To 40', Add	*55.25*	
		For Elevated Installation >40', Add	*60.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.15*	
26 05 33 13-0487	EA	6" Rigid Galvanized Steel (RGS) Fire Stop Fitting	1,532.25	49.06
		For Work In Restricted Working Space, Add	*36.80*	
		For Elevated Installation >10' To 15', Add	*12.27*	
		For Elevated Installation >15' To 20', Add	*24.53*	
		For Elevated Installation >20' To 25', Add	*30.67*	
		For Elevated Installation >25' To 30', Add	*42.93*	
		For Elevated Installation >30' To 35', Add	*49.06*	
		For Elevated Installation >35' To 40', Add	*61.33*	
		For Elevated Installation >40', Add	*67.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.80*	

26 05 33 13-0488 Rigid Galvanized Steel (RGS) Reducing Bushings *(26 05 33 13-0059)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0489	EA	3/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	18.07	8.56
		For Work In Restricted Working Space, Add	*5.14*	
		For Elevated Installation >10' To 15', Add	*1.71*	
		For Elevated Installation >15' To 20', Add	*3.42*	
		For Elevated Installation >20' To 25', Add	*4.28*	
		For Elevated Installation >25' To 30', Add	*5.99*	
		For Elevated Installation >30' To 35', Add	*6.85*	
		For Elevated Installation >35' To 40', Add	*8.56*	
		For Elevated Installation >40', Add	*9.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.14*	
26 05 33 13-0490	EA	1" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	19.98	9.11
		For Work In Restricted Working Space, Add	*5.47*	
		For Elevated Installation >10' To 15', Add	*1.82*	
		For Elevated Installation >15' To 20', Add	*3.65*	
		For Elevated Installation >20' To 25', Add	*4.56*	
		For Elevated Installation >25' To 30', Add	*6.38*	
		For Elevated Installation >30' To 35', Add	*7.30*	
		For Elevated Installation >35' To 40', Add	*9.12*	
		For Elevated Installation >40', Add	*10.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.47*	
26 05 33 13-0491	EA	1" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	20.53	9.39
		For Work In Restricted Working Space, Add	*5.64*	
		For Elevated Installation >10' To 15', Add	*1.88*	
		For Elevated Installation >15' To 20', Add	*3.76*	
		For Elevated Installation >20' To 25', Add	*4.70*	
		For Elevated Installation >25' To 30', Add	*6.58*	
		For Elevated Installation >30' To 35', Add	*7.52*	
		For Elevated Installation >35' To 40', Add	*9.40*	
		For Elevated Installation >40', Add	*10.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.64*	
26 05 33 13-0492	EA	1-1/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	23.85	9.66
		For Work In Restricted Working Space, Add	*5.80*	
		For Elevated Installation >10' To 15', Add	*1.93*	
		For Elevated Installation >15' To 20', Add	*3.87*	
		For Elevated Installation >20' To 25', Add	*4.84*	
		For Elevated Installation >25' To 30', Add	*6.77*	
		For Elevated Installation >30' To 35', Add	*7.74*	
		For Elevated Installation >35' To 40', Add	*9.67*	
		For Elevated Installation >40', Add	*10.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.80*	
26 05 33 13-0493	EA	1-1/4" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	24.40	9.95
		For Work In Restricted Working Space, Add	*5.97*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.98*	
		For Elevated Installation >20' To 25', Add	*4.97*	
		For Elevated Installation >25' To 30', Add	*6.96*	
		For Elevated Installation >30' To 35', Add	*7.96*	
		For Elevated Installation >35' To 40', Add	*9.95*	
		For Elevated Installation >40', Add	*10.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.97*	
26 05 33 13-0494	EA	1-1/4" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	25.50	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-0495	EA	1-1/2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	27.56	11.05
		For Work In Restricted Working Space, Add	*6.63*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.42*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.74*	
		For Elevated Installation >30' To 35', Add	*8.84*	
		For Elevated Installation >35' To 40', Add	*11.05*	
		For Elevated Installation >40', Add	*12.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.63*	
26 05 33 13-0496	EA	1-1/2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	28.12	11.33
		For Work In Restricted Working Space, Add	*6.80*	
		For Elevated Installation >10' To 15', Add	*2.27*	
		For Elevated Installation >15' To 20', Add	*4.53*	
		For Elevated Installation >20' To 25', Add	*5.67*	
		For Elevated Installation >25' To 30', Add	*7.93*	
		For Elevated Installation >30' To 35', Add	*9.06*	
		For Elevated Installation >35' To 40', Add	*11.33*	
		For Elevated Installation >40', Add	*12.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0497	EA	1-1/2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	29.22	11.88
		For Work In Restricted Working Space, Add	*7.13*	
		For Elevated Installation >10' To 15', Add	*2.38*	
		For Elevated Installation >15' To 20', Add	*4.75*	
		For Elevated Installation >20' To 25', Add	*5.94*	
		For Elevated Installation >25' To 30', Add	*8.32*	
		For Elevated Installation >30' To 35', Add	*9.50*	
		For Elevated Installation >35' To 40', Add	*11.88*	
		For Elevated Installation >40', Add	*13.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.13*	
26 05 33 13-0498	EA	1-1/2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	30.32	12.43
		For Work In Restricted Working Space, Add	*7.46*	
		For Elevated Installation >10' To 15', Add	*2.49*	
		For Elevated Installation >15' To 20', Add	*4.97*	
		For Elevated Installation >20' To 25', Add	*6.22*	
		For Elevated Installation >25' To 30', Add	*8.70*	
		For Elevated Installation >30' To 35', Add	*9.94*	
		For Elevated Installation >35' To 40', Add	*12.43*	
		For Elevated Installation >40', Add	*13.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.46*	
26 05 33 13-0499	EA	2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	36.85	12.43
		For Work In Restricted Working Space, Add	*7.46*	
		For Elevated Installation >10' To 15', Add	*2.49*	
		For Elevated Installation >15' To 20', Add	*4.97*	
		For Elevated Installation >20' To 25', Add	*6.22*	
		For Elevated Installation >25' To 30', Add	*8.70*	
		For Elevated Installation >30' To 35', Add	*9.94*	
		For Elevated Installation >35' To 40', Add	*12.43*	
		For Elevated Installation >40', Add	*13.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.46*	
26 05 33 13-0500	EA	2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	37.40	12.71
		For Work In Restricted Working Space, Add	*7.62*	
		For Elevated Installation >10' To 15', Add	*2.54*	
		For Elevated Installation >15' To 20', Add	*5.08*	
		For Elevated Installation >20' To 25', Add	*6.35*	
		For Elevated Installation >25' To 30', Add	*8.89*	
		For Elevated Installation >30' To 35', Add	*10.16*	
		For Elevated Installation >35' To 40', Add	*12.71*	
		For Elevated Installation >40', Add	*13.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.62*	
26 05 33 13-0501	EA	2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	38.51	13.26
		For Work In Restricted Working Space, Add	*7.96*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.30*	
		For Elevated Installation >20' To 25', Add	*6.63*	
		For Elevated Installation >25' To 30', Add	*9.28*	
		For Elevated Installation >30' To 35', Add	*10.61*	
		For Elevated Installation >35' To 40', Add	*13.26*	
		For Elevated Installation >40', Add	*14.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.96*	
26 05 33 13-0502	EA	2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	39.62	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-0503	EA	2" x 1-1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	42.38	15.20
		For Work In Restricted Working Space, Add	*9.12*	
		For Elevated Installation >10' To 15', Add	*3.04*	
		For Elevated Installation >15' To 20', Add	*6.08*	
		For Elevated Installation >20' To 25', Add	*7.60*	
		For Elevated Installation >25' To 30', Add	*10.64*	
		For Elevated Installation >30' To 35', Add	*12.16*	
		For Elevated Installation >35' To 40', Add	*15.20*	
		For Elevated Installation >40', Add	*16.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.12*	
26 05 33 13-0504	EA	2-1/2" x 2" Rigid Galvanized Steel (RGS) Reducing Bushing	53.68	17.96
		For Work In Restricted Working Space, Add	*10.77*	
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	

26 05 33 13-0505 Rigid Galvanized Steel (RGS) Locknuts *(26 05 33 13-0059)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0506	EA	1/2" Rigid Galvanized Steel (RGS) Locknuts	2.30	1.10
		For Work In Restricted Working Space, Add	*0.66*	
		For Elevated Installation >10' To 15', Add	*0.22*	
		For Elevated Installation >15' To 20', Add	*0.44*	
		For Elevated Installation >20' To 25', Add	*0.55*	
		For Elevated Installation >25' To 30', Add	*0.77*	
		For Elevated Installation >30' To 35', Add	*0.88*	
		For Elevated Installation >35' To 40', Add	*1.11*	
		For Elevated Installation >40', Add	*1.22*	
26 05 33 13-0507	EA	3/4" Rigid Galvanized Steel (RGS) Locknuts	3.44	1.65
		For Work In Restricted Working Space, Add	*1.00*	
		For Elevated Installation >10' To 15', Add	*0.33*	
		For Elevated Installation >15' To 20', Add	*0.66*	
		For Elevated Installation >20' To 25', Add	*0.83*	
		For Elevated Installation >25' To 30', Add	*1.16*	
		For Elevated Installation >30' To 35', Add	*1.33*	
		For Elevated Installation >35' To 40', Add	*1.66*	
		For Elevated Installation >40', Add	*1.83*	
26 05 33 13-0508	EA	1" Rigid Galvanized Steel (RGS) Locknuts	5.72	2.77
		For Work In Restricted Working Space, Add	*1.66*	
		For Elevated Installation >10' To 15', Add	*0.55*	
		For Elevated Installation >15' To 20', Add	*1.10*	
		For Elevated Installation >20' To 25', Add	*1.38*	
		For Elevated Installation >25' To 30', Add	*1.93*	
		For Elevated Installation >30' To 35', Add	*2.21*	
		For Elevated Installation >35' To 40', Add	*2.76*	
		For Elevated Installation >40', Add	*3.04*	
26 05 33 13-0509	EA	1-1/4" Rigid Galvanized Steel (RGS) Locknuts	8.07	3.87
		For Work In Restricted Working Space, Add	*2.32*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.55*	
		For Elevated Installation >20' To 25', Add	*1.94*	
		For Elevated Installation >25' To 30', Add	*2.71*	
		For Elevated Installation >30' To 35', Add	*3.10*	
		For Elevated Installation >35' To 40', Add	*3.87*	
		For Elevated Installation >40', Add	*4.26*	
26 05 33 13-0510	EA	1-1/2" Rigid Galvanized Steel (RGS) Locknuts	9.27	4.42
		For Work In Restricted Working Space, Add	*2.65*	
		For Elevated Installation >10' To 15', Add	*0.88*	
		For Elevated Installation >15' To 20', Add	*1.77*	
		For Elevated Installation >20' To 25', Add	*2.21*	
		For Elevated Installation >25' To 30', Add	*3.09*	
		For Elevated Installation >30' To 35', Add	*3.54*	
		For Elevated Installation >35' To 40', Add	*4.42*	
		For Elevated Installation >40', Add	*4.86*	
26 05 33 13-0511	EA	2" Rigid Galvanized Steel (RGS) Locknuts	10.48	4.97
		For Work In Restricted Working Space, Add	*2.99*	
		For Elevated Installation >10' To 15', Add	*1.00*	
		For Elevated Installation >15' To 20', Add	*1.99*	
		For Elevated Installation >20' To 25', Add	*2.49*	
		For Elevated Installation >25' To 30', Add	*3.48*	
		For Elevated Installation >30' To 35', Add	*3.98*	
		For Elevated Installation >35' To 40', Add	*4.98*	
		For Elevated Installation >40', Add	*5.47*	
26 05 33 13-0512	EA	2-1/2" Rigid Galvanized Steel (RGS) Locknuts	14.68	6.63
		For Work In Restricted Working Space, Add	*3.98*	
		For Elevated Installation >10' To 15', Add	*1.33*	
		For Elevated Installation >15' To 20', Add	*2.65*	
		For Elevated Installation >20' To 25', Add	*3.32*	
		For Elevated Installation >25' To 30', Add	*4.64*	
		For Elevated Installation >30' To 35', Add	*5.30*	
		For Elevated Installation >35' To 40', Add	*6.63*	
		For Elevated Installation >40', Add	*7.29*	
26 05 33 13-0513	EA	3" Rigid Galvanized Steel (RGS) Locknuts	18.14	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	
26 05 33 13-0514	EA	3-1/2" Rigid Galvanized Steel (RGS) Locknuts	21.40	9.39
		For Work In Restricted Working Space, Add	*5.64*	
		For Elevated Installation >10' To 15', Add	*1.88*	
		For Elevated Installation >15' To 20', Add	*3.76*	
		For Elevated Installation >20' To 25', Add	*4.70*	
		For Elevated Installation >25' To 30', Add	*6.58*	
		For Elevated Installation >30' To 35', Add	*7.52*	
		For Elevated Installation >35' To 40', Add	*9.40*	
		For Elevated Installation >40', Add	*10.33*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0515		EA	4" Rigid Galvanized Steel (RGS) Locknuts	23.99	10.50
			For Work In Restricted Working Space, Add	*6.30*	
			For Elevated Installation >10' To 15', Add	*2.10*	
			For Elevated Installation >15' To 20', Add	*4.20*	
			For Elevated Installation >20' To 25', Add	*5.25*	
			For Elevated Installation >25' To 30', Add	*7.35*	
			For Elevated Installation >30' To 35', Add	*8.40*	
			For Elevated Installation >35' To 40', Add	*10.50*	
			For Elevated Installation >40', Add	*11.54*	
26 05 33 13-0516			Rigid Galvanized Steel (RGS) Grounding Locknuts *(26 05 33 13-0059)*		
26 05 33 13-0517		EA	1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	3.51	1.10
			For Work In Restricted Working Space, Add	*0.66*	
			For Elevated Installation >10' To 15', Add	*0.22*	
			For Elevated Installation >15' To 20', Add	*0.44*	
			For Elevated Installation >20' To 25', Add	*0.55*	
			For Elevated Installation >25' To 30', Add	*0.77*	
			For Elevated Installation >30' To 35', Add	*0.88*	
			For Elevated Installation >35' To 40', Add	*1.11*	
			For Elevated Installation >40', Add	*1.22*	
26 05 33 13-0518		EA	3/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	4.88	1.65
			For Work In Restricted Working Space, Add	*1.00*	
			For Elevated Installation >10' To 15', Add	*0.33*	
			For Elevated Installation >15' To 20', Add	*0.66*	
			For Elevated Installation >20' To 25', Add	*0.83*	
			For Elevated Installation >25' To 30', Add	*1.16*	
			For Elevated Installation >30' To 35', Add	*1.33*	
			For Elevated Installation >35' To 40', Add	*1.66*	
			For Elevated Installation >40', Add	*1.83*	
26 05 33 13-0519		EA	1" Rigid Galvanized Steel (RGS) Grounding Locknuts	7.75	2.77
			For Work In Restricted Working Space, Add	*1.66*	
			For Elevated Installation >10' To 15', Add	*0.55*	
			For Elevated Installation >15' To 20', Add	*1.10*	
			For Elevated Installation >20' To 25', Add	*1.38*	
			For Elevated Installation >25' To 30', Add	*1.93*	
			For Elevated Installation >30' To 35', Add	*2.21*	
			For Elevated Installation >35' To 40', Add	*2.76*	
			For Elevated Installation >40', Add	*3.04*	
26 05 33 13-0520		EA	1-1/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	10.85	3.87
			For Work In Restricted Working Space, Add	*2.32*	
			For Elevated Installation >10' To 15', Add	*0.77*	
			For Elevated Installation >15' To 20', Add	*1.55*	
			For Elevated Installation >20' To 25', Add	*1.94*	
			For Elevated Installation >25' To 30', Add	*2.71*	
			For Elevated Installation >30' To 35', Add	*3.10*	
			For Elevated Installation >35' To 40', Add	*3.87*	
			For Elevated Installation >40', Add	*4.26*	
26 05 33 13-0521		EA	1-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	12.24	4.42
			For Work In Restricted Working Space, Add	*2.65*	
			For Elevated Installation >10' To 15', Add	*0.88*	
			For Elevated Installation >15' To 20', Add	*1.77*	
			For Elevated Installation >20' To 25', Add	*2.21*	
			For Elevated Installation >25' To 30', Add	*3.09*	
			For Elevated Installation >30' To 35', Add	*3.54*	
			For Elevated Installation >35' To 40', Add	*4.42*	
			For Elevated Installation >40', Add	*4.86*	
26 05 33 13-0522		EA	2" Rigid Galvanized Steel (RGS) Grounding Locknuts	14.38	4.97
			For Work In Restricted Working Space, Add	*2.99*	
			For Elevated Installation >10' To 15', Add	*1.00*	
			For Elevated Installation >15' To 20', Add	*1.99*	
			For Elevated Installation >20' To 25', Add	*2.49*	
			For Elevated Installation >25' To 30', Add	*3.48*	
			For Elevated Installation >30' To 35', Add	*3.98*	
			For Elevated Installation >35' To 40', Add	*4.98*	
			For Elevated Installation >40', Add	*5.47*	
26 05 33 13-0523		EA	2-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	21.50	6.63
			For Work In Restricted Working Space, Add	*3.98*	
			For Elevated Installation >10' To 15', Add	*1.33*	
			For Elevated Installation >15' To 20', Add	*2.65*	
			For Elevated Installation >20' To 25', Add	*3.32*	
			For Elevated Installation >25' To 30', Add	*4.64*	
			For Elevated Installation >30' To 35', Add	*5.30*	
			For Elevated Installation >35' To 40', Add	*6.63*	
			For Elevated Installation >40', Add	*7.29*	
26 05 33 13-0524		EA	3" Rigid Galvanized Steel (RGS) Grounding Locknuts	27.03	8.29
			For Work In Restricted Working Space, Add	*4.97*	
			For Elevated Installation >10' To 15', Add	*1.66*	
			For Elevated Installation >15' To 20', Add	*3.31*	
			For Elevated Installation >20' To 25', Add	*4.14*	
			For Elevated Installation >25' To 30', Add	*5.80*	
			For Elevated Installation >30' To 35', Add	*6.63*	
			For Elevated Installation >35' To 40', Add	*8.29*	
			For Elevated Installation >40', Add	*9.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0525	EA	3-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	35.78	9.39
		For Work In Restricted Working Space, Add	*5.64*	
		For Elevated Installation >10' To 15', Add	*1.88*	
		For Elevated Installation >15' To 20', Add	*3.76*	
		For Elevated Installation >20' To 25', Add	*4.70*	
		For Elevated Installation >25' To 30', Add	*6.58*	
		For Elevated Installation >30' To 35', Add	*7.52*	
		For Elevated Installation >35' To 40', Add	*9.40*	
		For Elevated Installation >40', Add	*10.33*	
26 05 33 13-0526	EA	4" Rigid Galvanized Steel (RGS) Grounding Locknuts	42.90	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.54*	
26 05 33 13-0527		Rigid Galvanized Steel (RGS) Insulated Ground Bushing *(26 05 33 13-0059)*		
26 05 33 13-0528	EA	1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	9.88	3.32
		For Work In Restricted Working Space, Add	*1.99*	
		For Elevated Installation >10' To 15', Add	*0.66*	
		For Elevated Installation >15' To 20', Add	*1.33*	
		For Elevated Installation >20' To 25', Add	*1.66*	
		For Elevated Installation >25' To 30', Add	*2.32*	
		For Elevated Installation >30' To 35', Add	*2.65*	
		For Elevated Installation >35' To 40', Add	*3.32*	
		For Elevated Installation >40', Add	*3.65*	
26 05 33 13-0529	EA	3/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	12.37	4.42
		For Work In Restricted Working Space, Add	*2.65*	
		For Elevated Installation >10' To 15', Add	*0.88*	
		For Elevated Installation >15' To 20', Add	*1.77*	
		For Elevated Installation >20' To 25', Add	*2.21*	
		For Elevated Installation >25' To 30', Add	*3.09*	
		For Elevated Installation >30' To 35', Add	*3.54*	
		For Elevated Installation >35' To 40', Add	*4.42*	
		For Elevated Installation >40', Add	*4.86*	
26 05 33 13-0530	EA	1" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	15.80	5.52
		For Work In Restricted Working Space, Add	*3.32*	
		For Elevated Installation >10' To 15', Add	*1.11*	
		For Elevated Installation >15' To 20', Add	*2.21*	
		For Elevated Installation >20' To 25', Add	*2.76*	
		For Elevated Installation >25' To 30', Add	*3.87*	
		For Elevated Installation >30' To 35', Add	*4.42*	
		For Elevated Installation >35' To 40', Add	*5.53*	
		For Elevated Installation >40', Add	*6.08*	
26 05 33 13-0531	EA	1-1/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	22.98	8.84
		For Work In Restricted Working Space, Add	*5.30*	
		For Elevated Installation >10' To 15', Add	*1.77*	
		For Elevated Installation >15' To 20', Add	*3.54*	
		For Elevated Installation >20' To 25', Add	*4.42*	
		For Elevated Installation >25' To 30', Add	*6.19*	
		For Elevated Installation >30' To 35', Add	*7.07*	
		For Elevated Installation >35' To 40', Add	*8.84*	
		For Elevated Installation >40', Add	*9.72*	
26 05 33 13-0532	EA	1-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	25.89	9.95
		For Work In Restricted Working Space, Add	*5.97*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.98*	
		For Elevated Installation >20' To 25', Add	*4.97*	
		For Elevated Installation >25' To 30', Add	*6.96*	
		For Elevated Installation >30' To 35', Add	*7.96*	
		For Elevated Installation >35' To 40', Add	*9.95*	
		For Elevated Installation >40', Add	*10.94*	
26 05 33 13-0533	EA	2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	29.46	11.05
		For Work In Restricted Working Space, Add	*6.63*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.42*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.74*	
		For Elevated Installation >30' To 35', Add	*8.84*	
		For Elevated Installation >35' To 40', Add	*11.05*	
		For Elevated Installation >40', Add	*12.16*	
26 05 33 13-0534	EA	2-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	40.74	13.26
		For Work In Restricted Working Space, Add	*7.96*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.30*	
		For Elevated Installation >20' To 25', Add	*6.63*	
		For Elevated Installation >25' To 30', Add	*9.28*	
		For Elevated Installation >30' To 35', Add	*10.61*	
		For Elevated Installation >35' To 40', Add	*13.26*	
		For Elevated Installation >40', Add	*14.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0535	EA	3" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	49.44	16.57
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
26 05 33 13-0536	EA	3-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	61.03	22.10
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.10*	
		For Elevated Installation >40', Add	*24.31*	
26 05 33 13-0537	EA	4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	74.28	27.63
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
26 05 33 13-0538		Rigid Galvanized Steel (RGS) Threadless Compression Connectors *(26 05 33 13-0059)*		
26 05 33 13-0539	EA	1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	23.50	9.95
		For Work In Restricted Working Space, Add	*5.97*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.98*	
		For Elevated Installation >20' To 25', Add	*4.97*	
		For Elevated Installation >25' To 30', Add	*6.96*	
		For Elevated Installation >30' To 35', Add	*7.96*	
		For Elevated Installation >35' To 40', Add	*9.95*	
		For Elevated Installation >40', Add	*10.94*	
26 05 33 13-0540	EA	3/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	27.91	11.05
		For Work In Restricted Working Space, Add	*6.63*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.42*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.74*	
		For Elevated Installation >30' To 35', Add	*8.84*	
		For Elevated Installation >35' To 40', Add	*11.05*	
		For Elevated Installation >40', Add	*12.16*	
26 05 33 13-0541	EA	1" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	36.71	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
26 05 33 13-0542	EA	1-1/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	50.24	16.57
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
26 05 33 13-0543	EA	1-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	67.87	22.10
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.10*	
		For Elevated Installation >40', Add	*24.31*	
26 05 33 13-0544	EA	2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	100.66	27.63
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0545	EA	2-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	171.05	33.15
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	
26 05 33 13-0546	EA	3" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	216.23	38.68
		For Work In Restricted Working Space, Add	*23.21*	
		For Elevated Installation >10' To 15', Add	*7.74*	
		For Elevated Installation >15' To 20', Add	*15.47*	
		For Elevated Installation >20' To 25', Add	*19.34*	
		For Elevated Installation >25' To 30', Add	*27.08*	
		For Elevated Installation >30' To 35', Add	*30.94*	
		For Elevated Installation >35' To 40', Add	*38.68*	
		For Elevated Installation >40', Add	*42.55*	
26 05 33 13-0547	EA	3-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	275.40	46.96
		For Work In Restricted Working Space, Add	*28.18*	
		For Elevated Installation >10' To 15', Add	*9.39*	
		For Elevated Installation >15' To 20', Add	*18.79*	
		For Elevated Installation >20' To 25', Add	*23.48*	
		For Elevated Installation >25' To 30', Add	*32.88*	
		For Elevated Installation >30' To 35', Add	*37.57*	
		For Elevated Installation >35' To 40', Add	*46.97*	
		For Elevated Installation >40', Add	*51.66*	
26 05 33 13-0548	EA	4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	332.66	55.25
		For Work In Restricted Working Space, Add	*33.15*	
		For Elevated Installation >10' To 15', Add	*11.05*	
		For Elevated Installation >15' To 20', Add	*22.10*	
		For Elevated Installation >20' To 25', Add	*27.63*	
		For Elevated Installation >25' To 30', Add	*38.68*	
		For Elevated Installation >30' To 35', Add	*44.20*	
		For Elevated Installation >35' To 40', Add	*55.25*	
		For Elevated Installation >40', Add	*60.78*	

26 05 33 13-0549 Rigid Galvanized Steel (RGS) Compression Coupling *(26 05 33 13-0059)*

26 05 33 13-0550	EA	1/2" Rigid Galvanized Steel (RGS) Compression Coupling	33.46	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
26 05 33 13-0551	EA	3/4" Rigid Galvanized Steel (RGS) Compression Coupling	42.49	16.57
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
26 05 33 13-0552	EA	1" Rigid Galvanized Steel (RGS) Compression Coupling	60.49	22.10
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.10*	
		For Elevated Installation >40', Add	*24.31*	
26 05 33 13-0553	EA	1-1/4" Rigid Galvanized Steel (RGS) Compression Coupling	79.37	27.63
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
26 05 33 13-0554	EA	1-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	97.70	33.15
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0555	EA	2" Rigid Galvanized Steel (RGS) Compression Coupling	146.03	38.68
		For Work In Restricted Working Space, Add	*23.21*	
		For Elevated Installation >10' To 15', Add	*7.74*	
		For Elevated Installation >15' To 20', Add	*15.47*	
		For Elevated Installation >20' To 25', Add	*19.34*	
		For Elevated Installation >25' To 30', Add	*27.08*	
		For Elevated Installation >30' To 35', Add	*30.94*	
		For Elevated Installation >35' To 40', Add	*38.68*	
		For Elevated Installation >40', Add	*42.55*	
26 05 33 13-0556	EA	2-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	233.05	44.20
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
26 05 33 13-0557	EA	3" Rigid Galvanized Steel (RGS) Compression Coupling	267.88	38.13
		For Work In Restricted Working Space, Add	*22.87*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.25*	
		For Elevated Installation >20' To 25', Add	*19.06*	
		For Elevated Installation >25' To 30', Add	*26.68*	
		For Elevated Installation >30' To 35', Add	*30.50*	
		For Elevated Installation >35' To 40', Add	*38.12*	
		For Elevated Installation >40', Add	*41.93*	
26 05 33 13-0558	EA	3-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	368.30	58.02
		For Work In Restricted Working Space, Add	*34.81*	
		For Elevated Installation >10' To 15', Add	*11.60*	
		For Elevated Installation >15' To 20', Add	*23.21*	
		For Elevated Installation >20' To 25', Add	*29.01*	
		For Elevated Installation >25' To 30', Add	*40.61*	
		For Elevated Installation >30' To 35', Add	*46.41*	
		For Elevated Installation >35' To 40', Add	*58.02*	
		For Elevated Installation >40', Add	*63.82*	
26 05 33 13-0559	EA	4" Rigid Galvanized Steel (RGS) Compression Coupling	455.41	66.30
		For Work In Restricted Working Space, Add	*39.78*	
		For Elevated Installation >10' To 15', Add	*13.26*	
		For Elevated Installation >15' To 20', Add	*26.52*	
		For Elevated Installation >20' To 25', Add	*33.15*	
		For Elevated Installation >25' To 30', Add	*46.41*	
		For Elevated Installation >30' To 35', Add	*53.04*	
		For Elevated Installation >35' To 40', Add	*66.31*	
		For Elevated Installation >40', Add	*72.94*	

26 05 33 13-0560 Zinc Plated Steel Snap-in Knock Out Seal *(26 05 33 13-0059)*

26 05 33 13-0561	EA	1/2" Zinc Plated Steel Snap-in Knock Out Seal	5.80	2.77
		For Work In Restricted Working Space, Add	*1.66*	
		For Elevated Installation >10' To 15', Add	*0.55*	
		For Elevated Installation >15' To 20', Add	*1.10*	
		For Elevated Installation >20' To 25', Add	*1.38*	
		For Elevated Installation >25' To 30', Add	*1.93*	
		For Elevated Installation >30' To 35', Add	*2.21*	
		For Elevated Installation >35' To 40', Add	*2.76*	
		For Elevated Installation >40', Add	*3.04*	
26 05 33 13-0562	EA	3/4" Zinc Plated Steel Snap-in Knock Out Seal	6.99	3.32
		For Work In Restricted Working Space, Add	*1.99*	
		For Elevated Installation >10' To 15', Add	*0.66*	
		For Elevated Installation >15' To 20', Add	*1.33*	
		For Elevated Installation >20' To 25', Add	*1.66*	
		For Elevated Installation >25' To 30', Add	*2.32*	
		For Elevated Installation >30' To 35', Add	*2.65*	
		For Elevated Installation >35' To 40', Add	*3.32*	
		For Elevated Installation >40', Add	*3.65*	
26 05 33 13-0563	EA	1" Zinc Plated Steel Snap-in Knock Out Seal	8.31	3.87
		For Work In Restricted Working Space, Add	*2.32*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.55*	
		For Elevated Installation >20' To 25', Add	*1.94*	
		For Elevated Installation >25' To 30', Add	*2.71*	
		For Elevated Installation >30' To 35', Add	*3.10*	
		For Elevated Installation >35' To 40', Add	*3.87*	
		For Elevated Installation >40', Add	*4.26*	
26 05 33 13-0564	EA	1-1/4" Zinc Plated Steel Snap-in Knock Out Seal	10.70	4.97
		For Work In Restricted Working Space, Add	*2.99*	
		For Elevated Installation >10' To 15', Add	*1.00*	
		For Elevated Installation >15' To 20', Add	*1.99*	
		For Elevated Installation >20' To 25', Add	*2.49*	
		For Elevated Installation >25' To 30', Add	*3.48*	
		For Elevated Installation >30' To 35', Add	*3.98*	
		For Elevated Installation >35' To 40', Add	*4.98*	
		For Elevated Installation >40', Add	*5.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0565	EA	1-1/2" Zinc Plated Steel Snap-in Knock Out Seal	12.10	5.52
		For Work In Restricted Working Space, Add	*3.32*	
		For Elevated Installation >10' To 15', Add	*1.11*	
		For Elevated Installation >15' To 20', Add	*2.21*	
		For Elevated Installation >20' To 25', Add	*2.76*	
		For Elevated Installation >25' To 30', Add	*3.87*	
		For Elevated Installation >30' To 35', Add	*4.42*	
		For Elevated Installation >35' To 40', Add	*5.53*	
		For Elevated Installation >40', Add	*6.08*	
26 05 33 13-0566	EA	2" Zinc Plated Steel Snap-in Knock Out Seal	14.73	6.63
		For Work In Restricted Working Space, Add	*3.98*	
		For Elevated Installation >10' To 15', Add	*1.33*	
		For Elevated Installation >15' To 20', Add	*2.65*	
		For Elevated Installation >20' To 25', Add	*3.32*	
		For Elevated Installation >25' To 30', Add	*4.64*	
		For Elevated Installation >30' To 35', Add	*5.30*	
		For Elevated Installation >35' To 40', Add	*6.63*	
		For Elevated Installation >40', Add	*7.29*	

26 05 33 13-0567 Zinc Plated Steel 3-Piece Knock Out Seal *(26 05 33 13-0059)*

26 05 33 13-0568	EA	1/2" Zinc Plated Steel 3-Piece Knock Out Seal	7.17	2.77
		For Work In Restricted Working Space, Add	*1.66*	
		For Elevated Installation >10' To 15', Add	*0.55*	
		For Elevated Installation >15' To 20', Add	*1.10*	
		For Elevated Installation >20' To 25', Add	*1.38*	
		For Elevated Installation >25' To 30', Add	*1.93*	
		For Elevated Installation >30' To 35', Add	*2.21*	
		For Elevated Installation >35' To 40', Add	*2.76*	
		For Elevated Installation >40', Add	*3.04*	
26 05 33 13-0569	EA	3/4" Zinc Plated Steel 3-Piece Knock Out Seal	8.55	3.32
		For Work In Restricted Working Space, Add	*1.99*	
		For Elevated Installation >10' To 15', Add	*0.66*	
		For Elevated Installation >15' To 20', Add	*1.33*	
		For Elevated Installation >20' To 25', Add	*1.66*	
		For Elevated Installation >25' To 30', Add	*2.32*	
		For Elevated Installation >30' To 35', Add	*2.65*	
		For Elevated Installation >35' To 40', Add	*3.32*	
		For Elevated Installation >40', Add	*3.65*	
26 05 33 13-0570	EA	1" Zinc Plated Steel 3-Piece Knock Out Seal	10.39	3.87
		For Work In Restricted Working Space, Add	*2.32*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.55*	
		For Elevated Installation >20' To 25', Add	*1.94*	
		For Elevated Installation >25' To 30', Add	*2.71*	
		For Elevated Installation >30' To 35', Add	*3.10*	
		For Elevated Installation >35' To 40', Add	*3.87*	
		For Elevated Installation >40', Add	*4.26*	
26 05 33 13-0571	EA	1-1/4" Zinc Plated Steel 3-Piece Knock Out Seal	13.36	4.97
		For Work In Restricted Working Space, Add	*2.99*	
		For Elevated Installation >10' To 15', Add	*1.00*	
		For Elevated Installation >15' To 20', Add	*1.99*	
		For Elevated Installation >20' To 25', Add	*2.49*	
		For Elevated Installation >25' To 30', Add	*3.48*	
		For Elevated Installation >30' To 35', Add	*3.98*	
		For Elevated Installation >35' To 40', Add	*4.98*	
		For Elevated Installation >40', Add	*5.47*	
26 05 33 13-0572	EA	1-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	16.49	5.52
		For Work In Restricted Working Space, Add	*3.32*	
		For Elevated Installation >10' To 15', Add	*1.11*	
		For Elevated Installation >15' To 20', Add	*2.21*	
		For Elevated Installation >20' To 25', Add	*2.76*	
		For Elevated Installation >25' To 30', Add	*3.87*	
		For Elevated Installation >30' To 35', Add	*4.42*	
		For Elevated Installation >35' To 40', Add	*5.53*	
		For Elevated Installation >40', Add	*6.08*	
26 05 33 13-0573	EA	2" Zinc Plated Steel 3-Piece Knock Out Seal	19.96	6.63
		For Work In Restricted Working Space, Add	*3.98*	
		For Elevated Installation >10' To 15', Add	*1.33*	
		For Elevated Installation >15' To 20', Add	*2.65*	
		For Elevated Installation >20' To 25', Add	*3.32*	
		For Elevated Installation >25' To 30', Add	*4.64*	
		For Elevated Installation >30' To 35', Add	*5.30*	
		For Elevated Installation >35' To 40', Add	*6.63*	
		For Elevated Installation >40', Add	*7.29*	
26 05 33 13-0574	EA	2-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	24.45	8.29
		For Work In Restricted Working Space, Add	*4.97*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0575	EA	3" Zinc Plated Steel 3-Piece Knock Out Seal	28.63	9.39
		For Work In Restricted Working Space, Add	*5.64*	
		For Elevated Installation >10' To 15', Add	*1.88*	
		For Elevated Installation >15' To 20', Add	*3.76*	
		For Elevated Installation >20' To 25', Add	*4.70*	
		For Elevated Installation >25' To 30', Add	*6.58*	
		For Elevated Installation >30' To 35', Add	*7.52*	
		For Elevated Installation >35' To 40', Add	*9.40*	
		For Elevated Installation >40', Add	*10.33*	
26 05 33 13-0576	EA	3-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	34.85	10.50
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.54*	
26 05 33 13-0577	EA	4" Zinc Plated Steel 3-Piece Knock Out Seal	40.99	11.60
		For Work In Restricted Working Space, Add	*6.96*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.12*	
		For Elevated Installation >30' To 35', Add	*9.28*	
		For Elevated Installation >35' To 40', Add	*11.61*	
		For Elevated Installation >40', Add	*12.77*	
26 05 33 13-0578		**Rigid Galvanized Steel (RGS) Chase Nipples** *(26 05 33 13-0059)*		
26 05 33 13-0579	EA	1/2" Rigid Galvanized Steel (RGS) Chase Nipple	13.68	6.63
		For Work In Restricted Working Space, Add	*3.98*	
		For Elevated Installation >10' To 15', Add	*1.33*	
		For Elevated Installation >15' To 20', Add	*2.65*	
		For Elevated Installation >20' To 25', Add	*3.32*	
		For Elevated Installation >25' To 30', Add	*4.64*	
		For Elevated Installation >30' To 35', Add	*5.30*	
		For Elevated Installation >35' To 40', Add	*6.63*	
		For Elevated Installation >40', Add	*7.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.98*	
26 05 33 13-0580	EA	3/4" Rigid Galvanized Steel (RGS) Chase Nipple	16.18	7.74
		For Work In Restricted Working Space, Add	*4.64*	
		For Elevated Installation >10' To 15', Add	*1.55*	
		For Elevated Installation >15' To 20', Add	*3.09*	
		For Elevated Installation >20' To 25', Add	*3.87*	
		For Elevated Installation >25' To 30', Add	*5.41*	
		For Elevated Installation >30' To 35', Add	*6.19*	
		For Elevated Installation >35' To 40', Add	*7.74*	
		For Elevated Installation >40', Add	*8.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.64*	
26 05 33 13-0581	EA	1" Rigid Galvanized Steel (RGS) Chase Nipple	20.33	9.39
		For Work In Restricted Working Space, Add	*5.64*	
		For Elevated Installation >10' To 15', Add	*1.88*	
		For Elevated Installation >15' To 20', Add	*3.76*	
		For Elevated Installation >20' To 25', Add	*4.70*	
		For Elevated Installation >25' To 30', Add	*6.58*	
		For Elevated Installation >30' To 35', Add	*7.52*	
		For Elevated Installation >35' To 40', Add	*9.40*	
		For Elevated Installation >40', Add	*10.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.64*	
26 05 33 13-0582	EA	1-1/4" Rigid Galvanized Steel (RGS) Chase Nipple	24.77	11.05
		For Work In Restricted Working Space, Add	*6.63*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.42*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.74*	
		For Elevated Installation >30' To 35', Add	*8.84*	
		For Elevated Installation >35' To 40', Add	*11.05*	
		For Elevated Installation >40', Add	*12.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.63*	
26 05 33 13-0583	EA	1-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	31.07	13.82
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0584	EA	2" Rigid Galvanized Steel (RGS) Chase Nipple	38.73	16.57
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.95*	
26 05 33 13-0585	EA	2-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	49.29	19.34
		For Work In Restricted Working Space, Add	*11.60*	
		For Elevated Installation >10' To 15', Add	*3.87*	
		For Elevated Installation >15' To 20', Add	*7.74*	
		For Elevated Installation >20' To 25', Add	*9.67*	
		For Elevated Installation >25' To 30', Add	*13.54*	
		For Elevated Installation >30' To 35', Add	*15.47*	
		For Elevated Installation >35' To 40', Add	*19.34*	
		For Elevated Installation >40', Add	*21.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.60*	
26 05 33 13-0586	EA	3" Rigid Galvanized Steel (RGS) Chase Nipple	55.09	22.10
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.10*	
		For Elevated Installation >40', Add	*24.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.26*	
26 05 33 13-0587	EA	3-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	68.98	24.86
		For Work In Restricted Working Space, Add	*14.92*	
		For Elevated Installation >10' To 15', Add	*4.97*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.43*	
		For Elevated Installation >25' To 30', Add	*17.41*	
		For Elevated Installation >30' To 35', Add	*19.89*	
		For Elevated Installation >35' To 40', Add	*24.87*	
		For Elevated Installation >40', Add	*27.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.92*	
26 05 33 13-0588	EA	4" Rigid Galvanized Steel (RGS) Chase Nipple	95.59	27.63
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	
26 05 33 13-0589		Rigid Galvanized Steel (RGS) Pulling Elbow *(26 05 33 13-0059)*		
26 05 33 13-0590	EA	1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	27.21	9.95
		For Work In Restricted Working Space, Add	*5.97*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.98*	
		For Elevated Installation >20' To 25', Add	*4.97*	
		For Elevated Installation >25' To 30', Add	*6.96*	
		For Elevated Installation >30' To 35', Add	*7.96*	
		For Elevated Installation >35' To 40', Add	*9.95*	
		For Elevated Installation >40', Add	*10.94*	
26 05 33 13-0591	EA	3/4" Rigid Galvanized Steel (RGS) Pulling Elbow	31.61	11.60
		For Work In Restricted Working Space, Add	*6.96*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.12*	
		For Elevated Installation >30' To 35', Add	*9.28*	
		For Elevated Installation >35' To 40', Add	*11.61*	
		For Elevated Installation >40', Add	*12.77*	
26 05 33 13-0592	EA	1" Rigid Galvanized Steel (RGS) Pulling Elbow	40.47	13.26
		For Work In Restricted Working Space, Add	*7.96*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.30*	
		For Elevated Installation >20' To 25', Add	*6.63*	
		For Elevated Installation >25' To 30', Add	*9.28*	
		For Elevated Installation >30' To 35', Add	*10.61*	
		For Elevated Installation >35' To 40', Add	*13.26*	
		For Elevated Installation >40', Add	*14.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0593	EA	1-1/4" Rigid Galvanized Steel (RGS) Pulling Elbow	51.93	16.57
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
26 05 33 13-0594	EA	1-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	69.59	19.89
		For Work In Restricted Working Space, Add	*11.93*	
		For Elevated Installation >10' To 15', Add	*3.98*	
		For Elevated Installation >15' To 20', Add	*7.96*	
		For Elevated Installation >20' To 25', Add	*9.95*	
		For Elevated Installation >25' To 30', Add	*13.92*	
		For Elevated Installation >30' To 35', Add	*15.91*	
		For Elevated Installation >35' To 40', Add	*19.89*	
		For Elevated Installation >40', Add	*21.88*	
26 05 33 13-0595	EA	2" Rigid Galvanized Steel (RGS) Pulling Elbow	93.59	23.21
		For Work In Restricted Working Space, Add	*13.92*	
		For Elevated Installation >10' To 15', Add	*4.64*	
		For Elevated Installation >15' To 20', Add	*9.28*	
		For Elevated Installation >20' To 25', Add	*11.60*	
		For Elevated Installation >25' To 30', Add	*16.24*	
		For Elevated Installation >30' To 35', Add	*18.56*	
		For Elevated Installation >35' To 40', Add	*23.21*	
		For Elevated Installation >40', Add	*25.53*	
26 05 33 13-0596	EA	2-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	130.94	26.52
		For Work In Restricted Working Space, Add	*15.92*	
		For Elevated Installation >10' To 15', Add	*5.31*	
		For Elevated Installation >15' To 20', Add	*10.61*	
		For Elevated Installation >20' To 25', Add	*13.26*	
		For Elevated Installation >25' To 30', Add	*18.57*	
		For Elevated Installation >30' To 35', Add	*21.22*	
		For Elevated Installation >35' To 40', Add	*26.53*	
		For Elevated Installation >40', Add	*29.18*	
26 05 33 13-0597	EA	3" Rigid Galvanized Steel (RGS) Pulling Elbow	231.31	33.15
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	

26 05 33 13-0598 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0058)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0599 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0598)*

Note: Includes field bending conduit up to and including 1".

26 05 33 13-0600	LF	1/2" Electrical Metallic Tubing (EMT) Conduit	5.92	1.99
		For >250 To 500, Deduct	*-0.05*	
		For >500 To 1,000, Deduct	*-0.32*	
		For >1,000, Deduct	*-0.47*	
		For Installation In Metal Stud Wall, Add	*0.50*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.24*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.75*	
		For Work In Restricted Working Space, Add	*1.49*	
		For Elevated Installation >10' To 15', Add	*0.50*	
		For Elevated Installation >15' To 20', Add	*0.99*	
		For Elevated Installation >20' To 25', Add	*1.24*	
		For Elevated Installation >25' To 30', Add	*1.74*	
		For Elevated Installation >30' To 35', Add	*1.99*	
		For Elevated Installation >35' To 40', Add	*2.49*	
		For Elevated Installation >40', Add	*2.73*	
		For Factory Applied Color Coating, Add	*0.29*	
26 05 33 13-0601	LF	3/4" Electrical Metallic Tubing (EMT) Conduit	7.00	2.21
		For >250 To 500, Deduct	*-0.07*	
		For >500 To 1,000, Deduct	*-0.39*	
		For >1,000, Deduct	*-0.56*	
		For Installation In Metal Stud Wall, Add	*0.55*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.38*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.83*	
		For Work In Restricted Working Space, Add	*1.66*	
		For Elevated Installation >10' To 15', Add	*0.55*	
		For Elevated Installation >15' To 20', Add	*1.10*	
		For Elevated Installation >20' To 25', Add	*1.38*	
		For Elevated Installation >25' To 30', Add	*1.93*	
		For Elevated Installation >30' To 35', Add	*2.21*	
		For Elevated Installation >35' To 40', Add	*2.76*	
		For Elevated Installation >40', Add	*3.04*	
		For Factory Applied Color Coating, Add	*0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0602	LF	1" Electrical Metallic Tubing (EMT) Conduit	8.55	2.43
		For >250 To 500, Deduct	*-0.12*	
		For >500 To 1,000, Deduct	*-0.49*	
		For >1,000, Deduct	*-0.70*	
		For Installation In Metal Stud Wall, Add	*0.61*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.52*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.91*	
		For Work In Restricted Working Space, Add	*1.82*	
		For Elevated Installation >10' To 15', Add	*0.61*	
		For Elevated Installation >15' To 20', Add	*1.22*	
		For Elevated Installation >20' To 25', Add	*1.52*	
		For Elevated Installation >25' To 30', Add	*2.13*	
		For Elevated Installation >30' To 35', Add	*2.43*	
		For Elevated Installation >35' To 40', Add	*3.04*	
		For Elevated Installation >40', Add	*3.34*	
		For Factory Applied Color Coating, Add	*0.74*	
26 05 33 13-0603	LF	1-1/4" Electrical Metallic Tubing (EMT) Conduit	10.74	2.74
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 1,000, Deduct	*-0.63*	
		For >1,000, Deduct	*-0.90*	
		For Installation In Metal Stud Wall, Add	*0.69*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.71*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.03*	
		For Work In Restricted Working Space, Add	*2.06*	
		For Elevated Installation >10' To 15', Add	*0.69*	
		For Elevated Installation >15' To 20', Add	*1.37*	
		For Elevated Installation >20' To 25', Add	*1.71*	
		For Elevated Installation >25' To 30', Add	*2.40*	
		For Elevated Installation >30' To 35', Add	*2.74*	
		For Elevated Installation >35' To 40', Add	*3.43*	
		For Elevated Installation >40', Add	*3.77*	
		For Factory Applied Color Coating, Add	*1.17*	
26 05 33 13-0604	LF	1-1/2" Electrical Metallic Tubing (EMT) Conduit	12.58	3.10
		For >250 To 500, Deduct	*-0.24*	
		For >500 To 1,000, Deduct	*-0.75*	
		For >1,000, Deduct	*-1.06*	
		For Installation In Metal Stud Wall, Add	*0.77*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.94*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.16*	
		For Work In Restricted Working Space, Add	*2.32*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.55*	
		For Elevated Installation >20' To 25', Add	*1.94*	
		For Elevated Installation >25' To 30', Add	*2.71*	
		For Elevated Installation >30' To 35', Add	*3.10*	
		For Elevated Installation >35' To 40', Add	*3.87*	
		For Elevated Installation >40', Add	*4.26*	
		For Factory Applied Color Coating, Add	*1.45*	
26 05 33 13-0605	LF	2" Electrical Metallic Tubing (EMT) Conduit	14.59	3.54
		For >250 To 500, Deduct	*-0.29*	
		For >500 To 1,000, Deduct	*-0.87*	
		For >1,000, Deduct	*-1.24*	
		For Installation In Metal Stud Wall, Add	*0.88*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.21*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.33*	
		For Work In Restricted Working Space, Add	*2.65*	
		For Elevated Installation >10' To 15', Add	*0.88*	
		For Elevated Installation >15' To 20', Add	*1.77*	
		For Elevated Installation >20' To 25', Add	*2.21*	
		For Elevated Installation >25' To 30', Add	*3.09*	
		For Elevated Installation >30' To 35', Add	*3.54*	
		For Elevated Installation >35' To 40', Add	*4.42*	
		For Elevated Installation >40', Add	*4.86*	
		For Factory Applied Color Coating, Add	*1.73*	
26 05 33 13-0606	LF	2-1/2" Electrical Metallic Tubing (EMT) Conduit	19.01	4.20
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-1.16*	
		For >1,000, Deduct	*-1.64*	
		For Installation In Metal Stud Wall, Add	*1.05*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.63*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.58*	
		For Work In Restricted Working Space, Add	*3.15*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.10*	
		For Elevated Installation >20' To 25', Add	*2.63*	
		For Elevated Installation >25' To 30', Add	*3.68*	
		For Elevated Installation >30' To 35', Add	*4.20*	
		For Elevated Installation >35' To 40', Add	*5.25*	
		For Elevated Installation >40', Add	*5.78*	
		For Factory Applied Color Coating, Add	*2.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0607	LF	3" Electrical Metallic Tubing (EMT) Conduit	22.81	4.86
		For >250 To 500, Deduct	*-0.53*	
		For >500 To 1,000, Deduct	*-1.41*	
		For >1,000, Deduct	*-1.98*	
		For Installation In Metal Stud Wall, Add	*1.22*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.04*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.82*	
		For Work In Restricted Working Space, Add	*3.65*	
		For Elevated Installation >10' To 15', Add	*1.22*	
		For Elevated Installation >15' To 20', Add	*2.43*	
		For Elevated Installation >20' To 25', Add	*3.04*	
		For Elevated Installation >25' To 30', Add	*4.25*	
		For Elevated Installation >30' To 35', Add	*4.86*	
		For Elevated Installation >35' To 40', Add	*6.08*	
		For Elevated Installation >40', Add	*6.68*	
		For Factory Applied Color Coating, Add	*3.20*	
26 05 33 13-0608	LF	3-1/2" Electrical Metallic Tubing (EMT) Conduit	28.61	5.74
		For >250 To 500, Deduct	*-0.71*	
		For >500 To 1,000, Deduct	*-1.79*	
		For >1,000, Deduct	*-2.50*	
		For Installation In Metal Stud Wall, Add	*1.44*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.59*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.16*	
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.87*	
		For Elevated Installation >20' To 25', Add	*3.59*	
		For Elevated Installation >25' To 30', Add	*5.03*	
		For Elevated Installation >30' To 35', Add	*5.75*	
		For Elevated Installation >35' To 40', Add	*7.19*	
		For Elevated Installation >40', Add	*7.90*	
		For Factory Applied Color Coating, Add	*4.27*	
26 05 33 13-0609	LF	4" Electrical Metallic Tubing (EMT) Conduit	37.68	8.66
		For >250 To 500, Deduct	*-0.80*	
		For >500 To 1,000, Deduct	*-2.29*	
		For >1,000, Deduct	*-3.23*	
		For Installation In Metal Stud Wall, Add	*2.16*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.41*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.25*	
		For Work In Restricted Working Space, Add	*6.49*	
		For Elevated Installation >10' To 15', Add	*2.16*	
		For Elevated Installation >15' To 20', Add	*4.33*	
		For Elevated Installation >20' To 25', Add	*5.41*	
		For Elevated Installation >25' To 30', Add	*7.57*	
		For Elevated Installation >30' To 35', Add	*8.66*	
		For Elevated Installation >35' To 40', Add	*10.82*	
		For Elevated Installation >40', Add	*11.90*	
		For Factory Applied Color Coating, Add	*4.81*	

26 05 33 13-0610 Electrical Metallic Tubing (EMT) 90 Degree Elbows *(26 05 33 13-0598)*

See CSI section 26 05 33 13-2297 for conduit field bending.

26 05 33 13-0611 Electrical Metallic Tubing (EMT) Set Screw Couplings *(26 05 33 13-0598)*

26 05 33 13-0612	EA	1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	5.92	2.66
		For Work In Restricted Working Space, Add	*1.66*	
		For Elevated Installation >10' To 15', Add	*0.55*	
		For Elevated Installation >15' To 20', Add	*1.10*	
		For Elevated Installation >20' To 25', Add	*1.38*	
		For Elevated Installation >25' To 30', Add	*1.93*	
		For Elevated Installation >30' To 35', Add	*2.21*	
		For Elevated Installation >35' To 40', Add	*2.76*	
		For Elevated Installation >40', Add	*3.04*	
26 05 33 13-0613	EA	3/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	7.23	2.66
		For Work In Restricted Working Space, Add	*1.99*	
		For Elevated Installation >10' To 15', Add	*0.66*	
		For Elevated Installation >15' To 20', Add	*1.33*	
		For Elevated Installation >20' To 25', Add	*1.66*	
		For Elevated Installation >25' To 30', Add	*2.32*	
		For Elevated Installation >30' To 35', Add	*2.65*	
		For Elevated Installation >35' To 40', Add	*3.32*	
		For Elevated Installation >40', Add	*3.65*	
26 05 33 13-0614	EA	1" Electrical Metallic Tubing (EMT) Set Screw Coupling	8.64	3.10
		For Work In Restricted Working Space, Add	*2.32*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.55*	
		For Elevated Installation >20' To 25', Add	*1.93*	
		For Elevated Installation >25' To 30', Add	*2.71*	
		For Elevated Installation >30' To 35', Add	*3.09*	
		For Elevated Installation >35' To 40', Add	*3.87*	
		For Elevated Installation >40', Add	*4.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0615	EA	1-1/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	11.94	3.98
		For Work In Restricted Working Space, Add	*2.99*	
		For Elevated Installation >10' To 15', Add	*1.00*	
		For Elevated Installation >15' To 20', Add	*1.99*	
		For Elevated Installation >20' To 25', Add	*2.49*	
		For Elevated Installation >25' To 30', Add	*3.48*	
		For Elevated Installation >30' To 35', Add	*3.98*	
		For Elevated Installation >35' To 40', Add	*4.98*	
		For Elevated Installation >40', Add	*5.47*	
26 05 33 13-0616	EA	1-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	14.79	4.86
		For Work In Restricted Working Space, Add	*3.65*	
		For Elevated Installation >10' To 15', Add	*1.22*	
		For Elevated Installation >15' To 20', Add	*2.43*	
		For Elevated Installation >20' To 25', Add	*3.04*	
		For Elevated Installation >25' To 30', Add	*4.26*	
		For Elevated Installation >30' To 35', Add	*4.86*	
		For Elevated Installation >35' To 40', Add	*6.08*	
		For Elevated Installation >40', Add	*6.69*	
26 05 33 13-0617	EA	2" Electrical Metallic Tubing (EMT) Set Screw Coupling	20.07	6.63
		For Work In Restricted Working Space, Add	*4.97*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	
26 05 33 13-0618	EA	2-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	28.25	8.84
		For Work In Restricted Working Space, Add	*6.63*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.42*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.74*	
		For Elevated Installation >30' To 35', Add	*8.84*	
		For Elevated Installation >35' To 40', Add	*11.06*	
		For Elevated Installation >40', Add	*12.16*	
26 05 33 13-0619	EA	3" Electrical Metallic Tubing (EMT) Set Screw Coupling	37.16	10.17
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
26 05 33 13-0620	EA	3-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	40.70	11.05
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
26 05 33 13-0621	EA	4" Electrical Metallic Tubing (EMT) Set Screw Coupling	115.02	31.38
		For Work In Restricted Working Space, Add	*30.47*	
		For Elevated Installation >10' To 15', Add	*10.16*	
		For Elevated Installation >15' To 20', Add	*20.31*	
		For Elevated Installation >20' To 25', Add	*25.39*	
		For Elevated Installation >25' To 30', Add	*35.55*	
		For Elevated Installation >30' To 35', Add	*40.63*	
		For Elevated Installation >35' To 40', Add	*50.79*	
		For Elevated Installation >40', Add	*55.86*	

26 05 33 13-0622 Electrical Metallic Tubing (EMT) Compression Couplings *(26 05 33 13-0598)*

26 05 33 13-0623	EA	1/2 Electrical Metallic Tubing (EMT) Compression Coupling	7.64	2.66
		For Work In Restricted Working Space, Add	*1.99*	
		For Elevated Installation >10' To 15', Add	*0.66*	
		For Elevated Installation >15' To 20', Add	*1.33*	
		For Elevated Installation >20' To 25', Add	*1.66*	
		For Elevated Installation >25' To 30', Add	*2.32*	
		For Elevated Installation >30' To 35', Add	*2.65*	
		For Elevated Installation >35' To 40', Add	*3.32*	
		For Elevated Installation >40', Add	*3.65*	
26 05 33 13-0624	EA	3/4" Electrical Metallic Tubing (EMT) Compression Coupling	8.85	3.10
		For Work In Restricted Working Space, Add	*2.32*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.55*	
		For Elevated Installation >20' To 25', Add	*1.94*	
		For Elevated Installation >25' To 30', Add	*2.71*	
		For Elevated Installation >30' To 35', Add	*3.10*	
		For Elevated Installation >35' To 40', Add	*3.87*	
		For Elevated Installation >40', Add	*4.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0625	EA	1" Electrical Metallic Tubing (EMT) Compression Coupling	12.59	4.42
		For Work In Restricted Working Space, Add	*3.32*	
		For Elevated Installation >10' To 15', Add	*1.11*	
		For Elevated Installation >15' To 20', Add	*2.21*	
		For Elevated Installation >20' To 25', Add	*2.76*	
		For Elevated Installation >25' To 30', Add	*3.87*	
		For Elevated Installation >30' To 35', Add	*4.42*	
		For Elevated Installation >35' To 40', Add	*5.53*	
		For Elevated Installation >40', Add	*6.08*	
26 05 33 13-0626	EA	1-1/4" Electrical Metallic Tubing (EMT) Compression Coupling	16.48	5.30
		For Work In Restricted Working Space, Add	*3.98*	
		For Elevated Installation >10' To 15', Add	*1.33*	
		For Elevated Installation >15' To 20', Add	*2.65*	
		For Elevated Installation >20' To 25', Add	*3.32*	
		For Elevated Installation >25' To 30', Add	*4.64*	
		For Elevated Installation >30' To 35', Add	*5.30*	
		For Elevated Installation >35' To 40', Add	*6.63*	
		For Elevated Installation >40', Add	*7.29*	
26 05 33 13-0627	EA	1-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	20.00	6.19
		For Work In Restricted Working Space, Add	*4.64*	
		For Elevated Installation >10' To 15', Add	*1.55*	
		For Elevated Installation >15' To 20', Add	*3.09*	
		For Elevated Installation >20' To 25', Add	*3.87*	
		For Elevated Installation >25' To 30', Add	*5.41*	
		For Elevated Installation >30' To 35', Add	*6.19*	
		For Elevated Installation >35' To 40', Add	*7.74*	
		For Elevated Installation >40', Add	*8.51*	
26 05 33 13-0628	EA	2" Electrical Metallic Tubing (EMT) Compression Coupling	27.02	7.96
		For Work In Restricted Working Space, Add	*5.97*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.98*	
		For Elevated Installation >20' To 25', Add	*4.97*	
		For Elevated Installation >25' To 30', Add	*6.96*	
		For Elevated Installation >30' To 35', Add	*7.96*	
		For Elevated Installation >35' To 40', Add	*9.95*	
		For Elevated Installation >40', Add	*10.94*	
26 05 33 13-0629	EA	2-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	45.14	10.61
		For Work In Restricted Working Space, Add	*7.96*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.30*	
		For Elevated Installation >20' To 25', Add	*6.63*	
		For Elevated Installation >25' To 30', Add	*9.28*	
		For Elevated Installation >30' To 35', Add	*10.61*	
		For Elevated Installation >35' To 40', Add	*13.26*	
		For Elevated Installation >40', Add	*14.59*	
26 05 33 13-0630	EA	3" Electrical Metallic Tubing (EMT) Compression Coupling	52.10	12.37
		For Work In Restricted Working Space, Add	*9.28*	
		For Elevated Installation >10' To 15', Add	*3.09*	
		For Elevated Installation >15' To 20', Add	*6.19*	
		For Elevated Installation >20' To 25', Add	*7.74*	
		For Elevated Installation >25' To 30', Add	*10.83*	
		For Elevated Installation >30' To 35', Add	*12.38*	
		For Elevated Installation >35' To 40', Add	*15.47*	
		For Elevated Installation >40', Add	*17.02*	
26 05 33 13-0631	EA	3-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	65.15	15.47
		For Work In Restricted Working Space, Add	*11.60*	
		For Elevated Installation >10' To 15', Add	*3.87*	
		For Elevated Installation >15' To 20', Add	*7.74*	
		For Elevated Installation >20' To 25', Add	*9.67*	
		For Elevated Installation >25' To 30', Add	*13.54*	
		For Elevated Installation >30' To 35', Add	*15.47*	
		For Elevated Installation >35' To 40', Add	*19.34*	
		For Elevated Installation >40', Add	*21.27*	
26 05 33 13-0632	EA	4" Electrical Metallic Tubing (EMT) Compression Coupling	83.49	19.89
		For Work In Restricted Working Space, Add	*14.92*	
		For Elevated Installation >10' To 15', Add	*4.97*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.43*	
		For Elevated Installation >25' To 30', Add	*17.41*	
		For Elevated Installation >30' To 35', Add	*19.89*	
		For Elevated Installation >35' To 40', Add	*24.87*	
		For Elevated Installation >40', Add	*27.35*	

26 05 33 13-0633 Electrical Metallic Tubing (EMT) Raintight Compression Couplings *(26 05 33 13-0598)*

26 05 33 13-0634	EA	1/2 Electrical Metallic Tubing (EMT) Raintight Compression Coupling	9.09	2.66
		For Work In Restricted Working Space, Add	*1.99*	
		For Elevated Installation >10' To 15', Add	*0.66*	
		For Elevated Installation >15' To 20', Add	*1.33*	
		For Elevated Installation >20' To 25', Add	*1.66*	
		For Elevated Installation >25' To 30', Add	*2.32*	
		For Elevated Installation >30' To 35', Add	*2.65*	
		For Elevated Installation >35' To 40', Add	*3.32*	
		For Elevated Installation >40', Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0635	EA	3/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	10.43	3.10
		For Work In Restricted Working Space, Add	*2.32*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.55*	
		For Elevated Installation >20' To 25', Add	*1.94*	
		For Elevated Installation >25' To 30', Add	*2.71*	
		For Elevated Installation >30' To 35', Add	*3.10*	
		For Elevated Installation >35' To 40', Add	*3.87*	
		For Elevated Installation >40', Add	*4.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.32*	
26 05 33 13-0636	EA	1" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	15.61	4.42
		For Work In Restricted Working Space, Add	*3.32*	
		For Elevated Installation >10' To 15', Add	*1.11*	
		For Elevated Installation >15' To 20', Add	*2.21*	
		For Elevated Installation >20' To 25', Add	*2.76*	
		For Elevated Installation >25' To 30', Add	*3.87*	
		For Elevated Installation >30' To 35', Add	*4.42*	
		For Elevated Installation >35' To 40', Add	*5.53*	
		For Elevated Installation >40', Add	*6.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.32*	
26 05 33 13-0637	EA	1-1/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	20.14	5.30
		For Work In Restricted Working Space, Add	*3.98*	
		For Elevated Installation >10' To 15', Add	*1.33*	
		For Elevated Installation >15' To 20', Add	*2.65*	
		For Elevated Installation >20' To 25', Add	*3.32*	
		For Elevated Installation >25' To 30', Add	*4.64*	
		For Elevated Installation >30' To 35', Add	*5.30*	
		For Elevated Installation >35' To 40', Add	*6.63*	
		For Elevated Installation >40', Add	*7.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.98*	
26 05 33 13-0638	EA	1-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	26.51	6.19
		For Work In Restricted Working Space, Add	*4.64*	
		For Elevated Installation >10' To 15', Add	*1.55*	
		For Elevated Installation >15' To 20', Add	*3.09*	
		For Elevated Installation >20' To 25', Add	*3.87*	
		For Elevated Installation >25' To 30', Add	*5.41*	
		For Elevated Installation >30' To 35', Add	*6.19*	
		For Elevated Installation >35' To 40', Add	*7.74*	
		For Elevated Installation >40', Add	*8.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.64*	
26 05 33 13-0639	EA	2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	32.34	7.52
		For Work In Restricted Working Space, Add	*5.64*	
		For Elevated Installation >10' To 15', Add	*1.88*	
		For Elevated Installation >15' To 20', Add	*3.76*	
		For Elevated Installation >20' To 25', Add	*4.70*	
		For Elevated Installation >25' To 30', Add	*6.58*	
		For Elevated Installation >30' To 35', Add	*7.52*	
		For Elevated Installation >35' To 40', Add	*9.40*	
		For Elevated Installation >40', Add	*10.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.64*	
26 05 33 13-0640	EA	2-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	43.44	10.17
		For Work In Restricted Working Space, Add	*7.62*	
		For Elevated Installation >10' To 15', Add	*2.54*	
		For Elevated Installation >15' To 20', Add	*5.08*	
		For Elevated Installation >20' To 25', Add	*6.35*	
		For Elevated Installation >25' To 30', Add	*8.89*	
		For Elevated Installation >30' To 35', Add	*10.16*	
		For Elevated Installation >35' To 40', Add	*12.71*	
		For Elevated Installation >40', Add	*13.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.62*	
26 05 33 13-0641	EA	3" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	55.44	12.37
		For Work In Restricted Working Space, Add	*9.28*	
		For Elevated Installation >10' To 15', Add	*3.09*	
		For Elevated Installation >15' To 20', Add	*6.19*	
		For Elevated Installation >20' To 25', Add	*7.74*	
		For Elevated Installation >25' To 30', Add	*10.83*	
		For Elevated Installation >30' To 35', Add	*12.38*	
		For Elevated Installation >35' To 40', Add	*15.47*	
		For Elevated Installation >40', Add	*17.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-0642	EA	3-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	74.12	15.47
		For Work In Restricted Working Space, Add	*11.60*	
		For Elevated Installation >10' To 15', Add	*3.87*	
		For Elevated Installation >15' To 20', Add	*7.74*	
		For Elevated Installation >20' To 25', Add	*9.67*	
		For Elevated Installation >25' To 30', Add	*13.54*	
		For Elevated Installation >30' To 35', Add	*15.47*	
		For Elevated Installation >35' To 40', Add	*19.34*	
		For Elevated Installation >40', Add	*21.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0643	EA	4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	89.35	19.89
		For Work In Restricted Working Space, Add	*14.92*	
		For Elevated Installation >10' To 15', Add	*4.97*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.43*	
		For Elevated Installation >25' To 30', Add	*17.41*	
		For Elevated Installation >30' To 35', Add	*19.89*	
		For Elevated Installation >35' To 40', Add	*24.87*	
		For Elevated Installation >40', Add	*27.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.92*	
26 05 33 13-0644		Electrical Metallic Tubing (EMT) Insulated Bushing *(26 05 33 13-0598)*		
26 05 33 13-0645	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	7.54	2.99
		For Work In Restricted Working Space, Add	*2.22*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.59*	
		For Elevated Installation >30' To 35', Add	*2.96*	
		For Elevated Installation >35' To 40', Add	*3.70*	
		For Elevated Installation >40', Add	*4.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.22*	
26 05 33 13-0646	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Bushing	8.28	3.21
		For Work In Restricted Working Space, Add	*2.42*	
		For Elevated Installation >10' To 15', Add	*0.81*	
		For Elevated Installation >15' To 20', Add	*1.61*	
		For Elevated Installation >20' To 25', Add	*2.02*	
		For Elevated Installation >25' To 30', Add	*2.82*	
		For Elevated Installation >30' To 35', Add	*3.23*	
		For Elevated Installation >35' To 40', Add	*4.04*	
		For Elevated Installation >40', Add	*4.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.42*	
26 05 33 13-0647	EA	1" Electrical Metallic Tubing (EMT) Insulated Bushing	10.51	3.98
		For Work In Restricted Working Space, Add	*2.95*	
		For Elevated Installation >10' To 15', Add	*0.98*	
		For Elevated Installation >15' To 20', Add	*1.97*	
		For Elevated Installation >20' To 25', Add	*2.46*	
		For Elevated Installation >25' To 30', Add	*3.44*	
		For Elevated Installation >30' To 35', Add	*3.93*	
		For Elevated Installation >35' To 40', Add	*4.92*	
		For Elevated Installation >40', Add	*5.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.95*	
26 05 33 13-0648	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Bushing	13.44	5.08
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	
26 05 33 13-0649	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	16.02	5.85
		For Work In Restricted Working Space, Add	*4.41*	
		For Elevated Installation >10' To 15', Add	*1.47*	
		For Elevated Installation >15' To 20', Add	*2.94*	
		For Elevated Installation >20' To 25', Add	*3.68*	
		For Elevated Installation >25' To 30', Add	*5.15*	
		For Elevated Installation >30' To 35', Add	*5.88*	
		For Elevated Installation >35' To 40', Add	*7.35*	
		For Elevated Installation >40', Add	*8.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-0650	EA	2" Electrical Metallic Tubing (EMT) Insulated Bushing	19.89	7.07
		For Work In Restricted Working Space, Add	*5.30*	
		For Elevated Installation >10' To 15', Add	*1.77*	
		For Elevated Installation >15' To 20', Add	*3.54*	
		For Elevated Installation >20' To 25', Add	*4.42*	
		For Elevated Installation >25' To 30', Add	*6.19*	
		For Elevated Installation >30' To 35', Add	*7.07*	
		For Elevated Installation >35' To 40', Add	*8.84*	
		For Elevated Installation >40', Add	*9.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.30*	
26 05 33 13-0651	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	29.31	9.83
		For Work In Restricted Working Space, Add	*7.36*	
		For Elevated Installation >10' To 15', Add	*2.45*	
		For Elevated Installation >15' To 20', Add	*4.91*	
		For Elevated Installation >20' To 25', Add	*6.13*	
		For Elevated Installation >25' To 30', Add	*8.59*	
		For Elevated Installation >30' To 35', Add	*9.81*	
		For Elevated Installation >35' To 40', Add	*12.27*	
		For Elevated Installation >40', Add	*13.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0652	EA	3" Electrical Metallic Tubing (EMT) Insulated Bushing	38.79	13.04
		For Work In Restricted Working Space, Add	*9.81*	
		For Elevated Installation >10' To 15', Add	*3.27*	
		For Elevated Installation >15' To 20', Add	*6.54*	
		For Elevated Installation >20' To 25', Add	*8.18*	
		For Elevated Installation >25' To 30', Add	*11.45*	
		For Elevated Installation >30' To 35', Add	*13.08*	
		For Elevated Installation >35' To 40', Add	*16.36*	
		For Elevated Installation >40', Add	*17.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.81*	
26 05 33 13-0653	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	49.60	16.79
		For Work In Restricted Working Space, Add	*12.63*	
		For Elevated Installation >10' To 15', Add	*4.21*	
		For Elevated Installation >15' To 20', Add	*8.42*	
		For Elevated Installation >20' To 25', Add	*10.53*	
		For Elevated Installation >25' To 30', Add	*14.74*	
		For Elevated Installation >30' To 35', Add	*16.84*	
		For Elevated Installation >35' To 40', Add	*21.05*	
		For Elevated Installation >40', Add	*23.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.63*	
26 05 33 13-0654	EA	4" Electrical Metallic Tubing (EMT) Insulated Bushing	63.60	22.10
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	

26 05 33 13-0655 Electrical Metallic Tubing (EMT) Straight Box Connectors With Set Screw *(26 05 33 13-0598)*

26 05 33 13-0656	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	5.85	2.21
		For Work In Restricted Working Space, Add	*1.66*	
		For Elevated Installation >10' To 15', Add	*0.55*	
		For Elevated Installation >15' To 20', Add	*1.10*	
		For Elevated Installation >20' To 25', Add	*1.38*	
		For Elevated Installation >25' To 30', Add	*1.93*	
		For Elevated Installation >30' To 35', Add	*2.21*	
		For Elevated Installation >35' To 40', Add	*2.76*	
		For Elevated Installation >40', Add	*3.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.66*	
26 05 33 13-0657	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	7.15	2.66
		For Work In Restricted Working Space, Add	*1.99*	
		For Elevated Installation >10' To 15', Add	*0.66*	
		For Elevated Installation >15' To 20', Add	*1.33*	
		For Elevated Installation >20' To 25', Add	*1.66*	
		For Elevated Installation >25' To 30', Add	*2.32*	
		For Elevated Installation >30' To 35', Add	*2.65*	
		For Elevated Installation >35' To 40', Add	*3.32*	
		For Elevated Installation >40', Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.99*	
26 05 33 13-0658	EA	1" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	8.65	3.10
		For Work In Restricted Working Space, Add	*2.32*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.55*	
		For Elevated Installation >20' To 25', Add	*1.94*	
		For Elevated Installation >25' To 30', Add	*2.71*	
		For Elevated Installation >30' To 35', Add	*3.10*	
		For Elevated Installation >35' To 40', Add	*3.87*	
		For Elevated Installation >40', Add	*4.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.32*	
26 05 33 13-0659	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	12.73	4.42
		For Work In Restricted Working Space, Add	*3.32*	
		For Elevated Installation >10' To 15', Add	*1.11*	
		For Elevated Installation >15' To 20', Add	*2.21*	
		For Elevated Installation >20' To 25', Add	*2.76*	
		For Elevated Installation >25' To 30', Add	*3.87*	
		For Elevated Installation >30' To 35', Add	*4.42*	
		For Elevated Installation >35' To 40', Add	*5.53*	
		For Elevated Installation >40', Add	*6.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.32*	
26 05 33 13-0660	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	15.70	5.30
		For Work In Restricted Working Space, Add	*3.98*	
		For Elevated Installation >10' To 15', Add	*1.33*	
		For Elevated Installation >15' To 20', Add	*2.65*	
		For Elevated Installation >20' To 25', Add	*3.32*	
		For Elevated Installation >25' To 30', Add	*4.64*	
		For Elevated Installation >30' To 35', Add	*5.30*	
		For Elevated Installation >35' To 40', Add	*6.63*	
		For Elevated Installation >40', Add	*7.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0661	EA	2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	20.18	6.63
		For Work In Restricted Working Space, Add	*4.97*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0662	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	32.16	8.84
		For Work In Restricted Working Space, Add	*6.63*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.42*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.74*	
		For Elevated Installation >30' To 35', Add	*8.84*	
		For Elevated Installation >35' To 40', Add	*11.05*	
		For Elevated Installation >40', Add	*12.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.63*	
26 05 33 13-0663	EA	3" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	39.93	11.05
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-0664	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	46.97	13.26
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.95*	
26 05 33 13-0665	EA	4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	54.68	15.47
		For Work In Restricted Working Space, Add	*11.60*	
		For Elevated Installation >10' To 15', Add	*3.87*	
		For Elevated Installation >15' To 20', Add	*7.74*	
		For Elevated Installation >20' To 25', Add	*9.67*	
		For Elevated Installation >25' To 30', Add	*13.54*	
		For Elevated Installation >30' To 35', Add	*15.47*	
		For Elevated Installation >35' To 40', Add	*19.34*	
		For Elevated Installation >40', Add	*21.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.60*	

26 05 33 13-0666 Electrical Metallic Tubing (EMT) Insulated Straight Box Connectors With Set Screw *(26 05 33 13-0598)*

26 05 33 13-0667	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	7.94	2.99
		For Work In Restricted Working Space, Add	*2.22*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.59*	
		For Elevated Installation >30' To 35', Add	*2.96*	
		For Elevated Installation >35' To 40', Add	*3.70*	
		For Elevated Installation >40', Add	*4.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.22*	
26 05 33 13-0668	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	8.93	3.21
		For Work In Restricted Working Space, Add	*2.42*	
		For Elevated Installation >10' To 15', Add	*0.81*	
		For Elevated Installation >15' To 20', Add	*1.61*	
		For Elevated Installation >20' To 25', Add	*2.02*	
		For Elevated Installation >25' To 30', Add	*2.82*	
		For Elevated Installation >30' To 35', Add	*3.23*	
		For Elevated Installation >35' To 40', Add	*4.04*	
		For Elevated Installation >40', Add	*4.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.42*	
26 05 33 13-0669	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	11.36	3.98
		For Work In Restricted Working Space, Add	*2.95*	
		For Elevated Installation >10' To 15', Add	*0.98*	
		For Elevated Installation >15' To 20', Add	*1.97*	
		For Elevated Installation >20' To 25', Add	*2.46*	
		For Elevated Installation >25' To 30', Add	*3.44*	
		For Elevated Installation >30' To 35', Add	*3.93*	
		For Elevated Installation >35' To 40', Add	*4.92*	
		For Elevated Installation >40', Add	*5.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0670	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	15.15	5.08
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	
26 05 33 13-0671	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	18.09	5.85
		For Work In Restricted Working Space, Add	*4.41*	
		For Elevated Installation >10' To 15', Add	*1.47*	
		For Elevated Installation >15' To 20', Add	*2.94*	
		For Elevated Installation >20' To 25', Add	*3.68*	
		For Elevated Installation >25' To 30', Add	*5.15*	
		For Elevated Installation >30' To 35', Add	*5.88*	
		For Elevated Installation >35' To 40', Add	*7.35*	
		For Elevated Installation >40', Add	*8.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-0672	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	22.33	7.07
		For Work In Restricted Working Space, Add	*5.30*	
		For Elevated Installation >10' To 15', Add	*1.77*	
		For Elevated Installation >15' To 20', Add	*3.54*	
		For Elevated Installation >20' To 25', Add	*4.42*	
		For Elevated Installation >25' To 30', Add	*6.19*	
		For Elevated Installation >30' To 35', Add	*7.07*	
		For Elevated Installation >35' To 40', Add	*8.84*	
		For Elevated Installation >40', Add	*9.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.30*	
26 05 33 13-0673	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	39.76	9.83
		For Work In Restricted Working Space, Add	*7.36*	
		For Elevated Installation >10' To 15', Add	*2.45*	
		For Elevated Installation >15' To 20', Add	*4.91*	
		For Elevated Installation >20' To 25', Add	*6.13*	
		For Elevated Installation >25' To 30', Add	*8.59*	
		For Elevated Installation >30' To 35', Add	*9.81*	
		For Elevated Installation >35' To 40', Add	*12.27*	
		For Elevated Installation >40', Add	*13.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.36*	
26 05 33 13-0674	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	50.93	13.04
		For Work In Restricted Working Space, Add	*9.81*	
		For Elevated Installation >10' To 15', Add	*3.27*	
		For Elevated Installation >15' To 20', Add	*6.54*	
		For Elevated Installation >20' To 25', Add	*8.18*	
		For Elevated Installation >25' To 30', Add	*11.45*	
		For Elevated Installation >30' To 35', Add	*13.08*	
		For Elevated Installation >35' To 40', Add	*16.36*	
		For Elevated Installation >40', Add	*17.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.81*	
26 05 33 13-0675	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	64.87	16.79
		For Work In Restricted Working Space, Add	*12.63*	
		For Elevated Installation >10' To 15', Add	*4.21*	
		For Elevated Installation >15' To 20', Add	*8.42*	
		For Elevated Installation >20' To 25', Add	*10.53*	
		For Elevated Installation >25' To 30', Add	*14.74*	
		For Elevated Installation >30' To 35', Add	*16.84*	
		For Elevated Installation >35' To 40', Add	*21.05*	
		For Elevated Installation >40', Add	*23.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.63*	
26 05 33 13-0676	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	80.31	22.10
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	

26 05 33 13-0677 Electrical Metallic Tubing (EMT) Straight Box Compression Connectors *(26 05 33 13-0598)*

26 05 33 13-0678	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	7.15	2.66
		For Work In Restricted Working Space, Add	*1.99*	
		For Elevated Installation >10' To 15', Add	*0.66*	
		For Elevated Installation >15' To 20', Add	*1.33*	
		For Elevated Installation >20' To 25', Add	*1.66*	
		For Elevated Installation >25' To 30', Add	*2.32*	
		For Elevated Installation >30' To 35', Add	*2.65*	
		For Elevated Installation >35' To 40', Add	*3.32*	
		For Elevated Installation >40', Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0679	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	8.53	3.10
		For Work In Restricted Working Space, Add	*2.32*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.55*	
		For Elevated Installation >20' To 25', Add	*1.94*	
		For Elevated Installation >25' To 30', Add	*2.71*	
		For Elevated Installation >30' To 35', Add	*3.10*	
		For Elevated Installation >35' To 40', Add	*3.87*	
		For Elevated Installation >40', Add	*4.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.32*	
26 05 33 13-0680	EA	1" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	12.17	4.42
		For Work In Restricted Working Space, Add	*3.32*	
		For Elevated Installation >10' To 15', Add	*1.11*	
		For Elevated Installation >15' To 20', Add	*2.21*	
		For Elevated Installation >20' To 25', Add	*2.76*	
		For Elevated Installation >25' To 30', Add	*3.87*	
		For Elevated Installation >30' To 35', Add	*4.42*	
		For Elevated Installation >35' To 40', Add	*5.53*	
		For Elevated Installation >40', Add	*6.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.32*	
26 05 33 13-0681	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	15.38	5.30
		For Work In Restricted Working Space, Add	*3.98*	
		For Elevated Installation >10' To 15', Add	*1.33*	
		For Elevated Installation >15' To 20', Add	*2.65*	
		For Elevated Installation >20' To 25', Add	*3.32*	
		For Elevated Installation >25' To 30', Add	*4.64*	
		For Elevated Installation >30' To 35', Add	*5.30*	
		For Elevated Installation >35' To 40', Add	*6.63*	
		For Elevated Installation >40', Add	*7.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.98*	
26 05 33 13-0682	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	18.45	6.19
		For Work In Restricted Working Space, Add	*4.64*	
		For Elevated Installation >10' To 15', Add	*1.55*	
		For Elevated Installation >15' To 20', Add	*3.09*	
		For Elevated Installation >20' To 25', Add	*3.87*	
		For Elevated Installation >25' To 30', Add	*5.41*	
		For Elevated Installation >30' To 35', Add	*6.19*	
		For Elevated Installation >35' To 40', Add	*7.74*	
		For Elevated Installation >40', Add	*8.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.64*	
26 05 33 13-0683	EA	2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	24.21	7.96
		For Work In Restricted Working Space, Add	*5.97*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.98*	
		For Elevated Installation >20' To 25', Add	*4.97*	
		For Elevated Installation >25' To 30', Add	*6.96*	
		For Elevated Installation >30' To 35', Add	*7.96*	
		For Elevated Installation >35' To 40', Add	*9.95*	
		For Elevated Installation >40', Add	*10.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.97*	
26 05 33 13-0684	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	39.54	10.61
		For Work In Restricted Working Space, Add	*7.96*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.30*	
		For Elevated Installation >20' To 25', Add	*6.63*	
		For Elevated Installation >25' To 30', Add	*9.28*	
		For Elevated Installation >30' To 35', Add	*10.61*	
		For Elevated Installation >35' To 40', Add	*13.26*	
		For Elevated Installation >40', Add	*14.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.96*	
26 05 33 13-0685	EA	3" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	50.18	13.26
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.95*	
26 05 33 13-0686	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	64.93	15.47
		For Work In Restricted Working Space, Add	*11.60*	
		For Elevated Installation >10' To 15', Add	*3.87*	
		For Elevated Installation >15' To 20', Add	*7.74*	
		For Elevated Installation >20' To 25', Add	*9.67*	
		For Elevated Installation >25' To 30', Add	*13.54*	
		For Elevated Installation >30' To 35', Add	*15.47*	
		For Elevated Installation >35' To 40', Add	*19.34*	
		For Elevated Installation >40', Add	*21.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0687	EA	4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	72.67	17.68
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.10*	
		For Elevated Installation >40', Add	*24.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.26*	

26 05 33 13-0688 Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connectors *(26 05 33 13-0598)*

26 05 33 13-0689	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	8.29	2.99
		For Work In Restricted Working Space, Add	*2.22*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.59*	
		For Elevated Installation >30' To 35', Add	*2.96*	
		For Elevated Installation >35' To 40', Add	*3.70*	
		For Elevated Installation >40', Add	*4.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.22*	
26 05 33 13-0690	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	9.31	3.21
		For Work In Restricted Working Space, Add	*2.42*	
		For Elevated Installation >10' To 15', Add	*0.81*	
		For Elevated Installation >15' To 20', Add	*1.61*	
		For Elevated Installation >20' To 25', Add	*2.02*	
		For Elevated Installation >25' To 30', Add	*2.82*	
		For Elevated Installation >30' To 35', Add	*3.23*	
		For Elevated Installation >35' To 40', Add	*4.04*	
		For Elevated Installation >40', Add	*4.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.42*	
26 05 33 13-0691	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	11.68	3.98
		For Work In Restricted Working Space, Add	*2.95*	
		For Elevated Installation >10' To 15', Add	*0.98*	
		For Elevated Installation >15' To 20', Add	*1.97*	
		For Elevated Installation >20' To 25', Add	*2.46*	
		For Elevated Installation >25' To 30', Add	*3.44*	
		For Elevated Installation >30' To 35', Add	*3.93*	
		For Elevated Installation >35' To 40', Add	*4.92*	
		For Elevated Installation >40', Add	*5.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.95*	
26 05 33 13-0692	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	16.04	5.08
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	
26 05 33 13-0693	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	19.57	5.85
		For Work In Restricted Working Space, Add	*4.41*	
		For Elevated Installation >10' To 15', Add	*1.47*	
		For Elevated Installation >15' To 20', Add	*2.94*	
		For Elevated Installation >20' To 25', Add	*3.68*	
		For Elevated Installation >25' To 30', Add	*5.15*	
		For Elevated Installation >30' To 35', Add	*5.88*	
		For Elevated Installation >35' To 40', Add	*7.35*	
		For Elevated Installation >40', Add	*8.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.41*	
26 05 33 13-0694	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	24.49	7.07
		For Work In Restricted Working Space, Add	*5.30*	
		For Elevated Installation >10' To 15', Add	*1.77*	
		For Elevated Installation >15' To 20', Add	*3.54*	
		For Elevated Installation >20' To 25', Add	*4.42*	
		For Elevated Installation >25' To 30', Add	*6.19*	
		For Elevated Installation >30' To 35', Add	*7.07*	
		For Elevated Installation >35' To 40', Add	*8.84*	
		For Elevated Installation >40', Add	*9.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.30*	
26 05 33 13-0695	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	47.62	9.83
		For Work In Restricted Working Space, Add	*7.36*	
		For Elevated Installation >10' To 15', Add	*2.45*	
		For Elevated Installation >15' To 20', Add	*4.91*	
		For Elevated Installation >20' To 25', Add	*6.13*	
		For Elevated Installation >25' To 30', Add	*8.59*	
		For Elevated Installation >30' To 35', Add	*9.81*	
		For Elevated Installation >35' To 40', Add	*12.27*	
		For Elevated Installation >40', Add	*13.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0696	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	64.12	13.04
		For Work In Restricted Working Space, Add	*9.81*	
		For Elevated Installation >10' To 15', Add	*3.27*	
		For Elevated Installation >15' To 20', Add	*6.54*	
		For Elevated Installation >20' To 25', Add	*8.18*	
		For Elevated Installation >25' To 30', Add	*11.45*	
		For Elevated Installation >30' To 35', Add	*13.08*	
		For Elevated Installation >35' To 40', Add	*16.36*	
		For Elevated Installation >40', Add	*17.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.81*	
26 05 33 13-0697	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	88.01	16.79
		For Work In Restricted Working Space, Add	*12.63*	
		For Elevated Installation >10' To 15', Add	*4.21*	
		For Elevated Installation >15' To 20', Add	*8.42*	
		For Elevated Installation >20' To 25', Add	*10.53*	
		For Elevated Installation >25' To 30', Add	*14.74*	
		For Elevated Installation >30' To 35', Add	*16.84*	
		For Elevated Installation >35' To 40', Add	*21.05*	
		For Elevated Installation >40', Add	*23.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.63*	
26 05 33 13-0698	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	108.94	22.10
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	

26 05 33 13-0699 Electrical Metallic Tubing (EMT) Expansion Coupling *(26 05 33 13-0598)*

Note: Excludes jumper.

26 05 33 13-0700	EA	1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	73.19	14.70
		For Work In Restricted Working Space, Add	*11.03*	
		For Elevated Installation >10' To 15', Add	*3.68*	
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Elevated Installation >20' To 25', Add	*9.19*	
		For Elevated Installation >25' To 30', Add	*12.87*	
		For Elevated Installation >30' To 35', Add	*14.71*	
		For Elevated Installation >35' To 40', Add	*18.39*	
		For Elevated Installation >40', Add	*20.22*	
26 05 33 13-0701	EA	3/4" Electrical Metallic Tubing (EMT) Expansion Coupling	88.02	17.80
		For Work In Restricted Working Space, Add	*13.37*	
		For Elevated Installation >10' To 15', Add	*4.46*	
		For Elevated Installation >15' To 20', Add	*8.92*	
		For Elevated Installation >20' To 25', Add	*11.15*	
		For Elevated Installation >25' To 30', Add	*15.60*	
		For Elevated Installation >30' To 35', Add	*17.83*	
		For Elevated Installation >35' To 40', Add	*22.29*	
		For Elevated Installation >40', Add	*24.52*	
26 05 33 13-0702	EA	1" Electrical Metallic Tubing (EMT) Expansion Coupling	107.58	22.32
		For Work In Restricted Working Space, Add	*16.72*	
		For Elevated Installation >10' To 15', Add	*5.57*	
		For Elevated Installation >15' To 20', Add	*11.14*	
		For Elevated Installation >20' To 25', Add	*13.93*	
		For Elevated Installation >25' To 30', Add	*19.50*	
		For Elevated Installation >30' To 35', Add	*22.29*	
		For Elevated Installation >35' To 40', Add	*27.86*	
		For Elevated Installation >40', Add	*30.65*	
26 05 33 13-0703	EA	1-1/4" Electrical Metallic Tubing (EMT) Expansion Coupling	141.20	27.41
		For Work In Restricted Working Space, Add	*20.57*	
		For Elevated Installation >10' To 15', Add	*6.86*	
		For Elevated Installation >15' To 20', Add	*13.71*	
		For Elevated Installation >20' To 25', Add	*17.14*	
		For Elevated Installation >25' To 30', Add	*23.99*	
		For Elevated Installation >30' To 35', Add	*27.42*	
		For Elevated Installation >35' To 40', Add	*34.28*	
		For Elevated Installation >40', Add	*37.70*	
26 05 33 13-0704	EA	1-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	178.30	32.15
		For Work In Restricted Working Space, Add	*24.12*	
		For Elevated Installation >10' To 15', Add	*8.04*	
		For Elevated Installation >15' To 20', Add	*16.08*	
		For Elevated Installation >20' To 25', Add	*20.10*	
		For Elevated Installation >25' To 30', Add	*28.14*	
		For Elevated Installation >30' To 35', Add	*32.16*	
		For Elevated Installation >35' To 40', Add	*40.20*	
		For Elevated Installation >40', Add	*44.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0705	EA	2" Electrical Metallic Tubing (EMT) Expansion Coupling	225.21	39.12
		For Work In Restricted Working Space, Add	*29.37*	
		For Elevated Installation >10' To 15', Add	*9.79*	
		For Elevated Installation >15' To 20', Add	*19.58*	
		For Elevated Installation >20' To 25', Add	*24.47*	
		For Elevated Installation >25' To 30', Add	*34.26*	
		For Elevated Installation >30' To 35', Add	*39.16*	
		For Elevated Installation >35' To 40', Add	*48.95*	
		For Elevated Installation >40', Add	*53.84*	
26 05 33 13-0706	EA	2-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	466.54	50.28
		For Work In Restricted Working Space, Add	*37.72*	
		For Elevated Installation >10' To 15', Add	*12.57*	
		For Elevated Installation >15' To 20', Add	*25.15*	
		For Elevated Installation >20' To 25', Add	*31.43*	
		For Elevated Installation >25' To 30', Add	*44.01*	
		For Elevated Installation >30' To 35', Add	*50.29*	
		For Elevated Installation >35' To 40', Add	*62.87*	
		For Elevated Installation >40', Add	*69.15*	
26 05 33 13-0707	EA	3" Electrical Metallic Tubing (EMT) Expansion Coupling	574.66	58.79
		For Work In Restricted Working Space, Add	*44.10*	
		For Elevated Installation >10' To 15', Add	*14.70*	
		For Elevated Installation >15' To 20', Add	*29.40*	
		For Elevated Installation >20' To 25', Add	*36.75*	
		For Elevated Installation >25' To 30', Add	*51.45*	
		For Elevated Installation >30' To 35', Add	*58.80*	
		For Elevated Installation >35' To 40', Add	*73.51*	
		For Elevated Installation >40', Add	*80.86*	
26 05 33 13-0708	EA	3-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	717.92	64.09
		For Work In Restricted Working Space, Add	*48.08*	
		For Elevated Installation >10' To 15', Add	*16.03*	
		For Elevated Installation >15' To 20', Add	*32.06*	
		For Elevated Installation >20' To 25', Add	*40.07*	
		For Elevated Installation >25' To 30', Add	*56.10*	
		For Elevated Installation >30' To 35', Add	*64.11*	
		For Elevated Installation >35' To 40', Add	*80.14*	
		For Elevated Installation >40', Add	*88.15*	
26 05 33 13-0709	EA	4" Electrical Metallic Tubing (EMT) Expansion Coupling	775.02	70.72
		For Work In Restricted Working Space, Add	*53.06*	
		For Elevated Installation >10' To 15', Add	*17.69*	
		For Elevated Installation >15' To 20', Add	*35.37*	
		For Elevated Installation >20' To 25', Add	*44.22*	
		For Elevated Installation >25' To 30', Add	*61.90*	
		For Elevated Installation >30' To 35', Add	*70.74*	
		For Elevated Installation >35' To 40', Add	*88.43*	
		For Elevated Installation >40', Add	*97.27*	

26 05 33 13-0710 Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapters

(26 05 33 13-0598)

26 05 33 13-0711	EA	1/2" To 3/8" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	12.01	3.98
		For Work In Restricted Working Space, Add	*2.94*	
		For Elevated Installation >10' To 15', Add	*0.98*	
		For Elevated Installation >15' To 20', Add	*1.96*	
		For Elevated Installation >20' To 25', Add	*2.45*	
		For Elevated Installation >25' To 30', Add	*3.43*	
		For Elevated Installation >30' To 35', Add	*3.92*	
		For Elevated Installation >35' To 40', Add	*4.91*	
		For Elevated Installation >40', Add	*5.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-0712	EA	1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	13.19	3.98
		For Work In Restricted Working Space, Add	*2.94*	
		For Elevated Installation >10' To 15', Add	*0.98*	
		For Elevated Installation >15' To 20', Add	*1.96*	
		For Elevated Installation >20' To 25', Add	*2.45*	
		For Elevated Installation >25' To 30', Add	*3.43*	
		For Elevated Installation >30' To 35', Add	*3.92*	
		For Elevated Installation >35' To 40', Add	*4.91*	
		For Elevated Installation >40', Add	*5.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.94*	
26 05 33 13-0713	EA	3/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	14.80	4.31
		For Work In Restricted Working Space, Add	*3.27*	
		For Elevated Installation >10' To 15', Add	*1.09*	
		For Elevated Installation >15' To 20', Add	*2.18*	
		For Elevated Installation >20' To 25', Add	*2.73*	
		For Elevated Installation >25' To 30', Add	*3.82*	
		For Elevated Installation >30' To 35', Add	*4.36*	
		For Elevated Installation >35' To 40', Add	*5.46*	
		For Elevated Installation >40', Add	*6.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0714	EA	1" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	17.40	4.97
		For Work In Restricted Working Space, Add	*3.72*	
		For Elevated Installation >10' To 15', Add	*1.24*	
		For Elevated Installation >15' To 20', Add	*2.48*	
		For Elevated Installation >20' To 25', Add	*3.10*	
		For Elevated Installation >25' To 30', Add	*4.34*	
		For Elevated Installation >30' To 35', Add	*4.96*	
		For Elevated Installation >35' To 40', Add	*6.21*	
		For Elevated Installation >40', Add	*6.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.72*	
26 05 33 13-0715	EA	1-1/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	26.31	5.97
		For Work In Restricted Working Space, Add	*4.50*	
		For Elevated Installation >10' To 15', Add	*1.50*	
		For Elevated Installation >15' To 20', Add	*3.00*	
		For Elevated Installation >20' To 25', Add	*3.75*	
		For Elevated Installation >25' To 30', Add	*5.25*	
		For Elevated Installation >30' To 35', Add	*6.00*	
		For Elevated Installation >35' To 40', Add	*7.51*	
		For Elevated Installation >40', Add	*8.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.50*	
26 05 33 13-0716	EA	1-1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	32.88	6.85
		For Work In Restricted Working Space, Add	*5.15*	
		For Elevated Installation >10' To 15', Add	*1.72*	
		For Elevated Installation >15' To 20', Add	*3.43*	
		For Elevated Installation >20' To 25', Add	*4.29*	
		For Elevated Installation >25' To 30', Add	*6.00*	
		For Elevated Installation >30' To 35', Add	*6.86*	
		For Elevated Installation >35' To 40', Add	*8.58*	
		For Elevated Installation >40', Add	*9.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.15*	
26 05 33 13-0717	EA	2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	43.37	8.62
		For Work In Restricted Working Space, Add	*6.43*	
		For Elevated Installation >10' To 15', Add	*2.14*	
		For Elevated Installation >15' To 20', Add	*4.29*	
		For Elevated Installation >20' To 25', Add	*5.36*	
		For Elevated Installation >25' To 30', Add	*7.50*	
		For Elevated Installation >30' To 35', Add	*8.57*	
		For Elevated Installation >35' To 40', Add	*10.72*	
		For Elevated Installation >40', Add	*11.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.43*	
26 05 33 13-0718		**Electrical Metallic Tubing (EMT) Pulling Elbows** *(26 05 33 13-0598)*		
26 05 33 13-0719	EA	1/2" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	25.60	9.95
		For Work In Restricted Working Space, Add	*5.97*	
		For Elevated Installation >15' To 20', Add	*3.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.97*	
26 05 33 13-0720	EA	3/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	29.83	11.60
		For Work In Restricted Working Space, Add	*6.96*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.96*	
26 05 33 13-0721	EA	1" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	38.35	13.26
		For Work In Restricted Working Space, Add	*7.96*	
		For Elevated Installation >15' To 20', Add	*5.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.96*	
26 05 33 13-0722	EA	1-1/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	49.42	16.57
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.95*	
26 05 33 13-0723		**Intermediate Metal Conduit (IMC)** *(26 05 33 13-0058)*		
		Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-0724		**Intermediate Metal Conduit (IMC) Conduit** *(26 05 33 13-0723)*		
		Note: Includes field bending conduit up to 1".		
26 05 33 13-0725	LF	1/2" Intermediate Metal Conduit (IMC) Conduit	8.20	2.21
		For >250 To 500, Deduct	*-0.12*	
		For >500 To 1,000, Deduct	*-0.18*	
		For >1,000, Deduct	*-0.25*	
		For Installation In Metal Stud Wall, Add	*0.57*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.44*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.86*	
		For Work In Restricted Working Space, Add	*1.72*	
		For Elevated Installation >10' To 15', Add	*0.57*	
		For Elevated Installation >15' To 20', Add	*1.15*	
		For Elevated Installation >20' To 25', Add	*1.44*	
		For Elevated Installation >25' To 30', Add	*2.01*	
		For Elevated Installation >30' To 35', Add	*2.30*	
		For Elevated Installation >35' To 40', Add	*2.87*	
		For Elevated Installation >40', Add	*3.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0726	LF	3/4" Intermediate Metal Conduit (IMC) Conduit	9.78	2.43
		For >250 To 500, Deduct	*-0.15*	
		For >500 To 1,000, Deduct	*-0.22*	
		For >1,000, Deduct	*-0.29*	
		For Installation In Metal Stud Wall, Add	*0.69*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.71*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.03*	
		For Work In Restricted Working Space, Add	*2.06*	
		For Elevated Installation >10' To 15', Add	*0.69*	
		For Elevated Installation >15' To 20', Add	*1.37*	
		For Elevated Installation >20' To 25', Add	*1.71*	
		For Elevated Installation >25' To 30', Add	*2.40*	
		For Elevated Installation >30' To 35', Add	*2.74*	
		For Elevated Installation >35' To 40', Add	*3.43*	
		For Elevated Installation >40', Add	*3.77*	
26 05 33 13-0727	LF	1" Intermediate Metal Conduit (IMC) Conduit	13.14	2.66
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.34*	
		For >1,000, Deduct	*-0.45*	
		For Installation In Metal Stud Wall, Add	*0.86*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.16*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.29*	
		For Work In Restricted Working Space, Add	*2.59*	
		For Elevated Installation >10' To 15', Add	*0.86*	
		For Elevated Installation >15' To 20', Add	*1.72*	
		For Elevated Installation >20' To 25', Add	*2.16*	
		For Elevated Installation >25' To 30', Add	*3.02*	
		For Elevated Installation >30' To 35', Add	*3.45*	
		For Elevated Installation >35' To 40', Add	*4.31*	
		For Elevated Installation >40', Add	*4.74*	
26 05 33 13-0728	LF	1-1/4" Intermediate Metal Conduit (IMC) Conduit	15.23	5.30
		For >250 To 500, Deduct	*-0.29*	
		For >500 To 1,000, Deduct	*-0.43*	
		For >1,000, Deduct	*-0.57*	
		For Installation In Metal Stud Wall, Add	*0.95*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.38*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.43*	
		For Work In Restricted Working Space, Add	*2.85*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.90*	
		For Elevated Installation >20' To 25', Add	*2.38*	
		For Elevated Installation >25' To 30', Add	*3.33*	
		For Elevated Installation >30' To 35', Add	*3.80*	
		For Elevated Installation >35' To 40', Add	*4.75*	
		For Elevated Installation >40', Add	*5.23*	
26 05 33 13-0729	LF	1-1/2" Intermediate Metal Conduit (IMC) Conduit	17.15	3.54
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-0.51*	
		For >1,000, Deduct	*-0.68*	
		For Installation In Metal Stud Wall, Add	*1.04*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.60*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.56*	
		For Work In Restricted Working Space, Add	*3.12*	
		For Elevated Installation >10' To 15', Add	*1.04*	
		For Elevated Installation >15' To 20', Add	*2.08*	
		For Elevated Installation >20' To 25', Add	*2.60*	
		For Elevated Installation >25' To 30', Add	*3.64*	
		For Elevated Installation >30' To 35', Add	*4.16*	
		For Elevated Installation >35' To 40', Add	*5.20*	
		For Elevated Installation >40', Add	*5.71*	
26 05 33 13-0730	LF	2" Intermediate Metal Conduit (IMC) Conduit	21.78	3.98
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.69*	
		For >1,000, Deduct	*-0.92*	
		For Installation In Metal Stud Wall, Add	*1.26*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.15*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.89*	
		For Work In Restricted Working Space, Add	*3.78*	
		For Elevated Installation >10' To 15', Add	*1.26*	
		For Elevated Installation >15' To 20', Add	*2.52*	
		For Elevated Installation >20' To 25', Add	*3.15*	
		For Elevated Installation >25' To 30', Add	*4.41*	
		For Elevated Installation >30' To 35', Add	*5.04*	
		For Elevated Installation >35' To 40', Add	*6.30*	
		For Elevated Installation >40', Add	*6.93*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0731		LF	2-1/2" Intermediate Metal Conduit (IMC) Conduit	37.01	5.30
			For >250 To 500, Deduct	*-1.02*	
			For >500 To 1,000, Deduct	*-1.52*	
			For >1,000, Deduct	*-2.03*	
			For Installation In Metal Stud Wall, Add	*1.67*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*4.17*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.50*	
			For Work In Restricted Working Space, Add	*5.00*	
			For Elevated Installation >10' To 15', Add	*1.67*	
			For Elevated Installation >15' To 20', Add	*3.34*	
			For Elevated Installation >20' To 25', Add	*4.17*	
			For Elevated Installation >25' To 30', Add	*5.84*	
			For Elevated Installation >30' To 35', Add	*6.67*	
			For Elevated Installation >35' To 40', Add	*8.34*	
			For Elevated Installation >40', Add	*9.17*	
26 05 33 13-0732		LF	3" Intermediate Metal Conduit (IMC) Conduit	47.13	6.63
			For >250 To 500, Deduct	*-1.25*	
			For >500 To 1,000, Deduct	*-1.88*	
			For >1,000, Deduct	*-2.50*	
			For Installation In Metal Stud Wall, Add	*2.21*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*5.53*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.32*	
			For Work In Restricted Working Space, Add	*6.63*	
			For Elevated Installation >10' To 15', Add	*2.21*	
			For Elevated Installation >15' To 20', Add	*4.42*	
			For Elevated Installation >20' To 25', Add	*5.53*	
			For Elevated Installation >25' To 30', Add	*7.74*	
			For Elevated Installation >30' To 35', Add	*8.84*	
			For Elevated Installation >35' To 40', Add	*11.05*	
			For Elevated Installation >40', Add	*12.16*	
26 05 33 13-0733		LF	3-1/2" Intermediate Metal Conduit (IMC) Conduit	54.29	7.96
			For >250 To 500, Deduct	*-1.45*	
			For >500 To 1,000, Deduct	*-2.17*	
			For >1,000, Deduct	*-2.90*	
			For Installation In Metal Stud Wall, Add	*2.53*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*6.33*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.80*	
			For Work In Restricted Working Space, Add	*7.59*	
			For Elevated Installation >10' To 15', Add	*2.53*	
			For Elevated Installation >15' To 20', Add	*5.06*	
			For Elevated Installation >20' To 25', Add	*6.33*	
			For Elevated Installation >25' To 30', Add	*8.86*	
			For Elevated Installation >30' To 35', Add	*10.12*	
			For Elevated Installation >35' To 40', Add	*12.65*	
			For Elevated Installation >40', Add	*13.92*	
26 05 33 13-0734		LF	4" Intermediate Metal Conduit (IMC) Conduit	63.63	9.28
			For >250 To 500, Deduct	*-1.71*	
			For >500 To 1,000, Deduct	*-2.56*	
			For >1,000, Deduct	*-3.41*	
			For Installation In Metal Stud Wall, Add	*2.95*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*7.38*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.43*	
			For Work In Restricted Working Space, Add	*8.85*	
			For Elevated Installation >10' To 15', Add	*2.95*	
			For Elevated Installation >15' To 20', Add	*5.90*	
			For Elevated Installation >20' To 25', Add	*7.38*	
			For Elevated Installation >25' To 30', Add	*10.33*	
			For Elevated Installation >30' To 35', Add	*11.80*	
			For Elevated Installation >35' To 40', Add	*14.76*	
			For Elevated Installation >40', Add	*16.23*	
26 05 33 13-0735			Intermediate Metal Conduit (IMC) 90 Degree Elbows *(26 05 33 13-0723)*		
			See CSI section 26 05 33 13-2297 for conduit field bending.		
26 05 33 13-0736		EA	1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	39.53	10.94
			For Work In Restricted Working Space, Add	*8.23*	
			For Elevated Installation >10' To 15', Add	*2.74*	
			For Elevated Installation >15' To 20', Add	*5.49*	
			For Elevated Installation >20' To 25', Add	*6.86*	
			For Elevated Installation >25' To 30', Add	*9.60*	
			For Elevated Installation >30' To 35', Add	*10.98*	
			For Elevated Installation >35' To 40', Add	*13.72*	
			For Elevated Installation >40', Add	*15.09*	
26 05 33 13-0737		EA	3/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	47.69	13.59
			For Work In Restricted Working Space, Add	*10.24*	
			For Elevated Installation >10' To 15', Add	*3.41*	
			For Elevated Installation >15' To 20', Add	*6.82*	
			For Elevated Installation >20' To 25', Add	*8.53*	
			For Elevated Installation >25' To 30', Add	*11.94*	
			For Elevated Installation >30' To 35', Add	*13.65*	
			For Elevated Installation >35' To 40', Add	*17.06*	
			For Elevated Installation >40', Add	*18.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0738	EA	1" Intermediate Metal Conduit (IMC) 90 Degree Elbow	60.89	16.68
		For Work In Restricted Working Space, Add	*12.48*	
		For Elevated Installation >10' To 15', Add	*4.16*	
		For Elevated Installation >15' To 20', Add	*8.32*	
		For Elevated Installation >20' To 25', Add	*10.40*	
		For Elevated Installation >25' To 30', Add	*14.56*	
		For Elevated Installation >30' To 35', Add	*16.64*	
		For Elevated Installation >35' To 40', Add	*20.80*	
		For Elevated Installation >40', Add	*22.88*	
26 05 33 13-0739	EA	1-1/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	75.34	19.34
		For Work In Restricted Working Space, Add	*14.49*	
		For Elevated Installation >10' To 15', Add	*4.83*	
		For Elevated Installation >15' To 20', Add	*9.66*	
		For Elevated Installation >20' To 25', Add	*12.08*	
		For Elevated Installation >25' To 30', Add	*16.91*	
		For Elevated Installation >30' To 35', Add	*19.32*	
		For Elevated Installation >35' To 40', Add	*24.15*	
		For Elevated Installation >40', Add	*26.57*	
26 05 33 13-0740	EA	1-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	89.64	22.21
		For Work In Restricted Working Space, Add	*16.63*	
		For Elevated Installation >10' To 15', Add	*5.54*	
		For Elevated Installation >15' To 20', Add	*11.09*	
		For Elevated Installation >20' To 25', Add	*13.86*	
		For Elevated Installation >25' To 30', Add	*19.40*	
		For Elevated Installation >30' To 35', Add	*22.18*	
		For Elevated Installation >35' To 40', Add	*27.72*	
		For Elevated Installation >40', Add	*30.49*	
26 05 33 13-0741	EA	2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	110.22	24.42
		For Work In Restricted Working Space, Add	*18.30*	
		For Elevated Installation >10' To 15', Add	*6.10*	
		For Elevated Installation >15' To 20', Add	*12.20*	
		For Elevated Installation >20' To 25', Add	*15.25*	
		For Elevated Installation >25' To 30', Add	*21.35*	
		For Elevated Installation >30' To 35', Add	*24.40*	
		For Elevated Installation >35' To 40', Add	*30.50*	
		For Elevated Installation >40', Add	*33.54*	
26 05 33 13-0742	EA	2-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	159.83	30.50
		For Work In Restricted Working Space, Add	*22.87*	
		For Elevated Installation >10' To 15', Add	*7.62*	
		For Elevated Installation >15' To 20', Add	*15.25*	
		For Elevated Installation >20' To 25', Add	*19.06*	
		For Elevated Installation >25' To 30', Add	*26.68*	
		For Elevated Installation >30' To 35', Add	*30.50*	
		For Elevated Installation >35' To 40', Add	*38.12*	
		For Elevated Installation >40', Add	*41.93*	
26 05 33 13-0743	EA	3" Intermediate Metal Conduit (IMC) 90 Degree Elbow	231.84	41.55
		For Work In Restricted Working Space, Add	*31.16*	
		For Elevated Installation >10' To 15', Add	*10.39*	
		For Elevated Installation >15' To 20', Add	*20.77*	
		For Elevated Installation >20' To 25', Add	*25.97*	
		For Elevated Installation >25' To 30', Add	*36.35*	
		For Elevated Installation >30' To 35', Add	*41.54*	
		For Elevated Installation >35' To 40', Add	*51.93*	
		For Elevated Installation >40', Add	*57.12*	
26 05 33 13-0744	EA	3-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	343.08	46.85
		For Work In Restricted Working Space, Add	*35.15*	
		For Elevated Installation >10' To 15', Add	*11.72*	
		For Elevated Installation >15' To 20', Add	*23.43*	
		For Elevated Installation >20' To 25', Add	*29.29*	
		For Elevated Installation >25' To 30', Add	*41.00*	
		For Elevated Installation >30' To 35', Add	*46.86*	
		For Elevated Installation >35' To 40', Add	*58.58*	
		For Elevated Installation >40', Add	*64.43*	
26 05 33 13-0745	EA	4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	414.55	61.00
		For Work In Restricted Working Space, Add	*45.74*	
		For Elevated Installation >10' To 15', Add	*15.25*	
		For Elevated Installation >15' To 20', Add	*30.49*	
		For Elevated Installation >20' To 25', Add	*38.12*	
		For Elevated Installation >25' To 30', Add	*53.36*	
		For Elevated Installation >30' To 35', Add	*60.99*	
		For Elevated Installation >35' To 40', Add	*76.24*	
		For Elevated Installation >40', Add	*83.86*	

26 05 33 13-0746 Intermediate Metal Conduit (IMC) Bushing Sets With Locknut *(26 05 33 13-0723)*

26 05 33 13-0747	EA	1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	15.21	5.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-0748	EA	3/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	18.00	0.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-0749	EA	1" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	23.38	8.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-0750	EA	1-1/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	28.59	10.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.62*	
26 05 33 13-0751	EA	1-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	32.15	11.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0752	EA	2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	41.74	13.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.28*	
26 05 33 13-0753	EA	2-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	78.55	22.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	
26 05 33 13-0754	EA	3" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	95.87	30.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.55*	
26 05 33 13-0755	EA	3-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	126.97	35.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.85*	
26 05 33 13-0756	EA	4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	150.20	41.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.16*	

26 05 33 13-0757 Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fittings *(26 05 33 13-0723)*

Note: 3-Piece coupling.

26 05 33 13-0758	EA	1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	50.73	17.68
		For Work In Restricted Working Space, Add	*13.28*	
		For Elevated Installation >10' To 15', Add	*4.43*	
		For Elevated Installation >15' To 20', Add	*8.85*	
		For Elevated Installation >20' To 25', Add	*11.06*	
		For Elevated Installation >25' To 30', Add	*15.49*	
		For Elevated Installation >30' To 35', Add	*17.70*	
		For Elevated Installation >35' To 40', Add	*22.13*	
		For Elevated Installation >40', Add	*24.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.28*	
26 05 33 13-0759	EA	3/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	57.74	19.78
		For Work In Restricted Working Space, Add	*14.82*	
		For Elevated Installation >10' To 15', Add	*4.94*	
		For Elevated Installation >15' To 20', Add	*9.88*	
		For Elevated Installation >20' To 25', Add	*12.35*	
		For Elevated Installation >25' To 30', Add	*17.29*	
		For Elevated Installation >30' To 35', Add	*19.76*	
		For Elevated Installation >35' To 40', Add	*24.70*	
		For Elevated Installation >40', Add	*27.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.82*	
26 05 33 13-0760	EA	1" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	71.13	21.99
		For Work In Restricted Working Space, Add	*16.51*	
		For Elevated Installation >10' To 15', Add	*5.50*	
		For Elevated Installation >15' To 20', Add	*11.00*	
		For Elevated Installation >20' To 25', Add	*13.76*	
		For Elevated Installation >25' To 30', Add	*19.26*	
		For Elevated Installation >30' To 35', Add	*22.01*	
		For Elevated Installation >35' To 40', Add	*27.51*	
		For Elevated Installation >40', Add	*30.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.51*	
26 05 33 13-0761	EA	1-1/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	89.83	24.09
		For Work In Restricted Working Space, Add	*18.06*	
		For Elevated Installation >10' To 15', Add	*6.02*	
		For Elevated Installation >15' To 20', Add	*12.04*	
		For Elevated Installation >20' To 25', Add	*15.05*	
		For Elevated Installation >25' To 30', Add	*21.07*	
		For Elevated Installation >30' To 35', Add	*24.08*	
		For Elevated Installation >35' To 40', Add	*30.10*	
		For Elevated Installation >40', Add	*33.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.06*	
26 05 33 13-0762	EA	1-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	103.05	26.30
		For Work In Restricted Working Space, Add	*19.76*	
		For Elevated Installation >10' To 15', Add	*6.59*	
		For Elevated Installation >15' To 20', Add	*13.17*	
		For Elevated Installation >20' To 25', Add	*16.47*	
		For Elevated Installation >25' To 30', Add	*23.05*	
		For Elevated Installation >30' To 35', Add	*26.35*	
		For Elevated Installation >35' To 40', Add	*32.94*	
		For Elevated Installation >40', Add	*36.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.76*	
26 05 33 13-0763	EA	2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	145.70	28.51
		For Work In Restricted Working Space, Add	*21.40*	
		For Elevated Installation >10' To 15', Add	*7.13*	
		For Elevated Installation >15' To 20', Add	*14.27*	
		For Elevated Installation >20' To 25', Add	*17.83*	
		For Elevated Installation >25' To 30', Add	*24.97*	
		For Elevated Installation >30' To 35', Add	*28.53*	
		For Elevated Installation >35' To 40', Add	*35.67*	
		For Elevated Installation >40', Add	*39.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.40*	
26 05 33 13-0764	EA	2-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	247.48	35.36
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0765	EA	3" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	353.09	44.20
		For Work In Restricted Working Space, Add	*33.15*	
		For Elevated Installation >10' To 15', Add	*11.05*	
		For Elevated Installation >15' To 20', Add	*22.10*	
		For Elevated Installation >20' To 25', Add	*27.63*	
		For Elevated Installation >25' To 30', Add	*38.68*	
		For Elevated Installation >30' To 35', Add	*44.20*	
		For Elevated Installation >35' To 40', Add	*55.25*	
		For Elevated Installation >40', Add	*60.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.15*	
26 05 33 13-0766	EA	3-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	522.39	53.05
		For Work In Restricted Working Space, Add	*39.80*	
		For Elevated Installation >10' To 15', Add	*13.27*	
		For Elevated Installation >15' To 20', Add	*26.53*	
		For Elevated Installation >20' To 25', Add	*33.16*	
		For Elevated Installation >25' To 30', Add	*46.43*	
		For Elevated Installation >30' To 35', Add	*53.06*	
		For Elevated Installation >35' To 40', Add	*66.33*	
		For Elevated Installation >40', Add	*72.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.80*	
26 05 33 13-0767	EA	4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	604.96	57.47
		For Work In Restricted Working Space, Add	*43.09*	
		For Elevated Installation >10' To 15', Add	*14.36*	
		For Elevated Installation >15' To 20', Add	*28.73*	
		For Elevated Installation >20' To 25', Add	*35.91*	
		For Elevated Installation >25' To 30', Add	*50.27*	
		For Elevated Installation >30' To 35', Add	*57.46*	
		For Elevated Installation >35' To 40', Add	*71.82*	
		For Elevated Installation >40', Add	*79.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.09*	

26 05 33 13-0768 Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0723)*

26 05 33 13-0769	EA	1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	29.16	8.84
		For Work In Restricted Working Space, Add	*6.63*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.42*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.74*	
		For Elevated Installation >30' To 35', Add	*8.84*	
		For Elevated Installation >35' To 40', Add	*11.05*	
		For Elevated Installation >40', Add	*12.16*	
26 05 33 13-0770	EA	3/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	32.66	9.72
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	
26 05 33 13-0771	EA	1" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	37.57	11.05
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
26 05 33 13-0772	EA	1-1/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	42.96	11.93
		For Work In Restricted Working Space, Add	*8.95*	
		For Elevated Installation >10' To 15', Add	*2.98*	
		For Elevated Installation >15' To 20', Add	*5.97*	
		For Elevated Installation >20' To 25', Add	*7.46*	
		For Elevated Installation >25' To 30', Add	*10.44*	
		For Elevated Installation >30' To 35', Add	*11.94*	
		For Elevated Installation >35' To 40', Add	*14.92*	
		For Elevated Installation >40', Add	*16.41*	
26 05 33 13-0773	EA	1-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	51.44	13.26
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0774	EA	2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	63.51	14.59
		For Work In Restricted Working Space, Add	*10.94*	
		For Elevated Installation >10' To 15', Add	*3.65*	
		For Elevated Installation >15' To 20', Add	*7.29*	
		For Elevated Installation >20' To 25', Add	*9.12*	
		For Elevated Installation >25' To 30', Add	*12.76*	
		For Elevated Installation >30' To 35', Add	*14.59*	
		For Elevated Installation >35' To 40', Add	*18.24*	
		For Elevated Installation >40', Add	*20.06*	
26 05 33 13-0775	EA	2-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	87.55	17.68
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.10*	
		For Elevated Installation >40', Add	*24.31*	
26 05 33 13-0776	EA	3" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	108.14	22.10
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
26 05 33 13-0777	EA	3-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	129.93	26.52
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	
26 05 33 13-0778	EA	4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	147.39	28.73
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.37*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.92*	
		For Elevated Installation >40', Add	*39.51*	

26 05 33 13-0779 Intermediate Metal Conduit (IMC) Rain Tight Threaded Hubs *(26 05 33 13-0723)*

26 05 33 13-0780	EA	1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	25.05	8.84
		For Work In Restricted Working Space, Add	*6.63*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.42*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.74*	
		For Elevated Installation >30' To 35', Add	*8.84*	
		For Elevated Installation >35' To 40', Add	*11.06*	
		For Elevated Installation >40', Add	*12.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.63*	
26 05 33 13-0781	EA	3/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	32.04	11.05
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.52*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.81*	
		For Elevated Installation >40', Add	*15.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-0782	EA	1" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	39.67	13.26
		For Work In Restricted Working Space, Add	*9.95*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0783	EA	1-1/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	47.91	15.47
		For Work In Restricted Working Space, Add	*11.60*	
		For Elevated Installation >10' To 15', Add	*3.87*	
		For Elevated Installation >15' To 20', Add	*7.74*	
		For Elevated Installation >20' To 25', Add	*9.67*	
		For Elevated Installation >25' To 30', Add	*13.54*	
		For Elevated Installation >30' To 35', Add	*15.47*	
		For Elevated Installation >35' To 40', Add	*19.34*	
		For Elevated Installation >40', Add	*21.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.60*	
26 05 33 13-0784	EA	1-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	56.09	17.68
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.10*	
		For Elevated Installation >40', Add	*24.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.26*	
26 05 33 13-0785	EA	2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	66.90	19.89
		For Work In Restricted Working Space, Add	*14.92*	
		For Elevated Installation >10' To 15', Add	*4.97*	
		For Elevated Installation >15' To 20', Add	*9.94*	
		For Elevated Installation >20' To 25', Add	*12.43*	
		For Elevated Installation >25' To 30', Add	*17.40*	
		For Elevated Installation >30' To 35', Add	*19.89*	
		For Elevated Installation >35' To 40', Add	*24.86*	
		For Elevated Installation >40', Add	*27.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.92*	
26 05 33 13-0786	EA	2-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	84.04	22.10
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	
26 05 33 13-0787	EA	3" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	99.55	24.31
		For Work In Restricted Working Space, Add	*18.23*	
		For Elevated Installation >10' To 15', Add	*6.08*	
		For Elevated Installation >15' To 20', Add	*12.15*	
		For Elevated Installation >20' To 25', Add	*15.19*	
		For Elevated Installation >25' To 30', Add	*21.27*	
		For Elevated Installation >30' To 35', Add	*24.31*	
		For Elevated Installation >35' To 40', Add	*30.39*	
		For Elevated Installation >40', Add	*33.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.23*	
26 05 33 13-0788	EA	3-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	122.10	28.73
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.37*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.92*	
		For Elevated Installation >40', Add	*39.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.55*	
26 05 33 13-0789	EA	4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	140.78	30.94
		For Work In Restricted Working Space, Add	*23.21*	
		For Elevated Installation >10' To 15', Add	*7.74*	
		For Elevated Installation >15' To 20', Add	*15.47*	
		For Elevated Installation >20' To 25', Add	*19.34*	
		For Elevated Installation >25' To 30', Add	*27.07*	
		For Elevated Installation >30' To 35', Add	*30.94*	
		For Elevated Installation >35' To 40', Add	*38.68*	
		For Elevated Installation >40', Add	*42.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.21*	

26 05 33 13-0790 Intermediate Metal Conduit (IMC) Expansion Fittings *(26 05 33 13-0723)*

26 05 33 13-0791	EA	1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	171.47	17.68
		For Work In Restricted Working Space, Add	*13.26*	
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.11*	
		For Elevated Installation >40', Add	*24.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0792	EA	3/4" Intermediate Metal Conduit (IMC) Expansion Fitting	189.72	19.89
		For Work In Restricted Working Space, Add	*14.92*	
		For Elevated Installation >10' To 15', Add	*4.97*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.43*	
		For Elevated Installation >25' To 30', Add	*17.41*	
		For Elevated Installation >30' To 35', Add	*19.89*	
		For Elevated Installation >35' To 40', Add	*24.87*	
		For Elevated Installation >40', Add	*27.35*	
26 05 33 13-0793	EA	1" Intermediate Metal Conduit (IMC) Expansion Fitting	210.84	22.10
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.82*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
26 05 33 13-0794	EA	1-1/4" Intermediate Metal Conduit (IMC) Expansion Fitting	254.85	24.31
		For Work In Restricted Working Space, Add	*18.23*	
		For Elevated Installation >10' To 15', Add	*6.08*	
		For Elevated Installation >15' To 20', Add	*12.16*	
		For Elevated Installation >20' To 25', Add	*15.20*	
		For Elevated Installation >25' To 30', Add	*21.27*	
		For Elevated Installation >30' To 35', Add	*24.31*	
		For Elevated Installation >35' To 40', Add	*30.39*	
		For Elevated Installation >40', Add	*33.43*	
26 05 33 13-0795	EA	1-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	312.47	26.52
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	
26 05 33 13-0796	EA	2" Intermediate Metal Conduit (IMC) Expansion Fitting	411.29	28.73
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
26 05 33 13-0797	EA	2-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	621.63	35.36
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
26 05 33 13-0798	EA	3" Intermediate Metal Conduit (IMC) Expansion Fitting	747.20	44.20
		For Work In Restricted Working Space, Add	*33.15*	
		For Elevated Installation >10' To 15', Add	*11.05*	
		For Elevated Installation >15' To 20', Add	*22.10*	
		For Elevated Installation >20' To 25', Add	*27.63*	
		For Elevated Installation >25' To 30', Add	*38.68*	
		For Elevated Installation >30' To 35', Add	*44.20*	
		For Elevated Installation >35' To 40', Add	*55.25*	
		For Elevated Installation >40', Add	*60.78*	
26 05 33 13-0799	EA	3-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	1,042.22	53.05
		For Work In Restricted Working Space, Add	*39.79*	
		For Elevated Installation >10' To 15', Add	*13.26*	
		For Elevated Installation >15' To 20', Add	*26.52*	
		For Elevated Installation >20' To 25', Add	*33.16*	
		For Elevated Installation >25' To 30', Add	*46.42*	
		For Elevated Installation >30' To 35', Add	*53.05*	
		For Elevated Installation >35' To 40', Add	*66.31*	
		For Elevated Installation >40', Add	*72.94*	
26 05 33 13-0800	EA	4" Intermediate Metal Conduit (IMC) Expansion Fitting	1,205.64	57.47
		For Work In Restricted Working Space, Add	*43.09*	
		For Elevated Installation >10' To 15', Add	*14.36*	
		For Elevated Installation >15' To 20', Add	*28.73*	
		For Elevated Installation >20' To 25', Add	*35.91*	
		For Elevated Installation >25' To 30', Add	*50.27*	
		For Elevated Installation >30' To 35', Add	*57.46*	
		For Elevated Installation >35' To 40', Add	*71.82*	
		For Elevated Installation >40', Add	*79.00*	

26 05 33 13-0801 Intermediate Metal Conduit (IMC) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0723)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0802	EA	1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	104.22	27.63
		For Work In Restricted Working Space, Add	*16.58*	
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	
26 05 33 13-0803	EA	3/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	123.81	33.15
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.89*	
26 05 33 13-0804	EA	1" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	151.28	38.68
		For Work In Restricted Working Space, Add	*23.21*	
		For Elevated Installation >10' To 15', Add	*7.74*	
		For Elevated Installation >15' To 20', Add	*15.47*	
		For Elevated Installation >20' To 25', Add	*19.34*	
		For Elevated Installation >25' To 30', Add	*27.08*	
		For Elevated Installation >30' To 35', Add	*30.94*	
		For Elevated Installation >35' To 40', Add	*38.68*	
		For Elevated Installation >40', Add	*42.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.21*	
26 05 33 13-0805	EA	1-1/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	178.16	44.20
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.52*	
26 05 33 13-0806	EA	1-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	234.59	49.73
		For Work In Restricted Working Space, Add	*29.84*	
		For Elevated Installation >10' To 15', Add	*9.95*	
		For Elevated Installation >15' To 20', Add	*19.89*	
		For Elevated Installation >20' To 25', Add	*24.86*	
		For Elevated Installation >25' To 30', Add	*34.81*	
		For Elevated Installation >30' To 35', Add	*39.78*	
		For Elevated Installation >35' To 40', Add	*49.73*	
		For Elevated Installation >40', Add	*54.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.84*	
26 05 33 13-0807	EA	2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	285.59	55.25
		For Work In Restricted Working Space, Add	*33.15*	
		For Elevated Installation >10' To 15', Add	*11.05*	
		For Elevated Installation >15' To 20', Add	*22.10*	
		For Elevated Installation >20' To 25', Add	*27.63*	
		For Elevated Installation >25' To 30', Add	*38.68*	
		For Elevated Installation >30' To 35', Add	*44.20*	
		For Elevated Installation >35' To 40', Add	*55.25*	
		For Elevated Installation >40', Add	*60.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.15*	
26 05 33 13-0808	EA	2-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	404.64	66.30
		For Work In Restricted Working Space, Add	*39.78*	
		For Elevated Installation >10' To 15', Add	*13.26*	
		For Elevated Installation >15' To 20', Add	*26.52*	
		For Elevated Installation >20' To 25', Add	*33.15*	
		For Elevated Installation >25' To 30', Add	*46.41*	
		For Elevated Installation >30' To 35', Add	*53.04*	
		For Elevated Installation >35' To 40', Add	*66.31*	
		For Elevated Installation >40', Add	*72.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.78*	
26 05 33 13-0809	EA	3" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	487.00	77.36
		For Work In Restricted Working Space, Add	*46.41*	
		For Elevated Installation >10' To 15', Add	*15.47*	
		For Elevated Installation >15' To 20', Add	*30.94*	
		For Elevated Installation >20' To 25', Add	*38.68*	
		For Elevated Installation >25' To 30', Add	*54.15*	
		For Elevated Installation >30' To 35', Add	*61.88*	
		For Elevated Installation >35' To 40', Add	*77.35*	
		For Elevated Installation >40', Add	*85.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0810	EA	3-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	1,135.18	88.40
		For Work In Restricted Working Space, Add	*53.04*	
		For Elevated Installation >10' To 15', Add	*17.68*	
		For Elevated Installation >15' To 20', Add	*35.36*	
		For Elevated Installation >20' To 25', Add	*44.20*	
		For Elevated Installation >25' To 30', Add	*61.88*	
		For Elevated Installation >30' To 35', Add	*70.72*	
		For Elevated Installation >35' To 40', Add	*88.41*	
		For Elevated Installation >40', Add	*97.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.04*	
26 05 33 13-0811	EA	4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	1,308.08	99.45
		For Work In Restricted Working Space, Add	*59.67*	
		For Elevated Installation >10' To 15', Add	*19.89*	
		For Elevated Installation >15' To 20', Add	*39.78*	
		For Elevated Installation >20' To 25', Add	*49.73*	
		For Elevated Installation >25' To 30', Add	*69.62*	
		For Elevated Installation >30' To 35', Add	*79.56*	
		For Elevated Installation >35' To 40', Add	*99.46*	
		For Elevated Installation >40', Add	*109.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.67*	

26 05 33 13-0812 Intermediate Metal Conduit (IMC) Threaded Couplings *(26 05 33 13-0723)*

26 05 33 13-0813	EA	1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	14.92	5.30
		For Work In Restricted Working Space, Add	*3.98*	
		For Elevated Installation >10' To 15', Add	*1.33*	
		For Elevated Installation >15' To 20', Add	*2.65*	
		For Elevated Installation >20' To 25', Add	*3.31*	
		For Elevated Installation >25' To 30', Add	*4.64*	
		For Elevated Installation >30' To 35', Add	*5.30*	
		For Elevated Installation >35' To 40', Add	*6.63*	
		For Elevated Installation >40', Add	*7.29*	
26 05 33 13-0814	EA	3/4" Intermediate Metal Conduit (IMC) Threaded Coupling	20.83	7.52
		For Work In Restricted Working Space, Add	*5.64*	
		For Elevated Installation >10' To 15', Add	*1.88*	
		For Elevated Installation >15' To 20', Add	*3.76*	
		For Elevated Installation >20' To 25', Add	*4.70*	
		For Elevated Installation >25' To 30', Add	*6.58*	
		For Elevated Installation >30' To 35', Add	*7.52*	
		For Elevated Installation >35' To 40', Add	*9.40*	
		For Elevated Installation >40', Add	*10.34*	
26 05 33 13-0815	EA	1" Intermediate Metal Conduit (IMC) Threaded Coupling	27.31	9.72
		For Work In Restricted Working Space, Add	*7.29*	
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.07*	
		For Elevated Installation >25' To 30', Add	*8.50*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.15*	
		For Elevated Installation >40', Add	*13.36*	
26 05 33 13-0816	EA	1-1/4" Intermediate Metal Conduit (IMC) Threaded Coupling	31.41	11.05
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
26 05 33 13-0817	EA	1-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	37.90	13.26
		For Work In Restricted Working Space, Add	*9.94*	
		For Elevated Installation >10' To 15', Add	*3.31*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.28*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.25*	
		For Elevated Installation >35' To 40', Add	*16.57*	
		For Elevated Installation >40', Add	*18.22*	
26 05 33 13-0818	EA	2" Intermediate Metal Conduit (IMC) Threaded Coupling	43.87	15.03
		For Work In Restricted Working Space, Add	*11.28*	
		For Elevated Installation >10' To 15', Add	*3.76*	
		For Elevated Installation >15' To 20', Add	*7.52*	
		For Elevated Installation >20' To 25', Add	*9.40*	
		For Elevated Installation >25' To 30', Add	*13.16*	
		For Elevated Installation >30' To 35', Add	*15.04*	
		For Elevated Installation >35' To 40', Add	*18.80*	
		For Elevated Installation >40', Add	*20.67*	
26 05 33 13-0819	EA	2-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	55.91	16.79
		For Work In Restricted Working Space, Add	*12.60*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.50*	
		For Elevated Installation >25' To 30', Add	*14.70*	
		For Elevated Installation >30' To 35', Add	*16.80*	
		For Elevated Installation >35' To 40', Add	*21.00*	
		For Elevated Installation >40', Add	*23.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0820	EA	3" Intermediate Metal Conduit (IMC) Threaded Coupling	66.53	19.01
		For Work In Restricted Working Space, Add	*14.26*	
		For Elevated Installation >10' To 15', Add	*4.75*	
		For Elevated Installation >15' To 20', Add	*9.50*	
		For Elevated Installation >20' To 25', Add	*11.88*	
		For Elevated Installation >25' To 30', Add	*16.63*	
		For Elevated Installation >30' To 35', Add	*19.01*	
		For Elevated Installation >35' To 40', Add	*23.76*	
		For Elevated Installation >40', Add	*26.14*	
26 05 33 13-0821	EA	3-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	77.36	20.77
		For Work In Restricted Working Space, Add	*15.59*	
		For Elevated Installation >10' To 15', Add	*5.20*	
		For Elevated Installation >15' To 20', Add	*10.39*	
		For Elevated Installation >20' To 25', Add	*12.99*	
		For Elevated Installation >25' To 30', Add	*18.18*	
		For Elevated Installation >30' To 35', Add	*20.78*	
		For Elevated Installation >35' To 40', Add	*25.98*	
		For Elevated Installation >40', Add	*28.57*	
26 05 33 13-0822	EA	4" Intermediate Metal Conduit (IMC) Threaded Coupling	80.84	22.10
		For Work In Restricted Working Space, Add	*16.57*	
		For Elevated Installation >10' To 15', Add	*5.52*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.33*	
		For Elevated Installation >30' To 35', Add	*22.09*	
		For Elevated Installation >35' To 40', Add	*27.62*	
		For Elevated Installation >40', Add	*30.38*	

26 05 33 13-0823 Intermediate Metal Conduit (IMC) Reducer Bushings *(26 05 33 13-0723)*

26 05 33 13-0824	EA	1/2" To 3/4" Intermediate Metal Conduit (IMC) Reducing Bushing	7.39	2.21
		For Work In Restricted Working Space, Add	*1.66*	
		For Elevated Installation >10' To 15', Add	*0.55*	
		For Elevated Installation >15' To 20', Add	*1.10*	
		For Elevated Installation >20' To 25', Add	*1.38*	
		For Elevated Installation >25' To 30', Add	*1.93*	
		For Elevated Installation >30' To 35', Add	*2.21*	
		For Elevated Installation >35' To 40', Add	*2.76*	
		For Elevated Installation >40', Add	*3.04*	
26 05 33 13-0825	EA	3/4" To 1" Intermediate Metal Conduit (IMC) Reducing Bushing	8.46	2.21
		For Work In Restricted Working Space, Add	*1.66*	
		For Elevated Installation >10' To 15', Add	*0.55*	
		For Elevated Installation >15' To 20', Add	*1.10*	
		For Elevated Installation >20' To 25', Add	*1.38*	
		For Elevated Installation >25' To 30', Add	*1.93*	
		For Elevated Installation >30' To 35', Add	*2.21*	
		For Elevated Installation >35' To 40', Add	*2.76*	
		For Elevated Installation >40', Add	*3.04*	

26 05 33 13-0826 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit *(26 05 33 13-0058)*

Note: 40 mil polyvinyl chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney). Used in hazardous locations. Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0827 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit *(26 05 33 13-0826)*

Note: Includes field bending for conduit up to 1".

26 05 33 13-0828	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	13.39	3.10
		For >250 To 500, Deduct	*-0.48*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000, Deduct	*-1.15*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.55*	
		For Elevated Installation >20' To 25', Add	*1.94*	
		For Elevated Installation >25' To 30', Add	*2.71*	
		For Elevated Installation >30' To 35', Add	*3.10*	
		For Elevated Installation >35' To 40', Add	*3.87*	
		For Elevated Installation >40', Add	*4.26*	
		For Work In Restricted Working Space, Add	*2.32*	
26 05 33 13-0829	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	15.38	3.54
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-0.93*	
		For >1,000, Deduct	*-1.32*	
		For Elevated Installation >10' To 15', Add	*0.88*	
		For Elevated Installation >15' To 20', Add	*1.77*	
		For Elevated Installation >20' To 25', Add	*2.21*	
		For Elevated Installation >25' To 30', Add	*3.09*	
		For Elevated Installation >30' To 35', Add	*3.54*	
		For Elevated Installation >35' To 40', Add	*4.42*	
		For Elevated Installation >40', Add	*4.86*	
		For Work In Restricted Working Space, Add	*2.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0830	LF	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	19.53	4.42
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 1,000, Deduct	*-1.19*	
		For >1,000, Deduct	*-1.68*	
		For Elevated Installation >10' To 15', Add	*1.11*	
		For Elevated Installation >15' To 20', Add	*2.21*	
		For Elevated Installation >20' To 25', Add	*2.76*	
		For Elevated Installation >25' To 30', Add	*3.87*	
		For Elevated Installation >30' To 35', Add	*4.42*	
		For Elevated Installation >35' To 40', Add	*5.53*	
		For Elevated Installation >40', Add	*6.08*	
		For Work In Restricted Working Space, Add	*3.32*	
26 05 33 13-0831	LF	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	24.01	5.30
		For >250 To 500, Deduct	*-0.87*	
		For >500 To 1,000, Deduct	*-1.47*	
		For >1,000, Deduct	*-2.07*	
		For Elevated Installation >10' To 15', Add	*1.33*	
		For Elevated Installation >15' To 20', Add	*2.65*	
		For Elevated Installation >20' To 25', Add	*3.32*	
		For Elevated Installation >25' To 30', Add	*4.64*	
		For Elevated Installation >30' To 35', Add	*5.30*	
		For Elevated Installation >35' To 40', Add	*6.63*	
		For Elevated Installation >40', Add	*7.29*	
		For Work In Restricted Working Space, Add	*3.98*	
26 05 33 13-0832	LF	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	29.63	6.63
		For >250 To 500, Deduct	*-1.07*	
		For >500 To 1,000, Deduct	*-1.81*	
		For >1,000, Deduct	*-2.55*	
		For Elevated Installation >10' To 15', Add	*1.66*	
		For Elevated Installation >15' To 20', Add	*3.31*	
		For Elevated Installation >20' To 25', Add	*4.14*	
		For Elevated Installation >25' To 30', Add	*5.80*	
		For Elevated Installation >30' To 35', Add	*6.63*	
		For Elevated Installation >35' To 40', Add	*8.29*	
		For Elevated Installation >40', Add	*9.11*	
		For Work In Restricted Working Space, Add	*4.97*	
26 05 33 13-0833	LF	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	36.91	7.96
		For >250 To 500, Deduct	*-1.35*	
		For >500 To 1,000, Deduct	*-2.27*	
		For >1,000, Deduct	*-3.19*	
		For Elevated Installation >10' To 15', Add	*1.99*	
		For Elevated Installation >15' To 20', Add	*3.98*	
		For Elevated Installation >20' To 25', Add	*4.97*	
		For Elevated Installation >25' To 30', Add	*6.96*	
		For Elevated Installation >30' To 35', Add	*7.96*	
		For Elevated Installation >35' To 40', Add	*9.95*	
		For Elevated Installation >40', Add	*10.94*	
		For Work In Restricted Working Space, Add	*5.97*	
26 05 33 13-0834	LF	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	49.02	9.28
		For >250 To 500, Deduct	*-1.87*	
		For >500 To 1,000, Deduct	*-3.10*	
		For >1,000, Deduct	*-4.32*	
		For Elevated Installation >10' To 15', Add	*2.32*	
		For Elevated Installation >15' To 20', Add	*4.64*	
		For Elevated Installation >20' To 25', Add	*5.80*	
		For Elevated Installation >25' To 30', Add	*8.12*	
		For Elevated Installation >30' To 35', Add	*9.28*	
		For Elevated Installation >35' To 40', Add	*11.61*	
		For Elevated Installation >40', Add	*12.77*	
		For Work In Restricted Working Space, Add	*6.96*	
26 05 33 13-0835	LF	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	61.28	11.49
		For >250 To 500, Deduct	*-2.35*	
		For >500 To 1,000, Deduct	*-3.88*	
		For >1,000, Deduct	*-5.41*	
		For Elevated Installation >10' To 15', Add	*2.87*	
		For Elevated Installation >15' To 20', Add	*5.75*	
		For Elevated Installation >20' To 25', Add	*7.18*	
		For Elevated Installation >25' To 30', Add	*10.06*	
		For Elevated Installation >30' To 35', Add	*11.49*	
		For Elevated Installation >35' To 40', Add	*14.37*	
		For Elevated Installation >40', Add	*15.80*	
		For Work In Restricted Working Space, Add	*8.62*	
26 05 33 13-0836	LF	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	75.18	14.15
		For >250 To 500, Deduct	*-2.88*	
		For >500 To 1,000, Deduct	*-4.75*	
		For >1,000, Deduct	*-6.63*	
		For Elevated Installation >10' To 15', Add	*3.54*	
		For Elevated Installation >15' To 20', Add	*7.07*	
		For Elevated Installation >20' To 25', Add	*8.84*	
		For Elevated Installation >25' To 30', Add	*12.38*	
		For Elevated Installation >30' To 35', Add	*14.14*	
		For Elevated Installation >35' To 40', Add	*17.68*	
		For Elevated Installation >40', Add	*19.45*	
		For Work In Restricted Working Space, Add	*10.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0837	LF	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	88.93	16.79
		For >250 To 500, Deduct	*-3.40*	
		For >500 To 1,000, Deduct	*-5.62*	
		For >1,000, Deduct	*-7.84*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.50*	
		For Elevated Installation >25' To 30', Add	*14.70*	
		For Elevated Installation >30' To 35', Add	*16.80*	
		For Elevated Installation >35' To 40', Add	*21.00*	
		For Elevated Installation >40', Add	*23.09*	
		For Work In Restricted Working Space, Add	*12.60*	
26 05 33 13-0838	LF	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	132.92	19.89
		For >250 To 500, Deduct	*-5.40*	
		For >500 To 1,000, Deduct	*-8.73*	
		For >1,000, Deduct	*-12.05*	
		For Elevated Installation >10' To 15', Add	*4.97*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.43*	
		For Elevated Installation >25' To 30', Add	*17.41*	
		For Elevated Installation >30' To 35', Add	*19.89*	
		For Elevated Installation >35' To 40', Add	*24.87*	
		For Elevated Installation >40', Add	*27.35*	
		For Work In Restricted Working Space, Add	*14.92*	
26 05 33 13-0839	LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	180.30	26.52
		For >250 To 500, Deduct	*-7.36*	
		For >500 To 1,000, Deduct	*-11.87*	
		For >1,000, Deduct	*-16.37*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	
		For Work In Restricted Working Space, Add	*19.89*	

26 05 33 13-0840 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings *(26 05 33 13-0826)*

26 05 33 13-0841	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	19.22	6.63
		For Elevated Installation >10' To 15', Add	*1.33*	
		For Elevated Installation >15' To 20', Add	*2.65*	
		For Elevated Installation >20' To 25', Add	*3.32*	
		For Elevated Installation >25' To 30', Add	*4.64*	
		For Elevated Installation >30' To 35', Add	*5.30*	
		For Elevated Installation >35' To 40', Add	*6.63*	
		For Elevated Installation >40', Add	*7.29*	
		For Work In Restricted Working Space, Add	*3.98*	
26 05 33 13-0842	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	25.04	9.39
		For Elevated Installation >10' To 15', Add	*1.88*	
		For Elevated Installation >15' To 20', Add	*3.76*	
		For Elevated Installation >20' To 25', Add	*4.70*	
		For Elevated Installation >25' To 30', Add	*6.58*	
		For Elevated Installation >30' To 35', Add	*7.52*	
		For Elevated Installation >35' To 40', Add	*9.40*	
		For Elevated Installation >40', Add	*10.33*	
		For Work In Restricted Working Space, Add	*5.64*	
26 05 33 13-0843	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	32.42	12.15
		For Elevated Installation >10' To 15', Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*4.86*	
		For Elevated Installation >20' To 25', Add	*6.08*	
		For Elevated Installation >25' To 30', Add	*8.51*	
		For Elevated Installation >30' To 35', Add	*9.72*	
		For Elevated Installation >35' To 40', Add	*12.16*	
		For Elevated Installation >40', Add	*13.37*	
		For Work In Restricted Working Space, Add	*7.29*	
26 05 33 13-0844	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	37.10	13.82
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
		For Work In Restricted Working Space, Add	*8.29*	
26 05 33 13-0845	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	44.40	16.57
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
		For Work In Restricted Working Space, Add	*9.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0846	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	54.05	18.79
		For Elevated Installation >10' To 15', Add	*3.76*	
		For Elevated Installation >15' To 20', Add	*7.52*	
		For Elevated Installation >20' To 25', Add	*9.40*	
		For Elevated Installation >25' To 30', Add	*13.15*	
		For Elevated Installation >30' To 35', Add	*15.03*	
		For Elevated Installation >35' To 40', Add	*18.79*	
		For Elevated Installation >40', Add	*20.67*	
		For Work In Restricted Working Space, Add	*11.27*	
26 05 33 13-0847	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	82.75	18.79
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.50*	
		For Elevated Installation >25' To 30', Add	*14.70*	
		For Elevated Installation >30' To 35', Add	*16.80*	
		For Elevated Installation >35' To 40', Add	*21.00*	
		For Elevated Installation >40', Add	*23.09*	
		For Work In Restricted Working Space, Add	*12.60*	
26 05 33 13-0848	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	97.02	25.97
		For Elevated Installation >10' To 15', Add	*4.75*	
		For Elevated Installation >15' To 20', Add	*9.50*	
		For Elevated Installation >20' To 25', Add	*11.88*	
		For Elevated Installation >25' To 30', Add	*16.63*	
		For Elevated Installation >30' To 35', Add	*19.01*	
		For Elevated Installation >35' To 40', Add	*23.76*	
		For Elevated Installation >40', Add	*26.14*	
		For Work In Restricted Working Space, Add	*14.26*	
26 05 33 13-0849	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	115.44	25.97
		For Elevated Installation >10' To 15', Add	*5.19*	
		For Elevated Installation >15' To 20', Add	*10.39*	
		For Elevated Installation >20' To 25', Add	*12.98*	
		For Elevated Installation >25' To 30', Add	*18.18*	
		For Elevated Installation >30' To 35', Add	*20.77*	
		For Elevated Installation >35' To 40', Add	*25.97*	
		For Elevated Installation >40', Add	*28.56*	
		For Work In Restricted Working Space, Add	*15.58*	
26 05 33 13-0850	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	129.50	27.63
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
		For Work In Restricted Working Space, Add	*16.58*	
26 05 33 13-0851	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	308.25	33.15
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	
		For Work In Restricted Working Space, Add	*19.89*	
26 05 33 13-0852	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	347.64	38.68
		For Elevated Installation >10' To 15', Add	*7.74*	
		For Elevated Installation >15' To 20', Add	*15.47*	
		For Elevated Installation >20' To 25', Add	*19.34*	
		For Elevated Installation >25' To 30', Add	*27.08*	
		For Elevated Installation >30' To 35', Add	*30.94*	
		For Elevated Installation >35' To 40', Add	*38.68*	
		For Elevated Installation >40', Add	*42.55*	
		For Work In Restricted Working Space, Add	*23.21*	

26 05 33 13-0853 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows *(26 05 33 13-0826)*

Note: 90, 45, or 30 degree.

26 05 33 13-0854	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	56.82	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
26 05 33 13-0855	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	66.24	22.27
		For Elevated Installation >10' To 15', Add	*4.45*	
		For Elevated Installation >15' To 20', Add	*8.91*	
		For Elevated Installation >20' To 25', Add	*11.13*	
		For Elevated Installation >25' To 30', Add	*15.59*	
		For Elevated Installation >30' To 35', Add	*17.81*	
		For Elevated Installation >35' To 40', Add	*22.27*	
		For Elevated Installation >40', Add	*24.49*	
		For Work In Restricted Working Space, Add	*13.36*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0856	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	79.49	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	
26 05 33 13-0857	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	93.80	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-0858	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	109.42	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Work In Restricted Working Space, Add	*21.55*	
26 05 33 13-0859	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	131.48	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-0860	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	197.98	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
		For Work In Restricted Working Space, Add	*29.74*	
26 05 33 13-0861	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	293.00	67.52
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
		For Work In Restricted Working Space, Add	*40.51*	
26 05 33 13-0862	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	359.56	76.13
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	
		For Work In Restricted Working Space, Add	*45.68*	
26 05 33 13-0863	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	417.35	99.12
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
		For Work In Restricted Working Space, Add	*59.47*	
26 05 33 13-0864	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	851.24	161.61
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
		For Work In Restricted Working Space, Add	*96.97*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0865		EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	1,334.31	242.78
			For Elevated Installation >10' To 15', Add	*48.56*	
			For Elevated Installation >15' To 20', Add	*97.11*	
			For Elevated Installation >20' To 25', Add	*121.39*	
			For Elevated Installation >25' To 30', Add	*169.95*	
			For Elevated Installation >30' To 35', Add	*194.22*	
			For Elevated Installation >35' To 40', Add	*242.78*	
			For Elevated Installation >40', Add	*267.06*	
			For Work In Restricted Working Space, Add	*145.67*	
26 05 33 13-0866			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows *(26 05 33 13-0826)*		
26 05 33 13-0867		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	128.77	27.30
			For Elevated Installation >10' To 15', Add	*5.46*	
			For Elevated Installation >15' To 20', Add	*10.92*	
			For Elevated Installation >20' To 25', Add	*13.65*	
			For Elevated Installation >25' To 30', Add	*19.11*	
			For Elevated Installation >30' To 35', Add	*21.84*	
			For Elevated Installation >35' To 40', Add	*27.30*	
			For Elevated Installation >40', Add	*30.02*	
			For Work In Restricted Working Space, Add	*16.38*	
26 05 33 13-0868		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	145.26	31.60
			For Elevated Installation >10' To 15', Add	*6.32*	
			For Elevated Installation >15' To 20', Add	*12.64*	
			For Elevated Installation >20' To 25', Add	*15.80*	
			For Elevated Installation >25' To 30', Add	*22.12*	
			For Elevated Installation >30' To 35', Add	*25.28*	
			For Elevated Installation >35' To 40', Add	*31.61*	
			For Elevated Installation >40', Add	*34.77*	
			For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-0869		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	165.75	35.91
			For Elevated Installation >10' To 15', Add	*7.18*	
			For Elevated Installation >15' To 20', Add	*14.36*	
			For Elevated Installation >20' To 25', Add	*17.96*	
			For Elevated Installation >25' To 30', Add	*25.14*	
			For Elevated Installation >30' To 35', Add	*28.73*	
			For Elevated Installation >35' To 40', Add	*35.91*	
			For Elevated Installation >40', Add	*39.50*	
			For Work In Restricted Working Space, Add	*21.55*	
26 05 33 13-0870		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	196.49	39.50
			For Elevated Installation >10' To 15', Add	*7.90*	
			For Elevated Installation >15' To 20', Add	*15.80*	
			For Elevated Installation >20' To 25', Add	*19.75*	
			For Elevated Installation >25' To 30', Add	*27.65*	
			For Elevated Installation >30' To 35', Add	*31.60*	
			For Elevated Installation >35' To 40', Add	*39.51*	
			For Elevated Installation >40', Add	*43.46*	
			For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-0871		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	271.55	49.57
			For Elevated Installation >10' To 15', Add	*9.91*	
			For Elevated Installation >15' To 20', Add	*19.82*	
			For Elevated Installation >20' To 25', Add	*24.78*	
			For Elevated Installation >25' To 30', Add	*34.69*	
			For Elevated Installation >30' To 35', Add	*39.65*	
			For Elevated Installation >35' To 40', Add	*49.56*	
			For Elevated Installation >40', Add	*54.52*	
			For Work In Restricted Working Space, Add	*29.74*	
26 05 33 13-0872			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows *(26 05 33 13-0826)*		
26 05 33 13-0873		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	142.10	27.30
			For Elevated Installation >10' To 15', Add	*5.46*	
			For Elevated Installation >15' To 20', Add	*10.92*	
			For Elevated Installation >20' To 25', Add	*13.65*	
			For Elevated Installation >25' To 30', Add	*19.11*	
			For Elevated Installation >30' To 35', Add	*21.84*	
			For Elevated Installation >35' To 40', Add	*27.30*	
			For Elevated Installation >40', Add	*30.02*	
			For Work In Restricted Working Space, Add	*16.38*	
26 05 33 13-0874		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	167.28	31.60
			For Elevated Installation >10' To 15', Add	*6.32*	
			For Elevated Installation >15' To 20', Add	*12.64*	
			For Elevated Installation >20' To 25', Add	*15.80*	
			For Elevated Installation >25' To 30', Add	*22.12*	
			For Elevated Installation >30' To 35', Add	*25.28*	
			For Elevated Installation >35' To 40', Add	*31.61*	
			For Elevated Installation >40', Add	*34.77*	
			For Work In Restricted Working Space, Add	*18.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0875	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	181.54	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Work In Restricted Working Space, Add	*21.55*	
26 05 33 13-0876	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	230.92	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-0877	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	304.76	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
		For Work In Restricted Working Space, Add	*29.74*	
26 05 33 13-0878	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	391.47	67.52
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
		For Work In Restricted Working Space, Add	*40.51*	

26 05 33 13-0879 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows *(26 05 33 13-0826)*

26 05 33 13-0880	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	158.04	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	
26 05 33 13-0881	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	178.75	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-0882	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	201.80	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Work In Restricted Working Space, Add	*21.55*	
26 05 33 13-0883	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	242.34	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-0884	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	342.91	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
		For Work In Restricted Working Space, Add	*29.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0885	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	436.27	67.52
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
		For Work In Restricted Working Space, Add	*40.51*	
26 05 33 13-0886	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	547.16	76.13
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	
		For Work In Restricted Working Space, Add	*45.68*	
26 05 33 13-0887	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	621.73	99.12
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
		For Work In Restricted Working Space, Add	*59.47*	

26 05 33 13-0888 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows *(26 05 33 13-0826)*

26 05 33 13-0889	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	185.56	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	
26 05 33 13-0890	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	205.68	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-0891	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	232.37	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Work In Restricted Working Space, Add	*21.55*	
26 05 33 13-0892	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	286.36	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-0893	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	411.20	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
		For Work In Restricted Working Space, Add	*29.74*	
26 05 33 13-0894	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	512.16	67.52
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
		For Work In Restricted Working Space, Add	*40.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0895	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	593.50	76.13
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	
		For Work In Restricted Working Space, Add	*45.68*	
26 05 33 13-0896	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	706.80	99.12
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
		For Work In Restricted Working Space, Add	*59.47*	

26 05 33 13-0897 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows *(26 05 33 13-0826)*

26 05 33 13-0898	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	206.98	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	
26 05 33 13-0899	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	230.74	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-0900	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	262.46	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Work In Restricted Working Space, Add	*21.55*	
26 05 33 13-0901	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	324.68	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-0902	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	448.46	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
		For Work In Restricted Working Space, Add	*29.74*	
26 05 33 13-0903	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	572.87	67.52
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
		For Work In Restricted Working Space, Add	*40.51*	
26 05 33 13-0904	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	706.17	76.13
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	
		For Work In Restricted Working Space, Add	*45.68*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0905	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	784.89	99.12
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
		For Work In Restricted Working Space, Add	*59.47*	
26 05 33 13-0906	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	1,307.14	161.61
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
		For Work In Restricted Working Space, Add	*96.97*	

26 05 33 13-0907 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows *(26 05 33 13-0826)*

26 05 33 13-0908	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	234.99	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	
26 05 33 13-0909	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	261.02	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-0910	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	295.45	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Work In Restricted Working Space, Add	*21.55*	
26 05 33 13-0911	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	367.18	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-0912	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	510.54	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
		For Work In Restricted Working Space, Add	*29.74*	
26 05 33 13-0913	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	650.21	67.52
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
		For Work In Restricted Working Space, Add	*40.51*	
26 05 33 13-0914	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	762.62	76.13
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	
		For Work In Restricted Working Space, Add	*45.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0915	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	885.71	99.12
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
		For Work In Restricted Working Space, Add	*59.47*	
26 05 33 13-0916	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,377.80	161.61
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
		For Work In Restricted Working Space, Add	*96.97*	
26 05 33 13-0917	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,892.59	242.78
		For Elevated Installation >10' To 15', Add	*48.56*	
		For Elevated Installation >15' To 20', Add	*97.11*	
		For Elevated Installation >20' To 25', Add	*121.39*	
		For Elevated Installation >25' To 30', Add	*169.95*	
		For Elevated Installation >30' To 35', Add	*194.22*	
		For Elevated Installation >35' To 40', Add	*242.78*	
		For Elevated Installation >40', Add	*267.06*	
		For Work In Restricted Working Space, Add	*145.67*	

26 05 33 13-0918 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows *(26 05 33 13-0826)*

26 05 33 13-0919	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	273.99	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	
26 05 33 13-0920	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	288.02	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-0921	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	339.60	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.37*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.92*	
		For Elevated Installation >40', Add	*39.51*	
		For Work In Restricted Working Space, Add	*21.55*	
26 05 33 13-0922	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	426.34	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-0923	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	594.26	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
		For Work In Restricted Working Space, Add	*29.74*	
26 05 33 13-0924	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	754.48	67.52
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
		For Work In Restricted Working Space, Add	*40.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0925	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	919.58	76.13
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	
		For Work In Restricted Working Space, Add	*45.68*	
26 05 33 13-0926	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,081.83	99.12
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
		For Work In Restricted Working Space, Add	*59.47*	
26 05 33 13-0927	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,608.26	161.61
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
		For Work In Restricted Working Space, Add	*96.97*	
26 05 33 13-0928	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,998.38	242.78
		For Elevated Installation >10' To 15', Add	*48.56*	
		For Elevated Installation >15' To 20', Add	*97.11*	
		For Elevated Installation >20' To 25', Add	*121.39*	
		For Elevated Installation >25' To 30', Add	*169.95*	
		For Elevated Installation >30' To 35', Add	*194.22*	
		For Elevated Installation >35' To 40', Add	*242.78*	
		For Elevated Installation >40', Add	*267.06*	
		For Work In Restricted Working Space, Add	*145.67*	

26 05 33 13-0929 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows *(26 05 33 13-0826)*

26 05 33 13-0930	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	283.38	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	
26 05 33 13-0931	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	333.68	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-0932	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	377.77	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.37*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.92*	
		For Elevated Installation >40', Add	*39.51*	
		For Work In Restricted Working Space, Add	*21.55*	
26 05 33 13-0933	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	444.14	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-0934	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	615.17	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
		For Work In Restricted Working Space, Add	*29.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0935	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	786.54	67.52
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
		For Work In Restricted Working Space, Add	*40.51*	
26 05 33 13-0936	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,005.06	76.13
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	
		For Work In Restricted Working Space, Add	*45.68*	
26 05 33 13-0937	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,126.31	99.12
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
		For Work In Restricted Working Space, Add	*59.47*	
26 05 33 13-0938	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,670.17	161.61
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
		For Work In Restricted Working Space, Add	*96.97*	
26 05 33 13-0939	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	2,052.13	242.78
		For Elevated Installation >10' To 15', Add	*48.56*	
		For Elevated Installation >15' To 20', Add	*97.11*	
		For Elevated Installation >20' To 25', Add	*121.39*	
		For Elevated Installation >25' To 30', Add	*169.95*	
		For Elevated Installation >30' To 35', Add	*194.22*	
		For Elevated Installation >35' To 40', Add	*242.78*	
		For Elevated Installation >40', Add	*267.06*	
		For Work In Restricted Working Space, Add	*145.67*	

26 05 33 13-0940 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fittings *(26 05 33 13-0826)*

26 05 33 13-0941	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	106.23	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-0942	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	130.33	23.70
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.85*	
		For Elevated Installation >25' To 30', Add	*16.59*	
		For Elevated Installation >30' To 35', Add	*18.96*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
		For Work In Restricted Working Space, Add	*14.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.22*	
26 05 33 13-0943	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	173.01	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0944	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	281.86	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.96*	
26 05 33 13-0945	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	311.38	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Work In Restricted Working Space, Add	*21.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.55*	
26 05 33 13-0946	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	392.44	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.70*	
26 05 33 13-0947	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,059.22	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.64*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.51*	
		For Work In Restricted Working Space, Add	*29.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.73*	
26 05 33 13-0948	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,265.68	67.52
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.02*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
		For Work In Restricted Working Space, Add	*40.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.51*	
26 05 33 13-0949	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,683.33	99.12
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.29*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
		For Work In Restricted Working Space, Add	*59.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.47*	

26 05 33 13-0950 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fittings *(26 05 33 13-0826)*

26 05 33 13-0951	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	101.95	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-0952	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	125.50	23.70
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.85*	
		For Elevated Installation >25' To 30', Add	*16.59*	
		For Elevated Installation >30' To 35', Add	*18.96*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
		For Work In Restricted Working Space, Add	*14.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0953	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	173.01	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.38*	
26 05 33 13-0954	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	279.37	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.96*	
26 05 33 13-0955	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	301.36	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Work In Restricted Working Space, Add	*21.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.55*	
26 05 33 13-0956	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	392.56	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.70*	
26 05 33 13-0957	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,016.46	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.64*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.51*	
		For Work In Restricted Working Space, Add	*29.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.73*	
26 05 33 13-0958	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,234.48	67.52
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.02*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
		For Work In Restricted Working Space, Add	*40.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.51*	
26 05 33 13-0959	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,683.25	99.12
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.29*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
		For Work In Restricted Working Space, Add	*59.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.47*	

26 05 33 13-0960 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fittings *(26 05 33 13-0826)*

26 05 33 13-0961	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	92.49	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0962		EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	111.13	23.70
			For Elevated Installation >10' To 15', Add	*4.74*	
			For Elevated Installation >15' To 20', Add	*9.48*	
			For Elevated Installation >20' To 25', Add	*11.85*	
			For Elevated Installation >25' To 30', Add	*16.59*	
			For Elevated Installation >30' To 35', Add	*18.96*	
			For Elevated Installation >35' To 40', Add	*23.71*	
			For Elevated Installation >40', Add	*26.08*	
			For Work In Restricted Working Space, Add	*14.22*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.22*	
26 05 33 13-0963		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	131.02	27.30
			For Elevated Installation >10' To 15', Add	*5.46*	
			For Elevated Installation >15' To 20', Add	*10.92*	
			For Elevated Installation >20' To 25', Add	*13.65*	
			For Elevated Installation >25' To 30', Add	*19.11*	
			For Elevated Installation >30' To 35', Add	*21.84*	
			For Elevated Installation >35' To 40', Add	*27.30*	
			For Elevated Installation >40', Add	*30.02*	
			For Work In Restricted Working Space, Add	*16.38*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.38*	
26 05 33 13-0964		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	184.89	31.60
			For Elevated Installation >10' To 15', Add	*6.32*	
			For Elevated Installation >15' To 20', Add	*12.64*	
			For Elevated Installation >20' To 25', Add	*15.80*	
			For Elevated Installation >25' To 30', Add	*22.12*	
			For Elevated Installation >30' To 35', Add	*25.28*	
			For Elevated Installation >35' To 40', Add	*31.61*	
			For Elevated Installation >40', Add	*34.77*	
			For Work In Restricted Working Space, Add	*18.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.96*	
26 05 33 13-0965		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	215.78	35.91
			For Elevated Installation >10' To 15', Add	*7.18*	
			For Elevated Installation >15' To 20', Add	*14.36*	
			For Elevated Installation >20' To 25', Add	*17.96*	
			For Elevated Installation >25' To 30', Add	*25.14*	
			For Elevated Installation >30' To 35', Add	*28.73*	
			For Elevated Installation >35' To 40', Add	*35.91*	
			For Elevated Installation >40', Add	*39.50*	
			For Work In Restricted Working Space, Add	*21.55*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.55*	
26 05 33 13-0966		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	330.72	39.50
			For Elevated Installation >10' To 15', Add	*7.90*	
			For Elevated Installation >15' To 20', Add	*15.80*	
			For Elevated Installation >20' To 25', Add	*19.75*	
			For Elevated Installation >25' To 30', Add	*27.65*	
			For Elevated Installation >30' To 35', Add	*31.60*	
			For Elevated Installation >35' To 40', Add	*39.51*	
			For Elevated Installation >40', Add	*43.46*	
			For Work In Restricted Working Space, Add	*23.70*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.70*	
26 05 33 13-0967		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	897.36	49.57
			For Elevated Installation >10' To 15', Add	*9.91*	
			For Elevated Installation >15' To 20', Add	*19.82*	
			For Elevated Installation >20' To 25', Add	*24.78*	
			For Elevated Installation >25' To 30', Add	*34.69*	
			For Elevated Installation >30' To 35', Add	*39.64*	
			For Elevated Installation >35' To 40', Add	*49.56*	
			For Elevated Installation >40', Add	*54.51*	
			For Work In Restricted Working Space, Add	*29.73*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.73*	
26 05 33 13-0968		EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	1,012.04	67.52
			For Elevated Installation >10' To 15', Add	*13.50*	
			For Elevated Installation >15' To 20', Add	*27.01*	
			For Elevated Installation >20' To 25', Add	*33.76*	
			For Elevated Installation >25' To 30', Add	*47.26*	
			For Elevated Installation >30' To 35', Add	*54.02*	
			For Elevated Installation >35' To 40', Add	*67.52*	
			For Elevated Installation >40', Add	*74.27*	
			For Work In Restricted Working Space, Add	*40.51*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.51*	
26 05 33 13-0969		EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	1,294.58	99.12
			For Elevated Installation >10' To 15', Add	*19.82*	
			For Elevated Installation >15' To 20', Add	*39.65*	
			For Elevated Installation >20' To 25', Add	*49.56*	
			For Elevated Installation >25' To 30', Add	*69.38*	
			For Elevated Installation >30' To 35', Add	*79.29*	
			For Elevated Installation >35' To 40', Add	*99.12*	
			For Elevated Installation >40', Add	*109.03*	
			For Work In Restricted Working Space, Add	*59.47*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.47*	

26 05 33 13-0970 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fittings *(26 05 33 13-0826)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0971	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	155.80	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-0972	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	234.26	23.70
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.85*	
		For Elevated Installation >25' To 30', Add	*16.59*	
		For Elevated Installation >30' To 35', Add	*18.96*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
		For Work In Restricted Working Space, Add	*14.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.22*	
26 05 33 13-0973	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	294.08	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.38*	
26 05 33 13-0974	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	339.48	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.96*	
26 05 33 13-0975	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	385.54	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Work In Restricted Working Space, Add	*21.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.55*	
26 05 33 13-0976	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	506.08	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.70*	
26 05 33 13-0977	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	1,579.79	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.64*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.51*	
		For Work In Restricted Working Space, Add	*29.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.73*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0978	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	1,846.25	67.52
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.02*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
		For Work In Restricted Working Space, Add	*40.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.51*	
26 05 33 13-0979	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	2,272.73	99.12
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.29*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
		For Work In Restricted Working Space, Add	*59.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.47*	

26 05 33 13-0980 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fittings *(26 05 33 13-0826)*

26 05 33 13-0981	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	172.61	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-0982	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	250.12	23.70
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.85*	
		For Elevated Installation >25' To 30', Add	*16.59*	
		For Elevated Installation >30' To 35', Add	*18.96*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
		For Work In Restricted Working Space, Add	*14.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.22*	
26 05 33 13-0983	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	297.10	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.38*	
26 05 33 13-0984	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	344.45	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.96*	
26 05 33 13-0985	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	399.18	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Work In Restricted Working Space, Add	*21.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0986	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	625.99	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.70*	
26 05 33 13-0987	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	1,760.72	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.64*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.51*	
		For Work In Restricted Working Space, Add	*29.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.73*	
26 05 33 13-0988	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	2,477.94	67.52
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.02*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
		For Work In Restricted Working Space, Add	*40.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.51*	
26 05 33 13-0989	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	2,592.51	99.12
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.29*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
		For Work In Restricted Working Space, Add	*59.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.47*	

26 05 33 13-0990 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fittings *(26 05 33 13-0826)*

26 05 33 13-0991	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	137.28	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-0992	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	173.41	23.70
		For Elevated Installation >10' To 15', Add	*4.74*	
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Elevated Installation >20' To 25', Add	*11.85*	
		For Elevated Installation >25' To 30', Add	*16.59*	
		For Elevated Installation >30' To 35', Add	*18.96*	
		For Elevated Installation >35' To 40', Add	*23.71*	
		For Elevated Installation >40', Add	*26.08*	
		For Work In Restricted Working Space, Add	*14.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.22*	
26 05 33 13-0993	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	207.56	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0994	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	230.24	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.96*	
26 05 33 13-0995	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	308.87	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Work In Restricted Working Space, Add	*21.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.55*	
26 05 33 13-0996	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	434.60	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.70*	
26 05 33 13-0997	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,429.93	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.64*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.51*	
		For Work In Restricted Working Space, Add	*29.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.73*	
26 05 33 13-0998	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,611.92	67.52
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.02*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
		For Work In Restricted Working Space, Add	*40.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.51*	
26 05 33 13-0999	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,918.93	99.12
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.29*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
		For Work In Restricted Working Space, Add	*59.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.47*	

26 05 33 13-1000 Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0826)*

Note: Suitable for use in hazardous locations. Class I, Div 2.

26 05 33 13-1001	EA	1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	127.52	34.48
		For Elevated Installation >10' To 15', Add	*6.90*	
		For Elevated Installation >15' To 20', Add	*13.79*	
		For Elevated Installation >20' To 25', Add	*17.24*	
		For Elevated Installation >25' To 30', Add	*24.14*	
		For Elevated Installation >30' To 35', Add	*27.58*	
		For Elevated Installation >35' To 40', Add	*34.48*	
		For Elevated Installation >40', Add	*37.93*	
		For Work In Restricted Working Space, Add	*20.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1002	EA	3/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	143.94	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.70*	
26 05 33 13-1003	EA	1" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	177.39	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.26*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.15*	
26 05 33 13-1004	EA	1-1/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	230.99	52.43
		For Elevated Installation >10' To 15', Add	*10.49*	
		For Elevated Installation >15' To 20', Add	*20.97*	
		For Elevated Installation >20' To 25', Add	*26.22*	
		For Elevated Installation >25' To 30', Add	*36.70*	
		For Elevated Installation >30' To 35', Add	*41.95*	
		For Elevated Installation >35' To 40', Add	*52.44*	
		For Elevated Installation >40', Add	*57.68*	
		For Work In Restricted Working Space, Add	*31.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.46*	
26 05 33 13-1005	EA	1-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	268.93	57.47
		For Elevated Installation >10' To 15', Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*22.98*	
		For Elevated Installation >20' To 25', Add	*28.73*	
		For Elevated Installation >25' To 30', Add	*40.22*	
		For Elevated Installation >30' To 35', Add	*45.97*	
		For Elevated Installation >35' To 40', Add	*57.46*	
		For Elevated Installation >40', Add	*63.21*	
		For Work In Restricted Working Space, Add	*34.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.48*	
26 05 33 13-1006	EA	2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	364.97	68.96
		For Elevated Installation >10' To 15', Add	*13.79*	
		For Elevated Installation >15' To 20', Add	*27.58*	
		For Elevated Installation >20' To 25', Add	*34.48*	
		For Elevated Installation >25' To 30', Add	*48.27*	
		For Elevated Installation >30' To 35', Add	*55.16*	
		For Elevated Installation >35' To 40', Add	*68.96*	
		For Elevated Installation >40', Add	*75.85*	
		For Work In Restricted Working Space, Add	*41.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.37*	
26 05 33 13-1007	EA	2-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	610.62	96.97
		For Elevated Installation >10' To 15', Add	*19.39*	
		For Elevated Installation >15' To 20', Add	*38.79*	
		For Elevated Installation >20' To 25', Add	*48.49*	
		For Elevated Installation >25' To 30', Add	*67.88*	
		For Elevated Installation >30' To 35', Add	*77.58*	
		For Elevated Installation >35' To 40', Add	*96.97*	
		For Elevated Installation >40', Add	*106.67*	
		For Work In Restricted Working Space, Add	*58.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.18*	
26 05 33 13-1008	EA	3" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	782.75	129.29
		For Elevated Installation >10' To 15', Add	*25.86*	
		For Elevated Installation >15' To 20', Add	*51.72*	
		For Elevated Installation >20' To 25', Add	*64.65*	
		For Elevated Installation >25' To 30', Add	*90.51*	
		For Elevated Installation >30' To 35', Add	*103.44*	
		For Elevated Installation >35' To 40', Add	*129.30*	
		For Elevated Installation >40', Add	*142.22*	
		For Work In Restricted Working Space, Add	*77.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.58*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1009		EA	3-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,084.77	161.61
			For Elevated Installation >10' To 15', Add	*32.32*	
			For Elevated Installation >15' To 20', Add	*64.64*	
			For Elevated Installation >20' To 25', Add	*80.81*	
			For Elevated Installation >25' To 30', Add	*113.13*	
			For Elevated Installation >30' To 35', Add	*129.29*	
			For Elevated Installation >35' To 40', Add	*161.61*	
			For Elevated Installation >40', Add	*177.77*	
			For Work In Restricted Working Space, Add	*96.97*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.97*	
26 05 33 13-1010		EA	4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,247.27	196.81
			For Elevated Installation >10' To 15', Add	*39.36*	
			For Elevated Installation >15' To 20', Add	*78.72*	
			For Elevated Installation >20' To 25', Add	*98.41*	
			For Elevated Installation >25' To 30', Add	*137.77*	
			For Elevated Installation >30' To 35', Add	*157.45*	
			For Elevated Installation >35' To 40', Add	*196.81*	
			For Elevated Installation >40', Add	*216.49*	
			For Work In Restricted Working Space, Add	*118.09*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.09*	

26 05 33 13-1011 Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0826)*

Note: Suitable for use in hazardous locations. Class I, Div 2.

26 05 33 13-1012		EA	1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	166.64	45.26
			For Elevated Installation >10' To 15', Add	*9.05*	
			For Elevated Installation >15' To 20', Add	*18.10*	
			For Elevated Installation >20' To 25', Add	*22.63*	
			For Elevated Installation >25' To 30', Add	*31.68*	
			For Elevated Installation >30' To 35', Add	*36.20*	
			For Elevated Installation >35' To 40', Add	*45.25*	
			For Elevated Installation >40', Add	*49.78*	
			For Work In Restricted Working Space, Add	*27.15*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.15*	
26 05 33 13-1013		EA	3/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	189.71	50.28
			For Elevated Installation >10' To 15', Add	*10.06*	
			For Elevated Installation >15' To 20', Add	*20.11*	
			For Elevated Installation >20' To 25', Add	*25.14*	
			For Elevated Installation >25' To 30', Add	*35.20*	
			For Elevated Installation >30' To 35', Add	*40.22*	
			For Elevated Installation >35' To 40', Add	*50.28*	
			For Elevated Installation >40', Add	*55.31*	
			For Work In Restricted Working Space, Add	*30.17*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.17*	
26 05 33 13-1014		EA	1" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	230.69	55.31
			For Elevated Installation >10' To 15', Add	*11.06*	
			For Elevated Installation >15' To 20', Add	*22.12*	
			For Elevated Installation >20' To 25', Add	*27.65*	
			For Elevated Installation >25' To 30', Add	*38.71*	
			For Elevated Installation >30' To 35', Add	*44.24*	
			For Elevated Installation >35' To 40', Add	*55.31*	
			For Elevated Installation >40', Add	*60.84*	
			For Work In Restricted Working Space, Add	*33.18*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.18*	
26 05 33 13-1015		EA	1-1/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	308.36	63.21
			For Elevated Installation >10' To 15', Add	*12.64*	
			For Elevated Installation >15' To 20', Add	*25.28*	
			For Elevated Installation >20' To 25', Add	*31.60*	
			For Elevated Installation >25' To 30', Add	*44.24*	
			For Elevated Installation >30' To 35', Add	*50.56*	
			For Elevated Installation >35' To 40', Add	*63.21*	
			For Elevated Installation >40', Add	*69.53*	
			For Work In Restricted Working Space, Add	*37.92*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.92*	
26 05 33 13-1016		EA	1-1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	363.44	68.96
			For Elevated Installation >10' To 15', Add	*13.79*	
			For Elevated Installation >15' To 20', Add	*27.58*	
			For Elevated Installation >20' To 25', Add	*34.48*	
			For Elevated Installation >25' To 30', Add	*48.27*	
			For Elevated Installation >30' To 35', Add	*55.16*	
			For Elevated Installation >35' To 40', Add	*68.96*	
			For Elevated Installation >40', Add	*75.85*	
			For Work In Restricted Working Space, Add	*41.37*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.37*	
26 05 33 13-1017		EA	2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	493.47	84.76
			For Elevated Installation >10' To 15', Add	*16.95*	
			For Elevated Installation >15' To 20', Add	*33.90*	
			For Elevated Installation >20' To 25', Add	*42.38*	
			For Elevated Installation >25' To 30', Add	*59.33*	
			For Elevated Installation >30' To 35', Add	*67.80*	
			For Elevated Installation >35' To 40', Add	*84.76*	
			For Elevated Installation >40', Add	*93.23*	
			For Work In Restricted Working Space, Add	*50.85*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1018		Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0826)*		
		Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-1019	EA	1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	146.60	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.70*	
26 05 33 13-1020	EA	3/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	167.42	45.97
		For Elevated Installation >10' To 15', Add	*9.19*	
		For Elevated Installation >15' To 20', Add	*18.39*	
		For Elevated Installation >20' To 25', Add	*22.99*	
		For Elevated Installation >25' To 30', Add	*32.18*	
		For Elevated Installation >30' To 35', Add	*36.78*	
		For Elevated Installation >35' To 40', Add	*45.97*	
		For Elevated Installation >40', Add	*50.57*	
		For Work In Restricted Working Space, Add	*27.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.58*	
26 05 33 13-1021	EA	1" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	201.69	50.28
		For Elevated Installation >10' To 15', Add	*10.06*	
		For Elevated Installation >15' To 20', Add	*20.11*	
		For Elevated Installation >20' To 25', Add	*25.14*	
		For Elevated Installation >25' To 30', Add	*35.20*	
		For Elevated Installation >30' To 35', Add	*40.22*	
		For Elevated Installation >35' To 40', Add	*50.28*	
		For Elevated Installation >40', Add	*55.31*	
		For Work In Restricted Working Space, Add	*30.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.17*	
26 05 33 13-1022	EA	1-1/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	257.29	57.47
		For Elevated Installation >10' To 15', Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*22.98*	
		For Elevated Installation >20' To 25', Add	*28.73*	
		For Elevated Installation >25' To 30', Add	*40.22*	
		For Elevated Installation >30' To 35', Add	*45.97*	
		For Elevated Installation >35' To 40', Add	*57.46*	
		For Elevated Installation >40', Add	*63.21*	
		For Work In Restricted Working Space, Add	*34.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.48*	
26 05 33 13-1023	EA	1-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	304.22	63.21
		For Elevated Installation >10' To 15', Add	*12.64*	
		For Elevated Installation >15' To 20', Add	*25.28*	
		For Elevated Installation >20' To 25', Add	*31.61*	
		For Elevated Installation >25' To 30', Add	*44.25*	
		For Elevated Installation >30' To 35', Add	*50.57*	
		For Elevated Installation >35' To 40', Add	*63.21*	
		For Elevated Installation >40', Add	*69.53*	
		For Work In Restricted Working Space, Add	*37.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.93*	
26 05 33 13-1024	EA	2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	406.15	73.98
		For Elevated Installation >10' To 15', Add	*14.80*	
		For Elevated Installation >15' To 20', Add	*29.59*	
		For Elevated Installation >20' To 25', Add	*36.99*	
		For Elevated Installation >25' To 30', Add	*51.79*	
		For Elevated Installation >30' To 35', Add	*59.19*	
		For Elevated Installation >35' To 40', Add	*73.99*	
		For Elevated Installation >40', Add	*81.38*	
		For Work In Restricted Working Space, Add	*44.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.39*	
26 05 33 13-1025	EA	2-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	651.61	107.74
		For Elevated Installation >10' To 15', Add	*21.55*	
		For Elevated Installation >15' To 20', Add	*43.10*	
		For Elevated Installation >20' To 25', Add	*53.87*	
		For Elevated Installation >25' To 30', Add	*75.42*	
		For Elevated Installation >30' To 35', Add	*86.20*	
		For Elevated Installation >35' To 40', Add	*107.75*	
		For Elevated Installation >40', Add	*118.52*	
		For Work In Restricted Working Space, Add	*64.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.65*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1026	EA	3" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	862.09	140.07
		For Elevated Installation >10' To 15', Add	*28.01*	
		For Elevated Installation >15' To 20', Add	*56.02*	
		For Elevated Installation >20' To 25', Add	*70.03*	
		For Elevated Installation >25' To 30', Add	*98.04*	
		For Elevated Installation >30' To 35', Add	*112.05*	
		For Elevated Installation >35' To 40', Add	*140.06*	
		For Elevated Installation >40', Add	*154.07*	
		For Work In Restricted Working Space, Add	*84.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.04*	
26 05 33 13-1027	EA	3-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,181.25	172.39
		For Elevated Installation >10' To 15', Add	*34.48*	
		For Elevated Installation >15' To 20', Add	*68.95*	
		For Elevated Installation >20' To 25', Add	*86.19*	
		For Elevated Installation >25' To 30', Add	*120.67*	
		For Elevated Installation >30' To 35', Add	*137.91*	
		For Elevated Installation >35' To 40', Add	*172.39*	
		For Elevated Installation >40', Add	*189.62*	
		For Work In Restricted Working Space, Add	*103.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*103.43*	
26 05 33 13-1028	EA	4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,322.65	207.58
		For Elevated Installation >10' To 15', Add	*41.52*	
		For Elevated Installation >15' To 20', Add	*83.04*	
		For Elevated Installation >20' To 25', Add	*103.80*	
		For Elevated Installation >25' To 30', Add	*145.31*	
		For Elevated Installation >30' To 35', Add	*166.07*	
		For Elevated Installation >35' To 40', Add	*207.59*	
		For Elevated Installation >40', Add	*228.35*	
		For Work In Restricted Working Space, Add	*124.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.55*	

26 05 33 13-1029 Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined *(26 05 33 13-0826)*

26 05 33 13-1030	EA	1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	29.39	4.31
		For Elevated Installation >10' To 15', Add	*0.86*	
		For Elevated Installation >15' To 20', Add	*1.72*	
		For Elevated Installation >20' To 25', Add	*2.16*	
		For Elevated Installation >25' To 30', Add	*3.02*	
		For Elevated Installation >30' To 35', Add	*3.45*	
		For Elevated Installation >35' To 40', Add	*4.31*	
		For Elevated Installation >40', Add	*4.74*	
		For Work In Restricted Working Space, Add	*2.59*	
26 05 33 13-1031	EA	3/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	33.00	5.03
		For Elevated Installation >10' To 15', Add	*1.01*	
		For Elevated Installation >15' To 20', Add	*2.01*	
		For Elevated Installation >20' To 25', Add	*2.52*	
		For Elevated Installation >25' To 30', Add	*3.52*	
		For Elevated Installation >30' To 35', Add	*4.02*	
		For Elevated Installation >35' To 40', Add	*5.03*	
		For Elevated Installation >40', Add	*5.53*	
		For Work In Restricted Working Space, Add	*3.02*	
26 05 33 13-1032	EA	1" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	43.02	6.47
		For Elevated Installation >10' To 15', Add	*1.29*	
		For Elevated Installation >15' To 20', Add	*2.59*	
		For Elevated Installation >20' To 25', Add	*3.23*	
		For Elevated Installation >25' To 30', Add	*4.53*	
		For Elevated Installation >30' To 35', Add	*5.17*	
		For Elevated Installation >35' To 40', Add	*6.47*	
		For Elevated Installation >40', Add	*7.11*	
		For Work In Restricted Working Space, Add	*3.88*	
26 05 33 13-1033	EA	1-1/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	55.26	7.90
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Work In Restricted Working Space, Add	*4.74*	
26 05 33 13-1034	EA	1-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	61.95	9.33
		For Elevated Installation >10' To 15', Add	*1.87*	
		For Elevated Installation >15' To 20', Add	*3.74*	
		For Elevated Installation >20' To 25', Add	*4.67*	
		For Elevated Installation >25' To 30', Add	*6.54*	
		For Elevated Installation >30' To 35', Add	*7.47*	
		For Elevated Installation >35' To 40', Add	*9.34*	
		For Elevated Installation >40', Add	*10.27*	
		For Work In Restricted Working Space, Add	*5.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1035	EA	2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	76.55	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
26 05 33 13-1036	EA	2-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	98.79	12.21
		For Elevated Installation >10' To 15', Add	*2.44*	
		For Elevated Installation >15' To 20', Add	*4.88*	
		For Elevated Installation >20' To 25', Add	*6.11*	
		For Elevated Installation >25' To 30', Add	*8.55*	
		For Elevated Installation >30' To 35', Add	*9.77*	
		For Elevated Installation >35' To 40', Add	*12.21*	
		For Elevated Installation >40', Add	*13.43*	
		For Work In Restricted Working Space, Add	*7.33*	
26 05 33 13-1037	EA	3" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	108.85	17.23
		For Elevated Installation >10' To 15', Add	*3.45*	
		For Elevated Installation >15' To 20', Add	*6.90*	
		For Elevated Installation >20' To 25', Add	*8.62*	
		For Elevated Installation >25' To 30', Add	*12.07*	
		For Elevated Installation >30' To 35', Add	*13.79*	
		For Elevated Installation >35' To 40', Add	*17.24*	
		For Elevated Installation >40', Add	*18.96*	
		For Work In Restricted Working Space, Add	*10.34*	
26 05 33 13-1038	EA	3-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	132.05	19.39
		For Elevated Installation >10' To 15', Add	*3.88*	
		For Elevated Installation >15' To 20', Add	*7.76*	
		For Elevated Installation >20' To 25', Add	*9.70*	
		For Elevated Installation >25' To 30', Add	*13.58*	
		For Elevated Installation >30' To 35', Add	*15.52*	
		For Elevated Installation >35' To 40', Add	*19.40*	
		For Elevated Installation >40', Add	*21.33*	
		For Work In Restricted Working Space, Add	*11.64*	
26 05 33 13-1039	EA	4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	142.10	24.42
		For Elevated Installation >10' To 15', Add	*4.88*	
		For Elevated Installation >15' To 20', Add	*9.77*	
		For Elevated Installation >20' To 25', Add	*12.21*	
		For Elevated Installation >25' To 30', Add	*17.09*	
		For Elevated Installation >30' To 35', Add	*19.54*	
		For Elevated Installation >35' To 40', Add	*24.42*	
		For Elevated Installation >40', Add	*26.86*	
		For Work In Restricted Working Space, Add	*14.65*	

26 05 33 13-1040 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Bodies *(26 05 33 13-0826)*

26 05 33 13-1041	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	143.26	34.48
		For Elevated Installation >10' To 15', Add	*6.90*	
		For Elevated Installation >15' To 20', Add	*13.79*	
		For Elevated Installation >20' To 25', Add	*17.24*	
		For Elevated Installation >25' To 30', Add	*24.14*	
		For Elevated Installation >30' To 35', Add	*27.58*	
		For Elevated Installation >35' To 40', Add	*34.48*	
		For Elevated Installation >40', Add	*37.93*	
		For Work In Restricted Working Space, Add	*20.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 05 33 13-1042	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	158.91	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.70*	
26 05 33 13-1043	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	185.42	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1044	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	219.83	52.43
		For Elevated Installation >10' To 15', Add	*10.49*	
		For Elevated Installation >15' To 20', Add	*20.97*	
		For Elevated Installation >20' To 25', Add	*26.22*	
		For Elevated Installation >25' To 30', Add	*36.70*	
		For Elevated Installation >30' To 35', Add	*41.95*	
		For Elevated Installation >35' To 40', Add	*52.44*	
		For Elevated Installation >40', Add	*57.68*	
		For Work In Restricted Working Space, Add	*31.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.46*	
26 05 33 13-1045	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	272.07	57.47
		For Elevated Installation >10' To 15', Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*22.98*	
		For Elevated Installation >20' To 25', Add	*28.73*	
		For Elevated Installation >25' To 30', Add	*40.22*	
		For Elevated Installation >30' To 35', Add	*45.97*	
		For Elevated Installation >35' To 40', Add	*57.46*	
		For Elevated Installation >40', Add	*63.21*	
		For Work In Restricted Working Space, Add	*34.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.48*	
26 05 33 13-1046	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	329.59	68.96
		For Elevated Installation >10' To 15', Add	*13.79*	
		For Elevated Installation >15' To 20', Add	*27.58*	
		For Elevated Installation >20' To 25', Add	*34.48*	
		For Elevated Installation >25' To 30', Add	*48.27*	
		For Elevated Installation >30' To 35', Add	*55.16*	
		For Elevated Installation >35' To 40', Add	*68.96*	
		For Elevated Installation >40', Add	*75.85*	
		For Work In Restricted Working Space, Add	*41.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.37*	
26 05 33 13-1047	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	476.72	96.97
		For Elevated Installation >10' To 15', Add	*19.39*	
		For Elevated Installation >15' To 20', Add	*38.79*	
		For Elevated Installation >20' To 25', Add	*48.48*	
		For Elevated Installation >25' To 30', Add	*67.88*	
		For Elevated Installation >30' To 35', Add	*77.57*	
		For Elevated Installation >35' To 40', Add	*96.97*	
		For Elevated Installation >40', Add	*106.66*	
		For Work In Restricted Working Space, Add	*58.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.18*	
26 05 33 13-1048	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	612.26	129.29
		For Elevated Installation >10' To 15', Add	*25.86*	
		For Elevated Installation >15' To 20', Add	*51.72*	
		For Elevated Installation >20' To 25', Add	*64.65*	
		For Elevated Installation >25' To 30', Add	*90.50*	
		For Elevated Installation >30' To 35', Add	*103.43*	
		For Elevated Installation >35' To 40', Add	*129.29*	
		For Elevated Installation >40', Add	*142.22*	
		For Work In Restricted Working Space, Add	*77.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.57*	
26 05 33 13-1049	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	1,205.51	161.61
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
		For Work In Restricted Working Space, Add	*96.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.97*	
26 05 33 13-1050	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	1,757.45	196.81
		For Elevated Installation >10' To 15', Add	*39.36*	
		For Elevated Installation >15' To 20', Add	*78.72*	
		For Elevated Installation >20' To 25', Add	*98.41*	
		For Elevated Installation >25' To 30', Add	*137.77*	
		For Elevated Installation >30' To 35', Add	*157.45*	
		For Elevated Installation >35' To 40', Add	*196.81*	
		For Elevated Installation >40', Add	*216.49*	
		For Work In Restricted Working Space, Add	*118.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.09*	

26 05 33 13-1051 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Bodies *(26 05 33 13-0826)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1052	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	239.97	34.48
		For Elevated Installation >10' To 15', Add	*6.90*	
		For Elevated Installation >15' To 20', Add	*13.79*	
		For Elevated Installation >20' To 25', Add	*17.24*	
		For Elevated Installation >25' To 30', Add	*24.14*	
		For Elevated Installation >30' To 35', Add	*27.58*	
		For Elevated Installation >35' To 40', Add	*34.48*	
		For Elevated Installation >40', Add	*37.93*	
		For Work In Restricted Working Space, Add	*20.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 05 33 13-1053	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	258.91	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.70*	
26 05 33 13-1054	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	295.68	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.15*	
26 05 33 13-1055	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	331.35	52.43
		For Elevated Installation >10' To 15', Add	*10.49*	
		For Elevated Installation >15' To 20', Add	*20.97*	
		For Elevated Installation >20' To 25', Add	*26.22*	
		For Elevated Installation >25' To 30', Add	*36.70*	
		For Elevated Installation >30' To 35', Add	*41.95*	
		For Elevated Installation >35' To 40', Add	*52.44*	
		For Elevated Installation >40', Add	*57.68*	
		For Work In Restricted Working Space, Add	*31.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.46*	
26 05 33 13-1056	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	400.44	57.47
		For Elevated Installation >10' To 15', Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*22.98*	
		For Elevated Installation >20' To 25', Add	*28.73*	
		For Elevated Installation >25' To 30', Add	*40.22*	
		For Elevated Installation >30' To 35', Add	*45.97*	
		For Elevated Installation >35' To 40', Add	*57.46*	
		For Elevated Installation >40', Add	*63.21*	
		For Work In Restricted Working Space, Add	*34.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.48*	
26 05 33 13-1057	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	451.70	68.96
		For Elevated Installation >10' To 15', Add	*13.79*	
		For Elevated Installation >15' To 20', Add	*27.58*	
		For Elevated Installation >20' To 25', Add	*34.48*	
		For Elevated Installation >25' To 30', Add	*48.27*	
		For Elevated Installation >30' To 35', Add	*55.16*	
		For Elevated Installation >35' To 40', Add	*68.96*	
		For Elevated Installation >40', Add	*75.85*	
		For Work In Restricted Working Space, Add	*41.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.37*	
26 05 33 13-1058	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	635.48	96.97
		For Elevated Installation >10' To 15', Add	*19.39*	
		For Elevated Installation >15' To 20', Add	*38.79*	
		For Elevated Installation >20' To 25', Add	*48.48*	
		For Elevated Installation >25' To 30', Add	*67.88*	
		For Elevated Installation >30' To 35', Add	*77.57*	
		For Elevated Installation >35' To 40', Add	*96.97*	
		For Elevated Installation >40', Add	*106.66*	
		For Work In Restricted Working Space, Add	*58.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.18*	
26 05 33 13-1059	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	884.16	129.29
		For Elevated Installation >10' To 15', Add	*25.86*	
		For Elevated Installation >15' To 20', Add	*51.72*	
		For Elevated Installation >20' To 25', Add	*64.65*	
		For Elevated Installation >25' To 30', Add	*90.50*	
		For Elevated Installation >30' To 35', Add	*103.43*	
		For Elevated Installation >35' To 40', Add	*129.29*	
		For Elevated Installation >40', Add	*142.22*	
		For Work In Restricted Working Space, Add	*77.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1060	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,284.47	161.61
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
		For Work In Restricted Working Space, Add	*96.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.97*	
26 05 33 13-1061	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,860.77	196.81
		For Elevated Installation >10' To 15', Add	*39.36*	
		For Elevated Installation >15' To 20', Add	*78.72*	
		For Elevated Installation >20' To 25', Add	*98.41*	
		For Elevated Installation >25' To 30', Add	*137.77*	
		For Elevated Installation >30' To 35', Add	*157.45*	
		For Elevated Installation >35' To 40', Add	*196.81*	
		For Elevated Installation >40', Add	*216.49*	
		For Work In Restricted Working Space, Add	*118.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.09*	

26 05 33 13-1062 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Bodies *(26 05 33 13-0826)*

26 05 33 13-1063	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	193.41	34.48
		For Elevated Installation >10' To 15', Add	*6.90*	
		For Elevated Installation >15' To 20', Add	*13.79*	
		For Elevated Installation >20' To 25', Add	*17.24*	
		For Elevated Installation >25' To 30', Add	*24.14*	
		For Elevated Installation >30' To 35', Add	*27.58*	
		For Elevated Installation >35' To 40', Add	*34.48*	
		For Elevated Installation >40', Add	*37.93*	
		For Work In Restricted Working Space, Add	*20.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 05 33 13-1064	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	206.77	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.70*	
26 05 33 13-1065	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	237.53	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.15*	
26 05 33 13-1066	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	265.40	52.43
		For Elevated Installation >10' To 15', Add	*10.49*	
		For Elevated Installation >15' To 20', Add	*20.97*	
		For Elevated Installation >20' To 25', Add	*26.22*	
		For Elevated Installation >25' To 30', Add	*36.70*	
		For Elevated Installation >30' To 35', Add	*41.95*	
		For Elevated Installation >35' To 40', Add	*52.44*	
		For Elevated Installation >40', Add	*57.68*	
		For Work In Restricted Working Space, Add	*31.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.46*	
26 05 33 13-1067	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	362.04	57.47
		For Elevated Installation >10' To 15', Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*22.98*	
		For Elevated Installation >20' To 25', Add	*28.73*	
		For Elevated Installation >25' To 30', Add	*40.22*	
		For Elevated Installation >30' To 35', Add	*45.97*	
		For Elevated Installation >35' To 40', Add	*57.46*	
		For Elevated Installation >40', Add	*63.21*	
		For Work In Restricted Working Space, Add	*34.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.48*	
26 05 33 13-1068	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	454.02	68.96
		For Elevated Installation >10' To 15', Add	*13.79*	
		For Elevated Installation >15' To 20', Add	*27.58*	
		For Elevated Installation >20' To 25', Add	*34.48*	
		For Elevated Installation >25' To 30', Add	*48.27*	
		For Elevated Installation >30' To 35', Add	*55.16*	
		For Elevated Installation >35' To 40', Add	*68.96*	
		For Elevated Installation >40', Add	*75.85*	
		For Work In Restricted Working Space, Add	*41.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.37*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1069	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	703.00	96.97
		For Elevated Installation >10' To 15', Add	*19.39*	
		For Elevated Installation >15' To 20', Add	*38.79*	
		For Elevated Installation >20' To 25', Add	*48.48*	
		For Elevated Installation >25' To 30', Add	*67.88*	
		For Elevated Installation >30' To 35', Add	*77.57*	
		For Elevated Installation >35' To 40', Add	*96.97*	
		For Elevated Installation >40', Add	*106.66*	
		For Work In Restricted Working Space, Add	*58.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.18*	
26 05 33 13-1070	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	1,021.53	129.29
		For Elevated Installation >10' To 15', Add	*25.86*	
		For Elevated Installation >15' To 20', Add	*51.72*	
		For Elevated Installation >20' To 25', Add	*64.65*	
		For Elevated Installation >25' To 30', Add	*90.50*	
		For Elevated Installation >30' To 35', Add	*103.43*	
		For Elevated Installation >35' To 40', Add	*129.29*	
		For Elevated Installation >40', Add	*142.22*	
		For Work In Restricted Working Space, Add	*77.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.57*	
26 05 33 13-1071	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	1,284.47	161.61
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
		For Work In Restricted Working Space, Add	*96.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.97*	

26 05 33 13-1072 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Bodies *(26 05 33 13-0826)*

26 05 33 13-1073	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	253.64	34.48
		For Elevated Installation >10' To 15', Add	*6.90*	
		For Elevated Installation >15' To 20', Add	*13.79*	
		For Elevated Installation >20' To 25', Add	*17.24*	
		For Elevated Installation >25' To 30', Add	*24.14*	
		For Elevated Installation >30' To 35', Add	*27.58*	
		For Elevated Installation >35' To 40', Add	*34.48*	
		For Elevated Installation >40', Add	*37.93*	
		For Work In Restricted Working Space, Add	*20.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 05 33 13-1074	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	281.70	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.70*	
26 05 33 13-1075	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	348.42	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.15*	
26 05 33 13-1076	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	428.88	52.43
		For Elevated Installation >10' To 15', Add	*10.49*	
		For Elevated Installation >15' To 20', Add	*20.97*	
		For Elevated Installation >20' To 25', Add	*26.22*	
		For Elevated Installation >25' To 30', Add	*36.70*	
		For Elevated Installation >30' To 35', Add	*41.95*	
		For Elevated Installation >35' To 40', Add	*52.44*	
		For Elevated Installation >40', Add	*57.68*	
		For Work In Restricted Working Space, Add	*31.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1077	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	593.01	57.47
		For Elevated Installation >10' To 15', Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*22.98*	
		For Elevated Installation >20' To 25', Add	*28.73*	
		For Elevated Installation >25' To 30', Add	*40.22*	
		For Elevated Installation >30' To 35', Add	*45.97*	
		For Elevated Installation >35' To 40', Add	*57.46*	
		For Elevated Installation >40', Add	*63.21*	
		For Work In Restricted Working Space, Add	*34.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.48*	
26 05 33 13-1078	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	710.73	68.96
		For Elevated Installation >10' To 15', Add	*13.79*	
		For Elevated Installation >15' To 20', Add	*27.58*	
		For Elevated Installation >20' To 25', Add	*34.48*	
		For Elevated Installation >25' To 30', Add	*48.27*	
		For Elevated Installation >30' To 35', Add	*55.16*	
		For Elevated Installation >35' To 40', Add	*68.96*	
		For Elevated Installation >40', Add	*75.85*	
		For Work In Restricted Working Space, Add	*41.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.37*	

26 05 33 13-1079 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Couplings *(26 05 33 13-0826)*

26 05 33 13-1080	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	50.26	13.82
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
		For Work In Restricted Working Space, Add	*8.29*	
26 05 33 13-1081	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	66.30	16.57
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.63*	
		For Elevated Installation >20' To 25', Add	*8.29*	
		For Elevated Installation >25' To 30', Add	*11.60*	
		For Elevated Installation >30' To 35', Add	*13.26*	
		For Elevated Installation >35' To 40', Add	*16.58*	
		For Elevated Installation >40', Add	*18.23*	
		For Work In Restricted Working Space, Add	*9.95*	
26 05 33 13-1082	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	84.45	22.10
		For Elevated Installation >10' To 15', Add	*4.42*	
		For Elevated Installation >15' To 20', Add	*8.84*	
		For Elevated Installation >20' To 25', Add	*11.05*	
		For Elevated Installation >25' To 30', Add	*15.47*	
		For Elevated Installation >30' To 35', Add	*17.68*	
		For Elevated Installation >35' To 40', Add	*22.10*	
		For Elevated Installation >40', Add	*24.31*	
		For Work In Restricted Working Space, Add	*13.26*	
26 05 33 13-1083	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	115.67	27.63
		For Elevated Installation >10' To 15', Add	*5.53*	
		For Elevated Installation >15' To 20', Add	*11.05*	
		For Elevated Installation >20' To 25', Add	*13.81*	
		For Elevated Installation >25' To 30', Add	*19.34*	
		For Elevated Installation >30' To 35', Add	*22.10*	
		For Elevated Installation >35' To 40', Add	*27.63*	
		For Elevated Installation >40', Add	*30.39*	
		For Work In Restricted Working Space, Add	*16.58*	
26 05 33 13-1084	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	151.18	33.15
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.15*	
		For Elevated Installation >40', Add	*36.47*	
		For Work In Restricted Working Space, Add	*19.89*	
26 05 33 13-1085	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	256.82	38.68
		For Elevated Installation >10' To 15', Add	*7.74*	
		For Elevated Installation >15' To 20', Add	*15.47*	
		For Elevated Installation >20' To 25', Add	*19.34*	
		For Elevated Installation >25' To 30', Add	*27.08*	
		For Elevated Installation >30' To 35', Add	*30.94*	
		For Elevated Installation >35' To 40', Add	*38.68*	
		For Elevated Installation >40', Add	*42.55*	
		For Work In Restricted Working Space, Add	*23.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1086	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	370.95	44.20
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
		For Work In Restricted Working Space, Add	*26.52*	
26 05 33 13-1087	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	461.78	49.73
		For Elevated Installation >10' To 15', Add	*9.95*	
		For Elevated Installation >15' To 20', Add	*19.89*	
		For Elevated Installation >20' To 25', Add	*24.86*	
		For Elevated Installation >25' To 30', Add	*34.81*	
		For Elevated Installation >30' To 35', Add	*39.78*	
		For Elevated Installation >35' To 40', Add	*49.73*	
		For Elevated Installation >40', Add	*54.70*	
		For Work In Restricted Working Space, Add	*29.84*	
26 05 33 13-1088	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	640.67	58.02
		For Elevated Installation >10' To 15', Add	*11.60*	
		For Elevated Installation >15' To 20', Add	*23.21*	
		For Elevated Installation >20' To 25', Add	*29.01*	
		For Elevated Installation >25' To 30', Add	*40.61*	
		For Elevated Installation >30' To 35', Add	*46.41*	
		For Elevated Installation >35' To 40', Add	*58.02*	
		For Elevated Installation >40', Add	*63.82*	
		For Work In Restricted Working Space, Add	*34.81*	
26 05 33 13-1089	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	777.12	66.30
		For Elevated Installation >10' To 15', Add	*13.26*	
		For Elevated Installation >15' To 20', Add	*26.52*	
		For Elevated Installation >20' To 25', Add	*33.15*	
		For Elevated Installation >25' To 30', Add	*46.41*	
		For Elevated Installation >30' To 35', Add	*53.04*	
		For Elevated Installation >35' To 40', Add	*66.31*	
		For Elevated Installation >40', Add	*72.94*	
		For Work In Restricted Working Space, Add	*39.78*	
26 05 33 13-1090	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	1,243.57	104.98
		For Elevated Installation >10' To 15', Add	*21.00*	
		For Elevated Installation >15' To 20', Add	*41.99*	
		For Elevated Installation >20' To 25', Add	*52.49*	
		For Elevated Installation >25' To 30', Add	*73.48*	
		For Elevated Installation >30' To 35', Add	*83.98*	
		For Elevated Installation >35' To 40', Add	*104.98*	
		For Elevated Installation >40', Add	*115.47*	
		For Work In Restricted Working Space, Add	*62.99*	
26 05 33 13-1091	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	1,703.08	160.23
		For Elevated Installation >10' To 15', Add	*32.05*	
		For Elevated Installation >15' To 20', Add	*64.09*	
		For Elevated Installation >20' To 25', Add	*80.12*	
		For Elevated Installation >25' To 30', Add	*112.16*	
		For Elevated Installation >30' To 35', Add	*128.19*	
		For Elevated Installation >35' To 40', Add	*160.24*	
		For Elevated Installation >40', Add	*176.26*	
		For Work In Restricted Working Space, Add	*96.14*	

26 05 33 13-1092 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbows *(26 05 33 13-0826)*

26 05 33 13-1093	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	182.79	34.48
		For Elevated Installation >10' To 15', Add	*6.90*	
		For Elevated Installation >15' To 20', Add	*13.79*	
		For Elevated Installation >20' To 25', Add	*17.24*	
		For Elevated Installation >25' To 30', Add	*24.14*	
		For Elevated Installation >30' To 35', Add	*27.58*	
		For Elevated Installation >35' To 40', Add	*34.48*	
		For Elevated Installation >40', Add	*37.93*	
		For Work In Restricted Working Space, Add	*20.69*	
26 05 33 13-1094	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	215.58	38.07
		For Elevated Installation >10' To 15', Add	*7.61*	
		For Elevated Installation >15' To 20', Add	*15.23*	
		For Elevated Installation >20' To 25', Add	*19.03*	
		For Elevated Installation >25' To 30', Add	*26.65*	
		For Elevated Installation >30' To 35', Add	*30.45*	
		For Elevated Installation >35' To 40', Add	*38.07*	
		For Elevated Installation >40', Add	*41.87*	
		For Work In Restricted Working Space, Add	*22.84*	
26 05 33 13-1095	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	238.50	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1096	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	340.38	52.43
		For Elevated Installation >10' To 15', Add	*10.49*	
		For Elevated Installation >15' To 20', Add	*20.97*	
		For Elevated Installation >20' To 25', Add	*26.22*	
		For Elevated Installation >25' To 30', Add	*36.70*	
		For Elevated Installation >30' To 35', Add	*41.95*	
		For Elevated Installation >35' To 40', Add	*52.44*	
		For Elevated Installation >40', Add	*57.68*	
		For Work In Restricted Working Space, Add	*31.46*	
26 05 33 13-1097	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	446.77	57.47
		For Elevated Installation >10' To 15', Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*22.98*	
		For Elevated Installation >20' To 25', Add	*28.73*	
		For Elevated Installation >25' To 30', Add	*40.22*	
		For Elevated Installation >30' To 35', Add	*45.97*	
		For Elevated Installation >35' To 40', Add	*57.46*	
		For Elevated Installation >40', Add	*63.21*	
		For Work In Restricted Working Space, Add	*34.48*	
26 05 33 13-1098	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	483.55	68.96
		For Elevated Installation >10' To 15', Add	*13.79*	
		For Elevated Installation >15' To 20', Add	*27.58*	
		For Elevated Installation >20' To 25', Add	*34.48*	
		For Elevated Installation >25' To 30', Add	*48.27*	
		For Elevated Installation >30' To 35', Add	*55.16*	
		For Elevated Installation >35' To 40', Add	*68.96*	
		For Elevated Installation >40', Add	*75.85*	
		For Work In Restricted Working Space, Add	*41.37*	
26 05 33 13-1099	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,129.47	95.53
		For Elevated Installation >10' To 15', Add	*19.11*	
		For Elevated Installation >15' To 20', Add	*38.21*	
		For Elevated Installation >20' To 25', Add	*47.77*	
		For Elevated Installation >25' To 30', Add	*66.87*	
		For Elevated Installation >30' To 35', Add	*76.43*	
		For Elevated Installation >35' To 40', Add	*95.54*	
		For Elevated Installation >40', Add	*105.09*	
		For Work In Restricted Working Space, Add	*57.32*	
26 05 33 13-1100	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,197.21	129.29
		For Elevated Installation >10' To 15', Add	*25.86*	
		For Elevated Installation >15' To 20', Add	*51.72*	
		For Elevated Installation >20' To 25', Add	*64.65*	
		For Elevated Installation >25' To 30', Add	*90.51*	
		For Elevated Installation >30' To 35', Add	*103.44*	
		For Elevated Installation >35' To 40', Add	*129.30*	
		For Elevated Installation >40', Add	*142.22*	
		For Work In Restricted Working Space, Add	*77.58*	
26 05 33 13-1101	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,949.09	161.61
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.65*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.30*	
		For Elevated Installation >35' To 40', Add	*161.62*	
		For Elevated Installation >40', Add	*177.78*	
		For Work In Restricted Working Space, Add	*96.97*	
26 05 33 13-1102	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	2,035.26	196.81
		For Elevated Installation >10' To 15', Add	*39.36*	
		For Elevated Installation >15' To 20', Add	*78.73*	
		For Elevated Installation >20' To 25', Add	*98.41*	
		For Elevated Installation >25' To 30', Add	*137.77*	
		For Elevated Installation >30' To 35', Add	*157.46*	
		For Elevated Installation >35' To 40', Add	*196.82*	
		For Elevated Installation >40', Add	*216.50*	
		For Work In Restricted Working Space, Add	*118.09*	

26 05 33 13-1103 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbows *(26 05 33 13-0826)*

26 05 33 13-1104	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	263.80	34.48
		For Elevated Installation >10' To 15', Add	*6.90*	
		For Elevated Installation >15' To 20', Add	*13.79*	
		For Elevated Installation >20' To 25', Add	*17.24*	
		For Elevated Installation >25' To 30', Add	*24.14*	
		For Elevated Installation >30' To 35', Add	*27.58*	
		For Elevated Installation >35' To 40', Add	*34.48*	
		For Elevated Installation >40', Add	*37.93*	
		For Work In Restricted Working Space, Add	*20.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1105	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	300.56	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-1106	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	587.01	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	
26 05 33 13-1107	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	616.72	52.43
		For Elevated Installation >10' To 15', Add	*10.49*	
		For Elevated Installation >15' To 20', Add	*20.97*	
		For Elevated Installation >20' To 25', Add	*26.22*	
		For Elevated Installation >25' To 30', Add	*36.70*	
		For Elevated Installation >30' To 35', Add	*41.95*	
		For Elevated Installation >35' To 40', Add	*52.44*	
		For Elevated Installation >40', Add	*57.68*	
		For Work In Restricted Working Space, Add	*31.46*	
26 05 33 13-1108	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	840.42	57.47
		For Elevated Installation >10' To 15', Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*22.98*	
		For Elevated Installation >20' To 25', Add	*28.73*	
		For Elevated Installation >25' To 30', Add	*40.22*	
		For Elevated Installation >30' To 35', Add	*45.97*	
		For Elevated Installation >35' To 40', Add	*57.46*	
		For Elevated Installation >40', Add	*63.21*	
		For Work In Restricted Working Space, Add	*34.48*	
26 05 33 13-1109	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	897.82	68.96
		For Elevated Installation >10' To 15', Add	*13.79*	
		For Elevated Installation >15' To 20', Add	*27.58*	
		For Elevated Installation >20' To 25', Add	*34.48*	
		For Elevated Installation >25' To 30', Add	*48.27*	
		For Elevated Installation >30' To 35', Add	*55.16*	
		For Elevated Installation >35' To 40', Add	*68.96*	
		For Elevated Installation >40', Add	*75.85*	
		For Work In Restricted Working Space, Add	*41.37*	
26 05 33 13-1110	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	1,719.81	96.97
		For Elevated Installation >10' To 15', Add	*19.39*	
		For Elevated Installation >15' To 20', Add	*38.79*	
		For Elevated Installation >20' To 25', Add	*48.48*	
		For Elevated Installation >25' To 30', Add	*67.88*	
		For Elevated Installation >30' To 35', Add	*77.57*	
		For Elevated Installation >35' To 40', Add	*96.97*	
		For Elevated Installation >40', Add	*106.66*	
		For Work In Restricted Working Space, Add	*58.18*	
26 05 33 13-1111	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	1,814.62	129.29
		For Elevated Installation >10' To 15', Add	*25.86*	
		For Elevated Installation >15' To 20', Add	*51.72*	
		For Elevated Installation >20' To 25', Add	*64.65*	
		For Elevated Installation >25' To 30', Add	*90.50*	
		For Elevated Installation >30' To 35', Add	*103.43*	
		For Elevated Installation >35' To 40', Add	*129.29*	
		For Elevated Installation >40', Add	*142.22*	
		For Work In Restricted Working Space, Add	*77.57*	
26 05 33 13-1112	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	2,653.34	161.61
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
		For Work In Restricted Working Space, Add	*96.97*	

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		MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1113	EA			4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	3,006.99	196.81
				For Elevated Installation >10' To 15', Add	*39.36*	
				For Elevated Installation >15' To 20', Add	*78.72*	
				For Elevated Installation >20' To 25', Add	*98.41*	
				For Elevated Installation >25' To 30', Add	*137.77*	
				For Elevated Installation >30' To 35', Add	*157.45*	
				For Elevated Installation >35' To 40', Add	*196.81*	
				For Elevated Installation >40', Add	*216.49*	
				For Work In Restricted Working Space, Add	*118.09*	

26 05 33 13-1114 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbows *(26 05 33 13-0826)*

26 05 33 13-1115	EA			1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	102.05	17.96
				For Elevated Installation >10' To 15', Add	*3.59*	
				For Elevated Installation >15' To 20', Add	*7.18*	
				For Elevated Installation >20' To 25', Add	*8.98*	
				For Elevated Installation >25' To 30', Add	*12.57*	
				For Elevated Installation >30' To 35', Add	*14.36*	
				For Elevated Installation >35' To 40', Add	*17.96*	
				For Elevated Installation >40', Add	*19.75*	
				For Work In Restricted Working Space, Add	*10.77*	
26 05 33 13-1116	EA			3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	119.00	22.27
				For Elevated Installation >10' To 15', Add	*4.45*	
				For Elevated Installation >15' To 20', Add	*8.91*	
				For Elevated Installation >20' To 25', Add	*11.13*	
				For Elevated Installation >25' To 30', Add	*15.59*	
				For Elevated Installation >30' To 35', Add	*17.81*	
				For Elevated Installation >35' To 40', Add	*22.27*	
				For Elevated Installation >40', Add	*24.49*	
				For Work In Restricted Working Space, Add	*13.36*	
26 05 33 13-1117	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	141.91	27.30
				For Elevated Installation >10' To 15', Add	*5.46*	
				For Elevated Installation >15' To 20', Add	*10.92*	
				For Elevated Installation >20' To 25', Add	*13.65*	
				For Elevated Installation >25' To 30', Add	*19.11*	
				For Elevated Installation >30' To 35', Add	*21.84*	
				For Elevated Installation >35' To 40', Add	*27.30*	
				For Elevated Installation >40', Add	*30.02*	
				For Work In Restricted Working Space, Add	*16.38*	
26 05 33 13-1118	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	167.40	31.60
				For Elevated Installation >10' To 15', Add	*6.32*	
				For Elevated Installation >15' To 20', Add	*12.64*	
				For Elevated Installation >20' To 25', Add	*15.80*	
				For Elevated Installation >25' To 30', Add	*22.12*	
				For Elevated Installation >30' To 35', Add	*25.28*	
				For Elevated Installation >35' To 40', Add	*31.61*	
				For Elevated Installation >40', Add	*34.77*	
				For Work In Restricted Working Space, Add	*18.96*	

26 05 33 13-1119 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbows *(26 05 33 13-0826)*

26 05 33 13-1120	EA			1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	80.94	17.96
				For Elevated Installation >10' To 15', Add	*3.59*	
				For Elevated Installation >15' To 20', Add	*7.18*	
				For Elevated Installation >20' To 25', Add	*8.98*	
				For Elevated Installation >25' To 30', Add	*12.57*	
				For Elevated Installation >30' To 35', Add	*14.36*	
				For Elevated Installation >35' To 40', Add	*17.96*	
				For Elevated Installation >40', Add	*19.75*	
				For Work In Restricted Working Space, Add	*10.77*	
26 05 33 13-1121	EA			3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	93.67	22.27
				For Elevated Installation >10' To 15', Add	*4.45*	
				For Elevated Installation >15' To 20', Add	*8.91*	
				For Elevated Installation >20' To 25', Add	*11.13*	
				For Elevated Installation >25' To 30', Add	*15.59*	
				For Elevated Installation >30' To 35', Add	*17.81*	
				For Elevated Installation >35' To 40', Add	*22.27*	
				For Elevated Installation >40', Add	*24.49*	
				For Work In Restricted Working Space, Add	*13.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1122	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	129.57	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	
26 05 33 13-1123	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	167.50	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-1124	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	203.71	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Work In Restricted Working Space, Add	*21.55*	
26 05 33 13-1125	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	291.07	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-1126	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	397.10	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
		For Work In Restricted Working Space, Add	*29.74*	
26 05 33 13-1127		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbows *(26 05 33 13-0826)*		
26 05 33 13-1128	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	102.10	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
26 05 33 13-1129	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	121.92	22.27
		For Elevated Installation >10' To 15', Add	*4.45*	
		For Elevated Installation >15' To 20', Add	*8.91*	
		For Elevated Installation >20' To 25', Add	*11.13*	
		For Elevated Installation >25' To 30', Add	*15.59*	
		For Elevated Installation >30' To 35', Add	*17.81*	
		For Elevated Installation >35' To 40', Add	*22.27*	
		For Elevated Installation >40', Add	*24.49*	
		For Work In Restricted Working Space, Add	*13.36*	
26 05 33 13-1130	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	141.93	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1131		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	167.45	31.60
			For Elevated Installation >10' To 15', Add	*6.32*	
			For Elevated Installation >15' To 20', Add	*12.64*	
			For Elevated Installation >20' To 25', Add	*15.80*	
			For Elevated Installation >25' To 30', Add	*22.12*	
			For Elevated Installation >30' To 35', Add	*25.28*	
			For Elevated Installation >35' To 40', Add	*31.61*	
			For Elevated Installation >40', Add	*34.77*	
			For Work In Restricted Working Space, Add	*18.96*	

26 05 33 13-1132 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbows *(26 05 33 13-0826)*

26 05 33 13-1133		EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	81.02	17.96
			For Elevated Installation >10' To 15', Add	*3.59*	
			For Elevated Installation >15' To 20', Add	*7.18*	
			For Elevated Installation >20' To 25', Add	*8.98*	
			For Elevated Installation >25' To 30', Add	*12.57*	
			For Elevated Installation >30' To 35', Add	*14.36*	
			For Elevated Installation >35' To 40', Add	*17.96*	
			For Elevated Installation >40', Add	*19.75*	
			For Work In Restricted Working Space, Add	*10.77*	
26 05 33 13-1134		EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	93.67	22.27
			For Elevated Installation >10' To 15', Add	*4.45*	
			For Elevated Installation >15' To 20', Add	*8.91*	
			For Elevated Installation >20' To 25', Add	*11.13*	
			For Elevated Installation >25' To 30', Add	*15.59*	
			For Elevated Installation >30' To 35', Add	*17.81*	
			For Elevated Installation >35' To 40', Add	*22.27*	
			For Elevated Installation >40', Add	*24.49*	
			For Work In Restricted Working Space, Add	*13.36*	
26 05 33 13-1135		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	120.83	27.30
			For Elevated Installation >10' To 15', Add	*5.46*	
			For Elevated Installation >15' To 20', Add	*10.92*	
			For Elevated Installation >20' To 25', Add	*13.65*	
			For Elevated Installation >25' To 30', Add	*19.11*	
			For Elevated Installation >30' To 35', Add	*21.84*	
			For Elevated Installation >35' To 40', Add	*27.30*	
			For Elevated Installation >40', Add	*30.02*	
			For Work In Restricted Working Space, Add	*16.38*	
26 05 33 13-1136		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	150.53	31.60
			For Elevated Installation >10' To 15', Add	*6.32*	
			For Elevated Installation >15' To 20', Add	*12.64*	
			For Elevated Installation >20' To 25', Add	*15.80*	
			For Elevated Installation >25' To 30', Add	*22.12*	
			For Elevated Installation >30' To 35', Add	*25.28*	
			For Elevated Installation >35' To 40', Add	*31.61*	
			For Elevated Installation >40', Add	*34.77*	
			For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-1137		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	176.06	35.91
			For Elevated Installation >10' To 15', Add	*7.18*	
			For Elevated Installation >15' To 20', Add	*14.36*	
			For Elevated Installation >20' To 25', Add	*17.96*	
			For Elevated Installation >25' To 30', Add	*25.14*	
			For Elevated Installation >30' To 35', Add	*28.73*	
			For Elevated Installation >35' To 40', Add	*35.91*	
			For Elevated Installation >40', Add	*39.50*	
			For Work In Restricted Working Space, Add	*21.55*	
26 05 33 13-1138		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	202.52	39.50
			For Elevated Installation >10' To 15', Add	*7.90*	
			For Elevated Installation >15' To 20', Add	*15.80*	
			For Elevated Installation >20' To 25', Add	*19.75*	
			For Elevated Installation >25' To 30', Add	*27.65*	
			For Elevated Installation >30' To 35', Add	*31.60*	
			For Elevated Installation >35' To 40', Add	*39.51*	
			For Elevated Installation >40', Add	*43.46*	
			For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-1139		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	374.52	49.57
			For Elevated Installation >10' To 15', Add	*9.91*	
			For Elevated Installation >15' To 20', Add	*19.82*	
			For Elevated Installation >20' To 25', Add	*24.78*	
			For Elevated Installation >25' To 30', Add	*34.69*	
			For Elevated Installation >30' To 35', Add	*39.65*	
			For Elevated Installation >35' To 40', Add	*49.56*	
			For Elevated Installation >40', Add	*54.52*	
			For Work In Restricted Working Space, Add	*29.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1140	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	430.88	67.52
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
		For Work In Restricted Working Space, Add	*40.51*	
26 05 33 13-1141	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	465.40	76.13
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	
		For Work In Restricted Working Space, Add	*45.68*	
26 05 33 13-1142	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	574.96	99.12
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
		For Work In Restricted Working Space, Add	*59.47*	

26 05 33 13-1143 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbows *(26 05 33 13-0826)*

26 05 33 13-1144	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	169.12	34.48
		For Elevated Installation >10' To 15', Add	*6.90*	
		For Elevated Installation >15' To 20', Add	*13.79*	
		For Elevated Installation >20' To 25', Add	*17.24*	
		For Elevated Installation >25' To 30', Add	*24.14*	
		For Elevated Installation >30' To 35', Add	*27.58*	
		For Elevated Installation >35' To 40', Add	*34.48*	
		For Elevated Installation >40', Add	*37.93*	
		For Work In Restricted Working Space, Add	*20.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.69*	
26 05 33 13-1145	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	183.11	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.70*	
26 05 33 13-1146	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	200.76	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.15*	
26 05 33 13-1147	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	268.35	52.43
		For Elevated Installation >10' To 15', Add	*10.49*	
		For Elevated Installation >15' To 20', Add	*20.97*	
		For Elevated Installation >20' To 25', Add	*26.22*	
		For Elevated Installation >25' To 30', Add	*36.70*	
		For Elevated Installation >30' To 35', Add	*41.95*	
		For Elevated Installation >35' To 40', Add	*52.44*	
		For Elevated Installation >40', Add	*57.68*	
		For Work In Restricted Working Space, Add	*31.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.46*	
26 05 33 13-1148	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	340.00	57.47
		For Elevated Installation >10' To 15', Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*22.98*	
		For Elevated Installation >20' To 25', Add	*28.73*	
		For Elevated Installation >25' To 30', Add	*40.22*	
		For Elevated Installation >30' To 35', Add	*45.97*	
		For Elevated Installation >35' To 40', Add	*57.46*	
		For Elevated Installation >40', Add	*63.21*	
		For Work In Restricted Working Space, Add	*34.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.48*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1149		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Boxes With Cast Iron Cover** *(26 05 33 13-0826)*		
26 05 33 13-1150	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	202.57	34.48
		For Elevated Installation >10' To 15', Add	*6.90*	
		For Elevated Installation >15' To 20', Add	*13.79*	
		For Elevated Installation >20' To 25', Add	*17.24*	
		For Elevated Installation >25' To 30', Add	*24.14*	
		For Elevated Installation >30' To 35', Add	*27.58*	
		For Elevated Installation >35' To 40', Add	*34.48*	
		For Elevated Installation >40', Add	*37.93*	
		For Work In Restricted Working Space, Add	*20.69*	
26 05 33 13-1151	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	218.60	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-1152	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	255.38	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	
26 05 33 13-1153	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	363.15	52.43
		For Elevated Installation >10' To 15', Add	*10.49*	
		For Elevated Installation >15' To 20', Add	*20.97*	
		For Elevated Installation >20' To 25', Add	*26.22*	
		For Elevated Installation >25' To 30', Add	*36.70*	
		For Elevated Installation >30' To 35', Add	*41.95*	
		For Elevated Installation >35' To 40', Add	*52.44*	
		For Elevated Installation >40', Add	*57.68*	
		For Work In Restricted Working Space, Add	*31.46*	
26 05 33 13-1154	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	585.64	57.47
		For Elevated Installation >10' To 15', Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*22.98*	
		For Elevated Installation >20' To 25', Add	*28.73*	
		For Elevated Installation >25' To 30', Add	*40.22*	
		For Elevated Installation >30' To 35', Add	*45.97*	
		For Elevated Installation >35' To 40', Add	*57.46*	
		For Elevated Installation >40', Add	*63.21*	
		For Work In Restricted Working Space, Add	*34.48*	
26 05 33 13-1155	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	633.87	68.96
		For Elevated Installation >10' To 15', Add	*13.79*	
		For Elevated Installation >15' To 20', Add	*27.58*	
		For Elevated Installation >20' To 25', Add	*34.48*	
		For Elevated Installation >25' To 30', Add	*48.27*	
		For Elevated Installation >30' To 35', Add	*55.16*	
		For Elevated Installation >35' To 40', Add	*68.96*	
		For Elevated Installation >40', Add	*75.85*	
		For Work In Restricted Working Space, Add	*41.37*	
26 05 33 13-1156		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Boxes With Cast Iron Cover** *(26 05 33 13-0826)*		
26 05 33 13-1157	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	221.55	34.48
		For Elevated Installation >10' To 15', Add	*6.90*	
		For Elevated Installation >15' To 20', Add	*13.79*	
		For Elevated Installation >20' To 25', Add	*17.24*	
		For Elevated Installation >25' To 30', Add	*24.14*	
		For Elevated Installation >30' To 35', Add	*27.58*	
		For Elevated Installation >35' To 40', Add	*34.48*	
		For Elevated Installation >40', Add	*37.93*	
		For Work In Restricted Working Space, Add	*20.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1158	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	250.26	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-1159	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	273.44	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	
26 05 33 13-1160	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	381.50	52.43
		For Elevated Installation >10' To 15', Add	*10.49*	
		For Elevated Installation >15' To 20', Add	*20.97*	
		For Elevated Installation >20' To 25', Add	*26.22*	
		For Elevated Installation >25' To 30', Add	*36.70*	
		For Elevated Installation >30' To 35', Add	*41.95*	
		For Elevated Installation >35' To 40', Add	*52.44*	
		For Elevated Installation >40', Add	*57.68*	
		For Work In Restricted Working Space, Add	*31.46*	
26 05 33 13-1161	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	629.42	57.47
		For Elevated Installation >10' To 15', Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*22.98*	
		For Elevated Installation >20' To 25', Add	*28.73*	
		For Elevated Installation >25' To 30', Add	*40.22*	
		For Elevated Installation >30' To 35', Add	*45.97*	
		For Elevated Installation >35' To 40', Add	*57.46*	
		For Elevated Installation >40', Add	*63.21*	
		For Work In Restricted Working Space, Add	*34.48*	
26 05 33 13-1162	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	674.05	68.96
		For Elevated Installation >10' To 15', Add	*13.79*	
		For Elevated Installation >15' To 20', Add	*27.58*	
		For Elevated Installation >20' To 25', Add	*34.48*	
		For Elevated Installation >25' To 30', Add	*48.27*	
		For Elevated Installation >30' To 35', Add	*55.16*	
		For Elevated Installation >35' To 40', Add	*68.96*	
		For Elevated Installation >40', Add	*75.85*	
		For Work In Restricted Working Space, Add	*41.37*	

26 05 33 13-1163 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Boxes With Cast Iron Cover *(26 05 33 13-0826)*

26 05 33 13-1164	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	221.69	34.48
		For Elevated Installation >10' To 15', Add	*6.90*	
		For Elevated Installation >15' To 20', Add	*13.79*	
		For Elevated Installation >20' To 25', Add	*17.24*	
		For Elevated Installation >25' To 30', Add	*24.14*	
		For Elevated Installation >30' To 35', Add	*27.58*	
		For Elevated Installation >35' To 40', Add	*34.48*	
		For Elevated Installation >40', Add	*37.93*	
		For Work In Restricted Working Space, Add	*20.69*	
26 05 33 13-1165	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	244.66	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-1166	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	290.87	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1167	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	395.48	52.43
		For Elevated Installation >10' To 15', Add	*10.49*	
		For Elevated Installation >15' To 20', Add	*20.97*	
		For Elevated Installation >20' To 25', Add	*26.22*	
		For Elevated Installation >25' To 30', Add	*36.70*	
		For Elevated Installation >30' To 35', Add	*41.95*	
		For Elevated Installation >35' To 40', Add	*52.44*	
		For Elevated Installation >40', Add	*57.68*	
		For Work In Restricted Working Space, Add	*31.46*	
26 05 33 13-1168	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	650.29	57.47
		For Elevated Installation >10' To 15', Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*22.98*	
		For Elevated Installation >20' To 25', Add	*28.73*	
		For Elevated Installation >25' To 30', Add	*40.22*	
		For Elevated Installation >30' To 35', Add	*45.97*	
		For Elevated Installation >35' To 40', Add	*57.46*	
		For Elevated Installation >40', Add	*63.21*	
		For Work In Restricted Working Space, Add	*34.48*	
26 05 33 13-1169	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	699.76	68.96
		For Elevated Installation >10' To 15', Add	*13.79*	
		For Elevated Installation >15' To 20', Add	*27.58*	
		For Elevated Installation >20' To 25', Add	*34.48*	
		For Elevated Installation >25' To 30', Add	*48.27*	
		For Elevated Installation >30' To 35', Add	*55.16*	
		For Elevated Installation >35' To 40', Add	*68.96*	
		For Elevated Installation >40', Add	*75.85*	
		For Work In Restricted Working Space, Add	*41.37*	

26 05 33 13-1170 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Boxes With Cast Iron Cover *(26 05 33 13-0826)*

26 05 33 13-1171	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	274.23	34.48
		For Elevated Installation >10' To 15', Add	*6.90*	
		For Elevated Installation >15' To 20', Add	*13.79*	
		For Elevated Installation >20' To 25', Add	*17.24*	
		For Elevated Installation >25' To 30', Add	*24.14*	
		For Elevated Installation >30' To 35', Add	*27.58*	
		For Elevated Installation >35' To 40', Add	*34.48*	
		For Elevated Installation >40', Add	*37.93*	
		For Work In Restricted Working Space, Add	*20.69*	
26 05 33 13-1172	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	303.07	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-1173	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	328.86	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	
26 05 33 13-1174	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	820.13	52.43
		For Elevated Installation >10' To 15', Add	*10.49*	
		For Elevated Installation >15' To 20', Add	*20.97*	
		For Elevated Installation >20' To 25', Add	*26.22*	
		For Elevated Installation >25' To 30', Add	*36.70*	
		For Elevated Installation >30' To 35', Add	*41.95*	
		For Elevated Installation >35' To 40', Add	*52.44*	
		For Elevated Installation >40', Add	*57.68*	
		For Work In Restricted Working Space, Add	*31.46*	

26 05 33 13-1175 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Boxes *(26 05 33 13-0826)*

Note: Excludes cover.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1176	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	134.13	34.48
		For Elevated Installation >10' To 15', Add	*6.90*	
		For Elevated Installation >15' To 20', Add	*13.79*	
		For Elevated Installation >20' To 25', Add	*17.24*	
		For Elevated Installation >25' To 30', Add	*24.14*	
		For Elevated Installation >30' To 35', Add	*27.58*	
		For Elevated Installation >35' To 40', Add	*34.48*	
		For Elevated Installation >40', Add	*37.93*	
		For Work In Restricted Working Space, Add	*20.69*	
26 05 33 13-1177	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	147.71	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-1178	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	165.09	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	
26 05 33 13-1179	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	148.38	34.48
		For Elevated Installation >10' To 15', Add	*6.90*	
		For Elevated Installation >15' To 20', Add	*13.79*	
		For Elevated Installation >20' To 25', Add	*17.24*	
		For Elevated Installation >25' To 30', Add	*24.14*	
		For Elevated Installation >30' To 35', Add	*27.58*	
		For Elevated Installation >35' To 40', Add	*34.48*	
		For Elevated Installation >40', Add	*37.93*	
		For Work In Restricted Working Space, Add	*20.69*	
26 05 33 13-1180	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	160.17	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-1181	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	182.40	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	

26 05 33 13-1182 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Boxes *(26 05 33 13-0826)*

Note: Excludes cover.

26 05 33 13-1183	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	140.87	34.48
		For Elevated Installation >10' To 15', Add	*6.90*	
		For Elevated Installation >15' To 20', Add	*13.79*	
		For Elevated Installation >20' To 25', Add	*17.24*	
		For Elevated Installation >25' To 30', Add	*24.14*	
		For Elevated Installation >30' To 35', Add	*27.58*	
		For Elevated Installation >35' To 40', Add	*34.48*	
		For Elevated Installation >40', Add	*37.93*	
		For Work In Restricted Working Space, Add	*20.69*	
26 05 33 13-1184	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	155.29	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-1185	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	170.33	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1186	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	158.01	34.48
		For Elevated Installation >10' To 15', Add	*6.90*	
		For Elevated Installation >15' To 20', Add	*13.79*	
		For Elevated Installation >20' To 25', Add	*17.24*	
		For Elevated Installation >25' To 30', Add	*24.14*	
		For Elevated Installation >30' To 35', Add	*27.58*	
		For Elevated Installation >35' To 40', Add	*34.48*	
		For Elevated Installation >40', Add	*37.93*	
		For Work In Restricted Working Space, Add	*20.69*	
26 05 33 13-1187	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	172.60	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-1188	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	195.20	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	

26 05 33 13-1189 Polyvinyl Chloride (PVC) Coated, Urethane Lined, FS And FD Series Covers *(26 05 33 13-0826)*

26 05 33 13-1190	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS23, FS And FD Series Cover	48.95	4.31
		For Elevated Installation >10' To 15', Add	*0.86*	
		For Elevated Installation >15' To 20', Add	*1.72*	
		For Elevated Installation >20' To 25', Add	*2.16*	
		For Elevated Installation >25' To 30', Add	*3.02*	
		For Elevated Installation >30' To 35', Add	*3.45*	
		For Elevated Installation >35' To 40', Add	*4.31*	
		For Elevated Installation >40', Add	*4.74*	
		For Work In Restricted Working Space, Add	*2.59*	
26 05 33 13-1191	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS21G, FS And FD Series Cover	66.47	5.03
		For Elevated Installation >10' To 15', Add	*1.01*	
		For Elevated Installation >15' To 20', Add	*2.01*	
		For Elevated Installation >20' To 25', Add	*2.52*	
		For Elevated Installation >25' To 30', Add	*3.52*	
		For Elevated Installation >30' To 35', Add	*4.02*	
		For Elevated Installation >35' To 40', Add	*5.03*	
		For Elevated Installation >40', Add	*5.53*	
		For Work In Restricted Working Space, Add	*3.02*	
26 05 33 13-1192	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS32G, FS And FD Series Cover	62.77	5.03
		For Elevated Installation >10' To 15', Add	*1.01*	
		For Elevated Installation >15' To 20', Add	*2.01*	
		For Elevated Installation >20' To 25', Add	*2.52*	
		For Elevated Installation >25' To 30', Add	*3.52*	
		For Elevated Installation >30' To 35', Add	*4.02*	
		For Elevated Installation >35' To 40', Add	*5.03*	
		For Elevated Installation >40', Add	*5.53*	
		For Work In Restricted Working Space, Add	*3.02*	
26 05 33 13-1193	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS100G, FS And FD Series Cover	55.87	5.03
		For Elevated Installation >10' To 15', Add	*1.01*	
		For Elevated Installation >15' To 20', Add	*2.01*	
		For Elevated Installation >20' To 25', Add	*2.52*	
		For Elevated Installation >25' To 30', Add	*3.52*	
		For Elevated Installation >30' To 35', Add	*4.02*	
		For Elevated Installation >35' To 40', Add	*5.03*	
		For Elevated Installation >40', Add	*5.53*	
		For Work In Restricted Working Space, Add	*3.02*	
26 05 33 13-1194	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRD1, FS And FD Series Cover	270.33	7.18
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.87*	
		For Elevated Installation >20' To 25', Add	*3.59*	
		For Elevated Installation >25' To 30', Add	*5.03*	
		For Elevated Installation >30' To 35', Add	*5.75*	
		For Elevated Installation >35' To 40', Add	*7.19*	
		For Elevated Installation >40', Add	*7.90*	
		For Work In Restricted Working Space, Add	*4.31*	
26 05 33 13-1195	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRS1, FS And FD Series Cover	240.39	7.18
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.87*	
		For Elevated Installation >20' To 25', Add	*3.59*	
		For Elevated Installation >25' To 30', Add	*5.03*	
		For Elevated Installation >30' To 35', Add	*5.75*	
		For Elevated Installation >35' To 40', Add	*7.19*	
		For Elevated Installation >40', Add	*7.90*	
		For Work In Restricted Working Space, Add	*4.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1196		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Mogul Conduit Bodies** *(26 05 33 13-0826)*		
		Note: Includes covers.		
26 05 33 13-1197	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	287.01	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	
26 05 33 13-1198	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	322.58	52.43
		For Elevated Installation >10' To 15', Add	*10.49*	
		For Elevated Installation >15' To 20', Add	*20.97*	
		For Elevated Installation >20' To 25', Add	*26.22*	
		For Elevated Installation >25' To 30', Add	*36.70*	
		For Elevated Installation >30' To 35', Add	*41.95*	
		For Elevated Installation >35' To 40', Add	*52.44*	
		For Elevated Installation >40', Add	*57.68*	
		For Work In Restricted Working Space, Add	*31.46*	
26 05 33 13-1199	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	443.59	57.47
		For Elevated Installation >10' To 15', Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*22.98*	
		For Elevated Installation >20' To 25', Add	*28.73*	
		For Elevated Installation >25' To 30', Add	*40.22*	
		For Elevated Installation >30' To 35', Add	*45.97*	
		For Elevated Installation >35' To 40', Add	*57.46*	
		For Elevated Installation >40', Add	*63.21*	
		For Work In Restricted Working Space, Add	*34.48*	
26 05 33 13-1200	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	528.63	68.96
		For Elevated Installation >10' To 15', Add	*13.79*	
		For Elevated Installation >15' To 20', Add	*27.58*	
		For Elevated Installation >20' To 25', Add	*34.48*	
		For Elevated Installation >25' To 30', Add	*48.27*	
		For Elevated Installation >30' To 35', Add	*55.16*	
		For Elevated Installation >35' To 40', Add	*68.96*	
		For Elevated Installation >40', Add	*75.85*	
		For Work In Restricted Working Space, Add	*41.37*	
26 05 33 13-1201	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	763.37	96.97
		For Elevated Installation >10' To 15', Add	*19.39*	
		For Elevated Installation >15' To 20', Add	*38.79*	
		For Elevated Installation >20' To 25', Add	*48.48*	
		For Elevated Installation >25' To 30', Add	*67.88*	
		For Elevated Installation >30' To 35', Add	*77.57*	
		For Elevated Installation >35' To 40', Add	*96.97*	
		For Elevated Installation >40', Add	*106.66*	
		For Work In Restricted Working Space, Add	*58.18*	
26 05 33 13-1202	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	964.06	129.29
		For Elevated Installation >10' To 15', Add	*25.86*	
		For Elevated Installation >15' To 20', Add	*51.72*	
		For Elevated Installation >20' To 25', Add	*64.65*	
		For Elevated Installation >25' To 30', Add	*90.50*	
		For Elevated Installation >30' To 35', Add	*103.43*	
		For Elevated Installation >35' To 40', Add	*129.29*	
		For Elevated Installation >40', Add	*142.22*	
		For Work In Restricted Working Space, Add	*77.57*	
26 05 33 13-1203	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	1,409.74	161.61
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
		For Work In Restricted Working Space, Add	*96.97*	
26 05 33 13-1204	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	1,748.78	196.81
		For Elevated Installation >10' To 15', Add	*39.36*	
		For Elevated Installation >15' To 20', Add	*78.72*	
		For Elevated Installation >20' To 25', Add	*98.41*	
		For Elevated Installation >25' To 30', Add	*137.77*	
		For Elevated Installation >30' To 35', Add	*157.45*	
		For Elevated Installation >35' To 40', Add	*196.81*	
		For Elevated Installation >40', Add	*216.49*	
		For Work In Restricted Working Space, Add	*118.09*	
26 05 33 13-1205	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	287.01	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1206	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	322.58	52.43
		For Elevated Installation >10' To 15', Add	*10.49*	
		For Elevated Installation >15' To 20', Add	*20.97*	
		For Elevated Installation >20' To 25', Add	*26.22*	
		For Elevated Installation >25' To 30', Add	*36.70*	
		For Elevated Installation >30' To 35', Add	*41.95*	
		For Elevated Installation >35' To 40', Add	*52.44*	
		For Elevated Installation >40', Add	*57.68*	
		For Work In Restricted Working Space, Add	*31.46*	
26 05 33 13-1207	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	442.38	57.47
		For Elevated Installation >10' To 15', Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*22.98*	
		For Elevated Installation >20' To 25', Add	*28.73*	
		For Elevated Installation >25' To 30', Add	*40.22*	
		For Elevated Installation >30' To 35', Add	*45.97*	
		For Elevated Installation >35' To 40', Add	*57.46*	
		For Elevated Installation >40', Add	*63.21*	
		For Work In Restricted Working Space, Add	*34.48*	
26 05 33 13-1208	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	516.44	68.96
		For Elevated Installation >10' To 15', Add	*13.79*	
		For Elevated Installation >15' To 20', Add	*27.58*	
		For Elevated Installation >20' To 25', Add	*34.48*	
		For Elevated Installation >25' To 30', Add	*48.27*	
		For Elevated Installation >30' To 35', Add	*55.16*	
		For Elevated Installation >35' To 40', Add	*68.96*	
		For Elevated Installation >40', Add	*75.85*	
		For Work In Restricted Working Space, Add	*41.37*	
26 05 33 13-1209	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	774.60	96.97
		For Elevated Installation >10' To 15', Add	*19.39*	
		For Elevated Installation >15' To 20', Add	*38.79*	
		For Elevated Installation >20' To 25', Add	*48.48*	
		For Elevated Installation >25' To 30', Add	*67.88*	
		For Elevated Installation >30' To 35', Add	*77.57*	
		For Elevated Installation >35' To 40', Add	*96.97*	
		For Elevated Installation >40', Add	*106.66*	
		For Work In Restricted Working Space, Add	*58.18*	
26 05 33 13-1210	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	1,014.43	129.29
		For Elevated Installation >10' To 15', Add	*25.86*	
		For Elevated Installation >15' To 20', Add	*51.72*	
		For Elevated Installation >20' To 25', Add	*64.65*	
		For Elevated Installation >25' To 30', Add	*90.50*	
		For Elevated Installation >30' To 35', Add	*103.43*	
		For Elevated Installation >35' To 40', Add	*129.29*	
		For Elevated Installation >40', Add	*142.22*	
		For Work In Restricted Working Space, Add	*77.57*	
26 05 33 13-1211	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	1,470.55	161.61
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
		For Work In Restricted Working Space, Add	*96.97*	
26 05 33 13-1212	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	1,786.64	196.81
		For Elevated Installation >10' To 15', Add	*39.36*	
		For Elevated Installation >15' To 20', Add	*78.72*	
		For Elevated Installation >20' To 25', Add	*98.41*	
		For Elevated Installation >25' To 30', Add	*137.77*	
		For Elevated Installation >30' To 35', Add	*157.45*	
		For Elevated Installation >35' To 40', Add	*196.81*	
		For Elevated Installation >40', Add	*216.49*	
		For Work In Restricted Working Space, Add	*118.09*	
26 05 33 13-1213	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	287.01	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	
26 05 33 13-1214	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	322.58	52.43
		For Elevated Installation >10' To 15', Add	*10.49*	
		For Elevated Installation >15' To 20', Add	*20.97*	
		For Elevated Installation >20' To 25', Add	*26.22*	
		For Elevated Installation >25' To 30', Add	*36.70*	
		For Elevated Installation >30' To 35', Add	*41.95*	
		For Elevated Installation >35' To 40', Add	*52.44*	
		For Elevated Installation >40', Add	*57.68*	
		For Work In Restricted Working Space, Add	*31.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1215	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	442.38	57.47
		For Elevated Installation >10' To 15', Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*22.98*	
		For Elevated Installation >20' To 25', Add	*28.73*	
		For Elevated Installation >25' To 30', Add	*40.22*	
		For Elevated Installation >30' To 35', Add	*45.97*	
		For Elevated Installation >35' To 40', Add	*57.46*	
		For Elevated Installation >40', Add	*63.21*	
		For Work In Restricted Working Space, Add	*34.48*	
26 05 33 13-1216	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	516.44	68.96
		For Elevated Installation >10' To 15', Add	*13.79*	
		For Elevated Installation >15' To 20', Add	*27.58*	
		For Elevated Installation >20' To 25', Add	*34.48*	
		For Elevated Installation >25' To 30', Add	*48.27*	
		For Elevated Installation >30' To 35', Add	*55.16*	
		For Elevated Installation >35' To 40', Add	*68.96*	
		For Elevated Installation >40', Add	*75.85*	
		For Work In Restricted Working Space, Add	*41.37*	
26 05 33 13-1217	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	774.60	96.97
		For Elevated Installation >10' To 15', Add	*19.39*	
		For Elevated Installation >15' To 20', Add	*38.79*	
		For Elevated Installation >20' To 25', Add	*48.48*	
		For Elevated Installation >25' To 30', Add	*67.88*	
		For Elevated Installation >30' To 35', Add	*77.57*	
		For Elevated Installation >35' To 40', Add	*96.97*	
		For Elevated Installation >40', Add	*106.66*	
		For Work In Restricted Working Space, Add	*58.18*	
26 05 33 13-1218	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,014.43	129.29
		For Elevated Installation >10' To 15', Add	*25.86*	
		For Elevated Installation >15' To 20', Add	*51.72*	
		For Elevated Installation >20' To 25', Add	*64.65*	
		For Elevated Installation >25' To 30', Add	*90.50*	
		For Elevated Installation >30' To 35', Add	*103.43*	
		For Elevated Installation >35' To 40', Add	*129.29*	
		For Elevated Installation >40', Add	*142.22*	
		For Work In Restricted Working Space, Add	*77.57*	
26 05 33 13-1219	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,470.55	161.61
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
		For Work In Restricted Working Space, Add	*96.97*	
26 05 33 13-1220	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,786.64	196.81
		For Elevated Installation >10' To 15', Add	*39.36*	
		For Elevated Installation >15' To 20', Add	*78.72*	
		For Elevated Installation >20' To 25', Add	*98.41*	
		For Elevated Installation >25' To 30', Add	*137.77*	
		For Elevated Installation >30' To 35', Add	*157.45*	
		For Elevated Installation >35' To 40', Add	*196.81*	
		For Elevated Installation >40', Add	*216.49*	
		For Work In Restricted Working Space, Add	*118.09*	
26 05 33 13-1221	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	287.01	45.26
		For Elevated Installation >10' To 15', Add	*9.05*	
		For Elevated Installation >15' To 20', Add	*18.10*	
		For Elevated Installation >20' To 25', Add	*22.63*	
		For Elevated Installation >25' To 30', Add	*31.68*	
		For Elevated Installation >30' To 35', Add	*36.20*	
		For Elevated Installation >35' To 40', Add	*45.25*	
		For Elevated Installation >40', Add	*49.78*	
		For Work In Restricted Working Space, Add	*27.15*	
26 05 33 13-1222	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	322.58	52.43
		For Elevated Installation >10' To 15', Add	*10.49*	
		For Elevated Installation >15' To 20', Add	*20.97*	
		For Elevated Installation >20' To 25', Add	*26.22*	
		For Elevated Installation >25' To 30', Add	*36.70*	
		For Elevated Installation >30' To 35', Add	*41.95*	
		For Elevated Installation >35' To 40', Add	*52.44*	
		For Elevated Installation >40', Add	*57.68*	
		For Work In Restricted Working Space, Add	*31.46*	
26 05 33 13-1223	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	443.59	57.47
		For Elevated Installation >10' To 15', Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*22.98*	
		For Elevated Installation >20' To 25', Add	*28.73*	
		For Elevated Installation >25' To 30', Add	*40.22*	
		For Elevated Installation >30' To 35', Add	*45.97*	
		For Elevated Installation >35' To 40', Add	*57.46*	
		For Elevated Installation >40', Add	*63.21*	
		For Work In Restricted Working Space, Add	*34.48*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1224	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	523.01	68.96
		For Elevated Installation >10' To 15', Add	*13.79*	
		For Elevated Installation >15' To 20', Add	*27.58*	
		For Elevated Installation >20' To 25', Add	*34.48*	
		For Elevated Installation >25' To 30', Add	*48.27*	
		For Elevated Installation >30' To 35', Add	*55.16*	
		For Elevated Installation >35' To 40', Add	*68.96*	
		For Elevated Installation >40', Add	*75.85*	
		For Work In Restricted Working Space, Add	*41.37*	
26 05 33 13-1225	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	763.37	96.97
		For Elevated Installation >10' To 15', Add	*19.39*	
		For Elevated Installation >15' To 20', Add	*38.79*	
		For Elevated Installation >20' To 25', Add	*48.48*	
		For Elevated Installation >25' To 30', Add	*67.88*	
		For Elevated Installation >30' To 35', Add	*77.57*	
		For Elevated Installation >35' To 40', Add	*96.97*	
		For Elevated Installation >40', Add	*106.66*	
		For Work In Restricted Working Space, Add	*58.18*	
26 05 33 13-1226	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	964.06	129.29
		For Elevated Installation >10' To 15', Add	*25.86*	
		For Elevated Installation >15' To 20', Add	*51.72*	
		For Elevated Installation >20' To 25', Add	*64.65*	
		For Elevated Installation >25' To 30', Add	*90.50*	
		For Elevated Installation >30' To 35', Add	*103.43*	
		For Elevated Installation >35' To 40', Add	*129.29*	
		For Elevated Installation >40', Add	*142.22*	
		For Work In Restricted Working Space, Add	*77.57*	
26 05 33 13-1227	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	1,409.74	161.61
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
		For Work In Restricted Working Space, Add	*96.97*	
26 05 33 13-1228	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	1,764.55	196.81
		For Elevated Installation >10' To 15', Add	*39.36*	
		For Elevated Installation >15' To 20', Add	*78.72*	
		For Elevated Installation >20' To 25', Add	*98.41*	
		For Elevated Installation >25' To 30', Add	*137.77*	
		For Elevated Installation >30' To 35', Add	*157.45*	
		For Elevated Installation >35' To 40', Add	*196.81*	
		For Elevated Installation >40', Add	*216.49*	
		For Work In Restricted Working Space, Add	*118.09*	

26 05 33 13-1229 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Covers *(26 05 33 13-0826)*

26 05 33 13-1230	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	140.96	6.47
		For Elevated Installation >10' To 15', Add	*1.29*	
		For Elevated Installation >15' To 20', Add	*2.59*	
		For Elevated Installation >20' To 25', Add	*3.23*	
		For Elevated Installation >25' To 30', Add	*4.53*	
		For Elevated Installation >30' To 35', Add	*5.17*	
		For Elevated Installation >35' To 40', Add	*6.47*	
		For Elevated Installation >40', Add	*7.11*	
		For Work In Restricted Working Space, Add	*3.88*	
26 05 33 13-1231	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	142.40	7.18
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.87*	
		For Elevated Installation >20' To 25', Add	*3.59*	
		For Elevated Installation >25' To 30', Add	*5.03*	
		For Elevated Installation >30' To 35', Add	*5.75*	
		For Elevated Installation >35' To 40', Add	*7.19*	
		For Elevated Installation >40', Add	*7.90*	
		For Work In Restricted Working Space, Add	*4.31*	
26 05 33 13-1232	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	201.29	10.06
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.04*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.06*	
		For Work In Restricted Working Space, Add	*6.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1233	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	204.17	11.49
		For Elevated Installation >10' To 15', Add	*2.30*	
		For Elevated Installation >15' To 20', Add	*4.60*	
		For Elevated Installation >20' To 25', Add	*5.75*	
		For Elevated Installation >25' To 30', Add	*8.05*	
		For Elevated Installation >30' To 35', Add	*9.20*	
		For Elevated Installation >35' To 40', Add	*11.50*	
		For Elevated Installation >40', Add	*12.64*	
		For Work In Restricted Working Space, Add	*6.90*	
26 05 33 13-1234	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	356.06	13.64
		For Elevated Installation >10' To 15', Add	*2.73*	
		For Elevated Installation >15' To 20', Add	*5.46*	
		For Elevated Installation >20' To 25', Add	*6.83*	
		For Elevated Installation >25' To 30', Add	*9.56*	
		For Elevated Installation >30' To 35', Add	*10.92*	
		For Elevated Installation >35' To 40', Add	*13.65*	
		For Elevated Installation >40', Add	*15.02*	
		For Work In Restricted Working Space, Add	*8.19*	
26 05 33 13-1235	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	363.24	17.23
		For Elevated Installation >10' To 15', Add	*3.45*	
		For Elevated Installation >15' To 20', Add	*6.90*	
		For Elevated Installation >20' To 25', Add	*8.62*	
		For Elevated Installation >25' To 30', Add	*12.07*	
		For Elevated Installation >30' To 35', Add	*13.79*	
		For Elevated Installation >35' To 40', Add	*17.24*	
		For Elevated Installation >40', Add	*18.96*	
		For Work In Restricted Working Space, Add	*10.34*	
26 05 33 13-1236	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	546.39	19.39
		For Elevated Installation >10' To 15', Add	*3.88*	
		For Elevated Installation >15' To 20', Add	*7.76*	
		For Elevated Installation >20' To 25', Add	*9.70*	
		For Elevated Installation >25' To 30', Add	*13.58*	
		For Elevated Installation >30' To 35', Add	*15.52*	
		For Elevated Installation >35' To 40', Add	*19.40*	
		For Elevated Installation >40', Add	*21.33*	
		For Work In Restricted Working Space, Add	*11.64*	
26 05 33 13-1237	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	557.88	25.14
		For Elevated Installation >10' To 15', Add	*5.03*	
		For Elevated Installation >15' To 20', Add	*10.06*	
		For Elevated Installation >20' To 25', Add	*12.57*	
		For Elevated Installation >25' To 30', Add	*17.60*	
		For Elevated Installation >30' To 35', Add	*20.11*	
		For Elevated Installation >35' To 40', Add	*25.14*	
		For Elevated Installation >40', Add	*27.65*	
		For Work In Restricted Working Space, Add	*15.08*	

26 05 33 13-1238 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings *(26 05 33 13-0826)*

26 05 33 13-1239	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	243.48	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
26 05 33 13-1240	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	287.79	22.27
		For Elevated Installation >10' To 15', Add	*4.45*	
		For Elevated Installation >15' To 20', Add	*8.91*	
		For Elevated Installation >20' To 25', Add	*11.13*	
		For Elevated Installation >25' To 30', Add	*15.59*	
		For Elevated Installation >30' To 35', Add	*17.81*	
		For Elevated Installation >35' To 40', Add	*22.27*	
		For Elevated Installation >40', Add	*24.49*	
		For Work In Restricted Working Space, Add	*13.36*	
26 05 33 13-1241	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	340.76	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1242	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	419.57	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-1243	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	560.20	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Work In Restricted Working Space, Add	*21.55*	
26 05 33 13-1244	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	774.52	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-1245	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,105.40	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
		For Work In Restricted Working Space, Add	*29.74*	
26 05 33 13-1246	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,375.13	67.52
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
		For Work In Restricted Working Space, Add	*40.51*	
26 05 33 13-1247	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,927.38	76.13
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	
		For Work In Restricted Working Space, Add	*45.68*	
26 05 33 13-1248	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	2,222.59	99.12
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
		For Work In Restricted Working Space, Add	*59.47*	

26 05 33 13-1249 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings With Bonding Jumper *(26 05 33 13-0826)*

26 05 33 13-1250	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	385.68	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1251	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	400.89	22.27
		For Elevated Installation >10' To 15', Add	*4.45*	
		For Elevated Installation >15' To 20', Add	*8.91*	
		For Elevated Installation >20' To 25', Add	*11.13*	
		For Elevated Installation >25' To 30', Add	*15.59*	
		For Elevated Installation >30' To 35', Add	*17.81*	
		For Elevated Installation >35' To 40', Add	*22.27*	
		For Elevated Installation >40', Add	*24.49*	
		For Work In Restricted Working Space, Add	*13.36*	
26 05 33 13-1252	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	450.51	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	
26 05 33 13-1253	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	544.99	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-1254	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	660.33	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Work In Restricted Working Space, Add	*21.55*	
26 05 33 13-1255	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	843.46	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-1256	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,244.27	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
		For Work In Restricted Working Space, Add	*29.74*	
26 05 33 13-1257	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,560.70	67.52
		For Elevated Installation >10' To 15', Add	*13.50*	
		For Elevated Installation >15' To 20', Add	*27.01*	
		For Elevated Installation >20' To 25', Add	*33.76*	
		For Elevated Installation >25' To 30', Add	*47.26*	
		For Elevated Installation >30' To 35', Add	*54.01*	
		For Elevated Installation >35' To 40', Add	*67.52*	
		For Elevated Installation >40', Add	*74.27*	
		For Work In Restricted Working Space, Add	*40.51*	
26 05 33 13-1258	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,987.29	76.13
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	
		For Work In Restricted Working Space, Add	*45.68*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1259	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	2,487.92	99.12
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
		For Work In Restricted Working Space, Add	*59.47*	

26 05 33 13-1260 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STG Knockout Hubs *(26 05 33 13-0826)*

26 05 33 13-1261	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	80.74	8.62
		For Elevated Installation >10' To 15', Add	*1.72*	
		For Elevated Installation >15' To 20', Add	*3.45*	
		For Elevated Installation >20' To 25', Add	*4.31*	
		For Elevated Installation >25' To 30', Add	*6.03*	
		For Elevated Installation >30' To 35', Add	*6.89*	
		For Elevated Installation >35' To 40', Add	*8.62*	
		For Elevated Installation >40', Add	*9.48*	
		For Work In Restricted Working Space, Add	*5.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 33 13-1262	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	87.73	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-1263	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	96.66	12.93
		For Elevated Installation >10' To 15', Add	*2.59*	
		For Elevated Installation >15' To 20', Add	*5.17*	
		For Elevated Installation >20' To 25', Add	*6.47*	
		For Elevated Installation >25' To 30', Add	*9.05*	
		For Elevated Installation >30' To 35', Add	*10.34*	
		For Elevated Installation >35' To 40', Add	*12.93*	
		For Elevated Installation >40', Add	*14.22*	
		For Work In Restricted Working Space, Add	*7.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.76*	
26 05 33 13-1264	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	109.50	15.80
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.80*	
		For Elevated Installation >40', Add	*17.38*	
		For Work In Restricted Working Space, Add	*9.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-1265	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	146.87	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-1266	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	179.23	20.11
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.04*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.09*	
		For Elevated Installation >35' To 40', Add	*20.11*	
		For Elevated Installation >40', Add	*22.12*	
		For Work In Restricted Working Space, Add	*12.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 05 33 13-1267	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	256.11	25.14
		For Elevated Installation >10' To 15', Add	*5.03*	
		For Elevated Installation >15' To 20', Add	*10.06*	
		For Elevated Installation >20' To 25', Add	*12.57*	
		For Elevated Installation >25' To 30', Add	*17.60*	
		For Elevated Installation >30' To 35', Add	*20.11*	
		For Elevated Installation >35' To 40', Add	*25.14*	
		For Elevated Installation >40', Add	*27.65*	
		For Work In Restricted Working Space, Add	*15.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1268	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	334.47	33.76
		For Elevated Installation >10' To 15', Add	*6.75*	
		For Elevated Installation >15' To 20', Add	*13.50*	
		For Elevated Installation >20' To 25', Add	*16.88*	
		For Elevated Installation >25' To 30', Add	*23.63*	
		For Elevated Installation >30' To 35', Add	*27.01*	
		For Elevated Installation >35' To 40', Add	*33.76*	
		For Elevated Installation >40', Add	*37.14*	
		For Work In Restricted Working Space, Add	*20.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.26*	
26 05 33 13-1269	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	426.41	38.07
		For Elevated Installation >10' To 15', Add	*7.61*	
		For Elevated Installation >15' To 20', Add	*15.23*	
		For Elevated Installation >20' To 25', Add	*19.03*	
		For Elevated Installation >25' To 30', Add	*26.65*	
		For Elevated Installation >30' To 35', Add	*30.45*	
		For Elevated Installation >35' To 40', Add	*38.07*	
		For Elevated Installation >40', Add	*41.87*	
		For Work In Restricted Working Space, Add	*22.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.84*	
26 05 33 13-1270	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	536.52	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
		For Work In Restricted Working Space, Add	*29.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.74*	
26 05 33 13-1271	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	669.58	80.44
		For Elevated Installation >10' To 15', Add	*16.09*	
		For Elevated Installation >15' To 20', Add	*32.18*	
		For Elevated Installation >20' To 25', Add	*40.23*	
		For Elevated Installation >25' To 30', Add	*56.32*	
		For Elevated Installation >30' To 35', Add	*64.36*	
		For Elevated Installation >35' To 40', Add	*80.45*	
		For Elevated Installation >40', Add	*88.50*	
		For Work In Restricted Working Space, Add	*48.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.27*	
26 05 33 13-1272	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	1,009.84	121.39
		For Elevated Installation >10' To 15', Add	*24.28*	
		For Elevated Installation >15' To 20', Add	*48.56*	
		For Elevated Installation >20' To 25', Add	*60.70*	
		For Elevated Installation >25' To 30', Add	*84.97*	
		For Elevated Installation >30' To 35', Add	*97.11*	
		For Elevated Installation >35' To 40', Add	*121.39*	
		For Elevated Installation >40', Add	*133.53*	
		For Work In Restricted Working Space, Add	*72.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.83*	

26 05 33 13-1273 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTB Knockout Hubs *(26 05 33 13-0826)*

26 05 33 13-1274	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	121.13	8.62
		For Elevated Installation >10' To 15', Add	*1.72*	
		For Elevated Installation >15' To 20', Add	*3.45*	
		For Elevated Installation >20' To 25', Add	*4.31*	
		For Elevated Installation >25' To 30', Add	*6.03*	
		For Elevated Installation >30' To 35', Add	*6.89*	
		For Elevated Installation >35' To 40', Add	*8.62*	
		For Elevated Installation >40', Add	*9.48*	
		For Work In Restricted Working Space, Add	*5.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 33 13-1275	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	128.42	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-1276	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	138.24	12.93
		For Elevated Installation >10' To 15', Add	*2.59*	
		For Elevated Installation >15' To 20', Add	*5.17*	
		For Elevated Installation >20' To 25', Add	*6.47*	
		For Elevated Installation >25' To 30', Add	*9.05*	
		For Elevated Installation >30' To 35', Add	*10.34*	
		For Elevated Installation >35' To 40', Add	*12.93*	
		For Elevated Installation >40', Add	*14.22*	
		For Work In Restricted Working Space, Add	*7.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.76*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1277	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	157.99	15.80
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.80*	
		For Elevated Installation >40', Add	*17.38*	
		For Work In Restricted Working Space, Add	*9.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-1278	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	169.76	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-1279	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	191.98	20.11
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.04*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.09*	
		For Elevated Installation >35' To 40', Add	*20.11*	
		For Elevated Installation >40', Add	*22.12*	
		For Work In Restricted Working Space, Add	*12.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 05 33 13-1280	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	291.90	25.14
		For Elevated Installation >10' To 15', Add	*5.03*	
		For Elevated Installation >15' To 20', Add	*10.06*	
		For Elevated Installation >20' To 25', Add	*12.57*	
		For Elevated Installation >25' To 30', Add	*17.60*	
		For Elevated Installation >30' To 35', Add	*20.11*	
		For Elevated Installation >35' To 40', Add	*25.14*	
		For Elevated Installation >40', Add	*27.65*	
		For Work In Restricted Working Space, Add	*15.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.08*	
26 05 33 13-1281	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	349.90	33.76
		For Elevated Installation >10' To 15', Add	*6.75*	
		For Elevated Installation >15' To 20', Add	*13.50*	
		For Elevated Installation >20' To 25', Add	*16.88*	
		For Elevated Installation >25' To 30', Add	*23.63*	
		For Elevated Installation >30' To 35', Add	*27.01*	
		For Elevated Installation >35' To 40', Add	*33.76*	
		For Elevated Installation >40', Add	*37.14*	
		For Work In Restricted Working Space, Add	*20.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.26*	
26 05 33 13-1282	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	429.74	38.07
		For Elevated Installation >10' To 15', Add	*7.61*	
		For Elevated Installation >15' To 20', Add	*15.23*	
		For Elevated Installation >20' To 25', Add	*19.03*	
		For Elevated Installation >25' To 30', Add	*26.65*	
		For Elevated Installation >30' To 35', Add	*30.45*	
		For Elevated Installation >35' To 40', Add	*38.07*	
		For Elevated Installation >40', Add	*41.87*	
		For Work In Restricted Working Space, Add	*22.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.84*	
26 05 33 13-1283	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	558.04	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
		For Work In Restricted Working Space, Add	*29.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.74*	
26 05 33 13-1284	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	868.56	80.44
		For Elevated Installation >10' To 15', Add	*16.09*	
		For Elevated Installation >15' To 20', Add	*32.18*	
		For Elevated Installation >20' To 25', Add	*40.23*	
		For Elevated Installation >25' To 30', Add	*56.32*	
		For Elevated Installation >30' To 35', Add	*64.36*	
		For Elevated Installation >35' To 40', Add	*80.45*	
		For Elevated Installation >40', Add	*88.50*	
		For Work In Restricted Working Space, Add	*48.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1285	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	1,419.88	121.39
		For Elevated Installation >10' To 15', Add	*24.28*	
		For Elevated Installation >15' To 20', Add	*48.56*	
		For Elevated Installation >20' To 25', Add	*60.70*	
		For Elevated Installation >25' To 30', Add	*84.97*	
		For Elevated Installation >30' To 35', Add	*97.11*	
		For Elevated Installation >35' To 40', Add	*121.39*	
		For Elevated Installation >40', Add	*133.53*	
		For Work In Restricted Working Space, Add	*72.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.83*	

26 05 33 13-1286 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTTB Knockout Hubs *(26 05 33 13-0826)*

26 05 33 13-1287	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	130.12	8.62
		For Elevated Installation >10' To 15', Add	*1.72*	
		For Elevated Installation >15' To 20', Add	*3.45*	
		For Elevated Installation >20' To 25', Add	*4.31*	
		For Elevated Installation >25' To 30', Add	*6.03*	
		For Elevated Installation >30' To 35', Add	*6.89*	
		For Elevated Installation >35' To 40', Add	*8.62*	
		For Elevated Installation >40', Add	*9.48*	
		For Work In Restricted Working Space, Add	*5.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 33 13-1288	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	136.94	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-1289	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	147.15	12.93
		For Elevated Installation >10' To 15', Add	*2.59*	
		For Elevated Installation >15' To 20', Add	*5.17*	
		For Elevated Installation >20' To 25', Add	*6.47*	
		For Elevated Installation >25' To 30', Add	*9.05*	
		For Elevated Installation >30' To 35', Add	*10.34*	
		For Elevated Installation >35' To 40', Add	*12.93*	
		For Elevated Installation >40', Add	*14.22*	
		For Work In Restricted Working Space, Add	*7.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.76*	
26 05 33 13-1290	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	185.03	15.80
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.80*	
		For Elevated Installation >40', Add	*17.38*	
		For Work In Restricted Working Space, Add	*9.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-1291	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	202.40	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-1292	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	214.51	20.11
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.04*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.09*	
		For Elevated Installation >35' To 40', Add	*20.11*	
		For Elevated Installation >40', Add	*22.12*	
		For Work In Restricted Working Space, Add	*12.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	

26 05 33 13-1293 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions *(26 05 33 13-0826)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1294	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	98.23	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
26 05 33 13-1295	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	107.99	22.27
		For Elevated Installation >10' To 15', Add	*4.45*	
		For Elevated Installation >15' To 20', Add	*8.91*	
		For Elevated Installation >20' To 25', Add	*11.13*	
		For Elevated Installation >25' To 30', Add	*15.59*	
		For Elevated Installation >30' To 35', Add	*17.81*	
		For Elevated Installation >35' To 40', Add	*22.27*	
		For Elevated Installation >40', Add	*24.49*	
		For Work In Restricted Working Space, Add	*13.36*	
26 05 33 13-1296	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	139.66	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	
26 05 33 13-1297	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	200.12	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-1298	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	236.96	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Work In Restricted Working Space, Add	*21.55*	
26 05 33 13-1299	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	299.09	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	
26 05 33 13-1300	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	397.07	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
		For Work In Restricted Working Space, Add	*29.74*	
26 05 33 13-1301	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	509.89	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.65*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.52*	
		For Work In Restricted Working Space, Add	*29.74*	
26 05 33 13-1302	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	661.81	76.13
		For Elevated Installation >10' To 15', Add	*15.23*	
		For Elevated Installation >15' To 20', Add	*30.46*	
		For Elevated Installation >20' To 25', Add	*38.07*	
		For Elevated Installation >25' To 30', Add	*53.30*	
		For Elevated Installation >30' To 35', Add	*60.91*	
		For Elevated Installation >35' To 40', Add	*76.14*	
		For Elevated Installation >40', Add	*83.75*	
		For Work In Restricted Working Space, Add	*45.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1303	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	852.48	99.12
		For Elevated Installation >10' To 15', Add	*19.82*	
		For Elevated Installation >15' To 20', Add	*39.65*	
		For Elevated Installation >20' To 25', Add	*49.56*	
		For Elevated Installation >25' To 30', Add	*69.38*	
		For Elevated Installation >30' To 35', Add	*79.30*	
		For Elevated Installation >35' To 40', Add	*99.12*	
		For Elevated Installation >40', Add	*109.03*	
		For Work In Restricted Working Space, Add	*59.47*	
26 05 33 13-1304	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	1,546.08	161.61
		For Elevated Installation >10' To 15', Add	*32.32*	
		For Elevated Installation >15' To 20', Add	*64.64*	
		For Elevated Installation >20' To 25', Add	*80.81*	
		For Elevated Installation >25' To 30', Add	*113.13*	
		For Elevated Installation >30' To 35', Add	*129.29*	
		For Elevated Installation >35' To 40', Add	*161.61*	
		For Elevated Installation >40', Add	*177.77*	
		For Work In Restricted Working Space, Add	*96.97*	
26 05 33 13-1305	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	1,941.97	242.78
		For Elevated Installation >10' To 15', Add	*48.56*	
		For Elevated Installation >15' To 20', Add	*97.11*	
		For Elevated Installation >20' To 25', Add	*121.39*	
		For Elevated Installation >25' To 30', Add	*169.95*	
		For Elevated Installation >30' To 35', Add	*194.22*	
		For Elevated Installation >35' To 40', Add	*242.78*	
		For Elevated Installation >40', Add	*267.06*	
		For Work In Restricted Working Space, Add	*145.67*	

26 05 33 13-1306 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions *(26 05 33 13-0826)*

26 05 33 13-1307	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	100.33	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
26 05 33 13-1308	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	116.01	22.27
		For Elevated Installation >10' To 15', Add	*4.45*	
		For Elevated Installation >15' To 20', Add	*8.91*	
		For Elevated Installation >20' To 25', Add	*11.13*	
		For Elevated Installation >25' To 30', Add	*15.59*	
		For Elevated Installation >30' To 35', Add	*17.81*	
		For Elevated Installation >35' To 40', Add	*22.27*	
		For Elevated Installation >40', Add	*24.49*	
		For Work In Restricted Working Space, Add	*13.36*	
26 05 33 13-1309	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	143.93	27.30
		For Elevated Installation >10' To 15', Add	*5.46*	
		For Elevated Installation >15' To 20', Add	*10.92*	
		For Elevated Installation >20' To 25', Add	*13.65*	
		For Elevated Installation >25' To 30', Add	*19.11*	
		For Elevated Installation >30' To 35', Add	*21.84*	
		For Elevated Installation >35' To 40', Add	*27.30*	
		For Elevated Installation >40', Add	*30.02*	
		For Work In Restricted Working Space, Add	*16.38*	
26 05 33 13-1310	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	207.97	31.60
		For Elevated Installation >10' To 15', Add	*6.32*	
		For Elevated Installation >15' To 20', Add	*12.64*	
		For Elevated Installation >20' To 25', Add	*15.80*	
		For Elevated Installation >25' To 30', Add	*22.12*	
		For Elevated Installation >30' To 35', Add	*25.28*	
		For Elevated Installation >35' To 40', Add	*31.61*	
		For Elevated Installation >40', Add	*34.77*	
		For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-1311	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	247.85	35.91
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Work In Restricted Working Space, Add	*21.55*	
26 05 33 13-1312	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	322.61	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.75*	
		For Elevated Installation >25' To 30', Add	*27.65*	
		For Elevated Installation >30' To 35', Add	*31.60*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.70*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1313		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	447.39	49.57
			For Elevated Installation >10' To 15', Add	*9.91*	
			For Elevated Installation >15' To 20', Add	*19.82*	
			For Elevated Installation >20' To 25', Add	*24.78*	
			For Elevated Installation >25' To 30', Add	*34.69*	
			For Elevated Installation >30' To 35', Add	*39.65*	
			For Elevated Installation >35' To 40', Add	*49.56*	
			For Elevated Installation >40', Add	*54.52*	
			For Work In Restricted Working Space, Add	*29.74*	
26 05 33 13-1314		EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	561.05	49.57
			For Elevated Installation >10' To 15', Add	*9.91*	
			For Elevated Installation >15' To 20', Add	*19.82*	
			For Elevated Installation >20' To 25', Add	*24.78*	
			For Elevated Installation >25' To 30', Add	*34.69*	
			For Elevated Installation >30' To 35', Add	*39.65*	
			For Elevated Installation >35' To 40', Add	*49.56*	
			For Elevated Installation >40', Add	*54.52*	
			For Work In Restricted Working Space, Add	*29.74*	
26 05 33 13-1315		EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	754.32	76.13
			For Elevated Installation >10' To 15', Add	*15.23*	
			For Elevated Installation >15' To 20', Add	*30.46*	
			For Elevated Installation >20' To 25', Add	*38.07*	
			For Elevated Installation >25' To 30', Add	*53.30*	
			For Elevated Installation >30' To 35', Add	*60.91*	
			For Elevated Installation >35' To 40', Add	*76.14*	
			For Elevated Installation >40', Add	*83.75*	
			For Work In Restricted Working Space, Add	*45.68*	
26 05 33 13-1316		EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	944.65	99.12
			For Elevated Installation >10' To 15', Add	*19.82*	
			For Elevated Installation >15' To 20', Add	*39.65*	
			For Elevated Installation >20' To 25', Add	*49.56*	
			For Elevated Installation >25' To 30', Add	*69.38*	
			For Elevated Installation >30' To 35', Add	*79.30*	
			For Elevated Installation >35' To 40', Add	*99.12*	
			For Elevated Installation >40', Add	*109.03*	
			For Work In Restricted Working Space, Add	*59.47*	
26 05 33 13-1317		EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	1,715.03	161.61
			For Elevated Installation >10' To 15', Add	*32.32*	
			For Elevated Installation >15' To 20', Add	*64.64*	
			For Elevated Installation >20' To 25', Add	*80.81*	
			For Elevated Installation >25' To 30', Add	*113.13*	
			For Elevated Installation >30' To 35', Add	*129.29*	
			For Elevated Installation >35' To 40', Add	*161.61*	
			For Elevated Installation >40', Add	*177.77*	
			For Work In Restricted Working Space, Add	*96.97*	
26 05 33 13-1318		EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	2,214.78	242.78
			For Elevated Installation >10' To 15', Add	*48.56*	
			For Elevated Installation >15' To 20', Add	*97.11*	
			For Elevated Installation >20' To 25', Add	*121.39*	
			For Elevated Installation >25' To 30', Add	*169.95*	
			For Elevated Installation >30' To 35', Add	*194.22*	
			For Elevated Installation >35' To 40', Add	*242.78*	
			For Elevated Installation >40', Add	*267.06*	
			For Work In Restricted Working Space, Add	*145.67*	

26 05 33 13-1319 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Reducing Couplings *(26 05 33 13-0826)*

26 05 33 13-1320		EA	3/4" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	53.65	5.74
			For Elevated Installation >10' To 15', Add	*1.15*	
			For Elevated Installation >15' To 20', Add	*2.30*	
			For Elevated Installation >20' To 25', Add	*2.87*	
			For Elevated Installation >25' To 30', Add	*4.02*	
			For Elevated Installation >30' To 35', Add	*4.60*	
			For Elevated Installation >35' To 40', Add	*5.75*	
			For Elevated Installation >40', Add	*6.32*	
			For Work In Restricted Working Space, Add	*3.45*	
26 05 33 13-1321		EA	1" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	59.07	7.18
			For Elevated Installation >10' To 15', Add	*1.44*	
			For Elevated Installation >15' To 20', Add	*2.87*	
			For Elevated Installation >20' To 25', Add	*3.59*	
			For Elevated Installation >25' To 30', Add	*5.03*	
			For Elevated Installation >30' To 35', Add	*5.75*	
			For Elevated Installation >35' To 40', Add	*7.19*	
			For Elevated Installation >40', Add	*7.90*	
			For Work In Restricted Working Space, Add	*4.31*	
26 05 33 13-1322		EA	1" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	66.94	7.18
			For Elevated Installation >10' To 15', Add	*1.44*	
			For Elevated Installation >15' To 20', Add	*2.87*	
			For Elevated Installation >20' To 25', Add	*3.59*	
			For Elevated Installation >25' To 30', Add	*5.03*	
			For Elevated Installation >30' To 35', Add	*5.75*	
			For Elevated Installation >35' To 40', Add	*7.19*	
			For Elevated Installation >40', Add	*7.90*	
			For Work In Restricted Working Space, Add	*4.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1323	EA	1-1/4" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	82.49	7.90
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Work In Restricted Working Space, Add	*4.74*	
26 05 33 13-1324	EA	1-1/4" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	87.03	7.90
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.69*	
		For Work In Restricted Working Space, Add	*4.74*	
26 05 33 13-1325	EA	1-1/2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	75.35	9.33
		For Elevated Installation >10' To 15', Add	*1.87*	
		For Elevated Installation >15' To 20', Add	*3.74*	
		For Elevated Installation >20' To 25', Add	*4.67*	
		For Elevated Installation >25' To 30', Add	*6.54*	
		For Elevated Installation >30' To 35', Add	*7.47*	
		For Elevated Installation >35' To 40', Add	*9.34*	
		For Elevated Installation >40', Add	*10.27*	
		For Work In Restricted Working Space, Add	*5.60*	
26 05 33 13-1326	EA	1-1/2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	85.50	9.33
		For Elevated Installation >10' To 15', Add	*1.87*	
		For Elevated Installation >15' To 20', Add	*3.74*	
		For Elevated Installation >20' To 25', Add	*4.67*	
		For Elevated Installation >25' To 30', Add	*6.54*	
		For Elevated Installation >30' To 35', Add	*7.47*	
		For Elevated Installation >35' To 40', Add	*9.34*	
		For Elevated Installation >40', Add	*10.27*	
		For Work In Restricted Working Space, Add	*5.60*	
26 05 33 13-1327	EA	1-1/2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	131.11	9.33
		For Elevated Installation >10' To 15', Add	*1.87*	
		For Elevated Installation >15' To 20', Add	*3.74*	
		For Elevated Installation >20' To 25', Add	*4.67*	
		For Elevated Installation >25' To 30', Add	*6.54*	
		For Elevated Installation >30' To 35', Add	*7.47*	
		For Elevated Installation >35' To 40', Add	*9.34*	
		For Elevated Installation >40', Add	*10.27*	
		For Work In Restricted Working Space, Add	*5.60*	
26 05 33 13-1328	EA	2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	145.83	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
26 05 33 13-1329	EA	2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	141.89	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
26 05 33 13-1330	EA	2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	149.21	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
26 05 33 13-1331	EA	2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	167.61	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1332	EA	2-1/2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	166.98	12.93
		For Elevated Installation >10' To 15', Add	*2.59*	
		For Elevated Installation >15' To 20', Add	*5.17*	
		For Elevated Installation >20' To 25', Add	*6.47*	
		For Elevated Installation >25' To 30', Add	*9.05*	
		For Elevated Installation >30' To 35', Add	*10.34*	
		For Elevated Installation >35' To 40', Add	*12.93*	
		For Elevated Installation >40', Add	*14.22*	
		For Work In Restricted Working Space, Add	*7.76*	
26 05 33 13-1333	EA	3" x 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	213.26	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.37*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.76*	
		For Work In Restricted Working Space, Add	*10.78*	
26 05 33 13-1334	EA	3-1/2" x 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	312.71	20.83
		For Elevated Installation >10' To 15', Add	*4.17*	
		For Elevated Installation >15' To 20', Add	*8.33*	
		For Elevated Installation >20' To 25', Add	*10.42*	
		For Elevated Installation >25' To 30', Add	*14.58*	
		For Elevated Installation >30' To 35', Add	*16.66*	
		For Elevated Installation >35' To 40', Add	*20.83*	
		For Elevated Installation >40', Add	*22.91*	
		For Work In Restricted Working Space, Add	*12.50*	
26 05 33 13-1335	EA	4" x 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	418.59	28.73
		For Elevated Installation >10' To 15', Add	*5.75*	
		For Elevated Installation >15' To 20', Add	*11.49*	
		For Elevated Installation >20' To 25', Add	*14.37*	
		For Elevated Installation >25' To 30', Add	*20.11*	
		For Elevated Installation >30' To 35', Add	*22.99*	
		For Elevated Installation >35' To 40', Add	*28.74*	
		For Elevated Installation >40', Add	*31.61*	
		For Work In Restricted Working Space, Add	*17.24*	
26 05 33 13-1336	EA	5" x 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	524.27	39.50
		For Elevated Installation >10' To 15', Add	*7.90*	
		For Elevated Installation >15' To 20', Add	*15.80*	
		For Elevated Installation >20' To 25', Add	*19.76*	
		For Elevated Installation >25' To 30', Add	*27.66*	
		For Elevated Installation >30' To 35', Add	*31.61*	
		For Elevated Installation >35' To 40', Add	*39.51*	
		For Elevated Installation >40', Add	*43.46*	
		For Work In Restricted Working Space, Add	*23.71*	

26 05 33 13-1337 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples *(26 05 33 13-0826)*

26 05 33 13-1338	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	34.91	8.62
		For Elevated Installation >10' To 15', Add	*1.72*	
		For Elevated Installation >15' To 20', Add	*3.45*	
		For Elevated Installation >20' To 25', Add	*4.31*	
		For Elevated Installation >25' To 30', Add	*6.03*	
		For Elevated Installation >30' To 35', Add	*6.89*	
		For Elevated Installation >35' To 40', Add	*8.62*	
		For Elevated Installation >40', Add	*9.48*	
		For Work In Restricted Working Space, Add	*5.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.17*	
26 05 33 13-1339	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	39.55	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-1340	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	46.30	13.64
		For Elevated Installation >10' To 15', Add	*2.73*	
		For Elevated Installation >15' To 20', Add	*5.46*	
		For Elevated Installation >20' To 25', Add	*6.83*	
		For Elevated Installation >25' To 30', Add	*9.56*	
		For Elevated Installation >30' To 35', Add	*10.92*	
		For Elevated Installation >35' To 40', Add	*13.65*	
		For Elevated Installation >40', Add	*15.02*	
		For Work In Restricted Working Space, Add	*8.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1341	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	54.97	15.80
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.80*	
		For Elevated Installation >40', Add	*17.38*	
		For Work In Restricted Working Space, Add	*9.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-1342	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	60.05	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-1343	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.63	9.33
		For Elevated Installation >10' To 15', Add	*1.87*	
		For Elevated Installation >15' To 20', Add	*3.74*	
		For Elevated Installation >20' To 25', Add	*4.67*	
		For Elevated Installation >25' To 30', Add	*6.54*	
		For Elevated Installation >30' To 35', Add	*7.47*	
		For Elevated Installation >35' To 40', Add	*9.34*	
		For Elevated Installation >40', Add	*10.27*	
		For Work In Restricted Working Space, Add	*5.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.60*	
26 05 33 13-1344	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.97	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-1345	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	48.74	13.64
		For Elevated Installation >10' To 15', Add	*2.73*	
		For Elevated Installation >15' To 20', Add	*5.46*	
		For Elevated Installation >20' To 25', Add	*6.83*	
		For Elevated Installation >25' To 30', Add	*9.56*	
		For Elevated Installation >30' To 35', Add	*10.92*	
		For Elevated Installation >35' To 40', Add	*13.65*	
		For Elevated Installation >40', Add	*15.02*	
		For Work In Restricted Working Space, Add	*8.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.19*	
26 05 33 13-1346	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	57.56	15.80
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.80*	
		For Elevated Installation >40', Add	*17.38*	
		For Work In Restricted Working Space, Add	*9.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-1347	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	62.83	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-1348	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	68.35	20.11
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.04*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.09*	
		For Elevated Installation >35' To 40', Add	*20.11*	
		For Elevated Installation >40', Add	*22.12*	
		For Work In Restricted Working Space, Add	*12.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1349	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.79	9.33
		For Elevated Installation >10' To 15', Add	*1.87*	
		For Elevated Installation >15' To 20', Add	*3.74*	
		For Elevated Installation >20' To 25', Add	*4.67*	
		For Elevated Installation >25' To 30', Add	*6.54*	
		For Elevated Installation >30' To 35', Add	*7.47*	
		For Elevated Installation >35' To 40', Add	*9.34*	
		For Elevated Installation >40', Add	*10.27*	
		For Work In Restricted Working Space, Add	*5.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.60*	
26 05 33 13-1350	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	42.14	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-1351	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	49.05	13.64
		For Elevated Installation >10' To 15', Add	*2.73*	
		For Elevated Installation >15' To 20', Add	*5.46*	
		For Elevated Installation >20' To 25', Add	*6.82*	
		For Elevated Installation >25' To 30', Add	*9.55*	
		For Elevated Installation >30' To 35', Add	*10.92*	
		For Elevated Installation >35' To 40', Add	*13.65*	
		For Elevated Installation >40', Add	*15.01*	
		For Work In Restricted Working Space, Add	*8.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.19*	
26 05 33 13-1352	EA	1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	57.90	15.80
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.80*	
		For Elevated Installation >40', Add	*17.38*	
		For Work In Restricted Working Space, Add	*9.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-1353	EA	1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	63.17	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-1354	EA	2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	69.22	20.11
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.04*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.09*	
		For Elevated Installation >35' To 40', Add	*20.11*	
		For Elevated Installation >40', Add	*22.12*	
		For Work In Restricted Working Space, Add	*12.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 05 33 13-1355	EA	1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.09	9.33
		For Elevated Installation >10' To 15', Add	*1.87*	
		For Elevated Installation >15' To 20', Add	*3.74*	
		For Elevated Installation >20' To 25', Add	*4.67*	
		For Elevated Installation >25' To 30', Add	*6.54*	
		For Elevated Installation >30' To 35', Add	*7.47*	
		For Elevated Installation >35' To 40', Add	*9.34*	
		For Elevated Installation >40', Add	*10.27*	
		For Work In Restricted Working Space, Add	*5.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.60*	
26 05 33 13-1356	EA	3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.43	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1357	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	51.51	13.64
		For Elevated Installation >10' To 15', Add	*2.73*	
		For Elevated Installation >15' To 20', Add	*5.46*	
		For Elevated Installation >20' To 25', Add	*6.82*	
		For Elevated Installation >25' To 30', Add	*9.55*	
		For Elevated Installation >30' To 35', Add	*10.92*	
		For Elevated Installation >35' To 40', Add	*13.65*	
		For Elevated Installation >40', Add	*15.01*	
		For Work In Restricted Working Space, Add	*8.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.19*	
26 05 33 13-1358	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	59.30	15.80
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.80*	
		For Elevated Installation >40', Add	*17.38*	
		For Work In Restricted Working Space, Add	*9.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-1359	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	64.72	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-1360	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	71.93	20.11
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.04*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.09*	
		For Elevated Installation >35' To 40', Add	*20.11*	
		For Elevated Installation >40', Add	*22.12*	
		For Work In Restricted Working Space, Add	*12.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 05 33 13-1361	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	99.15	24.42
		For Elevated Installation >10' To 15', Add	*4.88*	
		For Elevated Installation >15' To 20', Add	*9.77*	
		For Elevated Installation >20' To 25', Add	*12.21*	
		For Elevated Installation >25' To 30', Add	*17.09*	
		For Elevated Installation >30' To 35', Add	*19.53*	
		For Elevated Installation >35' To 40', Add	*24.42*	
		For Elevated Installation >40', Add	*26.86*	
		For Work In Restricted Working Space, Add	*14.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.65*	
26 05 33 13-1362	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	129.09	33.76
		For Elevated Installation >10' To 15', Add	*6.75*	
		For Elevated Installation >15' To 20', Add	*13.50*	
		For Elevated Installation >20' To 25', Add	*16.88*	
		For Elevated Installation >25' To 30', Add	*23.63*	
		For Elevated Installation >30' To 35', Add	*27.00*	
		For Elevated Installation >35' To 40', Add	*33.76*	
		For Elevated Installation >40', Add	*37.13*	
		For Work In Restricted Working Space, Add	*20.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.25*	
26 05 33 13-1363	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.26	9.33
		For Elevated Installation >10' To 15', Add	*1.87*	
		For Elevated Installation >15' To 20', Add	*3.74*	
		For Elevated Installation >20' To 25', Add	*4.67*	
		For Elevated Installation >25' To 30', Add	*6.54*	
		For Elevated Installation >30' To 35', Add	*7.47*	
		For Elevated Installation >35' To 40', Add	*9.34*	
		For Elevated Installation >40', Add	*10.27*	
		For Work In Restricted Working Space, Add	*5.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.60*	
26 05 33 13-1364	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.75	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1365	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	51.85	13.64
		For Elevated Installation >10' To 15', Add	*2.73*	
		For Elevated Installation >15' To 20', Add	*5.46*	
		For Elevated Installation >20' To 25', Add	*6.82*	
		For Elevated Installation >25' To 30', Add	*9.55*	
		For Elevated Installation >30' To 35', Add	*10.92*	
		For Elevated Installation >35' To 40', Add	*13.65*	
		For Elevated Installation >40', Add	*15.01*	
		For Work In Restricted Working Space, Add	*8.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.19*	
26 05 33 13-1366	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	60.70	15.80
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.80*	
		For Elevated Installation >40', Add	*17.38*	
		For Work In Restricted Working Space, Add	*9.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-1367	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	66.26	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-1368	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	74.63	20.11
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.04*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.09*	
		For Elevated Installation >35' To 40', Add	*20.11*	
		For Elevated Installation >40', Add	*22.12*	
		For Work In Restricted Working Space, Add	*12.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 05 33 13-1369	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	101.54	24.42
		For Elevated Installation >10' To 15', Add	*4.88*	
		For Elevated Installation >15' To 20', Add	*9.77*	
		For Elevated Installation >20' To 25', Add	*12.21*	
		For Elevated Installation >25' To 30', Add	*17.09*	
		For Elevated Installation >30' To 35', Add	*19.53*	
		For Elevated Installation >35' To 40', Add	*24.42*	
		For Elevated Installation >40', Add	*26.86*	
		For Work In Restricted Working Space, Add	*14.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.65*	
26 05 33 13-1370	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	134.23	33.76
		For Elevated Installation >10' To 15', Add	*6.75*	
		For Elevated Installation >15' To 20', Add	*13.50*	
		For Elevated Installation >20' To 25', Add	*16.88*	
		For Elevated Installation >25' To 30', Add	*23.63*	
		For Elevated Installation >30' To 35', Add	*27.00*	
		For Elevated Installation >35' To 40', Add	*33.76*	
		For Elevated Installation >40', Add	*37.13*	
		For Work In Restricted Working Space, Add	*20.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.25*	
26 05 33 13-1371	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	159.34	38.07
		For Elevated Installation >10' To 15', Add	*7.61*	
		For Elevated Installation >15' To 20', Add	*15.23*	
		For Elevated Installation >20' To 25', Add	*19.03*	
		For Elevated Installation >25' To 30', Add	*26.65*	
		For Elevated Installation >30' To 35', Add	*30.45*	
		For Elevated Installation >35' To 40', Add	*38.07*	
		For Elevated Installation >40', Add	*41.87*	
		For Work In Restricted Working Space, Add	*22.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.84*	
26 05 33 13-1372	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	188.14	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.64*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.51*	
		For Work In Restricted Working Space, Add	*29.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1373	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.57	9.33
		For Elevated Installation >10' To 15', Add	*1.87*	
		For Elevated Installation >15' To 20', Add	*3.74*	
		For Elevated Installation >20' To 25', Add	*4.67*	
		For Elevated Installation >25' To 30', Add	*6.54*	
		For Elevated Installation >30' To 35', Add	*7.47*	
		For Elevated Installation >35' To 40', Add	*9.34*	
		For Elevated Installation >40', Add	*10.27*	
		For Work In Restricted Working Space, Add	*5.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.60*	
26 05 33 13-1374	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.08	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-1375	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	52.21	13.64
		For Elevated Installation >10' To 15', Add	*2.73*	
		For Elevated Installation >15' To 20', Add	*5.46*	
		For Elevated Installation >20' To 25', Add	*6.82*	
		For Elevated Installation >25' To 30', Add	*9.55*	
		For Elevated Installation >30' To 35', Add	*10.92*	
		For Elevated Installation >35' To 40', Add	*13.65*	
		For Elevated Installation >40', Add	*15.01*	
		For Work In Restricted Working Space, Add	*8.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.19*	
26 05 33 13-1376	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	61.35	15.80
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.80*	
		For Elevated Installation >40', Add	*17.38*	
		For Work In Restricted Working Space, Add	*9.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-1377	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	66.94	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-1378	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	76.10	20.11
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.04*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.09*	
		For Elevated Installation >35' To 40', Add	*20.11*	
		For Elevated Installation >40', Add	*22.12*	
		For Work In Restricted Working Space, Add	*12.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 05 33 13-1379	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	111.06	24.42
		For Elevated Installation >10' To 15', Add	*4.88*	
		For Elevated Installation >15' To 20', Add	*9.77*	
		For Elevated Installation >20' To 25', Add	*12.21*	
		For Elevated Installation >25' To 30', Add	*17.09*	
		For Elevated Installation >30' To 35', Add	*19.53*	
		For Elevated Installation >35' To 40', Add	*24.42*	
		For Elevated Installation >40', Add	*26.86*	
		For Work In Restricted Working Space, Add	*14.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.65*	
26 05 33 13-1380	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	141.93	33.76
		For Elevated Installation >10' To 15', Add	*6.75*	
		For Elevated Installation >15' To 20', Add	*13.50*	
		For Elevated Installation >20' To 25', Add	*16.88*	
		For Elevated Installation >25' To 30', Add	*23.63*	
		For Elevated Installation >30' To 35', Add	*27.00*	
		For Elevated Installation >35' To 40', Add	*33.76*	
		For Elevated Installation >40', Add	*37.13*	
		For Work In Restricted Working Space, Add	*20.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1381	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	160.98	38.07
		For Elevated Installation >10' To 15', Add	*7.61*	
		For Elevated Installation >15' To 20', Add	*15.23*	
		For Elevated Installation >20' To 25', Add	*19.03*	
		For Elevated Installation >25' To 30', Add	*26.65*	
		For Elevated Installation >30' To 35', Add	*30.45*	
		For Elevated Installation >35' To 40', Add	*38.07*	
		For Elevated Installation >40', Add	*41.87*	
		For Work In Restricted Working Space, Add	*22.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.84*	
26 05 33 13-1382	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	192.53	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.64*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.51*	
		For Work In Restricted Working Space, Add	*29.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.73*	
26 05 33 13-1383	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	281.79	68.23
		For Elevated Installation >10' To 15', Add	*13.65*	
		For Elevated Installation >15' To 20', Add	*27.29*	
		For Elevated Installation >20' To 25', Add	*34.12*	
		For Elevated Installation >25' To 30', Add	*47.76*	
		For Elevated Installation >30' To 35', Add	*54.59*	
		For Elevated Installation >35' To 40', Add	*68.24*	
		For Elevated Installation >40', Add	*75.06*	
		For Work In Restricted Working Space, Add	*40.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.94*	
26 05 33 13-1384	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	42.18	9.33
		For Elevated Installation >10' To 15', Add	*1.87*	
		For Elevated Installation >15' To 20', Add	*3.74*	
		For Elevated Installation >20' To 25', Add	*4.67*	
		For Elevated Installation >25' To 30', Add	*6.54*	
		For Elevated Installation >30' To 35', Add	*7.47*	
		For Elevated Installation >35' To 40', Add	*9.34*	
		For Elevated Installation >40', Add	*10.27*	
		For Work In Restricted Working Space, Add	*5.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.60*	
26 05 33 13-1385	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.69	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-1386	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	52.86	13.64
		For Elevated Installation >10' To 15', Add	*2.73*	
		For Elevated Installation >15' To 20', Add	*5.46*	
		For Elevated Installation >20' To 25', Add	*6.82*	
		For Elevated Installation >25' To 30', Add	*9.55*	
		For Elevated Installation >30' To 35', Add	*10.92*	
		For Elevated Installation >35' To 40', Add	*13.65*	
		For Elevated Installation >40', Add	*15.01*	
		For Work In Restricted Working Space, Add	*8.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.19*	
26 05 33 13-1387	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	62.56	15.80
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.80*	
		For Elevated Installation >40', Add	*17.38*	
		For Work In Restricted Working Space, Add	*9.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-1388	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	68.39	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1389	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	77.58	20.11
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.04*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.09*	
		For Elevated Installation >35' To 40', Add	*20.11*	
		For Elevated Installation >40', Add	*22.12*	
		For Work In Restricted Working Space, Add	*12.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 05 33 13-1390	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	120.72	24.42
		For Elevated Installation >10' To 15', Add	*4.88*	
		For Elevated Installation >15' To 20', Add	*9.77*	
		For Elevated Installation >20' To 25', Add	*12.21*	
		For Elevated Installation >25' To 30', Add	*17.09*	
		For Elevated Installation >30' To 35', Add	*19.53*	
		For Elevated Installation >35' To 40', Add	*24.42*	
		For Elevated Installation >40', Add	*26.86*	
		For Work In Restricted Working Space, Add	*14.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.65*	
26 05 33 13-1391	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	152.17	33.76
		For Elevated Installation >10' To 15', Add	*6.75*	
		For Elevated Installation >15' To 20', Add	*13.50*	
		For Elevated Installation >20' To 25', Add	*16.88*	
		For Elevated Installation >25' To 30', Add	*23.63*	
		For Elevated Installation >30' To 35', Add	*27.00*	
		For Elevated Installation >35' To 40', Add	*33.76*	
		For Elevated Installation >40', Add	*37.13*	
		For Work In Restricted Working Space, Add	*20.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.25*	
26 05 33 13-1392	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	170.21	38.07
		For Elevated Installation >10' To 15', Add	*7.61*	
		For Elevated Installation >15' To 20', Add	*15.23*	
		For Elevated Installation >20' To 25', Add	*19.03*	
		For Elevated Installation >25' To 30', Add	*26.65*	
		For Elevated Installation >30' To 35', Add	*30.45*	
		For Elevated Installation >35' To 40', Add	*38.07*	
		For Elevated Installation >40', Add	*41.87*	
		For Work In Restricted Working Space, Add	*22.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.84*	
26 05 33 13-1393	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	208.09	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.64*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.51*	
		For Work In Restricted Working Space, Add	*29.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.73*	
26 05 33 13-1394	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	305.04	68.23
		For Elevated Installation >10' To 15', Add	*13.65*	
		For Elevated Installation >15' To 20', Add	*27.29*	
		For Elevated Installation >20' To 25', Add	*34.12*	
		For Elevated Installation >25' To 30', Add	*47.76*	
		For Elevated Installation >30' To 35', Add	*54.59*	
		For Elevated Installation >35' To 40', Add	*68.24*	
		For Elevated Installation >40', Add	*75.06*	
		For Work In Restricted Working Space, Add	*40.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.94*	
26 05 33 13-1395	EA	1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	43.12	9.33
		For Elevated Installation >10' To 15', Add	*1.87*	
		For Elevated Installation >15' To 20', Add	*3.74*	
		For Elevated Installation >20' To 25', Add	*4.67*	
		For Elevated Installation >25' To 30', Add	*6.54*	
		For Elevated Installation >30' To 35', Add	*7.47*	
		For Elevated Installation >35' To 40', Add	*9.34*	
		For Elevated Installation >40', Add	*10.27*	
		For Work In Restricted Working Space, Add	*5.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.60*	
26 05 33 13-1396	EA	3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	46.60	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1397	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	54.31	13.64
		For Elevated Installation >10' To 15', Add	*2.73*	
		For Elevated Installation >15' To 20', Add	*5.46*	
		For Elevated Installation >20' To 25', Add	*6.82*	
		For Elevated Installation >25' To 30', Add	*9.55*	
		For Elevated Installation >30' To 35', Add	*10.92*	
		For Elevated Installation >35' To 40', Add	*13.65*	
		For Elevated Installation >40', Add	*15.01*	
		For Work In Restricted Working Space, Add	*8.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.19*	
26 05 33 13-1398	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	62.87	15.80
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.80*	
		For Elevated Installation >40', Add	*17.38*	
		For Work In Restricted Working Space, Add	*9.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-1399	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	71.33	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-1400	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	84.77	20.11
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.04*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.09*	
		For Elevated Installation >35' To 40', Add	*20.11*	
		For Elevated Installation >40', Add	*22.12*	
		For Work In Restricted Working Space, Add	*12.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 05 33 13-1401	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	132.60	24.42
		For Elevated Installation >10' To 15', Add	*4.88*	
		For Elevated Installation >15' To 20', Add	*9.77*	
		For Elevated Installation >20' To 25', Add	*12.21*	
		For Elevated Installation >25' To 30', Add	*17.09*	
		For Elevated Installation >30' To 35', Add	*19.53*	
		For Elevated Installation >35' To 40', Add	*24.42*	
		For Elevated Installation >40', Add	*26.86*	
		For Work In Restricted Working Space, Add	*14.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.65*	
26 05 33 13-1402	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	166.18	33.76
		For Elevated Installation >10' To 15', Add	*6.75*	
		For Elevated Installation >15' To 20', Add	*13.50*	
		For Elevated Installation >20' To 25', Add	*16.88*	
		For Elevated Installation >25' To 30', Add	*23.63*	
		For Elevated Installation >30' To 35', Add	*27.00*	
		For Elevated Installation >35' To 40', Add	*33.76*	
		For Elevated Installation >40', Add	*37.13*	
		For Work In Restricted Working Space, Add	*20.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.25*	
26 05 33 13-1403	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	193.29	38.07
		For Elevated Installation >10' To 15', Add	*7.61*	
		For Elevated Installation >15' To 20', Add	*15.23*	
		For Elevated Installation >20' To 25', Add	*19.03*	
		For Elevated Installation >25' To 30', Add	*26.65*	
		For Elevated Installation >30' To 35', Add	*30.45*	
		For Elevated Installation >35' To 40', Add	*38.07*	
		For Elevated Installation >40', Add	*41.87*	
		For Work In Restricted Working Space, Add	*22.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.84*	
26 05 33 13-1404	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	231.44	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.64*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.51*	
		For Work In Restricted Working Space, Add	*29.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.73*	

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26 05 33 13-1405	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	320.98	68.23
		For Elevated Installation >10' To 15', Add	*13.65*	
		For Elevated Installation >15' To 20', Add	*27.29*	
		For Elevated Installation >20' To 25', Add	*34.12*	
		For Elevated Installation >25' To 30', Add	*47.76*	
		For Elevated Installation >30' To 35', Add	*54.59*	
		For Elevated Installation >35' To 40', Add	*68.24*	
		For Elevated Installation >40', Add	*75.06*	
		For Work In Restricted Working Space, Add	*40.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.94*	
26 05 33 13-1406	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.11	9.33
		For Elevated Installation >10' To 15', Add	*1.87*	
		For Elevated Installation >15' To 20', Add	*3.74*	
		For Elevated Installation >20' To 25', Add	*4.67*	
		For Elevated Installation >25' To 30', Add	*6.54*	
		For Elevated Installation >30' To 35', Add	*7.47*	
		For Elevated Installation >35' To 40', Add	*9.34*	
		For Elevated Installation >40', Add	*10.27*	
		For Work In Restricted Working Space, Add	*5.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.60*	
26 05 33 13-1407	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	47.57	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-1408	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	55.74	13.64
		For Elevated Installation >10' To 15', Add	*2.73*	
		For Elevated Installation >15' To 20', Add	*5.46*	
		For Elevated Installation >20' To 25', Add	*6.82*	
		For Elevated Installation >25' To 30', Add	*9.55*	
		For Elevated Installation >30' To 35', Add	*10.92*	
		For Elevated Installation >35' To 40', Add	*13.65*	
		For Elevated Installation >40', Add	*15.01*	
		For Work In Restricted Working Space, Add	*8.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.19*	
26 05 33 13-1409	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	67.22	15.80
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.80*	
		For Elevated Installation >40', Add	*17.38*	
		For Work In Restricted Working Space, Add	*9.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-1410	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	78.34	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-1411	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	95.35	20.11
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.04*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.09*	
		For Elevated Installation >35' To 40', Add	*20.11*	
		For Elevated Installation >40', Add	*22.12*	
		For Work In Restricted Working Space, Add	*12.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 05 33 13-1412	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	145.15	24.42
		For Elevated Installation >10' To 15', Add	*4.88*	
		For Elevated Installation >15' To 20', Add	*9.77*	
		For Elevated Installation >20' To 25', Add	*12.21*	
		For Elevated Installation >25' To 30', Add	*17.09*	
		For Elevated Installation >30' To 35', Add	*19.53*	
		For Elevated Installation >35' To 40', Add	*24.42*	
		For Elevated Installation >40', Add	*26.86*	
		For Work In Restricted Working Space, Add	*14.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1413	EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	184.12	33.76
		For Elevated Installation >10' To 15', Add	*6.75*	
		For Elevated Installation >15' To 20', Add	*13.50*	
		For Elevated Installation >20' To 25', Add	*16.88*	
		For Elevated Installation >25' To 30', Add	*23.63*	
		For Elevated Installation >30' To 35', Add	*27.00*	
		For Elevated Installation >35' To 40', Add	*33.76*	
		For Elevated Installation >40', Add	*37.13*	
		For Work In Restricted Working Space, Add	*20.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.25*	
26 05 33 13-1414	EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	217.54	38.07
		For Elevated Installation >10' To 15', Add	*7.61*	
		For Elevated Installation >15' To 20', Add	*15.23*	
		For Elevated Installation >20' To 25', Add	*19.03*	
		For Elevated Installation >25' To 30', Add	*26.65*	
		For Elevated Installation >30' To 35', Add	*30.45*	
		For Elevated Installation >35' To 40', Add	*38.07*	
		For Elevated Installation >40', Add	*41.87*	
		For Work In Restricted Working Space, Add	*22.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.84*	
26 05 33 13-1415	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	272.29	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.64*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.51*	
		For Work In Restricted Working Space, Add	*29.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.73*	
26 05 33 13-1416	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	352.78	68.23
		For Elevated Installation >10' To 15', Add	*13.65*	
		For Elevated Installation >15' To 20', Add	*27.29*	
		For Elevated Installation >20' To 25', Add	*34.12*	
		For Elevated Installation >25' To 30', Add	*47.76*	
		For Elevated Installation >30' To 35', Add	*54.59*	
		For Elevated Installation >35' To 40', Add	*68.24*	
		For Elevated Installation >40', Add	*75.06*	
		For Work In Restricted Working Space, Add	*40.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.94*	
26 05 33 13-1417	EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.12	9.33
		For Elevated Installation >10' To 15', Add	*1.87*	
		For Elevated Installation >15' To 20', Add	*3.74*	
		For Elevated Installation >20' To 25', Add	*4.67*	
		For Elevated Installation >25' To 30', Add	*6.54*	
		For Elevated Installation >30' To 35', Add	*7.47*	
		For Elevated Installation >35' To 40', Add	*9.34*	
		For Elevated Installation >40', Add	*10.27*	
		For Work In Restricted Working Space, Add	*5.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.60*	
26 05 33 13-1418	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	48.71	10.78
		For Elevated Installation >10' To 15', Add	*2.15*	
		For Elevated Installation >15' To 20', Add	*4.31*	
		For Elevated Installation >20' To 25', Add	*5.39*	
		For Elevated Installation >25' To 30', Add	*7.54*	
		For Elevated Installation >30' To 35', Add	*8.62*	
		For Elevated Installation >35' To 40', Add	*10.77*	
		For Elevated Installation >40', Add	*11.85*	
		For Work In Restricted Working Space, Add	*6.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.46*	
26 05 33 13-1419	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	59.36	13.64
		For Elevated Installation >10' To 15', Add	*2.73*	
		For Elevated Installation >15' To 20', Add	*5.46*	
		For Elevated Installation >20' To 25', Add	*6.82*	
		For Elevated Installation >25' To 30', Add	*9.55*	
		For Elevated Installation >30' To 35', Add	*10.92*	
		For Elevated Installation >35' To 40', Add	*13.65*	
		For Elevated Installation >40', Add	*15.01*	
		For Work In Restricted Working Space, Add	*8.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.19*	
26 05 33 13-1420	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	74.36	15.80
		For Elevated Installation >10' To 15', Add	*3.16*	
		For Elevated Installation >15' To 20', Add	*6.32*	
		For Elevated Installation >20' To 25', Add	*7.90*	
		For Elevated Installation >25' To 30', Add	*11.06*	
		For Elevated Installation >30' To 35', Add	*12.64*	
		For Elevated Installation >35' To 40', Add	*15.80*	
		For Elevated Installation >40', Add	*17.38*	
		For Work In Restricted Working Space, Add	*9.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1421	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	86.81	17.96
		For Elevated Installation >10' To 15', Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*7.18*	
		For Elevated Installation >20' To 25', Add	*8.98*	
		For Elevated Installation >25' To 30', Add	*12.57*	
		For Elevated Installation >30' To 35', Add	*14.36*	
		For Elevated Installation >35' To 40', Add	*17.96*	
		For Elevated Installation >40', Add	*19.75*	
		For Work In Restricted Working Space, Add	*10.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.77*	
26 05 33 13-1422	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	103.85	20.11
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.04*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.09*	
		For Elevated Installation >35' To 40', Add	*20.11*	
		For Elevated Installation >40', Add	*22.12*	
		For Work In Restricted Working Space, Add	*12.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 05 33 13-1423	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	161.91	24.42
		For Elevated Installation >10' To 15', Add	*4.88*	
		For Elevated Installation >15' To 20', Add	*9.77*	
		For Elevated Installation >20' To 25', Add	*12.21*	
		For Elevated Installation >25' To 30', Add	*17.09*	
		For Elevated Installation >30' To 35', Add	*19.53*	
		For Elevated Installation >35' To 40', Add	*24.42*	
		For Elevated Installation >40', Add	*26.86*	
		For Work In Restricted Working Space, Add	*14.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.65*	
26 05 33 13-1424	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	211.02	33.76
		For Elevated Installation >10' To 15', Add	*6.75*	
		For Elevated Installation >15' To 20', Add	*13.50*	
		For Elevated Installation >20' To 25', Add	*16.88*	
		For Elevated Installation >25' To 30', Add	*23.63*	
		For Elevated Installation >30' To 35', Add	*27.00*	
		For Elevated Installation >35' To 40', Add	*33.76*	
		For Elevated Installation >40', Add	*37.13*	
		For Work In Restricted Working Space, Add	*20.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.25*	
26 05 33 13-1425	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	232.41	38.07
		For Elevated Installation >10' To 15', Add	*7.61*	
		For Elevated Installation >15' To 20', Add	*15.23*	
		For Elevated Installation >20' To 25', Add	*19.03*	
		For Elevated Installation >25' To 30', Add	*26.65*	
		For Elevated Installation >30' To 35', Add	*30.45*	
		For Elevated Installation >35' To 40', Add	*38.07*	
		For Elevated Installation >40', Add	*41.87*	
		For Work In Restricted Working Space, Add	*22.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.84*	
26 05 33 13-1426	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	284.83	49.57
		For Elevated Installation >10' To 15', Add	*9.91*	
		For Elevated Installation >15' To 20', Add	*19.82*	
		For Elevated Installation >20' To 25', Add	*24.78*	
		For Elevated Installation >25' To 30', Add	*34.69*	
		For Elevated Installation >30' To 35', Add	*39.64*	
		For Elevated Installation >35' To 40', Add	*49.56*	
		For Elevated Installation >40', Add	*54.51*	
		For Work In Restricted Working Space, Add	*29.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.73*	
26 05 33 13-1427	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	357.32	68.23
		For Elevated Installation >10' To 15', Add	*13.65*	
		For Elevated Installation >15' To 20', Add	*27.29*	
		For Elevated Installation >20' To 25', Add	*34.12*	
		For Elevated Installation >25' To 30', Add	*47.76*	
		For Elevated Installation >30' To 35', Add	*54.59*	
		For Elevated Installation >35' To 40', Add	*68.24*	
		For Elevated Installation >40', Add	*75.06*	
		For Work In Restricted Working Space, Add	*40.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.94*	

26 05 33 13-1428 Aluminum Rigid Conduit (ARC) *(26 05 33 13-0058)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-1429 Aluminum Rigid Conduit (ARC) With Threaded Coupling *(26 05 33 13-1428)*

Note: Includes field bend conduit up to 1".

26 05 33 13-1430	LF	1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	6.58	2.21
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.83*	
		For Work In Restricted Working Space, Add	*1.66*	
26 05 33 13-1431	LF	3/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling	7.49	2.43
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.91*	
		For Work In Restricted Working Space, Add	*1.82*	
26 05 33 13-1432	LF	1" Aluminum Rigid Conduit (ARC) With Threaded Coupling	8.63	2.66
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.99*	
		For Work In Restricted Working Space, Add	*1.99*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1433		LF	1-1/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling	9.81	2.88
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.08*	
			For Work In Restricted Working Space, Add	*2.15*	
26 05 33 13-1434		LF	1-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	11.00	3.10
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.16*	
			For Work In Restricted Working Space, Add	*2.32*	
26 05 33 13-1435		LF	2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	13.20	3.54
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.33*	
			For Work In Restricted Working Space, Add	*2.65*	
26 05 33 13-1436		LF	2-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	17.93	4.42
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.66*	
			For Work In Restricted Working Space, Add	*3.32*	
26 05 33 13-1437		LF	3" Aluminum Rigid Conduit (ARC) With Threaded Coupling	22.30	5.30
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.99*	
			For Work In Restricted Working Space, Add	*3.98*	
26 05 33 13-1438		LF	3-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	27.42	6.63
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.49*	
			For Work In Restricted Working Space, Add	*4.97*	
26 05 33 13-1439		LF	4" Aluminum Rigid Conduit (ARC) With Threaded Coupling	33.85	8.40
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.15*	
			For Work In Restricted Working Space, Add	*6.30*	
26 05 33 13-1440		LF	5" Aluminum Rigid Conduit (ARC) With Threaded Coupling	44.92	10.61
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.98*	
			For Work In Restricted Working Space, Add	*7.96*	
26 05 33 13-1441		LF	6" Aluminum Rigid Conduit (ARC) With Threaded Coupling	57.36	13.26
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.97*	
			For Work In Restricted Working Space, Add	*9.95*	

26 05 33 13-1442 Aluminum 90 Degree Elbows *(26 05 33 13-1428)*

26 05 33 13-1443		EA	1" Aluminum 90 Degree Elbow	39.94	11.49
			For Work In Restricted Working Space, Add	*8.62*	
26 05 33 13-1444		EA	1-1/4" Aluminum 90 Degree Elbow	50.41	13.04
			For Work In Restricted Working Space, Add	*9.78*	
26 05 33 13-1445		EA	1-1/2" Aluminum 90 Degree Elbow	61.27	15.03
			For Work In Restricted Working Space, Add	*11.27*	
26 05 33 13-1446		EA	2" Aluminum 90 Degree Elbow	77.98	17.23
			For Work In Restricted Working Space, Add	*12.93*	
26 05 33 13-1447		EA	2-1/2" Aluminum 90 Degree Elbow	111.27	20.99
			For Work In Restricted Working Space, Add	*15.75*	
26 05 33 13-1448		EA	3" Aluminum 90 Degree Elbow	158.75	27.18
			For Work In Restricted Working Space, Add	*20.39*	
26 05 33 13-1449		EA	3-1/2" Aluminum 90 Degree Elbow	217.84	30.50
			For Work In Restricted Working Space, Add	*22.87*	
26 05 33 13-1450		EA	4" Aluminum 90 Degree Elbow	263.48	38.24
			For Work In Restricted Working Space, Add	*28.67*	
26 05 33 13-1451		EA	5" Aluminum 90 Degree Elbow	652.26	62.33
			For Work In Restricted Working Space, Add	*46.74*	
26 05 33 13-1452		EA	6" Aluminum 90 Degree Elbow	921.15	93.71
			For Work In Restricted Working Space, Add	*70.28*	

26 05 33 13-1453 Aluminum Bushing Set With Locknut *(26 05 33 13-1428)*

26 05 33 13-1454		EA	1/2" Aluminum Bushing Set With Locknut	11.90	4.42
			For Work In Restricted Working Space, Add	*3.32*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.32*	
26 05 33 13-1455		EA	3/4" Aluminum Bushing Set With Locknut	17.80	5.74
			For Work In Restricted Working Space, Add	*4.31*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-1456		EA	1" Aluminum Bushing Set With Locknut	18.23	7.07
			For Work In Restricted Working Space, Add	*5.30*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.30*	
26 05 33 13-1457		EA	1-1/4" Aluminum Bushing Set With Locknut	20.50	7.96
			For Work In Restricted Working Space, Add	*5.97*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.97*	
26 05 33 13-1458		EA	1-1/2" Aluminum Bushing Set With Locknut	25.10	9.72
			For Work In Restricted Working Space, Add	*7.29*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-1459		EA	2" Aluminum Bushing Set With Locknut	30.58	11.71
			For Work In Restricted Working Space, Add	*8.78*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.78*	
26 05 33 13-1460		EA	2-1/2" Aluminum Bushing Set With Locknut	37.47	13.93
			For Work In Restricted Working Space, Add	*10.44*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.44*	
26 05 33 13-1461		EA	3" Aluminum Bushing Set With Locknut	43.71	15.91
			For Work In Restricted Working Space, Add	*11.93*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.93*	
26 05 33 13-1462		EA	3-1/2" Aluminum Bushing Set With Locknut	47.29	17.23
			For Work In Restricted Working Space, Add	*12.93*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.93*	
26 05 33 13-1463		EA	4" Aluminum Bushing Set With Locknut	51.44	18.57
			For Work In Restricted Working Space, Add	*13.92*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.92*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1464		EA	5" Aluminum Bushing Set With Locknut	68.17	24.75
			For Work In Restricted Working Space, Add	*18.56*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.56*	
26 05 33 13-1465		EA	6" Aluminum Bushing Set With Locknut	101.46	37.12
			For Work In Restricted Working Space, Add	*27.85*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.85*	
26 05 33 13-1466			**Schedule 40 Polyvinyl Chloride (PVC) Conduit** *(26 05 33 13-0058)*		
			Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-1467			**Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings** *(26 05 33 13-1466)*		
			Note: Includes field bend conduit up to 1".		
26 05 33 13-1468		LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	5.07	1.70
			For Schedule 60, Add	*0.42*	
			For Schedule 80, Add	*0.71*	
26 05 33 13-1469		LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	5.75	1.86
			For Schedule 60, Add	*0.51*	
			For Schedule 80, Add	*0.85*	
26 05 33 13-1470		LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	7.08	2.17
			For Schedule 60, Add	*0.68*	
			For Schedule 80, Add	*1.12*	
26 05 33 13-1471		LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	8.39	2.48
			For Schedule 60, Add	*0.86*	
			For Schedule 80, Add	*1.38*	
26 05 33 13-1472		LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	9.86	2.89
			For Schedule 60, Add	*1.02*	
			For Schedule 80, Add	*1.64*	
26 05 33 13-1473		LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	11.73	3.32
			For Schedule 60, Add	*1.28*	
			For Schedule 80, Add	*2.04*	
26 05 33 13-1474		LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	15.34	3.94
			For Schedule 60, Add	*1.87*	
			For Schedule 80, Add	*2.91*	
26 05 33 13-1475		LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	17.94	4.56
			For Schedule 60, Add	*2.21*	
			For Schedule 80, Add	*3.43*	
26 05 33 13-1476		LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	21.84	5.38
			For Schedule 60, Add	*2.77*	
			For Schedule 80, Add	*4.28*	
26 05 33 13-1477		LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	25.78	6.62
			For Schedule 60, Add	*3.13*	
			For Schedule 80, Add	*4.88*	
26 05 33 13-1478		LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	36.73	9.32
			For Schedule 60, Add	*4.52*	
			For Schedule 80, Add	*7.03*	
26 05 33 13-1479		LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	48.80	12.42
			For Schedule 60, Add	*5.99*	
			For Schedule 80, Add	*9.32*	
26 05 33 13-1480			**Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows** *(26 05 33 13-1466)*		
			See CSI section 26 05 33 13-2307 for conduit field bending.		
26 05 33 13-1481		EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	22.13	8.28
			See CSI section 26 05 33 13-2307 for conduit field bending.		
			For Schedule 60, Add	*1.39*	
			For Schedule 80, Add	*2.57*	
26 05 33 13-1482		EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	24.48	9.12
			See CSI section 26 05 33 13-2307 for conduit field bending.		
			For Schedule 60, Add	*1.56*	
			For Schedule 80, Add	*2.87*	
26 05 33 13-1483		EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	28.54	10.36
			See CSI section 26 05 33 13-2307 for conduit field bending.		
			For Schedule 60, Add	*1.96*	
			For Schedule 80, Add	*3.52*	
26 05 33 13-1484		EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	36.96	13.25
			See CSI section 26 05 33 13-2307 for conduit field bending.		
			For Schedule 60, Add	*2.61*	
			For Schedule 80, Add	*4.65*	
26 05 33 13-1485		EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	46.61	16.57
			See CSI section 26 05 33 13-2307 for conduit field bending.		
			For Schedule 60, Add	*3.37*	
			For Schedule 80, Add	*5.96*	
26 05 33 13-1486		EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	58.96	20.71
			See CSI section 26 05 33 13-2307 for conduit field bending.		
			For Schedule 60, Add	*4.39*	
			For Schedule 80, Add	*7.69*	
26 05 33 13-1487		EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	74.85	24.84
			See CSI section 26 05 33 13-2307 for conduit field bending.		
			For Schedule 60, Add	*6.29*	
			For Schedule 80, Add	*10.67*	
26 05 33 13-1488		EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow	93.28	28.99
			See CSI section 26 05 33 13-2307 for conduit field bending.		
			For Schedule 60, Add	*8.82*	
			For Schedule 80, Add	*14.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1489	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2307 for conduit field bending.	116.93	35.20
		For Schedule 60, Add	*11.63*	
		For Schedule 80, Add	*18.93*	
26 05 33 13-1490	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2307 for conduit field bending.	140.75	41.41
		For Schedule 60, Add	*14.48*	
		For Schedule 80, Add	*23.38*	
26 05 33 13-1491	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2307 for conduit field bending.	194.99	51.77
		For Schedule 60, Add	*22.87*	
		For Schedule 80, Add	*35.89*	
26 05 33 13-1492	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2307 for conduit field bending.	238.91	62.12
		For Schedule 60, Add	*28.67*	
		For Schedule 80, Add	*44.79*	
26 05 33 13-1493		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows** *(26 05 33 13-1466)* See CSI section 26 05 33 13-2307 for conduit field bending.		
26 05 33 13-1494	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2307 for conduit field bending.	22.13	8.28
		For Schedule 60, Add	*1.39*	
		For Schedule 80, Add	*2.57*	
26 05 33 13-1495	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2307 for conduit field bending.	24.38	9.12
		For Schedule 60, Add	*1.54*	
		For Schedule 80, Add	*2.84*	
26 05 33 13-1496	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2307 for conduit field bending.	28.40	10.36
		For Schedule 60, Add	*1.92*	
		For Schedule 80, Add	*3.47*	
26 05 33 13-1497	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2307 for conduit field bending.	36.55	13.25
		For Schedule 60, Add	*2.51*	
		For Schedule 80, Add	*4.51*	
26 05 33 13-1498	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2307 for conduit field bending.	45.69	16.57
		For Schedule 60, Add	*3.14*	
		For Schedule 80, Add	*5.64*	
26 05 33 13-1499	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2307 for conduit field bending.	58.47	20.71
		For Schedule 60, Add	*4.26*	
		For Schedule 80, Add	*7.52*	
26 05 33 13-1500	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2307 for conduit field bending.	73.92	24.84
		For Schedule 60, Add	*6.06*	
		For Schedule 80, Add	*10.34*	
26 05 33 13-1501	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2307 for conduit field bending.	92.11	28.99
		For Schedule 60, Add	*8.53*	
		For Schedule 80, Add	*14.12*	
26 05 33 13-1502	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2307 for conduit field bending.	113.64	35.20
		For Schedule 60, Add	*10.81*	
		For Schedule 80, Add	*17.77*	
26 05 33 13-1503	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2307 for conduit field bending.	137.92	41.41
		For Schedule 60, Add	*13.77*	
		For Schedule 80, Add	*22.39*	
26 05 33 13-1504	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2307 for conduit field bending.	191.33	51.77
		For Schedule 60, Add	*21.95*	
		For Schedule 80, Add	*34.61*	
26 05 33 13-1505	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2307 for conduit field bending.	228.00	62.12
		For Schedule 60, Add	*25.94*	
		For Schedule 80, Add	*40.98*	
26 05 33 13-1506		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 18" Large Radius Elbow** *(26 05 33 13-1466)*		
26 05 33 13-1507	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	83.17	27.30
		For Schedule 80, Add	*15.46*	
26 05 33 13-1508	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	97.40	31.60
		For Schedule 80, Add	*18.29*	
26 05 33 13-1509	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	110.28	35.91
		For Schedule 80, Add	*20.64*	
26 05 33 13-1510	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	130.54	39.50
		For Schedule 80, Add	*25.94*	
26 05 33 13-1511	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	171.26	49.57
		For Schedule 80, Add	*35.16*	
26 05 33 13-1512	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	224.16	67.52
		For Schedule 80, Add	*44.70*	
26 05 33 13-1513	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	269.12	76.13
		For Schedule 80, Add	*56.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1514	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	323.55	99.12
		For Schedule 80, Add	*63.68*	

26 05 33 13-1515 Schedule 40 Polyvinyl Chloride (PVC) Conduit 24" Large Radius Elbow *(26 05 33 13-1466)*

26 05 33 13-1516	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	88.42	27.30
		For Schedule 80, Add	*17.30*	
26 05 33 13-1517	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	110.03	31.60
		For Schedule 80, Add	*22.71*	
26 05 33 13-1518	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	128.36	35.91
		For Schedule 80, Add	*26.97*	
26 05 33 13-1519	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	139.49	39.50
		For Schedule 80, Add	*29.07*	
26 05 33 13-1520	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	198.84	49.57
		For Schedule 80, Add	*44.81*	
26 05 33 13-1521	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	264.27	67.52
		For Schedule 80, Add	*58.74*	
26 05 33 13-1522	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	293.81	76.13
		For Schedule 80, Add	*64.76*	
26 05 33 13-1523	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	353.44	99.12
		For Schedule 80, Add	*74.14*	

26 05 33 13-1524 Schedule 40 Polyvinyl Chloride (PVC) Conduit 30" Large Radius Elbow *(26 05 33 13-1466)*

26 05 33 13-1525	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	102.57	27.30
		For Schedule 80, Add	*22.25*	
26 05 33 13-1526	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	115.96	31.60
		For Schedule 80, Add	*24.78*	
26 05 33 13-1527	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	131.84	35.91
		For Schedule 80, Add	*28.19*	
26 05 33 13-1528	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	156.37	39.50
		For Schedule 80, Add	*34.98*	
26 05 33 13-1529	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	209.11	49.57
		For Schedule 80, Add	*48.41*	
26 05 33 13-1530	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	272.89	67.52
		For Schedule 80, Add	*61.75*	
26 05 33 13-1531	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	326.68	76.13
		For Schedule 80, Add	*76.27*	
26 05 33 13-1532	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	382.96	99.12
		For Schedule 80, Add	*84.48*	

26 05 33 13-1533 Schedule 40 Polyvinyl Chloride (PVC) Conduit 36" Large Radius Elbow *(26 05 33 13-1466)*

26 05 33 13-1534	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	105.46	27.30
		For Schedule 80, Add	*23.26*	
26 05 33 13-1535	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	133.50	31.60
		For Schedule 80, Add	*30.92*	
26 05 33 13-1536	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	145.76	35.91
		For Schedule 80, Add	*33.06*	
26 05 33 13-1537	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	156.99	39.50
		For Schedule 80, Add	*35.19*	
26 05 33 13-1538	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	231.74	49.57
		For Schedule 80, Add	*56.33*	
26 05 33 13-1539	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	323.60	67.52
		For Schedule 80, Add	*79.50*	
26 05 33 13-1540	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	372.86	76.13
		For Schedule 80, Add	*92.43*	
26 05 33 13-1541	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	437.65	99.12
		For Schedule 80, Add	*103.62*	
26 05 33 13-1542	EA	5" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	700.86	161.34
		For Schedule 80, Add	*164.50*	
26 05 33 13-1543	EA	6" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	1,027.25	243.11
		For Schedule 80, Add	*238.15*	

26 05 33 13-1544 Schedule 40 Polyvinyl Chloride (PVC) Conduit 48" Large Radius Elbow *(26 05 33 13-1466)*

26 05 33 13-1545	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	116.55	27.30
		For Schedule 80, Add	*27.15*	
26 05 33 13-1546	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	136.47	31.60
		For Schedule 80, Add	*31.96*	
26 05 33 13-1547	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	154.70	35.91
		For Schedule 80, Add	*36.19*	
26 05 33 13-1548	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	187.83	39.50
		For Schedule 80, Add	*45.99*	
26 05 33 13-1549	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	253.83	49.57
		For Schedule 80, Add	*64.06*	
26 05 33 13-1550	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	359.88	67.52
		For Schedule 80, Add	*92.20*	
26 05 33 13-1551	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	407.55	76.13
		For Schedule 80, Add	*104.57*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1552		EA	4" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	497.85	99.12
			For Schedule 80, Add	*124.69*	
26 05 33 13-1553		EA	5" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	736.08	161.34
			For Schedule 80, Add	*176.82*	
26 05 33 13-1554		EA	6" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	1,055.76	243.11
			For Schedule 80, Add	*248.13*	
26 05 33 13-1555			**Polyvinyl Chloride (PVC) Conduit Female Adapters** *(26 05 33 13-1466)*		
26 05 33 13-1556		EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	15.15	5.80
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.35*	
26 05 33 13-1557		EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter	17.46	6.62
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-1558		EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter	19.85	7.45
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.59*	
26 05 33 13-1559		EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter	22.39	8.28
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.21*	
26 05 33 13-1560		EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	27.71	10.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.76*	
26 05 33 13-1561		EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter	33.66	12.42
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.32*	
26 05 33 13-1562		EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	46.21	16.57
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.42*	
26 05 33 13-1563		EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter	58.31	20.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.53*	
26 05 33 13-1564		EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	75.60	26.92
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.19*	
26 05 33 13-1565		EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter	91.49	33.13
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.85*	
26 05 33 13-1566		EA	5" Polyvinyl Chloride (PVC) Conduit Female Adapter	121.03	41.41
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.06*	
26 05 33 13-1567		EA	6" Polyvinyl Chloride (PVC) Conduit Female Adapter	150.53	51.77
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.82*	
26 05 33 13-1568			**Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug** *(26 05 33 13-1466)*		
26 05 33 13-1569		EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	17.75	4.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.73*	
26 05 33 13-1570		EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	20.20	5.80
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.35*	
26 05 33 13-1571		EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	22.69	6.62
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-1572		EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	27.03	7.45
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.59*	
26 05 33 13-1573		EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	30.14	8.28
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.21*	
26 05 33 13-1574		EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	36.20	9.53
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.14*	
26 05 33 13-1575		EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	40.51	10.77
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.08*	
26 05 33 13-1576		EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	45.84	12.42
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.32*	
26 05 33 13-1577		EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	54.32	14.50
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.87*	
26 05 33 13-1578		EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	59.88	16.57
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.42*	
26 05 33 13-1579		EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	75.84	18.63
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.98*	
26 05 33 13-1580		EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	85.32	20.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.53*	
26 05 33 13-1581			**Polyvinyl Chloride (PVC) Conduit Terminal Adapters** *(26 05 33 13-1466)*		
26 05 33 13-1582		EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	16.47	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.78*	
26 05 33 13-1583		EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	19.98	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.73*	
26 05 33 13-1584		EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	22.27	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.36*	
26 05 33 13-1585		EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	25.03	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.08*	
26 05 33 13-1586		EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	27.48	10.36
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.76*	
26 05 33 13-1587		EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	33.35	12.42
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.32*	
26 05 33 13-1588		EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	45.58	16.57
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.42*	
26 05 33 13-1589		EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	57.43	20.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.53*	
26 05 33 13-1590		EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	74.48	26.92
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.19*	
26 05 33 13-1591		EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	90.35	33.13
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1592	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	118.78	41.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.06*	
26 05 33 13-1593	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	147.83	51.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.82*	

26 05 33 13-1594 Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover *(26 05 33 13-1466)*

26 05 33 13-1595	EA	1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	47.50	16.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.42*	
26 05 33 13-1596	EA	3/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	55.21	18.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.98*	
26 05 33 13-1597	EA	1" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	61.31	20.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.53*	
26 05 33 13-1598	EA	1-1/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	75.74	24.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.64*	
26 05 33 13-1599	EA	1-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	93.60	31.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.30*	
26 05 33 13-1600	EA	2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	121.45	37.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.95*	
26 05 33 13-1601	EA	2-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	209.61	41.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.06*	
26 05 33 13-1602	EA	3" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	223.66	45.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.17*	
26 05 33 13-1603	EA	3-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	242.86	51.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.82*	
26 05 33 13-1604	EA	4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	270.98	60.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.04*	

26 05 33 13-1605 Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover *(26 05 33 13-1466)*

26 05 33 13-1606	EA	1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	63.36	22.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	
26 05 33 13-1607	EA	3/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	70.94	24.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.23*	
26 05 33 13-1608	EA	1" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	76.69	26.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.89*	
26 05 33 13-1609	EA	1-1/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	96.12	30.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.21*	
26 05 33 13-1610	EA	1-1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	116.09	37.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.18*	
26 05 33 13-1611	EA	2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	142.88	44.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.15*	

26 05 33 13-1612 Polyvinyl Chloride (PVC) Conduit Expansion Joint *(26 05 33 13-1466)*

26 05 33 13-1613	EA	1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	103.82	20.71
26 05 33 13-1614	EA	3/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	115.48	24.84
26 05 33 13-1615	EA	1" Polyvinyl Chloride (PVC) Conduit Expansion Joint	127.94	28.99
26 05 33 13-1616	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	139.61	33.13
26 05 33 13-1617	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	150.97	37.27
26 05 33 13-1618	EA	2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	164.81	41.41
26 05 33 13-1619	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	201.93	47.62
26 05 33 13-1620	EA	3" Polyvinyl Chloride (PVC) Conduit Expansion Joint	242.12	53.83
26 05 33 13-1621	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	283.47	62.12
26 05 33 13-1622	EA	4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	337.32	72.48
26 05 33 13-1623	EA	5" Polyvinyl Chloride (PVC) Conduit Expansion Joint	446.68	86.97
26 05 33 13-1624	EA	6" Polyvinyl Chloride (PVC) Conduit Expansion Joint	587.54	111.81

26 05 33 13-1625 Polyvinyl Chloride (PVC) Conduit End Caps *(26 05 33 13-1466)*

26 05 33 13-1626	EA	1/2" Polyvinyl Chloride (PVC) Conduit End Cap	13.09	4.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.11*	
26 05 33 13-1627	EA	3/4" Polyvinyl Chloride (PVC) Conduit End Cap	15.46	4.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.73*	
26 05 33 13-1628	EA	1" Polyvinyl Chloride (PVC) Conduit End Cap	17.79	5.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.35*	
26 05 33 13-1629	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit End Cap	21.30	6.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-1630	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	24.85	7.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.59*	
26 05 33 13-1631	EA	2" Polyvinyl Chloride (PVC) Conduit End Cap	29.40	8.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.21*	
26 05 33 13-1632	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	42.23	9.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.14*	
26 05 33 13-1633	EA	3" Polyvinyl Chloride (PVC) Conduit End Cap	46.22	10.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.08*	
26 05 33 13-1634	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	59.28	12.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.01*	
26 05 33 13-1635	EA	4" Polyvinyl Chloride (PVC) Conduit End Cap	71.92	12.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.63*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1636		EA	5" Polyvinyl Chloride (PVC) Conduit End Cap	83.62	14.50
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.87*	
26 05 33 13-1637		EA	6" Polyvinyl Chloride (PVC) Conduit End Cap	106.00	16.57
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.42*	
26 05 33 13-1638			**Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways)** *(26 05 33 13-1466)*		
26 05 33 13-1639		EA	2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways EZLB200)	129.26	37.27
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.95*	
26 05 33 13-1640		EA	3/4" To 1-1/4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB121)	134.98	24.84
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.64*	
26 05 33 13-1641		EA	1-1/2" To 2-1/2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB251)	326.89	41.41
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.06*	
26 05 33 13-1642		EA	3" To 4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB401)	636.12	60.05
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.04*	
26 05 33 13-1643			**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit** *(26 05 33 13-0058)*		
			Note: Exposed installation. Excludes supporting strap, hanger and fastening.		
26 05 33 13-1644			**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit** *(26 05 33 13-1643)*		
26 05 33 13-1645		LF	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	10.23	1.70
26 05 33 13-1646		LF	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	11.40	1.86
26 05 33 13-1647		LF	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	12.57	2.15
26 05 33 13-1648		LF	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	13.73	2.48
26 05 33 13-1649		LF	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	15.37	2.89
26 05 33 13-1650		LF	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	16.63	3.32
26 05 33 13-1651		LF	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	19.84	3.94
26 05 33 13-1652		LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	23.39	4.56
26 05 33 13-1653		LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	26.96	5.38
26 05 33 13-1654		LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	31.57	6.62
26 05 33 13-1655		LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	42.02	9.32
26 05 33 13-1656		LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	54.49	12.42
26 05 33 13-1657			**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows** *(26 05 33 13-1643)*		
26 05 33 13-1658		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	131.41	8.28
			For 24" Radius, Add	*9.34*	
			For 36" Radius, Add	*13.14*	
			For 48" Radius, Add	*16.94*	
26 05 33 13-1659		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	146.72	9.12
			For 24" Radius, Add	*10.43*	
			For 36" Radius, Add	*14.67*	
			For 48" Radius, Add	*18.91*	
26 05 33 13-1660		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	151.08	10.36
			For 24" Radius, Add	*10.68*	
			For 36" Radius, Add	*15.11*	
			For 48" Radius, Add	*19.53*	
26 05 33 13-1661		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	159.55	13.25
			For 24" Radius, Add	*11.14*	
			For 36" Radius, Add	*15.96*	
			For 48" Radius, Add	*20.77*	
26 05 33 13-1662		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	169.08	16.57
			For 24" Radius, Add	*11.65*	
			For 36" Radius, Add	*16.91*	
			For 48" Radius, Add	*22.17*	
26 05 33 13-1663		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	197.05	20.71
			For 24" Radius, Add	*13.48*	
			For 36" Radius, Add	*19.71*	
			For 48" Radius, Add	*25.93*	
26 05 33 13-1664		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	236.00	24.84
			For 24" Radius, Add	*16.15*	
			For 36" Radius, Add	*23.60*	
			For 48" Radius, Add	*31.05*	
26 05 33 13-1665		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	281.14	28.99
			For 24" Radius, Add	*19.27*	
			For 36" Radius, Add	*28.11*	
			For 48" Radius, Add	*36.95*	
26 05 33 13-1666		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	322.74	35.20
			For 24" Radius, Add	*22.01*	
			For 36" Radius, Add	*32.27*	
			For 48" Radius, Add	*42.54*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1667	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	364.36	41.41
		For 24" Radius, Add	*24.74*	
		For 36" Radius, Add	*36.44*	
		For 48" Radius, Add	*48.13*	
26 05 33 13-1668	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	455.44	51.77
		For 24" Radius, Add	*30.92*	
		For 36" Radius, Add	*45.54*	
		For 48" Radius, Add	*60.17*	
26 05 33 13-1669	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	562.84	62.12
		For 24" Radius, Add	*38.33*	
		For 36" Radius, Add	*56.28*	
		For 48" Radius, Add	*74.24*	

26 05 33 13-1670 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1643)*

26 05 33 13-1671	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	111.48	8.28
		For 24" Radius, Add	*7.84*	
		For 36" Radius, Add	*11.15*	
		For 48" Radius, Add	*14.45*	
26 05 33 13-1672	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	124.41	9.12
		For 24" Radius, Add	*8.76*	
		For 36" Radius, Add	*12.44*	
		For 48" Radius, Add	*16.12*	
26 05 33 13-1673	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	128.54	10.36
		For 24" Radius, Add	*8.99*	
		For 36" Radius, Add	*12.85*	
		For 48" Radius, Add	*16.71*	
26 05 33 13-1674	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	136.79	13.25
		For 24" Radius, Add	*9.43*	
		For 36" Radius, Add	*13.68*	
		For 48" Radius, Add	*17.93*	
26 05 33 13-1675	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	146.10	16.57
		For 24" Radius, Add	*9.92*	
		For 36" Radius, Add	*14.61*	
		For 48" Radius, Add	*19.30*	
26 05 33 13-1676	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	170.90	20.71
		For 24" Radius, Add	*11.52*	
		For 36" Radius, Add	*17.09*	
		For 48" Radius, Add	*22.66*	
26 05 33 13-1677	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	204.70	24.84
		For 24" Radius, Add	*13.80*	
		For 36" Radius, Add	*20.47*	
		For 48" Radius, Add	*27.14*	
26 05 33 13-1678	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	243.58	28.99
		For 24" Radius, Add	*16.46*	
		For 36" Radius, Add	*24.36*	
		For 48" Radius, Add	*32.26*	
26 05 33 13-1679	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	280.49	35.20
		For 24" Radius, Add	*18.84*	
		For 36" Radius, Add	*28.05*	
		For 48" Radius, Add	*37.26*	
26 05 33 13-1680	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	317.41	41.41
		For 24" Radius, Add	*21.22*	
		For 36" Radius, Add	*31.74*	
		For 48" Radius, Add	*42.26*	
26 05 33 13-1681	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	396.76	51.77
		For 24" Radius, Add	*26.52*	
		For 36" Radius, Add	*39.68*	
		For 48" Radius, Add	*52.83*	
26 05 33 13-1682	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	489.48	62.12
		For 24" Radius, Add	*32.83*	
		For 36" Radius, Add	*48.95*	
		For 48" Radius, Add	*65.07*	

26 05 33 13-1683 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1643)*

26 05 33 13-1684	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	103.87	7.45
		For 24" Radius, Add	*7.32*	
		For 36" Radius, Add	*10.39*	
		For 48" Radius, Add	*13.45*	
26 05 33 13-1685	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	115.93	8.20
		For 24" Radius, Add	*8.18*	
		For 36" Radius, Add	*11.59*	
		For 48" Radius, Add	*15.00*	
26 05 33 13-1686	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	119.69	9.32
		For 24" Radius, Add	*8.39*	
		For 36" Radius, Add	*11.97*	
		For 48" Radius, Add	*15.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1687	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	127.16	11.93
		For 24" Radius, Add	*8.79*	
		For 36" Radius, Add	*12.72*	
		For 48" Radius, Add	*16.64*	
26 05 33 13-1688	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	135.58	14.91
		For 24" Radius, Add	*9.24*	
		For 36" Radius, Add	*13.56*	
		For 48" Radius, Add	*17.88*	
26 05 33 13-1689	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	158.45	18.63
		For 24" Radius, Add	*10.72*	
		For 36" Radius, Add	*15.85*	
		For 48" Radius, Add	*20.97*	
26 05 33 13-1690	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	189.80	22.36
		For 24" Radius, Add	*12.84*	
		For 36" Radius, Add	*18.98*	
		For 48" Radius, Add	*25.12*	
26 05 33 13-1691	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	225.89	26.10
		For 24" Radius, Add	*15.31*	
		For 36" Radius, Add	*22.59*	
		For 48" Radius, Add	*29.87*	
26 05 33 13-1692	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	259.96	31.68
		For 24" Radius, Add	*17.52*	
		For 36" Radius, Add	*26.00*	
		For 48" Radius, Add	*34.48*	
26 05 33 13-1693	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	294.02	37.27
		For 24" Radius, Add	*19.72*	
		For 36" Radius, Add	*29.40*	
		For 48" Radius, Add	*39.08*	
26 05 33 13-1694	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	367.52	46.59
		For 24" Radius, Add	*24.65*	
		For 36" Radius, Add	*36.75*	
		For 48" Radius, Add	*48.85*	
26 05 33 13-1695	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	453.58	55.91
		For 24" Radius, Add	*30.52*	
		For 36" Radius, Add	*45.36*	
		For 48" Radius, Add	*60.19*	

26 05 33 13-1696 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1643)*

26 05 33 13-1697	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	98.33	7.45
		For 24" Radius, Add	*6.91*	
		For 36" Radius, Add	*9.83*	
		For 48" Radius, Add	*12.76*	
26 05 33 13-1698	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	109.73	8.20
		For 24" Radius, Add	*7.72*	
		For 36" Radius, Add	*10.97*	
		For 48" Radius, Add	*14.23*	
26 05 33 13-1699	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	113.43	9.32
		For 24" Radius, Add	*7.93*	
		For 36" Radius, Add	*11.34*	
		For 48" Radius, Add	*14.76*	
26 05 33 13-1700	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	120.84	11.93
		For 24" Radius, Add	*8.32*	
		For 36" Radius, Add	*12.08*	
		For 48" Radius, Add	*15.85*	
26 05 33 13-1701	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	129.19	14.91
		For 24" Radius, Add	*8.76*	
		For 36" Radius, Add	*12.92*	
		For 48" Radius, Add	*17.08*	
26 05 33 13-1702	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	151.19	18.63
		For 24" Radius, Add	*10.17*	
		For 36" Radius, Add	*15.12*	
		For 48" Radius, Add	*20.06*	
26 05 33 13-1703	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	181.11	22.36
		For 24" Radius, Add	*12.19*	
		For 36" Radius, Add	*18.11*	
		For 48" Radius, Add	*24.04*	
26 05 33 13-1704	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	215.46	26.10
		For 24" Radius, Add	*14.53*	
		For 36" Radius, Add	*21.55*	
		For 48" Radius, Add	*28.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1705	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	248.23	31.68
		For 24" Radius, Add	*16.64*	
		For 36" Radius, Add	*24.82*	
		For 48" Radius, Add	*33.01*	
26 05 33 13-1706	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	280.98	37.27
		For 24" Radius, Add	*18.74*	
		For 36" Radius, Add	*28.10*	
		For 48" Radius, Add	*37.45*	
26 05 33 13-1707	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	351.21	46.59
		For 24" Radius, Add	*23.43*	
		For 36" Radius, Add	*35.12*	
		For 48" Radius, Add	*46.81*	
26 05 33 13-1708	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	433.20	55.91
		For 24" Radius, Add	*29.00*	
		For 36" Radius, Add	*43.32*	
		For 48" Radius, Add	*57.64*	

26 05 33 13-1709 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings *(26 05 33 13-1643)*

26 05 33 13-1710	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	60.33	5.80
26 05 33 13-1711	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	67.65	6.62
26 05 33 13-1712	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	70.23	7.45
26 05 33 13-1713	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	72.74	8.28
26 05 33 13-1714	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	78.96	10.36
26 05 33 13-1715	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	94.27	12.42
26 05 33 13-1716	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	117.48	16.57
26 05 33 13-1717	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	143.06	20.71
26 05 33 13-1718	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	170.00	26.92
26 05 33 13-1719	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	196.93	33.13
26 05 33 13-1720	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	246.16	41.41
26 05 33 13-1721	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	307.64	51.77

26 05 33 13-1722 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings *(26 05 33 13-1643)*

26 05 33 13-1723	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	40.36	5.80
26 05 33 13-1724	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	45.30	6.62
26 05 33 13-1725	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	47.67	7.45
26 05 33 13-1726	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	50.05	8.28
26 05 33 13-1727	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	55.53	10.36
26 05 33 13-1728	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	60.88	12.42
26 05 33 13-1729	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	77.19	16.57
26 05 33 13-1730	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	94.72	20.71
26 05 33 13-1731	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	115.62	26.92
26 05 33 13-1732	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	136.51	33.13
26 05 33 13-1733	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	170.69	41.41
26 05 33 13-1734	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	213.31	51.77

26 05 33 13-1735 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings *(26 05 33 13-1643)*

26 05 33 13-1736	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	46.65	4.76
26 05 33 13-1737	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	52.30	6.62
26 05 33 13-1738	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	54.75	7.45
26 05 33 13-1739	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	57.05	8.28
26 05 33 13-1740	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	63.05	10.36
26 05 33 13-1741	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	75.31	12.42
26 05 33 13-1742	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	94.49	16.57
26 05 33 13-1743	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	115.45	20.71
26 05 33 13-1744	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	138.94	26.92
26 05 33 13-1745	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	162.41	33.13
26 05 33 13-1746	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	202.99	41.41
26 05 33 13-1747	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	253.78	51.77

26 05 33 13-1748 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints *(26 05 33 13-1643)*

26 05 33 13-1749	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	87.19	20.71
26 05 33 13-1750	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	101.42	24.84
26 05 33 13-1751	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	112.21	28.99
26 05 33 13-1752	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	122.81	33.13
26 05 33 13-1753	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	134.09	37.27
26 05 33 13-1754	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	152.22	41.41
26 05 33 13-1755	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	177.50	47.62
26 05 33 13-1756	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	204.71	53.83
26 05 33 13-1757	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	234.18	62.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1758	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	268.82	72.48
26 05 33 13-1759	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	316.62	82.82
26 05 33 13-1760	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	369.89	93.18
26 05 33 13-1761		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints** *(26 05 33 13-1643)*		
26 05 33 13-1762	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	101.59	20.71
26 05 33 13-1763	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	117.55	24.84
26 05 33 13-1764	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	128.43	28.99
26 05 33 13-1765	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	139.20	33.13
26 05 33 13-1766	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	150.61	37.27
26 05 33 13-1767	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	171.08	41.41
26 05 33 13-1768	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	200.14	47.62
26 05 33 13-1769	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	231.88	53.83
26 05 33 13-1770	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	264.76	62.12
26 05 33 13-1771	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	302.81	72.48
26 05 33 13-1772	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	359.22	82.82
26 05 33 13-1773	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	423.14	93.18
26 05 33 13-1774		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters** *(26 05 33 13-1643)*		
26 05 33 13-1775	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	132.95	5.80
26 05 33 13-1776	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	148.16	6.62
26 05 33 13-1777	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	154.26	7.45
26 05 33 13-1778	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	160.56	8.28
26 05 33 13-1779	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	167.90	10.36
26 05 33 13-1780	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	186.60	12.42
26 05 33 13-1781	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	228.08	16.57
26 05 33 13-1782	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	275.65	20.71
26 05 33 13-1783	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	319.17	26.92
26 05 33 13-1784	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	362.69	33.13
26 05 33 13-1785	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	453.47	41.41
26 05 33 13-1786	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	564.12	51.77
26 05 33 13-1787		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints** *(26 05 33 13-1643)*		
26 05 33 13-1788	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	126.60	20.71
26 05 33 13-1789	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	145.28	24.84
26 05 33 13-1790	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	175.21	28.99
26 05 33 13-1791	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	221.33	33.13
26 05 33 13-1792	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	283.05	37.27
26 05 33 13-1793	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	384.93	41.41
26 05 33 13-1794	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	561.87	47.62
26 05 33 13-1795	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	683.66	53.83
26 05 33 13-1796	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	830.57	62.12
26 05 33 13-1797	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	982.65	72.48
26 05 33 13-1798	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	1,159.09	82.82
26 05 33 13-1799	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	1,849.17	93.18
26 05 33 13-1800		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover** *(26 05 33 13-1643)*		
26 05 33 13-1801	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	107.65	16.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.42*	
26 05 33 13-1802	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	125.59	18.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.98*	
26 05 33 13-1803	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	172.21	20.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.53*	
26 05 33 13-1804	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	210.90	24.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.64*	
26 05 33 13-1805	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	268.94	31.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.30*	
26 05 33 13-1806	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	376.57	37.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.95*	
26 05 33 13-1807	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	640.07	43.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.61*	
26 05 33 13-1808	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	832.72	49.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.27*	
26 05 33 13-1809	EA	3-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	1,003.98	57.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.49*	

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26 05 33 13-1810	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	1,175.24	66.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.70*	
26 05 33 13-1811	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	1,390.78	74.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.91*	
26 05 33 13-1812	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	1,579.75	82.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.12*	

26 05 33 13-1813 Explosion Proof Conduit Fittings *(26 05 33 13-0058)*

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT) and Intermediate Metal Conduit (IMC) conduit.

26 05 33 13-1814 Explosion Proof Malleable Iron Conduit Unions *(26 05 33 13-1813)*

26 05 33 13-1815	EA	1/2" Explosion Proof Malleable Iron Conduit Union	46.37	9.21
26 05 33 13-1816	EA	3/4" Explosion Proof Malleable Iron Conduit Union	57.58	10.18
26 05 33 13-1817	EA	1" Explosion Proof Malleable Iron Conduit Union	92.25	13.57
26 05 33 13-1818	EA	1-1/4" Explosion Proof Malleable Iron Conduit Union	123.14	15.02
26 05 33 13-1819	EA	1-1/2" Explosion Proof Malleable Iron Conduit Union	155.14	18.41
26 05 33 13-1820	EA	2" Explosion Proof Malleable Iron Conduit Union	193.84	21.32
26 05 33 13-1821	EA	2-1/2" Explosion Proof Malleable Iron Conduit Union	295.69	30.48
26 05 33 13-1822	EA	3" Explosion Proof Malleable Iron Conduit Union	376.68	36.29
26 05 33 13-1823	EA	3-1/2" Explosion Proof Malleable Iron Conduit Union	638.65	43.55
26 05 33 13-1824	EA	4" Explosion Proof Malleable Iron Conduit Union	674.05	55.64

26 05 33 13-1825 Explosion Proof Malleable Iron Conduit Bodies *(26 05 33 13-1813)*

26 05 33 13-1826	EA	1/2" Explosion Proof Malleable Iron Two Hub Conduit Body	165.45	29.07
26 05 33 13-1827	EA	3/4" Explosion Proof Malleable Iron Two Hub Conduit Body	186.42	32.96
26 05 33 13-1828	EA	1" Explosion Proof Malleable Iron Two Hub Conduit Conduit Body	219.13	36.35
26 05 33 13-1829	EA	1/2" Explosion Proof Malleable Iron Three Hub Conduit Body	185.38	36.35
26 05 33 13-1830	EA	3/4" Explosion Proof Malleable Iron Three Hub Conduit Body	220.75	43.62
26 05 33 13-1831	EA	1" Explosion Proof Malleable Iron Three Hub Conduit Body	261.86	49.91

26 05 33 13-1832 Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical *(26 05 33 13-1813)*

Note: Includes sealing gasket and lock nut.

26 05 33 13-1833	EA	1/2" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	136.77	24.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.17*	
26 05 33 13-1834	EA	3/4" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	138.87	27.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.35*	
26 05 33 13-1835	EA	1" x 1-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	151.62	29.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.17*	
26 05 33 13-1836	EA	1-1/4" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	195.49	36.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.26*	
26 05 33 13-1837	EA	1-1/2" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	250.97	42.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.98*	
26 05 33 13-1838	EA	2" x 2-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	324.94	48.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.35*	
26 05 33 13-1839	EA	2-1/2" x 3" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	461.26	72.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.43*	
26 05 33 13-1840	EA	3" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	583.30	90.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.22*	
26 05 33 13-1841	EA	3-1/2" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	834.46	100.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.11*	
26 05 33 13-1842	EA	4" x 5" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	1,084.41	108.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.64*	

26 05 33 13-1843 Explosion Proof Flexible Conduit Couplings *(26 05 33 13-1813)*

26 05 33 13-1844	EA	1/2" x 12" Explosion Proof Flexible Conduit Coupling	386.93	11.14
26 05 33 13-1845	EA	3/4" x 15" Explosion Proof Flexible Conduit Coupling	507.00	12.60

26 05 33 13-1846 Conduit Installed Below Grade *(26 05 33 13-0057)*

Note: By direct burial In trench or in concrete slabs or duct banks. Includes detectable warning tape for underground conduits. Excludes trenching, backfilling and concrete.

26 05 33 13-1847 Schedule 40 Polyvinyl Chloride (PVC) Conduit, Direct Burial *(26 05 33 13-1846)*

26 05 33 13-1848 Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial *(26 05 33 13-1847)*

Note: Includes field bend conduit up to 1".

26 05 33 13-1849	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	4.19	
		For Schedule 60, Add	*0.37*	
		For Schedule 80, Add	*0.62*	
26 05 33 13-1850	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	4.72	
		For Schedule 60, Add	*0.45*	
		For Schedule 80, Add	*0.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1851	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	5.53	
		For Schedule 60, Add	*0.60*	
		For Schedule 80, Add	*0.96*	
26 05 33 13-1852	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	6.32	
		For Schedule 60, Add	*0.75*	
		For Schedule 80, Add	*1.18*	
26 05 33 13-1853	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	7.02	
		For Schedule 60, Add	*0.88*	
		For Schedule 80, Add	*1.36*	
26 05 33 13-1854	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	8.11	
		For Schedule 60, Add	*1.10*	
		For Schedule 80, Add	*1.67*	
26 05 33 13-1855	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	10.42	
		For Schedule 60, Add	*1.62*	
		For Schedule 80, Add	*2.42*	
26 05 33 13-1856	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	11.73	
		For Schedule 60, Add	*1.90*	
		For Schedule 80, Add	*2.81*	
26 05 33 13-1857	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	13.82	
		For Schedule 60, Add	*2.37*	
		For Schedule 80, Add	*3.48*	
26 05 33 13-1858	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	14.90	
		For Schedule 60, Add	*2.59*	
		For Schedule 80, Add	*3.79*	
26 05 33 13-1859	LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	19.39	
		For Schedule 60, Add	*3.66*	
		For Schedule 80, Add	*5.30*	
26 05 33 13-1860	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	23.95	
		For Schedule 60, Add	*4.75*	
		For Schedule 80, Add	*6.83*	

26 05 33 13-1861 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows, Direct Burial *(26 05 33 13-1847)*

See CSI section 26 05 33 13-2307 for conduit field bending.

26 05 33 13-1862	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	27.30	
		For Schedule 60, Add	*1.65*	
		For Schedule 80, Add	*3.09*	
26 05 33 13-1863	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	32.76	
		For Schedule 60, Add	*1.98*	
		For Schedule 80, Add	*3.70*	
26 05 33 13-1864	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	38.89	
		For Schedule 60, Add	*2.48*	
		For Schedule 80, Add	*4.55*	
26 05 33 13-1865	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	45.24	
		For Schedule 60, Add	*3.03*	
		For Schedule 80, Add	*5.48*	
26 05 33 13-1866	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	51.79	
		For Schedule 60, Add	*3.63*	
		For Schedule 80, Add	*6.48*	
26 05 33 13-1867	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	58.96	
		For Schedule 60, Add	*4.39*	
		For Schedule 80, Add	*7.69*	
26 05 33 13-1868	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	69.67	
		For Schedule 60, Add	*6.03*	
		For Schedule 80, Add	*10.15*	
26 05 33 13-1869	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	82.92	
		For Schedule 60, Add	*8.31*	
		For Schedule 80, Add	*13.49*	
26 05 33 13-1870	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	101.41	
		For Schedule 60, Add	*10.86*	
		For Schedule 80, Add	*17.37*	
26 05 33 13-1871	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	120.04	
		For Schedule 60, Add	*13.45*	
		For Schedule 80, Add	*21.31*	
26 05 33 13-1872	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	158.76	
		For Schedule 60, Add	*21.05*	
		For Schedule 80, Add	*32.27*	
26 05 33 13-1873	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	187.14	
		For Schedule 60, Add	*26.08*	
		For Schedule 80, Add	*39.62*	

26 05 33 13-1874 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows, Direct Burial *(26 05 33 13-1847)*

See CSI section 26 05 33 13-2307 for conduit field bending.

26 05 33 13-1875	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	27.30	
		For Schedule 60, Add	*1.65*	
		For Schedule 80, Add	*3.09*	
26 05 33 13-1876	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	32.66	
		For Schedule 60, Add	*1.95*	
		For Schedule 80, Add	*3.67*	

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26 05 33 13-1877	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	38.75	
		For Schedule 60, Add	*2.44*	
		For Schedule 80, Add	*4.51*	
26 05 33 13-1878	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	44.83	
		For Schedule 60, Add	*2.93*	
		For Schedule 80, Add	*5.34*	
26 05 33 13-1879	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	50.87	
		For Schedule 60, Add	*3.40*	
		For Schedule 80, Add	*6.16*	
26 05 33 13-1880	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	58.47	
		For Schedule 60, Add	*4.26*	
		For Schedule 80, Add	*7.52*	
26 05 33 13-1881	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	68.74	
		For Schedule 60, Add	*5.80*	
		For Schedule 80, Add	*9.82*	
26 05 33 13-1882	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	81.75	
		For Schedule 60, Add	*8.01*	
		For Schedule 80, Add	*13.08*	
26 05 33 13-1883	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	98.12	
		For Schedule 60, Add	*10.03*	
		For Schedule 80, Add	*16.22*	
26 05 33 13-1884	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	117.21	
		For Schedule 60, Add	*12.74*	
		For Schedule 80, Add	*20.32*	
26 05 33 13-1885	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	155.10	
		For Schedule 60, Add	*20.14*	
		For Schedule 80, Add	*30.99*	
26 05 33 13-1886	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	176.23	
		For Schedule 60, Add	*23.35*	
		For Schedule 80, Add	*35.80*	

26 05 33 13-1887 Polyvinyl Chloride (PVC) Conduit Female Adapters, Direct Burial *(26 05 33 13-1847)*

26 05 33 13-1888	EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	15.15	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.35*	
26 05 33 13-1889	EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	17.46	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-1890	EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	19.85	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.59*	
26 05 33 13-1891	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	22.39	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.21*	
26 05 33 13-1892	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	24.61	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.83*	
26 05 33 13-1893	EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	27.44	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.45*	
26 05 33 13-1894	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	32.76	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.39*	
26 05 33 13-1895	EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	37.60	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.32*	
26 05 33 13-1896	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	44.53	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.87*	
26 05 33 13-1897	EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	50.08	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.42*	
26 05 33 13-1898	EA	5" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	64.09	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.98*	
26 05 33 13-1899	EA	6" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	72.89	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.53*	

26 05 33 13-1900 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug, Direct Burial *(26 05 33 13-1847)*

26 05 33 13-1901	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	17.75
26 05 33 13-1902	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	20.20
26 05 33 13-1903	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	22.69
26 05 33 13-1904	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	29.11
26 05 33 13-1905	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	32.21
26 05 33 13-1906	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	36.20
26 05 33 13-1907	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	40.51
26 05 33 13-1908	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	45.84
26 05 33 13-1909	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	54.32
26 05 33 13-1910	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	59.88
26 05 33 13-1911	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	75.84
26 05 33 13-1912	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	85.32

26 05 33 13-1913 Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial *(26 05 33 13-1847)*

26 05 33 13-1914	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	15.04
26 05 33 13-1915	EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	17.46
26 05 33 13-1916	EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	19.70
26 05 33 13-1917	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	22.13
26 05 33 13-1918	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	24.38
26 05 33 13-1919	EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	27.13
26 05 33 13-1920	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	32.13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1921	EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	36.72	
26 05 33 13-1922	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	43.41	
26 05 33 13-1923	EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	48.94	
26 05 33 13-1924	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	61.84	
26 05 33 13-1925	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	70.19	
26 05 33 13-1926		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial *(26 05 33 13-1846)*		
		Note: 40 mil Polyvinyl Chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney).		
26 05 33 13-1927		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial *(26 05 33 13-1926)*		
		Note: Includes field bending for conduit up to 1".		
26 05 33 13-1928	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	11.73	2.32
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-0.73*	
		For >1,000, Deduct	*-1.02*	
26 05 33 13-1929	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	13.17	2.88
		For >250 To 500, Deduct	*-0.49*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000, Deduct	*-1.15*	
26 05 33 13-1930	LF	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	16.22	3.21
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-1.02*	
		For >1,000, Deduct	*-1.43*	
26 05 33 13-1931	LF	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	19.59	4.31
		For >250 To 500, Deduct	*-0.76*	
		For >500 To 1,000, Deduct	*-1.25*	
		For >1,000, Deduct	*-1.74*	
26 05 33 13-1932	LF	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	23.01	4.86
		For >250 To 500, Deduct	*-0.90*	
		For >500 To 1,000, Deduct	*-1.48*	
		For >1,000, Deduct	*-2.05*	
26 05 33 13-1933	LF	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	29.17	5.30
		For >250 To 500, Deduct	*-1.15*	
		For >500 To 1,000, Deduct	*-1.88*	
		For >1,000, Deduct	*-2.61*	
26 05 33 13-1934	LF	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	42.38	7.96
		For >250 To 500, Deduct	*-1.70*	
		For >500 To 1,000, Deduct	*-2.76*	
		For >1,000, Deduct	*-3.82*	
26 05 33 13-1935	LF	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	54.65	9.95
		For >250 To 500, Deduct	*-2.18*	
		For >500 To 1,000, Deduct	*-3.55*	
		For >1,000, Deduct	*-4.91*	
26 05 33 13-1936	LF	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	67.45	10.50
		For >250 To 500, Deduct	*-2.68*	
		For >500 To 1,000, Deduct	*-4.37*	
		For >1,000, Deduct	*-6.05*	
26 05 33 13-1937	LF	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	80.09	11.60
		For >250 To 500, Deduct	*-3.18*	
		For >500 To 1,000, Deduct	*-5.18*	
		For >1,000, Deduct	*-7.18*	
26 05 33 13-1938	LF	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	125.18	16.02
		For >250 To 500, Deduct	*-5.21*	
		For >500 To 1,000, Deduct	*-8.34*	
		For >1,000, Deduct	*-11.47*	
26 05 33 13-1939	LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	167.05	20.99
		For >250 To 500, Deduct	*-7.03*	
		For >500 To 1,000, Deduct	*-11.20*	
		For >1,000, Deduct	*-15.38*	
26 05 33 13-1940		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings, Direct Burial *(26 05 33 13-1926)*		
26 05 33 13-1941	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	12.59	3.32
26 05 33 13-1942	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	15.09	4.42
26 05 33 13-1943	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	19.16	5.52
26 05 33 13-1944	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	21.62	6.08
26 05 33 13-1945	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	25.62	7.18
26 05 33 13-1946	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	33.04	8.29
26 05 33 13-1947	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	60.65	9.95
26 05 33 13-1948	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	77.13	13.82
26 05 33 13-1949	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	95.55	16.02
26 05 33 13-1950	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	118.45	22.10
26 05 33 13-1951	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	302.73	30.39
26 05 33 13-1952	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	304.54	17.12

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1953		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows, Direct Burial *(26 05 33 13-1926)*		
		Note: 90, 45, or 30 degree.		
26 05 33 13-1954	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	48.54	13.82
26 05 33 13-1955	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	55.97	17.12
26 05 33 13-1956	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	66.89	20.99
26 05 33 13-1957	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	79.21	24.31
26 05 33 13-1958	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	92.85	27.63
26 05 33 13-1959	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	113.24	30.39
26 05 33 13-1960	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	175.10	38.13
26 05 33 13-1961	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	261.84	51.93
26 05 33 13-1962	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	324.42	58.57
26 05 33 13-1963	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	371.61	76.24
26 05 33 13-1964	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	776.65	124.32
26 05 33 13-1965	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	1,222.25	186.76
26 05 33 13-1966		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows, Direct Burial *(26 05 33 13-1926)*		
26 05 33 13-1967	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	116.17	20.99
26 05 33 13-1968	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	130.67	24.31
26 05 33 13-1969	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	149.18	27.63
26 05 33 13-1970	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	178.25	30.39
26 05 33 13-1971	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	248.67	38.13
26 05 33 13-1972		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows, Direct Burial *(26 05 33 13-1926)*		
26 05 33 13-1973	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	129.50	20.99
26 05 33 13-1974	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	152.69	24.31
26 05 33 13-1975	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	164.97	27.63
26 05 33 13-1976	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	212.68	30.39
26 05 33 13-1977	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	281.88	38.13
26 05 33 13-1978	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	360.31	51.93
26 05 33 13-1979		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows, Direct Burial *(26 05 33 13-1926)*		
26 05 33 13-1980	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	145.44	20.99
26 05 33 13-1981	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	164.16	24.31
26 05 33 13-1982	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	185.23	27.63
26 05 33 13-1983	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	224.10	30.39
26 05 33 13-1984	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	320.03	38.13
26 05 33 13-1985	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	405.11	51.93
26 05 33 13-1986	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	512.02	58.57
26 05 33 13-1987	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	575.99	76.24
26 05 33 13-1988		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows, Direct Burial *(26 05 33 13-1926)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1989	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	172.96	20.99
26 05 33 13-1990	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	191.09	24.31
26 05 33 13-1991	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	215.80	27.63
26 05 33 13-1992	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	268.12	30.39
26 05 33 13-1993	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	388.32	38.13
26 05 33 13-1994	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	481.00	51.93
26 05 33 13-1995	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	558.36	58.57
26 05 33 13-1996	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	661.06	76.24
26 05 33 13-1997		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows, Direct Burial *(26 05 33 13-1926)*		
26 05 33 13-1998	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	194.39	20.99
26 05 33 13-1999	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	216.15	24.31
26 05 33 13-2000	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	245.89	27.63
26 05 33 13-2001	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	306.44	30.39
26 05 33 13-2002	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	425.58	38.13
26 05 33 13-2003	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	541.71	51.93
26 05 33 13-2004	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	671.03	58.57
26 05 33 13-2005	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	739.15	76.24
26 05 33 13-2006	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	1,232.55	124.32
26 05 33 13-2007		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows, Direct Burial *(26 05 33 13-1926)*		
26 05 33 13-2008	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	222.39	20.99
26 05 33 13-2009	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	246.43	24.31
26 05 33 13-2010	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	278.88	27.63
26 05 33 13-2011	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	348.94	30.39
26 05 33 13-2012	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	487.66	38.13
26 05 33 13-2013	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	619.05	51.93
26 05 33 13-2014	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	727.48	58.57
26 05 33 13-2015	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	839.97	76.24
26 05 33 13-2016	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	1,303.21	124.32
26 05 33 13-2017	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	1,780.53	186.76
26 05 33 13-2018		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows, Direct Burial *(26 05 33 13-1926)*		
26 05 33 13-2019	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	261.40	20.99
26 05 33 13-2020	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	273.43	24.31
26 05 33 13-2021	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	323.02	27.63
26 05 33 13-2022	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	408.10	30.39
26 05 33 13-2023	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	571.39	38.13
26 05 33 13-2024	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	723.32	51.93
26 05 33 13-2025	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	884.44	58.57
26 05 33 13-2026	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,036.09	76.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2027	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,533.67	124.32
26 05 33 13-2028	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,886.32	186.76
26 05 33 13-2029		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows, Direct Burial *(26 05 33 13-1926)*		
26 05 33 13-2030	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	270.79	20.99
26 05 33 13-2031	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	319.09	24.31
26 05 33 13-2032	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	361.19	27.63
26 05 33 13-2033	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	425.90	30.39
26 05 33 13-2034	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	592.30	38.13
26 05 33 13-2035	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	755.38	51.93
26 05 33 13-2036	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	969.92	58.57
26 05 33 13-2037	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,080.57	76.24
26 05 33 13-2038	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,595.58	124.32
26 05 33 13-2039	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,940.07	186.76
26 05 33 13-2040		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions, Direct Burial *(26 05 33 13-1926)*		
26 05 33 13-2041	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	89.95	13.82
26 05 33 13-2042	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	97.72	17.12
26 05 33 13-2043	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	127.06	20.99
26 05 33 13-2044	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	185.53	24.31
26 05 33 13-2045	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	220.39	27.63
26 05 33 13-2046	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	280.85	30.39
26 05 33 13-2047	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	374.19	38.13
26 05 33 13-2048	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	487.01	38.13
26 05 33 13-2049	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	626.67	58.57
26 05 33 13-2050	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	806.74	76.24
26 05 33 13-2051	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	1,471.49	124.32
26 05 33 13-2052	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	1,829.91	186.76
26 05 33 13-2053		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions, Direct Burial *(26 05 33 13-1926)*		
26 05 33 13-2054	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	92.05	13.82
26 05 33 13-2055	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	105.74	17.12
26 05 33 13-2056	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	131.33	20.99
26 05 33 13-2057	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	193.38	24.31
26 05 33 13-2058	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	231.28	27.63
26 05 33 13-2059	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	304.37	30.39
26 05 33 13-2060	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	424.51	38.13
26 05 33 13-2061	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	538.17	38.13
26 05 33 13-2062	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	719.18	58.57
26 05 33 13-2063	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	898.91	76.24
26 05 33 13-2064	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	1,640.44	124.32

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2065	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	2,102.72	186.76

26 05 33 13-2066 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples, Direct Burial *(26 05 33 13-1926)*

26 05 33 13-2067	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	30.94	6.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.98*	
26 05 33 13-2068	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	34.58	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-2069	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.99	10.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-2070	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	47.68	12.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-2071	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	51.77	13.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-2072	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	34.32	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-2073	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.00	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-2074	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.43	10.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-2075	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	50.27	12.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-2076	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	54.55	13.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-2077	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	59.07	15.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-2078	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	34.48	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-2079	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.17	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-2080	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.75	10.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-2081	EA	1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	50.61	12.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-2082	EA	1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	54.88	13.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-2083	EA	2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	59.94	15.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-2084	EA	1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.78	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-2085	EA	3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.46	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-2086	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.21	10.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-2087	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	52.01	12.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-2088	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	56.43	13.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-2089	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	62.65	15.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-2090	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	87.89	18.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	
26 05 33 13-2091	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	113.51	25.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-2092	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.95	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2093	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.78	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-2094	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.55	10.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-2095	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.41	12.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-2096	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	57.97	13.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-2097	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	65.35	15.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-2098	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	90.28	18.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	
26 05 33 13-2099	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	118.65	25.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-2100	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	141.77	29.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.57*	
26 05 33 13-2101	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	165.27	38.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.87*	
26 05 33 13-2102	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.26	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-2103	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.11	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-2104	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.91	10.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-2105	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	54.06	12.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-2106	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	58.65	13.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-2107	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	66.82	15.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-2108	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	99.80	18.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	
26 05 33 13-2109	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	126.35	25.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-2110	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	143.41	29.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.57*	
26 05 33 13-2111	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	169.66	38.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.87*	
26 05 33 13-2112	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	250.29	52.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.49*	
26 05 33 13-2113	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.87	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-2114	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.72	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-2115	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	46.56	10.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-2116	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	55.27	12.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-2117	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	60.10	13.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-2118	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	68.30	15.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-2119	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	109.46	18.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	
26 05 33 13-2120	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	136.59	25.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2121	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	152.64	29.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.57*	
26 05 33 13-2122	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	185.22	38.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.87*	
26 05 33 13-2123	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	273.54	52.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.49*	
26 05 33 13-2124	EA	1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.81	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-2125	EA	3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.63	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-2126	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	48.01	10.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-2127	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	55.58	12.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-2128	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	63.04	13.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-2129	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	75.49	15.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-2130	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	121.34	18.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	
26 05 33 13-2131	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	150.60	25.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-2132	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	175.72	29.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.57*	
26 05 33 13-2133	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	208.57	38.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.87*	
26 05 33 13-2134	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	289.48	52.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.49*	
26 05 33 13-2135	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.80	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-2136	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.60	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-2137	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.44	10.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-2138	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	59.93	12.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-2139	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	70.05	13.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-2140	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	86.07	15.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-2141	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	133.89	18.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	
26 05 33 13-2142	EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	168.54	25.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-2143	EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	199.97	29.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.57*	
26 05 33 13-2144	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	249.42	38.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.87*	
26 05 33 13-2145	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	321.28	52.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.49*	
26 05 33 13-2146	EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.81	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-2147	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	43.74	8.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-2148	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.06	10.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	

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26 05 33 13-2149	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	67.07	12.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-2150	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	78.52	13.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-2151	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	94.57	15.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	
26 05 33 13-2152	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	150.65	18.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	
26 05 33 13-2153	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	195.44	25.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-2154	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	214.84	29.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.57*	
26 05 33 13-2155	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	261.96	38.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.87*	
26 05 33 13-2156	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	325.82	52.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.49*	

26 05 33 13-2157 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-1846)*

Note: Direct burial or encased application.

26 05 33 13-2158 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-2157)*

26 05 33 13-2159	LF	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	9.35	1.34
		For Work In Restricted Working Space, Add	*1.01*	
26 05 33 13-2160	LF	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	10.37	1.45
		For Work In Restricted Working Space, Add	*1.09*	
26 05 33 13-2161	LF	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	11.02	1.55
		For Work In Restricted Working Space, Add	*1.17*	
26 05 33 13-2162	LF	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	11.66	1.65
		For Work In Restricted Working Space, Add	*1.24*	
26 05 33 13-2163	LF	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	12.53	1.76
		For Work In Restricted Working Space, Add	*1.32*	
26 05 33 13-2164	LF	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	13.01	1.86
		For Work In Restricted Working Space, Add	*1.40*	
26 05 33 13-2165	LF	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	14.92	1.96
		For Work In Restricted Working Space, Add	*1.48*	
26 05 33 13-2166	LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	17.18	2.07
		For Work In Restricted Working Space, Add	*1.55*	
26 05 33 13-2167	LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	18.94	2.17
		For Work In Restricted Working Space, Add	*1.63*	
26 05 33 13-2168	LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	20.69	2.27
		For Work In Restricted Working Space, Add	*1.71*	
26 05 33 13-2169	LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	24.68	2.38
		For Work In Restricted Working Space, Add	*1.79*	
26 05 33 13-2170	LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	29.64	2.48
		For Work In Restricted Working Space, Add	*1.86*	

26 05 33 13-2171 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-2157)*

26 05 33 13-2172	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	136.58	10.36
		For Work In Restricted Working Space, Add	*7.76*	
		For 24" Radius, Add	*9.60*	
		For 36" Radius, Add	*13.66*	
		For 48" Radius, Add	*17.72*	
26 05 33 13-2173	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	155.00	12.42
		For Work In Restricted Working Space, Add	*9.32*	
		For 24" Radius, Add	*10.85*	
		For 36" Radius, Add	*15.50*	
		For 48" Radius, Add	*20.15*	
26 05 33 13-2174	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	161.43	14.50
		For Work In Restricted Working Space, Add	*10.87*	
		For 24" Radius, Add	*11.20*	
		For 36" Radius, Add	*16.14*	
		For 48" Radius, Add	*21.08*	
26 05 33 13-2175	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	167.83	16.57
		For Work In Restricted Working Space, Add	*12.42*	
		For 24" Radius, Add	*11.55*	
		For 36" Radius, Add	*16.78*	
		For 48" Radius, Add	*22.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2176	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	174.26	18.63
		For Work In Restricted Working Space, Add	*13.98*	
		For 24" Radius, Add	*11.90*	
		For 36" Radius, Add	*17.43*	
		For 48" Radius, Add	*22.95*	
26 05 33 13-2177	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	197.05	20.71
		For Work In Restricted Working Space, Add	*15.53*	
		For 24" Radius, Add	*13.48*	
		For 36" Radius, Add	*19.71*	
		For 48" Radius, Add	*25.93*	
26 05 33 13-2178	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	230.82	22.78
		For Work In Restricted Working Space, Add	*17.08*	
		For 24" Radius, Add	*15.89*	
		For 36" Radius, Add	*23.08*	
		For 48" Radius, Add	*30.28*	
26 05 33 13-2179	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	270.78	24.84
		For Work In Restricted Working Space, Add	*18.64*	
		For 24" Radius, Add	*18.76*	
		For 36" Radius, Add	*27.08*	
		For 48" Radius, Add	*35.40*	
26 05 33 13-2180	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	307.22	28.99
		For Work In Restricted Working Space, Add	*21.74*	
		For 24" Radius, Add	*21.23*	
		For 36" Radius, Add	*30.72*	
		For 48" Radius, Add	*40.21*	
26 05 33 13-2181	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	343.65	37.27
		For Work In Restricted Working Space, Add	*24.85*	
		For 24" Radius, Add	*23.70*	
		For 36" Radius, Add	*34.37*	
		For 48" Radius, Add	*45.03*	
26 05 33 13-2182	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	419.21	37.27
		For Work In Restricted Working Space, Add	*27.95*	
		For 24" Radius, Add	*29.11*	
		For 36" Radius, Add	*41.92*	
		For 48" Radius, Add	*54.73*	
26 05 33 13-2183	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	511.07	41.41
		For Work In Restricted Working Space, Add	*31.06*	
		For 24" Radius, Add	*35.74*	
		For 36" Radius, Add	*51.11*	
		For 48" Radius, Add	*66.47*	

26 05 33 13-2184 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings *(26 05 33 13-2157)*

26 05 33 13-2185	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	60.33	5.80
		For Work In Restricted Working Space, Add	*4.35*	
26 05 33 13-2186	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	67.65	6.62
		For Work In Restricted Working Space, Add	*4.97*	
26 05 33 13-2187	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	70.23	7.45
		For Work In Restricted Working Space, Add	*5.59*	
26 05 33 13-2188	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	72.74	8.28
		For Work In Restricted Working Space, Add	*6.21*	
26 05 33 13-2189	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	75.86	9.12
		For Work In Restricted Working Space, Add	*6.83*	
26 05 33 13-2190	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	88.05	9.94
		For Work In Restricted Working Space, Add	*7.45*	
26 05 33 13-2191	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	104.03	11.18
		For Work In Restricted Working Space, Add	*8.39*	
26 05 33 13-2192	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	122.35	12.42
		For Work In Restricted Working Space, Add	*9.32*	
26 05 33 13-2193	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	138.93	14.50
		For Work In Restricted Working Space, Add	*10.87*	
26 05 33 13-2194	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	155.52	16.57
		For Work In Restricted Working Space, Add	*12.42*	
26 05 33 13-2195	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	189.22	18.63
		For Work In Restricted Working Space, Add	*13.98*	
26 05 33 13-2196	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	230.00	20.71
		For Work In Restricted Working Space, Add	*15.53*	

26 05 33 13-2197 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings *(26 05 33 13-2157)*

26 05 33 13-2198	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	40.36	5.80
		For Work In Restricted Working Space, Add	*4.35*	
26 05 33 13-2199	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	45.30	6.62
		For Work In Restricted Working Space, Add	*4.97*	

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26 05 33 13-2200	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	47.67	7.45
		For Work In Restricted Working Space, Add	*5.59*	
26 05 33 13-2201	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	50.05	8.28
		For Work In Restricted Working Space, Add	*6.21*	
26 05 33 13-2202	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	52.43	9.12
		For Work In Restricted Working Space, Add	*6.83*	
26 05 33 13-2203	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	54.66	9.94
		For Work In Restricted Working Space, Add	*7.45*	
26 05 33 13-2204	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	63.74	11.18
		For Work In Restricted Working Space, Add	*8.39*	
26 05 33 13-2205	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	74.01	12.42
		For Work In Restricted Working Space, Add	*9.32*	
26 05 33 13-2206	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	84.55	14.50
		For Work In Restricted Working Space, Add	*10.87*	
26 05 33 13-2207	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	95.10	16.57
		For Work In Restricted Working Space, Add	*12.42*	
26 05 33 13-2208	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	113.75	18.63
		For Work In Restricted Working Space, Add	*13.98*	
26 05 33 13-2209	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	135.67	20.71
		For Work In Restricted Working Space, Add	*15.53*	

26 05 33 13-2210 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings *(26 05 33 13-2157)*

26 05 33 13-2211	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	40.43	3.32
		For Work In Restricted Working Space, Add	*2.48*	
26 05 33 13-2212	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	45.05	3.73
		For Work In Restricted Working Space, Add	*2.80*	
26 05 33 13-2213	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	46.48	4.14
		For Work In Restricted Working Space, Add	*3.11*	
26 05 33 13-2214	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	47.73	4.56
		For Work In Restricted Working Space, Add	*3.42*	
26 05 33 13-2215	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	49.59	4.97
		For Work In Restricted Working Space, Add	*3.73*	
26 05 33 13-2216	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	58.75	5.80
		For Work In Restricted Working Space, Add	*4.35*	
26 05 33 13-2217	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	70.68	7.04
		For Work In Restricted Working Space, Add	*5.28*	
26 05 33 13-2218	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	84.39	8.28
		For Work In Restricted Working Space, Add	*6.21*	
26 05 33 13-2219	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	97.52	10.36
		For Work In Restricted Working Space, Add	*7.76*	
26 05 33 13-2220	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	110.65	12.42
		For Work In Restricted Working Space, Add	*9.32*	
26 05 33 13-2221	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	135.69	14.50
		For Work In Restricted Working Space, Add	*10.87*	
26 05 33 13-2222	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	165.78	16.57
		For Work In Restricted Working Space, Add	*12.42*	

26 05 33 13-2223 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints *(26 05 33 13-2157)*

26 05 33 13-2224	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	87.19	20.71
		For Work In Restricted Working Space, Add	*15.53*	
26 05 33 13-2225	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	101.42	24.84
		For Work In Restricted Working Space, Add	*18.64*	
26 05 33 13-2226	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	112.21	28.99
		For Work In Restricted Working Space, Add	*21.74*	
26 05 33 13-2227	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	122.81	33.13
		For Work In Restricted Working Space, Add	*24.85*	
26 05 33 13-2228	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	128.91	35.20
		For Work In Restricted Working Space, Add	*26.40*	
26 05 33 13-2229	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	141.87	37.27
		For Work In Restricted Working Space, Add	*27.95*	
26 05 33 13-2230	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	156.79	39.34
		For Work In Restricted Working Space, Add	*29.51*	
26 05 33 13-2231	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	173.65	41.41
		For Work In Restricted Working Space, Add	*31.06*	
26 05 33 13-2232	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	187.59	43.49
		For Work In Restricted Working Space, Add	*32.61*	
26 05 33 13-2233	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	201.53	45.56
		For Work In Restricted Working Space, Add	*34.17*	
26 05 33 13-2234	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	228.62	47.62
		For Work In Restricted Working Space, Add	*35.72*	
26 05 33 13-2235	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	261.18	49.70
		For Work In Restricted Working Space, Add	*37.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2236		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints** *(26 05 33 13-2157)*		
26 05 33 13-2237	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	101.59	20.71
		For Work In Restricted Working Space, Add	*15.53*	
26 05 33 13-2238	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	117.55	24.84
		For Work In Restricted Working Space, Add	*18.64*	
26 05 33 13-2239	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	128.43	28.99
		For Work In Restricted Working Space, Add	*21.74*	
26 05 33 13-2240	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	139.20	33.13
		For Work In Restricted Working Space, Add	*24.85*	
26 05 33 13-2241	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	145.43	35.20
		For Work In Restricted Working Space, Add	*26.40*	
26 05 33 13-2242	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	160.73	37.27
		For Work In Restricted Working Space, Add	*27.95*	
26 05 33 13-2243	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	179.43	39.34
		For Work In Restricted Working Space, Add	*29.51*	
26 05 33 13-2244	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	200.82	41.41
		For Work In Restricted Working Space, Add	*31.06*	
26 05 33 13-2245	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	218.17	43.49
		For Work In Restricted Working Space, Add	*32.61*	
26 05 33 13-2246	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	235.52	45.56
		For Work In Restricted Working Space, Add	*34.17*	
26 05 33 13-2247	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	271.22	47.62
		For Work In Restricted Working Space, Add	*35.72*	
26 05 33 13-2248	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	314.43	49.70
		For Work In Restricted Working Space, Add	*37.27*	
26 05 33 13-2249		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters** *(26 05 33 13-2157)*		
26 05 33 13-2250	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	132.95	5.80
		For Work In Restricted Working Space, Add	*4.35*	
26 05 33 13-2251	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	148.16	6.62
		For Work In Restricted Working Space, Add	*4.97*	
26 05 33 13-2252	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	154.26	7.45
		For Work In Restricted Working Space, Add	*5.59*	
26 05 33 13-2253	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	160.56	8.28
		For Work In Restricted Working Space, Add	*6.21*	
26 05 33 13-2254	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	164.80	9.12
		For Work In Restricted Working Space, Add	*6.83*	
26 05 33 13-2255	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	180.38	9.94
		For Work In Restricted Working Space, Add	*7.45*	
26 05 33 13-2256	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	214.63	11.18
		For Work In Restricted Working Space, Add	*8.39*	
26 05 33 13-2257	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	254.94	12.42
		For Work In Restricted Working Space, Add	*9.32*	
26 05 33 13-2258	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	288.10	14.50
		For Work In Restricted Working Space, Add	*10.87*	
26 05 33 13-2259	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	321.28	16.57
		For Work In Restricted Working Space, Add	*12.42*	
26 05 33 13-2260	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	396.53	18.63
		For Work In Restricted Working Space, Add	*13.98*	
26 05 33 13-2261	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	486.48	20.71
		For Work In Restricted Working Space, Add	*15.53*	
26 05 33 13-2262		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints** *(26 05 33 13-2157)*		
26 05 33 13-2263	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	126.60	20.71
		For Work In Restricted Working Space, Add	*15.53*	
26 05 33 13-2264	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	145.28	24.84
		For Work In Restricted Working Space, Add	*18.64*	
26 05 33 13-2265	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	175.21	28.99
		For Work In Restricted Working Space, Add	*21.74*	
26 05 33 13-2266	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	221.33	33.13
		For Work In Restricted Working Space, Add	*24.85*	
26 05 33 13-2267	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	277.87	35.20
		For Work In Restricted Working Space, Add	*26.40*	
26 05 33 13-2268	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	374.58	37.27
		For Work In Restricted Working Space, Add	*27.95*	
26 05 33 13-2269	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	541.16	39.34
		For Work In Restricted Working Space, Add	*29.51*	
26 05 33 13-2270	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	652.60	41.41
		For Work In Restricted Working Space, Add	*31.06*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2271	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial		783.98	43.49
		For Work In Restricted Working Space, Add		*32.61*	
26 05 33 13-2272	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial		915.36	45.56
		For Work In Restricted Working Space, Add		*34.17*	
26 05 33 13-2273	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial		1,071.09	47.62
		For Work In Restricted Working Space, Add		*35.72*	
26 05 33 13-2274	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial		1,740.46	49.70
		For Work In Restricted Working Space, Add		*37.27*	

26 05 33 13-2275 Spacers *(26 05 33 13-1846)*

Note: For concrete encasement applications. See CSI section 03 30 53 00-0001 for concrete., 26 05 33 13-1846 for conduit.

26 05 33 13-2276	EA	1" Base Spacers, Average 4" Wide, Direct Burial	11.15
26 05 33 13-2277	EA	1" Intermediate Spacers, Average 4" Wide, Direct Burial	11.96
26 05 33 13-2278	EA	1-1/4" Base Spacer, Average 4" Wide, Direct Burial	13.25
26 05 33 13-2279	EA	1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial	14.23
26 05 33 13-2280	EA	1-1/2" Base Spacer, Average 4" Wide, Direct Burial	13.38
26 05 33 13-2281	EA	1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	14.33
26 05 33 13-2282	EA	2" Base Spacer, Average 4" Wide, Direct Burial	16.56
26 05 33 13-2283	EA	2" Intermediate Spacers, Average 4" Wide, Direct Burial	15.37
26 05 33 13-2284	EA	2-1/2" Base Spacer, Average 4" Wide, Direct Burial	18.29
26 05 33 13-2285	EA	2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	17.69
26 05 33 13-2286	EA	3" Base Spacer, Average 4" Wide, Direct Burial	20.89
26 05 33 13-2287	EA	3" Intermediate Spacers, Average 4" Wide, Direct Burial	19.97
26 05 33 13-2288	EA	3-1/2" Base Spacer, Average 4" Wide, Direct Burial	22.64
26 05 33 13-2289	EA	3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	21.66
26 05 33 13-2290	EA	4" Base Spacer, Average 4" Wide, Direct Burial	23.34
26 05 33 13-2291	EA	4" Intermediate Spacers, Average 4" Wide, Direct Burial	22.26
26 05 33 13-2292	EA	5" Base Spacer, Average 4" Wide, Direct Burial	25.82
26 05 33 13-2293	EA	5" Intermediate Spacers, Average 4" Wide, Direct Burial	24.54
26 05 33 13-2294	EA	6" Base Spacer, Average 4" Wide, Direct Burial	29.29
26 05 33 13-2295	EA	6" Intermediate Spacers, Average 4" Wide, Direct Burial	28.21

26 05 33 13-2296 Conduit Field Bending *(26 05 33 13-0057)*

26 05 33 13-2297 Metallic Conduit Field Bending *(26 05 33 13-2296)*

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT), Intermediate Metal Conduit (IMC) and aluminum conduits.

26 05 33 13-2298	EA	1-1/4" Metallic Conduit Field Bending	18.64
26 05 33 13-2299	EA	1-1/2" Metallic Conduit Field Bending	24.85
26 05 33 13-2300	EA	2" Metallic Conduit Field Bending	31.05
26 05 33 13-2301	EA	2-1/2" Metallic Conduit Field Bending	43.47
26 05 33 13-2302	EA	3" Metallic Conduit Field Bending	55.90
26 05 33 13-2303	EA	3-1/2" Metallic Conduit Field Bending	68.32
26 05 33 13-2304	EA	4" Metallic Conduit Field Bending	80.74
26 05 33 13-2305	EA	5" Metallic Conduit Field Bending	99.37
26 05 33 13-2306	EA	6" Metallic Conduit Field Bending	118.01

26 05 33 13-2307 Plastic Conduit Field Bending *(26 05 33 13-2296)*

Note: For PVC conduits.

26 05 33 13-2308	EA	1" Plastic Conduit Field Bending	28.57
26 05 33 13-2309	EA	1-1/4" Plastic Conduit Field Bending	31.05
26 05 33 13-2310	EA	1-1/2" Plastic Conduit Field Bending	37.26
26 05 33 13-2311	EA	2" Plastic Conduit Field Bending	49.69
26 05 33 13-2312	EA	2-1/2" Plastic Conduit Field Bending	62.11
26 05 33 13-2313	EA	3" Plastic Conduit Field Bending	74.53
26 05 33 13-2314	EA	3-1/2" Plastic Conduit Field Bending	86.95
26 05 33 13-2315	EA	4" Plastic Conduit Field Bending	99.37
26 05 33 13-2316	EA	5" Plastic Conduit Field Bending	111.79
26 05 33 13-2317	EA	6" Plastic Conduit Field Bending	124.22

26 05 33 13-2318 Cut And Thread Existing In-Place Threaded Conduit *(26 05 33 13-0057)*

Note: For use when connecting conduit to an existing in-place system.

26 05 33 13-2319	EA	1/2", Cut And Thread Existing In-Place Threaded Conduit		36.35
		For Work In Restricted Working Space, Add	*10.91*	
26 05 33 13-2320	EA	3/4", Cut And Thread Existing In-Place Threaded Conduit		39.98
		For Work In Restricted Working Space, Add	*11.99*	
26 05 33 13-2321	EA	1", Cut And Thread Existing In-Place Threaded Conduit		43.62
		For Work In Restricted Working Space, Add	*13.09*	
26 05 33 13-2322	EA	1-1/4", Cut And Thread Existing In-Place Threaded Conduit		47.25
		For Work In Restricted Working Space, Add	*14.18*	
26 05 33 13-2323	EA	1-1/2", Cut And Thread Existing In-Place Threaded Conduit		49.67
		For Work In Restricted Working Space, Add	*14.90*	
26 05 33 13-2324	EA	2", Cut And Thread Existing In-Place Threaded Conduit		52.09
		For Work In Restricted Working Space, Add	*15.63*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2325		EA	2-1/2", Cut And Thread Existing In-Place Threaded Conduit	54.52	
			For Work In Restricted Working Space, Add	*16.36*	
26 05 33 13-2326		EA	3", Cut And Thread Existing In-Place Threaded Conduit	56.94	
			For Work In Restricted Working Space, Add	*17.08*	
26 05 33 13-2327		EA	3-1/2", Cut And Thread Existing In-Place Threaded Conduit	58.15	
			For Work In Restricted Working Space, Add	*17.45*	
26 05 33 13-2328		EA	4", Cut And Thread Existing In-Place Threaded Conduit	59.37	
			For Work In Restricted Working Space, Add	*17.81*	
26 05 33 13-2329		EA	5", Cut And Thread Existing In-Place Threaded Conduit	61.79	
			For Work In Restricted Working Space, Add	*18.54*	
26 05 33 13-2330		EA	6", Cut And Thread Existing In-Place Threaded Conduit	64.21	
			For Work In Restricted Working Space, Add	*19.26*	

26 05 33 13-2331 Flexible Conduit *(26 05 33 13-0057)*

26 05 33 13-2332 Flexible Liquid Tight Metallic Conduit And Connectors *(26 05 33 13-2331)*

Note: Steel inner core with PVC cover.

26 05 33 13-2333 Flexible Liquid Tight Metallic Conduit *(26 05 33 13-2332)*

26 05 33 13-2334		LF	3/8" Flexible Liquid Tight Metallic Conduit	4.65	1.32
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.50*	
			For Work In Restricted Working Space, Add	*1.00*	
26 05 33 13-2335		LF	1/2" Flexible Liquid Tight Metallic Conduit	4.84	1.32
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.50*	
			For Work In Restricted Working Space, Add	*1.00*	
26 05 33 13-2336		LF	3/4" Flexible Liquid Tight Metallic Conduit	6.49	1.76
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.66*	
			For Work In Restricted Working Space, Add	*1.33*	
26 05 33 13-2337		LF	1" Flexible Liquid Tight Metallic Conduit	7.54	1.76
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.66*	
			For Work In Restricted Working Space, Add	*1.33*	
26 05 33 13-2338		LF	1-1/4" Flexible Liquid Tight Metallic Conduit	9.77	2.21
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.83*	
			For Work In Restricted Working Space, Add	*1.66*	
26 05 33 13-2339		LF	1-1/2" Flexible Liquid Tight Metallic Conduit	12.60	2.66
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.99*	
			For Work In Restricted Working Space, Add	*1.99*	
26 05 33 13-2340		LF	2" Flexible Liquid Tight Metallic Conduit	16.57	3.54
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.33*	
			For Work In Restricted Working Space, Add	*2.65*	
26 05 33 13-2341		LF	2-1/2" Flexible Liquid Tight Metallic Conduit	22.71	3.98
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.49*	
			For Work In Restricted Working Space, Add	*2.99*	
26 05 33 13-2342		LF	3" Flexible Liquid Tight Metallic Conduit	33.62	4.86
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.82*	
			For Work In Restricted Working Space, Add	*3.65*	
26 05 33 13-2343		LF	4" Flexible Liquid Tight Metallic Conduit	46.11	6.19
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.32*	
			For Work In Restricted Working Space, Add	*4.64*	

26 05 33 13-2344 Straight Liquid Tight Connector *(26 05 33 13-2332)*

26 05 33 13-2345		EA	3/8" Straight Liquid Tight Connector	12.63	3.54
			For Work In Restricted Working Space, Add	*2.65*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.65*	
26 05 33 13-2346		EA	1/2" Straight Liquid Tight Connector	12.63	3.54
			For Work In Restricted Working Space, Add	*2.65*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.65*	
26 05 33 13-2347		EA	3/4" Straight Liquid Tight Connector	15.37	3.98
			For Work In Restricted Working Space, Add	*2.99*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.99*	
26 05 33 13-2348		EA	1" Straight Liquid Tight Connector	20.73	4.42
			For Work In Restricted Working Space, Add	*3.32*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.32*	
26 05 33 13-2349		EA	1-1/4" Straight Liquid Tight Connector	26.79	4.86
			For Work In Restricted Working Space, Add	*3.65*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.65*	
26 05 33 13-2350		EA	1-1/2" Straight Liquid Tight Connector	34.14	5.30
			For Work In Restricted Working Space, Add	*3.98*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.98*	
26 05 33 13-2351		EA	2" Straight Liquid Tight Connector	47.28	6.19
			For Work In Restricted Working Space, Add	*4.64*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.64*	
26 05 33 13-2352		EA	2-1/2" Straight Liquid Tight Connector	164.29	7.96
			For Work In Restricted Working Space, Add	*5.97*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.97*	
26 05 33 13-2353		EA	3" Straight Liquid Tight Connector	212.23	8.40
			For Work In Restricted Working Space, Add	*6.30*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-2354		EA	4" Straight Liquid Tight Connector	259.33	12.37
			For Work In Restricted Working Space, Add	*9.28*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.28*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2355		**90 Degree Angle Liquid Tight Connector** *(26 05 33 13-2332)*		
26 05 33 13-2356	EA	3/8" 90 Degree Angle Liquid Tight Connector	18.47	4.86
		For Work In Restricted Working Space, Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.65*	
26 05 33 13-2357	EA	1/2" 90 Degree Angle Liquid Tight Connector	19.29	4.86
		For Work In Restricted Working Space, Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.65*	
26 05 33 13-2358	EA	3/4" 90 Degree Angle Liquid Tight Connector	21.85	5.30
		For Work In Restricted Working Space, Add	*3.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.98*	
26 05 33 13-2359	EA	1" 90 Degree Angle Liquid Tight Connector	31.08	6.19
		For Work In Restricted Working Space, Add	*4.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.64*	
26 05 33 13-2360	EA	1-1/4" 90 Degree Angle Liquid Tight Connector	39.40	6.63
		For Work In Restricted Working Space, Add	*4.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-2361	EA	1-1/2" 90 Degree Angle Liquid Tight Connector	48.00	7.07
		For Work In Restricted Working Space, Add	*5.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.30*	
26 05 33 13-2362	EA	2" 90 Degree Angle Liquid Tight Connector	63.80	7.96
		For Work In Restricted Working Space, Add	*5.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.97*	
26 05 33 13-2363	EA	2-1/2" 90 Degree Angle Liquid Tight Connector	230.10	8.40
		For Work In Restricted Working Space, Add	*6.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-2364	EA	3" 90 Degree Angle Liquid Tight Connector	271.94	9.72
		For Work In Restricted Working Space, Add	*7.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.29*	
26 05 33 13-2365	EA	4" 90 Degree Angle Liquid Tight Connector	375.76	15.47
		For Work In Restricted Working Space, Add	*11.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.60*	
26 05 33 13-2366		**45 Degree Angle Connector** *(26 05 33 13-2332)*		
26 05 33 13-2367	EA	3/8" 45 Degree Angle Liquid Tight Connector	18.20	4.86
		For Work In Restricted Working Space, Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.65*	
26 05 33 13-2368	EA	1/2" 45 Degree Angle Liquid Tight Connector	18.39	4.86
		For Work In Restricted Working Space, Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.65*	
26 05 33 13-2369	EA	3/4" 45 Degree Angle Liquid Tight Connector	21.85	5.30
		For Work In Restricted Working Space, Add	*3.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.98*	
26 05 33 13-2370	EA	1" 45 Degree Angle Liquid Tight Connector	33.31	6.19
		For Work In Restricted Working Space, Add	*4.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.64*	
26 05 33 13-2371	EA	1-1/4" 45 Degree Angle Liquid Tight Connector	37.96	6.63
		For Work In Restricted Working Space, Add	*4.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-2372	EA	1-1/2" 45 Degree Angle Liquid Tight Connector	42.62	7.07
		For Work In Restricted Working Space, Add	*5.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.30*	
26 05 33 13-2373		**Flexible Metallic Conduit And Connectors** *(26 05 33 13-2331)*		
26 05 33 13-2374		**Flexible Steel Conduit** *(26 05 33 13-2373)*		
26 05 33 13-2375	LF	3/8" Flexible Metallic Conduit	4.34	1.45
		For Flexible Aluminum Conduit, Add	*0.13*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.53*	
		For Installation In Metal Stud Wall, Add	*0.36*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.89*	
		For Work In Restricted Working Space, Add	*1.07*	
26 05 33 13-2376	LF	1/2" Flexible Metallic Conduit	4.50	1.45
		For Flexible Aluminum Conduit, Add	*0.14*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.54*	
		For Installation In Metal Stud Wall, Add	*0.36*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.91*	
		For Work In Restricted Working Space, Add	*1.09*	
26 05 33 13-2377	LF	3/4" Flexible Metallic Conduit	5.11	1.93
		For Flexible Aluminum Conduit, Add	*0.19*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.59*	
		For Installation In Metal Stud Wall, Add	*0.39*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.98*	
		For Work In Restricted Working Space, Add	*1.18*	
26 05 33 13-2378	LF	1" Flexible Metallic Conduit	6.44	1.93
		For Flexible Aluminum Conduit, Add	*0.36*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.63*	
		For Installation In Metal Stud Wall, Add	*0.42*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.06*	
		For Work In Restricted Working Space, Add	*1.27*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2379		LF	1-1/4" Flexible Metallic Conduit	7.36	2.42
			For Flexible Aluminum Conduit, Add	*0.48*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.67*	
			For Installation In Metal Stud Wall, Add	*0.45*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*1.12*	
			For Work In Restricted Working Space, Add	*1.34*	
26 05 33 13-2380		LF	1-1/2" Flexible Metallic Conduit	9.71	2.91
			For Flexible Aluminum Conduit, Add	*0.83*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.70*	
			For Installation In Metal Stud Wall, Add	*0.47*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*1.17*	
			For Work In Restricted Working Space, Add	*1.40*	
26 05 33 13-2381		LF	2" Flexible Metallic Conduit	11.04	3.87
			For Flexible Aluminum Conduit, Add	*1.02*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.73*	
			For Installation In Metal Stud Wall, Add	*0.48*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*1.21*	
			For Work In Restricted Working Space, Add	*1.45*	
26 05 33 13-2382		LF	2-1/2" Flexible Steel Conduit	13.54	4.35
			For Flexible Aluminum Conduit, Add	*1.24*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.91*	
			For Installation In Metal Stud Wall, Add	*0.60*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*1.51*	
			For Work In Restricted Working Space, Add	*1.81*	
26 05 33 13-2383		LF	3" Flexible Metallic Conduit	20.29	5.32
			For Flexible Aluminum Conduit, Add	*2.15*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.09*	
			For Installation In Metal Stud Wall, Add	*0.73*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*1.82*	
			For Work In Restricted Working Space, Add	*2.18*	
26 05 33 13-2384		LF	3-1/2" Flexible Metallic Conduit	24.90	5.80
			For Flexible Aluminum Conduit, Add	*2.71*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.27*	
			For Installation In Metal Stud Wall, Add	*0.85*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*2.12*	
			For Work In Restricted Working Space, Add	*2.54*	
26 05 33 13-2385		LF	4" Flexible Metallic Conduit	28.62	6.78
			For Flexible Aluminum Conduit, Add	*3.13*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.45*	
			For Installation In Metal Stud Wall, Add	*0.97*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*2.42*	
			For Work In Restricted Working Space, Add	*2.90*	

26 05 33 13-2386 Plain Squeeze Type Straight Connector *(26 05 33 13-2373)*

26 05 33 13-2387		EA	3/8" Flexible Straight Connectors, Plain	7.44	3.87
			For Work In Restricted Working Space, Add	*1.63*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.63*	
26 05 33 13-2388		EA	1/2" Flexible Straight Connectors, Plain	9.21	4.35
			For Work In Restricted Working Space, Add	*1.81*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.81*	
26 05 33 13-2389		EA	3/4" Flexible Straight Connectors, Plain	10.60	5.32
			For Work In Restricted Working Space, Add	*2.18*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.18*	
26 05 33 13-2390		EA	1" Flexible Straight Connectors, Plain	17.01	5.80
			For Work In Restricted Working Space, Add	*2.90*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.90*	
26 05 33 13-2391		EA	1-1/4" Flexible Straight Connectors, Plain	24.11	6.78
			For Work In Restricted Working Space, Add	*3.63*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.63*	
26 05 33 13-2392		EA	1-1/2" Flexible Straight Connectors, Plain	31.80	8.23
			For Work In Restricted Working Space, Add	*4.54*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.54*	
26 05 33 13-2393		EA	2" Flexible Straight Connectors, Plain	41.86	8.23
			For Work In Restricted Working Space, Add	*5.44*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-2394		EA	2-1/2" Flexible Straight Connectors, Plain	67.77	10.16
			For Work In Restricted Working Space, Add	*6.35*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.35*	
26 05 33 13-2395		EA	3" Flexible Straight Connectors, Plain	88.80	11.12
			For Work In Restricted Working Space, Add	*7.26*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 33 13-2396		EA	3-1/2" Flexible Straight Connectors, Plain	277.08	13.06
			For Work In Restricted Working Space, Add	*8.16*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.16*	
26 05 33 13-2397		EA	4" Flexible Straight Connectors, Plain	346.35	15.97
			For Work In Restricted Working Space, Add	*9.07*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	

26 05 33 13-2398 Insulated Throat Squeeze Type Straight Connector *(26 05 33 13-2373)*

26 05 33 13-2399		EA	1/2" Flexible Straight Connectors, Insulated	10.31	4.35
			For Work In Restricted Working Space, Add	*1.81*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.81*	

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26 05 33 13-2400	EA	3/4" Flexible Straight Connectors, Insulated	12.04	5.32
		For Work In Restricted Working Space, Add	*2.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.18*	
26 05 33 13-2401	EA	1" Flexible Straight Connectors, Insulated	18.96	5.80
		For Work In Restricted Working Space, Add	*2.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.90*	
26 05 33 13-2402	EA	1-1/4" Flexible Straight Connectors, Insulated	27.70	6.78
		For Work In Restricted Working Space, Add	*3.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.63*	
26 05 33 13-2403	EA	1-1/2" Flexible Straight Connectors, Insulated	38.18	7.26
		For Work In Restricted Working Space, Add	*4.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.54*	
26 05 33 13-2404	EA	2" Flexible Straight Connectors, Insulated	53.12	8.23
		For Work In Restricted Working Space, Add	*5.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-2405	EA	2-1/2" Flexible Straight Connectors, Insulated	91.87	10.16
		For Work In Restricted Working Space, Add	*6.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.35*	
26 05 33 13-2406	EA	3" Flexible Straight Connectors, Insulated	117.20	11.12
		For Work In Restricted Working Space, Add	*7.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 33 13-2407	EA	3-1/2" Flexible Straight Connectors, Insulated	320.86	13.06
		For Work In Restricted Working Space, Add	*8.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.16*	
26 05 33 13-2408	EA	4" Flexible Straight Connectors, Insulated	412.17	15.97
		For Work In Restricted Working Space, Add	*9.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	

26 05 33 13-2409 Plain Squeeze Type 90 Degree Connector *(26 05 33 13-2373)*

26 05 33 13-2410	EA	3/8" Flexible 90 Degree Connector, Plain	10.46	4.84
		For Work In Restricted Working Space, Add	*2.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.18*	
26 05 33 13-2411	EA	1/2" Flexible 90 Degree Connector, Plain	13.83	5.32
		For Work In Restricted Working Space, Add	*2.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.54*	
26 05 33 13-2412	EA	3/4" Flexible 90 Degree Connector, Plain	18.06	5.80
		For Work In Restricted Working Space, Add	*2.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.90*	
26 05 33 13-2413	EA	1" Flexible 90 Degree Connector, Plain	25.34	6.78
		For Work In Restricted Working Space, Add	*3.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.63*	
26 05 33 13-2414	EA	1-1/4" Flexible 90 Degree Connector, Plain	39.65	7.26
		For Work In Restricted Working Space, Add	*4.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.35*	
26 05 33 13-2415	EA	1-1/2" Flexible 90 Degree Connector, Plain	62.08	8.47
		For Work In Restricted Working Space, Add	*5.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-2416	EA	2" Flexible 90 Degree Connector, Plain	74.91	10.40
		For Work In Restricted Working Space, Add	*6.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.17*	
26 05 33 13-2417	EA	2-1/2" Flexible 90 Degree Connector, Plain	165.83	11.12
		For Work In Restricted Working Space, Add	*7.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 33 13-2418	EA	3" Flexible 90 Degree Connector, Plain	213.16	13.06
		For Work In Restricted Working Space, Add	*8.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.16*	
26 05 33 13-2419	EA	3-1/2" Flexible 90 Degree Connector, Plain	453.11	15.97
		For Work In Restricted Working Space, Add	*9.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 05 33 13-2420	EA	4" Flexible 90 Degree Connector, Plain	810.09	18.14
		For Work In Restricted Working Space, Add	*10.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.89*	

26 05 33 13-2421 Insulated Throat Squeeze Type 90 Degree Connector *(26 05 33 13-2373)*

26 05 33 13-2422	EA	1/2" Flexible 90 Degree Connector, Insulated	15.35	5.32
		For Work In Restricted Working Space, Add	*2.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.54*	
26 05 33 13-2423	EA	3/4" Flexible 90 Degree Connector, Insulated	19.93	5.80
		For Work In Restricted Working Space, Add	*2.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.90*	
26 05 33 13-2424	EA	1" Flexible 90 Degree Connector, Insulated	25.34	6.78
		For Work In Restricted Working Space, Add	*3.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.63*	
26 05 33 13-2425	EA	1-1/4" Flexible 90 Degree Connector, Insulated	46.30	7.26
		For Work In Restricted Working Space, Add	*4.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.35*	
26 05 33 13-2426	EA	1-1/2" Flexible 90 Degree Connector, Insulated	74.15	8.47
		For Work In Restricted Working Space, Add	*5.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-2427	EA	2" Flexible 90 Degree Connector, Insulated	94.53	10.40
		For Work In Restricted Working Space, Add	*6.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2428	EA	2-1/2" Flexible 90 Degree Connector, Insulated	227.17	11.12
		For Work In Restricted Working Space, Add	*7.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 33 13-2429	EA	3" Flexible 90 Degree Connector, Insulated	279.62	13.06
		For Work In Restricted Working Space, Add	*8.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.16*	
26 05 33 13-2430	EA	3-1/2" Flexible 90 Degree Connector, Insulated	754.34	15.97
		For Work In Restricted Working Space, Add	*9.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 05 33 13-2431	EA	4" Flexible 90 Degree Connector, Insulated	1,125.59	18.14
		For Work In Restricted Working Space, Add	*10.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.89*	

26 05 33 13-2432 Plain Squeeze Type 45 Degree Connector *(26 05 33 13-2373)*

26 05 33 13-2433	EA	3/8" Flexible 45 Degree Connector, Plain	11.68	4.84
		For Work In Restricted Working Space, Add	*2.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.18*	
26 05 33 13-2434	EA	1/2" Flexible 45 Degree Connector, Plain	15.79	5.32
		For Work In Restricted Working Space, Add	*2.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.54*	
26 05 33 13-2435	EA	3/4" Flexible 45 Degree Connector, Plain	20.25	5.80
		For Work In Restricted Working Space, Add	*2.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.90*	

26 05 33 13-2436 Insulated Squeeze Type 45 Degree Connector *(26 05 33 13-2373)*

26 05 33 13-2437	EA	3/8" Flexible 45 Degree Connector, Insulated	12.53	5.80
		For Work In Restricted Working Space, Add	*2.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.18*	
26 05 33 13-2438	EA	1/2" Flexible 45 Degree Connector, Insulated	17.17	5.32
		For Work In Restricted Working Space, Add	*2.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.54*	
26 05 33 13-2439	EA	3/4" Flexible 45 Degree Connector, Insulated	22.21	5.80
		For Work In Restricted Working Space, Add	*2.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.90*	

26 05 33 13-2440 Plain Screw-In Connector *(26 05 33 13-2373)*

26 05 33 13-2441	EA	3/8" Flexible Steel Screw-in Connector, Plain	6.18	3.87
		For Work In Restricted Working Space, Add	*1.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.63*	
26 05 33 13-2442	EA	1/2" Flexible Steel Screw-in Connector, Plain	6.66	4.35
		For Work In Restricted Working Space, Add	*1.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.81*	
26 05 33 13-2443	EA	3/4" Flexible Steel Screw-in Connector, Plain	8.50	5.32
		For Work In Restricted Working Space, Add	*2.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.18*	
26 05 33 13-2444	EA	1" Flexible Steel Screw-in Connector, Plain	12.17	5.80
		For Work In Restricted Working Space, Add	*2.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.90*	
26 05 33 13-2445	EA	1-1/4" Flexible Steel Screw-in Connector, Plain	17.96	6.78
		For Work In Restricted Working Space, Add	*3.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.63*	
26 05 33 13-2446	EA	1-1/2" Flexible Steel Screw-in Connector, Plain	21.94	7.26
		For Work In Restricted Working Space, Add	*4.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.54*	
26 05 33 13-2447	EA	2" Flexible Steel Screw-in Connector, Plain	32.31	8.23
		For Work In Restricted Working Space, Add	*5.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	

26 05 33 13-2448 Insulated Screw-In Connector *(26 05 33 13-2373)*

26 05 33 13-2449	EA	3/8" Flexible Steel Screw-in Connector, Insulated	6.54	3.87
		For Work In Restricted Working Space, Add	*1.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.63*	
26 05 33 13-2450	EA	1/2" Flexible Steel Screw-in Connector, Insulated	6.94	4.35
		For Work In Restricted Working Space, Add	*1.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.81*	
26 05 33 13-2451	EA	3/4" Flexible Steel Screw-in Connector, Insulated	9.25	5.32
		For Work In Restricted Working Space, Add	*2.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.18*	
26 05 33 13-2452	EA	1" Flexible Steel Screw-in Connector, Insulated	13.31	5.80
		For Work In Restricted Working Space, Add	*2.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.90*	
26 05 33 13-2453	EA	1-1/4" Flexible Steel Screw-in Connector, Insulated	19.57	6.78
		For Work In Restricted Working Space, Add	*3.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.63*	
26 05 33 13-2454	EA	1-1/2" Flexible Steel Screw-in Connector, Insulated	23.88	7.26
		For Work In Restricted Working Space, Add	*4.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.54*	
26 05 33 13-2455	EA	2" Flexible Steel Screw-in Connector, Insulated	34.01	8.23
		For Work In Restricted Working Space, Add	*5.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 33 13-2456 Screw-In Coupling *(26 05 33 13-2373)*

26 05 33 13-2457	EA	1/2" Flexible Steel Screw-in Coupling	7.36	4.35
		For Work In Restricted Working Space, Add	*1.81*	
26 05 33 13-2458	EA	3/4" Flexible Steel Screw-in Coupling	9.68	5.32
		For Work In Restricted Working Space, Add	*2.18*	

26 05 33 13-2459 Flexible To Electrical Metallic Tubing (EMT) Coupling *(26 05 33 13-2373)*

26 05 33 13-2460	EA	3/8" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	9.94	3.87
		For Work In Restricted Working Space, Add	*1.63*	
26 05 33 13-2461	EA	1/2" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	13.55	4.35
		For Work In Restricted Working Space, Add	*1.81*	
26 05 33 13-2462	EA	3/4" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	17.94	5.32
		For Work In Restricted Working Space, Add	*2.18*	

26 05 33 13-2463 Die Cast Squeeze Type Straight Connector *(26 05 33 13-2373)*

26 05 33 13-2464	EA	3/8" Flexible Straight Connector, Die Cast	6.40	3.87
		For Work In Restricted Working Space, Add	*1.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.63*	
26 05 33 13-2465	EA	1/2" Flexible Straight Connector, Die Cast	7.24	4.35
		For Work In Restricted Working Space, Add	*1.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.81*	
26 05 33 13-2466	EA	3/4" Flexible Straight Connector, Die Cast	9.00	5.32
		For Work In Restricted Working Space, Add	*2.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.18*	
26 05 33 13-2467	EA	1" Flexible Straight Connector, Die Cast	13.56	5.80
		For Work In Restricted Working Space, Add	*2.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.90*	
26 05 33 13-2468	EA	1-1/4" Flexible Straight Connector, Die Cast	18.30	6.78
		For Work In Restricted Working Space, Add	*3.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.63*	
26 05 33 13-2469	EA	1-1/2" Flexible Straight Connector, Die Cast	24.85	7.26
		For Work In Restricted Working Space, Add	*4.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.54*	
26 05 33 13-2470	EA	2" Flexible Straight Connector, Die Cast	32.15	8.23
		For Work In Restricted Working Space, Add	*5.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	

26 05 33 13-2471 Die Cast Squeeze Type 90 Degree Connector *(26 05 33 13-2373)*

26 05 33 13-2472	EA	3/8" Flexible 90 Degree Connector, Die Cast	8.49	4.84
		For Work In Restricted Working Space, Add	*2.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.18*	
26 05 33 13-2473	EA	1/2" Flexible 90 Degree Connector, Die Cast	10.53	5.32
		For Work In Restricted Working Space, Add	*2.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.54*	
26 05 33 13-2474	EA	3/4" Flexible 90 Degree Connector, Die Cast	12.78	5.80
		For Work In Restricted Working Space, Add	*2.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.90*	
26 05 33 13-2475	EA	1" Flexible 90 Degree Connector, Die Cast	20.32	6.78
		For Work In Restricted Working Space, Add	*3.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.63*	
26 05 33 13-2476	EA	1-1/4" Flexible 90 Degree Connector, Die Cast	28.86	7.26
		For Work In Restricted Working Space, Add	*4.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.35*	
26 05 33 13-2477	EA	1-1/2" Flexible 90 Degree Connector, Die Cast	44.92	8.47
		For Work In Restricted Working Space, Add	*5.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-2478	EA	2" Flexible 90 Degree Connector, Die Cast	53.74	10.40
		For Work In Restricted Working Space, Add	*6.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.17*	

26 05 33 13-2479 Flexible Liquid Tight Non-Metallic Conduit And Connectors *(26 05 33 13-2331)*

26 05 33 13-2480 Flexible Liquid Tight Non-Metallic Conduit *(26 05 33 13-2479)*

26 05 33 13-2481	LF	3/8" Flexible Liquid Tight Non-Metallic Conduit	4.20	1.32
		For Work In Restricted Working Space, Add	*1.00*	
26 05 33 13-2482	LF	1/2" Flexible Liquid Tight Non-Metallic Conduit	4.27	1.32
		For Work In Restricted Working Space, Add	*1.00*	
26 05 33 13-2483	LF	3/4" Flexible Liquid Tight Non-Metallic Conduit	5.74	1.76
		For Work In Restricted Working Space, Add	*1.33*	
26 05 33 13-2484	LF	1" Flexible Liquid Tight Non-Metallic Conduit	7.08	1.76
		For Work In Restricted Working Space, Add	*1.33*	
26 05 33 13-2485	LF	1-1/4" Flexible Liquid Tight Non-Metallic Conduit	8.98	2.21
		For Work In Restricted Working Space, Add	*1.66*	
26 05 33 13-2486	LF	1-1/2" Flexible Liquid Tight Non-Metallic Conduit	11.44	2.66
		For Work In Restricted Working Space, Add	*1.99*	
26 05 33 13-2487	LF	2" Flexible Liquid Tight Non-Metallic Conduit	14.71	3.54
		For Work In Restricted Working Space, Add	*2.65*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2488		**Liquid Tight Non-Metallic Straight Connector** *(26 05 33 13-2479)*		
26 05 33 13-2489	EA	3/8" Liquid Tight Non-Metallic Straight Connector	12.08	3.54
		For Work In Restricted Working Space, Add	*2.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.65*	
26 05 33 13-2490	EA	1/2" Liquid Tight Non-Metallic Straight Connector	12.08	3.54
		For Work In Restricted Working Space, Add	*2.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.65*	
26 05 33 13-2491	EA	3/4" Liquid Tight Non-Metallic Straight Connector	14.74	3.98
		For Work In Restricted Working Space, Add	*2.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.99*	
26 05 33 13-2492	EA	1" Liquid Tight Non-Metallic Straight Connector	18.25	4.42
		For Work In Restricted Working Space, Add	*3.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.32*	
26 05 33 13-2493	EA	1-1/4" Liquid Tight Non-Metallic Straight Connector	25.07	4.86
		For Work In Restricted Working Space, Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.65*	
26 05 33 13-2494	EA	1-1/2" Liquid Tight Non-Metallic Straight Connector	31.24	5.30
		For Work In Restricted Working Space, Add	*3.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.98*	
26 05 33 13-2495	EA	2" Liquid Tight Non-Metallic Straight Connector	48.45	6.19
		For Work In Restricted Working Space, Add	*4.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.64*	
26 05 33 13-2496		**Liquid Tight Non-Metallic 90 Degree Angle Connector** *(26 05 33 13-2479)*		
26 05 33 13-2497	EA	3/8" Liquid Tight Non-Metallic 90 Degree Angle Connector	17.42	4.86
		For Work In Restricted Working Space, Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.65*	
26 05 33 13-2498	EA	1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector	17.42	4.86
		For Work In Restricted Working Space, Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.65*	
26 05 33 13-2499	EA	3/4" Liquid Tight Non-Metallic 90 Degree Angle Connector	21.36	5.30
		For Work In Restricted Working Space, Add	*3.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.98*	
26 05 33 13-2500	EA	1" Liquid Tight Non-Metallic 90 Degree Angle Connector	30.09	6.19
		For Work In Restricted Working Space, Add	*4.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.64*	
26 05 33 13-2501	EA	1-1/4" Liquid Tight Non-Metallic 90 Degree Angle Connector	31.11	6.63
		For Work In Restricted Working Space, Add	*4.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-2502	EA	1-1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector	48.88	7.07
		For Work In Restricted Working Space, Add	*5.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.30*	
26 05 33 13-2503	EA	2" Liquid Tight Non-Metallic 90 Degree Angle Connector	65.53	7.96
		For Work In Restricted Working Space, Add	*5.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.97*	
26 05 33 13-2504		**Liquid Tight Non-Metallic 45 Degree Angle Connector** *(26 05 33 13-2479)*		
26 05 33 13-2505	EA	3/8" Liquid Tight Non-Metallic 45 Degree Angle Connector	17.42	4.86
		For Work In Restricted Working Space, Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.65*	
26 05 33 13-2506	EA	1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector	17.42	4.86
		For Work In Restricted Working Space, Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.65*	
26 05 33 13-2507	EA	3/4" Liquid Tight Non-Metallic 45 Degree Angle Connector	21.36	5.30
		For Work In Restricted Working Space, Add	*3.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.98*	
26 05 33 13-2508	EA	1" Liquid Tight Non-Metallic 45 Degree Angle Connector	30.09	6.19
		For Work In Restricted Working Space, Add	*4.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.64*	
26 05 33 13-2509	EA	1-1/4" Liquid Tight Non-Metallic 45 Degree Angle Connector	31.11	6.63
		For Work In Restricted Working Space, Add	*4.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.97*	
26 05 33 13-2510	EA	1-1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector	48.88	7.07
		For Work In Restricted Working Space, Add	*5.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.30*	
26 05 33 13-2511	EA	2" Liquid Tight Non-Metallic 45 Degree Angle Connector	65.53	7.96
		For Work In Restricted Working Space, Add	*5.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.97*	
26 05 33 13-2512		**Blue ENT Electrical Non-Metallic Tubing** *(26 05 33 13-2331)*		
		Note: Carlon - FLEX-PLUS.		
26 05 33 13-2513		**Blue ENT Electrical Non-Metallic Tubing** *(26 05 33 13-2512)*		
26 05 33 13-2514	LF	1/2" Blue ENT Electrical Non-Metallic Tubing	4.93	1.45
		For Work In Restricted Working Space, Add	*1.09*	
26 05 33 13-2515	LF	3/4" Blue ENT Electrical Non-Metallic Tubing	6.65	1.93
		For Work In Restricted Working Space, Add	*1.45*	
26 05 33 13-2516	LF	1" Blue ENT Electrical Non-Metallic Tubing	7.76	1.93
		For Work In Restricted Working Space, Add	*1.45*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2517		Terminal Adapter *(26 05 33 13-2512)*			
26 05 33 13-2518	EA	1/2" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing		11.80	3.87
		For Work In Restricted Working Space, Add		*2.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*2.90*	
26 05 33 13-2519	EA	3/4" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing		14.77	4.35
		For Work In Restricted Working Space, Add		*3.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*3.26*	
26 05 33 13-2520	EA	1" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing		17.11	4.84
		For Work In Restricted Working Space, Add		*3.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*3.63*	
26 05 33 13-2521		Coupling *(26 05 33 13-2512)*			
26 05 33 13-2522	EA	1/2" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing		11.52	3.87
		For Work In Restricted Working Space, Add		*2.90*	
26 05 33 13-2523	EA	3/4" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing		13.29	4.35
		For Work In Restricted Working Space, Add		*3.26*	
26 05 33 13-2524	EA	1" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing		15.72	4.84
		For Work In Restricted Working Space, Add		*3.63*	
26 05 33 13-2525		Conduit Accessories *(26 05 33 13-0057)*			
26 05 33 13-2526		All-Weather Corrosion Protection Tape For Pipe Or Conduit *(26 05 33 13-2525)*			
		Note: Priced by the linear feet of pipe or conduit the tape is installed on.			
26 05 33 13-2527	LF	Pipe Or Conduit Wrap For 1/2" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)		3.71	
26 05 33 13-2528	LF	Pipe Or Conduit Wrap For 3/4" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)		3.33	
26 05 33 13-2529	LF	Pipe Or Conduit Wrap For 1" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)		3.82	
26 05 33 13-2530	LF	Pipe Or Conduit Wrap For 1-1/4" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)		4.43	
26 05 33 13-2531	LF	Pipe Or Conduit Wrap For 1-1/2" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)		4.98	
26 05 33 13-2532	LF	Pipe Or Conduit Wrap For 2" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)		5.90	
26 05 33 13-2533	LF	Pipe Or Conduit Wrap For 2-1/2" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)		6.89	
26 05 33 13-2534	LF	Pipe Or Conduit Wrap For 3" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)		7.72	
26 05 33 13-2535	LF	Pipe Or Conduit Wrap For 4" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)		9.55	
26 05 33 13-2536	LF	Pipe Or Conduit Wrap For 5" Diameter Pipe, 10 Mil, All-Weather Corrosion Protection Tape (3M Scotchrap 50)		10.86	
26 05 33 13-2537		Metallic Conduit Bodies *(26 05 33 13-0057)*			
26 05 33 13-2538		Threaded, Cast Aluminum Conduit Body *(26 05 33 13-2537)*			
		Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), Intermediate Metal Conduit (IMC), or Aluminum Rigid Conduit (ARC)			
26 05 33 13-2539		Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2538)*			
26 05 33 13-2540	EA	1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover		62.60	21.21
		For Mogul LB, Add		*4.51*	
		For Work In Restricted Working Space, Add		*15.92*	
		For Elevated Installation >10' To 15', Add		*5.31*	
		For Elevated Installation >15' To 20', Add		*10.61*	
		For Elevated Installation >20' To 25', Add		*13.26*	
		For Elevated Installation >25' To 30', Add		*18.57*	
		For Elevated Installation >30' To 35', Add		*21.22*	
		For Elevated Installation >35' To 40', Add		*26.53*	
		For Elevated Installation >40', Add		*29.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*15.92*	
26 05 33 13-2541	EA	3/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover		73.74	24.31
		For Mogul LB, Add		*6.69*	
		For Work In Restricted Working Space, Add		*18.23*	
		For Elevated Installation >10' To 15', Add		*6.08*	
		For Elevated Installation >15' To 20', Add		*12.15*	
		For Elevated Installation >20' To 25', Add		*15.19*	
		For Elevated Installation >25' To 30', Add		*21.27*	
		For Elevated Installation >30' To 35', Add		*24.31*	
		For Elevated Installation >35' To 40', Add		*30.39*	
		For Elevated Installation >40', Add		*33.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*18.23*	
26 05 33 13-2542	EA	1" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover		89.18	28.29
		For Mogul LB, Add		*10.31*	
		For Work In Restricted Working Space, Add		*21.22*	
		For Elevated Installation >10' To 15', Add		*7.07*	
		For Elevated Installation >15' To 20', Add		*14.14*	
		For Elevated Installation >20' To 25', Add		*17.68*	
		For Elevated Installation >25' To 30', Add		*24.75*	
		For Elevated Installation >30' To 35', Add		*28.29*	
		For Elevated Installation >35' To 40', Add		*35.36*	
		For Elevated Installation >40', Add		*38.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*21.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2543	EA	1-1/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	108.23	32.27
		For Mogul LB, Add	*16.64*	
		For Work In Restricted Working Space, Add	*24.20*	
		For Elevated Installation >10' To 15', Add	*8.07*	
		For Elevated Installation >15' To 20', Add	*16.13*	
		For Elevated Installation >20' To 25', Add	*20.17*	
		For Elevated Installation >25' To 30', Add	*28.23*	
		For Elevated Installation >30' To 35', Add	*32.27*	
		For Elevated Installation >35' To 40', Add	*40.34*	
		For Elevated Installation >40', Add	*44.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.20*	
26 05 33 13-2544	EA	1-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	123.96	35.36
		For Mogul LB, Add	*22.25*	
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.52*	
26 05 33 13-2545	EA	2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	163.52	42.44
		For Mogul LB, Add	*37.78*	
		For Work In Restricted Working Space, Add	*31.82*	
		For Elevated Installation >10' To 15', Add	*10.61*	
		For Elevated Installation >15' To 20', Add	*21.22*	
		For Elevated Installation >20' To 25', Add	*26.52*	
		For Elevated Installation >25' To 30', Add	*37.13*	
		For Elevated Installation >30' To 35', Add	*42.43*	
		For Elevated Installation >35' To 40', Add	*53.04*	
		For Elevated Installation >40', Add	*58.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.82*	
26 05 33 13-2546	EA	2-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	276.30	59.67
		For Mogul LB, Add	*87.88*	
		For Work In Restricted Working Space, Add	*44.75*	
		For Elevated Installation >10' To 15', Add	*14.92*	
		For Elevated Installation >15' To 20', Add	*29.84*	
		For Elevated Installation >20' To 25', Add	*37.30*	
		For Elevated Installation >25' To 30', Add	*52.21*	
		For Elevated Installation >30' To 35', Add	*59.67*	
		For Elevated Installation >35' To 40', Add	*74.59*	
		For Elevated Installation >40', Add	*82.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.75*	
26 05 33 13-2547	EA	3" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	363.04	79.56
		For Mogul LB, Add	*113.15*	
		For Work In Restricted Working Space, Add	*59.67*	
		For Elevated Installation >10' To 15', Add	*19.89*	
		For Elevated Installation >15' To 20', Add	*39.78*	
		For Elevated Installation >20' To 25', Add	*49.73*	
		For Elevated Installation >25' To 30', Add	*69.62*	
		For Elevated Installation >30' To 35', Add	*79.56*	
		For Elevated Installation >35' To 40', Add	*99.46*	
		For Elevated Installation >40', Add	*109.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.67*	
26 05 33 13-2548	EA	3-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	483.37	99.45
		For Mogul LB, Add	*163.62*	
		For Work In Restricted Working Space, Add	*74.59*	
		For Elevated Installation >10' To 15', Add	*24.86*	
		For Elevated Installation >15' To 20', Add	*49.73*	
		For Elevated Installation >20' To 25', Add	*62.16*	
		For Elevated Installation >25' To 30', Add	*87.02*	
		For Elevated Installation >30' To 35', Add	*99.45*	
		For Elevated Installation >35' To 40', Add	*124.32*	
		For Elevated Installation >40', Add	*136.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.59*	
26 05 33 13-2549	EA	4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	628.97	121.11
		For Mogul LB, Add	*229.50*	
		For Work In Restricted Working Space, Add	*90.83*	
		For Elevated Installation >10' To 15', Add	*30.28*	
		For Elevated Installation >15' To 20', Add	*60.56*	
		For Elevated Installation >20' To 25', Add	*75.70*	
		For Elevated Installation >25' To 30', Add	*105.97*	
		For Elevated Installation >30' To 35', Add	*121.11*	
		For Elevated Installation >35' To 40', Add	*151.39*	
		For Elevated Installation >40', Add	*166.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.83*	

26 05 33 13-2550 Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2538)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2551	EA	1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	63.76	21.21
		For Mogul LB, Add	*5.38*	
		For Work In Restricted Working Space, Add	*15.92*	
		For Elevated Installation >10' To 15', Add	*5.31*	
		For Elevated Installation >15' To 20', Add	*10.61*	
		For Elevated Installation >20' To 25', Add	*13.26*	
		For Elevated Installation >25' To 30', Add	*18.57*	
		For Elevated Installation >30' To 35', Add	*21.22*	
		For Elevated Installation >35' To 40', Add	*26.53*	
		For Elevated Installation >40', Add	*29.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.92*	
26 05 33 13-2552	EA	3/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	74.87	24.31
		For Mogul LB, Add	*7.54*	
		For Work In Restricted Working Space, Add	*18.23*	
		For Elevated Installation >10' To 15', Add	*6.08*	
		For Elevated Installation >15' To 20', Add	*12.15*	
		For Elevated Installation >20' To 25', Add	*15.19*	
		For Elevated Installation >25' To 30', Add	*21.27*	
		For Elevated Installation >30' To 35', Add	*24.31*	
		For Elevated Installation >35' To 40', Add	*30.39*	
		For Elevated Installation >40', Add	*33.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.23*	
26 05 33 13-2553	EA	1" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	91.46	28.29
		For Mogul LB, Add	*12.02*	
		For Work In Restricted Working Space, Add	*21.22*	
		For Elevated Installation >10' To 15', Add	*7.07*	
		For Elevated Installation >15' To 20', Add	*14.14*	
		For Elevated Installation >20' To 25', Add	*17.68*	
		For Elevated Installation >25' To 30', Add	*24.75*	
		For Elevated Installation >30' To 35', Add	*28.29*	
		For Elevated Installation >35' To 40', Add	*35.36*	
		For Elevated Installation >40', Add	*38.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.22*	
26 05 33 13-2554	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	111.01	32.27
		For Mogul LB, Add	*18.72*	
		For Work In Restricted Working Space, Add	*24.20*	
		For Elevated Installation >10' To 15', Add	*8.07*	
		For Elevated Installation >15' To 20', Add	*16.13*	
		For Elevated Installation >20' To 25', Add	*20.17*	
		For Elevated Installation >25' To 30', Add	*28.23*	
		For Elevated Installation >30' To 35', Add	*32.27*	
		For Elevated Installation >35' To 40', Add	*40.34*	
		For Elevated Installation >40', Add	*44.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.20*	
26 05 33 13-2555	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	128.69	35.36
		For Mogul LB, Add	*25.80*	
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.52*	
26 05 33 13-2556	EA	2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	173.67	42.44
		For Mogul LB, Add	*45.39*	
		For Work In Restricted Working Space, Add	*31.82*	
		For Elevated Installation >10' To 15', Add	*10.61*	
		For Elevated Installation >15' To 20', Add	*21.22*	
		For Elevated Installation >20' To 25', Add	*26.52*	
		For Elevated Installation >25' To 30', Add	*37.13*	
		For Elevated Installation >30' To 35', Add	*42.43*	
		For Elevated Installation >35' To 40', Add	*53.04*	
		For Elevated Installation >40', Add	*58.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.82*	
26 05 33 13-2557	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	271.18	59.67
		For Mogul LB, Add	*84.04*	
		For Work In Restricted Working Space, Add	*44.75*	
		For Elevated Installation >10' To 15', Add	*14.92*	
		For Elevated Installation >15' To 20', Add	*29.84*	
		For Elevated Installation >20' To 25', Add	*37.30*	
		For Elevated Installation >25' To 30', Add	*52.21*	
		For Elevated Installation >30' To 35', Add	*59.67*	
		For Elevated Installation >35' To 40', Add	*74.59*	
		For Elevated Installation >40', Add	*82.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.75*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2558		EA	3" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	345.82	79.56
			For Mogul LB, Add	*100.24*	
			For Work In Restricted Working Space, Add	*59.67*	
			For Elevated Installation >10' To 15', Add	*19.89*	
			For Elevated Installation >15' To 20', Add	*39.78*	
			For Elevated Installation >20' To 25', Add	*49.73*	
			For Elevated Installation >25' To 30', Add	*69.62*	
			For Elevated Installation >30' To 35', Add	*79.56*	
			For Elevated Installation >35' To 40', Add	*99.46*	
			For Elevated Installation >40', Add	*109.40*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.67*	
26 05 33 13-2559		EA	3-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	498.06	99.45
			For Mogul LB, Add	*174.64*	
			For Work In Restricted Working Space, Add	*74.59*	
			For Elevated Installation >10' To 15', Add	*24.86*	
			For Elevated Installation >15' To 20', Add	*49.73*	
			For Elevated Installation >20' To 25', Add	*62.16*	
			For Elevated Installation >25' To 30', Add	*87.02*	
			For Elevated Installation >30' To 35', Add	*99.45*	
			For Elevated Installation >35' To 40', Add	*124.32*	
			For Elevated Installation >40', Add	*136.75*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.59*	
26 05 33 13-2560		EA	4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	658.99	121.11
			For Mogul LB, Add	*252.02*	
			For Work In Restricted Working Space, Add	*90.83*	
			For Elevated Installation >10' To 15', Add	*30.28*	
			For Elevated Installation >15' To 20', Add	*60.56*	
			For Elevated Installation >20' To 25', Add	*75.70*	
			For Elevated Installation >25' To 30', Add	*105.97*	
			For Elevated Installation >30' To 35', Add	*121.11*	
			For Elevated Installation >35' To 40', Add	*151.39*	
			For Elevated Installation >40', Add	*166.53*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.83*	
26 05 33 13-2561			Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2538)*		
26 05 33 13-2562		EA	1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	73.43	24.31
			For Work In Restricted Working Space, Add	*18.23*	
			For Elevated Installation >10' To 15', Add	*6.08*	
			For Elevated Installation >15' To 20', Add	*12.15*	
			For Elevated Installation >20' To 25', Add	*15.19*	
			For Elevated Installation >25' To 30', Add	*21.27*	
			For Elevated Installation >30' To 35', Add	*24.31*	
			For Elevated Installation >35' To 40', Add	*30.39*	
			For Elevated Installation >40', Add	*33.42*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.23*	
26 05 33 13-2563		EA	3/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	87.02	28.29
			For Work In Restricted Working Space, Add	*21.22*	
			For Elevated Installation >10' To 15', Add	*7.07*	
			For Elevated Installation >15' To 20', Add	*14.14*	
			For Elevated Installation >20' To 25', Add	*17.68*	
			For Elevated Installation >25' To 30', Add	*24.75*	
			For Elevated Installation >30' To 35', Add	*28.29*	
			For Elevated Installation >35' To 40', Add	*35.36*	
			For Elevated Installation >40', Add	*38.90*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.22*	
26 05 33 13-2564		EA	1" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	100.43	30.94
			For Work In Restricted Working Space, Add	*23.21*	
			For Elevated Installation >10' To 15', Add	*7.74*	
			For Elevated Installation >15' To 20', Add	*15.47*	
			For Elevated Installation >20' To 25', Add	*19.34*	
			For Elevated Installation >25' To 30', Add	*27.08*	
			For Elevated Installation >30' To 35', Add	*30.94*	
			For Elevated Installation >35' To 40', Add	*38.68*	
			For Elevated Installation >40', Add	*42.55*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.21*	
26 05 33 13-2565		EA	1-1/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	123.37	35.36
			For Work In Restricted Working Space, Add	*26.52*	
			For Elevated Installation >10' To 15', Add	*8.84*	
			For Elevated Installation >15' To 20', Add	*17.68*	
			For Elevated Installation >20' To 25', Add	*22.10*	
			For Elevated Installation >25' To 30', Add	*30.94*	
			For Elevated Installation >30' To 35', Add	*35.36*	
			For Elevated Installation >35' To 40', Add	*44.20*	
			For Elevated Installation >40', Add	*48.62*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.52*	
26 05 33 13-2566		EA	1-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	142.69	38.90
			For Work In Restricted Working Space, Add	*29.18*	
			For Elevated Installation >10' To 15', Add	*9.73*	
			For Elevated Installation >15' To 20', Add	*19.45*	
			For Elevated Installation >20' To 25', Add	*24.31*	
			For Elevated Installation >25' To 30', Add	*34.04*	
			For Elevated Installation >30' To 35', Add	*38.90*	
			For Elevated Installation >35' To 40', Add	*48.63*	
			For Elevated Installation >40', Add	*53.49*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2567	EA	2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	191.54	45.53
		For Work In Restricted Working Space, Add	*34.15*	
		For Elevated Installation >10' To 15', Add	*11.38*	
		For Elevated Installation >15' To 20', Add	*22.76*	
		For Elevated Installation >20' To 25', Add	*28.46*	
		For Elevated Installation >25' To 30', Add	*39.84*	
		For Elevated Installation >30' To 35', Add	*45.53*	
		For Elevated Installation >35' To 40', Add	*56.91*	
		For Elevated Installation >40', Add	*62.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.15*	
26 05 33 13-2568	EA	2-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	303.08	66.30
		For Work In Restricted Working Space, Add	*49.73*	
		For Elevated Installation >10' To 15', Add	*16.58*	
		For Elevated Installation >15' To 20', Add	*33.15*	
		For Elevated Installation >20' To 25', Add	*41.44*	
		For Elevated Installation >25' To 30', Add	*58.01*	
		For Elevated Installation >30' To 35', Add	*66.30*	
		For Elevated Installation >35' To 40', Add	*82.88*	
		For Elevated Installation >40', Add	*91.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.73*	
26 05 33 13-2569	EA	3" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	391.53	86.19
		For Work In Restricted Working Space, Add	*64.64*	
		For Elevated Installation >10' To 15', Add	*21.55*	
		For Elevated Installation >15' To 20', Add	*43.10*	
		For Elevated Installation >20' To 25', Add	*53.87*	
		For Elevated Installation >25' To 30', Add	*75.42*	
		For Elevated Installation >30' To 35', Add	*86.19*	
		For Elevated Installation >35' To 40', Add	*107.74*	
		For Elevated Installation >40', Add	*118.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.64*	
26 05 33 13-2570	EA	3-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	630.85	106.08
		For Work In Restricted Working Space, Add	*79.56*	
		For Elevated Installation >10' To 15', Add	*26.52*	
		For Elevated Installation >15' To 20', Add	*53.04*	
		For Elevated Installation >20' To 25', Add	*66.30*	
		For Elevated Installation >25' To 30', Add	*92.82*	
		For Elevated Installation >30' To 35', Add	*106.08*	
		For Elevated Installation >35' To 40', Add	*132.61*	
		For Elevated Installation >40', Add	*145.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.56*	
26 05 33 13-2571	EA	4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	721.94	127.75
		For Work In Restricted Working Space, Add	*95.81*	
		For Elevated Installation >10' To 15', Add	*31.94*	
		For Elevated Installation >15' To 20', Add	*63.87*	
		For Elevated Installation >20' To 25', Add	*79.84*	
		For Elevated Installation >25' To 30', Add	*111.77*	
		For Elevated Installation >30' To 35', Add	*127.74*	
		For Elevated Installation >35' To 40', Add	*159.68*	
		For Elevated Installation >40', Add	*175.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.81*	

26 05 33 13-2572 Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2538)*

26 05 33 13-2573	EA	1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	64.00	21.21
		For Work In Restricted Working Space, Add	*15.92*	
		For Elevated Installation >10' To 15', Add	*5.31*	
		For Elevated Installation >15' To 20', Add	*10.61*	
		For Elevated Installation >20' To 25', Add	*13.26*	
		For Elevated Installation >25' To 30', Add	*18.57*	
		For Elevated Installation >30' To 35', Add	*21.22*	
		For Elevated Installation >35' To 40', Add	*26.53*	
		For Elevated Installation >40', Add	*29.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.92*	
26 05 33 13-2574	EA	3/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	74.07	24.31
		For Work In Restricted Working Space, Add	*18.23*	
		For Elevated Installation >10' To 15', Add	*6.08*	
		For Elevated Installation >15' To 20', Add	*12.15*	
		For Elevated Installation >20' To 25', Add	*15.19*	
		For Elevated Installation >25' To 30', Add	*21.27*	
		For Elevated Installation >30' To 35', Add	*24.31*	
		For Elevated Installation >35' To 40', Add	*30.39*	
		For Elevated Installation >40', Add	*33.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.23*	
26 05 33 13-2575	EA	1" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	89.43	27.85
		For Work In Restricted Working Space, Add	*20.89*	
		For Elevated Installation >10' To 15', Add	*6.96*	
		For Elevated Installation >15' To 20', Add	*13.92*	
		For Elevated Installation >20' To 25', Add	*17.41*	
		For Elevated Installation >25' To 30', Add	*24.37*	
		For Elevated Installation >30' To 35', Add	*27.85*	
		For Elevated Installation >35' To 40', Add	*34.81*	
		For Elevated Installation >40', Add	*38.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.89*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2576		EA	1-1/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	109.91	32.27
			For Work In Restricted Working Space, Add	*24.20*	
			For Elevated Installation >10' To 15', Add	*8.07*	
			For Elevated Installation >15' To 20', Add	*16.13*	
			For Elevated Installation >20' To 25', Add	*20.17*	
			For Elevated Installation >25' To 30', Add	*28.23*	
			For Elevated Installation >30' To 35', Add	*32.27*	
			For Elevated Installation >35' To 40', Add	*40.34*	
			For Elevated Installation >40', Add	*44.37*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.20*	
26 05 33 13-2577		EA	1-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	123.19	35.36
			For Work In Restricted Working Space, Add	*26.52*	
			For Elevated Installation >10' To 15', Add	*8.84*	
			For Elevated Installation >15' To 20', Add	*17.68*	
			For Elevated Installation >20' To 25', Add	*22.10*	
			For Elevated Installation >25' To 30', Add	*30.94*	
			For Elevated Installation >30' To 35', Add	*35.36*	
			For Elevated Installation >35' To 40', Add	*44.20*	
			For Elevated Installation >40', Add	*48.62*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.52*	
26 05 33 13-2578		EA	2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	163.60	42.44
			For Work In Restricted Working Space, Add	*31.82*	
			For Elevated Installation >10' To 15', Add	*10.61*	
			For Elevated Installation >15' To 20', Add	*21.22*	
			For Elevated Installation >20' To 25', Add	*26.52*	
			For Elevated Installation >25' To 30', Add	*37.13*	
			For Elevated Installation >30' To 35', Add	*42.43*	
			For Elevated Installation >35' To 40', Add	*53.04*	
			For Elevated Installation >40', Add	*58.34*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.82*	
26 05 33 13-2579		EA	2-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	266.86	59.67
			For Work In Restricted Working Space, Add	*44.75*	
			For Elevated Installation >10' To 15', Add	*14.92*	
			For Elevated Installation >15' To 20', Add	*29.84*	
			For Elevated Installation >20' To 25', Add	*37.30*	
			For Elevated Installation >25' To 30', Add	*52.21*	
			For Elevated Installation >30' To 35', Add	*59.67*	
			For Elevated Installation >35' To 40', Add	*74.59*	
			For Elevated Installation >40', Add	*82.05*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.75*	
26 05 33 13-2580		EA	3" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	343.06	79.56
			For Work In Restricted Working Space, Add	*59.67*	
			For Elevated Installation >10' To 15', Add	*19.89*	
			For Elevated Installation >15' To 20', Add	*39.78*	
			For Elevated Installation >20' To 25', Add	*49.73*	
			For Elevated Installation >25' To 30', Add	*69.62*	
			For Elevated Installation >30' To 35', Add	*79.56*	
			For Elevated Installation >35' To 40', Add	*99.46*	
			For Elevated Installation >40', Add	*109.40*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.67*	
26 05 33 13-2581		EA	3-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	489.23	99.45
			For Work In Restricted Working Space, Add	*74.59*	
			For Elevated Installation >10' To 15', Add	*24.86*	
			For Elevated Installation >15' To 20', Add	*49.73*	
			For Elevated Installation >20' To 25', Add	*62.16*	
			For Elevated Installation >25' To 30', Add	*87.02*	
			For Elevated Installation >30' To 35', Add	*99.45*	
			For Elevated Installation >35' To 40', Add	*124.32*	
			For Elevated Installation >40', Add	*136.75*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.59*	
26 05 33 13-2582		EA	4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	631.73	121.11
			For Work In Restricted Working Space, Add	*90.83*	
			For Elevated Installation >10' To 15', Add	*30.28*	
			For Elevated Installation >15' To 20', Add	*60.56*	
			For Elevated Installation >20' To 25', Add	*75.70*	
			For Elevated Installation >25' To 30', Add	*105.97*	
			For Elevated Installation >30' To 35', Add	*121.11*	
			For Elevated Installation >35' To 40', Add	*151.39*	
			For Elevated Installation >40', Add	*166.53*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.83*	
26 05 33 13-2583			Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2538)*		
26 05 33 13-2584		EA	1/2"Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	85.16	27.85
			For Work In Restricted Working Space, Add	*20.89*	
			For Elevated Installation >10' To 15', Add	*6.96*	
			For Elevated Installation >15' To 20', Add	*13.92*	
			For Elevated Installation >20' To 25', Add	*17.41*	
			For Elevated Installation >25' To 30', Add	*24.37*	
			For Elevated Installation >30' To 35', Add	*27.85*	
			For Elevated Installation >35' To 40', Add	*34.81*	
			For Elevated Installation >40', Add	*38.29*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2585	EA	3/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	98.38	30.94
		For Work In Restricted Working Space, Add	*23.21*	
		For Elevated Installation >10' To 15', Add	*7.74*	
		For Elevated Installation >15' To 20', Add	*15.47*	
		For Elevated Installation >20' To 25', Add	*19.34*	
		For Elevated Installation >25' To 30', Add	*27.08*	
		For Elevated Installation >30' To 35', Add	*30.94*	
		For Elevated Installation >35' To 40', Add	*38.68*	
		For Elevated Installation >40', Add	*42.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.21*	
26 05 33 13-2586	EA	1" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	120.65	34.04
		For Work In Restricted Working Space, Add	*25.53*	
		For Elevated Installation >10' To 15', Add	*8.51*	
		For Elevated Installation >15' To 20', Add	*17.02*	
		For Elevated Installation >20' To 25', Add	*21.27*	
		For Elevated Installation >25' To 30', Add	*29.78*	
		For Elevated Installation >30' To 35', Add	*34.04*	
		For Elevated Installation >35' To 40', Add	*42.55*	
		For Elevated Installation >40', Add	*46.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.53*	
26 05 33 13-2587	EA	1-1/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	139.12	38.90
		For Work In Restricted Working Space, Add	*29.18*	
		For Elevated Installation >10' To 15', Add	*9.73*	
		For Elevated Installation >15' To 20', Add	*19.45*	
		For Elevated Installation >20' To 25', Add	*24.31*	
		For Elevated Installation >25' To 30', Add	*34.04*	
		For Elevated Installation >30' To 35', Add	*38.90*	
		For Elevated Installation >35' To 40', Add	*48.63*	
		For Elevated Installation >40', Add	*53.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.18*	
26 05 33 13-2588	EA	1-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	179.42	42.44
		For Work In Restricted Working Space, Add	*31.82*	
		For Elevated Installation >10' To 15', Add	*10.61*	
		For Elevated Installation >15' To 20', Add	*21.22*	
		For Elevated Installation >20' To 25', Add	*26.52*	
		For Elevated Installation >25' To 30', Add	*37.13*	
		For Elevated Installation >30' To 35', Add	*42.43*	
		For Elevated Installation >35' To 40', Add	*53.04*	
		For Elevated Installation >40', Add	*58.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.82*	
26 05 33 13-2589	EA	2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	216.87	52.16
		For Work In Restricted Working Space, Add	*39.12*	
		For Elevated Installation >10' To 15', Add	*13.04*	
		For Elevated Installation >15' To 20', Add	*26.08*	
		For Elevated Installation >20' To 25', Add	*32.60*	
		For Elevated Installation >25' To 30', Add	*45.64*	
		For Elevated Installation >30' To 35', Add	*52.16*	
		For Elevated Installation >35' To 40', Add	*65.20*	
		For Elevated Installation >40', Add	*71.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.12*	
26 05 33 13-2590	EA	2-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	405.75	76.46
		For Work In Restricted Working Space, Add	*57.35*	
		For Elevated Installation >10' To 15', Add	*19.12*	
		For Elevated Installation >15' To 20', Add	*38.24*	
		For Elevated Installation >20' To 25', Add	*47.80*	
		For Elevated Installation >25' To 30', Add	*66.91*	
		For Elevated Installation >30' To 35', Add	*76.47*	
		For Elevated Installation >35' To 40', Add	*95.59*	
		For Elevated Installation >40', Add	*105.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.35*	
26 05 33 13-2591	EA	3" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	499.99	99.45
		For Work In Restricted Working Space, Add	*74.59*	
		For Elevated Installation >10' To 15', Add	*24.86*	
		For Elevated Installation >15' To 20', Add	*49.73*	
		For Elevated Installation >20' To 25', Add	*62.16*	
		For Elevated Installation >25' To 30', Add	*87.02*	
		For Elevated Installation >30' To 35', Add	*99.45*	
		For Elevated Installation >35' To 40', Add	*124.32*	
		For Elevated Installation >40', Add	*136.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.59*	
26 05 33 13-2592	EA	3-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	714.81	122.88
		For Work In Restricted Working Space, Add	*92.82*	
		For Elevated Installation >10' To 15', Add	*30.94*	
		For Elevated Installation >15' To 20', Add	*61.88*	
		For Elevated Installation >20' To 25', Add	*77.35*	
		For Elevated Installation >25' To 30', Add	*108.29*	
		For Elevated Installation >30' To 35', Add	*123.76*	
		For Elevated Installation >35' To 40', Add	*154.71*	
		For Elevated Installation >40', Add	*170.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.82*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2593	EA	4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	863.64	147.64
		For Work In Restricted Working Space, Add	*110.72*	
		For Elevated Installation >10' To 15', Add	*36.91*	
		For Elevated Installation >15' To 20', Add	*73.82*	
		For Elevated Installation >20' To 25', Add	*92.27*	
		For Elevated Installation >25' To 30', Add	*129.18*	
		For Elevated Installation >30' To 35', Add	*147.63*	
		For Elevated Installation >35' To 40', Add	*184.54*	
		For Elevated Installation >40', Add	*202.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.72*	
26 05 33 13-2594		Threaded, Malleable Iron Conduit Body *(26 05 33 13-2537)*		
		Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), or Intermediate Metal Conduit (IMC)		
26 05 33 13-2595		Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2594)*		
26 05 33 13-2596	EA	1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	65.85	21.21
		For Work In Restricted Working Space, Add	*15.92*	
		For Elevated Installation >10' To 15', Add	*5.31*	
		For Elevated Installation >15' To 20', Add	*10.61*	
		For Elevated Installation >20' To 25', Add	*13.26*	
		For Elevated Installation >25' To 30', Add	*18.57*	
		For Elevated Installation >30' To 35', Add	*21.22*	
		For Elevated Installation >35' To 40', Add	*26.53*	
		For Elevated Installation >40', Add	*29.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.92*	
26 05 33 13-2597	EA	3/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	76.46	24.31
		For Work In Restricted Working Space, Add	*18.23*	
		For Elevated Installation >10' To 15', Add	*6.08*	
		For Elevated Installation >15' To 20', Add	*12.15*	
		For Elevated Installation >20' To 25', Add	*15.19*	
		For Elevated Installation >25' To 30', Add	*21.27*	
		For Elevated Installation >30' To 35', Add	*24.31*	
		For Elevated Installation >35' To 40', Add	*30.39*	
		For Elevated Installation >40', Add	*33.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.23*	
26 05 33 13-2598	EA	1" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	94.10	28.29
		For Work In Restricted Working Space, Add	*21.22*	
		For Elevated Installation >10' To 15', Add	*7.07*	
		For Elevated Installation >15' To 20', Add	*14.14*	
		For Elevated Installation >20' To 25', Add	*17.68*	
		For Elevated Installation >25' To 30', Add	*24.75*	
		For Elevated Installation >30' To 35', Add	*28.29*	
		For Elevated Installation >35' To 40', Add	*35.36*	
		For Elevated Installation >40', Add	*38.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.22*	
26 05 33 13-2599	EA	1-1/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	122.62	32.27
		For Work In Restricted Working Space, Add	*24.20*	
		For Elevated Installation >10' To 15', Add	*8.07*	
		For Elevated Installation >15' To 20', Add	*16.13*	
		For Elevated Installation >20' To 25', Add	*20.17*	
		For Elevated Installation >25' To 30', Add	*28.23*	
		For Elevated Installation >30' To 35', Add	*32.27*	
		For Elevated Installation >35' To 40', Add	*40.34*	
		For Elevated Installation >40', Add	*44.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.20*	
26 05 33 13-2600	EA	1-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	139.86	35.36
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.52*	
26 05 33 13-2601	EA	2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	192.21	42.44
		For Work In Restricted Working Space, Add	*31.83*	
		For Elevated Installation >10' To 15', Add	*10.61*	
		For Elevated Installation >15' To 20', Add	*21.22*	
		For Elevated Installation >20' To 25', Add	*26.52*	
		For Elevated Installation >25' To 30', Add	*37.13*	
		For Elevated Installation >30' To 35', Add	*42.44*	
		For Elevated Installation >35' To 40', Add	*53.05*	
		For Elevated Installation >40', Add	*58.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.83*	
26 05 33 13-2602	EA	2-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	325.47	59.67
		For Work In Restricted Working Space, Add	*44.76*	
		For Elevated Installation >10' To 15', Add	*14.92*	
		For Elevated Installation >15' To 20', Add	*29.84*	
		For Elevated Installation >20' To 25', Add	*37.30*	
		For Elevated Installation >25' To 30', Add	*52.22*	
		For Elevated Installation >30' To 35', Add	*59.68*	
		For Elevated Installation >35' To 40', Add	*74.60*	
		For Elevated Installation >40', Add	*82.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2603	EA	3" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	461.89	79.56
		For Work In Restricted Working Space, Add	*59.68*	
		For Elevated Installation >10' To 15', Add	*19.89*	
		For Elevated Installation >15' To 20', Add	*39.78*	
		For Elevated Installation >20' To 25', Add	*49.73*	
		For Elevated Installation >25' To 30', Add	*69.62*	
		For Elevated Installation >30' To 35', Add	*79.57*	
		For Elevated Installation >35' To 40', Add	*99.46*	
		For Elevated Installation >40', Add	*109.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.68*	
26 05 33 13-2604	EA	3-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	637.95	99.45
		For Work In Restricted Working Space, Add	*74.59*	
		For Elevated Installation >10' To 15', Add	*24.86*	
		For Elevated Installation >15' To 20', Add	*49.73*	
		For Elevated Installation >20' To 25', Add	*62.16*	
		For Elevated Installation >25' To 30', Add	*87.02*	
		For Elevated Installation >30' To 35', Add	*99.45*	
		For Elevated Installation >35' To 40', Add	*124.32*	
		For Elevated Installation >40', Add	*136.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.59*	
26 05 33 13-2605	EA	4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	763.16	121.11
		For Work In Restricted Working Space, Add	*90.84*	
		For Elevated Installation >10' To 15', Add	*30.28*	
		For Elevated Installation >15' To 20', Add	*60.56*	
		For Elevated Installation >20' To 25', Add	*75.70*	
		For Elevated Installation >25' To 30', Add	*105.98*	
		For Elevated Installation >30' To 35', Add	*121.12*	
		For Elevated Installation >35' To 40', Add	*151.40*	
		For Elevated Installation >40', Add	*166.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.84*	

26 05 33 13-2606 Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2594)*

26 05 33 13-2607	EA	1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	68.81	21.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.92*	
26 05 33 13-2608	EA	3/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	77.33	24.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.23*	
26 05 33 13-2609	EA	1" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	98.63	28.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.22*	
26 05 33 13-2610	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	125.65	32.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.20*	
26 05 33 13-2611	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	143.57	35.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.52*	
26 05 33 13-2612	EA	2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	184.60	42.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.83*	
26 05 33 13-2613	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	283.20	59.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.76*	
26 05 33 13-2614	EA	3" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	385.89	79.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.68*	
26 05 33 13-2615	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	682.71	99.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.59*	
26 05 33 13-2616	EA	4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	796.18	121.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.84*	

26 05 33 13-2617 Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2594)*

26 05 33 13-2618	EA	1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	81.90	24.31
		For Work In Restricted Working Space, Add	*18.23*	
		For Elevated Installation >10' To 15', Add	*6.08*	
		For Elevated Installation >15' To 20', Add	*12.15*	
		For Elevated Installation >20' To 25', Add	*15.19*	
		For Elevated Installation >25' To 30', Add	*21.27*	
		For Elevated Installation >30' To 35', Add	*24.31*	
		For Elevated Installation >35' To 40', Add	*30.39*	
		For Elevated Installation >40', Add	*33.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.23*	
26 05 33 13-2619	EA	3/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	96.53	28.29
		For Work In Restricted Working Space, Add	*21.55*	
		For Elevated Installation >10' To 15', Add	*7.18*	
		For Elevated Installation >15' To 20', Add	*14.36*	
		For Elevated Installation >20' To 25', Add	*17.96*	
		For Elevated Installation >25' To 30', Add	*25.14*	
		For Elevated Installation >30' To 35', Add	*28.73*	
		For Elevated Installation >35' To 40', Add	*35.91*	
		For Elevated Installation >40', Add	*39.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.55*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2620		EA	1" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	114.73	30.94
			For Work In Restricted Working Space, Add	*23.21*	
			For Elevated Installation >10' To 15', Add	*7.74*	
			For Elevated Installation >15' To 20', Add	*15.47*	
			For Elevated Installation >20' To 25', Add	*19.34*	
			For Elevated Installation >25' To 30', Add	*27.08*	
			For Elevated Installation >30' To 35', Add	*30.94*	
			For Elevated Installation >35' To 40', Add	*38.68*	
			For Elevated Installation >40', Add	*42.55*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.21*	
26 05 33 13-2621		EA	1-1/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	145.21	35.36
			For Work In Restricted Working Space, Add	*26.19*	
			For Elevated Installation >10' To 15', Add	*8.73*	
			For Elevated Installation >15' To 20', Add	*17.46*	
			For Elevated Installation >20' To 25', Add	*21.83*	
			For Elevated Installation >25' To 30', Add	*30.56*	
			For Elevated Installation >30' To 35', Add	*34.92*	
			For Elevated Installation >35' To 40', Add	*43.65*	
			For Elevated Installation >40', Add	*48.02*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.19*	
26 05 33 13-2622		EA	1-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	166.84	38.90
			For Work In Restricted Working Space, Add	*29.18*	
			For Elevated Installation >10' To 15', Add	*9.73*	
			For Elevated Installation >15' To 20', Add	*19.45*	
			For Elevated Installation >20' To 25', Add	*24.31*	
			For Elevated Installation >25' To 30', Add	*34.04*	
			For Elevated Installation >30' To 35', Add	*38.90*	
			For Elevated Installation >35' To 40', Add	*48.63*	
			For Elevated Installation >40', Add	*53.49*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.18*	
26 05 33 13-2623		EA	2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	222.84	45.53
			For Work In Restricted Working Space, Add	*34.15*	
			For Elevated Installation >10' To 15', Add	*11.38*	
			For Elevated Installation >15' To 20', Add	*22.76*	
			For Elevated Installation >20' To 25', Add	*28.46*	
			For Elevated Installation >25' To 30', Add	*39.84*	
			For Elevated Installation >30' To 35', Add	*45.53*	
			For Elevated Installation >35' To 40', Add	*56.91*	
			For Elevated Installation >40', Add	*62.60*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.15*	
26 05 33 13-2624		EA	2-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	280.13	66.30
			For Work In Restricted Working Space, Add	*49.73*	
			For Elevated Installation >10' To 15', Add	*16.58*	
			For Elevated Installation >15' To 20', Add	*33.15*	
			For Elevated Installation >20' To 25', Add	*41.44*	
			For Elevated Installation >25' To 30', Add	*58.01*	
			For Elevated Installation >30' To 35', Add	*66.30*	
			For Elevated Installation >35' To 40', Add	*82.88*	
			For Elevated Installation >40', Add	*91.16*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.73*	
26 05 33 13-2625		EA	3" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	405.54	86.19
			For Work In Restricted Working Space, Add	*64.64*	
			For Elevated Installation >10' To 15', Add	*21.55*	
			For Elevated Installation >15' To 20', Add	*43.10*	
			For Elevated Installation >20' To 25', Add	*53.87*	
			For Elevated Installation >25' To 30', Add	*75.42*	
			For Elevated Installation >30' To 35', Add	*86.19*	
			For Elevated Installation >35' To 40', Add	*107.74*	
			For Elevated Installation >40', Add	*118.51*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.64*	
26 05 33 13-2626		EA	3-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	719.96	106.08
			For Work In Restricted Working Space, Add	*79.56*	
			For Elevated Installation >10' To 15', Add	*26.52*	
			For Elevated Installation >15' To 20', Add	*53.04*	
			For Elevated Installation >20' To 25', Add	*66.30*	
			For Elevated Installation >25' To 30', Add	*92.82*	
			For Elevated Installation >30' To 35', Add	*106.08*	
			For Elevated Installation >35' To 40', Add	*132.61*	
			For Elevated Installation >40', Add	*145.87*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.56*	
26 05 33 13-2627		EA	4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	831.72	127.75
			For Work In Restricted Working Space, Add	*96.14*	
			For Elevated Installation >10' To 15', Add	*32.05*	
			For Elevated Installation >15' To 20', Add	*64.09*	
			For Elevated Installation >20' To 25', Add	*80.12*	
			For Elevated Installation >25' To 30', Add	*112.16*	
			For Elevated Installation >30' To 35', Add	*128.19*	
			For Elevated Installation >35' To 40', Add	*160.24*	
			For Elevated Installation >40', Add	*176.26*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.14*	

26 05 33 13-2628 Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2594)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2629	EA	1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	66.06	21.21
		For Work In Restricted Working Space, Add	*15.91*	
		For Elevated Installation >10' To 15', Add	*5.30*	
		For Elevated Installation >15' To 20', Add	*10.61*	
		For Elevated Installation >20' To 25', Add	*13.26*	
		For Elevated Installation >25' To 30', Add	*18.56*	
		For Elevated Installation >30' To 35', Add	*21.22*	
		For Elevated Installation >35' To 40', Add	*26.52*	
		For Elevated Installation >40', Add	*29.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.91*	
26 05 33 13-2630	EA	3/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	80.30	24.31
		For Work In Restricted Working Space, Add	*18.23*	
		For Elevated Installation >10' To 15', Add	*6.08*	
		For Elevated Installation >15' To 20', Add	*12.16*	
		For Elevated Installation >20' To 25', Add	*15.20*	
		For Elevated Installation >25' To 30', Add	*21.27*	
		For Elevated Installation >30' To 35', Add	*24.31*	
		For Elevated Installation >35' To 40', Add	*30.39*	
		For Elevated Installation >40', Add	*33.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.23*	
26 05 33 13-2631	EA	1" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	94.07	27.85
		For Work In Restricted Working Space, Add	*20.89*	
		For Elevated Installation >10' To 15', Add	*6.96*	
		For Elevated Installation >15' To 20', Add	*13.92*	
		For Elevated Installation >20' To 25', Add	*17.41*	
		For Elevated Installation >25' To 30', Add	*24.37*	
		For Elevated Installation >30' To 35', Add	*27.85*	
		For Elevated Installation >35' To 40', Add	*34.81*	
		For Elevated Installation >40', Add	*38.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.89*	
26 05 33 13-2632	EA	1-1/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	128.20	32.27
		For Work In Restricted Working Space, Add	*24.20*	
		For Elevated Installation >10' To 15', Add	*8.07*	
		For Elevated Installation >15' To 20', Add	*16.13*	
		For Elevated Installation >20' To 25', Add	*20.17*	
		For Elevated Installation >25' To 30', Add	*28.23*	
		For Elevated Installation >30' To 35', Add	*32.27*	
		For Elevated Installation >35' To 40', Add	*40.34*	
		For Elevated Installation >40', Add	*44.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.20*	
26 05 33 13-2633	EA	1-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	150.32	35.36
		For Work In Restricted Working Space, Add	*26.52*	
		For Elevated Installation >10' To 15', Add	*8.84*	
		For Elevated Installation >15' To 20', Add	*17.68*	
		For Elevated Installation >20' To 25', Add	*22.10*	
		For Elevated Installation >25' To 30', Add	*30.94*	
		For Elevated Installation >30' To 35', Add	*35.36*	
		For Elevated Installation >35' To 40', Add	*44.20*	
		For Elevated Installation >40', Add	*48.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.52*	
26 05 33 13-2634	EA	2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	195.20	42.44
		For Work In Restricted Working Space, Add	*31.83*	
		For Elevated Installation >10' To 15', Add	*10.61*	
		For Elevated Installation >15' To 20', Add	*21.22*	
		For Elevated Installation >20' To 25', Add	*26.52*	
		For Elevated Installation >25' To 30', Add	*37.13*	
		For Elevated Installation >30' To 35', Add	*42.44*	
		For Elevated Installation >35' To 40', Add	*53.05*	
		For Elevated Installation >40', Add	*58.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.83*	
26 05 33 13-2635	EA	2-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	432.89	111.94
		For Work In Restricted Working Space, Add	*83.92*	
		For Elevated Installation >10' To 15', Add	*27.97*	
		For Elevated Installation >15' To 20', Add	*55.95*	
		For Elevated Installation >20' To 25', Add	*69.93*	
		For Elevated Installation >25' To 30', Add	*97.91*	
		For Elevated Installation >30' To 35', Add	*111.89*	
		For Elevated Installation >35' To 40', Add	*139.87*	
		For Elevated Installation >40', Add	*153.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.92*	
26 05 33 13-2636	EA	3" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	417.81	79.56
		For Work In Restricted Working Space, Add	*59.68*	
		For Elevated Installation >10' To 15', Add	*19.89*	
		For Elevated Installation >15' To 20', Add	*39.78*	
		For Elevated Installation >20' To 25', Add	*49.73*	
		For Elevated Installation >25' To 30', Add	*69.62*	
		For Elevated Installation >30' To 35', Add	*79.57*	
		For Elevated Installation >35' To 40', Add	*99.46*	
		For Elevated Installation >40', Add	*109.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2637	EA	3-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	682.71	99.45
		For Work In Restricted Working Space, Add	*74.59*	
		For Elevated Installation >10' To 15', Add	*24.86*	
		For Elevated Installation >15' To 20', Add	*49.73*	
		For Elevated Installation >20' To 25', Add	*62.16*	
		For Elevated Installation >25' To 30', Add	*87.02*	
		For Elevated Installation >30' To 35', Add	*99.45*	
		For Elevated Installation >35' To 40', Add	*124.32*	
		For Elevated Installation >40', Add	*136.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.59*	
26 05 33 13-2638	EA	4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	796.16	121.11
		For Work In Restricted Working Space, Add	*90.83*	
		For Elevated Installation >10' To 15', Add	*30.28*	
		For Elevated Installation >15' To 20', Add	*60.55*	
		For Elevated Installation >20' To 25', Add	*75.69*	
		For Elevated Installation >25' To 30', Add	*105.97*	
		For Elevated Installation >30' To 35', Add	*121.11*	
		For Elevated Installation >35' To 40', Add	*151.39*	
		For Elevated Installation >40', Add	*166.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.83*	

26 05 33 13-2639 Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2594)*

26 05 33 13-2640	EA	1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	93.05	27.85
		For Work In Restricted Working Space, Add	*20.89*	
		For Elevated Installation >10' To 15', Add	*6.96*	
		For Elevated Installation >15' To 20', Add	*13.92*	
		For Elevated Installation >20' To 25', Add	*17.41*	
		For Elevated Installation >25' To 30', Add	*24.37*	
		For Elevated Installation >30' To 35', Add	*27.85*	
		For Elevated Installation >35' To 40', Add	*34.81*	
		For Elevated Installation >40', Add	*38.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.89*	
26 05 33 13-2641	EA	3/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	101.66	30.94
		For Work In Restricted Working Space, Add	*23.21*	
		For Elevated Installation >10' To 15', Add	*7.74*	
		For Elevated Installation >15' To 20', Add	*15.47*	
		For Elevated Installation >20' To 25', Add	*19.34*	
		For Elevated Installation >25' To 30', Add	*27.08*	
		For Elevated Installation >30' To 35', Add	*30.94*	
		For Elevated Installation >35' To 40', Add	*38.68*	
		For Elevated Installation >40', Add	*42.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.21*	
26 05 33 13-2642	EA	1" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	118.44	34.04
		For Work In Restricted Working Space, Add	*25.53*	
		For Elevated Installation >10' To 15', Add	*8.51*	
		For Elevated Installation >15' To 20', Add	*17.02*	
		For Elevated Installation >20' To 25', Add	*21.27*	
		For Elevated Installation >25' To 30', Add	*29.78*	
		For Elevated Installation >30' To 35', Add	*34.04*	
		For Elevated Installation >35' To 40', Add	*42.55*	
		For Elevated Installation >40', Add	*46.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.53*	
26 05 33 13-2643	EA	1-1/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	141.28	38.90
		For Work In Restricted Working Space, Add	*29.18*	
		For Elevated Installation >10' To 15', Add	*9.73*	
		For Elevated Installation >15' To 20', Add	*19.45*	
		For Elevated Installation >20' To 25', Add	*24.31*	
		For Elevated Installation >25' To 30', Add	*34.04*	
		For Elevated Installation >30' To 35', Add	*38.90*	
		For Elevated Installation >35' To 40', Add	*48.63*	
		For Elevated Installation >40', Add	*53.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.18*	
26 05 33 13-2644	EA	1-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	163.53	42.44
		For Work In Restricted Working Space, Add	*31.82*	
		For Elevated Installation >10' To 15', Add	*10.61*	
		For Elevated Installation >15' To 20', Add	*21.22*	
		For Elevated Installation >20' To 25', Add	*26.52*	
		For Elevated Installation >25' To 30', Add	*37.13*	
		For Elevated Installation >30' To 35', Add	*42.43*	
		For Elevated Installation >35' To 40', Add	*53.04*	
		For Elevated Installation >40', Add	*58.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.82*	
26 05 33 13-2645	EA	2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	230.40	52.16
		For Work In Restricted Working Space, Add	*39.12*	
		For Elevated Installation >10' To 15', Add	*13.04*	
		For Elevated Installation >15' To 20', Add	*26.08*	
		For Elevated Installation >20' To 25', Add	*32.60*	
		For Elevated Installation >25' To 30', Add	*45.64*	
		For Elevated Installation >30' To 35', Add	*52.16*	
		For Elevated Installation >35' To 40', Add	*65.20*	
		For Elevated Installation >40', Add	*71.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2646	EA	2-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	369.75	76.46
		For Work In Restricted Working Space, Add	*57.35*	
		For Elevated Installation >10' To 15', Add	*19.12*	
		For Elevated Installation >15' To 20', Add	*38.24*	
		For Elevated Installation >20' To 25', Add	*47.80*	
		For Elevated Installation >25' To 30', Add	*66.91*	
		For Elevated Installation >30' To 35', Add	*76.47*	
		For Elevated Installation >35' To 40', Add	*95.59*	
		For Elevated Installation >40', Add	*105.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.35*	
26 05 33 13-2647	EA	3" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	545.36	99.45
		For Work In Restricted Working Space, Add	*74.59*	
		For Elevated Installation >10' To 15', Add	*24.86*	
		For Elevated Installation >15' To 20', Add	*49.73*	
		For Elevated Installation >20' To 25', Add	*62.16*	
		For Elevated Installation >25' To 30', Add	*87.02*	
		For Elevated Installation >30' To 35', Add	*99.45*	
		For Elevated Installation >35' To 40', Add	*124.32*	
		For Elevated Installation >40', Add	*136.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.59*	
26 05 33 13-2648	EA	3-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	820.33	122.88
		For Work In Restricted Working Space, Add	*92.16*	
		For Elevated Installation >10' To 15', Add	*30.72*	
		For Elevated Installation >15' To 20', Add	*61.44*	
		For Elevated Installation >20' To 25', Add	*76.80*	
		For Elevated Installation >25' To 30', Add	*107.52*	
		For Elevated Installation >30' To 35', Add	*122.88*	
		For Elevated Installation >35' To 40', Add	*153.60*	
		For Elevated Installation >40', Add	*168.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.16*	
26 05 33 13-2649	EA	4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	913.90	147.64
		For Work In Restricted Working Space, Add	*110.72*	
		For Elevated Installation >10' To 15', Add	*36.91*	
		For Elevated Installation >15' To 20', Add	*73.82*	
		For Elevated Installation >20' To 25', Add	*92.27*	
		For Elevated Installation >25' To 30', Add	*129.18*	
		For Elevated Installation >30' To 35', Add	*147.63*	
		For Elevated Installation >35' To 40', Add	*184.54*	
		For Elevated Installation >40', Add	*202.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*110.72*	

26 05 33 13-2650 Set Screw, Cast Aluminum Conduit Body *(26 05 33 13-2537)*

Note: For use with Electrical Metallic Tubing (EMT)

26 05 33 13-2651 Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2650)*

26 05 33 13-2652	EA	1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	32.10	8.40
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-2653	EA	3/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	40.98	11.05
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-2654	EA	1" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	55.82	13.70
		For Work In Restricted Working Space, Add	*10.28*	
		For Elevated Installation >10' To 15', Add	*3.43*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.57*	
		For Elevated Installation >25' To 30', Add	*11.99*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.13*	
		For Elevated Installation >40', Add	*18.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.28*	
26 05 33 13-2655	EA	1-1/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	72.65	16.79
		For Work In Restricted Working Space, Add	*12.60*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.50*	
		For Elevated Installation >25' To 30', Add	*14.70*	
		For Elevated Installation >30' To 35', Add	*16.80*	
		For Elevated Installation >35' To 40', Add	*21.00*	
		For Elevated Installation >40', Add	*23.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.60*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2656		EA	1-1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	96.32	19.45
			For Work In Restricted Working Space, Add	*14.59*	
			For Elevated Installation >10' To 15', Add	*4.86*	
			For Elevated Installation >15' To 20', Add	*9.72*	
			For Elevated Installation >20' To 25', Add	*12.16*	
			For Elevated Installation >25' To 30', Add	*17.02*	
			For Elevated Installation >30' To 35', Add	*19.45*	
			For Elevated Installation >35' To 40', Add	*24.31*	
			For Elevated Installation >40', Add	*26.74*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.59*	
26 05 33 13-2657		EA	2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	128.66	22.10
			For Work In Restricted Working Space, Add	*16.58*	
			For Elevated Installation >10' To 15', Add	*5.53*	
			For Elevated Installation >15' To 20', Add	*11.05*	
			For Elevated Installation >20' To 25', Add	*13.81*	
			For Elevated Installation >25' To 30', Add	*19.34*	
			For Elevated Installation >30' To 35', Add	*22.10*	
			For Elevated Installation >35' To 40', Add	*27.63*	
			For Elevated Installation >40', Add	*30.39*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	

26 05 33 13-2658 Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2650)*

26 05 33 13-2659		EA	1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	32.41	8.40
			For Work In Restricted Working Space, Add	*6.30*	
			For Elevated Installation >10' To 15', Add	*2.10*	
			For Elevated Installation >15' To 20', Add	*4.20*	
			For Elevated Installation >20' To 25', Add	*5.25*	
			For Elevated Installation >25' To 30', Add	*7.35*	
			For Elevated Installation >30' To 35', Add	*8.40*	
			For Elevated Installation >35' To 40', Add	*10.50*	
			For Elevated Installation >40', Add	*11.54*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-2660		EA	3/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	42.16	11.05
			For Work In Restricted Working Space, Add	*8.29*	
			For Elevated Installation >10' To 15', Add	*2.76*	
			For Elevated Installation >15' To 20', Add	*5.53*	
			For Elevated Installation >20' To 25', Add	*6.91*	
			For Elevated Installation >25' To 30', Add	*9.67*	
			For Elevated Installation >30' To 35', Add	*11.05*	
			For Elevated Installation >35' To 40', Add	*13.82*	
			For Elevated Installation >40', Add	*15.20*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-2661		EA	1" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	51.74	13.70
			For Work In Restricted Working Space, Add	*10.28*	
			For Elevated Installation >10' To 15', Add	*3.43*	
			For Elevated Installation >15' To 20', Add	*6.85*	
			For Elevated Installation >20' To 25', Add	*8.57*	
			For Elevated Installation >25' To 30', Add	*11.99*	
			For Elevated Installation >30' To 35', Add	*13.70*	
			For Elevated Installation >35' To 40', Add	*17.13*	
			For Elevated Installation >40', Add	*18.84*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.28*	
26 05 33 13-2662		EA	1-1/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	72.31	16.79
			For Work In Restricted Working Space, Add	*12.60*	
			For Elevated Installation >10' To 15', Add	*4.20*	
			For Elevated Installation >15' To 20', Add	*8.40*	
			For Elevated Installation >20' To 25', Add	*10.50*	
			For Elevated Installation >25' To 30', Add	*14.70*	
			For Elevated Installation >30' To 35', Add	*16.80*	
			For Elevated Installation >35' To 40', Add	*21.00*	
			For Elevated Installation >40', Add	*23.09*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.60*	
26 05 33 13-2663		EA	1-1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	89.54	19.45
			For Work In Restricted Working Space, Add	*14.59*	
			For Elevated Installation >10' To 15', Add	*4.86*	
			For Elevated Installation >15' To 20', Add	*9.72*	
			For Elevated Installation >20' To 25', Add	*12.16*	
			For Elevated Installation >25' To 30', Add	*17.02*	
			For Elevated Installation >30' To 35', Add	*19.45*	
			For Elevated Installation >35' To 40', Add	*24.31*	
			For Elevated Installation >40', Add	*26.74*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.59*	
26 05 33 13-2664		EA	2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	128.07	22.10
			For Work In Restricted Working Space, Add	*16.58*	
			For Elevated Installation >10' To 15', Add	*5.53*	
			For Elevated Installation >15' To 20', Add	*11.05*	
			For Elevated Installation >20' To 25', Add	*13.81*	
			For Elevated Installation >25' To 30', Add	*19.34*	
			For Elevated Installation >30' To 35', Add	*22.10*	
			For Elevated Installation >35' To 40', Add	*27.63*	
			For Elevated Installation >40', Add	*30.39*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2665		Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2650)*		
26 05 33 13-2666	EA	1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	41.62	11.05
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	
26 05 33 13-2667	EA	3/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	54.42	13.70
		For Work In Restricted Working Space, Add	*10.28*	
		For Elevated Installation >10' To 15', Add	*3.43*	
		For Elevated Installation >15' To 20', Add	*6.85*	
		For Elevated Installation >20' To 25', Add	*8.57*	
		For Elevated Installation >25' To 30', Add	*11.99*	
		For Elevated Installation >30' To 35', Add	*13.70*	
		For Elevated Installation >35' To 40', Add	*17.13*	
		For Elevated Installation >40', Add	*18.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.28*	
26 05 33 13-2668	EA	1" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	65.55	16.79
		For Work In Restricted Working Space, Add	*12.60*	
		For Elevated Installation >10' To 15', Add	*4.20*	
		For Elevated Installation >15' To 20', Add	*8.40*	
		For Elevated Installation >20' To 25', Add	*10.50*	
		For Elevated Installation >25' To 30', Add	*14.70*	
		For Elevated Installation >30' To 35', Add	*16.80*	
		For Elevated Installation >35' To 40', Add	*21.00*	
		For Elevated Installation >40', Add	*23.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.60*	
26 05 33 13-2669	EA	1-1/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	91.51	19.45
		For Work In Restricted Working Space, Add	*15.25*	
		For Elevated Installation >10' To 15', Add	*5.08*	
		For Elevated Installation >15' To 20', Add	*10.17*	
		For Elevated Installation >20' To 25', Add	*12.71*	
		For Elevated Installation >25' To 30', Add	*17.79*	
		For Elevated Installation >30' To 35', Add	*20.33*	
		For Elevated Installation >35' To 40', Add	*25.42*	
		For Elevated Installation >40', Add	*27.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.25*	
26 05 33 13-2670	EA	1-1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	117.98	22.10
		For Work In Restricted Working Space, Add	*17.90*	
		For Elevated Installation >10' To 15', Add	*5.97*	
		For Elevated Installation >15' To 20', Add	*11.93*	
		For Elevated Installation >20' To 25', Add	*14.92*	
		For Elevated Installation >25' To 30', Add	*20.88*	
		For Elevated Installation >30' To 35', Add	*23.87*	
		For Elevated Installation >35' To 40', Add	*29.84*	
		For Elevated Installation >40', Add	*32.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.90*	
26 05 33 13-2671	EA	2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	160.14	24.75
		For Work In Restricted Working Space, Add	*20.55*	
		For Elevated Installation >10' To 15', Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*13.70*	
		For Elevated Installation >20' To 25', Add	*17.13*	
		For Elevated Installation >25' To 30', Add	*23.98*	
		For Elevated Installation >30' To 35', Add	*27.40*	
		For Elevated Installation >35' To 40', Add	*34.26*	
		For Elevated Installation >40', Add	*37.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.55*	
26 05 33 13-2672		Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2650)*		
26 05 33 13-2673	EA	1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	33.40	8.40
		For Work In Restricted Working Space, Add	*6.30*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.35*	
		For Elevated Installation >30' To 35', Add	*8.40*	
		For Elevated Installation >35' To 40', Add	*10.50*	
		For Elevated Installation >40', Add	*11.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.30*	
26 05 33 13-2674	EA	3/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	44.76	11.05
		For Work In Restricted Working Space, Add	*8.29*	
		For Elevated Installation >10' To 15', Add	*2.76*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Elevated Installation >20' To 25', Add	*6.91*	
		For Elevated Installation >25' To 30', Add	*9.67*	
		For Elevated Installation >30' To 35', Add	*11.05*	
		For Elevated Installation >35' To 40', Add	*13.82*	
		For Elevated Installation >40', Add	*15.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.29*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2675		EA	1" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	57.30	13.70
			For Work In Restricted Working Space, Add	*10.28*	
			For Elevated Installation >10' To 15', Add	*3.43*	
			For Elevated Installation >15' To 20', Add	*6.85*	
			For Elevated Installation >20' To 25', Add	*8.57*	
			For Elevated Installation >25' To 30', Add	*11.99*	
			For Elevated Installation >30' To 35', Add	*13.70*	
			For Elevated Installation >35' To 40', Add	*17.13*	
			For Elevated Installation >40', Add	*18.84*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.28*	
26 05 33 13-2676		EA	1-1/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	74.42	16.79
			For Work In Restricted Working Space, Add	*12.60*	
			For Elevated Installation >10' To 15', Add	*4.20*	
			For Elevated Installation >15' To 20', Add	*8.40*	
			For Elevated Installation >20' To 25', Add	*10.50*	
			For Elevated Installation >25' To 30', Add	*14.70*	
			For Elevated Installation >30' To 35', Add	*16.80*	
			For Elevated Installation >35' To 40', Add	*21.00*	
			For Elevated Installation >40', Add	*23.09*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.60*	
26 05 33 13-2677		EA	1-1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	90.75	19.45
			For Work In Restricted Working Space, Add	*14.59*	
			For Elevated Installation >10' To 15', Add	*4.86*	
			For Elevated Installation >15' To 20', Add	*9.72*	
			For Elevated Installation >20' To 25', Add	*12.16*	
			For Elevated Installation >25' To 30', Add	*17.02*	
			For Elevated Installation >30' To 35', Add	*19.45*	
			For Elevated Installation >35' To 40', Add	*24.31*	
			For Elevated Installation >40', Add	*26.74*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.59*	
26 05 33 13-2678		EA	2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	139.39	22.10
			For Work In Restricted Working Space, Add	*16.58*	
			For Elevated Installation >10' To 15', Add	*5.53*	
			For Elevated Installation >15' To 20', Add	*11.05*	
			For Elevated Installation >20' To 25', Add	*13.81*	
			For Elevated Installation >25' To 30', Add	*19.34*	
			For Elevated Installation >30' To 35', Add	*22.10*	
			For Elevated Installation >35' To 40', Add	*27.63*	
			For Elevated Installation >40', Add	*30.39*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.58*	
26 05 33 13-2679			Aluminum Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) *(26 05 33 13-2537)*		
26 05 33 13-2680		EA	3/4" To 1-1/4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB120)	157.30	24.20
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.17*	
26 05 33 13-2681		EA	1-1/2" To 2-1/2" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB250)	587.64	44.75
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.58*	
26 05 33 13-2682		EA	3" To 4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB400)	1,130.40	90.83
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.13*	
26 05 33 13-2683			Replacement Covers And Gaskets For Conduit Body *(26 05 33 13-2537)*		
26 05 33 13-2684			Replacement Stamped Aluminum Conduit Body Cover *(26 05 33 13-2683)*		
26 05 33 13-2685		EA	1/2" Replacement Stamped Aluminum Conduit Body Cover	11.75	4.31
26 05 33 13-2686		EA	3/4" Replacement Stamped Aluminum Conduit Body Cover	14.43	5.03
26 05 33 13-2687		EA	1" Replacement Stamped Aluminum Conduit Body Cover	18.48	6.47
26 05 33 13-2688		EA	1-1/4" Replacement Stamped Aluminum Conduit Body Cover	22.48	7.90
26 05 33 13-2689		EA	1-1/2" Replacement Stamped Aluminum Conduit Body Cover	27.73	9.33
26 05 33 13-2690		EA	2" Replacement Stamped Aluminum Conduit Body Cover	32.94	10.78
26 05 33 13-2691		EA	2-1/2" Replacement Stamped Aluminum Conduit Body Cover	44.14	12.21
26 05 33 13-2692		EA	3" Replacement Stamped Aluminum Conduit Body Cover	56.57	17.23
26 05 33 13-2693		EA	3-1/2" Replacement Stamped Aluminum Conduit Body Cover	61.39	19.39
26 05 33 13-2694		EA	4" Replacement Stamped Aluminum Conduit Body Cover	77.35	24.42
26 05 33 13-2695			Replacement Cast Steel Conduit Body Cover *(26 05 33 13-2683)*		
26 05 33 13-2696		EA	1/2" Replacement Cast Steel Conduit Body Cover	13.88	4.31
26 05 33 13-2697		EA	3/4" Replacement Cast Steel Conduit Body Cover	16.29	5.03
26 05 33 13-2698		EA	1" Replacement Cast Steel Conduit Body Cover	23.06	6.47
26 05 33 13-2699		EA	1-1/4" Replacement Cast Steel Conduit Body Cover	28.68	7.90
26 05 33 13-2700		EA	1-1/2" Replacement Cast Steel Conduit Body Cover	34.95	9.33
26 05 33 13-2701		EA	2" Replacement Cast Steel Conduit Body Cover	41.20	10.78
26 05 33 13-2702		EA	2-1/2" Replacement Cast Steel Conduit Body Cover	47.42	12.21
26 05 33 13-2703		EA	3" Replacement Cast Steel Conduit Body Cover	64.32	17.23
26 05 33 13-2704		EA	3-1/2" Replacement Cast Steel Conduit Body Cover	73.59	19.39
26 05 33 13-2705		EA	4" Replacement Cast Steel Conduit Body Cover	92.79	24.42
26 05 33 13-2706			Replacement Velbuna Composition Conduit Body Gasket *(26 05 33 13-2683)*		
26 05 33 13-2707		EA	1/2" Replacement Velbuna Composition Conduit Body Gasket	10.79	4.31
26 05 33 13-2708		EA	3/4" Replacement Velbuna Composition Conduit Body Gasket	12.30	5.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2709	EA	1" Replacement Velbuna Composition Conduit Body Gasket	16.10	6.47
26 05 33 13-2710	EA	1-1/4" Replacement Velbuna Composition Conduit Body Gasket	21.04	7.90
26 05 33 13-2711	EA	1-1/2" Replacement Velbuna Composition Conduit Body Gasket	23.92	9.33
26 05 33 13-2712	EA	2" Replacement Velbuna Composition Conduit Body Gasket	28.54	10.78
26 05 33 13-2713	EA	2-1/2" Replacement Velbuna Composition Conduit Body Gasket	38.12	12.21
26 05 33 13-2714	EA	3" Replacement Velbuna Composition Conduit Body Gasket	49.06	17.23
26 05 33 13-2715	EA	3-1/2" Replacement Velbuna Composition Conduit Body Gasket	54.27	19.39
26 05 33 13-2716	EA	4" Replacement Velbuna Composition Conduit Body Gasket	64.21	24.42

26 05 33 13-2717 Replacement Neoprene Conduit Body Gasket *(26 05 33 13-2683)*

26 05 33 13-2718	EA	1/2" Replacement Neoprene Conduit Body Gasket	12.27	4.31
26 05 33 13-2719	EA	3/4" Replacement Neoprene Conduit Body Gasket	13.71	5.03
26 05 33 13-2720	EA	1" Replacement Neoprene Conduit Body Gasket	17.95	6.47
26 05 33 13-2721	EA	1-1/4" Replacement Neoprene Conduit Body Gasket	21.99	7.90
26 05 33 13-2722	EA	1-1/2" Replacement Neoprene Conduit Body Gasket	24.87	9.33
26 05 33 13-2723	EA	2" Replacement Neoprene Conduit Body Gasket	28.64	10.78
26 05 33 13-2724	EA	2-1/2" Replacement Neoprene Conduit Body Gasket	38.35	12.21
26 05 33 13-2725	EA	3" Replacement Neoprene Conduit Body Gasket	49.29	17.23
26 05 33 13-2726	EA	3-1/2" Replacement Neoprene Conduit Body Gasket	55.85	19.39
26 05 33 13-2727	EA	4" Replacement Neoprene Conduit Body Gasket	65.79	24.42

26 05 33 16 Boxes for Electrical Systems *(26 05 33)*

See CSI section 26 27 16 00-0000 for larger junction boxes and enclosures.

26 05 33 16-0001 Steel Junction, Device, And Fixture Boxes, Rings And Covers *(26 05 33 16)*

Note: Thin wall metal. See CSI section 26 27 26 00-0003 for steel box/receptacle assemblies, 26 27 26 00-0126 for steel box/switch assemblies.

26 05 33 16-0002 4" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

26 05 33 16-0003	EA	1-1/2" Depth, 4" Square Steel Box	41.22	18.14
		For Stud Bracket, Add	*1.21*	
26 05 33 16-0004	EA	2-1/8" Depth, 4" Square Steel Box	43.46	18.14
		For Stud Bracket, Add	*2.17*	
26 05 33 16-0005	EA	3-1/2" Depth, 4" Square Steel Box	51.15	18.14
		For Stud Bracket, Add	*2.37*	
26 05 33 16-0006	EA	1-1/2" Depth, 4" Square Steel Extension Ring	35.15	12.10
26 05 33 16-0007	EA	2-1/8" Depth, 4" Square Steel Extension Ring	27.37	12.10
26 05 33 16-0008	EA	1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	14.45	6.04
26 05 33 16-0009	EA	5/8" Depth, 1 Gang, 4" Square Steel Mud Ring	14.81	6.04
26 05 33 16-0010	EA	3/4" Depth, 1 Gang, 4" Square Steel Mud Ring	15.07	6.04
26 05 33 16-0011	EA	1" Depth, 1 Gang, 4" Square Steel Mud Ring	15.90	6.04
26 05 33 16-0012	EA	1-1/4" Depth, 1 Gang, 4" Square Steel Mud Ring	16.14	6.04
26 05 33 16-0013	EA	1-1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	18.80	6.04
26 05 33 16-0014	EA	1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	15.46	6.04
26 05 33 16-0015	EA	5/8" Depth, 2 Gang, 4" Square Steel Mud Ring	15.72	6.04
26 05 33 16-0016	EA	3/4" Depth, 2 Gang, 4" Square Steel Mud Ring	16.03	6.04
26 05 33 16-0017	EA	1" Depth, 2 Gang, 4" Square Steel Mud Ring	18.76	6.04
26 05 33 16-0018	EA	1-1/4" Depth, 2 Gang, 4" Square Steel Mud Ring	19.32	6.04
26 05 33 16-0019	EA	1-1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	22.78	6.04
26 05 33 16-0020	EA	3/4" Depth, Fixture Cover, 4" Square Mud Rings	16.79	6.04
26 05 33 16-0021	EA	1" Depth, Fixture Cover, 4" Square Mud Rings	18.99	6.04
26 05 33 16-0022	EA	One Toggle Switch, 4" Square Steel Exposed Work Cover	15.42	6.04
26 05 33 16-0023	EA	Two Toggle Switches, 4" Square Steel Exposed Work Cover	15.62	6.04
26 05 33 16-0024	EA	One Duplex Receptacle, 4" Square Steel Exposed Work Cover	15.37	6.04
26 05 33 16-0025	EA	Two Duplex Receptacles, 4" Square Steel Exposed Work Cover	15.96	6.04
26 05 33 16-0026	EA	One Toggle Switch And One Duplex Receptacle, 4" Square Steel Exposed Work Cover	16.45	6.04
26 05 33 16-0027	EA	One Toggle Switch And One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	22.55	6.04
26 05 33 16-0028	EA	One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	16.36	6.04
26 05 33 16-0029	EA	Two 1.406" Diameter Receptacles, 4" Square Steel Exposed Work Cover	22.55	6.04
26 05 33 16-0030	EA	One 1.620" Diameter Receptacle, 4" Square Steel Exposed Work Cover	16.36	6.04
26 05 33 16-0031	EA	One 1.719" Diameter Receptacle, 4" Square Steel Exposed Work Cover	17.79	6.04
26 05 33 16-0032	EA	One 2.165" Diameter Receptacle, 4" Square Steel Exposed Work Cover	22.55	6.04
26 05 33 16-0033	EA	One 2.480" Diameter Receptacle, 4" Square Steel Exposed Work Cover	22.55	6.04
26 05 33 16-0034	EA	Flat, 4" Square Steel Exposed Work Cover	13.68	6.04

26 05 33 16-0035 4-11/16" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

26 05 33 16-0036	EA	1-1/2" Depth, 4-11/16" Square Steel Box	49.51	18.14
26 05 33 16-0037	EA	2-1/8" Depth, 4-11/16" Square Steel Box	44.44	18.14
		For Stud Bracket, Add	*1.14*	
26 05 33 16-0038	EA	3-1/4" Depth, 4-11/16" Square Steel Box	69.90	18.14
26 05 33 16-0039	EA	1-1/2" Depth, 4-11/16" Square Extension Ring	37.27	12.10
26 05 33 16-0040	EA	2-1/8" Depth, 4-11/16" Square Extension Ring	38.52	12.10
26 05 33 16-0041	EA	1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	19.52	6.04
26 05 33 16-0042	EA	5/8" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	19.58	6.04
26 05 33 16-0043	EA	3/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	21.74	6.04
26 05 33 16-0044	EA	1" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	20.87	6.04
26 05 33 16-0045	EA	1-1/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	20.68	6.04
26 05 33 16-0046	EA	1-1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	29.67	6.04
26 05 33 16-0047	EA	1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	21.24	6.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0048	EA	5/8" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	21.71	6.04
26 05 33 16-0049	EA	3/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	21.74	6.04
26 05 33 16-0050	EA	1" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	24.92	6.04
26 05 33 16-0051	EA	1-1/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	25.58	6.04
26 05 33 16-0052	EA	1-1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	33.28	6.04
26 05 33 16-0053	EA	1/2" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring	20.82	6.04
26 05 33 16-0054	EA	5/8" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring	21.05	6.04
26 05 33 16-0055	EA	One Toggle Switch, 4-11/16" Square Steel Exposed Work Cover	27.01	6.04
26 05 33 16-0056	EA	Two Toggle Switches, 4-11/16" Square Steel Exposed Work Cover	28.68	6.04
26 05 33 16-0057	EA	One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	26.52	6.04
26 05 33 16-0058	EA	Two Duplex Receptacles, 4-11/16" Square Steel Exposed Work Cover	24.70	6.04
26 05 33 16-0059	EA	One Toggle Switch And One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	30.79	6.04
26 05 33 16-0060	EA	One 1.594" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	28.67	6.04
26 05 33 16-0061	EA	One 2.141" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	28.67	6.04
26 05 33 16-0062	EA	One 2.625" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	28.67	6.04
26 05 33 16-0063	EA	Flat, 4-11/16" Square Steel Exposed Work Cover	15.04	6.04
26 05 33 16-0064		**Steel Square Box Brackets** *(26 05 33 16-0001)*		
26 05 33 16-0065	EA	16" Or 24" Width Box Bracket, For Multiple 1-1/2" And 2-1/8" Deep Boxes	20.44	9.08
26 05 33 16-0066	EA	Single Box Bracket, One 4" Or 4-11/16" Square Box	15.63	6.05
26 05 33 16-0067	EA	16" Box Bracket, Up To Three 4" Or 4-11/16" Square Boxes	25.84	9.08
26 05 33 16-0068	EA	24" Box Bracket, Up To Four 4" Or 4-11/16" Square Boxes	28.62	9.08
26 05 33 16-0069		**4" Octagon Steel Boxes And Covers** *(26 05 33 16-0001)*		
26 05 33 16-0070	EA	1-1/2" Depth, 4" Steel Octagon Box	34.28	15.12
		For Stud Bracket, Add	*2.94*	
26 05 33 16-0071	EA	2-1/8" Depth, 4" Steel Octagon Box	36.24	15.12
26 05 33 16-0072	EA	Flat, 4" Octagon Steel Exposed Work Cover	13.55	6.04
26 05 33 16-0073		**4" Steel Octagonal Concrete Rings And Steel Covers** *(26 05 33 16-0001)*		
		Note: Placed in concrete slabs or walls.		
26 05 33 16-0074	EA	2" Depth, 4" Steel Octagonal Concrete Ring	57.24	
26 05 33 16-0075	EA	2-1/2" Depth, 4" Steel Octagonal Concrete Ring	61.12	
26 05 33 16-0076	EA	3" Depth, 4" Steel Octagonal Concrete Ring	63.91	
26 05 33 16-0077	EA	3-1/2" Depth, 4" Steel Octagonal Concrete Ring	66.60	
26 05 33 16-0078	EA	4" Depth, 4" Steel Octagonal Concrete Ring	74.41	
26 05 33 16-0079	EA	5" Depth, 4" Steel Octagonal Concrete Ring	82.56	
26 05 33 16-0080	EA	6" Depth, 4" Steel Octagonal Concrete Ring	88.58	
26 05 33 16-0081	EA	Flat, 4" Steel Octagonal Concrete Cover	16.25	6.04
26 05 33 16-0082		**4-1/2" Steel Gang Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0083	EA	2 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	62.03	15.12
26 05 33 16-0084	EA	3 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	68.49	16.33
26 05 33 16-0085	EA	4 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	84.26	18.14
26 05 33 16-0086	EA	5 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	114.72	19.95
26 05 33 16-0087	EA	6 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	180.12	21.77
26 05 33 16-0088	EA	2 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	92.30	15.12
26 05 33 16-0089	EA	3 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	100.74	16.33
26 05 33 16-0090	EA	4 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	138.72	18.14
26 05 33 16-0091	EA	5 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	182.44	19.95
26 05 33 16-0092	EA	6 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	314.01	21.77
26 05 33 16-0093	EA	2 Device, Gang Box Mud Ring	27.84	6.04
26 05 33 16-0094	EA	3 Device, Gang Box Mud Ring	28.35	6.04
26 05 33 16-0095	EA	4 Device, Gang Box Mud Ring	34.18	6.04
26 05 33 16-0096	EA	5 Device, Gang Box Mud Ring	44.21	6.04
26 05 33 16-0097	EA	6 Device, Gang Box Mud Ring	66.20	6.04
26 05 33 16-0098	EA	2 Device, Gang Box Flat Cover	22.83	6.04
26 05 33 16-0099	EA	3 Device, Gang Box Flat Cover	28.29	6.04
26 05 33 16-0100	EA	4 Device, Gang Box Flat Cover	35.54	6.04
26 05 33 16-0101	EA	5 Device, Gang Box Flat Cover	44.77	6.04
26 05 33 16-0102	EA	6 Device, Gang Box Flat Cover	67.76	6.04
26 05 33 16-0103		**Steel Switch Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0104	EA	2-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	38.05	15.12
26 05 33 16-0105	EA	2-3/4" Depth, 3" x 2", Stud Bracket, Steel Switch Box	38.90	15.12
26 05 33 16-0106	EA	3-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	43.27	15.12
26 05 33 16-0107	EA	2-1/2" Depth, 2 Device, Stud Bracket, Steel Box	53.09	15.12
26 05 33 16-0108	EA	2-1/2" Depth, 3 Device, Stud Bracket, Steel Box	53.94	15.12
26 05 33 16-0109	EA	2-1/2" Depth, 4 Device, Stud Bracket, Steel Box	67.24	15.12
26 05 33 16-0110		**4" x 2" Steel Handy Boxes, Extension Rings And Covers** *(26 05 33 16-0001)*		
26 05 33 16-0111	EA	1-1/2" Deep, 4" x 2" Steel Handy Box	34.06	15.12
		For Stud Bracket, Add	*4.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0112	EA	1-7/8" Deep, 4" x 2" Steel Handy Box	34.97	15.12
		For Stud Bracket, Add	*2.04*	
26 05 33 16-0113	EA	2-1/8" Deep, 4" x 2" Steel Handy Box	36.98	15.12
		For Stud Bracket, Add	*2.77*	
26 05 33 16-0114	EA	1-1/2" Deep, 4" x 2" Steel Handy Box Extension Ring	23.63	9.07
26 05 33 16-0115	EA	1-7/8" Deep, 4" x 2" Steel Handy Box Extension Ring	22.73	9.07
26 05 33 16-0116	EA	GFI Receptacle, 2" x 4" Steel Handy Box Exposed Work Cover	8.02	3.03
26 05 33 16-0117	EA	1.406" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	8.19	3.03
26 05 33 16-0118	EA	Duplex Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	7.34	3.03
26 05 33 16-0119	EA	Toggle Switch, 4" x 2" Steel Handy Box Exposed Work Cover	7.40	3.03
26 05 33 16-0120	EA	1.594" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	9.13	3.03
26 05 33 16-0121	EA	Flat, 2" x 4" Steel Handy Box Exposed Work Cover	7.40	3.03
26 05 33 16-0122		3"-1/2" Depth, 3-3/4" Steel Masonry Boxes *(26 05 33 16-0001)*		
26 05 33 16-0123	EA	1 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	52.98	21.17
26 05 33 16-0124	EA	2 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	60.81	22.38
26 05 33 16-0125	EA	3 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	71.42	24.19
26 05 33 16-0126	EA	4 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	82.48	26.61
26 05 33 16-0127		Cast Boxes *(26 05 33 16)* Note: For flush or surface mount.		
26 05 33 16-0128		Cast Iron Alloy Boxes *(26 05 33 16-0127)* See CSI section 26 27 26 00-0263 for box covers.		
26 05 33 16-0129		Shallow, Single Gang Cast Iron Alloy Boxes *(26 05 33 16-0128)* Note: Up to 2" deep boxes.		
26 05 33 16-0130	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	100.98	36.29
26 05 33 16-0131	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	109.37	42.33
26 05 33 16-0132	EA	1" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	129.06	51.40
26 05 33 16-0133	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	126.75	48.38
26 05 33 16-0134	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	161.24	57.46
26 05 33 16-0135	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	126.26	48.38
26 05 33 16-0136	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	151.70	57.46
26 05 33 16-0137	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	129.33	48.38
26 05 33 16-0138	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	151.74	57.46
26 05 33 16-0139	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	126.26	48.38
26 05 33 16-0140	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	147.96	57.46
26 05 33 16-0141	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	150.96	60.47
26 05 33 16-0142	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	178.83	72.57
26 05 33 16-0143	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	156.84	60.47
26 05 33 16-0144	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	201.26	72.57
26 05 33 16-0145	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	160.69	60.47
26 05 33 16-0146	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	192.04	72.57
26 05 33 16-0147	EA	1/2" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	150.46	60.47
26 05 33 16-0148	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	194.63	72.57
26 05 33 16-0149	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	190.98	72.57
26 05 33 16-0150	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	230.42	87.69
26 05 33 16-0151		Deep, Single Gang Cast Iron Alloy Boxes *(26 05 33 16-0128)* Note: >2" deep boxes.		
26 05 33 16-0152	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	105.31	36.29
26 05 33 16-0153	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	121.39	42.33
26 05 33 16-0154	EA	1" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	142.92	51.40
26 05 33 16-0155	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	134.67	48.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0156	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	155.77	57.46
26 05 33 16-0157	EA	1" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	187.33	69.54
26 05 33 16-0158	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	166.57	57.46
26 05 33 16-0159	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Iron Alloy Box Note: Three hubs.	214.05	72.57
26 05 33 16-0160		Shallow, Two Gang Cast Iron Alloy Boxes *(26 05 33 16-0128)* Note: Up to 2" deep boxes.		
26 05 33 16-0161	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	120.66	39.31
26 05 33 16-0162	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	134.02	45.36
26 05 33 16-0163	EA	1" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	156.03	54.43
26 05 33 16-0164	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	146.93	51.40
26 05 33 16-0165	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	167.30	60.47
26 05 33 16-0166		Deep, Two Gang Cast Iron Alloy Boxes *(26 05 33 16-0128)* Note: >2" deep boxes.		
26 05 33 16-0167	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	133.66	39.31
26 05 33 16-0168	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	146.26	45.36
26 05 33 16-0169	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	166.50	51.40
26 05 33 16-0170	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	187.98	60.47
26 05 33 16-0171		Cast Aluminum Boxes *(26 05 33 16-0127)* See CSI section 26 27 26 00-0263 for box covers.		
26 05 33 16-0172		Shallow, Single Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0173	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	88.88	30.24
26 05 33 16-0174	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	102.11	36.29
26 05 33 16-0175	EA	1" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	114.46	45.36
26 05 33 16-0176	EA	1/2" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	83.83	30.24
26 05 33 16-0177	EA	3/4" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	105.67	36.29
26 05 33 16-0178	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	113.57	42.33
26 05 33 16-0179	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	136.54	51.40
26 05 33 16-0180	EA	1" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	171.14	63.50
26 05 33 16-0181	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	122.35	42.33
26 05 33 16-0182	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	132.27	51.40
26 05 33 16-0183	EA	1/2" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	117.36	42.33
26 05 33 16-0184	EA	3/4" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	135.25	51.40
26 05 33 16-0185	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	114.13	42.33
26 05 33 16-0186	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	135.25	51.40
26 05 33 16-0187	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	106.69	42.33
26 05 33 16-0188	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	143.17	51.40
26 05 33 16-0189	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	136.01	54.43
26 05 33 16-0190	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	165.32	66.53
26 05 33 16-0191	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	143.73	54.43
26 05 33 16-0192	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	192.06	66.53
26 05 33 16-0193	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	143.08	54.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0194	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	175.49	66.53
26 05 33 16-0195	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	177.79	66.53
26 05 33 16-0196	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	174.49	66.53
26 05 33 16-0197	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	213.08	81.64
26 05 33 16-0198		Deep, Single Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0199	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	97.83	30.24
26 05 33 16-0200	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	117.22	36.29
26 05 33 16-0201	EA	1" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	135.23	45.36
26 05 33 16-0202	EA	3/4" Depth, Type FDA, Deep, Single Gang Cast Aluminum Box Note: One hub.	125.39	36.29
26 05 33 16-0203	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	125.14	42.33
26 05 33 16-0204	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	150.76	51.40
26 05 33 16-0205	EA	1" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	169.81	63.50
26 05 33 16-0206	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	152.65	51.40
26 05 33 16-0207	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Aluminum Box Note: Three hubs.	187.42	66.53
26 05 33 16-0208		Shallow, Two Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0209	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	116.43	33.26
26 05 33 16-0210	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	133.56	39.31
26 05 33 16-0211	EA	1" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	144.65	48.38
26 05 33 16-0212	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	146.26	45.36
26 05 33 16-0213	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	150.80	54.43
26 05 33 16-0214	EA	1" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	186.12	66.53
26 05 33 16-0215		Deep, Two Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0216	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	116.33	33.26
26 05 33 16-0217	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	134.78	39.31
26 05 33 16-0218	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	149.05	45.36
26 05 33 16-0219	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	169.51	54.43
26 05 33 16-0220	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	149.05	45.36
26 05 33 16-0221	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	169.51	54.43
26 05 33 16-0222		Shallow, Three Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0223	EA	1/2" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	156.59	48.38
26 05 33 16-0224	EA	3/4" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	176.33	57.46
26 05 33 16-0225		Deep, Three Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0226	EA	3/4" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	176.00	42.33
26 05 33 16-0227	EA	1" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	197.01	51.40
26 05 33 16-0228		Cast Aluminum Explosion Proof Outlet Bodies *(26 05 33 16-0127)* Note: Class I, Div. 1 & 2; Class II, Div. 1 & 2; and Class III.		
26 05 33 16-0229	EA	1/2" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	183.01	48.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0230	EA	3/4" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	225.79	54.43
26 05 33 16-0231	EA	1" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	208.56	60.47
26 05 33 16-0232	EA	1/2" Depth, Type GRSSA, 13 Opening, Cast Aluminum Explosion Proof Outlet Body	202.97	54.43
26 05 33 16-0233	EA	3/4" Depth, 13 Hubs, Explosion Proof Conduit Outlet Box With Cover Cast Aluminum, Type GRSSA	246.37	60.47
26 05 33 16-0234		Non Metallic (PVC) Boxes *(26 05 33 16)*		
		See CSI section 26 27 26 00-0263 for box covers.		
26 05 33 16-0235		Shallow, Single Gang Non Metallic (PVC) Boxes *(26 05 33 16-0234)*		
26 05 33 16-0236	EA	1/2" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	62.61	25.40
26 05 33 16-0237	EA	3/4" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	71.45	29.64
26 05 33 16-0238	EA	1" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	81.05	35.98
26 05 33 16-0239	EA	1/2" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	79.91	33.87
26 05 33 16-0240	EA	3/4" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	93.83	40.22
26 05 33 16-0241	EA	1" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	113.81	48.69
26 05 33 16-0242	EA	1/2" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	80.22	33.87
26 05 33 16-0243	EA	3/4" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	92.99	40.22
26 05 33 16-0244	EA	1" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	110.96	48.69
26 05 33 16-0245	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box Note: Three hubs.	101.38	42.33
26 05 33 16-0246	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box Note: Three hubs.	115.02	50.80
26 05 33 16-0247	EA	1" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box Note: Three hubs.	135.20	61.39
26 05 33 16-0248		Deep, Single Gang Non Metallic (PVC) Boxes *(26 05 33 16-0234)*		
26 05 33 16-0249	EA	No Hub, Type FD, Deep, Single Gang Non Metallic (PVC) Box Note: No hubs.	63.53	25.40
26 05 33 16-0250	EA	1/2" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	61.92	25.40
26 05 33 16-0251	EA	3/4" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	73.64	29.64
26 05 33 16-0252	EA	1" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	81.94	35.98
26 05 33 16-0253	EA	1/2" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	81.72	33.87
26 05 33 16-0254	EA	3/4" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	91.46	40.22
26 05 33 16-0255	EA	1" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	109.20	48.69
26 05 33 16-0256		Shallow, Two Gang Non Metallic (PVC) Boxes *(26 05 33 16-0234)*		
26 05 33 16-0257	EA	1/2" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	67.32	27.52
26 05 33 16-0258	EA	3/4" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	77.08	31.75
26 05 33 16-0259	EA	1" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	85.44	38.10
26 05 33 16-0260	EA	1/2" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	82.14	35.98
26 05 33 16-0261	EA	3/4" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	101.99	42.33
26 05 33 16-0262	EA	1" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	120.54	50.80
26 05 33 16-0263	EA	1/2" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	84.28	35.98
26 05 33 16-0264	EA	3/4" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	107.92	42.33
26 05 33 16-0265	EA	1" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	115.79	50.80
26 05 33 16-0266	EA	1/2" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	102.96	44.45
26 05 33 16-0267	EA	3/4" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	136.54	52.92
26 05 33 16-0268	EA	1" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	139.29	63.50
26 05 33 16-0269		Poke Thru Units *(26 05 33 16)*		
26 05 33 16-0270		Surface Poke Thru Units *(26 05 33 16-0269)* Note: Excludes concrete drilling.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0271	EA	Single 20 Amperes, Duplex Receptacle RC3 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC3ATCAL.	572.16	45.36
26 05 33 16-0272	EA	Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Wiremold RC3KTCAL.	365.26	
26 05 33 16-0273	EA	20 Amperes, Replacement Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC37REC.	49.41	12.10
26 05 33 16-0274	EA	Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC3APTCBK.	61.12	6.04
26 05 33 16-0275	EA	Four 20 Amperes, Receptacles RC4 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4ATCAL.	647.59	48.38
26 05 33 16-0276	EA	Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4KTCAL.	341.68	
26 05 33 16-0277	EA	Two 20 Amperes, Replacement Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4REC2.	85.12	18.14
26 05 33 16-0278	EA	Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4APTCBK.	61.12	6.04
26 05 33 16-0279	EA	Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold ABPLUG4.	179.01	12.10
26 05 33 16-0280	EA	Four Jack RC9AMD Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL.	511.78	42.33
26 05 33 16-0281	EA	Abandonment Plate For RC9 Series Communications Poke Thru Unit Note: Wiremold RC9APTCBK.	42.17	6.04
26 05 33 16-0282	EA	Eight Jack AMD8 Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMD8ATCAL.	509.39	42.33
26 05 33 16-0283	EA	Communication Conduit Adapter For Poke Thru Units Note: Includes two conduit connections for communication systems. Wiremold COM75.	59.04	6.04
26 05 33 16-0284		Recessed Poke Thru Units *(26 05 33 16-0269)* Note: Excludes concrete drilling.		
26 05 33 16-0285		Evolution 6AT Poke Thru Units *(26 05 33 16-0284)* Note: Excludes concrete drilling.		
26 05 33 16-0286	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 6ATCP) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	893.78	48.38
26 05 33 16-0287	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 6ATP) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	893.89	48.38
26 05 33 16-0288	EA	Recessed Assembly With Surface Style Cover (Wiremold 6ATC) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	851.74	48.38
26 05 33 16-0289	EA	Recessed Assembly With Flush Style Cover (Wiremold 6AT) Note: For tile, wood or laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	851.74	48.38
26 05 33 16-0290	EA	Recessed Prewired Audio/Video Assembly With Surface Style Cover (Wiremold 6ATCPA) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	893.78	48.38
26 05 33 16-0291	EA	Recessed Prewired Audio/Video Assembly With Flush Style Cover (Wiremold 6ATPA) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	893.78	48.38
26 05 33 16-0292	EA	Recessed Furniture Feed Assembly With Surface Style Cover (Wiremold 6ATCFF) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2"-1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	816.15	48.38
26 05 33 16-0293	EA	Recessed Assembly With Disposable Plate (Wiremold 6STC) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series.	510.81	45.36
26 05 33 16-0294	EA	Recessed Prewired Audio/Video Assembly With Disposable Plate (Wiremold 6STCPAV) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies(purchased separately): 6CTC and 6CT Series.	548.00	45.36
26 05 33 16-0295	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 6STCP) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series.	551.68	45.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0296	EA	6" Pre-Pour Poke-Thru Sleeve (Wiremold 6PPS) Note: Nonmetallic sleeve attaches to structural decking and maintains 6"-6 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	155.71	24.19
26 05 33 16-0297	EA	Surface Style Cover Assembly (Wiremold 6CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies.	360.67	12.10
26 05 33 16-0298	EA	Flush Style Cover Assembly (Wiremold 6CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim.	360.67	12.10
26 05 33 16-0299	EA	Furniture Feed Cover Assembly (Wiremold 6CFFTC) Note: Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2"-1 1/4" trade size screw plug opening. Cover assembly is available in finishes: black (BK), gray(GY), nickel (NK), brass (BS), and bronze (BZ). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke- Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services.	299.69	12.10
26 05 33 16-0300	EA	Tile Shim (Wiremold 6TS) Note: Used for floor coverings greater than 5/16" The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" of adjustment.	43.27	3.03
26 05 33 16-0301	EA	Device Mounting Plate (Wiremold 6AAP) Note: Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others.	20.94	6.04
26 05 33 16-0302	EA	Device Mounting Plate (Wiremold 6ACT8A) Note: Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others.	24.25	6.04
26 05 33 16-0303	EA	Device Mounting Plate (Wiremold 6B) Note: Device plate used to blank off center compartment, when no devices are used.	20.85	6.04
26 05 33 16-0304	EA	Device Mounting Plate (Wiremold 6DEC) Note: Device plate that will accept Decorator style devices such as 20 amperes receptacles, GFCIs, 106 adapters or A/V devices. For use in the center compartment only. Devices supplied by others.	20.91	6.04
26 05 33 16-0305	EA	Device Mounting Plate (Wiremold 6DP) Note: Device plate that will accept standard 20 amperes duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others.	20.77	6.04
26 05 33 16-0306	EA	Device Mounting Plate (Wiremold 6MAAP) Note: Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others.	24.60	6.04
26 05 33 16-0307	EA	Device Mounting Plate (Wiremold 6MAAP2A) Note: Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others.	24.33	6.04
26 05 33 16-0308	EA	Mosaic Mounting Plate (Wiremold 6MOS) Note: Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others.	24.93	6.04
26 05 33 16-0309	EA	Device Mounting Plate (Wiremold 6S1) Note: Receptacle opening 1 3/8". For 6" poke-thru units only.	20.45	6.04
26 05 33 16-0310	EA	Device Mounting Plate (Wiremold 6S2) Note: Receptacle opening 1 9/16". For 6" poke-thru units only.	20.47	6.04
26 05 33 16-0311	EA	Device Mounting Plate (Wiremold 6SER) Note: Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others.	20.18	6.04
26 05 33 16-0312	EA	Device Mounting Plate (Wiremold 6TRAC) Note: Device plate that will accept up to eight (8) Ortronics® TracJack devices. For use in the center compartment only. Devices supplied by others.	20.18	6.04
26 05 33 16-0313	EA	20 Amperes, Duplex Receptacles (Wiremold 68REC) Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.	48.94	9.07
26 05 33 16-0314	EA	Device Mounting Plate (Wiremold 68B) Note: Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used.	18.44	6.04
26 05 33 16-0315	EA	Device Mounting Plate (Wiremold 68MAAP) Note: Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others.	18.92	6.04
26 05 33 16-0316	EA	20 Amperes, Duplex Receptacles (Wiremold 68REC-25) Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated	154.98	10.88
26 05 33 16-0317	EA	Device Mounting Plate (Wiremold 682A) Note: Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others.	24.03	6.04
26 05 33 16-0318	EA	Bottom Housing Assembly (Wiremold 5PTHA) Note: Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only.	25.05	6.04
26 05 33 16-0319	EA	Bottom Housing Assembly (Wiremold 5BLH) Note: Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" and 8" poke-thru devices.	25.78	6.04
26 05 33 16-0320	EA	Bottom Housing Assembly (Wiremold 152CHA) Note: One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCFF). Covers the center compartment and one of the side compartments.	39.42	12.10
26 05 33 16-0321	EA	Bottom Housing Assembly (Wiremold 575CHA) Note: Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only.	45.09	15.12
26 05 33 16-0322	EA	Bottom Housing Assembly (Wiremold 175CHA) Note: One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections.	49.82	15.12

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26 05 33 16-0323	EA	Bottom Housing Assembly (Wiremold 1125CHA) Note: One-gang 1 1/4" trade size conduit housing assembly.	37.82	12.10
26 05 33 16-0324	EA	Bottom Housing Assembly (Wiremold 1PTHA) Note: One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required.	24.88	6.04
26 05 33 16-0325	EA	Bottom Housing Assembly (Wiremold 1BLH) Note: One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required.	24.88	6.04
26 05 33 16-0326	EA	Bottom Housing Assembly (Wiremold 15FFHA) Note: One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units.	26.24	6.04
26 05 33 16-0327	EA	Bottom Housing Assembly (Wiremold 1BHA) Note: One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates.	27.16	6.04
26 05 33 16-0328		Evolution 8AT Poke Thru Units *(26 05 33 16-0284)* Note: Excludes concrete drilling.		
26 05 33 16-0329	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 8ATCP) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,173.44	48.38
26 05 33 16-0330	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8ATP) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,116.70	48.38
26 05 33 16-0331	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8AT2P) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,186.28	48.38
26 05 33 16-0332	EA	Recessed Assembly With Surface Style Cover (Wiremold 8ATC) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,106.03	48.38
26 05 33 16-0333	EA	Recessed Assembly With Flush Style Cover (Wiremold 8AT) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,095.90	48.38
26 05 33 16-0334	EA	Recessed Assembly With Disposable Plate (Wiremold 8STC) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	660.93	45.36
26 05 33 16-0335	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 8STCP) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	740.85	45.36
26 05 33 16-0336	EA	8" Pre-Pour Poke-Thru Sleeve (Wiremold 8PPS) Note: Nonmetallic sleeve attaches to structural decking and maintains 8"-8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	186.91	24.19
26 05 33 16-0337	EA	Surface Style Cover Assembly (Wiremold 8CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies.	390.10	12.10
26 05 33 16-0338	EA	Flush Style Cover Assembly (Wiremold 8CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim.	390.10	12.10
26 05 33 16-0339	EA	Tile Shim (Wiremold 8TS) Note: Used for floor coverings greater than 5/16". The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" [9.5mm] of adjustment.	67.54	3.03
26 05 33 16-0340	EA	Device Mounting Plate (Wiremold 8B) Note: Singlegang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used.	21.65	6.04
26 05 33 16-0341	EA	Device Mounting Plate (Wiremold 8DP) Note: Singlegang device plate that accepts standard 20 amperes duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	21.78	6.04
26 05 33 16-0342	EA	Device Mounting Plate (Wiremold 8DEC) Note: Singlegang device plate that will accept Decorator style devices such as 20 amperes receptacles, GGCIs, 106 adapters or A/V devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	21.92	6.04
26 05 33 16-0343	EA	Device Mounting Plate (Wiremold 8ACT6A) Note: Singlegang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	25.47	6.04
26 05 33 16-0344	EA	Mosaic Mounting Plate (Wiremold 8MOS) Note: Device plate accepts three (3) standard Mosaic devices. Devices supplied by others.	30.92	6.04
26 05 33 16-0345	EA	Crestron Double Gang Plate (Wiremold 8CREST) Note: Device plate accepts Crestron double-gang decorator style devices.	30.87	6.04
26 05 33 16-0346	EA	Device Mounting Plate (Wiremold 8S1) Note: Receptacle opening 1 3/8". For 8" poke-thru units only.	20.99	6.04
26 05 33 16-0347	EA	Device Mounting Plate (Wiremold 8S2) Note: Receptacle opening 1 9/16". For 8" poke-thru units only.	21.26	6.04
26 05 33 16-0348	EA	Device Mounting Plate (Wiremold 8TRAC) Note: Singlegang device plate that will accept up to six (6) Ortronics TracJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	20.99	6.04

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0349		EA	Device Mounting Plate (Wiremold 8SER) Note: Singlegang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	20.99	6.04
26 05 33 16-0350		EA	Device Mounting Plate (Wiremold 8MAAP) Note: Singlegang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	30.43	6.04
26 05 33 16-0351		EA	Device Mounting Plate (Wiremold 8AAP) Note: Twogang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others.	25.31	6.04
26 05 33 16-0352		EA	8" Divider (Wiremold 8DIV) Note: Divider allows for separation of services when required.	29.23	6.04
26 05 33 16-0353		EA	Bottom Housing Assembly (Wiremold 22CHA) Note: Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units.	39.42	12.10

26 05 33 23 Surface Raceways for Electrical Systems *(26 05 33)*

26 05 33 23-0001 Raceways *(26 05 33 23)*

26 05 33 23-0002 Wireway With Screw Cover *(26 05 33 23-0001)*

Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface.

26 05 33 23-0003 2-1/2" x 2-1/2", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0004	LF		2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover	27.29	5.52
			For Combination Hinged Screw Cover, Add	*0.81*	
			For Concrete Or Masonry Surface, Add	*0.55*	
26 05 33 23-0005	EA		2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover	22.46	8.29
			For Combination Hinged Screw Cover, Add	*0.29*	
26 05 33 23-0006	EA		2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover	26.55	10.34
			For Combination Hinged Screw Cover, Add	*0.29*	
26 05 33 23-0007	EA		2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover	55.94	19.34
			For Combination Hinged Screw Cover, Add	*0.86*	
26 05 33 23-0008	EA		2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover	90.32	19.34
			For Combination Hinged Screw Cover, Add	*2.58*	
26 05 33 23-0009	EA		2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover	133.81	27.52
			For Combination Hinged Screw Cover, Add	*3.94*	
26 05 33 23-0010	EA		2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover	150.22	30.39
			For Combination Hinged Screw Cover, Add	*4.47*	

26 05 33 23-0011 4" x 4", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0012	LF		4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover	33.42	6.96
			For Combination Hinged Screw Cover, Add	*0.98*	
			For Concrete Or Masonry Surface, Add	*0.69*	
26 05 33 23-0013	LF		4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover	60.09	6.96
			For Combination Hinged Screw Cover, Add	*2.31*	
			For Concrete Or Masonry Surface, Add	*0.69*	
26 05 33 23-0014	EA		4" x 4", End Plate For Surface Mounted Wireway With Screw Cover	18.29	6.08
			For Combination Hinged Screw Cover, Add	*0.31*	
26 05 33 23-0015	EA		4" x 4", Coupling For Surface Mounted Wireway With Screw Cover	29.35	11.60
			For Combination Hinged Screw Cover, Add	*0.31*	
26 05 33 23-0016	EA		4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover	66.05	23.65
			For Combination Hinged Screw Cover, Add	*0.94*	
26 05 33 23-0017	EA		4" x 4", Elbow For Surface Mounted Wireway With Screw Cover	103.86	23.65
			For Combination Hinged Screw Cover, Add	*2.83*	
26 05 33 23-0018	EA		4" x 4", Tee For Surface Mounted Wireway With Screw Cover	147.12	30.72
			For Combination Hinged Screw Cover, Add	*4.28*	
26 05 33 23-0019	EA		4" x 4", Cross For Surface Mounted Wireway With Screw Cover	169.94	35.91
			For Combination Hinged Screw Cover, Add	*4.91*	

26 05 33 23-0020 6" x 6", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0021	LF		6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover	49.98	8.29
			For Combination Hinged Screw Cover, Add	*1.67*	
			For Concrete Or Masonry Surface, Add	*0.83*	
26 05 33 23-0022	LF		6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover	96.75	8.29
			For Combination Hinged Screw Cover, Add	*4.01*	
			For Concrete Or Masonry Surface, Add	*0.83*	
26 05 33 23-0023	EA		6" x 6", End Plate For Surface Mounted Wireway With Screw Cover	23.15	6.63
			For Combination Hinged Screw Cover, Add	*0.49*	
26 05 33 23-0024	EA		6" x 6", Coupling For Surface Mounted Wireway With Screw Cover	37.51	13.82
			For Combination Hinged Screw Cover, Add	*0.49*	
26 05 33 23-0025	EA		6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover	93.34	27.52
			For Combination Hinged Screw Cover, Add	*1.92*	
26 05 33 23-0026	EA		6" x 6", Elbow For Surface Mounted Wireway With Screw Cover	133.26	27.52
			For Combination Hinged Screw Cover, Add	*3.92*	
26 05 33 23-0027	EA		6" x 6", Tee For Surface Mounted Wireway With Screw Cover	209.42	34.37
			For Combination Hinged Screw Cover, Add	*7.04*	
26 05 33 23-0028	EA		6" x 6", Cross For Surface Mounted Wireway With Screw Cover	226.98	39.78
			For Combination Hinged Screw Cover, Add	*7.37*	

26 05 33 23-0029 8" x 8", Wireway With Screw Cover *(26 05 33 23-0002)*

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26 05 33 23-0030	LF	8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover	80.65	9.06
		For Combination Hinged Screw Cover, Add	*3.13*	
		For Concrete Or Masonry Surface, Add	*0.90*	
26 05 33 23-0031	LF	8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover	147.25	9.06
		For Combination Hinged Screw Cover, Add	*6.46*	
		For Concrete Or Masonry Surface, Add	*0.90*	
26 05 33 23-0032	EA	8" x 8", End Plate For Surface Mounted Wireway With Screw Cover	25.49	7.18
		For Combination Hinged Screw Cover, Add	*0.56*	
26 05 33 23-0033	EA	8" x 8", Coupling For Surface Mounted Wireway With Screw Cover	40.96	14.92
		For Combination Hinged Screw Cover, Add	*0.56*	
26 05 33 23-0034	EA	8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover	104.15	30.28
		For Combination Hinged Screw Cover, Add	*2.18*	
26 05 33 23-0035	EA	8" x 8", Elbow For Surface Mounted Wireway With Screw Cover	168.99	30.28
		For Combination Hinged Screw Cover, Add	*5.42*	
26 05 33 23-0036	EA	8" x 8", Tee For Surface Mounted Wireway With Screw Cover	251.85	37.36
		For Combination Hinged Screw Cover, Add	*8.86*	
26 05 33 23-0037	EA	8" x 8", Cross For Surface Mounted Wireway With Screw Cover	351.60	45.31
		For Combination Hinged Screw Cover, Add	*13.05*	
26 05 33 23-0038		**10" x 10", Wireway With Screw Cover** *(26 05 33 23-0002)*		
26 05 33 23-0039	LF	10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover	117.08	10.50
		For Combination Hinged Screw Cover, Add	*4.80*	
		For Concrete Or Masonry Surface, Add	*1.05*	
26 05 33 23-0040	LF	10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover	207.21	10.50
		For Combination Hinged Screw Cover, Add	*9.31*	
		For Concrete Or Masonry Surface, Add	*1.05*	
26 05 33 23-0041	EA	10" x 10", End Plate For Surface Mounted Wireway With Screw Cover	35.67	8.29
		For Combination Hinged Screw Cover, Add	*0.96*	
26 05 33 23-0042	EA	10" x 10", Coupling For Surface Mounted Wireway With Screw Cover	52.25	16.57
		For Combination Hinged Screw Cover, Add	*0.96*	
26 05 33 23-0043	EA	10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover	138.93	32.93
		For Combination Hinged Screw Cover, Add	*3.65*	
26 05 33 23-0044	EA	10" x 10", Elbow For Surface Mounted Wireway With Screw Cover	267.55	32.93
		For Combination Hinged Screw Cover, Add	*10.08*	
26 05 33 23-0045	EA	10" x 10", Tee For Surface Mounted Wireway With Screw Cover	404.63	41.55
		For Combination Hinged Screw Cover, Add	*16.08*	
26 05 33 23-0046	EA	10" x 10", Cross For Surface Mounted Wireway With Screw Cover	577.24	46.96
		For Combination Hinged Screw Cover, Add	*24.17*	
26 05 33 23-0047		**12" x 12", Wireway With Screw Cover** *(26 05 33 23-0002)*		
26 05 33 23-0048	LF	12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover	137.49	12.71
		For Combination Hinged Screw Cover, Add	*5.60*	
		For Concrete Or Masonry Surface, Add	*1.27*	
26 05 33 23-0049	LF	12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover	228.06	12.71
		For Combination Hinged Screw Cover, Add	*10.13*	
		For Concrete Or Masonry Surface, Add	*1.27*	
26 05 33 23-0050	EA	12" x 12", End Plate For Surface Mounted Wireway With Screw Cover	46.87	8.84
		For Combination Hinged Screw Cover, Add	*1.46*	
26 05 33 23-0051	EA	12" x 12", Coupling For Surface Mounted Wireway With Screw Cover	64.55	17.68
		For Combination Hinged Screw Cover, Add	*1.46*	
26 05 33 23-0052	EA	12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover	182.21	35.91
		For Combination Hinged Screw Cover, Add	*5.52*	
26 05 33 23-0053	EA	12" x 12", Elbow For Surface Mounted Wireway With Screw Cover	352.54	35.91
		For Combination Hinged Screw Cover, Add	*14.04*	
26 05 33 23-0054	EA	12" x 12", Tee For Surface Mounted Wireway With Screw Cover	454.65	44.20
		For Combination Hinged Screw Cover, Add	*18.31*	
26 05 33 23-0055	EA	12" x 12", Cross For Surface Mounted Wireway With Screw Cover	740.71	49.73
		For Combination Hinged Screw Cover, Add	*32.06*	
26 05 33 23-0056		**Surface Metal Raceways** *(26 05 33 23-0001)*		
		Note: Exposed on flat wall surface.		
26 05 33 23-0057		**One Piece Surface Metal Raceways** *(26 05 33 23-0056)*		
		Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 05 33 23-0058		**3/4" x 17/32" One Piece Surface Metal Raceways (Wiremold #500)** *(26 05 33 23-0057)*		
		Note: Available in ivory.		
26 05 33 23-0059	LF	3/4" x 17/32" One Piece Surface Metal Raceway (Wiremold #500)	5.01	1.65
		For Concrete Or Masonry Surface, Add	*0.17*	
26 05 33 23-0060	EA	Bushing (Wiremold #502)	4.83	2.21
26 05 33 23-0061	EA	One Or Two Hole Strap (Wiremold #504)	4.88	2.21
26 05 33 23-0062	EA	Connection Cover (Wiremold #506)	5.07	2.21
26 05 33 23-0063	EA	Flat 90 Degree Elbow (Wiremold #511)	7.81	2.66
26 05 33 23-0064	EA	Flat 45 Degree Elbow (Wiremold #512)	13.24	2.77
26 05 33 23-0065	EA	Adjustable Internal Elbow (Wiremold #517)	9.74	3.32
26 05 33 23-0066	EA	Adjustable External Elbow (Wiremold #518)	9.51	3.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0067		3/4" x 21/32" One Piece Surface Metal Raceways (Wiremold #700) *(26 05 33 23-0057)*		
		Note: Available in ivory and white.		
26 05 33 23-0068	LF	3/4" x 21/32" One Piece Surface Metal Raceway (Wiremold #700)	6.29	2.21
		For Concrete Or Masonry Surface, Add	*0.22*	
26 05 33 23-0069	EA	Bushing (Wiremold #702)	4.95	2.21
26 05 33 23-0070	EA	One Or Two Hole Strap (Wiremold #704)	5.11	2.21
26 05 33 23-0071	EA	Connection Cover (Wiremold #706)	5.15	2.21
26 05 33 23-0072	EA	Flat 90 Degree Elbow (Wiremold #711)	11.40	4.42
26 05 33 23-0073	EA	Flat 45 Degree Elbow (Wiremold #712)	18.18	4.42
26 05 33 23-0074	EA	Adjustable Internal Elbow (Wiremold #717)	12.32	4.42
26 05 33 23-0075	EA	Adjustable External Elbow (Wiremold #718)	11.89	4.42
26 05 33 23-0076		One Piece Surface Metal Raceways Fittings (Wiremold #500 And 700 Fittings) *(26 05 33 23-0057)*		
		Note: Available in ivory.		
26 05 33 23-0077	EA	18" Flex Fitting, For #500 Or 700 (Wiremold #5700F)	35.03	3.32
26 05 33 23-0078	EA	Galvanized Coupling For #500 Or 700 (Wiremold #5701)	5.09	2.21
26 05 33 23-0079	EA	Supporting Clip, For #500 Or 700 (Wiremold #5703)	5.09	2.21
26 05 33 23-0080	EA	Ground Clamp (Wiremold #5709)	15.08	3.32
26 05 33 23-0081	EA	Grounding Connector (Wiremold #5709GC)	12.68	3.32
26 05 33 23-0082	EA	L Or R (Left Or Right) Twisted Internal Ell (Wiremold #5711)	14.34	4.42
26 05 33 23-0083	EA	Tee (Wiremold #5715)	16.07	5.52
26 05 33 23-0084	EA	2-1/2" x 2-3/8" x 2-1/2" Corner Box (Wiremold #5719)	28.49	4.42
26 05 33 23-0085	EA	Utility Box For #500 Or #700 (Wiremold #57242)	21.82	4.42
26 05 33 23-0086	EA	2-3/8" Diameter, Blank Cover (Wiremold #5731)	11.68	2.77
26 05 33 23-0087	EA	3" Diameter, Outlet Box (Wiremold #5733)	27.12	4.42
26 05 33 23-0088	EA	4-3/4" Square x 1-3/8" Deep, Distribution Box (Wiremold #5735)	27.01	4.42
26 05 33 23-0089	EA	4-3/8" Blank Cover (Wiremold #5736)	12.40	2.77
26 05 33 23-0090	EA	4-3/4" Diameter, Extension Box/Open Base (Wiremold #5737)	24.50	4.42
26 05 33 23-0091	EA	5-1/2" Diameter, Extension Box/Open Base (Wiremold #5737A)	23.63	4.42
26 05 33 23-0092	EA	4-3/4" Diameter, Fixture Box/Solid Base (Wiremold #5738)	23.83	4.42
26 05 33 23-0093	EA	5-1/2" Diameter, Fixture Box/Solid Base (Wiremold #5738A)	23.83	4.42
26 05 33 23-0094	EA	5-1/2" Diameter, Fan Box/Solid Base (Wiremold #5738AF)	27.01	4.42
26 05 33 23-0095	EA	6-3/8" Diameter, Fixture Box/Solid Base (Wiremold #5739)	26.68	4.42
26 05 33 23-0096	EA	6-3/8" Diameter, Extension Box/Open Base (Wiremold #5739A)	28.50	4.42
26 05 33 23-0097	EA	Standard Switch Box For #500, Or #700 (Wiremold #57240)	31.89	7.18
26 05 33 23-0098	EA	Duplex Receptacle And Box, Ground, For #500 Or #700 (Wiremold #57243G)	50.19	13.82
26 05 33 23-0099	EA	2-13/16" x 4-5/8" x 1-3/8" Switch And Receptacle Box For Shallow Type Switches (Wiremold #5741)	23.88	7.18
26 05 33 23-0100	EA	1 Gang, 4-5/8" x 2-7/8" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744)	38.32	7.18
26 05 33 23-0101	EA	2 Gang, 4-3/4" x 4-3/4" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-2)	44.06	7.18
26 05 33 23-0102	EA	3 Gang, 4-5/8" x 6-1/2" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-3)	67.36	7.18
26 05 33 23-0103	EA	1 Gang, Signal Box (Wiremold #5744S)	34.77	6.08
26 05 33 23-0104	EA	2 Gang, Signal Box (Wiremold #5744S-2)	38.90	6.08
26 05 33 23-0105	EA	3 Gang, Signal Box (Wiremold #5744S-3)	62.85	6.08
26 05 33 23-0106	EA	4-5/8" x 2-7/8" x 1-3/4" Combination Switch And Receptacle Box With 1/2" KO's (Wiremold #5745)	24.98	7.18
26 05 33 23-0107	EA	4-5/8" x 2-7/8" x 1-3/8", 1 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747)	21.85	7.18
26 05 33 23-0108	EA	4-3/4" x 4-3/4" x 1-3/8", 2 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-2)	31.11	7.18
26 05 33 23-0109	EA	4-5/8" x 6-1/2" x 2-3/4", 3 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-3)	61.40	7.18
26 05 33 23-0110	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748)	23.42	7.18
26 05 33 23-0111	EA	4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-2)	32.99	7.18
26 05 33 23-0112	EA	4-5/8" x 6-1/2" x 1-3/4", 3 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-3)	59.66	7.18
26 05 33 23-0113	EA	4-5/8" x 8-11/32" x 1-3/4", 4 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-4)	88.99	7.18
26 05 33 23-0114	EA	4-5/8" x 10-5/32" x 1-3/4", 5 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-5)	147.33	7.18
26 05 33 23-0115	EA	4-5/8" x 11-31/32" x 1-3/4", 6 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-6)	149.94	7.18
26 05 33 23-0116	EA	4-3/8" x 2-7/8" x 15/16" Shallow Switch And Receptacle Box For Shallow Duplex Devices (Wiremold #5748-S)	23.12	7.18
26 05 33 23-0117	EA	4-5/8" x 2-7/8" x 15/16", 1 Gang, Flush-Type Extension Adapter (Wiremold #5751)	22.45	7.18
26 05 33 23-0118	EA	4-3/4" x 4-3/4" x 15/16", 2 Gang, Flush-Type Extension Adapter (Wiremold #5751-2)	30.17	7.18
26 05 33 23-0119	EA	4-5/8" x 6-1/2" x 15/16", 3 Gang, Flush-Type Extension Adapter (Wiremold #5751-3)	60.24	7.18
26 05 33 23-0120	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Deep Flush-Type Extension Adapter (Wiremold #5751A)	24.35	7.18
26 05 33 23-0121	EA	4-11/16" x 4-11/16" x 1-3/8", 2 Gang, Alarm Device Box (Wiremold #5752)	31.79	7.18
26 05 33 23-0122	EA	4-11/16" x 4-11/16" x 2-3/4", 2 Gang, Extra Deep Alarm Device Box (Wiremold #5753)	46.22	7.18
26 05 33 23-0123	EA	Blank Extension Box (Wiremold #5760)	16.02	2.77
26 05 33 23-0124	EA	1/2" Special Nipple (Wiremold #5780)	15.24	2.77
26 05 33 23-0125	EA	1/2" Box Connector (Wiremold #5781)	10.02	2.77
26 05 33 23-0126	EA	3/4" Box Connector (Wiremold #5781A)	19.15	3.32
26 05 33 23-0127	EA	1/2" Conduit Connector (Wiremold #5782)	10.11	2.77
26 05 33 23-0128	EA	3/4" Conduit Connector (Wiremold #5782A)	24.10	3.32
26 05 33 23-0129	EA	1/2" Elbow Conduit Connector (Wiremold #5784)	21.55	3.32
26 05 33 23-0130	EA	Combination Connector, To Any 3-1/4" Or 4" Outlet Box (Wiremold #5785)	11.79	3.32
26 05 33 23-0131	EA	Offset Connector (Wiremold #5786)	19.97	3.32
26 05 33 23-0132	EA	Armor Cable Connector (Wiremold #5790B)	10.27	2.77
26 05 33 23-0133	EA	1/2" Electrical Metallic Tubing (EMT) Connector, For #500 Or 700 (Wiremold #5791)	9.12	2.21
26 05 33 23-0134		1-9/16" x 11/32" One Piece Surface Metal Raceways (Wiremold #1500) *(26 05 33 23-0057)*		
		Note: Galvanized finish.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0135	LF	1-9/16" x 11/32" One Piece Surface Metal Raceway (Wiremold #1500-10)	9.11	2.77
		For Concrete Or Masonry Surface, Add	*0.28*	
26 05 33 23-0136	EA	Wire Clip (Wiremold #1500WC)	5.61	2.21
26 05 33 23-0137	EA	Bushing (Wiremold #1502)	6.62	2.77
26 05 33 23-0138	EA	2-Hole Strap (Wiremold #1504)	7.47	3.32
26 05 33 23-0139	EA	Flat Elbow (Wiremold #1511)	29.21	10.50
26 05 33 23-0140	EA	Internal Elbow (Wiremold #1517)	30.23	10.50
26 05 33 23-0141	EA	Adapter Fitting (Wiremold #1517B)	32.60	10.50
26 05 33 23-0142	EA	External Elbow (Wiremold #1518)	32.40	10.50
26 05 33 23-0143	EA	Utility Box (Wiremold #1528)	29.57	7.18
26 05 33 23-0144	EA	Junction Box (Wiremold #1542D)	30.52	7.18
26 05 33 23-0145	EA	Duplex Receptacle (Wiremold #1543GL)	59.85	13.82
26 05 33 23-0146	EA	Single Receptacle Box (Wiremold #1546A)	31.46	7.18
26 05 33 23-0147	EA	Duplex Receptacle Box (Wiremold #1546B)	38.69	7.18
26 05 33 23-0148	EA	Telephone Box (Wiremold #1546T)	37.94	7.18
26 05 33 23-0149	EA	Combination Connection (Wiremold #1585)	18.35	3.32
26 05 33 23-0150		2-7/32" x 28/32" One Piece Surface Metal Raceways (Wiremold #2600) *(26 05 33 23-0057)*		
		Note: Galvanized finish.		
26 05 33 23-0151	LF	2-7/32" x 28/32" One Piece Surface Metal Raceway (Wiremold #2600-10)	15.72	4.97
		For Concrete Or Masonry Surface, Add	*0.50*	
26 05 33 23-0152	EA	Wire Clip (Wiremold #2600WC)	5.81	2.21
26 05 33 23-0153	EA	Fiber Bushing (Wiremold #2602)	6.58	2.21
26 05 33 23-0154	EA	2-5/8", 90 Degree Flat Elbow (Wiremold #2611)	25.01	3.87
26 05 33 23-0155	EA	5" Diameter, Junction Box (Wiremold #2642D)	37.52	5.52
26 05 33 23-0156	EA	Service Fitting (Wiremold #2686FO)	36.36	6.63
26 05 33 23-0157		Two Piece Surface Metal Raceways *(26 05 33 23-0056)*		
		Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 05 33 23-0158		1-9/32" x 3/4" Two Piece Surface Metal Raceways (Wiremold #2000) *(26 05 33 23-0157)*		
26 05 33 23-0159	LF	1-9/32" x 3/4" Two Piece Surface Metal Raceway Base And Cover (Wiremold #2000BC)	9.03	2.77
		For Concrete Or Masonry Surface, Add	*0.28*	
26 05 33 23-0160	EA	Wire Clip (Wiremold #2000WC)	4.22	2.21
26 05 33 23-0161	EA	Coupling (Wiremold #2001)	11.08	2.77
26 05 33 23-0162	EA	Supporting Clip (Wiremold #2003)	5.61	1.65
26 05 33 23-0163	EA	Cover Clip (Wiremold #2006)	5.17	1.65
26 05 33 23-0164	EA	Ground Clamp (Wiremold #2009)	13.88	2.77
26 05 33 23-0165	EA	Entrance End Fitting (Wiremold #2010A2)	26.58	8.29
26 05 33 23-0166	EA	Entrance End Fitting (Wiremold #2010A3)	46.45	11.05
26 05 33 23-0167	EA	Blank End Fitting (Wiremold #2010B)	6.87	2.77
26 05 33 23-0168	EA	Flat 90 Degree Elbow (Wiremold #2011)	22.84	7.18
26 05 33 23-0169	EA	Tee (Wiremold #2015)	42.76	10.39
26 05 33 23-0170	EA	Internal Corner Coupling (Wiremold #2017TC)	14.36	5.52
26 05 33 23-0171	EA	Single Gang Device Box (Wiremold #2048)	34.88	9.83
26 05 33 23-0172	EA	2-Gang device Box (Wiremold #2048-2)	56.48	10.94
26 05 33 23-0173	EA	Flush Plate Adapter (Wiremold #2051H)	37.71	10.94
26 05 33 23-0174	EA	Side Reducing Connector (Wiremold #2089)	32.24	5.52
26 05 33 23-0175	EA	#2089E End Reducing Connector	13.14	2.77
26 05 33 23-0176		1-7/8" x 7/8" Two Piece Surface Metal Raceways (Wiremold #2400) *(26 05 33 23-0157)*		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0177	LF	1-7/8" x 7/8" Two Piece Surface Metal Raceway Base (Wiremold #2400B)	7.56	2.77
		For Concrete Or Masonry Surface, Add	*0.28*	
26 05 33 23-0178	LF	1-7/8" x 7/8" Divided Two Piece Surface Metal Raceway Base (Wiremold #2400BD)	8.37	2.77
		For Concrete Or Masonry Surface, Add	*0.28*	
26 05 33 23-0179	LF	Raceway Cover (Wiremold #2400C)	3.18	0.55
26 05 33 23-0180	EA	Wire Clip (Wiremold #2400WC)	4.21	2.21
26 05 33 23-0181	EA	Coupling (Wiremold #2401)	10.96	2.77
26 05 33 23-0182	EA	Divided Raceway Coupling (Wiremold #2401D)	9.42	2.77
26 05 33 23-0183	EA	Cover Clip (Wiremold #2406)	5.18	1.65
26 05 33 23-0184	EA	Device Bracket Frame (Wiremold #2407-2CM)	39.75	8.29
26 05 33 23-0185	EA	Device Bracket Frame (Wiremold #2407-2TJ)	37.97	8.29
26 05 33 23-0186	EA	Ground Clamp (Wiremold #2409)	10.56	2.21
26 05 33 23-0187	EA	End Fitting (Wiremold #2410A)	25.24	8.29
26 05 33 23-0188	EA	Blank End (Wiremold #2410B)	6.92	2.77
26 05 33 23-0189	EA	Divided Blank End Fitting (Wiremold #2410BD)	7.02	2.77
26 05 33 23-0190	EA	Entrance End Fitting (Wiremold #2410C)	39.58	8.29
26 05 33 23-0191	EA	Divided Entrance End Fitting (Wiremold #2410D)	37.86	8.29
26 05 33 23-0192	EA	Divided Entrance End Fitting (Wiremold #2410DFO)	63.55	8.29
26 05 33 23-0193	EA	Full Cap Entrance End Fitting (Wiremold #2410FC)	48.14	8.29
26 05 33 23-0194	EA	Divided Flat 90 Degree Elbow (Wiremold #2411D)	28.57	8.29
26 05 33 23-0195	EA	Radiused Divided Flat 90 Degree Elbow (Wiremold #2411DFO)	47.18	8.29
26 05 33 23-0196	EA	Radiused Flat 90 Degree Elbow (Wiremold #2411FO)	42.03	8.18
26 05 33 23-0197	EA	Flat 90 Degree Elbow (Wiremold #2411M)	27.13	8.29
26 05 33 23-0198	EA	Radiused Divided Tee (Wiremold #2415DFO)	50.81	8.18

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0199	EA	Radiused Tee (Wiremold #2415FO)	48.20	8.18
26 05 33 23-0200	EA	Tee (Wiremold #2415M)	32.62	8.18
26 05 33 23-0201	EA	Divided Internal Coupling (Wiremold #2417D)	26.82	8.18
26 05 33 23-0202	EA	Radiused Divided Internal Coupling (Wiremold #2417DFO)	43.47	8.18
26 05 33 23-0203	EA	Radiused Internal Coupling (Wiremold #2417FO)	42.11	8.18
26 05 33 23-0204	EA	Internal Coupling (Wiremold #2417M)	25.91	8.18
26 05 33 23-0205	EA	Radiused Divided External Coupling (Wiremold #2418DFO)	47.47	8.18
26 05 33 23-0206	EA	Radiused External Coupling (Wiremold #2418FO)	46.66	8.18
26 05 33 23-0207	EA	External Coupling (Wiremold #2418M)	32.02	8.18
26 05 33 23-0208	EA	1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444)	43.26	7.18
26 05 33 23-0209	EA	2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444-2)	48.27	7.18
26 05 33 23-0210	EA	Over Raceway, Extra Deep Switch And Receptacle Box, 2 Gang (Wiremold #2444-2LS)	48.52	7.18
26 05 33 23-0211	EA	Divided, 1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444D)	46.41	7.18
26 05 33 23-0212	EA	Divided, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2A)	66.38	7.18
26 05 33 23-0213	EA	Divided, Over Raceway, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2N)	58.17	7.18
26 05 33 23-0214	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448)	29.66	7.18
26 05 33 23-0215	EA	4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448-2)	47.16	7.18
26 05 33 23-0216	EA	Device Bracket Type Adapter Plate (Wiremold #2450)	14.32	2.77
26 05 33 23-0217	EA	4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #2451H)	33.43	8.29
26 05 33 23-0218	EA	Bridge Fitting For 2400/700/500 (Wiremold #2475D)	104.44	8.29
26 05 33 23-0219	EA	Side Reducing Connector (Wiremold #2489)	29.79	4.42

26 05 33 23-0220 2-3/4" x 1-17/32" Two Piece Surface Metal Raceways (Wiremold #3000) *(26 05 33 23-0157)*

Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0221	LF	2-3/4" x 1-17/32" Two Piece Surface Metal Raceway Base (Wiremold #3000B)	14.30	4.97
		For Concrete Or Masonry Surface, Add	*0.50*	
26 05 33 23-0222	LF	Raceway Cover (Wiremold #3000CE)	3.36	0.55
26 05 33 23-0223	EA	Wire Clips For Conductors (Wiremold #3000WC)	5.45	2.21
26 05 33 23-0224	EA	Couplings (Wiremold #3001)	14.12	2.21
26 05 33 23-0225	EA	Rigid Inside Coupling (Wiremold #3001A)	13.87	2.77
26 05 33 23-0226	EA	Supporting Clip (Wiremold #3003)	10.27	2.77
26 05 33 23-0227	EA	Clip Cover (Wiremold #3006E)	5.92	2.21
26 05 33 23-0228	EA	Device Brackets (Wiremold #3007C)	15.27	4.42
26 05 33 23-0229	EA	C-Hanger (Wiremold #3008C)	15.13	3.32
26 05 33 23-0230	EA	Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors (Wiremold #3010AE)	35.39	10.50
26 05 33 23-0231	EA	Blank End Fittings (Wiremold #3010B)	12.98	4.42
26 05 33 23-0232	EA	Entrance End Fitting For Connecting To Rigid Or Flexible Conduit (Wiremold #3010C)	39.14	10.50
26 05 33 23-0233	EA	Flat 90 Degree Elbow (Wiremold #3011E)	58.72	13.70
26 05 33 23-0234	EA	Wall Box Connector (Wiremold #3014C)	42.10	13.82
26 05 33 23-0235	EA	Tee Fitting (Wiremold #3015E)	80.64	17.12
26 05 33 23-0236	EA	Internal Corner Coupling (Wiremold #3017TCE)	38.25	10.50
26 05 33 23-0237	EA	External Corner (Wiremold #3018AE)	47.07	10.50
26 05 33 23-0238	EA	Single Receptacle Cover With Face Diameters Of 1.38"-1.4" (Wiremold #3027AE)	33.75	10.50
26 05 33 23-0239	EA	Utility Box (Wiremold #3028)	56.82	10.50
26 05 33 23-0240	EA	Single Receptacle Cover With Face Diameters Of 1.56"-1.57" (Wiremold #3033JE)	18.31	2.77
26 05 33 23-0241	EA	Blank Cover (Wiremold #3036HE)	20.02	2.77
26 05 33 23-0242	EA	Switch Cover (Wiremold #3040CE)	18.26	2.77
26 05 33 23-0243	EA	Duplex Receptacle Cover (Wiremold #3043BE)	21.14	3.32
26 05 33 23-0244	EA	15 Amperes, 125 Volt Duplex Grounding Receptacle And Cover (Wiremold #3043GE)	55.34	14.37
26 05 33 23-0245	EA	2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #3044-2)	63.92	10.50
26 05 33 23-0246	EA	Duplex Receptacle Cover (Wiremold #3046BE)	18.42	3.32
26 05 33 23-0247	EA	Tap Off Fitting (Wiremold #3046H-2)	20.78	2.77
26 05 33 23-0248	EA	1-15/16" Deep x 6" Long, Circuit Breaker Housing (Wiremold #3046KD)	82.35	6.63
26 05 33 23-0249	EA	2-3/4" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046KTSQ)	201.81	6.63
26 05 33 23-0250	EA	1-13/16" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046QOU)	71.64	6.63
26 05 33 23-0251	EA	1-13/16" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046S)	77.57	6.63
26 05 33 23-0252	EA	1-13/32" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046U)	77.57	6.63
26 05 33 23-0253	EA	Rectangular Receptacle Cover (Wiremold #3048R)	24.56	3.32

26 05 33 23-0254 4-3/4" x 1-3/4" Two Piece Surface Metal Raceways (Wiremold #4000) *(26 05 33 23-0157)*

Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0255	LF	4-3/4" x 1-3/4" Two Piece Surface Metal Raceway Base (Wiremold #4000B-10)	17.60	4.97
		For Concrete Or Masonry Surface, Add	*0.54*	
26 05 33 23-0256	LF	Raceway Cover (Wiremold #4000C)	6.20	0.55
26 05 33 23-0257	LF	Divider (Wiremold #4000D)	3.01	0.55
26 05 33 23-0258	EA	Wire Clips For Conductors (Wiremold #4000WC)	6.75	2.77
26 05 33 23-0259	EA	Couplings (Wiremold #4001A)	17.54	3.32
26 05 33 23-0260	EA	Divider Clip (Wiremold #4001D)	8.26	3.32
26 05 33 23-0261	EA	Seam Clip (Wiremold #4006)	8.41	3.32
26 05 33 23-0262	EA	Single Device Fitting (Wiremold #4007C-1R)	35.04	7.18
26 05 33 23-0263	EA	Blank End Fittings (Wiremold #4010B)	18.64	4.42
26 05 33 23-0264	EA	Entrance End Fitting (Wiremold #4010DFO)	71.56	17.01
26 05 33 23-0265	EA	Flat 90 Degree Elbow (Wiremold #4011)	66.54	13.82
26 05 33 23-0266	EA	Radiused Flat 90 Degree Elbow (Wiremold #4011FO)	78.61	13.82
26 05 33 23-0267	EA	Internal Or External 45 Degree Elbow (Wiremold #4012TX)	72.44	17.12
26 05 33 23-0268	EA	Wall Box Connector (Wiremold #4014A)	96.58	17.12
26 05 33 23-0269	EA	Tee Fitting (Wiremold #4015)	107.17	17.12
26 05 33 23-0270	EA	Divided Tee Fitting (Wiremold #4015D)	111.43	17.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0271	EA	Radiused Full Capacity Divided Tee Fitting (Wiremold #4015DFO)	133.09	17.12
26 05 33 23-0272	EA	Radiused Tee Fitting (Wiremold #4015FO)	133.50	17.12
26 05 33 23-0273	EA	Internal Elbow (Wiremold #4017)	58.86	17.12
26 05 33 23-0274	EA	Internal Elbow (Wiremold #4017FO)	105.31	17.12
26 05 33 23-0275	EA	Inverted Internal Elbow (Wiremold #4017N)	65.25	17.12
26 05 33 23-0276	EA	Internal Corner Coupling (Wiremold #4017TCA)	55.48	17.12
26 05 33 23-0277	EA	External Elbow (Wiremold #4018)	87.88	17.12
26 05 33 23-0278	EA	Radiused External Elbow (Wiremold #4018FO)	101.99	17.12
26 05 33 23-0279	EA	Single Locking Receptacle And Two RJ11/45 Modulaular Connectors Outlet Cover (Wiremold #4046ARJ)	86.33	7.18
26 05 33 23-0280	EA	Double Duplex Receptacle Outlet Cover (Wiremold #4046B-2)	91.55	7.18
26 05 33 23-0281	EA	Duplex Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046DRJ)	91.55	7.18
26 05 33 23-0282	EA	Double Duplex Receptacle And Four RJ11/45 Modular Connector Cover (Wiremold #4046DRJ-2)	122.42	7.18
26 05 33 23-0283	EA	Tap-Off Fitting (Wiremold #4046H-2)	25.64	7.18
26 05 33 23-0284	EA	Combination Single Receptacle And Phone Outlet Center (Wiremold #4046JRJ)	78.59	3.32
26 05 33 23-0285	EA	Rectangular Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046RRJ)	93.71	7.18
26 05 33 23-0286	EA	1 Gang Device Plate (Wiremold #G4047C-1)	25.45	7.18
26 05 33 23-0287	EA	2 Gang Device Plate (Wiremold #G4047C-2)	29.71	7.18
26 05 33 23-0288	EA	Device Mounting Bracket (Wiremold #4050)	28.88	5.52
26 05 33 23-0289	EA	#4000 To #3000 Take-off Connector (Wiremold #4074A)	135.14	17.12
26 05 33 23-0290	EA	Bridge Fitting (Wiremold #4075D)	121.76	17.12
26 05 33 23-0291	EA	Bridge Fitting (Wiremold #4075DA)	121.76	17.12
26 05 33 23-0292	EA	Panel Connector (Wiremold #4086A)	97.75	32.60
26 05 33 23-0293	EA	Reducing Connector Fitting (Wiremold #4089)	60.19	17.12

26 05 33 23-0294 4-3/4" x 3-9/16" Two Piece Surface Metal Raceways (Wiremold #6000) *(26 05 33 23-0157)*

Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0295	LF	4-3/4" x 3-9/16" Two Piece Surface Metal Raceway Base (Wiremold #6000B-10)	25.19	6.08
		For Concrete Or Masonry Surface, Add	*0.61*	
26 05 33 23-0296	LF	Raceway Cover (Wiremold #6000C)	7.23	1.65
26 05 33 23-0297	LF	Divider (Wiremold #6000DA)	7.58	1.65
26 05 33 23-0298	EA	Wire Clips For Conductors (Wiremold #6000WC)	7.64	2.77
26 05 33 23-0299	EA	Couplings (Wiremold #6001A)	21.18	5.52
26 05 33 23-0300	EA	Divider Clip (Wiremold #6001D)	9.78	2.77
26 05 33 23-0301	EA	Converter Coupling (Wiremold #6001TX)	27.07	7.18
26 05 33 23-0302	EA	Connection Cover (Wiremold #6006)	25.72	7.18
26 05 33 23-0303	EA	Single Gang Device Plate (Wiremold #6007C-1)	26.95	7.18
26 05 33 23-0304	EA	Two Gang Device Plate (Wiremold #6007C-2)	29.46	7.18
26 05 33 23-0305	EA	C-Hanger (Wiremold #6008A)	42.81	10.50
26 05 33 23-0306	EA	Blank End Fittings (Wiremold #6010B)	46.50	16.57
26 05 33 23-0307	EA	Combination Flat Elbow (Wiremold #6011TX)	86.37	16.57
26 05 33 23-0308	EA	Internal-External 45 Degree Elbow (Wiremold #6012TX)	87.78	15.91
26 05 33 23-0309	EA	Connector Fitting (Wiremold #6014A)	124.91	17.12
26 05 33 23-0310	EA	Combination Internal-External Elbow (Wiremold #6017TX)	89.57	18.79
26 05 33 23-0311	EA	Circuit Breaker Housing (Wiremold #6046KD)	155.19	18.79
26 05 33 23-0312	EA	#6000 To #6000 Take-off Connector (Wiremold #6074)	149.67	16.57
26 05 33 23-0313	EA	#6000 To #4000 Take-off Connector (Wiremold #6074A)	161.85	16.57
26 05 33 23-0314	EA	Panel Connector (Wiremold #6086)	99.85	38.46

26 05 33 23-0315 Two Piece Surface Aluminum Raceways *(26 05 33 23-0056)*

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).

26 05 33 23-0316 1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceways (Wiremold #AL2000) *(26 05 33 23-0315)*

26 05 33 23-0317	LF	1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2000B)	11.74	2.77
		For Concrete Or Masonry Surface, Add	*0.28*	
26 05 33 23-0318	LF	Aluminum Raceway Cover (Wiremold #AL2000C)	6.03	0.55
26 05 33 23-0319	EA	Wire Clip (Wiremold #AL2000WC)	5.63	2.21
26 05 33 23-0320	EA	Coupling (Wiremold #AL2001)	12.14	2.77
26 05 33 23-0321	EA	Supporting Clip (Wiremold #AL2003)	6.11	1.65
26 05 33 23-0322	EA	Cover Clip (Wiremold #AL2006)	7.85	1.65
26 05 33 23-0323	EA	Ground Clamp (Wiremold #AL2009)	11.14	2.77
26 05 33 23-0324	EA	Entrance End Fitting (Wiremold #AL2010A)	31.03	8.29
26 05 33 23-0325	EA	Blank End Fitting (Wiremold #AL2010B)	10.02	2.77
26 05 33 23-0326	EA	Flat 90 Degree Elbow (Wiremold #AL2011)	36.49	7.18
26 05 33 23-0327	EA	Tee (Wiremold #AL2015)	49.33	10.39
26 05 33 23-0328	EA	Internal Corner Elbow (Wiremold #AL2017)	33.25	5.52
26 05 33 23-0329	EA	External Corner Elbow (Wiremold #AL2018)	33.17	5.52
26 05 33 23-0330	EA	2 To 15 Amperes, In-Line Receptacle (Wiremold #AL2043)	53.82	10.94
26 05 33 23-0331	EA	4-13/16" Round Fixture Box (Wiremold #AL2038)	128.02	9.83
26 05 33 23-0332	EA	4-1/2" x 3" x 2-1/4" D Box (Wiremold #AL2044)	55.74	9.83
26 05 33 23-0333	EA	4-5/8" x 4-7/8" x 2-1/2" D Box (Wiremold #AL2044-2)	117.48	10.94
26 05 33 23-0334	EA	Single Gang Shallow Device Box (Wiremold #AL2047)	57.80	9.83
26 05 33 23-0335	EA	2-Gang Shallow Device Box (Wiremold #AL2047-2)	103.58	10.94
26 05 33 23-0336	EA	Flush Plate Adapter (Wiremold #AL2051H)	43.03	10.94

26 05 33 23-0337 2" x 1-9/32" Two Piece Surface Aluminum Raceways (Wiremold #AL2400) *(26 05 33 23-0315)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0338	LF	2" x 1-9/32" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2400B)	13.30	2.77
		For Concrete Or Masonry Surface, Add	*0.28*	
26 05 33 23-0339	LF	Aluminum Raceway Cover (Wiremold #AL2400C)	6.27	0.55
26 05 33 23-0340	EA	Wire Clip (Wiremold #AL2400WC)	7.87	2.21
26 05 33 23-0341	EA	Coupling (Wiremold #AL2401)	14.26	2.77
26 05 33 23-0342	EA	Cover Clip (Wiremold #AL2406)	10.36	1.65
26 05 33 23-0343	EA	Ground Clamp (Wiremold #AL2409)	9.07	2.21
26 05 33 23-0344	EA	Blank End (Wiremold #AL2410B)	11.21	2.77
26 05 33 23-0345	EA	End Fitting (Wiremold #AL2410B2)	23.46	8.29
26 05 33 23-0346	EA	Flat 90 Degree Elbow (Wiremold #AL2411)	44.42	8.29
26 05 33 23-0347	EA	Tee (Wiremold #AL2415)	48.64	8.18
26 05 33 23-0348	EA	Fourway Fitting (Wiremold #AL2416)	57.48	8.18
26 05 33 23-0349	EA	Internal Coupling (Wiremold #AL2417)	44.27	8.18
26 05 33 23-0350	EA	External Coupling (Wiremold #AL2418)	47.82	8.18
26 05 33 23-0351	EA	4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #AL2451H)	39.42	8.29

26 05 33 23-0352 2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceways (Wiremold #AL3300) *(26 05 33 23-0315)*

26 05 33 23-0353	LF	2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL3300B)	21.80	4.97
		For Concrete Or Masonry Surface, Add	*0.50*	
26 05 33 23-0354	LF	Aluminum Raceway Cover (Wiremold #AL3300CE)	6.48	0.55
26 05 33 23-0355	LF	Raceway Divider (Wiremold #AL3300D)	5.34	4.97
26 05 33 23-0356	EA	Wire Clips For Conductors (Wiremold #AL3300WC)	10.40	2.21
26 05 33 23-0357	EA	Couplings (Wiremold #AL3301)	18.78	2.21
26 05 33 23-0358	EA	Divider Coupling (Wiremold #AL3301D)	15.72	2.77
26 05 33 23-0359	EA	Ground Clamp (Wiremold #AL3309)	10.54	2.21
26 05 33 23-0360	EA	Blank End Fittings (Wiremold #AL3310B)	21.95	4.42
26 05 33 23-0361	EA	End Fitting (Wiremold #AL3310B1)	35.43	10.50
26 05 33 23-0362	EA	Flat 90 Degree Elbow (Wiremold #AL3311)	109.00	13.70
		Note: Includes two (2) AL3301 couplings.		
26 05 33 23-0363	EA	Tee Fitting (Wiremold #AL3315)	124.95	17.12
		Note: Includes three (3) AL3301 couplings.		
26 05 33 23-0364	EA	Cross Fitting (Wiremold #AL3316)	141.47	17.12
		Note: Includes four (4) AL3301 couplings.		
26 05 33 23-0365	EA	Internal Elbow (Wiremold #AL3317)	102.29	10.50
		Note: Includes two (2) AL3301 couplings.		
26 05 33 23-0366	EA	External Elbow (Wiremold #AL3318)	102.40	10.50
		Note: Includes two (2) AL3301 couplings.		
26 05 33 23-0367	EA	Duplex Receptacle Cover (Wiremold #AL3346D)	22.63	3.32
26 05 33 23-0368	EA	Single Receptacle Cover (Wiremold #AL3346E)	22.49	3.32
26 05 33 23-0369	EA	GFCI/Surge Receptacle Cover (Wiremold #AL3346G)	22.25	3.32
26 05 33 23-0370	EA	Single Device Cover Plate (Wiremold #AL3356R)	22.30	2.77

26 05 33 23-0371 5" x 2" Two Piece Surface Aluminum Raceways (Wiremold #AL5200) *(26 05 33 23-0315)*

26 05 33 23-0372	LF	5" x 2" Two Piece Surface Aluminum Raceway Base (Wiremold #AL5200B-10)	23.74	4.97
		For Concrete Or Masonry Surface, Add	*0.54*	
26 05 33 23-0373	LF	Aluminum Raceway Cover (Wiremold #AL5200C)	9.39	0.55
26 05 33 23-0374	LF	Divider (Wiremold #AL5200D)	5.56	0.55
26 05 33 23-0375	EA	Wire Clips For Conductors (Wiremold #AL5200WC)	7.82	2.77
26 05 33 23-0376	EA	Wire Clips For Conductors (Wiremold #AL5200WC2)	6.66	2.77
26 05 33 23-0377	EA	Wire Clips For Conductors (Wiremold #AL5200WC3)	6.62	2.77
26 05 33 23-0378	EA	Couplings (Wiremold #AL5201)	15.89	3.32
26 05 33 23-0379	EA	Cover Clip (Wiremold #AL5206)	13.69	3.32
26 05 33 23-0380	EA	Ground Adapter (Wiremold #AL5209)	17.35	3.32
26 05 33 23-0381	EA	Blank End Fittings (Wiremold #AL5210B)	18.02	4.42
26 05 33 23-0382	EA	Blank End Fittings (Wiremold #AL5210B1)	19.23	4.42
26 05 33 23-0383	EA	Blank End Fittings (Wiremold #AL5210B2)	19.49	4.42
26 05 33 23-0384	EA	Blank End Fittings (Wiremold #AL5210B3)	18.95	4.42
26 05 33 23-0385	EA	Flat 90 Degree Elbow (Wiemold #AL5211)	95.73	13.82
		Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0386	EA	Wall Box Connector (Wiremold #AL5214)	77.48	17.12
26 05 33 23-0387	EA	Tee Fitting (Wiremold #AL5215)	112.35	17.12
		Note: Includes three (3) pairs of AL5201 couplings.		
26 05 33 23-0388	EA	Four Way Fitting (Wiremold #AL5216)	122.67	17.12
		Note: Includes four (4) pairs of AL5201 couplings.		
26 05 33 23-0389	EA	Internal Elbow (Wiremold #AL5217)	100.35	17.12
		Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0390	EA	Internal Corner Coupling (Wiremold #AL5217A)	46.01	17.12
26 05 33 23-0391	EA	Inverted Internal Elbow (Wiremold #AL5217N)	102.97	17.12
26 05 33 23-0392	EA	External Elbow (Wiremold #AL5218)	101.16	17.12
		Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0393	EA	Blank Device Cover Plate (Wiremold #AL5246B)	21.56	3.32
26 05 33 23-0394	EA	Receptacle Device Cover Plate (Wiremold #AL5246D)	25.34	3.32
26 05 33 23-0395	EA	Double Receptacle Device Cover Plate (Wiremold #AL5246DD)	29.86	3.32
26 05 33 23-0396	EA	Device Cover Plate (Wiremold #AL5246F)	28.07	3.32
26 05 33 23-0397	EA	Device Cover Plate (Wiremold #AL5246G)	26.01	3.32
26 05 33 23-0398	EA	Offset Divider (Wiremold #AL5260)	25.22	7.18

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0399			**3" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA3800)** *(26 05 33 23-0315)*		
	26 05 33 23-0400	LF	Single Channel, 3" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA3800B-10)	21.34	4.97
	26 05 33 23-0401	EA	Cover Clip (Wiremold #ALA3806)	10.46	3.32
	26 05 33 23-0402	EA	Blank End Fittings (Wiremold #ALA3810B)	17.87	4.42
	26 05 33 23-0403	EA	Entrance End Cap Fittings (Wiremold #ALA3810B1)	19.09	4.42
	26 05 33 23-0404	EA	Flat 90 Degree Elbow (Wiremold #ALA3811) Note: Includes two (2) ALA01 couplings.	94.78	13.82
	26 05 33 23-0405	EA	Flat Tee Fitting (Wiremold #ALA3815) Note: Includes three (3) ALA01 couplings.	98.77	17.12
	26 05 33 23-0406	EA	Internal Elbow (Wiremold #ALA3817) Note: Includes two (2) ALA01 couplings.	96.46	17.12
	26 05 33 23-0407	EA	Inverted Internal Elbow (Wiremold #ALA3817N) Note: Includes two (2) ALA01 couplings.	112.50	17.12
	26 05 33 23-0408	EA	External Elbow (Wiremold #ALA3818) Note: Includes two (2) ALA01 couplings.	97.65	17.12
26 05 33 23-0409			**6" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA4800)** *(26 05 33 23-0315)*		
	26 05 33 23-0410	LF	Two Channel, 6" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA4800B-10)	33.11	4.97
	26 05 33 23-0411	EA	Cover Clip (Wiremold #ALA4806)	14.59	3.32
	26 05 33 23-0412	EA	Blank End Fittings (Wiremold #ALA4810B)	19.13	4.42
	26 05 33 23-0413	EA	Entrance End Cap Fittings (Wiremold #ALA4810B2)	21.16	4.42
	26 05 33 23-0414	EA	Flat 90 Degree Elbow (Wiremold #ALA4811) Note: Includes four (4) ALA01 couplings.	120.60	13.82
	26 05 33 23-0415	EA	Flat Tee Fitting (Wiremold #ALA4815) Note: Includes six (6) ALA01 couplings.	164.59	17.12
	26 05 33 23-0416	EA	Internal Elbow (Wiremold #ALA4817) Note: Includes four (4) ALA01 couplings.	112.62	17.12
	26 05 33 23-0417	EA	Inverted Internal Elbow (Wiremold #ALA4817N) Note: Includes four (4) ALA01 couplings.	131.78	17.12
	26 05 33 23-0418	EA	External Elbow (Wiremold #ALA4818) Note: Includes four (4) ALA01 couplings.	118.02	17.12
26 05 33 23-0419			**Two Piece Surface Aluminum Raceways Fittings (Wiremold #ALA3800 And #ALA4800)** *(26 05 33 23-0315)* See CSI section 26 27 26 00-0010 for receptacles.		
	26 05 33 23-0420	LF	3" Wide Aluminum Raceway Cover (Wiremold #ALAC-5) Note: For use with ALA3800 single channel raceway and ALA4800 dual channel raceway.	7.12	0.55
	26 05 33 23-0421	EA	Wire Clips (Wiremold #ALAWC)	6.61	2.77
	26 05 33 23-0422	EA	Slide Couplings (Wiremold #ALA01)	16.76	3.32
	26 05 33 23-0423	EA	Grounding Adapter (Wiremold #ALA09)	14.51	3.32
	26 05 33 23-0424	EA	Bend Radius Control Insert For Flat Elbow (Wiremold #ALA11RI)	39.54	13.82
	26 05 33 23-0425	EA	Internal Corner Coupling (Wiremold #ALA17A)	47.35	17.12
	26 05 33 23-0426	EA	Bend Radius Control Insert For Internal And External Elbow (Wiremold #ALA17/18RI)	43.58	13.82
	26 05 33 23-0427	EA	Blank Cover Plate (Wiremold #ALA-BL)	17.52	3.32
	26 05 33 23-0428	EA	Duplex Receptacle Cover Plate (Wiremold #ALA-DR)	18.63	3.32
	26 05 33 23-0429	EA	Single Receptacle Cover Plate, 1.40" Diameter Opening (Wiremold #ALA-E)	19.36	3.32
	26 05 33 23-0430	EA	Single Receptacle Cover Plate, 1.59" Diameter Opening (Wiremold #ALA-F)	24.78	3.32
	26 05 33 23-0431	EA	GFCI/Surge/Decorator Cover Plate (Wiremold #ALA-G)	18.77	3.32
	26 05 33 23-0432	EA	Single Receptacle Cover Plate, 2.13" Diameter Opening (Wiremold #ALA-J)	19.37	3.32
	26 05 33 23-0433	EA	Toggle Switch Cover Plate (Wiremold #ALA-N)	19.85	3.32
	26 05 33 23-0434	EA	Active LPB Cover Plate (Wiremold #ALA-LPB)	25.21	3.32
	26 05 33 23-0435	EA	Active MAB Cover Plate (Wiremold #ALA-MAB)	23.75	3.32
	26 05 33 23-0436	EA	Ortronics Cover Plate (Wiremold #ALA-MABRT)	27.24	3.32
	26 05 33 23-0437	EA	1-3/4" x 2-3/4" Cover Plate (Wiremold #ALA-SG)	23.63	3.32
	26 05 33 23-0438	EA	Active 2A Cover Plate (Wiremold #ALA-2A)	26.35	3.32
	26 05 33 23-0439	EA	Ortronics Communications Cover Plate (Wiremold #ALA-ABRT)	24.18	3.32
	26 05 33 23-0440	EA	3/4" Grommet/Mousehole Cover Plate (Wiremold #ALA-Z)	19.81	3.32
	26 05 33 23-0441	EA	Ortronics Low Profile Cover Plate (Wiremold #ALA-LPB3S2)	24.39	3.32
26 05 33 23-0442			**Surface Non-Metallic Raceways** *(26 05 33 23-0001)* Note: Exposed on flat wall surface.		
26 05 33 23-0443			**One Piece Surface Non-Metallic Raceways** *(26 05 33 23-0442)* Note: Exposed on flat wall surface. (Wiremold or approved equal).		
26 05 33 23-0444			**7/8" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #400)** *(26 05 33 23-0443)*		
	26 05 33 23-0445	LF	7/8" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #400BAC)	7.07	2.21
			For Concrete Or Masonry Surface, Add	*0.22*	
	26 05 33 23-0446	EA	Wire Clip (Wiremold #400WC)	4.98	2.21
	26 05 33 23-0447	EA	Cover Clip (Wiremold #406)	5.33	2.21
	26 05 33 23-0448	EA	Blank End Clip (Wiremold #410B)	10.14	4.42
	26 05 33 23-0449	EA	Flat 90 Degree Elbow (Wiremold #411)	12.34	4.42
	26 05 33 23-0450	EA	Tee (Wiremold #415)	15.56	5.52
	26 05 33 23-0451	EA	Internal Elbow (Wiremold #417)	12.06	4.42
	26 05 33 23-0452	EA	External Elbow (Wiremold #418)	12.06	4.42

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0453		**1-5/16" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #800)** *(26 05 33 23-0443)*		
26 05 33 23-0454	LF	1-5/16" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #800BAC)	7.44	2.21
		For Concrete Or Masonry Surface, Add	*0.22*	
26 05 33 23-0455	EA	Wire Clip (Wiremold #800WC)	4.92	2.21
26 05 33 23-0456	EA	Cover Clip (Wiremold #806)	5.03	2.21
26 05 33 23-0457	EA	Entrance End Fitting (Wiremold #810A2)	15.56	4.42
26 05 33 23-0458	EA	Blank End Fitting (Wiremold #810B)	9.93	4.42
26 05 33 23-0459	EA	Flat 90 Degree Elbow (Wiremold #811)	11.56	4.42
26 05 33 23-0460	EA	Tee (Wiremold #815)	14.52	5.52
26 05 33 23-0461	EA	Internal Elbow (Wiremold #817)	11.32	4.42
26 05 33 23-0462	EA	External Elbow (Wiremold #818)	11.32	4.42
26 05 33 23-0463	EA	End Reducer, #800 To #400 (Wiremold #889A)	12.85	4.42
26 05 33 23-0464		**2-1/4" x 11/16" One Piece Surface Non-Metallic Raceways (Wiremold #2300)** *(26 05 33 23-0443)*		
26 05 33 23-0465	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2300BAC)	8.56	2.21
		For Concrete Or Masonry Surface, Add	*0.22*	
26 05 33 23-0466	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Divided Raceway Base And Cover (Wiremold #2300BACD)	9.12	2.21
		For Concrete Or Masonry Surface, Add	*0.22*	
26 05 33 23-0467	EA	Wire Clip (Wiremold #2300WC)	5.16	2.21
26 05 33 23-0468	EA	Cover Clip (Wiremold #2306)	5.45	2.21
26 05 33 23-0469	EA	Entrance End Fitting (Wiremold #2310A)	16.83	4.42
26 05 33 23-0470	EA	Blank End Fitting (Wiremold #2310B)	10.46	4.42
26 05 33 23-0471	EA	Divided Entrance End Fitting (Wiremold #2310DFO)	19.00	4.42
26 05 33 23-0472	EA	Flat 90 Degree Elbow (Wiremold #2311)	11.74	4.42
26 05 33 23-0473	EA	Divided Flat 90 Degree Elbow (Wiremold #2311DFO)	12.66	4.42
26 05 33 23-0474	EA	Tee (Wiremold #2315)	14.60	5.52
26 05 33 23-0475	EA	Internal Elbow (Wiremold #2317)	11.74	4.42
26 05 33 23-0476	EA	Divided Internal Elbow (Wiremold #2317DFO)	12.67	4.42
26 05 33 23-0477	EA	External Elbow (Wiremold #2318)	11.77	4.42
26 05 33 23-0478	EA	Divided External Elbow (Wiremold #2318DFO)	12.84	4.42
26 05 33 23-0479	EA	End Reducer, #2300 To #400 (Wiremold #2389)	12.85	4.42
26 05 33 23-0480	EA	End Reducer, #2300 To #800 (Wiremold #2389A)	13.44	4.42
26 05 33 23-0481		**One Piece Surface Non-Metallic Raceway Fittings (Wiremold #400, #800 Or #2300)** *(26 05 33 23-0443)*		
26 05 33 23-0482	EA	Blank Cover, 4-1/2" Diameter (Wiremold #2336)	14.45	3.87
26 05 33 23-0483	EA	Extension Box, 5-1/2" Diameter (Wiremold #2337A)	23.93	4.42
26 05 33 23-0484	EA	-A Fixture Box, 5-1/2" Diameter (Wiremold #233)	24.07	4.42
26 05 33 23-0485	EA	Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344)	21.66	4.42
26 05 33 23-0486	EA	Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344-2)	25.20	4.42
26 05 33 23-0487	EA	Extra Deep Divided Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344D)	23.66	4.42
26 05 33 23-0488	EA	Deep Divided Device Box, 2 Gang, 2-1/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344SD-2A)	25.75	4.42
26 05 33 23-0489	EA	1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2347)	21.27	7.18
26 05 33 23-0490	EA	2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2347-2)	24.38	7.18
26 05 33 23-0491	EA	1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348)	22.18	7.18
26 05 33 23-0492	EA	2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2348-2)	26.86	7.18
26 05 33 23-0493	EA	3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide (Wiremold #2348-3)	32.31	7.18
26 05 33 23-0494	EA	1-Gang Deep Device Box With Magnetic Backing, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348AMP)	30.57	7.18
26 05 33 23-0495	EA	1-Gang Divided Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348D)	27.61	7.18
26 05 33 23-0496	EA	Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348S/51)	20.80	7.18
26 05 33 23-0497		**3/4" x 3/8" One Piece Surface Non-Metallic Raceways (Wiremold #2700)** *(26 05 33 23-0443)*		
26 05 33 23-0498	LF	3/4" x 3/8" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2700)	6.18	2.21
		For Concrete Or Masonry Surface, Add	*0.22*	
26 05 33 23-0499	EA	3/4" Wire Clip (Wiremold #2700WC)	2.58	1.10
26 05 33 23-0500	EA	Cover Clip (Wiremold #2706)	4.08	1.10
26 05 33 23-0501	EA	Blank End (Wiremold #2710B)	6.28	2.21
26 05 33 23-0502	EA	Flat 90 Degree Elbow (Wiremold #2711)	7.42	2.77
26 05 33 23-0503	EA	Tee (Wiremold #2715)	11.87	4.97
26 05 33 23-0504	EA	Internal Elbow (Wiremold #2717)	8.53	3.32
26 05 33 23-0505	EA	External Elbow (Wiremold #2718)	8.52	3.32
26 05 33 23-0506	EA	Drop Ceiling Connector (Wiremold #2786)	10.08	3.87
26 05 33 23-0507		**1" x 1/2" One Piece Surface Non-Metallic Raceways (Wiremold #2800)** *(26 05 33 23-0443)*		
26 05 33 23-0508	LF	1" x 1/2" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2800)	7.74	2.77
		For Concrete Or Masonry Surface, Add	*0.28*	
26 05 33 23-0509	EA	1" Wire Clip (Wiremold #2800WC)	3.80	1.65
26 05 33 23-0510	EA	Cover Clip (Wiremold #2806)	5.11	1.65
26 05 33 23-0511	EA	Blank End (Wiremold #2810B)	7.31	2.77
26 05 33 23-0512	EA	Flat 90 Degree Elbow (Wiremold #2811)	9.62	3.87
26 05 33 23-0513	EA	Radiused Flat 90 Degree Elbow (Wiremold #2811FO)	10.26	3.87
26 05 33 23-0514	EA	Tee (Wiremold #2815)	14.03	6.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0515	EA	Internal Elbow (Wiremold #2817)	10.69	4.42
26 05 33 23-0516	EA	External Elbow (Wiremold #2818)	10.72	4.42
26 05 33 23-0517	EA	Radiused Tee (Wiremold #2815FO)	14.90	6.08
26 05 33 23-0518	EA	Radiused Internal Elbow (Wiremold #2817FO)	11.48	4.42
26 05 33 23-0519	EA	Radiused External Elbow (Wiremold #2818FO)	11.36	4.42
26 05 33 23-0520	EA	Drop Ceiling Connector (Wiremold #2886)	12.07	4.97
26 05 33 23-0521	EA	Reducer, #2800 To #2700 (Wiremold #2889)	10.67	4.42
26 05 33 23-0522		1-1/2" x 3/4" One Piece Surface Non-Metallic Raceways (Wiremold #2900) *(26 05 33 23-0443)*		
26 05 33 23-0523	LF	1-1/2" x 3/4" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2900)	9.42	3.32
		For Concrete Or Masonry Surface, Add	*0.33*	
26 05 33 23-0524	EA	1-1/2" Wire Clip (Wiremold #2900WC)	5.01	2.21
26 05 33 23-0525	EA	Cover Clip (Wiremold #2906)	6.36	2.21
26 05 33 23-0526	EA	Blank End (Wiremold #2910B)	8.57	3.32
26 05 33 23-0527	EA	Flat 90 Degree Elbow (Wiremold #2911)	10.79	4.42
26 05 33 23-0528	EA	Radiused Flat 90 Degree Elbow (Wiremold #2911FO)	11.82	4.42
26 05 33 23-0529	EA	Tee (Wiremold #2915)	15.21	6.63
26 05 33 23-0530	EA	Radiused Tee (Wiremold #2915FO)	16.26	6.63
26 05 33 23-0531	EA	Internal Elbow (Wiremold #2917)	11.90	4.97
26 05 33 23-0532	EA	Radiused Internal Elbow (Wiremold #2917FO)	12.97	4.97
26 05 33 23-0533	EA	External Elbow (Wiremold #2918)	11.89	4.97
26 05 33 23-0534	EA	Radiused External Elbow (Wiremold #2918FO)	13.26	4.97
26 05 33 23-0535	EA	Drop Ceiling Connector (Wiremold #2986)	12.07	4.97
26 05 33 23-0536	EA	Reducer, #2900 To #2800 (Wiremold #2989)	13.41	5.52
26 05 33 23-0537	EA	Reducer, #2900 To #2700 (Wiremold #2989A)	13.06	5.52
26 05 33 23-0538		Two Piece Surface Non-Metallic Raceways *(26 05 33 23-0442)* Note: Exposed on flat wall surface. (Wiremold or approved equal).		
26 05 33 23-0539		5" x 1" Two Piece Surface Non-Metallic Raceways (Wiremold #500) *(26 05 33 23-0538)*		
26 05 33 23-0540	LF	5" x 1" Two Piece Surface Non-Metallic Raceway Base (Wiremold #5000B)	14.99	4.97
		For Concrete Or Masonry Surface, Add	*0.50*	
26 05 33 23-0541	LF	Black, Gray Or White, Cover (Wiremold #5000C)	14.22	4.97
26 05 33 23-0542	LF	Oak Veneer, Cover (Wiremold #5000COA)	27.29	4.97
26 05 33 23-0543	LF	Maple Wood Veneer, Cover (Wiremold #5000CW)	22.12	4.97
26 05 33 23-0544	LF	Black, Gray Or White, Quarter Round Trim (Wiremold #5000T)	2.03	0.55
26 05 33 23-0545	LF	Oak Veneer, Quarter Round Trim (Wiremold #5000TOA)	8.58	0.55
26 05 33 23-0546	LF	Maple Wood Veneer, Quarter Round Trim (Wiremold #5000TW)	5.30	0.55
26 05 33 23-0547	EA	Base Coupling (Wiremold #5001)	13.70	5.52
26 05 33 23-0548	EA	Blank/Coax Adapter (Wiremold #5004)	7.72	2.77
26 05 33 23-0549	EA	Low Voltage Blank Plate (Wiremold #5005)	10.36	3.32
26 05 33 23-0550	EA	Cover Clip (Wiremold #5006)	14.80	5.52
26 05 33 23-0551	EA	Internal Wire Guard (Wiremold #5006A)	13.80	5.52
26 05 33 23-0552	EA	Device Bracket (Wiremold #5007C)	15.85	5.52
26 05 33 23-0553	EA	Device Plate (Wiremold #5007C-1)	28.59	11.05
26 05 33 23-0554	EA	Deep Device Plate (Wiremold #5007C-2)	29.64	11.05
26 05 33 23-0555	EA	Right Or Left End Cap (Wiremold #5010)	24.80	10.50
26 05 33 23-0556	EA	Entrance End Feed (Wiremold #5010A)	48.51	17.12
26 05 33 23-0557	EA	Internal Base Elbow (Wiremold #5017B)	33.45	13.82
26 05 33 23-0558	EA	Internal Cover Elbow (Wiremold #5017C)	30.34	11.05
26 05 33 23-0559	EA	Internal Elbow Wire Guard (Wiremold #5017WG)	20.70	8.29
26 05 33 23-0560	EA	External Base Elbow (Wiremold #5018B)	33.38	13.82
26 05 33 23-0561	EA	External Cover Elbow (Wiremold #5018C)	30.62	11.05
26 05 33 23-0562	EA	External Elbow Wire Guard (Wiremold #5018WG)	13.52	5.52
26 05 33 23-0563		5-1/4" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5400) *(26 05 33 23-0538)*		
26 05 33 23-0564	LF	5-1/4" x 1-11/16", Two Compartment, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5400TB)	16.11	4.97
		For Concrete Or Masonry Surface, Add	*0.50*	
26 05 33 23-0565	LF	Full Width Cover (Wiremold #5400C)	5.62	0.55
26 05 33 23-0566	LF	Twin Snap Cover (Wiremold #5400TC)	3.61	0.55
26 05 33 23-0567	EA	Twin Snap Cover Wire Clips (Wiremold #5400TWC)	6.18	2.77
26 05 33 23-0568	EA	Cover Clip (Wiremold #5406A)	10.46	3.32
26 05 33 23-0569	EA	Twin Cover Clip (Wiremold #5406T)	8.80	3.32
26 05 33 23-0570	EA	Base Seam Clip (Wiremold #5406TB)	7.86	3.32
26 05 33 23-0571	EA	L Or R (Left Or Right) Transition Fitting (Wiremold #5408)	59.68	17.12
26 05 33 23-0572	EA	End Cap (Wiremold #5410)	29.15	10.50
26 05 33 23-0573	EA	Radiused Divided Entrance Cap Fitting (Wiremold #5410DFO)	57.27	17.12
26 05 33 23-0574	EA	Radiused Flat 90 Degree Elbow (Wiremold #5411FO)	52.28	13.82
26 05 33 23-0575	EA	Tee Fitting (Wiremold #5415)	60.26	17.12
26 05 33 23-0576	EA	Radiused Tee Fitting (Wiremold #5415FO)	63.12	17.12
26 05 33 23-0577	EA	Radiused Internal Elbow (Wiremold #5417FO)	49.77	17.12
26 05 33 23-0578	EA	External Elbow (Wiremold #5418)	50.49	17.12
26 05 33 23-0579	EA	Radiused External Elbow (Wiremold #5418FO)	51.15	17.12
26 05 33 23-0580	EA	5-5/32" x 6" Device Bracket (Wiremold #5450)	24.17	5.52
26 05 33 23-0581	EA	7-19/32" x 7-1/2" Device Bracket (Wiremold #5450A3)	31.98	5.52
26 05 33 23-0582	EA	2-1/2" x 4-7/8" Twin Snap Device Bracket (Wiremold #5450T)	18.40	5.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0583	EA	Transition Fitting (Wiremold #5474)	52.49	17.12
26 05 33 23-0584		6-11/16" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5500) *(26 05 33 23-0538)*		
26 05 33 23-0585	LF	6-11/16" x 1-11/16", Three Compartment Divided, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5500BD3)	19.92	4.97
		For Concrete Or Masonry Surface, Add	*0.50*	
26 05 33 23-0586	LF	Cover (Wiremold #5500C)	7.22	0.55
26 05 33 23-0587	EA	Wire Clips (Wiremold #5500WC)	7.18	2.77
26 05 33 23-0588	EA	Cover Clip (Wiremold #5506)	11.64	3.32
26 05 33 23-0589	EA	Base Seam Clip Fitting (Wiremold #5506B)	8.26	3.32
26 05 33 23-0590	EA	Modular Furniture Adapter (Wiremold #5507AD)	10.85	3.32
26 05 33 23-0591	EA	Blank Faceplate (Wiremold #5507B)	10.90	3.32
26 05 33 23-0592	EA	Duplex Receptacle Faceplate (Wiremold #5507D)	10.95	3.32
26 05 33 23-0593	EA	Dual RJ Connector Faceplate (Wiremold #5507FRJ)	10.95	3.32
26 05 33 23-0594	EA	Rectangular Receptacle Faceplate (Wiremold #5507R)	10.84	3.32
26 05 33 23-0595	EA	Dual RJ Connector Faceplate (Wiremold #5507RJ)	10.87	3.32
26 05 33 23-0596	EA	Rectangular Spacer Fitting (Wiremold #5507S)	10.78	3.32
26 05 33 23-0597	EA	Switch Faceplate (Wiremold #5507SW)	10.81	3.32
26 05 33 23-0598	EA	Twistlock Faceplate (Wiremold #5507T1)	10.90	3.32
26 05 33 23-0599	EA	Single Receptacle Faceplate (Wiremold #5507T2)	10.67	3.32
26 05 33 23-0600	EA	6-5/8" x 6" Device Bracket (Wiremold #5550)	28.47	5.52
26 05 33 23-0601	EA	9-5/8" x 7-1/2" Device Bracket (Wiremold #5550A4)	38.28	5.52
26 05 33 23-0602	EA	End Cap (Wiremold #5510)	31.40	10.50
26 05 33 23-0603	EA	Entrance End Fitting (Wiremold #5510D)	64.51	17.12
26 05 33 23-0604	EA	Radiused Flat 90 Degree Elbow (Wiremold #5511FO)	58.87	13.82
26 05 33 23-0605	EA	Backfeed Connector (Wiremold #5514A)	47.29	13.82
26 05 33 23-0606	EA	Tee Fitting (Wiremold #5515)	67.79	17.12
26 05 33 23-0607	EA	Radiused Internal Elbow (Wiremold #5517FO)	54.38	17.12
26 05 33 23-0608	EA	External Elbow (Wiremold #5518)	55.72	17.12
26 05 33 23-0609	EA	Radiused External Elbow (Wiremold #5518FO)	58.55	17.12
26 05 33 23-0610	EA	Transition Fitting (Wiremold #5574)	53.03	17.12
26 05 33 23-0611	EA	Transition Fitting (Wiremold #5574A)	71.35	17.12
26 05 33 23-0612		Surface Cable Protection System *(26 05 33 23)*		
26 05 33 23-0613	EA	35-1/2" Long x 18-9/16" Wide x 3" High, Three Channel, Heavy Duty Polyurethene, Surface Cable Protector (Yellow Jacket® CP-YJHD-3) Note: Modular interlocking design with hinged lid.	599.25	
26 05 33 23-0614	EA	35-3/4" Long x 19-3/4" Wide x 1-7/8" High, Five Channel, Heavy Duty Polyurethene, Surface Cable Protector (Yellow Jacket® CP-YJHD-5) Note: Modular interlocking design with hinged lid.	451.91	

26 05 36 Cable Trays for Electrical Systems *(26 05)*

26 05 36 00-0001		Cable Trays *(26 05 36)* Note: Excludes supporting hangers.		
26 05 36 00-0002		Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0001)*		
26 05 36 00-0003		4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0002)*		
26 05 36 00-0004		4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*		
26 05 36 00-0005	LF	6" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	40.64	11.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.09*	
26 05 36 00-0006	LF	9" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	43.92	12.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.36*	
26 05 36 00-0007	LF	12" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	48.01	13.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.68*	
26 05 36 00-0008	LF	18" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	53.44	14.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.16*	
26 05 36 00-0009	LF	24" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	58.66	14.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.64*	
26 05 36 00-0010	LF	30" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	71.48	17.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.73*	
26 05 36 00-0011	LF	36" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	80.21	19.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-6.40*	
26 05 36 00-0012		6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*		
26 05 36 00-0013	LF	6" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	38.34	11.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.88*	
26 05 36 00-0014	LF	9" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.47	12.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.14*	
26 05 36 00-0015	LF	12" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	44.27	13.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.33*	
26 05 36 00-0016	LF	18" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	48.53	13.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0017	LF	24" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	52.32	14.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.04*	
26 05 36 00-0018	LF	30" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	61.50	16.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.77*	
26 05 36 00-0019	LF	36" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	67.20	18.14
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.21*	
26 05 36 00-0020		9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*		
26 05 36 00-0021	LF	6" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	36.93	11.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.76*	
26 05 36 00-0022	LF	9" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	38.04	11.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.83*	
26 05 36 00-0023	LF	12" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.90	12.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.16*	
26 05 36 00-0024	LF	18" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	45.90	12.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.51*	
26 05 36 00-0025	LF	24" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	49.74	13.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.86*	
26 05 36 00-0026	LF	30" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	54.22	14.51
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.22*	
26 05 36 00-0027	LF	36" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	58.26	15.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.52*	
26 05 36 00-0028		12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*		
26 05 36 00-0029	LF	6" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	35.83	10.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.68*	
26 05 36 00-0030	LF	9" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	36.57	11.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.74*	
26 05 36 00-0031	LF	12" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	38.74	11.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.91*	
26 05 36 00-0032	LF	18" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.03	12.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.09*	
26 05 36 00-0033	LF	24" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	42.74	12.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.26*	
26 05 36 00-0034	LF	30" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	47.24	13.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.63*	
26 05 36 00-0035	LF	36" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	49.76	13.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.82*	
26 05 36 00-0036		18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*		
26 05 36 00-0037	LF	6" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	35.34	10.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.65*	
26 05 36 00-0038	LF	9" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	35.96	10.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.70*	
26 05 36 00-0039	LF	12" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	38.12	11.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.86*	
26 05 36 00-0040	LF	18" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	40.03	11.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.01*	
26 05 36 00-0041	LF	24" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	40.69	11.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.07*	
26 05 36 00-0042	LF	30" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	43.24	12.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.25*	
26 05 36 00-0043	LF	36" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	45.10	13.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.38*	
26 05 36 00-0044		4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*		
26 05 36 00-0045		12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0046	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	317.13	121.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.61*	
26 05 36 00-0047	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	354.43	138.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.93*	
26 05 36 00-0048	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	389.61	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.23*	
26 05 36 00-0049	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	487.30	187.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.13*	
26 05 36 00-0050	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	555.42	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.63*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0051	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	662.39	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.08*	
26 05 36 00-0052	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	763.84	276.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.34*	
26 05 36 00-0053		**24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0054	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	447.59	126.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.25*	
26 05 36 00-0055	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	486.33	145.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.55*	
26 05 36 00-0056	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	522.53	161.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.81*	
26 05 36 00-0057	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	607.58	200.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.07*	
26 05 36 00-0058	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	681.08	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.75*	
26 05 36 00-0059	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	758.97	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.92*	
26 05 36 00-0060	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	888.76	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.42*	
26 05 36 00-0061		**36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0062	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	482.63	131.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.28*	
26 05 36 00-0063	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	531.78	152.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.46*	
26 05 36 00-0064	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	574.98	170.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.26*	
26 05 36 00-0065	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	690.50	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.14*	
26 05 36 00-0066	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	785.65	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.54*	
26 05 36 00-0067	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	921.92	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.00*	
26 05 36 00-0068	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,046.66	341.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.25*	
26 05 36 00-0069		**12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0070	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	235.95	87.93
		For 60 Degree Bend, Deduct	*-44.17*	
		For 30 Degree Bend, Deduct	*-78.50*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.27*	
26 05 36 00-0071	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	268.80	105.47
		For 60 Degree Bend, Deduct	*-48.29*	
		For 30 Degree Bend, Deduct	*-86.35*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.10*	
26 05 36 00-0072	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	298.34	120.96
		For 60 Degree Bend, Deduct	*-52.09*	
		For 30 Degree Bend, Deduct	*-93.53*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.75*	
26 05 36 00-0073	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	356.97	152.89
		For 60 Degree Bend, Deduct	*-59.21*	
		For 30 Degree Bend, Deduct	*-107.17*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.96*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0074	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	443.49	187.23
		For 60 Degree Bend, Deduct	*-74.58*	
		For 30 Degree Bend, Deduct	*-134.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.75*	
26 05 36 00-0075	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	526.21	214.94
		For 60 Degree Bend, Deduct	*-91.25*	
		For 30 Degree Bend, Deduct	*-164.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.71*	
26 05 36 00-0076	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	595.80	252.31
		For 60 Degree Bend, Deduct	*-99.89*	
		For 30 Degree Bend, Deduct	*-180.49*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.55*	

26 05 36 00-0077 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0078	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	264.29	90.71
		For 60 Degree Bend, Deduct	*-52.46*	
		For 30 Degree Bend, Deduct	*-92.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.87*	
26 05 36 00-0079	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	302.74	109.34
		For 60 Degree Bend, Deduct	*-57.98*	
		For 30 Degree Bend, Deduct	*-102.72*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.16*	
26 05 36 00-0080	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	345.51	126.28
		For 60 Degree Bend, Deduct	*-65.62*	
		For 30 Degree Bend, Deduct	*-116.38*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.03*	
26 05 36 00-0081	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	407.53	161.23
		For 60 Degree Bend, Deduct	*-72.66*	
		For 30 Degree Bend, Deduct	*-130.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.31*	
26 05 36 00-0082	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	501.70	200.29
		For 60 Degree Bend, Deduct	*-88.80*	
		For 30 Degree Bend, Deduct	*-159.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.48*	
26 05 36 00-0083	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	587.98	232.35
		For 60 Degree Bend, Deduct	*-104.98*	
		For 30 Degree Bend, Deduct	*-187.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.44*	
26 05 36 00-0084	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	690.96	276.62
		For 60 Degree Bend, Deduct	*-122.00*	
		For 30 Degree Bend, Deduct	*-218.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.05*	

26 05 36 00-0085 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0086	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	318.42	93.62
		For 60 Degree Bend, Deduct	*-69.21*	
		For 30 Degree Bend, Deduct	*-120.55*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.04*	
26 05 36 00-0087	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	361.05	113.69
		For 60 Degree Bend, Deduct	*-75.57*	
		For 30 Degree Bend, Deduct	*-132.27*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.63*	
26 05 36 00-0088	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	395.16	131.96
		For 60 Degree Bend, Deduct	*-79.82*	
		For 30 Degree Bend, Deduct	*-140.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.52*	
26 05 36 00-0089	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	474.58	170.79
		For 60 Degree Bend, Deduct	*-91.12*	
		For 30 Degree Bend, Deduct	*-161.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.22*	
26 05 36 00-0090	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	559.07	214.94
		For 60 Degree Bend, Deduct	*-102.09*	
		For 30 Degree Bend, Deduct	*-182.09*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.99*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0091	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	679.78	252.31
		For 60 Degree Bend, Deduct	*-127.60*	
		For 30 Degree Bend, Deduct	*-226.68*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.95*	
26 05 36 00-0092	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	797.48	305.41
		For 60 Degree Bend, Deduct	*-146.08*	
		For 30 Degree Bend, Deduct	*-260.44*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.30*	
26 05 36 00-0093		12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0094	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	343.39	120.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.26*	
26 05 36 00-0095	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	375.36	138.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.02*	
26 05 36 00-0096	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	404.48	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.72*	
26 05 36 00-0097	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	468.53	187.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.25*	
26 05 36 00-0098	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	521.26	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.21*	
26 05 36 00-0099	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	579.20	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.76*	
26 05 36 00-0100	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	642.80	276.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.27*	
26 05 36 00-0101		24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0102	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	410.75	126.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.56*	
26 05 36 00-0103	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	447.27	145.14
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.63*	
26 05 36 00-0104	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	482.30	161.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.79*	
26 05 36 00-0105	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	558.68	200.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.18*	
26 05 36 00-0106	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	623.51	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.99*	
26 05 36 00-0107	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	688.88	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.91*	
26 05 36 00-0108	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	789.40	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.49*	
26 05 36 00-0109		36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0110	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	490.32	131.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.04*	
26 05 36 00-0111	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	534.87	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.76*	
26 05 36 00-0112	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	568.33	170.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.60*	
26 05 36 00-0113	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	664.69	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.56*	
26 05 36 00-0114	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	730.24	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.00*	
26 05 36 00-0115	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	835.86	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.40*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0116	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	943.26	341.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.91*	

26 05 36 00-0117 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0118	EA	6" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	614.32	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.07*	
26 05 36 00-0119	EA	9" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	664.65	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.44*	
26 05 36 00-0120	EA	12" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	697.16	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.74*	
26 05 36 00-0121	EA	18" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	778.75	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.68*	
26 05 36 00-0122	EA	24" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	882.88	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.43*	
26 05 36 00-0123	EA	30" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	983.06	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.83*	
26 05 36 00-0124	EA	36" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,112.58	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.02*	

26 05 36 00-0125 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0126	EA	6" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	776.52	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.62*	
26 05 36 00-0127	EA	9" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	833.87	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.34*	
26 05 36 00-0128	EA	12" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	870.29	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.84*	
26 05 36 00-0129	EA	18" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	954.08	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.55*	
26 05 36 00-0130	EA	24" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,059.05	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.67*	
26 05 36 00-0131	EA	30" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,139.70	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.73*	
26 05 36 00-0132	EA	36" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,378.75	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.64*	

26 05 36 00-0133 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0134	EA	6" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	993.20	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.27*	
26 05 36 00-0135	EA	9" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,061.65	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.71*	
26 05 36 00-0136	EA	12" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,126.97	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.84*	
26 05 36 00-0137	EA	18" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,238.73	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.63*	
26 05 36 00-0138	EA	24" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,405.69	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.05*	
26 05 36 00-0139	EA	30" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,524.52	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.21*	
26 05 36 00-0140	EA	36" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,716.38	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.69*	

26 05 36 00-0141 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0142		EA	6" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	744.75	214.94
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.56*	
26 05 36 00-0143		EA	9" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	762.26	223.40
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.61*	
26 05 36 00-0144		EA	12" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	780.44	232.35
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.69*	
26 05 36 00-0145		EA	18" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	820.60	252.31
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.03*	
26 05 36 00-0146		EA	24" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	846.33	263.67
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.66*	
26 05 36 00-0147		EA	30" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	917.75	290.28
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.58*	
26 05 36 00-0148		EA	36" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	987.98	322.22
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.94*	
26 05 36 00-0149			24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0150		EA	6" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,085.55	232.35
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.20*	
26 05 36 00-0151		EA	9" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,111.71	241.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.01*	
26 05 36 00-0152		EA	12" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,139.27	252.31
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.90*	
26 05 36 00-0153		EA	18" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,200.00	276.62
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.95*	
26 05 36 00-0154		EA	24" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,243.20	290.28
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.13*	
26 05 36 00-0155		EA	30" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,316.82	322.22
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.83*	
26 05 36 00-0156		EA	36" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,418.40	362.86
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.60*	
26 05 36 00-0157			36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0158		EA	6" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,725.76	252.31
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-151.55*	
26 05 36 00-0159		EA	9" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,761.66	263.67
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-154.19*	
26 05 36 00-0160		EA	12" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,800.06	276.62
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-156.96*	
26 05 36 00-0161		EA	18" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,865.12	305.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-161.06*	
26 05 36 00-0162		EA	24" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,910.10	322.22
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-164.16*	
26 05 36 00-0163		EA	30" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,028.63	362.86
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-172.62*	
26 05 36 00-0164		EA	36" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,131.18	414.27
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-178.60*	
26 05 36 00-0165			12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0166		EA	6" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	765.19	290.28
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.33*	
26 05 36 00-0167		EA	9" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	804.00	305.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0168	EA	12" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	859.15	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.06*	
26 05 36 00-0169	EA	18" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	922.03	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.73*	
26 05 36 00-0170	EA	24" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,038.00	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.56*	
26 05 36 00-0171	EA	30" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,161.60	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.64*	
26 05 36 00-0172	EA	36" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,270.26	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.79*	
26 05 36 00-0173		**24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0174	EA	6" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,082.90	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.44*	
26 05 36 00-0175	EA	9" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,132.22	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.75*	
26 05 36 00-0176	EA	12" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,184.48	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.21*	
26 05 36 00-0177	EA	18" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,261.75	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.94*	
26 05 36 00-0178	EA	24" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,402.48	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.01*	
26 05 36 00-0179	EA	30" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,508.12	483.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.49*	
26 05 36 00-0180	EA	36" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,692.65	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.31*	
26 05 36 00-0181		**36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0182	EA	6" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,367.55	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.52*	
26 05 36 00-0183	EA	9" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,441.42	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.91*	
26 05 36 00-0184	EA	12" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,520.95	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.58*	
26 05 36 00-0185	EA	18" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,660.13	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.77*	
26 05 36 00-0186	EA	24" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,896.06	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-145.66*	
26 05 36 00-0187	EA	30" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,067.88	579.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-158.48*	
26 05 36 00-0188	EA	36" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,262.64	645.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-172.46*	
26 05 36 00-0189		**12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0190	EA	6" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	891.81	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.99*	
26 05 36 00-0191	EA	9" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	936.91	305.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.23*	
26 05 36 00-0192	EA	12" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,003.99	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.55*	
26 05 36 00-0193	EA	18" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,080.90	341.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.61*	
26 05 36 00-0194	EA	24" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,214.96	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.26*	

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0195	EA	30" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,373.97	414.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.86*	
26 05 36 00-0196	EA	36" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,505.80	446.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.39*	
26 05 36 00-0197		24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0198	EA	6" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,328.52	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.00*	
26 05 36 00-0199	EA	9" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,385.47	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.07*	
26 05 36 00-0200	EA	12" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,445.36	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.30*	
26 05 36 00-0201	EA	18" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,539.40	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.70*	
26 05 36 00-0202	EA	24" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,698.44	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.60*	
26 05 36 00-0203	EA	30" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,823.91	483.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-142.07*	
26 05 36 00-0204	EA	36" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,058.79	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-161.93*	
26 05 36 00-0205		36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0206	EA	6" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,710.80	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-140.84*	
26 05 36 00-0207	EA	9" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,799.93	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.76*	
26 05 36 00-0208	EA	12" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,894.72	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-154.95*	
26 05 36 00-0209	EA	18" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,072.03	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-169.96*	
26 05 36 00-0210	EA	24" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,353.73	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-191.42*	
26 05 36 00-0211	EA	30" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,563.68	579.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-208.06*	
26 05 36 00-0212	EA	36" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,796.59	645.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-225.85*	
26 05 36 00-0213		6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*		
26 05 36 00-0214		12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0215	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	300.70	121.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.96*	
26 05 36 00-0216	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	336.70	138.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.16*	
26 05 36 00-0217	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	370.32	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.31*	
26 05 36 00-0218	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	462.27	187.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.62*	
26 05 36 00-0219	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	527.26	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.81*	
26 05 36 00-0220	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	625.35	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0221	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	720.55	276.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.01*	
26 05 36 00-0222		**24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0223	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	413.69	126.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.86*	
26 05 36 00-0224	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	451.39	145.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.05*	
26 05 36 00-0225	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	486.28	161.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.19*	
26 05 36 00-0226	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	568.46	200.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.16*	
26 05 36 00-0227	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	639.09	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.55*	
26 05 36 00-0228	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	713.33	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.36*	
26 05 36 00-0229	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	834.51	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.00*	
26 05 36 00-0230		**36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0231	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	445.07	131.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.52*	
26 05 36 00-0232	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	492.14	152.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.50*	
26 05 36 00-0233	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	533.51	170.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.11*	
26 05 36 00-0234	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	643.04	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.39*	
26 05 36 00-0235	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	733.50	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.32*	
26 05 36 00-0236	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	859.33	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.74*	
26 05 36 00-0237	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	978.34	341.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.41*	
26 05 36 00-0238		**12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0239	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	223.17	87.93
		For 60 Degree Bend, Deduct	*-39.95*	
		For 30 Degree Bend, Deduct	*-71.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.99*	
26 05 36 00-0240	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	255.50	105.47
		For 60 Degree Bend, Deduct	*-43.90*	
		For 30 Degree Bend, Deduct	*-79.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.77*	
26 05 36 00-0241	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	284.52	120.96
		For 60 Degree Bend, Deduct	*-47.53*	
		For 30 Degree Bend, Deduct	*-85.93*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.37*	
26 05 36 00-0242	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	342.36	152.89
		For 60 Degree Bend, Deduct	*-54.39*	
		For 30 Degree Bend, Deduct	*-99.14*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.50*	
26 05 36 00-0243	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	424.72	187.23
		For 60 Degree Bend, Deduct	*-68.38*	
		For 30 Degree Bend, Deduct	*-124.38*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.87*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0244	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	502.22	214.94
		For 60 Degree Bend, Deduct	*-83.33*	
		For 30 Degree Bend, Deduct	*-150.83*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.31*	
26 05 36 00-0245	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	570.77	252.31
		For 60 Degree Bend, Deduct	*-91.63*	
		For 30 Degree Bend, Deduct	*-166.73*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.05*	
26 05 36 00-0246		24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0247	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	248.12	90.71
		For 60 Degree Bend, Deduct	*-47.12*	
		For 30 Degree Bend, Deduct	*-83.58*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.26*	
26 05 36 00-0248	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	285.53	109.34
		For 60 Degree Bend, Deduct	*-52.31*	
		For 30 Degree Bend, Deduct	*-93.25*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.44*	
26 05 36 00-0249	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	326.22	126.28
		For 60 Degree Bend, Deduct	*-59.25*	
		For 30 Degree Bend, Deduct	*-105.77*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.10*	
26 05 36 00-0250	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	387.71	161.23
		For 60 Degree Bend, Deduct	*-66.12*	
		For 30 Degree Bend, Deduct	*-119.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.33*	
26 05 36 00-0251	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	477.71	200.29
		For 60 Degree Bend, Deduct	*-80.88*	
		For 30 Degree Bend, Deduct	*-145.92*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.08*	
26 05 36 00-0252	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	559.29	232.35
		For 60 Degree Bend, Deduct	*-95.51*	
		For 30 Degree Bend, Deduct	*-172.10*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.57*	
26 05 36 00-0253	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	658.10	276.62
		For 60 Degree Bend, Deduct	*-111.15*	
		For 30 Degree Bend, Deduct	*-200.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.76*	
26 05 36 00-0254		36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0255	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	295.21	93.62
		For 60 Degree Bend, Deduct	*-61.55*	
		For 30 Degree Bend, Deduct	*-107.78*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.72*	
26 05 36 00-0256	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	336.54	113.69
		For 60 Degree Bend, Deduct	*-67.48*	
		For 30 Degree Bend, Deduct	*-118.79*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.18*	
26 05 36 00-0257	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	370.13	131.96
		For 60 Degree Bend, Deduct	*-71.56*	
		For 30 Degree Bend, Deduct	*-126.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.02*	
26 05 36 00-0258	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	447.46	170.79
		For 60 Degree Bend, Deduct	*-82.17*	
		For 30 Degree Bend, Deduct	*-146.45*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.51*	
26 05 36 00-0259	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	530.38	214.94
		For 60 Degree Bend, Deduct	*-92.62*	
		For 30 Degree Bend, Deduct	*-166.31*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.12*	
26 05 36 00-0260	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	642.74	252.31
		For 60 Degree Bend, Deduct	*-115.38*	
		For 30 Degree Bend, Deduct	*-206.31*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.25*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0261		EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	756.28	305.41
			For 60 Degree Bend, Deduct	*-132.49*	
			For 30 Degree Bend, Deduct	*-237.78*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.18*	

26 05 36 00-0262 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0263		EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	332.05	120.96
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.13*	
26 05 36 00-0264		EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	363.75	138.13
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.86*	
26 05 36 00-0265		EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	392.48	152.77
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.52*	
26 05 36 00-0266		EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	456.01	187.23
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.00*	
26 05 36 00-0267		EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	508.22	214.94
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.91*	
26 05 36 00-0268		EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	565.11	241.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.35*	
26 05 36 00-0269		EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	628.19	276.13
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.81*	

26 05 36 00-0270 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0271		EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	394.72	126.15
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.96*	
26 05 36 00-0272		EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	430.85	145.14
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.99*	
26 05 36 00-0273		EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	465.22	161.23
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.08*	
26 05 36 00-0274		EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	540.69	200.29
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.38*	
26 05 36 00-0275		EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	604.61	232.35
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.10*	
26 05 36 00-0276		EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	668.93	263.67
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.92*	
26 05 36 00-0277		EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	766.97	305.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.24*	

26 05 36 00-0278 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0279		EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	468.67	131.84
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.88*	
26 05 36 00-0280		EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	512.44	152.77
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.52*	
26 05 36 00-0281		EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	545.64	170.79
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.33*	
26 05 36 00-0282		EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	640.17	214.94
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.10*	
26 05 36 00-0283		EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	705.46	252.31
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.52*	
26 05 36 00-0284		EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	807.70	290.28
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.58*	
26 05 36 00-0285		EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	913.27	341.09
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.91*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0286		12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0287	EA	6" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	596.85	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.33*	
26 05 36 00-0288	EA	9" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	645.87	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.56*	
26 05 36 00-0289	EA	12" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	677.34	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.76*	
26 05 36 00-0290	EA	18" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	756.06	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.42*	
26 05 36 00-0291	EA	24" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	856.28	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.77*	
26 05 36 00-0292	EA	30" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	951.24	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.65*	
26 05 36 00-0293	EA	36" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,076.59	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.42*	
26 05 36 00-0294		24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0295	EA	6" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	749.14	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.89*	
26 05 36 00-0296	EA	9" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	805.18	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.47*	
26 05 36 00-0297	EA	12" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	840.56	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.87*	
26 05 36 00-0298	EA	18" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	922.00	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.35*	
26 05 36 00-0299	EA	24" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,024.10	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.17*	
26 05 36 00-0300	EA	30" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,101.63	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.93*	
26 05 36 00-0301	EA	36" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,329.98	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.76*	
26 05 36 00-0302		36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0303	EA	6" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	952.26	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.18*	
26 05 36 00-0304	EA	9" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,019.15	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.46*	
26 05 36 00-0305	EA	12" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,081.60	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.31*	
26 05 36 00-0306	EA	18" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,189.96	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.76*	
26 05 36 00-0307	EA	24" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,350.67	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.55*	
26 05 36 00-0308	EA	30" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,464.54	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.21*	
26 05 36 00-0309	EA	36" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,651.97	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.25*	
26 05 36 00-0310		12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0311	EA	6" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	715.02	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0312	EA	9" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	732.27	223.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.61*	
26 05 36 00-0313	EA	12" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	750.19	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.66*	
26 05 36 00-0314	EA	18" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	789.82	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.95*	
26 05 36 00-0315	EA	24" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	815.03	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.53*	
26 05 36 00-0316	EA	30" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	884.37	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.25*	
26 05 36 00-0317	EA	36" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	953.29	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.47*	
26 05 36 00-0318		**24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0319	EA	6" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,031.83	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.82*	
26 05 36 00-0320	EA	9" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,057.21	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.56*	
26 05 36 00-0321	EA	12" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,083.98	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.37*	
26 05 36 00-0322	EA	18" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,143.15	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.27*	
26 05 36 00-0323	EA	24" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,184.79	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.29*	
26 05 36 00-0324	EA	30" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,256.84	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.83*	
26 05 36 00-0325	EA	36" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,355.82	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.34*	
26 05 36 00-0326		**36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0327	EA	6" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,625.36	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.51*	
26 05 36 00-0328	EA	9" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,659.96	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-144.02*	
26 05 36 00-0329	EA	12" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,697.05	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-146.66*	
26 05 36 00-0330	EA	18" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,760.80	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-150.63*	
26 05 36 00-0331	EA	24" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,804.48	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-153.59*	
26 05 36 00-0332	EA	30" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,919.10	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-161.67*	
26 05 36 00-0333	EA	36" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,020.35	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-167.52*	
26 05 36 00-0334		**12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0335	EA	6" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	743.55	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.16*	
26 05 36 00-0336	EA	9" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	781.31	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.68*	
26 05 36 00-0337	EA	12" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	834.38	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.58*	
26 05 36 00-0338	EA	18" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	894.91	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.02*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0339		EA	24" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,007.75	386.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.54*	
26 05 36 00-0340		EA	30" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,125.35	414.27
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.02*	
26 05 36 00-0341		EA	36" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,229.84	446.92
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.74*	
26 05 36 00-0342			24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0343		EA	6" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,040.92	322.22
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.24*	
26 05 36 00-0344		EA	9" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,088.93	341.70
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.42*	
26 05 36 00-0345		EA	12" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,139.89	362.86
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.75*	
26 05 36 00-0346		EA	18" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,214.28	386.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.19*	
26 05 36 00-0347		EA	24" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,351.89	446.92
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.95*	
26 05 36 00-0348		EA	30" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,454.14	483.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.10*	
26 05 36 00-0349		EA	36" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,630.07	527.36
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.06*	
26 05 36 00-0350			36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0351		EA	6" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,308.88	362.86
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.65*	
26 05 36 00-0352		EA	9" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,380.14	386.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.78*	
26 05 36 00-0353		EA	12" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,457.06	414.27
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.19*	
26 05 36 00-0354		EA	18" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,589.72	446.92
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.73*	
26 05 36 00-0355		EA	24" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,817.83	527.36
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-137.83*	
26 05 36 00-0356		EA	30" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,983.12	579.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-150.01*	
26 05 36 00-0357		EA	36" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,171.37	645.65
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-163.33*	
26 05 36 00-0358			12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0359		EA	6" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	860.43	290.28
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.85*	
26 05 36 00-0360		EA	9" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	904.01	305.53
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.94*	
26 05 36 00-0361		EA	12" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	968.07	322.22
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.96*	
26 05 36 00-0362		EA	18" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,041.58	341.82
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.67*	
26 05 36 00-0363		EA	24" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,171.10	386.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.87*	
26 05 36 00-0364		EA	30" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,321.41	414.39
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.61*	
26 05 36 00-0365		EA	36" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,447.19	446.32
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.53*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0366		24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0367	EA	6" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,267.64	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.91*	
26 05 36 00-0368	EA	9" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,322.70	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.80*	
26 05 36 00-0369	EA	12" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,380.69	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.83*	
26 05 36 00-0370	EA	18" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,470.58	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.82*	
26 05 36 00-0371	EA	24" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,625.08	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.27*	
26 05 36 00-0372	EA	30" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,745.64	483.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.25*	
26 05 36 00-0373	EA	36" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,968.04	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-152.85*	
26 05 36 00-0374		36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0375	EA	6" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,625.72	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.33*	
26 05 36 00-0376	EA	9" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,711.07	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-138.87*	
26 05 36 00-0377	EA	12" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,802.08	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-145.69*	
26 05 36 00-0378	EA	18" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,969.93	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-159.75*	
26 05 36 00-0379	EA	24" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,240.29	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-180.08*	
26 05 36 00-0380	EA	30" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,440.79	579.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-195.78*	
26 05 36 00-0381	EA	36" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,664.24	645.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-212.62*	
26 05 36 00-0382		9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*		
26 05 36 00-0383		12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0384	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	284.28	121.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.32*	
26 05 36 00-0385	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	318.97	138.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.38*	
26 05 36 00-0386	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	351.02	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.38*	
26 05 36 00-0387	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	437.23	187.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.12*	
26 05 36 00-0388	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	499.09	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.00*	
26 05 36 00-0389	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	588.32	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.67*	
26 05 36 00-0390	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	677.26	276.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.69*	
26 05 36 00-0391		24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0392	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	379.79	126.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.47*	
26 05 36 00-0393	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	416.44	145.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.56*	
26 05 36 00-0394	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	450.03	161.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.56*	
26 05 36 00-0395	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	529.34	200.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.25*	
26 05 36 00-0396	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	597.11	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.35*	
26 05 36 00-0397	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	667.69	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.79*	
26 05 36 00-0398	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	780.27	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.57*	
26 05 36 00-0399		36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0400	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	407.52	131.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.76*	
26 05 36 00-0401	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	452.50	152.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.53*	
26 05 36 00-0402	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	492.05	170.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.97*	
26 05 36 00-0403	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	595.58	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.64*	
26 05 36 00-0404	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	681.34	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.11*	
26 05 36 00-0405	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	796.75	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.48*	
26 05 36 00-0406	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	910.01	341.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.58*	
26 05 36 00-0407		12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0408	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	210.39	87.93
		For 60 Degree Bend, Deduct	*-35.73*	
		For 30 Degree Bend, Deduct	*-64.44*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.71*	
26 05 36 00-0409	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	242.20	105.47
		For 60 Degree Bend, Deduct	*-39.52*	
		For 30 Degree Bend, Deduct	*-71.72*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.44*	
26 05 36 00-0410	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	270.70	120.96
		For 60 Degree Bend, Deduct	*-42.97*	
		For 30 Degree Bend, Deduct	*-78.33*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.99*	
26 05 36 00-0411	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	327.76	152.89
		For 60 Degree Bend, Deduct	*-49.57*	
		For 30 Degree Bend, Deduct	*-91.11*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.04*	
26 05 36 00-0412	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	405.94	187.23
		For 60 Degree Bend, Deduct	*-62.19*	
		For 30 Degree Bend, Deduct	*-114.05*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.99*	
26 05 36 00-0413	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	478.23	214.94
		For 60 Degree Bend, Deduct	*-75.41*	
		For 30 Degree Bend, Deduct	*-137.63*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.91*	
26 05 36 00-0414	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	545.73	252.31
		For 60 Degree Bend, Deduct	*-83.36*	
		For 30 Degree Bend, Deduct	*-152.96*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0415		24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0416	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	231.95	90.71
		For 60 Degree Bend, Deduct	*-41.79*	
		For 30 Degree Bend, Deduct	*-74.68*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.64*	
26 05 36 00-0417	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	268.32	109.34
		For 60 Degree Bend, Deduct	*-46.63*	
		For 30 Degree Bend, Deduct	*-83.79*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.72*	
26 05 36 00-0418	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	306.92	126.28
		For 60 Degree Bend, Deduct	*-52.88*	
		For 30 Degree Bend, Deduct	*-95.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.17*	
26 05 36 00-0419	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	367.89	161.23
		For 60 Degree Bend, Deduct	*-59.58*	
		For 30 Degree Bend, Deduct	*-108.26*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.35*	
26 05 36 00-0420	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	453.72	200.29
		For 60 Degree Bend, Deduct	*-72.96*	
		For 30 Degree Bend, Deduct	*-132.73*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.68*	
26 05 36 00-0421	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	530.61	232.35
		For 60 Degree Bend, Deduct	*-86.05*	
		For 30 Degree Bend, Deduct	*-156.32*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.70*	
26 05 36 00-0422	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	625.24	276.62
		For 60 Degree Bend, Deduct	*-100.31*	
		For 30 Degree Bend, Deduct	*-182.55*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.48*	
26 05 36 00-0423		36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0424	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	272.00	93.62
		For 60 Degree Bend, Deduct	*-53.89*	
		For 30 Degree Bend, Deduct	*-95.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.40*	
26 05 36 00-0425	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	312.03	113.69
		For 60 Degree Bend, Deduct	*-59.39*	
		For 30 Degree Bend, Deduct	*-105.31*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.73*	
26 05 36 00-0426	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	345.09	131.96
		For 60 Degree Bend, Deduct	*-63.30*	
		For 30 Degree Bend, Deduct	*-112.83*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.51*	
26 05 36 00-0427	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	420.34	170.79
		For 60 Degree Bend, Deduct	*-73.22*	
		For 30 Degree Bend, Deduct	*-131.53*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.80*	
26 05 36 00-0428	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	501.70	214.94
		For 60 Degree Bend, Deduct	*-83.16*	
		For 30 Degree Bend, Deduct	*-150.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.26*	
26 05 36 00-0429	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	605.71	252.31
		For 60 Degree Bend, Deduct	*-103.16*	
		For 30 Degree Bend, Deduct	*-185.94*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.54*	
26 05 36 00-0430	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	715.08	305.41
		For 60 Degree Bend, Deduct	*-118.89*	
		For 30 Degree Bend, Deduct	*-215.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.06*	
26 05 36 00-0431		12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0432	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	315.03	120.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.42*	
26 05 36 00-0433	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	346.35	138.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.12*	
26 05 36 00-0434	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	374.49	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.72*	
26 05 36 00-0435	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	437.23	187.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.12*	
26 05 36 00-0436	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	488.66	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.95*	
26 05 36 00-0437	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	543.99	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.24*	
26 05 36 00-0438	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	606.29	276.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.62*	
26 05 36 00-0439		**24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0440	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	370.66	126.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.55*	
26 05 36 00-0441	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	406.20	145.14
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.52*	
26 05 36 00-0442	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	439.60	161.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.52*	
26 05 36 00-0443	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	513.70	200.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.68*	
26 05 36 00-0444	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	576.25	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.27*	
26 05 36 00-0445	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	639.01	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.93*	
26 05 36 00-0446	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	733.33	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.88*	
26 05 36 00-0447		**36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0448	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	436.21	131.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.63*	
26 05 36 00-0449	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	478.80	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.15*	
26 05 36 00-0450	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	511.61	170.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.92*	
26 05 36 00-0451	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	603.40	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.43*	
26 05 36 00-0452	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	668.30	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.80*	
26 05 36 00-0453	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	765.45	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.35*	
26 05 36 00-0454	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	868.29	341.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.41*	
26 05 36 00-0455		**12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0456	EA	6" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	561.90	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.83*	
26 05 36 00-0457	EA	9" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	608.32	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0458	EA	12" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	637.70	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.79*	
26 05 36 00-0459	EA	18" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	710.69	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.88*	
26 05 36 00-0460	EA	24" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	803.09	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.45*	
26 05 36 00-0461	EA	30" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	887.61	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.29*	
26 05 36 00-0462	EA	36" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,004.62	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.23*	
26 05 36 00-0463		**24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0464	EA	6" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	694.38	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.41*	
26 05 36 00-0465	EA	9" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	747.81	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.73*	
26 05 36 00-0466	EA	12" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	781.10	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.92*	
26 05 36 00-0467	EA	18" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	857.85	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.93*	
26 05 36 00-0468	EA	24" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	954.22	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.18*	
26 05 36 00-0469	EA	30" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,025.48	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.31*	
26 05 36 00-0470	EA	36" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,232.45	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.01*	
26 05 36 00-0471		**36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0472	EA	6" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	870.37	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.99*	
26 05 36 00-0473	EA	9" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	934.13	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.96*	
26 05 36 00-0474	EA	12" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	990.85	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.23*	
26 05 36 00-0475	EA	18" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,092.43	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.00*	
26 05 36 00-0476	EA	24" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,240.62	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.54*	
26 05 36 00-0477	EA	30" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,344.58	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.22*	
26 05 36 00-0478	EA	36" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,523.15	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.36*	
26 05 36 00-0479		**12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0480	EA	6" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	655.56	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.64*	
26 05 36 00-0481	EA	9" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	672.29	223.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.61*	
26 05 36 00-0482	EA	12" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	689.68	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.61*	
26 05 36 00-0483	EA	18" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	728.28	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.80*	
26 05 36 00-0484	EA	24" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	752.45	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.27*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0485		EA	30" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	817.61	290.28
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.57*	
26 05 36 00-0486		EA	36" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	883.93	322.22
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.54*	
26 05 36 00-0487			24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0488		EA	6" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	924.39	232.35
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.08*	
26 05 36 00-0489		EA	9" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	948.20	241.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.66*	
26 05 36 00-0490		EA	12" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	973.41	252.31
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.31*	
26 05 36 00-0491		EA	18" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,029.45	276.62
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.90*	
26 05 36 00-0492		EA	24" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,067.96	290.28
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.61*	
26 05 36 00-0493		EA	30" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,136.88	322.22
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.83*	
26 05 36 00-0494		EA	36" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,230.64	362.86
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.83*	
26 05 36 00-0495			36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0496		EA	6" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,424.56	252.31
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.43*	
26 05 36 00-0497		EA	9" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,456.55	263.67
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.68*	
26 05 36 00-0498		EA	12" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,491.03	276.62
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-126.06*	
26 05 36 00-0499		EA	18" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,552.18	305.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.77*	
26 05 36 00-0500		EA	24" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,593.25	322.22
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.47*	
26 05 36 00-0501		EA	30" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,700.05	362.86
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.77*	
26 05 36 00-0502		EA	36" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,798.69	414.27
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-145.35*	
26 05 36 00-0503			12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0504		EA	6" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	700.26	290.28
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.84*	
26 05 36 00-0505		EA	9" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	735.94	305.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.14*	
26 05 36 00-0506		EA	12" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	784.83	322.22
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.63*	
26 05 36 00-0507		EA	18" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	840.67	341.70
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.59*	
26 05 36 00-0508		EA	24" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	947.24	386.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.49*	
26 05 36 00-0509		EA	30" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,052.85	414.27
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.77*	
26 05 36 00-0510		EA	36" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,149.00	446.92
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.66*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0511		24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0512	EA	6" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	956.95	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.84*	
26 05 36 00-0513	EA	9" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,002.35	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.76*	
26 05 36 00-0514	EA	12" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,050.70	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.83*	
26 05 36 00-0515	EA	18" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,119.36	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.70*	
26 05 36 00-0516	EA	24" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,250.70	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.83*	
26 05 36 00-0517	EA	30" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,346.17	483.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.30*	
26 05 36 00-0518	EA	36" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,504.89	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.54*	
26 05 36 00-0519		36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0520	EA	6" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,191.53	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.91*	
26 05 36 00-0521	EA	9" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,257.57	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.52*	
26 05 36 00-0522	EA	12" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,329.28	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.41*	
26 05 36 00-0523	EA	18" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,448.90	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.65*	
26 05 36 00-0524	EA	24" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,661.36	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-122.19*	
26 05 36 00-0525	EA	30" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,813.62	579.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-133.06*	
26 05 36 00-0526	EA	36" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,988.82	645.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-145.08*	
26 05 36 00-0527		12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0528	EA	6" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	797.66	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.58*	
26 05 36 00-0529	EA	9" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	838.21	305.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.36*	
26 05 36 00-0530	EA	12" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	896.22	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.77*	
26 05 36 00-0531	EA	18" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	962.93	341.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.81*	
26 05 36 00-0532	EA	24" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,083.37	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.10*	
26 05 36 00-0533	EA	30" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,216.29	414.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.09*	
26 05 36 00-0534	EA	36" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,329.97	446.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.80*	
26 05 36 00-0535		24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0536	EA	6" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,145.88	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.73*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0537	EA	9" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,197.16	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.24*	
26 05 36 00-0538	EA	12" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,251.37	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.90*	
26 05 36 00-0539	EA	18" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,332.94	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.06*	
26 05 36 00-0540	EA	24" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,478.36	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.60*	
26 05 36 00-0541	EA	30" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,589.09	483.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.59*	
26 05 36 00-0542	EA	36" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,786.53	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.70*	
26 05 36 00-0543		**36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0544	EA	6" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,455.56	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.32*	
26 05 36 00-0545	EA	9" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,533.35	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.10*	
26 05 36 00-0546	EA	12" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,616.79	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.16*	
26 05 36 00-0547	EA	18" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,765.74	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.33*	
26 05 36 00-0548	EA	24" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,013.41	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-157.39*	
26 05 36 00-0549	EA	30" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,195.01	579.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-171.20*	
26 05 36 00-0550	EA	36" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,399.55	645.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-186.15*	
26 05 36 00-0551		**12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings** *(26 05 36 00-0002)*		
26 05 36 00-0552		**12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0553	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	278.53	121.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.75*	
26 05 36 00-0554	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	312.76	138.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.76*	
26 05 36 00-0555	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	344.26	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.70*	
26 05 36 00-0556	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	428.47	187.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.24*	
26 05 36 00-0557	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	489.23	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.01*	
26 05 36 00-0558	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	575.36	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.38*	
26 05 36 00-0559	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	662.11	276.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.17*	
26 05 36 00-0560		**24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0561	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	367.92	126.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.28*	
26 05 36 00-0562	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	404.21	145.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0563	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	437.35	161.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.30*	
26 05 36 00-0564	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	515.65	200.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.88*	
26 05 36 00-0565	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	582.41	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.88*	
26 05 36 00-0566	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	651.72	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.20*	
26 05 36 00-0567	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	761.29	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.68*	
26 05 36 00-0568		**36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0569	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	394.38	131.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.45*	
26 05 36 00-0570	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	438.63	152.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.15*	
26 05 36 00-0571	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	477.54	170.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.52*	
26 05 36 00-0572	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	578.97	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.98*	
26 05 36 00-0573	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	663.09	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.28*	
26 05 36 00-0574	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	774.84	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.29*	
26 05 36 00-0575	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	886.10	341.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.19*	
26 05 36 00-0576		**12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0577	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	205.92	87.93
		For 60 Degree Bend, Deduct	*-34.26*	
		For 30 Degree Bend, Deduct	*-61.98*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.27*	
26 05 36 00-0578	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	237.54	105.47
		For 60 Degree Bend, Deduct	*-37.98*	
		For 30 Degree Bend, Deduct	*-69.15*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.97*	
26 05 36 00-0579	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	265.86	120.96
		For 60 Degree Bend, Deduct	*-41.37*	
		For 30 Degree Bend, Deduct	*-75.67*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.51*	
26 05 36 00-0580	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	322.65	152.89
		For 60 Degree Bend, Deduct	*-47.88*	
		For 30 Degree Bend, Deduct	*-88.30*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.53*	
26 05 36 00-0581	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	399.37	187.23
		For 60 Degree Bend, Deduct	*-60.02*	
		For 30 Degree Bend, Deduct	*-110.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.33*	
26 05 36 00-0582	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	469.83	214.94
		For 60 Degree Bend, Deduct	*-72.64*	
		For 30 Degree Bend, Deduct	*-133.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.07*	
26 05 36 00-0583	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	536.97	252.31
		For 60 Degree Bend, Deduct	*-80.47*	
		For 30 Degree Bend, Deduct	*-148.14*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.67*	
26 05 36 00-0584		**24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0585	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	226.29	90.71
		For 60 Degree Bend, Deduct	*-39.92*	
		For 30 Degree Bend, Deduct	*-71.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.07*	
26 05 36 00-0586	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	262.29	109.34
		For 60 Degree Bend, Deduct	*-44.64*	
		For 30 Degree Bend, Deduct	*-80.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.12*	
26 05 36 00-0587	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	300.16	126.28
		For 60 Degree Bend, Deduct	*-50.65*	
		For 30 Degree Bend, Deduct	*-91.44*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.49*	
26 05 36 00-0588	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	360.95	161.23
		For 60 Degree Bend, Deduct	*-57.29*	
		For 30 Degree Bend, Deduct	*-104.45*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.66*	
26 05 36 00-0589	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	445.32	200.29
		For 60 Degree Bend, Deduct	*-70.19*	
		For 30 Degree Bend, Deduct	*-128.11*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.84*	
26 05 36 00-0590	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	520.57	232.35
		For 60 Degree Bend, Deduct	*-82.74*	
		For 30 Degree Bend, Deduct	*-150.80*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.70*	
26 05 36 00-0591	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	613.74	276.62
		For 60 Degree Bend, Deduct	*-96.52*	
		For 30 Degree Bend, Deduct	*-176.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.33*	
26 05 36 00-0592		36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0593	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	263.87	93.62
		For 60 Degree Bend, Deduct	*-51.21*	
		For 30 Degree Bend, Deduct	*-90.55*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.59*	
26 05 36 00-0594	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	303.45	113.69
		For 60 Degree Bend, Deduct	*-56.56*	
		For 30 Degree Bend, Deduct	*-100.59*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.87*	
26 05 36 00-0595	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	336.33	131.96
		For 60 Degree Bend, Deduct	*-60.41*	
		For 30 Degree Bend, Deduct	*-108.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.64*	
26 05 36 00-0596	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	410.84	170.79
		For 60 Degree Bend, Deduct	*-70.09*	
		For 30 Degree Bend, Deduct	*-126.31*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.85*	
26 05 36 00-0597	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	491.66	214.94
		For 60 Degree Bend, Deduct	*-79.85*	
		For 30 Degree Bend, Deduct	*-145.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.25*	
26 05 36 00-0598	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	592.75	252.31
		For 60 Degree Bend, Deduct	*-98.88*	
		For 30 Degree Bend, Deduct	*-178.82*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.25*	
26 05 36 00-0599	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	700.66	305.41
		For 60 Degree Bend, Deduct	*-114.13*	
		For 30 Degree Bend, Deduct	*-207.19*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.61*	
26 05 36 00-0600		12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0601	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	307.09	120.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.63*	
26 05 36 00-0602	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	338.22	138.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0603	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	366.09	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.88*	
26 05 36 00-0604	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	428.47	187.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.24*	
26 05 36 00-0605	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	479.53	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.04*	
26 05 36 00-0606	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	534.13	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.25*	
26 05 36 00-0607	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	596.06	276.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.59*	
26 05 36 00-0608		**24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0609	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	359.43	126.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.43*	
26 05 36 00-0610	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	394.70	145.14
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.37*	
26 05 36 00-0611	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	427.64	161.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.32*	
26 05 36 00-0612	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	501.10	200.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.42*	
26 05 36 00-0613	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	563.01	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.94*	
26 05 36 00-0614	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	625.04	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.53*	
26 05 36 00-0615	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	717.63	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.31*	
26 05 36 00-0616		**36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0617	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	421.06	131.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.12*	
26 05 36 00-0618	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	463.10	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.58*	
26 05 36 00-0619	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	495.73	170.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.34*	
26 05 36 00-0620	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	586.24	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.71*	
26 05 36 00-0621	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	650.96	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.07*	
26 05 36 00-0622	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	745.74	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.38*	
26 05 36 00-0623	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	847.29	341.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.31*	
26 05 36 00-0624		**12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0625	EA	6" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	544.43	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.08*	
26 05 36 00-0626	EA	9" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	589.55	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.93*	
26 05 36 00-0627	EA	12" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	617.88	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.81*	
26 05 36 00-0628	EA	18" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	688.00	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.61*	
26 05 36 00-0629	EA	24" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	776.49	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.79*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0630	EA	30" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	855.80	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.11*	
26 05 36 00-0631	EA	36" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	968.63	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.63*	
26 05 36 00-0632		24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0633	EA	6" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	667.00	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.67*	
26 05 36 00-0634	EA	9" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	719.12	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.86*	
26 05 36 00-0635	EA	12" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	751.37	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.95*	
26 05 36 00-0636	EA	18" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	825.77	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.72*	
26 05 36 00-0637	EA	24" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	919.27	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.69*	
26 05 36 00-0638	EA	30" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	987.40	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.50*	
26 05 36 00-0639	EA	36" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,183.68	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.13*	
26 05 36 00-0640		36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0641	EA	6" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	829.43	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.90*	
26 05 36 00-0642	EA	9" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	891.62	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.71*	
26 05 36 00-0643	EA	12" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	945.47	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.69*	
26 05 36 00-0644	EA	18" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,043.66	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.13*	
26 05 36 00-0645	EA	24" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,185.59	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.04*	
26 05 36 00-0646	EA	30" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,284.60	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.22*	
26 05 36 00-0647	EA	36" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,458.73	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.92*	
26 05 36 00-0648		12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0649	EA	6" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	625.83	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.67*	
26 05 36 00-0650	EA	9" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	642.30	223.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.61*	
26 05 36 00-0651	EA	12" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	659.43	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.58*	
26 05 36 00-0652	EA	18" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	697.51	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.72*	
26 05 36 00-0653	EA	24" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	721.15	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.14*	
26 05 36 00-0654	EA	30" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	784.23	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.23*	
26 05 36 00-0655	EA	36" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	849.24	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.07*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0656		**24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0657	EA	6" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	870.67	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.71*	
26 05 36 00-0658	EA	9" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	893.70	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.21*	
26 05 36 00-0659	EA	12" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	918.13	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.79*	
26 05 36 00-0660	EA	18" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	972.60	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.21*	
26 05 36 00-0661	EA	24" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,009.54	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.76*	
26 05 36 00-0662	EA	30" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,076.90	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.84*	
26 05 36 00-0663	EA	36" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,168.05	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.57*	
26 05 36 00-0664		**36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0665	EA	6" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,324.16	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.39*	
26 05 36 00-0666	EA	9" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,354.85	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.51*	
26 05 36 00-0667	EA	12" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,388.02	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.75*	
26 05 36 00-0668	EA	18" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,447.87	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.33*	
26 05 36 00-0669	EA	24" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,487.63	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.91*	
26 05 36 00-0670	EA	30" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,590.52	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.81*	
26 05 36 00-0671	EA	36" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,687.85	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.27*	
26 05 36 00-0672		**12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0673	EA	6" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	678.61	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.67*	
26 05 36 00-0674	EA	9" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	713.25	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.87*	
26 05 36 00-0675	EA	12" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	760.06	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.15*	
26 05 36 00-0676	EA	18" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	813.55	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.88*	
26 05 36 00-0677	EA	24" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	916.99	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.46*	
26 05 36 00-0678	EA	30" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,016.61	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.14*	
26 05 36 00-0679	EA	36" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,108.58	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.62*	
26 05 36 00-0680		**24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0681	EA	6" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	914.96	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0682	EA	9" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	959.07	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.43*	
26 05 36 00-0683	EA	12" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,006.11	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.37*	
26 05 36 00-0684	EA	18" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,071.90	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.95*	
26 05 36 00-0685	EA	24" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,200.11	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.77*	
26 05 36 00-0686	EA	30" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,292.19	483.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.90*	
26 05 36 00-0687	EA	36" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,442.30	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.28*	
26 05 36 00-0688		**36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0689	EA	6" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,132.85	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.05*	
26 05 36 00-0690	EA	9" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,196.29	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.39*	
26 05 36 00-0691	EA	12" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,265.39	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.02*	
26 05 36 00-0692	EA	18" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,378.49	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.61*	
26 05 36 00-0693	EA	24" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,583.13	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.36*	
26 05 36 00-0694	EA	30" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,728.86	579.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.58*	
26 05 36 00-0695	EA	36" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,897.55	645.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.95*	
26 05 36 00-0696		**12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0697	EA	6" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	766.27	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.44*	
26 05 36 00-0698	EA	9" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	805.32	305.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.07*	
26 05 36 00-0699	EA	12" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	860.30	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.18*	
26 05 36 00-0700	EA	18" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	923.60	341.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.88*	
26 05 36 00-0701	EA	24" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,039.51	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.71*	
26 05 36 00-0702	EA	30" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,163.73	414.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.84*	
26 05 36 00-0703	EA	36" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,271.36	446.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.94*	
26 05 36 00-0704		**24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0705	EA	6" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,085.00	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.65*	
26 05 36 00-0706	EA	9" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,134.39	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.97*	
26 05 36 00-0707	EA	12" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,186.71	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.43*	
26 05 36 00-0708	EA	18" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,264.12	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0709	EA	24" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,405.01	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.26*	
26 05 36 00-0710	EA	30" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,510.82	483.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.76*	
26 05 36 00-0711	EA	36" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,695.78	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.63*	

26 05 36 00-0712 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0713	EA	6" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,370.49	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.81*	
26 05 36 00-0714	EA	9" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,444.49	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.21*	
26 05 36 00-0715	EA	12" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,524.15	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.90*	
26 05 36 00-0716	EA	18" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,663.65	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.13*	
26 05 36 00-0717	EA	24" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,899.97	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-146.05*	
26 05 36 00-0718	EA	30" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,072.11	579.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-158.91*	
26 05 36 00-0719	EA	36" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,267.20	645.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-172.92*	

26 05 36 00-0720 Dropout Or End Plates And Reducers *(26 05 36 00-0002)*

26 05 36 00-0721 Straight Reducers *(26 05 36 00-0720)*

26 05 36 00-0722	EA	9"-6" Reducer, Steel Cable Tray	268.77	89.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.44*	
26 05 36 00-0723	EA	12"-9" Reducer, Steel Cable Tray	283.67	96.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.31*	
26 05 36 00-0724	EA	18"-12" Reducer, Steel Cable Tray	308.54	111.52
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.56*	
26 05 36 00-0725	EA	24"-18" Reducer, Steel Cable Tray	340.24	129.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.27*	
26 05 36 00-0726	EA	30"-24" Reducer, Steel Cable Tray	369.69	145.14
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.87*	
26 05 36 00-0727	EA	36"-30" Reducer, Steel Cable Tray	419.83	165.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.16*	

26 05 36 00-0728 Reducers *(26 05 36 00-0720)*

26 05 36 00-0729	EA	18"-6" Reducer, Steel Cable Tray	313.86	111.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.08*	
26 05 36 00-0730	EA	24"-12" Reducer, Steel Cable Tray	345.77	129.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.81*	
26 05 36 00-0731	EA	30"-12" Reducer, Steel Cable Tray	379.93	145.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.91*	
26 05 36 00-0732	EA	30"-18" Reducer, Steel Cable Tray	384.95	144.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.42*	
26 05 36 00-0733	EA	36"-12" Reducer, Steel Cable Tray	422.44	165.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.42*	
26 05 36 00-0734	EA	36"-18" Reducer, Steel Cable Tray	434.91	170.18
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.31*	
26 05 36 00-0735	EA	36"-24" Reducer, Steel Cable Tray	449.19	175.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.28*	

26 05 36 00-0736 Dropout Or End Plate *(26 05 36 00-0720)*

26 05 36 00-0737	EA	6" Dropout Or End Plate, Steel Cable Tray	73.90	36.29
26 05 36 00-0738	EA	9" Dropout Or End Plate, Steel Cable Tray	84.85	41.49
26 05 36 00-0739	EA	12" Dropout Or End Plate, Steel Cable Tray	91.59	44.63
26 05 36 00-0740	EA	18" Dropout Or End Plate, Steel Cable Tray	108.13	52.74
26 05 36 00-0741	EA	24" Dropout Or End Plate, Steel Cable Tray	121.27	58.06
26 05 36 00-0742	EA	30" Dropout Or End Plate, Steel Cable Tray	134.39	64.47
26 05 36 00-0743	EA	36" Dropout Or End Plate, Steel Cable Tray	151.73	72.57

26 05 36 00-0744 Ladder Bottom Aluminum Cable Tray *(26 05 36 00-0001)*

Note: 4-5/8" Height

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0745		**Straight Tray Sections** *(26 05 36 00-0744)*		
26 05 36 00-0746		**4" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0747	LF	6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	131.67	8.47
		For Class 12C Instead Of Class 12B, Add	*18.33*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.58*	
26 05 36 00-0748	LF	9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	139.26	8.95
		For Class 12C Instead Of Class 12B, Add	*19.40*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.96*	
26 05 36 00-0749	LF	12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	146.84	9.31
		For Class 12C Instead Of Class 12B, Add	*20.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.34*	
26 05 36 00-0750	LF	18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	163.20	10.16
		For Class 12C Instead Of Class 12B, Add	*22.78*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.16*	
26 05 36 00-0751	LF	24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	188.87	10.88
		For Class 12C Instead Of Class 12B, Add	*26.53*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.44*	
26 05 36 00-0752	LF	30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	207.30	11.62
		For Class 12C Instead Of Class 12B, Add	*29.17*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.37*	
26 05 36 00-0753	LF	36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	223.53	12.34
		For Class 12C Instead Of Class 12B, Add	*31.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.18*	
26 05 36 00-0754		**6" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0755	LF	6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	120.99	8.47
		For Class 12C Instead Of Class 12B, Add	*16.73*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.05*	
26 05 36 00-0756	LF	9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	127.95	8.95
		For Class 12C Instead Of Class 12B, Add	*17.71*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.40*	
26 05 36 00-0757	LF	12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	134.91	9.31
		For Class 12C Instead Of Class 12B, Add	*18.68*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.75*	
26 05 36 00-0758	LF	18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	149.92	10.16
		For Class 12C Instead Of Class 12B, Add	*20.79*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.50*	
26 05 36 00-0759	LF	24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	173.34	10.88
		For Class 12C Instead Of Class 12B, Add	*24.20*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.67*	
26 05 36 00-0760	LF	30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	190.21	11.62
		For Class 12C Instead Of Class 12B, Add	*26.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.51*	
26 05 36 00-0761	LF	36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	205.09	12.34
		For Class 12C Instead Of Class 12B, Add	*28.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.25*	
26 05 36 00-0762		**9" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0763	LF	6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	107.37	8.11
		For Class 12C Instead Of Class 12B, Add	*14.75*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.37*	
26 05 36 00-0764	LF	9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	108.48	8.47
		For Class 12C Instead Of Class 12B, Add	*14.86*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.42*	
26 05 36 00-0765	LF	12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	116.46	8.95
		For Class 12C Instead Of Class 12B, Add	*15.99*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.82*	
26 05 36 00-0766	LF	18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	124.32	9.55
		For Class 12C Instead Of Class 12B, Add	*17.06*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.22*	
26 05 36 00-0767	LF	24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	141.57	9.92
		For Class 12C Instead Of Class 12B, Add	*19.59*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0768	LF	30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	156.98	10.64
		For Class 12C Instead Of Class 12B, Add	*21.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.85*	
26 05 36 00-0769	LF	36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	166.35	11.62
		For Class 12C Instead Of Class 12B, Add	*23.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.32*	
26 05 36 00-0770		**12" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0771	LF	6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	105.33	7.86
		For Class 12C Instead Of Class 12B, Add	*14.49*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.27*	
26 05 36 00-0772	LF	9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	106.32	8.11
		For Class 12C Instead Of Class 12B, Add	*14.59*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.32*	
26 05 36 00-0773	LF	12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	110.25	8.59
		For Class 12C Instead Of Class 12B, Add	*15.10*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.51*	
26 05 36 00-0774	LF	18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	116.82	9.07
		For Class 12C Instead Of Class 12B, Add	*16.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.84*	
26 05 36 00-0775	LF	24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	128.49	9.19
		For Class 12C Instead Of Class 12B, Add	*17.73*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.42*	
26 05 36 00-0776	LF	30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	137.78	10.16
		For Class 12C Instead Of Class 12B, Add	*18.98*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.89*	
26 05 36 00-0777	LF	36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	145.45	11.00
		For Class 12C Instead Of Class 12B, Add	*19.99*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.27*	
26 05 36 00-0778		**18" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0779	LF	6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	104.45	7.62
		For Class 12C Instead Of Class 12B, Add	*14.39*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.22*	
26 05 36 00-0780	LF	9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	103.88	7.99
		For Class 12C Instead Of Class 12B, Add	*14.26*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.19*	
26 05 36 00-0781	LF	12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	109.65	8.23
		For Class 12C Instead Of Class 12B, Add	*15.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.48*	
26 05 36 00-0782	LF	18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	115.57	8.71
		For Class 12C Instead Of Class 12B, Add	*15.89*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.78*	
26 05 36 00-0783	LF	24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	123.61	8.83
		For Class 12C Instead Of Class 12B, Add	*17.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.18*	
26 05 36 00-0784	LF	30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	128.60	9.67
		For Class 12C Instead Of Class 12B, Add	*17.69*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.43*	
26 05 36 00-0785	LF	36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	135.34	10.52
		For Class 12C Instead Of Class 12B, Add	*18.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.77*	
26 05 36 00-0786		**4" Rung Tray Fittings** *(26 05 36 00-0744)*		
26 05 36 00-0787		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0788	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	353.45	121.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.67*	
26 05 36 00-0789	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	385.45	138.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.27*	
26 05 36 00-0790	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	438.41	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0791	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	518.93	187.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.95*	
26 05 36 00-0792	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	614.94	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.75*	
26 05 36 00-0793	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	675.16	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.76*	
26 05 36 00-0794	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	790.26	276.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.51*	
26 05 36 00-0795		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0796	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	478.44	126.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.92*	
26 05 36 00-0797	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	521.37	145.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.07*	
26 05 36 00-0798	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	561.85	161.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.09*	
26 05 36 00-0799	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	651.72	200.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.59*	
26 05 36 00-0800	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	735.79	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.79*	
26 05 36 00-0801	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	820.68	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.03*	
26 05 36 00-0802	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	938.12	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.91*	
26 05 36 00-0803		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0804	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	514.74	131.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.74*	
26 05 36 00-0805	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	556.95	152.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.85*	
26 05 36 00-0806	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	621.84	170.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.09*	
26 05 36 00-0807	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	737.52	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.88*	
26 05 36 00-0808	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	849.62	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.48*	
26 05 36 00-0809	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	955.00	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.75*	
26 05 36 00-0810	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,108.54	341.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.43*	
26 05 36 00-0811		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0812	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	246.10	87.93
		For 60 Degree Bend, Deduct	*-47.52*	
		For 30 Degree Bend, Deduct	*-84.08*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.31*	
26 05 36 00-0813	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	279.13	105.47
		For 60 Degree Bend, Deduct	*-51.70*	
		For 30 Degree Bend, Deduct	*-92.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.96*	
26 05 36 00-0814	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	308.85	120.96
		For 60 Degree Bend, Deduct	*-55.55*	
		For 30 Degree Bend, Deduct	*-99.31*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.44*	
26 05 36 00-0815	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	381.16	152.89
		For 60 Degree Bend, Deduct	*-67.19*	
		For 30 Degree Bend, Deduct	*-120.48*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0816	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	469.12	187.23
		For 60 Degree Bend, Deduct	*-83.04*	
		For 30 Degree Bend, Deduct	*-148.80*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.46*	
26 05 36 00-0817	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	538.32	214.94
		For 60 Degree Bend, Deduct	*-95.24*	
		For 30 Degree Bend, Deduct	*-170.68*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.92*	
26 05 36 00-0818	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	608.27	252.31
		For 60 Degree Bend, Deduct	*-104.00*	
		For 30 Degree Bend, Deduct	*-187.35*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.41*	
26 05 36 00-0819		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0820	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	285.19	90.71
		For 60 Degree Bend, Deduct	*-59.36*	
		For 30 Degree Bend, Deduct	*-103.97*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.26*	
26 05 36 00-0821	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	331.66	109.34
		For 60 Degree Bend, Deduct	*-67.53*	
		For 30 Degree Bend, Deduct	*-118.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.58*	
26 05 36 00-0822	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	363.66	126.28
		For 60 Degree Bend, Deduct	*-71.61*	
		For 30 Degree Bend, Deduct	*-126.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.18*	
26 05 36 00-0823	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	433.52	161.23
		For 60 Degree Bend, Deduct	*-81.24*	
		For 30 Degree Bend, Deduct	*-144.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.68*	
26 05 36 00-0824	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	525.30	200.29
		For 60 Degree Bend, Deduct	*-96.58*	
		For 30 Degree Bend, Deduct	*-172.10*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.27*	
26 05 36 00-0825	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	617.03	232.35
		For 60 Degree Bend, Deduct	*-114.57*	
		For 30 Degree Bend, Deduct	*-203.85*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.85*	
26 05 36 00-0826	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	702.29	276.62
		For 60 Degree Bend, Deduct	*-125.74*	
		For 30 Degree Bend, Deduct	*-224.93*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.11*	
26 05 36 00-0827		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0828	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	336.00	93.62
		For 60 Degree Bend, Deduct	*-75.01*	
		For 30 Degree Bend, Deduct	*-130.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.80*	
26 05 36 00-0829	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	373.34	113.69
		For 60 Degree Bend, Deduct	*-79.63*	
		For 30 Degree Bend, Deduct	*-139.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.67*	
26 05 36 00-0830	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	407.63	131.96
		For 60 Degree Bend, Deduct	*-83.94*	
		For 30 Degree Bend, Deduct	*-147.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.38*	
26 05 36 00-0831	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	491.60	170.79
		For 60 Degree Bend, Deduct	*-96.74*	
		For 30 Degree Bend, Deduct	*-170.72*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.58*	
26 05 36 00-0832	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	611.11	214.94
		For 60 Degree Bend, Deduct	*-119.26*	
		For 30 Degree Bend, Deduct	*-210.72*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.56*	
26 05 36 00-0833	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	688.72	252.31
		For 60 Degree Bend, Deduct	*-130.55*	
		For 30 Degree Bend, Deduct	*-231.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0834	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	804.04	305.41
		For 60 Degree Bend, Deduct	*-148.25*	
		For 30 Degree Bend, Deduct	*-264.05*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.20*	
26 05 36 00-0835		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-0786)*		
26 05 36 00-0836	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	389.71	120.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.49*	
26 05 36 00-0837	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	428.68	138.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.43*	
26 05 36 00-0838	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	456.33	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.82*	
26 05 36 00-0839	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	520.70	187.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.04*	
26 05 36 00-0840	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	577.18	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.86*	
26 05 36 00-0841	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	632.34	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.62*	
26 05 36 00-0842	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	696.26	276.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.81*	
26 05 36 00-0843		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-0786)*		
26 05 36 00-0844	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	413.79	126.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.69*	
26 05 36 00-0845	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	453.97	145.14
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.70*	
26 05 36 00-0846	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	485.99	161.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.30*	
26 05 36 00-0847	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	562.93	200.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.15*	
26 05 36 00-0848	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	630.03	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.50*	
26 05 36 00-0849	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	696.04	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.80*	
26 05 36 00-0850	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	782.69	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.13*	
26 05 36 00-0851		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-0786)*		
26 05 36 00-0852	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	534.44	131.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.72*	
26 05 36 00-0853	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	576.05	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.80*	
26 05 36 00-0854	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	626.77	170.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.34*	
26 05 36 00-0855	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	713.99	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.70*	
26 05 36 00-0856	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	789.96	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.50*	
26 05 36 00-0857	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	880.58	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.03*	
26 05 36 00-0858	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	982.26	341.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.11*	
26 05 36 00-0859		**12" Radius Horizontal Tees** *(26 05 36 00-0786)*		
26 05 36 00-0860	EA	6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	604.17	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0861	EA	9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	651.78	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.59*	
26 05 36 00-0862	EA	12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	674.29	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.71*	
26 05 36 00-0863	EA	18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	764.83	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.24*	
26 05 36 00-0864	EA	24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	846.57	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.33*	
26 05 36 00-0865	EA	30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	928.74	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.44*	
26 05 36 00-0866	EA	36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,075.16	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.76*	
26 05 36 00-0867		**24" Radius Horizontal Tees** *(26 05 36 00-0786)*		
26 05 36 00-0868	EA	6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	790.51	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.53*	
26 05 36 00-0869	EA	9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	852.24	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.61*	
26 05 36 00-0870	EA	12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	885.78	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.29*	
26 05 36 00-0871	EA	18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	974.63	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.73*	
26 05 36 00-0872	EA	24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,081.44	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.07*	
26 05 36 00-0873	EA	30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,167.65	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.38*	
26 05 36 00-0874	EA	36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,545.16	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.26*	
26 05 36 00-0875		**36" Radius Horizontal Tees** *(26 05 36 00-0786)*		
26 05 36 00-0876	EA	6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	983.86	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.19*	
26 05 36 00-0877	EA	9" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,046.20	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.31*	
26 05 36 00-0878	EA	12" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,124.03	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.20*	
26 05 36 00-0879	EA	18" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,223.73	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.19*	
26 05 36 00-0880	EA	24" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,373.36	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.67*	
26 05 36 00-0881	EA	30" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,609.19	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*80.46*	
26 05 36 00-0882	EA	36" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,839.47	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-140.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*91.97*	
26 05 36 00-0883		**12" Radius Vertical Tees** *(26 05 36 00-0786)*		
26 05 36 00-0884	EA	6" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	845.61	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.28*	
26 05 36 00-0885	EA	9" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	873.96	223.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.70*	
26 05 36 00-0886	EA	12" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	892.30	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.62*	
26 05 36 00-0887	EA	18" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	936.36	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.82*	
26 05 36 00-0888	EA	24" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	997.99	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.90*	

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26 05 36 00-0889	EA	30" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,052.96	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.65*	
26 05 36 00-0890	EA	36" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,124.03	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.20*	
26 05 36 00-0891		**24" Radius Vertical Tees** *(26 05 36 00-0786)*		
26 05 36 00-0892	EA	6" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,212.45	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.62*	
26 05 36 00-0893	EA	9" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,239.12	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.96*	
26 05 36 00-0894	EA	12" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,267.18	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.36*	
26 05 36 00-0895	EA	18" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,332.47	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.62*	
26 05 36 00-0896	EA	24" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,376.67	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.83*	
26 05 36 00-0897	EA	30" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,451.29	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.56*	
26 05 36 00-0898	EA	36" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,600.79	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*80.04*	
26 05 36 00-0899		**36" Radius Vertical Tee** *(26 05 36 00-0786)*		
26 05 36 00-0900	EA	6" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,990.54	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-178.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*99.53*	
26 05 36 00-0901	EA	9" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,029.87	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-181.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*101.49*	
26 05 36 00-0902	EA	12" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,071.69	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-184.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*103.58*	
26 05 36 00-0903	EA	18" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,140.22	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-188.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*107.01*	
26 05 36 00-0904	EA	24" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,188.63	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-192.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*109.43*	
26 05 36 00-0905	EA	30" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,317.46	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-201.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*115.87*	
26 05 36 00-0906	EA	36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,423.45	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-207.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*121.17*	
26 05 36 00-0907		**12" Radius Horizontal Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0908	EA	6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	786.17	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.31*	
26 05 36 00-0909	EA	9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	843.44	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.17*	
26 05 36 00-0910	EA	12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	875.03	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.75*	
26 05 36 00-0911	EA	18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	978.54	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.93*	
26 05 36 00-0912	EA	24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,068.05	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.40*	
26 05 36 00-0913	EA	30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,188.38	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.42*	
26 05 36 00-0914	EA	36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,367.30	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.37*	
26 05 36 00-0915		**24" Radius Horizontal Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0916	EA	6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,116.92	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0917	EA	9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,167.07	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.35*	
26 05 36 00-0918	EA	12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,220.17	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.01*	
26 05 36 00-0919	EA	18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,292.15	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.61*	
26 05 36 00-0920	EA	24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,449.12	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.46*	
26 05 36 00-0921	EA	30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,525.07	483.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.25*	
26 05 36 00-0922	EA	36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,689.26	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*84.46*	
26 05 36 00-0923		**36" Radius Horizontal Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0924	EA	6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,287.76	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.39*	
26 05 36 00-0925	EA	9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,322.77	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.14*	
26 05 36 00-0926	EA	12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,409.08	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.45*	
26 05 36 00-0927	EA	18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,548.72	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.44*	
26 05 36 00-0928	EA	24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,875.04	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*93.75*	
26 05 36 00-0929	EA	30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,068.82	579.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-158.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*103.44*	
26 05 36 00-0930	EA	36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,303.33	645.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-176.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*115.17*	
26 05 36 00-0931		**12" Radius Vertical Cross** *(26 05 36 00-0786)*		
26 05 36 00-0932	EA	6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	786.17	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.31*	
26 05 36 00-0933	EA	9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	843.62	305.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.18*	
26 05 36 00-0934	EA	12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	874.94	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.75*	
26 05 36 00-0935	EA	18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	978.75	341.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.94*	
26 05 36 00-0936	EA	24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,068.05	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.40*	
26 05 36 00-0937	EA	30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,188.70	414.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.44*	
26 05 36 00-0938	EA	36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,366.38	446.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.32*	
26 05 36 00-0939		**24" Radius Vertical Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0940	EA	6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,116.92	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.85*	
26 05 36 00-0941	EA	9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,167.07	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.35*	
26 05 36 00-0942	EA	12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,220.17	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.01*	
26 05 36 00-0943	EA	18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,292.15	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.61*	
26 05 36 00-0944	EA	24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,449.12	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0945	EA	30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,560.49	483.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.02*	
26 05 36 00-0946	EA	36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,729.19	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*86.46*	
26 05 36 00-0947		36" Radius Vertical Crosses *(26 05 36 00-0786)*		
26 05 36 00-0948	EA	6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,595.10	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.76*	
26 05 36 00-0949	EA	9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,676.33	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*83.82*	
26 05 36 00-0950	EA	12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,783.86	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*89.19*	
26 05 36 00-0951	EA	18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,910.49	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-153.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*95.52*	
26 05 36 00-0952	EA	24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,323.25	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-188.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*116.16*	
26 05 36 00-0953	EA	30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,565.05	579.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-208.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*128.25*	
26 05 36 00-0954	EA	36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,855.59	645.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-231.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*142.78*	
26 05 36 00-0955		6" Rung Tray Fittings *(26 05 36 00-0744)*		
26 05 36 00-0956		90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0955)*		
26 05 36 00-0957	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	331.83	121.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.59*	
26 05 36 00-0958	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	363.29	138.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.16*	
26 05 36 00-0959	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	412.14	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.61*	
26 05 36 00-0960	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	489.37	187.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.47*	
26 05 36 00-0961	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	578.27	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.91*	
26 05 36 00-0962	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	636.30	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.82*	
26 05 36 00-0963	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	743.20	276.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.16*	
26 05 36 00-0964		90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0955)*		
26 05 36 00-0965	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	440.13	126.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.01*	
26 05 36 00-0966	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	481.42	145.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.07*	
26 05 36 00-0967	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	519.98	161.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.00*	
26 05 36 00-0968	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	606.30	200.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.32*	
26 05 36 00-0969	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	685.99	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.30*	
26 05 36 00-0970	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	766.23	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.31*	
26 05 36 00-0971	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	876.82	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.84*	
26 05 36 00-0972		90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0955)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0973	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	472.60	131.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.63*	
26 05 36 00-0974	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	513.71	152.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.69*	
26 05 36 00-0975	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	573.69	170.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.68*	
26 05 36 00-0976	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	683.34	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.17*	
26 05 36 00-0977	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	788.32	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.42*	
26 05 36 00-0978	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	887.69	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.38*	
26 05 36 00-0979	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,031.38	341.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.57*	
26 05 36 00-0980		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0981	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	231.87	87.93
		For 60 Degree Bend, Deduct	*-42.82*	
		For 30 Degree Bend, Deduct	*-76.25*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.59*	
26 05 36 00-0982	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	264.36	105.47
		For 60 Degree Bend, Deduct	*-46.83*	
		For 30 Degree Bend, Deduct	*-83.90*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.22*	
26 05 36 00-0983	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	293.53	120.96
		For 60 Degree Bend, Deduct	*-50.50*	
		For 30 Degree Bend, Deduct	*-90.89*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.68*	
26 05 36 00-0984	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	363.10	152.89
		For 60 Degree Bend, Deduct	*-61.23*	
		For 30 Degree Bend, Deduct	*-110.55*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.16*	
26 05 36 00-0985	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	446.69	187.23
		For 60 Degree Bend, Deduct	*-75.63*	
		For 30 Degree Bend, Deduct	*-136.46*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.33*	
26 05 36 00-0986	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	512.60	214.94
		For 60 Degree Bend, Deduct	*-86.76*	
		For 30 Degree Bend, Deduct	*-156.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.63*	
26 05 36 00-0987	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	581.46	252.31
		For 60 Degree Bend, Deduct	*-95.15*	
		For 30 Degree Bend, Deduct	*-172.61*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.07*	
26 05 36 00-0988		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0989	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	266.04	90.71
		For 60 Degree Bend, Deduct	*-53.04*	
		For 30 Degree Bend, Deduct	*-93.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.30*	
26 05 36 00-0990	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	310.32	109.34
		For 60 Degree Bend, Deduct	*-60.49*	
		For 30 Degree Bend, Deduct	*-106.89*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.52*	
26 05 36 00-0991	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	341.77	126.28
		For 60 Degree Bend, Deduct	*-64.39*	
		For 30 Degree Bend, Deduct	*-114.32*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.09*	
26 05 36 00-0992	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	409.98	161.23
		For 60 Degree Bend, Deduct	*-73.47*	
		For 30 Degree Bend, Deduct	*-131.41*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0993	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	497.94	200.29
		For 60 Degree Bend, Deduct	*-87.56*	
		For 30 Degree Bend, Deduct	*-157.05*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.90*	
26 05 36 00-0994	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	584.20	232.35
		For 60 Degree Bend, Deduct	*-103.73*	
		For 30 Degree Bend, Deduct	*-185.80*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.21*	
26 05 36 00-0995	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	667.82	276.62
		For 60 Degree Bend, Deduct	*-114.36*	
		For 30 Degree Bend, Deduct	*-205.97*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.39*	
26 05 36 00-0996		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0997	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	310.28	93.62
		For 60 Degree Bend, Deduct	*-66.52*	
		For 30 Degree Bend, Deduct	*-116.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.51*	
26 05 36 00-0998	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	347.07	113.69
		For 60 Degree Bend, Deduct	*-70.96*	
		For 30 Degree Bend, Deduct	*-124.58*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.35*	
26 05 36 00-0999	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	380.82	131.96
		For 60 Degree Bend, Deduct	*-75.09*	
		For 30 Degree Bend, Deduct	*-132.48*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.04*	
26 05 36 00-1000	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	462.04	170.79
		For 60 Degree Bend, Deduct	*-86.99*	
		For 30 Degree Bend, Deduct	*-154.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.10*	
26 05 36 00-1001	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	574.99	214.94
		For 60 Degree Bend, Deduct	*-107.34*	
		For 30 Degree Bend, Deduct	*-190.85*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.75*	
26 05 36 00-1002	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	650.41	252.31
		For 60 Degree Bend, Deduct	*-117.91*	
		For 30 Degree Bend, Deduct	*-210.53*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.52*	
26 05 36 00-1003	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	761.90	305.41
		For 60 Degree Bend, Deduct	*-134.34*	
		For 30 Degree Bend, Deduct	*-240.87*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.10*	
26 05 36 00-1004		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-0955)*		
26 05 36 00-1005	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	374.66	120.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.73*	
26 05 36 00-1006	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	412.81	138.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.64*	
26 05 36 00-1007	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	440.19	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.01*	
26 05 36 00-1008	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	504.01	187.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.20*	
26 05 36 00-1009	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	559.66	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.98*	
26 05 36 00-1010	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	614.00	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.70*	
26 05 36 00-1011	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	677.38	276.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.87*	
26 05 36 00-1012		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-0955)*		
26 05 36 00-1013	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	397.51	126.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1014	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	437.01	145.14
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.85*	
26 05 36 00-1015	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	468.61	161.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.43*	
26 05 36 00-1016	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	544.59	200.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.23*	
26 05 36 00-1017	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	610.60	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.53*	
26 05 36 00-1018	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	675.52	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.78*	
26 05 36 00-1019	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	760.80	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.04*	
26 05 36 00-1020		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-0955)*		
26 05 36 00-1021	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	509.26	131.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.46*	
26 05 36 00-1022	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	550.33	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.52*	
26 05 36 00-1023	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	599.41	170.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.97*	
26 05 36 00-1024	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	685.53	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.28*	
26 05 36 00-1025	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	760.41	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.02*	
26 05 36 00-1026	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	848.84	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.44*	
26 05 36 00-1027	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	949.15	341.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.46*	
26 05 36 00-1028		**12" Radius Horizontal Tees** *(26 05 36 00-0955)*		
26 05 36 00-1029	EA	6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	587.48	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.37*	
26 05 36 00-1030	EA	9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	633.99	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.70*	
26 05 36 00-1031	EA	12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	656.23	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.81*	
26 05 36 00-1032	EA	18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	743.21	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.16*	
26 05 36 00-1033	EA	24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	822.76	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.14*	
26 05 36 00-1034	EA	30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	901.10	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.06*	
26 05 36 00-1035	EA	36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,042.05	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.10*	
26 05 36 00-1036		**24" Radius Horizontal Tees** *(26 05 36 00-0955)*		
26 05 36 00-1037	EA	6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	762.05	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.10*	
26 05 36 00-1038	EA	9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	822.14	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.11*	
26 05 36 00-1039	EA	12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	854.85	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.74*	
26 05 36 00-1040	EA	18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	940.97	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.05*	
26 05 36 00-1041	EA	24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,044.77	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.24*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1042	EA	30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,127.43	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.37*	
26 05 36 00-1043	EA	36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,483.60	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*74.18*	
26 05 36 00-1044		**36" Radius Horizontal Tees** *(26 05 36 00-0955)*		
26 05 36 00-1045	EA	6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	943.64	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.18*	
26 05 36 00-1046	EA	9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,004.88	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.24*	
26 05 36 00-1047	EA	12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,078.88	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.94*	
26 05 36 00-1048	EA	18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,176.11	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.81*	
26 05 36 00-1049	EA	24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,320.82	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.04*	
26 05 36 00-1050	EA	30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,542.70	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.14*	
26 05 36 00-1051	EA	36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,765.59	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*88.28*	
26 05 36 00-1052		**12" Radius Vertical Tees** *(26 05 36 00-0955)*		
26 05 36 00-1053	EA	6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	808.12	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.41*	
26 05 36 00-1054	EA	9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	835.38	223.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.77*	
26 05 36 00-1055	EA	12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	853.45	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.67*	
26 05 36 00-1056	EA	18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	896.68	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.83*	
26 05 36 00-1057	EA	24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	955.03	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.75*	
26 05 36 00-1058	EA	30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,009.18	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.46*	
26 05 36 00-1059	EA	36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,078.88	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.94*	
26 05 36 00-1060		**24" Radius Vertical Tees** *(26 05 36 00-0955)*		
26 05 36 00-1061	EA	6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,148.97	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.45*	
26 05 36 00-1062	EA	9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,174.81	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.74*	
26 05 36 00-1063	EA	12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,202.05	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.10*	
26 05 36 00-1064	EA	18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,265.43	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.27*	
26 05 36 00-1065	EA	24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,307.99	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.40*	
26 05 36 00-1066	EA	30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,380.97	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.05*	
26 05 36 00-1067	EA	36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,524.17	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-122.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.21*	
26 05 36 00-1068		**36" Radius Vertical Tees** *(26 05 36 00-0955)*		
26 05 36 00-1069	EA	6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,869.77	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-165.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*93.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1070	EA	9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,907.53	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-168.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*95.38*	
26 05 36 00-1071	EA	12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,947.79	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-171.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*97.39*	
26 05 36 00-1072	EA	18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,014.75	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-176.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*100.74*	
26 05 36 00-1073	EA	24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,061.59	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-179.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*103.08*	
26 05 36 00-1074	EA	30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,185.72	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-188.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*109.29*	
26 05 36 00-1075	EA	36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,290.13	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-194.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*114.51*	
26 05 36 00-1076		**12" Radius Horizontal Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1077	EA	6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	762.91	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.15*	
26 05 36 00-1078	EA	9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	817.72	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.89*	
26 05 36 00-1079	EA	12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	849.03	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.45*	
26 05 36 00-1080	EA	18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	947.07	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.35*	
26 05 36 00-1081	EA	24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,035.49	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.77*	
26 05 36 00-1082	EA	30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,150.07	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.50*	
26 05 36 00-1083	EA	36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,319.42	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.97*	
26 05 36 00-1084		**24" Radius Horizontal Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1085	EA	6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,072.31	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.62*	
26 05 36 00-1086	EA	9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,121.10	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.06*	
26 05 36 00-1087	EA	12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,172.83	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.64*	
26 05 36 00-1088	EA	18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,242.35	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.12*	
26 05 36 00-1089	EA	24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,394.94	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.75*	
26 05 36 00-1090	EA	30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,502.48	483.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.12*	
26 05 36 00-1091	EA	36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,663.80	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-122.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*83.19*	
26 05 36 00-1092		**36" Radius Horizontal Crosses** *(26 05 36 00-0955)*		
26 05 36 00-1093	EA	6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,235.22	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.76*	
26 05 36 00-1094	EA	9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,301.46	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.07*	
26 05 36 00-1095	EA	12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,386.49	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.32*	
26 05 36 00-1096	EA	18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,486.88	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*74.34*	
26 05 36 00-1097	EA	24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,798.42	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*89.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1098	EA	30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,983.99	579.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-150.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*99.20*	
26 05 36 00-1099	EA	36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,208.93	645.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-167.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*110.45*	
26 05 36 00-1100		12" Radius Vertical Crosses *(26 05 36 00-0955)*		
26 05 36 00-1101	EA	6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	762.91	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.15*	
26 05 36 00-1102	EA	9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	817.90	305.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.90*	
26 05 36 00-1103	EA	12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	848.94	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.45*	
26 05 36 00-1104	EA	18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	947.28	341.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.36*	
26 05 36 00-1105	EA	24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,035.49	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.77*	
26 05 36 00-1106	EA	30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,150.39	414.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.52*	
26 05 36 00-1107	EA	36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,318.50	446.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.93*	
26 05 36 00-1108		24" Radius Vertical Crosses *(26 05 36 00-0955)*		
26 05 36 00-1109	EA	6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,072.31	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.62*	
26 05 36 00-1110	EA	9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,121.10	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.06*	
26 05 36 00-1111	EA	12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,172.83	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.64*	
26 05 36 00-1112	EA	18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,242.35	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.12*	
26 05 36 00-1113	EA	24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,394.94	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.75*	
26 05 36 00-1114	EA	30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,502.48	483.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.12*	
26 05 36 00-1115	EA	36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,663.80	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-122.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*83.19*	
26 05 36 00-1116		36" Radius Vertical Crosses *(26 05 36 00-0955)*		
26 05 36 00-1117	EA	6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,518.92	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.95*	
26 05 36 00-1118	EA	9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,596.98	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.85*	
26 05 36 00-1119	EA	12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,699.74	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*84.99*	
26 05 36 00-1120	EA	18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,820.82	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-144.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*91.04*	
26 05 36 00-1121	EA	24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,212.16	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-177.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*110.61*	
26 05 36 00-1122	EA	30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,442.05	579.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-195.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*122.10*	
26 05 36 00-1123	EA	36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,718.70	645.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-218.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*135.94*	
26 05 36 00-1124		9" Rung Tray Fittings *(26 05 36 00-0744)*		
26 05 36 00-1125		90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1124)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1126	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	310.21	121.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.51*	
26 05 36 00-1127	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	341.12	138.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.06*	
26 05 36 00-1128	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	385.87	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.29*	
26 05 36 00-1129	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	459.82	187.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.99*	
26 05 36 00-1130	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	541.60	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.08*	
26 05 36 00-1131	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	597.45	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.87*	
26 05 36 00-1132	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	696.13	276.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.81*	
26 05 36 00-1133		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1134	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	401.82	126.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.09*	
26 05 36 00-1135	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	441.47	145.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.07*	
26 05 36 00-1136	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	478.12	161.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.91*	
26 05 36 00-1137	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	560.87	200.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.04*	
26 05 36 00-1138	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	636.19	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.81*	
26 05 36 00-1139	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	711.77	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.59*	
26 05 36 00-1140	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	815.53	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.78*	
26 05 36 00-1141		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1142	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	430.46	131.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.52*	
26 05 36 00-1143	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	470.48	152.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.52*	
26 05 36 00-1144	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	525.53	170.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.28*	
26 05 36 00-1145	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	629.17	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.46*	
26 05 36 00-1146	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	727.03	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.35*	
26 05 36 00-1147	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	820.38	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.02*	
26 05 36 00-1148	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	954.21	341.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.71*	
26 05 36 00-1149		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1150	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	217.64	87.93
		For 60 Degree Bend, Deduct	*-38.13*	
		For 30 Degree Bend, Deduct	*-68.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.88*	
26 05 36 00-1151	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	249.58	105.47
		For 60 Degree Bend, Deduct	*-41.95*	
		For 30 Degree Bend, Deduct	*-75.77*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1152	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	278.21	120.96
		For 60 Degree Bend, Deduct	*-45.44*	
		For 30 Degree Bend, Deduct	*-82.46*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.91*	
26 05 36 00-1153	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	345.04	152.89
		For 60 Degree Bend, Deduct	*-55.27*	
		For 30 Degree Bend, Deduct	*-100.61*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.25*	
26 05 36 00-1154	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	424.25	187.23
		For 60 Degree Bend, Deduct	*-68.23*	
		For 30 Degree Bend, Deduct	*-124.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.21*	
26 05 36 00-1155	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	486.88	214.94
		For 60 Degree Bend, Deduct	*-78.27*	
		For 30 Degree Bend, Deduct	*-142.39*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.34*	
26 05 36 00-1156	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	554.64	252.31
		For 60 Degree Bend, Deduct	*-86.30*	
		For 30 Degree Bend, Deduct	*-157.86*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.73*	
26 05 36 00-1157		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1158	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	246.88	90.71
		For 60 Degree Bend, Deduct	*-46.72*	
		For 30 Degree Bend, Deduct	*-82.90*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.34*	
26 05 36 00-1159	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	288.98	109.34
		For 60 Degree Bend, Deduct	*-53.44*	
		For 30 Degree Bend, Deduct	*-95.15*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.45*	
26 05 36 00-1160	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	319.88	126.28
		For 60 Degree Bend, Deduct	*-57.16*	
		For 30 Degree Bend, Deduct	*-102.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.99*	
26 05 36 00-1161	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	386.45	161.23
		For 60 Degree Bend, Deduct	*-65.71*	
		For 30 Degree Bend, Deduct	*-118.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.32*	
26 05 36 00-1162	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	470.58	200.29
		For 60 Degree Bend, Deduct	*-78.53*	
		For 30 Degree Bend, Deduct	*-142.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.53*	
26 05 36 00-1163	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	551.36	232.35
		For 60 Degree Bend, Deduct	*-92.90*	
		For 30 Degree Bend, Deduct	*-167.74*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.57*	
26 05 36 00-1164	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	633.34	276.62
		For 60 Degree Bend, Deduct	*-102.98*	
		For 30 Degree Bend, Deduct	*-187.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.67*	
26 05 36 00-1165		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1166	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	284.56	93.62
		For 60 Degree Bend, Deduct	*-58.04*	
		For 30 Degree Bend, Deduct	*-101.93*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.23*	
26 05 36 00-1167	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	320.80	113.69
		For 60 Degree Bend, Deduct	*-62.29*	
		For 30 Degree Bend, Deduct	*-110.13*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.04*	
26 05 36 00-1168	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	354.00	131.96
		For 60 Degree Bend, Deduct	*-66.24*	
		For 30 Degree Bend, Deduct	*-117.73*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.70*	
26 05 36 00-1169	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	432.49	170.79
		For 60 Degree Bend, Deduct	*-77.23*	
		For 30 Degree Bend, Deduct	*-138.21*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1170	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	538.87	214.94
		For 60 Degree Bend, Deduct	*-95.43*	
		For 30 Degree Bend, Deduct	*-170.98*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.94*	
26 05 36 00-1171	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	612.10	252.31
		For 60 Degree Bend, Deduct	*-105.26*	
		For 30 Degree Bend, Deduct	*-189.46*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.61*	
26 05 36 00-1172	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	719.76	305.41
		For 60 Degree Bend, Deduct	*-120.44*	
		For 30 Degree Bend, Deduct	*-217.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.99*	
26 05 36 00-1173		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1124)*		
26 05 36 00-1174	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	352.09	120.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.60*	
26 05 36 00-1175	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	389.01	138.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.45*	
26 05 36 00-1176	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	415.97	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.80*	
26 05 36 00-1177	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	478.98	187.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.95*	
26 05 36 00-1178	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	533.39	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.67*	
26 05 36 00-1179	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	586.50	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.33*	
26 05 36 00-1180	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	649.06	276.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.45*	
26 05 36 00-1181		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1124)*		
26 05 36 00-1182	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	373.09	126.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.65*	
26 05 36 00-1183	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	411.56	145.14
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.58*	
26 05 36 00-1184	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	442.55	161.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.13*	
26 05 36 00-1185	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	517.09	200.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.85*	
26 05 36 00-1186	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	581.46	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.07*	
26 05 36 00-1187	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	644.73	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.24*	
26 05 36 00-1188	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	727.97	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.40*	
26 05 36 00-1189		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1124)*		
26 05 36 00-1190	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	471.50	131.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.58*	
26 05 36 00-1191	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	511.74	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.59*	
26 05 36 00-1192	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	558.36	170.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.92*	
26 05 36 00-1193	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	642.85	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.14*	
26 05 36 00-1194	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	716.08	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.80*	
26 05 36 00-1195	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	801.22	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1196	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	899.48	341.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.97*	
26 05 36 00-1197		**12" Radius Horizontal Tees** *(26 05 36 00-1124)*		
26 05 36 00-1198	EA	6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	554.10	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.71*	
26 05 36 00-1199	EA	9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	598.42	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.92*	
26 05 36 00-1200	EA	12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	620.11	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.01*	
26 05 36 00-1201	EA	18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	699.98	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.00*	
26 05 36 00-1202	EA	24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	775.15	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.76*	
26 05 36 00-1203	EA	30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	845.83	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.29*	
26 05 36 00-1204	EA	36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	975.83	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.79*	
26 05 36 00-1205		**24" Radius Horizontal Tees** *(26 05 36 00-1124)*		
26 05 36 00-1206	EA	6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	705.14	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.26*	
26 05 36 00-1207	EA	9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	761.95	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.10*	
26 05 36 00-1208	EA	12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	793.01	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.65*	
26 05 36 00-1209	EA	18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	873.66	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.68*	
26 05 36 00-1210	EA	24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	971.44	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.57*	
26 05 36 00-1211	EA	30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,046.98	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.35*	
26 05 36 00-1212	EA	36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,360.46	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.02*	
26 05 36 00-1213		**36" Radius Horizontal Tees** *(26 05 36 00-1124)*		
26 05 36 00-1214	EA	6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	863.19	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.16*	
26 05 36 00-1215	EA	9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	922.24	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.11*	
26 05 36 00-1216	EA	12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	988.58	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.43*	
26 05 36 00-1217	EA	18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,080.89	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.04*	
26 05 36 00-1218	EA	24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,215.74	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.79*	
26 05 36 00-1219	EA	30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,409.72	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.49*	
26 05 36 00-1220	EA	36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,617.83	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*80.89*	
26 05 36 00-1221		**12" Radius Vertical Tees** *(26 05 36 00-1124)*		
26 05 36 00-1222	EA	6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	733.15	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.66*	
26 05 36 00-1223	EA	9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	758.21	223.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1224	EA	12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	775.74	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.79*	
26 05 36 00-1225	EA	18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	817.33	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.87*	
26 05 36 00-1226	EA	24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	869.11	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.46*	
26 05 36 00-1227	EA	30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	921.62	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.08*	
26 05 36 00-1228	EA	36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	988.58	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.43*	
26 05 36 00-1229		**24" Radius Vertical Tees** *(26 05 36 00-1124)*		
26 05 36 00-1230	EA	6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,022.01	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.10*	
26 05 36 00-1231	EA	9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,046.21	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.31*	
26 05 36 00-1232	EA	12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,071.80	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.59*	
26 05 36 00-1233	EA	18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,131.35	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.57*	
26 05 36 00-1234	EA	24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,170.63	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.53*	
26 05 36 00-1235	EA	30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,240.32	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.02*	
26 05 36 00-1236	EA	36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,370.94	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.55*	
26 05 36 00-1237		**36" Radius Vertical Tees** *(26 05 36 00-1124)*		
26 05 36 00-1238	EA	6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,628.23	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.41*	
26 05 36 00-1239	EA	9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,662.86	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-144.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*83.14*	
26 05 36 00-1240	EA	12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,699.98	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-146.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.00*	
26 05 36 00-1241	EA	18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,763.80	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-150.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*88.19*	
26 05 36 00-1242	EA	24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,807.51	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-153.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*90.38*	
26 05 36 00-1243	EA	30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,922.23	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-161.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*96.11*	
26 05 36 00-1244	EA	36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,023.51	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-167.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*101.18*	
26 05 36 00-1245		**12" Radius Horizontal Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1246	EA	6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	716.40	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.82*	
26 05 36 00-1247	EA	9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	766.27	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.31*	
26 05 36 00-1248	EA	12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	797.04	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.85*	
26 05 36 00-1249	EA	18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	884.14	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.21*	
26 05 36 00-1250	EA	24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	970.36	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.52*	
26 05 36 00-1251	EA	30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,073.45	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1252	EA	36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,223.65	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.18*	
26 05 36 00-1253		**24" Radius Horizontal Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1254	EA	6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	983.11	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.16*	
26 05 36 00-1255	EA	9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,029.16	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.46*	
26 05 36 00-1256	EA	12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,078.15	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.91*	
26 05 36 00-1257	EA	18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,142.75	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.14*	
26 05 36 00-1258	EA	24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,286.58	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.33*	
26 05 36 00-1259	EA	30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,386.46	483.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.32*	
26 05 36 00-1260	EA	36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,533.00	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.65*	
26 05 36 00-1261		**36" Radius Horizontal Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1262	EA	6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,130.14	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.51*	
26 05 36 00-1263	EA	9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,192.00	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.60*	
26 05 36 00-1264	EA	12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,270.47	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.52*	
26 05 36 00-1265	EA	18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,363.20	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.16*	
26 05 36 00-1266	EA	24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,645.19	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*82.26*	
26 05 36 00-1267	EA	30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,814.34	579.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-133.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*90.72*	
26 05 36 00-1268	EA	36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,020.12	645.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-148.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*101.01*	
26 05 36 00-1269		**12" Radius Vertical Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1270	EA	6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	716.40	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.82*	
26 05 36 00-1271	EA	9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	766.27	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.31*	
26 05 36 00-1272	EA	12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	797.04	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.85*	
26 05 36 00-1273	EA	18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	884.14	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.21*	
26 05 36 00-1274	EA	24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	970.36	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.52*	
26 05 36 00-1275	EA	30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,073.45	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.67*	
26 05 36 00-1276	EA	36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,221.82	445.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.09*	
26 05 36 00-1277		**24" Radius Vertical Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1278	EA	6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	983.11	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.16*	
26 05 36 00-1279	EA	9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,029.16	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1280	EA	12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,078.15	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.91*	
26 05 36 00-1281	EA	18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,142.75	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.14*	
26 05 36 00-1282	EA	24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,286.58	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.33*	
26 05 36 00-1283	EA	30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,386.46	483.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.32*	
26 05 36 00-1284	EA	36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,533.00	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.65*	
26 05 36 00-1285		**36" Radius Vertical Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1286	EA	6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,366.56	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.33*	
26 05 36 00-1287	EA	9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,438.27	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.91*	
26 05 36 00-1288	EA	12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,531.51	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.58*	
26 05 36 00-1289	EA	18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,641.48	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-126.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*82.07*	
26 05 36 00-1290	EA	24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,989.97	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-155.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*99.50*	
26 05 36 00-1291	EA	30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,196.06	579.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-171.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*109.80*	
26 05 36 00-1292	EA	36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,444.93	645.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-190.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*122.25*	
26 05 36 00-1293		**12" Rung Tray Fittings** *(26 05 36 00-0744)*		
26 05 36 00-1294		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1295	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	302.65	121.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.13*	
26 05 36 00-1296	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	333.36	138.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.67*	
26 05 36 00-1297	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	376.68	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.83*	
26 05 36 00-1298	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	449.48	187.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.47*	
26 05 36 00-1299	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	528.77	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.44*	
26 05 36 00-1300	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	583.85	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.19*	
26 05 36 00-1301	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	679.66	276.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.98*	
26 05 36 00-1302		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1303	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	388.41	126.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.42*	
26 05 36 00-1304	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	427.49	145.02
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.37*	
26 05 36 00-1305	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	463.47	161.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.17*	
26 05 36 00-1306	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	544.98	200.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.25*	
26 05 36 00-1307	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	618.75	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1308	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	692.72	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.64*	
26 05 36 00-1309	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	794.08	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.70*	
26 05 36 00-1310		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1311	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	415.71	131.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.79*	
26 05 36 00-1312	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	455.35	152.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.77*	
26 05 36 00-1313	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	508.67	170.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.43*	
26 05 36 00-1314	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	610.20	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.51*	
26 05 36 00-1315	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	705.58	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.28*	
26 05 36 00-1316	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	796.82	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.84*	
26 05 36 00-1317	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	927.20	341.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.36*	
26 05 36 00-1318		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1319	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	212.66	87.93
		For 60 Degree Bend, Deduct	*-36.48*	
		For 30 Degree Bend, Deduct	*-65.69*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.63*	
26 05 36 00-1320	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	244.41	105.47
		For 60 Degree Bend, Deduct	*-40.24*	
		For 30 Degree Bend, Deduct	*-72.93*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.22*	
26 05 36 00-1321	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	272.84	120.96
		For 60 Degree Bend, Deduct	*-43.67*	
		For 30 Degree Bend, Deduct	*-79.51*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.64*	
26 05 36 00-1322	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	338.72	152.89
		For 60 Degree Bend, Deduct	*-53.19*	
		For 30 Degree Bend, Deduct	*-97.14*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.94*	
26 05 36 00-1323	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	416.40	187.23
		For 60 Degree Bend, Deduct	*-65.64*	
		For 30 Degree Bend, Deduct	*-119.80*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.82*	
26 05 36 00-1324	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	477.87	214.94
		For 60 Degree Bend, Deduct	*-75.30*	
		For 30 Degree Bend, Deduct	*-137.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.89*	
26 05 36 00-1325	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	545.25	252.31
		For 60 Degree Bend, Deduct	*-83.20*	
		For 30 Degree Bend, Deduct	*-152.69*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.26*	
26 05 36 00-1326		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1327	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	240.18	90.71
		For 60 Degree Bend, Deduct	*-44.50*	
		For 30 Degree Bend, Deduct	*-79.21*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.01*	
26 05 36 00-1328	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	281.51	109.34
		For 60 Degree Bend, Deduct	*-50.98*	
		For 30 Degree Bend, Deduct	*-91.04*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1329	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	312.22	126.28
		For 60 Degree Bend, Deduct	*-54.63*	
		For 30 Degree Bend, Deduct	*-98.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.61*	
26 05 36 00-1330	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	378.22	161.23
		For 60 Degree Bend, Deduct	*-62.99*	
		For 30 Degree Bend, Deduct	*-113.94*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.91*	
26 05 36 00-1331	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	461.00	200.29
		For 60 Degree Bend, Deduct	*-75.37*	
		For 30 Degree Bend, Deduct	*-136.73*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.05*	
26 05 36 00-1332	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	539.87	232.35
		For 60 Degree Bend, Deduct	*-89.11*	
		For 30 Degree Bend, Deduct	*-161.42*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.99*	
26 05 36 00-1333	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	621.27	276.62
		For 60 Degree Bend, Deduct	*-99.00*	
		For 30 Degree Bend, Deduct	*-180.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.06*	
26 05 36 00-1334		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1335	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	275.55	93.62
		For 60 Degree Bend, Deduct	*-55.06*	
		For 30 Degree Bend, Deduct	*-96.97*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.78*	
26 05 36 00-1336	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	311.61	113.69
		For 60 Degree Bend, Deduct	*-59.26*	
		For 30 Degree Bend, Deduct	*-105.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.58*	
26 05 36 00-1337	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	344.61	131.96
		For 60 Degree Bend, Deduct	*-63.14*	
		For 30 Degree Bend, Deduct	*-112.56*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.23*	
26 05 36 00-1338	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	422.15	170.79
		For 60 Degree Bend, Deduct	*-73.82*	
		For 30 Degree Bend, Deduct	*-132.53*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.11*	
26 05 36 00-1339	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	526.23	214.94
		For 60 Degree Bend, Deduct	*-91.25*	
		For 30 Degree Bend, Deduct	*-164.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.31*	
26 05 36 00-1340	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	598.69	252.31
		For 60 Degree Bend, Deduct	*-100.84*	
		For 30 Degree Bend, Deduct	*-182.08*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.93*	
26 05 36 00-1341	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	705.01	305.41
		For 60 Degree Bend, Deduct	*-115.57*	
		For 30 Degree Bend, Deduct	*-209.58*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.25*	
26 05 36 00-1342		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1293)*		
26 05 36 00-1343	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	337.04	120.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.85*	
26 05 36 00-1344	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	373.14	138.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.66*	
26 05 36 00-1345	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	399.83	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.99*	
26 05 36 00-1346	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	462.28	187.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.11*	
26 05 36 00-1347	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	515.88	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.79*	
26 05 36 00-1348	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	568.17	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1349	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	630.18	276.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.51*	
26 05 36 00-1350		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1293)*		
26 05 36 00-1351	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	356.81	126.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.84*	
26 05 36 00-1352	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	394.60	145.14
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.73*	
26 05 36 00-1353	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	425.17	161.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.26*	
26 05 36 00-1354	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	498.76	200.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.94*	
26 05 36 00-1355	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	562.03	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.10*	
26 05 36 00-1356	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	624.21	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.21*	
26 05 36 00-1357	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	706.08	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.30*	
26 05 36 00-1358		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1293)*		
26 05 36 00-1359	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	446.33	131.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.32*	
26 05 36 00-1360	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	486.02	152.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.30*	
26 05 36 00-1361	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	531.00	170.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.55*	
26 05 36 00-1362	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	614.39	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.72*	
26 05 36 00-1363	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	686.53	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.33*	
26 05 36 00-1364	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	769.48	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.47*	
26 05 36 00-1365	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	866.38	341.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.32*	
26 05 36 00-1366		**12" Radius Horizontal Tees** *(26 05 36 00-1293)*		
26 05 36 00-1367	EA	6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	537.40	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.87*	
26 05 36 00-1368	EA	9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	580.63	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.03*	
26 05 36 00-1369	EA	12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	602.05	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.10*	
26 05 36 00-1370	EA	18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	678.36	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.92*	
26 05 36 00-1371	EA	24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	751.34	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.57*	
26 05 36 00-1372	EA	30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	818.19	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.91*	
26 05 36 00-1373	EA	36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	942.73	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.14*	
26 05 36 00-1374		**24" Radius Horizontal Tees** *(26 05 36 00-1293)*		
26 05 36 00-1375	EA	6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	676.68	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.83*	
26 05 36 00-1376	EA	9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	731.85	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1377	EA	12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	762.09	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.10*	
26 05 36 00-1378	EA	18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	840.00	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.00*	
26 05 36 00-1379	EA	24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	934.77	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.74*	
26 05 36 00-1380	EA	30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,006.76	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.34*	
26 05 36 00-1381	EA	36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,298.89	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.94*	

26 05 36 00-1382 36" Radius Horizontal Tees *(26 05 36 00-1293)*

26 05 36 00-1383	EA	6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	822.97	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.15*	
26 05 36 00-1384	EA	9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	880.93	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.05*	
26 05 36 00-1385	EA	12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	943.43	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.17*	
26 05 36 00-1386	EA	18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,033.28	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.66*	
26 05 36 00-1387	EA	24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,163.21	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.16*	
26 05 36 00-1388	EA	30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,343.22	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.16*	
26 05 36 00-1389	EA	36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,543.95	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.20*	

26 05 36 00-1390 12" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1391	EA	6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	695.66	214.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.78*	
26 05 36 00-1392	EA	9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	719.63	223.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.98*	
26 05 36 00-1393	EA	12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	736.88	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.84*	
26 05 36 00-1394	EA	18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	777.65	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.88*	
26 05 36 00-1395	EA	24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	826.15	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.31*	
26 05 36 00-1396	EA	30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	877.84	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.89*	
26 05 36 00-1397	EA	36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	943.43	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.17*	

26 05 36 00-1398 24" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1399	EA	6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	958.52	232.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.93*	
26 05 36 00-1400	EA	9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	981.90	241.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.10*	
26 05 36 00-1401	EA	12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,006.68	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.33*	
26 05 36 00-1402	EA	18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,064.31	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.22*	
26 05 36 00-1403	EA	24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,101.94	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.10*	
26 05 36 00-1404	EA	30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,170.00	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1405	EA	36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,294.32	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.72*	
26 05 36 00-1406		**36" Radius Vertical Tees** *(26 05 36 00-1293)*		
26 05 36 00-1407	EA	6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,507.47	252.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.37*	
26 05 36 00-1408	EA	9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,540.53	263.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.03*	
26 05 36 00-1409	EA	12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,576.08	276.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.80*	
26 05 36 00-1410	EA	18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,638.33	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-138.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.92*	
26 05 36 00-1411	EA	24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,680.47	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*84.02*	
26 05 36 00-1412	EA	30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,790.48	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-148.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*89.52*	
26 05 36 00-1413	EA	36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,890.19	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-154.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*94.51*	
26 05 36 00-1414		**12" Radius Horizontal Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1415	EA	6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	693.14	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.66*	
26 05 36 00-1416	EA	9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	740.55	305.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.03*	
26 05 36 00-1417	EA	12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	771.05	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.55*	
26 05 36 00-1418	EA	18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	852.67	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.63*	
26 05 36 00-1419	EA	24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	937.80	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.89*	
26 05 36 00-1420	EA	30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,035.15	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.76*	
26 05 36 00-1421	EA	36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,175.76	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.79*	
26 05 36 00-1422		**24" Radius Horizontal Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1423	EA	6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	938.51	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.93*	
26 05 36 00-1424	EA	9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	983.19	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.16*	
26 05 36 00-1425	EA	12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,030.81	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.54*	
26 05 36 00-1426	EA	18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,092.95	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.65*	
26 05 36 00-1427	EA	24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,232.40	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.62*	
26 05 36 00-1428	EA	30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,328.45	483.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.42*	
26 05 36 00-1429	EA	36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,467.60	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.38*	
26 05 36 00-1430		**36" Radius Horizontal Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1431	EA	6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,077.61	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.88*	
26 05 36 00-1432	EA	9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,137.28	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1433	EA	12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,212.46	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.62*	
26 05 36 00-1434	EA	18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,301.36	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.07*	
26 05 36 00-1435	EA	24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,568.57	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.43*	
26 05 36 00-1436	EA	30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,729.51	579.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*86.48*	
26 05 36 00-1437	EA	36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,925.72	645.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-138.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*96.29*	
26 05 36 00-1438		**12" Radius Vertical Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1439	EA	6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	693.14	290.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.66*	
26 05 36 00-1440	EA	9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	740.73	305.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.04*	
26 05 36 00-1441	EA	12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	770.96	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.55*	
26 05 36 00-1442	EA	18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	852.88	341.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.64*	
26 05 36 00-1443	EA	24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	937.80	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.89*	
26 05 36 00-1444	EA	30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,035.47	414.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.77*	
26 05 36 00-1445	EA	36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,174.84	446.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.74*	
26 05 36 00-1446		**24" Radius Vertical Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1447	EA	6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	938.51	322.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.93*	
26 05 36 00-1448	EA	9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	983.19	341.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.16*	
26 05 36 00-1449	EA	12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,030.81	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.54*	
26 05 36 00-1450	EA	18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,092.95	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.65*	
26 05 36 00-1451	EA	24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,232.40	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.62*	
26 05 36 00-1452	EA	30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,328.45	483.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.42*	
26 05 36 00-1453	EA	36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,467.60	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.38*	
26 05 36 00-1454		**36" Radius Vertical Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1455	EA	6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,290.38	362.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.52*	
26 05 36 00-1456	EA	9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,358.92	386.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.95*	
26 05 36 00-1457	EA	12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,447.40	414.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.37*	
26 05 36 00-1458	EA	18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,551.81	446.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.59*	
26 05 36 00-1459	EA	24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,878.87	527.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*93.94*	
26 05 36 00-1460	EA	30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,073.06	579.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-159.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*103.65*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1461		EA	36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,308.05	645.65
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-177.00*	
			For 6" Overall Height Instead Of 4-5/8", Add	*115.40*	
26 05 36 00-1462			Dropout Or End Plates And Reducers *(26 05 36 00-0744)*		
26 05 36 00-1463			Straight Reducers *(26 05 36 00-1462)*		
26 05 36 00-1464		EA	9"-6" Reducer, Aluminum Cable Tray	271.94	89.27
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.75*	
			For 6" Overall Height Instead Of 4-5/8", Add	*13.60*	
26 05 36 00-1465		EA	12"-9" Reducer, Aluminum Cable Tray	286.97	96.64
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.64*	
			For 6" Overall Height Instead Of 4-5/8", Add	*14.35*	
26 05 36 00-1466		EA	18"-12" Reducer, Aluminum Cable Tray	314.58	111.52
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.16*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.73*	
26 05 36 00-1467		EA	24"-18" Reducer, Aluminum Cable Tray	346.41	129.06
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.89*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.32*	
26 05 36 00-1468		EA	30"-24" Reducer, Aluminum Cable Tray	375.99	145.14
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.50*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.80*	
26 05 36 00-1469		EA	36"-30" Reducer, Aluminum Cable Tray	418.69	165.83
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.05*	
			For 6" Overall Height Instead Of 4-5/8", Add	*20.93*	
26 05 36 00-1470			Reducers *(26 05 36 00-1462)*		
26 05 36 00-1471		EA	18"-6" Reducer, Aluminum Cable Tray	314.69	111.64
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.17*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.73*	
26 05 36 00-1472		EA	24"-12" Reducer, Aluminum Cable Tray	346.72	129.18
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.90*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.34*	
26 05 36 00-1473		EA	30"-12" Reducer, Aluminum Cable Tray	375.80	145.02
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.49*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.79*	
26 05 36 00-1474		EA	30"-18" Reducer, Aluminum Cable Tray	378.34	144.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.76*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.92*	
26 05 36 00-1475		EA	36"-12" Reducer, Aluminum Cable Tray	415.95	165.83
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.78*	
			For 6" Overall Height Instead Of 4-5/8", Add	*20.80*	
26 05 36 00-1476		EA	36"-18" Reducer, Aluminum Cable Tray	425.95	170.18
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.41*	
			For 6" Overall Height Instead Of 4-5/8", Add	*21.30*	
26 05 36 00-1477		EA	36"-24" Reducer, Aluminum Cable Tray	440.48	175.62
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.41*	
			For 6" Overall Height Instead Of 4-5/8", Add	*22.02*	
26 05 36 00-1478			Dropout Or End Plate *(26 05 36 00-1462)*		
26 05 36 00-1479		EA	6" Dropout Or End Plate, Aluminum Cable Tray	76.75	36.29
26 05 36 00-1480		EA	9" Dropout Or End Plate, Aluminum Cable Tray	86.45	41.49
26 05 36 00-1481		EA	12" Dropout Or End Plate, Aluminum Cable Tray	93.26	44.63
26 05 36 00-1482		EA	18" Dropout Or End Plate, Aluminum Cable Tray	113.23	52.74
26 05 36 00-1483		EA	24" Dropout Or End Plate, Aluminum Cable Tray	126.45	58.06
26 05 36 00-1484		EA	30" Dropout Or End Plate, Aluminum Cable Tray	142.83	64.47
26 05 36 00-1485		EA	36" Dropout Or End Plate, Aluminum Cable Tray	160.23	72.57
26 05 36 00-1486			Solid Bottom Cable Tray *(26 05 36 00-0001)* Note: 3-5/8" Height.		
26 05 36 00-1487			Solid Bottom Galvanized Steel Straight Tray Sections *(26 05 36 00-1486)*		
26 05 36 00-1488		LF	6" Solid Bottom Steel Cable Tray, Straight Section	30.64	9.43
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.01*	
26 05 36 00-1489		LF	12" Solid Bottom Steel Cable Tray, Straight Section	38.15	11.62
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.79*	
26 05 36 00-1490		LF	18" Solid Bottom Steel Cable Tray, Straight Section	50.95	16.69
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.86*	
26 05 36 00-1491		LF	24" Solid Bottom Steel Cable Tray, Straight Section	58.94	19.11
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*5.65*	
26 05 36 00-1492		LF	30" Solid Bottom Steel Cable Tray, Straight Section	70.65	23.10
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*6.74*	
26 05 36 00-1493		LF	36" Solid Bottom Steel Cable Tray, Straight Section	90.10	26.49
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*9.10*	
26 05 36 00-1494			Solid Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-1486)*		
26 05 36 00-1495			90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1494)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1496	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	313.90	121.08
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.91*	
26 05 36 00-1497	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	409.56	170.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.04*	
26 05 36 00-1498	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	501.85	214.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.45*	
26 05 36 00-1499	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	615.14	264.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.26*	
26 05 36 00-1500	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	718.56	306.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.79*	
26 05 36 00-1501	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	807.26	341.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.14*	

26 05 36 00-1502 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1503	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	369.42	126.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.40*	
26 05 36 00-1504	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	488.89	181.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.06*	
26 05 36 00-1505	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	602.55	232.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.66*	
26 05 36 00-1506	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	735.07	290.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.88*	
26 05 36 00-1507	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	862.28	341.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*72.50*	
26 05 36 00-1508	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	974.52	386.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*81.70*	

26 05 36 00-1509 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1510	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	452.75	131.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.97*	
26 05 36 00-1511	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	585.54	193.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.53*	
26 05 36 00-1512	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	741.95	252.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.18*	
26 05 36 00-1513	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	884.82	322.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*79.01*	
26 05 36 00-1514	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,062.01	386.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*94.83*	
26 05 36 00-1515	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,211.83	445.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*107.48*	

26 05 36 00-1516 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1517	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	285.99	121.08
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*22.71*	
26 05 36 00-1518	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	378.15	170.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.33*	
26 05 36 00-1519	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	465.53	214.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.04*	
26 05 36 00-1520	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	570.75	263.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.66*	
26 05 36 00-1521	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	666.40	306.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.97*	
26 05 36 00-1522	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	746.74	341.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.17*	

26 05 36 00-1523 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1524	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	329.74	126.15
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.43*	
26 05 36 00-1525	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	442.03	181.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.07*	
26 05 36 00-1526	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	549.20	232.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.61*	
26 05 36 00-1527	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	672.26	290.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.46*	
26 05 36 00-1528	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	789.87	341.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.53*	
26 05 36 00-1529	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	892.08	386.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.34*	

26 05 36 00-1530 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1531	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	394.75	131.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.24*	
26 05 36 00-1532	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	489.87	175.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.18*	
26 05 36 00-1533	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	661.75	252.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.15*	
26 05 36 00-1534	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	798.85	322.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.02*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1535		EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	957.70	386.81
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*79.18*	
26 05 36 00-1536		EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,096.44	446.92
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*89.99*	
26 05 36 00-1537			**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1538		EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	338.04	120.71
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.59*	
26 05 36 00-1539		EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	427.51	170.30
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.73*	
26 05 36 00-1540		EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	504.09	214.94
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.79*	
26 05 36 00-1541		EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	610.65	264.04
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.58*	
26 05 36 00-1542		EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	691.64	306.01
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.75*	
26 05 36 00-1543		EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	756.84	341.09
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.69*	
26 05 36 00-1544			**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1545		EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	403.07	126.03
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.45*	
26 05 36 00-1546		EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	513.57	181.55
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.77*	
26 05 36 00-1547		EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	616.01	232.35
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.68*	
26 05 36 00-1548		EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	732.83	290.28
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.54*	
26 05 36 00-1549		EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	830.87	341.09
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.79*	
26 05 36 00-1550		EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	931.90	386.81
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.31*	
26 05 36 00-1551			**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1552		EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	481.92	131.72
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.34*	
26 05 36 00-1553		EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	587.47	176.11
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.76*	
26 05 36 00-1554		EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	741.95	252.67
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.18*	
26 05 36 00-1555		EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	889.30	322.22
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*79.69*	
26 05 36 00-1556		EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	1,028.36	386.81
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*89.78*	
26 05 36 00-1557		EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	1,160.23	445.71
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*99.74*	
26 05 36 00-1558			**12" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1559		EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	544.22	232.35
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.92*	
26 05 36 00-1560		EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	653.54	289.80
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.73*	
26 05 36 00-1561		EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	771.37	341.70
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.76*	
26 05 36 00-1562		EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	918.53	415.11
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.58*	
26 05 36 00-1563		EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,002.78	446.92
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.94*	
26 05 36 00-1564		EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,175.15	527.36
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*88.37*	
26 05 36 00-1565			**24" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1566		EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	665.09	252.31
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.71*	
26 05 36 00-1567		EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	822.00	322.22
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.59*	
26 05 36 00-1568		EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	961.06	386.81
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*79.69*	
26 05 36 00-1569		EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,234.85	483.81
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*104.59*	
26 05 36 00-1570		EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,345.65	527.36
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*113.95*	
26 05 36 00-1571		EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,580.86	645.65
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*129.52*	
26 05 36 00-1572			**36" Radius Horizontal Tees** *(26 05 36 00-1494)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1573	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	844.57	276.62
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.59*	
26 05 36 00-1574	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,033.26	362.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*94.51*	
26 05 36 00-1575	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,211.42	446.92
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*107.23*	
26 05 36 00-1576	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,478.01	527.36
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*133.80*	
26 05 36 00-1577	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,619.77	581.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*146.05*	
26 05 36 00-1578	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,882.55	725.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*161.43*	

26 05 36 00-1579 12" Radius Vertical Tees *(26 05 36 00-1494)*

26 05 36 00-1580	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	645.17	232.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.06*	
26 05 36 00-1581	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	753.02	290.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.57*	
26 05 36 00-1582	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	810.79	322.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.91*	
26 05 36 00-1583	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	869.01	341.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.51*	
26 05 36 00-1584	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	965.55	386.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.36*	
26 05 36 00-1585	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,076.81	446.92
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*87.04*	

26 05 36 00-1586 24" Radius Vertical Tees *(26 05 36 00-1494)*

26 05 36 00-1587	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	801.94	252.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*78.24*	
26 05 36 00-1588	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	936.42	322.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.75*	
26 05 36 00-1589	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,024.29	362.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*93.17*	
26 05 36 00-1590	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,084.45	386.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*98.19*	
26 05 36 00-1591	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,227.12	446.92
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*109.59*	
26 05 36 00-1592	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,383.79	527.36
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*119.67*	

26 05 36 00-1593 36" Radius Vertical Tees *(26 05 36 00-1494)*

26 05 36 00-1594	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,054.75	276.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*112.19*	
26 05 36 00-1595	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,210.49	362.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*121.10*	
26 05 36 00-1596	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,340.96	414.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*132.11*	
26 05 36 00-1597	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,417.81	446.92
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*138.19*	
26 05 36 00-1598	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,664.21	527.36
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*161.73*	
26 05 36 00-1599	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,796.14	579.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*172.81*	

26 05 36 00-1600 12" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1601	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	672.26	290.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.46*	
26 05 36 00-1602	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	773.61	341.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.10*	
26 05 36 00-1603	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	930.41	414.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.52*	
26 05 36 00-1604	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,075.57	483.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.70*	
26 05 36 00-1605	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,266.70	579.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*93.40*	
26 05 36 00-1606	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,405.87	645.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*103.27*	

26 05 36 00-1607 24" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1608	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	881.29	322.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*78.39*	
26 05 36 00-1609	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,028.36	386.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*89.78*	
26 05 36 00-1610	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,234.85	483.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*104.59*	
26 05 36 00-1611	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,518.81	581.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*130.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1612	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,670.59	645.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*142.98*	
26 05 36 00-1613	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,837.68	725.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*154.70*	
26 05 36 00-1614		**36" Radius Horizontal Crosses** *(26 05 36 00-1494)*		
26 05 36 00-1615	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,165.62	362.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*114.37*	
26 05 36 00-1616	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,361.73	446.92
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*129.78*	
26 05 36 00-1617	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,642.20	581.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*149.41*	
26 05 36 00-1618	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,872.50	645.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*173.27*	
26 05 36 00-1619	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	2,073.24	725.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*190.03*	
26 05 36 00-1620	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	2,300.54	828.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*207.01*	
26 05 36 00-1621		**Straight Reducers** *(26 05 36 00-1494)*		
26 05 36 00-1622	EA	12"-6" Reducer, Solid Bottom, Steel Cable Tray	271.20	96.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.55*	
26 05 36 00-1623	EA	18"-12" Reducer, Solid Bottom, Steel Cable Tray	294.43	109.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.94*	
26 05 36 00-1624	EA	24"-18" Reducer, Solid Bottom, Steel Cable Tray	326.65	126.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.00*	
26 05 36 00-1625	EA	30"-24" Reducer, Solid Bottom, Steel Cable Tray	367.54	145.14
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.94*	
26 05 36 00-1626	EA	36"-30" Reducer, Solid Bottom, Steel Cable Tray	398.42	160.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.93*	
26 05 36 00-1627		**Reducers** *(26 05 36 00-1494)*		
26 05 36 00-1628	EA	18"-6" Reducer, Solid Bottom, Steel Cable Tray	294.54	109.46
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.94*	
26 05 36 00-1629	EA	24"-12" Reducer, Solid Bottom, Steel Cable Tray	324.84	126.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.68*	
26 05 36 00-1630	EA	30"-12" Reducer, Solid Bottom, Steel Cable Tray	362.86	145.02
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.26*	
26 05 36 00-1631	EA	30"-18" Reducer, Solid Bottom, Steel Cable Tray	364.91	144.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.58*	
26 05 36 00-1632	EA	36"-12" Reducer, Solid Bottom, Steel Cable Tray	396.17	160.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.60*	
26 05 36 00-1633	EA	36"-18" Reducer, Solid Bottom, Steel Cable Tray	398.42	160.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.93*	
26 05 36 00-1634	EA	36"-24" Reducer, Solid Bottom, Steel Cable Tray	401.15	161.23
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.29*	
26 05 36 00-1635		**Dropout Or End Plate** *(26 05 36 00-1494)*		
26 05 36 00-1636	EA	6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	83.35	36.29
26 05 36 00-1637	EA	12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	102.27	44.27
26 05 36 00-1638	EA	18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	118.08	52.50
26 05 36 00-1639	EA	24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	132.77	58.06
26 05 36 00-1640	EA	30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	147.80	64.47
26 05 36 00-1641	EA	36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	164.15	72.57
26 05 36 00-1642		**Solid Bottom Aluminum Straight Cable Tray Sections** *(26 05 36 00-1486)*		
26 05 36 00-1643	LF	6" Solid Bottom Aluminum Cable Tray, Straight Section	27.08	7.62
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*2.79*	
26 05 36 00-1644	LF	12" Solid Bottom Aluminum Cable Tray, Straight Section	33.70	8.95
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.57*	
26 05 36 00-1645	LF	18" Solid Bottom Aluminum Cable Tray, Straight Section	43.09	11.62
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.52*	
26 05 36 00-1646	LF	24" Solid Bottom Aluminum Cable Tray, Straight Section	51.14	12.82
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*5.54*	
26 05 36 00-1647	LF	30" Solid Bottom Aluminum Cable Tray, Straight Section	62.79	16.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*6.66*	
26 05 36 00-1648	LF	36" Solid Bottom Steel Aluminum Tray, Straight Section	74.51	18.14
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*8.15*	
26 05 36 00-1649		**Solid Bottom Aluminum Cable Tray Fittings** *(26 05 36 00-1486)*		
26 05 36 00-1650		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1651	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	317.23	121.08
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.41*	
26 05 36 00-1652	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	384.04	152.40
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1653	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	443.28	170.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.05*	
26 05 36 00-1654	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	516.40	200.42
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.05*	
26 05 36 00-1655	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	609.65	232.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.68*	
26 05 36 00-1656	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	689.20	264.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.37*	
26 05 36 00-1657		90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1649)*		
26 05 36 00-1658	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	374.37	126.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.14*	
26 05 36 00-1659	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	463.94	161.47
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.69*	
26 05 36 00-1660	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	524.36	181.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.42*	
26 05 36 00-1661	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	632.59	214.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.06*	
26 05 36 00-1662	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	734.00	251.95
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.10*	
26 05 36 00-1663	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	844.75	290.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*78.33*	
26 05 36 00-1664		90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1649)*		
26 05 36 00-1665	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	463.08	131.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.52*	
26 05 36 00-1666	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	577.36	171.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.10*	
26 05 36 00-1667	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	669.57	193.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.13*	
26 05 36 00-1668	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	758.45	231.98
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.10*	
26 05 36 00-1669	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	881.45	276.62
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.12*	
26 05 36 00-1670	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,028.83	321.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*100.71*	
26 05 36 00-1671		45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1649)*		
26 05 36 00-1672	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	291.95	121.08
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*23.61*	
26 05 36 00-1673	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	355.45	152.40
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.91*	
26 05 36 00-1674	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	408.07	170.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.79*	
26 05 36 00-1675	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	475.57	200.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.00*	
26 05 36 00-1676	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	560.81	232.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.35*	
26 05 36 00-1677	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	633.13	263.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.08*	
26 05 36 00-1678		45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1649)*		
26 05 36 00-1679	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	338.38	126.15
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.73*	
26 05 36 00-1680	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	420.82	161.23
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.24*	
26 05 36 00-1681	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	476.13	181.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.12*	
26 05 36 00-1682	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	572.24	214.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.01*	
26 05 36 00-1683	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	666.08	252.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.80*	
26 05 36 00-1684	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	765.35	290.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.42*	
26 05 36 00-1685		45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1649)*		
26 05 36 00-1686	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	409.80	131.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.49*	
26 05 36 00-1687	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	512.50	170.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.43*	
26 05 36 00-1688	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	593.33	193.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.69*	
26 05 36 00-1689	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	677.65	232.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.88*	
26 05 36 00-1690	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	788.94	276.62
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*72.25*	
26 05 36 00-1691	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	922.35	322.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*84.55*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1692		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1693	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	338.35	120.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.63*	
26 05 36 00-1694	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	396.67	152.40
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.09*	
26 05 36 00-1695	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	445.08	170.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.32*	
26 05 36 00-1696	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	503.76	200.42
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.15*	
26 05 36 00-1697	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	568.14	232.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.45*	
26 05 36 00-1698	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	624.76	263.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.83*	
26 05 36 00-1699		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1700	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	405.05	126.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.74*	
26 05 36 00-1701	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	480.18	161.47
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.12*	
26 05 36 00-1702	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	529.77	181.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.23*	
26 05 36 00-1703	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	605.52	214.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.00*	
26 05 36 00-1704	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	681.66	251.95
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.25*	
26 05 36 00-1705	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	772.57	290.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.50*	
26 05 36 00-1706		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1707	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	475.71	131.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.41*	
26 05 36 00-1708	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	573.76	171.03
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.56*	
26 05 36 00-1709	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	637.08	193.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.26*	
26 05 36 00-1710	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	713.33	231.98
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.33*	
26 05 36 00-1711	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	821.89	276.62
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.19*	
26 05 36 00-1712	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	911.52	321.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.11*	
26 05 36 00-1713		**12" Radius Horizontal Tees** *(26 05 36 00-1649)*		
26 05 36 00-1714	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	565.85	232.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.16*	
26 05 36 00-1715	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	655.44	263.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.43*	
26 05 36 00-1716	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	727.45	290.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.74*	
26 05 36 00-1717	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	810.56	322.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.78*	
26 05 36 00-1718	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	958.76	386.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*79.34*	
26 05 36 00-1719	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,167.30	483.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*94.46*	
26 05 36 00-1720		**24" Radius Horizontal Tees** *(26 05 36 00-1649)*		
26 05 36 00-1721	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	714.73	252.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.15*	
26 05 36 00-1722	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	815.88	290.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*74.00*	
26 05 36 00-1723	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	912.47	322.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.16*	
26 05 36 00-1724	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,104.94	386.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*101.27*	
26 05 36 00-1725	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,329.73	483.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*118.82*	
26 05 36 00-1726	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,468.11	528.93
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*132.06*	
26 05 36 00-1727		**36" Radius Horizontal Tees** *(26 05 36 00-1649)*		
26 05 36 00-1728	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	939.20	276.62
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*94.79*	
26 05 36 00-1729	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,060.46	322.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*105.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1730	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,209.35	362.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*120.93*	
26 05 36 00-1731	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,446.80	445.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*142.72*	
26 05 36 00-1732	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,745.21	581.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*164.86*	
26 05 36 00-1733	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,942.36	645.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*183.75*	

26 05 36 00-1734 12" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1735	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	641.65	232.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.53*	
26 05 36 00-1736	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	699.39	263.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.96*	
26 05 36 00-1737	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	730.96	276.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.62*	
26 05 36 00-1738	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	771.80	289.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.47*	
26 05 36 00-1739	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	851.11	322.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.96*	
26 05 36 00-1740	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	976.81	386.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.05*	

26 05 36 00-1741 24" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1742	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	795.94	252.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.34*	
26 05 36 00-1743	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	880.85	290.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.75*	
26 05 36 00-1744	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	933.17	305.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*89.07*	
26 05 36 00-1745	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	997.29	322.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*95.88*	
26 05 36 00-1746	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,110.09	362.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*106.04*	
26 05 36 00-1747	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,275.35	445.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*117.01*	

26 05 36 00-1748 36" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1749	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,046.78	276.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*110.99*	
26 05 36 00-1750	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,144.10	318.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*118.57*	
26 05 36 00-1751	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,218.09	341.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*125.87*	
26 05 36 00-1752	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,272.52	362.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*130.40*	
26 05 36 00-1753	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,412.26	414.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*142.80*	
26 05 36 00-1754	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	958.43	527.36
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.86*	

26 05 36 00-1755 12" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1756	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	666.90	263.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.08*	
26 05 36 00-1757	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	740.08	290.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.63*	
26 05 36 00-1758	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	860.75	341.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*72.27*	
26 05 36 00-1759	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,022.44	414.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*84.33*	
26 05 36 00-1760	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,118.34	445.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*93.46*	
26 05 36 00-1761	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,296.67	528.93
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*106.34*	

26 05 36 00-1762 24" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1763	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	881.62	290.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.79*	
26 05 36 00-1764	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	997.29	322.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*95.88*	
26 05 36 00-1765	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,144.65	386.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*107.22*	
26 05 36 00-1766	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,413.09	485.14
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*131.11*	
26 05 36 00-1767	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,549.33	528.93
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*144.24*	
26 05 36 00-1768	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,770.91	645.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*158.03*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1769			**36" Radius Horizontal Crosses** *(26 05 36 00-1649)*		
26 05 36 00-1770		EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,213.86	322.22
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*128.37*	
26 05 36 00-1771		EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,335.68	362.86
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*139.88*	
26 05 36 00-1772		EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,556.91	446.92
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*159.06*	
26 05 36 00-1773		EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,853.49	581.54
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*181.11*	
26 05 36 00-1774		EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,032.59	645.65
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*197.28*	
26 05 36 00-1775		EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,328.46	725.72
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*228.32*	
26 05 36 00-1776			**Straight Reducers** *(26 05 36 00-1649)*		
26 05 36 00-1777		EA	12"-6" Reducer, Solid Bottom, Aluminum Cable Tray	250.22	82.97
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*23.70*	
26 05 36 00-1778		EA	18"-12" Reducer, Solid Bottom, Aluminum Cable Tray	276.52	96.64
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.38*	
26 05 36 00-1779		EA	24"-18" Reducer, Solid Bottom, Aluminum Cable Tray	304.98	109.34
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.52*	
26 05 36 00-1780		EA	30"-24" Reducer, Solid Bottom, Aluminum Cable Tray	343.83	126.15
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.55*	
26 05 36 00-1781		EA	36"-30" Reducer, Solid Bottom, Aluminum Cable Tray	382.29	144.90
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.19*	
26 05 36 00-1782			**Reducers** *(26 05 36 00-1649)*		
26 05 36 00-1783		EA	18"-6" Reducer, Solid Bottom, Aluminum Cable Tray	274.80	96.64
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.11*	
26 05 36 00-1784		EA	24"-12" Reducer, Solid Bottom, Aluminum Cable Tray	303.51	109.58
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.27*	
26 05 36 00-1785		EA	30"-12" Reducer, Solid Bottom, Aluminum Cable Tray	340.08	126.03
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.00*	
26 05 36 00-1786		EA	30"-18" Reducer, Solid Bottom, Aluminum Cable Tray	341.73	126.03
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.26*	
26 05 36 00-1787		EA	36"-12" Reducer, Solid Bottom, Aluminum Cable Tray	382.29	144.90
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.19*	
26 05 36 00-1788		EA	36"-18" Reducer, Solid Bottom, Aluminum Cable Tray	384.09	144.90
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.46*	
26 05 36 00-1789		EA	36"-24" Reducer, Solid Bottom, Aluminum Cable Tray	388.09	145.14
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.02*	
26 05 36 00-1790			**Dropout Or End Plate** *(26 05 36 00-1649)*		
26 05 36 00-1791		EA	6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	83.30	36.29
26 05 36 00-1792		EA	12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	99.59	44.27
26 05 36 00-1793		EA	18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	118.43	52.50
26 05 36 00-1794		EA	24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	130.78	58.06
26 05 36 00-1795		EA	30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	147.12	64.47
26 05 36 00-1796		EA	36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	166.98	72.57
26 05 36 00-1797			**Vented Bottom Cable Tray** *(26 05 36 00-0001)*		
			Note: 6" Height.		
26 05 36 00-1798			**Vented Bottom Galvanized Steel Cable Tray** *(26 05 36 00-1797)*		
26 05 36 00-1799		LF	6" Vented Bottom Steel Cable Tray, Straight Section	39.56	12.70
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.90*	
26 05 36 00-1800		LF	12" Vented Bottom Steel Cable Tray, Straight Section	46.54	14.51
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.45*	
26 05 36 00-1801		LF	18" Vented Bottom Steel Cable Tray, Straight Section	54.78	16.69
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.09*	
26 05 36 00-1802		LF	24" Vented Bottom Steel Cable Tray, Straight Section	62.86	19.11
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.69*	
26 05 36 00-1803		LF	30" Vented Bottom Steel Cable Tray, Straight Section	82.94	23.10
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-6.37*	
26 05 36 00-1804		LF	36" Vented Bottom Steel Cable Tray, Straight Section	98.13	29.02
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-7.39*	
26 05 36 00-1805			**Vented Bottom Galvanized Steel Cable Tray Fittings** *(26 05 36 00-1797)*		
26 05 36 00-1806			**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1807		EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	367.77	152.89
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.04*	
26 05 36 00-1808		EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	478.95	206.83
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.66*	
26 05 36 00-1809		EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	593.74	263.67
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1810	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	728.20	322.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.92*	
26 05 36 00-1811	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	821.48	363.59
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.85*	
26 05 36 00-1812	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	941.26	415.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.53*	

26 05 36 00-1813 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1814	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	435.45	161.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.12*	
26 05 36 00-1815	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	564.65	223.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.85*	
26 05 36 00-1816	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	716.21	290.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.43*	
26 05 36 00-1817	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	866.75	362.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.44*	
26 05 36 00-1818	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	926.87	374.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.45*	
26 05 36 00-1819	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	1,157.08	483.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.39*	

26 05 36 00-1820 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1821	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	533.24	170.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.13*	
26 05 36 00-1822	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	688.93	242.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.71*	
26 05 36 00-1823	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	880.32	322.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.13*	
26 05 36 00-1824	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,051.65	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.65*	
26 05 36 00-1825	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,212.01	483.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-80.88*	
26 05 36 00-1826	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,418.21	579.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-93.52*	

26 05 36 00-1827 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1828	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	343.13	153.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.57*	
26 05 36 00-1829	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	449.43	206.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.70*	
26 05 36 00-1830	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	559.17	263.31
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.97*	
26 05 36 00-1831	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	685.41	322.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.69*	
26 05 36 00-1832	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	774.07	363.59
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.11*	
26 05 36 00-1833	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	884.83	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.96*	

26 05 36 00-1834 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1835	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	398.98	161.23
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.46*	
26 05 36 00-1836	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	522.35	223.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.62*	
26 05 36 00-1837	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	665.85	290.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.36*	
26 05 36 00-1838	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	809.12	362.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.67*	
26 05 36 00-1839	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	927.61	415.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.16*	
26 05 36 00-1840	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	1,079.92	483.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.67*	

26 05 36 00-1841 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1842	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	478.92	170.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.67*	
26 05 36 00-1843	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	625.11	241.55
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.38*	
26 05 36 00-1844	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	805.02	322.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.60*	
26 05 36 00-1845	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	973.75	415.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.78*	
26 05 36 00-1846	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,122.77	483.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.96*	
26 05 36 00-1847	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,321.84	581.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-83.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1848		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1805)*		
26 05 36 00-1849	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	399.88	152.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.28*	
26 05 36 00-1850	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	507.47	206.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.51*	
26 05 36 00-1851	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	604.31	263.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.46*	
26 05 36 00-1852	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	726.09	322.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.71*	
26 05 36 00-1853	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	798.24	363.59
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.53*	
26 05 36 00-1854	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	893.19	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.80*	
26 05 36 00-1855		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1805)*		
26 05 36 00-1856	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	477.70	161.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.34*	
26 05 36 00-1857	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	594.23	223.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.80*	
26 05 36 00-1858	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	728.89	290.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.70*	
26 05 36 00-1859	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	858.30	362.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.59*	
26 05 36 00-1860	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	975.59	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.04*	
26 05 36 00-1861	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	1,104.26	483.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.11*	
26 05 36 00-1862		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1805)*		
26 05 36 00-1863	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	567.04	170.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.51*	
26 05 36 00-1864	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	703.72	242.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.19*	
26 05 36 00-1865	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	871.87	322.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.28*	
26 05 36 00-1866	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,047.43	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.22*	
26 05 36 00-1867	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,171.87	483.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.87*	
26 05 36 00-1868	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,371.73	579.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-88.87*	
26 05 36 00-1869		**12" Radius Horizontal Tees** *(26 05 36 00-1805)*		
26 05 36 00-1870	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	654.94	290.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.30*	
26 05 36 00-1871	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	793.71	362.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.19*	
26 05 36 00-1872	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	907.45	415.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.15*	
26 05 36 00-1873	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,055.67	483.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.25*	
26 05 36 00-1874	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,164.24	527.36
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.47*	
26 05 36 00-1875	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,278.77	579.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-79.57*	
26 05 36 00-1876		**24" Radius Horizontal Tees** *(26 05 36 00-1805)*		
26 05 36 00-1877	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	820.20	322.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.17*	
26 05 36 00-1878	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	998.83	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.36*	
26 05 36 00-1879	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,150.74	483.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.76*	
26 05 36 00-1880	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,413.99	579.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-93.10*	
26 05 36 00-1881	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,562.02	645.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-102.40*	
26 05 36 00-1882	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,746.17	725.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-114.14*	
26 05 36 00-1883		**36" Radius Horizontal Tees** *(26 05 36 00-1805)*		
26 05 36 00-1884	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,010.42	362.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.80*	
26 05 36 00-1885	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,269.05	483.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-86.59*	
26 05 36 00-1886	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,474.13	581.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-98.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1887	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,818.00	725.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-121.32*	
26 05 36 00-1888	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,031.46	832.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-133.79*	
26 05 36 00-1889	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,369.01	965.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-156.48*	
26 05 36 00-1890		**12" Radius Vertical Tees** *(26 05 36 00-1805)*		
26 05 36 00-1891	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	769.03	290.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.71*	
26 05 36 00-1892	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	894.22	362.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.18*	
26 05 36 00-1893	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	940.53	386.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.82*	
26 05 36 00-1894	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,003.06	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.79*	
26 05 36 00-1895	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,076.49	446.92
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.41*	
26 05 36 00-1896	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,217.06	527.36
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.76*	
26 05 36 00-1897		**24" Radius Vertical Tees** *(26 05 36 00-1805)*		
26 05 36 00-1898	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	919.50	322.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.10*	
26 05 36 00-1899	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,091.79	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.66*	
26 05 36 00-1900	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,165.23	446.92
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-79.28*	
26 05 36 00-1901	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,258.49	483.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.53*	
26 05 36 00-1902	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,354.39	527.36
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-91.49*	
26 05 36 00-1903	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,591.60	645.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-105.36*	
26 05 36 00-1904		**36" Radius Vertical Tees** *(26 05 36 00-1805)*		
26 05 36 00-1905	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,212.03	362.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-91.03*	
26 05 36 00-1906	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,429.62	483.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-102.64*	
26 05 36 00-1907	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,523.41	527.36
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-108.39*	
26 05 36 00-1908	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,655.83	581.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-117.12*	
26 05 36 00-1909	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,868.37	645.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-133.03*	
26 05 36 00-1910	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,183.59	828.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-149.32*	
26 05 36 00-1911		**12" Radius Horizontal Crosses** *(26 05 36 00-1805)*		
26 05 36 00-1912	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	824.50	362.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.21*	
26 05 36 00-1913	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	913.79	415.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.78*	
26 05 36 00-1914	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,053.55	483.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.04*	
26 05 36 00-1915	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,225.95	579.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.29*	
26 05 36 00-1916	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,363.84	643.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.77*	
26 05 36 00-1917	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,537.01	725.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-93.22*	
26 05 36 00-1918		**24" Radius Horizontal Crosses** *(26 05 36 00-1805)*		
26 05 36 00-1919	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,036.33	415.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.04*	
26 05 36 00-1920	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,167.64	483.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.45*	
26 05 36 00-1921	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,363.28	579.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-88.02*	
26 05 36 00-1922	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,714.48	725.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-110.97*	
26 05 36 00-1923	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,938.51	828.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-124.81*	
26 05 36 00-1924	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	2,199.99	965.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-139.58*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1925			**36" Radius Horizontal Crosses** *(26 05 36 00-1805)*		
26 05 36 00-1926		EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,387.37	483.81
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-98.42*	
26 05 36 00-1927		EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,579.77	581.54
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-109.52*	
26 05 36 00-1928		EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,832.79	725.72
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-122.80*	
26 05 36 00-1929		EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,367.05	970.17
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-155.85*	
26 05 36 00-1930		EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,762.33	1,162.97
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-179.32*	
26 05 36 00-1931		EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	3,306.42	1,451.44
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-209.69*	
26 05 36 00-1932			**Straight Reducers** *(26 05 36 00-1805)*		
26 05 36 00-1933		EA	12"-6" Reducer, Vented Bottom, Steel Cable Tray	312.68	123.61
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.97*	
26 05 36 00-1934		EA	18"-12" Reducer, Vented Bottom, Steel Cable Tray	341.04	138.13
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-22.60*	
26 05 36 00-1935		EA	24"-18" Reducer, Vented Bottom, Steel Cable Tray	386.61	160.99
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.25*	
26 05 36 00-1936		EA	30"-24" Reducer, Vented Bottom, Steel Cable Tray	424.92	181.43
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.37*	
26 05 36 00-1937		EA	36"-30" Reducer, Vented Bottom, Steel Cable Tray	464.01	199.81
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.75*	
26 05 36 00-1938			**Reducers** *(26 05 36 00-1805)*		
26 05 36 00-1939		EA	18"-6" Reducer, Vented Bottom, Steel Cable Tray	341.04	138.13
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-22.60*	
26 05 36 00-1940		EA	24"-12" Reducer, Vented Bottom, Steel Cable Tray	384.99	161.23
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.06*	
26 05 36 00-1941		EA	30"-12" Reducer, Vented Bottom, Steel Cable Tray	422.51	181.19
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.15*	
26 05 36 00-1942		EA	30"-18" Reducer, Vented Bottom, Steel Cable Tray	424.32	181.07
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.34*	
26 05 36 00-1943		EA	36"-12" Reducer, Vented Bottom, Steel Cable Tray	461.90	199.81
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.54*	
26 05 36 00-1944		EA	36"-18" Reducer, Vented Bottom, Steel Cable Tray	464.01	199.81
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.75*	
26 05 36 00-1945		EA	36"-24" Reducer, Vented Bottom, Steel Cable Tray	466.86	200.29
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.00*	
26 05 36 00-1946			**Dropout Or End Plate** *(26 05 36 00-1805)*		
26 05 36 00-1947		EA	6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	99.84	44.63
26 05 36 00-1948		EA	12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	118.37	52.38
26 05 36 00-1949		EA	18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	130.48	57.82
26 05 36 00-1950		EA	24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	146.72	64.47
26 05 36 00-1951		EA	30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	162.85	72.45
26 05 36 00-1952		EA	36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	190.88	86.60
26 05 36 00-1953			**Vented Bottom Aluminum Cable Tray** *(26 05 36 00-1797)*		
26 05 36 00-1954		LF	6" Vented Bottom Aluminum Cable Tray, Straight Section	36.11	9.43
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.82*	
26 05 36 00-1955		LF	9" Vented Bottom Aluminum Cable Tray, Straight Section	40.05	10.40
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.14*	
26 05 36 00-1956		LF	12" Vented Bottom Aluminum Cable Tray, Straight Section	44.80	11.62
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.51*	
26 05 36 00-1957		LF	18" Vented Bottom Aluminum Cable Tray, Straight Section	52.15	12.94
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.13*	
26 05 36 00-1958		LF	24" Vented Bottom Aluminum Cable Tray, Straight Section	59.82	14.39
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.79*	
26 05 36 00-1959		LF	30" Vented Bottom Aluminum Cable Tray, Straight Section	75.88	16.57
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-6.21*	
26 05 36 00-1960		LF	36" Vented Bottom Aluminum Cable Tray, Straight Section	84.50	19.47
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-6.83*	
26 05 36 00-1961			**Vented Bottom Aluminum Cable Tray Fittings** *(26 05 36 00-1797)*		
26 05 36 00-1962			**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1963		EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	428.46	152.89
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.11*	
26 05 36 00-1964		EA	9" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	465.48	165.95
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.72*	
26 05 36 00-1965		EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	512.83	186.87
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.71*	
26 05 36 00-1966		EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	579.33	207.07
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1967	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	693.05	252.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.25*	
26 05 36 00-1968	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	819.43	290.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.71*	
26 05 36 00-1969	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	903.12	322.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.41*	
26 05 36 00-1970		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1971	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	520.31	161.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.60*	
26 05 36 00-1972	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	628.33	200.29
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.15*	
26 05 36 00-1973	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	712.28	223.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.61*	
26 05 36 00-1974	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	847.98	276.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.79*	
26 05 36 00-1975	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	979.26	321.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.12*	
26 05 36 00-1976	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,083.13	362.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.07*	
26 05 36 00-1977		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1978	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	638.93	170.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.70*	
26 05 36 00-1979	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	764.04	215.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.47*	
26 05 36 00-1980	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	864.45	242.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.26*	
26 05 36 00-1981	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,012.60	305.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.81*	
26 05 36 00-1982	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,084.94	295.98
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-83.83*	
26 05 36 00-1983	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,332.38	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-98.72*	
26 05 36 00-1984		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1985	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	390.46	153.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.30*	
26 05 36 00-1986	EA	9" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	424.19	166.19
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.57*	
26 05 36 00-1987	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	468.51	186.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.28*	
26 05 36 00-1988	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	527.42	206.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.50*	
26 05 36 00-1989	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	632.65	252.31
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.24*	
26 05 36 00-1990	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	745.77	290.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.35*	
26 05 36 00-1991	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	821.84	322.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.33*	
26 05 36 00-1992		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1993	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	465.17	161.23
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.08*	
26 05 36 00-1994	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	563.53	200.29
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.67*	
26 05 36 00-1995	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	637.97	223.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.15*	
26 05 36 00-1996	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	763.38	276.62
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.29*	
26 05 36 00-1997	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	883.68	322.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.47*	
26 05 36 00-1998	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	977.89	362.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.55*	
26 05 36 00-1999		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-2000	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	561.36	170.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.91*	
26 05 36 00-2001	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	674.02	214.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.51*	
26 05 36 00-2002	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	763.09	242.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.12*	
26 05 36 00-2003	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	902.68	306.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.77*	
26 05 36 00-2004	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,030.95	341.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.62*	
26 05 36 00-2005	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,192.72	415.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-84.67*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2006		90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1961)*		
26 05 36 00-2007	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	465.59	152.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.85*	
26 05 36 00-2008	EA	9" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	499.98	165.59
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.20*	
26 05 36 00-2009	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	538.00	186.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.23*	
26 05 36 00-2010	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	579.33	207.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.67*	
26 05 36 00-2011	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	680.46	252.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.99*	
26 05 36 00-2012	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	756.49	290.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.42*	
26 05 36 00-2013	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	811.52	322.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.30*	
26 05 36 00-2014		90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1961)*		
26 05 36 00-2015	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	553.04	161.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.88*	
26 05 36 00-2016	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	643.44	200.29
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.66*	
26 05 36 00-2017	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	709.76	223.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.36*	
26 05 36 00-2018	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	803.36	276.62
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.29*	
26 05 36 00-2019	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	897.12	322.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.86*	
26 05 36 00-2020	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	982.43	362.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.00*	
26 05 36 00-2021		90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1961)*		
26 05 36 00-2022	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	636.41	170.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.44*	
26 05 36 00-2023	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	736.35	215.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.70*	
26 05 36 00-2024	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	826.68	242.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.48*	
26 05 36 00-2025	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	967.28	305.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.28*	
26 05 36 00-2026	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,073.00	341.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.83*	
26 05 36 00-2027	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,209.02	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-86.38*	
26 05 36 00-2028		12" Radius Horizontal Tees *(26 05 36 00-1961)*		
26 05 36 00-2029	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	748.17	290.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.63*	
26 05 36 00-2030	EA	9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	780.97	305.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.64*	
26 05 36 00-2031	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	830.71	321.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.26*	
26 05 36 00-2032	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	948.39	363.59
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.54*	
26 05 36 00-2033	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,083.13	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.79*	
26 05 36 00-2034	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,226.82	483.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.36*	
26 05 36 00-2035	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,357.38	527.36
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-91.79*	
26 05 36 00-2036		24" Radius Horizontal Tees *(26 05 36 00-1961)*		
26 05 36 00-2037	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	939.92	322.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.14*	
26 05 36 00-2038	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,061.78	362.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.00*	
26 05 36 00-2039	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,193.91	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-84.87*	
26 05 36 00-2040	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,433.63	482.48
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-103.15*	
26 05 36 00-2041	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,648.96	581.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-116.44*	
26 05 36 00-2042	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,869.17	645.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-133.11*	
26 05 36 00-2043		36" Radius Horizontal Tees *(26 05 36 00-1961)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2044	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,251.82	362.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-94.94*	
26 05 36 00-2045	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,433.09	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-108.79*	
26 05 36 00-2046	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,516.89	404.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-118.02*	
26 05 36 00-2047	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,947.98	579.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-146.49*	
26 05 36 00-2048	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,259.24	728.62
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-165.20*	
26 05 36 00-2049	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,589.24	828.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-189.89*	

26 05 36 00-2050 12" Radius Vertical Tees *(26 05 36 00-1961)*

26 05 36 00-2051	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	846.36	290.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.45*	
26 05 36 00-2052	EA	9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	874.13	305.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.96*	
26 05 36 00-2053	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	929.85	322.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.13*	
26 05 36 00-2054	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	964.74	341.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.00*	
26 05 36 00-2055	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,008.91	362.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.71*	
26 05 36 00-2056	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,067.71	386.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.53*	
26 05 36 00-2057	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,183.56	445.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-81.21*	

26 05 36 00-2058 24" Radius Vertical Tees *(26 05 36 00-1961)*

26 05 36 00-2059	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,050.70	322.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.22*	
26 05 36 00-2060	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,157.45	362.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.57*	
26 05 36 00-2061	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,236.40	386.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-91.40*	
26 05 36 00-2062	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,319.79	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-97.46*	
26 05 36 00-2063	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,422.74	445.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-105.13*	
26 05 36 00-2064	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,573.95	528.93
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-113.32*	

26 05 36 00-2065 36" Radius Vertical Tees *(26 05 36 00-1961)*

26 05 36 00-2066	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,396.64	362.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-109.49*	
26 05 36 00-2067	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,533.80	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-118.86*	
26 05 36 00-2068	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,611.57	445.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-124.01*	
26 05 36 00-2069	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,740.06	485.14
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-133.58*	
26 05 36 00-2070	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,888.66	528.93
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-144.79*	
26 05 36 00-2071	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,129.71	643.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-159.36*	

26 05 36 00-2072 12" Radius Horizontal Crosses *(26 05 36 00-1961)*

26 05 36 00-2073	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	866.91	322.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.84*	
26 05 36 00-2074	EA	9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	921.94	341.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.72*	
26 05 36 00-2075	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	968.53	363.59
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.55*	
26 05 36 00-2076	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,070.54	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.54*	
26 05 36 00-2077	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,227.18	482.48
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.51*	
26 05 36 00-2078	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,390.08	525.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-95.18*	
26 05 36 00-2079	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,695.44	645.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-115.74*	

26 05 36 00-2080 24" Radius Horizontal Crosses *(26 05 36 00-1961)*

26 05 36 00-2081	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,197.64	363.59
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-89.47*	
26 05 36 00-2082	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,337.42	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-99.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2083	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,501.61	482.48
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-109.95*	
26 05 36 00-2084	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,771.74	579.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-128.87*	
26 05 36 00-2085	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,940.89	643.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-140.48*	
26 05 36 00-2086	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	2,362.64	828.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-167.23*	
26 05 36 00-2087		**36" Radius Horizontal Crosses** *(26 05 36 00-1961)*		
26 05 36 00-2088	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,659.68	414.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-131.45*	
26 05 36 00-2089	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,840.77	485.14
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-143.65*	
26 05 36 00-2090	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,086.46	579.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-160.34*	
26 05 36 00-2091	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,511.01	728.62
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-190.38*	
26 05 36 00-2092	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,796.98	832.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-210.34*	
26 05 36 00-2093	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	3,244.92	965.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-244.07*	
26 05 36 00-2094		**Straight Reducers** *(26 05 36 00-1961)*		
26 05 36 00-2095	EA	9"-6" Reducer, Vented Bottom, Aluminum Cable Tray	322.49	96.76
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.18*	
26 05 36 00-2096	EA	12"-9" Reducer, Vented Bottom, Aluminum Cable Tray	338.57	101.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.36*	
26 05 36 00-2097	EA	18"-12" Reducer, Vented Bottom, Aluminum Cable Tray	382.73	120.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.20*	
26 05 36 00-2098	EA	24"-18" Reducer, Vented Bottom, Aluminum Cable Tray	423.81	138.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.88*	
26 05 36 00-2099	EA	30"-24" Reducer, Vented Bottom, Aluminum Cable Tray	467.69	161.23
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.33*	
26 05 36 00-2100	EA	36"-30" Reducer, Vented Bottom, Aluminum Cable Tray	508.23	181.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.73*	
26 05 36 00-2101		**Reducers** *(26 05 36 00-1961)*		
26 05 36 00-2102	EA	12"-6" Reducer, Vented Bottom, Aluminum Cable Tray	338.29	101.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.35*	
26 05 36 00-2103	EA	18"-6" Reducer, Vented Bottom, Aluminum Cable Tray	382.59	120.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.19*	
26 05 36 00-2104	EA	18"-9" Reducer, Vented Bottom, Aluminum Cable Tray	382.59	120.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.19*	
26 05 36 00-2105	EA	24"-6" Reducer, Vented Bottom, Aluminum Cable Tray	423.98	138.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.89*	
26 05 36 00-2106	EA	24"-9" Reducer, Vented Bottom, Aluminum Cable Tray	423.98	138.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.89*	
26 05 36 00-2107	EA	24"-12" Reducer, Vented Bottom, Aluminum Cable Tray	424.33	138.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.91*	
26 05 36 00-2108	EA	30"-12" Reducer, Vented Bottom, Aluminum Cable Tray	472.47	161.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.82*	
26 05 36 00-2109	EA	30"-18" Reducer, Vented Bottom, Aluminum Cable Tray	467.20	160.99
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.31*	
26 05 36 00-2110	EA	36"-12" Reducer, Vented Bottom, Aluminum Cable Tray	508.23	181.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.73*	
26 05 36 00-2111	EA	36"-18" Reducer, Vented Bottom, Aluminum Cable Tray	508.23	181.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.73*	
26 05 36 00-2112	EA	36"-24" Reducer, Vented Bottom, Aluminum Cable Tray	508.83	181.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.76*	
26 05 36 00-2113		**Dropout Or End Plate** *(26 05 36 00-1961)*		
26 05 36 00-2114	EA	6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	107.36	44.63
26 05 36 00-2115	EA	9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	117.16	48.75
26 05 36 00-2116	EA	12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	126.23	52.38
26 05 36 00-2117	EA	18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	143.32	57.82
26 05 36 00-2118	EA	24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	164.18	64.47
26 05 36 00-2119	EA	30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	181.23	72.45
26 05 36 00-2120	EA	36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	207.51	82.97
26 05 36 00-2121		**Cable Tray Covers And Dividers** *(26 05 36 00-0001)*		
26 05 36 00-2122		**Galvanized Steel Covers** *(26 05 36 00-2121)*		
26 05 36 00-2123		**Ventilated Straight Sections** *(26 05 36 00-2122)*		
26 05 36 00-2124	LF	6" Steel Cable Tray Cover, Straight Section	10.35	2.17
26 05 36 00-2125	LF	9" Steel Cable Tray Cover, Straight Section	12.47	2.54
26 05 36 00-2126	LF	12" Steel Cable Tray Cover, Straight Section	14.65	2.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2127	LF	18" Steel Cable Tray Cover, Straight Section	19.86	3.87
26 05 36 00-2128	LF	24" Steel Cable Tray Cover, Straight Section	25.21	5.20
26 05 36 00-2129	LF	30" Steel Cable Tray Cover, Straight Section	30.58	6.41
26 05 36 00-2130	LF	36" Steel Cable Tray Cover, Straight Section	143.91	72.69
26 05 36 00-2131		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2132	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	62.60	7.74
26 05 36 00-2133	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	70.05	9.07
26 05 36 00-2134	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	75.96	10.76
26 05 36 00-2135	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	103.25	13.79
26 05 36 00-2136	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	126.49	17.54
26 05 36 00-2137	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	152.79	19.47
26 05 36 00-2138	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	184.54	23.22
26 05 36 00-2139		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2140	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	96.66	8.59
26 05 36 00-2141	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	101.20	10.04
26 05 36 00-2142	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	114.23	12.10
26 05 36 00-2143	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	141.73	15.36
26 05 36 00-2144	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	173.84	19.35
26 05 36 00-2145	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	223.11	22.26
26 05 36 00-2146	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	259.53	26.37
26 05 36 00-2147		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2148	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	136.48	9.67
26 05 36 00-2149	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	151.73	11.12
26 05 36 00-2150	EA	12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	164.56	13.79
26 05 36 00-2151	EA	18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	208.58	16.09
26 05 36 00-2152	EA	24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	252.71	22.38
26 05 36 00-2153	EA	30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	297.73	25.28
26 05 36 00-2154	EA	36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	348.32	29.02
26 05 36 00-2155		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2156	EA	6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	48.24	7.74
		For 60 Degree Bend, Deduct	*-12.94*	
		For 30 Degree Bend, Deduct	*-22.00*	
26 05 36 00-2157	EA	9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	57.38	9.07
		For 60 Degree Bend, Deduct	*-15.46*	
		For 30 Degree Bend, Deduct	*-26.27*	
26 05 36 00-2158	EA	12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	64.34	10.76
		For 60 Degree Bend, Deduct	*-17.12*	
		For 30 Degree Bend, Deduct	*-29.14*	
26 05 36 00-2159	EA	18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	77.96	13.18
		For 60 Degree Bend, Deduct	*-20.67*	
		For 30 Degree Bend, Deduct	*-35.19*	
26 05 36 00-2160	EA	24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	91.00	15.24
		For 60 Degree Bend, Deduct	*-24.17*	
		For 30 Degree Bend, Deduct	*-41.13*	
26 05 36 00-2161	EA	30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	106.44	17.54
		For 60 Degree Bend, Deduct	*-28.38*	
		For 30 Degree Bend, Deduct	*-48.28*	
26 05 36 00-2162	EA	36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	118.88	19.35
		For 60 Degree Bend, Deduct	*-31.81*	
		For 30 Degree Bend, Deduct	*-54.09*	
26 05 36 00-2163		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2164	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	66.03	8.59
		For 60 Degree Bend, Deduct	*-18.51*	
		For 30 Degree Bend, Deduct	*-31.32*	
26 05 36 00-2165	EA	9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	74.79	10.04
		For 60 Degree Bend, Deduct	*-20.84*	
		For 30 Degree Bend, Deduct	*-35.29*	
26 05 36 00-2166	EA	12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	85.71	12.10
		For 60 Degree Bend, Deduct	*-23.64*	
		For 30 Degree Bend, Deduct	*-40.07*	
26 05 36 00-2167	EA	18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	99.23	14.51
		For 60 Degree Bend, Deduct	*-27.17*	
		For 30 Degree Bend, Deduct	*-46.10*	
26 05 36 00-2168	EA	24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	114.32	16.57
		For 60 Degree Bend, Deduct	*-31.35*	
		For 30 Degree Bend, Deduct	*-53.18*	
26 05 36 00-2169	EA	30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	142.19	19.35
		For 60 Degree Bend, Deduct	*-39.49*	
		For 30 Degree Bend, Deduct	*-66.89*	
26 05 36 00-2170	EA	36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	157.68	22.38
		For 60 Degree Bend, Deduct	*-43.47*	
		For 30 Degree Bend, Deduct	*-73.69*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2171			**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2172		EA	6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	91.08	9.67
			For 60 Degree Bend, Deduct	*-26.36*	
			For 30 Degree Bend, Deduct	*-44.47*	
26 05 36 00-2173		EA	9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	103.14	11.12
			For 60 Degree Bend, Deduct	*-29.75*	
			For 30 Degree Bend, Deduct	*-50.21*	
26 05 36 00-2174		EA	12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	115.91	13.79
			For 60 Degree Bend, Deduct	*-32.97*	
			For 30 Degree Bend, Deduct	*-55.72*	
26 05 36 00-2175		EA	18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	132.24	15.36
			For 60 Degree Bend, Deduct	*-37.76*	
			For 30 Degree Bend, Deduct	*-63.79*	
26 05 36 00-2176		EA	24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	161.18	18.75
			For 60 Degree Bend, Deduct	*-46.00*	
			For 30 Degree Bend, Deduct	*-77.71*	
26 05 36 00-2177		EA	30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	178.80	22.38
			For 60 Degree Bend, Deduct	*-50.44*	
			For 30 Degree Bend, Deduct	*-85.30*	
26 05 36 00-2178		EA	36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	211.48	24.19
			For 60 Degree Bend, Deduct	*-60.51*	
			For 30 Degree Bend, Deduct	*-102.19*	
26 05 36 00-2179			**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2180		EA	6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	54.33	7.74
26 05 36 00-2181		EA	9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	57.38	9.07
26 05 36 00-2182		EA	12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	63.28	10.76
26 05 36 00-2183		EA	18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	73.76	13.18
26 05 36 00-2184		EA	24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	81.27	17.06
26 05 36 00-2185		EA	30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	90.46	19.47
26 05 36 00-2186		EA	36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	113.67	23.22
26 05 36 00-2187			**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2188		EA	6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	64.97	8.59
26 05 36 00-2189		EA	9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	72.68	10.04
26 05 36 00-2190		EA	12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	78.31	12.10
26 05 36 00-2191		EA	18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	101.31	14.51
26 05 36 00-2192		EA	24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	117.83	18.75
26 05 36 00-2193		EA	30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	135.45	22.38
26 05 36 00-2194		EA	36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	156.01	26.37
26 05 36 00-2195			**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2196		EA	6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	75.21	9.67
26 05 36 00-2197		EA	9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	93.63	11.12
26 05 36 00-2198		EA	12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	107.52	13.79
26 05 36 00-2199		EA	18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	132.24	15.36
26 05 36 00-2200		EA	24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	154.07	21.41
26 05 36 00-2201		EA	30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	183.64	25.28
26 05 36 00-2202		EA	36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	215.22	29.02
26 05 36 00-2203			**12" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2204		EA	6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	96.05	12.58
26 05 36 00-2205		EA	9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	101.31	14.51
26 05 36 00-2206		EA	12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	114.98	17.06
26 05 36 00-2207		EA	18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	137.97	19.35
26 05 36 00-2208		EA	24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	170.35	22.38
26 05 36 00-2209		EA	30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	210.00	32.17
26 05 36 00-2210		EA	36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	252.40	38.59
26 05 36 00-2211			**24" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2212		EA	6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	140.31	13.18
26 05 36 00-2213		EA	9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	160.76	15.36
26 05 36 00-2214		EA	12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	169.65	18.14
26 05 36 00-2215		EA	18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	214.17	20.81
26 05 36 00-2216		EA	24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	314.88	24.19
26 05 36 00-2217		EA	30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	373.21	36.29
26 05 36 00-2218		EA	36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	418.76	44.63
26 05 36 00-2219			**36" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2220		EA	6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	236.37	13.79
26 05 36 00-2221		EA	9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	244.46	16.09
26 05 36 00-2222		EA	12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	273.14	19.35
26 05 36 00-2223		EA	18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	320.42	22.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2224	EA	24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	415.88	26.37
26 05 36 00-2225	EA	30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	472.83	41.61
26 05 36 00-2226	EA	36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	546.16	52.62
26 05 36 00-2227		**12" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2228	EA	6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	140.40	17.06
26 05 36 00-2229	EA	9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	148.55	18.14
26 05 36 00-2230	EA	12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	164.38	19.35
26 05 36 00-2231	EA	18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	193.59	22.38
26 05 36 00-2232	EA	24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	243.77	32.17
26 05 36 00-2233	EA	30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	281.90	38.59
26 05 36 00-2234	EA	36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	322.60	41.49
26 05 36 00-2235		**24" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2236	EA	6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	243.67	18.14
26 05 36 00-2237	EA	9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	264.69	19.35
26 05 36 00-2238	EA	12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	283.90	20.81
26 05 36 00-2239	EA	18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	338.12	24.19
26 05 36 00-2240	EA	24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	423.86	36.29
26 05 36 00-2241	EA	30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	484.17	44.63
26 05 36 00-2242	EA	36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	541.05	48.26
26 05 36 00-2243		**36" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2244	EA	6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	389.35	19.35
26 05 36 00-2245	EA	9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	404.33	20.81
26 05 36 00-2246	EA	12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	426.06	22.38
26 05 36 00-2247	EA	18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	491.94	26.37
26 05 36 00-2248	EA	24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	639.69	41.49
26 05 36 00-2249	EA	30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	700.79	52.86
26 05 36 00-2250	EA	36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	751.72	58.06
26 05 36 00-2251		**Reducers** *(26 05 36 00-2122)*		
26 05 36 00-2252	EA	9"-6" Reducer, Steel Cable Tray Covers	62.66	9.07
26 05 36 00-2253	EA	12"-6" Reducer, Steel Cable Tray Covers	67.55	10.76
26 05 36 00-2254	EA	12"-9" Reducer, Steel Cable Tray Covers	67.55	10.76
26 05 36 00-2255	EA	18"-6" Reducer, Steel Cable Tray Covers	74.81	13.18
26 05 36 00-2256	EA	18"-12" Reducer, Steel Cable Tray Covers	74.81	13.18
26 05 36 00-2257	EA	24"-12" Reducer, Steel Cable Tray Covers	91.80	14.51
26 05 36 00-2258	EA	24"-18" Reducer, Steel Cable Tray Covers	98.14	14.51
26 05 36 00-2259	EA	30"-12" Reducer, Steel Cable Tray Covers	95.28	16.57
26 05 36 00-2260	EA	30"-18" Reducer, Steel Cable Tray Covers	101.62	16.57
26 05 36 00-2261	EA	30"-24" Reducer, Steel Cable Tray Covers	105.84	16.57
26 05 36 00-2262	EA	36"-12" Reducer, Steel Cable Tray Covers	110.46	18.14
26 05 36 00-2263	EA	36"-18" Reducer, Steel Cable Tray Covers	112.58	18.14
26 05 36 00-2264	EA	36"-24" Reducer, Steel Cable Tray Covers	114.69	18.14
26 05 36 00-2265	EA	36"-30" Reducer, Steel Cable Tray Covers	115.75	18.14
26 05 36 00-2266		**Aluminum Covers** *(26 05 36 00-2121)*		
26 05 36 00-2267		**Ventilated Straight Sections** *(26 05 36 00-2266)*		
26 05 36 00-2268	LF	6" Aluminum Cable Tray Cover, Straight Section	11.57	2.17
26 05 36 00-2269	LF	9" Aluminum Cable Tray Cover, Straight Section	13.79	2.54
26 05 36 00-2270	LF	12" Aluminum Cable Tray Cover, Straight Section	16.20	2.91
26 05 36 00-2271	LF	18" Aluminum Cable Tray Cover, Straight Section	21.55	3.87
26 05 36 00-2272	LF	24" Aluminum Cable Tray Cover, Straight Section	27.72	5.20
26 05 36 00-2273	LF	30" Aluminum Cable Tray Cover, Straight Section	31.52	6.41
26 05 36 00-2274	LF	36" Aluminum Cable Tray Cover, Straight Section	143.29	72.69
26 05 36 00-2275		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2276	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	62.10	7.74
26 05 36 00-2277	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	66.41	9.07
26 05 36 00-2278	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	73.42	10.76
26 05 36 00-2279	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	95.63	13.79
26 05 36 00-2280	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	121.19	17.54
26 05 36 00-2281	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	142.42	19.47
26 05 36 00-2282	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	173.40	23.22
26 05 36 00-2283		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2284	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	81.58	8.59
26 05 36 00-2285	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	100.04	10.04
26 05 36 00-2286	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	112.10	12.10
26 05 36 00-2287	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	134.52	15.36
26 05 36 00-2288	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	166.93	19.35

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2289		EA	30" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	201.74	22.26
26 05 36 00-2290		EA	36" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	247.05	26.37
26 05 36 00-2291			**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2292		EA	6" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	131.45	9.67
26 05 36 00-2293		EA	9" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	144.72	11.12
26 05 36 00-2294		EA	12" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	166.19	13.79
26 05 36 00-2295		EA	18" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	197.85	16.09
26 05 36 00-2296		EA	24" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	244.51	22.38
26 05 36 00-2297		EA	30" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	281.44	25.28
26 05 36 00-2298		EA	36" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	328.27	29.02
26 05 36 00-2299			**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2300		EA	6" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	49.29	7.74
			For 60 Degree Bend, Deduct	*-13.28*	
			For 30 Degree Bend, Deduct	*-22.57*	
26 05 36 00-2301		EA	9" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	52.52	9.07
			For 60 Degree Bend, Deduct	*-13.85*	
			For 30 Degree Bend, Deduct	*-23.59*	
26 05 36 00-2302		EA	12" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	59.75	10.76
			For 60 Degree Bend, Deduct	*-15.61*	
			For 30 Degree Bend, Deduct	*-26.61*	
26 05 36 00-2303		EA	18" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	70.05	13.18
			For 60 Degree Bend, Deduct	*-18.06*	
			For 30 Degree Bend, Deduct	*-30.84*	
26 05 36 00-2304		EA	24" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	78.93	15.24
			For 60 Degree Bend, Deduct	*-20.18*	
			For 30 Degree Bend, Deduct	*-34.49*	
26 05 36 00-2305		EA	30" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	96.64	17.54
			For 60 Degree Bend, Deduct	*-25.15*	
			For 30 Degree Bend, Deduct	*-42.89*	
26 05 36 00-2306		EA	36" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	113.47	19.35
			For 60 Degree Bend, Deduct	*-30.03*	
			For 30 Degree Bend, Deduct	*-51.12*	
26 05 36 00-2307			**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2308		EA	6" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	56.48	8.59
			For 60 Degree Bend, Deduct	*-15.36*	
			For 30 Degree Bend, Deduct	*-26.07*	
26 05 36 00-2309		EA	9" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	70.12	10.04
			For 60 Degree Bend, Deduct	*-19.30*	
			For 30 Degree Bend, Deduct	*-32.72*	
26 05 36 00-2310		EA	12" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	75.77	12.10
			For 60 Degree Bend, Deduct	*-20.36*	
			For 30 Degree Bend, Deduct	*-34.60*	
26 05 36 00-2311		EA	18" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	91.55	14.51
			For 60 Degree Bend, Deduct	*-24.64*	
			For 30 Degree Bend, Deduct	*-41.87*	
26 05 36 00-2312		EA	24" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	111.05	16.57
			For 60 Degree Bend, Deduct	*-30.28*	
			For 30 Degree Bend, Deduct	*-51.38*	
26 05 36 00-2313		EA	30" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	128.50	19.35
			For 60 Degree Bend, Deduct	*-34.97*	
			For 30 Degree Bend, Deduct	*-59.36*	
26 05 36 00-2314		EA	36" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	148.38	22.38
			For 60 Degree Bend, Deduct	*-40.40*	
			For 30 Degree Bend, Deduct	*-68.57*	
26 05 36 00-2315			**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2316		EA	6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	88.74	9.67
			For 60 Degree Bend, Deduct	*-25.59*	
			For 30 Degree Bend, Deduct	*-43.18*	
26 05 36 00-2317		EA	9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	97.70	11.12
			For 60 Degree Bend, Deduct	*-27.96*	
			For 30 Degree Bend, Deduct	*-47.21*	
26 05 36 00-2318		EA	12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	106.30	13.79
			For 60 Degree Bend, Deduct	*-29.80*	
			For 30 Degree Bend, Deduct	*-50.43*	
26 05 36 00-2319		EA	18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	125.99	15.36
			For 60 Degree Bend, Deduct	*-35.70*	
			For 30 Degree Bend, Deduct	*-60.35*	
26 05 36 00-2320		EA	24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	153.06	18.75
			For 60 Degree Bend, Deduct	*-43.32*	
			For 30 Degree Bend, Deduct	*-73.25*	
26 05 36 00-2321		EA	30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	176.16	22.38
			For 60 Degree Bend, Deduct	*-49.57*	
			For 30 Degree Bend, Deduct	*-83.85*	
26 05 36 00-2322		EA	36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	198.49	24.19
			For 60 Degree Bend, Deduct	*-56.22*	
			For 30 Degree Bend, Deduct	*-95.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2323		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-2266)*		
26 05 36 00-2324	EA	6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	54.81	7.74
26 05 36 00-2325	EA	9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	57.33	9.07
26 05 36 00-2326	EA	12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	63.81	10.76
26 05 36 00-2327	EA	18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	75.43	13.18
26 05 36 00-2328	EA	24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	84.01	17.06
26 05 36 00-2329	EA	30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	88.99	19.47
26 05 36 00-2330	EA	36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	107.06	23.22
26 05 36 00-2331		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-2266)*		
26 05 36 00-2332	EA	6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	62.34	8.59
26 05 36 00-2333	EA	9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	69.05	10.04
26 05 36 00-2334	EA	12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	76.84	12.10
26 05 36 00-2335	EA	18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	92.58	14.51
26 05 36 00-2336	EA	24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	106.01	18.75
26 05 36 00-2337	EA	30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	133.38	22.38
26 05 36 00-2338	EA	36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	148.75	26.37
26 05 36 00-2339		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-2266)*		
26 05 36 00-2340	EA	6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	71.61	9.67
26 05 36 00-2341	EA	9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	87.02	11.12
26 05 36 00-2342	EA	12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	102.08	13.79
26 05 36 00-2343	EA	18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	121.72	15.36
26 05 36 00-2344	EA	24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	149.02	21.41
26 05 36 00-2345	EA	30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	185.27	25.28
26 05 36 00-2346	EA	36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	202.18	29.02
26 05 36 00-2347		**12" Radius Horizontal Tees** *(26 05 36 00-2266)*		
26 05 36 00-2348	EA	6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	89.44	12.58
26 05 36 00-2349	EA	9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	96.85	14.51
26 05 36 00-2350	EA	12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	109.57	17.06
26 05 36 00-2351	EA	18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	128.50	19.35
26 05 36 00-2352	EA	24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	159.06	22.38
26 05 36 00-2353	EA	30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	196.84	32.17
26 05 36 00-2354	EA	36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	237.46	38.59
26 05 36 00-2355		**24" Radius Horizontal Tees** *(26 05 36 00-2266)*		
26 05 36 00-2356	EA	6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	133.13	13.18
26 05 36 00-2357	EA	9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	149.49	15.36
26 05 36 00-2358	EA	12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	169.12	18.14
26 05 36 00-2359	EA	18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	197.01	20.81
26 05 36 00-2360	EA	24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	298.81	24.19
26 05 36 00-2361	EA	30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	346.89	36.29
26 05 36 00-2362	EA	36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	392.80	44.63
26 05 36 00-2363		**36" Radius Horizontal Tees** *(26 05 36 00-2266)*		
26 05 36 00-2364	EA	6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	226.00	13.79
26 05 36 00-2365	EA	9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	234.15	16.09
26 05 36 00-2366	EA	12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	260.96	19.35
26 05 36 00-2367	EA	18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	295.90	22.38
26 05 36 00-2368	EA	24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	373.14	26.37
26 05 36 00-2369	EA	30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	439.00	41.61
26 05 36 00-2370	EA	36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	504.42	52.62
26 05 36 00-2371		**12" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2372	EA	6" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	133.14	17.06
26 05 36 00-2373	EA	9" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	141.37	18.14
26 05 36 00-2374	EA	12" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	156.28	19.35
26 05 36 00-2375	EA	18" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	186.84	22.38
26 05 36 00-2376	EA	24" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	226.72	32.17
26 05 36 00-2377	EA	30" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	269.45	38.59
26 05 36 00-2378	EA	36" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	306.28	41.49
26 05 36 00-2379		**24" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2380	EA	6" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	235.44	18.14
26 05 36 00-2381	EA	9" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	252.41	19.35
26 05 36 00-2382	EA	12" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	271.80	20.81
26 05 36 00-2383	EA	18" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	315.90	24.19
26 05 36 00-2384	EA	24" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	389.58	36.29
26 05 36 00-2385	EA	30" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	458.96	44.63

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 36 00-2386	EA	36" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	497.20	48.26
26 05 36 00-2387			36" Radius Horizontal Crosses *(26 05 36 00-2266)*		
	26 05 36 00-2388	EA	6" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	361.40	19.35
	26 05 36 00-2389	EA	9" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	378.67	20.81
	26 05 36 00-2390	EA	12" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	407.02	22.38
	26 05 36 00-2391	EA	18" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	450.07	26.37
	26 05 36 00-2392	EA	24" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	571.45	41.49
	26 05 36 00-2393	EA	30" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	665.10	52.86
	26 05 36 00-2394	EA	36" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	727.20	58.06
26 05 36 00-2395			Reducers *(26 05 36 00-2266)*		
	26 05 36 00-2396	EA	9"-6" Reducer, Aluminum Cable Tray Covers	67.48	9.07
	26 05 36 00-2397	EA	12"-6" Reducer, Aluminum Cable Tray Covers	72.40	10.76
	26 05 36 00-2398	EA	12"-9" Reducer, Aluminum Cable Tray Covers	72.40	10.76
	26 05 36 00-2399	EA	18"-6" Reducer, Aluminum Cable Tray Covers	81.83	13.18
	26 05 36 00-2400	EA	18"-12" Reducer, Aluminum Cable Tray Covers	81.83	13.18
	26 05 36 00-2401	EA	24"-12" Reducer, Aluminum Cable Tray Covers	90.44	14.51
	26 05 36 00-2402	EA	24"-18" Reducer, Aluminum Cable Tray Covers	98.94	14.51
	26 05 36 00-2403	EA	30"-12" Reducer, Aluminum Cable Tray Covers	104.60	16.57
	26 05 36 00-2404	EA	30"-18" Reducer, Aluminum Cable Tray Covers	107.78	16.57
	26 05 36 00-2405	EA	30"-24" Reducer, Aluminum Cable Tray Covers	109.98	16.57
	26 05 36 00-2406	EA	36"-12" Reducer, Aluminum Cable Tray Covers	115.66	18.14
	26 05 36 00-2407	EA	36"-18" Reducer, Aluminum Cable Tray Covers	117.80	18.14
	26 05 36 00-2408	EA	36"-24" Reducer, Aluminum Cable Tray Covers	118.87	18.14
	26 05 36 00-2409	EA	36"-30" Reducer, Aluminum Cable Tray Covers	119.94	18.14
26 05 36 00-2410			Galvanized Steel Dividers *(26 05 36 00-2121)*		
26 05 36 00-2411			Straight Dividers *(26 05 36 00-2410)*		
	26 05 36 00-2412	LF	3" Deep Galvanized Steel Divider Strip, Straight	10.65	2.91
	26 05 36 00-2413	LF	4" Deep Galvanized Steel Divider Strip, Straight	12.51	3.15
	26 05 36 00-2414	LF	6" Deep Galvanized Steel Divider Strip, Straight	15.45	3.63
26 05 36 00-2415			3" Deep Vertical Dividers *(26 05 36 00-2410)*		
	26 05 36 00-2416	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray	63.12	20.81
	26 05 36 00-2417	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray	71.61	21.53
	26 05 36 00-2418	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray	75.28	22.38
	26 05 36 00-2419	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray	86.25	23.22
	26 05 36 00-2420	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray	82.02	23.22
	26 05 36 00-2421	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray	88.87	24.19
	26 05 36 00-2422	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray	103.36	25.28
	26 05 36 00-2423	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray	127.48	26.37
	26 05 36 00-2424	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable	102.13	26.37
	26 05 36 00-2425	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray	113.69	27.70
	26 05 36 00-2426	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray	127.61	29.02
	26 05 36 00-2427	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray	160.78	30.60
26 05 36 00-2428			4" Deep Vertical Dividers *(26 05 36 00-2410)*		
	26 05 36 00-2429	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray	72.14	21.53
	26 05 36 00-2430	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray	79.51	22.38
	26 05 36 00-2431	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray	86.25	23.22
	26 05 36 00-2432	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray	98.38	24.19
	26 05 36 00-2433	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray	98.38	24.19
	26 05 36 00-2434	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray	114.98	25.28
	26 05 36 00-2435	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray	126.43	26.37
	26 05 36 00-2436	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray	155.94	27.70
	26 05 36 00-2437	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray	109.70	25.28
	26 05 36 00-2438	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray	121.15	26.37
	26 05 36 00-2439	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray	143.27	27.70
	26 05 36 00-2440	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray	180.43	29.02
26 05 36 00-2441			6" Deep Vertical Dividers *(26 05 36 00-2410)*		
	26 05 36 00-2442	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray	79.89	24.19
	26 05 36 00-2443	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray	86.46	25.28
	26 05 36 00-2444	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray	94.74	26.37
	26 05 36 00-2445	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray	109.46	27.70
	26 05 36 00-2446	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray	100.19	25.28
	26 05 36 00-2447	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray	116.92	26.37
	26 05 36 00-2448	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray	129.53	27.70
	26 05 36 00-2449	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray	158.24	29.02
	26 05 36 00-2450	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray	111.64	26.37
	26 05 36 00-2451	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray	129.53	27.70
	26 05 36 00-2452	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray	158.24	29.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2453	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray	192.47	30.60
26 05 36 00-2454		**Horizontal Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2455	EA	3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	69.93	17.54
26 05 36 00-2456	EA	4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	77.71	19.35
26 05 36 00-2457	EA	6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	93.90	21.53
26 05 36 00-2458		**Aluminum Dividers** *(26 05 36 00-2121)*		
26 05 36 00-2459		**Straight Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2460	LF	3" Deep Aluminum Divider Strip, Straight	10.48	2.79
26 05 36 00-2461	LF	4" Deep Aluminum Divider Strip, Straight	12.35	3.03
26 05 36 00-2462	LF	6" Deep Aluminum Divider Strip, Straight	15.19	3.39
26 05 36 00-2463		**3" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2464	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	56.80	20.07
26 05 36 00-2465	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	62.21	20.81
26 05 36 00-2466	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	68.11	21.53
26 05 36 00-2467	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	78.15	22.38
26 05 36 00-2468	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	76.11	22.38
26 05 36 00-2469	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	83.70	23.22
26 05 36 00-2470	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	96.52	24.19
26 05 36 00-2471	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	118.78	25.28
26 05 36 00-2472	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	101.40	25.28
26 05 36 00-2473	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	120.72	26.37
26 05 36 00-2474	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	145.27	27.70
26 05 36 00-2475	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	178.24	29.02
26 05 36 00-2476		**4" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2477	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	67.63	20.81
26 05 36 00-2478	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	74.15	21.53
26 05 36 00-2479	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	81.22	22.38
26 05 36 00-2480	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	90.86	23.22
26 05 36 00-2481	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	89.84	23.22
26 05 36 00-2482	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	103.68	24.19
26 05 36 00-2483	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	116.74	25.28
26 05 36 00-2484	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	146.29	26.37
26 05 36 00-2485	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	120.04	24.19
26 05 36 00-2486	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	144.35	25.28
26 05 36 00-2487	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	168.78	26.37
26 05 36 00-2488	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	203.55	27.70
26 05 36 00-2489		**6" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2490	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	74.91	23.22
26 05 36 00-2491	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	83.23	24.19
26 05 36 00-2492	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	87.08	25.28
26 05 36 00-2493	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	97.20	26.37
26 05 36 00-2494	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	93.45	24.19
26 05 36 00-2495	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	114.69	25.28
26 05 36 00-2496	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	123.79	26.37
26 05 36 00-2497	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	154.47	27.70
26 05 36 00-2498	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	122.87	25.28
26 05 36 00-2499	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	152.42	26.37
26 05 36 00-2500	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	173.90	27.70
26 05 36 00-2501	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	201.76	29.02
26 05 36 00-2502		**Horizontal Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2503	EA	3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	64.92	16.57
26 05 36 00-2504	EA	4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	71.14	18.14
26 05 36 00-2505	EA	6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	87.58	20.07
26 05 36 00-2506		**Cable Tray Wall Brackets** *(26 05 36 00-0001)*		
26 05 36 00-2507		**Wall Brackets** *(26 05 36 00-2506)*		
26 05 36 00-2508	EA	6" Wide Cable Tray Wall Bracket	85.92	24.19
26 05 36 00-2509	EA	9" Wide Cable Tray Wall Bracket	89.03	25.28
26 05 36 00-2510	EA	12" Wide Cable Tray Wall Bracket	97.49	26.37
26 05 36 00-2511	EA	18" Wide Cable Tray Wall Bracket	103.45	27.70
26 05 36 00-2512	EA	24" Wide Cable Tray Wall Bracket	112.27	29.02
26 05 36 00-2513	EA	30" Wide Cable Tray Wall Bracket	133.06	30.60
26 05 36 00-2514	EA	36" Wide Cable Tray Wall Bracket	158.73	32.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2515		Fiberglass Cable Tray *(26 05 36 00-0001)*		
26 05 36 00-2516		Ladder Bottom Fiberglass Cable Tray *(26 05 36 00-2515)*		
		Note: Excludes hangers and support system.		
26 05 36 00-2517		Straight Tray Sections *(26 05 36 00-2516)*		
26 05 36 00-2518	LF	6" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	11.80	3.27
		For 9" Rung Spacing, Add	*0.24*	
		For 6" Rung Spacing, Add	*1.04*	
		For 4" Rung Spacing, Add	*1.91*	
		For 18" Rung Spacing, Deduct	*-0.17*	
		For Solid Bottom, Add	*2.81*	
		For Vented Trough Bottom, Add	*3.39*	
26 05 36 00-2519	LF	9" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	13.23	3.99
		For 9" Rung Spacing, Add	*0.25*	
		For 6" Rung Spacing, Add	*1.08*	
		For 4" Rung Spacing, Add	*1.98*	
		For 18" Rung Spacing, Deduct	*-0.18*	
		For Solid Bottom, Add	*3.06*	
		For Vented Trough Bottom, Add	*3.63*	
26 05 36 00-2520	LF	12" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	14.65	4.84
		For 9" Rung Spacing, Add	*0.26*	
		For 6" Rung Spacing, Add	*1.11*	
		For 4" Rung Spacing, Add	*2.03*	
		For 18" Rung Spacing, Deduct	*-0.18*	
		For Solid Bottom, Add	*3.31*	
		For Vented Trough Bottom, Add	*3.86*	
26 05 36 00-2521	LF	18" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	17.63	6.41
		For 9" Rung Spacing, Add	*0.28*	
		For 6" Rung Spacing, Add	*1.19*	
		For 4" Rung Spacing, Add	*2.19*	
		For 18" Rung Spacing, Deduct	*-0.20*	
		For Solid Bottom, Add	*3.84*	
		For Vented Trough Bottom, Add	*4.39*	
26 05 36 00-2522	LF	24" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	20.58	8.11
		For 9" Rung Spacing, Add	*0.30*	
		For 6" Rung Spacing, Add	*1.27*	
		For 4" Rung Spacing, Add	*2.33*	
		For 18" Rung Spacing, Deduct	*-0.21*	
		For Solid Bottom, Add	*4.36*	
		For Vented Trough Bottom, Add	*4.90*	
26 05 36 00-2523	LF	30" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	22.50	8.83
		For 9" Rung Spacing, Add	*0.32*	
		For 6" Rung Spacing, Add	*1.38*	
		For 4" Rung Spacing, Add	*2.53*	
		For 18" Rung Spacing, Deduct	*-0.23*	
		For Solid Bottom, Add	*4.76*	
		For Vented Trough Bottom, Add	*5.34*	
26 05 36 00-2524	LF	36" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	24.46	9.67
		For 9" Rung Spacing, Add	*0.35*	
		For 6" Rung Spacing, Add	*1.49*	
		For 4" Rung Spacing, Add	*2.74*	
		For 18" Rung Spacing, Deduct	*-0.25*	
		For Solid Bottom, Add	*5.16*	
		For Vented Trough Bottom, Add	*5.79*	
26 05 36 00-2525		90 Degree Horizontal Elbows *(26 05 36 00-2516)*		
26 05 36 00-2526	EA	6" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	64.45	24.19
		For 9" Rung Spacing, Add	*0.99*	
		For 6" Rung Spacing, Add	*4.22*	
		For 4" Rung Spacing, Add	*7.74*	
		For 18" Rung Spacing, Deduct	*-0.70*	
		For Solid Bottom, Add	*13.89*	
		For Vented Trough Bottom, Add	*15.80*	
		For 60 Degree Bend, Deduct	*-12.92*	
		For 45 Degree Bend, Deduct	*-17.83*	
		For 30 Degree Bend, Deduct	*-22.75*	
26 05 36 00-2527	EA	9" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	72.10	28.18
		For 9" Rung Spacing, Add	*1.04*	
		For 6" Rung Spacing, Add	*4.47*	
		For 4" Rung Spacing, Add	*8.19*	
		For 18" Rung Spacing, Deduct	*-0.74*	
		For Solid Bottom, Add	*15.28*	
		For Vented Trough Bottom, Add	*17.20*	
		For 60 Degree Bend, Deduct	*-14.06*	
		For 45 Degree Bend, Deduct	*-19.45*	
		For 30 Degree Bend, Deduct	*-24.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2528	EA	12" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	84.61	35.44
		For 9" Rung Spacing, Add	*1.10*	
		For 6" Rung Spacing, Add	*4.71*	
		For 4" Rung Spacing, Add	*8.63*	
		For 18" Rung Spacing, Deduct	*-0.78*	
		For Solid Bottom, Add	*17.40*	
		For Vented Trough Bottom, Add	*19.21*	
		For 60 Degree Bend, Deduct	*-15.68*	
		For 45 Degree Bend, Deduct	*-21.79*	
		For 30 Degree Bend, Deduct	*-27.91*	
26 05 36 00-2529	EA	18" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	100.15	42.81
		For 9" Rung Spacing, Add	*1.26*	
		For 6" Rung Spacing, Add	*5.41*	
		For 4" Rung Spacing, Add	*9.91*	
		For 18" Rung Spacing, Deduct	*-0.90*	
		For Solid Bottom, Add	*20.43*	
		For Vented Trough Bottom, Add	*22.43*	
		For 60 Degree Bend, Deduct	*-18.31*	
		For 45 Degree Bend, Deduct	*-25.48*	
		For 30 Degree Bend, Deduct	*-32.65*	
26 05 36 00-2530	EA	24" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	113.42	49.23
		For 9" Rung Spacing, Add	*1.39*	
		For 6" Rung Spacing, Add	*5.95*	
		For 4" Rung Spacing, Add	*10.90*	
		For 18" Rung Spacing, Deduct	*-0.99*	
		For Solid Bottom, Add	*22.96*	
		For Vented Trough Bottom, Add	*25.08*	
		For 60 Degree Bend, Deduct	*-20.46*	
		For 45 Degree Bend, Deduct	*-28.51*	
		For 30 Degree Bend, Deduct	*-36.56*	
26 05 36 00-2531	EA	30" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	124.18	52.50
		For 9" Rung Spacing, Add	*1.59*	
		For 6" Rung Spacing, Add	*6.83*	
		For 4" Rung Spacing, Add	*12.53*	
		For 18" Rung Spacing, Deduct	*-1.14*	
		For Solid Bottom, Add	*25.46*	
		For Vented Trough Bottom, Add	*28.05*	
		For 60 Degree Bend, Deduct	*-22.90*	
		For 45 Degree Bend, Deduct	*-31.84*	
		For 30 Degree Bend, Deduct	*-40.78*	
26 05 36 00-2532	EA	36" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	136.99	56.49
		For 9" Rung Spacing, Add	*1.83*	
		For 6" Rung Spacing, Add	*7.85*	
		For 4" Rung Spacing, Add	*14.39*	
		For 18" Rung Spacing, Deduct	*-1.31*	
		For Solid Bottom, Add	*28.40*	
		For Vented Trough Bottom, Add	*31.51*	
		For 60 Degree Bend, Deduct	*-25.73*	
		For 45 Degree Bend, Deduct	*-35.72*	
		For 30 Degree Bend, Deduct	*-45.71*	

26 05 36 00-2533 Inside Or Outside Vertical Risers *(26 05 36 00-2516)*

26 05 36 00-2534	EA	6" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	93.85	24.19
		For 9" Rung Spacing, Add	*2.01*	
		For 6" Rung Spacing, Add	*8.64*	
		For 4" Rung Spacing, Add	*15.83*	
		For 18" Rung Spacing, Deduct	*-1.44*	
		For Solid Bottom, Add	*22.71*	
		For Vented Trough Bottom, Add	*27.56*	
		For 60 Degree Bend, Deduct	*-22.63*	
		For 45 Degree Bend, Deduct	*-30.77*	
		For 30 Degree Bend, Deduct	*-38.92*	
26 05 36 00-2535	EA	9" Vertical Inside Or Outside Riser 90, Fiberglass	100.72	28.18
		For 9" Rung Spacing, Add	*2.04*	
		For 6" Rung Spacing, Add	*8.76*	
		For 4" Rung Spacing, Add	*16.06*	
		For 18" Rung Spacing, Deduct	*-1.46*	
		For Solid Bottom, Add	*23.87*	
		For Vented Trough Bottom, Add	*28.65*	
		For 60 Degree Bend, Deduct	*-23.50*	
		For 45 Degree Bend, Deduct	*-32.04*	
		For 30 Degree Bend, Deduct	*-40.58*	
26 05 36 00-2536	EA	12" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	112.41	35.44
		For 9" Rung Spacing, Add	*2.07*	
		For 6" Rung Spacing, Add	*8.88*	
		For 4" Rung Spacing, Add	*16.28*	
		For 18" Rung Spacing, Deduct	*-1.48*	
		For Solid Bottom, Add	*25.74*	
		For Vented Trough Bottom, Add	*30.33*	
		For 60 Degree Bend, Deduct	*-24.85*	
		For 45 Degree Bend, Deduct	*-34.03*	
		For 30 Degree Bend, Deduct	*-43.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2537	EA	18" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	125.08	42.81
		For 9" Rung Spacing, Add	*2.13*	
		For 6" Rung Spacing, Add	*9.15*	
		For 4" Rung Spacing, Add	*16.77*	
		For 18" Rung Spacing, Deduct	*-1.52*	
		For Solid Bottom, Add	*27.91*	
		For Vented Trough Bottom, Add	*32.40*	
		For 60 Degree Bend, Deduct	*-26.53*	
		For 45 Degree Bend, Deduct	*-36.45*	
		For 30 Degree Bend, Deduct	*-46.36*	
26 05 36 00-2538	EA	24" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	136.38	49.23
		For 9" Rung Spacing, Add	*2.19*	
		For 6" Rung Spacing, Add	*9.39*	
		For 4" Rung Spacing, Add	*17.22*	
		For 18" Rung Spacing, Deduct	*-1.57*	
		For Solid Bottom, Add	*29.85*	
		For Vented Trough Bottom, Add	*34.26*	
		For 60 Degree Bend, Deduct	*-28.04*	
		For 45 Degree Bend, Deduct	*-38.61*	
		For 30 Degree Bend, Deduct	*-49.19*	
26 05 36 00-2539	EA	30" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	142.83	52.50
		For 9" Rung Spacing, Add	*2.25*	
		For 6" Rung Spacing, Add	*9.63*	
		For 4" Rung Spacing, Add	*17.66*	
		For 18" Rung Spacing, Deduct	*-1.61*	
		For Solid Bottom, Add	*31.06*	
		For Vented Trough Bottom, Add	*35.51*	
		For 60 Degree Bend, Deduct	*-29.05*	
		For 45 Degree Bend, Deduct	*-40.05*	
		For 30 Degree Bend, Deduct	*-51.04*	
26 05 36 00-2540	EA	36" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	155.60	56.49
		For 9" Rung Spacing, Add	*2.48*	
		For 6" Rung Spacing, Add	*10.64*	
		For 4" Rung Spacing, Add	*19.51*	
		For 18" Rung Spacing, Deduct	*-1.77*	
		For Solid Bottom, Add	*33.98*	
		For Vented Trough Bottom, Add	*38.96*	
		For 60 Degree Bend, Deduct	*-31.87*	
		For 45 Degree Bend, Deduct	*-43.91*	
		For 30 Degree Bend, Deduct	*-55.95*	
26 05 36 00-2541		**Horizontal Tees** *(26 05 36 00-2516)*		
26 05 36 00-2542	EA	6" Horizontal Tee, Fiberglass Cable Tray	140.39	60.47
		For 9" Rung Spacing, Add	*1.74*	
		For 6" Rung Spacing, Add	*7.45*	
		For 4" Rung Spacing, Add	*13.66*	
		For 18" Rung Spacing, Deduct	*-1.24*	
		For Solid Bottom, Add	*28.51*	
		For Vented Trough Bottom, Add	*31.21*	
26 05 36 00-2543	EA	9" Horizontal Tee, Fiberglass Cable Tray	158.10	71.00
		For 9" Rung Spacing, Add	*1.81*	
		For 6" Rung Spacing, Add	*7.75*	
		For 4" Rung Spacing, Add	*14.20*	
		For 18" Rung Spacing, Deduct	*-1.29*	
		For Solid Bottom, Add	*31.46*	
		For Vented Trough Bottom, Add	*33.97*	
26 05 36 00-2544	EA	12" Horizontal Tee, Fiberglass Cable Tray	180.63	84.67
		For 9" Rung Spacing, Add	*1.88*	
		For 6" Rung Spacing, Add	*8.04*	
		For 4" Rung Spacing, Add	*14.75*	
		For 18" Rung Spacing, Deduct	*-1.34*	
		For Solid Bottom, Add	*35.14*	
		For Vented Trough Bottom, Add	*37.33*	
26 05 36 00-2545	EA	18" Horizontal Tee, Fiberglass Cable Tray	201.73	95.19
		For 9" Rung Spacing, Add	*2.07*	
		For 6" Rung Spacing, Add	*8.85*	
		For 4" Rung Spacing, Add	*16.23*	
		For 18" Rung Spacing, Deduct	*-1.48*	
		For Solid Bottom, Add	*39.11*	
		For Vented Trough Bottom, Add	*41.44*	
26 05 36 00-2546	EA	24" Horizontal Tee, Fiberglass Cable Tray	212.08	99.18
		For 9" Rung Spacing, Add	*2.22*	
		For 6" Rung Spacing, Add	*9.50*	
		For 4" Rung Spacing, Add	*17.41*	
		For 18" Rung Spacing, Deduct	*-1.58*	
		For Solid Bottom, Add	*41.31*	
		For Vented Trough Bottom, Add	*43.92*	
26 05 36 00-2547	EA	30" Horizontal Tee, Fiberglass Cable Tray	227.19	104.86
		For 9" Rung Spacing, Add	*2.45*	
		For 6" Rung Spacing, Add	*10.49*	
		For 4" Rung Spacing, Add	*19.24*	
		For 18" Rung Spacing, Deduct	*-1.75*	
		For Solid Bottom, Add	*44.57*	
		For Vented Trough Bottom, Add	*47.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2548	EA	36" Horizontal Tee, Fiberglass Cable Tray	246.62	112.97
		For 9" Rung Spacing, Add	*2.70*	
		For 6" Rung Spacing, Add	*11.59*	
		For 4" Rung Spacing, Add	*21.25*	
		For 18" Rung Spacing, Deduct	*-1.93*	
		For Solid Bottom, Add	*48.59*	
		For Vented Trough Bottom, Add	*52.08*	
26 05 36 00-2549		**Horizontal Crosses** *(26 05 36 00-2516)*		
26 05 36 00-2550	EA	6" Horizontal Cross, Fiberglass Cable Tray	220.91	104.86
		For 9" Rung Spacing, Add	*2.23*	
		For 6" Rung Spacing, Add	*9.55*	
		For 4" Rung Spacing, Add	*17.51*	
		For 18" Rung Spacing, Deduct	*-1.59*	
		For Solid Bottom, Add	*42.69*	
		For Vented Trough Bottom, Add	*45.12*	
26 05 36 00-2551	EA	9" Horizontal Cross, Fiberglass Cable Tray	234.89	112.97
		For 9" Rung Spacing, Add	*2.29*	
		For 6" Rung Spacing, Add	*9.83*	
		For 4" Rung Spacing, Add	*18.03*	
		For 18" Rung Spacing, Deduct	*-1.64*	
		For Solid Bottom, Add	*45.07*	
		For Vented Trough Bottom, Add	*47.39*	
26 05 36 00-2552	EA	12" Horizontal Cross, Fiberglass Cable Tray	248.88	121.08
		For 9" Rung Spacing, Add	*2.36*	
		For 6" Rung Spacing, Add	*10.12*	
		For 4" Rung Spacing, Add	*18.55*	
		For 18" Rung Spacing, Deduct	*-1.69*	
		For Solid Bottom, Add	*47.45*	
		For Vented Trough Bottom, Add	*49.66*	
26 05 36 00-2553	EA	18" Horizontal Cross, Fiberglass Cable Tray	266.35	129.06
		For 9" Rung Spacing, Add	*2.55*	
		For 6" Rung Spacing, Add	*10.92*	
		For 4" Rung Spacing, Add	*20.03*	
		For 18" Rung Spacing, Deduct	*-1.82*	
		For Solid Bottom, Add	*50.88*	
		For Vented Trough Bottom, Add	*53.32*	
26 05 36 00-2554	EA	24" Horizontal Cross, Fiberglass Cable Tray	282.56	137.16
		For 9" Rung Spacing, Add	*2.69*	
		For 6" Rung Spacing, Add	*11.54*	
		For 4" Rung Spacing, Add	*21.16*	
		For 18" Rung Spacing, Deduct	*-1.92*	
		For Solid Bottom, Add	*53.93*	
		For Vented Trough Bottom, Add	*56.48*	
26 05 36 00-2555	EA	30" Horizontal Cross, Fiberglass Cable Tray	301.47	145.26
		For 9" Rung Spacing, Add	*2.93*	
		For 6" Rung Spacing, Add	*12.56*	
		For 4" Rung Spacing, Add	*23.03*	
		For 18" Rung Spacing, Deduct	*-2.09*	
		For Solid Bottom, Add	*57.78*	
		For Vented Trough Bottom, Add	*60.72*	
26 05 36 00-2556	EA	36" Horizontal Cross, Fiberglass Cable Tray	325.98	155.66
		For 9" Rung Spacing, Add	*3.24*	
		For 6" Rung Spacing, Add	*13.88*	
		For 4" Rung Spacing, Add	*25.45*	
		For 18" Rung Spacing, Deduct	*-2.31*	
		For Solid Bottom, Add	*62.78*	
		For Vented Trough Bottom, Add	*66.19*	
26 05 36 00-2557		**Horizontal Wyes** *(26 05 36 00-2516)*		
26 05 36 00-2558	EA	6" Horizontal Wye, Fiberglass Cable Tray	135.37	60.47
		For 9" Rung Spacing, Add	*1.56*	
		For 6" Rung Spacing, Add	*6.70*	
		For 4" Rung Spacing, Add	*12.28*	
		For 18" Rung Spacing, Deduct	*-1.12*	
		For Solid Bottom, Add	*27.00*	
		For Vented Trough Bottom, Add	*29.20*	
26 05 36 00-2559	EA	9" Horizontal Wye, Fiberglass Cable Tray	143.23	64.59
		For 9" Rung Spacing, Add	*1.63*	
		For 6" Rung Spacing, Add	*6.97*	
		For 4" Rung Spacing, Add	*12.78*	
		For 18" Rung Spacing, Deduct	*-1.16*	
		For Solid Bottom, Add	*28.46*	
		For Vented Trough Bottom, Add	*30.68*	
26 05 36 00-2560	EA	12" Horizontal Wye, Fiberglass Cable Tray	175.25	84.67
		For 9" Rung Spacing, Add	*1.69*	
		For 6" Rung Spacing, Add	*7.24*	
		For 4" Rung Spacing, Add	*13.27*	
		For 18" Rung Spacing, Deduct	*-1.21*	
		For Solid Bottom, Add	*33.53*	
		For Vented Trough Bottom, Add	*35.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2561	EA	18" Horizontal Wye, Fiberglass Cable Tray	195.82	95.19
		For 9" Rung Spacing, Add	*1.86*	
		For 6" Rung Spacing, Add	*7.96*	
		For 4" Rung Spacing, Add	*14.60*	
		For 18" Rung Spacing, Deduct	*-1.33*	
		For Solid Bottom, Add	*37.34*	
		For Vented Trough Bottom, Add	*39.08*	
26 05 36 00-2562	EA	24" Horizontal Wye, Fiberglass Cable Tray	205.63	99.18
		For 9" Rung Spacing, Add	*1.99*	
		For 6" Rung Spacing, Add	*8.53*	
		For 4" Rung Spacing, Add	*15.64*	
		For 18" Rung Spacing, Deduct	*-1.42*	
		For Solid Bottom, Add	*39.37*	
		For Vented Trough Bottom, Add	*41.34*	
26 05 36 00-2563	EA	30" Horizontal Wye, Fiberglass Cable Tray	220.19	104.86
		For 9" Rung Spacing, Add	*2.20*	
		For 6" Rung Spacing, Add	*9.44*	
		For 4" Rung Spacing, Add	*17.31*	
		For 18" Rung Spacing, Deduct	*-1.57*	
		For Solid Bottom, Add	*42.47*	
		For Vented Trough Bottom, Add	*44.84*	
26 05 36 00-2564	EA	36" Horizontal Wye, Fiberglass Cable Tray	238.89	112.97
		For 9" Rung Spacing, Add	*2.43*	
		For 6" Rung Spacing, Add	*10.43*	
		For 4" Rung Spacing, Add	*19.13*	
		For 18" Rung Spacing, Deduct	*-1.74*	
		For Solid Bottom, Add	*46.27*	
		For Vented Trough Bottom, Add	*48.99*	
26 05 36 00-2565		**Straight Reducers** *(26 05 36 00-2516)*		
26 05 36 00-2566	EA	9"-6" Reducer, Fiberglass Cable Tray	61.57	24.19
		For 9" Rung Spacing, Add	*0.89*	
		For 6" Rung Spacing, Add	*3.79*	
		For 4" Rung Spacing, Add	*6.95*	
		For 18" Rung Spacing, Deduct	*-0.63*	
		For Solid Bottom, Add	*13.03*	
		For Vented Trough Bottom, Add	*14.65*	
26 05 36 00-2567	EA	12"-9" Reducer, Fiberglass Cable Tray	67.99	28.18
		For 9" Rung Spacing, Add	*0.90*	
		For 6" Rung Spacing, Add	*3.85*	
		For 4" Rung Spacing, Add	*7.06*	
		For 18" Rung Spacing, Deduct	*-0.64*	
		For Solid Bottom, Add	*14.05*	
		For Vented Trough Bottom, Add	*15.56*	
26 05 36 00-2568	EA	18"-12" Reducer, Fiberglass Cable Tray	74.39	32.29
		For 9" Rung Spacing, Add	*0.91*	
		For 6" Rung Spacing, Add	*3.90*	
		For 4" Rung Spacing, Add	*7.15*	
		For 18" Rung Spacing, Deduct	*-0.65*	
		For Solid Bottom, Add	*15.06*	
		For Vented Trough Bottom, Add	*16.45*	
26 05 36 00-2569	EA	24"-18" Reducer, Fiberglass Cable Tray	80.12	35.44
		For 9" Rung Spacing, Add	*0.94*	
		For 6" Rung Spacing, Add	*4.04*	
		For 4" Rung Spacing, Add	*7.40*	
		For 18" Rung Spacing, Deduct	*-0.67*	
		For Solid Bottom, Add	*16.05*	
		For Vented Trough Bottom, Add	*17.41*	
26 05 36 00-2570	EA	30"-24" Reducer, Fiberglass Cable Tray	89.45	38.71
		For 9" Rung Spacing, Add	*1.10*	
		For 6" Rung Spacing, Add	*4.71*	
		For 4" Rung Spacing, Add	*8.63*	
		For 18" Rung Spacing, Deduct	*-0.78*	
		For Solid Bottom, Add	*18.13*	
		For Vented Trough Bottom, Add	*19.81*	
26 05 36 00-2571	EA	36"-30" Reducer, Fiberglass Cable Tray	100.56	42.81
		For 9" Rung Spacing, Add	*1.28*	
		For 6" Rung Spacing, Add	*5.47*	
		For 4" Rung Spacing, Add	*10.03*	
		For 18" Rung Spacing, Deduct	*-0.91*	
		For Solid Bottom, Add	*20.55*	
		For Vented Trough Bottom, Add	*22.60*	
26 05 36 00-2572		**Vertical Tees** *(26 05 36 00-2516)*		
26 05 36 00-2573	EA	6" Vertical Tee, Fiberglass Cable Tray	185.59	60.47
		For 9" Rung Spacing, Add	*3.32*	
		For 6" Rung Spacing, Add	*14.23*	
		For 4" Rung Spacing, Add	*26.09*	
		For 18" Rung Spacing, Deduct	*-2.37*	
		For Solid Bottom, Add	*42.07*	
		For Vented Trough Bottom, Add	*49.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2574	EA	9" Vertical Tee, Fiberglass Cable Tray	192.81	64.59
		For 9" Rung Spacing, Add	*3.36*	
		For 6" Rung Spacing, Add	*14.41*	
		For 4" Rung Spacing, Add	*26.42*	
		For 18" Rung Spacing, Deduct	*-2.40*	
		For Solid Bottom, Add	*43.33*	
		For Vented Trough Bottom, Add	*50.52*	
26 05 36 00-2575	EA	12" Vertical Tee, Fiberglass Cable Tray	224.21	84.67
		For 9" Rung Spacing, Add	*3.40*	
		For 6" Rung Spacing, Add	*14.58*	
		For 4" Rung Spacing, Add	*26.73*	
		For 18" Rung Spacing, Deduct	*-2.43*	
		For Solid Bottom, Add	*48.21*	
		For Vented Trough Bottom, Add	*54.76*	
26 05 36 00-2576	EA	18" Vertical Tee, Fiberglass Cable Tray	242.63	95.19
		For 9" Rung Spacing, Add	*3.50*	
		For 6" Rung Spacing, Add	*14.99*	
		For 4" Rung Spacing, Add	*27.47*	
		For 18" Rung Spacing, Deduct	*-2.50*	
		For Solid Bottom, Add	*51.38*	
		For Vented Trough Bottom, Add	*57.80*	
26 05 36 00-2577	EA	24" Vertical Tee, Fiberglass Cable Tray	251.18	99.18
		For 9" Rung Spacing, Add	*3.58*	
		For 6" Rung Spacing, Add	*15.36*	
		For 4" Rung Spacing, Add	*28.16*	
		For 18" Rung Spacing, Deduct	*-2.56*	
		For Solid Bottom, Add	*53.04*	
		For Vented Trough Bottom, Add	*59.56*	
26 05 36 00-2578	EA	30" Vertical Tee, Fiberglass Cable Tray	261.99	104.86
		For 9" Rung Spacing, Add	*3.67*	
		For 6" Rung Spacing, Add	*15.71*	
		For 4" Rung Spacing, Add	*28.81*	
		For 18" Rung Spacing, Deduct	*-2.62*	
		For Solid Bottom, Add	*55.01*	
		For Vented Trough Bottom, Add	*61.56*	
26 05 36 00-2579	EA	36" Vertical Tee, Fiberglass Cable Tray	285.06	112.97
		For 9" Rung Spacing, Add	*4.05*	
		For 6" Rung Spacing, Add	*17.36*	
		For 4" Rung Spacing, Add	*31.82*	
		For 18" Rung Spacing, Deduct	*-2.89*	
		For Solid Bottom, Add	*60.12*	
		For Vented Trough Bottom, Add	*67.46*	

26 05 36 00-2580 Flextray™ Cable Tray *(26 05 36 00-0001)*

26 05 36 00-2581 Flextray™ Cable Tray Straight Sections *(26 05 36 00-2580)*

Note: Includes splicing and splice bars.

26 05 36 00-2582	LF	2" Deep x 2" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	32.27	7.62
26 05 36 00-2583	LF	2" Deep x 4" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	42.24	8.13
26 05 36 00-2584	LF	2" Deep x 6" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	44.44	8.49
26 05 36 00-2585	LF	2" Deep x 8" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	46.70	8.93
26 05 36 00-2586	LF	2" Deep x 12" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	50.27	9.36
26 05 36 00-2587	LF	2" Deep x 16" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	54.29	9.80
26 05 36 00-2588	LF	2" Deep x 18" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	55.28	10.23
26 05 36 00-2589	LF	2" Deep x 20" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	57.51	10.52
26 05 36 00-2590	LF	2" Deep x 24" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	58.66	10.81
26 05 36 00-2591	LF	4" Deep x 4" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	43.54	8.95
26 05 36 00-2592	LF	4" Deep x 6" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	47.86	9.31
26 05 36 00-2593	LF	4" Deep x 8" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	52.27	9.80
26 05 36 00-2594	LF	4" Deep x 12" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	55.65	10.28
26 05 36 00-2595	LF	4" Deep x 16" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	59.43	10.76
26 05 36 00-2596	LF	4" Deep x 18" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	64.66	11.24
26 05 36 00-2597	LF	4" Deep x 20" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	68.84	11.62
26 05 36 00-2598	LF	4" Deep x 24" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	71.79	11.86
26 05 36 00-2599	LF	4" Deep x 30" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	94.20	12.70
26 05 36 00-2600	LF	6" Deep x 8" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	58.29	10.76
26 05 36 00-2601	LF	6" Deep x 12" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	67.35	11.24
26 05 36 00-2602	LF	6" Deep x 16" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	70.46	11.74
26 05 36 00-2603	LF	6" Deep x 18" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	76.41	12.34
26 05 36 00-2604	LF	6" Deep x 20" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	78.95	12.58
26 05 36 00-2605	LF	6" Deep x 24" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	99.56	12.94

26 05 36 00-2606 Flextray™ Cable Tray Bends *(26 05 36 00-2580)*

Note: Includes field fabricated bend and 90 degree kit.

26 05 36 00-2607	EA	2" Deep x 2" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	24.23	5.68
26 05 36 00-2608	EA	2" Deep x 4" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	31.69	6.04
26 05 36 00-2609	EA	2" Deep x 6" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	44.44	8.47
26 05 36 00-2610	EA	2" Deep x 8" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	70.13	13.43

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2611		EA	2" Deep x 12" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	100.54	18.75
26 05 36 00-2612		EA	2" Deep x 16" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	135.76	24.55
26 05 36 00-2613		EA	2" Deep x 18" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	152.48	30.72
26 05 36 00-2614		EA	2" Deep x 20" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	181.36	36.89
26 05 36 00-2615		EA	2" Deep x 24" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	234.71	43.31
26 05 36 00-2616		EA	4" Deep x 4" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	32.60	6.65
26 05 36 00-2617		EA	4" Deep x 6" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	47.90	9.31
26 05 36 00-2618		EA	4" Deep x 8" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	78.38	14.75
26 05 36 00-2619		EA	4" Deep x 12" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	111.31	20.57
26 05 36 00-2620		EA	4" Deep x 16" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	148.51	26.97
26 05 36 00-2621		EA	4" Deep x 18" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	177.91	33.74
26 05 36 00-2622		EA	4" Deep x 20" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	216.10	40.52
26 05 36 00-2623		EA	4" Deep x 24" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	287.19	47.54
26 05 36 00-2624		EA	4" Deep x 30" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	471.14	63.50
26 05 36 00-2625		EA	6" Deep x 8" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	87.36	16.09
26 05 36 00-2626		EA	6" Deep x 12" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	134.74	22.50
26 05 36 00-2627		EA	6" Deep x 16" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	176.17	29.40
26 05 36 00-2628		EA	6" Deep x 18" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	209.70	36.89
26 05 36 00-2629		EA	6" Deep x 20" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	247.35	44.15
26 05 36 00-2630		EA	6" Deep x 24" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	398.22	51.88
26 05 36 00-2631			Flextray™ Cable Tray Brackets *(26 05 36 00-2580)*		
26 05 36 00-2632		EA	6" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	58.44	15.97
26 05 36 00-2633		EA	8" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	63.70	15.97
26 05 36 00-2634		EA	12" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	72.66	15.97
26 05 36 00-2635		EA	16" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	91.40	17.42
26 05 36 00-2636		EA	18" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	99.23	17.42
26 05 36 00-2637		EA	20" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	101.85	17.42
26 05 36 00-2638		EA	24" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™	104.17	17.42

26 05 39 Underfloor Raceways for Electrical Systems *(26 05)*

26 05 39 00-0001			Underfloor Ducts *(26 05 39)*		
26 05 39 00-0002			Straight Duct Sections 10' Long, 14 Gauge Steel *(26 05 39 00-0001)*		
26 05 39 00-0003			Standard Ducts, 3.8 Square Inches *(26 05 39 00-0002)*		
26 05 39 00-0004		EA	Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches	107.70	21.29
26 05 39 00-0005		EA	Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches	135.89	24.92
26 05 39 00-0006			Large Capacity Ducts, 8.9 Square Inches *(26 05 39 00-0002)*		
26 05 39 00-0007		EA	Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches	180.76	26.97
26 05 39 00-0008		EA	Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches	207.22	29.88
26 05 39 00-0009			Junction Boxes *(26 05 39 00-0001)*		
26 05 39 00-0010			One Level Junction Boxes *(26 05 39 00-0009)*		
26 05 39 00-0011		EA	1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box	275.35	42.33
26 05 39 00-0012		EA	1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box	312.14	45.36
26 05 39 00-0013		EA	1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box Note: Isolate each duct and form a continuous raceway through the box in both directions.	506.83	42.33
26 05 39 00-0014		EA	1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box	342.33	45.36
26 05 39 00-0015		EA	1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box	545.25	59.63
26 05 39 00-0016		EA	1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct	767.96	64.83
26 05 39 00-0017			Two Level Junction Boxes *(26 05 39 00-0009)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0018	EA	2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway.	1,178.70	42.81
26 05 39 00-0019	EA	2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts	1,356.79	45.36
26 05 39 00-0020		**Elbow Fittings** *(26 05 39 00-0001)*		
26 05 39 00-0021		**90 Degree Horizontal Elbow** *(26 05 39 00-0020)*		
26 05 39 00-0022	EA	Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree	135.28	15.60
26 05 39 00-0023	EA	Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree	139.43	15.60
26 05 39 00-0024		**90 Degree Vertical Elbow** *(26 05 39 00-0020)*		
26 05 39 00-0025	EA	Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree	74.90	15.60
26 05 39 00-0026	EA	Underfloor Large Duct Vertical Elbow Fitting, 90 Degree	76.55	15.60
26 05 39 00-0027		**Offset Elbow** *(26 05 39 00-0020)* Note: Two elbows required for crossover or crossunder.		
26 05 39 00-0028	EA	Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under	74.90	18.14
26 05 39 00-0029	EA	Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under	76.55	18.14
26 05 39 00-0030		**Couplings** *(26 05 39 00-0001)*		
26 05 39 00-0031		**Sleeve Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0032	EA	Underfloor Standard Duct Sleeve Coupling	47.39	24.19
26 05 39 00-0033	EA	Underfloor Large Duct Sleeve Coupling	73.48	24.19
26 05 39 00-0034		**Expansion Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0035	EA	Underfloor Standard Duct Expansion Coupling	106.95	24.19
26 05 39 00-0036	EA	Underfloor Large Duct Expansion Coupling	109.02	25.52
26 05 39 00-0037		**Reducing Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0038	EA	Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling	106.30	3.63
26 05 39 00-0039		**Duct Supports** *(26 05 39 00-0001)*		
26 05 39 00-0040		**Combination Support And Coupling** *(26 05 39 00-0039)* Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0041	EA	1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	108.55	50.80
26 05 39 00-0042	EA	2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	120.92	50.80
26 05 39 00-0043	EA	3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	133.38	50.80
26 05 39 00-0044	EA	1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	120.92	56.85
26 05 39 00-0045	EA	2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	146.12	56.85
26 05 39 00-0046	EA	1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	133.38	60.47
26 05 39 00-0047	EA	2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	133.38	60.47
26 05 39 00-0048	EA	1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	146.12	60.47
26 05 39 00-0049		**Duct Support Only** *(26 05 39 00-0039)* Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0050	EA	1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	98.03	44.75
26 05 39 00-0051	EA	2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	115.36	44.75
26 05 39 00-0052	EA	3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	134.06	44.75
26 05 39 00-0053		**Underfloor Duct Accessories** *(26 05 39 00-0001)*		
26 05 39 00-0054		**Plugs For Unused Junction Box Openings And Duct Ends** *(26 05 39 00-0053)*		
26 05 39 00-0055	EA	Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends	27.74	3.63
26 05 39 00-0056	EA	Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends	28.38	3.63
26 05 39 00-0057		**Conduit Adapters** *(26 05 39 00-0053)*		
26 05 39 00-0058	EA	One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	40.27	6.04
26 05 39 00-0059	EA	Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	42.77	6.04
26 05 39 00-0060	EA	One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	41.52	6.04
26 05 39 00-0061	EA	Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter	42.79	6.04
26 05 39 00-0062		**Holders And Caps** *(26 05 39 00-0053)*		
26 05 39 00-0063	EA	Tile Holder, Underfloor Duct Accessories	258.70	50.80
26 05 39 00-0064	EA	Terrazzo Holder, Underfloor Duct Accessories	497.91	50.80
26 05 39 00-0065	EA	Closing Caps For Inserts, Underfloor Duct Accessories	3.34	1.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0066		Underfloor Dust Pans *(26 05 39 00-0001)*		
26 05 39 00-0067	EA	Underfloor Dust Carpet Pan	113.80	6.63

26 05 43 Underground Ducts and Raceways for Electrical Systems *(26 05)*

Note: Includes warning tape. See CSI section 33 71 19 23-0000 for underground trenched ductbank.

26 05 43 00-0001 Precast Concrete Trenches, One Piece Pedestrian Trench *(26 05 43)*

Note: Rated for 200 PSF Pedestrian Weight. Excludes excavation, removal of dirt and sand bedding.

26 05 43 00-0002 10" Wide Pedestrian Trench *(26 05 43 00-0001)*

26 05 43 00-0003	LF	Base, Solid Bottom 10" Wide x 15" Deep Pedestrian Trench	86.25	
26 05 43 00-0004	LF	Base, Open Bottom 10" Wide x 15" Deep Pedestrian Trench	82.51	
26 05 43 00-0005	LF	Base, Solid Bottom 10" Wide x 24" Deep Pedestrian Trench	119.79	
26 05 43 00-0006	LF	Base, Open Bottom 10" Wide x 24" Deep Pedestrian Trench	114.59	
26 05 43 00-0007	EA	End Wall, 10" Wide x 15" Deep Pedestrian Trench	58.53	
26 05 43 00-0008	EA	End Wall, 10" Wide x 24" Deep Pedestrian Trench	69.45	
26 05 43 00-0009	LF	Lid, Concrete, 10" Wide Pedestrian Trench	57.51	

26 05 43 00-0010 20" Wide Pedestrian Trench *(26 05 43 00-0001)*

26 05 43 00-0011	LF	Base, Solid Bottom 20" Wide x 15" Deep Pedestrian Trench	109.39	
26 05 43 00-0012	LF	Base, Open Bottom 20" Wide x 15" Deep Pedestrian Trench	102.77	
26 05 43 00-0013	LF	Base, Solid Bottom 20" Wide x 24" Deep Pedestrian Trench	148.27	
26 05 43 00-0014	LF	Base, Open Bottom 20" Wide x 24" Deep Pedestrian Trench	142.24	
26 05 43 00-0015	EA	End Wall, 20" Wide x 15" Deep Pedestrian Trench	73.28	
26 05 43 00-0016	EA	End Wall, 20" Wide x 24" Deep Pedestrian Trench	106.78	
26 05 43 00-0017	LF	Lid, Concrete, 20" Wide Pedestrian Trench	71.90	

26 05 43 00-0018 30" Wide Pedestrian Trench *(26 05 43 00-0001)*

26 05 43 00-0019	LF	Base, Solid Bottom 30" Wide x 15" Deep Pedestrian Trench	139.87	
26 05 43 00-0020	LF	Base, Open Bottom 30" Wide x 15" Deep Pedestrian Trench	164.13	
26 05 43 00-0021	LF	Base, Solid Bottom 30" Wide x 24" Deep Pedestrian Trench	174.97	
26 05 43 00-0022	LF	Base, Open Bottom 30" Wide x 24" Deep Pedestrian Trench	168.10	
26 05 43 00-0023	EA	End Wall, 30" Wide x 15" Deep Pedestrian Trench	105.21	
26 05 43 00-0024	EA	End Wall, 30" Wide x 24" Deep Pedestrian Trench	142.57	
26 05 43 00-0025	LF	Lid, Concrete, 30" Wide Pedestrian Trench	89.75	

26 05 43 00-0026 40" Wide Pedestrian Trench *(26 05 43 00-0001)*

26 05 43 00-0027	LF	Base, Solid Bottom 40" Wide x 15" Deep Pedestrian Trench	167.66	
26 05 43 00-0028	LF	Base, Open Bottom 40" Wide x 15" Deep Pedestrian Trench	161.41	
26 05 43 00-0029	LF	Base, Solid Bottom 40" Wide x 24" Deep Pedestrian Trench	205.15	
26 05 43 00-0030	LF	Base, Open Bottom 40" Wide x 24" Deep Pedestrian Trench	197.50	
26 05 43 00-0031	EA	End Wall, 40" Wide x 15" Deep Pedestrian Trench	134.67	
26 05 43 00-0032	EA	End Wall, 40" Wide x 24" Deep Pedestrian Trench	182.28	
26 05 43 00-0033	LF	Lid, Concrete, 40" Wide Pedestrian Trench	106.10	

26 05 43 00-0034 Precast Concrete Trenches, One Piece Medium Vehicle Trench *(26 05 43)*

Note: Rated for 7000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.

26 05 43 00-0035 10" Wide Medium Vehicle Trench *(26 05 43 00-0034)*

26 05 43 00-0036	LF	Base, Solid Bottom 10" Wide x 15" Deep Medium Vehicle Trench	104.63	
26 05 43 00-0037	LF	Base, Open Bottom 10" Wide x 15" Deep Medium Vehicle Trench	99.77	
26 05 43 00-0038	LF	Base, Solid Bottom 10" Wide x 24" Deep Medium Vehicle Trench	145.29	
26 05 43 00-0039	LF	Base Open Bottom 10" Wide x 24" Deep Medium Vehicle Trench	138.57	
26 05 43 00-0040	EA	End Wall, 10" Wide x 15" Deep Medium Vehicle Trench	68.74	
26 05 43 00-0041	EA	End Wall, 10" Wide x 24" Deep Medium Vehicle Trench	80.15	
26 05 43 00-0042	LF	Lid, Concrete 10" Wide Medium Vehicle Trench	69.76	
26 05 43 00-0043	LF	Lid, Galvanized Steel 10" Wide Medium Vehicle Trench	308.98	

26 05 43 00-0044 20" Wide Medium Vehicle Trench *(26 05 43 00-0034)*

26 05 43 00-0045	LF	Base, Solid Bottom 20" Wide x 15" Deep Medium Vehicle Trench	131.83	
26 05 43 00-0046	LF	Base, Open Bottom 20" Wide x 15" Deep Medium Vehicle Trench	123.29	
26 05 43 00-0047	LF	Base, Solid Bottom 20" Wide x 24" Deep Medium Vehicle Trench	177.85	
26 05 43 00-0048	LF	Base Open Bottom 20" Wide x 24" Deep Medium Vehicle Trench	170.06	
26 05 43 00-0049	EA	End Wall, 20" Wide x 15" Deep Medium Vehicle Trench	85.10	
26 05 43 00-0050	EA	End Wall, 20" Wide x 24" Deep Medium Vehicle Trench	124.17	
26 05 43 00-0051	LF	Lid, Concrete 20" Wide Medium Vehicle Trench	87.22	
26 05 43 00-0052	LF	Lid, Galvanized Steel 20" Wide Medium Vehicle Trench	409.75	

26 05 43 00-0053 30" Wide Medium Vehicle Trench *(26 05 43 00-0034)*

26 05 43 00-0054	LF	Base, Solid Bottom 30" Wide x 15" Deep Medium Vehicle Trench	133.05	
26 05 43 00-0055	LF	Base, Open Bottom 30" Wide x 15" Deep Medium Vehicle Trench	159.39	
26 05 43 00-0056	LF	Base, Solid Bottom 30" Wide x 24" Deep Medium Vehicle Trench	208.63	
26 05 43 00-0057	LF	Base Open Bottom 30" Wide x 24" Deep Medium Vehicle Trench	199.75	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 43 00-0058	EA	End Wall, 30" Wide x 15" Deep Medium Vehicle Trench	121.52	
26 05 43 00-0059	EA	End Wall, 30" Wide x 24" Deep Medium Vehicle Trench	166.70	
26 05 43 00-0060	LF	Lid, Concrete 30" Wide Medium Vehicle Trench	109.15	
26 05 43 00-0061	LF	Lid, Galvanized Steel 30" Wide Medium Vehicle Trench	511.50	
26 05 43 00-0062		**40" Wide Medium Vehicle Trench** *(26 05 43 00-0034)*		
26 05 43 00-0063	LF	Base, Solid Bottom 40" Wide x 15" Deep Medium Vehicle Trench	198.26	
26 05 43 00-0064	LF	Base, Open Bottom 40" Wide x 15" Deep Medium Vehicle Trench	190.19	
26 05 43 00-0065	LF	Base, Solid Bottom 40" Wide x 24" Deep Medium Vehicle Trench	242.68	
26 05 43 00-0066	LF	Base Open Bottom 40" Wide x 24" Deep Medium Vehicle Trench	232.78	
26 05 43 00-0067	EA	End Wall, 40" Wide x 15" Deep Medium Vehicle Trench	155.56	
26 05 43 00-0068	EA	End Wall, 40" Wide x 24" Deep Medium Vehicle Trench	213.10	
26 05 43 00-0069	LF	Lid, Concrete 40" Wide Medium Vehicle Trench	128.54	
26 05 43 00-0070	LF	Lid, Galvanized Steel 40" Wide Medium Vehicle Trench	695.39	
26 05 43 00-0071		**Precast Concrete Trenches, One Piece H20 Road Crossing Trench** *(26 05 43)*		
		Note: H20 Rated for 32000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.		
26 05 43 00-0072		**10" Wide H20 Road Crossing Trench** *(26 05 43 00-0071)*		
26 05 43 00-0073	LF	Base, Solid Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	225.80	
26 05 43 00-0074	LF	Base, Open Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	214.91	
26 05 43 00-0075	LF	Base, Solid Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	282.15	
26 05 43 00-0076	LF	Base, Open Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	268.41	
26 05 43 00-0077	LF	Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	216.83	
26 05 43 00-0078	LF	Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	206.46	
26 05 43 00-0079	LF	Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	273.17	
26 05 43 00-0080	LF	Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	259.99	
26 05 43 00-0081	EA	End Wall for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	149.50	
26 05 43 00-0082	EA	End Wall for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	202.38	
26 05 43 00-0083	EA	End Wall for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	135.26	
26 05 43 00-0084	EA	End Wall for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	187.83	
26 05 43 00-0085	LF	Lid, Concrete 10" Wide Road Crossing Trench	104.32	
26 05 43 00-0086	LF	Lid, Galvanized Steel 10" Wide Road Crossing Trench	335.28	
26 05 43 00-0087		**20" Wide H20 Road Crossing Trench** *(26 05 43 00-0071)*		
26 05 43 00-0088	LF	Base, Solid Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	239.54	
26 05 43 00-0089	LF	Base, Open Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	228.37	
26 05 43 00-0090	LF	Base, Solid Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	316.97	
26 05 43 00-0091	LF	Base, Open Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	302.03	
26 05 43 00-0092	LF	Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	239.54	
26 05 43 00-0093	LF	Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	228.37	
26 05 43 00-0094	LF	Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	308.00	
26 05 43 00-0095	LF	Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	293.61	
26 05 43 00-0096	EA	End Wall for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	213.52	
26 05 43 00-0097	EA	End Wall for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	290.64	
26 05 43 00-0098	EA	End Wall for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	192.78	
26 05 43 00-0099	EA	End Wall for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	269.91	
26 05 43 00-0100	LF	Lid, Concrete 20" Wide Road Crossing Trench	116.37	
26 05 43 00-0101	LF	Lid, Galvanized Steel 20" Wide Road Crossing Trench	497.32	
26 05 43 00-0102		**30" Wide H20 Road Crossing Trench** *(26 05 43 00-0071)*		
26 05 43 00-0103	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	283.07	
26 05 43 00-0104	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	270.29	
26 05 43 00-0105	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	349.98	
26 05 43 00-0106	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	334.10	
26 05 43 00-0107	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	274.10	
26 05 43 00-0108	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	261.84	
26 05 43 00-0109	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	341.00	
26 05 43 00-0110	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	325.38	
26 05 43 00-0111	EA	End Wall for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	284.90	
26 05 43 00-0112	EA	End Wall for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	377.11	
26 05 43 00-0113	EA	End Wall for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	257.67	
26 05 43 00-0114	EA	End Wall for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	349.89	
26 05 43 00-0115	LF	Lid, Concrete 30" Wide Road Crossing Trench	147.27	
26 05 43 00-0116	LF	Lid, Galvanized Steel 30" Wide Road Crossing Trench	623.61	
26 05 43 00-0117		**40" Wide H20 Road Crossing Trench** *(26 05 43 00-0071)*		
26 05 43 00-0118	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	312.69	
26 05 43 00-0119	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	298.95	
26 05 43 00-0120	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	384.92	
26 05 43 00-0121	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	367.69	
26 05 43 00-0122	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	303.71	
26 05 43 00-0123	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	290.53	
26 05 43 00-0124	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	375.95	
26 05 43 00-0125	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	359.24	
26 05 43 00-0126	EA	End Wall for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	353.59	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 43 00-0127	EA	End Wall for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	467.76	
26 05 43 00-0128	EA	End Wall for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	320.18	
26 05 43 00-0129	EA	End Wall for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	434.34	
26 05 43 00-0130	LF	Lid, Concrete 40" Wide Road Crossing Trench	177.89	
26 05 43 00-0131	LF	Lid, Galvanized Steel 40" Wide Road Crossing Trench	847.93	

26 05 46 Utility Poles for Electrical Systems *(26 05)*

26 05 46 00-0001 Wood Poles *(26 05 46)*

26 05 46 00-0002 Wood Pole, Class 3, Penta-Treated To 8 LB Retention *(26 05 46 00-0001)*

Note: Machine dig and set.

26 05 46 00-0003	EA	25' Treated Wood Pole, Class 3, Machine Dig And Set	960.02	317.42
		For Class 1 Pole, Add	*113.77*	
		For Class 2 Pole, Add	*65.01*	
		For Class 4 Pole, Deduct	*-32.51*	
		For Class 5 Pole, Deduct	*-97.52*	
		For Class 6 Pole, Deduct	*-130.02*	
26 05 46 00-0004	EA	30' Treated Wood Pole, Class 3, Machine Dig And Set	1,145.74	352.18
		For Class 1 Pole, Add	*154.47*	
		For Class 2 Pole, Add	*88.27*	
		For Class 4 Pole, Deduct	*-44.13*	
		For Class 5 Pole, Deduct	*-132.40*	
		For Class 6 Pole, Deduct	*-176.54*	
26 05 46 00-0005	EA	35' Treated Wood Pole, Class 3, Machine Dig And Set	1,486.42	465.79
		For Class 1 Pole, Add	*194.24*	
		For Class 2 Pole, Add	*111.00*	
		For Class 4 Pole, Deduct	*-55.50*	
		For Class 5 Pole, Deduct	*-166.49*	
		For Class 6 Pole, Deduct	*-221.99*	
26 05 46 00-0006	EA	40' Treated Wood Pole, Class 3, Machine Dig And Set	1,698.48	512.30
		For Class 1 Pole, Add	*235.87*	
		For Class 2 Pole, Add	*134.78*	
		For Class 4 Pole, Deduct	*-67.39*	
		For Class 5 Pole, Deduct	*-202.17*	
		For Class 6 Pole, Deduct	*-269.56*	
26 05 46 00-0007	EA	45' Treated Wood Pole, Class 3, Machine Dig And Set	1,939.42	570.60
		For Class 1 Pole, Add	*279.34*	
		For Class 2 Pole, Add	*159.62*	
		For Class 4 Pole, Deduct	*-79.81*	
		For Class 5 Pole, Deduct	*-239.43*	
		For Class 6 Pole, Deduct	*-319.24*	
26 05 46 00-0008	EA	50' Treated Wood Pole, Class 3, Machine Dig And Set	2,205.69	640.39
		For Class 1 Pole, Add	*323.74*	
		For Class 2 Pole, Add	*184.99*	
		For Class 4 Pole, Deduct	*-92.50*	
		For Class 5 Pole, Deduct	*-277.49*	
		For Class 6 Pole, Deduct	*-369.98*	
26 05 46 00-0009	EA	55' Treated Wood Pole, Class 3, Machine Dig And Set	2,465.90	704.35
		For Class 1 Pole, Add	*369.99*	
		For Class 2 Pole, Add	*211.42*	
		For Class 4 Pole, Deduct	*-105.71*	
		For Class 5 Pole, Deduct	*-317.13*	
		For Class 6 Pole, Deduct	*-422.84*	
26 05 46 00-0010	EA	60' Treated Wood Pole, Class 3, Machine Dig And Set	2,754.28	774.55
		For Class 1 Pole, Add	*421.78*	
		For Class 2 Pole, Add	*241.02*	
		For Class 4 Pole, Deduct	*-120.51*	
		For Class 5 Pole, Deduct	*-361.53*	
		For Class 6 Pole, Deduct	*-482.04*	
26 05 46 00-0011	EA	65' Treated Wood Pole, Class 3, Machine Dig And Set	4,465.20	844.20
		For Class 1 Pole, Add	*971.86*	
		For Class 2 Pole, Add	*555.35*	
		For Class 4 Pole, Deduct	*-277.67*	
		For Class 5 Pole, Deduct	*-833.02*	
		For Class 6 Pole, Deduct	*-1,110.70*	
26 05 46 00-0012	EA	70' Treated Wood Pole, Class 3, Machine Dig And Set	4,900.37	898.03
		For Class 1 Pole, Add	*1,086.50*	
		For Class 2 Pole, Add	*620.86*	
		For Class 4 Pole, Deduct	*-310.43*	
		For Class 5 Pole, Deduct	*-931.29*	
		For Class 6 Pole, Deduct	*-1,241.72*	
26 05 46 00-0013	EA	75' Treated Wood Pole, Class 3, Machine Dig And Set	5,383.71	959.16
		For Class 1 Pole, Add	*1,212.87*	
		For Class 2 Pole, Add	*693.07*	
		For Class 4 Pole, Deduct	*-346.53*	
		For Class 5 Pole, Deduct	*-1,039.60*	
		For Class 6 Pole, Deduct	*-1,386.14*	

26 05 46 00-0014 Removal And Relocation Of Wood Poles With Cross Arm *(26 05 46 00-0001)*

26 05 46 00-0015	LF	Removal And Relocation Of Up To 75' Wood Pole With Cross Arms	27.04	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0016		**Crossarms** *(26 05 46)* Note: Includes hardware and braces.		
26 05 46 00-0017		**Wood Single Arm Crossarms** *(26 05 46 00-0016)*		
26 05 46 00-0018	EA	3-1/2" x 4-1/2" x 5'-7", Single Arm Wood Crossarm, With Hardware And Braces	230.09	94.67
26 05 46 00-0019	EA	3-1/2" x 4-1/2" x 8'-0", Single Arm Wood Crossarm, With Hardware And Braces	278.31	94.67
26 05 46 00-0020	EA	3-3/4" x 4-3/4" x 10'-0", Single Arm Wood Crossarm, With Hardware And Braces	292.27	121.72
26 05 46 00-0021		**Wood Double Arm Crossarms** *(26 05 46 00-0016)*		
26 05 46 00-0022	EA	3-1/2" x 4-1/2" x 5'-7", Double Arm Wood Crossarm, With Hardware And Braces	593.19	263.73
26 05 46 00-0023	EA	3-1/2" x 4-1/2" x 8'-0", Double Arm Wood Crossarm, With Hardware And Braces	631.45	263.73
26 05 46 00-0024	EA	3-3/4" x 4-3/4" x 10'-0", Double Arm Wood Crossarm, With Hardware And Braces	657.51	263.73
26 05 46 00-0025		**Fiberglass Crossarms** *(26 05 46 00-0016)* Note: Includes hardware.		
26 05 46 00-0026		**Single Phase, 15 Degree Angle** *(26 05 46 00-0025)*		
26 05 46 00-0027	EA	Fiberglass Cutout And Arrestor Bracket, 18", Minimum Ultimate Load 800 LB	242.87	
26 05 46 00-0028	EA	Fiberglass Insulator Bracket, 14", 11/16" Diameter Hole, Minimum Ultimate Load 1,200 LB	309.52	56.80
26 05 46 00-0029	EA	Fiberglass Insulator Bracket, 14", 1" Lead Threaded, Minimum Ultimate Load 1,200 LB	323.05	60.86
26 05 46 00-0030		**Two Phase, 15 Degree Angle** *(26 05 46 00-0025)*		
26 05 46 00-0031	EA	Fiberglass Insulator Bracket, 36", Minimum Ultimate Load 1,200 LB	386.94	73.03
26 05 46 00-0032		**Fiberglass Crossarm Accessories** *(26 05 46 00-0025)*		
26 05 46 00-0033	EA	Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 7,000 LB Per Conductor	654.65	93.32
26 05 46 00-0034	EA	Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 12,000 LB Per Conductor	776.06	113.61
26 05 46 00-0035	EA	Pole Top Pin, Hot Dip Galvanized, 18", 1" Lead Threaded	113.85	16.23
26 05 46 00-0036	EA	Three Phase Equipment Mounting Bracket	569.26	81.14
26 05 46 00-0037	EA	Fiberglass Bull Horn Crossarm	449.75	135.24
26 05 46 00-0038		**Insulator Support System** *(26 05 46 00-0016)*		
26 05 46 00-0039		**Epoxy Construction Units, In Place Mounting** *(26 05 46 00-0038)* Note: Includes hardware.		
26 05 46 00-0040	EA	1-1/2" Diameter x 19" Long Pole Side Pins Vertical (1 Arm Installed), In Place Mounting	135.07	
26 05 46 00-0041	EA	1-1/2" Diameter x 15" Long Pole Top Pins, In Place Mounting	110.16	
26 05 46 00-0042	EA	Deadend Arms, In Place Mounting	317.22	
26 05 46 00-0043	EA	1-1/2" Diameter x 18" Long Pole Side Pins Vertical (2 Arms Installed), In Place Mounting	215.50	
26 05 46 00-0044		**Epoxy Construction Units, Grounding Mounting** *(26 05 46 00-0038)* Note: Includes hardware.		
26 05 46 00-0045	EA	1-1/2" Diameter x 18" Long Pole Side Pins Vertical, Grounding Mounting	95.93	
26 05 46 00-0046	EA	1-1/2" Diameter x 15" Long Pole Top Pins, Grounding Mounting	84.08	
26 05 46 00-0047	EA	Deadend Arms, Grounding Mounting	291.14	
26 05 46 00-0048		**Guying** *(26 05 46)* Note: Includes cable, anchor and rod assembly, guy marker.		
26 05 46 00-0049		**Down Guy** *(26 05 46 00-0048)*		
26 05 46 00-0050	EA	Down Guy For 25' To 40' Pole	965.52	378.69
26 05 46 00-0051	EA	Down Guy For 45' To 60' Pole	985.11	378.69
26 05 46 00-0052	EA	Down Guy For 65' To 75' Pole	1,025.40	378.69
26 05 46 00-0053	EA	Guy Guard, Plastic	43.21	
26 05 46 00-0054		**Head Guy, 50' Spans** *(26 05 46 00-0048)*		
26 05 46 00-0055	EA	Head Guy (50' Span), For 25' To 40' Pole	1,377.33	581.55
26 05 46 00-0056	EA	Head Guy (50' Span), For 45' To 60' Pole	1,377.33	581.55
26 05 46 00-0057	EA	Head Guy (50' Span), For 65' To 75' Pole	1,377.33	581.55
26 05 46 00-0058		**Guy Strain Insulators Additional Insulators** *(26 05 46 00-0048)* Note: As required at same material cost and labor.		
26 05 46 00-0059	EA	Guy Strain Insulator	575.86	284.02
26 05 46 00-0060		**Insulators** *(26 05 46)*		
26 05 46 00-0061		**Pin Insulator With Pin** *(26 05 46 00-0060)*		
26 05 46 00-0062	EA	5 KV Class 55-3, Pin Insulator With Pin	182.28	81.14
26 05 46 00-0063	EA	15 KV Class 55-5, Pin Insulator With Pin	187.97	81.14

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0064			**Suspension Insulator** *(26 05 46 00-0060)* Note: Includes clevis and strain clamp.		
	26 05 46 00-0065	EA	5 KV Class 52-2, Suspension Insulator, With Clevis And Strain Clamp	232.12	108.20
	26 05 46 00-0066	EA	15 KV Class 52-4, Suspension Insulator, With Clevis And Strain Clamp	247.58	108.20
	26 05 46 00-0067	EA	25 KV Class 2 x 52-4, Suspension Insulator, With Clevis And Strain Clamp	348.63	135.24
	26 05 46 00-0068	EA	50 KV Class 4 x 52-4, Suspension Insulator, With Clevis And Strain Clamp	554.06	216.39
26 05 46 00-0069			**Spool Insulator With Clevis** *(26 05 46 00-0060)*		
	26 05 46 00-0070	EA	5 KV Class 53-5, Spool Insulator With Clevis	77.28	33.81
	26 05 46 00-0071	EA	15 KV Class, Spool Insulator With Clevis	248.22	121.72
	26 05 46 00-0072	EA	25 KV Class, Spool Insulator With Clevis	321.80	121.72
26 05 46 00-0073			**Secondary Rack** *(26 05 46 00-0060)*		
	26 05 46 00-0074	EA	1 Spool Secondary Rack	153.45	67.63
	26 05 46 00-0075	EA	2 Spool Secondary Rack	158.45	86.28
	26 05 46 00-0076	EA	3 Spool Secondary Rack	237.21	114.96
	26 05 46 00-0077	EA	4 Spool Secondary Rack	266.41	114.96
26 05 46 00-0078			**Outdoor Load Break Switches** *(26 05 46)* Note: 3-Phase, group operated, 3-insulator, vertical break, high strength pin insulators worm gear operating mechanism operating rods, mechanisms, and switch bases are galvanized steel.		
26 05 46 00-0079			**7.2 KV Outdoor Load Break Switches** *(26 05 46 00-0078)*		
	26 05 46 00-0080	EA	600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	4,880.39	459.83
	26 05 46 00-0081	EA	1,200 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	9,588.39	459.83
	26 05 46 00-0082	EA	1,600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,283.64	777.65
	26 05 46 00-0083	EA	2,000 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,563.30	777.65
26 05 46 00-0084			**14.4 KV Outdoor Load Break Switches** *(26 05 46 00-0078)*		
	26 05 46 00-0085	EA	600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	5,970.29	459.83
	26 05 46 00-0086	EA	1,200 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	11,337.56	459.83
	26 05 46 00-0087	EA	1,600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,283.64	777.65
	26 05 46 00-0088	EA	2,000 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,563.30	777.65
26 05 46 00-0089			**23 KV Outdoor Load Break Switches** *(26 05 46 00-0078)*		
	26 05 46 00-0090	EA	600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	6,581.41	534.22
	26 05 46 00-0091	EA	1,200 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	12,404.29	534.22
	26 05 46 00-0092	EA	1,600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,917.44	919.67
	26 05 46 00-0093	EA	2,000 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	15,206.25	919.67
26 05 46 00-0094			**Square Distribution Poles** *(26 05 46)*		
26 05 46 00-0095			**Square Steel Tapered Shaft Distribution Poles** *(26 05 46 00-0094)*		
	26 05 46 00-0096	EA	20', Steel Taped Shaft Distribution Pole	3,908.89	574.79
	26 05 46 00-0097	EA	25', Steel Taped Shaft Distribution Pole	4,369.68	608.61
	26 05 46 00-0098	EA	30', Steel Taped Shaft Distribution Pole	4,736.00	676.22
	26 05 46 00-0099	EA	35', Steel Taped Shaft Distribution Pole	5,242.29	743.85
	26 05 46 00-0100	EA	40', Steel Taped Shaft Distribution Pole	7,173.04	811.47
26 05 46 00-0101			**Square Prestressed Concrete Distribution Poles** *(26 05 46 00-0094)*		
	26 05 46 00-0102	EA	30', Prestressed Concrete Square Pole For Distribution	4,873.26	1,014.69
	26 05 46 00-0103	EA	35', Prestressed Concrete Square Pole For Distribution	5,496.81	1,112.88
	26 05 46 00-0104	EA	40', Prestressed Concrete Square Pole For Distribution	6,443.78	1,243.81
	26 05 46 00-0105	EA	45', Prestressed Concrete Square Pole For Distribution	7,259.04	1,374.73
	26 05 46 00-0106	EA	50', Prestressed Concrete Square Pole For Distribution	5,722.57	1,669.33
	26 05 46 00-0107	EA	55', Prestressed Concrete Square Pole For Distribution	10,236.30	1,963.91
	26 05 46 00-0108	EA	60', Prestressed Concrete Square Pole For Distribution	12,069.46	2,225.76
	26 05 46 00-0109	EA	65', Prestressed Concrete Square Pole For Distribution	14,573.60	2,749.47
	26 05 46 00-0110	EA	70', Prestressed Concrete Square Pole For Distribution	16,319.47	3,011.32
26 05 46 00-0111			**Aluminum Tapered Poles** *(26 05 46)*		
26 05 46 00-0112			**Aluminum Tapered Round Seamless Shaft Poles** *(26 05 46 00-0111)*		
	26 05 46 00-0113	EA	20', Aluminum Tapered Round Seamless Shaft Pole For Distribution	3,361.14	507.16
	26 05 46 00-0114	EA	25', Aluminum Tapered Round Seamless Shaft Pole For Distribution	4,695.94	540.98
	26 05 46 00-0115	EA	30', Aluminum Tapered Round Seamless Shaft Pole For Distribution	5,400.74	608.61
	26 05 46 00-0116	EA	35', Aluminum Tapered Round Seamless Shaft Pole For Distribution	6,407.34	676.22
	26 05 46 00-0117	EA	40', Aluminum Tapered Round Seamless Shaft Pole For Distribution	9,703.74	743.85
26 05 46 00-0118			**Steel Service Poles Distribution** *(26 05 46)* Note: Direct embedded, bearing plate on base end, pole cap on top end, grounding nut, galvanized finish.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0119		**Round Tapered Pole** *(26 05 46 00-0118)*		
26 05 46 00-0120	EA	40', Galvanized Steel Tapered Round Pole For Distribution	4,699.28	811.47
26 05 46 00-0121	EA	45', Galvanized Steel Tapered Round Pole For Distribution	5,455.24	879.09
26 05 46 00-0122	EA	50', Galvanized Steel Tapered Round Pole For Distribution	5,813.17	946.71
26 05 46 00-0123	EA	55', Galvanized Steel Tapered Round Pole For Distribution	6,843.16	1,081.96
26 05 46 00-0124	EA	60', Galvanized Steel Tapered Round Pole For Distribution	8,453.00	1,217.20
26 05 46 00-0125	EA	65', Galvanized Steel Tapered Round Pole For Distribution	9,979.86	1,538.39
26 05 46 00-0126	EA	70', Galvanized Steel Tapered Round Pole For Distribution	11,111.87	1,745.26
26 05 46 00-0127	EA	75', Galvanized Steel Tapered Round Pole For Distribution	12,283.68	1,963.91
26 05 46 00-0128	EA	80', Galvanized Steel Tapered Round Pole For Distribution	13,786.55	2,225.76
26 05 46 00-0129	EA	85', Galvanized Steel Tapered Round Pole For Distribution	14,731.55	2,356.69
26 05 46 00-0130	EA	90', Galvanized Steel Tapered Round Pole For Distribution	15,990.24	2,618.54
26 05 46 00-0131	EA	95', Galvanized Steel Tapered Round Pole For Distribution	17,595.68	2,945.86
26 05 46 00-0132	EA	100', Galvanized Steel Tapered Round Pole For Distribution	19,428.41	3,338.64
26 05 46 00-0133		**12 Sided Tapered** *(26 05 46 00-0118)*		
26 05 46 00-0134	EA	40', Galvanized Steel Tapered 12 Sided Pole For Distribution	7,996.92	811.47
26 05 46 00-0135	EA	45', Galvanized Steel Tapered 12 Sided Pole For Distribution	8,824.32	879.09
26 05 46 00-0136	EA	50', Galvanized Steel Tapered 12 Sided Pole For Distribution	9,770.50	946.71
26 05 46 00-0137	EA	55', Galvanized Steel Tapered 12 Sided Pole For Distribution	10,738.02	1,081.96
26 05 46 00-0138	EA	60', Galvanized Steel Tapered 12 Sided Pole For Distribution	14,255.23	1,217.20
26 05 46 00-0139	EA	65', Galvanized Steel Tapered 12 Sided Pole For Distribution	15,817.77	1,538.39
26 05 46 00-0140	EA	70', Galvanized Steel Tapered 12 Sided Pole For Distribution	18,322.32	1,745.26
26 05 46 00-0141	EA	75', Galvanized Steel Tapered 12 Sided Pole For Distribution	19,721.40	1,963.91
26 05 46 00-0142	EA	80', Galvanized Steel Tapered 12 Sided Pole For Distribution	21,214.94	2,225.76
26 05 46 00-0143	EA	85', Galvanized Steel Tapered 12 Sided Pole For Distribution	22,476.82	2,356.69
26 05 46 00-0144	EA	90', Galvanized Steel Tapered 12 Sided Pole For Distribution	25,513.56	2,618.54
26 05 46 00-0145	EA	95', Galvanized Steel Tapered 12 Sided Pole For Distribution	27,092.32	2,945.86
26 05 46 00-0146	EA	100', Galvanized Steel Tapered 12 Sided Pole For Distribution	28,987.39	3,338.64
26 05 46 00-0147	EA	105', Galvanized Steel Tapered 12 Sided Pole For Distribution	31,013.18	3,731.42
26 05 46 00-0148		**Standard Options For Round, 12 Sided and Octagonal Tapered Poles** *(26 05 46 00-0118)*		
26 05 46 00-0149	EA	Ladder Clips	23.18	
26 05 46 00-0150	EA	Coal Tar Epoxy Coating From Base To 1' Above Ground Line	173.91	
26 05 46 00-0151	EA	Ground Sleeve-2' At Ground Line	174.92	
26 05 46 00-0152		**Arms With Baseplates And Endplates** *(26 05 46 00-0118)*		
26 05 46 00-0153	EA	4' Arm With Baseplate And Endplate	840.33	135.24
26 05 46 00-0154	EA	5' Arm With Baseplate And Endplate	917.60	135.24
26 05 46 00-0155	EA	6' Arm With Baseplate And Endplate	1,131.18	202.87
26 05 46 00-0156	EA	7' Arm With Baseplate And Endplate	1,198.76	202.87
26 05 46 00-0157	EA	8' Arm With Baseplate And Endplate	1,410.25	270.49
26 05 46 00-0158	EA	9' Arm With Baseplate And Endplate	1,487.48	270.49
26 05 46 00-0159	EA	10' Arm With Baseplate And Endplate	1,980.13	338.12
26 05 46 00-0160	EA	11' Arm With Baseplate And Endplate	2,066.82	338.12
26 05 46 00-0161		**Standard Vangs Load Bearing At Any Angle** *(26 05 46 00-0118)*		
26 05 46 00-0162	EA	15,000 LB Standard Vangs Load Bearing At Any Angle	334.21	135.24
26 05 46 00-0163	EA	30,000 LB Standard Vangs Load Bearing At Any Angle	381.55	135.24
26 05 46 00-0164	EA	45,000 LB Standard Vangs Load Bearing At Any Angle	446.28	135.24
26 05 46 00-0165		**Armless Construction Brackets** *(26 05 46 00-0118)*		
26 05 46 00-0166		**Verticals Insulator And Equipment Bracket** *(26 05 46 00-0165)*		
26 05 46 00-0167	EA	7" 1 Position Vertical Insulation And Equipment Bracket	341.93	135.24
26 05 46 00-0168	EA	12" 1 Position Vertical Insulation And Equipment Bracket	371.82	135.24
26 05 46 00-0169	EA	12" 3 Position Vertical Insulation And Equipment Bracket	420.38	135.24
26 05 46 00-0170	EA	18" 1 Position Vertical Insulation And Equipment Bracket	587.20	202.87
26 05 46 00-0171	EA	18" 3 Position Vertical Insulation And Equipment Bracket	615.55	202.87
26 05 46 00-0172		**Horizontal And Multiple Insulator Brackets** *(26 05 46 00-0165)*		
26 05 46 00-0173	EA	Sidepole 1 7/8" Clearance Horizontal And Multiple Insulation Brackets	318.66	135.24
26 05 46 00-0174	EA	Sidepole 2" Clearance Horizontal And Multiple Insulation Brackets	381.46	135.24
26 05 46 00-0175	EA	Sidepole 9" Clearance Horizontal And Multiple Insulation Brackets	556.78	202.87
26 05 46 00-0176	EA	Sidepole 10" Clearance Horizontal And Multiple Insulation Brackets	705.01	202.87
26 05 46 00-0177	EA	Sidepole 15" Clearance Horizontal And Multiple Insulation Brackets	902.21	270.49
26 05 46 00-0178	EA	Sidepole 20" Clearance Horizontal And Multiple Insulation Brackets	980.88	270.49
26 05 46 00-0179		**Pole Top Bracket And Pins** *(26 05 46 00-0165)*		
26 05 46 00-0180	EA	Pole Top Pin - 5"	327.77	135.24
26 05 46 00-0181	EA	Pole Top Bracket - 5"	343.02	135.24

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0182		**Angle Pins** *(26 05 46 00-0165)*		
26 05 46 00-0183	EA	Angle Pin - 25 Degree, 6"	325.71	135.24
26 05 46 00-0184	EA	Angle Pin - 25 Degree, 7 1/4"	375.24	135.24
26 05 46 00-0185		**Static And Neutral Wire Brackets** *(26 05 46 00-0165)*		
26 05 46 00-0186	EA	Neutral Wire Extension Bracket	340.13	135.24
26 05 46 00-0187	EA	Static Wire Support Bracket	345.12	135.24
26 05 46 00-0188		**Cutout, Arrestor And Terminator Brackets** *(26 05 46 00-0165)*		
26 05 46 00-0189	EA	Cutout And Arrestor, With Mounting Bracket	304.99	135.24
26 05 46 00-0190	EA	Equipment Mounting T Bracket	327.57	135.24
26 05 46 00-0191	EA	15 KV Cutout	430.91	
26 05 46 00-0192	EA	9/10 KV Arrestor	399.15	135.24
26 05 46 00-0193		**Spacer Cable, Conduit Support And Cluster Bracket** *(26 05 46 00-0165)*		
26 05 46 00-0194	EA	Parallel Cable Spacer	375.97	135.24
26 05 46 00-0195	EA	Conduit Standoff Support Bracket	360.03	135.24
26 05 46 00-0196	EA	Three Transformer Pole Mounted Cluster Bracket	912.66	135.24
26 05 46 00-0197		**15 KV, 200 Amperes, Solenoid Operated High Voltage Switch** *(26 05 46 00-0165)*		
		Note: Includes pole mounting bracket.		
26 05 46 00-0198	EA	15 KV, 1 Phase, Solenoid Switch With Pole Bracket	2,075.60	338.12
26 05 46 00-0199		**Octagonal Tapered** *(26 05 46 00-0118)*		
26 05 46 00-0200	EA	40', Galvanized Steel Tapered Octagonal Pole For Distribution	8,242.01	811.47
26 05 46 00-0201	EA	45', Galvanized Steel Tapered Octagonal Pole For Distribution	9,096.16	879.09
26 05 46 00-0202	EA	50', Galvanized Steel Tapered Octagonal Pole For Distribution	10,073.54	946.71
26 05 46 00-0203	EA	55', Galvanized Steel Tapered Octagonal Pole For Distribution	11,067.79	1,149.58
26 05 46 00-0204	EA	60', Galvanized Steel Tapered Octagonal Pole For Distribution	14,709.78	1,217.20
26 05 46 00-0205	EA	65', Galvanized Steel Tapered Octagonal Pole For Distribution	16,307.98	1,538.39
26 05 46 00-0206	EA	70', Galvanized Steel Tapered Octagonal Pole For Distribution	18,892.74	1,636.59
26 05 46 00-0207	EA	75', Galvanized Steel Tapered Octagonal Pole For Distribution	20,329.69	1,963.91
26 05 46 00-0208	EA	80', Galvanized Steel Tapered Octagonal Pole For Distribution	21,858.87	2,094.83
26 05 46 00-0209	EA	85', Galvanized Steel Tapered Octagonal Pole For Distribution	23,158.65	2,356.69
26 05 46 00-0210	EA	90', Galvanized Steel Tapered Octagonal Pole For Distribution	26,291.20	2,487.62
26 05 46 00-0211	EA	95', Galvanized Steel Tapered Octagonal Pole For Distribution	27,910.07	2,945.86
26 05 46 00-0212	EA	100', Galvanized Steel Tapered Octagonal Pole For Distribution	29,845.25	3,142.25
26 05 46 00-0213	EA	105', Galvanized Steel Tapered Octagonal Pole For Distribution	31,915.60	3,535.04
26 05 46 00-0214		**Removal And Relocation Of Steel Service Poles** *(26 05 46 00-0118)*		
26 05 46 00-0215	LF	Removal And Relocation Of Steel Service Poles With Arms Up To 60'	47.33	
26 05 46 00-0216		**Special Steel Bases For Poles** *(26 05 46 00-0118)*		
26 05 46 00-0217	EA	Spin-In Steel Base For Poles	292.14	
26 05 46 00-0218	EA	Series 3, 25' Pole And less	325.24	67.63
26 05 46 00-0219	EA	Series 4, 40' Pole And less	387.75	77.77
26 05 46 00-0220	EA	Series 5, 50' Pole And less	443.50	84.53

26 05 53 Identification for Electrical Systems *(26 05)*

26 05 53 00-0001		**Conduit Markers Pressure-Sensitive** *(26 05 53)*		
		Note: Stick-on, includes arrow tape.		
26 05 53 00-0002	EA	1/2" Outside Diameter Pressure Sensitive Marker Stick-on	12.74	
26 05 53 00-0003	EA	3/4" Outside Diameter Pressure Sensitive Marker Stick-on	13.35	
26 05 53 00-0004	EA	1" Outside Diameter Pressure Sensitive Marker Stick-on	14.57	
26 05 53 00-0005	EA	1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on	14.81	
26 05 53 00-0006	EA	1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	15.05	
26 05 53 00-0007	EA	2" Outside Diameter Pressure Sensitive Marker Stick-on	15.42	
26 05 53 00-0008	EA	2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	17.59	
26 05 53 00-0009	EA	3" Outside Diameter Pressure Sensitive Marker Stick-on	18.07	
26 05 53 00-0010	EA	3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	18.44	
26 05 53 00-0011	EA	4" Outside Diameter Pressure Sensitive Marker Stick-on	18.81	
26 05 53 00-0012	EA	4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	19.57	
26 05 53 00-0013	EA	5" Outside Diameter Pressure Sensitive Marker Stick-on	20.38	
26 05 53 00-0014	EA	6" Outside Diameter Pressure Sensitive Marker Stick-on	21.09	
26 05 53 00-0015	EA	7" Outside Diameter Pressure Sensitive Marker Stick-on	21.81	
26 05 53 00-0016	EA	8" Outside Diameter Pressure Sensitive Marker Stick-on	23.64	
26 05 53 00-0017	EA	10" Outside Diameter Pressure Sensitive Marker Stick-on	24.97	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 53 00-0018		**Labeling Existing Electrical Wires** *(26 05 53)* Note: Self-adhesive vinyl coated white cloth		
26 05 53 00-0019	EA	Labeling Existing Wire	3.73	
26 05 53 00-0020		**Equipment Labeling** *(26 05 53)*		
26 05 53 00-0021	EA	Label Both Ends Of One 4 Pair Cable	23.81	
26 05 53 00-0022	EA	Label single gang face plate (2 labels required)	19.04	
26 05 53 00-0023	EA	Label two gang face plate (4 labels required)	28.57	
26 05 53 00-0024	EA	Label both ends of a Siamese (dual 4 Pair cable)	23.81	

26 05 83 Wiring Connections *(26 05)*

26 05 83 00-0001		**Tape Wrapped Compression Connectors** *(26 05 83)*		
26 05 83 00-0002	EA	#6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	16.87	5.44
26 05 83 00-0003	EA	#4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	18.56	6.04
26 05 83 00-0004	EA	#2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	20.20	6.65
26 05 83 00-0005	EA	1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	23.51	7.26
26 05 83 00-0006	EA	2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	25.28	7.86
26 05 83 00-0007	EA	3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	28.11	8.47
26 05 83 00-0008	EA	4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	30.14	9.07
26 05 83 00-0009	EA	250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	32.88	9.67
26 05 83 00-0010	EA	300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	36.36	10.88
26 05 83 00-0011	EA	350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	38.10	11.50
26 05 83 00-0012	EA	400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	42.65	12.10
26 05 83 00-0013	EA	500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	46.58	12.70
26 05 83 00-0014	EA	750 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	52.16	13.91
26 05 83 00-0015	EA	1,000 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	60.66	15.72
26 05 83 00-0016		**One Hole Compression Lugs** *(26 05 83)*		
26 05 83 00-0017	EA	#22-18 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	21.19	15.72
26 05 83 00-0018	EA	#16-14 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	21.37	15.72
26 05 83 00-0019	EA	#12-10 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	24.21	16.94
26 05 83 00-0020	EA	#8 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	30.31	18.75
26 05 83 00-0021	EA	#6 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	42.38	24.19
26 05 83 00-0022	EA	#4 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	49.39	24.19
26 05 83 00-0023	EA	#2 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	56.84	24.19
26 05 83 00-0024	EA	1/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	69.79	36.29
26 05 83 00-0025	EA	2/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	81.60	36.29
26 05 83 00-0026	EA	3/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	95.41	36.29
26 05 83 00-0027	EA	4/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	114.94	48.38
26 05 83 00-0028	EA	250 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	136.27	72.57
26 05 83 00-0029	EA	300 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	155.92	72.57
26 05 83 00-0030	EA	350 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	167.50	72.57
26 05 83 00-0031	EA	400 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	182.64	84.67
26 05 83 00-0032	EA	500 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	199.78	84.67
26 05 83 00-0033	EA	750 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	216.99	96.76
26 05 83 00-0034	EA	1,000 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	256.24	108.86
26 05 83 00-0035		**Two Hole Compression Lugs** *(26 05 83)*		
26 05 83 00-0036	EA	#8 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	43.45	20.57
26 05 83 00-0037	EA	#6 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	46.76	21.89
26 05 83 00-0038	EA	#4 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	49.18	21.89
26 05 83 00-0039	EA	#2 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	56.60	25.16
26 05 83 00-0040	EA	1/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	69.53	31.45
26 05 83 00-0041	EA	2/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	81.34	37.37
26 05 83 00-0042	EA	3/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	95.11	43.79
26 05 83 00-0043	EA	4/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	114.60	53.10
26 05 83 00-0044	EA	250 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	135.88	63.02
26 05 83 00-0045	EA	300 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	155.47	71.97
26 05 83 00-0046	EA	350 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	167.03	77.53
26 05 83 00-0047	EA	400 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	182.08	83.95
26 05 83 00-0048	EA	500 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	199.15	91.68
26 05 83 00-0049	EA	750 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	217.93	99.42
26 05 83 00-0050	EA	1,000 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	270.73	120.96
26 05 83 00-0051		**Tape Wrapped Split Bolt Connectors** *(26 05 83)*		
26 05 83 00-0052	EA	#8 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	64.31	48.38
26 05 83 00-0053	EA	#6 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	70.72	52.01
26 05 83 00-0054	EA	#4 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	80.67	54.43
26 05 83 00-0055	EA	#2 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	93.94	60.47
26 05 83 00-0056	EA	1/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	111.21	66.53
26 05 83 00-0057	EA	2/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	125.67	72.57
26 05 83 00-0058	EA	3/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	157.42	78.62
26 05 83 00-0059	EA	4/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	168.95	84.67
26 05 83 00-0060	EA	250 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	178.19	90.71

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0061		EA	300 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	204.72	99.79
26 05 83 00-0062		EA	350 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	231.26	145.14
26 05 83 00-0063		EA	400 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	253.81	120.96
26 05 83 00-0064		EA	500 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	276.36	163.28
26 05 83 00-0065		EA	750 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	309.19	169.34
26 05 83 00-0066		EA	1,000 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	352.80	181.43
26 05 83 00-0067			**Cable Termination Lugs Handwrapped, No Stress Cone** *(26 05 83)*		
26 05 83 00-0068		EA	#8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	109.84	48.38
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.40*	
26 05 83 00-0069		EA	#4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	121.79	48.38
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.80*	
26 05 83 00-0070		EA	1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	168.29	72.57
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.32*	
26 05 83 00-0071		EA	4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	190.48	72.57
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.52*	
26 05 83 00-0072		EA	300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	228.46	90.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.98*	
26 05 83 00-0073		EA	500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	320.20	120.96
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.60*	
26 05 83 00-0074			**Terminal Blocks** *(26 05 83)*		
			Note: Labor excludes wire termination.		
26 05 83 00-0075		EA	Power Distribution Block, 250 MCM 3 Phase Terminal Block, No Labor Wire Termination, 600 Volt	1,101.72	447.53
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*268.78*	
26 05 83 00-0076		EA	#22 To #10 Wire Size, 12 Point, 600 Volt Terminal Block	307.74	60.57
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.70*	
26 05 83 00-0077		EA	#8 To #2 Wire Size, 12 Point, 600 Volt Terminal Block	342.19	60.57
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.09*	
26 05 83 00-0078			**Parallel Gutter Tap Or Motor Connection** *(26 05 83)*		
26 05 83 00-0079		EA	#8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	43.44	21.89
26 05 83 00-0080		EA	#6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	46.76	21.89
26 05 83 00-0081		EA	#4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	49.18	21.89
26 05 83 00-0082		EA	#2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	56.60	25.16
26 05 83 00-0083		EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	69.53	31.45
26 05 83 00-0084		EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	81.34	37.37
26 05 83 00-0085		EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	95.11	43.79
26 05 83 00-0086		EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	114.60	53.10
26 05 83 00-0087		EA	250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	135.88	63.02
26 05 83 00-0088		EA	300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	155.47	71.97
26 05 83 00-0089		EA	350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	167.03	77.53
26 05 83 00-0090		EA	400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	182.08	83.95
26 05 83 00-0091		EA	500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	199.15	91.68
26 05 83 00-0092		EA	750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	199.71	91.68
26 05 83 00-0093		EA	#8 AWG Parallel Gutter Tap, Versitap, Insulating Cover	43.44	21.89
26 05 83 00-0094		EA	#6 AWG Parallel Gutter Tap, Versitap, Insulating Cover	46.76	21.89
26 05 83 00-0095		EA	#4 AWG Parallel Gutter Tap, Versitap, Insulating Cover	49.18	21.89
26 05 83 00-0096		EA	#2 AWG Parallel Gutter Tap, Versitap, Insulating Cover	56.60	25.16
26 05 83 00-0097		EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	69.53	31.45
26 05 83 00-0098		EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	81.34	37.37
26 05 83 00-0099		EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	95.11	43.79
26 05 83 00-0100		EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	114.60	53.10
26 05 83 00-0101		EA	250 MCM Parallel Gutter Tap, Versitap, Insulating Cover	135.88	63.02
26 05 83 00-0102		EA	300 MCM Parallel Gutter Tap, Versitap, Insulating Cover	155.47	71.97
26 05 83 00-0103		EA	350 MCM Parallel Gutter Tap, Versitap, Insulating Cover	167.03	77.53
26 05 83 00-0104		EA	400 MCM Parallel Gutter Tap, Versitap, Insulating Cover	182.08	83.95
26 05 83 00-0105		EA	500 MCM Parallel Gutter Tap, Versitap, Insulating Cover	199.15	91.68
26 05 83 00-0106		EA	750 MCM Parallel Gutter Tap, Versitap, Insulating Cover	199.71	91.68
26 05 83 00-0107			**Copper Mechanical Lugs** *(26 05 83)*		
26 05 83 00-0108		EA	#8 Copper Mechanical Lugs	34.53	15.12
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 05 83 00-0109		EA	#6 Copper Mechanical Lugs	41.43	18.26
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.96*	
26 05 83 00-0110		EA	#4 Copper Mechanical Lugs	47.86	21.17
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.70*	
26 05 83 00-0111		EA	#2 Copper Mechanical Lugs	62.71	26.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.20*	
26 05 83 00-0112		EA	1/0 Copper Mechanical Lugs	84.46	36.29
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 05 83 00-0113		EA	2/0 Copper Mechanical Lugs	100.78	42.09
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.29*	
26 05 83 00-0114		EA	3/0 Copper Mechanical Lugs	117.92	48.38
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 05 83 00-0115		EA	4/0 Copper Mechanical Lugs	134.32	54.31
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0116	EA	250 MCM Copper Mechanical Lugs	153.95	60.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 05 83 00-0117	EA	300 MCM Copper Mechanical Lugs	173.30	66.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.93*	
26 05 83 00-0118	EA	350 MCM Copper Mechanical Lugs	192.57	72.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.54*	
26 05 83 00-0119	EA	400 MCM Copper Mechanical Lugs	211.71	78.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.14*	
26 05 83 00-0120	EA	500 MCM Copper Mechanical Lugs	231.15	84.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.80*	
26 05 83 00-0121	EA	750 MCM Copper Mechanical Lugs	261.93	96.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.87*	
26 05 83 00-0122	EA	1,000 MCM Copper Mechanical Lugs	296.57	108.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.31*	

26 05 83 00-0123 Gel Connectors *(26 05 83)*

26 05 83 00-0124	EA	3 Port, #14 to 2/0, Push On Gel Stub Splice Kit Note: Kit contains connector, gel filled cap and cap clamp.	65.00	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.64*	
26 05 83 00-0125	EA	4 Port, #14 to 2, Gel Tap Splice Kit	62.77	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.36*	

26 05 83 00-0126 Other Connections *(26 05 83)*

26 05 83 00-0127	EA	#14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	12.21	5.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.32*	
26 05 83 00-0128	EA	#12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	12.33	5.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.32*	
26 05 83 00-0129	EA	#10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	12.45	5.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.32*	

26 05 83 00-0130 Motor/Equipment Connections And Terminations *(26 05 83)*

Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors. See CSI section 23 05 13 00-0000 for motors, 23 05 13 00-0216 for motor mounting.

26 05 83 00-0131 AC Single Phase, 230 Volt *(26 05 83 00-0130)*

26 05 83 00-0132	EA	<1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	74.76	30.24
26 05 83 00-0133	EA	1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	74.28	30.24
26 05 83 00-0134	EA	3/4 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	86.95	36.29
26 05 83 00-0135	EA	1 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	106.15	45.36
26 05 83 00-0136	EA	1-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	107.11	45.36
26 05 83 00-0137	EA	2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	107.30	45.36
26 05 83 00-0138	EA	3 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	110.46	45.36
26 05 83 00-0139	EA	5 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	141.10	60.47
26 05 83 00-0140	EA	7-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	144.64	60.47
26 05 83 00-0141	EA	10 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	182.83	75.60

26 05 83 00-0142 AC Three Phase, 230 Volt *(26 05 83 00-0130)*

26 05 83 00-0143	EA	1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	74.28	30.24
26 05 83 00-0144	EA	3/4 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	86.95	36.29
26 05 83 00-0145	EA	1 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	106.15	45.36
26 05 83 00-0146	EA	1-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	107.11	45.36
26 05 83 00-0147	EA	2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	107.30	45.36
26 05 83 00-0148	EA	3 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	110.46	45.36
26 05 83 00-0149	EA	5 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	141.10	60.47
26 05 83 00-0150	EA	7-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	144.64	60.47
26 05 83 00-0151	EA	10 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	182.83	75.60
26 05 83 00-0152	EA	15 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	187.62	75.60
26 05 83 00-0153	EA	20 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	236.74	90.71
26 05 83 00-0154	EA	25 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	244.05	90.71
26 05 83 00-0155	EA	30 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	333.00	120.96
26 05 83 00-0156	EA	40 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	417.44	151.19
26 05 83 00-0157	EA	50 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	491.92	181.43
26 05 83 00-0158	EA	60 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	585.56	211.67
26 05 83 00-0159	EA	75 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	673.08	241.91
26 05 83 00-0160	EA	100 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	835.36	302.38
26 05 83 00-0161	EA	125 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	986.54	359.84
26 05 83 00-0162	EA	150 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,168.46	419.71
26 05 83 00-0163	EA	200 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,664.93	629.44

26 05 83 00-0164 AC Three Phase, 460 Volt *(26 05 83 00-0130)*

26 05 83 00-0165	EA	1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	74.28	30.24
26 05 83 00-0166	EA	3/4 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	86.95	36.29
26 05 83 00-0167	EA	1 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	106.15	45.36
26 05 83 00-0168	EA	1-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	107.11	45.36
26 05 83 00-0169	EA	2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	107.30	45.36

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0170	EA	3 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	110.46	45.36
26 05 83 00-0171	EA	5 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	141.10	60.47
26 05 83 00-0172	EA	7-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	144.64	60.47
26 05 83 00-0173	EA	10 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	182.83	75.60
26 05 83 00-0174	EA	15 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	187.62	75.60
26 05 83 00-0175	EA	20 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	236.76	90.71
26 05 83 00-0176	EA	25 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	244.03	90.71
26 05 83 00-0177	EA	30 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	333.00	120.96
26 05 83 00-0178	EA	40 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	417.81	151.44
26 05 83 00-0179	EA	50 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	491.92	181.43
26 05 83 00-0180	EA	60 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	585.56	211.67
26 05 83 00-0181	EA	75 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	673.08	241.91
26 05 83 00-0182	EA	100 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	835.36	302.38
26 05 83 00-0183	EA	125 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	986.88	359.96
26 05 83 00-0184	EA	150 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,168.92	419.95
26 05 83 00-0185	EA	200 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,665.98	629.93
26 05 83 00-0186		AC Single Phase, 120 Volt *(26 05 83 00-0130)*		
26 05 83 00-0187	EA	1/2 HP AC And Less Single Phase, 120 Volt Motor/Equipment, Connection, Termination And Rotation Testing	74.76	30.24
26 05 83 00-0188		Motor Moisture Sensor *(26 05 83 00-0130)*		
26 05 83 00-0189	EA	Motor Moisture Sensor Located In Winding	711.64	

26 09 Instrumentation and Control for Electrical Systems *(26)*

Note: Includes testing of new devices and certification.

26 09 13 Electrical Power Monitoring *(26 09)*

26 09 13 00-0001		Vending Machine Energy Usage Controls *(26 09 13)*		
26 09 13 00-0002	EA	Wallmount VendingMiser® With PIR Occupany Sensor (Energy Miser VM150)	411.88	12.12
26 09 13 00-0003	EA	Wallmount VendingMiser® With 14' Data Cable (Energy Miser VM151)	365.44	6.05
26 09 13 00-0004	EA	Weatherproof Wallmount VendingMiser® With PIR Occupany Sensor (Energy Miser VM151)	432.07	12.12
26 09 13 00-0005	EA	Weatherproof Wallmount VendingMiser® With 14' Data Cable (Energy Miser VM161)	385.63	6.05
26 09 13 00-0006	EA	Velcro Mounted Easy-Install VendingMiser® With PIR Occupany Sensor (Energy Miser VM170)	399.77	9.69
26 09 13 00-0007	EA	Velcro Mounted Easy-Install VendingMiser® With 14' Data Cable (Energy Miser VM171)	359.38	4.85
26 09 13 00-0008	EA	Weatherproof Velcro Mounted Easy-Install VendingMiser® With PIR Occupany Sensor (Energy Miser VM180)	419.96	9.69
26 09 13 00-0009	EA	Weatherproof Velcro Mounted Easy-Install VendingMiser® With 14' Data Cable (Energy Miser VM181)	379.57	4.85
26 09 13 00-0010	EA	Wallmount CoolerMiser With PIR Occupany Sensor (Energy Miser CM150)	373.51	12.12
26 09 13 00-0011	EA	Wallmount CoolerMiser With 14' Data Cable (Energy Miser CM151)	327.08	6.05
26 09 13 00-0012	EA	Velcro Mounted Easy-Install CoolerMiser With PIR Occupany Sensor (Energy Miser CM170)	361.40	9.69
26 09 13 00-0013	EA	Velcro Mounted Easy-Install CoolerMiser With 14' Data Cable (Energy Miser CM171)	321.02	4.85
26 09 13 00-0014	EA	Wallmount SnackMiser With PIR Occupany Sensor (Energy Miser SM150)	373.51	12.12
26 09 13 00-0015	EA	Wallmount SnackMiser With 14' Data Cable (Energy Miser SM151)	327.08	6.05
26 09 13 00-0016	EA	Velcro Mounted Easy-Install SnackMiser With PIR Occupany Sensor (Energy Miser SM170)	361.40	9.69
26 09 13 00-0017	EA	Velcro Mounted Easy-Install SnackMiser With 14' Data Cable (Energy Miser SM171)	321.02	4.85
26 09 13 00-0018	EA	1200 Watt, Multi Plug Load, Wallmount PlugMiser With PIR Occupany Sensor (Energy Miser PM150)	373.51	12.12
26 09 13 00-0019	EA	1200 Watt, Multi Plug Load, Wallmount PlugMiser With 14' Data Cable (Energy Miser PM151)	327.08	6.05
26 09 13 00-0020	EA	1200 Watt, Multi Plug Load, Table Leg Mount PlugMiser With PIR Occupany Sensor (Energy Miser PM190)	373.51	12.12
26 09 13 00-0021	EA	Wattsup Line Logger (Energy Miser 60500)	282.66	18.17
26 09 13 00-0022	EA	Wattsup Pro Line Logger (Energy Miser 60501)	353.33	18.17
26 09 13 00-0023	EA	Test Drive Kit And Wallmount VendingMiser® With PIR Occupany Sensor (Energy Miser TD150)	674.37	24.23
26 09 13 00-0024	EA	Test Drive Kit And Velcro Mounted Easy-Install VendingMiser® With PIR Occupany Sensor (Energy Miser TD170)	662.25	21.80
26 09 13 00-0025		Work Station Energy Usage Controls *(26 09 13)*		
26 09 13 00-0026	EA	Power Strip With Personal Sensor (Wattstopper IDP-3050-A)	177.57	12.12

26 09 23 Lighting Control Devices *(26 09)*

26 09 23 00-0001		Lighting Contactors *(26 09 23)*		
		Note: Up to 600 volt.		
26 09 23 00-0002		Electrically Held, Lighting Contactors *(26 09 23 00-0001)*		
26 09 23 00-0003		NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*		
26 09 23 00-0004		2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*		
26 09 23 00-0005	EA	20 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	491.98	96.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.06*	
26 09 23 00-0006	EA	30 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	608.01	108.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.31*	
26 09 23 00-0007	EA	60 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,138.14	169.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.60*	
26 09 23 00-0008	EA	100 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,772.39	229.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*137.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0009	EA	200 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	3,691.95	302.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*181.43*	
26 09 23 00-0010		**3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0003)*		
26 09 23 00-0011	EA	20 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	555.59	108.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.31*	
26 09 23 00-0012	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	666.65	120.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.57*	
26 09 23 00-0013	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,232.44	193.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.12*	
26 09 23 00-0014	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,914.25	254.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*152.40*	
26 09 23 00-0015	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	3,963.15	332.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*199.57*	
26 09 23 00-0016		**4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0003)*		
26 09 23 00-0017	EA	20 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	654.18	120.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.57*	
26 09 23 00-0018	EA	30 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	785.14	133.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.83*	
26 09 23 00-0019	EA	60 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,490.73	217.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.63*	
26 09 23 00-0020	EA	100 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,289.79	278.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*166.91*	
26 09 23 00-0021	EA	200 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	5,059.25	362.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*217.72*	
26 09 23 00-0022		**NEMA 4 Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0002)*		
26 09 23 00-0023		**2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0022)*		
26 09 23 00-0024	EA	20 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	809.25	96.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.06*	
26 09 23 00-0025	EA	30 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,028.66	108.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.31*	
26 09 23 00-0026	EA	60 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,976.96	169.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.60*	
26 09 23 00-0027	EA	100 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,963.80	229.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*137.89*	
26 09 23 00-0028	EA	200 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	5,725.46	302.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*181.43*	
26 09 23 00-0029		**3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0022)*		
26 09 23 00-0030	EA	20 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	839.70	108.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.31*	
26 09 23 00-0031	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,087.30	120.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.57*	
26 09 23 00-0032	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,073.72	193.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.12*	
26 09 23 00-0033	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,104.85	254.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*152.40*	
26 09 23 00-0034	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	5,995.85	332.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*199.57*	
26 09 23 00-0035		**4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0022)*		
26 09 23 00-0036	EA	20 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	907.82	120.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.57*	
26 09 23 00-0037	EA	30 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,205.78	133.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.83*	
26 09 23 00-0038	EA	60 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,659.18	217.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.63*	
26 09 23 00-0039	EA	100 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,807.55	278.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*166.91*	
26 09 23 00-0040	EA	200 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	7,993.91	362.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*217.72*	
26 09 23 00-0041		**Mechanically Held, Lighting Contactors** *(26 09 23 00-0001)*		
26 09 23 00-0042		**NEMA 1 Enclosure, Mechanically Held, Lighting Contactors** *(26 09 23 00-0041)*		
26 09 23 00-0043		**2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors** *(26 09 23 00-0042)*		
26 09 23 00-0044	EA	20 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	723.21	96.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.06*	
26 09 23 00-0045	EA	30 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	822.85	108.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.31*	
26 09 23 00-0046	EA	60 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,556.32	169.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0047	EA	100 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,168.43	229.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*137.89*	
26 09 23 00-0048	EA	200 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	4,977.65	302.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*181.43*	
26 09 23 00-0049		3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0042)*		
26 09 23 00-0050	EA	20 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	773.38	108.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.31*	
26 09 23 00-0051	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	883.12	120.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.57*	
26 09 23 00-0052	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,653.08	193.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.12*	
26 09 23 00-0053	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,311.12	254.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*152.40*	
26 09 23 00-0054	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	5,597.34	332.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*199.57*	
26 09 23 00-0055		4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0042)*		
26 09 23 00-0056	EA	20 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	835.22	120.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.57*	
26 09 23 00-0057	EA	30 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	941.75	133.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.83*	
26 09 23 00-0058	EA	60 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,933.51	217.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.63*	
26 09 23 00-0059	EA	100 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,710.43	278.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*166.91*	
26 09 23 00-0060	EA	200 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	6,754.94	362.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*217.72*	
26 09 23 00-0061		NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0041)*		
26 09 23 00-0062		2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0061)*		
26 09 23 00-0063	EA	20 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,080.81	96.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.06*	
26 09 23 00-0064	EA	30 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,243.49	108.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.31*	
26 09 23 00-0065	EA	60 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	2,397.61	169.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.60*	
26 09 23 00-0066	EA	100 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	3,359.84	229.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*137.89*	
26 09 23 00-0067	EA	200 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	7,009.53	302.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*181.43*	
26 09 23 00-0068		3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0061)*		
26 09 23 00-0069	EA	20 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,142.63	108.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.31*	
26 09 23 00-0070	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,303.77	120.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.57*	
26 09 23 00-0071	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	2,494.37	193.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.12*	
26 09 23 00-0072	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	3,503.35	254.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*152.40*	
26 09 23 00-0073	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	7,630.86	332.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*199.57*	
26 09 23 00-0074		4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0061)*		
26 09 23 00-0075	EA	20 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,208.96	120.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.57*	
26 09 23 00-0076	EA	30 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,362.40	133.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.83*	
26 09 23 00-0077	EA	60 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	3,101.96	217.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.63*	
26 09 23 00-0078	EA	100 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	4,228.19	278.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*166.91*	
26 09 23 00-0079	EA	200 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	9,629.74	362.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*217.72*	
26 09 23 00-0080		Combination Lighting Contactors *(26 09 23)*		
		Note: Up to 600 volt.		
26 09 23 00-0081		Electrically Held, Combination Lighting Contactors *(26 09 23 00-0080)*		
26 09 23 00-0082		NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0081)*		

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0083		3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0082)*		
26 09 23 00-0084	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,391.50	133.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.83*	
26 09 23 00-0085	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,182.12	212.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.73*	
26 09 23 00-0086	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,518.07	279.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*167.64*	
26 09 23 00-0087	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	6,410.45	365.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*219.53*	
26 09 23 00-0088		NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0081)*		
26 09 23 00-0089		3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0088)*		
26 09 23 00-0090	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,511.99	133.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.83*	
26 09 23 00-0091	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,908.97	212.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.73*	
26 09 23 00-0092	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	6,531.45	279.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*167.64*	
26 09 23 00-0093	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	10,265.12	365.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*219.53*	
26 09 23 00-0094		Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0080)*		
26 09 23 00-0095		NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0094)*		
26 09 23 00-0096		3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0095)*		
26 09 23 00-0097	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,519.42	133.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.83*	
26 09 23 00-0098	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,624.90	212.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.73*	
26 09 23 00-0099	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,937.48	279.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*167.64*	
26 09 23 00-0100	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	7,602.27	365.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*219.53*	
26 09 23 00-0101		NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0094)*		
26 09 23 00-0102		3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0101)*		
26 09 23 00-0103	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,641.13	133.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.83*	
26 09 23 00-0104	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,354.21	212.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.73*	
26 09 23 00-0105	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	6,952.09	279.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*167.64*	
26 09 23 00-0106	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	11,456.94	365.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*219.53*	
26 09 23 00-0107		Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket *(26 09 23)*		
26 09 23 00-0108	EA	105 To 130 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket	138.32	31.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.90*	
26 09 23 00-0109	EA	105 To 285 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket	150.81	31.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.90*	
26 09 23 00-0110		Dimming Module System (Lutron Grafik Eye) *(26 09 23)*		

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		MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0111	EA			2,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-2)	1,681.41	120.96
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.57*	
26 09 23 00-0112	EA			4,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-4)	2,170.31	120.96
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.57*	
26 09 23 00-0113	EA			6,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-6)	2,667.92	120.96
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.57*	
26 09 23 00-0114				Dimming Module Contol (Leviton) *(26 09 23)*		
26 09 23 00-0115	EA			5 Amperes, Wireless Dimming Module (Leviton WSD05-9D0)	217.70	15.15
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.09*	
26 09 23 00-0116				Light Control Panels *(26 09 23)*		
26 09 23 00-0117				Lighting Control Panels (Watt Stopper) *(26 09 23 00-0116)*		
26 09 23 00-0118				Lighting Control Panels (Watt Stopper) *(26 09 23 00-0117)*		
26 09 23 00-0119	EA			4 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-4)	1,782.70	169.61
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.77*	
26 09 23 00-0120	EA			8 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-8)	1,675.63	181.73
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.04*	
26 09 23 00-0121	EA			8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8S-8-G)	1,880.76	181.73
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.04*	
26 09 23 00-0122	EA			8 Relays, Surface Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24S-8)	2,798.74	181.73
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.04*	
26 09 23 00-0123	EA			8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24S-8-G)	3,039.57	181.73
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.04*	
26 09 23 00-0124	EA			4 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-4)	1,979.98	169.61
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.77*	
26 09 23 00-0125	EA			8 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-8)	2,124.52	181.73
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.04*	
26 09 23 00-0126	EA			8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8F-8-G)	2,365.11	181.73
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.04*	
26 09 23 00-0127	EA			8 Relays, Flush Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24F-8)	2,894.98	181.73
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.04*	
26 09 23 00-0128	EA			8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24F-8-G)	3,135.80	181.73
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.04*	
26 09 23 00-0129				Accessories For Lighting Control Panels (Watt Stopper) *(26 09 23 00-0117)*		
26 09 23 00-0130	EA			Low Voltage Photocell For Watt Stopper Lighting Control Panels (Watt Stopper EM-24A2)	174.93	30.29
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.17*	
26 09 23 00-0131	EA			Automatic Control Switch For Watt Stopper Lighting Control Panels (Watt Stopper AS-100-W)	134.78	24.23
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0132	EA			Low Voltage Momentary Switch For Watt Stopper Lighting Control Panels (Watt Stopper DCC2)	72.90	24.23
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0133				Lighting Control Panels (Synergy) *(26 09 23 00-0116)*		
26 09 23 00-0134				Lighting Control Panels (Synergy) *(26 09 23 00-0133)*		
26 09 23 00-0135	EA			8 Relays, Surface Mount, Lighting Control Panel (Synergy SwitchPak SPAK 8S)	2,667.68	181.73
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.04*	
26 09 23 00-0136				Accessories For Lighting Control Panels (Synergy) *(26 09 23 00-0133)*		
26 09 23 00-0137	EA			Outdoor Photocell For Synergy SwitchPak Lighting Control Panels (Synergy LSA-APS-OL)	653.43	30.29
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.17*	
26 09 23 00-0138	EA			Sweepswitch, Line Voltage Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy SSPL-20)	253.11	12.12
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0139	EA			Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy LVPS-2BT)	144.06	18.17
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.91*	
26 09 23 00-0140				Lighting Switching Panels (Lutron) *(26 09 23 00-0116)*		
26 09 23 00-0141				Lighting Switching Panels (Lutron) *(26 09 23 00-0140)*		
26 09 23 00-0142	EA			8 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS8-FT)	2,172.87	181.73
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.04*	
26 09 23 00-0143	EA			12 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS12-FT)	2,975.79	193.85
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.30*	
26 09 23 00-0144	EA			16 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS16-FT)	3,893.86	205.95
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.57*	
26 09 23 00-0145				Wireless (ZigBee) LED Lighting Control Panels (PlanLED GigaTera) *(26 09 23 00-0116)*		
26 09 23 00-0146	EA			6 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC6Z)	1,456.10	169.61
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0147	EA	12 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC12Z)	1,659.18	169.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.77*	
26 09 23 00-0148	EA	18 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC18Z)	1,862.24	169.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.77*	
26 09 23 00-0149		**Power Filters** *(26 09 23 00-0116)*		
26 09 23 00-0150	EA	600 Amperes, 480/277 Volt, 4 Conductor Power Filter With 80" X 60" X 17" Enclosure	39,390.12	1,007.90
26 09 23 00-0151	EA	200 Amperes, 480/277 Volt, 4 Conductor Power Filter With 25" X 40" X 17" Enclosure	23,301.01	438.21
26 09 23 00-0152		**Signal Filters** *(26 09 23 00-0116)*		
26 09 23 00-0153	EA	0.5 Amperes, 125 Volt, 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case	18,028.12	916.34
26 09 23 00-0154	EA	0.5 Amperes, 125 Volt, 200 Conductor Signal Filter With 29" X 40" X 11" Case	12,332.21	560.01
26 09 23 00-0155	EA	0.5 Amperes, 125 Volt, 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case	6,879.33	325.12
26 09 23 00-0156	EA	5 Amperes, 24 Volt DC, 5 Volt, 2 - 1 Pair Conductor Signal Filter With Case	9,370.94	325.12
26 09 23 00-0157		**Lighting Control Devices (Encelium)** *(26 09 23)*		
26 09 23 00-0158	EA	8 Port, G4, Wired Energy Control Unit, GreenBus II™ (120V) With Polaris 3D™ (Encelium EN-ECU-G4-P3D) Note: Excludes GB II cable.	15,383.64	121.16
26 09 23 00-0159	EA	Server, System Support Unit (SSU) (Encelium EN-SSU-1U) Note: Excludes GB II and Ethernet cable.	7,034.80	121.16
26 09 23 00-0160	EA	Server, System Support Unit (SSU), VIRTUAL (Encelium EN-SW-SSUVIRT) Note: Excludes GB II and Ethernet cable.	3,663.10	121.16
26 09 23 00-0161	EA	Server, System Support Unit (SSU) With BACnet (Encelium EN-SSU-BIF-KIT) Note: Excludes GB II and Ethernet cable.	15,474.10	121.16
26 09 23 00-0162	EA	Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK) Note: Excludes GB II cable.	122.14	15.15
26 09 23 00-0163	EA	Damp Rated, Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK/DR) Note: Excludes GB II cable.	188.94	15.15
26 09 23 00-0164	EA	Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK) Note: Excludes GB II cable.	238.09	30.29
26 09 23 00-0165	EA	Damp Rated, Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK-DR) Note: Excludes GB II cable.	287.20	30.29
26 09 23 00-0166	EA	Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK) Note: Excludes GB II cable.	152.42	30.29
26 09 23 00-0167	EA	Damp Rated, Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK/DR) Note: Excludes GB II cable.	219.22	30.29
26 09 23 00-0168	EA	16 Port, Rack Mounted, Wired Ethernet Switch (Encelium ETH-700) Note: Excludes cable.	551.75	60.57
26 09 23 00-0169	EA	Rack Mounted, Wired Power Bar (Encelium PWR-700)	414.51	60.57
26 09 23 00-0170	EA	Rack Mounted, Wired Power Bar With Surge Protection (Encelium PWR-800)	759.50	60.57
26 09 23 00-0171	EA	Wall Mounted, 4U Mounting Rack (Encelium RCK-700)	259.42	60.57
26 09 23 00-0172	EA	4 Port, 10/100 VPN, Dual WAN, Wired Router (Encelium RV042) Note: Excludes cable.	851.40	60.57
26 09 23 00-0173	EA	Wired BACnet Interface (Encelium BIF-600) Note: Excludes cable.	8,923.90	242.30
26 09 23 00-0174	EA	Wired AV Interface (Encelium EN-SW-AVINT) Note: Excludes cable.	6,605.19	60.57
26 09 23 00-0175	EA	Two Button, GB2, Wired Wall Station (Encelium EN-WS-2B-GB2-WH) Note: Includes white finish. Excludes GB II cable.	247.48	15.15
26 09 23 00-0176	EA	3 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC3-GB2-WH) Note: Includes white finish. Excludes GB II cable.	301.75	15.15
26 09 23 00-0177	EA	3 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WH) Note: Includes white finish. Excludes GB II cable.	288.65	15.15
26 09 23 00-0178	EA	5 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC5-GB2-WH) Note: Includes white finish. Excludes GB II cable.	301.75	15.15
26 09 23 00-0179	EA	6 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC6-GB2-WH) Note: Includes white finish. Excludes GB II cable.	288.65	15.15
26 09 23 00-0180	EA	Rocker Switch, GB2, Wired Wall Station (Encelium EN-WS-R-GB2-WT) Note: Includes white finish. Excludes GB II cable.	218.14	15.15
26 09 23 00-0181	EA	Scene Controller, GB2, Wired Wall Station (Encelium EN-WS-SC3D-GB2-WT) Note: Includes white finish. Excludes GB II cable.	301.75	15.15
26 09 23 00-0182	EA	3 Zone Controller, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WT) Note: Includes white finish. Excludes GB II cable.	288.65	15.15
26 09 23 00-0183	EA	Wired Key Switch Controller (Encelium KSW-300) Note: Excludes GB II cable.	212.86	15.15
26 09 23 00-0184	EA	Wall Station Surface Mount Kit (Encelium EN-SMK-ZB-WH) Note: Includes white finish.	90.73	15.15
26 09 23 00-0185	EA	1/2' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-0.5FT-GB2)	74.30	30.29
26 09 23 00-0186	EA	1' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-01FT-GB2)	74.88	30.29
26 09 23 00-0187	EA	5' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-05FT-GB2)	79.50	30.29
26 09 23 00-0188	EA	10' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-10FT-GB2)	84.07	30.29
26 09 23 00-0189	EA	15' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-15FT-GB2)	89.52	30.29
26 09 23 00-0190	EA	20' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-20FT-GB2)	94.43	30.29
26 09 23 00-0191	EA	25' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-25FT-GB2)	100.47	30.29
26 09 23 00-0192	EA	50' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-50FT-GB2)	127.76	30.29
26 09 23 00-0193	EA	1,000' Box, GreenBus II™ Cable (Encelium EN-BC-1000FT-GB2)	817.54	30.29
26 09 23 00-0194	EA	Box Of 50, Greenbus II™ Connectors (Encelium EN-CON-50-GB2)	199.06	30.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0195	EA	1,000' Box, Category 5, Network Cable (Encelium NWC-400-B)	1,055.21	30.29
26 09 23 00-0196	EA	Indoor Wired Photo Sensor (Encelium PHS-700) Note: Excludes GB II cable.	618.49	60.57
26 09 23 00-0197	EA	Outdoor Wired Photo Sensor (Encelium PHS-800) Note: Excludes GB II cable.	618.49	60.57
26 09 23 00-0198	EA	Skylight Wired Photo Sensor (Encelium PHS-900) Note: Excludes GB II cable.	618.49	60.57
26 09 23 00-0199	EA	450 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-0450) Note: Excludes GB II cable.	322.76	60.57
26 09 23 00-0200	EA	1,500 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-1500) Note: Excludes GB II cable.	312.84	60.57
26 09 23 00-0201	EA	2,500 SF, Wide View, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-WV00) Note: Excludes GB II cable.	319.45	60.57
26 09 23 00-0202	EA	High-Bay, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-HBAY) Note: Excludes GB II cable.	352.51	60.57
26 09 23 00-0203	EA	Long-Range, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-LRNG) Note: Excludes GB II cable.	319.45	60.57
26 09 23 00-0204	EA	120-277 Volt AC, No Neutral, Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSP-LNV) Note: Excludes GB II cable.	253.37	60.57
26 09 23 00-0205	EA	High Bay, Passive Infrared, Fixture Mounted, Wired Occupancy Sensor (Encelium WSPEM24V) Note: Excludes GB II cable.	268.47	60.57
26 09 23 00-0206	EA	High Bay, Passive Infrared, Surface Mounted, Wired Occupancy Sensor (Encelium WSPSM24V) Note: Excludes GB II cable.	268.47	60.57
26 09 23 00-0207	EA	360 Degree Lens, Wired Occupancy Sensor (Encelium WSPLENS360) Note: Excludes GB II cable.	142.57	60.57
26 09 23 00-0208	EA	Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium PW-100-24) Note: Excludes GB II cable.	327.63	60.57
26 09 23 00-0209	EA	Hallway, Wired Occupancy Sensor (Encelium HW-13) Note: Excludes GB II cable.	462.36	60.57
26 09 23 00-0210	EA	500 SF, 180 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-0500) Note: Excludes GB II cable.	405.38	60.57
26 09 23 00-0211	EA	1,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-1000) Note: Excludes GB II cable.	431.82	60.57
26 09 23 00-0212	EA	2,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-2000) Note: Excludes GB II cable.	445.05	60.57
26 09 23 00-0213	EA	1,200 SF, (Multi) Passive Infrared And Ultrasonic, Wall Mounted, Wired Occupancy Sensor (Encelium SWM-1200) Note: Excludes GB II cable.	402.07	60.57
26 09 23 00-0214	EA	120-277 Volt AC, No Neutral, Passive Infrared And Ultrasonic, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSM-LNV) Note: Excludes GB II cable.	335.99	60.57
26 09 23 00-0215	EA	500 SF, 180 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC05-M0W) Note: Excludes GB II cable.	419.60	60.57
26 09 23 00-0216	EA	1,200 SF, 360 Degree, Dual Technology, Wall Mounted, Wired Occupancy Sensor (Encelium OSW12-M0W) Note: Excludes GB II cable.	416.13	60.57
26 09 23 00-0217	EA	2,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC20-M0W) Note: Excludes GB II cable.	461.23	60.57
26 09 23 00-0218	EA	1,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC10-M0W) Note: Excludes GB II cable.	447.37	60.57
26 09 23 00-0219	EA	Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium DW-100-24) Note: Excludes GB II cable.	481.25	60.57
26 09 23 00-0220	EA	Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium WSD-PDT-LV) Note: Excludes GB II cable.	447.50	60.57
26 09 23 00-0221	EA	Wide View, Dual Technology, Wired Occupancy Sensor (Encelium WV-PDT) Note: Excludes GB II cable.	447.50	60.57
26 09 23 00-0222	EA	10A, 120V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRU1C)	295.20	60.57
26 09 23 00-0223	EA	10A, 277V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRH1C)	315.97	60.57
26 09 23 00-0224	EA	20A, 120V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR01P)	551.28	60.57
26 09 23 00-0225	EA	20A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR02P)	589.42	60.57
26 09 23 00-0226	EA	10A, 120V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2401D)	435.55	60.57
26 09 23 00-0227	EA	10A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2402D)	453.98	60.57
26 09 23 00-0228	EA	24 Circuit, Relay Module (Encelium EN-RPM-24C-GB2) Note: Excludes GB II cable and enclosure.	1,299.89	121.16
26 09 23 00-0229	EA	24 Circuit, 120/277V, Relay Panel With Relay Module (Encelium EN-RP-24C-GB2-120/277V) Note: Excludes GB II cable.	4,066.43	484.60
26 09 23 00-0230	EA	12 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA12R120-347V) Note: Excludes GB II cable.	5,924.78	484.60
26 09 23 00-0231	EA	24 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA24R120-347V) Note: Excludes GB II cable.	7,783.10	484.60
26 09 23 00-0232	EA	Wired Phase Cut Dimming Module (Encelium EN-PCDM-GB2) Note: Excludes GB II cable.	649.95	60.57
26 09 23 00-0233	EA	Wired DALI Bridge (Encelium EN-DB-1L-GB2) Note: Excludes GB II cable.	744.39	60.57
26 09 23 00-0234	EA	Wireless Manager (Encelium EN-WM-ZB-P3D) Note: Includes white finish.	2,009.71	60.57
26 09 23 00-0235	EA	Wireless Control Module (Encelium EN-WCM-ZB)	274.61	30.29
26 09 23 00-0236	EA	Damp Rated, Wireless Control Module (Encelium EN-WCM-ZB-DR)	324.97	30.29
26 09 23 00-0237	EA	Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK)	326.22	30.29
26 09 23 00-0238	EA	Damp Rated, Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK-DR)	338.10	30.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0239	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	244.33	15.15
26 09 23 00-0240	EA	3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	244.33	15.15
26 09 23 00-0241	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	244.33	15.15
26 09 23 00-0242	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	244.33	15.15
26 09 23 00-0243	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	244.33	15.15
26 09 23 00-0244	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	252.51	15.15
26 09 23 00-0245	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	536.64	60.57
26 09 23 00-0246	EA	450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB)	335.20	60.57
26 09 23 00-0247	EA	1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB)	335.20	60.57
26 09 23 00-0248	EA	1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR)	385.56	60.57
26 09 23 00-0249	EA	450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR)	385.56	60.57
26 09 23 00-0250	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	244.33	15.15
26 09 23 00-0251	EA	3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	244.33	15.15
26 09 23 00-0252	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	244.33	15.15
26 09 23 00-0253	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	244.33	15.15
26 09 23 00-0254	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	244.33	15.15
26 09 23 00-0255	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW) Note: Includes white finish.	252.51	15.15
26 09 23 00-0256	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	536.64	60.57
26 09 23 00-0257	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH)	244.33	15.15
26 09 23 00-0258	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH)	244.33	15.15
26 09 23 00-0259	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH)	244.33	15.15
26 09 23 00-0260	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	252.51	15.15
26 09 23 00-0261	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	536.64	60.57
26 09 23 00-0262	EA	450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB)	335.20	60.57
26 09 23 00-0263	EA	1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB)	335.20	60.57
26 09 23 00-0264	EA	1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR)	385.56	60.57
26 09 23 00-0265	EA	450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR)	385.56	60.57
26 09 23 00-0266	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	244.33	15.15
26 09 23 00-0267	EA	3 Scene Control, Wireless, Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	244.33	15.15
26 09 23 00-0268	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	244.33	15.15
26 09 23 00-0269	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	244.33	15.15
26 09 23 00-0270	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	244.33	15.15
26 09 23 00-0271	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	252.51	15.15
26 09 23 00-0272	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	536.64	60.57
26 09 23 00-0273	EA	Ceiling Mounted, Wireless Mounting Kit (Encelium EN-SCPPH-MK-ZB)	150.11	60.57
26 09 23 00-0274	EA	Wireless Ethernet Transceiver Unit (cns-enocean Connectivity Kit)	702.33	60.57

26 09 23 00-0275 Lighting Control Sensors *(26 09 23)*

26 09 23 00-0276	EA	DALIMulti Sensor, 600 SF (Fifthlight FLT-MTS6-DALI)	374.31	27.25
26 09 23 00-0277	EA	DALIMulti Sensor, 1,200 SF (Fifthlight FLT-MTS12-DALI)	374.31	27.25
26 09 23 00-0278	EA	Smart Multi-sensor (LG 9SD131VVDA.ALWB000)	327.89	27.25
26 09 23 00-0279	EA	Zigbee Dongle (LG 9CM2315VD2.AWP01U)	98.83	18.17
26 09 23 00-0280	EA	Clip for Performance Troffer (LG BKTTR015122.BUAAWAA)	7.99	
26 09 23 00-0281	EA	Clip for Downlight (BKTCE015123.BUAAWAA)	64.33	
26 09 23 00-0282	EA	Clip for Tube (LG BKTTU015121.BUAAWAA)	11.37	

26 09 23 00-0283 Radio Controlled Devices (Lutron) *(26 09 23)*

26 09 23 00-0284 Tabletop Transmitters For Radio Controlled Devices *(26 09 23 00-0283)*

26 09 23 00-0285 Switched Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0284)*

26 09 23 00-0286	EA	One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH)	493.42	18.17
26 09 23 00-0287	EA	Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH)	641.63	18.17
26 09 23 00-0288	EA	Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH)	808.36	18.17

26 09 23 00-0289 Dimmable Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0284)*

26 09 23 00-0290	EA	One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH)	493.42	18.17
26 09 23 00-0291	EA	Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH)	586.05	18.17
26 09 23 00-0292	EA	Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH)	808.36	18.17
26 09 23 00-0293	EA	One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH)	493.42	18.17
26 09 23 00-0294	EA	Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH)	641.63	18.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0295	EA	Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH)	808.36	18.17
26 09 23 00-0296		**Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0284)*		
26 09 23 00-0297	EA	One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH)	641.63	18.17
26 09 23 00-0298	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH)	808.36	18.17
26 09 23 00-0299	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH)	808.36	18.17
26 09 23 00-0300		**Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0284)*		
26 09 23 00-0301	EA	One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH)	493.42	18.17
26 09 23 00-0302	EA	Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH)	641.63	18.17
26 09 23 00-0303	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH)	586.05	18.17
26 09 23 00-0304	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH)	715.73	18.17
26 09 23 00-0305	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH)	641.63	18.17
26 09 23 00-0306	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH)	771.31	18.17
26 09 23 00-0307	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH)	641.63	18.17
26 09 23 00-0308		**Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0284)*		
26 09 23 00-0309	EA	One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH)	493.42	18.17
26 09 23 00-0310	EA	Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH)	641.63	18.17
26 09 23 00-0311	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH)	641.63	18.17
26 09 23 00-0312	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH)	808.36	18.17
26 09 23 00-0313	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH)	641.63	18.17
26 09 23 00-0314	EA	One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH)	808.36	18.17
26 09 23 00-0315		**Output Switch Closure Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0284)*		
26 09 23 00-0316	EA	Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH)	493.42	18.17
26 09 23 00-0317	EA	Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH)	641.63	18.17
26 09 23 00-0318	EA	Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH)	808.36	18.17
26 09 23 00-0319		**Accessories For Tabletop Wireless Transmitter** *(26 09 23 00-0284)*		
26 09 23 00-0320	EA	Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH)	104.39	18.17
26 09 23 00-0321		**Wall Box Transmitters For Radio Controlled Devices** *(26 09 23 00-0283)*		
26 09 23 00-0322	EA	On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH)	456.37	18.17
26 09 23 00-0323	EA	Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH)	493.42	18.17
26 09 23 00-0324	EA	Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH)	493.42	18.17
26 09 23 00-0325	EA	Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH)	493.42	18.17
26 09 23 00-0326	EA	Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH)	493.42	18.17
26 09 23 00-0327	EA	Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH)	493.42	18.17
26 09 23 00-0328		**Interfaces For Radio Controlled Devices** *(26 09 23 00-0283)*		
26 09 23 00-0329	EA	Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	456.37	18.17
26 09 23 00-0330	EA	Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	456.37	18.17
26 09 23 00-0331	EA	Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000)	456.37	18.17
26 09 23 00-0332	EA	Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8)	926.92	18.17
26 09 23 00-0333	EA	RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232)	1,327.07	18.17
26 09 23 00-0334	EA	Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI)	1,327.07	18.17

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0335		**Fluorescent Controllers For Radio Controlled Devices** *(26 09 23 00-0283)*		
26 09 23 00-0336	EA	On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW)	586.05	18.17
26 09 23 00-0337	EA	Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F)	660.15	18.17
26 09 23 00-0338	EA	Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC)	771.31	18.17
26 09 23 00-0339		**AC Motor Group Controllers For Radio Controlled Devices** *(26 09 23 00-0283)*		
26 09 23 00-0340	EA	Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC)	863.93	18.17
26 09 23 00-0341	EA	Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC)	1,188.13	18.17
26 09 23 00-0342		**RF Wireless Technology, Switches And Dimmers (Lutron® Maestro Wireless®)** *(26 09 23)*		
26 09 23 00-0343		**RF Wireless Technology, Switches (Lutron® Maestro Wireless®)** *(26 09 23 00-0342)*		
26 09 23 00-0344	EA	6 Amperes Lighting, 3 Amperes Fan, RF Wireless Technology, Electronic Switch (Lutron® Maestro Wireless® MRF2-6ANS)	133.72	24.23
26 09 23 00-0345	EA	8 Amperes Lighting, 5.8 Amperes Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8ANS-120)	157.31	24.23
26 09 23 00-0346	EA	8 Amperes Lighting, 3 Amperes Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8S-DV)	245.21	24.23
26 09 23 00-0347	EA	120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS)	94.38	24.23
26 09 23 00-0348	EA	277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS-277)	114.98	24.23
26 09 23 00-0349	EA	120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS)	103.02	24.23
26 09 23 00-0350	EA	277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS-277)	124.05	24.23
26 09 23 00-0351		**RF Wireless Technology, Dimmers (Lutron® Maestro Wireless®)** *(26 09 23 00-0342)*		
26 09 23 00-0352	EA	600 Watt, 120 Volt, RF Wireless Technology, Incandescent Dimmer (Lutron® Maestro Wireless® MRF2-600M)	128.28	24.23
26 09 23 00-0353	EA	600 Watt, 120 Volt, RF Wireless Technology, Magnetic Low Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6MLV)	139.17	24.23
26 09 23 00-0354	EA	600 Watt, 120 Volt, RF Wireless Technology, Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-6ND-120)	166.38	24.23
26 09 23 00-0355	EA	1,000 Watt, 120 Volt, RF Wireless Technology, Spec Grade Dimmer (Lutron® Maestro Wireless® MRF2-10D-120)	178.49	30.29
26 09 23 00-0356	EA	600 Watt, 120 Volt, RF Wireless Technology, Electronic Low-Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6ELV-120)	219.89	24.23
26 09 23 00-0357	EA	120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R)	73.40	24.23
26 09 23 00-0358	EA	277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R-277)	88.37	24.23
26 09 23 00-0359	EA	120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD)	78.86	24.23
26 09 23 00-0360	EA	277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD-277)	93.81	24.23
26 09 23 00-0361	EA	6 Amperes, 120/277 Volt, RF Wireless Technology, 3-Wire Fluorescent Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-F6AN-DV)	248.08	42.40
26 09 23 00-0362		**Removal And Reinstallation Of Occupancy Sensors** *(26 09 23)*		
26 09 23 00-0363	EA	Removal And Reinstallation Of Ceiling Mounted Occupancy Sensor Note: Includes storing and cleaning.	81.77	
26 09 23 00-0364	EA	Removal And Reinstallation Of Wall Mounted Occupancy Sensor Note: Includes storing and cleaning.	54.52	
26 09 23 00-0365		**Occupancy Sensors (Watt Stopper)** *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0366		**Occupancy Sensors** *(26 09 23 00-0365)* Note: Exclude boxes.		
26 09 23 00-0367		**Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0366)*		
26 09 23 00-0368		**Ultrasonic, Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0367)*		
26 09 23 00-0369	EA	Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100)	125.57	12.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0370	EA	Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200)	148.01	12.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0371		**Passive Infrared, Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0367)*		
26 09 23 00-0372	EA	Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100)	103.87	12.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0373	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS)	97.07	12.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0374	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100)	109.77	12.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0375		EA	Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200)	126.93	12.12
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0376		EA	Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD)	125.52	12.12
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0377			**Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0367)*		
26 09 23 00-0378		EA	Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100)	182.19	12.12
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0379		EA	Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200)	196.38	12.12
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0380			**Wall Switch Mounted Occupancy Sensor Accessories** *(26 09 23 00-0367)*		
26 09 23 00-0381		EA	Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	7.41	3.03
26 09 23 00-0382		EA	One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	8.54	3.03
26 09 23 00-0383		EA	Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	8.54	3.03
26 09 23 00-0384			**Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0366)*		
26 09 23 00-0385			**Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0384)*		
26 09 23 00-0386			**25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0385)*		
26 09 23 00-0387		EA	500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A)	166.86	27.25
26 09 23 00-0388		EA	1,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A)	191.27	27.25
26 09 23 00-0389		EA	2,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000A)	215.86	27.25
26 09 23 00-0390		EA	90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H)	213.64	27.25
26 09 23 00-0391			**32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0385)*		
26 09 23 00-0392		EA	600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605)	181.31	27.25
26 09 23 00-0393		EA	1,100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105)	206.06	27.25
26 09 23 00-0394		EA	2,205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205)	229.51	27.25
26 09 23 00-0395		EA	90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255)	233.48	27.25
26 09 23 00-0396		EA	600 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600)	196.10	27.25
26 09 23 00-0397		EA	1,100 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100)	221.48	27.25
26 09 23 00-0398		EA	2,200 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200)	246.75	27.25
26 09 23 00-0399		EA	90 LF Hallway Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250)	254.03	27.25
26 09 23 00-0400			**40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0385)*		
26 09 23 00-0401		EA	500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1)	188.46	27.25
26 09 23 00-0402		EA	1,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2)	218.04	27.25
26 09 23 00-0403		EA	2,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3)	242.80	27.25
26 09 23 00-0404		EA	500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1)	177.56	27.25
26 09 23 00-0405		EA	1,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2)	214.84	27.25
26 09 23 00-0406		EA	2,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3)	226.91	27.25
26 09 23 00-0407		EA	500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1)	190.00	27.25
26 09 23 00-0408		EA	1,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2)	211.46	27.25
26 09 23 00-0409		EA	2,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3)	237.96	27.25
26 09 23 00-0410			**Passive Infrared, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0384)*		
26 09 23 00-0411		EA	30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR)	138.37	27.25
26 09 23 00-0412		EA	HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24)	141.25	27.25
26 09 23 00-0413		EA	Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205)	148.08	27.25
26 09 23 00-0414		EA	Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355)	166.40	27.25
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0415		EA	Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305)	168.62	27.25
26 09 23 00-0416		EA	Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200)	178.20	27.25
26 09 23 00-0417		EA	Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300)	193.54	27.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0418		Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0384)*		
26 09 23 00-0419	EA	1,000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355)	229.30	27.25
26 09 23 00-0420	EA	1,000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300)	261.76	27.25
26 09 23 00-0421	EA	1,000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305)	222.41	27.25
26 09 23 00-0422		Ceiling/Wall Mounted Occupancy Sensors *(26 09 23 00-0366)*		
26 09 23 00-0423		Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors *(26 09 23 00-0422)*		
26 09 23 00-0424	EA	120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3)	281.21	27.25
26 09 23 00-0425	EA	2,000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100)	281.21	27.25
26 09 23 00-0426		Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors *(26 09 23 00-0422)*		
26 09 23 00-0427	EA	2,000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200)	261.76	27.25
26 09 23 00-0428		Occupancy Sensor Power Packs *(26 09 23 00-0365)*		
26 09 23 00-0429		Single Voltage, Occupancy Sensor Power Packs *(26 09 23 00-0428)*		
26 09 23 00-0430	EA	220 To 240 Volt AC, 20 Amperes, Occupancy Sensor Power Pack (Watt Stopper B230E-P)	93.84	24.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0431	EA	347 Volt AC, 15 Amperes, Occupancy Sensor Power Pack (Watt Stopper B347D-P)	85.60	24.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0432		Auxiliary, Occupancy Sensor Power Packs *(26 09 23 00-0428)*		
26 09 23 00-0433	EA	120, 277 Or 347 Volt AC, 20 Amperes, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P)	78.81	24.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0434		Universal Voltage, Power Packs For Occupancy Sensors *(26 09 23 00-0428)*		
26 09 23 00-0435	EA	120/277 Volt AC, 20 Amperes, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100)	103.66	24.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0436		Form C, Occupancy Sensor Power Packs *(26 09 23 00-0428)*		
26 09 23 00-0437	EA	120 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P)	94.22	24.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0438	EA	277 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P)	94.29	24.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0439		Two Relay, Occupancy Sensor Power Packs *(26 09 23 00-0428)*		
26 09 23 00-0440	EA	120 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P)	118.11	24.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0441	EA	277 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P)	119.75	24.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0442		Occupancy Sensor Power Supplies *(26 09 23 00-0428)*		
26 09 23 00-0443	EA	120 Volt AC, Occupancy Sensor Power Supply (Watt Stopper BZ-150)	111.49	24.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0444	EA	277 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-277)	238.92	24.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0445		Intelligent, Occupancy Sensor Power Packs *(26 09 23 00-0428)*		
26 09 23 00-0446	EA	120/277 Volt AC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100)	315.54	24.23
26 09 23 00-0447		DIN Rail Mounted, Occupancy Sensor Power Packs *(26 09 23 00-0428)*		
26 09 23 00-0448	EA	120/230/277 Volt AC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100)	102.73	24.23
26 09 23 00-0449		Occupancy Sensor Accessories *(26 09 23 00-0365)*		
26 09 23 00-0450		Protective Cages For Occupancy Sensors *(26 09 23 00-0449)*		
26 09 23 00-0451	EA	Protective Cage For Occupancy Sensors (Watt Stopper WC)	58.65	9.08
26 09 23 00-0452		Mounting Brackets For Occupancy Sensors *(26 09 23 00-0449)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0453	EA	Mounting Bracket For Occupancy Sensor (Watt Stopper MB) Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders.	46.46	15.15
26 09 23 00-0454		Occupancy/Lighting Logger *(26 09 23 00-0449)* Note: Logs when a space is occupied/vacant and when lighting is on/off.		
26 09 23 00-0455	EA	Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200)	434.25	51.49
26 09 23 00-0456		Digital Time Light Switches *(26 09 23 00-0365)*		
26 09 23 00-0457	EA	Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400)	93.85	12.12
26 09 23 00-0458		Occupancy Sensors (Sensor Switch) *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0459		Occupancy Sensors (Sensor Switch) *(26 09 23 00-0458)* Note: Exclude boxes		
26 09 23 00-0460		Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0459)*		
26 09 23 00-0461		Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0460)*		
26 09 23 00-0462	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV)	209.48	12.12
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
26 09 23 00-0463	EA	Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL)	147.73	12.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0464	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD)	140.94	12.12
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0465	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA)	140.94	12.12
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0466	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P)	178.61	12.12
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0467	EA	Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS)	178.61	12.12
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
26 09 23 00-0468	EA	2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P)	217.21	12.12
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
26 09 23 00-0469	EA	Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD)	178.61	12.12
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
26 09 23 00-0470		Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0460)* Note: Includes passive infrared and microphonics detection		
26 09 23 00-0471	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV)	271.23	12.12
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
26 09 23 00-0472	EA	Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL)	209.48	12.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0473	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT)	204.86	12.12
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0474	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA)	204.86	12.12
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0475	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P)	240.36	12.12
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 09 23 00-0476	EA	Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT)	240.36	12.12
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
26 09 23 00-0477	EA	2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P)	258.88	12.12
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
26 09 23 00-0478		Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch) *(26 09 23 00-0460)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0479	EA	One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX)	18.40	3.03
26 09 23 00-0480	EA	One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX)	18.40	3.03
26 09 23 00-0481	EA	Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3)	36.93	3.03
26 09 23 00-0482	EA	Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3)	36.93	3.03
26 09 23 00-0483		360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0459)*		
26 09 23 00-0484		Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0483)*		
		Note: One photocell or dimming option per occupancy sensor		
26 09 23 00-0485	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9)	239.77	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Photocell Option With Dimming Capability, Add	*42.10*	
26 09 23 00-0486	EA	Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9)	239.77	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Photocell Option With Dimming Capability, Add	*42.10*	
26 09 23 00-0487	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9)	239.77	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Photocell Option With Dimming Capability, Add	*42.10*	
26 09 23 00-0488	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9)	255.21	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Photocell Option With Dimming Capability, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0489	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9)	255.21	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Photocell Option With Dimming Capability, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0490	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9)	205.81	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Photocell Option With Dimming Capability, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0491	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P)	316.96	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Photocell Option With Dual Zone On/Off, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0492	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P)	316.96	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Photocell Option With Dual Zone On/Off, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0493	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P)	267.56	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Photocell Option With Dual Zone On/Off, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0494	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10)	239.77	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Photocell Option With Dimming Capability, Add	*42.10*	
26 09 23 00-0495	EA	Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10)	239.77	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Photocell Option With Dimming Capability, Add	*42.10*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0496		EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10)	239.77	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Low Voltage Relay Option, Add	*16.84*	
			For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
			For Occupancy Controlled Dimming Option, Add	*28.07*	
			For Photocell Option With Dimming Capability, Add	*42.10*	
26 09 23 00-0497		EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10)	255.21	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
			For Occupancy Controlled Dimming Option, Add	*28.07*	
			For Photocell Option With Dimming Capability, Add	*42.10*	
26 09 23 00-0498		EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10)	255.21	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
			For Occupancy Controlled Dimming Option, Add	*28.07*	
			For Photocell Option With Dimming Capability, Add	*42.10*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0499		EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10)	205.81	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
			For Occupancy Controlled Dimming Option, Add	*28.07*	
			For Photocell Option With Dimming Capability, Add	*42.10*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0500		EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P)	316.96	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
			For Photocell Option With Dual Zone On/Off, Add	*42.10*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0501		EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P)	316.96	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
			For Photocell Option With Dual Zone On/Off, Add	*42.10*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0502		EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P)	267.56	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
			For Photocell Option With Dual Zone On/Off, Add	*42.10*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	

26 09 23 00-0503 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0483)*

Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection

26 09 23 00-0504		EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9)	301.52	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Low Voltage Relay Option, Add	*16.84*	
			For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
			For Occupancy Controlled Dimming Option, Add	*28.07*	
			For Photocell Option With Dimming Capability, Add	*42.10*	
26 09 23 00-0505		EA	Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9)	301.52	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Low Voltage Relay Option, Add	*16.84*	
			For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
			For Occupancy Controlled Dimming Option, Add	*28.07*	
			For Photocell Option With Dimming Capability, Add	*42.10*	
26 09 23 00-0506		EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9)	301.52	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Low Voltage Relay Option, Add	*16.84*	
			For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
			For Occupancy Controlled Dimming Option, Add	*28.07*	
			For Photocell Option With Dimming Capability, Add	*42.10*	
26 09 23 00-0507		EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9)	286.09	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
			For Occupancy Controlled Dimming Option, Add	*28.07*	
			For Photocell Option With Dimming Capability, Add	*42.10*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0508		EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9)	286.09	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
			For Occupancy Controlled Dimming Option, Add	*28.07*	
			For Photocell Option With Dimming Capability, Add	*42.10*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0509	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9)	236.69	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Photocell Option With Dimming Capability, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0510	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P)	347.84	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Photocell Option With Dual Zone On/Off, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0511	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P)	347.84	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Photocell Option With Dual Zone On/Off, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0512	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P)	298.44	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Photocell Option With Dual Zone On/Off, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0513	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10)	301.52	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Photocell Option With Dimming Capability, Add	*42.10*	
26 09 23 00-0514	EA	Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10)	301.52	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Photocell Option With Dimming Capability, Add	*42.10*	
26 09 23 00-0515	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10)	301.52	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Photocell Option With Dimming Capability, Add	*42.10*	
26 09 23 00-0516	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10)	286.09	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Photocell Option With Dimming Capability, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0517	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10)	286.09	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Photocell Option With Dimming Capability, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0518	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10)	236.69	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Photocell Option With Dimming Capability, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0519	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P)	347.84	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Photocell Option With Dual Zone On/Off, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0520	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P)	347.84	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Photocell Option With Dual Zone On/Off, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0521	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P)	298.44	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Photocell Option With Dual Zone On/Off, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0522		Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0459)*		
26 09 23 00-0523		Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0522)*		
26 09 23 00-0524	EA	Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16)	239.77	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Ceiling Mount, Add	*28.07*	
26 09 23 00-0525	EA	Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13)	270.65	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Ceiling Mount, Add	*28.07*	
26 09 23 00-0526	EA	Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13)	332.40	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Ceiling Mount, Add	*28.07*	
26 09 23 00-0527	EA	Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16)	316.96	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Ceiling Mount, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0528	EA	2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P)	378.71	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Ceiling Mount, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0529		Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0522)*		
		Note: Includes passive infrared and microphonics detection		
26 09 23 00-0530	EA	Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16)	301.52	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Ceiling Mount, Add	*28.07*	
26 09 23 00-0531	EA	Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16)	347.84	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Ceiling Mount, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0532	EA	2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P)	409.59	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell (Inhibit Mode Only) Option, Add	*16.84*	
		For Ceiling Mount, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0533		High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0459)*		
26 09 23 00-0534		Passive Infrared, High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0533)*		
26 09 23 00-0535	EA	Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6)	239.77	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Photocell Option, Add	*28.07*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
26 09 23 00-0536	EA	Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6)	239.77	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Photocell Option, Add	*28.07*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
26 09 23 00-0537	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6)	239.77	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Photocell Option, Add	*28.07*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
26 09 23 00-0538	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6)	205.81	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Start To High, HID Option, Add	*16.84*	
		For Photocell Option, Add	*28.07*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0539	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6)	205.81	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Start To High, HID Option, Add	*16.84*	
		For Photocell Option, Add	*28.07*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0540	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6)	205.81	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Start To High, HID Option, Add	*16.84*	
		For Photocell Option, Add	*28.07*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0541	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P)	267.56	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell Option, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0542	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P)	267.56	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell Option, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0543	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P)	267.56	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell Option, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0544	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208)	227.42	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell Option, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0545	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208)	227.42	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell Option, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0546	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208)	227.42	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell Option, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0547	EA	480 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480)	227.42	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell Option, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0548	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480)	227.42	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell Option, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0549	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480)	227.42	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Photocell Option, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0550	EA	Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50)	270.65	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
26 09 23 00-0551	EA	Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50)	270.65	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
26 09 23 00-0552	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50)	270.65	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Low Voltage Relay Option, Add	*16.84*	
		For Photocell Option, Add	*28.07*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
26 09 23 00-0553	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50)	329.31	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Start To High, HID Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0554	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50)	329.31	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Start To High, HID Option, Add	*16.84*	
		For Occupancy Controlled Dimming Option, Add	*28.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0555		EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50)	329.31	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Start To High, HID Option, Add	*16.84*	
			For Photocell Option, Add	*28.07*	
			For Occupancy Controlled Dimming Option, Add	*28.07*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0556		EA	2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P)	289.17	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0557		EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P)	289.17	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Photocell Option, Add	*28.07*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0558		EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208)	242.86	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0559		EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208)	242.86	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Photocell Option, Add	*28.07*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0560		EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480)	242.86	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0561		EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480)	242.86	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Photocell Option, Add	*28.07*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0562		EA	Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10)	270.65	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Low Voltage Relay Option, Add	*16.84*	
			For Occupancy Controlled Dimming Option, Add	*28.07*	
26 09 23 00-0563		EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10)	270.65	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Low Voltage Relay Option, Add	*16.84*	
			For Occupancy Controlled Dimming Option, Add	*28.07*	
26 09 23 00-0564		EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10)	329.31	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Start To High, HID Option, Add	*16.84*	
			For Occupancy Controlled Dimming Option, Add	*28.07*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0565		EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10)	329.31	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Start To High, HID Option, Add	*16.84*	
			For Occupancy Controlled Dimming Option, Add	*28.07*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0566		EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P)	316.96	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0567		EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480)	286.09	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0568		EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208)	286.09	27.25
			For Low Temp/High Humidity Option, Add	*14.03*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	

26 09 23 00-0569 Occupancy Sensor Power Packs (Sensor Switch) *(26 09 23 00-0458)*

26 09 23 00-0570		EA	Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20)	134.91	24.23
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0571		EA	2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P)	196.66	24.23
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0572		EA	Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20)	104.04	24.23
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0573		EA	2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20)	94.77	24.23
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0574		EA	20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack (Sensor Switch SP20)	125.65	24.23
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0575	EA	120/277 Volt AC, High Intensity Discharge (HID) Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH)	202.84	24.23
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0576	EA	120/277 Volt AC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR)	202.84	24.23
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	
26 09 23 00-0577	EA	120/277 Volt AC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM)	202.84	24.23
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.54*	

26 09 23 00-0578 Daylighting Control (Sensor Switch) *(26 09 23 00-0458)*

26 09 23 00-0579	EA	Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC)	208.90	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Dual Zone Option, Add	*42.10*	
26 09 23 00-0580	EA	Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC)	208.90	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Dual Zone Option, Add	*42.10*	
26 09 23 00-0581	EA	Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC)	208.90	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Dual Zone Option, Add	*42.10*	
26 09 23 00-0582	EA	Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC)	208.90	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For 480 Volt AC Option, Add	*19.65*	
		For Dual Zone Option, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0583	EA	Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC)	208.90	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For 480 Volt AC Option, Add	*19.65*	
		For Dual Zone Option, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0584	EA	Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC)	208.90	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For 480 Volt AC Option, Add	*19.65*	
		For Dual Zone Option, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0585	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC)	208.90	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Dual Zone Option, Add	*42.10*	
26 09 23 00-0586	EA	Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC)	208.90	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Dual Zone Option, Add	*42.10*	
26 09 23 00-0587	EA	Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC)	208.90	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Dual Zone Option, Add	*42.10*	
26 09 23 00-0588	EA	Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC)	208.90	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Dual Zone Option, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0589	EA	Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC)	208.90	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Dual Zone Option, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0590	EA	Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC)	208.90	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Dual Zone Option, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0591	EA	Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC)	301.52	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Dual Zone Option, Add	*42.10*	
26 09 23 00-0592	EA	Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC)	301.52	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Dual Zone Option, Add	*42.10*	
26 09 23 00-0593	EA	Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC)	301.52	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Dual Zone Option, Add	*42.10*	
26 09 23 00-0594	EA	Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC)	301.52	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Dual Zone Option, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0595	EA	Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC)	301.52	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Dual Zone Option, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	
26 09 23 00-0596	EA	Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC)	301.52	27.25
		For Low Temp/High Humidity Option, Add	*14.03*	
		For Dual Zone Option, Add	*42.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.36*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0597		**Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0598		**Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0597)* Note: Excludes boxes.		
26 09 23 00-0599		**Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0598)*		
26 09 23 00-0600		**Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0599)* Note: Includes passive infrared and microphonics detection		
26 09 23 00-0601	EA	Low Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor With Raise/Lower Dim Control (Sensor Switch nLight® nWSX PDT LV DX)	325.67	12.12
26 09 23 00-0602		**360 Degree View Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0598)*		
26 09 23 00-0603		**Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0602)* Note: One photocell or dimming option per occupancy sensor		
26 09 23 00-0604	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 9)	385.76	27.25
26 09 23 00-0605	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 10)	385.76	27.25
26 09 23 00-0606	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor With Auto Dimming Control Photocell (Sensor Switch nLight® nCM 10 ADC)	385.76	27.25
26 09 23 00-0607		**Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0602)* Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection		
26 09 23 00-0608	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 9)	452.01	27.25
26 09 23 00-0609	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10)	452.01	27.25
26 09 23 00-0610	EA	2-Channel, Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10 2P)	468.55	27.25
26 09 23 00-0611		**Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0598)*		
26 09 23 00-0612		**Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0611)* Note: Includes passive infrared and microphonics detection		
26 09 23 00-0613	EA	Low Voltage, Dual Technology, Corner/Ceiling Mount, Wide View Occupancy Sensor (Sensor Switch nLight® nWV PDT 16)	452.01	27.25
26 09 23 00-0614		**High Bay Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0598)*		
26 09 23 00-0615		**Passive Infrared, High Bay Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0614)*		
26 09 23 00-0616	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch nLight® nCMB 6)	385.76	27.25
26 09 23 00-0617		**Occupancy Sensor Power Packs (Sensor Switch nLight®)** *(26 09 23 00-0597)*		
26 09 23 00-0618	EA	150mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-150)	131.27	24.23
26 09 23 00-0619	EA	250mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-250)	164.42	24.23
26 09 23 00-0620	EA	30mA/Port At 15 Volt DC Output, 120-277 Volt AC Input, Dimming Power Pack (Sensor Switch nLight® nEPP5 D KO)	220.71	24.23
26 09 23 00-0621	EA	System Power Pack and Relay, Switching Module (Sensor Switch nLight® nPP 16)	220.71	24.23
26 09 23 00-0622		**Occupancy Sensor Accessories (Sensor Switch nLight®)** *(26 09 23 00-0597)*		
26 09 23 00-0623	EA	RS232 AV Integrator (Sensor Switch nLight® nIO X)	468.55	27.25
26 09 23 00-0624	EA	8 Port, Aggregation Bridge With Power Supply (Sensor Switch nLight® nBRG 8 KIT)	377.27	27.25
26 09 23 00-0625		**Daylighting Controls (Sensor Switch nLight®)** *(26 09 23 00-0597)*		
26 09 23 00-0626	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch nLight® nCM ADC)	319.51	27.25
26 09 23 00-0627		**Controls (Sensor Switch nLight®)** *(26 09 23 00-0597)*		
26 09 23 00-0628	EA	On/Off And Raise/Lower Control, Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM DX)	210.21	27.25
26 09 23 00-0629	EA	1 Scene Controller (2 Buttons), Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM 1SB)	302.98	27.25
26 09 23 00-0630	EA	On/Off Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM)	700.45	27.25
26 09 23 00-0631	EA	3-1/2" Screen, High Resolution Touch Screen Controller, WallPod® Station (Sensor Switch nLight® nPOD GFX)	700.45	27.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0632	EA	3-1/2" Screen, Touch Screen Clock And Network Interface Controller, Gateway (Sensor Switch nLight® nGWY2)	2,621.65	27.25

26 09 23 00-0633 Occupancy Sensors (Lutron) *(26 09 23)*

Note: Includes testing of new devices and certification.

26 09 23 00-0634 Wireless Occupancy Sensors *(26 09 23 00-0633)*

26 09 23 00-0635	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Occupancy/Vacancy Sensor (Lutron® LRF2-OCR2B-P-WH)	156.44	27.25
26 09 23 00-0636	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Vacancy Sensor (Lutron® LRF2-VCR2B-P-WH)	163.29	27.25
26 09 23 00-0637	EA	Wireless, Passive Infrared, Hallway Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OHLB-P-WH)	158.07	27.25
26 09 23 00-0638	EA	Wireless, Passive Infrared, Hallway Wall Mount, Vacancy Sensor (Lutron® LRF2-VHLB-P-WH)	167.12	27.25
26 09 23 00-0639	EA	Wireless, Passive Infrared, 90 Degree Corner Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OKLB-P-WH)	160.10	27.25
26 09 23 00-0640	EA	Wireless, Passive Infrared, 90 Degree Corner Mount, Vacancy Sensor (Lutron® LRF2-VKLB-P-WH)	167.12	27.25
26 09 23 00-0641	EA	Wireless, Passive Infrared, 180 Degree Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OWLB-P-WH)	156.44	27.25
26 09 23 00-0642	EA	Wireless, Passive Infrared, 180 Degree Wall Mount, Vacancy Sensor (Lutron® LRF2-VWLB-P-WH)	160.10	27.25
26 09 23 00-0643	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Lutron® FHB140NP24V)	158.07	27.25
26 09 23 00-0644	EA	Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-500-WH)	243.35	27.25
26 09 23 00-0645	EA	Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-500R-WH)	259.60	27.25
26 09 23 00-0646	EA	Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-1000-WH)	296.15	27.25
26 09 23 00-0647	EA	Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-1000R-WH)	312.40	27.25
26 09 23 00-0648	EA	Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CDT-2000-WH)	320.52	27.25
26 09 23 00-0649	EA	Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-2000R-WH)	336.77	27.25
26 09 23 00-0650	EA	Wireless, Passive Infrared, Ceiling Mount, 450 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-450-WH)	192.18	27.25
26 09 23 00-0651	EA	Wireless, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-1500-WH)	202.74	27.25
26 09 23 00-0652	EA	Wireless, Ultrasonic, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-500-WH)	237.26	27.25
26 09 23 00-0653	EA	Wireless, Ultrasonic, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-1000-WH)	263.66	27.25
26 09 23 00-0654	EA	Wireless, Ultrasonic, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CUS-2000-WH)	283.97	27.25
26 09 23 00-0655	EA	Wireless, Passive Infrared, 1,600 SF Coverage, 110 Degree Wall Mount, Occupancy Sensor (Lutron® LOS-WIR-WH)	245.39	27.25
26 09 23 00-0656	EA	Wireless, Passive Infrared, RF Daylight Sensor (Lutron® LRF2-DCRB-WH)	225.67	27.25
26 09 23 00-0657	EA	Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-SIR-HD-WH)	188.97	27.25
26 09 23 00-0658	EA	Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor, Dual Circuit (Lutron® LOS-S2IR-HD-WH)	232.24	27.25
26 09 23 00-0659	EA	Wireless, Switch and Ceiling Retrofit Sensor (Lutron® MRF2-1S8A-10C)	281.67	27.25
26 09 23 00-0660	EA	Wireless, Switch and Hallway Retrofit Sensor (Lutron® MRF2-1S8A-10H)	298.87	27.25
26 09 23 00-0661	EA	Wireless, Switch and Corner Retrofit Sensor (Lutron® MRF2-1S8A-10K)	298.87	27.25
26 09 23 00-0662	EA	Wireless, Switch and Wall Retrofit Sensor (Lutron® MRF2-1S8A-10W)	298.87	27.25
26 09 23 00-0663	EA	Wireless, Switch and Vacancy Retrofit Sensor (Lutron® MRF2-1S8A-10V)	314.63	27.25
26 09 23 00-0664	EA	Wireless, Two Switchs and Wall Retrofit Sensor (Lutron® MRF2-2S8A-10W)	510.12	39.37

26 09 23 00-0665 Nodes And Modules *(26 09 23 00-0633)*

26 09 23 00-0666	EA	0 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-C)	253.51	27.25
26 09 23 00-0667	EA	0 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-J)	253.51	27.25
26 09 23 00-0668	EA	4 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-C)	320.52	27.25
26 09 23 00-0669	EA	4 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-J)	320.52	27.25
26 09 23 00-0670	EA	120 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-120-WH)	409.83	30.29
26 09 23 00-0671	EA	120 Volt, Gang Box Mount, Switching Power Module (Lutron® PHPM-SW-DV-WH)	409.83	30.29
26 09 23 00-0672	EA	120 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-120-WH)	497.15	30.29
26 09 23 00-0673	EA	120 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-120-WH)	509.33	30.29
26 09 23 00-0674	EA	120/277 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-DV-WH)	629.15	30.29
26 09 23 00-0675	EA	120/277 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-DV-WH)	667.73	30.29
26 09 23 00-0676	EA	120/277 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-DV-WH)	706.31	30.29
26 09 23 00-0677	EA	1 Circuit, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-2)	1,909.32	48.46
26 09 23 00-0678	EA	2 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-4)	1,875.75	54.52
26 09 23 00-0679	EA	3 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-6)	2,750.92	60.57

26 09 23 00-0680 Other Accessories *(26 09 23 00-0633)*

26 09 23 00-0681	EA	Pico® Wireless Control Wallplate Adapter (Lutron® PJ)	40.61	
26 09 23 00-0682	EA	Pico® Wireless Control (Lutron® PJ)	52.02	
26 09 23 00-0683	EA	4-Scene Wireless Remote Control (Lutron® GRX-IT-WH)	154.25	
26 09 23 00-0684	EA	8-Scene Wireless Remote Control (Lutron® GRX-8IT-WH)	294.37	
26 09 23 00-0685	EA	4 Button, EcoSystem® Wall Control With Raise/Lower (Lutron® CC-4BRL)	308.80	27.25
26 09 23 00-0686	EA	seeTouch® QS Wallstation (Lutron® QSWS2)	391.11	27.25
26 09 23 00-0687	EA	seeTouch® QS Wallstation With Infrared Receiver (Lutron® QSWS2)	391.11	27.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0688	EA	120/277 Volt, Energi Savr Node™ With Softswitch®, Fixture Controller (Lutron® QSN-4S16-S)	641.33	30.29
26 09 23 00-0689	EA	120/277 Volt, Energi Savr Node™ For 0-10 V Models, Fixture Controller (Lutron® QSN-4T16-S)	878.92	30.29
26 09 23 00-0690	EA	Control Interface (Lutron® QSE-CI-NWK-E)	1,057.67	27.25
26 09 23 00-0691	EA	1 EcoSystem® Digital Link, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-1ECO-S)	1,049.56	27.25
26 09 23 00-0692	EA	2 EcoSystem® Digital Links, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-2ECO-S)	1,404.94	27.25
26 09 23 00-0693	MLF	5 Conductor, Non-Plenum, Low Voltage Grafik Eye Cable (Lutron® GRX-CBL-346S)	2,302.53	846.68
26 09 23 00-0694	MLF	5 Conductor, Plenum Rated, Low Voltage Grafik Eye Cable (Lutron® GRX-PCBL-346S)	3,114.81	846.68
26 09 23 00-0695		**Fixture Mounted Occupancy Sensors (Leviton)** *(26 09 23)*		
		Note: Includes testing of new devices and certification.		
26 09 23 00-0696	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-ITW)	149.94	27.25
26 09 23 00-0697	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-I4W)	131.26	27.25
26 09 23 00-0698	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-CTW)	165.38	27.25
26 09 23 00-0699	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-C4W)	131.26	27.25
26 09 23 00-0700	EA	120-347 Volt, Dual Detection Occupancy Wall Sensor Switch (Lithonia WSX-PDT)	217.80	12.10
26 09 23 00-0701		**Wireless Enabled Communication Devices For Streetlights** *(26 09 23)*		
		Note: Includes testing of new devices and certification.		
26 09 23 00-0702		**Wireless Enabled Communication Nodes For Streetlights (Roam®)** *(26 09 23 00-0701)*		
26 09 23 00-0703	EA	120/244/277 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN127 NM1)	331.97	
26 09 23 00-0704	EA	480 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN480 NM1)	464.47	
26 09 23 00-0705		**Wireless Enabled Communication Devices For Streetlights (Roam®)** *(26 09 23 00-0701)*		
26 09 23 00-0706	EA	Retrofit Receptacle Kit (Roam® DUR103)	57.05	
		Note: For adapting light fixtures for use with a NEMA locking type photocontrol.		
26 09 23 00-0707	EA	Wireless Enabled Backbone And Data Backhaul Device, Gateway (Roam® REG127)	13,385.06	67.68
26 09 23 00-0708		**Counter Mounted Consolets** *(26 09 23)*		
26 09 23 00-0709	EA	20" x 24" Type 12, Oil Tight Consolets, Counter Mounted (Schaefer's SPCL-20C24)	656.37	151.19
26 09 23 00-0710		**Lighting Console And Stations** *(26 09 23)*		
26 09 23 00-0711	EA	80 Channel, 40 Faders, Lighting Console (ETC ColorSource CS 40)	4,731.53	151.19
		For Lighting Console Dust Cover (ETC ColorSource CS40DC), Add	*102.42*	
		For Lighting Console Case (ETC ColorSourcePart 11866), Add	*1,092.05*	
26 09 23 00-0712	EA	10 Preset, Lighting Control Station (Doug Fleenor PRE10-A2)	3,267.86	90.71
26 09 23 00-0713		**Theatre Lighting Console** *(26 09 23)*		
26 09 23 00-0714	EA	Theatre Lighting Console (ETC Colorsource 20)	3,398.95	181.43
26 09 23 00-0715		**Lighting Controls (Daintree Networks)** *(26 09 23)*		
		Note: Includes testing of new devices and certification.		
26 09 23 00-0716		**Wireless Sensors** *(26 09 23 00-0715)*		
26 09 23 00-0717	EA	Battery Powered, Passive Infrared, Ceiling Mount, 500 SF Coverage, 360 Degree View, Wireless Occupancy Sensor (Daintree Networks WOS2-CM-S)	187.02	27.25
26 09 23 00-0718	EA	Battery Powered, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View, Wireless Occupancy Sensor (Daintree Networks WOS2-CM-E)	187.02	27.25
26 09 23 00-0719	EA	Battery Powered, Passive Infrared, Wall Mount, Long-Range Lens, Wireless Occupancy Sensor (Daintree Networks WOS2-WM-L)	187.02	27.25
		Note: 8' to 12' install height.		
26 09 23 00-0720	EA	Battery Powered, Passive Infrared, Wall Mount, Wide-Angle Lens, Wireless Occupancy Sensor (Daintree Networks WOS2-WM-W)	187.02	27.25
		Note: 8' to 12' install height.		
26 09 23 00-0721	EA	Battery Powered, Wireless Photosensor (Daintree Networks WPS1)	160.52	27.25
		Note: 8' to 12' install height.		
26 09 23 00-0722		**Wireless Adaptors** *(26 09 23 00-0715)*		
26 09 23 00-0723	EA	Line Voltage, Wireless Adapter (Daintree Networks WA100)	218.44	36.35
		Note: Includes on/off, 0-10V dimming and alternate/bi-level switching. Includes inputs for occupancy controller and photo sensor, and mounting bracket.		
26 09 23 00-0724	EA	Line Voltage, Wireless Adapter With Power Monitoring (Daintree Networks WA100-PM)	244.94	36.35
		Note: Includes on/off, 0-10V dimming and alternate/bi-level switching. Includes inputs for occupancy controller and photo sensor, power monitoring, and mounting bracket.		
26 09 23 00-0725	EA	Line Voltage, Wireless Fixture Adapter (Daintree Networks WFA100)	170.74	36.35
		Note: Includes on/off and 0-10V dimming.		
26 09 23 00-0726	EA	Line Voltage, Wireless Fixture Adapter With Sensor Inputs (Daintree Networks WFA100-SN)	183.99	36.35
		Note: Includes on/off and 0-10V dimming. Includes inputs for occupancy controller and photo sensor.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0727	EA	Line Voltage, Wireless General Purpose Adapter (Daintree Networks WGA100) Note: Includes mounting bracket.	271.44	36.35
26 09 23 00-0728		**Controllers** *(26 09 23 00-0715)*		
26 09 23 00-0729	EA	Site System Controller (Daintree Networks SC51) Note: For single facility up to 1,000 wireless nodes. Excludes node licenses. Does not support CS-MFM.	2,744.60	60.57
26 09 23 00-0730	EA	Enterprise System Controller (Daintree Networks SC71) Note: For single or multiple facilities up to 10,000 wireless nodes. Excludes node licenses. Up to 4,000 zones per facility. Single facility included, additional facilities require purchase of CS-MFM per facility. Includes rack rails.	4,599.55	60.57
26 09 23 00-0731	EA	Wireless Area Controller (Daintree Networks WAC50) Note: Maximum capacity of 100 wireless nodes. Excludes node licenses.	1,094.05	
26 09 23 00-0732	EA	BACnet Server (Daintree Networks CS-BAC) Note: Requires purchase of additional CS-BAC-5 licenses for systems with more than 1,000 nodes.	5,394.54	60.57
26 09 23 00-0733		**Other Accessories** *(26 09 23 00-0715)*		
26 09 23 00-0734	EA	10 To 30 Volt AC, Wireless Thermostat (Daintree Networks WTS10)	439.15	60.57
26 09 23 00-0735	EA	Battery Powered, Wireless Wall Dimmer (Daintree Networks WWD1)	191.94	36.35
26 09 23 00-0736	EA	SafePlug Model 1203 Wireless Plug Load Controller, Dual Receptacle (Daintree Networks RSP-1203) Note: ControlScope interoperable version is 9916 003 ZB HA or later.	289.22	12.12
26 09 23 00-0737	EA	SafePlug 1621 Reset Link Key (Daintree Networks RSP-1621) Note: Required to reset a Safeplug 1203 to default settings.	18.55	
26 09 23 00-0738		**Software And Support** *(26 09 23 00-0715)*		
26 09 23 00-0739	EA	Regular Node License Bundle (25 Regular Wireless Nodes) (Daintree Networks N25) Note: Includes 1 year of SUS.	1,828.46	
26 09 23 00-0740	EA	Software Updates and Support - 1 Year Extension (5 Wireless Nodes) (Daintree Networks SUS1-5) Note: Node total must match the number of wireless node licenses purchased or installed on the system.	119.25	
26 09 23 00-0741	EA	Software Updates and Support - 3 Year Extension (5 Wireless Nodes) (Daintree Networks SUS3-5) Note: Node total must match the number of wireless node licenses purchased or installed on the system.	291.49	
26 09 23 00-0742	EA	Thermostat Node License Bundle (5 Thermostat Wireless Nodes) (Daintree Networks T5) Note: Includes 1 year of SUS.	1,563.46	
26 09 23 00-0743	EA	BACnet Supplemental Node License Bundle (5 Additional Wireless Nodes) (Daintree Networks CS-BAC-5) Note: Requires CS-BAC; Supports additional wireless nodes above 1,000. Node total must match the number of wireless node licenses purchased or installed on the system.	26.50	
26 09 23 00-0744	EA	Multi-Facility Management (per additional facility) (Daintree Networks CS-MFM) Note: Requires SC71.	1,033.48	
26 09 23 00-0745	HR	Engineering Assistance (Daintree Networks EAH1)	397.49	
26 09 23 00-0746	DAY	Engineering Assistance (Daintree Networks EA1)	3,179.92	
26 09 23 00-0747	EA	2-Year Hardware Warranty Extension (Daintree Networks HWE2-SC51) Note: Extends total hardware warranty to 3 years. Can be purchased before expiry of the included 1-year warranty.	847.98	
26 09 23 00-0748	EA	2-Year Hardware Warranty Extension (Daintree Networks HWE2-SC71) Note: Extends total hardware warranty to 3 years. Can be purchased before expiry of the included 1-year warranty.	1,563.46	
26 09 23 00-0749		**Emergency Lighting Controls** *(26 09 23)*		
26 09 23 00-0750		**Emergency Lighting Control Units (Watt Stopper ELCU)** *(26 09 23 00-0749)* Note: The ELCU monitors a single circuit and can be wired either as a control device, so that emergency lighting follows the control of normal lighting, or as a bypass device to shunt emergency power around a control device when normal power fails. Includes integral push-to-test button and LED indicator for emergency and normal power.		
26 09 23 00-0751	EA	DIN Rail Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-100)	216.95	30.29
26 09 23 00-0752	EA	1/2" Knockout Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-200)	216.95	30.29
26 09 23 00-0753		**Emergency Shunt Relays (Lighting Control & Design GR 2001™)** *(26 09 23 00-0749)* Note: Normally-closed, electrically-held relay to be wired in parallel with a wall switch. Manually controlled emergency lighting will be automatically shunted on during a power outage. Includes two-gang NEMA 1 junction box, voltage-separating barrier and plaster ring separating normal and emergency power. Excludes wall plate and switch.		
26 09 23 00-0754	EA	1 Emergency Shunt Relay And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	384.04	42.40
26 09 23 00-0755	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	524.25	48.46
26 09 23 00-0756	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™ Dual) Note: Controls normal and emergency lighting from single-pole wall switch.	707.48	54.52
26 09 23 00-0757		**Photocells** *(26 09 23)*		
26 09 23 00-0758	EA	Plug-In Photocell For Lighting Fixtures (Intermac® LC2000)	94.05	
26 09 23 00-0759	EA	Wired Photocell For Lighting Fixtures (Intermac® K4021C)	214.77	
26 09 23 00-0760		**Outdoor Lighting Motion Sensors** *(26 09 23)*		
26 09 23 00-0761	EA	70' Range, 180 Degree Detection Zone, 8 Amperes, Switching Capacity, Polycarbonate Housing, Outdoor Motion Sensor (Lithonia OMS 1000)	124.86	30.29
26 09 23 00-0762	EA	70' Range, 200 Degree Detection Zone, 10 Amperes, Switching Capacity, Cast Aluminum Housing, Outdoor Motion Sensor (Lithonia OMS 2000)	136.51	30.29

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0763	EA	30' Range, 360 Degree Detection Zone, Line Voltage, Plastic Housing, IP66 Rated, Outdoor Motion Sensor With Photocell (SensorSwitch SBOR)	569.27	30.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.17*	
26 09 23 00-0764		Street Light Controls *(26 09 23)*		
26 09 23 00-0765		Photo Controls *(26 09 23 00-0764)*		
26 09 23 00-0766	EA	Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014	98.91	
26 09 23 00-0767	EA	Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016	113.31	
26 09 23 00-0768		Connector Node *(26 09 23 00-0764)*		
26 09 23 00-0769	EA	Outdoor Lighting Connector Node (Philips City Touch LLC7260)	515.30	3.24
26 09 23 00-0770		Lighting Control Devices (Legrand) *(26 09 23)*		
26 09 23 00-0771	EA	Line-Voltage Wall Switch Occupancy Sensors (Legrand DW-100)	236.32	27.25
26 09 23 00-0772	EA	Line-Voltage Dimming Wall Switch Occupancy Sensors (Legrand DW-311)	319.42	27.25
26 09 23 00-0773	EA	Dual Technology, Ceiling Mount, Occupancy Sensor (Legrand LMDC-100)	511.61	39.37
26 09 23 00-0774	EA	1 Relay Digital Room Controller, 0-10V Dimming (Legrand LMRC-211)	384.23	27.25
26 09 23 00-0775	EA	2 Relay Digital Room Controller, 0-10V Dimming (Legrand LMRC-212)	526.66	33.32
26 09 23 00-0776	EA	1 Button, Digital Dimming Wall Switch (Legrand LMDM-101)	176.71	27.25
26 09 23 00-0777	EA	4 Button, Digital Wall Switch (Legrand LMSW-104)	226.05	45.43

26 10 Medium-Voltage Electrical Distribution *(26)*

26 11 Substations *(26 10)*

26 11 13 Primary Unit Substations *(26 11)*

26 11 13 00-0001 "Switchyard" Substation Primary Incoming Section *(26 11 13)*

26 11 13 00-0002 Outdoor Oil Circuit Breakers "Switchyard" *(26 11 13 00-0001)*

Note: Type SP 14.4 thru 69 KV 1200 amp. Frame mounted. Standard equipment

26 11 13 00-0003	EA	14.4 KV, 500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	57,987.40	2,099.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,281.05*	
26 11 13 00-0004	EA	23.0 KV, 750 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	71,141.32	2,654.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,601.30*	
26 11 13 00-0005	EA	34.5 KV, 1,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	80,541.83	2,654.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,601.30*	
26 11 13 00-0006	EA	46 KV, 2,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	92,581.80	2,654.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,708.06*	
26 11 13 00-0007	EA	69 KV, 3,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	105,042.82	3,272.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,970.84*	

26 11 13 00-0008 Accessories For Outdoor Oil Circuit Breakers *(26 11 13 00-0001)*

26 11 13 00-0009	EA	Reclosure Relay, Adjustable, 3 Shot, #179	1,612.32	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.86*	
26 11 13 00-0010	EA	Overcurrent Relay, 1 Phase, #51/51N	521.63	160.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.28*	
26 11 13 00-0011	EA	Directional Overcurrent Relay, Three-Phase, Device No. 67	776.41	160.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.75*	
26 11 13 00-0012	EA	Voltage Relay, Under Or Over- Voltage, Device No. 27 Or 59, Three-Phase	614.36	160.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.28*	
26 11 13 00-0013	EA	Differential Relay Package, Complete, Device No. 87	2,298.37	541.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*326.95*	

26 11 13 00-0014 "Switchyard", Substation Transformer Section *(26 11 13)*

Note: Standard NEMA design two winding three phase, 60 Hz. oil filled load tap changer 10% Range

26 11 13 00-0015 14.4 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0016	EA	1,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	33,530.44	2,099.06
		For 50 Hz Operation, Add	*3,511.23*	
		For Forced Air Cooling, Add	*3,511.23*	
		For External Control Panel, Add	*877.81*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*292.60*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,463.01*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*3,657.54*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*4,389.04*	
26 11 13 00-0017	EA	2,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	38,371.32	2,630.00
		For 50 Hz Operation, Add	*3,964.04*	
		For Forced Air Cooling, Add	*3,964.04*	
		For External Control Panel, Add	*991.01*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*330.34*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,651.68*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*4,129.21*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*4,955.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0018	EA	5,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	58,993.32	3,704.23
		For 50 Hz Operation, Add	*6,168.23*	
		For Forced Air Cooling, Add	*6,168.23*	
		For External Control Panel, Add	*1,542.06*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*514.02*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,570.10*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*6,425.24*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*7,710.29*	
26 11 13 00-0019	EA	7,500 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	85,397.68	4,451.52
		For 50 Hz Operation, Add	*9,095.56*	
		For Forced Air Cooling, Add	*9,095.56*	
		For External Control Panel, Add	*2,273.89*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*757.96*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,789.82*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*9,474.54*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*11,369.45*	
26 11 13 00-0020	EA	10,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	105,222.52	5,760.79
		For 50 Hz Operation, Add	*11,186.50*	
		For Forced Air Cooling, Add	*11,186.50*	
		For External Control Panel, Add	*2,796.63*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*932.21*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,661.04*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*11,652.61*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*13,983.13*	

26 11 13 00-0021 23 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0022	EA	1,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	37,524.74	2,839.91
		For 50 Hz Operation, Add	*3,862.45*	
		For External Control Panel, Add	*965.61*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*321.87*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,609.35*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*4,023.38*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*4,828.06*	
		For Forced Air Cooling, Add	*2,574.96*	
26 11 13 00-0023	EA	2,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	42,867.68	2,839.91
		For 50 Hz Operation, Add	*4,370.66*	
		For External Control Panel, Add	*1,092.67*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*364.22*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,821.11*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*4,552.77*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*5,463.33*	
		For Forced Air Cooling, Add	*2,913.77*	
26 11 13 00-0024	EA	5,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	68,654.49	4,198.12
		For 50 Hz Operation, Add	*7,213.70*	
		For External Control Panel, Add	*1,803.43*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*601.14*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,005.71*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*7,514.28*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*9,017.13*	
		For Forced Air Cooling, Add	*4,809.14*	
26 11 13 00-0025	EA	7,500 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	92,154.16	5,760.79
		For 50 Hz Operation, Add	*9,618.30*	
		For External Control Panel, Add	*2,404.58*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*801.53*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,007.63*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*10,019.06*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*12,022.88*	
		For Forced Air Cooling, Add	*6,412.20*	
26 11 13 00-0026	EA	10,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	113,934.78	5,760.79
		For 50 Hz Operation, Add	*12,231.98*	
		For External Control Panel, Add	*3,057.99*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,019.33*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*5,096.66*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*12,741.64*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*15,289.97*	
		For Forced Air Cooling, Add	*8,154.65*	

26 11 13 00-0027 34.5 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0028	EA	1,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	47,102.80	3,395.54
		For 50 Hz Operation, Add	*4,878.88*	
		For External Control Panel, Add	*1,219.72*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*406.57*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,032.87*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*5,082.16*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*6,098.60*	
		For Forced Air Cooling, Add	*3,252.58*	
26 11 13 00-0029	EA	2,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	56,891.43	5,309.39
		For 50 Hz Operation, Add	*5,895.30*	
		For External Control Panel, Add	*1,473.83*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*491.28*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,456.38*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*6,140.94*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*7,369.13*	
		For Forced Air Cooling, Add	*3,930.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0030	EA	5,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	78,631.04	5,309.39
		For 50 Hz Operation, Add	*8,154.68*	
		For External Control Panel, Add	*2,038.67*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*679.56*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,397.78*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*8,494.46*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*10,193.35*	
		For Forced Air Cooling, Add	*5,436.45*	
26 11 13 00-0031	EA	7,500 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	100,866.35	5,629.87
		For 50 Hz Operation, Add	*10,663.76*	
		For External Control Panel, Add	*2,665.94*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*888.65*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,443.24*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*11,108.09*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*13,329.71*	
		For Forced Air Cooling, Add	*7,109.18*	
26 11 13 00-0032	EA	10,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	173,924.84	7,201.00
		For 50 Hz Operation, Add	*19,027.53*	
		For External Control Panel, Add	*4,756.88*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,585.63*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*7,928.14*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*19,820.34*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*23,784.41*	
		For Forced Air Cooling, Add	*12,685.02*	
26 11 13 00-0033		**46 KV Nominal Primary** *(26 11 13 00-0014)*		
26 11 13 00-0034	EA	1,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	72,081.26	3,951.17
		For 50 Hz Operation, Add	*7,718.08*	
		For External Control Panel, Add	*1,929.52*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*643.17*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,215.87*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*8,039.67*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*9,647.60*	
		For Forced Air Cooling, Add	*5,145.39*	
26 11 13 00-0035	EA	2,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	81,457.87	3,951.17
		For 50 Hz Operation, Add	*8,750.11*	
		For External Control Panel, Add	*2,187.53*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*729.18*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,645.88*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*9,114.70*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*10,937.64*	
		For Forced Air Cooling, Add	*5,833.41*	
26 11 13 00-0036	EA	5,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	112,756.91	5,309.39
		For 50 Hz Operation, Add	*12,249.78*	
		For External Control Panel, Add	*3,062.45*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,020.82*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*5,104.08*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*12,760.19*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*15,312.23*	
		For Forced Air Cooling, Add	*8,166.52*	
26 11 13 00-0037	EA	7,500 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	138,025.06	7,201.00
		For 50 Hz Operation, Add	*14,719.55*	
		For External Control Panel, Add	*3,679.89*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,226.63*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*6,133.15*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*15,332.87*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*18,399.44*	
		For Forced Air Cooling, Add	*9,813.04*	
26 11 13 00-0038	EA	10,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	195,759.41	7,201.00
		For 50 Hz Operation, Add	*21,647.67*	
		For External Control Panel, Add	*5,411.92*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,803.97*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*9,019.86*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*22,549.66*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*27,059.59*	
		For Forced Air Cooling, Add	*14,431.78*	
26 11 13 00-0039		**69 KV Nominal Primary** *(26 11 13 00-0014)*		
26 11 13 00-0040	EA	1,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	103,572.72	4,198.12
		For 50 Hz Operation, Add	*11,403.89*	
		For External Control Panel, Add	*2,850.97*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*950.32*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,751.62*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*11,879.05*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*14,254.86*	
		For Forced Air Cooling, Add	*7,602.59*	
26 11 13 00-0041	EA	2,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	119,018.60	5,309.39
		For 50 Hz Operation, Add	*13,001.19*	
		For External Control Panel, Add	*3,250.30*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,083.43*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*5,417.16*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*13,542.90*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*16,251.48*	
		For Forced Air Cooling, Add	*8,667.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0042	EA	5,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	163,282.36	5,309.39
		For 50 Hz Operation, Add	*18,312.84*	
		For External Control Panel, Add	*4,578.21*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,526.07*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*7,630.35*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*19,075.87*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*22,891.05*	
		For Forced Air Cooling, Add	*12,208.56*	
26 11 13 00-0043	EA	7,500 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	173,291.34	7,201.00
		For 50 Hz Operation, Add	*18,951.51*	
		For External Control Panel, Add	*4,737.88*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,579.29*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*7,896.46*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*19,741.15*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*23,689.38*	
		For Forced Air Cooling, Add	*12,634.34*	
26 11 13 00-0044	EA	10,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	226,605.02	7,201.00
		For 50 Hz Operation, Add	*25,349.15*	
		For External Control Panel, Add	*6,337.29*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*2,112.43*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*10,562.15*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*26,405.36*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*31,686.44*	
		For Forced Air Cooling, Add	*16,899.43*	

26 11 13 00-0045 Circuit Breakers Fluarc SF6 13.8 KV *(26 11 13)*

26 11 13 00-0046	EA	1,200 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	61,879.21	1,031.51
26 11 13 00-0047	EA	1,200 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	67,924.12	1,031.51
26 11 13 00-0048	EA	1,200 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	77,350.03	1,281.31
26 11 13 00-0049	EA	2,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	72,382.88	1,540.71
26 11 13 00-0050	EA	2,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	81,514.99	1,540.71
26 11 13 00-0051	EA	2,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	93,001.47	1,789.97
26 11 13 00-0052	EA	3,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	95,905.90	2,045.04
26 11 13 00-0053	EA	3,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	107,275.90	2,045.04
26 11 13 00-0054	EA	3,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	112,463.66	2,296.60

26 11 16 Secondary Unit Substations *(26 11)*

26 11 16 11 Secondary Unit Substations with Switchgear Secondary *(26 11 16)*

26 11 16 11-0001 Substation Primary Incoming Section *(26 11 16 11)*

26 11 16 11-0002 Manual Transferring Fused Load Break Switches *(26 11 16 11-0001)*

Note: 15 KV 600 Amp 3 pole 2 position floor mounted. Type, metal compartment includes weatherproofing, fuses, transformer throat, pothead terminations thru 500 MCM, with surge protection. Manual transferring of one line to an alternate incoming line.

26 11 16 11-0003	EA	112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position	38,952.81	1,514.75
26 11 16 11-0004	EA	2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position	44,960.47	1,514.75

26 11 16 11-0005 Automatic Transferring Fused Load Break Switches *(26 11 16 11-0001)*

Note: Items are equipped with 3 pole - 2 position selector switch for automatic transferring one line to an alternate incoming line.

26 11 16 11-0006	EA	112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch	55,108.03	1,514.75
26 11 16 11-0007	EA	2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch	59,017.86	1,514.75

26 11 16 11-0008 Accessories For Substation Fused Load Break Switches *(26 11 16 11-0001)*

26 11 16 11-0009	EA	Primary Lightning Arrestors Accessories, Secondary Distribution Section	16,678.09	
26 11 16 11-0010	EA	Key Interlock Accessories, Secondary Distribution Section	1,623.39	

26 11 16 11-0011 Oil Filled Substation Transformers *(26 11 16 11)*

Note: 112-1/2 KVA thru 2500 KVA standard NEMA design 3 phase cover mounted manual tap changer, liquid level gauge with alarm contacts, thermometer with alarm contacts, pressure vacuum gauge, automatic control for auxiliary cooling equipment. Weatherproof.

26 11 16 11-0012 Substation, Primary 13.8 KV Secondary 480Y/277 Or 480 Volt, 60 HZ *(26 11 16 11-0011)*

26 11 16 11-0013	EA	75 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	29,426.44	926.06
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,930.20*	
		For Control Power Transformer On Fans And Auxiliary, Add	*827.23*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*275.74*	
26 11 16 11-0014	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	43,408.46	1,111.26
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,883.01*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,235.58*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*411.86*	
26 11 16 11-0015	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	49,148.90	1,234.75
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*3,267.56*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,400.38*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*466.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0016	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	58,093.31	1,543.42
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*3,850.45*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,650.19*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*550.06*	
26 11 16 11-0017	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	64,618.67	1,913.85
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*4,255.37*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,823.73*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*607.91*	
26 11 16 11-0018	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	68,864.34	2,346.01
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*4,492.06*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,925.17*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*641.72*	
26 11 16 11-0019	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	80,526.17	2,839.91
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*5,239.25*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,245.39*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*748.46*	
26 11 16 11-0020	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	85,752.86	3,086.85
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*5,570.54*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,387.37*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*795.79*	
26 11 16 11-0021	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	95,866.41	3,395.54
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*6,235.27*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,672.26*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*890.75*	
26 11 16 11-0022	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	110,999.61	3,765.96
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*7,242.74*	
		For Control Power Transformer On Fans And Auxiliary, Add	*3,104.03*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,034.68*	
26 11 16 11-0023	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	121,910.11	4,105.51
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*7,958.94*	
		For Control Power Transformer On Fans And Auxiliary, Add	*3,410.97*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,136.99*	
26 11 16 11-0024		**Substation, Primary 13.8 KV Secondary 208Y/120 Volt, 60 HZ** *(26 11 16 11-0011)*		
26 11 16 11-0025	EA	75 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	28,050.80	926.06
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,833.91*	
		For Control Power Transformer On Fans And Auxiliary, Add	*785.96*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*261.99*	
26 11 16 11-0026	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	42,591.97	926.06
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,851.79*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,222.20*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*407.40*	
26 11 16 11-0027	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	49,118.46	1,234.75
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*3,265.43*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,399.47*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*466.49*	
26 11 16 11-0028	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	58,145.69	1,543.42
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*3,854.12*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,651.77*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*550.59*	
26 11 16 11-0029	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	69,964.11	1,913.85
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*4,629.55*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,984.09*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*661.36*	
26 11 16 11-0030	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	75,520.37	2,346.01
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*4,957.98*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,124.85*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*708.28*	
26 11 16 11-0031	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	83,599.67	2,839.91
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*5,454.39*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,337.60*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*779.20*	
26 11 16 11-0032	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	91,047.24	3,086.85
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*5,941.15*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,546.21*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*848.74*	
26 11 16 11-0033	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	102,712.86	3,395.54
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*6,714.53*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,877.65*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*959.22*	
26 11 16 11-0034		**Accessories For Oil Filled Substation Transformers** *(26 11 16 11-0011)*		
26 11 16 11-0035	EA	Sudden Pressure Relay	8,357.67	
26 11 16 11-0036	EA	Throats Or Flanges (HV Or LV)	16,592.82	
26 11 16 11-0037	EA	Lightning Arrestors (3 - 1 Pole)	10,925.73	
26 11 16 11-0038	EA	Single Feeder Switch With Fuses 3 Pole, 2 Position, Open-Close Close) Fuse Type - CLE (80E To 125 X)	60,632.32	
26 11 16 11-0039	EA	Oil Fuse Cutout, 15 KV, 200 Amperes, Free Standing Air Filled Terminal Compartment, 15 KV - 200 Amp Cutout	56,727.58	
26 11 16 11-0040		**Reinforced Concrete Curb With 6" Slab** *(26 11 16 11-0011)* Note: For transformer liquid containment area.		
26 11 16 11-0041	EA	112.5 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	6,734.23	1,235.15
26 11 16 11-0042	EA	150 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	6,734.23	1,235.15

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0043		EA	225 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	6,734.23	1,235.15
26 11 16 11-0044		EA	300 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	6,734.23	1,235.15
26 11 16 11-0045		EA	500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	6,734.23	1,235.15
26 11 16 11-0046		EA	750 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	6,734.23	1,235.15
26 11 16 11-0047		EA	1,000 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	6,734.23	1,235.15
26 11 16 11-0048		EA	1,500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	8,201.03	1,424.16

26 11 16 11-0049 Dry Type Substation Transformer *(26 11 16 11)*

Note: Standard NEMA design 3 phase - 150 C rise - 60 Hz self-cooled, ventilated.

26 11 16 11-0050 Primary 4.16 Or 4.8 KV Secondary 208 Y/120 Or 240 Volt *(26 11 16 11-0049)*

Note: Primary 4.160 or 4.8 KV (delta or wye).

26 11 16 11-0051		EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	51,749.49	987.79
			For Gas Filled Transformers, Add	*29,864.35*	
			For Single Phase Transformers, Deduct	*-1,244.35*	
			For Dry Type Unit, Add	*11,147.82*	
26 11 16 11-0052		EA	150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	51,872.97	1,049.53
			For Gas Filled Transformers, Add	*29,864.35*	
			For Single Phase Transformers, Deduct	*-1,244.35*	
			For Dry Type Unit, Add	*11,160.17*	
26 11 16 11-0053		EA	225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	52,891.72	1,234.75
			For Gas Filled Transformers, Add	*30,253.34*	
			For Single Phase Transformers, Deduct	*-1,260.56*	
			For Dry Type Unit, Add	*11,339.84*	
26 11 16 11-0054		EA	300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	58,381.52	1,358.22
			For Gas Filled Transformers, Add	*33,399.05*	
			For Single Phase Transformers, Deduct	*-1,391.63*	
			For Dry Type Unit, Add	*12,517.96*	
26 11 16 11-0055		EA	500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	64,735.98	1,605.16
			For Gas Filled Transformers, Add	*36,915.39*	
			For Single Phase Transformers, Deduct	*-1,538.14*	
			For Dry Type Unit, Add	*13,856.68*	
26 11 16 11-0056		EA	750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	75,005.99	1,852.11
			For Gas Filled Transformers, Add	*42,781.06*	
			For Single Phase Transformers, Deduct	*-1,782.54*	
			For Dry Type Unit, Add	*16,056.81*	
26 11 16 11-0057		EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	87,039.12	2,222.54
			For Gas Filled Transformers, Add	*49,556.43*	
			For Single Phase Transformers, Deduct	*-2,064.85*	
			For Dry Type Unit, Add	*18,615.20*	
26 11 16 11-0058		EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	102,980.79	2,469.48
			For Gas Filled Transformers, Add	*58,825.10*	
			For Single Phase Transformers, Deduct	*-2,451.05*	
			For Dry Type Unit, Add	*22,063.10*	
26 11 16 11-0059		EA	2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	133,832.31	2,592.95
			For Gas Filled Transformers, Add	*77,187.84*	
			For Single Phase Transformers, Deduct	*-3,216.16*	
			For Dry Type Unit, Add	*28,820.80*	

26 11 16 11-0060 Primary 4.16 Or 4.8 KV Secondary 480 Y/277 Or 480 Volt *(26 11 16 11-0049)*

Note: Primary 4.16 or 4.8 KV (delta or wye).

26 11 16 11-0061		EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	49,983.15	987.79
			For Gas Filled Transformers, Add	*28,804.54*	
			For Single Phase Transformers, Deduct	*-1,200.19*	
			For Dry Type Unit, Add	*10,759.22*	
26 11 16 11-0062		EA	150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	51,872.97	1,049.53
			For Gas Filled Transformers, Add	*29,864.35*	
			For Single Phase Transformers, Deduct	*-1,244.35*	
			For Dry Type Unit, Add	*11,160.17*	
26 11 16 11-0063		EA	225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	52,891.72	1,234.75
			For Gas Filled Transformers, Add	*30,253.34*	
			For Single Phase Transformers, Deduct	*-1,260.56*	
			For Dry Type Unit, Add	*11,339.84*	
26 11 16 11-0064		EA	300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	58,381.52	1,358.22
			For Gas Filled Transformers, Add	*33,399.05*	
			For Single Phase Transformers, Deduct	*-1,391.63*	
			For Dry Type Unit, Add	*12,517.96*	
26 11 16 11-0065		EA	500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	64,735.98	1,605.16
			For Gas Filled Transformers, Add	*36,915.39*	
			For Single Phase Transformers, Deduct	*-1,538.14*	
			For Dry Type Unit, Add	*13,856.68*	
26 11 16 11-0066		EA	750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	75,005.99	1,852.11
			For Gas Filled Transformers, Add	*42,781.06*	
			For Single Phase Transformers, Deduct	*-1,782.54*	
			For Dry Type Unit, Add	*16,056.81*	
26 11 16 11-0067		EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	87,039.12	2,222.54
			For Gas Filled Transformers, Add	*49,556.43*	
			For Single Phase Transformers, Deduct	*-2,064.85*	
			For Dry Type Unit, Add	*18,615.20*	
26 11 16 11-0068		EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	102,980.79	2,469.48
			For Gas Filled Transformers, Add	*58,825.10*	
			For Single Phase Transformers, Deduct	*-2,451.05*	
			For Dry Type Unit, Add	*22,063.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0069	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	133,832.31	2,592.95
		For Gas Filled Transformers, Add	*77,187.84*	
		For Single Phase Transformers, Deduct	*-3,216.16*	
		For Dry Type Unit, Add	*28,820.80*	
26 11 16 11-0070	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	146,974.53	2,716.43
		For Gas Filled Transformers, Add	*84,925.00*	
		For Single Phase Transformers, Deduct	*-3,538.54*	
		For Dry Type Unit, Add	*31,682.45*	
26 11 16 11-0071	EA	3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	164,154.82	2,839.91
		For Gas Filled Transformers, Add	*95,085.01*	
		For Single Phase Transformers, Deduct	*-3,961.88*	
		For Dry Type Unit, Add	*35,432.48*	
26 11 16 11-0072	EA	3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	189,395.92	2,963.38
		For Gas Filled Transformers, Add	*110,081.50*	
		For Single Phase Transformers, Deduct	*-4,586.73*	
		For Dry Type Unit, Add	*40,955.89*	
26 11 16 11-0073		**Primary 13.8 KV (Delta Or Wye) Secondary 208 Y/120 Or 240 Volt** *(26 11 16 11-0049)*		
26 11 16 11-0074	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	55,651.64	1,111.26
		For Gas Filled Transformers, Add	*32,057.46*	
		For Single Phase Transformers, Deduct	*-1,335.73*	
		For Dry Type Unit, Add	*11,976.66*	
26 11 16 11-0075	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	57,531.23	1,173.00
		For Gas Filled Transformers, Add	*33,111.13*	
		For Single Phase Transformers, Deduct	*-1,379.63*	
		For Dry Type Unit, Add	*12,375.35*	
26 11 16 11-0076	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	61,500.69	1,358.22
		For Gas Filled Transformers, Add	*35,270.56*	
		For Single Phase Transformers, Deduct	*-1,469.61*	
		For Dry Type Unit, Add	*13,204.18*	
26 11 16 11-0077	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	64,912.75	1,481.69
		For Gas Filled Transformers, Add	*37,169.62*	
		For Single Phase Transformers, Deduct	*-1,548.73*	
		For Dry Type Unit, Add	*13,925.20*	
26 11 16 11-0078	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	74,003.49	1,728.64
		For Gas Filled Transformers, Add	*42,327.73*	
		For Single Phase Transformers, Deduct	*-1,763.66*	
		For Dry Type Unit, Add	*15,865.90*	
26 11 16 11-0079	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	81,986.45	1,975.58
		For Gas Filled Transformers, Add	*46,821.17*	
		For Single Phase Transformers, Deduct	*-1,950.88*	
		For Dry Type Unit, Add	*17,562.88*	
26 11 16 11-0080	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	95,719.56	2,346.01
		For Gas Filled Transformers, Add	*54,616.52*	
		For Single Phase Transformers, Deduct	*-2,275.69*	
		For Dry Type Unit, Add	*20,495.26*	
26 11 16 11-0081	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	116,097.49	2,592.95
		For Gas Filled Transformers, Add	*66,546.95*	
		For Single Phase Transformers, Deduct	*-2,772.79*	
		For Dry Type Unit, Add	*24,919.14*	
26 11 16 11-0082	EA	2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	140,501.37	2,716.43
		For Gas Filled Transformers, Add	*81,041.11*	
		For Single Phase Transformers, Deduct	*-3,376.71*	
		For Dry Type Unit, Add	*30,258.36*	
26 11 16 11-0083		**Primary 13.8 KV (Delta Or Wye) Secondary 480 Y/277 Or 480 Volt** *(26 11 16 11-0049)*		
26 11 16 11-0084	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	55,651.64	1,111.26
		For Gas Filled Transformers, Add	*32,057.46*	
		For Single Phase Transformers, Deduct	*-1,335.73*	
		For Dry Type Unit, Add	*11,976.66*	
26 11 16 11-0085	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	57,531.23	1,173.00
		For Gas Filled Transformers, Add	*33,111.13*	
		For Single Phase Transformers, Deduct	*-1,379.63*	
		For Dry Type Unit, Add	*12,375.35*	
26 11 16 11-0086	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	61,500.69	1,358.22
		For Gas Filled Transformers, Add	*35,270.56*	
		For Single Phase Transformers, Deduct	*-1,469.61*	
		For Dry Type Unit, Add	*13,204.18*	
26 11 16 11-0087	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	64,912.75	1,481.69
		For Gas Filled Transformers, Add	*37,169.62*	
		For Single Phase Transformers, Deduct	*-1,548.73*	
		For Dry Type Unit, Add	*13,925.20*	
26 11 16 11-0088	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	74,003.49	1,728.64
		For Gas Filled Transformers, Add	*42,327.73*	
		For Single Phase Transformers, Deduct	*-1,763.66*	
		For Dry Type Unit, Add	*15,865.90*	
26 11 16 11-0089	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	71,776.41	1,975.58
		For Gas Filled Transformers, Add	*40,695.14*	
		For Single Phase Transformers, Deduct	*-1,695.63*	
		For Dry Type Unit, Add	*15,316.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0090	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	74,744.18	2,346.01
		For Gas Filled Transformers, Add	*42,031.30*	
		For Single Phase Transformers, Deduct	*-1,751.30*	
		For Dry Type Unit, Add	*15,880.68*	
26 11 16 11-0091	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	92,065.72	2,592.95
		For Gas Filled Transformers, Add	*52,127.89*	
		For Single Phase Transformers, Deduct	*-2,172.00*	
		For Dry Type Unit, Add	*19,632.15*	
26 11 16 11-0092	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	109,353.02	2,716.43
		For Gas Filled Transformers, Add	*62,352.10*	
		For Single Phase Transformers, Deduct	*-2,598.00*	
		For Dry Type Unit, Add	*23,405.72*	
26 11 16 11-0093	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	122,338.88	2,839.91
		For Gas Filled Transformers, Add	*69,995.44*	
		For Single Phase Transformers, Deduct	*-2,916.48*	
		For Dry Type Unit, Add	*26,232.98*	
26 11 16 11-0094	EA	3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	143,809.45	2,963.38
		For Gas Filled Transformers, Add	*82,729.62*	
		For Single Phase Transformers, Deduct	*-3,447.07*	
		For Dry Type Unit, Add	*30,926.87*	
26 11 16 11-0095	EA	3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	176,624.52	3,086.85
		For Gas Filled Transformers, Add	*102,270.49*	
		For Single Phase Transformers, Deduct	*-4,261.27*	
		For Dry Type Unit, Add	*38,116.55*	

26 12 Medium-Voltage Transformers *(26 10)*

26 12 13 Liquid-Filled, Medium-Voltage Transformers *(26 12)*

26 12 13 00-0001 Removal And Relocation Of Transformers *(26 12 13)*

26 12 13 00-0002	EA	Removal And Relocation Of Up To 37.5 KVA Oil Filled Transformer	1,275.89	
26 12 13 00-0003	EA	Removal And Relocation Of >37.5 To 100 KVA Oil Filled Transformers	2,348.01	

26 12 13 00-0004 Single Phase Oil Filled Distribution Transformers *(26 12 13)*

Note: Self-protected type, CSP, external secondary breaker handle, external tap changer.

26 12 13 00-0005 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL. Rated To 5 KVA *(26 12 13 00-0004)*

26 12 13 00-0006	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	6,722.25	510.35
26 12 13 00-0007	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	8,047.29	637.93
26 12 13 00-0008	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	9,337.40	765.52
26 12 13 00-0009	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	12,111.69	956.91
26 12 13 00-0010	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	14,366.79	1,148.29
26 12 13 00-0011	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	20,126.35	1,339.67
26 12 13 00-0012	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	23,833.89	1,594.84

26 12 13 00-0013 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 2-2.5 Percent Taps FCAN And FCBN. Rated To 5 KVA *(26 12 13 00-0004)*

26 12 13 00-0014	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	6,722.25	510.35
26 12 13 00-0015	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	8,203.86	637.93
26 12 13 00-0016	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	9,337.40	765.52
26 12 13 00-0017	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	12,111.69	956.91
26 12 13 00-0018	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	14,366.79	1,148.29
26 12 13 00-0019	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	18,517.06	1,339.67
26 12 13 00-0020	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	23,016.67	1,594.84

26 12 13 00-0021 Primary 13.8/14.4 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0004)*

26 12 13 00-0022	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	6,539.60	510.35
26 12 13 00-0023	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	7,551.50	637.93
26 12 13 00-0024	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	8,847.07	765.52
26 12 13 00-0025	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	11,998.53	956.91
26 12 13 00-0026	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	13,889.03	1,148.29
26 12 13 00-0027	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	18,818.80	1,339.67
26 12 13 00-0028	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	23,092.11	1,594.84

26 12 13 00-0029 Primary 13.8/14.4 KV Ground Y Secondary 240/480 Volt, 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0004)*

26 12 13 00-0030	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	7,387.65	510.35
26 12 13 00-0031	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	8,425.65	637.93
26 12 13 00-0032	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	11,137.18	765.52
26 12 13 00-0033	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	14,037.19	956.91
26 12 13 00-0034	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	16,174.40	1,148.29
26 12 13 00-0035	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	22,198.70	1,339.67
26 12 13 00-0036	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	28,548.38	1,594.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 13 00-0037		**Transformer Platforms** *(26 12 13 00-0004)*		
26 12 13 00-0038	EA	Transformer Platforms, 75 - 167 KVA	5,369.50	861.86
26 12 13 00-0039		**Primary 24.9 KV, Ground Y Secondary 240/480 Volt, 2-2.5 Percent Tops FCBN Auto FCAN** *(26 12 13 00-0004)*		
26 12 13 00-0040	EA	10 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	8,160.99	510.35
26 12 13 00-0041	EA	15 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	9,127.82	637.93
26 12 13 00-0042	EA	25 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	11,138.41	765.52
26 12 13 00-0043	EA	37.5 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	14,035.69	956.91
26 12 13 00-0044	EA	50 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	16,301.46	1,212.08
26 12 13 00-0045	EA	75 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	22,202.45	1,339.67
26 12 13 00-0046	EA	100 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	28,548.38	1,594.84
26 12 13 00-0047	EA	167 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	38,218.58	2,041.40
26 12 13 00-0048	EA	250 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	48,873.57	2,743.13
26 12 13 00-0049	EA	333 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	57,262.81	3,189.69
26 12 13 00-0050	EA	500 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	72,955.16	3,444.86
26 12 13 00-0051		**Primary 4.8 KV Ground Y Secondary 120/240V 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL** *(26 12 13 00-0004)*		
26 12 13 00-0052	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	6,722.25	624.92
26 12 13 00-0053	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	8,047.29	781.09
26 12 13 00-0054	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	9,336.88	936.37
26 12 13 00-0055	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	12,112.93	1,173.42
26 12 13 00-0056	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	14,365.61	1,405.63
26 12 13 00-0057	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	20,124.75	1,637.07
26 12 13 00-0058	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	23,833.89	1,952.86
26 12 13 00-0059		**Primary 4.8 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCAN And FCBN** *(26 12 13 00-0004)*		
26 12 13 00-0060	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	6,722.25	624.92
26 12 13 00-0061	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	8,203.86	781.09
26 12 13 00-0062	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	9,336.88	936.37
26 12 13 00-0063	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	12,112.93	1,173.42
26 12 13 00-0064	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	14,365.61	1,405.63
26 12 13 00-0065	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	18,515.46	1,637.07
26 12 13 00-0066	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	23,016.67	1,952.86
26 12 13 00-0067		**Primary 7.2 To 14.4 KV Ground Y** *(26 12 13 00-0004)*		
26 12 13 00-0068		**Primary 7.2 To 14.4 KV Ground Y Secondary 120 / 240 V 2-2.5 Percent Taps FCBN And FCAN** *(26 12 13 00-0067)*		
26 12 13 00-0069	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	5,349.94	510.35
26 12 13 00-0070	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	6,364.22	637.93
26 12 13 00-0071	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	7,341.16	765.52
26 12 13 00-0072	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	9,626.16	956.91
26 12 13 00-0073	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	12,081.20	1,148.29
26 12 13 00-0074	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	19,279.31	1,339.67
26 12 13 00-0075	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	22,167.19	1,594.84
26 12 13 00-0076		**Primary 7.2 To 14.4 KV Ground Y Secondary 240 / 480 V 2-2.5 Pct Taps FCBN And FCAN** *(26 12 13 00-0067)*		
26 12 13 00-0077	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	4,934.81	510.35
26 12 13 00-0078	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	5,842.34	637.93
26 12 13 00-0079	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	7,103.94	765.52
26 12 13 00-0080	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	9,151.72	956.91
26 12 13 00-0081	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	11,428.84	1,148.29
26 12 13 00-0082	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	16,907.12	1,339.67
26 12 13 00-0083	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	19,795.01	1,594.84
26 12 13 00-0084		**3 Phase Oil Filled Distribution Transformers** *(26 12 13)*		
26 12 13 00-0085		**Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt** *(26 12 13 00-0084)*		
		Note: 4-2.5 Percent taps FCBN, Class A, 95 KV BIL.		
26 12 13 00-0086	EA	112.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	24,474.92	1,786.22
26 12 13 00-0087	EA	150 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	30,724.18	1,913.81
26 12 13 00-0088	EA	225 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	40,812.87	2,424.16
26 12 13 00-0089	EA	300 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	53,308.46	3,062.10
26 12 13 00-0090	EA	500 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	78,818.82	3,444.86
26 12 13 00-0091	EA	750 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	120,461.23	4,593.15

26 12 16 Dry-Type, Medium-Voltage Transformers *(26 12)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 16 00-0001		Removal and Relocation of Transformers *(26 12 16)*		
26 12 16 00-0002	EA	Removal And Relocation Of Up To 37.5 KVA "Dry Type" Transformer	512.42	
26 12 16 00-0003	EA	Removal And Relocation Of >37.5 To 112.5 KVA "Dry Type" Transformer	2,277.41	
26 12 19		**Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers** *(26 12)*		
26 12 19 00-0001		Single Phase Pad Mounted Distribution Transformers *(26 12 19)* Note: Designed for residential and multi-family buildings. UL listed.		
26 12 19 00-0002		Mini Pak - Single Phase KVA 25 Thru 167 - 95 KV BIL.- Oil Filled *(26 12 19 00-0001)* Note: Self actuating pressure relief device, taps, 4-1/2 % below or 2-1/2 % above and below. Designed for loop feed grounded wye distribution system.		
26 12 19 00-0003		Primary, 4.16/4.8 KV Ground Y Or Delta *(26 12 19 00-0002)* Note: 2.4 To 24.94 KV ground Y / 14.4 KV secondary - 240/120 Volt, 480/240 Volt, 277 V. Rated to 5 KVA.		
26 12 19 00-0004	EA	25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	16,000.93	617.37
26 12 19 00-0005	EA	37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	17,366.65	740.85
26 12 19 00-0006	EA	50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	20,713.73	864.32
26 12 19 00-0007	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	25,717.99	926.06
26 12 19 00-0008	EA	100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	29,236.23	987.79
26 12 19 00-0009	EA	167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	38,257.26	1,296.48
26 12 19 00-0010		Factory Modifications Material Cost Only *(26 12 19 00-0002)*		
26 12 19 00-0011	EA	Loadbreaker Current Limiting Fuse Factory Modifications	3,535.69	
26 12 19 00-0012	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	3,715.03	
26 12 19 00-0013	EA	Loadbreaker Inserts, Factory Modifications	4,086.53	
26 12 19 00-0014		Distribution - Single Phase Multiple Building Transformer *(26 12 19 00-0001)* Note: KVA 25 to 250, KVA BIL-95, 125, 150 standard features. Oil filled, self-actuating pressure relief device, lighting arrester mounted. Pad HV/LV barrier, etc. with taps 4-1/2 % below or 2-1/2 % above and below.		
26 12 19 00-0015		Primary, 4.16/4.8 KVA Ground Y Or Delta *(26 12 19 00-0014)* Note: 2.4 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0016	EA	25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	20,265.01	617.37
26 12 19 00-0017	EA	37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	22,749.36	617.37
26 12 19 00-0018	EA	50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	24,390.90	845.80
26 12 19 00-0019	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	30,586.15	845.80
26 12 19 00-0020	EA	100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	34,358.50	1,111.26
26 12 19 00-0021	EA	167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	41,187.17	1,111.26
26 12 19 00-0022	EA	250 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	66,847.51	1,543.42
26 12 19 00-0023		Factory Modifications Material Cost Only *(26 12 19 00-0014)*		
26 12 19 00-0024	EA	Loadbreaker Current Limiting Fuse Factory Modifications	4,714.25	
26 12 19 00-0025	EA	Lightning Arrestors, Factory Modifications	1,194.46	
26 12 19 00-0026	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	3,715.03	
26 12 19 00-0027	EA	Loop Feed Air Switch, Factory Modifications	6,046.53	
26 12 19 00-0028	EA	Loadbreaker Inserts (Two), Factory Modifications	1,614.12	
26 12 19 00-0029	EA	Bay-O-Net Fuse 25 Thru 167 KVA Factory Modifications	1,396.34	
26 12 19 00-0030		Primary, 12.47 KV Ground Y Or Delta *(26 12 19 00-0014)* Note: 7.2 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0031	EA	25 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	22,002.49	617.37
26 12 19 00-0032	EA	37.5 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	23,336.27	617.37
26 12 19 00-0033	EA	50 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	24,163.63	845.80
26 12 19 00-0034	EA	75 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	29,210.80	845.80
26 12 19 00-0035	EA	100 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	37,230.38	1,111.26
26 12 19 00-0036	EA	167 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	46,268.65	1,111.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0037	EA	250 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	58,755.08	1,543.42
26 12 19 00-0038		**Oil Filled Distribution Transformer Single Phase Cluster Mounted** *(26 12 19 00-0001)* Note: Conventional type.		
26 12 19 00-0039		**13.8/14.4 KV Ground Y Or Delta Primary 120/240V** *(26 12 19 00-0038)* Note: 2.5 Taps FCBN and FCAN.		
26 12 19 00-0040	EA	10 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	14,622.44	432.79
26 12 19 00-0041	EA	37.5 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,052.09	608.61
26 12 19 00-0042	EA	50 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	27,719.61	973.77
26 12 19 00-0043	EA	100 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	50,059.85	973.77
26 12 19 00-0044	EA	167 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	69,105.01	1,595.89
26 12 19 00-0045	EA	250 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	93,161.07	1,595.89
26 12 19 00-0046		**Oil Filled Distribution Transformer Single Phase** *(26 12 19 00-0001)*		
26 12 19 00-0047		**7.2 KV Primary, 120/240 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0048	EA	10 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	14,159.84	459.83
26 12 19 00-0049	EA	15 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,446.60	459.83
26 12 19 00-0050	EA	25 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,250.34	649.18
26 12 19 00-0051	EA	37.5 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	23,434.70	649.18
26 12 19 00-0052	EA	50 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	26,976.95	879.09
26 12 19 00-0053	EA	100 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	48,878.42	1,352.45
26 12 19 00-0054	EA	167 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	68,179.82	1,352.45
26 12 19 00-0055	EA	250 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	91,732.94	1,690.56
26 12 19 00-0056		**7.2 KV Primary, 240/480 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0057	EA	10 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	14,159.84	459.83
26 12 19 00-0058	EA	15 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,447.07	459.83
26 12 19 00-0059	EA	25 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,250.34	649.18
26 12 19 00-0060	EA	37.5 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	23,434.70	649.18
26 12 19 00-0061	EA	50 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	26,976.95	879.09
26 12 19 00-0062	EA	75 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	41,982.14	1,190.16
26 12 19 00-0063	EA	100 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	48,878.42	1,190.16
26 12 19 00-0064	EA	167 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	68,179.82	1,501.22
26 12 19 00-0065	EA	250 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	91,732.94	1,690.56
26 12 19 00-0066		**2.4 KV Primary, 277 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0067	EA	10 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,611.52	459.83
26 12 19 00-0068	EA	15 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	17,028.64	459.83
26 12 19 00-0069	EA	25 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	20,126.03	649.18
26 12 19 00-0070	EA	37.5 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	25,830.83	649.18
26 12 19 00-0071	EA	50 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	29,731.35	879.09
26 12 19 00-0072	EA	75 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	46,124.74	1,190.16
26 12 19 00-0073	EA	100 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	53,951.49	1,190.16
26 12 19 00-0074	EA	167 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	75,300.30	1,501.22
26 12 19 00-0075	EA	250 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	101,385.59	1,690.56
26 12 19 00-0076		**2.4 KV Primary, 120/240 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0077	EA	10 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	14,159.84	459.83
26 12 19 00-0078	EA	15 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,446.60	459.83
26 12 19 00-0079	EA	25 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,250.34	883.28
26 12 19 00-0080	EA	37.5 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	23,434.70	1,190.16
26 12 19 00-0081	EA	50 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	26,976.95	879.09
26 12 19 00-0082	EA	75 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	41,794.60	1,190.16
26 12 19 00-0083	EA	100 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	48,868.94	1,190.16
26 12 19 00-0084		**2.4 KV Primary, 240/480 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0085	EA	10 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	14,159.84	459.83
26 12 19 00-0086	EA	15 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,446.60	459.83
26 12 19 00-0087	EA	25 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,250.34	649.18
26 12 19 00-0088	EA	37.5 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	23,434.70	649.18
26 12 19 00-0089	EA	50 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	26,976.95	879.09
26 12 19 00-0090	EA	75 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	41,794.60	1,190.16
26 12 19 00-0091	EA	100 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	48,868.94	1,190.16
26 12 19 00-0092		**2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0093	EA	10 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	11,903.54	473.36
26 12 19 00-0094	EA	15 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	12,898.32	527.45
26 12 19 00-0095	EA	25 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,790.26	581.55
26 12 19 00-0096	EA	37 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	19,959.27	811.47
26 12 19 00-0097	EA	50 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	22,170.21	946.71
26 12 19 00-0098	EA	75 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	31,021.26	1,109.01

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0099	EA	100 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	37,458.15	1,271.30
26 12 19 00-0100	EA	167 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	59,347.71	1,622.94
26 12 19 00-0101	EA	250 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	82,815.42	1,825.81

26 13 Medium-Voltage Switchgear *(26 10)*

26 13 16 Medium-Voltage Fusible Interrupter Switchgear *(26 13)*

26 13 16 00-0001 "Switchyard", Substation Secondary Distribution Section *(26 13 16)*
Note: Medium voltage, metal clad switchgear, 3 phase, 3 wire with ground. Includes breaker element, housing, control switch two lamps - 3 cable terminals.

26 13 16 00-0002 4.16 Or 4.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

26 13 16 00-0003	EA	1,200 Amperes, 75 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	13,660.42	1,406.55
		For Weatherproofing, Add	*2,808.06*	
26 13 16 00-0004	EA	1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	14,323.11	1,406.55
		For Weatherproofing, Add	*2,953.85*	
26 13 16 00-0005	EA	1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	19,464.58	1,791.99
		For Weatherproofing, Add	*4,044.94*	
26 13 16 00-0006	EA	2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	26,439.45	1,791.99
		For Weatherproofing, Add	*5,549.25*	
26 13 16 00-0007	EA	2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	37,775.45	2,163.92
		For Weatherproofing, Add	*8,007.16*	
26 13 16 00-0008	EA	3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	34,537.19	2,163.92
		For Weatherproofing, Add	*7,279.42*	

26 13 16 00-0009 7.2 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

26 13 16 00-0010	EA	1,200 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	20,268.19	1,622.94
		For Weatherproofing, Add	*4,241.37*	
26 13 16 00-0011	EA	2,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	24,914.71	2,028.68
		For Weatherproofing, Add	*5,196.94*	
26 13 16 00-0012	EA	3,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	34,929.20	2,434.41
		For Weatherproofing, Add	*7,352.24*	

26 13 16 00-0013 13.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

26 13 16 00-0014	EA	1,200 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	19,585.55	1,622.94
		For Weatherproofing, Add	*4,073.32*	
26 13 16 00-0015	EA	1,200 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	26,888.17	1,622.94
		For Weatherproofing, Add	*5,640.99*	
26 13 16 00-0016	EA	1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	39,153.89	2,163.92
		For Weatherproofing, Add	*8,295.10*	
26 13 16 00-0017	EA	2,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	24,645.44	2,163.92
		For Weatherproofing, Add	*5,121.45*	
26 13 16 00-0018	EA	2,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	35,641.16	2,704.90
		For Weatherproofing, Add	*7,501.73*	
26 13 16 00-0019	EA	2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	49,732.35	2,704.90
		For Weatherproofing, Add	*10,560.91*	
26 13 16 00-0020	EA	3,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	34,351.47	2,704.90
		For Weatherproofing, Add	*7,206.69*	
26 13 16 00-0021	EA	3,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	47,486.35	2,704.90
		For Weatherproofing, Add	*10,057.40*	
26 13 16 00-0022	EA	3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	61,432.52	2,704.90
		For Weatherproofing, Add	*13,088.71*	

26 13 16 00-0023 4.16 Or 4.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

26 13 16 00-0024	EA	1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,186.78	885.85
		For Weatherproofing, Add	*1,236.85*	
26 13 16 00-0025	EA	1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	7,983.36	885.85
		For Weatherproofing, Add	*1,632.10*	
26 13 16 00-0026	EA	2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,705.02	1,176.63
		For Weatherproofing, Add	*1,750.74*	
26 13 16 00-0027	EA	2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	10,786.91	1,453.89
		For Weatherproofing, Add	*2,169.53*	
26 13 16 00-0028	EA	3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	14,423.04	1,453.89
		For Weatherproofing, Add	*2,969.47*	

26 13 16 00-0029 7.2 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 16 00-0030	EA	1,200 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	7,802.62	1,352.45
		For Weatherproofing, Add	*1,575.06*	
26 13 16 00-0031	EA	2,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	10,203.18	1,352.45
		For Weatherproofing, Add	*2,063.34*	
26 13 16 00-0032	EA	3,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	15,476.81	1,352.45
		For Weatherproofing, Add	*3,184.22*	

26 13 16 00-0033 13.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

26 13 16 00-0034	EA	1,200 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,069.43	1,149.58
		For Weatherproofing, Add	*1,615.09*	
26 13 16 00-0035	EA	1,200 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,589.38	1,149.58
		For Weatherproofing, Add	*1,729.47*	
26 13 16 00-0036	EA	1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	12,259.87	1,420.07
		For Weatherproofing, Add	*2,497.44*	
26 13 16 00-0037	EA	2,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	11,027.56	1,704.09
		For Weatherproofing, Add	*2,186.99*	
26 13 16 00-0038	EA	2,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	13,477.79	1,704.09
		For Weatherproofing, Add	*2,726.04*	
26 13 16 00-0039	EA	2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	15,504.08	1,988.10
		For Weatherproofing, Add	*3,131.63*	
26 13 16 00-0040	EA	3,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	14,616.21	2,272.11
		For Weatherproofing, Add	*2,896.81*	
26 13 16 00-0041	EA	3,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	16,295.18	2,272.11
		For Weatherproofing, Add	*3,266.18*	
26 13 16 00-0042	EA	3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	20,021.03	2,542.60
		For Weatherproofing, Add	*4,046.02*	

26 13 16 00-0043 Accessories For Substation Secondary Distribution Sections *(26 13 16 00-0001)*

26 13 16 00-0044	EA	1,200 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section	3,995.49	857.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*514.24*	
26 13 16 00-0045	EA	2,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section	4,966.85	951.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*570.65*	
26 13 16 00-0046	EA	3,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section	6,460.58	1,144.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*686.52*	
26 13 16 00-0047	EA	3-Phase Pothead Termination Accessories, Secondary Distribution Section	4,317.40	1,720.72
26 13 16 00-0048	EA	5 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	4,751.29	110.50
26 13 16 00-0049	EA	5 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	6,338.28	110.50
26 13 16 00-0050	EA	5 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	11,587.04	110.50
26 13 16 00-0051	EA	15 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	9,111.18	110.50
26 13 16 00-0052	EA	15 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	9,944.26	110.50
26 13 16 00-0053	EA	15 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	13,527.62	110.50
26 13 16 00-0054	EA	6 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	2,165.36	110.50
26 13 16 00-0055	EA	9 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	2,444.31	110.50
26 13 16 00-0056	EA	15 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	3,700.33	110.50
26 13 16 00-0057	EA	Overcurrent Phase Protection, Time And Instantaneous Device 67	2,377.21	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 13 16 00-0058	EA	AC Ammeter With Switch	944.77	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 13 16 00-0059	EA	AC Voltmeter With Switch And Potential Transformer	944.77	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 13 16 00-0060	EA	Indicating Wattmeter	1,385.06	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 13 16 00-0061	EA	Indicating Varmeter	1,629.32	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 13 16 00-0062	EA	Indicating Watt-hour Meter, 2 Element	1,032.22	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 13 16 00-0063	EA	Ground Protection, Time Or Instantaneous Device 67N	2,748.77	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 13 16 00-0064	EA	Differential Generator Protection Single Phase NEMA Device 87	4,493.45	110.50
26 13 16 00-0065	EA	Current Transformers 5 And 15 KV Single Secondary	648.48	110.50
26 13 16 00-0066	EA	Potential Transformers 5 KV And 15 KV With Primary Fuses	3,006.73	110.50

26 13 19 Medium-Voltage Vacuum Interrupter Switchgear *(26 13)*

26 13 19 00-0001 Vacuum Circuit Breakers 13.8 KV *(26 13 19)*

26 13 19 00-0002	EA	1,200 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	48,590.91	1,690.56
26 13 19 00-0003	EA	1,200 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	53,685.44	2,136.87
26 13 19 00-0004	EA	1,200 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	60,963.03	2,136.87
26 13 19 00-0005	EA	2,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	55,636.80	1,690.56
26 13 19 00-0006	EA	2,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	62,535.24	1,690.56
26 13 19 00-0007	EA	2,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	71,286.99	1,988.10
26 13 19 00-0008	EA	3,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	73,608.57	2,272.11
26 13 19 00-0009	EA	3,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	80,542.05	2,272.11
26 13 19 00-0010	EA	3,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	88,022.61	2,556.13

26 13 29 Medium-Voltage Compartmentalized Switchgear *(26 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 29 00-0001		**Substation Secondary Distribution Section** *(26 13 29)* Note: Low voltage drawout switchgear 277/480 volt, 3 phase 4 wire.		
26 13 29 00-0002		**Switchgear Compartment Complete With Air Circuit Breaker** *(26 13 29 00-0001)* Note: With solid state long - time and instantaneous trips.		
26 13 29 00-0003	EA	800 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-206	15,501.07	1,072.15
26 13 29 00-0004	EA	1,600 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-416	24,554.10	1,620.99
26 13 29 00-0005	EA	2,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-420	33,250.55	1,991.14
26 13 29 00-0006	EA	3,200 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-632	55,073.59	2,310.24
26 13 29 00-0007	EA	4,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-840	70,742.34	2,629.33
26 13 29 00-0008		**Switchgear Compartment Without Circuit Breaker** *(26 13 29 00-0001)*		
26 13 29 00-0009	EA	800 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,864.76	325.47
26 13 29 00-0010	EA	1,600 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	7,932.21	325.47
26 13 29 00-0011	EA	2,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	10,377.20	478.64
26 13 29 00-0012	EA	3,200 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	14,806.80	478.64
26 13 29 00-0013	EA	4,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	24,697.10	702.00
26 13 29 00-0014		**Switchgear Compartment, Blank, Use As Filler Or Metering** *(26 13 29 00-0001)* Note: No provisions for future breaker.		
26 13 29 00-0015	EA	600 To 2,000 Amperes, Blank Section Filler, Secondary Distribution Section	6,477.32	363.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*208.00*	
26 13 29 00-0016	EA	3,000 Amperes, Blank Section Filler, Secondary Distribution Section	8,134.51	363.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*244.18*	
26 13 29 00-0017	EA	4,000 Amperes, Blank Section Filler, Secondary Distribution Section	10,558.13	561.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*351.00*	
26 13 29 00-0018		**Accessories For Substation Secondary Distribution** *(26 13 29 00-0001)*		
26 13 29 00-0019	EA	Short Time Delay Accessories, Secondary Distribution Section	3,600.59	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 13 29 00-0020	EA	Key Interlock Accessories, Secondary Distribution Section	2,788.88	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 13 29 00-0021	EA	Ammeter And Switch Complete Accessories, Secondary Distribution Section	8,960.95	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 13 29 00-0022	EA	Voltmeter And Switch Complete Accessories, Secondary Distribution Section	8,960.95	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 13 29 00-0023	EA	Wattmeter - Complete Accessories, Secondary Distribution Section	11,870.86	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 13 29 00-0024	EA	Watt-hour Meter - Complete Accessories, Secondary Distribution Section	15,393.38	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 13 29 00-0025	EA	Circuit Breaker Lifting Device Accessories, Secondary Distribution Section	6,628.26	126.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.60*	
26 13 29 00-0026	EA	Weatherproofing, Per Vertical Section Accessories, Secondary Distribution Section	19,426.21	1,866.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,119.94*	
26 13 29 00-0027	EA	Current Transformer, Single Section 5 To 800 Single Secondary 5 To 800	4,029.42	110.50
26 13 29 00-0028	EA	Potential Transformers Each With Fuses Accessories, Secondary Distribution Section	4,742.43	110.50
26 13 29 00-0029	EA	Shunt Trip And Auxiliary Switch Accessories, Secondary Distribution Section	2,535.42	55.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.15*	
26 13 29 00-0030	EA	3 Current Limiting Fuses 15 KV Accessories, Secondary Distribution Section	19,349.83	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 13 29 00-0031	EA	3 Phase Surge Capacitors 15 KV Accessories, Secondary Distribution Section	2,412.90	55.25

26 18 Medium-Voltage Circuit Protection Devices *(26 10)*

26 18 36 Medium-Voltage Enclosed Fuses *(26 18)*

26 18 36 00-0001		**Sectionalizing Switch** *(26 18 36)*		
26 18 36 00-0002		**Pad Mounted Metal Enclosed Oil Filled Switching Units** *(26 18 36 00-0001)* Note: 15 KV - 25 KV.		
26 18 36 00-0003		**Sectionalizing Tapping And Fusing Underground Feeders** *(26 18 36 00-0002)* Note: 200 Amp replaceable bushing wells recessed locking assembly oil level and oil fill plugs.		
26 18 36 00-0004	EA	3 Phase, 1 Switch Up And 2 Switch Downstream Tapping And Fusing Underground	59,065.34	926.06
26 18 36 00-0005	EA	3 Phase, 2 Switch Up And 2 Switch Downstream Tapping And Fusing Underground	66,432.45	926.06

26 19 High-Voltage Circuit Protection *(26 10)*

26 19 18 Protection Devices *(26 19)*

26 19 18 00-0001		**Primary Fuse Cutouts** *(26 19 18)* Note: Interrupting rating RMS, amperes - 25,000 symmetric and 40,000 asymmetric.		
26 19 18 00-0002		**Non-Loadbreak Current Limiting Primary Fuse Cutouts** *(26 19 18 00-0001)* Note: Includes the fuse and cut-out switch.		
26 19 18 00-0003		**8.3 KV-95 KV-BIL Non-Loadbreak Current Limiting** *(26 19 18 00-0002)*		
26 19 18 00-0004	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	744.33	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 19 18 00-0005	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	879.57	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.87*	
26 19 18 00-0006	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	1,014.37	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*243.31*	
26 19 18 00-0007	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	1,033.80	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*243.45*	
26 19 18 00-0008	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	1,033.80	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*243.45*	
26 19 18 00-0009		**17.1 KV-95 KV-BIL Non-Loadbreak Current Limiting** *(26 19 18 00-0002)*		
26 19 18 00-0010	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Non-Loadbreak Current Limiting	744.33	270.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.29*	
26 19 18 00-0011		**17.1 KV-125 KV-BIL Non-Loadbreak Current Limiting** *(26 19 18 00-0002)*		
26 19 18 00-0012	EA	15 A Primary Fuse Cutout 17.1 KV - 125 KV Non-Loadbreak Current Limiting	769.98	270.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.29*	
26 19 18 00-0013		**Fuseholders** *(26 19 18 00-0002)*		
		Note: Including current limiting fuse.		
26 19 18 00-0014	EA	15 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	636.24	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.29*	
26 19 18 00-0015	EA	25 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	771.48	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.87*	
26 19 18 00-0016	EA	40 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	906.28	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*243.31*	
26 19 18 00-0017	EA	100 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	645.12	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.29*	
26 19 18 00-0018	EA	200 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	780.36	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.87*	
26 19 18 00-0019	EA	15 A 17.1 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	636.24	270.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.29*	
26 19 18 00-0020		**Accessories** *(26 19 18 00-0002)*		
26 19 18 00-0021	EA	Hot Line Clamp	94.09	30.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.29*	
26 19 18 00-0022	EA	Stirrup	102.23	30.43
26 19 18 00-0023		**Loadbreak Current Limiting Primary Fuse Cutouts** *(26 19 18 00-0001)*		
		Note: Includes fuse, cutout switch, crossarm mounting bracket and fuse holder.		
26 19 18 00-0024		**8.3 KV-95 KV BIL Loadbreak Current Limiting** *(26 19 18 00-0023)*		
26 19 18 00-0025	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	944.01	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.29*	
26 19 18 00-0026	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,079.25	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.87*	
26 19 18 00-0027	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,214.05	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*243.31*	
26 19 18 00-0028	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,252.10	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*243.45*	
26 19 18 00-0029	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,252.10	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*243.45*	
26 19 18 00-0030		**17.1 KV-95 KV BIL Loadbreak Current Limiting** *(26 19 18 00-0023)*		
26 19 18 00-0031	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Loadbreak Current Limiting	944.01	270.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.29*	
26 19 18 00-0032		**17.1 KV-125 KV BIL Loadbreak Current Limiting** *(26 19 18 00-0023)*		
26 19 18 00-0033	EA	15 A Primary Fuse Cutout 17.1 KV - 125 KV Loadbreak Current Limiting	944.01	270.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.29*	
26 19 18 00-0034		**Fuseholders** *(26 19 18 00-0023)*		
		Note: Includes current limiting fuses.		
26 19 18 00-0035	EA	15 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	645.40	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.29*	
26 19 18 00-0036	EA	25 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	780.64	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.87*	
26 19 18 00-0037	EA	40 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	915.44	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*243.31*	
26 19 18 00-0038	EA	15 Amperes, 17.1 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	645.40	338.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.29*	
26 19 18 00-0039		**Pole Mounted Capacitors** *(26 19 18 00-0023)*		
26 19 18 00-0040	EA	Capacitors - Pole Mounted 6 KVAR	1,683.45	272.66

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 19 80			**Transmission and Distribution Accessories** *(26 19)*		
26 19 80 60			**Structure Assemblies** *(26 19 80)*		
26 19 80 60-0001			Pole Structure Assemblies *(26 19 80 60)*		
26 19 80 60-0002			5 KV Pole Structure Assemblies *(26 19 80 60-0001)*		
			Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 19 80 60-0003		EA	Type OH-1, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	550.65	256.96
26 19 80 60-0004		EA	Type OH-2, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	920.44	432.79
26 19 80 60-0005		EA	Type OH-3, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,036.18	338.12
26 19 80 60-0006		EA	Type OH-4, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	589.97	175.82
26 19 80 60-0007		EA	Type OH-5, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	750.49	243.44
26 19 80 60-0008		EA	Type OH-6, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,317.78	486.88
26 19 80 60-0009		EA	Type OH-7, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,032.36	365.16
26 19 80 60-0010		EA	Type OH-8, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,892.87	730.32
26 19 80 60-0011		EA	Type OH-9, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,150.30	825.00
26 19 80 60-0012		EA	Type OH-10, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,171.40	405.73
26 19 80 60-0013		EA	Type OH-11, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,001.05	432.79
26 19 80 60-0014		EA	Type OH-12, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,885.75	879.09
26 19 80 60-0015		EA	Type OH-13, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,426.32	527.45
26 19 80 60-0016		EA	Type OH-14, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	894.26	378.69
26 19 80 60-0017		EA	Type OH-15, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,686.80	770.90
26 19 80 60-0018		EA	Type OH-16, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,314.82	392.21
26 19 80 60-0019			15 KV Pole Structure Assemblies *(26 19 80 60-0001)*		
			Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 19 80 60-0020		EA	Type OH-1, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	576.30	256.96
26 19 80 60-0021		EA	Type OH-2, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	957.08	432.79
26 19 80 60-0022		EA	Type OH-3, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,160.75	338.12
26 19 80 60-0023		EA	Type OH-4, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	633.94	175.82
26 19 80 60-0024		EA	Type OH-5, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	812.77	229.92
26 19 80 60-0025		EA	Type OH-6, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,442.35	486.88
26 19 80 60-0026		EA	Type OH-7, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,123.95	365.16
26 19 80 60-0027		EA	Type OH-8, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,079.73	730.32
26 19 80 60-0028		EA	Type OH-9, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,403.11	825.00
26 19 80 60-0029		EA	Type OH-10, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,295.97	405.73
26 19 80 60-0030		EA	Type OH-11, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,048.67	432.79
26 19 80 60-0031		EA	Type OH-12, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,933.37	879.09
26 19 80 60-0032		EA	Type OH-13, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,521.58	527.45
26 19 80 60-0033		EA	Type OH-14, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	941.88	365.16
26 19 80 60-0034		EA	Type OH-15, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,734.42	770.90
26 19 80 60-0035		EA	Type OH-16, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,410.08	473.36
26 19 80 60-0036			25 KV Pole Structure Assemblies *(26 19 80 60-0001)*		
			Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 19 80 60-0037		EA	Type OH-3, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,731.98	405.73
26 19 80 60-0038		EA	Type OH-4, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,057.33	202.87
26 19 80 60-0039		EA	Type OH-5, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,533.85	311.06
26 19 80 60-0040		EA	Type OH-6, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,033.68	635.65
26 19 80 60-0041		EA	Type OH-7, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,929.31	473.36
26 19 80 60-0042		EA	Type OH-8, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	3,126.94	933.19
26 19 80 60-0043		EA	Type OH-9, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,993.02	1,054.91
26 19 80 60-0044		EA	Type OH-13, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,092.30	615.36
26 19 80 60-0045		EA	Type OH-16, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,824.56	615.36
26 19 80 60-0046			50 KV Pole Structure Assemblies *(26 19 80 60-0001)*		
			Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 19 80 60-0047		EA	Type OH-3, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,326.90	554.51
26 19 80 60-0048		EA	Type OH-4, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,264.62	284.02
26 19 80 60-0049		EA	Type OH-5, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,608.77	446.31
26 19 80 60-0050		EA	Type OH-6, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	3,027.03	906.14
26 19 80 60-0051		EA	Type OH-7, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,319.73	676.22
26 19 80 60-0052		EA	Type OH-8, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	4,459.93	1,352.45
26 19 80 60-0053		EA	Type OH-9, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	5,269.76	1,501.22
26 19 80 60-0054		EA	Type OH-10, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,684.28	730.32
26 19 80 60-0055		EA	Type OH-13, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,712.80	845.28
26 19 80 60-0056		EA	Type OH-16, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,613.36	797.95
26 19 80 60-0057			Overhead To Underground Conversion Structures *(26 19 80 60)*		
			Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination and neutral wire brackets. Excludes pole.		
26 19 80 60-0058			5 KV Structures *(26 19 80 60-0057)*		
			Note: Excludes pole.		
26 19 80 60-0059		EA	(3 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,608.12	2,704.90
26 19 80 60-0060		EA	(3 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,608.12	2,704.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 19 80 60-0061	EA	(4 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,608.12	2,704.90
26 19 80 60-0062	EA	(4 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,608.12	2,704.90
26 19 80 60-0063		15 KV Structures *(26 19 80 60-0057)*		
		Note: Excludes pole.		
26 19 80 60-0064	EA	(3 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,780.52	2,704.90
26 19 80 60-0065	EA	(3 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,780.52	2,704.90
26 19 80 60-0066	EA	(4 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,780.52	2,704.90
26 19 80 60-0067	EA	(4 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,780.52	2,704.90
26 19 80 60-0068		25 KV Structures *(26 19 80 60-0057)*		
		Note: Excludes pole.		
26 19 80 60-0069	EA	(3 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,968.58	2,704.90
26 19 80 60-0070	EA	(3 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,968.58	2,704.90
26 19 80 60-0071	EA	(4 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,968.58	2,704.90
26 19 80 60-0072	EA	(4 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,968.58	2,704.90
26 19 80 60-0073		Transformer Stations *(26 19 80 60)*		
		Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination, neutral wire brackets and transformer mounting bracket(s). Excludes pole and transformer.		
26 19 80 60-0074		5 KV Station *(26 19 80 60-0073)*		
26 19 80 60-0075	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	8,994.95	3,605.63
26 19 80 60-0076	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 5 KV Transformer Station Without Pole	10,082.99	4,057.35
26 19 80 60-0077	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	11,171.02	4,507.72
26 19 80 60-0078	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 5 KV Transformer Station Without Pole	11,171.02	4,507.72
26 19 80 60-0079	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 5 KV Transformer Station Without Pole	8,994.95	3,605.63
26 19 80 60-0080		15 KV Stations *(26 19 80 60-0073)*		
26 19 80 60-0081	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	9,261.42	3,604.61
26 19 80 60-0082	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 15 KV Transformer Station Without Pole	10,349.45	4,057.35
26 19 80 60-0083	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	11,437.48	4,507.72
26 19 80 60-0084	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 15 KV Transformer Station Without Pole	11,437.48	4,507.72
26 19 80 60-0085	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 15 KV Transformer Station Without Pole	9,261.42	3,605.63
26 19 80 60-0086		25 KV Stations *(26 19 80 60-0073)*		
26 19 80 60-0087	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	9,552.10	3,605.63
26 19 80 60-0088	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 25 KV Transformer Station Without Pole	10,640.14	4,057.35
26 19 80 60-0089	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	11,728.17	4,507.72
26 19 80 60-0090	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 25 KV Transformer Station Without Pole	11,728.17	4,507.72
26 19 80 60-0091	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 25 KV Transformer Station Without Pole	9,552.10	3,605.63
26 20		**Low-Voltage Electrical Distribution** *(26)*		
26 21		**Low-Voltage Electrical Service Entrance** *(26 20)*		
		See CSI section 26 05 13 00-0000 for wire and cables.		
26 21 13		**Low-Voltage Overhead Electrical Service Entrance** *(26 21)*		
26 21 13 00-0001		Service Drop Cable And Weatherheads *(26 21 13)*		
26 21 13 00-0002		600 Volt Insulated Stranded Conductors *(26 21 13 00-0001)*		
26 21 13 00-0003		Aluminum Duplex ACSR Neutral *(26 21 13 00-0002)*		
26 21 13 00-0004	LF	#6 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable	8.96	3.22
26 21 13 00-0005	LF	#4 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable	10.92	3.81
26 21 13 00-0006	LF	#2 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable	13.18	4.30
26 21 13 00-0007	LF	1/0 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable	18.04	5.41
26 21 13 00-0008		Aluminum Triplex ACSR Neutral *(26 21 13 00-0002)*		
26 21 13 00-0009	LF	#6 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	11.13	3.81
26 21 13 00-0010	LF	#4 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	12.90	4.30
26 21 13 00-0011	LF	#2 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	16.44	5.41
26 21 13 00-0012	LF	1/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	20.92	6.60
26 21 13 00-0013	LF	2/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	27.09	8.73
26 21 13 00-0014	LF	4/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	35.04	10.82
26 21 13 00-0015	LF	336 MCM, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	49.24	12.88
26 21 13 00-0016		Aluminum Quadruplex ACSR Neutral *(26 21 13 00-0002)*		
26 21 13 00-0017	LF	#6 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	12.95	4.30
26 21 13 00-0018	LF	#4 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	16.43	5.41
26 21 13 00-0019	LF	#2 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	21.30	6.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 21 13 00-0020	LF	1/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	28.35	8.73
26 21 13 00-0021	LF	2/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	31.66	9.66
26 21 13 00-0022	LF	3/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	37.14	10.82
26 21 13 00-0023	LF	4/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	43.47	12.88
26 21 13 00-0024	LF	336 MCM, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	57.16	14.23

26 21 13 00-0025 Weatherproof Conduit Hubs *(26 21 13 00-0002)*

26 21 13 00-0026	EA	1/2" Weatherproof Conduit Hubs	56.09	21.29
26 21 13 00-0027	EA	3/4" Weatherproof Conduit Hubs	63.99	24.19
26 21 13 00-0028	EA	1" Weatherproof Conduit Hubs	74.34	27.09
26 21 13 00-0029	EA	1-1/4" Weatherproof Conduit Hubs	103.71	36.29
26 21 13 00-0030	EA	1-1/2" Weatherproof Conduit Hubs	114.07	39.19
26 21 13 00-0031	EA	2" Weatherproof Conduit Hubs	147.44	45.48
26 21 13 00-0032	EA	2-1/2" Weatherproof Conduit Hubs	193.76	51.28
26 21 13 00-0033	EA	3" Weatherproof Conduit Hubs	250.30	60.47
26 21 13 00-0034	EA	4" Weatherproof Conduit Hubs	443.14	120.96

26 21 13 00-0035 Service Entrance Cap, Threaded Weatherhead, Galvanized *(26 21 13 00-0002)*

26 21 13 00-0036	EA	1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #14 Through #10 AWG Cable Service	62.52	21.29
26 21 13 00-0037	EA	3/4" Galvanized Threaded Service Entrance Weatherhead Cap For #12 Through #8 AWG Cable Service	71.69	24.19
26 21 13 00-0038	EA	1" Galvanized Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	82.05	27.09
26 21 13 00-0039	EA	1-1/4" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service	110.25	36.29
26 21 13 00-0040	EA	1-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service	124.60	39.19
26 21 13 00-0041	EA	2" Galvanized Threaded Service Entrance Weatherhead Cap For 1/0 Through 2/0 AWG Cable Service	163.42	45.48
26 21 13 00-0042	EA	2-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For 3/0 Through 4/0 Cable Service	273.74	51.28
26 21 13 00-0043	EA	3" Galvanized Threaded Service Entrance Weatherhead Cap For 250 Through 350 MCM Cable Service	311.72	60.47
26 21 13 00-0044	EA	4" Galvanized Threaded Service Entrance Weatherhead Cap For 600 Through 750 MCM Cable Service	513.55	120.96

26 21 13 00-0045 Service Entrance Cap, Clamp-On Weatherhead, Aluminum *(26 21 13 00-0002)*

26 21 13 00-0046	EA	1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service	60.49	21.29
26 21 13 00-0047	EA	3/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service	68.27	24.19
26 21 13 00-0048	EA	1" Aluminum Clamp-On Service Entrance Weatherhead Cap For #6 AWG Cable Service	77.43	26.97
26 21 13 00-0049	EA	1-1/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	102.95	36.29
26 21 13 00-0050	EA	1-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	114.74	39.19
26 21 13 00-0051	EA	2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service	135.24	45.48
26 21 13 00-0052	EA	2-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service	220.89	51.28
26 21 13 00-0053	EA	3" Aluminum Clamp-On Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service	285.14	60.47
26 21 13 00-0054	EA	3-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service	401.69	90.71
26 21 13 00-0055	EA	4" Aluminum Clamp-On Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service	481.91	120.96

26 21 13 00-0056 Service Entrance Cap, Threaded Weatherhead, Polyvinyl Chloride (PVC) *(26 21 13 00-0002)*

26 21 13 00-0057	EA	1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service	58.55	21.29
26 21 13 00-0058	EA	3/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service	67.00	24.19
26 21 13 00-0059	EA	1" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	76.13	26.97
26 21 13 00-0060	EA	1-1/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	101.40	36.29
26 21 13 00-0061	EA	1-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	110.49	39.19
26 21 13 00-0062	EA	2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service	135.80	45.48
26 21 13 00-0063	EA	2-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service	230.00	51.28
26 21 13 00-0064	EA	3" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service	257.38	60.47
26 21 13 00-0065	EA	3-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service	443.83	90.71
26 21 13 00-0066	EA	4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service	615.27	120.96

26 21 16 Low-Voltage Underground Electrical Service Entrance *(26 21)*

26 21 16 00-0001 Aluminum Triplex For Underground Service, Direct Burial *(26 21 16)*

Note: Excludes excavation and backfill.

26 21 16 00-0002	MLF	#6 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	4,929.28	1,202.19
26 21 16 00-0003	MLF	#4 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	5,739.25	1,272.92
26 21 16 00-0004	MLF	#2 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	6,926.93	1,352.45
26 21 16 00-0005	MLF	1/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	8,446.35	1,352.45
26 21 16 00-0006	MLF	2/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	9,461.13	1,442.66
26 21 16 00-0007	MLF	3/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	11,286.93	1,664.59
26 21 16 00-0008	MLF	4/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	13,718.91	2,163.92

26 22 Low-Voltage Transformers *(26 20)*

26 22 13 Low-Voltage Distribution Transformers *(26 22)*

26 22 13 00-0001 Single Phase General Purpose "Dry Type" Transformers *(26 22 13)*

Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor Use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0002		**480 Volt, 120/240 Volt, General Purpose Dry Type Transformers** *(26 22 13 00-0001)*		
		Note: 2-2.5 Percent taps above and 4-2.5 percent taps below.		
26 22 13 00-0003	EA	1 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,127.11	310.54
26 22 13 00-0004	EA	3 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,515.66	372.65
26 22 13 00-0005	EA	5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,878.06	388.79
26 22 13 00-0006	EA	7.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	2,243.60	403.70
26 22 13 00-0007	EA	10 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	3,120.71	434.75
26 22 13 00-0008	EA	15 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	3,695.18	465.81
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*138.18*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*207.27*	
26 22 13 00-0009	EA	25 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	4,043.99	496.86
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*152.51*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*228.77*	
26 22 13 00-0010	EA	37.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	3,961.41	558.97
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*142.17*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*213.26*	
26 22 13 00-0011	EA	50 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	4,702.13	621.08
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*173.00*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*259.50*	
26 22 13 00-0012	EA	75 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	6,180.62	745.29
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*234.50*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*351.75*	
26 22 13 00-0013	EA	100 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	7,804.89	869.51
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*303.29*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*454.94*	
26 22 13 00-0014	EA	167 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	12,297.25	1,117.95
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*503.07*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*754.60*	
26 22 13 00-0015	EA	250 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	21,820.13	1,366.37
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*954.37*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,431.55*	
26 22 13 00-0016	EA	333 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	33,900.06	1,552.70
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,539.73*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,309.60*	
26 22 13 00-0017		**240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers** *(26 22 13 00-0001)*		
		Note: 1-10 Percent x 2-5 percent FCBN taps.		
26 22 13 00-0018	EA	3 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,280.16	372.65
26 22 13 00-0019	EA	5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,500.69	388.17
26 22 13 00-0020	EA	7.5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,821.77	403.70
26 22 13 00-0021	EA	10 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	2,128.75	434.75
26 22 13 00-0022		**240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers** *(26 22 13 00-0001)*		
		Note: 2-5 Percent x 4 - 2.5 percent FCBN taps.		
26 22 13 00-0023	EA	15 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	3,695.18	465.81
26 22 13 00-0024	EA	25 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	4,043.99	496.86
26 22 13 00-0025		**1 Phase Mounting Brackets** *(26 22 13 00-0001)*		
26 22 13 00-0026	EA	1 Phase Mounting Brackets (Set Of 2) For Transformers Up To 100 KVA	607.97	221.01
26 22 13 00-0027		**1 Phase Weathershields** *(26 22 13 00-0001)*		
		Note: Use with types DT-3 and DS-3.		
26 22 13 00-0028	EA	37.5 KVA 1 Phase Weathershields, Set Of 2	99.55	
26 22 13 00-0029	EA	50 KVA 1 Phase Weathershields, Set Of 2	126.90	
26 22 13 00-0030	EA	75 KVA 1 Phase Weathershields, Set Of 2	151.32	
26 22 13 00-0031	EA	100 KVA 1 Phase Weathershields, Set Of 2	180.52	
26 22 13 00-0032	EA	167 KVA 1 Phase Weathershields, Set Of 2	244.23	
26 22 13 00-0033	EA	250 KVA 1 Phase Weathershields, Set Of 2	292.02	
26 22 13 00-0034	EA	333 KVA 1 Phase Weathershields, Set Of 2	358.39	
26 22 13 00-0035		**Packaged Power Supply** *(26 22 13 00-0001)*		
		Note: 2-5 Percent FCBN taps.		
26 22 13 00-0036	EA	5 KVA, 480 Volt - 120/240 Volt, Transformer With 6 - 1 Pole / 3 - 2 Pole Max 20 Amperes Breakers	2,239.92	388.17
26 22 13 00-0037	EA	7.5 KVA, 480 Volt - 120/240 Volt, Transformer With 8 - 1 Pole / 4 - 2 Pole Max 30 Amperes Breakers	2,518.73	403.70
26 22 13 00-0038	EA	10 KVA, 480 Volt - 120/240 Volt, Transformer With 10 - 1 Pole / 5 - 2 Pole Max 40 Amperes Breakers	2,728.42	434.75
26 22 13 00-0039	EA	15 KVA, 480 Volt - 120/240 Volt, Transformer With 16 - 1 Pole / 8 - 2 Pole Max 60 Amperes Breakers	3,344.28	465.81
26 22 13 00-0040	EA	25 KVA, 480 Volt - 120/240 Volt, Transformer With 24 - 1 Pole / 12 - 2 Pole Max 100 Amperes Breakers	4,592.41	496.86
26 22 13 00-0041		**240 Volt, 120/240 Volt, Single Phase Isolation Transformer Computer Grade** *(26 22 13 00-0001)*		
26 22 13 00-0042	EA	0.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	1,660.68	279.49
26 22 13 00-0043	EA	1 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	2,333.37	310.54
26 22 13 00-0044	EA	2.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	2,723.05	372.65
26 22 13 00-0045	EA	5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	3,006.31	388.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0046	EA	7.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	3,382.47	403.70
26 22 13 00-0047	EA	10 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	4,347.18	434.75
26 22 13 00-0048	EA	15 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	5,625.15	465.81
26 22 13 00-0049		**1 Phase, 208/600 Volt, Dry General Purpose Transformer** *(26 22 13 00-0001)*		
26 22 13 00-0050	EA	15 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	6,905.63	465.81
26 22 13 00-0051	EA	25 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	7,165.75	496.86
26 22 13 00-0052	EA	30 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	7,446.94	527.91
26 22 13 00-0053	EA	37.5 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	9,800.37	558.97
26 22 13 00-0054	EA	45 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	10,185.93	590.02
26 22 13 00-0055	EA	50 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	13,551.19	621.08
26 22 13 00-0056		**3 Phase General Purpose "Dry Type" Transformer** *(26 22 13)* Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.		
26 22 13 00-0057		**Packaged Power Supply** *(26 22 13 00-0056)* Note: 2-5 Percent FCBN taps.		
26 22 13 00-0058	EA	15 KVA, 480 Volt - 208/120 Volt, Transformer With 12 - 1 Pole / 4 - 3 Pole Max, 40 Amperes Breakers	9,685.83	1,335.32
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*350.76*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*526.14*	
26 22 13 00-0059	EA	22.5 KVA, 480 Volt - 208/120 Volt, Transformer With 18 - 1 Pole / 6 - 3 Pole Max, 60 Amperes Breakers	11,550.30	1,428.48
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*434.67*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*652.00*	
26 22 13 00-0060	EA	30 KVA, 480 Volt - 208/120 Volt, Transformer With 24 - 1 Pole / 8 - 3 Pole Max, 80 Amperes Breakers	13,772.00	1,552.70
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*533.33*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*800.00*	
26 22 13 00-0061		**Drive Isolation Transformers** *(26 22 13 00-0056)* Note: Only use in step-up applications.		
26 22 13 00-0062		**230 Volt Drive Isolation Transformers** *(26 22 13 00-0061)*		
26 22 13 00-0063	EA	7.5 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	7,202.65	496.86
26 22 13 00-0064	EA	11 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	8,426.03	527.91
26 22 13 00-0065	EA	15 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	8,720.40	558.97
26 22 13 00-0066	EA	20 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	10,290.60	590.02
26 22 13 00-0067	EA	27 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	10,653.26	652.13
26 22 13 00-0068	EA	34 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	11,712.69	714.24
26 22 13 00-0069	EA	40 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	13,242.82	776.35
26 22 13 00-0070	EA	51 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	15,407.95	869.51
26 22 13 00-0071	EA	63 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	16,674.68	900.57
26 22 13 00-0072	EA	75 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	19,248.23	931.62
26 22 13 00-0073	EA	93 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	24,212.43	962.68
26 22 13 00-0074	EA	118 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	27,183.41	1,180.05
26 22 13 00-0075	EA	145 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	30,320.74	1,242.16
26 22 13 00-0076	EA	175 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	34,733.91	1,304.26
26 22 13 00-0077	EA	220 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	42,368.71	1,552.70
26 22 13 00-0078	EA	275 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	56,132.10	1,832.19
26 22 13 00-0079	EA	330 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	59,248.44	2,018.50
26 22 13 00-0080	EA	440 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	72,153.68	2,235.89
26 22 13 00-0081	EA	550 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	89,056.96	2,484.32
26 22 13 00-0082		**208V Drive Isolation Transformers** *(26 22 13 00-0061)*		
26 22 13 00-0083	EA	7.5 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	7,518.69	496.86
26 22 13 00-0084	EA	11 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	8,801.18	527.91
26 22 13 00-0085	EA	15 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	9,107.36	558.97
26 22 13 00-0086	EA	20 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	10,754.33	590.02
26 22 13 00-0087	EA	27 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	11,129.12	652.13
26 22 13 00-0088	EA	30 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	12,174.04	683.19
26 22 13 00-0089	EA	45 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	13,899.95	807.40
26 22 13 00-0090	EA	51 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	16,103.70	869.51
26 22 13 00-0091	EA	63 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	17,431.74	900.57
26 22 13 00-0092	EA	75 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	20,133.12	931.62
26 22 13 00-0093	EA	93 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	25,346.85	962.68
26 22 13 00-0094	EA	118 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	28,446.91	1,180.05
26 22 13 00-0095	EA	145 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	31,737.61	1,242.16
26 22 13 00-0096	EA	175 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	36,369.10	1,304.26
26 22 13 00-0097	EA	220 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	44,367.22	1,552.70
26 22 13 00-0098		**480 Volt x 208Y/120 Volt, 2-2.5 Percent FCBN Taps** *(26 22 13 00-0056)*		
26 22 13 00-0099	EA	9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	5,070.45	512.39
26 22 13 00-0100	EA	15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	6,669.10	558.97
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*277.56*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*416.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0101		480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 4-2.5 Percent FCBN Taps *(26 22 13 00-0056)*		
26 22 13 00-0102	EA	30 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	7,464.16	683.19
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*304.89*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*457.33*	
		For K4 Factor Rating, Add	*4,268.45*	
		For K13 Factor Rating, Add	*6,097.79*	
		For K20 Factor Rating, Add	*7,927.13*	
26 22 13 00-0103	EA	37.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	9,027.80	745.29
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*376.86*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*565.29*	
		For K4 Factor Rating, Add	*5,276.05*	
		For K13 Factor Rating, Add	*7,537.21*	
		For K20 Factor Rating, Add	*9,798.37*	
26 22 13 00-0104	EA	45 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	9,432.81	807.40
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*390.90*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*586.35*	
		For K4 Factor Rating, Add	*5,472.60*	
		For K13 Factor Rating, Add	*7,818.00*	
		For K20 Factor Rating, Add	*10,163.40*	
26 22 13 00-0105	EA	50 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	12,424.50	869.51
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*534.27*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*801.41*	
		For K4 Factor Rating, Add	*7,479.83*	
		For K13 Factor Rating, Add	*10,685.47*	
		For K20 Factor Rating, Add	*13,891.11*	
26 22 13 00-0106	EA	75 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	12,237.22	931.62
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*518.70*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*778.05*	
		For K4 Factor Rating, Add	*7,261.79*	
		For K13 Factor Rating, Add	*10,373.98*	
		For K20 Factor Rating, Add	*13,486.17*	
26 22 13 00-0107	EA	112.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	15,240.88	1,117.95
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*650.25*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*975.37*	
		For K4 Factor Rating, Add	*9,103.49*	
		For K13 Factor Rating, Add	*13,004.99*	
		For K20 Factor Rating, Add	*16,906.49*	
26 22 13 00-0108	EA	150 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	19,828.48	1,242.16
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*867.21*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,300.81*	
		For K4 Factor Rating, Add	*12,140.91*	
		For K13 Factor Rating, Add	*17,344.16*	
		For K20 Factor Rating, Add	*22,547.41*	
26 22 13 00-0109	EA	225 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	27,069.60	1,552.70
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,198.21*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,797.32*	
		For K4 Factor Rating, Add	*16,774.94*	
		For K13 Factor Rating, Add	*23,964.20*	
		For K20 Factor Rating, Add	*31,153.46*	
26 22 13 00-0110	EA	300 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	32,989.38	1,925.34
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,456.93*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,185.40*	
		For K4 Factor Rating, Add	*20,397.08*	
		For K13 Factor Rating, Add	*29,138.69*	
		For K20 Factor Rating, Add	*37,880.30*	
26 22 13 00-0111	EA	500 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	47,389.10	2,360.10
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,133.44*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,200.17*	
		For K4 Factor Rating, Add	*29,868.22*	
		For K13 Factor Rating, Add	*42,668.89*	
		For K20 Factor Rating, Add	*55,469.56*	
26 22 13 00-0112	EA	750 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	109,793.11	2,839.91
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*5,203.96*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*7,805.94*	
		For K4 Factor Rating, Add	*72,855.43*	
		For K13 Factor Rating, Add	*104,079.18*	
		For K20 Factor Rating, Add	*135,302.93*	
26 22 13 00-0113	EA	1,000 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	144,778.71	3,105.40
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*6,928.40*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*10,392.59*	
		For K4 Factor Rating, Add	*96,997.54*	
		For K13 Factor Rating, Add	*138,567.91*	
		For K20 Factor Rating, Add	*180,138.28*	
26 22 13 00-0114		480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 2-2.5 Percent FCBN Taps *(26 22 13 00-0056)*		
26 22 13 00-0115	EA	6 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	4,115.85	481.33
		For K4 Factor Rating, Add	*2,207.22*	
		For K13 Factor Rating, Add	*3,153.17*	
		For K20 Factor Rating, Add	*4,099.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0116	EA	9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	5,070.45	512.39
		For K4 Factor Rating, Add	*2,831.97*	
		For K13 Factor Rating, Add	*4,045.67*	
		For K20 Factor Rating, Add	*5,259.37*	
26 22 13 00-0117	EA	15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	6,669.10	558.97
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*277.56*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*416.34*	
		For K4 Factor Rating, Add	*3,885.81*	
		For K13 Factor Rating, Add	*5,551.15*	
		For K20 Factor Rating, Add	*7,216.50*	
26 22 13 00-0118		480 Volt x 480Y/277 Volt, 2-2.5 Percent FCAN And 4 Percent FCBN Taps *(26 22 13 00-0056)*		
26 22 13 00-0119	EA	30 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	12,973.77	683.19
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*580.37*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*870.56*	
		For K4 Factor Rating, Add	*8,125.18*	
		For K13 Factor Rating, Add	*11,607.40*	
		For K20 Factor Rating, Add	*15,089.62*	
26 22 13 00-0120	EA	45 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	14,531.53	807.40
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*645.84*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*968.75*	
		For K4 Factor Rating, Add	*9,041.70*	
		For K13 Factor Rating, Add	*12,916.72*	
		For K20 Factor Rating, Add	*16,791.74*	
26 22 13 00-0121	EA	75 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	21,508.04	931.62
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*982.24*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,473.36*	
		For K4 Factor Rating, Add	*13,751.36*	
		For K13 Factor Rating, Add	*19,644.80*	
		For K20 Factor Rating, Add	*25,538.24*	
26 22 13 00-0122	EA	112.5 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	27,015.01	1,117.95
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,238.96*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,858.43*	
		For K4 Factor Rating, Add	*17,345.38*	
		For K13 Factor Rating, Add	*24,779.12*	
		For K20 Factor Rating, Add	*32,212.86*	
26 22 13 00-0123	EA	150 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	32,564.50	1,242.16
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,504.01*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,256.01*	
		For K4 Factor Rating, Add	*21,056.13*	
		For K13 Factor Rating, Add	*30,080.18*	
		For K20 Factor Rating, Add	*39,104.23*	
26 22 13 00-0124	EA	225 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	41,752.59	1,552.70
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,932.36*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,898.54*	
		For K4 Factor Rating, Add	*27,053.03*	
		For K13 Factor Rating, Add	*38,647.19*	
		For K20 Factor Rating, Add	*50,241.35*	
26 22 13 00-0125	EA	300 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	50,755.96	1,925.34
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,345.26*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,517.90*	
		For K4 Factor Rating, Add	*32,833.69*	
		For K13 Factor Rating, Add	*46,905.27*	
		For K20 Factor Rating, Add	*60,976.85*	
26 22 13 00-0126	EA	500 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	81,759.59	2,360.10
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*3,851.97*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*5,777.95*	
		For K4 Factor Rating, Add	*53,927.57*	
		For K13 Factor Rating, Add	*77,039.38*	
		For K20 Factor Rating, Add	*100,151.19*	
26 22 13 00-0127		3 Phase 60 Hz K20 Dry Type Transformers *(26 22 13 00-0056)*		
26 22 13 00-0128		3 Phase 60 Hz K20 Dry Type Transformers, 115 C Rise *(26 22 13 00-0127)*		
		Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0129	EA	15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	6,222.85	558.97
26 22 13 00-0130	EA	30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	9,452.81	683.19
26 22 13 00-0131	EA	45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	13,928.36	807.40
26 22 13 00-0132	EA	75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	17,825.25	931.62
26 22 13 00-0133	EA	112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	26,858.09	1,117.95
26 22 13 00-0134	EA	150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	32,701.80	1,242.16
26 22 13 00-0135	EA	225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	38,001.15	1,552.70
26 22 13 00-0136	EA	300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	60,509.70	1,925.34
26 22 13 00-0137		3 Phase 60 Hz K20 Dry Type Transformers, 80 C Rise *(26 22 13 00-0127)*		
		Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0138	EA	15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	7,247.75	558.97
26 22 13 00-0139	EA	30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	11,071.08	683.19
26 22 13 00-0140	EA	45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	16,390.09	807.40
26 22 13 00-0141	EA	75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	21,012.75	931.62
26 22 13 00-0142	EA	112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	31,781.55	1,117.95
26 22 13 00-0143	EA	150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	38,748.25	1,242.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0144	EA	225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	44,979.32	1,552.70
26 22 13 00-0145	EA	300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	71,842.48	1,925.34
26 22 13 00-0146		NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0056)*		
26 22 13 00-0147		Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0146)*		
		Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0148		150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0147)*		
26 22 13 00-0149	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	3,310.79	555.63
26 22 13 00-0150	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,039.16	679.10
26 22 13 00-0151	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,862.83	802.59
26 22 13 00-0152	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,468.06	926.06
26 22 13 00-0153	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	8,602.04	1,111.26
26 22 13 00-0154	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	10,641.47	1,234.75
26 22 13 00-0155	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	14,071.17	1,543.42
26 22 13 00-0156	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	19,704.08	1,913.85
26 22 13 00-0157		115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0147)*		
26 22 13 00-0158	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	3,972.57	555.63
26 22 13 00-0159	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,840.78	679.10
26 22 13 00-0160	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,840.34	802.59
26 22 13 00-0161	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	7,853.07	926.06
26 22 13 00-0162	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	10,031.58	1,111.26
26 22 13 00-0163	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	13,093.07	1,234.75
26 22 13 00-0164	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	17,366.68	1,543.42
26 22 13 00-0165	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	24,466.99	1,913.85
26 22 13 00-0166		80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0147)*		
26 22 13 00-0167	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,631.68	555.63
26 22 13 00-0168	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,644.62	679.10
26 22 13 00-0169	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,817.87	802.59
26 22 13 00-0170	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	9,235.85	926.06
26 22 13 00-0171	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	11,835.21	1,111.26
26 22 13 00-0172	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	15,544.67	1,234.75
26 22 13 00-0173	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	20,662.20	1,543.42
26 22 13 00-0174	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	29,229.90	1,913.85
26 22 13 00-0175		Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0146)*		
		Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0176		150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0175)*		
26 22 13 00-0177	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	4,411.23	555.63
26 22 13 00-0178	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,377.41	679.10
26 22 13 00-0179	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,490.54	802.59
26 22 13 00-0180	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	8,774.92	926.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0181	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	11,861.92	1,111.26
26 22 13 00-0182	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	14,812.08	1,234.75
26 22 13 00-0183	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	19,675.77	1,543.42
26 22 13 00-0184	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	27,807.04	1,913.85
26 22 13 00-0185		115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0175)*		
26 22 13 00-0186	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,070.34	555.63
26 22 13 00-0187	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,181.26	679.10
26 22 13 00-0188	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	7,468.07	802.59
26 22 13 00-0189	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	10,159.93	926.06
26 22 13 00-0190	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	15,371.21	1,111.26
26 22 13 00-0191	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	19,323.37	1,234.75
26 22 13 00-0192	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	24,654.68	1,543.42
26 22 13 00-0193	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	36,600.28	1,913.85
26 22 13 00-0194		80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0175)*		
26 22 13 00-0195	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,731.66	555.63
26 22 13 00-0196	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,985.09	679.10
26 22 13 00-0197	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	8,445.58	802.59
26 22 13 00-0198	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	11,542.71	926.06
26 22 13 00-0199	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	18,190.22	1,111.26
26 22 13 00-0200	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	23,413.83	1,234.75
26 22 13 00-0201	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	29,631.35	1,543.42
26 22 13 00-0202	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	43,623.29	1,913.85
26 22 13 00-0203		3 Phase Weathershields *(26 22 13 00-0056)*		
		Note: Use with type DT-3 and DS-3.		
26 22 13 00-0204	EA	45-112.5 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	1,348.56	
26 22 13 00-0205	EA	150-300 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	2,290.10	
26 22 13 00-0206	EA	500-1,000 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	2,290.10	
26 22 13 00-0207		Three Phase Mounting Brackets *(26 22 13 00-0056)*		
26 22 13 00-0208	EA	3 Phase Mounting Brackets (Set Of 2) For Transformers Up To 112.5 KVA	1,161.89	221.01
26 22 13 00-0209		Pad Mounted Commercial Type Distribution Transformers UL Listed *(26 22 13)*		
26 22 13 00-0210		Distribution 3 Phase Oil Filled Transformer *(26 22 13 00-0209)*		
		Note: Designed for loads as shopping centers, institutions, and industrial plants with underground distribution. KVA-75 thru 1000, 3 phase 95 thru 150 KV BIL standard features. With taps 4-1/2 percent below - 2-1/2 percent above and below.		
26 22 13 00-0211		Factory Modifications *(26 22 13 00-0210)*		
		Note: For use with series 4100 3 phase transformers.		
26 22 13 00-0212	EA	Current Limiting Fuse 95 KV Series 4100, 3 Phase Transformer, Factory Modification	2,471.05	
26 22 13 00-0213	EA	Lightning Arrestors 9-10 KV Series 4100, 3 Phase Transformer, Factory Modification	401.82	
26 22 13 00-0214	EA	Loadbreaker Oil Switch, 2 Position Series 4100, 3 Phase Transformer, Factory Modification	1,607.28	
26 22 13 00-0215	EA	Loop Feed Air Switch Series 4100, 3 Phase Transformer, Factory Modification	4,630.67	
26 22 13 00-0216	EA	Loadbreaker Inserts Series 4100, 3 Phase Transformer, Factory Modification	567.28	
26 22 13 00-0217	EA	Lightning Arrestors, 15 KV Series 4100, 3 Phase Transformer, Factory Modification	449.09	
26 22 13 00-0218		Accessories For Transformer Liquid Containment Area *(26 22 13 00-0210)*		
		Note: Reinforced concrete curb with 6" slab.		
26 22 13 00-0219	EA	Containment Area For 75 KVA	6,881.98	2,065.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,376.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0220	EA	Containment Area For 112.5 KVA	6,881.98	2,065.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,376.77*	
26 22 13 00-0221	EA	Containment Area For 150 KVA	6,881.98	2,065.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,376.77*	
26 22 13 00-0222	EA	Containment Area For 225 KVA	6,881.98	2,065.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,376.77*	
26 22 13 00-0223	EA	Containment Area For 300 KVA	6,874.58	2,065.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,374.55*	
26 22 13 00-0224	EA	Containment Area For 500 KVA	6,874.58	2,065.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,374.55*	
26 22 13 00-0225	EA	Containment Area For 750 KVA	6,940.76	2,065.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,374.55*	
26 22 13 00-0226	EA	Containment Area For 1,000 KVA	7,900.40	2,065.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,374.55*	

26 22 13 00-0227 Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 95 KV BIL *(26 22 13 00-0210)*

Note: Rated to 5 KVA.

26 22 13 00-0228	EA	45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	15,238.07	1,481.69
26 22 13 00-0229	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	16,656.25	1,481.69
26 22 13 00-0230	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	17,601.71	1,481.69
26 22 13 00-0231	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	20,438.09	1,481.69
26 22 13 00-0232	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	21,905.78	2,222.54
26 22 13 00-0233	EA	300 KVA, Primary4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	22,851.24	2,222.54
26 22 13 00-0234	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	34,196.76	2,222.54
26 22 13 00-0235	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	43,712.56	2,963.38
26 22 13 00-0236	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	56,003.54	2,963.38

26 22 13 00-0237 Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 95 BIL *(26 22 13 00-0210)*

Note: Rated to 5 KVA.

26 22 13 00-0238	EA	45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	15,710.79	1,481.69
26 22 13 00-0239	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	17,601.71	1,481.69
26 22 13 00-0240	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	18,074.44	1,481.69
26 22 13 00-0241	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	18,547.17	1,481.69
26 22 13 00-0242	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	21,905.78	2,222.54
26 22 13 00-0243	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	23,796.70	2,222.54
26 22 13 00-0244	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	34,196.76	2,222.54
26 22 13 00-0245	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	44,185.29	2,963.38
26 22 13 00-0246	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	56,003.54	2,963.38

26 22 13 00-0247 Primary 5 KV Or 15 KV, Secondary 277/480 Volt *(26 22 13 00-0209)*

Note: 4-2.5 Percent taps FCAN and FCBN. Pad mounted.

26 22 13 00-0248	EA	150 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	57,917.96	1,964.85
26 22 13 00-0249	EA	225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	63,164.22	2,319.54
26 22 13 00-0250	EA	300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	70,791.19	2,834.99
26 22 13 00-0251	EA	500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	84,428.31	3,189.69
26 22 13 00-0252	EA	750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	104,129.60	3,357.47
26 22 13 00-0253	EA	1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	125,420.74	4,905.74
26 22 13 00-0254	EA	1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	147,758.42	5,550.05
26 22 13 00-0255	EA	2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	185,287.97	6,379.37
26 22 13 00-0256	EA	2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	205,224.78	6,698.34
26 22 13 00-0257	EA	3,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	216,219.08	7,464.12
26 22 13 00-0258	EA	3,750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	248,921.58	7,974.47

26 22 13 00-0259 Pad Mounted Transformer 15 KV - 480 Volt, Oil Filled *(26 22 13 00-0209)*

26 22 13 00-0260	EA	1,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	99,396.75	5,502.62
26 22 13 00-0261	EA	2,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	122,435.20	6,328.05
26 22 13 00-0262	EA	2,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	139,367.34	6,661.06
26 22 13 00-0263	EA	3,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	147,921.45	7,444.74

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0264	EA	3,750 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	166,029.61	7,670.34
26 22 13 00-0265		Silicone Filled Distribution Transformers, 3 Phase *(26 22 13 00-0209)*		
		Note: Primary 5 KV or 15 KV, secondary 277/480 V, 4-2.5 percent taps FCAN and FCBN. Pad mounted.		
26 22 13 00-0266	EA	225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	100,756.54	2,319.54
26 22 13 00-0267	EA	300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	107,929.40	2,834.99
26 22 13 00-0268	EA	500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	126,540.64	3,189.69
26 22 13 00-0269	EA	750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	153,703.11	3,357.47
26 22 13 00-0270	EA	1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	183,629.10	4,905.74
26 22 13 00-0271	EA	1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	234,023.04	5,550.05
26 22 13 00-0272	EA	2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	284,937.99	6,379.37
26 22 13 00-0273	EA	2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	326,368.19	6,698.34
26 22 13 00-0274		Foam Core Poly Transformer Pads *(26 22 13)*		
26 22 13 00-0275	EA	Single Phase Foam Core Poly Pads Note: Excludes site prep.	366.59	41.39

26 24 Switchboards and Panelboards *(26 20)*

26 24 13 Switchboards *(26 24)*

Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude concrete pad and foundation.

26 24 13 00-0001		Fusible Switch Type 240 Volt, 3 Phase, 3 Wire *(26 24 13)*		
26 24 13 00-0002		Incoming Service Section Main Device Only *(26 24 13 00-0001)*		
		Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0003	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	3,986.22	1,057.97
26 24 13 00-0004	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,400.09	1,119.06
26 24 13 00-0005	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	6,976.26	1,269.40
26 24 13 00-0006	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,513.33	1,360.84
26 24 13 00-0007	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	11,878.44	1,450.95
26 24 13 00-0008	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	13,226.63	1,542.76
26 24 13 00-0009	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	4,772.19	1,057.97
26 24 13 00-0010	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	6,056.53	1,119.06
26 24 13 00-0011	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	8,371.24	1,270.49
26 24 13 00-0012	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	11,360.28	1,360.84
26 24 13 00-0013	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	11,878.44	1,452.41
26 24 13 00-0014	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,226.63	1,542.76
26 24 13 00-0015	EA	2,500 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	15,836.61	1,612.91
26 24 13 00-0016	EA	3,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	17,932.12	1,727.94
26 24 13 00-0017	EA	4,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	21,122.33	1,862.68
26 24 13 00-0018	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,759.78	937.39
26 24 13 00-0019	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,038.38	997.98
26 24 13 00-0020	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,481.68	1,148.81
26 24 13 00-0021	EA	1,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,745.43	1,197.07
26 24 13 00-0022	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,978.75	1,240.26
26 24 13 00-0023	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,351.97	1,329.76
26 24 13 00-0024	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,703.61	1,420.96
26 24 13 00-0025		Branch Breaker Units *(26 24 13 00-0001)*		
		Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0026	EA	15 To 60 Amperes, 240 Volt, MC Branch Breaker	328.86	36.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.13*	
26 24 13 00-0027	EA	70 To 100 Amperes, 240 Volt, MC Branch Breaker	482.80	58.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.84*	
26 24 13 00-0028	EA	125 To 225 Amperes, 240 Volt, MC Branch Breaker	1,284.60	105.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.50*	
26 24 13 00-0029	EA	100 To 400 Amperes, 240 Volt, MC Branch Breaker	2,268.60	137.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.73*	
26 24 13 00-0030	EA	300 To 600 Amperes, 240 Volt, MC Branch Breaker	4,063.44	338.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.17*	
26 24 13 00-0031	EA	400 To 800 Amperes, 240 Volt, MC Branch Breaker	6,456.43	338.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.17*	
26 24 13 00-0032	EA	600 To 1,200 Amperes, 240 Volt, MC Branch Breaker	10,480.93	603.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*362.13*	
26 24 13 00-0033		Fusible Switch Type 480 Volt, 3 Phase, 3 Wire *(26 24 13)*		
26 24 13 00-0034		Incoming Service Section Main Device Only *(26 24 13 00-0033)*		
		Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0035	EA	400 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	5,631.66	1,372.82
26 24 13 00-0036	EA	600 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,273.57	1,372.82
26 24 13 00-0037	EA	800 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	9,158.31	1,784.06
26 24 13 00-0038	EA	1,200 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	10,353.69	1,784.06

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0039			Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire *(26 24 13)*		
26 24 13 00-0040			Incoming Service Section Main Device Only *(26 24 13 00-0039)*		
			Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0041		EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	3,583.71	937.39
26 24 13 00-0042		EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	3,979.18	997.98
26 24 13 00-0043		EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,004.40	1,148.81
26 24 13 00-0044		EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,521.60	1,239.29
26 24 13 00-0045		EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	4,329.82	937.39
26 24 13 00-0046		EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	5,423.58	997.98
26 24 13 00-0047		EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	7,554.02	1,148.81
26 24 13 00-0048		EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	10,747.98	1,239.29
26 24 13 00-0049		EA	2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	12,602.46	1,390.96
26 24 13 00-0050		EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	2,547.85	816.31
26 24 13 00-0051		EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	2,846.04	877.03
26 24 13 00-0052		EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,340.59	1,027.86
26 24 13 00-0053		EA	1,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,588.62	1,076.12
26 24 13 00-0054		EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,827.70	1,119.06
26 24 13 00-0055		EA	1,600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,149.44	1,197.07
26 24 13 00-0056		EA	2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,463.16	1,269.40
26 24 13 00-0057		EA	2,500 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	5,539.25	1,572.39
26 24 13 00-0058		EA	3,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	6,191.63	1,723.58
26 24 13 00-0059		EA	4,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	7,244.45	1,859.66
26 24 13 00-0060			Branch Breaker Units *(26 24 13 00-0039)*		
			Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 2 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0061		EA	15 To 60 Amperes, 120 / 240 Volt, MC Branch Breaker	179.84	32.05
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.23*	
26 24 13 00-0062		EA	70 To 100 Amperes, 120 / 240 Volt, MC Branch Breaker	286.27	53.22
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.93*	
26 24 13 00-0063		EA	125 To 225 Amperes, 120 / 240 Volt, MC Branch Breaker	850.24	74.38
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.63*	
26 24 13 00-0064		EA	100 To 400 Amperes, 120 / 240 Volt, MC Branch Breaker	2,415.09	95.55
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.33*	
26 24 13 00-0065		EA	300 To 600 Amperes, 120/240 Volt, MC Branch Breaker	3,824.74	232.84
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*139.69*	
26 24 13 00-0066		EA	400 To 800 Amperes, 120/240 Volt, MC Branch Breaker	5,412.62	232.84
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*139.69*	
26 24 13 00-0067		EA	600 To 1,200 Amperes, 120/240 Volt, MC Branch Breaker	8,940.12	444.50
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*266.73*	
26 24 13 00-0068			Fusible Switch Type 120/208 Volt, 3 Phase, 4 Wire *(26 24 13)*		
26 24 13 00-0069			Incoming Service Section Main Device Only *(26 24 13 00-0068)*		
			Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0070		EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	3,987.71	1,057.97
26 24 13 00-0071		EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,398.44	1,119.06
26 24 13 00-0072		EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	6,974.12	1,269.40
26 24 13 00-0073		EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,510.88	1,360.84
26 24 13 00-0074		EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	11,872.86	1,450.95
26 24 13 00-0075		EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	13,226.63	1,542.76
26 24 13 00-0076		EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	4,773.68	1,057.97
26 24 13 00-0077		EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	6,054.88	1,119.06
26 24 13 00-0078		EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	8,371.24	1,270.49
26 24 13 00-0079		EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	11,357.83	1,360.84
26 24 13 00-0080		EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	11,875.64	1,452.41
26 24 13 00-0081		EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,226.63	1,542.76
26 24 13 00-0082		EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,883.83	937.39
26 24 13 00-0083		EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,212.34	997.98
26 24 13 00-0084		EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,742.14	1,148.81
26 24 13 00-0085		EA	1,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,017.12	1,197.07
26 24 13 00-0086		EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,282.10	1,240.26
26 24 13 00-0087		EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,644.34	1,329.76
26 24 13 00-0088		EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,011.74	1,420.96
26 24 13 00-0089		EA	2,500 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,932.29	1,614.73
26 24 13 00-0090		EA	3,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	6,549.54	1,727.82
26 24 13 00-0091		EA	4,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	7,689.65	1,856.63
26 24 13 00-0092			Branch Breaker Units *(26 24 13 00-0068)*		
			Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 120/208 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0093		EA	15 To 60 Amperes, 120/208 Volt, MC Branch Breaker	328.86	36.89
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.13*	
26 24 13 00-0094		EA	70 To 100 Amperes, 120/208 Volt, MC Branch Breaker	482.80	58.06
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.84*	
26 24 13 00-0095		EA	125 To 225 Amperes, 120/208 Volt, MC Branch Breaker	1,284.60	105.83
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0096	EA	100 To 400 Amperes, 120/208 Volt, MC Branch Breaker	2,268.60	137.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.73*	
26 24 13 00-0097	EA	300 To 600 Amperes, 120/208 Volt, MC Branch Breaker	4,063.44	338.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.17*	
26 24 13 00-0098	EA	400 To 800 Amperes, 120/208 Volt, MC Branch Breaker	6,456.43	338.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.17*	
26 24 13 00-0099	EA	600 To 1,200 Amperes, 120/208 Volt, MC Branch Breaker	10,480.93	603.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*362.13*	

26 24 13 00-0100 Fusible Switch Type 277/480 Volt, 3 Phase, 4 Wire *(26 24 13)*

26 24 13 00-0101 Incoming Service Section Main Device Only *(26 24 13 00-0100)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0102	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	5,188.12	1,450.95
26 24 13 00-0103	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	5,682.58	1,542.76
26 24 13 00-0104	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,970.11	1,722.01
26 24 13 00-0105	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	8,703.15	1,843.81
26 24 13 00-0106	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	6,522.52	1,450.95
26 24 13 00-0107	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	8,673.42	1,542.76
26 24 13 00-0108	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	9,821.79	1,723.95
26 24 13 00-0109	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	12,323.71	1,843.81
26 24 13 00-0110	EA	1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	12,903.07	1,966.10
26 24 13 00-0111	EA	2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	14,317.66	2,088.26
26 24 13 00-0112	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,883.83	937.39
26 24 13 00-0113	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,212.34	997.98
26 24 13 00-0114	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,742.14	1,148.81
26 24 13 00-0115	EA	1,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,017.12	1,197.07
26 24 13 00-0116	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,282.10	1,240.26
26 24 13 00-0117	EA	1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,644.34	1,329.76
26 24 13 00-0118	EA	2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,011.74	1,420.96

26 24 13 00-0119 Branch Breaker Units *(26 24 13 00-0100)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0120	EA	15 To 60 Amperes, 480/277 Volt, MC Branch Breaker	671.63	36.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.13*	
26 24 13 00-0121	EA	70 To 100 Amperes, 480/277 Volt, MC Branch Breaker	777.74	58.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.84*	
26 24 13 00-0122	EA	125 To 225 Amperes, 480/277 Volt, MC Branch Breaker	1,410.54	105.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.50*	
26 24 13 00-0123	EA	100 To 400 Amperes, 480/277 Volt, MC Branch Breaker	2,268.60	137.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.73*	
26 24 13 00-0124	EA	300 To 600 Amperes, 480/277 Volt, MC Branch Breaker	5,437.69	338.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.17*	
26 24 13 00-0125	EA	400 To 800 Amperes, 480/277 Volt, MC Branch Breaker	5,560.45	338.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.17*	
26 24 13 00-0126	EA	600 To 1,200 Amperes, 480/277 Volt, MC Branch Breaker	8,936.09	603.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*362.13*	

26 24 13 00-0127 Fusible Branch Circuit Switch *(26 24 13)*

Note: Includes switch fuses, and portion of distribution section occupied by that branch device.

26 24 13 00-0128 240 Volt, 2 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0129	EA	30/30 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	705.12	94.95
		For Electrical Interlock Kit, Add	*278.71*	
26 24 13 00-0130	EA	30/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	702.73	94.95
		For Electrical Interlock Kit, Add	*278.71*	
26 24 13 00-0131	EA	60/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	702.73	94.95
		For Electrical Interlock Kit, Add	*278.71*	
26 24 13 00-0132	EA	60/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	1,097.42	125.19
		For Electrical Interlock Kit, Add	*278.71*	
26 24 13 00-0133	EA	100/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	1,097.42	125.19
		For Electrical Interlock Kit, Add	*278.71*	

26 24 13 00-0134 240 Volt, 2 Pole Single Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0135	EA	100 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	803.01	93.14
		For Electrical Interlock Kit, Add	*267.00*	
26 24 13 00-0136	EA	200 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	1,161.03	93.14
		For Electrical Interlock Kit, Add	*267.00*	
26 24 13 00-0137	EA	400 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	2,986.90	250.98

26 24 13 00-0138 240 Volt, 3 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0139	EA	30/30 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	900.20	107.05
		For Electrical Interlock Kit, Add	*278.71*	
26 24 13 00-0140	EA	30/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	897.81	107.05
		For Electrical Interlock Kit, Add	*278.71*	
26 24 13 00-0141	EA	60/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	897.81	107.05
		For Electrical Interlock Kit, Add	*278.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0142	EA	60/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,348.35	143.33
		For Electrical Interlock Kit, Add	*278.71*	
26 24 13 00-0143	EA	100/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,348.35	143.33
		For Electrical Interlock Kit, Add	*278.71*	
26 24 13 00-0144		240 Volt, 3 Pole Single Branch Switch Units *(26 24 13 00-0127)*		
26 24 13 00-0145	EA	100 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	970.82	105.23
		For Electrical Interlock Kit, Add	*278.71*	
26 24 13 00-0146	EA	200 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	1,554.47	105.23
		For Electrical Interlock Kit, Add	*267.00*	
26 24 13 00-0147	EA	400 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	3,987.71	280.97
26 24 13 00-0148	EA	600 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	5,685.14	359.96
26 24 13 00-0149	EA	800 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	10,539.66	487.68
26 24 13 00-0150		600 Volt, 3 Pole Twin Branch Switch Units *(26 24 13 00-0127)*		
26 24 13 00-0151	EA	30/30 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,261.61	107.05
		For Electrical Interlock Kit, Add	*278.71*	
26 24 13 00-0152	EA	30/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,259.20	107.05
		For Electrical Interlock Kit, Add	*278.71*	
26 24 13 00-0153	EA	60/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,261.61	107.05
		For Electrical Interlock Kit, Add	*278.71*	
26 24 13 00-0154	EA	60/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,893.67	143.33
		For Electrical Interlock Kit, Add	*278.71*	
26 24 13 00-0155	EA	100/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,934.03	143.33
		For Electrical Interlock Kit, Add	*278.71*	
26 24 13 00-0156	EA	200/200 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	4,090.98	187.48
		For Electrical Interlock Kit, Add	*278.71*	
26 24 13 00-0157		600 Volt, 3 Pole, Single Branch Switch Units *(26 24 13 00-0127)*		
26 24 13 00-0158	EA	100 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	1,360.08	105.23
		For Electrical Interlock Kit, Add	*278.71*	
26 24 13 00-0159	EA	200 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	2,048.65	105.23
		For Electrical Interlock Kit, Add	*267.00*	
26 24 13 00-0160	EA	400 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	4,990.11	280.97
		For Electrical Interlock Kit, Add	*267.00*	
26 24 13 00-0161	EA	600 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	6,064.55	359.96
26 24 13 00-0162	EA	800 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	10,539.66	487.68
26 24 13 00-0163		Service And Distribution Structures *(26 24 13)*		
26 24 13 00-0164		Distribution Section 600 Volt, 250 Volt DC *(26 24 13 00-0163)*		
26 24 13 00-0165		600 Amperes, 4 Wire, Main Bus *(26 24 13 00-0164)*		
26 24 13 00-0166	EA	14 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	2,740.37	1,112.76
26 24 13 00-0167	EA	24 To 30 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,249.76	1,112.76
26 24 13 00-0168	EA	34 To 38 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,619.49	1,415.15
26 24 13 00-0169	EA	42 To 48 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,010.24	1,415.15
26 24 13 00-0170		800 Amperes, 4 Wire, Main Bus *(26 24 13 00-0164)*		
26 24 13 00-0171	EA	14 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,095.97	1,288.15
26 24 13 00-0172	EA	24 To 30 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,589.91	1,288.15
26 24 13 00-0173	EA	34 To 38 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,010.24	1,596.58
26 24 13 00-0174	EA	42 To 48 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,361.27	1,596.58
26 24 13 00-0175		1,200 Amperes, 4 Wire, Main Bus *(26 24 13 00-0164)*		
26 24 13 00-0176	EA	14 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,646.35	1,572.39
26 24 13 00-0177	EA	24 To 30 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,153.50	1,572.39
26 24 13 00-0178	EA	34 To 38 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,601.25	1,935.25
26 24 13 00-0179	EA	42 To 48 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,115.51	1,935.25
26 24 13 00-0180		1,600 Amperes, 4 Wire, Main Bus *(26 24 13 00-0164)*		
26 24 13 00-0181	EA	14 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,445.53	1,723.58
26 24 13 00-0182	EA	24 To 30 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,058.40	1,723.58
26 24 13 00-0183	EA	34 To 38 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,592.82	2,128.78
26 24 13 00-0184	EA	42 To 48 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,040.79	2,128.78
26 24 13 00-0185		2,000 Amperes, 4 Wire, Main Bus *(26 24 13 00-0164)*		
26 24 13 00-0186	EA	14 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,669.77	1,729.63
26 24 13 00-0187	EA	24 To 30 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,335.32	1,947.34
26 24 13 00-0188	EA	34 To 38 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,437.76	1,947.34
26 24 13 00-0189	EA	42 To 48 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,675.10	2,056.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0190		**3,000 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)*		
26 24 13 00-0191	EA	24 To 30 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,309.25	1,947.34
26 24 13 00-0192	EA	34 To 38 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,410.16	1,947.34
26 24 13 00-0193	EA	42 To 48 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,647.50	2,056.20
26 24 13 00-0194		**4,000 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)*		
26 24 13 00-0195	EA	24 To 30 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,464.31	2,056.20
26 24 13 00-0196	EA	34 To 38 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,647.50	2,056.20
26 24 13 00-0197	EA	42 To 48 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,733.21	2,056.20
26 24 13 00-0198		**Pull Boy, Horizontal Mounted Across Top Of Switch Board** *(26 24 13 00-0164)*		
26 24 13 00-0199	EA	18 - 24" Wide, 30" High, Open Bottom, Pull Boy Horizontal Mounted, Top Of Switchboard	560.01	145.14
26 24 13 00-0200	EA	Drilled Bottom For Pull Boy	631.91	145.14
26 24 13 00-0201	EA	Cable Supports In Pull Box	220.09	36.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.16*	
26 24 13 00-0202		**Underground Pull Sections** *(26 24 13 00-0164)*		
		Note: Excludes no bus or terminal.		
26 24 13 00-0203	EA	12 To 20" Wide, 15 - 20" Deep, Underground Pull Section Without Bus Or Terminal	549.34	169.34
26 24 13 00-0204	EA	24 To 28" Wide, 20" Deep, Underground Pull Section Without Bus Or Terminal	936.51	217.71
26 24 13 00-0205	EA	24 To 28" Wide, 30" Deep, Underground Pull Section Without Bus Or Terminal	936.51	217.71
26 24 13 00-0206	EA	14 To 20" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal	706.50	169.34
26 24 13 00-0207	EA	28 To 30" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal	1,001.94	247.95
26 24 13 00-0208	EA	14 To 20" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal	1,147.24	247.95
26 24 13 00-0209	EA	26 To 30" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal	1,207.30	320.53
26 24 13 00-0210	EA	38" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal	1,280.48	320.53
26 24 13 00-0211		**Switchboard Sections** *(26 24 13 00-0163)*		
26 24 13 00-0212	EA	600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	4,356.91	1,007.90
26 24 13 00-0213	EA	800 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	4,769.70	1,095.60
26 24 13 00-0214	EA	1,200 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	5,989.06	1,399.91
26 24 13 00-0215	EA	1,600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	6,548.96	1,527.15
26 24 13 00-0216	EA	2,000 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	6,983.51	1,625.73
26 24 13 00-0217	EA	400 Amperes, 480 Volt, Switchboard Incoming For Switch Circuit Section	5,093.26	884.17
26 24 13 00-0218	EA	200 Amperes, Distribution Section Subfeeder Lug-Rated	2,996.30	839.90
26 24 13 00-0219	EA	400 Amperes, Distribution Section Subfeeder Lug-Rated	3,314.40	910.78
26 24 13 00-0220	EA	120/208 Or 277/480 Volt, 4 Wire, Distribution Section Aluminum Bus	7,721.60	1,007.90
26 24 13 00-0221	EA	800 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker	8,291.51	1,010.56
26 24 13 00-0222	EA	1,000 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker	9,103.41	1,128.25
26 24 13 00-0223	EA	15 To 60 Amperes, 240 Volt, 1 Phase, Feed Section Circuit Breaker FA Frame	171.98	60.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.94*	
26 24 13 00-0224	EA	70 To 100 Amperes, 240 Volt, 3 Phase, Feed Section Circuit Breaker FA Frame	209.22	61.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.63*	
26 24 13 00-0225	EA	70 To 225 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker KA Frame	917.26	72.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.01*	
26 24 13 00-0226	EA	125 To 400 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker LA Frame	1,508.46	156.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.90*	
26 24 13 00-0227	EA	100 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker	611.62	218.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.60*	
26 24 13 00-0228	EA	225 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker	1,670.47	126.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.01*	
26 24 13 00-0229		**Switchboard, Structure Per Section Copper, 480 Volt** *(26 24 13 00-0163)*		
26 24 13 00-0230	EA	225 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	2,259.30	524.93
26 24 13 00-0231	EA	400 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	3,203.25	709.87
26 24 13 00-0232	EA	600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	3,612.93	863.96
26 24 13 00-0233	EA	800 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	4,590.58	1,209.53
26 24 13 00-0234	EA	1,200 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	5,692.28	1,511.91
26 24 13 00-0235	EA	1,600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	6,229.77	1,511.91
26 24 13 00-0236	EA	2,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	7,733.37	2,015.93
26 24 13 00-0237	EA	2,500 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	8,763.99	2,015.93
26 24 13 00-0238	EA	3,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	10,314.10	2,399.84
26 24 13 00-0239	EA	4,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	12,210.54	2,399.84
26 24 13 00-0240		**Main Devices** *(26 24 13)*		
26 24 13 00-0241		**Power Circuit Breakers** *(26 24 13 00-0240)*		
26 24 13 00-0242		**DSL Breaker With Current Limiters And Amptector** *(26 24 13 00-0241)*		
		Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0243	EA	50 To 800 Amperes, DSL-206, Main Breaker With Current Limiter, Amptector Static Trip	7,766.67	1,270.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*760.39*	
26 24 13 00-0244	EA	50 To 1,600 Amperes, DSL-416, Main Breaker With Current Limiter, Amptector Static Trip	14,116.78	2,116.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,268.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0245	EA	1,200 To 3,200 Amperes, DSL-632, Main Breaker With Current Limiter, Amptector Static Trip	31,447.37	3,556.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,114.57*	
26 24 13 00-0246	EA	4,000 Amperes, DSL-840, Main Breaker With Current Limiter, Amptector Static Trip	50,711.28	5,757.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,516.08*	
26 24 13 00-0247	EA	Ground-Fault Trip All Power Breakers - Factory Installed	2,580.85	
26 24 13 00-0248	EA	Key Interlock All Power Breakers - Factory Installed	333.31	
26 24 13 00-0249	EA	Short Time Delay Selective Trip - Factory Installed	437.28	
26 24 13 00-0250	EA	Shunt Trip Manually Open Breakers - Factory Installed	314.96	

26 24 13 00-0251 DSL Breaker Electrical Operated And Amptector *(26 24 13 00-0241)*

Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.

26 24 13 00-0252	EA	50 To 800 Amperes, DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip	9,058.44	1,330.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*802.08*	
26 24 13 00-0253	EA	50 To 1,600 Amperes, DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip	16,755.20	2,237.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,336.01*	
26 24 13 00-0254	EA	1,200 To 3,200 Amperes, DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip	35,257.93	3,689.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,223.41*	
26 24 13 00-0255	EA	4,000 Amperes, DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip	54,585.36	6,047.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,717.82*	

26 24 13 00-0256 DS Breakers With Amptector Static Trip, Manually Operated *(26 24 13 00-0241)*

Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated.

26 24 13 00-0257	EA	50 To 800 Amperes, DS-206, Main Breaker With Groundfault, Amptector Static Trip	6,224.82	1,161.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*697.81*	
26 24 13 00-0258	EA	50 To 1,600 Amperes, DS-416, Main Breaker With Groundfault, Amptector Static Trip	11,336.41	1,947.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,163.01*	
26 24 13 00-0259	EA	2,000 Amperes, DS-420, Main Breaker With Groundfault, Amptector Static Trip	16,902.30	3,265.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,938.35*	
26 24 13 00-0260	EA	1,200 To 3,200 Amperes, DS-632, Main Breaker With Groundfault, Amptector Static Trip	29,115.88	5,261.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,228.29*	
26 24 13 00-0261	EA	4,000 Amperes, DS-840, Main Breaker With Groundfault, Amptector Static Trip	47,434.64	8,587.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5,367.74*	

26 24 13 00-0262 DS Breakers With Amptector Static Trip, Electrically Operated *(26 24 13 00-0241)*

Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrical operated.

26 24 13 00-0263	EA	50 To 800 Amperes, DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	7,270.13	1,112.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*665.55*	
26 24 13 00-0264	EA	50 To 1,600 Amperes, DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	13,506.29	1,862.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,108.98*	
26 24 13 00-0265	EA	2,000 Amperes, DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	19,359.71	3,096.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,851.32*	
26 24 13 00-0266	EA	1,200 To 3,200 Amperes, DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	31,965.49	5,043.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,085.54*	
26 24 13 00-0267	EA	4,000 Amperes, DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	50,140.19	8,648.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5,154.25*	

26 24 13 00-0268 Molded Case Circuit Breakers Conventional *(26 24 13 00-0241)*

26 24 13 00-0269	EA	70 To 225 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	2,778.02	1,016.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*585.26*	
26 24 13 00-0270	EA	125 To 400 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	3,961.29	1,016.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*636.59*	
26 24 13 00-0271	EA	300 To 600 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	4,390.09	1,209.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*697.81*	
26 24 13 00-0272	EA	400 To 800 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	5,184.80	1,209.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*755.96*	
26 24 13 00-0273	EA	600 To 1,200 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	7,559.30	1,451.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*828.45*	
26 24 13 00-0274	EA	1,000 To 2,000 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	12,021.61	1,451.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*916.31*	
26 24 13 00-0275	EA	Shunt Trip, Factory Installed	330.25	
26 24 13 00-0276	EA	Groundfault Trip Complete Interrupting Circuit, Factory Installed	76.45	

26 24 13 00-0277 Switchboard Branch Breaker 480 Volt *(26 24 13 00-0240)*

26 24 13 00-0278	EA	60 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	546.73	87.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.59*	
26 24 13 00-0279	EA	100 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	648.41	116.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.78*	
26 24 13 00-0280	EA	225 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	1,831.03	175.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.12*	
26 24 13 00-0281	EA	400 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	2,417.08	219.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.85*	
26 24 13 00-0282	EA	600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	2,933.37	294.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*176.83*	
26 24 13 00-0283	EA	800 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	3,548.63	377.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*226.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0284	EA	1,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	5,699.07	575.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*345.58*	
26 24 13 00-0285	EA	1,200 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	5,699.07	575.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*345.58*	
26 24 13 00-0286	EA	1,600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	7,992.90	806.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*483.81*	
26 24 13 00-0287	EA	2,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	10,028.90	1,209.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*725.72*	
26 24 13 00-0288		**Switchboard 277/480 Volt Main Breaker** *(26 24 13 00-0240)*		
26 24 13 00-0289	EA	400 Amperes, 277/480 Volt, Main Breaker, Switchboard	6,437.55	524.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*314.98*	
26 24 13 00-0290	EA	600 Amperes, 277/480 Volt, Main Breaker, Switchboard	6,537.36	574.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*344.93*	
26 24 13 00-0291	EA	800 Amperes, 277/480 Volt, Main Breaker, Switchboard	7,115.51	863.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*518.37*	
26 24 13 00-0292	EA	1,200 Amperes, 277/480 Volt, Main Breaker, Switchboard	12,097.74	1,209.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*725.72*	
26 24 13 00-0293	EA	1,600 Amperes, 277/480 Volt, Main Breaker, Switchboard	12,354.64	1,337.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*802.79*	
26 24 13 00-0294	EA	2,000 Amperes, 277/480 Volt, Main Breaker, Switchboard	16,482.60	2,399.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,439.92*	
26 24 13 00-0295		**Branch Or Distribution Devices** *(26 24 13)*		
26 24 13 00-0296		**3 Pole, Panel Mounted, Molded Case Circuit Breakers** *(26 24 13 00-0295)*		
		Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0297	EA	15 To 60 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	621.45	43.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 24 13 00-0298	EA	70 To 100 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	627.29	54.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 24 13 00-0299	EA	125 To 150 Amperes, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	1,511.53	65.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.54*	
26 24 13 00-0300	EA	70 To 225 Amperes, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	2,192.18	84.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.24*	
26 24 13 00-0301	EA	125 To 400 Amperes, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	3,091.16	104.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.67*	
26 24 13 00-0302	EA	300 To 600 Amperes, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	4,049.12	122.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.64*	
26 24 13 00-0303	EA	900 To 1,000 Amperes, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	6,182.69	137.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.17*	
26 24 13 00-0304		**2 Pole, Panel Mounted, Molded Case Circuit Breakers** *(26 24 13 00-0295)*		
		Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0305	EA	15 To 60 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	428.12	32.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 24 13 00-0306	EA	70 To 100 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	550.01	43.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 24 13 00-0307	EA	125 To 150 Amperes, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	1,506.53	54.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 24 13 00-0308	EA	70 To 225 Amperes, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	2,387.76	60.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.91*	
26 24 13 00-0309	EA	125 To 400 Amperes, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	2,522.73	78.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.61*	
26 24 13 00-0310	EA	900 To 1,000 Amperes, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	5,719.53	114.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.20*	
26 24 13 00-0311		**Meter Devices And Instrumentation** *(26 24 13)*		
		Note: Factory installed accessories.		
26 24 13 00-0312		**Compartments For Instrument Transformers And Metering Devices** *(26 24 13 00-0311)*		
26 24 13 00-0313	EA	Compartment For, Up To 800 Amperes, Primary Current Transformer	399.05	
26 24 13 00-0314	EA	Compartment For, 1,000 To 1,500 Amperes, Primary Current Transformer	576.41	
26 24 13 00-0315	EA	Compartment For, 2,000 To 6,000 Amperes, Primary Current Transformer	678.85	
26 24 13 00-0316		**Instruments** *(26 24 13 00-0311)*		
26 24 13 00-0317	EA	AC Voltmeter	544.30	
26 24 13 00-0318	EA	AC Ammeter	544.30	
26 24 13 00-0319	EA	AC Wattmeter	1,454.02	
26 24 13 00-0320	EA	Variometer	1,642.08	
26 24 13 00-0321	EA	Power Factor Meter	1,311.83	
26 24 13 00-0322	EA	Frequency Meter	1,447.91	
26 24 13 00-0323	EA	200 Volt-Amperes Max Potential Transformer	489.26	
26 24 13 00-0324	EA	AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block	1,842.37	
26 24 13 00-0325	EA	AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2	3,082.34	
26 24 13 00-0326	EA	Weatherproof, Modify Meter	3,043.54	
26 24 13 00-0327	EA	Control Switch Resistor Type 130 V	73.36	
26 24 13 00-0328	EA	Metering Instrument: Voltage, Amperes And Watt Hour	3,718.08	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16		**Panelboards** *(26 24)*		
26 24 16 00-0001		Branch Circuit Panelboard *(26 24 16)* Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs. Copper bussing. Panelboards with less than a 30 circuit capacity do not have the door in a door trim front option.		
26 24 16 00-0002		Assembled Lighting And Power Panelboards *(26 24 16 00-0001)* Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit plug-on breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.		
26 24 16 00-0003		120/240 Volt, 3 Wire, 1 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0004	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,209.51	344.71
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0005	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,380.04	344.71
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0006	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	1,571.43	477.77
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0007	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	1,763.94	477.77
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0008	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	1,946.10	598.72
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0009	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,132.95	598.72
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0010	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,313.21	689.44
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0011	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	2,785.37	882.96
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0012	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	2,936.53	882.96
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0013	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard WithTwenty-Six 20 Ampere Breakers	3,083.00	1,009.96
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0014	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,318.05	1,009.96
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0015	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	3,461.85	1,136.96
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0016	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	3,677.73	1,136.96
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0017	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	3,812.51	1,257.92
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0018	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	4,025.88	1,257.92
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0019	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	4,225.02	1,390.96
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0020	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	4,360.13	1,390.96
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0021	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	4,563.84	1,390.96
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0022		120/240 Volt, 3 Wire, 1 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0023	EA	50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,415.16	332.62
		For NEMA 3R Panelboard, Add	*1,467.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0024	EA	50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,588.31	332.62
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0025	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	1,993.60	568.48
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0026	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,258.71	568.48
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0027	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,444.45	695.48
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0028	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Cpacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,638.44	695.48
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0029	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,810.14	834.58
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0030	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,394.75	834.58
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0031	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,548.78	1,022.05
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0032	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,716.54	1,022.05
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0033	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,900.76	1,149.06
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0034	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,049.18	1,149.06
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0035	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,207.76	1,257.92
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0036	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	4,378.06	1,257.92
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0037	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	4,562.00	1,487.73
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0038	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	4,761.90	1,487.73
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0039	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	4,980.68	1,487.73
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0040	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	5,114.74	1,572.39
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0041		120/208 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0042	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,455.36	393.10
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0043	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,638.08	393.10
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0044	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	1,844.55	526.15
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0045	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,060.19	526.15
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0046	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,254.31	647.10
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0047	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,462.10	647.10
		For NEMA 3R Panelboard, Add	*1,467.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0048	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,657.17	768.05
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0049	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	2,861.46	768.05
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0050	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,048.48	901.10
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0051	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,263.80	901.10
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0052	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,485.69	1,040.19
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0053	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	3,700.95	1,040.19
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0054	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,138.84	1,257.92
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0055	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	4,290.64	1,257.92
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0056	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	4,540.35	1,397.00
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0057	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	4,770.92	1,397.00
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0058	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	4,930.51	1,524.01
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0059	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	5,164.94	1,524.01
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0060	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,972.93	1,352.26
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0061	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,140.28	1,421.20
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0062	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,401.95	1,496.80
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0063	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	5,650.97	1,584.49
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0064	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	5,821.39	1,632.87
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0065	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	6,101.98	1,732.66
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0066		120/208 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0067	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,708.54	381.00
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0068	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,893.73	381.00
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0069	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,111.75	501.95
		For NEMA 3R Panelboard, Add	*1,467.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0070	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,406.33	501.95
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0071	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,869.74	755.95
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0072	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,058.75	755.95
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0073	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,264.76	882.96
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0074	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,438.16	882.96
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0075	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,668.50	1,022.05
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0076	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,829.47	1,022.05
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0077	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,081.80	1,149.06
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0078	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,295.98	1,149.06
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0079	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,035.45	1,330.49
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0080	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,262.43	1,403.06
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0081	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,361.39	1,403.06
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0082	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	5,617.44	1,584.49
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0083	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	5,792.50	1,584.49
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0084	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two- 20 Ampere Breakers	5,913.08	1,584.49
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0085	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,895.41	1,457.49
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0086	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,144.68	1,542.16
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0087	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,247.25	1,584.49
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0088	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,524.29	1,681.24
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0089	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,698.61	1,729.63
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0090	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	6,867.28	1,790.11
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0091		480 Volt, 3 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0092	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,627.27	387.05
		For NEMA 3R Panelboard, Add	*1,467.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0093	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,866.43	387.05
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0094	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,095.21	532.19
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0095	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,334.34	532.19
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0096	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,556.53	665.24
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0097	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,791.31	665.24
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0098	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard WithTwenty 20 Ampere Breakers	3,036.86	804.34
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0099	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,260.87	804.34
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0100	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard WithTwenty-Four 20 Ampere Breakers	3,508.38	955.53
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0101	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,746.90	955.53
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0102	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,965.21	1,088.58
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0103	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,199.99	1,088.58
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0104	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,707.24	1,324.43
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0105	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	4,941.74	1,324.43
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0106	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,192.20	1,451.44
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0107	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty- Eight 20 Ampere Breakers	5,371.68	1,451.44
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0108	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	5,651.75	1,602.63
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0109	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	5,848.15	1,602.63
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	

26 24 16 00-0110 480 Volt, 3 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0111	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	2,061.66	411.24
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0112	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,295.09	447.53
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0113	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,531.23	556.38
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0114	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers,	3,046.84	677.34
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0115	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,273.85	749.91
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0116	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,479.60	810.39
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0117	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,707.71	882.96
		For NEMA 3R Panelboard, Add	*1,467.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0118	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,926.72	955.53
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0119	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,125.98	1,016.01
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0120	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,340.70	1,076.48
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0121	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,574.14	1,149.06
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0122	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,830.51	1,239.77
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0123	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	6,026.61	1,378.86
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0124	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,271.88	1,463.53
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0125	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,442.46	1,499.82
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0126	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,719.90	1,596.58
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0127	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Cpacity Assembled Panelboard With Forty 20 Ampere Breakers	6,908.86	1,657.06
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0128	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	7,105.29	1,709.07
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0129		277/480 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0130	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,968.03	423.34
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0131	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,232.23	423.34
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0132	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,489.08	562.44
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0133	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,748.19	562.44
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0134	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,011.82	695.48
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0135	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,269.60	695.48
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0136	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,531.94	834.58
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0137	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,793.09	834.58
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0138	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,080.26	979.72
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0139	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,317.60	979.72
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0140	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,569.49	985.76
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0141	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 32 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,838.93	985.76
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0142	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,518.24	1,366.77
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0143	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,793.55	1,366.77
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0144	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,001.52	1,439.34
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0145	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,304.02	1,536.10
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0146	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,527.42	1,536.10
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0147	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	6,865.37	1,681.24
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0148		**277/480 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards** *(26 24 16 00-0002)*		
26 24 16 00-0149	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	2,548.17	520.10
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0150	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,819.08	520.10
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0151	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	3,079.05	689.44
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0152	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	3,670.32	689.44
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0153	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,923.03	870.86
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0154	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	4,175.32	870.86
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0155	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	4,418.50	997.86
		For NEMA 3R Panelboard, Add	*1,467.11*	
26 24 16 00-0156	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	4,641.92	997.86
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0157	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,880.82	1,136.96
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0158	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	5,138.42	1,136.96
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0159	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	5,357.51	1,257.92
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0160	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	5,588.32	1,257.92
		For NEMA 3R Panelboard, Add	*1,613.42*	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0161	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	7,235.97	1,487.73
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0162	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	7,519.28	1,487.73
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0163	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	7,723.48	1,626.82
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0164	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	8,042.26	1,626.82
		For NEMA 3R Panelboard, Add	*1,905.84*	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0165	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	8,266.88	1,778.01
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0166	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	8,499.77	1,778.01
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0167	EA	400 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	10,044.96	1,980.01
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0168	EA	600 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >400 To 600 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	12,218.27	2,376.72
		For NEMA 3R Panelboard, Add	*1,983.59*	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	

26 24 16 00-0169 Unassembled Lighting And Power Panelboards *(26 24 16 00-0001)*

Note: Includes the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device). See CSI section 26 28 16 13-0001 for circuit breakers.

26 24 16 00-0170 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.

26 24 16 00-0171 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0172	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	615.11
26 24 16 00-0173	EA	100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	709.45
26 24 16 00-0174	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	973.50
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*
26 24 16 00-0175	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,125.15
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*
26 24 16 00-0176	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,274.64
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*
26 24 16 00-0177	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,428.88
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*
26 24 16 00-0178	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,552.66
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*
26 24 16 00-0179	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,701.87
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*
26 24 16 00-0180	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,878.11
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*
26 24 16 00-0181	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,002.29
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*
26 24 16 00-0182	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,191.10
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*

26 24 16 00-0183 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0184	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	917.20
26 24 16 00-0185	EA	100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,042.04
26 24 16 00-0186	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,675.31
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*
26 24 16 00-0187	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,863.56
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*
26 24 16 00-0188	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,041.92
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0189	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,498.83	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0190	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,717.27	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0191	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,912.66	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0192		**Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards** *(26 24 16 00-0170)*		
26 24 16 00-0193	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,224.76	
26 24 16 00-0194	EA	100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,312.14	
26 24 16 00-0195	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,561.67	
26 24 16 00-0196	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,710.42	
26 24 16 00-0197	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,848.88	
26 24 16 00-0198	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,115.76	
26 24 16 00-0199	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,231.99	
26 24 16 00-0200	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,374.23	
26 24 16 00-0201	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,603.89	
26 24 16 00-0202	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,723.63	
26 24 16 00-0203	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,901.58	
26 24 16 00-0204		**Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards** *(26 24 16 00-0170)*		
26 24 16 00-0205	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,519.88	
26 24 16 00-0206	EA	100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,637.18	
26 24 16 00-0207	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,376.12	
26 24 16 00-0208	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,550.44	
26 24 16 00-0209	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,718.34	
26 24 16 00-0210	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,160.74	
26 24 16 00-0211	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,372.22	
26 24 16 00-0212	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,565.86	
26 24 16 00-0213		**240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards** *(26 24 16 00-0169)*		
		Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers		
26 24 16 00-0214		**Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards** *(26 24 16 00-0213)*		
26 24 16 00-0215	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	694.66	
26 24 16 00-0216	EA	100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	818.27	
26 24 16 00-0217	EA	100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	923.63	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0218	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,051.03	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0219	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,210.70	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0220	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,342.08	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0221	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,548.33	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0222	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,670.03	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0223	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,805.23	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0224	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,010.32	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0225	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,215.64	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0226	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,612.14	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	

26 24 16 00-0227 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0228	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,074.01	
26 24 16 00-0229	EA	100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,212.30	
26 24 16 00-0230	EA	100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,402.08	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0231	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,065.58	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0232	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,238.36	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0233	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,403.72	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0234	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,310.86	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0235	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,515.44	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0236	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,684.52	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	

26 24 16 00-0237 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0238	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,304.32	
26 24 16 00-0239	EA	100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,420.96	
26 24 16 00-0240	EA	100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,518.77	
26 24 16 00-0241	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,639.20	
26 24 16 00-0242	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,795.97	
26 24 16 00-0243	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,916.32	
26 24 16 00-0244	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,235.21	
26 24 16 00-0245	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,349.36	
26 24 16 00-0246	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,477.60	
26 24 16 00-0247	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,736.10	
26 24 16 00-0248	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,928.06	
26 24 16 00-0249	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,324.57	

26 24 16 00-0250 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0251	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,676.70	
26 24 16 00-0252	EA	100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,807.44	
26 24 16 00-0253	EA	100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,993.15	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0254	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,766.40	
26 24 16 00-0255	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,925.24	
26 24 16 00-0256	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,080.15	
26 24 16 00-0257	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	4,581.50	
26 24 16 00-0258	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	4,792.11	
26 24 16 00-0259	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	4,971.42	
26 24 16 00-0260		480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0169)*		
		Note: As manufactured by Square D or equal.		
26 24 16 00-0261		Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*		
26 24 16 00-0262	EA	125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	986.16	
26 24 16 00-0263	EA	125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,085.41	
26 24 16 00-0264	EA	250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,503.87	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0265	EA	250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,679.32	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0266	EA	250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,831.33	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0267	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,836.82	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0268	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,938.86	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0269	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,108.16	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0270	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,256.51	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0271	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,419.10	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0272	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,644.00	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0273		Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*		
26 24 16 00-0274	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,004.26	
26 24 16 00-0275	EA	100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,067.39	
26 24 16 00-0276	EA	125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,245.64	
26 24 16 00-0277	EA	125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,369.77	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0278	EA	125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,623.78	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0279	EA	250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,408.25	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0280	EA	250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,563.08	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0281	EA	250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,764.25	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0282	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,901.45	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0283	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,118.83	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0284	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,313.85	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	

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SAN BERNARDINO COUNTY

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0285		Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*		
26 24 16 00-0286	EA	125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,574.92	
26 24 16 00-0287	EA	125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,674.16	
26 24 16 00-0288	EA	250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,078.69	
26 24 16 00-0289	EA	250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,355.17	
26 24 16 00-0290	EA	250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,495.56	
26 24 16 00-0291	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,501.05	
26 24 16 00-0292	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,585.68	
26 24 16 00-0293	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,730.01	
26 24 16 00-0294	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,936.42	
26 24 16 00-0295	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,084.83	
26 24 16 00-0296	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,279.28	
26 24 16 00-0297		Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*		
26 24 16 00-0298	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,718.43	
26 24 16 00-0299	EA	100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,781.56	
26 24 16 00-0300	EA	125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,825.68	
26 24 16 00-0301	EA	125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,944.59	
26 24 16 00-0302	EA	125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,299.63	
26 24 16 00-0303	EA	250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,072.48	
26 24 16 00-0304	EA	250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,209.89	
26 24 16 00-0305	EA	250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,386.09	
26 24 16 00-0306	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,523.30	
26 24 16 00-0307	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,724.76	
26 24 16 00-0308	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,917.42	
26 24 16 00-0309		480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*		
		Note: As manufactured by Square D or equal.		
26 24 16 00-0310		Main Lugs, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*		
26 24 16 00-0311	EA	125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,025.65	
26 24 16 00-0312	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,125.47	
26 24 16 00-0313	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,303.94	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0314	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,561.98	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0315	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,738.71	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0316	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,889.61	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0317	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,913.54	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0318	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,034.08	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0319	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,202.07	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0320	EA	600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,350.57	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0321	EA	600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,514.08	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0322	EA	600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,739.88	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0323		Main Breaker, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*		
26 24 16 00-0324	EA	100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,207.48	
26 24 16 00-0325	EA	100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,271.19	
26 24 16 00-0326	EA	100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,462.28	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0327	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,524.99	
26 24 16 00-0328	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,649.60	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0329	EA	125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,902.99	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0330	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,735.86	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0331	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,892.56	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0332	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,091.60	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0333	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,294.02	
		For Door-In-Door (Hinged) Trim Front, Add	*117.90*	
26 24 16 00-0334	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,513.42	
		For Door-In-Door (Hinged) Trim Front, Add	*201.35*	
26 24 16 00-0335	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,708.39	
		For Door-In-Door (Hinged) Trim Front, Add	*257.34*	
26 24 16 00-0336		Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*		
26 24 16 00-0337	EA	125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,614.40	
26 24 16 00-0338	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,714.22	
26 24 16 00-0339	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,883.98	
26 24 16 00-0340	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,136.80	
26 24 16 00-0341	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,414.55	
26 24 16 00-0342	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,553.84	
26 24 16 00-0343	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,579.52	
26 24 16 00-0344	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,680.90	
26 24 16 00-0345	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,823.92	
26 24 16 00-0346	EA	600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,030.48	
26 24 16 00-0347	EA	600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,179.47	
26 24 16 00-0348	EA	600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,373.92	
26 24 16 00-0349		Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*		
26 24 16 00-0350	EA	100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	2,782.30	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0351	EA	100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	2,846.01	
26 24 16 00-0352	EA	100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,138.13	
26 24 16 00-0353	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,105.03	
26 24 16 00-0354	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,224.42	
26 24 16 00-0355	EA	125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,578.84	
26 24 16 00-0356	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,400.09	
26 24 16 00-0357	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,539.38	
26 24 16 00-0358	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,713.45	
26 24 16 00-0359	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,915.87	
26 24 16 00-0360	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,119.01	
26 24 16 00-0361	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,311.08	

26 24 16 00-0362 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: Square D I-Line or equal.

26 24 16 00-0363 Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*

26 24 16 00-0364	EA	400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	1,805.48	359.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.82*	
26 24 16 00-0365	EA	400 Ampere Rating, 45" Breaker Mounted Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,096.50	359.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.76*	
26 24 16 00-0366	EA	400 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,315.67	359.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.76*	
26 24 16 00-0367	EA	600 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,693.48	590.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*354.32*	
26 24 16 00-0368	EA	600 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,863.11	590.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*354.32*	
26 24 16 00-0369	EA	600 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,049.25	590.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*354.32*	
26 24 16 00-0370	EA	800 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,336.82	785.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*470.99*	
26 24 16 00-0371	EA	800 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,500.74	787.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*472.43*	
26 24 16 00-0372	EA	800 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,566.49	785.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*470.99*	
26 24 16 00-0373	EA	800 Ampere Rating, 99" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,104.65	785.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*470.99*	
26 24 16 00-0374	EA	1,200 Ampere Rating, 27" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,395.21	1,181.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*708.65*	
26 24 16 00-0375	EA	1,200 Ampere Rating, 45" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,761.49	1,181.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*708.65*	
26 24 16 00-0376	EA	1,200 Ampere Rating, 63" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,060.97	1,181.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*708.65*	
26 24 16 00-0377	EA	1,200 Ampere Rating, 99" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,426.50	1,181.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*708.65*	

26 24 16 00-0378 Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*

26 24 16 00-0379	EA	225 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,394.62	367.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*220.38*	
26 24 16 00-0380	EA	400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,437.49	416.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*249.98*	
26 24 16 00-0381	EA	400 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,649.16	416.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*249.98*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0382	EA	400 Ampere Rating, 81" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,272.13	416.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*249.98*	
26 24 16 00-0383	EA	600 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,916.40	682.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*409.78*	
26 24 16 00-0384	EA	600 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,266.79	684.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*410.87*	
26 24 16 00-0385	EA	600 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,554.38	682.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*409.78*	
26 24 16 00-0386	EA	800 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	8,759.09	912.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*547.82*	
26 24 16 00-0387	EA	800 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	9,172.21	909.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*545.88*	
26 24 16 00-0388	EA	800 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	9,585.02	909.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*545.88*	

26 24 16 00-0389 Residential Lighting And Power Panelboards *(26 24 16 00-0001)*

See CSI section 26 28 16 13-0001 for circuit breakers.

26 24 16 00-0390 Residential Type Unassembled Load Center *(26 24 16 00-0389)*

Note: Interior box and cover, includes ground bar kit.

26 24 16 00-0391 Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt *(26 24 16 00-0390)*

26 24 16 00-0392	EA	30 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	157.68	60.47
26 24 16 00-0393	EA	70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	538.37	241.91
26 24 16 00-0394	EA	100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	808.74	345.32
26 24 16 00-0395	EA	125 Ampere Rating, 24 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	1,725.65	725.84
26 24 16 00-0396	EA	150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	1,885.34	786.19

26 24 16 00-0397 Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)*

Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta.

26 24 16 00-0398	EA	60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	215.26	66.53
26 24 16 00-0399	EA	125 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	373.92	72.57

26 24 16 00-0400 Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof *(26 24 16 00-0390)*

26 24 16 00-0401	EA	40 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	218.62	66.53
26 24 16 00-0402	EA	70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	243.44	72.57
26 24 16 00-0403	EA	100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	876.02	345.32
26 24 16 00-0404	EA	150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	1,987.73	786.19

26 24 16 00-0405 Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)*

Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.

26 24 16 00-0406	EA	60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	266.46	66.53
26 24 16 00-0407	EA	125 Ampere Rating, 20 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	1,913.03	725.84

26 24 16 00-0408 Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt *(26 24 16 00-0390)*

26 24 16 00-0409	EA	125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	2,044.53	725.84
26 24 16 00-0410	EA	150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	2,218.85	786.19
26 24 16 00-0411	EA	300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	7,413.85	1,209.53

26 24 16 00-0412 Main Breaker Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)*

Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 V Delta.

26 24 16 00-0413	EA	125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	2,894.11	725.84
26 24 16 00-0414	EA	150 Ampere Rating, 40 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	3,155.47	786.19

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0415	EA	300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	8,128.71	1,209.53
26 24 16 00-0416		Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof *(26 24 16 00-0390)*		
26 24 16 00-0417	EA	125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,139.61	725.84
26 24 16 00-0418	EA	150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,381.22	786.19
26 24 16 00-0419		Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)* Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.		
26 24 16 00-0420	EA	125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	3,051.80	725.84
26 24 16 00-0421	EA	155 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	3,172.58	786.19
26 24 16 00-0422		Residential Type Assembled Load Center *(26 24 16 00-0389)*		
26 24 16 00-0423		Main Lug Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase *(26 24 16 00-0422)* Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0424	EA	100 Ampere Rating, Main Lugs, Indoor 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	809.17	345.32
26 24 16 00-0425	EA	100 Ampere Rating, Main Lugs, Indoor 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	980.86	403.38
26 24 16 00-0426	EA	100 Ampere Rating, Main Lugs, Rainproof, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	825.27	345.32
26 24 16 00-0427	EA	100 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	985.25	403.38
26 24 16 00-0428	EA	200 Ampere Rating, Main Lugs, Indoor, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,417.62	537.64
26 24 16 00-0429	EA	200 Ampere Rating, Main Lugs, Indoor, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,675.29	645.29
26 24 16 00-0430	EA	200 Ampere Rating, Main Lugs, Indoor, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,917.43	744.47
26 24 16 00-0431	EA	200 Ampere Rating, Main Lugs, Indoor, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,109.19	805.92
26 24 16 00-0432	EA	200 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,157.76	1,209.53
26 24 16 00-0433	EA	200 Ampere Rating, Main Lugs, Rainproof, 16 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,474.67	537.64
26 24 16 00-0434	EA	200 Ampere Rating, Main Lugs, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,729.41	645.29
26 24 16 00-0435	EA	200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,971.56	744.47
26 24 16 00-0436	EA	200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,160.39	805.92
26 24 16 00-0437	EA	200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,325.98	1,209.53
26 24 16 00-0438	EA	400 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,850.75	1,343.91
26 24 16 00-0439	EA	400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	4,026.28	1,343.91
26 24 16 00-0440		Main Lug Load Center, 4 Wire, 20 Amperes, 120/208 Volt *(26 24 16 00-0422)* Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0441	EA	125 Ampere Rating, Main Lugs, Indoor, 12 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,062.78	403.38
26 24 16 00-0442	EA	125 Ampere Rating, Main Lugs, Indoor, 18 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,585.46	604.77
26 24 16 00-0443	EA	125 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,111.05	403.38
26 24 16 00-0444	EA	125 Ampere Rating, Main Lugs, Rainproof, 18 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,629.35	604.77
26 24 16 00-0445	EA	200 Ampere Rating, Main Lugs, Indoor, 24 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,000.81	744.47
26 24 16 00-0446	EA	200 Ampere Rating, Main Lugs, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,183.19	806.40
26 24 16 00-0447	EA	200 Ampere Rating, Main Lugs, Indoor, 36 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,667.26	967.98
26 24 16 00-0448	EA	200 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,216.27	1,209.53
26 24 16 00-0449	EA	200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,052.01	744.47
26 24 16 00-0450	EA	200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,240.84	805.92
26 24 16 00-0451	EA	200 Ampere Rating, Main Lugs, Rainproof, 36 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,863.50	967.26
26 24 16 00-0452	EA	200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,413.75	1,209.53

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	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0453		EA	400 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,894.63	1,343.91
26 24 16 00-0454		EA	400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	4,070.16	1,343.91
26 24 16 00-0455			Main Breaker Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase *(26 24 16 00-0422)*		
			Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0456		EA	125 Ampere Rating, Main Breaker, Indoor, 12 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,056.92	403.38
26 24 16 00-0457		EA	125 Ampere Rating, Main Breaker, Indoor, 18 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,564.98	604.77
26 24 16 00-0458		EA	200 Ampere Rating, Main Breaker, Indoor, 20 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,795.24	645.29
26 24 16 00-0459		EA	200 Ampere Rating, Main Breaker, Indoor, 24 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,060.05	744.83
26 24 16 00-0460		EA	200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,263.64	806.40
26 24 16 00-0461		EA	200 Ampere Rating, Main Breaker, Indoor, 40 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,999.07	1,075.27
26 24 16 00-0462		EA	200 Ampere Rating, Main Breaker, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,809.87	645.29
26 24 16 00-0463		EA	200 Ampere Rating, Main Breaker, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,088.58	744.47
26 24 16 00-0464		EA	200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,270.10	805.92
26 24 16 00-0465		EA	200 Ampere Rating, Main Breaker, Rainproof, 40 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,918.62	1,075.27
26 24 16 00-0466		EA	400 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	5,357.40	1,343.91
26 24 16 00-0467		EA	400 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	5,649.96	1,343.91
26 24 16 00-0468			Main Breaker Load Center, 4 Wire, 20 Amperes, 120/208 Volt *(26 24 16 00-0422)*		
			Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0469		EA	200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,673.22	806.40
26 24 16 00-0470		EA	200 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,684.36	1,209.53
26 24 16 00-0471		EA	200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,760.13	805.92
26 24 16 00-0472		EA	200 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,772.13	1,209.53
26 24 16 00-0473			Panel Mounted Accessories And Fuseholders *(26 24 16 00-0001)*		
26 24 16 00-0474			Midget Finger-Safe Fuse Holders *(26 24 16 00-0473)*		
			Note: 30 Amp capacity. Excludes fuse.		
26 24 16 00-0475		EA	1 Pole Midget Finger-Safe Fuse Holder	76.49	21.77
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 24 16 00-0476		EA	1 Pole With Indicator Midget Finger-Safe Fuse Holder	89.81	21.77
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 24 16 00-0477		EA	2 Pole Midget Finger-Safe Fuse Holder	123.21	32.65
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 24 16 00-0478		EA	2 Pole With Indicators Midget Finger-Safe Fuse Holder	157.97	32.65
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 24 16 00-0479		EA	3 Pole Midget Finger-Safe Fuse Holder	180.70	43.55
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 24 16 00-0480		EA	3 Pole With Indicators Midget Finger-Safe Fuse Holder	226.86	43.55
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 24 16 00-0481		EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder	265.49	43.55
			Note: With indicators.		
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 24 16 00-0482		EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder	214.29	43.55
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 24 16 00-0483		EA	4 Pole Midget Finger-Safe Fuse Holder	227.55	54.43
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 24 16 00-0484		EA	4 Pole With Indicator Midget Finger-Safe Fuse Holder	278.26	54.43
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 24 16 00-0485		EA	12 To 24 Volt DC Midget Finger-Safe Fuse Holder	89.85	21.77
			Note: With indicator.		
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 24 16 00-0486		EA	20 To 24 Volt DC Midget Finger-Safe Fuse Holder	96.93	21.77
			Note: With indicator.		
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 24 16 00-0487		EA	35 To 48 Volt DC Midget Finger-Safe Fuse Holder	91.16	21.77
			Note: With indicator.		
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 24 16 00-0488			Removal And Reinstallation Of Panelboards *(26 24 16 00-0001)*		
			Note: Includes storage, cleaning and supply materials.		

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SAN BERNARDINO COUNTY

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0489	EA	Removal And Reinstallation Of Up To 42 Circuit Capacity Panelboards With Breakers Note: Includes removal and reinstallation of main wiring to panelboard.	1,517.81	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*453.57*	
26 24 16 00-0490	EA	Removal And Reinstallation Of Breaker, 1-2-3 Pole, Any Amperage	80.32	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.59*	
26 24 16 00-0491	EA	Panelboard Filler Plate, Fits 1" Opening	5.48	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.13*	

26 24 19 Motor-Control Centers *(26 24)*

26 24 19 00-0001 Combination Starters With Molded Case Circuit Breakers *(26 24 19)*

Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.

26 24 19 00-0002 230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed non-reversing.

26 24 19 00-0003	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit	2,406.00	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0004	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit	2,849.02	116.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0005	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit	4,238.26	121.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.93*	
26 24 19 00-0006	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	7,681.08	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0007	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	15,466.46	165.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0008	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	26,019.64	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	

26 24 19 00-0009 480 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed non-reversing.

26 24 19 00-0010	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit	2,406.00	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0011	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit	2,849.02	116.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0012	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	4,238.26	121.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.93*	
26 24 19 00-0013	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	7,681.08	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0014	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	15,466.46	165.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0015	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit	26,019.64	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	

26 24 19 00-0016 230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed reversing.

26 24 19 00-0017	EA	230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit	3,484.78	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0018	EA	230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit	4,643.18	116.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0019	EA	230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit	6,654.09	121.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.93*	
26 24 19 00-0020	EA	230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	11,639.66	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0021	EA	230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	22,905.93	165.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0022	EA	230 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	39,472.41	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	

26 24 19 00-0023 480 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed reversing.

26 24 19 00-0024	EA	480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit	3,484.78	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0025	EA	480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit	4,643.18	116.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0026	EA	480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	6,654.09	121.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.93*	
26 24 19 00-0027	EA	480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	11,639.66	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0028	EA	480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	22,905.93	165.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0029	EA	480 Volt, Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit	39,472.41	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	

26 24 19 00-0030 230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 2-Speed non-reversing, 2 wind.

26 24 19 00-0031	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	4,241.33	176.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0032		EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	5,831.33	187.86
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.71*	
26 24 19 00-0033		EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	8,582.37	198.91
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.34*	
26 24 19 00-0034		EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	15,332.02	226.54
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0035		EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	25,394.98	265.21
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.13*	
26 24 19 00-0036			480 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*		
			Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0037		EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	4,241.33	176.81
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0038		EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	5,831.33	187.86
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.71*	
26 24 19 00-0039		EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	8,582.37	198.91
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.34*	
26 24 19 00-0040		EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	15,332.02	226.54
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0041		EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	25,394.98	265.21
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.13*	
26 24 19 00-0042			230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*		
			Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0043		EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	4,894.97	110.50
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0044		EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	7,282.99	116.03
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0045		EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	9,968.14	121.56
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.93*	
26 24 19 00-0046		EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	18,722.59	143.66
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0047		EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	32,434.41	165.75
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0048			480 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*		
			Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0049		EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	4,894.97	110.50
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0050		EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	7,282.99	116.03
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0051		EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	9,968.14	121.56
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.93*	
26 24 19 00-0052		EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	18,722.59	143.66
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0053		EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	32,434.41	165.75
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0054			230 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)*		
			Note: Reducing volt, auto-transformer.		
26 24 19 00-0055		EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit	7,237.28	116.03
26 24 19 00-0056		EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit	11,078.54	127.08
26 24 19 00-0057		EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	18,670.02	143.66
26 24 19 00-0058		EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	28,878.09	165.75
26 24 19 00-0059		EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	49,400.86	221.01
26 24 19 00-0060			480 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)*		
			Note: Reducing volt, auto-transformer.		
26 24 19 00-0061		EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit	7,237.28	116.03
26 24 19 00-0062		EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	11,078.54	127.08
26 24 19 00-0063		EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	18,670.02	143.66
26 24 19 00-0064		EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	28,878.09	165.75
26 24 19 00-0065		EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit	49,400.86	221.01
26 24 19 00-0066			230 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)*		
			Note: Reducing volt, part winding.		
26 24 19 00-0067		EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit	4,947.56	176.81
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0068		EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit	6,390.14	204.43
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.66*	
26 24 19 00-0069		EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit	11,229.45	226.54
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0070		EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	19,134.07	276.26
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.76*	
26 24 19 00-0071		EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	26,284.88	353.61
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*212.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0072		**480 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)* Note: Reducing volt, part winding.		
26 24 19 00-0073	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit	4,947.56	176.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0074	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit	6,390.14	204.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.66*	
26 24 19 00-0075	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	11,229.45	226.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0076	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	19,134.07	276.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.76*	
26 24 19 00-0077	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit	26,284.88	353.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*212.18*	
26 24 19 00-0078		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)* Note: Reducing volt, energy saver.		
26 24 19 00-0079	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit	20,413.90	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0080	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit	21,657.25	176.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0081	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit	23,915.77	204.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.66*	
26 24 19 00-0082	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	36,205.98	226.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0083	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	49,376.52	276.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.76*	
26 24 19 00-0084	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	67,006.59	353.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*212.18*	
26 24 19 00-0085		**480 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)* Note: Reducing volt, energy saver.		
26 24 19 00-0086	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit	20,413.90	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0087	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit	21,657.25	176.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0088	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	23,915.77	204.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.66*	
26 24 19 00-0089	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	36,205.98	226.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0090	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	49,376.52	276.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.76*	
26 24 19 00-0091	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit	67,006.59	353.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*212.18*	
26 24 19 00-0092		**Combination Starters With Current Limiting Circuit Breakers** *(26 24 19)* Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.		
26 24 19 00-0093		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0094	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit	3,217.37	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0095	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination Starters With Current Limiting Circuit	3,660.39	116.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0096	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination Starters With Current Limiting Circuit	5,657.59	121.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.93*	
26 24 19 00-0097	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit	10,421.46	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0098	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit	18,652.52	165.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0099	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit	30,401.05	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	
26 24 19 00-0100		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)* Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0101	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination Starters With Current Limiting Circuit	3,217.37	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0102	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination Starters With Current Limiting Circuit	3,660.39	116.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0103	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit	5,657.59	121.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.93*	
26 24 19 00-0104	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit	10,421.46	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0105	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit	18,652.52	165.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0106	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination Starters With Current Limiting Circuit	30,401.05	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	
26 24 19 00-0107		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed reversing.		
26 24 19 00-0108	EA	230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit	4,289.30	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0109	EA	230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination Starters With Current Limiting Circuit	5,438.55	116.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0110	EA	230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination Starters With Current Limiting Circuit	8,041.42	121.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.93*	
26 24 19 00-0111	EA	230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit	14,343.47	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0112	EA	230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit	26,028.00	165.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0113		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed reversing.		
26 24 19 00-0114	EA	480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination Starters With Current Limiting Circuit	4,289.30	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0115	EA	480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination Starters With Current Limiting Circuit	5,438.55	116.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0116	EA	480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit	8,041.42	121.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.93*	
26 24 19 00-0117	EA	480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit	14,343.47	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0118	EA	480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination Starters With Current Limiting Circuit	26,028.00	165.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0119		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0120	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	5,032.13	176.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0121	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	6,610.70	187.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.71*	
26 24 19 00-0122	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	9,946.84	198.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.34*	
26 24 19 00-0123	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	18,003.83	226.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0124	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	28,491.90	265.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.13*	
26 24 19 00-0125		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0126	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	5,032.13	176.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0127	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	6,610.70	187.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.71*	
26 24 19 00-0128	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	9,946.84	198.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.34*	
26 24 19 00-0129	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	18,003.83	226.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0130	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	28,491.90	265.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.13*	
26 24 19 00-0131		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0132	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	5,796.28	165.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0133	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	8,170.19	176.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0134	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	11,458.36	187.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.71*	
26 24 19 00-0135	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	21,506.05	215.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.29*	
26 24 19 00-0136	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	35,646.44	254.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*152.50*	
26 24 19 00-0137		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0138	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	5,796.28	165.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0139	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	8,170.19	176.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0140	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	11,458.36	187.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.71*	
26 24 19 00-0141	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	21,506.05	215.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.29*	
26 24 19 00-0142	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	35,646.44	254.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*152.50*	
26 24 19 00-0143		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, auto-transformer.		
26 24 19 00-0144	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination Starters With Current Limiting Circuit	8,005.23	116.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0145	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination Starters With Current Limiting Circuit	12,888.70	127.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.25*	
26 24 19 00-0146	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	21,780.66	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0147	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	32,994.37	165.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0148	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	54,285.09	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	
26 24 19 00-0149		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, auto-transformer.		
26 24 19 00-0150	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination Starters With Current Limiting Circuit	8,005.23	116.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0151	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	12,888.70	127.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.25*	
26 24 19 00-0152	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	21,780.66	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0153	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	32,994.37	165.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0154	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination Starters With Current Limiting Circuit	54,285.09	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	
26 24 19 00-0155		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, part winding.		
26 24 19 00-0156	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination Starters With Current Limiting Circuit	5,738.36	176.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0157	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination Starters With Current Limiting Circuit	7,164.95	204.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.66*	
26 24 19 00-0158	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination Starters With Current Limiting Circuit	12,584.78	226.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0159	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	22,283.56	276.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.76*	
26 24 19 00-0160	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	32,871.85	353.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*212.18*	
26 24 19 00-0161		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, part winding.		
26 24 19 00-0162	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination Starters With Current Limiting Circuit	5,738.36	176.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0163	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination Starters With Current Limiting Circuit	7,164.95	204.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.66*	
26 24 19 00-0164	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	12,584.78	226.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0165	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	22,283.56	276.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.76*	
26 24 19 00-0166	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination Starters With Current Limiting Circuit	32,871.85	353.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*212.18*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0167			230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*		
			Note: Reduced volt, energy saving		
26 24 19 00-0168		EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7.5 HP Combination Starters With Current Limiting Circuit	21,069.85	143.66
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0169		EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination Starters With Current Limiting Circuit	22,306.34	176.81
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0170		EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination Starters With Current Limiting Circuit	24,542.01	204.43
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.66*	
26 24 19 00-0171		EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	36,724.80	226.54
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0172		EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	49,778.78	276.26
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.76*	
26 24 19 00-0173		EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit	69,765.26	353.61
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*212.18*	
26 24 19 00-0174			480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*		
			Note: Reduced volt, energy saving		
26 24 19 00-0175		EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination Starters With Current Limiting Circuit	21,069.90	143.66
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.21*	
26 24 19 00-0176		EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination Starters With Current Limiting Circuit	22,306.34	176.81
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0177		EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	24,542.01	204.43
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.66*	
26 24 19 00-0178		EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	36,724.80	226.54
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0179		EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit	49,778.78	276.26
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.76*	
26 24 19 00-0180		EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination Starters With Current Limiting Circuit	69,765.26	353.61
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*212.18*	
26 24 19 00-0181			Combination Starters With Fusible Switch *(26 24 19)*		
			Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally.		
26 24 19 00-0182			230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*		
			Note: 1-Speed non-reversing.		
26 24 19 00-0183		EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,140.88	110.50
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0184		EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,951.87	116.03
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0185		EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	4,974.21	121.56
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.93*	
26 24 19 00-0186		EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	8,771.29	143.66
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0187		EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	14,236.83	165.75
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0188		EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	25,391.11	221.01
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	
26 24 19 00-0189			480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*		
			Note: 1-Speed non-reversing.		
26 24 19 00-0190		EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,140.88	110.50
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0191		EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,951.87	116.03
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0192		EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	4,974.21	121.56
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.93*	
26 24 19 00-0193		EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	8,771.29	143.66
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0194		EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	14,236.83	165.75
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0195		EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	25,391.11	221.01
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	
26 24 19 00-0196			230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*		
			Note: 1-Speed reversing.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0197	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	3,455.07	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0198	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	5,146.00	116.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0199	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	8,231.12	121.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.93*	
26 24 19 00-0200	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	13,413.25	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0201	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	20,634.09	165.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0202	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	35,072.72	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	

26 24 19 00-0203 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed reversing.

26 24 19 00-0204	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	3,455.07	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0205	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	5,146.00	116.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0206	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	8,231.12	121.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.93*	
26 24 19 00-0207	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	13,413.25	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0208	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	20,634.09	165.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0209	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	35,072.72	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	

26 24 19 00-0210 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 2-Speed non-reversing, 2 wind.

26 24 19 00-0211	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	4,049.34	176.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0212	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	5,566.20	187.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.71*	
26 24 19 00-0213	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	8,753.78	198.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.34*	
26 24 19 00-0214	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	15,629.14	226.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0215	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	24,894.44	265.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.13*	

26 24 19 00-0216 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 2-Speed non-reversing, 2 wind.

26 24 19 00-0217	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	4,049.34	176.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0218	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	5,566.20	187.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.71*	
26 24 19 00-0219	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	8,753.78	198.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.34*	
26 24 19 00-0220	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	15,629.14	226.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0221	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	24,894.44	265.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.13*	

26 24 19 00-0222 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 2-Speed non-reversing, 1 wind.

26 24 19 00-0223	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	4,616.13	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0224	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	7,036.15	116.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0225	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	10,128.13	121.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.93*	
26 24 19 00-0226	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	20,409.33	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	

26 24 19 00-0227 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 2-Speed non-reversing, 1 wind.

26 24 19 00-0228	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	4,616.13	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0229	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	7,036.15	116.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0230	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	10,128.13	121.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.93*	
26 24 19 00-0231	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	20,409.33	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	

26 24 19 00-0232 230 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Auto-transformer.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0233	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	6,988.16	116.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0234	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	12,333.31	127.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.25*	
26 24 19 00-0235	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	20,544.17	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0236	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	27,429.05	165.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0237	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	46,077.66	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	

26 24 19 00-0238 480 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Auto-transformer.

26 24 19 00-0239	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	6,988.16	116.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.62*	
26 24 19 00-0240	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	12,333.31	127.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.25*	
26 24 19 00-0241	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	20,544.17	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0242	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	27,429.05	165.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.46*	
26 24 19 00-0243	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	46,077.66	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	

26 24 19 00-0244 230 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Part winding.

26 24 19 00-0245	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	4,977.28	176.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0246	EA	25 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	6,586.70	204.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.66*	
26 24 19 00-0247	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	10,479.78	226.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0248	EA	75 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	20,877.95	276.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.76*	

26 24 19 00-0249 480 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Part winding.

26 24 19 00-0250	EA	15 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	4,977.28	176.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0251	EA	40 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	6,586.70	204.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.66*	
26 24 19 00-0252	EA	75 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	10,479.78	226.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0253	EA	150 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	20,877.95	276.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.76*	

26 24 19 00-0254 230 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Energy saver.

26 24 19 00-0255	EA	7.5 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	20,411.61	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0256	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	21,657.25	176.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0257	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	23,915.77	204.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.66*	
26 24 19 00-0258	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	36,205.98	226.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0259	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	49,376.52	276.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.76*	
26 24 19 00-0260	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	67,006.59	353.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*212.18*	

26 24 19 00-0261 480 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Energy saver.

26 24 19 00-0262	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	20,411.61	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.19*	
26 24 19 00-0263	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	21,657.25	176.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.08*	
26 24 19 00-0264	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	23,915.77	204.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0265	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	36,205.98	226.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.92*	
26 24 19 00-0266	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	49,376.52	276.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.76*	
26 24 19 00-0267	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	67,006.59	353.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*212.18*	

26 24 19 00-0268 Starter Accessories *(26 24 19)*

Note: Additional options or accessories for the Combination Starters

26 24 19 00-0269 Starter Modifications *(26 24 19 00-0268)*

26 24 19 00-0270	EA	Size 1, 2, 50 VA, 60 Hertz, Standard Control Circuit Transformer	180.33
26 24 19 00-0271	EA	Size 3, 4, 150 VA, 60 Hertz, Standard Control Circuit Transformer	356.55
26 24 19 00-0272	EA	Size 5, 6, 50 VA, 60 Hertz, Control Circuit Transformer	509.68
26 24 19 00-0273	EA	Extra 50 VA, 60 Hertz, Control Circuit Transformer, All Sizes	127.99
26 24 19 00-0274	EA	Extra 100 VA, 60 Hertz, Control Circuit Transformer, All Sizes	180.56
26 24 19 00-0275	EA	Extra 150 VA, 60 Hertz, Control Circuit Transformer, All Sizes	303.98
26 24 19 00-0276	EA	Overload Relay Heater Elements, 3 Per Starter	75.42
26 24 19 00-0277	EA	N.O. Overload Relay Alarm	64.00
26 24 19 00-0278	EA	Control Circuit Fuses, Primary/Secondary	117.16
26 24 19 00-0279	EA	Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton	144.85
26 24 19 00-0280	EA	Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton	283.31
26 24 19 00-0281	EA	Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select	144.85
26 24 19 00-0282	EA	Control Devices Type PB2 Mount On Device, Individual Light Full V	166.15
26 24 19 00-0283	EA	Control Devices Type PB2 Mount On Device, Individual Light Transformer	200.24
26 24 19 00-0284	EA	Control Devices Type PB2 Mount On Device, Individual Light Push To	236.45
26 24 19 00-0285	EA	Blank Devices Panel	44.73
26 24 19 00-0286	EA	Oversize Or Special Color Starter	70.30
26 24 19 00-0287	EA	Mini Voltmeter/Ammeter With Current Transformer	618.95
26 24 19 00-0288	EA	Mini Elapsed Time Meters, Non Resettable	561.44
26 24 19 00-0289	EA	Panel Elapsed Time Meter, Resettable	830.77
26 24 19 00-0290	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Press	70.30
26 24 19 00-0291	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw	100.12
26 24 19 00-0292	EA	Terminal Blocks, Front Mounted, Press Connection, Standard	70.30
26 24 19 00-0293	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In	100.12
26 24 19 00-0294	EA	Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility	100.12
26 24 19 00-0295	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type	144.85
26 24 19 00-0296	EA	MOR - A Solid State Modular Overload Relay	360.00
26 24 19 00-0297	EA	Heater Module	76.29
26 24 19 00-0298	EA	LAM - Long Acceleration Module	473.93
26 24 19 00-0299	EA	JAM - Jam Protection Module	543.29
26 24 19 00-0300	EA	PUM - Phase Unbalance Module	1,031.10
26 24 19 00-0301	EA	ULM - Underload Module	494.74
26 24 19 00-0302	EA	Wiring To Common Control Circuit Transformer	108.66
26 24 19 00-0303	EA	Handle Operator Separable Source Control Circuit	203.45
26 24 19 00-0304	EA	Type SIS Control Wire	85.54
26 24 19 00-0305	EA	Ring Or Spade Terminals Control	108.66
26 24 19 00-0306	EA	Ring Terminals Power	108.66
26 24 19 00-0307	EA	14 Gauge Control Wire	85.54
26 24 19 00-0308	EA	Wiremakers	108.66
26 24 19 00-0309	EA	Wiring Diagram On Door	64.73
26 24 19 00-0310	EA	Special Color Or Type Control Wire	78.60
26 24 19 00-0311	EA	Current Transformer 12.5 VA	617.27
26 24 19 00-0312	EA	Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4	1,972.03
26 24 19 00-0313	EA	Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6	2,219.40

26 24 19 00-0314 Control Relays And Special Components *(26 24 19 00-0268)*

26 24 19 00-0315	EA	600 Volt, 2 Pole, Control Relays	568.96
26 24 19 00-0316	EA	600 Volt, 4 Pole, Control Relays	672.08
26 24 19 00-0317	EA	600 Volt, 6 Pole, Control Relays	786.25
26 24 19 00-0318	EA	600 Volt, 8 Pole, Control Relays	874.63
26 24 19 00-0319	EA	Pneumatic Timer, Control Relays	756.77
26 24 19 00-0320	EA	Motor Driven Timer, Control Relays	1,972.01
26 24 19 00-0321	EA	7 Days Time Switch, Control Relays	2,482.05
26 24 19 00-0322	EA	24 Hour Time Switch, Control Relays	696.00
26 24 19 00-0323	EA	Phase Voltage, Control Relays	1,183.94
26 24 19 00-0324	EA	Two Circuit Alternator, Control Relays	1,657.15
26 24 19 00-0325	EA	Manual 120 Volt, Control Relays	162.03
26 24 19 00-0326	EA	Over-Current Relay, Control Relays	4,411.06
26 24 19 00-0327	EA	UV-Relay, Control Relays	3,735.99
26 24 19 00-0328	EA	Over-Current Relay, Control Relays	3,735.99
26 24 19 00-0329	EA	Teleductor, Control Relays	1,220.77
26 24 19 00-0330	EA	Current Transducer, Control Relays	3,283.00
26 24 19 00-0331	EA	Watt Transducer, Control Relays	6,566.01
26 24 19 00-0332	EA	Control Relays, Blank, Add For Each 1x	222.80
26 24 19 00-0333	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway	333.27
26 24 19 00-0334	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway	375.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0335	EA	Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway	417.97	
26 24 19 00-0336	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway	375.62	
26 24 19 00-0337	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway	417.97	
26 24 19 00-0338	EA	Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway	440.07	
26 24 19 00-0339		**Circuit Breaker Modifications/Accessories** *(26 24 19 00-0268)*		
26 24 19 00-0340	EA	Shunt Trip, Circuit Breaker	391.40	
26 24 19 00-0341	EA	Auxiliary Switch, Circuit Breaker	135.19	
26 24 19 00-0342	EA	Key Interlock, Circuit Breaker	486.25	
26 24 19 00-0343	EA	GFR Ground Fault, Circuit Breaker	2,241.56	
26 24 19 00-0344	EA	Seltronic Breaker, Circuit Breaker	1,298.49	
26 24 19 00-0345		**Incoming Line And Feeder Circuit Breakers** *(26 24 19 00-0268)*		
26 24 19 00-0346	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100	1,511.22	71.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.09*	
26 24 19 00-0347	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150	2,617.47	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0348	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100	2,523.05	71.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.09*	
26 24 19 00-0349	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150	3,627.17	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0350	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150	4,658.18	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0351	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250	2,879.79	143.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.21*	
26 24 19 00-0352	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400	4,669.95	154.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.84*	
26 24 19 00-0353	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600	6,159.79	198.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.29*	
26 24 19 00-0354	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800	7,247.75	303.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*182.39*	
26 24 19 00-0355	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200	10,265.16	458.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*275.38*	
26 24 19 00-0356	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000	22,492.90	607.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*364.35*	
26 24 19 00-0357	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500	33,606.21	762.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*457.06*	
26 24 19 00-0358	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000	56,057.29	883.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*530.87*	
26 24 19 00-0359	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	1,815.83	71.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.09*	
26 24 19 00-0360	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150	2,913.56	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0361	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	1,815.83	71.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.09*	
26 24 19 00-0362	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50	2,913.56	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0363	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150	3,087.55	71.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.09*	
26 24 19 00-0364	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150	4,227.88	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0365	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	5,246.11	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0366	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100	2,766.58	110.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0367	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400	7,009.17	303.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*182.39*	
26 24 19 00-0368	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225	7,009.17	303.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*182.39*	
26 24 19 00-0369	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400	9,439.09	331.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*198.82*	
26 24 19 00-0370	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600	11,786.25	386.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*231.96*	
26 24 19 00-0371	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800	13,562.69	458.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*275.38*	
26 24 19 00-0372		**Incoming Line And Feeder Fusible Switches** *(26 24 19 00-0268)*		
26 24 19 00-0373	EA	30 To 60 Amperes, Incoming Line And Feeder Fusible Switches	1,853.20	110.50
26 24 19 00-0374	EA	Incoming Line And Feeder Fusible Switches, 30 Dual / 60 Dual	2,868.11	110.50
26 24 19 00-0375	EA	100 Amperes, Incoming Line And Feeder Fusible Switches	2,615.20	138.13
26 24 19 00-0376	EA	200 Amperes, Incoming Line And Feeder Fusible Switches	4,248.99	165.75
26 24 19 00-0377	EA	400 Amperes, Incoming Line And Feeder Fusible Switches	8,367.74	209.95
26 24 19 00-0378	EA	600 Amperes, Incoming Line And Feeder Fusible Switches	11,735.98	276.26
26 24 19 00-0379	EA	800 Amperes, Incoming Line And Feeder Fusible Switches	28,523.85	370.19
26 24 19 00-0380	EA	1,200 Amperes, Incoming Line And Feeder Fusible Switches	32,188.17	513.85
26 24 19 00-0381		**Dry Type Distribution Transformers** *(26 24 19 00-0268)*		
26 24 19 00-0382	EA	500 VA, Phase 1, Dry Type Distribution Transformers	1,452.78	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0383	EA	750 VA, Phase 1, Dry Type Distribution Transformers	1,499.65	
26 24 19 00-0384	EA	1,000 VA, Phase 1, Dry Type Distribution Transformers	1,548.64	
26 24 19 00-0385	EA	1,500 VA, Phase 1, Dry Type Distribution Transformers	1,776.57	
26 24 19 00-0386	EA	2,000 VA, Phase 1, Dry Type Distribution Transformers	1,925.69	
26 24 19 00-0387	EA	3,000 VA, Phase 1, Dry Type Distribution Transformers	2,480.65	
26 24 19 00-0388	EA	5,000 VA, Phase 1, Dry Type Distribution Transformers	2,620.12	
26 24 19 00-0389	EA	7,500 VA, Phase 1, Dry Type Distribution Transformers	2,952.43	
26 24 19 00-0390	EA	9,000 VA, Phase 3, Dry Type Distribution Transformers	6,863.45	
26 24 19 00-0391	EA	10,000 VA, Phase 1, Dry Type Distribution Transformers	3,642.61	
26 24 19 00-0392	EA	15,000 VA, Phase 1, Dry Type Distribution Transformers	5,046.40	
26 24 19 00-0393	EA	15,000 VA, Phase 3, Dry Type Distribution Transformers	7,864.64	
26 24 19 00-0394	EA	20,000 VA, Phase 1, Dry Type Distribution Transformers	7,283.10	
26 24 19 00-0395	EA	30,000 VA, Phase 1, Dry Type Distribution Transformers	10,092.81	
26 24 19 00-0396	EA	30,000 VA, Phase 3, Dry Type Distribution Transformers	11,859.93	
26 24 19 00-0397	EA	45,000 VA, Phase 1, Dry Type Distribution Transformers	16,428.20	

26 24 19 00-0398 Metering Equipment *(26 24 19 00-0268)*

26 24 19 00-0399	EA	Metering Equipment, Voltmeter, Panel Type	685.92	
26 24 19 00-0400	EA	Metering Equipment, Voltmeter, Switchboard Type	1,499.65	
26 24 19 00-0401	EA	Metering Equipment, Ammeter, Panel	617.75	
26 24 19 00-0402	EA	Metering Equipment, Ammeter, Switchboard Type	1,499.65	
26 24 19 00-0403	EA	Metering Equipment, Voltmeter/Ammeter, Switch	832.90	
26 24 19 00-0404	EA	Metering Equipment, Control Switch, 4 Circuits	884.03	
26 24 19 00-0405	EA	Add For Additional Circuits	127.15	
26 24 19 00-0406	EA	Metering Equipment, Indicating Wattmeter	3,093.03	
26 24 19 00-0407	EA	Metering Equipment, Indicating Power Factor	3,240.01	
26 24 19 00-0408	EA	Metering Equipment, Integrating Watt-hour	2,856.58	
26 24 19 00-0409	EA	Add For Demand Attachment	832.28	
26 24 19 00-0410	EA	800 Amperes, Metering Equipment, Current Transformer	854.20	
26 24 19 00-0411	EA	1,000 Amperes, Metering Equipment, Current Transformer	1,474.09	
26 24 19 00-0412	EA	2,000 Amperes, Metering Equipment, Current Transformer	1,716.93	
26 24 19 00-0413	EA	Metering Equipment, Potential Transformer	1,431.48	
26 24 19 00-0414	EA	Metering Equipment, Surge Arrester	1,540.12	
26 24 19 00-0415	EA	Metering Equipment, Ground Detector System	1,177.99	

26 24 19 00-0416 Current Limiting Reactors *(26 24 19 00-0268)*

26 24 19 00-0417	EA	600 Amperes, Current Limiting Reactors	26,292.85	
26 24 19 00-0418	EA	800 Amperes, Current Limiting Reactors	38,290.04	
26 24 19 00-0419	EA	1,000 Amperes, Current Limiting Reactors	50,314.92	
26 24 19 00-0420	EA	1,200 Amperes, Current Limiting Reactors	76,588.60	

26 24 19 00-0421 Incoming Line Cable Space Requirements, Main Lugs Only *(26 24 19 00-0268)*

26 24 19 00-0422	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Screw	495.96	
26 24 19 00-0423	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp	495.96	
26 24 19 00-0424	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Screw	685.67	
26 24 19 00-0425	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp	1,254.77	
26 24 19 00-0426	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Screw	685.67	
26 24 19 00-0427	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp	875.37	
26 24 19 00-0428	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Screw	875.37	
26 24 19 00-0429	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp	1,252.48	
26 24 19 00-0430	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Screw	875.37	
26 24 19 00-0431	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp	1,252.48	
26 24 19 00-0432	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Screw	1,065.07	
26 24 19 00-0433	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp	3,453.47	
26 24 19 00-0434	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Screw	1,065.07	
26 24 19 00-0435	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Crimp	1,252.48	
26 24 19 00-0436	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Screw	3,453.47	
26 24 19 00-0437	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Crimp	3,453.47	
26 24 19 00-0438	EA	Bus Duct Transition Pull Box	1,036.34	
26 24 19 00-0439	EA	Throat And Transition To Substation	2,000.64	
26 24 19 00-0440	EA	Service Entrance Label	433.27	
26 24 19 00-0441	EA	Type W To 5 Star - 10" Transition	905.64	
26 24 19 00-0442	EA	600 Amperes, Sub Feed Lugs On Main Bus	552.54	

26 24 19 00-0443 Standard Structures And Structure Options/Modifications *(26 24 19 00-0268)*

26 24 19 00-0444	EA	Standard Structure Add For Each Additional 4" Of Structure Width	286.10	
26 24 19 00-0445	EA	Standard Structure Add For 8" Vertical Wireway In Lieu Of 4"	286.10	
26 24 19 00-0446	EA	Standard Structure Single Corner Section "L", 16" Depth	885.06	
26 24 19 00-0447	EA	Standard Structure Single Corner Section "L", 21" Depth	998.26	
26 24 19 00-0448	EA	Standard Structure Unused Space/Future Space	85.42	
26 24 19 00-0449	EA	Standard Structure NEMA 12 Dustproof	230.53	
26 24 19 00-0450	EA	Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure	48.37	
26 24 19 00-0451	EA	Standard Structure 150 Watt Space	207.89	
26 24 19 00-0452	EA	Standard Structure Thermostat For Space Heater Control	672.76	
26 24 19 00-0453	EA	Standard Structure Rear Hinged Structure Door, 72" High	207.89	
26 24 19 00-0454	EA	Standard Structure NEMA 2 Drip Shield On Top Of MCC	434.63	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0455	EA	Standard Structure NEMA 3R N-Walk In Front Mounted	6,200.46	
26 24 19 00-0456	EA	Standard Structure NEMA 3R N-Walk In Back-to-back	7,166.82	
26 24 19 00-0457	EA	Standard Structure NEMA 3R Walk-In Aisle Front Mounted	7,173.76	
26 24 19 00-0458		Installation Hours For Vertical Sections *(26 24 19 00-0268)*		
26 24 19 00-0459	EA	Install Vertical Section, 230/480 Volt, 1 Section, 600 Amperes	663.00	331.51
26 24 19 00-0460	EA	Install Vertical Section, 230/480 Volt, 2 Section, 600 Amperes	994.49	497.27
26 24 19 00-0461	EA	Install Vertical Section, 230/480 Volt, 3 Section, 600 Amperes	1,105.04	552.52
26 24 19 00-0462	EA	Install Vertical Section, 230/480 Volt, 4 Section, 600 Amperes	1,326.17	663.03
26 24 19 00-0463	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 600 Amperes	110.50	55.25
26 24 19 00-0464	EA	Install Vertical Section, 230/480 Volt, 1 Section, 800 Amperes	663.00	331.51
26 24 19 00-0465	EA	Install Vertical Section, 230/480 Volt, 2 Section, 800 Amperes	994.49	497.27
26 24 19 00-0466	EA	Install Vertical Section, 230/480 Volt, 3 Section, 800 Amperes	1,105.04	552.52
26 24 19 00-0467	EA	Install Vertical Section, 230/480 Volt, 4 Section, 800 Amperes	1,326.17	663.03
26 24 19 00-0468	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 800 Amperes	110.50	55.25
26 24 19 00-0469	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,200 Amperes	773.55	386.76
26 24 19 00-0470	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,200 Amperes	994.49	497.27
26 24 19 00-0471	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,200 Amperes	1,326.17	663.03
26 24 19 00-0472	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,200 Amperes	1,546.86	773.42
26 24 19 00-0473	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 1,200 Amperes	165.75	82.88
26 24 19 00-0474	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,600 Amperes	884.03	442.01
26 24 19 00-0475	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,600 Amperes	1,215.65	607.78
26 24 19 00-0476	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,600 Amperes	1,546.86	773.42
26 24 19 00-0477	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,600 Amperes	1,767.76	883.92
26 24 19 00-0478	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 1,600 Amperes	221.01	110.50
26 24 19 00-0479	EA	Install Vertical Section, 230/480 Volt, 1 Section, 2,000 Amperes	884.03	442.01
26 24 19 00-0480	EA	Install Vertical Section, 230/480 Volt, 2 Section, 2,000 Amperes	1,326.17	663.03
26 24 19 00-0481	EA	Install Vertical Section, 230/480 Volt, 3 Section, 2,000 Amperes	1,657.39	828.67
26 24 19 00-0482	EA	Install Vertical Section, 230/480 Volt, 4 Section, 2,000 Amperes	1,878.69	939.40
26 24 19 00-0483	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 2,000 Amperes	221.01	110.50
26 24 19 00-0484		Motor Control Centers *(26 24 19)*		
26 24 19 00-0485		2.4 KV Motor Control Centers *(26 24 19 00-0484)*		
26 24 19 00-0486	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp	16,737.49	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	
26 24 19 00-0487	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 400 Hp	16,737.49	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	
26 24 19 00-0488	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 600 Hp	16,737.49	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	
26 24 19 00-0489	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 700 Hp	16,792.78	248.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*149.19*	
26 24 19 00-0490	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,000 Hp	17,834.69	276.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.76*	
26 24 19 00-0491	EA	2,400 KV CL 11-202, Squirrel Cage Motor Control, 1,250 Hp	17,889.93	303.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*182.33*	
26 24 19 00-0492	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,500 Hp	17,945.17	331.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*198.90*	
26 24 19 00-0493	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,750 Hp	18,055.72	386.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.07*	
26 24 19 00-0494	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,000 Hp	18,166.20	442.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*265.21*	
26 24 19 00-0495	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,250 Hp	30,575.51	497.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*298.35*	
26 24 19 00-0496	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,500 Hp	32,818.93	552.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*331.51*	
26 24 19 00-0497	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 100 Hp	24,826.42	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	
26 24 19 00-0498	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 150 Hp	25,864.23	237.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*142.55*	
26 24 19 00-0499	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 200 Hp	29,382.78	259.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.81*	
26 24 19 00-0500	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 300 Hp	32,704.94	276.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.76*	
26 24 19 00-0501	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 400 Hp	35,584.04	320.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*192.29*	
26 24 19 00-0502	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 600 Hp	38,986.97	342.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.54*	
26 24 19 00-0503	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 700 Hp	42,387.90	364.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*218.79*	
26 24 19 00-0504	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,000 Hp	46,422.98	397.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.70*	
26 24 19 00-0505	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,250 Hp	54,020.24	442.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*265.21*	
26 24 19 00-0506	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,500 Hp	58,526.67	469.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*281.81*	
26 24 19 00-0507	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,750 Hp	89,369.71	552.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*331.51*	
26 24 19 00-0508	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,000 Hp	95,221.11	607.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*364.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0509	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,250 Hp	100,314.96	663.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*397.85*	
26 24 19 00-0510	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,500 Hp	109,232.12	718.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*431.04*	
26 24 19 00-0511	EA	2.4 KV CL 14-202, Synchronous Motor Control, 100 To 300 Hp	23,425.11	221.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.60*	
26 24 19 00-0512	EA	2.4 KV CL 14-202, Synchronous Motor Control, 400 Hp	23,480.40	248.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*149.19*	
26 24 19 00-0513	EA	2.4 KV CL 14-202, Synchronous Motor Control, 600 Hp	23,535.62	276.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.76*	
26 24 19 00-0514	EA	2.4 KV CL 14-202, Synchronous Motor Control, 700 Hp	23,590.86	303.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*182.33*	
26 24 19 00-0515	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,000 Hp	23,650.09	331.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*198.90*	
26 24 19 00-0516	EA	2,400 Volt CL 14-202, Synchronous Motor Control, 1,250 HP	23,705.39	359.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.49*	
26 24 19 00-0517	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,500 Hp	23,760.64	386.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.07*	
26 24 19 00-0518	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,750 Hp	23,981.58	497.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*298.35*	
26 24 19 00-0519	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,000 Hp	40,842.08	552.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*331.51*	
26 24 19 00-0520	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,250 Hp	40,952.69	607.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*364.70*	
26 24 19 00-0521	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,500 Hp	43,184.11	663.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*397.85*	
26 24 19 00-0522	EA	Add For Reversing Starters, 100 To 700 HP	9,210.93	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0523	EA	Add For Reversing Starters, 1,000 To 1,500 Hp	9,490.00	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0524	EA	Add For Reversing Starters, 1,750 To 2,500 HP	14,523.16	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	

26 24 19 00-0525 4.8 KV Motor Control Centers *(26 24 19 00-0484)*

26 24 19 00-0526	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP	18,224.24	331.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*198.90*	
26 24 19 00-0527	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 700 HP	18,279.54	359.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.49*	
26 24 19 00-0528	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,000 HP	18,334.79	386.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.07*	
26 24 19 00-0529	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,250 HP	18,390.07	414.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*248.65*	
26 24 19 00-0530	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,500 HP	19,422.00	442.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*265.21*	
26 24 19 00-0531	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,750 HP	19,477.32	469.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*281.81*	
26 24 19 00-0532	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,000 HP	19,532.46	497.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*298.35*	
26 24 19 00-0533	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,250 HP	19,587.81	524.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*314.95*	
26 24 19 00-0534	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,500 HP	19,643.01	552.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*331.51*	
26 24 19 00-0535	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,000 HP	33,260.32	718.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*431.04*	
26 24 19 00-0536	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,500 HP	33,370.38	773.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*464.06*	
26 24 19 00-0537	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,000 HP	35,603.81	828.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*497.22*	
26 24 19 00-0538	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,500 HP	35,714.18	883.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*530.33*	
26 24 19 00-0539	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 100 HP	25,330.46	331.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*198.90*	
26 24 19 00-0540	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 150 HP	25,664.83	359.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.49*	
26 24 19 00-0541	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 200 HP	29,926.01	386.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.07*	
26 24 19 00-0542	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 300 HP	33,260.32	414.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*248.65*	
26 24 19 00-0543	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 400 HP	36,106.18	442.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*265.21*	
26 24 19 00-0544	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 600 HP	39,520.26	469.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*281.81*	
26 24 19 00-0545	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 700 HP	42,724.86	497.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*298.35*	
26 24 19 00-0546	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,000 HP	46,956.24	524.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*314.95*	
26 24 19 00-0547	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,250 HP	54,386.76	552.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*331.51*	
26 24 19 00-0548	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,500 HP	59,437.33	580.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*348.10*	
26 24 19 00-0549	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,750 HP	64,543.14	635.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*381.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0550	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,000 HP	68,762.53	663.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*397.85*	
26 24 19 00-0551	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,250 HP	72,742.54	690.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*414.39*	
26 24 19 00-0552	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,500 HP	78,309.59	718.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*431.04*	
26 24 19 00-0553	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,000 HP	124,108.41	883.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*530.33*	
26 24 19 00-0554	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,500 HP	138,013.19	939.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*563.61*	
26 24 19 00-0555	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,000 HP	165,880.61	994.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*596.70*	
26 24 19 00-0556	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,500 HP	175,458.57	994.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*596.70*	
26 24 19 00-0557	EA	4.8 KV CL 14-202, Synchronous Motor Control, 100 To 600 HP	25,018.43	386.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.07*	
26 24 19 00-0558	EA	4.8 KV CL 14-202, Synchronous Motor Control, 700 HP	25,073.71	414.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*248.65*	
26 24 19 00-0559	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,000 HP	25,128.91	442.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*265.21*	
26 24 19 00-0560	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,250 HP	25,184.23	469.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*281.81*	
26 24 19 00-0561	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,500 HP	27,340.34	497.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*298.35*	
26 24 19 00-0562	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,750 HP	27,395.69	524.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*314.95*	
26 24 19 00-0563	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,000 HP	27,450.89	552.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*331.51*	
26 24 19 00-0564	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,250 HP	27,506.17	580.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*348.10*	
26 24 19 00-0565	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,500 HP	27,561.50	607.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*364.70*	
26 24 19 00-0566	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,000 HP	27,892.71	773.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*464.06*	
26 24 19 00-0567	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,500 HP	45,032.26	828.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*497.22*	
26 24 19 00-0568	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,000 HP	47,255.56	883.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*530.33*	
26 24 19 00-0569	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,500 HP	47,255.56	883.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*530.33*	
26 24 19 00-0570	EA	Add For Reversing Starters, 100 To 1,250 HP	10,528.86	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0571	EA	Add For Reversing Starters, 1,500 To 2,500 HP	10,848.84	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	
26 24 19 00-0572	EA	Add For Reversing Starters, 3,000 To 4,500 HP	16,619.86	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.30*	

26 24 19 00-0573 2.4/4.8 KV Motor Control Centers, Accessories *(26 24 19 00-0484)*

26 24 19 00-0574	EA	2.4/4.8 KV Load Break Disconnect Switch 600 Amperes	13,698.22	221.01
26 24 19 00-0575	EA	2.4/4.8 KV Load Break Disconnect Switch 1,200 Amperes	16,458.46	331.51
26 24 19 00-0576	EA	2.4/4.8 KV NEMA 3 Weather Resistant	5,396.19	
26 24 19 00-0577	EA	2.4/4.8 KV Space Heaters	266.60	16.57
26 24 19 00-0578	EA	2.4/4.8 KV Potential Transformer Fused	1,563.32	
26 24 19 00-0579	EA	2.4/4.8 KV Current Transformer 600 Volt, 5 KVA	838.80	
26 24 19 00-0580	EA	2.4/4.8 KV Control Transformer 4 KVA Max	2,498.11	
26 24 19 00-0581	EA	2.4/4.8 KV Pushbuttons Each	159.99	
26 24 19 00-0582	EA	2.4/4.8 KV Selector Switch Each	530.25	
26 24 19 00-0583	EA	2.4/4.8 KV Indicating Light	159.99	
26 24 19 00-0584	EA	2.4/4.8 KV Push To Test Light	484.54	
26 24 19 00-0585	EA	2.4/4.8 KV AC Voltmeter, Switchboard Type	1,289.05	
26 24 19 00-0586	EA	2.4/4.8 KV AC Ammeter, Switchboard Type	1,289.05	
26 24 19 00-0587	EA	2.4/4.8 KV Power Factor Meter	3,855.73	
26 24 19 00-0588	EA	2.4/4.8 KV Watt Hr Meter, 2 Element Drawout	2,658.10	
26 24 19 00-0589	EA	2.4/4.8 KV Operation Counter	517.69	16.57
26 24 19 00-0590	EA	2.4/4.8 KV Phase Failure Protection	3,726.25	55.25
26 24 19 00-0591	EA	2.4/4.8 KV Ground Protection	7,122.18	27.63
26 24 19 00-0592	EA	2.4/4.8 KV Synchronous Motor DC Protection	2,774.15	27.63
26 24 19 00-0593	EA	2.4/4.8 KV Lightning Arresters	5,103.10	16.57
26 24 19 00-0594	EA	2.4/4.8 KV Portable Lifting Mechanism	7,390.20	
26 24 19 00-0595	EA	2.4/4.8 KV Auxiliary Timing Relay	600.80	55.25
26 24 19 00-0596	EA	2.4/4.8 KV Auxiliary Control Relay	434.73	55.25

26 24 19 00-0597 Incoming Section And Feeder Air Circuit Breakers *(26 24 19 00-0484)*

Note: 3 Pole. Includes structure.

26 24 19 00-0598	EA	Incoming Section MCC, Air Circuit Breaker, 70 - 100 Amperes, 14,000 Ampere IC, 3-Pole, With Structure Included	1,271.29	331.41
26 24 19 00-0599	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 225 Amperes, 22,000 Ampere IC, 3-Pole, With Structure Included	2,205.37	586.62
26 24 19 00-0600	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	2,631.92	751.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0601	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 600 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	4,227.75	1,209.53
26 24 19 00-0602	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 1,200 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	4,977.51	1,330.49
26 24 19 00-0603	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 2,000 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	6,444.00	1,475.63
26 24 19 00-0604	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 45,000 Ampere IC, 3-Pole, With Structure Included	7,498.71	1,729.63
26 24 19 00-0605	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 100,000 Ampere IC, 3-Pole, With Structure Included	13,046.61	2,015.08

26 24 19 00-0606 Main Lugs Only *(26 24 19 00-0484)*

26 24 19 00-0607	EA	600 Amperes Incoming Section, Main Lugs	1,000.76	423.34
26 24 19 00-0608	EA	800 Amperes Incoming Section, Main Lugs	1,086.39	423.34
26 24 19 00-0609	EA	1,200 Amperes Incoming Section, Main Lugs	1,520.64	665.24
26 24 19 00-0610	EA	2,000 Amperes Incoming Section, Main Lugs	3,764.21	1,209.53
26 24 19 00-0611	EA	3,000 Amperes Incoming Section, Main Lugs	5,729.40	1,753.82
26 24 19 00-0612	EA	4,000 Amperes Incoming Section, Main Lugs	8,188.39	2,419.06

26 24 19 00-0613 Incoming Main Circuit Breaker Structure *(26 24 19 00-0484)*

Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

26 24 19 00-0614	EA	225 Amperes, Main Circuit Breaker Section	6,868.47	585.30
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0615	EA	400 Amperes, Main Circuit Breaker Section	14,606.67	751.85
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0616	EA	600 Amperes, Main Circuit Breaker Section	15,145.03	1,171.06
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0617	EA	800 Amperes, Main Circuit Breaker Section	21,545.49	1,171.06
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0618	EA	1,200 Amperes, Main Circuit Breaker Section	31,204.62	1,325.05
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	

26 24 19 00-0619 Incoming Fusible Main Disconnect Section *(26 24 19 00-0484)*

Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

26 24 19 00-0620	EA	200 Amperes, Fusible Main Disconnect Section	5,959.76	586.02
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0621	EA	400 Amperes, Fusible Main Disconnect Section	8,231.88	752.21
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0622	EA	600 Amperes, Fusible Main Disconnect Section	16,098.03	1,172.04
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0623	EA	800 Amperes, Fusible Main Disconnect Section	18,723.62	1,172.04
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0624	EA	1,200 Amperes, Fusible Main Disconnect Section	26,387.45	1,326.25
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0625		**Circuit Breaker Combination Starters** *(26 24 19 00-0484)*		
26 24 19 00-0626		**Class I, Type A** *(26 24 19 00-0625)*		
26 24 19 00-0627	EA	Size 1, Class I, Type A Circuit Breaker Combination Starter	1,061.68	245.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*139.99*	
26 24 19 00-0628	EA	Size 2, Class I, Type A Circuit Breaker Combination Starter	1,235.18	245.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.07*	
26 24 19 00-0629	EA	Size 3, Class I, Type A Circuit Breaker Combination Starter	1,793.44	348.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*208.54*	
26 24 19 00-0630	EA	Size 4, Class I, Type A Circuit Breaker Combination Starter	2,921.82	458.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*274.89*	
26 24 19 00-0631	EA	Size 5, Class I, Type A Circuit Breaker Combination Starter	5,237.69	573.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*343.62*	
26 24 19 00-0632		**Class I, Type B** *(26 24 19 00-0625)*		
26 24 19 00-0633	EA	Size 1, Class I, Type B Circuit Breaker Combination Starter	1,005.04	214.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*120.95*	
26 24 19 00-0634	EA	Size 2, Class I, Type B Circuit Breaker Combination Starter	1,172.32	214.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.21*	
26 24 19 00-0635	EA	Size 3, Class I, Type B Circuit Breaker Combination Starter	1,718.58	309.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*186.08*	
26 24 19 00-0636	EA	Size 4, Class I, Type B Circuit Breaker Combination Starter	2,845.46	419.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*251.99*	
26 24 19 00-0637	EA	Size 5, Class I, Type B Circuit Breaker Combination Starter	5,176.11	535.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*325.14*	
26 24 19 00-0638		**Class I, Type C** *(26 24 19 00-0625)*		
26 24 19 00-0639	EA	Size 1, Class I, Type C Circuit Breaker Combination Starter	1,059.25	198.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.56*	
26 24 19 00-0640	EA	Size 2, Class I, Type C Circuit Breaker Combination Starter	1,237.27	198.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*128.67*	
26 24 19 00-0641	EA	Size 3, Class I, Type C Circuit Breaker Combination Starter	1,838.38	296.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.87*	
26 24 19 00-0642	EA	Size 4, Class I, Type C Circuit Breaker Combination Starter	2,972.16	410.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*245.84*	
26 24 19 00-0643	EA	Size 5, Class I, Type C Circuit Breaker Combination Starter	5,293.81	526.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*314.98*	
26 24 19 00-0644		**Class II, Type B** *(26 24 19 00-0625)*		
26 24 19 00-0645	EA	Size 1, Class II, Type B Circuit Breaker Combination Starter	1,064.33	293.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*166.15*	
26 24 19 00-0646	EA	Size 2, Class II, Type B Circuit Breaker Combination Starter	1,468.46	293.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*185.51*	
26 24 19 00-0647	EA	Size 3, Class II, Type B Circuit Breaker Combination Starter	2,079.55	391.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*234.41*	
26 24 19 00-0648	EA	Size 4, Class II, Type B Circuit Breaker Combination Starter	3,391.27	501.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*302.38*	
26 24 19 00-0649	EA	Size 5, Class II, Type B Circuit Breaker Combination Starter	6,107.89	613.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*368.76*	
26 24 19 00-0650		**Class II, Type C** *(26 24 19 00-0625)*		
26 24 19 00-0651	EA	Size 1, Class II, Type C Circuit Breaker Combination Starter	1,325.68	278.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.15*	
26 24 19 00-0652	EA	Size 2, Class II, Type C Circuit Breaker Combination Starter	1,521.62	278.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.78*	
26 24 19 00-0653	EA	Size 3, Class II, Type C Circuit Breaker Combination Starter	2,205.42	379.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*227.36*	
26 24 19 00-0654	EA	Size 4, Class II, Type C Circuit Breaker Combination Starter	3,509.09	489.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*293.58*	
26 24 19 00-0655	EA	Size 5, Class II, Type C Circuit Breaker Combination Starter	6,242.45	604.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*364.32*	
26 24 19 00-0656		**Fused Disconnect Combination Starter** *(26 24 19 00-0484)*		
26 24 19 00-0657		**Class I, Type A** *(26 24 19 00-0656)*		
26 24 19 00-0658	EA	Size 1, Class I, Type A Fused Disconnect Combination Starter	969.73	226.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.21*	
26 24 19 00-0659	EA	Size 2, Class I, Type A Fused Disconnect Combination Starter	1,459.67	309.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*185.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0660	EA	Size 3, Class I, Type A Fused Disconnect Combination Starter	2,313.24	402.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*241.91*	
26 24 19 00-0661	EA	Size 4, Class I, Type A Fused Disconnect Combination Starter	3,165.57	564.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*339.76*	
26 24 19 00-0662	EA	Size 5, Class I, Type A Fused Disconnect Combination Starter	5,524.92	719.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*431.98*	

26 24 19 00-0663 Class I, Type B *(26 24 19 00-0656)*

26 24 19 00-0664	EA	Size 1, Class I, Type B Fused Disconnect Combination Starter	985.27	201.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*120.95*	
26 24 19 00-0665	EA	Size 2, Class I, Type B Fused Disconnect Combination Starter	1,327.38	276.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*166.15*	
26 24 19 00-0666	EA	Size 3, Class I, Type B Fused Disconnect Combination Starter	1,960.96	370.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.34*	
26 24 19 00-0667	EA	Size 4, Class I, Type B Fused Disconnect Combination Starter	3,273.92	534.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*321.68*	
26 24 19 00-0668	EA	Size 5, Class I, Type B Fused Disconnect Combination Starter	5,616.61	679.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*408.63*	

26 24 19 00-0669 Class I, Type C *(26 24 19 00-0656)*

26 24 19 00-0670	EA	Size 1, Class I, Type C Fused Disconnect Combination Starter	1,040.89	188.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.25*	
26 24 19 00-0671	EA	Size 2, Class I, Type C Fused Disconnect Combination Starter	1,399.52	256.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.07*	
26 24 19 00-0672	EA	Size 3, Class I, Type C Fused Disconnect Combination Starter	2,128.21	356.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*215.99*	
26 24 19 00-0673	EA	Size 4, Class I, Type C Fused Disconnect Combination Starter	3,440.02	526.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*314.98*	
26 24 19 00-0674	EA	Size 5, Class I, Type C Fused Disconnect Combination Starter	5,315.42	672.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*403.18*	

26 24 19 00-0675 Class II, Type B *(26 24 19 00-0656)*

26 24 19 00-0676	EA	Size 1, Class II, Type B Fused Disconnect Combination Starter	1,245.01	283.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.88*	
26 24 19 00-0677	EA	Size 2, Class II, Type B Fused Disconnect Combination Starter	1,607.33	353.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*211.46*	
26 24 19 00-0678	EA	Size 3, Class II, Type B Fused Disconnect Combination Starter	2,326.23	454.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*272.42*	
26 24 19 00-0679	EA	Size 4, Class II, Type B Fused Disconnect Combination Starter	3,777.95	613.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*368.76*	
26 24 19 00-0680	EA	Size 5, Class II, Type B Fused Disconnect Combination Starter	6,456.09	765.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*458.15*	

26 24 19 00-0681 Class II, Type C *(26 24 19 00-0656)*

26 24 19 00-0682	EA	Size 1, Class II, Type C Fused Disconnect Combination Starter	1,290.53	266.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.15*	
26 24 19 00-0683	EA	Size 2, Class II, Type C Fused Disconnect Combination Starter	1,679.07	333.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*200.25*	
26 24 19 00-0684	EA	Size 3, Class II, Type C Fused Disconnect Combination Starter	2,465.61	434.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*260.67*	
26 24 19 00-0685	EA	Size 4, Class II, Type C Fused Disconnect Combination Starter	3,927.19	598.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*359.98*	
26 24 19 00-0686	EA	Size 5, Class II, Type C Fused Disconnect Combination Starter	6,599.62	741.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*444.68*	

26 24 19 00-0687 Space Complete With Bus And Hardware *(26 24 19 00-0484)*

26 24 19 00-0688 Circuit Breaker Type *(26 24 19 00-0687)*

26 24 19 00-0689	EA	Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware	300.08	82.25
26 24 19 00-0690	EA	Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware	300.08	82.25
26 24 19 00-0691	EA	Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware	445.90	119.75
26 24 19 00-0692	EA	Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware	529.60	157.24
26 24 19 00-0693	EA	Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware	888.47	239.49

26 24 19 00-0694 Fused Disconnect Type *(26 24 19 00-0687)*

26 24 19 00-0695	EA	Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware	300.08	82.25
26 24 19 00-0696	EA	Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware	398.11	119.75
26 24 19 00-0697	EA	Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware	552.99	157.24
26 24 19 00-0698	EA	Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware	953.74	239.49
26 24 19 00-0699	EA	Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware	1,329.83	348.34

26 24 19 00-0700 Blank Space For Future Expansion *(26 24 19 00-0687)*

Note: Factory modified no labor costs.

26 24 19 00-0701	EA	Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs	136.19	
26 24 19 00-0702	EA	Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs	136.19	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0703	EA	Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs	206.48	
26 24 19 00-0704	EA	Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs	206.48	
26 24 19 00-0705	EA	Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs	410.77	
26 24 19 00-0706		Structure Combination Of Starters To 72" High *(26 24 19 00-0687)*		
26 24 19 00-0707	EA	Structure Combination Of Starters To 72" High	3,487.14	636.58
26 24 19 00-0708		Motor Control Center Basic Distribution Section *(26 24 19 00-0484)*		
26 24 19 00-0709	EA	20" Wide Basic Section With Vertical Wireway	5,855.44	1,657.78
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0710	EA	25"-35" Wide Basic Section (No Vertical Wireway)	5,855.44	1,657.78
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0711	EA	25" Wide Basic Section With 9" Wide Vertical Wireway	6,453.92	1,657.78
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0712	EA	Corner Section	6,453.92	1,657.78
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0713		Motor Control Center Starters With HMCP Circuit Breaker *(26 24 19 00-0484)*		
		Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		
26 24 19 00-0714		FVNR Starters With HMCP Circuit Breaker *(26 24 19 00-0713)*		
26 24 19 00-0715	EA	Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker	1,506.99	232.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*139.69*	
26 24 19 00-0716	EA	Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker	1,677.30	258.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*154.94*	
26 24 19 00-0717	EA	Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker	2,901.64	347.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*208.30*	
26 24 19 00-0718	EA	Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker	4,205.83	457.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*274.64*	
26 24 19 00-0719	EA	Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker	9,558.36	571.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*343.23*	
26 24 19 00-0720	EA	Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker	22,308.00	571.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*343.23*	
26 24 19 00-0721	EA	Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker	1,519.36	201.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*120.83*	
26 24 19 00-0722	EA	Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker	1,713.55	226.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.07*	
26 24 19 00-0723	EA	Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker	2,963.83	309.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*185.78*	
26 24 19 00-0724	EA	Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker	4,206.11	419.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*251.85*	
26 24 19 00-0725	EA	Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker	9,574.35	541.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*325.14*	
26 24 19 00-0726	EA	Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker	22,461.17	541.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*325.14*	
26 24 19 00-0727		Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker *(26 24 19 00-0713)*		
26 24 19 00-0728	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,408.57	291.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*174.79*	
26 24 19 00-0729	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,952.71	322.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0730	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	4,860.00	433.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*259.93*	
26 24 19 00-0731	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	8,349.99	572.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*343.62*	
26 24 19 00-0732	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	15,059.75	716.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*429.93*	
26 24 19 00-0733	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,443.48	251.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*150.94*	
26 24 19 00-0734	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	3,012.59	283.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*170.20*	
26 24 19 00-0735	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	4,944.34	387.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.60*	
26 24 19 00-0736	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	8,368.95	524.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*314.98*	
26 24 19 00-0737	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	15,097.04	677.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*406.79*	

26 24 19 00-0738 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker *(26 24 19 00-0713)*

26 24 19 00-0739	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,637.38	291.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*174.79*	
26 24 19 00-0740	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	3,747.46	322.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.42*	
26 24 19 00-0741	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	7,061.20	433.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*259.93*	
26 24 19 00-0742	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	9,614.57	572.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*343.62*	
26 24 19 00-0743	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	19,247.05	716.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*429.93*	
26 24 19 00-0744	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,672.29	251.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*150.94*	
26 24 19 00-0745	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	3,807.34	283.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*170.20*	
26 24 19 00-0746	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	7,145.53	387.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.60*	
26 24 19 00-0747	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	9,633.53	524.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*314.98*	
26 24 19 00-0748	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	19,284.34	677.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*406.79*	

26 24 19 00-0749 Motor Control Center Starters With Fusible Disconnect *(26 24 19 00-0484)*

Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.

26 24 19 00-0750 FVNR Starters With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0751	EA	Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect	1,218.27	227.03
26 24 19 00-0752	EA	Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect	1,588.81	308.55
26 24 19 00-0753	EA	Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect	2,642.35	402.05
26 24 19 00-0754	EA	Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect	4,448.80	566.30
26 24 19 00-0755	EA	Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect	8,913.00	719.91
26 24 19 00-0756	EA	Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect	22,525.93	719.91
26 24 19 00-0757	EA	Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect	1,241.12	201.27
26 24 19 00-0758	EA	Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect	1,623.65	276.38
26 24 19 00-0759	EA	Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect	2,716.56	370.60
26 24 19 00-0760	EA	Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect	4,464.83	536.19
26 24 19 00-0761	EA	Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect	8,911.44	681.09
26 24 19 00-0762	EA	Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect	22,661.66	681.09

26 24 19 00-0763 Two Speed 2-Winding (TS2W) With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0764	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,092.29	284.24
26 24 19 00-0765	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,914.62	385.72
26 24 19 00-0766	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	4,506.99	502.32
26 24 19 00-0767	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	9,426.61	709.87
26 24 19 00-0768	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	15,317.08	830.71
26 24 19 00-0769	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,140.42	251.59
26 24 19 00-0770	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,970.89	345.20
26 24 19 00-0771	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	4,605.36	463.74
26 24 19 00-0772	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	9,459.35	668.99
26 24 19 00-0773	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	15,336.80	783.42

26 24 19 00-0774 Two Speed 1-Winding (TS1W) With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0775	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,437.04	284.24
26 24 19 00-0776	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,721.57	385.72
26 24 19 00-0777	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	6,731.06	502.32
26 24 19 00-0778	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	9,890.34	709.87
26 24 19 00-0779	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	18,653.19	830.71
26 24 19 00-0780	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,486.19	251.59
26 24 19 00-0781	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,777.84	345.20
26 24 19 00-0782	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	6,829.44	463.74

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0783		EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	9,923.09	668.99
26 24 19 00-0784		EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	18,672.91	783.42
26 24 19 00-0785			Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit *(26 24 19 00-0484)*		
			Note: Per section. Labor is included in basic distribution section.		
26 24 19 00-0786		EA	600 Amperes, Horizontal Tin Plated Copper Bus Kit	262.16	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.09*	
26 24 19 00-0787		EA	800 Amperes, Horizontal Tin Plated Copper Bus Kit	321.14	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.09*	
26 24 19 00-0788		EA	1,200 Amperes, Horizontal Tin Plated Copper Bus Kit	386.18	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.91*	
26 24 19 00-0789		EA	1,600 Amperes, Horizontal Tin Plated Copper Bus Kit	502.11	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.91*	
26 24 19 00-0790		EA	2,000 Amperes, Horizontal Tin Plated Copper Bus Kit	841.72	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.72*	
26 24 19 00-0791		EA	1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit	150.33	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 24 19 00-0792			Disconnect Switch For Motor Control Centers *(26 24 19 00-0484)*		
26 24 19 00-0793			3 Pole Circuit Breaker Disconnect For Motor Control Center *(26 24 19 00-0792)*		
			Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0794		EA	150 Amperes Rating, 15 To 100 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	910.20	174.78
26 24 19 00-0795		EA	150 Amperes Rating, 125 To 150 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	1,569.33	193.53
26 24 19 00-0796		EA	225 Amperes Rating, 70 To 225 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	1,919.68	260.66
26 24 19 00-0797		EA	400 Amperes Rating, 125 To 400 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	3,166.72	343.51
26 24 19 00-0798		EA	600 Amperes Rating, 300 To 600 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	5,436.79	429.38
26 24 19 00-0799		EA	800 Amperes Rating, 400 To 800 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	6,189.36	429.38
26 24 19 00-0800		EA	1,200 Amperes Rating, 600 To 1,200 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	12,678.42	537.64
26 24 19 00-0801			Fusible Disconnect Switch For Motor Control Center *(26 24 19 00-0792)*		
			Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0802		EA	30 Amperes Switch Rating, Fusible Disconnect Switch With 30 Amperes Fuse Clips	843.26	169.94
26 24 19 00-0803		EA	60 Amperes Switch Rating, Fusible Disconnect Switch With 60 Amperes Fuse Clips	997.18	231.62
26 24 19 00-0804		EA	100 Amperes Switch Rating, Fusible Disconnect Switch With 100 Amperes Fuse Clips	1,364.54	296.34
26 24 19 00-0805		EA	200 Amperes Switch Rating, Fusible Disconnect Switch With 200 Amperes Fuse Clips	2,531.70	424.55
26 24 19 00-0806		EA	400 Amperes Switch Rating, Fusible Disconnect Switch With 400 Amperes Fuse Clips	4,477.07	539.94
26 24 19 00-0807		EA	600 Amperes Switch Rating, Fusible Disconnect Switch With 600 Amperes Fuse Clips	10,212.68	539.94
26 24 19 00-0808		EA	800 Amperes Switch Rating, Fusible Disconnect Switch With 800 Amperes Fuse Clips	12,625.89	674.92
26 24 19 00-0809		EA	1,200 Amperes Switch Rating, Fusible Disconnect Switch With 1,200 Amperes Fuse Clips	18,629.98	674.92
26 24 19 00-0810			Control Circuit Transformer *(26 24 19 00-0484)*		
26 24 19 00-0811		EA	Control Circuit Transformer, Size 1 Factory Installed	72.66	
26 24 19 00-0812		EA	Control Circuit Transformer, Size 2 Factory Installed	72.66	
26 24 19 00-0813		EA	Control Circuit Transformer, Size 3 Factory Installed	139.93	
26 24 19 00-0814		EA	Control Circuit Transformer, Size 4 Factory Installed	139.93	
26 24 19 00-0815		EA	Control Circuit Transformer, Size 5 Factory Installed	194.40	
26 24 19 00-0816		EA	Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay	55.21	13.69
26 24 19 00-0817			Cover Mounted Control Devices *(26 24 19 00-0484)*		
26 24 19 00-0818		EA	Control Device, 2 Unit Push Button Station Cover Mounted	123.06	24.19
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.12*	
26 24 19 00-0819		EA	Control Device, 2-3 Unit Selector Switch Cover Mounted	138.35	24.19
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.90*	
26 24 19 00-0820		EA	Control Device, Pilot Light Cover Mounted	115.79	24.19
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.33*	
26 24 19 00-0821		EA	Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light	315.94	82.25
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.57*	
26 24 19 00-0822		EA	Auxiliary Contact Add Per Starter	375.44	31.33
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.80*	
26 24 19 00-0823			Extra Interlocks *(26 24 19 00-0484)*		
			Note: Per contact.		
26 24 19 00-0824		EA	Extra Interlocks, Class I, Type A Per Contact	80.28	15.72
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.33*	
26 24 19 00-0825		EA	Extra Interlocks, Class I, Type B Per Contact	110.66	15.72
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.33*	
26 24 19 00-0826		EA	Extra Interlocks, Class I, Type C Per Contact	122.62	15.72
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.45*	
26 24 19 00-0827		EA	Extra Interlocks, Class II, Type B Per Contact	110.24	15.72
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.56*	
26 24 19 00-0828		EA	Extra Interlocks, Class II, Type C Per Contact	116.22	15.72
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.71*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0829		**Special Cabinet Provisions** *(26 24 19 00-0484)*		
26 24 19 00-0830	EA	Provisions For Bus Duct Entrance Special Cabinet Provisions	909.56	
26 24 19 00-0831		**Nameplate Requirements** *(26 24 19 00-0484)*		
26 24 19 00-0832	EA	Special Cabinet Nameplate Requirements	32.29	
26 24 19 00-0833		**Auxiliary Relays** *(26 24 19 00-0484)*		
26 24 19 00-0834	EA	Industrial Control Relay, 10 Amperes, Class A600 With 2 Contacts	180.17	30.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.17*	
26 24 19 00-0835	EA	Timing Relay, Solid State, DPDT 0.1-10 Sec Variable, Off-Delay	170.45	27.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.17*	
26 24 19 00-0836	EA	General Purpose Control Relay, 240 Volt AC, 10 Amperes, With Base	97.94	27.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.17*	
26 24 19 00-0837		**Motor Control Center Accessories** *(26 24 19 00-0484)*		
26 24 19 00-0838		**Lighting Transformer With Circuit Breaker** *(26 24 19 00-0837)*		
		Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only.		
26 24 19 00-0839	EA	1 Phase, 5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	5,300.59	388.17
26 24 19 00-0840	EA	1 Phase, 7.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	5,511.04	403.70
26 24 19 00-0841	EA	1 Phase, 10 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	6,029.12	434.75
26 24 19 00-0842	EA	1 Phase, 15 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	7,571.90	465.81
26 24 19 00-0843	EA	1 Phase, 25 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	10,169.28	496.86
26 24 19 00-0844	EA	1 Phase, 37.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	12,487.41	558.97
26 24 19 00-0845	EA	1 Phase, 50 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	16,397.70	621.08
26 24 19 00-0846	EA	3 Phase, 10 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	9,591.12	512.39
26 24 19 00-0847	EA	3 Phase, 15 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	10,420.47	558.97
26 24 19 00-0848	EA	3 Phase, 25 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	11,916.44	621.08
26 24 19 00-0849	EA	3 Phase, 30 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	12,644.26	683.19
26 24 19 00-0850	EA	3 Phase, 37.5 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	15,248.31	745.29
26 24 19 00-0851	EA	3 Phase, 45 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	15,736.93	807.40
26 24 19 00-0852		**Bolt-On Lighting Panel** *(26 24 19 00-0837)*		
		Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only.		
26 24 19 00-0853	EA	18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	2,245.58	629.44
26 24 19 00-0854	EA	30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	3,503.04	1,095.60
26 24 19 00-0855	EA	42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	4,655.76	1,482.28
26 24 19 00-0856	EA	18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	2,348.79	681.09
26 24 19 00-0857	EA	30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	3,456.42	1,072.25
26 24 19 00-0858	EA	42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	4,841.04	1,574.93
26 24 19 00-0859	EA	18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	3,784.80	730.08
26 24 19 00-0860	EA	30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	5,042.52	1,172.04
26 24 19 00-0861	EA	42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	6,302.40	1,574.93
26 24 19 00-0862	EA	18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	3,899.63	787.40
26 24 19 00-0863	EA	30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	5,042.52	1,172.04
26 24 19 00-0864	EA	42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	6,404.01	1,625.73
26 24 19 00-0865		**Factory Installed Bolt-On Branch Circuit Breaker** *(26 24 19 00-0837)*		
		Note: For MCC lighting panel only.		
26 24 19 00-0866	EA	15 To 30 Amperes,1 Pole, Bolt-On Branch Circuit Breaker	22.49	
26 24 19 00-0867	EA	15 To 30 Amperes, 1 Pole (GFI) Bolt-On Branch Circuit Breaker	280.31	
26 24 19 00-0868	EA	15 To 50 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker	43.95	
26 24 19 00-0869	EA	60 To 100 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker	101.19	
26 24 19 00-0870	EA	15 To 50 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker	118.57	
26 24 19 00-0871	EA	60 To 100 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker	179.89	
26 24 19 00-0872		**Blank Unit Door (BUD)** *(26 24 19 00-0837)*		
		Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed.		
26 24 19 00-0873	EA	6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	74.75	
26 24 19 00-0874	EA	12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	89.70	
26 24 19 00-0875	EA	18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	134.55	
26 24 19 00-0876	EA	24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	179.40	
26 24 19 00-0877	EA	30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	269.10	
26 24 19 00-0878	EA	48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	313.95	
26 24 19 00-0879	EA	72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	358.80	

26 25 Enclosed Bus Assemblies *(26 20)*

26 25 13 Low-Voltage Busways *(26 25)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0001		**Plug-In Bus Duct** *(26 25 13)* Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
26 25 13 00-0002		**600 Volt, 3-Phase, 3-Wire, Copper Conductors** *(26 25 13 00-0001)*		
26 25 13 00-0003	LF	225 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	267.92	36.29
		For Up To 25, Add	*66.98*	
		For >25 To 50, Add	*40.19*	
		For >50 To 100, Add	*20.09*	
26 25 13 00-0004	LF	400 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	376.06	36.29
		For Up To 25, Add	*94.02*	
		For >25 To 50, Add	*56.41*	
		For >50 To 100, Add	*28.20*	
26 25 13 00-0005	LF	600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	475.10	48.38
		For Up To 25, Add	*118.78*	
		For >25 To 50, Add	*71.27*	
		For >50 To 100, Add	*35.63*	
26 25 13 00-0006	LF	800 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	651.74	48.38
		For Up To 25, Add	*162.94*	
		For >25 To 50, Add	*97.76*	
		For >50 To 100, Add	*48.88*	
26 25 13 00-0007	LF	1,000 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	687.83	60.47
		For Up To 25, Add	*171.96*	
		For >25 To 50, Add	*103.17*	
		For >50 To 100, Add	*51.59*	
26 25 13 00-0008	LF	1,350 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	953.04	60.47
		For Up To 25, Add	*238.26*	
		For >25 To 50, Add	*142.96*	
		For >50 To 100, Add	*71.48*	
26 25 13 00-0009	LF	1,600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,112.77	63.50
		For Up To 25, Add	*278.19*	
		For >25 To 50, Add	*166.92*	
		For >50 To 100, Add	*83.46*	
26 25 13 00-0010	LF	2,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,350.95	65.31
		For Up To 25, Add	*337.74*	
		For >25 To 50, Add	*202.64*	
		For >50 To 100, Add	*101.32*	
26 25 13 00-0011	LF	2,500 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,663.45	68.94
		For Up To 25, Add	*415.86*	
		For >25 To 50, Add	*249.52*	
		For >50 To 100, Add	*124.76*	
26 25 13 00-0012	LF	3,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,920.99	80.44
		For Up To 25, Add	*480.25*	
		For >25 To 50, Add	*288.15*	
		For >50 To 100, Add	*144.07*	
26 25 13 00-0013	LF	4,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	2,221.32	87.69
		For Up To 25, Add	*555.33*	
		For >25 To 50, Add	*333.20*	
		For >50 To 100, Add	*166.60*	
26 25 13 00-0014		**277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors** *(26 25 13 00-0001)*		
26 25 13 00-0015	LF	225 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	430.47	36.29
		For Up To 25, Add	*107.62*	
		For >25 To 50, Add	*64.57*	
		For >50 To 100, Add	*32.29*	
26 25 13 00-0016	LF	400 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	618.16	36.29
		For Up To 25, Add	*154.54*	
		For >25 To 50, Add	*92.72*	
		For >50 To 100, Add	*46.36*	
26 25 13 00-0017	LF	600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	698.93	48.38
		For Up To 25, Add	*174.73*	
		For >25 To 50, Add	*104.84*	
		For >50 To 100, Add	*52.42*	
26 25 13 00-0018	LF	800 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	886.32	48.38
		For Up To 25, Add	*221.58*	
		For >25 To 50, Add	*132.95*	
		For >50 To 100, Add	*66.47*	
26 25 13 00-0019	LF	1,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,079.32	60.47
		For Up To 25, Add	*269.83*	
		For >25 To 50, Add	*161.90*	
		For >50 To 100, Add	*80.95*	
26 25 13 00-0020	LF	1,350 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,394.43	60.47
		For Up To 25, Add	*348.61*	
		For >25 To 50, Add	*209.16*	
		For >50 To 100, Add	*104.58*	
26 25 13 00-0021	LF	1,600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,799.91	62.65
		For Up To 25, Add	*449.98*	
		For >25 To 50, Add	*269.99*	
		For >50 To 100, Add	*134.99*	
26 25 13 00-0022	LF	2,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,164.47	65.31
		For Up To 25, Add	*541.12*	
		For >25 To 50, Add	*324.67*	
		For >50 To 100, Add	*162.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0023	LF	2,500 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,680.43	68.34
		For Up To 25, Add	*670.11*	
		For >25 To 50, Add	*402.06*	
		For >50 To 100, Add	*201.03*	
26 25 13 00-0024	LF	3,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,094.46	80.44
		For Up To 25, Add	*773.62*	
		For >25 To 50, Add	*464.17*	
		For >50 To 100, Add	*232.08*	
26 25 13 00-0025	LF	4,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,585.26	87.69
		For Up To 25, Add	*896.32*	
		For >25 To 50, Add	*537.79*	
		For >50 To 100, Add	*268.89*	
26 25 13 00-0026		Cable Tap Boxes *(26 25 13 00-0001)*		
26 25 13 00-0027		600 Volt, 3-Phase, 3-Wire, Copper Conductors *(26 25 13 00-0026)*		
26 25 13 00-0028	EA	225 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,160.28	169.34
26 25 13 00-0029	EA	400 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,238.81	169.34
26 25 13 00-0030	EA	600 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,424.12	229.81
26 25 13 00-0031	EA	800 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,583.95	229.81
26 25 13 00-0032	EA	1,000 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,774.22	302.38
26 25 13 00-0033	EA	1,350 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	3,040.60	302.38
26 25 13 00-0034		277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors *(26 25 13 00-0026)*		
26 25 13 00-0035	EA	225 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,238.81	332.62
26 25 13 00-0036	EA	400 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,438.00	332.62
26 25 13 00-0037	EA	600 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,610.47	453.57
26 25 13 00-0038	EA	800 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,934.19	453.57
26 25 13 00-0039	EA	1,000 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,091.67	604.77
26 25 13 00-0040	EA	1,350 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,515.14	604.77
26 25 13 00-0041		Bus Duct Plug-In Circuit Breaker *(26 25 13 00-0001)*		
26 25 13 00-0042		240 Volt, 3-Phase *(26 25 13 00-0041)*		
26 25 13 00-0043	EA	60 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker	983.21	120.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.17*	
26 25 13 00-0044	EA	100 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker	1,936.44	120.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.94*	
26 25 13 00-0045		600 Volt, 3-Phase *(26 25 13 00-0041)*		
26 25 13 00-0046	EA	60 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker	1,873.87	120.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.17*	
26 25 13 00-0047	EA	100 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker	2,426.77	120.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.94*	
26 25 13 00-0048		120/208 Volt, 3-Phase, 4-Wire *(26 25 13 00-0041)*		
26 25 13 00-0049	EA	60 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker	1,131.98	145.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.60*	
26 25 13 00-0050	EA	100 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker	1,354.06	145.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.49*	
26 25 13 00-0051		277/480 Volt, 3-Phase, 4-Wire *(26 25 13 00-0041)*		
26 25 13 00-0052	EA	60 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	1,291.07	145.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.60*	
26 25 13 00-0053	EA	100 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	1,977.03	145.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.49*	
26 25 13 00-0054	EA	225 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	2,921.58	501.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*217.54*	
26 25 13 00-0055	EA	400 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	6,953.38	501.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*472.47*	
26 25 13 00-0056	EA	600 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	7,823.09	1,451.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*657.35*	
26 25 13 00-0057	EA	800 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	9,931.01	1,451.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,163.01*	
26 25 13 00-0058		Bus Duct Plug-In Fusible Switch *(26 25 13 00-0001)*		
26 25 13 00-0059		240 Volt, 3-Pole, 3-Fuse *(26 25 13 00-0058)*		
26 25 13 00-0060	EA	30 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	981.03	120.96
26 25 13 00-0061	EA	60 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,079.91	120.96
26 25 13 00-0062	EA	100 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,488.83	145.14
26 25 13 00-0063	EA	200 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,515.44	290.28
26 25 13 00-0064	EA	400 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,333.27	653.15
26 25 13 00-0065	EA	600 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	9,508.68	1,136.96

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0066		**600 Volt, 3-Pole, 3-Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0067	EA	30 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,016.94	133.04
26 25 13 00-0068	EA	60 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,113.45	133.04
26 25 13 00-0069	EA	100 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,498.80	133.04
26 25 13 00-0070	EA	200 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,573.27	278.20
26 25 13 00-0071	EA	400 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,300.97	628.95
26 25 13 00-0072	EA	600 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	9,737.77	1,209.53
26 25 13 00-0073	EA	800 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	15,890.54	1,572.39
26 25 13 00-0074		**120/208 Volt, 4-pole, 3 Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0075	EA	30 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,134.36	157.24
26 25 13 00-0076	EA	60 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,221.56	157.24
26 25 13 00-0077	EA	100 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,651.21	157.24
26 25 13 00-0078	EA	200 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,798.18	326.57
26 25 13 00-0079	EA	400 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,957.11	725.72
26 25 13 00-0080	EA	600 AAmperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	10,134.62	1,112.76
26 25 13 00-0081		**277/480 Volt, 4-pole, 3-Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0082	EA	30 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,170.94	157.24
26 25 13 00-0083	EA	60 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,258.15	133.42
26 25 13 00-0084	EA	100 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,759.47	181.43
26 25 13 00-0085	EA	200 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,914.16	326.57
26 25 13 00-0086	EA	400 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,957.11	725.72
26 25 13 00-0087	EA	600 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	10,134.62	1,112.76
26 25 13 00-0088	EA	800 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	15,983.96	1,475.63
26 25 13 00-0089		**Non-Segregated Bus Duct** *(26 25 13)*		
		Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
26 25 13 00-0090		**600 Volt, 3 Phase, 3 Wire, Totally Enclosed Non-Ventilated, Copper Conductors** *(26 25 13 00-0089)*		
		Note: Hazardous or seismic locations.		
26 25 13 00-0091	LF	1,200 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	1,422.91	50.80
		For Up To 25, Add	*355.73*	
		For >25 To 50, Add	*213.44*	
		For >50 To 100, Add	*106.72*	
26 25 13 00-0092	LF	1,600 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	1,579.22	54.43
		For Up To 25, Add	*394.81*	
		For >25 To 50, Add	*236.88*	
		For >50 To 100, Add	*118.44*	
26 25 13 00-0093	LF	2,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	2,099.13	62.90
		For Up To 25, Add	*524.78*	
		For >25 To 50, Add	*314.87*	
		For >50 To 100, Add	*157.43*	
26 25 13 00-0094	LF	2,500 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	2,335.26	74.99
		For Up To 25, Add	*583.82*	
		For >25 To 50, Add	*350.29*	
		For >50 To 100, Add	*175.14*	
26 25 13 00-0095	LF	3,200 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	3,230.61	87.08
		For Up To 25, Add	*807.65*	
		For >25 To 50, Add	*484.59*	
		For >50 To 100, Add	*242.30*	
26 25 13 00-0096	LF	4,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	4,639.57	108.86
		For Up To 25, Add	*1,159.89*	
		For >25 To 50, Add	*695.94*	
		For >50 To 100, Add	*347.97*	
26 25 13 00-0097	LF	5,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	5,050.65	129.42
		For Up To 25, Add	*1,262.66*	
		For >25 To 50, Add	*757.60*	
		For >50 To 100, Add	*378.80*	
26 25 13 00-0098	LF	6,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Non-Segregated Bus Duct	5,732.88	149.98
		For Up To 25, Add	*1,433.22*	
		For >25 To 50, Add	*859.93*	
		For >50 To 100, Add	*429.97*	
26 25 13 00-0099		**600 Volt, 3 Phase, 4 Wire, Totally Enclosed Non-Ventilated, Copper Conductors** *(26 25 13 00-0089)*		
		Note: Hazardous or seismic locations.		
26 25 13 00-0100	LF	1,200 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	1,819.17	50.80
		For Up To 25, Add	*454.79*	
		For >25 To 50, Add	*272.88*	
		For >50 To 100, Add	*136.44*	
26 25 13 00-0101	LF	1,600 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	2,019.93	54.43
		For Up To 25, Add	*504.98*	
		For >25 To 50, Add	*302.99*	
		For >50 To 100, Add	*151.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0102	LF	2,000 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	2,690.93	62.90
		For Up To 25, Add	*672.73*	
		For >25 To 50, Add	*403.64*	
		For >50 To 100, Add	*201.82*	
26 25 13 00-0103	LF	2,500 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	2,990.77	74.99
		For Up To 25, Add	*747.69*	
		For >25 To 50, Add	*448.62*	
		For >50 To 100, Add	*224.31*	
26 25 13 00-0104	LF	3,200 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	4,146.84	87.08
		For Up To 25, Add	*1,036.71*	
		For >25 To 50, Add	*622.03*	
		For >50 To 100, Add	*311.01*	
26 25 13 00-0105	LF	4,000 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	5,965.39	108.86
		For Up To 25, Add	*1,491.35*	
		For >25 To 50, Add	*894.81*	
		For >50 To 100, Add	*447.40*	
26 25 13 00-0106	LF	5,000 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	6,488.32	129.42
		For Up To 25, Add	*1,622.08*	
		For >25 To 50, Add	*973.25*	
		For >50 To 100, Add	*486.62*	
26 25 13 00-0107	LF	6,000 Amperes, 600 Volt, 3 Phase, 4 Wire Copper Conductors, Non-Segregated Bus Duct	7,362.38	149.98
		For Up To 25, Add	*1,840.60*	
		For >25 To 50, Add	*1,104.36*	
		For >50 To 100, Add	*552.18*	

26 25 16 Low-Voltage Cablebus Systems *(26 25)*

26 25 16 00-0001 Feeder Bus Duct *(26 25 16)*

Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.

26 25 16 00-0002 600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance *(26 25 16 00-0001)*

Note: Copper conductors.

26 25 16 00-0003	LF	800 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	777.01	50.80
		For Up To 25, Add	*194.25*	
		For >25 To 50, Add	*116.55*	
		For >50 To 100, Add	*58.28*	
26 25 16 00-0004	LF	1,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	788.26	50.80
		For Up To 25, Add	*197.07*	
		For >25 To 50, Add	*118.24*	
		For >50 To 100, Add	*59.12*	
26 25 16 00-0005	LF	1,350 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,029.42	50.80
		For Up To 25, Add	*257.36*	
		For >25 To 50, Add	*154.41*	
		For >50 To 100, Add	*77.21*	
26 25 16 00-0006	LF	1,600 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,234.92	50.80
		For Up To 25, Add	*308.73*	
		For >25 To 50, Add	*185.24*	
		For >50 To 100, Add	*92.62*	
26 25 16 00-0007	LF	2,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,508.49	50.80
		For Up To 25, Add	*377.12*	
		For >25 To 50, Add	*226.27*	
		For >50 To 100, Add	*113.14*	
26 25 16 00-0008	LF	3,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	2,059.00	120.96
		For Up To 25, Add	*514.75*	
		For >25 To 50, Add	*308.85*	
		For >50 To 100, Add	*154.43*	
26 25 16 00-0009	LF	4,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	2,843.20	120.96
		For Up To 25, Add	*710.80*	
		For >25 To 50, Add	*426.48*	
		For >50 To 100, Add	*213.24*	
26 25 16 00-0010	LF	5,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	3,363.94	120.96
		For Up To 25, Add	*840.99*	
		For >25 To 50, Add	*504.59*	
		For >50 To 100, Add	*252.30*	
26 25 16 00-0011	LF	6,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	4,141.46	120.96
		For Up To 25, Add	*1,035.37*	
		For >25 To 50, Add	*621.22*	
		For >50 To 100, Add	*310.61*	

26 25 16 00-0012 277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated *(26 25 16 00-0001)*

Note: Low impedance, copper conductors.

26 25 16 00-0013	LF	800 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	889.51	54.43
		For Up To 25, Add	*222.38*	
		For >25 To 50, Add	*133.43*	
		For >50 To 100, Add	*66.71*	
26 25 16 00-0014	LF	1,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	904.46	54.43
		For Up To 25, Add	*226.12*	
		For >25 To 50, Add	*135.67*	
		For >50 To 100, Add	*67.83*	
26 25 16 00-0015	LF	1,350 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,161.95	54.43
		For Up To 25, Add	*290.49*	
		For >25 To 50, Add	*174.29*	
		For >50 To 100, Add	*87.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 16 00-0016	LF	1,600 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,377.30	54.43
		For Up To 25, Add	*344.33*	
		For >25 To 50, Add	*206.60*	
		For >50 To 100, Add	*103.30*	
26 25 16 00-0017	LF	2,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,663.09	54.43
		For Up To 25, Add	*415.77*	
		For >25 To 50, Add	*249.46*	
		For >50 To 100, Add	*124.73*	
26 25 16 00-0018	LF	3,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	2,553.18	93.14
		For Up To 25, Add	*638.30*	
		For >25 To 50, Add	*382.98*	
		For >50 To 100, Add	*191.49*	
26 25 16 00-0019	LF	4,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	3,201.87	93.14
		For Up To 25, Add	*800.47*	
		For >25 To 50, Add	*480.28*	
		For >50 To 100, Add	*240.14*	
26 25 16 00-0020	LF	5,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	3,788.95	172.96
		For Up To 25, Add	*947.24*	
		For >25 To 50, Add	*568.34*	
		For >50 To 100, Add	*284.17*	
26 25 16 00-0021	LF	6,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	4,670.13	172.96
		For Up To 25, Add	*1,167.53*	
		For >25 To 50, Add	*700.52*	
		For >50 To 100, Add	*350.26*	

26 27 Low-Voltage Distribution Equipment *(26 20)*

26 27 13 Electricity Metering *(26 27)*

26 27 13 00-0001 Revenue Metering *(26 27 13)*

26 27 13 00-0002 Meter Socket Base *(26 27 13 00-0001)*

Note: NEMA 3R.

26 27 13 00-0003	EA	100 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	275.10	78.62
26 27 13 00-0004	EA	100 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	291.64	78.62
26 27 13 00-0005	EA	200 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	375.44	96.76
26 27 13 00-0006	EA	200 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	380.14	96.76
26 27 13 00-0007	EA	200 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	734.16	108.86
26 27 13 00-0008	EA	320 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	976.10	120.96
26 27 13 00-0009	EA	400 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	2,410.30	133.04
26 27 13 00-0010	EA	Combination Motor And Current Transformer Cabinet, 15 To 30 Amperes, 13 Terminal, Underground, With Test Switch And Transformer, Socket Base	2,771.86	604.77

26 27 13 00-0011 Meter Device *(26 27 13 00-0001)*

Note: Direct read, with 15 minute demand.

26 27 13 00-0012	EA	100 To 200 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	272.20	24.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.88*	
26 27 13 00-0013	EA	200 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	766.34	24.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.14*	

26 27 13 00-0014 Current Transformer Enclosure *(26 27 13 00-0001)*

26 27 13 00-0015	EA	18" x 24" x 9", NEMA 3R, Screwed Cover, Current Transformer Enclosure	569.03	157.24

26 27 13 00-0016 120/240 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*

26 27 13 00-0017 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max., 2 Pole *(26 27 13 00-0016)*

26 27 13 00-0018	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,060.88	75.60
26 27 13 00-0019	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,396.12	90.71
26 27 13 00-0020	EA	5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,729.59	105.83
26 27 13 00-0021	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,004.21	120.96
26 27 13 00-0022	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,608.80	136.07
26 27 13 00-0023	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,817.41	151.19
26 27 13 00-0024	EA	10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	3,288.15	181.43

26 27 13 00-0025 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max., 2 Pole *(26 27 13 00-0016)*

26 27 13 00-0026	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	1,952.73	75.60
26 27 13 00-0027	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	2,571.61	90.71
26 27 13 00-0028	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	3,541.79	120.96
26 27 13 00-0029	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	3,928.74	136.07
26 27 13 00-0030	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	4,940.02	151.19

26 27 13 00-0031 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0016)*

26 27 13 00-0032	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,624.36	105.83
26 27 13 00-0033	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,132.64	120.96
26 27 13 00-0034	EA	5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,608.80	136.07
26 27 13 00-0035	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,067.13	151.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0036	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,864.36	166.31
26 27 13 00-0037	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,055.14	181.43
26 27 13 00-0038	EA	10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,025.29	211.67
26 27 13 00-0039		1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0016)*		
26 27 13 00-0040	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,512.64	105.83
26 27 13 00-0041	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,292.05	120.96
26 27 13 00-0042	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,636.79	151.19
26 27 13 00-0043	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,970.26	166.31
26 27 13 00-0044	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,356.09	181.43
26 27 13 00-0045		120/208 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*		
26 27 13 00-0046		800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max., 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0047	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,155.32	90.71
26 27 13 00-0048	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,510.20	105.83
26 27 13 00-0049	EA	5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,863.30	120.96
26 27 13 00-0050	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,162.87	136.07
26 27 13 00-0051	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,656.67	151.19
26 27 13 00-0052	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,865.48	166.31
26 27 13 00-0053	EA	10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	3,532.43	196.55
26 27 13 00-0054		1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0055	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,054.33	90.71
26 27 13 00-0056	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,708.87	105.83
26 27 13 00-0057	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,910.90	136.07
26 27 13 00-0058	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,297.88	151.19
26 27 13 00-0059	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,202.18	166.31
26 27 13 00-0060		800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0061	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,718.84	120.96
26 27 13 00-0062	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,234.25	136.07
26 27 13 00-0063	EA	5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,763.93	151.19
26 27 13 00-0064	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,222.27	166.31
26 27 13 00-0065	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,055.18	181.43
26 27 13 00-0066	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,245.92	196.55
26 27 13 00-0067	EA	10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,287.46	226.78
26 27 13 00-0068		1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0069	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,632.10	120.96
26 27 13 00-0070	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,465.01	136.07
26 27 13 00-0071	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,970.30	166.31
26 27 13 00-0072	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,196.72	181.43
26 27 13 00-0073	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,600.41	196.55
26 27 13 00-0074		120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)*		
26 27 13 00-0075		800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0076	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,060.88	75.60
26 27 13 00-0077	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,396.12	90.71
26 27 13 00-0078	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,004.21	120.96
26 27 13 00-0079	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,608.80	136.07
26 27 13 00-0080	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,227.66	151.19
26 27 13 00-0081		1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0082	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,952.73	75.60
26 27 13 00-0083	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,571.59	90.71
26 27 13 00-0084	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,720.14	120.96
26 27 13 00-0085	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,107.11	136.07
26 27 13 00-0086	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,940.02	151.19
26 27 13 00-0087		800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0088	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,624.36	105.83

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0089	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,132.64	120.96
26 27 13 00-0090	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,067.13	151.19
26 27 13 00-0091	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,864.36	166.31
26 27 13 00-0092	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,055.14	181.43
26 27 13 00-0093		1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0094	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,512.66	105.83
26 27 13 00-0095	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,292.05	120.96
26 27 13 00-0096	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,636.79	151.19
26 27 13 00-0097	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,970.26	166.31
26 27 13 00-0098	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,356.13	181.43
26 27 13 00-0099		120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)*		
26 27 13 00-0100		800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0101	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,155.32	90.71
26 27 13 00-0102	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,510.20	105.83
26 27 13 00-0103	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,162.87	136.07
26 27 13 00-0104	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,835.24	151.19
26 27 13 00-0105	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,222.23	166.31
26 27 13 00-0106		1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0107	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,054.31	90.71
26 27 13 00-0108	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,708.85	105.83
26 27 13 00-0109	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,732.53	136.07
26 27 13 00-0110	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,119.51	151.19
26 27 13 00-0111	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,202.14	166.31
26 27 13 00-0112		800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0113	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,718.82	120.96
26 27 13 00-0114	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,234.22	136.07
26 27 13 00-0115	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,222.23	166.31
26 27 13 00-0116	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,055.14	181.43
26 27 13 00-0117	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,245.92	196.55
26 27 13 00-0118		1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0119	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,632.08	120.96
26 27 13 00-0120	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,464.98	136.07
26 27 13 00-0121	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,970.26	166.31
26 27 13 00-0122	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,196.72	181.43
26 27 13 00-0123	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,600.41	196.55
26 27 13 00-0124		Watt/Hour Meters *(26 27 13)*		
26 27 13 00-0125	EA	Single Phase M-90 Meter, Socket, NEMA 3R Enclosure	1,129.83	72.57
26 27 13 00-0126	EA	Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure	3,435.94	145.14
26 27 13 00-0127	EA	Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure	1,823.98	108.86
26 27 13 00-0128	EA	Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure	2,231.34	108.86
26 27 13 00-0129	EA	Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure	1,883.81	108.86
26 27 13 00-0130	EA	C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	1,275.86	100.39
26 27 13 00-0131	EA	P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	2,181.07	181.43
26 27 13 00-0132		Watt/Hour Meter Systems *(26 27 13)* Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure.		
26 27 13 00-0133		Watt/Hour Meter System Without Main Breaker *(26 27 13 00-0132)*		
26 27 13 00-0134	EA	400 Amperes System; 200 Amperes M-90 Meter And Enclosure	5,586.86	725.84
26 27 13 00-0135	EA	600 To 800 Amperes System; 200 Amperes M-90 Meter And Enclosure	6,548.25	725.84
26 27 13 00-0136		Watt/Hour Meter System With Main Breaker *(26 27 13 00-0132)*		
26 27 13 00-0137	EA	400 Amperes System; 400 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	9,807.81	725.84
26 27 13 00-0138	EA	600 Amperes System; 600 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	11,904.15	725.84
26 27 13 00-0139	EA	800 Amperes System; 800 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	12,793.20	725.84

26 27 16 Electrical Cabinets and Enclosures *(26 27)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Can be used as enclosure or pull/junction boxes.

26 27 16 00-0001 NEMA 1 Enclosures, Lockable *(26 27 16)*

26 27 16 00-0002 Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0001)*

26 27 16 00-0003 4" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0002)*

26 27 16 00-0004	EA	6" x 4" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	77.04	24.19
26 27 16 00-0005	EA	6" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	86.45	26.61
26 27 16 00-0006	EA	8" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	95.93	29.02
26 27 16 00-0007	EA	8" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	112.00	33.87
26 27 16 00-0008	EA	10" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	122.03	36.29
26 27 16 00-0009	EA	10" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	132.82	38.71
26 27 16 00-0010	EA	12" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	132.44	38.71
26 27 16 00-0011	EA	12" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	143.48	41.12
26 27 16 00-0012	EA	12" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	155.11	43.55
26 27 16 00-0013	EA	16" x 12" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	201.02	58.06
26 27 16 00-0014	EA	16" x 16" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	243.87	70.16
26 27 16 00-0015	EA	18" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	231.61	67.73

26 27 16 00-0016 6" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0002)*

26 27 16 00-0017	EA	6" x 6" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	96.67	29.02
26 27 16 00-0018	EA	8" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	117.48	33.87
26 27 16 00-0019	EA	10" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	140.18	41.12
26 27 16 00-0020	EA	10" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	151.52	43.55
26 27 16 00-0021	EA	12" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	163.08	45.96
26 27 16 00-0022	EA	12" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	175.19	48.38
26 27 16 00-0023	EA	16" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	222.35	62.90
26 27 16 00-0024	EA	16" x 16" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	269.50	77.41
26 27 16 00-0025	EA	18" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	259.86	74.99
26 27 16 00-0026	EA	18" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	338.49	96.76
26 27 16 00-0027	EA	24" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	435.42	111.28
26 27 16 00-0028	EA	24" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	498.00	120.96
26 27 16 00-0029	EA	30" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	554.89	128.21
26 27 16 00-0030	EA	36" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	605.72	133.04
26 27 16 00-0031	EA	24-1/2" x 12-1/2" x 6-1/2", Hinged Cover, Galvanized Steel NEMA 1 Enclosure (Control Products MH3803L)	409.18	96.76

26 27 16 00-0032 Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0001)*

26 27 16 00-0033 3" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*

26 27 16 00-0034	EA	4" x 4" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	52.65	16.94
26 27 16 00-0035	EA	6" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	75.24	24.19
26 27 16 00-0036	EA	8" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	83.92	26.61

26 27 16 00-0037 4" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*

26 27 16 00-0038	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	58.88	19.35
26 27 16 00-0039	EA	6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	73.00	24.19
26 27 16 00-0040	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	81.54	26.61
26 27 16 00-0041	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	90.20	29.02
26 27 16 00-0042	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	105.25	33.87
26 27 16 00-0043	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	114.31	36.29
26 27 16 00-0044	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	123.84	38.71
26 27 16 00-0045	EA	12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	123.50	38.71
26 27 16 00-0046	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	133.43	41.12
26 27 16 00-0047	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	143.66	43.55
26 27 16 00-0048	EA	16" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	187.97	58.06
26 27 16 00-0049	EA	16" x 16" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	232.95	72.57
26 27 16 00-0050	EA	18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	216.18	67.73
26 27 16 00-0051	EA	18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	279.98	87.08
26 27 16 00-0052	EA	24" x 24" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	403.42	108.86

26 27 16 00-0053 6" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*

26 27 16 00-0054	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	90.69	29.02
26 27 16 00-0055	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	100.02	31.45
26 27 16 00-0056	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	115.28	36.29
26 27 16 00-0057	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	130.88	41.12
26 27 16 00-0058	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	140.97	43.55
26 27 16 00-0059	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	151.15	45.96
26 27 16 00-0060	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	161.75	48.38
26 27 16 00-0061	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	207.14	62.90
26 27 16 00-0062	EA	16" x 16" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	254.52	77.41
26 27 16 00-0063	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	241.96	74.99
26 27 16 00-0064	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	314.57	96.76
26 27 16 00-0065	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	392.42	111.28
26 27 16 00-0066	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	449.42	120.96
26 27 16 00-0067	EA	30" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	485.13	128.21
26 27 16 00-0068	EA	36" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	530.29	133.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0069		**8" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0032)*		
26 27 16 00-0070	EA	8" x 8" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	130.88	41.12
26 27 16 00-0071	EA	12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	178.41	53.22
26 27 16 00-0072	EA	16" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	226.83	67.73
26 27 16 00-0073	EA	16" x 16" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	281.56	84.67
26 27 16 00-0074	EA	18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	269.15	82.25
26 27 16 00-0075	EA	18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	333.42	101.61
26 27 16 00-0076	EA	24" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	371.95	116.12
26 27 16 00-0077	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	430.90	123.37
26 27 16 00-0078	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	495.57	133.04
26 27 16 00-0079	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	527.24	140.30
26 27 16 00-0080	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	553.81	145.14
26 27 16 00-0081	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	568.28	145.14
26 27 16 00-0082		**10" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0032)*		
26 27 16 00-0083	EA	18" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	305.40	91.92
26 27 16 00-0084	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	401.82	118.53
26 27 16 00-0085	EA	24" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	407.00	125.79
26 27 16 00-0086	EA	24" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	526.68	135.47
26 27 16 00-0087	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	605.85	149.98
26 27 16 00-0088	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	671.80	154.82
26 27 16 00-0089	EA	36" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	716.51	162.08
26 27 16 00-0090		**12" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures** *(26 27 16 00-0032)*		
26 27 16 00-0091	EA	18" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	443.59	130.63
26 27 16 00-0092	EA	24" x 12" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	442.18	137.89
26 27 16 00-0093	EA	24" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	579.13	149.98
26 27 16 00-0094	EA	24" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	661.36	164.49
26 27 16 00-0095	EA	30" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	741.51	171.75
26 27 16 00-0096	EA	36" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	782.00	179.01
26 27 16 00-0097		**NEMA 1 Enclosures For Up To 6 Boards, Lockable** *(26 27 16)*		
26 27 16 00-0098		**4.5" Depth, Hinged Cover, Powder Coated Steel, NEMA 1 Enclosures** *(26 27 16 00-0097)*		
26 27 16 00-0099	EA	24" High x 18" Wide x 4.5" Deep, 18 Gauge, Powder Coated Steel, NEMA 1 Enclosure (RS2 Technologies NCL-12)	1,177.45	106.44
26 27 16 00-0100		**NEMA 12 Enclosures, Lockable** *(26 27 16)*		
		Note: Dust-tight enclosures.		
26 27 16 00-0101		**Hinged Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0100)*		
26 27 16 00-0102		**4" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0101)*		
26 27 16 00-0103	EA	4" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	111.03	19.35
26 27 16 00-0104	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	144.46	26.61
26 27 16 00-0105	EA	8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	178.62	33.87
26 27 16 00-0106	EA	10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	193.41	36.29
26 27 16 00-0107	EA	12" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	217.32	38.71
26 27 16 00-0108	EA	12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	234.16	41.12
26 27 16 00-0109		**6" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0101)*		
26 27 16 00-0110	EA	6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	160.42	29.02
26 27 16 00-0111	EA	8" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	176.80	31.45
26 27 16 00-0112		**Screw Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0100)*		
26 27 16 00-0113		**4" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0112)*		
26 27 16 00-0114	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	224.18	19.35
26 27 16 00-0115	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	268.54	26.61
26 27 16 00-0116	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	303.79	29.02
26 27 16 00-0117	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	347.50	33.87
26 27 16 00-0118	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	357.25	36.29
26 27 16 00-0119	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	422.38	38.71
26 27 16 00-0120	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	453.57	41.12
26 27 16 00-0121	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	516.48	43.55
26 27 16 00-0122		**6" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0112)*		
26 27 16 00-0123	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	327.32	29.02
26 27 16 00-0124	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	370.18	31.45
26 27 16 00-0125	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	403.28	36.29
26 27 16 00-0126	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	476.91	43.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0127	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	517.81	48.38
26 27 16 00-0128	EA	16" x 14" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	719.53	62.90
26 27 16 00-0129	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,115.09	96.76
26 27 16 00-0130	EA	24" x 16" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,462.33	111.28
26 27 16 00-0131	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,649.20	120.96
26 27 16 00-0132		**8" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0112)*		
26 27 16 00-0133	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,523.99	123.37
26 27 16 00-0134	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,757.31	133.04
26 27 16 00-0135	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,932.35	140.30
26 27 16 00-0136	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,131.54	145.14
26 27 16 00-0137	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,101.98	145.14
26 27 16 00-0138		**Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0100)*		
26 27 16 00-0139		**8" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0138)*		
26 27 16 00-0140	EA	60" x 48" x 8" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	6,751.72	196.55
26 27 16 00-0141		**10" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0138)*		
26 27 16 00-0142	EA	60" x 48" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	6,815.42	217.71
26 27 16 00-0143	EA	60" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	7,819.46	232.84
26 27 16 00-0144	EA	72" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	8,993.64	290.28
26 27 16 00-0145	EA	72" x 72" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	10,040.87	342.30
26 27 16 00-0146		**12" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0138)*		
26 27 16 00-0147	EA	60" x 48" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	7,259.96	342.30
26 27 16 00-0148	EA	60" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	8,094.77	362.86
26 27 16 00-0149	EA	72" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	9,196.32	387.05
26 27 16 00-0150	EA	72" x 72" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	10,151.74	387.05
26 27 16 00-0151		**NEMA 3 Enclosures, Lockable** *(26 27 16)* Note: Can be used underground or encased in concrete.		
26 27 16 00-0152		**2" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0151)*		
26 27 16 00-0153	EA	4" x 4" x 2" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	300.41	84.67
26 27 16 00-0154		**3" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0151)*		
26 27 16 00-0155	EA	4" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	321.15	84.67
26 27 16 00-0156	EA	5" x 5" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	405.71	87.69
26 27 16 00-0157	EA	6" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	419.82	87.69
26 27 16 00-0158	EA	6" x 6" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	523.03	90.71
26 27 16 00-0159		**4" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0151)*		
26 27 16 00-0160	EA	4" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	401.90	87.69
26 27 16 00-0161	EA	5" x 5" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	438.80	87.69
26 27 16 00-0162	EA	6" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	457.26	90.71
26 27 16 00-0163	EA	6" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	570.61	90.71
26 27 16 00-0164	EA	8" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	626.60	96.76
26 27 16 00-0165	EA	8" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	674.17	102.81
26 27 16 00-0166	EA	10" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	701.14	102.81
26 27 16 00-0167	EA	10" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	830.08	105.83
26 27 16 00-0168	EA	12" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	899.18	108.86
26 27 16 00-0169	EA	12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,224.81	120.96
26 27 16 00-0170		**6" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0151)*		
26 27 16 00-0171	EA	6" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	602.19	93.74
26 27 16 00-0172	EA	8" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	756.15	105.83
26 27 16 00-0173	EA	8" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	882.61	108.86
26 27 16 00-0174	EA	10" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,014.17	111.88
26 27 16 00-0175	EA	10" x 10" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,077.76	111.88
26 27 16 00-0176	EA	12" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,224.47	120.96
26 27 16 00-0177	EA	12" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,415.51	136.07
26 27 16 00-0178	EA	16" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,334.22	130.03
26 27 16 00-0179	EA	18" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,591.64	241.91
26 27 16 00-0180	EA	18" x 18" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	4,464.60	302.38
26 27 16 00-0181		**8" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0151)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0182	EA	8" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,088.35	114.90
26 27 16 00-0183	EA	12" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,631.97	151.19
26 27 16 00-0184	EA	12" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,657.94	151.19
26 27 16 00-0185	EA	16" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,250.91	226.78
26 27 16 00-0186	EA	18" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,952.40	241.91
26 27 16 00-0187	EA	24" x 24" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	7,450.83	423.34
26 27 16 00-0188		10" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
26 27 16 00-0189	EA	18" x 12" x 10" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,932.33	302.38
26 27 16 00-0190		12" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
26 27 16 00-0191	EA	18" x 18" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	6,025.82	362.86
26 27 16 00-0192	EA	24" x 12" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	4,962.98	332.62
26 27 16 00-0193		NEMA 3R Enclosures, Lockable *(26 27 16)* Note: Rain-tight enclosures.		
26 27 16 00-0194		Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0193)*		
26 27 16 00-0195		4" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)*		
26 27 16 00-0196	EA	6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	104.87	24.19
26 27 16 00-0197	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	115.82	26.61
26 27 16 00-0198	EA	8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	173.98	29.02
26 27 16 00-0199		6" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)*		
26 27 16 00-0200	EA	8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	219.06	36.29
26 27 16 00-0201	EA	10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	244.65	41.12
26 27 16 00-0202	EA	12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	287.62	45.96
26 27 16 00-0203	EA	12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	311.27	48.38
26 27 16 00-0204	EA	16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	405.28	62.90
26 27 16 00-0205	EA	16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	484.10	77.41
26 27 16 00-0206	EA	18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	550.89	96.76
26 27 16 00-0207		8" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)*		
26 27 16 00-0208	EA	24" x 20" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	842.51	123.37
26 27 16 00-0209	EA	24" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	935.32	133.04
26 27 16 00-0210	EA	30" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,055.24	140.30
26 27 16 00-0211	EA	30" x 30" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,110.49	145.14
26 27 16 00-0212		10" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)*		
26 27 16 00-0213	EA	12" x 48" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,045.42	149.98
26 27 16 00-0214	EA	12" x 54" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,180.97	169.34
26 27 16 00-0215	EA	12" x 60" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,307.39	187.48
26 27 16 00-0216	EA	12" x 66" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,440.51	206.83
26 27 16 00-0217	EA	12" x 72" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,568.15	224.97
26 27 16 00-0218	EA	18" x 18" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	675.42	118.53
26 27 16 00-0219	EA	24" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,045.42	149.98
26 27 16 00-0220	EA	30" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,243.47	154.82
26 27 16 00-0221	EA	36" x 36" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,580.70	169.34
26 27 16 00-0222		12" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)*		
26 27 16 00-0223	EA	12" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,020.46	119.75
26 27 16 00-0224	EA	12" x 54" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,144.13	134.26
26 27 16 00-0225	EA	12" x 60" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,266.60	148.77
26 27 16 00-0226	EA	12" x 66" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,401.04	164.49
26 27 16 00-0227	EA	12" x 72" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,524.72	179.01
26 27 16 00-0228	EA	18" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	762.36	89.51
26 27 16 00-0229	EA	18" x 32" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,020.46	119.75
26 27 16 00-0230	EA	18" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,144.13	134.26
26 27 16 00-0231	EA	18" x 42" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,347.27	157.24
26 27 16 00-0232	EA	18" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,524.72	179.01
26 27 16 00-0233	EA	30" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,447.55	176.59
26 27 16 00-0234	EA	36" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,524.72	179.01
26 27 16 00-0235	EA	36" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,607.27	183.85
26 27 16 00-0236	EA	36" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,793.15	193.53
26 27 16 00-0237	EA	42" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,946.49	203.20
26 27 16 00-0238		Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0193)*		
26 27 16 00-0239		4" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0238)*		
26 27 16 00-0240	EA	4" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	73.56	19.35
26 27 16 00-0241	EA	6" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	88.82	24.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0242	EA	6" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	98.09	26.61
26 27 16 00-0243	EA	8" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	108.82	29.02
26 27 16 00-0244	EA	8" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	126.34	33.87
26 27 16 00-0245	EA	10" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	137.79	36.29
26 27 16 00-0246	EA	10" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	150.26	38.71
26 27 16 00-0247	EA	12" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	149.57	38.71
26 27 16 00-0248	EA	12" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	163.64	41.12
26 27 16 00-0249	EA	12" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	176.12	43.55
26 27 16 00-0250	EA	18" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	265.83	67.73
26 27 16 00-0251	EA	18" x 18" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	355.01	87.08
26 27 16 00-0252		**6" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0253	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	101.94	29.02
26 27 16 00-0254	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	139.64	36.29
26 27 16 00-0255	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	158.19	41.12
26 27 16 00-0256	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	171.62	43.55
26 27 16 00-0257	EA	12" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	170.60	43.55
26 27 16 00-0258	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	184.85	45.96
26 27 16 00-0259	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	199.24	48.38
26 27 16 00-0260	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	260.06	62.90
26 27 16 00-0261	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	298.98	74.99
26 27 16 00-0262	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	399.47	96.76
26 27 16 00-0263	EA	24" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	416.53	104.02
26 27 16 00-0264	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	477.31	111.28
26 27 16 00-0265	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	538.33	120.96
26 27 16 00-0266		**8" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0267	EA	12" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	223.15	53.22
26 27 16 00-0268	EA	18" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	322.36	82.25
26 27 16 00-0269	EA	18" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	442.08	106.44
26 27 16 00-0270	EA	24" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	528.10	123.37
26 27 16 00-0271	EA	24" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	598.56	133.04
26 27 16 00-0272	EA	30" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	666.19	140.30
26 27 16 00-0273		**10" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0274	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	487.53	118.53
26 27 16 00-0275	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	657.60	149.98
26 27 16 00-0276	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	723.03	154.82
26 27 16 00-0277		**12" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0278	EA	24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	726.66	164.49
26 27 16 00-0279	EA	30" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,020.21	179.01
26 27 16 00-0280	EA	36" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,054.57	183.85
26 27 16 00-0281	EA	36" x 36" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,236.84	193.53
26 27 16 00-0282		**NEMA 4 Enclosures, Lockable** *(26 27 16)*		
		Note: Water-tight enclosures.		
26 27 16 00-0283		**Hinge Cover, Painted Steel NEMA 4 Enclosures** *(26 27 16 00-0282)*		
26 27 16 00-0284	EA	4" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	117.67	16.94
26 27 16 00-0285	EA	6" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	137.21	20.57
26 27 16 00-0286	EA	8" x 6" x 3.5" Hinge Cover, Painted Steel NEMA 4 Enclosure	171.49	26.61
26 27 16 00-0287	EA	6" x 6" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	162.93	26.61
26 27 16 00-0288	EA	10" x 8" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	217.61	36.29
26 27 16 00-0289	EA	12" x 10" x 5" Hinge Cover, Painted Steel NEMA 4 Enclosure	271.43	43.55
26 27 16 00-0290	EA	10" x 8" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	250.57	41.12
26 27 16 00-0291	EA	12" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	292.04	48.38
26 27 16 00-0292	EA	14" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	343.88	55.64
26 27 16 00-0293	EA	16" x 14" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	416.32	70.16
26 27 16 00-0294		**Clamp Cover, Painted Steel NEMA 4 Enclosures** *(26 27 16 00-0282)*		
26 27 16 00-0295	EA	4" x 4" x 3" Clamp Cover, Painted Steel NEMA 4 Enclosure	107.72	16.94
26 27 16 00-0296	EA	6" x 6" x 4" Clamp Cover, Painted Steel NEMA 4 Enclosure	153.01	26.61
26 27 16 00-0297		**Screw Cover, Fiberglass NEMA 4 Or 4x Enclosures** *(26 27 16 00-0282)*		
26 27 16 00-0298	EA	6" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	134.91	23.22
26 27 16 00-0299	EA	8" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	143.23	25.16
26 27 16 00-0300	EA	10" x 8" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	175.44	32.90
26 27 16 00-0301	EA	12" x 10" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	205.44	36.29
26 27 16 00-0302	EA	14" x 12" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure	265.97	45.96
26 27 16 00-0303	EA	16" x 14" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure	310.83	54.43
26 27 16 00-0304	EA	18" x 16" x 10", Screw Cover, Fiberglass NEMA 4 Enclosure	435.66	87.08

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0305			NEMA 4X Enclosures, Lockable *(26 27 16)*		
			Note: Water-tight enclosures.		
26 27 16 00-0306			Clamp Cover, Aluminum NEMA 4X Enclosures *(26 27 16 00-0305)*		
26 27 16 00-0307		EA	6" x 4" x 3" Clamp Cover, Aluminum NEMA 4X Enclosure	237.01	19.35
26 27 16 00-0308		EA	6" x 6" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	278.69	26.61
26 27 16 00-0309		EA	10" x 8" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	352.74	36.29
26 27 16 00-0310		EA	12" x 10" x 5" Clamp Cover, Aluminum NEMA 4X Enclosure	426.33	43.55
26 27 16 00-0311		EA	14" x 12" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	527.69	55.64
26 27 16 00-0312		EA	16" x 14" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	622.27	70.16
26 27 16 00-0313			Clamp Cover, 304 Stainless Steel NEMA 4X Enclosures *(26 27 16 00-0305)*		
26 27 16 00-0314		EA	4" x 4" x 3", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	333.09	16.94
			For 316 Stainless Steel, Add	*46.52*	
26 27 16 00-0315		EA	6" x 4" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	432.52	24.19
			For 316 Stainless Steel, Add	*59.53*	
26 27 16 00-0316		EA	6" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	490.38	26.61
			For 316 Stainless Steel, Add	*67.82*	
26 27 16 00-0317		EA	8" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	561.71	29.02
			For 316 Stainless Steel, Add	*78.26*	
26 27 16 00-0318		EA	10" x 8" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	689.66	36.29
			For 316 Stainless Steel, Add	*95.83*	
26 27 16 00-0319		EA	12" x 10" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	971.70	45.96
			For 316 Stainless Steel, Add	*137.09*	
26 27 16 00-0320		EA	14" x 12" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,211.93	55.64
			For 316 Stainless Steel, Add	*171.65*	
26 27 16 00-0321		EA	16" x 14" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,460.03	70.16
			For 316 Stainless Steel, Add	*205.54*	
26 27 16 00-0322			Screw Cover, Polycarbonate NEMA 4X Enclosures *(26 27 16 00-0305)*		
			Note: NEMA 3R, 4, 4X and 12 rated.		
26 27 16 00-0323		EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	145.59	26.61
26 27 16 00-0324		EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	164.12	29.02
26 27 16 00-0325		EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	187.67	33.87
26 27 16 00-0326		EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	204.11	36.29
26 27 16 00-0327		EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	235.97	41.12
26 27 16 00-0328		EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	221.40	41.12
26 27 16 00-0329		EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	258.40	45.96
26 27 16 00-0330		EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	324.27	55.64
26 27 16 00-0331		EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	413.12	76.20
26 27 16 00-0332		EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	529.45	109.70
26 27 16 00-0333		EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	157.04	26.61
26 27 16 00-0334		EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	177.65	29.02
26 27 16 00-0335		EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	202.23	33.87
26 27 16 00-0336		EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	221.79	36.29
26 27 16 00-0337		EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	254.69	41.12
26 27 16 00-0338		EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	239.10	41.12
26 27 16 00-0339		EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	282.40	45.96
26 27 16 00-0340		EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	336.75	55.64
26 27 16 00-0341		EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	439.14	76.20
26 27 16 00-0342		EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	557.53	109.70
26 27 16 00-0343			Hinged Cover, Polycarbonate NEMA 4X Enclosures *(26 27 16 00-0305)*		
			Note: NEMA 3R, 4, 4X and 12 rated.		
26 27 16 00-0344		EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	177.85	26.61
26 27 16 00-0345		EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	190.13	29.02
26 27 16 00-0346		EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	215.75	33.87
26 27 16 00-0347		EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	233.24	36.29
26 27 16 00-0348		EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	276.55	41.12
26 27 16 00-0349		EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	253.66	41.12
26 27 16 00-0350		EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	312.55	45.96
26 27 16 00-0351		EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	371.09	55.64
26 27 16 00-0352		EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	453.70	76.20
26 27 16 00-0353		EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	582.50	109.70
26 27 16 00-0354		EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	186.17	26.61
26 27 16 00-0355		EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	205.73	29.02
26 27 16 00-0356		EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	230.31	33.87
26 27 16 00-0357		EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	248.83	36.29
26 27 16 00-0358		EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	297.35	41.12
26 27 16 00-0359		EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	271.34	41.12
26 27 16 00-0360		EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	334.41	45.96
26 27 16 00-0361		EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	381.50	55.64
26 27 16 00-0362		EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	488.02	76.20
26 27 16 00-0363		EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	618.92	109.70
26 27 16 00-0364			NEMA 7/9 Enclosures, Lockable *(26 27 16)*		
			Note: Nominal inside dimensions.		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 27 16 00-0365 4" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*

26 27 16 00-0366	EA	6" x 6" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,283.27	136.07
		For Mounting Pan, Add	*53.52*	
26 27 16 00-0367	EA	6" x 8" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,030.03	145.14
		For Mounting Pan, Add	*99.73*	
26 27 16 00-0368	EA	8" x 10" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,991.16	163.28
		For Mounting Pan, Add	*137.53*	

26 27 16 00-0369 6" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*

26 27 16 00-0370	EA	8" x 8" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,773.95	163.28
		For Mounting Pan, Add	*69.93*	
26 27 16 00-0371	EA	8" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,303.14	167.82
		For Mounting Pan, Add	*137.53*	
26 27 16 00-0372	EA	8" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,358.45	181.43
		For Mounting Pan, Add	*105.20*	
26 27 16 00-0373	EA	10" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,419.50	181.43
		For Mounting Pan, Add	*123.08*	
26 27 16 00-0374	EA	10" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,415.34	226.78
		For Mounting Pan, Add	*161.48*	
26 27 16 00-0375	EA	12" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,217.88	204.11
		For Mounting Pan, Add	*100.82*	
26 27 16 00-0376	EA	12" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,331.75	226.78
		For Mounting Pan, Add	*150.86*	
26 27 16 00-0377	EA	12" x 24" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,157.33	408.21
		For Mounting Pan, Add	*202.97*	
26 27 16 00-0378	EA	14" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,085.27	272.14
		For Mounting Pan, Add	*197.62*	
26 27 16 00-0379	EA	16" x 16" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,379.26	453.57
		For Mounting Pan, Add	*181.43*	
26 27 16 00-0380	EA	18" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,430.47	453.57
		For Mounting Pan, Add	*294.94*	

26 27 16 00-0381 8" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*

26 27 16 00-0382	EA	8" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,751.24	204.11
		For Mounting Pan, Add	*105.20*	
26 27 16 00-0383	EA	10" x 10" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,770.21	204.11
		For Mounting Pan, Add	*123.08*	
26 27 16 00-0384	EA	10" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,131.57	204.11
		For Mounting Pan, Add	*161.48*	
26 27 16 00-0385	EA	12" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,470.22	226.78
		For Mounting Pan, Add	*100.82*	
26 27 16 00-0386	EA	12" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,059.45	408.21
		For Mounting Pan, Add	*150.86*	
26 27 16 00-0387	EA	12" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,157.09	498.94
		For Mounting Pan, Add	*202.97*	
26 27 16 00-0388	EA	12" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	9,633.41	589.65
		For Mounting Pan, Add	*305.24*	
26 27 16 00-0389	EA	14" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,553.57	498.94
		For Mounting Pan, Add	*197.62*	
26 27 16 00-0390	EA	16" x 16" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,702.28	498.94
		For Mounting Pan, Add	*181.43*	
26 27 16 00-0391	EA	16" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	8,458.29	544.29
		For Mounting Pan, Add	*271.95*	
26 27 16 00-0392	EA	18" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,995.44	498.94
		For Mounting Pan, Add	*294.94*	
26 27 16 00-0393	EA	18" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	9,321.39	544.29
		For Mounting Pan, Add	*431.29*	
26 27 16 00-0394	EA	18" x 30" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	9,258.26	544.29
		For Mounting Pan, Add	*574.97*	
26 27 16 00-0395	EA	18" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	14,351.39	725.72
		For Mounting Pan, Add	*718.61*	
26 27 16 00-0396	EA	24" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	10,929.66	589.65
		For Mounting Pan, Add	*668.18*	
26 27 16 00-0397	EA	24" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	19,771.72	907.15
		For Mounting Pan, Add	*914.73*	

26 27 16 00-0398 10" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*

26 27 16 00-0399	EA	12" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	10,015.96	589.65
		For Mounting Pan, Add	*305.24*	
26 27 16 00-0400	EA	16" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	9,220.24	544.29
		For Mounting Pan, Add	*271.95*	
26 27 16 00-0401	EA	18" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	10,044.42	589.65
		For Mounting Pan, Add	*431.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0402	EA	18" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	12,667.59	635.01
		For Mounting Pan, Add	*718.61*	
26 27 16 00-0403	EA	24" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	11,222.72	635.01
		For Mounting Pan, Add	*668.18*	
26 27 16 00-0404	EA	24" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	21,524.21	907.15
		For Mounting Pan, Add	*914.73*	
26 27 16 00-0405		**12" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures** *(26 27 16 00-0364)*		
26 27 16 00-0406	EA	12" x 24" x 12" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,293.53	498.94
		For Mounting Pan, Add	*202.97*	
26 27 16 00-0407		**Breaker Enclosures** *(26 27 16)*		
		See CSI section 26 24 16 00-0001 for lighting and power panel boards.		
26 27 16 00-0408		**15 To 100 Amperes, F-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0409	EA	NEMA 1, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	399.77	96.76
26 27 16 00-0410	EA	NEMA 3R, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	739.13	96.76
26 27 16 00-0411	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	1,827.60	133.04
26 27 16 00-0412	EA	NEMA 7, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure	2,479.23	145.14
26 27 16 00-0413	EA	NEMA 9, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure	1,805.96	145.14
26 27 16 00-0414	EA	NEMA 12, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	631.66	133.04
26 27 16 00-0415		**15 To 250 Amperes, H Or J-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0416	EA	NEMA 1, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	639.28	133.04
26 27 16 00-0417	EA	NEMA 3R, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	1,182.72	133.04
26 27 16 00-0418	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	4,054.19	169.34
26 27 16 00-0419	EA	NEMA 12, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	973.73	169.34
26 27 16 00-0420		**125 To 400 Amperes, L-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0421	EA	NEMA 1, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	998.12	266.10
26 27 16 00-0422	EA	NEMA 3R, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	2,338.21	266.10
26 27 16 00-0423	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	6,867.76	338.67
26 27 16 00-0424	EA	NEMA 12, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	1,662.58	338.67
26 27 16 00-0425		**300 To 800 Amperes, M-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0426	EA	NEMA 1, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	1,955.59	508.01
26 27 16 00-0427	EA	NEMA 3R, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	3,371.97	508.01
26 27 16 00-0428	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	12,354.59	653.15
26 27 16 00-0429	EA	NEMA 12, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	6,672.71	653.15
26 27 16 00-0430		**250 To 1,200 Amperes, P-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0431	EA	NEMA 1, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	2,390.98	508.01
26 27 16 00-0432	EA	NEMA 3R, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	4,060.52	508.01
26 27 16 00-0433	EA	NEMA 3R/5/12, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	8,396.81	653.15
26 27 16 00-0434		**Legend Plates** *(26 27 16)*		
26 27 16 00-0435	EA	3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters	20.86	6.04
26 27 16 00-0436	EA	3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters	28.42	6.04
26 27 19		**Multi-Outlet Assemblies** *(26 27)*		
26 27 19 00-0001		**Surface Metal Raceway, Preassembled With Outlets** *(26 27 19)*		
		Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 27 19 00-0002	LF	Single Circuit, Plugmold #2000, 3' With Outlets 6" On Center	29.89	8.83
		For Concrete Or Masonry Surface, Add	*0.88*	
26 27 19 00-0003	LF	Single Circuit, Plugmold #2000, 6' With Outlets 6" On Center	23.23	6.29
		For Concrete Or Masonry Surface, Add	*0.64*	
26 27 19 00-0004	LF	Single Circuit, Plugmold #2000, 6' With Outlets 9" On Center	21.80	6.65
		For Concrete Or Masonry Surface, Add	*0.66*	
26 27 19 00-0005	LF	Single Circuit, Plugmold #2000, 6' With Outlets 12" On Center	24.14	6.29
		For Concrete Or Masonry Surface, Add	*0.64*	
26 27 19 00-0006	LF	Single Circuit, Plugmold #2000, 6' With Outlets 18" On Center	19.44	6.41
		For Concrete Or Masonry Surface, Add	*0.64*	
26 27 19 00-0007	LF	Two Circuits, Plugmold #2000, 6' With Outlets 9" On Center	27.13	6.29
		For Concrete Or Masonry Surface, Add	*0.64*	
26 27 19 00-0008	LF	Two Circuits, Plugmold #2000, 6' With Outlets 12" On Center	23.87	6.29
		For Concrete Or Masonry Surface, Add	*0.64*	
26 27 19 00-0009	LF	Two Circuits, Plugmold #2000, 6' With Outlets 18" On Center	25.83	6.29
		For Concrete Or Masonry Surface, Add	*0.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 23		**Indoor Service Poles** *(26 27)*		
26 27 23 00-0001		Communication And Power Poles *(26 27 23)* Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series.		
26 27 23 00-0002		Steel Communication And Power Poles *(26 27 23 00-0001)*		
26 27 23 00-0003		2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*		
26 27 23 00-0004		2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0003)*		
26 27 23 00-0005	EA	2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	327.68	53.60
26 27 23 00-0006	EA	2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	356.32	53.60
26 27 23 00-0007	EA	2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	389.45	53.60
26 27 23 00-0008		Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0003)* Note: Excludes receptacles, communication jacks and wiring.		
26 27 23 00-0009	EA	Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One Single Receptacle	67.08	11.05
26 27 23 00-0010	EA	Add-On 2-1/4" Width Steel Cover Plate For Three Duplex Receptacles	58.04	11.05
26 27 23 00-0011	EA	Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	65.83	11.05
26 27 23 00-0012	EA	Add-On 2-1/4" Width Steel Cover Plate For Data And A/V Modular Devices	48.55	11.05
26 27 23 00-0013	EA	Add-On 2-1/4" Width Steel Cover Plate Radius Control Entrance End Fitting	39.84	11.05
26 27 23 00-0014		2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*		
26 27 23 00-0015		2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0014)*		
26 27 23 00-0016	EA	2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	425.90	53.60
26 27 23 00-0017	EA	2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	487.47	53.60
26 27 23 00-0018	EA	2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	520.69	53.60
26 27 23 00-0019		Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0014)* Note: Excludes receptacles and communication jacks.		
26 27 23 00-0020	EA	Add-On 2-3/4" Width Steel Cover Plate For One Single Receptacle	44.70	11.05
26 27 23 00-0021	EA	Add-On 2-3/4" Width Steel Cover Plate For One Duplex Receptacle	40.11	11.05
26 27 23 00-0022	EA	Add-On 2-3/4" Width Steel Cover Plate For Data And A/V Modular Devices	43.40	11.05
26 27 23 00-0023		3" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*		
26 27 23 00-0024		3" Width, Steel Communication And Power Poles *(26 27 23 00-0023)*		
26 27 23 00-0025	EA	3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	556.36	53.60
26 27 23 00-0026	EA	3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	630.46	53.60
26 27 23 00-0027	EA	3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	679.31	53.60
26 27 23 00-0028		Additional Cover Plates For 3" Width, Steel Communication And Power Poles *(26 27 23 00-0023)* Note: Excludes receptacles and communication jacks.		
26 27 23 00-0029	EA	Add-On 3" Width Steel Steel Cover Plate For One Single Receptacle	44.70	11.05
26 27 23 00-0030	EA	Add-On 3" Width Steel Cover Plate For One Duplex Receptacle	40.11	11.05
26 27 23 00-0031	EA	Add-On 3" Width Steel Cover Plate For Data And A/V Modular Devices	43.40	11.05
26 27 23 00-0032		Aluminum Communication And Power Poles *(26 27 23 00-0001)*		
26 27 23 00-0033		2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0034		2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0033)*		
26 27 23 00-0035	EA	2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	445.18	53.60
26 27 23 00-0036	EA	2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	496.99	53.60
26 27 23 00-0037	EA	2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	555.07	53.60
26 27 23 00-0038		Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0033)*		
26 27 23 00-0039	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One Single Receptacle	68.85	11.05
26 27 23 00-0040	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Three Duplex Receptacles	70.31	11.05
26 27 23 00-0041	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	75.18	11.05
26 27 23 00-0042	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Data And A/V Modular Devices	51.28	11.05
26 27 23 00-0043	EA	Add-On 2-1/8" Width Aluminum Radius Control Entrance End Fitting	39.84	11.05
26 27 23 00-0044		2-1/4" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0045	EA	2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	429.00	53.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 23 00-0046	EA	2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	482.14	53.60
26 27 23 00-0047	EA	2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	544.74	53.60
26 27 23 00-0048		5" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0049	EA	5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	902.29	53.60
26 27 23 00-0050	EA	5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	1,032.61	53.60
26 27 23 00-0051	EA	5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	1,176.57	53.60
26 27 23 00-0052		2" Diameter, Round Aluminum Communication And Power Pole *(26 27 23 00-0032)*		
26 27 23 00-0053	EA	2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	488.39	53.60
26 27 23 00-0054	EA	2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole	462.13	53.60
26 27 23 00-0055	EA	2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole	593.20	53.60
26 27 26		**Wiring Devices** *(26 27)*		
		Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet device, cover plate, mounting and appropriate box.		
26 27 26 00-0001		Receptacles *(26 27 26)*		
26 27 26 00-0002		General Use Receptacles *(26 27 26 00-0001)*		
26 27 26 00-0003		Receptacle Assemblies *(26 27 26 00-0002)*		
		Note: Includes 4" square steel box, bracket, mud ring, receptacle and cover plate.		
26 27 26 00-0004	EA	15 Amperes, 1 Gang, NEMA 5-15, Duplex Receptacle Assembly	103.05	42.94
26 27 26 00-0005	EA	20 Amperes, 1 Gang, NEMA 5-20, Duplex Receptacle Assembly	110.11	45.96
26 27 26 00-0006	EA	15 Amperes, 2 Gang, NEMA 5-15, Duplex Receptacle Assembly	131.74	55.03
26 27 26 00-0007	EA	20 Amperes, 2 Gang, NEMA 5-20, Duplex Receptacle Assembly	145.87	61.09
26 27 26 00-0008	EA	15 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly	116.83	42.94
26 27 26 00-0009	EA	20 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly	124.61	45.96
26 27 26 00-0010		Receptacle Components *(26 27 26 00-0002)*		
26 27 26 00-0011	EA	15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Single Receptacle	27.95	12.10
26 27 26 00-0012	EA	15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Duplex Receptacle	27.14	12.10
26 27 26 00-0013	EA	15 Amperes, 120/277 Volt, 3 Wire, Single Receptacle	31.88	12.10
26 27 26 00-0014	EA	15 Amperes, 120/277 Volt, 3 Wire, Duplex Receptacle	34.62	12.10
26 27 26 00-0015	EA	15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Single Receptacle	44.16	15.12
26 27 26 00-0016	EA	15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Duplex Receptacle	53.16	15.12
26 27 26 00-0017	EA	20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Single Receptacle	29.00	12.10
26 27 26 00-0018	EA	20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Duplex Receptacle	28.16	12.10
26 27 26 00-0019	EA	20 Amperes, 120/277 Volt, Single Receptacle	40.51	12.10
26 27 26 00-0020	EA	20 Amperes, 120/277 Volt, Duplex Receptacle	33.76	12.10
26 27 26 00-0021	EA	20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Single Receptacle	44.16	15.12
26 27 26 00-0022	EA	20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Duplex Receptacle	53.16	15.12
26 27 26 00-0023	EA	20 Amperes, 125/250 Volt, 1 Phase, NEMA 14-20, Single Receptacle	82.02	15.12
26 27 26 00-0024	EA	20 Amperes, 250 Volt, 3 Phase, NEMA 15-20, Single Receptacle	82.02	15.12
26 27 26 00-0025	EA	25 Amperes, 120/277 Volt, Duplex Receptacle	69.55	18.14
26 27 26 00-0026		Specialty Receptacles *(26 27 26 00-0001)*		
26 27 26 00-0027		Specialty Receptacles *(26 27 26 00-0026)*		
26 27 26 00-0028	EA	30 Amperes, 125 Volt, 1 Phase, NEMA 5-30, Single Receptacle	62.75	21.17
26 27 26 00-0029	EA	30 Amperes, 250 Volt, 1 Phase, NEMA 6-30, Single Receptacle	62.75	21.17
26 27 26 00-0030	EA	30 Amperes, 125/250 Volt, NEMA 10-30, Single Receptacles	82.34	21.17
26 27 26 00-0031	EA	30 Amperes, 125/250 Volt, 1 Phase, NEMA 14-30, Single Receptacle	94.11	21.17
26 27 26 00-0032	EA	30 Amperes, 250 Volt, 3 Phase, NEMA 15-30, Single Receptacle	100.16	24.19
26 27 26 00-0033	EA	50 Amperes, 125 Volt, 1 Phase, NEMA 5-50, Single Receptacle	92.68	24.19
26 27 26 00-0034	EA	50 Amperes, 250 Volt, 1 Phase, NEMA 6-50, Single Receptacle	90.57	24.19
26 27 26 00-0035	EA	50 Amperes, 277 Volt, NEMA 7-50, Single Receptacle	79.70	24.19
26 27 26 00-0036	EA	50 Amperes, 125/250 Volt, NEMA 10-50, Single Receptacle	99.61	24.19
26 27 26 00-0037	EA	50 Amperes, 125/250 Volt, 1 Phase, NEMA 14-50, Single Receptacle	111.67	24.19
26 27 26 00-0038	EA	50 Amperes, 250 Volt, 3 Phase, NEMA 15-50, Single Receptacle	117.72	27.21
26 27 26 00-0039	EA	60 Amperes, 125/250 Volt, 1 Phase, NEMA 14-60, Single Receptacle	129.51	30.24
26 27 26 00-0040	EA	60 Amperes, 250 Volt, 3 Phase, NEMA 15-60, Single Receptacle	141.61	36.29
26 27 26 00-0041	EA	100 Amperes, 480 Volt, 3 Phase, Joy Receptacle With Box, Complete	1,336.83	284.24
26 27 26 00-0042	EA	400 Amperes, 4 Pole Weatherproof Generator Receptacle With Box, Complete	3,240.63	347.74
26 27 26 00-0043	EA	30 Amperes, 230 Volt, Dryer Receptacle	74.79	24.19
26 27 26 00-0044	EA	60 Amperes, 230 Volt, Range Receptacle	109.56	36.29
26 27 26 00-0045	EA	15 Or 20 Amperes, 120/277 Volt, Clock Hanger Receptacle	69.55	15.12
26 27 26 00-0046	EA	Cable Reel With 20 Amperes, 120 Volt Receptacle, Complete	1,409.08	368.31
26 27 26 00-0047		Isolated Ground Receptacles *(26 27 26 00-0026)*		
26 27 26 00-0048	EA	15 Amperes, 125 Volt, NEMA 5-15R Isolated Ground Receptacle, Simplex Note: 2 Pole, 3 wire.	91.11	12.10
26 27 26 00-0049	EA	20 Amperes, 120 Volt Isolated Ground Receptacles, Simplex	59.31	15.12
26 27 26 00-0050	EA	20 Amperes, 120 Volt Isolated Ground Receptacles, Duplex	59.10	15.12
26 27 26 00-0051	EA	30 Amperes, 120 Volt Isolated Ground Receptacles, Simplex	82.44	24.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0052	EA	Locking 15 Amperes, 250 Volt Isolated Ground Receptacles	66.24	15.12
26 27 26 00-0053	EA	Locking 15 Amperes, 277 Volt Isolated Ground Receptacles	60.85	15.12
26 27 26 00-0054	EA	Locking 20 Amperes, 120/208 Volt Isolated Ground Receptacles	83.76	18.14
26 27 26 00-0055	EA	Locking 20 Amperes, 277/480 Volt Isolated Ground Receptacles	66.97	18.14
26 27 26 00-0056	EA	Locking 20 Amperes, 347/600 Volt Isolated Ground Receptacles	85.75	18.14
26 27 26 00-0057	EA	Locking 30 Amperes, 120/208 Volt Isolated Ground Receptacles	104.05	18.14
26 27 26 00-0058	EA	Locking 30 Amperes, 277 Volt Isolated Ground Receptacles	103.23	24.19
26 27 26 00-0059		**Explosion Proof Receptacles** *(26 27 26 00-0026)*		
26 27 26 00-0060	EA	1/2", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	917.53	30.24
26 27 26 00-0061	EA	3/4", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	845.18	33.26
26 27 26 00-0062	EA	3/4", 30 Amperes, 2 Watt, 3 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,404.97	60.47
26 27 26 00-0063	EA	3/4", 30 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,770.42	60.47
26 27 26 00-0064	EA	1-1/4", 60 Amperes, 2 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	2,239.66	90.71
26 27 26 00-0065	EA	1-1/4", 60 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	2,133.86	90.71
26 27 26 00-0066		**Ground Fault Circuit Interrupter (GFCI)** *(26 27 26 00-0026)*		
26 27 26 00-0067	EA	15 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	37.90	15.12
26 27 26 00-0068	EA	20 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	54.77	18.14
26 27 26 00-0069		**Arc Fault Circuit Interrupter (AFCI)** *(26 27 26 00-0026)*		
26 27 26 00-0070	EA	15 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	67.94	15.12
26 27 26 00-0071	EA	20 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	74.61	15.12
26 27 26 00-0072		**Locking Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0073	EA	NEMA L5-15, 125 Volt, 2 Pole, 15 Amperes, Locking Receptacle	55.37	15.12
26 27 26 00-0074	EA	NEMA L6-15, 250 Volt, 2 Pole, 15 Amperes, Locking Receptacle	68.41	15.12
26 27 26 00-0075	EA	NEMA L5-20, 125 Volt, 2 Pole, 20 Amperes, Locking Receptacle	61.27	18.14
26 27 26 00-0076	EA	NEMA L6-20, 250 Volt, 2 Pole, 20 Amperes, Locking Receptacle	60.69	18.14
26 27 26 00-0077	EA	NEMA L8-20, 480 Volt, 2 Pole, 20 Amperes, Locking Receptacle	72.16	18.14
26 27 26 00-0078	EA	NEMA L9-20, 600 Volt, 2 Pole, 20 Amperes, Locking Receptacle	86.99	18.14
26 27 26 00-0079	EA	NEMA L10-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle	85.35	18.14
26 27 26 00-0080	EA	NEMA L14-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle	74.51	18.14
26 27 26 00-0081	EA	NEMA L5-30, 125 Volt, 2 Pole, 30 Amperes, Locking Receptacle	84.64	24.19
26 27 26 00-0082	EA	NEMA L6-30, 250 Volt, 2 Pole, 30 Amperes, Locking, Receptacle	86.02	24.19
26 27 26 00-0083	EA	NEMA L15-30, 250 Volt, 3 Pole, 30 Amperes, Locking Receptacle	110.64	24.19
26 27 26 00-0084		**Weathertight Pin And Sleeve Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0085	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R4W)	278.48	60.47
26 27 26 00-0086	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R6W)	277.83	60.47
26 27 26 00-0087	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R7W)	290.12	60.47
26 27 26 00-0088	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R12W)	354.30	66.53
26 27 26 00-0089	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R9W)	355.33	66.53
26 27 26 00-0090	EA	20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R7W)	352.96	66.53
26 27 26 00-0091	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R4W)	423.33	74.38
26 27 26 00-0092	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R6W)	403.35	74.38
26 27 26 00-0093	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R7W)	434.63	74.38
26 27 26 00-0094	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R12W)	438.68	81.64
26 27 26 00-0095	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R9W)	438.29	81.64
26 27 26 00-0096	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R7W)	441.12	81.64
26 27 26 00-0097	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R4W)	618.06	96.76
26 27 26 00-0098	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R6W)	593.87	96.76
26 27 26 00-0099	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R7W)	609.62	96.76
26 27 26 00-0100	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R12W)	678.89	107.65
26 27 26 00-0101	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R9W)	679.36	107.65
26 27 26 00-0102	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R7W)	679.82	107.65
26 27 26 00-0103	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R6W)	755.57	120.96
26 27 26 00-0104	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R7W)	786.59	120.96
26 27 26 00-0105	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R12W)	846.11	133.04
26 27 26 00-0106	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R9W)	843.78	133.04
26 27 26 00-0107	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R7W)	848.16	133.04
26 27 26 00-0108		**Corrosion Resistant Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0109	EA	15/20 Amperes, 125 Volt Corrosion Resistant, Power Receptacles	72.21	12.10
26 27 26 00-0110	EA	15/20 Amperes, 250 Volt Corrosion Resistant, Power Receptacles	143.72	15.12
26 27 26 00-0111		**Tamper Resistant Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0112	EA	15 Amperes, 125 Volt Duplex Tamper Resistant Receptacle Note: Pass & Seymour 3232-TR.	29.79	12.10
26 27 26 00-0113	EA	20 Amperes, 125 Volt Duplex Tamper Resistant Receptacle Note: Pass & Seymour TR20.	32.67	12.10
26 27 26 00-0114	EA	15 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5251.	40.94	12.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0115	EA	20 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5351.	44.82	12.10
26 27 26 00-0116	EA	15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Tamper Resistant Receptacle Note: Pass & Seymour S1595-TR*CC8.	68.11	12.10
26 27 26 00-0117	EA	15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 1595-TRS.	73.67	12.10
26 27 26 00-0118	EA	20 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 2095-TRS.	78.97	12.10
26 27 26 00-0119		**USB Charger/Duplex Tamper-Resistant Receptacles** *(26 27 26 00-0026)*		
26 27 26 00-0120	EA	15 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle	70.14	12.10
26 27 26 00-0121	EA	20 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle	75.89	12.10
26 27 26 00-0122		**Television Receptacle** *(26 27 26 00-0001)*		
26 27 26 00-0123	EA	TV Receptacle With Cover (Type F), Complete	76.31	28.06
26 27 26 00-0124		**Switches** *(26 27 26)*		
26 27 26 00-0125		**Switches** *(26 27 26 00-0124)*		
26 27 26 00-0126		**Switch Assemblies** *(26 27 26 00-0125)* Note: Includes 4" square steel box, bracket, mud ring, switch and cover plate.		
26 27 26 00-0127	EA	1 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	106.27	42.33
26 27 26 00-0128	EA	1 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	114.02	45.96
26 27 26 00-0129	EA	2 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	141.21	55.33
26 27 26 00-0130	EA	2 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	154.30	61.39
26 27 26 00-0131	EA	3 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	243.19	94.95
26 27 26 00-0132	EA	3 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	262.83	104.02
26 27 26 00-0133	EA	4 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	278.25	107.35
26 27 26 00-0134	EA	4 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	304.42	119.44
26 27 26 00-0135		**Switch Components** *(26 27 26 00-0125)*		
26 27 26 00-0136	EA	15 Amperes, 120/277 Volt, SPST Switch	31.57	12.10
26 27 26 00-0137	EA	15 Amperes, 120/277 Volt, 3-Way Switch	39.94	15.12
26 27 26 00-0138	EA	15 Amperes, 120/277 Volt, 4-Way Switch	76.53	24.19
26 27 26 00-0139	EA	15 Amperes, 120/277 Volt, DPST Switch	35.87	12.10
26 27 26 00-0140	EA	15 Amperes, 120/277 Volt, Thermal Switch	66.95	15.12
26 27 26 00-0141	EA	20 Amperes, 120/277 Volt, SPST Switch	38.12	15.12
26 27 26 00-0142	EA	20 Amperes, 120/277 Volt, 3-Way Switch	47.07	18.14
26 27 26 00-0143	EA	20 Amperes, 120/277 Volt, 4-Way Switch	102.08	24.19
26 27 26 00-0144	EA	20 Amperes, 120/277 Volt, DPST Switch	45.01	15.12
26 27 26 00-0145	EA	20 Amperes, 120/277 Volt, DPDT Switch	48.06	15.12
26 27 26 00-0146	EA	15 Amperes, 120/277 Volt, Single Pole, Toggle, Three Position, Center Off, Momentary Contact Switch	83.88	15.15
26 27 26 00-0147	EA	15 Amperes, 120/277 Volt, Key Operated, Single Pole, Three Position, Center Off, Momentary Contact Switch	105.81	15.15
26 27 26 00-0148	EA	Momentary Contact Switch With Separate Neon Pilot Note: Neon Pilot is 125 V, 1 / 125W.	80.63	18.17
26 27 26 00-0149	EA	20 Amperes, 125 Volt AC, Single Pole, Maintained Contact Switch With Center Off Note: Or 250 VAC 10 Amp, double throw BAT handle.	57.63	21.17
26 27 26 00-0150	EA	20 Amperes, 125 Volt AC, Double Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	70.66	24.19
26 27 26 00-0151	EA	20 Amperes, 125 Volt AC, Three Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	102.14	24.19
26 27 26 00-0152	EA	30 Amperes, 120/277 Volt, Single Pole, Local Switch	84.10	24.23
26 27 26 00-0153	EA	30 Amperes, 120/277 Volt, Double Pole, Local Switch	103.81	24.23
26 27 26 00-0154	EA	30 Amperes, 120/277 Volt, Three-Way Local Switch	108.43	30.29
26 27 26 00-0155	EA	30 Amperes, 120/277 Volt, Four-Way Local Switch	151.61	33.32
26 27 26 00-0156	EA	15 Amperes, 120/277 Volt, Local Switch With Neon Pilot	72.02	19.81
26 27 26 00-0157	EA	15 Amperes, 120/277 Volt, Local Switch With Separate Neon Pilot Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation.	102.07	19.81
26 27 26 00-0158	EA	15 Amperes, 120 Volt, Clear Toggle, Lighted In On Position, Single Pole, Lighted Toggle Switch	89.11	19.81
26 27 26 00-0159	EA	15 Amperes, 120 Volt, Ivory Toggle, Lighted In Off Position, Lighted Toggle Switch	84.65	19.81
26 27 26 00-0160	EA	6 Amperes, 125 Volt, Door Open-Light On, Automatic Door Switch	94.29	9.82
26 27 26 00-0161	EA	6 Amperes, 125 Volt, Door Closed-Light On, Automatic Door Switch	100.33	9.82
26 27 26 00-0162	EA	15 Amperes, 120/277 Volt, Three Position, Center Off, Toggle, Single Pole Momentary Contact Switch	106.53	37.80
26 27 26 00-0163	EA	Three Position, Center Off, Key Operated, Momentary Contact Switch Note: 15A, 120/277 V, Single Pole	128.46	37.80
26 27 26 00-0164	EA	Single Pole, Slide Dimmer (Leviton IP710-LFZ)	153.61	12.12
26 27 26 00-0165	EA	8 Amperes, 120/277 Volt, 0 To 10 Volt Dimmer LED Control Switch, White (Lutron DVSTV-WH)	96.68	12.12
26 27 26 00-0166	EA	120/277 Volt, (8 Amperes Lighting/3 Amperes Fan), Wireless Dimming Switch (Lutron MRF2-8S-DV-WH)	260.25	12.10
26 27 26 00-0167	EA	120 Volt, Companion Wireless Dimmer Switch (Lutron MA-AS-WH)	52.65	12.10
26 27 26 00-0168	EA	1200VA 0-10V LED And Fluorescent, Sunrise Electronic Wall Dimmer (Philips SR1200ZTUNV)	103.39	12.12
26 27 26 00-0169	EA	1 Zone, 2 Button Wireless Scheduling Switch (LG 9SSA2B1T520.ALWB000)	119.42	12.12
26 27 26 00-0170	EA	2 Zone, 4 Button Wireless Scheduling Switch (LG 9SSA2B2T520.ALWB000)	154.41	12.12
26 27 26 00-0171	EA	Wireless Single Rocker Remote Switch (Leviton WSS0S-S9)	158.33	12.12

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0172		**Specialty Switches** *(26 27 26 00-0124)*		
26 27 26 00-0173		**Dimmers With SPST Switch** *(26 27 26 00-0172)*		
26 27 26 00-0174	EA	600 Watt Dimmers With SPST Switch	70.38	27.21
26 27 26 00-0175	EA	1,000 Watt Dimmers With SPST Switch	120.19	27.21
26 27 26 00-0176	EA	1,500 Watt Dimmers With SPST Switch	216.23	43.79
26 27 26 00-0177	EA	2,000 Watt Dimmers With SPST Switch	279.78	43.79
26 27 26 00-0178	EA	600 Watt Fluorescent Dimmer Switch	156.15	32.29
26 27 26 00-0179	EA	1,000 Watt Fluorescent Dimmer Switch	210.83	32.29
26 27 26 00-0180	EA	1,500 Watt Fluorescent Dimmer Switch	381.17	48.75
26 27 26 00-0181	EA	Remote Speed Switch For Paddle Fan	115.75	40.28
26 27 26 00-0182	EA	600 Watt Combination Remote Speed Switch/Incandescent Dimmer	190.62	60.11
26 27 26 00-0183		**Time Switches** *(26 27 26 00-0172)*		
26 27 26 00-0184	EA	40 Amperes, 125 Volt, SPST, Standard Time Switch	130.10	36.29
26 27 26 00-0185	EA	40 Amperes, 277 Volt, SPST, Standard Time Switch	132.98	36.29
26 27 26 00-0186	EA	40 Amperes, 125 Volt, DPST, Standard Time Switch	130.10	36.29
26 27 26 00-0187	EA	40 Amperes, 277 Volt, DPST, Standard Time Switch	132.98	36.29
26 27 26 00-0188	EA	40 Amperes, 125 Volt, SPST, 7-Day Time Switch	149.28	36.29
26 27 26 00-0189	EA	40 Amperes, 277 Volt, SPST, 7-Day Time Switch	149.28	36.29
26 27 26 00-0190	EA	40 Amperes, 125 Volt, DPDT, 7-Day Time Switch	262.43	36.29
26 27 26 00-0191	EA	40 Amperes, 277 Volt, DPDT, 7-Day Time Switch	262.43	36.29
26 27 26 00-0192	EA	20 Amperes, 125 Volt, SPST, Programmable Time Switch	226.13	36.29
26 27 26 00-0193	EA	20 Amperes, 277 Volt, SPST, Programmable Time Switch	248.30	36.29
26 27 26 00-0194	EA	20 Amperes, 277 Volt, SPST, Weatherproof Programmable Time Switch	248.30	36.29
26 27 26 00-0195	EA	40 Amperes, 125 Volt, 4PST, Astro Dial Time Switch	300.69	36.29
26 27 26 00-0196	EA	40 Amperes, 277 Volt, 4PST, Astro Dial Time Switch	309.51	36.29
26 27 26 00-0197	EA	40 Amperes, 125 Volt, SPST, Weatherproof Standard Time Switch	130.10	36.29
26 27 26 00-0198	EA	40 Amperes, 277 Volt, SPST, Weatherproof Standard Time Switch	132.98	36.29
26 27 26 00-0199	EA	40 Amperes, 125 Volt, DPST, Weatherproof Standard Time Switch	130.10	36.29
26 27 26 00-0200	EA	40 Amperes, 277 Volt, DPST, Weatherproof Standard Time Switch	132.98	36.29
26 27 26 00-0201	EA	40 Amperes, 125 Volt, SPST, Weatherproof 7-Day Time Switch	149.28	36.29
26 27 26 00-0202	EA	40 Amperes, 277 Volt, SPST, Weatherproof 7-Day Time Switch	149.28	36.29
26 27 26 00-0203	EA	40 Amperes, 125 Volt, DPDT, Weatherproof 7-Day Time Switch	262.43	36.29
26 27 26 00-0204	EA	40 Amperes, 277 Volt, DPDT, Weatherproof 7-Day Time Switch	262.43	36.29
26 27 26 00-0205	EA	40 Amperes, 125 Volt, 4PST, Weatherproof Astro Dial Time Switch	300.69	36.29
26 27 26 00-0206	EA	40 Amperes, 277 Volt, 4PST, Weatherproof Astro Dial Time Switch	309.51	36.29
26 27 26 00-0207		**Low Voltage Switching** *(26 27 26 00-0172)*		
26 27 26 00-0208	EA	36 Pin Male Or Female Connector	210.20	12.10
26 27 26 00-0209		**Other Switches** *(26 27 26 00-0172)*		
26 27 26 00-0210	EA	Pull Chain Switch 120/277 Volt AC Installed In Light Fixture	39.85	18.14
26 27 26 00-0211	EA	SPST Locking Switch For Concealed Devices	121.48	48.38
26 27 26 00-0212	EA	3-Way Locking Switch For Concealed Devices	123.03	48.38
26 27 26 00-0213	EA	Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard	134.30	45.24
26 27 26 00-0214	EA	15 Amperes Momentary Contact Switch	128.02	45.24
26 27 26 00-0215	EA	20 Amperes Momentary Contact Switch	134.64	45.24
26 27 26 00-0216	EA	2-1/4" Handy Box Cover Units Fuseholder Switch	127.48	54.52
26 27 26 00-0217	EA	2-3/4" Handy Box Cover Units Fuseholder Switch	129.32	54.52
26 27 26 00-0218	EA	4" Square Box Cover Units With 2 Fuseholders And 2 Switches	159.08	66.64
26 27 26 00-0219	EA	4" Square Box Cover Units With 1 Fuseholder And 1 Switch	144.68	60.57
26 27 26 00-0220	EA	4" Octagon Box Cover Units With 1 Fuseholder And 1 Switch	145.14	60.57
26 27 26 00-0221		**Plates And Covers** *(26 27 26)*		
26 27 26 00-0222		**Wall Plates** *(26 27 26 00-0221)*		
26 27 26 00-0223		**Nylon Wall Plates** *(26 27 26 00-0222)*		
26 27 26 00-0224	EA	1 Gang Nylon Switch Wall Plates	1.93	0.60
26 27 26 00-0225	EA	2 Gang Nylon Switch Wall Plates	3.26	0.91
26 27 26 00-0226	EA	3 Gang Nylon Switch Wall Plates	4.63	1.21
26 27 26 00-0227	EA	4 Gang Nylon Switch Wall Plate	6.68	1.52
26 27 26 00-0228	EA	1 Gang Duplex Nylon Wall Plate	1.94	0.60
26 27 26 00-0229	EA	2 Gang Duplex Nylon Wall Plate	3.34	0.91
26 27 26 00-0230		**Plastic Wall Plates** *(26 27 26 00-0222)*		
26 27 26 00-0231	EA	1 Gang Plastic Switch Wall Plates	1.78	0.60
26 27 26 00-0232	EA	2 Gang Plastic Switch Wall Plates	2.97	0.91
26 27 26 00-0233	EA	3 Gang Plastic Switch Wall Plates	4.17	1.21
26 27 26 00-0234	EA	4 Gang Plastic Switch Wall Plates	6.68	1.52
26 27 26 00-0235	EA	1 Gang Duplex Plastic Wall Plate	1.78	0.60
26 27 26 00-0236	EA	2 Gang Duplex Plastic Wall Plate	2.98	0.91

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0237		**Brass Wall Plates** *(26 27 26 00-0222)*		
26 27 26 00-0238	EA	1 Gang, 0.04" Brass Switch Wall Plates	18.98	2.73
26 27 26 00-0239	EA	2 Gang, 0.04" Brass Switch Wall Plates	35.66	3.15
26 27 26 00-0240	EA	3 Gang, 0.04" Brass Switch Wall Plates	52.22	3.51
26 27 26 00-0241	EA	4 Gang, 0.04" Brass Switch Wall Plates	81.31	3.81
26 27 26 00-0242	EA	5 Gang, 0.04" Brass Switch Wall Plates	99.07	4.06
26 27 26 00-0243	EA	6 Gang, 0.04" Brass Switch Wall Plates	114.69	4.24
26 27 26 00-0244	EA	1 Gang, 0.04" Brass Duplex Receptacle Wall Plate	18.98	2.73
26 27 26 00-0245	EA	2 Gang, 0.04" Brass Duplex Receptacle Wall Plate	41.82	3.15
26 27 26 00-0246	EA	3 Gang 0.04" Brass Duplex Receptacle Wall Plate	60.33	3.51
26 27 26 00-0247		**Stainless Steel Wall Plates** *(26 27 26 00-0222)*		
26 27 26 00-0248	EA	1 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	10.08	2.73
26 27 26 00-0249	EA	2 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	16.23	3.15
26 27 26 00-0250	EA	3 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	22.72	3.51
26 27 26 00-0251	EA	4 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	33.39	3.81
26 27 26 00-0252	EA	5 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	39.35	4.06
26 27 26 00-0253	EA	6 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	47.62	4.24
26 27 26 00-0254	EA	1 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	11.06	2.73
26 27 26 00-0255	EA	2 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	18.53	3.15
26 27 26 00-0256	EA	3 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	30.34	3.51
26 27 26 00-0257	EA	4 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	36.70	3.81
26 27 26 00-0258		**Chrome Wall Plates** *(26 27 26 00-0222)*		
26 27 26 00-0259	EA	1 Gang, 0.040" Chrome Switch Wall Plate	38.12	2.73
26 27 26 00-0260	EA	2 Gang 0.040" Chrome Switch Wall Plate	71.52	3.15
26 27 26 00-0261	EA	3 Gang 0.040" Chrome Switch Wall Plate	104.89	3.51
26 27 26 00-0262	EA	1 Gang 0.040" Chrome Duplex Receptacle Wall Plate	38.09	2.73
26 27 26 00-0263		**Weatherproof Covers** *(26 27 26 00-0221)*		
26 27 26 00-0264		**Stamped Metallic Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0265	EA	Blank Cover, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FBC)	11.12	0.60
26 27 26 00-0266	EA	Duplex Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FAC)	12.04	0.60
26 27 26 00-0267	EA	Single Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FRC)	12.04	0.60
26 27 26 00-0268	EA	Toggle Switch, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FTC)	12.04	0.60
26 27 26 00-0269	EA	Blank Cover, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FBC)	14.80	0.91
26 27 26 00-0270	EA	Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FAC)	16.78	0.91
26 27 26 00-0271	EA	Single Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FRC)	16.98	0.91
26 27 26 00-0272	EA	Toggle Switch, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTC)	16.98	0.91
26 27 26 00-0273	EA	Toggle Switch And Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTAC)	23.02	0.91
26 27 26 00-0274	EA	Blank Cover, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FB)	21.87	1.21
26 27 26 00-0275	EA	Toggle Switch, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FT)	23.89	1.21
26 27 26 00-0276		**Cast Metallic Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0277	EA	Blank Cover, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSBC)	13.59	0.60
26 27 26 00-0278	EA	Duplex Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLA)	43.13	0.60
26 27 26 00-0279	EA	Single Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLR)	48.35	0.60
26 27 26 00-0280	EA	Guarded Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSTG)	13.49	0.60
26 27 26 00-0281	EA	Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLT)	36.58	0.60
26 27 26 00-0282	EA	Lever Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSPT)	60.77	0.60
26 27 26 00-0283	EA	Plunger Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FST)	77.34	0.60
26 27 26 00-0284	EA	Blank Cover, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FSBC)	16.98	0.91
26 27 26 00-0285	EA	Plunger Operated Toggle Switch, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FST)	122.16	0.91
26 27 26 00-0286	EA	Blank Cover, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FSBC)	28.35	1.21
26 27 26 00-0287	EA	Plunger Operated Toggle Switch, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FST)	116.77	1.21
26 27 26 00-0288		**Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0289	EA	Duplex Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5027)	5.44	0.60
26 27 26 00-0290	EA	Single Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5026)	6.98	0.60
26 27 26 00-0291	EA	Duplex Receptacles, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5032)	9.37	0.91
26 27 26 00-0292	EA	Toggle Switch, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5041)	10.17	0.91
26 27 26 00-0293	EA	Toggle Switch And Duplex Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5042)	10.17	0.91
26 27 26 00-0294	EA	Toggle Switch And Single Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5043)	11.33	0.91
26 27 26 00-0295		**Heavy Duty Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes baked on lacquer finish and neoprene gasket.		
26 27 26 00-0296	EA	Duplex Receptacle, Single Gang, Heavy Duty Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Pass & Seymour Legrand® 4510)	55.76	0.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0297		**Polycarbonate Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0298	EA	Toggle Switch, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	11.21	0.60
26 27 26 00-0299	EA	Duplex Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	11.21	0.60
26 27 26 00-0300	EA	Single Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	11.21	0.60
26 27 26 00-0301	EA	Duplex Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	13.86	0.91
26 27 26 00-0302	EA	Toggle Switch And Single Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	13.86	0.91
26 27 26 00-0303		**High Impact Thermoplastic Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0304	EA	Duplex Receptacle, Single Gang, High Impact Thermoplastic Weatherproof Cover With Self Closing Lid (Hubbell® HBL522)	88.13	0.60
26 27 26 00-0305		**Non Metallic (PVC) Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0306	EA	Blank Cover, Single Gang, Non Metallic (PVC) Weatherproof Cover	13.12	0.60
26 27 26 00-0307	EA	Blank Cover, Two Gang, Non Metallic (PVC) Weatherproof Cover	14.07	0.91
26 27 26 00-0308	EA	Toggle Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	13.16	0.60
26 27 26 00-0309	EA	Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	29.03	0.60
26 27 26 00-0310	EA	Duplex Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	33.66	0.60
26 27 26 00-0311	EA	20 Amperes, Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	27.28	0.60
26 27 26 00-0312	EA	30 Amperes, Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	20.32	0.60
26 27 26 00-0313	EA	50 Amperes, Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	23.78	0.60
26 27 26 00-0314	EA	Plunger Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	21.26	0.60
26 27 26 00-0315	EA	Double Duplex Receptacle, Two Gang, Non Metallic (PVC) Weatherproof Cover	30.61	0.91
26 27 26 00-0316		**Removal And Reinstallation Of Wiring Devices** *(26 27 26)*		
		Note: Includes storage and cleaning.		
26 27 26 00-0317	EA	Removal And Reinstallation Of Receptacle, Switch, Outlet Or Special System Device	79.58	
26 27 26 00-0318	EA	Removal And Reinstallation Of Receptacle Or Switch Outlet Cover Plate	10.08	
26 27 26 00-0319		**In Line Midget Fuseholders** *(26 27 26)*		
		See CSI section 26 28 13 00-0078 for fuses.		
26 27 26 00-0320	EA	Single Pole Water Resistant In Line Midget Fuseholder	87.94	
26 27 26 00-0321	EA	Double Pole Water Resistant In Line Midget Fuseholder	203.71	
26 27 26 00-0322		**Relay Systems** *(26 27 26)*		
26 27 26 00-0323	EA	10 Amperes, 24 Volt Coil, 2 Position Relay	91.74	27.21
26 27 26 00-0324	EA	20 Amperes, 120 Volt Coil, Up To 4 Contacts, Industrial Control Relay	392.74	90.71
26 27 26 00-0325	EA	20 Amperes, 120 Volt Coil, 12 Contacts, Industrial Control Relay	664.86	120.96
26 27 26 00-0326		**Limit Switches** *(26 27 26)*		
26 27 26 00-0327		**Heavy Duty Precision Oiltight** *(26 27 26 00-0326)*		
26 27 26 00-0328		**Lever Arm, Plunger, Wobble Stick Type** *(26 27 26 00-0327)*		
26 27 26 00-0329	EA	Limit Switch, Heavy Duty, Lever Arm Weatherproof, 10 Amperes Rated	438.23	76.20
26 27 33		**Power Distribution Units** *(26 27)*		
		Note: Includes wiring connections and testing.		
26 27 33 00-0001		**Liebert Precision Power Center** *(26 27 33)*		
		Note: With K20 Trans Spike Suppression Modules Lighting/Surge Arrestors. Includes start-up.		
26 27 33 00-0002	EA	PDU 15 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC015C)	20,404.56	371.93
26 27 33 00-0003	EA	PDU 30 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC030C)	24,639.24	403.13
26 27 33 00-0004	EA	PDU 50 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC050C)	28,080.70	447.53
26 27 33 00-0005	EA	PDU 75 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC075C)	32,310.30	483.81
26 27 33 00-0006	EA	PDU 100 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC100C)	35,254.17	604.77
26 27 33 00-0007	EA	PDU 125 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC125C)	39,549.01	725.72
26 27 33 00-0008	EA	PDU 150 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC150C)	45,631.90	846.68
26 27 33 00-0009	EA	PDU 200 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC200C)	47,979.75	967.62
26 27 33 00-0010	EA	PDU 225 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC225C)	50,685.20	1,088.58
26 27 33 00-0011	EA	Ex Panelboard 10-30 KVA	1,807.45	120.96
26 27 33 00-0012	EA	Ex Panelboard 50-125 KVA	2,702.35	151.19
26 27 33 00-0013	EA	Ex Panelboard 150-220 KVA	6,100.54	181.43
26 27 33 00-0014	EA	Removal And Reinstallation Of Power Distribution Unit Note: Includes disconnection / reconnection of branch circuits, storage and cleaning.	1,935.25	
26 27 33 00-0015	EA	Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only	1,451.44	
26 27 73		**Door Chimes** *(26 27)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 73 00-0001		Door Bell Chime And Door Button With Built-In Viewer *(26 27 73)* Note: Non-electric chime, mounted on door		
26 27 73 00-0002	EA	Mechanical Door Bell Chime And Door Button With Built-In Viewer (Newhouse Hardware MCHBV)	75.52	15.08
26 27 73 00-0003		Wireless Door Bell System *(26 27 73)*		
26 27 73 00-0004	EA	Wireless Doorbell Chime And Push Button (Broan LA542WH) Note: Includes 2 push buttons	137.36	
26 27 73 00-0005	EA	Wireless Doorbell Chime And Push Button (STI-3350G) Note: Includes 2 push buttons	129.42	
26 27 73 00-0006	EA	Wireless Doorbell Chime And Push Button (GE 19300) Note: Includes 2 push buttons	96.98	
26 27 73 00-0007		Door Bell Buzzer System, Wired *(26 27 73)*		
26 27 73 00-0008	EA	Door Bell, Push-Button And Transformer, Complete	659.41	251.95
26 27 73 00-0009	EA	Visual Flashing Doorbell Indicator, Wire To Existing System, Complete	266.89	60.47
26 27 73 00-0010	EA	Removal And Replacement Of Bell/Buzzer, Complete Note: Includes removal of existing.	108.41	30.24

26 28 Low-Voltage Circuit Protective Devices *(26 20)*

26 28 13 Fuses *(26 28)*

26 28 13 00-0001		125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuses *(26 28 13)*		
26 28 13 00-0002	EA	1 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	27.03	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0003	EA	2 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	26.42	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0004	EA	3 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	25.59	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0005	EA	5 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	25.47	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0006	EA	6 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	26.25	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0007	EA	8 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	24.73	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0008	EA	10 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	24.37	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0009	EA	15 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	21.41	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0010	EA	20 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	20.96	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0011	EA	25 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	21.81	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0012	EA	30 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	21.22	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0013		Class RK1, Time Delay Fuses *(26 28 13)*		
26 28 13 00-0014		250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*		
26 28 13 00-0015	EA	1 Ampere, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	41.59	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0016	EA	2 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	38.91	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0017	EA	3 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	40.78	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0018	EA	4 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	40.54	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0019	EA	5 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	38.67	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0020	EA	10 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	37.55	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0021	EA	15 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	34.59	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0022	EA	20 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	34.36	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0023	EA	25 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	34.61	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0024	EA	30 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	34.30	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0025	EA	35 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	46.92	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0026	EA	40 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	46.02	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0027	EA	45 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	46.69	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0028	EA	50 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	46.15	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0029	EA	60 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	45.33	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0030		**250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuses** *(26 28 13 00-0013)*		
26 28 13 00-0031	EA	70 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	83.67	10.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 28 13 00-0032	EA	80 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	83.23	10.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 28 13 00-0033	EA	90 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	92.29	10.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 28 13 00-0034	EA	100 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	82.51	10.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 28 13 00-0035	EA	110 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	231.63	10.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 28 13 00-0036	EA	125 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	169.89	10.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 28 13 00-0037	EA	150 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	156.38	11.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.98*	
26 28 13 00-0038	EA	200 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	164.61	11.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.98*	
26 28 13 00-0039	EA	250 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	306.67	11.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.98*	
26 28 13 00-0040	EA	300 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	330.24	14.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.80*	
26 28 13 00-0041	EA	350 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	354.85	14.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.80*	
26 28 13 00-0042	EA	400 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	274.13	14.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.80*	
26 28 13 00-0043	EA	450 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	607.10	14.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.80*	
26 28 13 00-0044	EA	500 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	575.30	18.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 28 13 00-0045	EA	600 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	449.47	18.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 28 13 00-0046		**600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses** *(26 28 13 00-0013)*		
26 28 13 00-0047	EA	1 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	63.66	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0048	EA	2 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	59.39	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0049	EA	3 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	55.82	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0050	EA	4 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	56.99	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0051	EA	5 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	55.98	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0052	EA	10 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	56.34	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0053	EA	15 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	52.44	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0054	EA	20 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	52.06	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0055	EA	25 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	51.53	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0056	EA	30 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	52.30	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0057	EA	35 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	75.44	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0058	EA	40 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	75.62	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0059	EA	45 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	74.16	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0060	EA	50 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	74.85	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0061	EA	60 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	75.46	8.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0062		**600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuses** *(26 28 13 00-0013)*		
26 28 13 00-0063	EA	70 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	140.78	10.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 28 13 00-0064	EA	80 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	144.36	11.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.98*	
26 28 13 00-0065	EA	90 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	143.58	11.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.98*	
26 28 13 00-0066	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	144.19	11.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.98*	
26 28 13 00-0067	EA	110 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	262.73	11.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.98*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0068		EA	125 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	266.67	11.98
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.98*	
26 28 13 00-0069		EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	263.71	14.75
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.80*	
26 28 13 00-0070		EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	263.06	14.75
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.80*	
26 28 13 00-0071		EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	499.31	14.75
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.80*	
26 28 13 00-0072		EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	502.92	18.02
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 28 13 00-0073		EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	566.73	18.02
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 28 13 00-0074		EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	513.77	18.02
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 28 13 00-0075		EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	920.35	18.02
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.98*	
26 28 13 00-0076		EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	820.88	21.77
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 13 00-0077		EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	716.44	21.77
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 13 00-0078			**600 Volt AC, Class CC Midget Fuses** *(26 28 13)*		
			Note: 250/300 Volt DC.		
26 28 13 00-0079		EA	1 Amperes, 600 Volt AC, Class CC Midget Fuse	47.69	8.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0080		EA	2 Amperes, 600 Volt AC, Class CC Midget Fuse	48.40	8.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0081		EA	3 Amperes, 600 Volt AC, Class CC Midget Fuse	48.20	8.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0082		EA	5 Amperes, 600 Volt AC, Class CC Midget Fuse	47.97	8.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0083		EA	6 Amperes, 600 Volt AC, Class CC Midget Fuse	51.33	8.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0084		EA	8 Amperes, 600 Volt AC, Class CC Midget Fuse	45.96	8.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0085		EA	10 Amperes, 600 Volt AC, Class CC Midget Fuse	52.26	8.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0086		EA	15 Amperes, 600 Volt AC, Class CC Midget Fuse	47.99	8.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0087		EA	20 Amperes, 600 Volt AC, Class CC Midget Fuse	47.12	8.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0088		EA	25 Amperes, 600 Volt AC, Class CC Midget Fuse	45.11	8.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0089		EA	30 Amperes, 600 Volt AC, Class CC Midget Fuse	46.82	8.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 28 13 00-0090			**200,000 Ampere Interrupting Capacity, 600 Volt AC, Class J Bolted Fuse** *(26 28 13)*		
26 28 13 00-0091		EA	1 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	60.71	6.04
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.63*	
26 28 13 00-0092		EA	3 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	61.18	6.04
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.63*	
26 28 13 00-0093		EA	6 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	53.01	7.26
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.35*	
26 28 13 00-0094		EA	10 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	52.90	9.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 28 13 00-0095		EA	15 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	54.02	9.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 28 13 00-0096		EA	20 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	53.02	9.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 28 13 00-0097		EA	25 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	67.60	12.10
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 28 13 00-0098		EA	30 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	56.45	12.10
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 28 13 00-0099		EA	35 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	98.08	12.10
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 28 13 00-0100		EA	40 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	83.73	12.10
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 28 13 00-0101		EA	45 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	95.88	12.10
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 28 13 00-0102		EA	50 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	85.44	15.12
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 28 13 00-0103		EA	60 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	83.89	15.12
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 28 13 00-0104		EA	70 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	129.88	18.14
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.89*	
26 28 13 00-0105		EA	80 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	138.39	18.14
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.89*	
26 28 13 00-0106		EA	90 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	136.22	18.14
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.89*	
26 28 13 00-0107		EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	119.69	21.17
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.70*	

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26 28 13 00-0108	EA	110 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	278.45	21.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.70*	
26 28 13 00-0109	EA	125 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	236.85	21.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.70*	
26 28 13 00-0110	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	226.11	24.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.52*	
26 28 13 00-0111	EA	175 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	229.42	24.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.52*	
26 28 13 00-0112	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	190.72	24.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.52*	
26 28 13 00-0113	EA	225 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	480.14	24.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.52*	
26 28 13 00-0114	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	444.02	24.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.52*	
26 28 13 00-0115	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	409.27	24.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.52*	
26 28 13 00-0116	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	446.26	24.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.52*	
26 28 13 00-0117	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	368.87	27.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.33*	
26 28 13 00-0118	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	781.61	27.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.33*	
26 28 13 00-0119	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	663.86	30.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 13 00-0120	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	494.29	30.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	

26 28 13 00-0121 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuses *(26 28 13)*

26 28 13 00-0122	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,493.12	15.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 28 13 00-0123	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,496.07	15.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 28 13 00-0124	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,498.81	15.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 28 13 00-0125	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,494.32	18.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.89*	
26 28 13 00-0126	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,376.39	18.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.89*	
26 28 13 00-0127	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,472.93	21.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.70*	
26 28 13 00-0128	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,355.86	21.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.70*	
26 28 13 00-0129	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,516.18	21.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.70*	
26 28 13 00-0130	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,486.65	21.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.70*	
26 28 13 00-0131	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,322.88	24.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 13 00-0132	EA	601 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,358.41	24.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 13 00-0133	EA	650 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,805.02	24.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 13 00-0134	EA	700 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,316.44	24.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 13 00-0135	EA	750 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,020.23	27.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.33*	
26 28 13 00-0136	EA	800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,165.11	27.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.33*	
26 28 13 00-0137	EA	900 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,699.78	27.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.33*	
26 28 13 00-0138	EA	1,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,145.57	27.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.33*	
26 28 13 00-0139	EA	1,200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,179.56	27.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.33*	
26 28 13 00-0140	EA	1,350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,617.86	27.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.33*	
26 28 13 00-0141	EA	1,400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,581.13	27.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.33*	
26 28 13 00-0142	EA	1,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,329.12	27.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.33*	
26 28 13 00-0143	EA	1,600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,456.92	30.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 13 00-0144	EA	1,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,083.16	30.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 13 00-0145	EA	2,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,975.28	30.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 13 00-0146	EA	2,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,668.83	30.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 13 00-0147	EA	2,501 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	4,543.56	30.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 13 00-0148	EA	3,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,975.13	33.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0149	EA	3,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	6,147.58	33.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.96*	
26 28 13 00-0150	EA	3,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	7,132.57	33.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.96*	
26 28 13 00-0151	EA	4,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	4,126.30	33.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.96*	
26 28 13 00-0152	EA	5,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	6,509.25	33.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.96*	
26 28 13 00-0153	EA	6,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	10,772.33	33.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.96*	

26 28 16 Enclosed Switches and Circuit Breakers *(26 28)*

26 28 16 13 Enclosed Circuit Breakers *(26 28 16)*

26 28 16 13-0001 Branch Circuit Breakers *(26 28 16 13)*

Note: For installation in existing and new panelboards. Use task modifier for installation in new panelboards.

26 28 16 13-0002 Branch Circuit Breakers 10,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0003	EA	1 Pole, 120/240 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	58.42	21.77
		For Bolt-On, Add	*15.77*	
		For Installation In New Panelboard, Deduct	*-12.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 16 13-0004	EA	1 Pole, 120/240 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	58.42	21.77
		For Bolt-On, Add	*15.77*	
		For Installation In New Panelboard, Deduct	*-12.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 16 13-0005	EA	1 Pole, 120/240 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	83.65	27.21
		For Bolt-On, Add	*21.04*	
		For Installation In New Panelboard, Deduct	*-15.12*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 16 13-0006	EA	1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	123.49	27.21
		For Bolt-On, Add	*26.02*	
		For Installation In New Panelboard, Deduct	*-15.12*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 16 13-0007	EA	1 Pole GFI, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	169.05	27.21
		For Bolt-On, Add	*31.71*	
		For Installation In New Panelboard, Deduct	*-15.12*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 16 13-0008	EA	1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	195.02	27.21
		For Bolt-On, Add	*34.96*	
		For Installation In New Panelboard, Deduct	*-15.12*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 16 13-0009	EA	1 Pole GFI, 15 To 20 Amperes, 120/240 Volt, "Arc Fault" Circuit Breaker, 10,000 Amperes Interrupting Capacity	98.39	27.21
		For Bolt-On, Add	*22.88*	
		For Installation In New Panelboard, Deduct	*-15.12*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 16 13-0010	EA	2 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	95.75	32.65
		For Bolt-On, Add	*24.67*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0011	EA	2 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	95.75	32.65
		For Bolt-On, Add	*24.67*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0012	EA	2 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	143.11	43.55
		For Bolt-On, Add	*34.82*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0013	EA	2 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	232.99	54.43
		For Bolt-On, Add	*50.29*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0014	EA	2 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	273.65	60.47
		For Bolt-On, Add	*57.49*	
		For Installation In New Panelboard, Deduct	*-33.26*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0015	EA	2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	229.40	38.71
		For Bolt-On, Add	*43.91*	
		For Installation In New Panelboard, Deduct	*-21.77*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.12*	
26 28 16 13-0016	EA	2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	303.92	38.71
		For Bolt-On, Add	*53.23*	
		For Installation In New Panelboard, Deduct	*-21.77*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.12*	
26 28 16 13-0017	EA	3 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	177.88	43.55
		For Bolt-On, Add	*39.17*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0018	EA	3 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	177.88	43.55
		For Bolt-On, Add	*39.17*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0019	EA	3 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	232.55	54.43
		For Bolt-On, Add	*50.24*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0020	EA	3 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	347.86	65.31
		For Bolt-On, Add	*68.88*	
		For Installation In New Panelboard, Deduct	*-36.29*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.54*	
26 28 16 13-0021	EA	3 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	442.18	76.20
		For Bolt-On, Add	*84.91*	
		For Installation In New Panelboard, Deduct	*-42.34*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.80*	

26 28 16 13-0022 Branch Circuit Breakers 14,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0023	EA	1 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	82.03	21.77
		For Bolt-On, Add	*18.72*	
		For Installation In New Panelboard, Deduct	*-12.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 16 13-0024	EA	1 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	82.03	21.77
		For Bolt-On, Add	*18.72*	
		For Installation In New Panelboard, Deduct	*-12.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 16 13-0025	EA	1 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	143.99	27.21
		For Bolt-On, Add	*28.58*	
		For Installation In New Panelboard, Deduct	*-15.12*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 16 13-0026	EA	1 Pole GFI, 277/480 Volt, 15 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	220.59	27.21
		For Bolt-On, Add	*38.16*	
		For Installation In New Panelboard, Deduct	*-15.12*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 16 13-0027	EA	2 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	157.89	32.65
		For Bolt-On, Add	*32.44*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0028	EA	2 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	157.89	32.65
		For Bolt-On, Add	*32.44*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0029	EA	2 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	306.40	43.55
		For Bolt-On, Add	*55.23*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0030	EA	2 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	416.36	54.43
		For Bolt-On, Add	*73.21*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0031	EA	2 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	607.40	60.47
		For Bolt-On, Add	*99.21*	
		For Installation In New Panelboard, Deduct	*-33.26*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0032	EA	3 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	249.98	43.55
		For Bolt-On, Add	*48.18*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0033	EA	3 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	249.98	43.55
		For Bolt-On, Add	*48.18*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0034	EA	3 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	371.52	54.43
		For Bolt-On, Add	*67.61*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0035	EA	3 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	525.88	65.31
		For Bolt-On, Add	*91.13*	
		For Installation In New Panelboard, Deduct	*-36.29*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.54*	
26 28 16 13-0036	EA	3 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	808.84	76.20
		For Bolt-On, Add	*130.74*	
		For Installation In New Panelboard, Deduct	*-42.34*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.80*	
26 28 16 13-0037	EA	3 Pole, 277/480 Volt, 175 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	932.02	81.64
		For Bolt-On, Add	*148.25*	
		For Installation In New Panelboard, Deduct	*-45.36*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.43*	
26 28 16 13-0038	EA	3 Pole, 277/480 Volt, 200 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	1,001.16	87.08
		For Bolt-On, Add	*159.01*	
		For Installation In New Panelboard, Deduct	*-48.38*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.06*	
26 28 16 13-0039	EA	3 Pole, 277/480 Volt, 225 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	1,182.38	92.52
		For Bolt-On, Add	*183.78*	
		For Installation In New Panelboard, Deduct	*-51.41*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.69*	

26 28 16 13-0040 Branch Circuit Breakers 18,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0041	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	97.54	21.77
		For Bolt-On, Add	*20.66*	
		For Installation In New Panelboard, Deduct	*-12.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 16 13-0042	EA	35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	97.54	21.77
		For Bolt-On, Add	*20.66*	
		For Installation In New Panelboard, Deduct	*-12.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 16 13-0043	EA	70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	159.32	27.21
		For Bolt-On, Add	*30.50*	
		For Installation In New Panelboard, Deduct	*-15.12*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 16 13-0044	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	198.33	32.65
		For Bolt-On, Add	*37.49*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0045	EA	35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	198.33	32.65
		For Bolt-On, Add	*37.49*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0046	EA	70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	345.17	43.55
		For Bolt-On, Add	*60.08*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0047	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	873.43	54.43
		For Bolt-On, Add	*130.35*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0048	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	316.70	43.55
		For Bolt-On, Add	*56.52*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0049	EA	35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	316.70	43.55
		For Bolt-On, Add	*56.52*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0050	EA	70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	420.08	54.43
		For Bolt-On, Add	*73.68*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0051	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	1,080.81	65.31
		For Bolt-On, Add	*160.50*	
		For Installation In New Panelboard, Deduct	*-36.29*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.54*	
26 28 16 13-0052		Branch Circuit Breakers 22,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*		
		Note: Includes connection of electrical wire.		
26 28 16 13-0053	EA	15 To 30 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	110.71	21.77
		For Bolt-On, Add	*22.31*	
		For Installation In New Panelboard, Deduct	*-12.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 16 13-0054	EA	35 To 60 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	110.71	21.77
		For Bolt-On, Add	*22.31*	
		For Installation In New Panelboard, Deduct	*-12.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 16 13-0055	EA	70 To 100 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	130.81	27.21
		For Bolt-On, Add	*26.93*	
		For Installation In New Panelboard, Deduct	*-15.12*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 16 13-0056	EA	15 To 30 Amperes, 1 Pole GFI, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	218.83	27.21
		For Bolt-On, Add	*37.94*	
		For Installation In New Panelboard, Deduct	*-15.12*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 16 13-0057	EA	15 To 30 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	232.69	32.65
		For Bolt-On, Add	*41.79*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0058	EA	35 To 60 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	232.69	32.65
		For Bolt-On, Add	*41.79*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0059	EA	70 To 100 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	282.90	43.55
		For Bolt-On, Add	*52.30*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0060	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	406.32	54.43
		For Bolt-On, Add	*71.96*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0061	EA	150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	523.63	60.47
		For Bolt-On, Add	*88.74*	
		For Installation In New Panelboard, Deduct	*-33.26*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.91*	
26 28 16 13-0062	EA	250 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	653.05	70.76
		For Bolt-On, Add	*109.15*	
		For Installation In New Panelboard, Deduct	*-39.31*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.17*	
26 28 16 13-0063	EA	300 To 400 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	705.55	81.64
		For Bolt-On, Add	*119.94*	
		For Installation In New Panelboard, Deduct	*-45.36*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.43*	
26 28 16 13-0064	EA	15 To 30 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	283.48	43.55
		For Bolt-On, Add	*52.37*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0065	EA	35 To 60 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	283.48	43.55
		For Bolt-On, Add	*52.37*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0066	EA	70 To 100 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	333.12	54.43
		For Bolt-On, Add	*62.81*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0067	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	503.13	65.31
		For Bolt-On, Add	*88.29*	
		For Installation In New Panelboard, Deduct	*-36.29*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.54*	
26 28 16 13-0068	EA	150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	660.12	84.67
		For Bolt-On, Add	*115.32*	
		For Installation In New Panelboard, Deduct	*-46.87*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.24*	
26 28 16 13-0069	EA	250 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	814.46	97.98
		For Bolt-On, Add	*139.91*	
		For Installation In New Panelboard, Deduct	*-54.43*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.31*	
26 28 16 13-0070	EA	300 To 400 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	866.02	104.02
		For Bolt-On, Add	*148.47*	
		For Installation In New Panelboard, Deduct	*-57.45*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.94*	

26 28 16 13-0071 Branch Circuit Breakers 25,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0072	EA	15 To 30 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	241.28	32.65
		For Bolt-On, Add	*42.86*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0073	EA	35 To 60 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	241.28	32.65
		For Bolt-On, Add	*42.86*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0074	EA	70 To 100 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	365.90	43.55
		For Bolt-On, Add	*62.67*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0075	EA	110 To 125 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	591.81	54.43
		For Bolt-On, Add	*95.14*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0076	EA	150 To 225 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	919.24	67.73
		For Bolt-On, Add	*141.36*	
		For Installation In New Panelboard, Deduct	*-37.80*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.36*	
26 28 16 13-0077	EA	250 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,040.98	70.76
		For Bolt-On, Add	*157.64*	
		For Installation In New Panelboard, Deduct	*-39.31*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.17*	
26 28 16 13-0078	EA	300 To 400 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,138.13	81.64
		For Bolt-On, Add	*174.02*	
		For Installation In New Panelboard, Deduct	*-45.36*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.43*	
26 28 16 13-0079	EA	15 To 30 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	346.21	43.55
		For Bolt-On, Add	*60.21*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0080	EA	35 To 60 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	346.21	43.55
		For Bolt-On, Add	*60.21*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0081	EA	70 To 100 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	436.06	54.43
		For Bolt-On, Add	*75.68*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0082	EA	110 To 125 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	735.83	65.31
		For Bolt-On, Add	*117.38*	
		For Installation In New Panelboard, Deduct	*-36.29*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0083	EA	150 To 225 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,073.69	84.67
		For Bolt-On, Add	*167.02*	
		For Installation In New Panelboard, Deduct	*-46.87*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.24*	
26 28 16 13-0084	EA	250 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,267.99	97.98
		For Bolt-On, Add	*196.60*	
		For Installation In New Panelboard, Deduct	*-54.43*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.31*	
26 28 16 13-0085	EA	300 To 400 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,371.46	104.02
		For Bolt-On, Add	*211.65*	
		For Installation In New Panelboard, Deduct	*-57.45*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.94*	
26 28 16 13-0086		Branch Circuit Breakers 30,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*		
		Note: Includes connection of electrical wire.		
26 28 16 13-0087	EA	2 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	249.81	32.65
		For Bolt-On, Add	*43.93*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0088	EA	2 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	249.81	32.65
		For Bolt-On, Add	*43.93*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0089	EA	2 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	444.68	43.55
		For Bolt-On, Add	*72.52*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0090	EA	2 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	810.23	54.43
		For Bolt-On, Add	*122.45*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0091	EA	2 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,280.28	67.73
		For Bolt-On, Add	*186.49*	
		For Installation In New Panelboard, Deduct	*-37.80*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.36*	
26 28 16 13-0092	EA	2 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,456.22	70.76
		For Bolt-On, Add	*209.54*	
		For Installation In New Panelboard, Deduct	*-39.31*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.17*	
26 28 16 13-0093	EA	2 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	1,586.23	81.64
		For Bolt-On, Add	*230.03*	
		For Installation In New Panelboard, Deduct	*-45.36*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.43*	
26 28 16 13-0094	EA	3 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	405.29	43.55
		For Bolt-On, Add	*67.59*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0095	EA	3 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	405.29	43.55
		For Bolt-On, Add	*67.59*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0096	EA	3 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	538.46	54.43
		For Bolt-On, Add	*88.48*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0097	EA	3 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	985.40	65.31
		For Bolt-On, Add	*148.57*	
		For Installation In New Panelboard, Deduct	*-36.29*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.54*	
26 28 16 13-0098	EA	3 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,245.25	84.67
		For Bolt-On, Add	*188.47*	
		For Installation In New Panelboard, Deduct	*-46.87*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.24*	
26 28 16 13-0099	EA	3 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,980.95	97.98
		For Bolt-On, Add	*285.72*	
		For Installation In New Panelboard, Deduct	*-54.43*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0100	EA	3 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	2,109.64	104.02
		For Bolt-On, Add	*303.92*	
		For Installation In New Panelboard, Deduct	*-57.45*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.94*	
26 28 16 13-0101		Branch Circuit Breakers 35,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*		
		Note: Includes connection of electrical wire.		
26 28 16 13-0102	EA	1 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	132.22	21.77
		For Bolt-On, Add	*24.99*	
		For Installation In New Panelboard, Deduct	*-12.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 16 13-0103	EA	1 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	132.22	21.77
		For Bolt-On, Add	*24.99*	
		For Installation In New Panelboard, Deduct	*-12.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 16 13-0104	EA	1 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	227.11	27.21
		For Bolt-On, Add	*38.97*	
		For Installation In New Panelboard, Deduct	*-15.12*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 16 13-0105	EA	2 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	284.75	32.65
		For Bolt-On, Add	*48.29*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0106	EA	2 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	284.75	32.65
		For Bolt-On, Add	*48.29*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0107	EA	2 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	516.98	43.55
		For Bolt-On, Add	*81.56*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0108	EA	2 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	954.65	54.43
		For Bolt-On, Add	*140.50*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0109	EA	2 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	1,850.71	67.73
		For Bolt-On, Add	*257.80*	
		For Installation In New Panelboard, Deduct	*-37.80*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.36*	
26 28 16 13-0110	EA	3 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	468.34	43.55
		For Bolt-On, Add	*75.48*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0111	EA	3 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	468.34	43.55
		For Bolt-On, Add	*75.48*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0112	EA	3 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	626.06	54.43
		For Bolt-On, Add	*99.43*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0113	EA	3 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	1,175.77	65.31
		For Bolt-On, Add	*172.37*	
		For Installation In New Panelboard, Deduct	*-36.29*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.54*	
26 28 16 13-0114	EA	3 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	2,301.02	84.67
		For Bolt-On, Add	*320.44*	
		For Installation In New Panelboard, Deduct	*-46.87*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.24*	
26 28 16 13-0115		Branch Circuit Breakers 42,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*		
		Note: Includes connection of electrical wire.		
26 28 16 13-0116	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	192.80	21.77
		For Bolt-On, Add	*32.57*	
		For Installation In New Panelboard, Deduct	*-12.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0117	EA	35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Ampere Interrupting Capacity	192.80	21.77
		For Bolt-On, Add	*32.57*	
		For Installation In New Panelboard, Deduct	*-12.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 16 13-0118	EA	70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	291.54	27.21
		For Bolt-On, Add	*47.02*	
		For Installation In New Panelboard, Deduct	*-15.12*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 28 16 13-0119	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	354.84	32.65
		For Bolt-On, Add	*57.05*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0120	EA	35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	354.84	32.65
		For Bolt-On, Add	*57.05*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0121	EA	70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	667.87	43.55
		For Bolt-On, Add	*100.42*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0122	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,210.67	54.43
		For Bolt-On, Add	*172.50*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0123	EA	150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	2,410.92	60.47
		For Bolt-On, Add	*324.65*	
		For Installation In New Panelboard, Deduct	*-33.26*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.91*	
26 28 16 13-0124	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	608.79	43.55
		For Bolt-On, Add	*93.03*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0125	EA	35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	608.79	43.55
		For Bolt-On, Add	*93.03*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0126	EA	70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	843.06	54.43
		For Bolt-On, Add	*126.55*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0127	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,366.14	65.31
		For Bolt-On, Add	*196.17*	
		For Installation In New Panelboard, Deduct	*-36.29*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.54*	
26 28 16 13-0128	EA	150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	3,043.04	84.67
		For Bolt-On, Add	*413.19*	
		For Installation In New Panelboard, Deduct	*-46.87*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.24*	

26 28 16 13-0129 Branch Circuit Breakers 65,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0130	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	88.23	21.77
		For Bolt-On, Add	*19.50*	
		For Installation In New Panelboard, Deduct	*-12.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 16 13-0131	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	184.87	32.65
		For Bolt-On, Add	*35.81*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0132	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	292.38	43.55
		For Bolt-On, Add	*53.48*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0133	EA	15 To 30 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	182.42	21.77
		For Bolt-On, Add	*31.27*	
		For Installation In New Panelboard, Deduct	*-12.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0134	EA	35 To 60 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	182.42	21.77
		For Bolt-On, Add	*31.27*	
		For Installation In New Panelboard, Deduct	*-12.10*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.51*	
26 28 16 13-0135	EA	70 To 100 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	363.28	43.55
		For Bolt-On, Add	*62.34*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0136	EA	15 To 30 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	412.58	32.65
		For Bolt-On, Add	*64.27*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0137	EA	35 To 60 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	412.58	32.65
		For Bolt-On, Add	*64.27*	
		For Installation In New Panelboard, Deduct	*-18.14*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 28 16 13-0138	EA	70 To 100 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	797.99	43.55
		For Bolt-On, Add	*116.68*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0139	EA	110 To 125 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,355.09	54.43
		For Bolt-On, Add	*190.55*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0140	EA	150 To 225 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	2,984.59	67.73
		For Bolt-On, Add	*399.53*	
		For Installation In New Panelboard, Deduct	*-37.80*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.36*	
26 28 16 13-0141	EA	15 To 30 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	691.39	43.55
		For Bolt-On, Add	*103.36*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0142	EA	35 To 60 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	691.39	43.55
		For Bolt-On, Add	*103.36*	
		For Installation In New Panelboard, Deduct	*-24.19*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.03*	
26 28 16 13-0143	EA	70 To 100 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	962.96	54.43
		For Bolt-On, Add	*141.54*	
		For Installation In New Panelboard, Deduct	*-30.24*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.29*	
26 28 16 13-0144	EA	110 To 125 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,471.17	65.31
		For Bolt-On, Add	*209.30*	
		For Installation In New Panelboard, Deduct	*-36.29*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.54*	
26 28 16 13-0145	EA	150 To 225 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	3,711.25	84.67
		For Bolt-On, Add	*496.72*	
		For Installation In New Panelboard, Deduct	*-46.87*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.24*	

26 28 16 16 Enclosed Switches *(26 28 16)*

26 28 16 16-0001 Motor And Circuit Disconnects *(26 28 16 16)*

Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.

26 28 16 16-0002 NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*

26 28 16 16-0003 Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*

Note: Includes fuses and neutral bar.

26 28 16 16-0004 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*

26 28 16 16-0005	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	441.97	120.96
26 28 16 16-0006	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	691.63	145.75
26 28 16 16-0007	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	948.59	170.55
26 28 16 16-0008	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,632.27	268.51
26 28 16 16-0009	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,460.67	417.28

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0010	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,773.64	616.86
26 28 16 16-0011	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,868.61	725.72
26 28 16 16-0012	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,555.91	846.68
26 28 16 16-0013		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0014	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	669.29	134.38
26 28 16 16-0015	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	807.48	161.96
26 28 16 16-0016	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,279.57	189.29
26 28 16 16-0017	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,893.18	298.75
26 28 16 16-0018	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,118.27	463.50
26 28 16 16-0019	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,417.35	685.08
26 28 16 16-0020	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,475.86	805.92
26 28 16 16-0021	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,935.19	940.77
26 28 16 16-0022		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0023	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	629.97	189.90
26 28 16 16-0024	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	926.39	252.19
26 28 16 16-0025	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,243.29	280.01
26 28 16 16-0026	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,966.40	438.45
26 28 16 16-0027	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,071.56	719.67
26 28 16 16-0028	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,611.24	1,008.14
26 28 16 16-0029		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0030	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	820.48	209.85
26 28 16 16-0031	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,043.70	280.01
26 28 16 16-0032	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,531.09	315.08
26 28 16 16-0033	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,255.54	480.18
26 28 16 16-0034	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,003.17	775.31
26 28 16 16-0035	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,042.28	1,120.02
26 28 16 16-0036	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,765.97	1,330.49
26 28 16 16-0037	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	16,305.43	1,511.91
26 28 16 16-0038		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0039	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	610.76	189.90
26 28 16 16-0040	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	901.56	252.19
26 28 16 16-0041	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,198.11	280.01
26 28 16 16-0042	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,028.53	438.45
26 28 16 16-0043	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,421.68	719.67
26 28 16 16-0044	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,137.98	1,008.14
26 28 16 16-0045	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,786.56	1,270.00
26 28 16 16-0046	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	14,525.60	1,451.44

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0047		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0048	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	890.98	209.85
26 28 16 16-0049	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,130.34	280.01
26 28 16 16-0050	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,657.77	315.08
26 28 16 16-0051	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,445.18	480.18
26 28 16 16-0052	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,407.77	775.31
26 28 16 16-0053	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,756.84	1,120.02
26 28 16 16-0054	EA	800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	13,952.32	1,330.49
26 28 16 16-0055	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	17,586.93	1,511.91
26 28 16 16-0056		Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
26 28 16 16-0057		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0058	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	429.82	175.02
26 28 16 16-0059	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	666.22	243.48
26 28 16 16-0060	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	915.36	280.01
26 28 16 16-0061	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,434.42	448.01
26 28 16 16-0062	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,886.07	746.64
26 28 16 16-0063	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,708.59	1,018.19
26 28 16 16-0064	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,714.79	1,209.53
26 28 16 16-0065	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,857.38	1,411.65
26 28 16 16-0066		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0067	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	474.74	193.16
26 28 16 16-0068	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	754.34	273.24
26 28 16 16-0069	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,034.33	311.09
26 28 16 16-0070	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,605.53	486.96
26 28 16 16-0071	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,105.15	799.98
26 28 16 16-0072	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,207.74	1,119.90
26 28 16 16-0073	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,439.99	1,209.53
26 28 16 16-0074	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,850.51	1,411.65
26 28 16 16-0075		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0076	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	502.89	157.24
26 28 16 16-0077	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	767.88	218.92
26 28 16 16-0078	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,032.26	252.19
26 28 16 16-0079	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,622.41	403.38
26 28 16 16-0080	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,236.95	671.90
26 28 16 16-0081	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,204.19	916.22
26 28 16 16-0082	EA	800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,914.75	1,088.58
26 28 16 16-0083	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,604.54	1,270.00

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0084			480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0085		EA	30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	548.82	173.56
26 28 16 16-0086		EA	60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	844.85	246.14
26 28 16 16-0087		EA	100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,125.99	280.01
26 28 16 16-0088		EA	200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,750.81	438.45
26 28 16 16-0089		EA	400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,468.14	719.67
26 28 16 16-0090		EA	600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,628.28	1,008.14
26 28 16 16-0091		EA	800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,394.44	1,088.58
26 28 16 16-0092			600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0093		EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	584.59	173.80
26 28 16 16-0094		EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	905.86	245.89
26 28 16 16-0095		EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,225.20	280.01
26 28 16 16-0096		EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,903.63	438.21
26 28 16 16-0097		EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,681.90	719.91
26 28 16 16-0098		EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,260.94	1,007.90
26 28 16 16-0099		EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,116.76	1,088.58
26 28 16 16-0100		EA	1,200 Amperes, 600 Volt Class, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	13,222.65	1,270.00
26 28 16 16-0101			240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0102		EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	846.49	157.48
26 28 16 16-0103		EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,025.58	219.17
26 28 16 16-0104		EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,563.77	251.95
26 28 16 16-0105		EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,349.34	403.13
26 28 16 16-0106			480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0107		EA	30 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	917.06	173.56
26 28 16 16-0108		EA	60 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,120.99	246.14
26 28 16 16-0109		EA	100 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,695.47	280.01
26 28 16 16-0110		EA	200 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,529.67	438.45
26 28 16 16-0111			600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0112		EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,016.63	173.80
26 28 16 16-0113		EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,230.82	245.89
26 28 16 16-0114		EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,892.98	280.01
26 28 16 16-0115		EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,817.38	438.21
26 28 16 16-0116			General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
			Note: Includes fuses and neutral bar.		
26 28 16 16-0117			240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0118	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	308.86	105.23
26 28 16 16-0119	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	419.28	126.64
26 28 16 16-0120	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	640.20	148.05
26 28 16 16-0121	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,180.88	233.56
26 28 16 16-0122	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,788.97	362.25
26 28 16 16-0123	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,201.34	536.19
26 28 16 16-0124		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0125	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	428.84	165.35
26 28 16 16-0126	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	603.90	219.17
26 28 16 16-0127	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	831.03	243.48
26 28 16 16-0128	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,477.17	381.12
26 28 16 16-0129	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,319.16	626.06
26 28 16 16-0130	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,887.07	876.42
26 28 16 16-0131		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0132	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	475.29	165.35
26 28 16 16-0133	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	678.80	219.17
26 28 16 16-0134	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	899.18	243.48
26 28 16 16-0135	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,648.89	381.12
26 28 16 16-0136	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,612.67	626.06
26 28 16 16-0137	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,073.12	876.42
26 28 16 16-0138		General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
26 28 16 16-0139		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0138)*		
26 28 16 16-0140	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	422.29	146.35
26 28 16 16-0141	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	559.36	168.24
26 28 16 16-0142	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,251.99	268.88
26 28 16 16-0143	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,671.96	447.53
26 28 16 16-0144	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,608.68	609.84
26 28 16 16-0145		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0138)*		
26 28 16 16-0146	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	398.80	136.92
26 28 16 16-0147	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	546.73	190.50
26 28 16 16-0148	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	824.38	219.17
26 28 16 16-0149	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,416.18	350.65
26 28 16 16-0150	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,946.65	584.44
26 28 16 16-0151	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,984.31	796.59
26 28 16 16-0152		NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0001)*		

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SAN BERNARDINO COUNTY

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0153			Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)* Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0154			240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
	26 28 16 16-0155	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	645.44	142.12
	26 28 16 16-0156	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,021.07	170.55
	26 28 16 16-0157	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,274.64	198.36
	26 28 16 16-0158	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,867.02	302.38
	26 28 16 16-0159	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,106.53	483.81
	26 28 16 16-0160	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,176.35	645.29
	26 28 16 16-0161	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,734.71	725.72
	26 28 16 16-0162	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,212.71	846.68
26 28 16 16-0163			600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
	26 28 16 16-0164	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,105.17	189.41
	26 28 16 16-0165	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,316.70	232.23
	26 28 16 16-0166	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,862.39	266.70
	26 28 16 16-0167	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,626.48	400.00
	26 28 16 16-0168	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,693.46	654.48
	26 28 16 16-0169	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,438.96	900.01
	26 28 16 16-0170	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	15,318.41	1,036.33
	26 28 16 16-0171	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	16,877.32	1,166.59
26 28 16 16-0172			240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
	26 28 16 16-0173	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	827.75	223.77
	26 28 16 16-0174	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,307.82	296.34
	26 28 16 16-0175	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,572.97	325.36
	26 28 16 16-0176	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,334.58	503.77
	26 28 16 16-0177	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,023.10	840.02
	26 28 16 16-0178	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,350.23	1,120.02
26 28 16 16-0179			600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
	26 28 16 16-0180	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,258.99	265.25
	26 28 16 16-0181	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,503.04	325.12
	26 28 16 16-0182	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,005.95	373.26
	26 28 16 16-0183	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,915.79	560.01
	26 28 16 16-0184	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,113.27	916.34
	26 28 16 16-0185	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,002.08	1,259.97
	26 28 16 16-0186	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	15,540.33	1,451.44
	26 28 16 16-0187	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	18,591.80	1,632.87

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0188		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0189	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	906.53	223.77
26 28 16 16-0190	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,310.10	296.34
26 28 16 16-0191	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,683.73	325.36
26 28 16 16-0192	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,408.46	503.77
26 28 16 16-0193	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,090.87	840.02
26 28 16 16-0194	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,095.67	1,120.02
26 28 16 16-0195	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	15,120.22	1,270.00
26 28 16 16-0196	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	18,834.28	1,451.44
26 28 16 16-0197		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0198	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,304.19	265.49
26 28 16 16-0199	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,553.86	325.36
26 28 16 16-0200	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,118.90	373.14
26 28 16 16-0201	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,989.20	560.01
26 28 16 16-0202	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,378.69	916.22
26 28 16 16-0203	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,307.03	1,259.73
26 28 16 16-0204	EA	800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	16,500.59	1,451.44
26 28 16 16-0205	EA	1,200 Amperes, 600 Volt Class, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	19,857.54	1,632.87
26 28 16 16-0206		Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)*		
26 28 16 16-0207		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0208	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	611.72	124.47
26 28 16 16-0209	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	995.83	172.36
26 28 16 16-0210	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,306.54	197.64
26 28 16 16-0211	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,743.89	320.04
26 28 16 16-0212	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,865.35	533.88
26 28 16 16-0213	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,023.60	711.81
26 28 16 16-0214	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,271.15	847.04
26 28 16 16-0215	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,864.94	967.98
26 28 16 16-0216		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0217	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	688.45	137.16
26 28 16 16-0218	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,128.22	191.96
26 28 16 16-0219	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,474.68	216.75
26 28 16 16-0220	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,933.60	336.00
26 28 16 16-0221	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,382.39	560.01
26 28 16 16-0222	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,581.03	746.64
26 28 16 16-0223	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,018.83	887.32

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0224	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	15,845.09	1,007.90
26 28 16 16-0225		**240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0206)*		
26 28 16 16-0226	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	736.17	186.63
26 28 16 16-0227	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,168.13	258.47
26 28 16 16-0228	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,504.16	296.46
26 28 16 16-0229	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,063.87	480.06
26 28 16 16-0230	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,455.96	800.71
26 28 16 16-0231	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,846.53	1,067.41
26 28 16 16-0232	EA	800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,242.26	1,270.00
26 28 16 16-0233	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	16,186.01	1,451.44
26 28 16 16-0234		**480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0206)*		
26 28 16 16-0235	EA	30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	800.17	205.62
26 28 16 16-0236	EA	60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,273.73	287.99
26 28 16 16-0237	EA	100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,626.64	325.12
26 28 16 16-0238	EA	200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,190.71	504.02
26 28 16 16-0239	EA	400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,738.13	839.90
26 28 16 16-0240	EA	600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,358.86	1,119.90
26 28 16 16-0241	EA	800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,056.00	1,330.49
26 28 16 16-0242	EA	1,200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	17,253.77	1,511.91
26 28 16 16-0243		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0206)*		
26 28 16 16-0244	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	440.80	205.62
26 28 16 16-0245	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,320.21	287.99
26 28 16 16-0246	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,691.45	325.12
26 28 16 16-0247	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,269.58	504.02
26 28 16 16-0248	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,942.35	839.90
26 28 16 16-0249	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,327.65	1,119.90
26 28 16 16-0250	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,038.52	1,330.49
26 28 16 16-0251	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	17,229.98	1,511.91
26 28 16 16-0252		**General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0152)*		
		Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0253		**240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0252)*		
26 28 16 16-0254	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	398.37	123.61
26 28 16 16-0255	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	559.56	148.29
26 28 16 16-0256	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	733.76	172.48
26 28 16 16-0257	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,495.99	262.95
26 28 16 16-0258	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,637.93	420.67

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0259	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,430.36	561.22
26 28 16 16-0260		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)*		
26 28 16 16-0261	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	541.32	194.85
26 28 16 16-0262	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	778.91	257.75
26 28 16 16-0263	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	953.88	282.79
26 28 16 16-0264	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,847.55	438.21
26 28 16 16-0265	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,259.35	730.32
26 28 16 16-0266	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,265.08	974.16
26 28 16 16-0267		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)*		
26 28 16 16-0268	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	606.43	194.73
26 28 16 16-0269	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	844.25	257.75
26 28 16 16-0270	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,164.14	282.79
26 28 16 16-0271	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,983.33	438.21
26 28 16 16-0272	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,346.56	730.44
26 28 16 16-0273	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,945.76	974.16
26 28 16 16-0274	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,327.07	1,103.57
26 28 16 16-0275		General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)*		
26 28 16 16-0276		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0275)*		
26 28 16 16-0277	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	359.15	108.25
26 28 16 16-0278	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	585.13	149.86
26 28 16 16-0279	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	616.44	171.87
26 28 16 16-0280	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,527.14	278.20
26 28 16 16-0281	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,725.69	464.22
26 28 16 16-0282	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,548.80	618.92
26 28 16 16-0283		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0275)*		
26 28 16 16-0284	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	561.47	162.32
26 28 16 16-0285	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	807.41	224.73
26 28 16 16-0286	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,175.31	257.75
26 28 16 16-0287	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,017.94	417.40
26 28 16 16-0288		NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0289		Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)* Note: With fuses and neutral bar (stainless steel).		
26 28 16 16-0290		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0291	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,689.51	120.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0292	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,029.58	145.75
26 28 16 16-0293	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,128.56	170.30
26 28 16 16-0294	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,713.43	268.76
26 28 16 16-0295	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,603.03	417.04
26 28 16 16-0296	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	16,680.10	616.62
26 28 16 16-0297		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0298	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,142.23	134.38
26 28 16 16-0299	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,383.42	161.84
26 28 16 16-0300	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,464.27	189.17
26 28 16 16-0301	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,312.27	298.75
26 28 16 16-0302	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,052.74	463.74
26 28 16 16-0303	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	17,283.80	685.08
26 28 16 16-0304		240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0305	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,903.69	190.14
26 28 16 16-0306	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,387.35	251.95
26 28 16 16-0307	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,535.29	280.01
26 28 16 16-0308	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,450.86	438.21
26 28 16 16-0309	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,565.11	719.91
26 28 16 16-0310	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	17,929.59	1,007.90
26 28 16 16-0311		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0312	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,299.26	209.98
26 28 16 16-0313	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,626.06	280.01
26 28 16 16-0314	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,728.52	314.96
26 28 16 16-0315	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,692.45	479.94
26 28 16 16-0316	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,979.56	775.31
26 28 16 16-0317	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	18,470.94	1,119.90
26 28 16 16-0318		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0319	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,272.03	190.14
26 28 16 16-0320	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,847.83	251.95
26 28 16 16-0321	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,456.70	280.01
26 28 16 16-0322	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,710.85	438.21
26 28 16 16-0323	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	15,044.93	719.91
26 28 16 16-0324	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	21,337.46	1,007.90
26 28 16 16-0325		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0326	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,734.51	209.98

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0327	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,119.62	280.01
26 28 16 16-0328	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,669.05	314.96
26 28 16 16-0329	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,962.97	479.94
26 28 16 16-0330	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	15,492.83	775.31
26 28 16 16-0331	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	21,925.27	1,119.90
26 28 16 16-0332		Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
26 28 16 16-0333		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0334	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,621.54	120.96
26 28 16 16-0335	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,975.84	168.24
26 28 16 16-0336	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,706.88	193.53
26 28 16 16-0337	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,147.25	309.15
26 28 16 16-0338	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,366.00	514.78
26 28 16 16-0339	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,410.73	701.28
26 28 16 16-0340		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0341	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,843.65	133.42
26 28 16 16-0342	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,250.72	188.69
26 28 16 16-0343	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,224.13	215.06
26 28 16 16-0344	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,847.97	336.00
26 28 16 16-0345	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,633.37	552.99
26 28 16 16-0346	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	15,271.97	774.10
26 28 16 16-0347		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0348	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,694.61	157.48
26 28 16 16-0349	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,051.43	219.17
26 28 16 16-0350	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,143.24	251.95
26 28 16 16-0351	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,126.16	403.13
26 28 16 16-0352	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,872.81	672.02
26 28 16 16-0353	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,236.26	916.34
26 28 16 16-0354		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0355	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,924.29	173.80
26 28 16 16-0356	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,365.12	245.89
26 28 16 16-0357	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,354.03	280.01
26 28 16 16-0358	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,052.33	438.21
26 28 16 16-0359	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,068.50	719.91
26 28 16 16-0360	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	16,191.47	1,007.90

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0361		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0362	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,324.34	157.48
26 28 16 16-0363	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,790.06	219.17
26 28 16 16-0364	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,254.46	251.95
26 28 16 16-0365	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,542.98	403.13
26 28 16 16-0366		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0367	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,643.98	173.80
26 28 16 16-0368	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,179.47	245.89
26 28 16 16-0369	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,131.94	280.01
26 28 16 16-0370	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,861.18	438.21
26 28 16 16-0371		Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
26 28 16 16-0372		600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0371)*		
26 28 16 16-0373	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,075.57	209.85
26 28 16 16-0374	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,509.80	280.01
26 28 16 16-0375	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,290.02	315.08
26 28 16 16-0376	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,194.24	480.18
26 28 16 16-0377		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0371)*		
26 28 16 16-0378	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,877.77	173.56
26 28 16 16-0379	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,303.70	246.14
26 28 16 16-0380	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,944.41	280.01
26 28 16 16-0381	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,085.93	438.45
26 28 16 16-0382		Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
26 28 16 16-0383		600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0382)*		
26 28 16 16-0384	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,513.83	209.85
26 28 16 16-0385	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,000.20	280.01
26 28 16 16-0386	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,217.43	315.08
26 28 16 16-0387		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0382)*		
26 28 16 16-0388	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,292.44	173.56
26 28 16 16-0389	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,768.03	246.14
26 28 16 16-0390	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,834.57	280.01
26 28 16 16-0391		NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches *(26 28 16 16-0001)* Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500.		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0392		Heavy Duty Fusible, NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches *(26 28 16 16-0391)* Note: With fuses and neutral bar.		
26 28 16 16-0393	EA	30 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,786.58	241.91
26 28 16 16-0394	EA	60 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,148.07	287.99
26 28 16 16-0395	EA	100 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,491.72	325.12
26 28 16 16-0396	EA	200 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	7,391.06	504.02
26 28 16 16-0397		Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0391)*		
26 28 16 16-0398	EA	60 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,174.31	287.99
26 28 16 16-0399	EA	100 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,543.38	325.12
26 28 16 16-0400	EA	200 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	4,666.47	504.02
26 28 16 16-0401		NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0402		Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0401)* Note: With fuses and neutral bar.		
26 28 16 16-0403		240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		
26 28 16 16-0404	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	624.23	120.96
26 28 16 16-0405	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	813.97	145.75
26 28 16 16-0406	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,107.88	170.55
26 28 16 16-0407	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,866.78	268.51
26 28 16 16-0408	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,968.40	417.28
26 28 16 16-0409	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,151.56	616.86
26 28 16 16-0410		600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		
26 28 16 16-0411	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	974.71	134.26
26 28 16 16-0412	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,007.27	162.08
26 28 16 16-0413	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,446.60	189.29
26 28 16 16-0414	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,263.53	298.75
26 28 16 16-0415	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,920.18	463.25
26 28 16 16-0416	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	9,710.15	685.20
26 28 16 16-0417		240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		
26 28 16 16-0418	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	869.71	189.90
26 28 16 16-0419	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,203.64	252.19
26 28 16 16-0420	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,636.84	280.01
26 28 16 16-0421	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,435.06	438.45
26 28 16 16-0422	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,766.16	719.67
26 28 16 16-0423	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,637.24	1,008.14
26 28 16 16-0424		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		
26 28 16 16-0425	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,154.14	209.85
26 28 16 16-0426	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,311.06	280.01
26 28 16 16-0427	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,923.19	315.08
26 28 16 16-0428	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,800.97	480.18
26 28 16 16-0429	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,848.26	775.31

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0430	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	10,970.58	1,120.02
26 28 16 16-0431		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		
26 28 16 16-0432	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	928.15	189.90
26 28 16 16-0433	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,243.78	252.19
26 28 16 16-0434	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,762.84	280.01
26 28 16 16-0435	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,593.26	438.45
26 28 16 16-0436	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,189.73	719.67
26 28 16 16-0437	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,923.39	1,008.14
26 28 16 16-0438		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		
26 28 16 16-0439	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,221.89	209.85
26 28 16 16-0440	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,491.78	280.01
26 28 16 16-0441	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,047.45	315.08
26 28 16 16-0442	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,038.15	480.18
26 28 16 16-0443	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,232.27	775.31
26 28 16 16-0444	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	11,286.82	1,120.02
26 28 16 16-0445		Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0401)*		
26 28 16 16-0446		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0447	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	652.67	174.78
26 28 16 16-0448	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	866.21	243.72
26 28 16 16-0449	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,145.97	280.01
26 28 16 16-0450	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,637.30	448.13
26 28 16 16-0451	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,586.44	746.88
26 28 16 16-0452	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,669.29	1,018.43
26 28 16 16-0453		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0454	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	727.36	192.92
26 28 16 16-0455	EA	60 Amperes, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 Volt, 1 Phase	962.88	273.36
26 28 16 16-0456	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,277.17	310.85
26 28 16 16-0457	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,778.97	486.84
26 28 16 16-0458	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,798.19	800.10
26 28 16 16-0459	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,263.78	1,120.02
26 28 16 16-0460		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0461	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	840.68	157.24
26 28 16 16-0462	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,106.85	218.92
26 28 16 16-0463	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,471.17	252.19
26 28 16 16-0464	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,102.76	403.38
26 28 16 16-0465	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,417.77	671.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0466	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,962.07	916.22
26 28 16 16-0467		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0468	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	824.21	173.56
26 28 16 16-0469	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,197.60	246.14
26 28 16 16-0470	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,576.48	280.01
26 28 16 16-0471	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,079.34	438.45
26 28 16 16-0472	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,438.64	719.67
26 28 16 16-0473	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	8,284.39	1,008.14
26 28 16 16-0474		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0475	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,007.86	157.24
26 28 16 16-0476	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,201.93	218.92
26 28 16 16-0477	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,860.66	252.19
26 28 16 16-0478	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,950.75	403.38
26 28 16 16-0479	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,323.28	514.05
26 28 16 16-0480		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0481	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,047.84	173.56
26 28 16 16-0482	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,310.54	246.14
26 28 16 16-0483	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,988.74	280.01
26 28 16 16-0484	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,033.73	438.45
26 28 16 16-0485	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,671.80	677.34
26 28 16 16-0486		Double Throw Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0487		NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0486)*		
26 28 16 16-0488		240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*		
26 28 16 16-0489	EA	30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	783.92	155.42
26 28 16 16-0490	EA	60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,155.56	203.20
26 28 16 16-0491	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,619.03	265.49
26 28 16 16-0492	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,158.15	345.32
26 28 16 16-0493	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,170.13	431.81
26 28 16 16-0494	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,397.30	692.45
26 28 16 16-0495	EA	800 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	10,796.33	967.62
26 28 16 16-0496	EA	1,000 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	15,879.35	1,088.58
26 28 16 16-0497	EA	1,200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	18,703.67	1,209.53
26 28 16 16-0498		240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*		
26 28 16 16-0499	EA	30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	991.20	217.71
26 28 16 16-0500	EA	60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,381.78	284.24
26 28 16 16-0501	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,074.71	371.93
26 28 16 16-0502	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,040.79	483.81
26 28 16 16-0503	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,125.24	604.77
26 28 16 16-0504	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,954.27	967.62
26 28 16 16-0505	EA	800 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,648.46	1,088.58
26 28 16 16-0506	EA	1,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	16,628.22	1,209.53
26 28 16 16-0507	EA	1,200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	19,704.82	1,330.49

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0508	EA	1,600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	22,827.03	1,572.39
26 28 16 16-0509	EA	2,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	25,983.34	1,814.30
26 28 16 16-0510	EA	2,600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	35,343.77	2,056.20
26 28 16 16-0511	EA	3,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	38,824.22	2,298.11

26 28 16 16-0512 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*

26 28 16 16-0513	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,315.45	272.14
26 28 16 16-0514	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,910.03	355.60
26 28 16 16-0515	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,374.26	464.46
26 28 16 16-0516	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,619.13	603.56
26 28 16 16-0517	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,266.59	755.95
26 28 16 16-0518	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,747.65	1,211.34
26 28 16 16-0519	EA	800 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	14,849.41	1,330.49
26 28 16 16-0520	EA	1,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	19,718.64	1,390.96
26 28 16 16-0521	EA	1,200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	22,107.83	1,451.44
26 28 16 16-0522	EA	1,600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	26,976.81	1,693.34
26 28 16 16-0523	EA	2,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	31,039.82	1,935.25
26 28 16 16-0524	EA	2,600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	44,038.40	2,177.15
26 28 16 16-0525	EA	3,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	48,693.05	2,419.06

26 28 16 16-0526 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*

26 28 16 16-0527	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,331.71	203.20
26 28 16 16-0528	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,998.79	265.49
26 28 16 16-0529	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,942.10	345.32
26 28 16 16-0530	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,903.24	431.81
26 28 16 16-0531	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	10,208.95	692.45
26 28 16 16-0532	EA	800 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,682.48	967.62
26 28 16 16-0533	EA	1,000 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	17,249.56	1,088.58
26 28 16 16-0534	EA	1,200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	20,332.13	1,209.53

26 28 16 16-0535 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*

26 28 16 16-0536	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,493.61	284.24
26 28 16 16-0537	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,211.05	371.93
26 28 16 16-0538	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,217.92	483.81
26 28 16 16-0539	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,248.88	604.77
26 28 16 16-0540	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	10,760.97	967.62
26 28 16 16-0541	EA	800 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,595.59	1,088.58
26 28 16 16-0542	EA	1,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	17,304.84	1,209.53
26 28 16 16-0543	EA	1,200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	21,409.22	1,330.49
26 28 16 16-0544	EA	1,600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	25,877.78	1,572.39
26 28 16 16-0545	EA	2,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	29,448.32	1,814.30
26 28 16 16-0546	EA	2,600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	35,343.72	2,056.20
26 28 16 16-0547	EA	3,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	42,247.02	2,298.11

26 28 16 16-0548 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*

26 28 16 16-0549	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,020.28	355.60
26 28 16 16-0550	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,533.69	464.46
26 28 16 16-0551	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,948.59	603.56
26 28 16 16-0552	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,968.76	755.95
26 28 16 16-0553	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,533.90	1,211.34
26 28 16 16-0554	EA	800 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	16,068.25	1,330.49
26 28 16 16-0555	EA	1,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	21,412.31	1,390.96
26 28 16 16-0556	EA	1,200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	24,028.32	1,451.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0557	EA	1,600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	29,335.82	1,693.34
26 28 16 16-0558	EA	2,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	33,756.75	1,935.25
26 28 16 16-0559	EA	2,600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	48,006.82	2,177.15
26 28 16 16-0560	EA	3,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	53,078.54	2,419.06
26 28 16 16-0561		NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0486)*		
26 28 16 16-0562		240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0561)*		
26 28 16 16-0563	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,018.33	265.49
26 28 16 16-0564	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,609.01	345.32
26 28 16 16-0565	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	15,043.09	431.81
26 28 16 16-0566	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	25,905.02	692.45
26 28 16 16-0567		240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0561)*		
26 28 16 16-0568	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,647.30	371.32
26 28 16 16-0569	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,265.23	483.21
26 28 16 16-0570	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	15,522.33	604.77
26 28 16 16-0571	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	16,892.66	969.44
26 28 16 16-0572		240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0561)*		
26 28 16 16-0573	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,545.05	272.26
26 28 16 16-0574	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,157.34	355.36
26 28 16 16-0575	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,424.75	464.34
26 28 16 16-0576	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	6,393.73	603.80
26 28 16 16-0577	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	10,835.86	755.95
26 28 16 16-0578	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	12,665.39	1,211.46
26 28 16 16-0579		600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0561)*		
26 28 16 16-0580	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,710.12	203.20
26 28 16 16-0581	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,599.58	265.49
26 28 16 16-0582	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,721.86	345.32
26 28 16 16-0583	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	9,068.00	431.81
26 28 16 16-0584	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	12,127.01	692.45
26 28 16 16-0585		600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0561)*		
26 28 16 16-0586	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,941.43	284.24
26 28 16 16-0587	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,920.96	371.32
26 28 16 16-0588	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,209.80	483.21
26 28 16 16-0589	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	9,845.48	604.77
26 28 16 16-0590	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	13,243.68	969.44
26 28 16 16-0591		600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0561)*		
26 28 16 16-0592	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,182.88	355.36
26 28 16 16-0593	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,436.46	464.34
26 28 16 16-0594	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	6,556.33	603.80
26 28 16 16-0595	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	10,816.66	755.95
26 28 16 16-0596	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	12,771.22	1,211.46
26 28 16 16-0597		NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0486)*		
26 28 16 16-0598		240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0599	EA	30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,032.00	155.54
26 28 16 16-0600	EA	60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,303.75	203.08
26 28 16 16-0601	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,609.46	265.37
26 28 16 16-0602	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,585.81	345.07
26 28 16 16-0603	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,683.81	431.93
26 28 16 16-0604	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,806.41	692.21
26 28 16 16-0605		240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0606	EA	30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,338.04	217.71
26 28 16 16-0607	EA	60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,767.51	284.24
26 28 16 16-0608	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,286.84	371.32
26 28 16 16-0609	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,579.95	483.21
26 28 16 16-0610	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,326.81	604.77
26 28 16 16-0611	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	11,015.98	969.44
26 28 16 16-0612		240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0613	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,489.10	272.26
26 28 16 16-0614	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,085.04	355.36
26 28 16 16-0615	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,598.99	464.34
26 28 16 16-0616	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,604.02	603.80
26 28 16 16-0617	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	14,048.89	755.95
26 28 16 16-0618	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	17,476.04	1,211.46
26 28 16 16-0619		600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0620	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,034.36	203.08
26 28 16 16-0621	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,194.73	265.37
26 28 16 16-0622	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,045.04	345.07
26 28 16 16-0623	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,718.41	431.93
26 28 16 16-0624	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	11,715.12	692.21
26 28 16 16-0625		600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0626	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,335.13	284.24
26 28 16 16-0627	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,547.33	371.32
26 28 16 16-0628	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,602.41	483.21
26 28 16 16-0629	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,477.15	604.77
26 28 16 16-0630	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	12,809.67	969.44
26 28 16 16-0631		600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0632	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,126.66	355.36
26 28 16 16-0633	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,906.03	464.34
26 28 16 16-0634	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,784.99	603.80
26 28 16 16-0635	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	14,438.43	755.95
26 28 16 16-0636	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	17,992.36	1,211.46
26 28 16 16-0637		Removal And Reinstallation Of Disconnect Switches *(26 28 16 16-0001)* Note: Includes storage and cleaning.		
26 28 16 16-0638	EA	Removal And Reinstallation Of Up To 100 Amperes Safety Disconnect Switch	604.77	
26 28 16 16-0639	EA	Removal And Reinstallation Of >100 To 200 Amperes Safety Disconnect Switch	786.23	
26 28 16 16-0640	EA	Removal And Reinstallation Of >200 To 300 Amperes Safety Disconnect Switch	876.98	
26 28 16 16-0641	EA	Removal And Reinstallation Of >300 To 400 Amperes Safety Disconnect Switch	1,028.17	
26 28 16 16-0642		Bolted Contact Switches *(26 28 16 16)* Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the switch.		
26 28 16 16-0643		Electrical Trip, Bolted Contact Switches *(26 28 16 16-0642)*		
26 28 16 16-0644		Top Feed, Electrical Trip, Bolted Contact Switches *(26 28 16 16-0643)*		
26 28 16 16-0645	EA	800 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833T120480)	9,748.09	1,209.53
26 28 16 16-0646	EA	1,200 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233T120480)	10,546.35	1,451.44
26 28 16 16-0647	EA	1,600 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633T120480)	11,471.60	1,693.34
26 28 16 16-0648	EA	2,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033T120480)	12,106.59	1,935.25
26 28 16 16-0649	EA	2,500 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533T120480)	13,672.83	2,177.15
26 28 16 16-0650	EA	3,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033T120480)	17,162.03	2,419.06
26 28 16 16-0651	EA	4,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033T120480)	23,148.70	2,902.87
26 28 16 16-0652		Bottom Feed, Electrical Trip, Bolted Contact Switches *(26 28 16 16-0643)*		
26 28 16 16-0653	EA	800 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833B120480)	10,334.66	1,209.53
26 28 16 16-0654	EA	1,200 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233B120480)	11,247.81	1,451.44
26 28 16 16-0655	EA	1,600 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633B120480)	12,167.01	1,693.34
26 28 16 16-0656	EA	2,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033B120480)	13,104.35	1,935.25
26 28 16 16-0657	EA	2,500 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533B120480)	14,749.21	2,177.15
26 28 16 16-0658	EA	3,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033B120480)	19,181.74	2,419.06
26 28 16 16-0659	EA	4,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033B120480)	25,253.08	2,902.87
26 28 16 16-0660		Manually Operated, Bolted Contact Switches *(26 28 16 16-0642)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0661		Top Feed, Manually Operated, Bolted Contact Switches *(26 28 16 16-0660)*		
26 28 16 16-0662	EA	800 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833T480)	7,111.57	1,209.53
26 28 16 16-0663	EA	1,200 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233T480)	7,941.28	1,451.44
26 28 16 16-0664	EA	1,600 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633T480)	8,820.57	1,693.34
26 28 16 16-0665	EA	2,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033T480)	9,692.60	1,935.25
26 28 16 16-0666	EA	2,500 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533T480)	10,625.12	2,177.15
26 28 16 16-0667	EA	3,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033T480)	14,114.31	2,419.06
26 28 16 16-0668	EA	4,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033T480)	20,028.42	2,902.87
26 28 16 16-0669		Bottom Feed, Manually Operated, Bolted Contact Switches *(26 28 16 16-0660)*		
26 28 16 16-0670	EA	800 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833B480)	7,499.80	1,209.53
26 28 16 16-0671	EA	1,200 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233B480)	8,527.84	1,451.44
26 28 16 16-0672	EA	1,600 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633B480)	9,389.00	1,693.34
26 28 16 16-0673	EA	2,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033B480)	10,443.65	1,935.25
26 28 16 16-0674	EA	2,500 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533B480)	11,568.46	2,177.15
26 28 16 16-0675	EA	3,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033B480)	15,982.85	2,419.06
26 28 16 16-0676	EA	4,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033B480)	21,987.67	2,902.87

26 29 Low-Voltage Controllers *(26 20)*

26 29 13 Enclosed Controllers *(26 29)*

26 29 13 13 Across-The-Line Motor Controllers *(26 29 13)*

26 29 13 13-0001		Manual Motor Starters *(26 29 13 13)*		
26 29 13 13-0002		Fractional HP Manual Motor Starters *(26 29 13 13-0001)*		
26 29 13 13-0003	EA	NEMA 1, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG1)	231.94	60.57
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.09*	
		For Oversized Enclosure, Add	*30.91*	
		For Pilot Light, Add	*45.34*	
26 29 13 13-0004	EA	NEMA 1, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG2)	303.84	78.75
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.09*	
		For Oversized Enclosure, Add	*30.91*	
		For Pilot Light, Add	*45.34*	
26 29 13 13-0005	EA	NEMA 1, 1 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG3)	262.86	60.57
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.09*	
		For Oversized Enclosure, Add	*30.91*	
		For Pilot Light, Add	*45.34*	
26 29 13 13-0006	EA	NEMA 1, 2 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG4)	334.75	78.75
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.09*	
		For Oversized Enclosure, Add	*30.91*	
		For Pilot Light, Add	*45.34*	
26 29 13 13-0007	EA	NEMA 1, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG5)	245.34	60.57
		For Oversized Enclosure, Add	*30.91*	
26 29 13 13-0008	EA	NEMA 1, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG6)	321.36	78.75
		For Oversized Enclosure, Add	*30.91*	
26 29 13 13-0009	EA	NEMA 4, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW1)	497.29	72.69
		For Pilot Light, Add	*118.50*	
26 29 13 13-0010	EA	NEMA 4, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW2)	572.29	90.86
		For Pilot Light, Add	*118.50*	
26 29 13 13-0011	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR1)	528.20	72.69
26 29 13 13-0012	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR2)	600.11	90.86
26 29 13 13-0013		Non Reversing Manual Motor Starters *(26 29 13 13-0001)*		
26 29 13 13-0014	EA	NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG1) Note: NEMA 1 or flush cover plate installation.	186.78	60.57
		For Oversize Enclosure, Add	*14.91*	
		For Pilot Light, Add	*71.59*	
26 29 13 13-0015	EA	NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG2) Note: NEMA 1 or flush cover plate installation.	305.65	78.75
		For Oversize Enclosure, Add	*14.91*	
		For Pilot Light, Add	*71.59*	
26 29 13 13-0016	EA	NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG5) Note: NEMA 1 or flush cover plate installation.	210.81	66.64
		For Oversize Enclosure, Add	*14.91*	
		For Pilot Light, Add	*71.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0017	EA	NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG6) Note: NEMA 1 or flush cover plate installation.	330.69	84.81
		For Oversize Enclosure, Add	*14.91*	
		For Pilot Light, Add	*71.59*	
26 29 13 13-0018	EA	NEMA 1, Non Reversing, 2 Pole, Key Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG3) Note: NEMA 1 or flush cover plate installation.	215.62	60.57
		For Oversize Enclosure, Add	*14.91*	
		For Pilot Light, Add	*71.59*	
26 29 13 13-0019	EA	NEMA 1, Non Reversing, 3 Pole, Key Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG4) Note: NEMA 1 or flush cover plate installation.	335.48	78.75
		For Oversize Enclosure, Add	*14.91*	
		For Pilot Light, Add	*71.59*	
26 29 13 13-0020	EA	NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW1)	457.59	72.69
		For Pilot Light, Add	*113.35*	
26 29 13 13-0021	EA	NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW2)	565.53	90.86
		For Pilot Light, Add	*113.35*	
26 29 13 13-0022	EA	NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW5)	482.63	78.75
		For Pilot Light, Add	*113.35*	
26 29 13 13-0023	EA	NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW6)	587.59	96.92
		For Pilot Light, Add	*113.35*	
26 29 13 13-0024	EA	NEMA 3R, 7 And 9, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR1)	485.43	72.69
26 29 13 13-0025	EA	NEMA 3R, 7 And 9, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR2)	601.32	90.86
26 29 13 13-0026	EA	Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO1)	136.51	42.40
		For Pilot Light, Add	*71.59*	
26 29 13 13-0027	EA	Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO2)	255.39	60.57
		For Pilot Light, Add	*71.59*	
26 29 13 13-0028	EA	Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO5)	160.55	48.46
		For Pilot Light, Add	*71.59*	
26 29 13 13-0029	EA	Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO6)	279.42	66.64
		For Pilot Light, Add	*71.59*	

26 29 13 13-0030 Reversing Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0031	EA	NEMA 1, Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG11)	503.43	109.04
		For Pilot Light, Add	*115.34*	
26 29 13 13-0032	EA	NEMA 1, Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG22)	729.24	145.38
		For Pilot Light, Add	*115.34*	

26 29 13 13-0033 Two Speed Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0034	EA	NEMA 1, Two Speed, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG11)	503.43	109.04
26 29 13 13-0035	EA	NEMA 1, Two Speed, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG22)	729.24	145.38

26 29 13 13-0036 Non-Reversing Integral HP Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0037	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG1)	461.74	72.69
26 29 13 13-0038	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG1)	461.74	72.69
26 29 13 13-0039	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW11)	955.86	84.81
26 29 13 13-0040	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1)	955.86	84.81
26 29 13 13-0041	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR1)	1,248.51	84.81
26 29 13 13-0042	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA1)	587.99	84.81
26 29 13 13-0043	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO1)	394.49	54.52
26 29 13 13-0044	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG1)	548.06	78.75
26 29 13 13-0045	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG1)	548.06	78.75
26 29 13 13-0046	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW11)	1,144.18	90.86
26 29 13 13-0047	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW1)	1,144.18	90.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0048	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR1)	1,459.50	90.86
26 29 13 13-0049	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1)	674.30	90.86
26 29 13 13-0050	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO1)	480.80	60.57
26 29 13 13-0051	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG2)	719.89	84.81
26 29 13 13-0052	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG2)	719.89	84.81
26 29 13 13-0053	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW12)	1,360.33	96.92
26 29 13 13-0054	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW2)	1,360.33	96.92
26 29 13 13-0055	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR2)	1,662.25	96.92
26 29 13 13-0056	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA2)	849.23	96.92
26 29 13 13-0057	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO2)	655.71	66.64
26 29 13 13-0058	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG2)	571.78	90.86
26 29 13 13-0059	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG2)	571.78	90.86
26 29 13 13-0060	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW12)	1,065.88	102.98
26 29 13 13-0061	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW2)	1,065.88	102.98
26 29 13 13-0062	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR2)	1,366.77	102.98
26 29 13 13-0063	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA2)	699.05	102.98
26 29 13 13-0064	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO2)	507.61	72.69
26 29 13 13-0065	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG3)	658.09	96.92
26 29 13 13-0066	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG3)	658.09	96.92
26 29 13 13-0067	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW13)	1,254.21	109.04
26 29 13 13-0068	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW3)	1,254.21	109.04
26 29 13 13-0069	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR3)	1,576.74	109.04
26 29 13 13-0070	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA3)	784.33	109.04
26 29 13 13-0071	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO3)	590.83	78.75
26 29 13 13-0072		Reversing Integral HP Manual Motor Starters *(26 29 13 13-0001)*		
26 29 13 13-0073	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBG1)	1,334.87	127.21
26 29 13 13-0074	EA	NEMA 1, Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511TBG1)	1,334.87	127.21
26 29 13 13-0075	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBO1)	1,174.59	90.86
26 29 13 13-0076	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCG1)	1,578.58	139.33
26 29 13 13-0077	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCO1)	1,418.30	102.98
26 29 13 13-0078		Two Speed Integral HP Manual Motor Starters *(26 29 13 13-0001)*		
26 29 13 13-0079	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBG1)	1,334.87	127.21
26 29 13 13-0080	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBO1)	1,174.59	90.86
26 29 13 13-0081	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCG1)	1,578.58	139.33
26 29 13 13-0082	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCO1)	1,418.30	102.98
26 29 13 13-0083		Magnetic Motor Starters *(26 29 13 13)*		
26 29 13 13-0084		Non Reversing, Magnetic Contactors *(26 29 13 13-0083)*		
26 29 13 13-0085		Open Enclosure, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*		
26 29 13 13-0086	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO11)	538.04	121.16
		For Factory Installed Accessory, Deduct	*-242.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0087	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO12)	605.56	133.26
		For Factory Installed Accessory, Deduct	*-266.54*	
26 29 13 13-0088	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO5)	581.32	121.16
		For Factory Installed Accessory, Deduct	*-242.30*	
26 29 13 13-0089	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO1)	649.87	133.26
		For Factory Installed Accessory, Deduct	*-266.54*	
26 29 13 13-0090	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO2)	717.36	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0091	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO3)	906.50	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0092	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO4)	1,140.98	218.07
		For Factory Installed Accessory, Deduct	*-436.15*	
26 29 13 13-0093	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO5)	677.69	133.26
		For Factory Installed Accessory, Deduct	*-266.54*	
26 29 13 13-0094	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO1)	745.19	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0095	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO2)	814.76	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0096	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO3)	1,041.27	212.02
		For Factory Installed Accessory, Deduct	*-424.03*	
26 29 13 13-0097	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO4)	1,274.71	248.36
		For Factory Installed Accessory, Deduct	*-496.72*	
26 29 13 13-0098	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO1)	1,142.94	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0099	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO2)	1,272.31	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0100	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO3)	1,658.28	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	
26 29 13 13-0101	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO1)	1,713.34	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0102	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO2)	1,952.99	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	
26 29 13 13-0103	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO3)	2,484.26	302.87
		For Factory Installed Accessory, Deduct	*-605.76*	
26 29 13 13-0104	EA	Size 3, 3 Phase, 5 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO4)	3,545.18	363.46
		For Factory Installed Accessory, Deduct	*-726.91*	
26 29 13 13-0105	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO1)	3,864.03	302.87
		For Factory Installed Accessory, Deduct	*-605.76*	
26 29 13 13-0106	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO2)	4,250.00	363.46
		For Factory Installed Accessory, Deduct	*-726.91*	
26 29 13 13-0107	EA	Size 4, 3 Phase, 4 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO3)	5,749.89	424.03
		For Factory Installed Accessory, Deduct	*-848.06*	
26 29 13 13-0108	EA	Size 5, 1 Phase, 2 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO1)	7,787.53	363.46
		For Factory Installed Accessory, Deduct	*-726.91*	
26 29 13 13-0109	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO2)	8,647.06	484.60
		For Factory Installed Accessory, Deduct	*-969.21*	
26 29 13 13-0110	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHO2)	22,412.05	726.91
		For Factory Installed Accessory, Deduct	*-1,453.81*	
26 29 13 13-0111	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJO2)	32,092.51	1,090.36
		For Factory Installed Accessory, Deduct	*-2,180.72*	

26 29 13 13-0112 NEMA 1, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

26 29 13 13-0113	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG11)	569.98	121.16
		For Factory Installed Accessory, Deduct	*-242.30*	
26 29 13 13-0114	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG12)	637.50	133.26
		For Factory Installed Accessory, Deduct	*-266.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0115	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG5)	613.26	121.16
		For Factory Installed Accessory, Deduct	*-242.30*	
26 29 13 13-0116	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG1)	682.84	133.26
		For Factory Installed Accessory, Deduct	*-266.54*	
26 29 13 13-0117	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG2)	750.34	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0118	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG3)	941.54	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0119	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG4)	1,177.04	218.07
		For Factory Installed Accessory, Deduct	*-436.15*	
26 29 13 13-0120	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG5)	711.69	133.26
		For Factory Installed Accessory, Deduct	*-266.54*	
26 29 13 13-0121	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG1)	781.25	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0122	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG2)	848.76	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0123	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG3)	1,076.30	212.02
		For Factory Installed Accessory, Deduct	*-424.03*	
26 29 13 13-0124	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG4)	1,308.71	248.36
		For Factory Installed Accessory, Deduct	*-496.72*	
26 29 13 13-0125	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG1)	1,295.44	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0126	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG2)	1,425.85	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0127	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG3)	1,810.78	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	
26 29 13 13-0128	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG1)	2,013.20	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0129	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG2)	2,251.81	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	
26 29 13 13-0130	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG3)	2,784.12	302.87
		For Factory Installed Accessory, Deduct	*-605.76*	
26 29 13 13-0131	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG1)	4,485.39	302.87
		For Factory Installed Accessory, Deduct	*-605.76*	
26 29 13 13-0132	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG2)	4,871.36	363.46
		For Factory Installed Accessory, Deduct	*-726.91*	
26 29 13 13-0133	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGG2)	9,779.52	484.60
		For Factory Installed Accessory, Deduct	*-969.21*	
26 29 13 13-0134	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHG2)	27,392.20	726.91
		For Factory Installed Accessory, Deduct	*-1,453.81*	
26 29 13 13-0135	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJG2)	37,087.08	1,090.36
		For Factory Installed Accessory, Deduct	*-2,180.72*	

26 29 13 13-0136 NEMA 12, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

26 29 13 13-0137	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA1)	859.05	133.26
		For Factory Installed Accessory, Deduct	*-266.54*	
26 29 13 13-0138	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA2)	926.55	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0139	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCA2)	1,024.97	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0140	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA1)	1,616.94	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0141	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA2)	1,748.38	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0142	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA1)	2,394.47	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0143	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA2)	2,632.05	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	
26 29 13 13-0144	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFA2)	6,133.66	363.46
		For Factory Installed Accessory, Deduct	*-726.91*	
26 29 13 13-0145	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGA2)	13,009.97	484.60
		For Factory Installed Accessory, Deduct	*-969.21*	
26 29 13 13-0146	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHA2)	31,353.23	726.91
		For Factory Installed Accessory, Deduct	*-1,453.81*	
26 29 13 13-0147		**NEMA 4/4X, Non Reversing, Magnetic Contactors** *(26 29 13 13-0084)*		
		Note: Brushed stainless steel enclosure.		
26 29 13 13-0148	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBW12)	1,264.53	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0149	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW11)	1,309.87	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0150	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW12)	1,377.38	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0151	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW13)	1,604.92	212.02
		For Factory Installed Accessory, Deduct	*-424.03*	
26 29 13 13-0152	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDW12)	2,483.09	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0153	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEW12)	3,748.02	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	
26 29 13 13-0154	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFW12)	7,425.84	363.46
		For Factory Installed Accessory, Deduct	*-726.91*	
26 29 13 13-0155	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGW12)	13,009.97	484.60
		For Factory Installed Accessory, Deduct	*-969.21*	
26 29 13 13-0156	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHW2)	34,728.97	726.91
		For Factory Installed Accessory, Deduct	*-1,453.81*	
26 29 13 13-0157		**NEMA 7/9, Non Reversing, Magnetic Contactors** *(26 29 13 13-0084)*		
		Note: Bolted cast iron enclosure.		
26 29 13 13-0158	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBT2)	2,520.70	193.85
		For Factory Installed Accessory, Deduct	*-387.68*	
26 29 13 13-0159		**Non Reversing, Magnetic Starters** *(26 29 13 13-0083)*		
26 29 13 13-0160		**Open Enclosure, Non Reversing, Magnetic Starters** *(26 29 13 13-0159)*		
26 29 13 13-0161	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO11)	640.05	121.16
		For Factory Installed Accessory, Deduct	*-242.30*	
26 29 13 13-0162	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO12)	664.29	133.26
		For Factory Installed Accessory, Deduct	*-266.54*	
26 29 13 13-0163	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO1)	714.78	133.26
		For Factory Installed Accessory, Deduct	*-266.54*	
26 29 13 13-0164	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO2)	790.53	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0165	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO4)	1,269.78	218.07
		For Factory Installed Accessory, Deduct	*-436.15*	
26 29 13 13-0166	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO1)	813.20	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0167	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO3)	953.87	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0168	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO2)	997.15	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0169	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO6)	1,236.71	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0170	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO1)	1,405.24	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0171	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEO1)	2,172.47	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	
26 29 13 13-0172	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFO1)	4,587.99	363.46
		For Factory Installed Accessory, Deduct	*-726.91*	
26 29 13 13-0173	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGO1)	10,399.85	484.60
		For Factory Installed Accessory, Deduct	*-969.21*	
26 29 13 13-0174	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHO2)	23,872.19	726.91
		For Factory Installed Accessory, Deduct	*-1,453.81*	
26 29 13 13-0175	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SJO2)	34,392.46	1,090.36
		For Factory Installed Accessory, Deduct	*-2,180.72*	
26 29 13 13-0176		**NEMA 1, Non Reversing, Magnetic Starters** *(26 29 13 13-0159)*		
26 29 13 13-0177	EA	Size 00, 1 Phase, 2 Pole, .34 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG11)	674.06	121.16
		For Factory Installed Accessory, Deduct	*-242.30*	
26 29 13 13-0178	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG12)	698.30	133.26
		For Factory Installed Accessory, Deduct	*-266.54*	
26 29 13 13-0179	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG1)	748.79	133.26
		For Factory Installed Accessory, Deduct	*-266.54*	
26 29 13 13-0180	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG2)	824.53	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0181	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG1)	846.17	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0182	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG3)	922.95	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0183	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG2)	1,032.18	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0184	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG6)	1,390.25	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0185	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG1)	1,558.78	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0186	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEG1)	2,472.33	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	
26 29 13 13-0187	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFG1)	5,209.35	363.46
		For Factory Installed Accessory, Deduct	*-726.91*	
26 29 13 13-0188	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGG1)	11,535.40	484.60
		For Factory Installed Accessory, Deduct	*-969.21*	
26 29 13 13-0189		**NEMA 12, Non Reversing, Magnetic Starters** *(26 29 13 13-0159)*		
26 29 13 13-0190	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA1)	925.00	133.26
		For Factory Installed Accessory, Deduct	*-266.54*	
26 29 13 13-0191	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA2)	1,000.74	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0192	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA1)	1,022.38	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0193	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA3)	1,099.16	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0194	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA2)	1,208.39	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0195	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA6)	1,712.78	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0196	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA1)	1,880.28	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0197	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEA1)	2,852.56	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	
26 29 13 13-0198	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFA1)	6,470.62	363.46
		For Factory Installed Accessory, Deduct	*-726.91*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0199	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGA1)	14,762.76	484.60
		For Factory Installed Accessory, Deduct	*-969.21*	
26 29 13 13-0200	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHA2)	35,177.22	726.91
		For Factory Installed Accessory, Deduct	*-1,453.81*	

26 29 13 13-0201 NEMA 3R, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0202	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH1)	925.00	133.26
		For Factory Installed Accessory, Deduct	*-266.54*	
26 29 13 13-0203	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH2)	1,000.74	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0204	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH1)	1,022.38	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0205	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH3)	1,099.16	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0206	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH2)	1,208.39	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0207	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH6)	1,712.78	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0208	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH1)	1,880.28	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0209	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEH1)	2,852.56	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	
26 29 13 13-0210	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFH1)	6,470.62	363.46
		For Factory Installed Accessory, Deduct	*-726.91*	

26 29 13 13-0211 NEMA 3R/4/4X/7/9, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast aluminum enclosure.

26 29 13 13-0212	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT4)	2,627.37	205.95
		For Factory Installed Accessory, Deduct	*-411.91*	
26 29 13 13-0213	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR1)	3,227.09	205.95
		For Factory Installed Accessory, Deduct	*-411.91*	
26 29 13 13-0214	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR3)	3,325.52	218.07
		For Factory Installed Accessory, Deduct	*-436.15*	
26 29 13 13-0215	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDR1)	5,149.43	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	
26 29 13 13-0216	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SET43)	6,210.36	302.87
		For Factory Installed Accessory, Deduct	*-605.76*	
26 29 13 13-0217	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFT41)	9,893.32	424.03
		For Factory Installed Accessory, Deduct	*-848.06*	

26 29 13 13-0218 NEMA 4/4X, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0219	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW11)	1,261.95	133.26
		For Factory Installed Accessory, Deduct	*-266.54*	
26 29 13 13-0220	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW12)	1,338.72	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0221	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW11)	1,374.79	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0222	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW13)	1,451.57	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0223	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 7-1/2 HP At 460/575 Volt, 36 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW12)	1,560.80	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0224	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW16)	2,445.42	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0225	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW11)	3,967.51	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0226	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW11)	7,761.76	363.46
		For Factory Installed Accessory, Deduct	*-726.91*	
26 29 13 13-0227	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGW11)	17,245.10	484.60
		For Factory Installed Accessory, Deduct	*-969.21*	
26 29 13 13-0228		**NEMA 4X, Non Reversing, Magnetic Starters** *(26 29 13 13-0159)*		
		Note: Glass polyester enclosure.		
26 29 13 13-0229	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW21)	2,616.02	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0230	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW21)	4,839.26	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	
26 29 13 13-0231	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW21)	9,521.77	363.46
		For Factory Installed Accessory, Deduct	*-726.91*	
26 29 13 13-0232		**NEMA 7/9, Non Reversing, Magnetic Starters** *(26 29 13 13-0159)*		
		Note: Bolted cast iron enclosure.		
26 29 13 13-0233	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT1)	2,542.34	193.85
		For Factory Installed Accessory, Deduct	*-387.68*	
26 29 13 13-0234	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT2)	2,627.37	205.95
		For Factory Installed Accessory, Deduct	*-411.91*	
26 29 13 13-0235	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT1)	2,664.47	205.95
		For Factory Installed Accessory, Deduct	*-411.91*	
26 29 13 13-0236	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT3)	2,745.38	218.07
		For Factory Installed Accessory, Deduct	*-436.15*	
26 29 13 13-0237	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 36 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT2)	2,871.09	218.07
		For Factory Installed Accessory, Deduct	*-436.15*	
26 29 13 13-0238	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDT1)	4,217.91	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	
26 29 13 13-0239		**Reversing, Magnetic Starters** *(26 29 13 13-0083)*		
26 29 13 13-0240		**Open Enclosure, Reversing, Magnetic Starters** *(26 29 13 13-0239)*		
26 29 13 13-0241	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO13)	1,204.26	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0242	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO16)	1,269.18	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0243	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO1)	1,404.70	169.61
		For Factory Installed Accessory, Deduct	*-339.22*	
26 29 13 13-0244	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO2)	1,457.79	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0245	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO10)	1,493.86	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0246	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO2)	1,598.45	193.85
		For Factory Installed Accessory, Deduct	*-387.68*	
26 29 13 13-0247	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO3)	1,665.72	212.02
		For Factory Installed Accessory, Deduct	*-424.03*	
26 29 13 13-0248	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO7)	1,702.81	212.02
		For Factory Installed Accessory, Deduct	*-424.03*	
26 29 13 13-0249	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDO1)	2,905.12	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	
26 29 13 13-0250	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEO1)	4,747.71	363.46
		For Factory Installed Accessory, Deduct	*-726.91*	
26 29 13 13-0251	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFO1)	10,910.51	545.18
		For Factory Installed Accessory, Deduct	*-1,090.36*	
26 29 13 13-0252	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SGO1)	20,320.25	726.91
		For Factory Installed Accessory, Deduct	*-1,453.81*	
26 29 13 13-0253	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SJO1)	65,780.14	1,332.67
		For Factory Installed Accessory, Deduct	*-2,665.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 29 13 13-0254 NEMA 1, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0255	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG13)	1,241.86	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0256	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG15)	1,297.01	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0257	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG16)	1,334.10	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0258	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG1)	1,466.53	169.61
		For Factory Installed Accessory, Deduct	*-339.22*	
26 29 13 13-0259	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG2)	1,521.68	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0260	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG4)	1,558.78	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0261	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG2)	1,691.19	193.85
		For Factory Installed Accessory, Deduct	*-387.68*	
26 29 13 13-0262	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG6)	1,758.46	212.02
		For Factory Installed Accessory, Deduct	*-424.03*	
26 29 13 13-0263	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG8)	1,795.55	212.02
		For Factory Installed Accessory, Deduct	*-424.03*	
26 29 13 13-0264	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDG2)	3,146.24	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	
26 29 13 13-0265	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEG2)	5,165.04	363.46
		For Factory Installed Accessory, Deduct	*-726.91*	
26 29 13 13-0266	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFG3)	11,677.16	545.18
		For Factory Installed Accessory, Deduct	*-1,090.36*	

26 29 13 13-0267 NEMA 12, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0268	EA	Size 0, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA2)	1,785.48	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0269	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA4)	1,822.57	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0270	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCA4)	2,059.35	212.02
		For Factory Installed Accessory, Deduct	*-424.03*	
26 29 13 13-0271	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDA1)	3,587.27	242.30
		For Factory Installed Accessory, Deduct	*-484.60*	

26 29 13 13-0272 NEMA 4X, Reversing, Magnetic Starters *(26 29 13 13-0239)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0273	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBW14)	2,232.69	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0274	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCW11)	2,630.96	193.85
		For Factory Installed Accessory, Deduct	*-387.68*	

26 29 13 13-0275 Magnetic Contactor/Starters Accessories *(26 29 13 13-0083)*

26 29 13 13-0276	EA	NEMA 1 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA2)	166.60	15.15
		For Factory Installed Accessory, Deduct	*-30.29*	
26 29 13 13-0277	EA	NEMA 12 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA3)	282.93	15.15
		For Factory Installed Accessory, Deduct	*-30.29*	
26 29 13 13-0278	EA	NEMA 1 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC2)	166.60	15.15
		For Factory Installed Accessory, Deduct	*-30.29*	
26 29 13 13-0279	EA	NEMA 12 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC8)	282.93	15.15
		For Factory Installed Accessory, Deduct	*-30.29*	
26 29 13 13-0280	EA	NEMA 1 And 12 Enclosure Red Pilot Light Kit, Contactor/Starter Accessory (Square D 9999SP2R)	282.93	15.15
		For Factory Installed Accessory, Deduct	*-30.29*	
26 29 13 13-0281	EA	Internal Nonconvertible Contact Block Kit, 1 Contact, Contactor/Starter Accessory (Square D 9999SX11)	140.56	12.12
		For Factory Installed Accessory, Deduct	*-24.23*	
26 29 13 13-0282	EA	External Convertible Field Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX6)	125.29	12.12
		For Factory Installed Accessory, Deduct	*-24.23*	
26 29 13 13-0283	EA	External Convertible Field Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX8)	166.60	15.15
		For Factory Installed Accessory, Deduct	*-30.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0284	EA	External Field Non Convertible Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX13)	140.56	12.12
		For Factory Installed Accessory, Deduct	*-24.23*	
26 29 13 13-0285	EA	External Field Non Convertible Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX15)	187.75	15.15
		For Factory Installed Accessory, Deduct	*-30.29*	
26 29 13 13-0286	EA	30 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB6)	209.89	12.12
		For Factory Installed Accessory, Deduct	*-24.23*	
26 29 13 13-0287	EA	45 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB11)	361.48	12.12
		For Factory Installed Accessory, Deduct	*-24.23*	
26 29 13 13-0288	EA	60 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB21)	383.80	12.12
		For Factory Installed Accessory, Deduct	*-24.23*	
26 29 13 13-0289	EA	30 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB8)	459.19	15.15
		For Factory Installed Accessory, Deduct	*-30.29*	
26 29 13 13-0290	EA	45 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB13)	801.14	15.15
		For Factory Installed Accessory, Deduct	*-30.29*	
26 29 13 13-0291	EA	60 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB23)	801.14	15.15
		For Factory Installed Accessory, Deduct	*-30.29*	
26 29 13 13-0292	EA	Adapter Bracket For Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SBT1)	48.85	9.09
		For Factory Installed Accessory, Deduct	*-18.17*	
26 29 13 13-0293	EA	1 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF3)	99.43	12.12
		For Factory Installed Accessory, Deduct	*-24.23*	
26 29 13 13-0294	EA	2 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF4)	131.35	15.15
		For Factory Installed Accessory, Deduct	*-30.29*	
26 29 13 13-0295	EA	Transient Suppression Module, Contactor/Starter Accessory (Square D 9999ST1)	103.14	15.15
		For Factory Installed Accessory, Deduct	*-30.29*	
26 29 13 13-0296	EA	Terminal Block, Contactor/Starter Accessory (Square D 9999T7)	57.31	9.09
		For Factory Installed Accessory, Deduct	*-18.17*	
26 29 13 13-0297	EA	Closing Plate For NEMA 1 Enclosures, Contactor/Starter Accessory (Square D 9999SG1)	34.98	9.09
		For Factory Installed Accessory, Deduct	*-18.17*	
26 29 13 13-0298	EA	1 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R39)	182.86	12.12
		For Factory Installed Accessory, Deduct	*-24.23*	
26 29 13 13-0299	EA	2 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R40)	315.83	15.15
		For Factory Installed Accessory, Deduct	*-30.29*	

26 29 13 13-0300 Definite Purpose Starters *(26 29 13 13)*

26 29 13 13-0301 Open Enclosure, Definite Purpose Starter *(26 29 13 13-0300)*

26 29 13 13-0302	EA	Open Enclosure, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO13)	596.80	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0303	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO22)	595.77	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0304	EA	Open Enclosure, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO23)	644.73	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0305	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO32)	633.90	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0306	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO33)	689.04	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0307	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO42)	666.87	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0308	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO43)	774.61	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0309	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO52)	860.14	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0310	EA	Open Enclosure, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO53)	1,081.45	212.02
		For Factory Installed Accessory, Deduct	*-424.03*	

26 29 13 13-0311 NEMA 1, Definite Purpose Starter *(26 29 13 13-0300)*

26 29 13 13-0312	EA	NEMA 1, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG12)	608.65	133.26
		For Factory Installed Accessory, Deduct	*-266.54*	
26 29 13 13-0313	EA	NEMA 1, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG13)	657.60	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0314	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG22)	655.54	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0315	EA	NEMA 1, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG23)	707.59	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0316	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG32)	694.69	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0317	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG33)	750.87	157.50
		For Factory Installed Accessory, Deduct	*-314.99*	
26 29 13 13-0318	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG42)	729.73	145.38
		For Factory Installed Accessory, Deduct	*-290.76*	
26 29 13 13-0319	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG43)	836.43	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0320	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG52)	918.87	181.73
		For Factory Installed Accessory, Deduct	*-363.46*	
26 29 13 13-0321	EA	NEMA 1, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG53)	1,141.22	212.02
		For Factory Installed Accessory, Deduct	*-424.03*	
26 29 13 13-0322		**Definite Purpose Starter Accessory** *(26 29 13 13-0300)*		
26 29 13 13-0323	EA	Start-Stop Push Button Kit, Definite Purpose Starter Accessory Note: Or Hand-Off-Auto Selector Switch Kit	187.75	15.15
		For Factory Installed Accessory, Deduct	*-30.29*	
26 29 13 13-0324		**Panel Mounted Miniature Contactor** *(26 29 13 13)*		
26 29 13 13-0325		**Non Reversing, Panel Mounted Miniature Contactor** *(26 29 13 13-0324)*		
26 29 13 13-0326	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	179.90	60.57
26 29 13 13-0327	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	210.54	66.64
26 29 13 13-0328	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	210.54	66.64
26 29 13 13-0329	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	234.00	72.69
26 29 13 13-0330	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	198.44	60.57
26 29 13 13-0331	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	208.75	60.57
26 29 13 13-0332	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	228.06	66.64
26 29 13 13-0333	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	238.37	66.64
26 29 13 13-0334	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	234.24	66.64
26 29 13 13-0335	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	238.37	66.64
26 29 13 13-0336	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	254.61	72.69
26 29 13 13-0337	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	244.55	66.64
26 29 13 13-0338	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	264.91	72.69
26 29 13 13-0339	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	246.61	66.64
26 29 13 13-0340	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	246.61	66.64
26 29 13 13-0341	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	275.22	72.69
26 29 13 13-0342	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	275.22	72.69
26 29 13 13-0343		**Reversing, Panel Mounted Miniature Contactor** *(26 29 13 13-0324)*		
26 29 13 13-0344	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	255.12	60.57

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0345	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	275.73	60.57
26 29 13 13-0346	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	305.34	66.64
26 29 13 13-0347	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	305.34	66.64
26 29 13 13-0348	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	325.95	66.64
26 29 13 13-0349	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	342.20	72.69
26 29 13 13-0350	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	342.20	72.69
26 29 13 13-0351	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	293.24	60.57
26 29 13 13-0352	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	313.85	60.57
26 29 13 13-0353	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	341.41	66.64
26 29 13 13-0354	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	362.02	66.64
26 29 13 13-0355	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	384.44	72.69
26 29 13 13-0356	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	405.05	72.69
26 29 13 13-0357	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	330.08	66.64
26 29 13 13-0358	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	378.51	66.64
26 29 13 13-0359	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	427.72	72.69
26 29 13 13-0360		**Panel Mounted Miniature Contactor Accessories** *(26 29 13 13-0324)*		
26 29 13 13-0361	EA	2 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN02)	76.75	30.29
26 29 13 13-0362	EA	4 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN40)	84.70	30.29
26 29 13 13-0363	EA	Electronic Time Delay Contact, 2 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA2KT2U)	99.11	30.29
26 29 13 13-0364	EA	Overload Relay, Panel Mounted Miniature Contactor Accessory (Square D LR2K0301)	127.77	30.29
26 29 13 13-0365		**Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole** *(26 29 13 13)*		
26 29 13 13-0366		**NEMA 1 Enclosure** *(26 29 13 13-0365)*		
26 29 13 13-0367	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	7,342.14	580.58
		For NEMA 4, Add	*769.54*	
26 29 13 13-0368	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	12,795.63	774.10
		For NEMA 4, Add	*1,405.62*	
26 29 13 13-0369	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	22,356.36	919.25
		For NEMA 4, Add	*2,565.47*	
26 29 13 13-0370	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	54,408.97	1,124.86
		For NEMA 4, Add	*6,521.14*	
26 29 13 13-0371	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	86,771.74	1,439.34
		For NEMA 4, Add	*10,486.49*	
26 29 13 13-0372		**NEMA 12 Enclosure** *(26 29 13 13-0365)*		
26 29 13 13-0373	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	7,290.86	592.91
26 29 13 13-0374	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	12,701.96	775.31
26 29 13 13-0375	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	22,185.41	916.34
26 29 13 13-0376	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	53,974.43	1,119.90
26 29 13 13-0377	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	86,072.97	1,439.95
26 29 13 13-0378		**Factory Modifications Pilot Devices** *(26 29 13 13-0365)*		
26 29 13 13-0379	EA	Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	181.31	
26 29 13 13-0380	EA	H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	199.96	
26 29 13 13-0381	EA	Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	340.37	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0382	EA	Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	184.93	
26 29 13 13-0383	EA	Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	265.91	
26 29 13 13-0384	EA	Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	132.96	
26 29 13 13-0385	EA	Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	433.96	
26 29 13 13-0386		**Factory Modifications Meters** *(26 29 13 13-0365)*		
26 29 13 13-0387	EA	Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,744.40	
26 29 13 13-0388	EA	Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,684.85	
26 29 13 13-0389	EA	Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	595.65	
26 29 13 13-0390	EA	Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	493.55	
26 29 13 13-0391		**Factory Modifications Main Circuit Breakers** *(26 29 13 13-0365)*		
26 29 13 13-0392	EA	Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker	2,305.48	
26 29 13 13-0393	EA	Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker	4,216.43	
26 29 13 13-0394	EA	Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker	8,968.76	
26 29 13 13-0395		**Factory Modifications Addition** *(26 29 13 13-0365)*		
		Note: For reversing service auto transformer type.		
26 29 13 13-0396	EA	Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	387.19	
26 29 13 13-0397	EA	Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	387.19	
26 29 13 13-0398	EA	Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	387.19	
26 29 13 13-0399	EA	Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	387.19	
26 29 13 13-0400		**Combination Starters Non-Reversing** *(26 29 13 13)*		
26 29 13 13-0401		**240-600 Volt, 3-Pole** *(26 29 13 13-0400)*		
26 29 13 13-0402		**NEMA 1 With Disconnect Switch** *(26 29 13 13-0401)*		
26 29 13 13-0403	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,754.28	278.20
		For Electronic Overloads, Add	*226.92*	
26 29 13 13-0404	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,136.40	435.43
		For Electronic Overloads, Add	*239.39*	
26 29 13 13-0405	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,002.84	508.01
		For Electronic Overloads, Add	*379.03*	
26 29 13 13-0406	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,580.38	628.95
		For Electronic Overloads, Add	*630.89*	
26 29 13 13-0407	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	8,420.56	1,003.91
		For Electronic Overloads, Add	*1,216.89*	
26 29 13 13-0408	EA	Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	16,899.74	1,257.92
		For Electronic Overloads, Add	*2,732.18*	
26 29 13 13-0409		**NEMA 1 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0410	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,226.76	278.20
		For Electronic Overloads, Add	*316.69*	
26 29 13 13-0411	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,608.88	435.43
		For Electronic Overloads, Add	*329.16*	
26 29 13 13-0412	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,462.19	508.01
		For Electronic Overloads, Add	*466.31*	
26 29 13 13-0413	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,829.75	628.95
		For Electronic Overloads, Add	*678.27*	
26 29 13 13-0414	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	9,851.11	1,003.91
		For Electronic Overloads, Add	*1,488.69*	
26 29 13 13-0415	EA	Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	20,692.67	1,257.92
		For Electronic Overloads, Add	*3,452.83*	
26 29 13 13-0416		**Factory Modifications For NEMA 1 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0417	EA	Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	215.16	
26 29 13 13-0418	EA	H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	505.36	
26 29 13 13-0419	EA	Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	348.79	
26 29 13 13-0420		**NEMA 4 With Disconnect Switch** *(26 29 13 13-0401)*		
26 29 13 13-0421	EA	Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,200.87	362.86
		For Electronic Overloads, Add	*466.31*	
26 29 13 13-0422	EA	Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,527.81	508.01
		For Electronic Overloads, Add	*478.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0423	EA	Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	5,057.24	556.38
		For Electronic Overloads, Add	*748.09*	
26 29 13 13-0424	EA	Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	8,050.46	677.34
		For Electronic Overloads, Add	*1,274.24*	
26 29 13 13-0425	EA	Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	12,751.59	1,003.91
		For Electronic Overloads, Add	*2,039.78*	
26 29 13 13-0426	EA	Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	27,950.42	1,257.92
		For Electronic Overloads, Add	*4,831.81*	
26 29 13 13-0427		**NEMA 4 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0428	EA	Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,673.34	362.86
		For Electronic Overloads, Add	*556.08*	
26 29 13 13-0429	EA	Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,000.29	508.01
		For Electronic Overloads, Add	*568.55*	
26 29 13 13-0430	EA	Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,516.59	556.38
		For Electronic Overloads, Add	*835.36*	
26 29 13 13-0431	EA	Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	8,299.82	677.34
		For Electronic Overloads, Add	*1,321.62*	
26 29 13 13-0432	EA	Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	14,182.14	1,003.91
		For Electronic Overloads, Add	*2,311.59*	
26 29 13 13-0433	EA	Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	26,467.38	1,257.92
		For Electronic Overloads, Add	*4,550.03*	
26 29 13 13-0434		**Factory Modifications For NEMA 4 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0435	EA	Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	215.19	
26 29 13 13-0436	EA	H-0-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	505.36	
26 29 13 13-0437	EA	Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	348.79	
26 29 13 13-0438		**NEMA 12 With Disconnect Switch** *(26 29 13 13-0401)*		
26 29 13 13-0439	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,814.00	280.01
		For Electronic Overloads, Add	*238.27*	
26 29 13 13-0440	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,199.40	438.21
		For Electronic Overloads, Add	*251.36*	
26 29 13 13-0441	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,102.58	504.02
		For Electronic Overloads, Add	*397.98*	
26 29 13 13-0442	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,746.40	629.93
		For Electronic Overloads, Add	*662.43*	
26 29 13 13-0443	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	8,740.79	1,008.02
		For Electronic Overloads, Add	*1,277.73*	
26 29 13 13-0444	EA	Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	17,618.72	1,259.85
		For Electronic Overloads, Add	*2,868.78*	
26 29 13 13-0445		**NEMA 12 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0446	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,378.17	280.01
		For Electronic Overloads, Add	*345.46*	
26 29 13 13-0447	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,766.25	438.21
		For Electronic Overloads, Add	*359.06*	
26 29 13 13-0448	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,685.13	504.02
		For Electronic Overloads, Add	*508.67*	
26 29 13 13-0449	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,154.02	629.93
		For Electronic Overloads, Add	*739.88*	
26 29 13 13-0450	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	10,562.85	1,008.02
		For Electronic Overloads, Add	*1,623.92*	
26 29 13 13-0451	EA	Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	22,343.45	1,259.85
		For Electronic Overloads, Add	*3,766.48*	
26 29 13 13-0452		**Factory Modifications For NEMA 12 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0453	EA	Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	213.40	
26 29 13 13-0454	EA	H-0-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	501.16	
26 29 13 13-0455	EA	Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	345.88	
26 29 13 13-0456		**NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0457	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,184.14	580.58
26 29 13 13-0458	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,667.47	774.10
26 29 13 13-0459	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	6,183.43	1,064.39
26 29 13 13-0460	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	9,175.33	1,451.44
26 29 13 13-0461	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	13,810.45	2,032.01
26 29 13 13-0462		**Factory Modifications For NEMA 7 Or 9 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0463	EA	Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,279.59	
26 29 13 13-0464	EA	H-0-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,279.59	
26 29 13 13-0465	EA	Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,279.59	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0466		Combination Starters Reversing *(26 29 13 13)*		
26 29 13 13-0467		240-600 Volt, 3 Pole *(26 29 13 13-0466)*		
26 29 13 13-0468		NEMA 1 With Disconnect Switch *(26 29 13 13-0467)*		
26 29 13 13-0469	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,169.86	362.86
26 29 13 13-0470	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,526.48	508.01
26 29 13 13-0471	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	3,658.26	556.38
26 29 13 13-0472	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	5,550.11	677.34
26 29 13 13-0473	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	10,825.35	1,003.91
26 29 13 13-0474		NEMA 1 With Circuit Breaker *(26 29 13 13-0467)*		
26 29 13 13-0475	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,419.15	362.86
26 29 13 13-0476	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,792.59	508.01
26 29 13 13-0477	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	3,969.78	556.38
26 29 13 13-0478	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,121.23	677.34
26 29 13 13-0479	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	11,667.97	1,003.91
26 29 13 13-0480		NEMA 12 With Disconnect Switch *(26 29 13 13-0467)*		
26 29 13 13-0481	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,314.82	373.39
26 29 13 13-0482	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,681.16	504.02
26 29 13 13-0483	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	3,916.80	560.01
26 29 13 13-0484	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	5,978.53	672.02
26 29 13 13-0485	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	11,722.65	1,008.02
26 29 13 13-0486		NEMA 12 With Circuit Breaker *(26 29 13 13-0467)*		
26 29 13 13-0487	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,589.51	373.39
26 29 13 13-0488	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,974.37	504.02
26 29 13 13-0489	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,260.05	560.01
26 29 13 13-0490	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,505.97	672.02
26 29 13 13-0491	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	12,651.09	1,008.02
26 29 13 13-0492		NEMA 7 Or 9 With Circuit Breaker *(26 29 13 13-0467)*		
26 29 13 13-0493	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,079.51	774.10
26 29 13 13-0494	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	5,467.84	967.62
26 29 13 13-0495	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	7,851.90	1,257.92
26 29 13 13-0496	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	12,466.15	1,644.96
26 29 13 13-0497	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	22,697.93	2,225.54
26 29 13 13-0498		Solid State Motor Controllers *(26 29 13 13)*		
26 29 13 13-0499		Adjustable Voltage Drives, DC Motors *(26 29 13 13-0498)*		
26 29 13 13-0500	EA	0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking	1,717.18	217.71
26 29 13 13-0501	EA	0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking	2,066.02	217.71
26 29 13 13-0502		Removal And Reinstallation Of Motor Starters *(26 29 13 13)* Note: Includes storage and cleaning.		
26 29 13 13-0503	EA	Removal And Reinstallation Of Up To 25 HP Motor Starter With Disconnect	863.95	
26 29 13 13-0504		Auxiliary Devices *(26 29 13 13)*		
26 29 13 13-0505	EA	Normally Open, Auxiliary Contact	513.50	120.96
26 29 13 13-0506	EA	Normally Closed, Auxiliary Contact	513.50	120.96
26 29 13 13-0507	EA	Pilot Light Kit	540.91	120.96
26 29 13 13-0508		Irrigation Controller Panel *(26 29 13 13)* Note: 230 VAC supply voltage, 30 Amp minimum service required.		
26 29 13 13-0509	EA	Irrigation Booster Pump Control Panel Adder Note: Includes: main disconnect, 30 Amp 2 pole breaker, IEC starter for 11A, 1500VA fused CPT, overtemp and pump fail relays, 22MM green light run, 22MM red light run, 22MM HOA switch, terminals and accessories and misc hardware	2,775.73	138.74
26 29 23		**Variable-Frequency Motor Controllers** *(26 29)*		
26 29 23 00-0001		208/230 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives *(26 29 23)* Note: 1 or 3 phase. Wall mounted. ABB ACH580 Series. Includes full voltage bypass with main input circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0002	EA	3/4 HP, 208/230 Volt Variable Frequency Drive	2,046.58	416.33
		For 6-Pulse Drive Package, Deduct	*-667.60*	
26 29 23 00-0003	EA	1 HP, 208/230 Volt Variable Frequency Drive	2,303.23	455.03
		For 6-Pulse Drive Package, Deduct	*-768.56*	
26 29 23 00-0004	EA	1-1/2 HP, 208/230 Volt Variable Frequency Drive	2,674.51	500.33
		For 6-Pulse Drive Package, Deduct	*-920.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 23 00-0005	EA	2 HP, 208/230 Volt Variable Frequency Drive	2,816.05	480.93
		For 6-Pulse Drive Package, Deduct	*-1,019.80*	
26 29 23 00-0006	EA	3 HP, 208/230 Volt Variable Frequency Drive	3,019.51	524.35
		For 6-Pulse Drive Package, Deduct	*-1,083.95*	
26 29 23 00-0007	EA	5 HP, 208/230 Volt Variable Frequency Drive	3,262.49	524.35
		For 6-Pulse Drive Package, Deduct	*-1,217.59*	
26 29 23 00-0008	EA	7.5 HP, 208/230 Volt Variable Frequency Drive	3,897.90	626.07
		For 6-Pulse Drive Package, Deduct	*-1,455.17*	
26 29 23 00-0009	EA	10 HP, 208/230 Volt Variable Frequency Drive	4,248.86	626.07
		For 6-Pulse Drive Package, Deduct	*-1,648.20*	
26 29 23 00-0010	EA	15 HP, 208/230 Volt Variable Frequency Drive	5,611.00	942.67
		For 6-Pulse Drive Package, Deduct	*-2,049.11*	
26 29 23 00-0011	EA	20 HP, 208/230 Volt Variable Frequency Drive	6,582.90	942.67
		For 6-Pulse Drive Package, Deduct	*-2,583.66*	
26 29 23 00-0012	EA	25 HP, 208/230 Volt Variable Frequency Drive	8,038.88	1,252.24
		For 6-Pulse Drive Package, Deduct	*-3,043.97*	
26 29 23 00-0013	EA	30 HP, 208/230 Volt Variable Frequency Drive	9,253.77	1,252.24
		For 6-Pulse Drive Package, Deduct	*-3,712.16*	
26 29 23 00-0014	EA	40 HP, 208/230 Volt Variable Frequency Drive	10,306.67	1,252.24
		For 6-Pulse Drive Package, Deduct	*-4,291.25*	
26 29 23 00-0015	EA	50 HP, 208/230 Volt Variable Frequency Drive	13,586.93	1,583.00
		For 6-Pulse Drive Package, Deduct	*-5,731.57*	
26 29 23 00-0016	EA	60 HP, 208/230 Volt Variable Frequency Drive	16,380.14	1,872.65
		For 6-Pulse Drive Package, Deduct	*-6,949.16*	
26 29 23 00-0017	EA	75 HP, 208/230 Volt Variable Frequency Drive	18,539.94	1,872.65
		For 6-Pulse Drive Package, Deduct	*-8,137.05*	
26 29 23 00-0018		460/480 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives *(26 29 23)*		
		Note: 3 Phase. ABB ACH580 Series. Includes full voltage bypass with main circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0019	EA	3 HP, 480 Volt Variable Frequency Drive	4,845.85	749.09
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-1,841.23*	
26 29 23 00-0020	EA	5 HP, 480 Volt Variable Frequency Drive	5,007.84	749.09
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-1,930.32*	
26 29 23 00-0021	EA	7.5 HP, 480 Volt Variable Frequency Drive	5,483.64	892.54
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-2,034.26*	
26 29 23 00-0022	EA	10 HP, 480 Volt Variable Frequency Drive	5,510.64	892.54
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-2,049.11*	
26 29 23 00-0023	EA	15 HP, 480 Volt Variable Frequency Drive	7,403.82	1,353.13
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-2,583.66*	
26 29 23 00-0024	EA	20 HP, 480 Volt Variable Frequency Drive	7,781.79	1,353.13
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-2,791.54*	
26 29 23 00-0025	EA	25 HP, 480 Volt Variable Frequency Drive	9,374.53	1,785.08
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-3,192.45*	
26 29 23 00-0026	EA	30 HP, 480 Volt Variable Frequency Drive	10,724.41	1,785.08
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-3,934.89*	
26 29 23 00-0027	EA	40 HP, 480 Volt Variable Frequency Drive	12,128.28	1,785.08
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-4,707.02*	
26 29 23 00-0028	EA	50 HP, 480 Volt Variable Frequency Drive	15,873.81	2,267.49
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-6,236.42*	
26 29 23 00-0029	EA	60 HP, 480 Volt Variable Frequency Drive	21,144.44	2,688.96
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-8,671.60*	
26 29 23 00-0030	EA	75 HP, 480 Volt Variable Frequency Drive	22,440.32	2,688.96
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-9,384.33*	
26 29 23 00-0031	EA	100 HP, 480 Volt Variable Frequency Drive	25,970.70	2,996.33
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-10,987.98*	
26 29 23 00-0032	EA	125 HP, 480 Volt Variable Frequency Drive	27,374.57	2,996.33
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-11,760.11*	
26 29 23 00-0033	EA	150 HP, 480 Volt Variable Frequency Drive	30,290.30	2,996.33
		Note: Floor mounted.		
		For 6-Pulse Drive Package, Deduct	*-13,363.76*	
26 29 23 00-0034	EA	200 HP, 480 Volt Variable Frequency Drive	34,985.85	3,616.21
		Note: Floor mounted.		
		For 6-Pulse Drive Package, Deduct	*-15,264.39*	
26 29 23 00-0035	EA	250 HP, 480 Volt Variable Frequency Drive	43,714.58	3,777.60
		Note: Floor mounted.		
		For 6-Pulse Drive Package, Deduct	*-19,887.65*	
26 29 23 00-0036	EA	300 HP, 480 Volt Variable Frequency Drive	51,260.59	4,334.67
		Note: Floor mounted.		
		For 6-Pulse Drive Package, Deduct	*-23,425.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 23 00-0037	EA	350 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	58,947.00	4,701.08
		For 6-Pulse Drive Package, Deduct	*-27,249.60*	
26 29 23 00-0038	EA	400 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	68,286.55	5,076.20
		For 6-Pulse Drive Package, Deduct	*-31,973.84*	
26 29 23 00-0039	EA	450 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	73,599.10	5,504.59
		For 6-Pulse Drive Package, Deduct	*-34,424.46*	

26 29 33 Controllers for Fire Pump Drivers *(26 29)*

26 29 33 13 Full-Service Controllers for Fire Pump Electric-Motor Drivers *(26 29 33)*

26 29 33 13-0001 Electric Controllers For Fire Pumps *(26 29 33 13)*

26 29 33 13-0002 Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller *(26 29 33 13-0001)*

26 29 33 13-0003	EA	30 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	32,613.89	238.85
26 29 33 13-0004	EA	40 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	36,927.37	265.39
26 29 33 13-0005	EA	50 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	38,707.89	291.93
26 29 33 13-0006	EA	75 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	44,145.71	318.47
26 29 33 13-0007	EA	150 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	46,621.16	371.54
26 29 33 13-0008	EA	175 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	49,633.54	477.70
26 29 33 13-0009	EA	200 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	53,789.03	530.77
26 29 33 13-0010	EA	250 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	61,519.38	605.09
26 29 33 13-0011	EA	300 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	74,193.70	652.86
26 29 33 13-0012	EA	350 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	87,211.40	743.09
26 29 33 13-0013	EA	400 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	104,117.97	796.17
26 29 33 13-0014	EA	500 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	117,578.31	849.25

26 29 33 19 Controllers for Fire Pump Diesel Engine Drivers *(26 29 33)*

See CSI section 26 29 33 13-0000 for controllers for fire pump diesel engine drivers.

26 30 Facility Electrical Power Generating and Storing Equipment *(26)*

26 31 Photovoltaic Collectors *(26 30)*

26 31 00 00-0001 Rigid Photovoltaic Modules *(26 31)*

26 31 00 00-0002 Sanyo Rigid Photovoltaic Modules *(26 31 00 00-0001)*

26 31 00 00-0003	EA	205 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6)	2,104.24	114.90
		For >25 To 50, Deduct	*-152.07*	
		For >50 To 100, Deduct	*-204.68*	
		For >100, Deduct	*-304.15*	
26 31 00 00-0004	EA	210 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6)	2,205.85	114.90
		For >25 To 50, Deduct	*-159.69*	
		For >50 To 100, Deduct	*-214.84*	
		For >100, Deduct	*-319.39*	
26 31 00 00-0005	EA	215 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6)	2,064.38	114.90
		For >25 To 50, Deduct	*-149.08*	
		For >50 To 100, Deduct	*-200.69*	
		For >100, Deduct	*-298.17*	

26 31 00 00-0006 Sharp Rigid Photovoltaic Modules *(26 31 00 00-0001)*

26 31 00 00-0007	EA	224 Watt Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1)	1,646.72	114.90
		For >25 To 50, Deduct	*-117.76*	
		For >50 To 100, Deduct	*-158.93*	
		For >100, Deduct	*-235.52*	
26 31 00 00-0008	EA	230 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3)	1,873.52	114.90
		For >25 To 50, Deduct	*-134.77*	
		For >50 To 100, Deduct	*-181.61*	
		For >100, Deduct	*-269.54*	
26 31 00 00-0009	EA	235 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1)	1,909.44	114.90
		For >25 To 50, Deduct	*-137.46*	
		For >50 To 100, Deduct	*-185.20*	
		For >100, Deduct	*-274.93*	
26 31 00 00-0010	EA	240 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1)	1,797.17	114.90
		For >25 To 50, Deduct	*-129.04*	
		For >50 To 100, Deduct	*-173.97*	
		For >100, Deduct	*-258.09*	

26 31 00 00-0011 BP Solar Rigid Photovoltaic Modules *(26 31 00 00-0001)*

Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.

26 31 00 00-0012	EA	50 Watt Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J)	811.28	114.90
		For >25 To 50, Deduct	*-55.10*	
		For >50 To 100, Deduct	*-75.38*	
		For >100, Deduct	*-110.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0013	EA	75 Watt Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J)	1,002.15	114.90
		For >25 To 50, Deduct	*-69.42*	
		For >50 To 100, Deduct	*-94.47*	
		For >100, Deduct	*-138.83*	
26 31 00 00-0014	EA	80 Watt Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J)	1,078.50	114.90
		For >25 To 50, Deduct	*-75.14*	
		For >50 To 100, Deduct	*-102.10*	
		For >100, Deduct	*-150.28*	
26 31 00 00-0015		**Photovoltaic Inverters** *(26 31)*		
26 31 00 00-0016		**Fronius Photovoltaic Inverters** *(26 31 00 00-0015)*		
26 31 00 00-0017	EA	3 KW Photovoltaic Inverter (Fronius IG Plus 3.0-1)	5,016.05	120.96
26 31 00 00-0018	EA	5 KW Photovoltaic Inverter (Fronius IG Plus 5.0-1)	6,616.98	120.96
26 31 00 00-0019	EA	6 KW Photovoltaic Inverter (Fronius IG Plus 6.0-1)	6,984.79	120.96
26 31 00 00-0020	EA	7.5 KW Photovoltaic Inverter (Fronius IG Plus 7.5-1)	7,810.01	120.96
26 31 00 00-0021	EA	10 KW Photovoltaic Inverter (Fronius IG Plus 10.0-1)	12,368.09	120.96
26 31 00 00-0022	EA	12 KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1)	14,377.33	120.96
26 31 00 00-0023	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta)	11,706.47	241.91
26 31 00 00-0024	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3)	14,816.72	241.91
26 31 00 00-0025	EA	Inverter Display Stand (Fronius 4,045,894)	439.15	60.47
26 31 00 00-0026		**SMA Photovoltaic Inverters** *(26 31 00 00-0015)*		
26 31 00 00-0027	EA	4 KW AC Photovoltaic Inverter (SMA Sunny Boy 4000TL-US-22)	3,724.68	120.96
26 31 00 00-0028	EA	5 KW AC Photovoltaic Inverter (SMA Sunny Boy 5000TL-US-22)	4,471.19	120.96
26 31 00 00-0029	EA	6 KW AC Photovoltaic Inverter (SMA Sunny Boy 6000TL-US-22)	5,166.89	120.96
26 31 00 00-0030	EA	7 KW AC Photovoltaic Inverter (SMA Sunny Boy 7000TL-US-22)	5,697.99	120.96
26 31 00 00-0031	EA	8 KW AC Photovoltaic Inverter (SMA Sunny Boy 8000TL-US-12)	5,519.09	120.96
26 31 00 00-0032		**PVPowered Photovoltaic Inverters** *(26 31 00 00-0015)*		
26 31 00 00-0033	EA	120 Volt, 1.1 KW Photovoltaic Inverter (PVPowered PVP1100)	4,609.70	120.96
26 31 00 00-0034	EA	240 Volt, 2 KW Photovoltaic Inverter (PVPowered PVP2000)	4,821.18	120.96
26 31 00 00-0035	EA	240 Volt, 2.5 KW Photovoltaic Inverter (PVPowered PVP2500)	5,326.93	120.96
26 31 00 00-0036	EA	240 Volt, 3.5 KW Photovoltaic Inverter (PVPowered PVP3500)	6,316.12	151.19
26 31 00 00-0037	EA	208 Volt, 4.6 KW Photovoltaic Inverter (PVPowered PVP4600)	7,700.73	181.43
26 31 00 00-0038	EA	240 Volt, 4.8 KW Photovoltaic Inverter (PVPowered PVP4800)	7,765.11	181.43
26 31 00 00-0039	EA	240 Volt, 5.2 KW Photovoltaic Inverter (PVPowered PVP5200)	8,193.59	181.43
26 31 00 00-0040	EA	208 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	97,700.41	967.62
26 31 00 00-0041	EA	480 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	97,829.73	967.62
26 31 00 00-0042	EA	208 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	105,861.73	967.62
26 31 00 00-0043	EA	480 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	98,138.36	967.62
26 31 00 00-0044		**Solectria Photovoltaic Inverters** *(26 31 00 00-0015)*		
26 31 00 00-0045	EA	208 Or 480 Volt, 10 KW Photovoltaic Inverter (Solectria PVI)	15,364.08	241.91
26 31 00 00-0046	EA	208 Or 480 Volt, 13 KW Photovoltaic Inverter (Solectria PVI)	15,364.08	241.91
26 31 00 00-0047	EA	208 Volt, 15 KW, Photovoltaic Inverter (Solectria PVI)	15,813.49	241.91
26 31 00 00-0048	EA	480 Volt, 15 KW Photovoltaic Inverter (Solectria PVI)	15,813.49	241.91
26 31 00 00-0049	EA	208 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	48,139.54	725.72
26 31 00 00-0050	EA	480 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	45,892.52	725.72
26 31 00 00-0051	EA	208 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	52,633.58	725.72
26 31 00 00-0052	EA	480 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	51,385.24	725.72
26 31 00 00-0053	EA	208 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	55,879.28	725.72
26 31 00 00-0054	EA	480 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	53,382.59	725.72
26 31 00 00-0055	EA	208 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	58,859.78	967.62
26 31 00 00-0056	EA	480 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	56,113.42	967.62
26 31 00 00-0057	EA	208 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	61,106.80	967.62
26 31 00 00-0058	EA	480 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	57,861.11	967.62
26 31 00 00-0059		**Xantrex Photovoltaic Inverters** *(26 31 00 00-0015)*		
26 31 00 00-0060	EA	0.6 KW Photovoltaic Inverter (Xantrex 806-1206)	642.62	30.24
26 31 00 00-0061	EA	1 KW Photovoltaic Inverter (Xantrex 806-1210)	700.44	30.24
26 31 00 00-0062	EA	2 KW Photovoltaic Inverter (Xantrex 806-1220)	1,125.38	30.24
26 31 00 00-0063		**Photovoltaic DC-DC Converters** *(26 31)*		
26 31 00 00-0064	EA	15 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-20) Note: Hazardous locations.	378.13	45.36
26 31 00 00-0065	EA	20 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-23)	252.39	45.36
26 31 00 00-0066	EA	60 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-60)	701.49	45.36
26 31 00 00-0067		**Photovoltaic Combiner Boxes** *(26 31)*		
26 31 00 00-0068		**Midnight Solar Photovoltaic Combiner Boxes** *(26 31 00 00-0067)*		
26 31 00 00-0069	EA	3 - 150 Volt DC Breaker Or 3 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3)	453.94	120.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0070	EA	6 - 150 Volt DC Breaker Or 4 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6)	442.30	120.96
26 31 00 00-0071	EA	12 - 150 Volt DC Breaker Or 10 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12)	703.61	181.43
26 31 00 00-0072	EA	6 - 300 Volt DC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250)	707.68	181.43
26 31 00 00-0073	EA	16, 600 Volt DC Breakers, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16)	1,085.42	181.43
26 31 00 00-0074		**SMA Photovoltaic Combiner Boxes** *(26 31 00 00-0067)*		
26 31 00 00-0075	EA	6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6)	1,003.57	120.96
26 31 00 00-0076	EA	12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12)	1,202.02	120.96
26 31 00 00-0077	EA	28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28)	2,328.18	241.91
26 31 00 00-0078	EA	52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52)	5,349.67	241.91
26 31 00 00-0079	EA	4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch)	896.17	120.96
26 31 00 00-0080		**Photovoltaic Charge Controller** *(26 31)*		
26 31 00 00-0081	EA	35 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-35)	301.79	45.36
26 31 00 00-0082	EA	40 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-40)	402.83	45.36
26 31 00 00-0083	EA	60 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-60)	470.20	45.36
26 31 00 00-0084	EA	Remote Digital Meter For Xantrex C-35, 40 And 60	360.17	45.36
26 31 00 00-0085	EA	MPPT Charge Controller (Xantrex XW SCC)	1,248.09	60.47
26 31 00 00-0086		**Photovoltaic Batteries** *(26 31)*		
26 31 00 00-0087		**Concorde Photovoltaic Batteries** *(26 31 00 00-0086)*		
26 31 00 00-0088	EA	34 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T)	278.57	18.14
26 31 00 00-0089	EA	45 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T)	351.23	24.19
26 31 00 00-0090	EA	49 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T)	380.60	24.19
26 31 00 00-0091	EA	56 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T)	435.99	36.29
26 31 00 00-0092	EA	69 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T)	496.56	36.29
26 31 00 00-0093	EA	89 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T)	589.42	42.33
26 31 00 00-0094	EA	104 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T)	675.99	48.38
26 31 00 00-0095	EA	108 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T)	668.14	48.38
26 31 00 00-0096	EA	210 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T)	1,225.35	57.46
26 31 00 00-0097	EA	255 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T)	1,417.16	60.47
26 31 00 00-0098		**Deka Photovoltaic Batteries** *(26 31 00 00-0086)*		
26 31 00 00-0099	EA	31 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8GU1)	291.86	30.29
26 31 00 00-0100	EA	50 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G22NF)	401.89	30.29
26 31 00 00-0101	EA	74 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G24)	592.75	30.29
26 31 00 00-0102	EA	86 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G27)	678.08	30.29
26 31 00 00-0103	EA	98 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G31)	680.33	30.29
26 31 00 00-0104	EA	183 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G4D)	1,318.05	30.29
26 31 00 00-0105	EA	225 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G8D)	1,524.64	30.29
26 31 00 00-0106		**Battery Enclosures** *(26 31 00 00-0086)*		
26 31 00 00-0107	EA	14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010)	329.93	30.24
26 31 00 00-0108	EA	22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC)	1,616.70	30.29
26 31 00 00-0109	EA	37" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL)	1,520.15	30.29
26 31 00 00-0110	EA	37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC)	2,025.38	30.29
26 31 00 00-0111	EA	15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1)	902.63	30.29
26 31 00 00-0112	EA	31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP)	2,121.94	30.29
26 31 00 00-0113		**Photovoltaic System Monitoring** *(26 31)*		
26 31 00 00-0114	EA	Solar Inverter Monitor (Xantrex 864-0203)	696.26	60.47
26 31 00 00-0115	EA	Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox)	1,439.77	30.24
26 31 00 00-0116	EA	Sun Radiation And Temperature Monitor (SMA Sunny SensorBox)	1,202.93	30.24
26 31 00 00-0117	EA	PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA)	221.74	30.24
26 31 00 00-0118	EA	Wind Sensor Accessory For Sunny SensorBox (SMA)	548.24	60.47
26 31 00 00-0119	EA	Sunny Boy Control with RS485 (SMA)	1,416.19	30.24
26 31 00 00-0120	EA	RS 485 Module (SMA)	321.83	30.24
26 31 00 00-0121	EA	RS 232 Module (SMA)	329.93	30.24
26 31 00 00-0122	EA	Wireless Monitor with Bluetooth (SMA Sunny Beam)	618.80	
26 31 00 00-0123	EA	Bluetooth Piggy-Back Computer Card (SMA)	334.30	30.24
26 31 00 00-0124	EA	RS485-N Communication Computer Card (SMA)	332.04	30.24
26 31 00 00-0125	EA	Bluetooth Repeater (SMA)	627.37	30.24
26 31 00 00-0126	EA	Sunny Boy PC Service Cable (SMA)	298.13	9.07
26 31 00 00-0127	EA	Integrated Revenue Grade Meter, Option (PVPowered)	5,759.71	
26 31 00 00-0128	EA	Data Monitoring Module (PVPowered PVM1010)	626.05	30.24
26 31 00 00-0129	EA	Wireless IG Personal Display (Fronius 4,240,108)	628.66	
26 31 00 00-0130	EA	DatCom Power Supply (Fronius 43,0001,2311)	205.14	
26 31 00 00-0131	EA	Wireless Card For IG Personal Display (Fronius 4,240,008,Z)	372.55	30.24
26 31 00 00-0132	EA	Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z)	315.06	30.24
26 31 00 00-0133	EA	Datalogger Pro Box (Fronius 4,240,102)	1,239.99	30.24
26 31 00 00-0134	EA	Datalogger Easy Box (Fronius 4,240,103)	806.28	30.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0135	EA	Datalogger Interface Box (Fronius 4,240,105)	1,400.04	30.24
26 31 00 00-0136	EA	Datalogger Web (Fronius 4,240,122)	2,406.46	30.24
26 31 00 00-0137	EA	Interface Box (Fronius 4,240,109)	645.88	30.24
26 31 00 00-0138	EA	Interface Card (Fronius 4,240,009,Z)	460.58	30.24
26 31 00 00-0139	EA	Interface Card Easy (Fronius 4,240,013,Z)	303.39	30.24
26 31 00 00-0140	EA	Sensor Box (Fronius 4,240,104)	1,295.10	30.24
26 31 00 00-0141	EA	Ambient Temperature Sensor (Fronius 43,0001,1188)	142.78	30.24
26 31 00 00-0142	EA	Irradiance Sensor (Fronius 43,0001,1188)	449.17	30.24
26 31 00 00-0143	EA	Module Temperature Sensor (Fronius 43,0001,1190)	500.36	30.24
26 31 00 00-0144	EA	Wind Speed Sensor (Fronius 42,0411,0027)	263.39	60.47
26 31 00 00-0145		**Photovoltaic System Accessories** *(26 31)*		
26 31 00 00-0146	EA	Four Inverter Bypass Switch (OutBack AC-IOB-100Q)	954.56	60.47
26 31 00 00-0147	EA	Line Communication Filter (Enphase LCF)	2,080.97	120.96
26 31 00 00-0148	EA	15 Meter RS 485 Communication Cable (SMA)	159.61	9.07
26 31 00 00-0149	EA	15 Meter RS 232 Communication Cable (SMA)	240.44	9.07
26 31 00 00-0150	EA	24" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	36.66	3.00
26 31 00 00-0151	EA	36" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	39.37	3.00
26 31 00 00-0152	EA	48" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	40.90	3.00
26 31 00 00-0153	EA	72" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	45.14	3.00
26 31 00 00-0154	EA	120" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	51.51	3.00
26 31 00 00-0155	EA	240" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	81.80	5.98
26 31 00 00-0156	EA	360" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	101.56	5.98
26 31 00 00-0157	EA	420" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	133.31	8.98
26 31 00 00-0158	EA	36" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	46.21	3.00
26 31 00 00-0159	EA	120" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	64.24	3.00
26 31 00 00-0160	EA	240" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	94.53	5.98
26 31 00 00-0161	EA	360" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	126.36	5.98
26 31 00 00-0162	EA	600" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	204.99	11.98
26 31 00 00-0163	EA	1200" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	213.97	11.98
26 31 00 00-0164	EA	Lighting Kit, 9 Watt Fluorescent, 12 Volt, 4.5 Ampere Hours Battery Note: Tamper proof enclosure.	3,813.16	326.57
26 31 00 00-0165		**Photovoltaic Mounting Systems** *(26 31)*		
26 31 00 00-0166	LF	Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard)	13.02	3.03
26 31 00 00-0167	EA	Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229)	37.28	15.12
26 31 00 00-0168	EA	Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216)	47.28	15.12
26 31 00 00-0169	EA	8" x 3/8" Hanger Bolt (UNIRAC 310046) Note: Supports mounting rail above tile or metal roof.	24.99	6.04
26 31 00 00-0170	EA	Mounting Rail Grounding Clip (UNIRAC 980006) Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips.	11.86	4.54
26 31 00 00-0171	EA	Mounting Rail Grounding Lugs (UNIRAC 980012) Note: Two grounding lugs for each rail splice and one additional lug for each rail.	25.45	6.04
26 31 00 00-0172	EA	Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002) Note: Four for each row of modules you plan to mount.	6.82	2.02
26 31 00 00-0173	EA	Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008) Note: For each row, take one less than the number of modules in the row and multiply that figure by 2.	7.15	2.02
26 31 00 00-0174	EA	Photovoltaic Module Mount L-Feet (UNIRAC 310065)	17.70	6.04
26 31 00 00-0175	EA	12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	105.42	30.24
26 31 00 00-0176	EA	30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	116.74	30.24
26 31 00 00-0177	EA	44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	125.86	30.24
26 31 00 00-0178	EA	12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	154.84	45.36
26 31 00 00-0179	EA	44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	188.79	45.36
26 31 00 00-0180	EA	72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	219.60	45.36
26 31 00 00-0181	EA	18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	241.68	60.47
26 31 00 00-0182	EA	64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	322.79	60.47
26 31 00 00-0183	EA	104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	453.67	90.71
26 31 00 00-0184	EA	Ballasted Photovoltaic Module Frame (UNIRAC 310351) Note: Excludes ballast.	221.49	
26 31 00 00-0185	EA	Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355) Note: Excludes ballast.	412.75	
26 31 00 00-0186	EA	3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051)	82.82	30.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0187	EA	4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052)	83.86	30.24
26 31 00 00-0188	EA	6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053)	84.81	30.24
26 31 00 00-0189	EA	7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054)	87.19	30.24
26 31 00 00-0190	EA	3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553)	76.50	30.24
26 31 00 00-0191	EA	4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554)	77.71	30.24
26 31 00 00-0192	EA	6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555)	81.22	30.24
26 31 00 00-0193	EA	7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556)	80.22	30.24
26 31 00 00-0194	EA	3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390)	159.24	45.36
26 31 00 00-0195	EA	4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391)	159.97	45.36
26 31 00 00-0196	EA	7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394)	162.10	45.36
26 31 00 00-0197	EA	Photovoltaic Module Rapidfoot Standoff Assembly (UNIRAC 310370)	159.87	45.36
26 31 00 00-0198	EA	Photovoltaic Module Standoff Flashing (UNIRAC 990103)	31.85	6.04
26 31 00 00-0199	EA	Photovoltaic Module Standoff Ethylene Propylene Diene Monomer (EPDM) Patch (UNIRAC 990161)	20.93	6.04
26 31 00 00-0200	EA	1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100)	39.77	9.07
26 31 00 00-0201	EA	3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100)	41.40	9.07
26 31 00 00-0202	EA	Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100) Note: Mid or end clamp.	11.57	2.02
26 31 00 00-0203	EA	Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024)	52.86	6.04
26 31 00 00-0204	EA	Photovoltaic Module Wire Clip (UNIRAC 908002S-0100)	2.71	

26 32 Packaged Generator Assemblies *(26 30)*

26 32 13 Engine Generators *(26 32)*

See CSI section 23 13 23 13-0001 for fuel storage tanks.

26 32 13 13 Diesel-Engine-Driven Generator Sets *(26 32 13)*

See CSI section 01 22 23 00-0812 for fuel reimbursment for commissioning.

26 32 13 13-0001 Diesel Generator Sets (Cummins) *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, active diesel particulate filter, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0791 for loadbank rental, 23 13 23 13-0001 for fuel day tank.

26 32 13 13-0002	EA	25 KW Diesel Generator Set, 3 Phase (Cummins DSKCA)	31,863.37	1,047.42
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,762.70*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*12,126.66*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*17,590.20*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*23,453.60*	
26 32 13 13-0003	EA	35 KW Diesel Generator Set, 3 Phase (Cummins DSFAA)	33,812.96	1,289.64
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,762.70*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*12,126.66*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*17,590.20*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*23,453.60*	
26 32 13 13-0004	EA	40 KW Diesel Generator Set, 3 Phase (Cummins DSFAB)	34,878.44	1,414.01
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,762.70*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*12,126.66*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*17,590.20*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*23,453.60*	
26 32 13 13-0005	EA	50 KW Diesel Generator Set, 3 Phase (Cummins DSFAC)	40,884.70	1,623.50
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,762.70*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*12,126.66*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*17,590.20*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*23,453.60*	
26 32 13 13-0006	EA	60 KW Diesel Generator Set, 3 Phase (Cummins DSFAD)	44,043.10	1,865.71
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,762.70*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*12,126.66*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*17,590.20*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*23,453.60*	
26 32 13 13-0007	EA	80 KW Diesel Generator Set, 3 Phase (Cummins DSFAE)	51,713.76	2,186.48
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,762.70*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*12,126.66*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*17,590.20*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*23,453.60*	
26 32 13 13-0008	EA	100 KW Diesel Generator Set, 3 Phase (Cummins DSGAA)	55,582.91	2,539.98
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,224.00*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,704.79*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,939.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0009	EA	125 KW Diesel Generator Set, 3 Phase (Cummins DSGAB)	56,922.22	3,011.32
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,224.00*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,704.79*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,939.72*	
26 32 13 13-0010	EA	150 KW Diesel Generator Set, 3 Phase (Cummins DSGAC)	62,917.68	3,319.01
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,224.00*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,704.79*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,939.72*	
26 32 13 13-0011	EA	175 KW Diesel Generator Set, 3 Phase (Cummins DSHAB)	66,088.19	3,705.24
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,224.00*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,704.79*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,939.72*	
26 32 13 13-0012	EA	200 KW Diesel Generator Set, 3 Phase (Cummins DSHAC)	70,207.94	4,058.74
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,224.00*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,704.79*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,939.72*	
26 32 13 13-0013	EA	230 KW Diesel Generator Set, 3 Phase (Cummins DSHAD)	75,621.34	4,287.86
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,224.00*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,704.79*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,939.72*	
26 32 13 13-0014	EA	250 KW Diesel Generator Set, 3 Phase (Cummins DQDAA)	78,790.98	4,464.62
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*46,849.44*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*51,875.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*69,167.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*56,821.34*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*63,411.68*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*84,548.90*	
26 32 13 13-0015	EA	275 KW Diesel Generator Set, 3 Phase (Cummins DQHAA)	85,685.65	4,706.83
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*46,849.44*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*51,875.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*69,167.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*56,821.34*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*63,411.68*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*84,548.90*	
26 32 13 13-0016	EA	300 KW Diesel Generator Set, 3 Phase (Cummins DQHAB)	87,578.26	4,916.32
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*46,849.44*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*51,875.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*69,167.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*56,821.34*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*63,411.68*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*84,548.90*	
26 32 13 13-0017	EA	350 KW Diesel Generator Set, 3 Phase (Cummins DFEG)	98,616.56	5,498.94
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*46,849.44*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*51,875.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*69,167.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*56,821.34*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*63,411.68*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*84,548.90*	
26 32 13 13-0018	EA	400 KW Diesel Generator Set, 3 Phase (Cummins DFEH)	106,123.29	6,022.65
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*46,849.44*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*51,875.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*69,167.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*56,821.34*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*63,411.68*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*84,548.90*	
26 32 13 13-0019	EA	450 KW Diesel Generator Set, 3 Phase (Cummins DFEJ)	119,666.63	6,487.44
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*46,849.44*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*51,875.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*69,167.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*56,821.34*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*63,411.68*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*84,548.90*	
26 32 13 13-0020	EA	500 KW Diesel Generator Set, 3 Phase (Cummins DFEK)	125,821.91	6,912.96
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*46,849.44*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*51,875.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*69,167.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*56,821.34*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*63,411.68*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*84,548.90*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0021	EA	600 KW Diesel Generator Set, 3 Phase (Cummins DQCA)	182,237.92	7,613.41
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*95,704.81*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*115,250.95*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*153,667.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*112,567.50*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*134,265.63*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*179,020.83*	
26 32 13 13-0022	EA	750 KW Diesel Generator Set, 3 Phase (Cummins DQCB)	208,611.04	8,372.79
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*95,704.81*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*115,250.95*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*153,667.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*112,567.50*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*134,265.63*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*179,020.83*	
26 32 13 13-0023	EA	800 KW Diesel Generator Set, 3 Phase (Cummins DQCC)	217,799.98	8,556.09
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*95,704.81*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*115,250.95*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*153,667.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*112,567.50*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*134,265.63*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*179,020.83*	
26 32 13 13-0024	EA	900 KW Diesel Generator Set, 3 Phase (Cummins DQFAC)	265,419.24	9,223.82
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*95,704.81*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*115,250.95*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*153,667.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*112,567.50*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*134,265.63*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*179,020.83*	
26 32 13 13-0025	EA	1,000 KW Diesel Generator Set, 3 Phase (Cummins DQFAD)	296,546.92	9,819.54
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*95,704.81*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*115,250.95*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*153,667.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*112,567.50*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*134,265.63*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*179,020.83*	

26 32 13 13-0026 Diesel Generator Sets (Generac SD) *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with 24 hour run time fuel tank, radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes startup and training. Excludes fuel, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0791 for loadbank rental, 01 22 23 00-0812 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0027	EA	10 KW, Industrial, Diesel Generator Set (Generac SD)	21,599.82	654.64
		For Steel Weather Protective Housing, Add	*3,039.30*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,628.23*	
26 32 13 13-0028	EA	15 KW, Industrial, Diesel Generator Set (Generac SD)	22,020.09	785.56
		For Steel Weather Protective Housing, Add	*3,039.30*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,628.23*	
26 32 13 13-0029	EA	20 KW, Industrial, Diesel Generator Set (Generac SD)	22,808.48	877.21
		For Steel Weather Protective Housing, Add	*3,039.30*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,628.23*	
26 32 13 13-0030	EA	25 KW, Industrial, Diesel Generator Set (Generac SD)	24,494.47	1,047.42
		For Steel Weather Protective Housing, Add	*3,039.30*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,628.23*	
26 32 13 13-0031	EA	30 KW, Industrial, Diesel Generator Set (Generac SD)	25,045.23	1,168.52
		For Steel Weather Protective Housing, Add	*3,039.30*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,628.23*	
26 32 13 13-0032	EA	35 KW, Industrial, Diesel Generator Set (Generac SD)	27,765.85	1,289.64
		For Steel Weather Protective Housing, Add	*3,039.30*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,628.23*	
26 32 13 13-0033	EA	40 KW, Industrial, Diesel Generator Set (Generac SD)	28,236.58	1,414.01
		For Steel Weather Protective Housing, Add	*3,039.30*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,628.23*	
26 32 13 13-0034	EA	50 KW, Industrial, Diesel Generator Set (Generac SD)	29,232.08	1,623.50
		For Steel Weather Protective Housing, Add	*3,039.30*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*5,628.23*	
26 32 13 13-0035	EA	60 KW, Industrial, Diesel Generator Set (Generac SD)	31,919.55	1,865.71
		For Steel Weather Protective Housing, Add	*3,684.00*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*7,396.55*	
26 32 13 13-0036	EA	80 KW, Industrial, Diesel Generator Set (Generac SD)	38,442.60	2,186.48
		For Steel Weather Protective Housing, Add	*3,684.00*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*7,975.86*	
26 32 13 13-0037	EA	100 KW, Industrial, Diesel Generator Set (Generac SD)	40,129.98	2,513.80
		For Steel Weather Protective Housing, Add	*5,463.99*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*9,755.85*	
26 32 13 13-0038	EA	135 KW, Industrial, Diesel Generator Set (Generac SD)	49,811.13	3,076.79
		For Steel Weather Protective Housing, Add	*5,463.99*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*10,086.48*	
26 32 13 13-0039	EA	150 KW, Industrial, Diesel Generator Set (Generac SD)	52,487.53	3,319.01
		For Steel Weather Protective Housing, Add	*5,463.99*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*10,086.48*	
26 32 13 13-0040	EA	180 KW, Industrial, Diesel Generator Set (Generac SD)	59,650.77	3,764.16
		For Steel Weather Protective Housing, Add	*5,463.99*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*10,086.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0041	EA	200 KW, Industrial, Diesel Generator Set (Generac SD)	59,668.62	4,058.74
		For Steel Weather Protective Housing, Add	*6,852.24*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*11,474.74*	
26 32 13 13-0042	EA	230 KW, Industrial, Diesel Generator Set (Generac SD)	72,054.73	4,287.86
		For Steel Weather Protective Housing, Add	*6,852.24*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*18,450.39*	
26 32 13 13-0043	EA	250 KW, Industrial, Diesel Generator Set (Generac SD)	76,641.15	4,464.62
		For Steel Weather Protective Housing, Add	*6,852.24*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*18,450.39*	
26 32 13 13-0044	EA	275 KW, Industrial, Diesel Generator Set (Generac SD)	78,711.24	4,706.83
		For Steel Weather Protective Housing, Add	*10,438.00*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*22,036.15*	
26 32 13 13-0045	EA	300 KW, Industrial, Desel Generator Set (Generac SD)	86,252.30	4,916.32
		For Steel Weather Protective Housing, Add	*10,438.00*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*22,036.15*	
26 32 13 13-0046	EA	350 KW, Industrial, Diesel Generator Set (Generac SD)	93,641.67	5,498.94
		For Steel Weather Protective Housing, Add	*10,438.00*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*22,675.33*	
26 32 13 13-0047	EA	400 KW, Industrial, Diesel Generator Set (Generac SD)	100,603.46	5,891.72
		For Steel Weather Protective Housing, Add	*10,438.00*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*22,675.33*	
26 32 13 13-0048	EA	500 KW, Industrial, Diesel Generator Set (Generac SD)	111,920.70	6,912.95
		For Steel Weather Protective Housing, Add	*17,499.00*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*24,937.00*	
26 32 13 13-0049	EA	600 KW, Industrial, Diesel Generator Set (Generac SD)	150,638.70	7,613.41
		For Steel Weather Protective Housing, Add	*22,785.54*	
		For Level 1 Steel Weather/Sound Protective Housing, Add	*35,022.87*	

26 32 13 13-0050 Diesel Generator Sets (Kohler) *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277, 416/240 or 380/220 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0791 for loadbank rental, 01 22 23 00-0812 for fuel reimbursement, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0051	EA	80 KW Diesel Generator Set, 3 Phase (Kohler 80REOZJ)	29,386.18	2,186.48
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,762.70*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*12,126.66*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*17,590.20*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*23,453.60*	
26 32 13 13-0052	EA	100 KW Diesel Generator Set, 3 Phase (Kohler 100REOZJ)	30,915.14	2,539.98
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,224.00*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,704.79*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,939.72*	
26 32 13 13-0053	EA	125 KW Diesel Generator Set, 3 Phase (Kohler 125REOZJ)	38,783.63	3,011.32
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,224.00*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,704.79*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,939.72*	
26 32 13 13-0054	EA	150 KW Diesel Generator Set, 3 Phase (Kohler 150REOZJ)	40,146.64	3,319.01
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,224.00*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,704.79*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,939.72*	
26 32 13 13-0055	EA	200 KW Diesel Generator Set, 3 Phase (Kohler 200REOZJ)	47,657.19	4,058.74
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,224.00*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,704.79*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,939.72*	
26 32 13 13-0056	EA	250 KW Diesel Generator Set, 3 Phase (Kohler 250REOZJ)	58,963.22	4,464.62
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*46,849.44*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*51,875.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*69,167.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*56,821.34*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*63,411.68*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*84,548.90*	
26 32 13 13-0057	EA	300 KW Diesel Generator Set, 3 Phase (Kohler 300REOZJ)	64,620.01	4,916.32
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*46,849.44*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*51,875.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*69,167.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*56,821.34*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*63,411.68*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*84,548.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0058	EA	350 KW Diesel Generator Set, 3 Phase (Kohler 350REOZJ)	71,471.91	5,498.94
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*46,849.44*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*51,875.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*69,167.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*56,821.34*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*63,411.68*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*84,548.90*	
26 32 13 13-0059	EA	400 KW Diesel Generator Set, 3 Phase (Kohler 400REOZJ)	75,965.58	6,022.65
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*46,849.44*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*51,875.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*69,167.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*56,821.34*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*63,411.68*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*84,548.90*	
26 32 13 13-0060	EA	500 KW Diesel Generator Set, 3 Phase (Kohler 500REOZJ)	89,760.76	6,912.96
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*46,849.44*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*51,875.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*69,167.90*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*56,821.34*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*63,411.68*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*84,548.90*	
26 32 13 13-0061	EA	600 KW Diesel Generator Set, 3 Phase (Kohler 600REOZJ)	110,925.35	7,613.41
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*95,704.81*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*115,250.95*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*153,667.94*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*112,567.50*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*134,265.63*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*179,020.83*	
26 32 13 13-0062	EA	1,250 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	411,970.09	10,146.86
26 32 13 13-0063	EA	1,500 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	421,070.74	10,474.18
26 32 13 13-0064	EA	1,750 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	492,267.99	10,801.49
26 32 13 13-0065	EA	2,000 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	580,105.65	11,128.81
26 32 13 13-0066	EA	2,250 KW Diesel Generator Set, 3 Phase (Kohlar REOZDD)	660,285.03	11,456.13
26 32 13 13-0067	EA	2,500 KW Diesel Generator Set, 3 Phase (Kohlar REOZDB)	831,486.73	11,783.45
26 32 13 13-0068	EA	2,800 KW Diesel Generator Set, 3 Phase (Kohlar REOZDB)	1,002,688.44	12,110.77
26 32 13 13-0069	EA	3,000 KW Diesel Generator Set, 3 Phase (Kohlar REOZD)	1,146,998.46	12,765.39
26 32 13 13-0070	EA	3,250 KW Diesel Generator Set, 3 Phase (Kohlar REOZD)	1,224,341.84	13,420.04
26 32 13 13-0071	EA	4,000 KW Diesel Generator Set, 3 Phase (Caterpillar C175)	1,786,043.68	15,383.94

26 32 13 13-0072 Diesel Generator Sets (Taylor) *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel tank, enclosure, active diesel particulate filter, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0791 for loadbank rental, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0073	EA	9 KW Diesel Generator Set, 3 Phase (Taylor TD9)	23,393.56	784.78
26 32 13 13-0074	EA	13 KW Diesel Generator Set, 3 Phase (Taylor TD13)	24,052.56	885.20
26 32 13 13-0075	EA	20 KW Diesel Generator Set, 3 Phase (Taylor TD20)	25,170.61	987.85
26 32 13 13-0076	EA	28 KW Diesel Generator Set, 3 Phase (Taylor TD28)	27,955.22	1,108.04
26 32 13 13-0077	EA	30 KW Diesel Generator Set, 3 Phase (Taylor TD30)	29,247.04	1,168.52
26 32 13 13-0078	EA	55 KW Diesel Generator Set, 3 Phase (Taylor TD55)	32,738.07	1,744.61
26 32 13 13-0079	EA	60 KW Diesel Generator Set, 3 Phase (Taylor TD60)	35,510.01	1,865.71
26 32 13 13-0080	EA	80 KW Diesel Generator Set, 3 Phase (Taylor TD80)	38,146.76	2,186.48
26 32 13 13-0081	EA	100 KW Diesel Generator Set, 3 Phase (Taylor TD100)	39,625.29	2,539.98
26 32 13 13-0082	EA	125 KW Diesel Generator Set, 3 Phase (Taylor TD125)	52,724.82	3,011.32
26 32 13 13-0083	EA	140 KW Diesel Generator Set, 3 Phase (Taylor TD140)	53,609.89	3,165.17
26 32 13 13-0084	EA	150 KW Diesel Generator Set, 3 Phase (Taylor TD150)	54,549.81	3,319.01
26 32 13 13-0085	EA	175 KW Diesel Generator Set, 3 Phase (Taylor TD175)	58,132.78	3,705.24
26 32 13 13-0086	EA	200 KW Diesel Generator Set, 3 Phase (Taylor TD200)	60,810.95	4,058.74
26 32 13 13-0087	EA	250 KW Diesel Generator Set, 3 Phase (Taylor TD250)	73,782.54	4,464.62
26 32 13 13-0088	EA	300 KW Diesel Generator Set, 3 Phase (Taylor TD300)	83,595.05	4,916.32
26 32 13 13-0089	EA	350 KW Diesel Generator Set, 3 Phase (Taylor TD350)	91,287.32	5,498.94
26 32 13 13-0090	EA	400 KW Diesel Generator Set, 3 Phase (Taylor TD400)	93,696.46	6,022.65
26 32 13 13-0091	EA	450 KW Diesel Generator Set, 3 Phase (Taylor TD450)	101,134.74	6,487.44
26 32 13 13-0092	EA	500 KW Diesel Generator Set, 3 Phase (Taylor TD500)	106,342.22	6,912.95
26 32 13 13-0093	EA	550 KW Diesel Generator Set, 3 Phase (Taylor TD550)	109,387.47	7,263.19
26 32 13 13-0094	EA	600 KW Diesel Generator Set, 3 Phase (Taylor TD600)	134,684.63	7,613.41

26 32 13 13-0095 Diesel Particulate Filters *(26 32 13 13)*

26 32 13 13-0096	EA	Up To 50 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	34,639.82
26 32 13 13-0097	EA	>50 To 75 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	45,282.94
26 32 13 13-0098	EA	>75 To 100 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	54,867.49
26 32 13 13-0099	EA	>100 To 200 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	67,305.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0100	EA	>200 To 500 KW Diesel Generator, Active Diesel Particulate Filter With Stainless Steel Enclosure Note: Includes 304 stainless steel housing, CARB Level 3+ Verified, and 4KW rated. Requires 480 volt, 3 phase power to a supplied 20 amp CB.	79,115.54	

26 32 13 13-0101 Fuel Level Alarm And Float Switch *(26 32 13 13)*

26 32 13 13-0102	EA	Liquid Level Tank Alarm and 3 Level Float Switch (Cummins)	5,855.72	

26 32 13 19 Natural Gas-Engine-Driven Generator Sets *(26 32 13)*

26 32 13 19-0001 Natural Gas Or Propane Generator Sets (Cummins) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0791 for loadbank rental.

26 32 13 19-0002	EA	20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA)	13,590.58	877.21
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,331.75*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*4,691.60*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*7,783.81*	
26 32 13 19-0003	EA	25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB)	15,349.36	1,047.42
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,331.75*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*4,691.60*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*7,783.81*	
26 32 13 19-0004	EA	29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC)	17,688.29	1,165.25
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,331.75*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*4,691.60*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*7,783.81*	
26 32 13 19-0005	EA	35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA)	20,041.84	1,289.64
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,331.75*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*13,270.67*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	
26 32 13 19-0006	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB)	22,469.79	1,414.01
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,331.75*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*13,270.67*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	
26 32 13 19-0007	EA	45 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPC)	24,340.04	1,525.30
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,331.75*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*13,270.67*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	
26 32 13 19-0008	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE)	26,668.55	1,865.71
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,331.75*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*13,270.67*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	
26 32 13 19-0009	EA	70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF)	28,629.26	2,088.29
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,331.75*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*13,270.67*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	
26 32 13 19-0010	EA	85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG)	37,409.31	2,232.31
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*7,894.87*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	
26 32 13 19-0011	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH)	45,006.45	2,513.80
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*7,894.87*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	
26 32 13 19-0012	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLA)	51,593.41	3,011.32
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*7,894.87*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0013	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB)	61,224.70	3,319.01
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*7,894.87*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	
26 32 13 19-0014	EA	175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA)	98,510.01	8,828.29
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*42,131.18*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*46,637.85*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*62,183.80*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*46,065.28*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*69,125.69*	
26 32 13 19-0015	EA	205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB)	111,754.77	3,986.73
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*42,131.18*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*46,637.85*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*62,183.80*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*46,065.28*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*69,125.69*	
26 32 13 19-0016	EA	250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC)	120,207.35	4,464.62
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*42,131.18*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*46,637.85*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*62,183.80*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*46,065.28*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*69,125.69*	
26 32 13 19-0017	EA	300 KW Natural Gas Generator Set, 3 Phase (Cummins GFEA)	155,194.53	4,916.32
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*42,131.18*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*46,637.85*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*62,183.80*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*46,065.28*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*69,125.69*	
26 32 13 19-0018	EA	350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB)	166,627.99	5,498.94
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*42,131.18*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*46,637.85*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*62,183.80*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*46,065.28*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*69,125.69*	
26 32 13 19-0019	EA	450 KW Natural Gas Generator Set, 3 Phase (Cummins GFGA)	233,719.28	6,487.44
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*91,995.06*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*97,744.06*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*130,325.41*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*104,490.46*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*147,681.25*	
26 32 13 19-0020	EA	500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB)	298,611.88	6,912.95
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*91,995.06*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*97,744.06*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*130,325.41*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*104,490.46*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*147,681.25*	
26 32 13 19-0021	EA	550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC)	333,993.39	7,286.09
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*91,995.06*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*97,744.06*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*130,325.41*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*104,490.46*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*147,681.25*	
26 32 13 19-0022	EA	600 KW Natural Gas Generator Set, 3 Phase (Cummins GFLA)	380,220.14	7,613.41
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*91,995.06*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*97,744.06*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*130,325.41*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*104,490.46*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*147,681.25*	
26 32 13 19-0023	EA	650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLB)	397,532.98	7,901.46
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*91,995.06*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*97,744.06*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*130,325.41*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*104,490.46*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*147,681.25*	
26 32 13 19-0024	EA	725 KW Natural Gas Generator Set, 3 Phase (Cummins GFLC)	420,483.91	8,444.81
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*91,995.06*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*97,744.06*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*130,325.41*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*104,490.46*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*147,681.25*	

26 32 13 19-0025 Natural Gas Or Propane Generator Sets (Generac QTA) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes startup and training. Excludes fuel, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0791 for loadbank rental, 01 22 23 00-0812 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0026	EA	25 KW, Commercial, Natural Gas Generator Set (Generac QTA)	16,946.26	1,047.42
		For Steel Weather Protective Housing, Add	*1,148.18*	
		For Aluminum Weather Protective Housing, Add	*1,783.06*	
26 32 13 19-0027	EA	55 KW, Commercial, Natural Gas Generator Set (Generac QTA)	25,188.07	1,747.88
		For Steel Weather Protective Housing, Add	*1,628.33*	
		For Aluminum Weather Protective Housing, Add	*2,095.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0028	EA	70 KW, Commercial, Natural Gas Generator Set (Generac QTA)	28,289.58	2,088.29
		For Steel Weather Protective Housing, Add	*2,106.02*	
		For Aluminum Weather Protective Housing, Add	*2,093.43*	
26 32 13 19-0029	EA	80 KW, Commercial, Natural Gas Generator Set (Generac QTA)	29,783.36	2,186.48
		For Steel Weather Protective Housing, Add	*1,628.33*	
		For Aluminum Weather Protective Housing, Add	*2,451.70*	
26 32 13 19-0030	EA	100 KW, Commercial, Natural Gas Generator Set (Generac QTA)	36,377.83	2,513.80
		For Steel Weather Protective Housing, Add	*2,106.02*	
		For Aluminum Weather Protective Housing, Add	*2,256.45*	
26 32 13 19-0031	EA	130 KW, Commercial, Natural Gas Generator Set (Generac QTA)	42,056.69	2,998.23
		For Steel Weather Protective Housing, Add	*2,106.02*	
		For Aluminum Weather Protective Housing, Add	*1,857.66*	
26 32 13 19-0032	EA	150 KW, Commercial, Natural Gas Generator Set (Generac QTA)	47,479.13	3,319.01
		For Steel Weather Protective Housing, Add	*2,106.02*	
		For Aluminum Weather Protective Housing, Add	*1,808.84*	

26 32 13 19-0033 Natural Gas Or Propane Generator Sets (Generac SG) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes startup and training. Excludes fuel, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0791 for loadbank rental, 01 22 23 00-0812 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0034	EA	35 KW, Industrial, Natural Gas Or Propane Generator Set (Generac SG)	19,964.98	1,289.64
		For Steel Weather Protective Housing, Add	*3,499.80*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*6,267.40*	
26 32 13 19-0035	EA	40 KW, Industrial, Natural Gas Or Propane Generator Set (Generac SG)	22,414.02	1,414.01
		For Steel Weather Protective Housing, Add	*3,499.80*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*6,267.40*	
26 32 13 19-0036	EA	45 KW, Industrial, Natural Gas Or Propane Generator Set (Generac SG)	23,340.23	1,525.30
		For Steel Weather Protective Housing, Add	*3,499.80*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*6,267.40*	
26 32 13 19-0037	EA	70 KW, Industrial, Natural Gas Generator Set (Generac SG)	31,070.69	2,088.29
		For Steel Weather Protective Housing, Add	*2,106.02*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*8,752.26*	
26 32 13 19-0038	EA	100 KW, Industrial, Natural Gas Generator Set (Generac SG)	37,072.87	2,513.80
		For Steel Weather Protective Housing, Add	*2,106.02*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*8,752.26*	
26 32 13 19-0039	EA	130 KW, Industrial, Natural Gas Generator Set (Generac SG)	44,777.94	2,998.23
		For Steel Weather Protective Housing, Add	*2,106.02*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*8,752.26*	
26 32 13 19-0040	EA	150 KW, Industrial, Natural Gas Generator Set (Generac SG)	74,323.21	3,319.01
		For Steel Weather Protective Housing, Add	*9,210.00*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*16,789.83*	
26 32 13 19-0041	EA	175 KW, Industrial, Natural Gas Generator Set (Generac SG)	82,627.63	3,705.24
		For Steel Weather Protective Housing, Add	*9,210.00*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*16,789.83*	
26 32 13 19-0042	EA	200 KW, Industrial, Natural Gas Generator Set (Generac SG)	87,508.61	4,058.74
		For Steel Weather Protective Housing, Add	*9,210.00*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*16,789.83*	
26 32 13 19-0043	EA	250 KW, Industrial, Natural Gas Generator Set (Generac SG)	125,909.12	4,464.62
		For Steel Weather Protective Housing, Add	*9,210.00*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*16,789.83*	
26 32 13 19-0044	EA	275 KW, Industrial, Natural Gas Generator Set (Generac SG)	128,432.65	4,706.83
		For Steel Weather Protective Housing, Add	*9,210.00*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*16,789.83*	
26 32 13 19-0045	EA	300 KW, Industrial, Natural Gas Generator Set (Generac SG)	131,007.68	4,916.32
		For Steel Weather Protective Housing, Add	*9,210.00*	
		For Level 2 Steel Weather/Sound Protective Housing, Add	*16,789.83*	

26 32 13 19-0046 Natural Gas Or Propane Generator Sets (Taylor) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel tank, enclosure, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0791 for loadbank rental, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0047	EA	30 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG30)	25,490.73	1,168.52
26 32 13 19-0048	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG40)	27,777.00	1,400.92
26 32 13 19-0049	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG60)	28,983.89	1,865.71
26 32 13 19-0050	EA	80 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG80)	43,063.46	2,186.48
26 32 13 19-0051	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG100)	46,843.65	2,539.98
26 32 13 19-0052	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG125)	61,407.17	3,011.32
26 32 13 19-0053	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG150)	64,345.49	3,319.01
26 32 13 19-0054	EA	200 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG200)	106,417.57	4,058.74
26 32 13 19-0055	EA	250 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG250)	148,802.93	4,464.62
26 32 13 19-0056	EA	350 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG350)	181,428.57	5,498.94
26 32 13 19-0057	EA	400 KW Natural Gas Or Propane Generator Set, 3 Phase (Taylor TG400)	216,286.76	6,022.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0058		Natural Gas Or Propane Generator Sets (Kohler KG) *(26 32 13 19)*		
		Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes startup and training. Excludes fuel, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0791 for loadbank rental, 01 22 23 00-0812 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switches.		
26 32 13 19-0059	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG40)	19,287.02	1,414.01
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,331.75*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*13,270.67*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	
26 32 13 19-0060	EA	45 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG45)	20,371.41	1,525.30
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,331.75*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*13,270.67*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	
26 32 13 19-0061	EA	50 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG50)	21,925.89	1,636.59
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,331.75*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*13,270.67*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	
26 32 13 19-0062	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG60)	23,089.27	1,865.71
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,331.75*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,207.54*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*14,943.39*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*13,270.67*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	
26 32 13 19-0063	EA	80 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG80)	27,716.34	2,232.31
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*7,894.87*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	
26 32 13 19-0064	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG100)	31,217.36	2,513.80
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*7,894.87*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	
26 32 13 19-0065	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG125)	35,514.30	3,011.32
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*7,894.87*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	
26 32 13 19-0066	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Kohler KG150)	42,427.24	3,319.01
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*7,894.87*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*17,135.37*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*22,847.16*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*15,558.72*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*22,274.03*	
26 32 13 19-0067	EA	180 KW Natural Gas Generator Set, 3 Phase (Kohler KG180)	61,486.03	8,828.29
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*42,131.18*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*46,637.85*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*62,183.80*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*46,065.28*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*69,125.69*	
26 32 13 19-0068	EA	200 KW Natural Gas Generator Set, 3 Phase (Kohler KG200)	69,877.52	3,986.73
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*42,131.18*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*46,637.85*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*62,183.80*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*46,065.28*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*69,125.69*	
26 32 13 19-0069		Small Natural Gas Or Propane Air Cooled Generator Sets *(26 32 13 19)*		
26 32 13 19-0070	EA	7.5 KW Natural Gas Or Propane Air Cooled Generator Set	4,609.21	558.97
		Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch.		
26 32 13 19-0071	EA	10 KW Natural Gas Or Propane Air Cooled Generator Set	5,797.94	621.08
		Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.		
26 32 13 19-0072	EA	14 KW Natural Gas Or Propane Air Cooled Generator Set	6,681.45	683.19
		Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.		
26 32 29		**Rotary Converters** *(26 32)*		
26 32 29 00-0001		60 Hz AC Input 230 Or 460 Volt, 125 Volt DC Output *(26 32 29)*		
26 32 29 00-0002	EA	3 KW, 24 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	9,417.53	241.91
26 32 29 00-0003	EA	5 KW, 40 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	11,472.51	241.91
26 32 29 00-0004	EA	7.5 KW, 60 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	15,199.88	241.91
26 32 29 00-0005	EA	10 KW, 80 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	15,319.49	241.91
26 32 29 00-0006	EA	15 KW, 120 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	17,004.64	302.38

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 29 00-0007	EA	20 KW, 160 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	18,416.61	302.38
26 32 29 00-0008	EA	25 KW, 200 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	19,284.88	302.38
26 32 29 00-0009	EA	40 KW, 320 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	23,482.98	399.14
26 32 29 00-0010	EA	50 KW, 400 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	26,100.63	399.14
26 32 29 00-0011		60 Hz AC Input, 230 Or 460 Volt, 250 Volts DC Output *(26 32 29)*		
26 32 29 00-0012	EA	3 KW, 12 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	10,905.23	241.91
26 32 29 00-0013	EA	5 KW, 20 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	13,005.29	241.91
26 32 29 00-0014	EA	7.5 KW, 30 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	14,876.19	241.91
26 32 29 00-0015	EA	10 KW, 40 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	15,289.14	241.91
26 32 29 00-0016	EA	15 KW, 60 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	17,317.06	302.38
26 32 29 00-0017	EA	20 KW, 80 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	19,045.50	302.38
26 32 29 00-0018	EA	25 KW, 100 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	19,674.39	302.38
26 32 29 00-0019	EA	40 KW, 160 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	23,389.66	399.14
26 32 29 00-0020	EA	50 KW, 200 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	24,813.79	399.14
26 32 29 00-0021		460 Volt 3 Phase AC Motor Drive 250 Volt DC *(26 32 29)*		
26 32 29 00-0022	EA	33 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	27,251.55	4,582.45
26 32 29 00-0023	EA	40 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	30,198.04	4,582.45
26 32 29 00-0024	EA	50 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	34,334.06	6,546.36
26 32 29 00-0025	EA	65 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	40,089.28	6,546.36
26 32 29 00-0026	EA	85 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	45,522.29	6,546.36
26 32 29 00-0027	EA	100 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	53,409.27	9,819.54
26 32 29 00-0028	EA	125 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	64,690.12	9,819.54
26 32 29 00-0029		4,160 Volt 3 Phase AC Motor Drive 250 Or 500 Volt DC *(26 32 29)*		
26 32 29 00-0030	EA	170 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	94,736.42	13,092.72
26 32 29 00-0031	EA	200 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	103,220.84	13,092.72
26 32 29 00-0032	EA	240 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	124,190.98	17,020.53
26 32 29 00-0033	EA	320 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	141,159.66	20,686.49
26 32 29 00-0034	EA	400 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	167,270.11	20,686.49
26 32 29 00-0035	EA	560 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	237,295.06	30,898.81
26 32 29 00-0036	EA	640 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	245,429.45	30,898.81
26 32 29 00-0037	EA	800 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	282,669.32	36,004.97

26 33 Battery Equipment *(26 30)*

26 33 13 Batteries *(26 33)*

26 33 13 00-0001 Standby Batteries *(26 33 13)*

26 33 13 00-0002	EA	12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery	1,153.57	30.29
26 33 13 00-0003	EA	12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket	1,246.19	30.29
26 33 13 00-0004	EA	725CCA, Group 31, 12 Volt Lead Calcium Standby Battery	344.43	30.29
26 33 13 00-0005	EA	810CCA, Group 24, 12 Volt Lead Calcium Standby Battery	313.21	30.29
26 33 13 00-0006	EA	1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery	535.82	30.29
26 33 13 00-0007	EA	1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery	622.08	30.29

26 33 43 Battery Chargers *(26 33)*

26 33 43 00-0001 Solid State Chargers, Single Phase *(26 33 43)*

Note: Includes wall bracket, 10' of DC charging cable and standard connector, 208/240/480 V.

26 33 43 00-0002	EA	Solid State Battery Charger, 6 Cell Single Phase With Wall Bracket, 208/240/480 Volt	3,292.36	690.65
26 33 43 00-0003	EA	Solid State Battery Charger, 9 Cell Single Phase With Wall Bracket, 208/240/480 Volt	3,843.92	690.65
26 33 43 00-0004	EA	Solid State Battery Charger, 12 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,231.64	690.65
26 33 43 00-0005	EA	Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,477.04	817.73

26 33 53 Static Uninterruptible Power Supply *(26 33)*

26 33 53 00-0001 Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53)*

26 33 53 00-0002 Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53 00-0001)*

26 33 53 00-0003 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)*

Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

26 33 53 00-0004	EA	0.5 kVA, 450 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-500RT120) Note: Includes 12 minutes of battery backup at full load.	1,107.96	119.75
26 33 53 00-0005	EA	0.7 kVA, 630 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT120) Note: Includes 6 minutes of battery backup at full load.	1,322.86	139.70
26 33 53 00-0006	EA	1 kVA, 900 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT120) Note: Includes 5 minutes of battery backup at full load.	1,628.24	159.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0007	EA	1.5 KVA, 1,350 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT120) Note: Includes 5 minutes of battery backup at full load.	1,986.24	179.62
26 33 53 00-0008	EA	2 KVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT120) Note: Includes 4 minutes of battery backup at full load.	2,543.09	199.57
26 33 53 00-0009	EA	3 KVA, 2,700 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT120) Note: Includes 4 minutes of battery backup at full load.	4,080.83	239.49
26 33 53 00-0010		**208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)** *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0011	EA	3 KVA, 2,700 Watt, 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT208) Note: Includes 4 minutes of battery backup at full load.	4,006.50	239.49
26 33 53 00-0012		**120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)** *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 50 or 60 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0013	EA	5 KVA, 4,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT208) Note: Includes 5 minutes of battery backup at full load.	6,171.29	319.32
26 33 53 00-0014	EA	6 KVA, 4,800 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT208) Note: Includes 4 minutes of battery backup at full load.	6,750.62	359.24
26 33 53 00-0015	EA	8 KVA, 7,200 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-8000RT208) Note: Includes 7 minutes of battery backup at full load.	10,076.21	439.06
26 33 53 00-0016	EA	10 KVA, 9,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT208) Note: Includes 4-1/2 minutes of battery backup at full load.	11,578.02	478.97
26 33 53 00-0017		**230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)** *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0018	EA	0.7 KVA, 630 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT230) Note: Includes 11 minutes of battery backup at full load.	1,322.86	139.70
26 33 53 00-0019	EA	1 KVA, 900 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT230) Note: Includes 6 minutes of battery backup at full load.	1,628.24	159.65
26 33 53 00-0020	EA	1.5 KVA, 1,350 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT230) Note: Includes 4 minutes of battery backup at full load.	2,008.20	179.62
26 33 53 00-0021	EA	2 KVA, 1,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT230) Note: Includes 4 minutes of battery backup at full load.	2,548.39	199.57
26 33 53 00-0022	EA	3 KVA, 2,700 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT230) Note: Includes 4 minutes of battery backup at full load.	4,097.33	239.49
26 33 53 00-0023	EA	5 KVA, 4,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT230) Note: Includes 9 minutes of battery backup at full load.	5,923.07	319.32
26 33 53 00-0024	EA	6 KVA, 4,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT230) Note: Includes 6 minutes of battery backup at full load.	7,266.68	359.24
26 33 53 00-0025	EA	10 KVA, 9,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT230) Note: Includes 3 minutes of battery backup at full load.	11,223.19	478.97
26 33 53 00-0026		**Optional Accessories For Single Phase, Uninterruptible Power Supply Systems** *(26 33 53 00-0001)*		
26 33 53 00-0027	EA	External Battery Cabinet For 0.5 To 2 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-48VBATT) Note: Rack mount or tower configuration.	724.77	36.29
26 33 53 00-0028	EA	External Battery Cabinet For 3 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-72VBATT) Note: Rack mount or tower configuration.	948.05	36.29
26 33 53 00-0029	EA	External Battery Cabinet For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATT) Note: Rack mount or tower configuration.	923.20	36.29
26 33 53 00-0030	EA	External Battery Cabinet For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTVBATT) Note: Rack mount or tower configuration.	628.59	36.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0031	EA	Internal Replacement Battery For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATKIT)	944.65	119.75
26 33 53 00-0032	EA	Internal Replacement Battery For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTBKIT)	1,065.60	159.65
26 33 53 00-0033		**Three Phase, Uninterruptible Power Supply Systems (UPS)** *(26 33 53)*		
26 33 53 00-0034		**208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) With Internal Battery** *(26 33 53 00-0033)*		
		Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.		
26 33 53 00-0035	EA	10 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	40,065.22	478.97
26 33 53 00-0036	EA	15 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	44,373.10	638.63
26 33 53 00-0037	EA	20 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	49,613.68	798.29
26 33 53 00-0038	EA	30 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	53,828.29	957.95
26 33 53 00-0039	EA	40 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	64,758.35	1,117.61
26 33 53 00-0040		**208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery** *(26 33 53 00-0033)*		
		Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.		
26 33 53 00-0041	EA	60 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	87,893.57	1,905.01
26 33 53 00-0042	EA	80 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	95,646.91	2,358.58
26 33 53 00-0043	EA	100 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	105,810.36	2,751.69
26 33 53 00-0044	EA	120 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	130,572.06	3,114.54
26 33 53 00-0045	EA	140 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	135,605.66	3,477.40
26 33 53 00-0046	EA	160 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	140,949.73	3,840.27
26 33 53 00-0047	EA	180 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	147,413.04	4,203.12
26 33 53 00-0048	EA	200 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	153,876.36	4,565.98
26 33 53 00-0049		**480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery** *(26 33 53 00-0033)*		
		Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.		
26 33 53 00-0050	EA	50 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	82,035.45	1,572.39
26 33 53 00-0051	EA	100 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	106,369.98	2,763.78
26 33 53 00-0052	EA	150 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	145,290.83	3,193.16
26 33 53 00-0053	EA	200 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	171,078.49	3,507.64
26 33 53 00-0054	EA	250 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	200,037.34	3,870.50
26 33 53 00-0055		**Optional Accessories For Three Phase, Uninterruptible Power Supply Systems** *(26 33 53 00-0033)*		
26 33 53 00-0056	EA	Programmable Relay Board For Three Phase Uninterruptible Power Supply Systems	649.77	60.47
26 33 53 00-0057	EA	Network Interface Card For Three Phase Uninterruptible Power Supply Systems	1,041.51	60.47
26 33 53 00-0058	EA	Remote Status Panel With 100' Of Cable For Three Phase Uninterruptible Power Supply Systems	2,014.03	120.96
26 33 53 00-0059	EA	Slim Line Distribution Panel With Two 42 Pole Panels For Three Phase Uninterruptible Power Supply Systems	6,293.07	483.81
26 33 53 00-0060	EA	12 Volt, 491 Watt, 3 Phase, 134 Ampere Hours, Battery For Uninterruptible Power Supply Systems (C&D UPS12-490MR)	609.69	60.47
26 33 53 00-0061	EA	12 Volt, 204 Watt, 3 Phase, 55 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX200)	332.97	60.47
26 33 53 00-0062	EA	12 Volt, 257 Watt, 3 Phase, 65 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX250)	373.35	60.47
26 33 53 00-0063	EA	12 Volt, 311 Watt, 3 Phase, 75 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX300)	413.73	60.47
26 33 53 00-0064	EA	12 Volt, 374 Watt, 3 Phase, 90 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX350)	486.41	60.47
26 33 53 00-0065	EA	12 Volt, 415 Watt, 3 Phase, 100 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX400)	510.64	60.47
26 33 53 00-0066	EA	12 Volt, 493 Watt, 3 Phase, 135 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX500)	635.82	60.47
26 33 53 00-0067	EA	12 Volt, 540 Watt, 3 Phase, 150 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX540)	666.10	60.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0068		Other Uninterruptable Power Supply Equipment *(26 33 53)*		
26 33 53 00-0069	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 42 Pole GE Plug-In	5,970.55	110.50
26 33 53 00-0070	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 84 Pole GE Plug-In	7,182.85	221.01
26 33 53 00-0071	EA	1 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel	31.10	6.63
26 33 53 00-0072	EA	2 Pole, 15 To 40 Amperes, GE Plug-In Breakers For UPS Distribution Panel	56.22	8.29
26 33 53 00-0073	EA	2 Pole, 50 To 80 Amperes, GE Plug-In Breakers For UPS Distribution Panel	105.79	8.29
26 33 53 00-0074	EA	3 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel	154.93	11.05
26 33 53 00-0075	EA	3 Pole, 70 To 100 Amperes, GE Plug-In Breakers For UPS Distribution Panel	220.36	11.05
26 33 53 00-0076	EA	Uninterrupted Power Supply Remote Status Panel	4,087.08	110.50
26 33 53 00-0077	EA	Uninterrupted Power Supply Remote Contact Board	1,355.30	82.88

26 35 Power Filters and Conditioners *(26 30)*

26 35 33 Power Factor Correction Equipment *(26 35)*

26 35 33 16 Low-Voltage Power Factor Correction Equipment *(26 35 33)*

26 35 33 16-0001		Power Factor Correction Capacitors *(26 35 33 16)*		
26 35 33 16-0002	EA	Power Factor Correction Capacitors, 2.0 KVAC	735.45	
26 35 33 16-0003	EA	Power Factor Correction Capacitors, 3.0 KVAC	814.53	
26 35 33 16-0004	EA	Power Factor Correction Capacitors, 4.0 KVAC	893.61	
26 35 33 16-0005	EA	Power Factor Correction Capacitors, 5.0 KVAC	969.53	
26 35 33 16-0006	EA	Power Factor Correction Capacitors, 7.5 KVAC	1,190.95	
26 35 33 16-0007	EA	Power Factor Correction Capacitors, 10.0 KVAC	1,455.08	
26 35 33 16-0008	EA	Power Factor Correction Capacitors, 15.0 KVAC	2,247.47	
26 35 33 16-0009	EA	Power Factor Correction Capacitors, 20.0 KVAC	2,729.86	
26 35 33 16-0010	EA	Power Factor Correction Capacitors, 25.0 KVAC	3,526.99	
26 35 33 16-0011	EA	Power Factor Correction Capacitors, 30.0 KVAC	4,010.96	
26 35 33 16-0012	EA	Power Factor Correction Capacitors, 50.0 KVAC	7,038.17	
26 35 33 16-0013	EA	Power Factor Correction Capacitors, 75.0 KVAC	10,582.55	
26 35 33 16-0014	EA	Power Factor Correction Capacitors, 100.0 KVAC	14,111.13	
26 35 33 16-0015	EA	Power Factor Correction Capacitors, Fuse Kit	654.79	

26 35 43 Static-Frequency Converters *(26 35)*

26 35 43 00-0001		Rotary Phase Converter With NEMA 1 Indoor Enclosure *(26 35 43)*		
26 35 43 00-0002	EA	750 Watt Output Rotary Phase Converter With NEMA 1 Enclosure	693.07	120.96
26 35 43 00-0003	EA	2 KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,205.37	145.14
26 35 43 00-0004	EA	3 KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,382.21	193.53
26 35 43 00-0005	EA	5 KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,897.35	241.91
26 35 43 00-0006	EA	7 KW Output Rotary Phase Converter With NEMA 1 Enclosure	2,612.66	314.48
26 35 43 00-0007	EA	11 KW Output Rotary Phase Converter With NEMA 1 Enclosure	3,375.49	387.05
26 35 43 00-0008	EA	15 KW Output Rotary Phase Converter With NEMA 1 Enclosure	4,233.35	459.62
26 35 43 00-0009	EA	21 KW Output Rotary Phase Converter With NEMA 1 Enclosure	5,162.03	520.10
26 35 43 00-0010	EA	29 KW Output Rotary Phase Converter With NEMA 1 Enclosure	5,997.43	628.95
26 35 43 00-0011	EA	36 KW Output Rotary Phase Converter With NEMA 1 Enclosure	6,867.38	707.58
26 35 43 00-0012	EA	44 KW Output Rotary Phase Converter With NEMA 1 Enclosure	7,737.33	786.19
26 35 43 00-0013	EA	55 KW Output Rotary Phase Converter With NEMA 1 Enclosure	9,608.11	949.48
26 35 43 00-0014	EA	74 KW Output Rotary Phase Converter With NEMA 1 Enclosure	12,489.64	1,143.01
26 35 43 00-0015	EA	87 KW Output Rotary Phase Converter With NEMA 1 Enclosure	15,836.38	1,390.96
26 35 43 00-0016	EA	110 KW Output Rotary Phase Converter With NEMA 1 Enclosure	18,113.63	1,626.82
26 35 43 00-0017	EA	125 KW Output Rotary Phase Converter With NEMA 1 Enclosure	23,335.04	1,814.30
26 35 43 00-0018	EA	165 KW Output Rotary Phase Converter With NEMA 1 Enclosure	35,697.36	2,056.20
26 35 43 00-0019	EA	220 KW Output Rotary Phase Converter With NEMA 1 Enclosure	53,286.22	2,298.11

26 35 53 Voltage Regulators *(26 35)*

26 35 53 00-0001		Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase *(26 35 53)*		
		Note: For diesel motor generator sets mounted in switchgear cabinet.		
26 35 53 00-0002	EA	50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	7,077.46	1,923.15
26 35 53 00-0003	EA	75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	8,078.24	2,419.06
26 35 53 00-0004	EA	100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	8,999.78	2,878.69

26 36 Transfer Switches *(26 30)*

26 36 13 Manual Transfer Switches *(26 36)*

26 36 13 00-0001		Fused Manual Transfer Switches *(26 36 13)*		
26 36 13 00-0002	EA	30 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt	1,370.45	211.67
26 36 13 00-0003	EA	60 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt	1,596.33	262.95
26 36 13 00-0004		Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 13)*		
26 36 13 00-0005	EA	40 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40)	3,424.98	310.54
		For NEMA 3R Enclosure, Add	*1,103.40*	
		For NEMA 12 Enclosure, Add	*1,038.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 13 00-0006	EA	70 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70)	3,791.97	372.65
		For NEMA 3R Enclosure, Add	*1,103.40*	
		For NEMA 12 Enclosure, Add	*1,038.49*	
26 36 13 00-0007	EA	125 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125)	4,302.96	434.75
		For NEMA 3R Enclosure, Add	*1,103.40*	
		For NEMA 12 Enclosure, Add	*1,038.49*	
26 36 13 00-0008	EA	150 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150)	5,346.79	496.86
		For NEMA 3R Enclosure, Add	*1,298.12*	
		For NEMA 12 Enclosure, Add	*1,038.49*	
26 36 13 00-0009	EA	225 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225)	6,623.38	558.97
		For NEMA 3R Enclosure, Add	*1,298.12*	
		For NEMA 12 Enclosure, Add	*1,038.49*	
26 36 13 00-0010	EA	260 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260)	7,447.37	621.08
		For NEMA 3R Enclosure, Add	*1,298.12*	
		For NEMA 12 Enclosure, Add	*1,038.49*	
26 36 13 00-0011	EA	300 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300)	8,284.46	683.19
		For NEMA 3R Enclosure, Add	*1,531.77*	
		For NEMA 12 Enclosure, Add	*1,298.12*	
26 36 13 00-0012	EA	400 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400)	9,732.08	745.29
		For NEMA 3R Enclosure, Add	*1,531.77*	
		For NEMA 12 Enclosure, Add	*1,298.12*	
26 36 13 00-0013	EA	600 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600)	12,876.48	931.62
		For NEMA 3R Enclosure, Add	*1,531.77*	
		For NEMA 12 Enclosure, Add	*1,298.12*	
26 36 13 00-0014	EA	800 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800)	14,479.70	1,117.95
		For NEMA 3R Enclosure, Add	*1,882.26*	
		For NEMA 12 Enclosure, Add	*1,817.36*	
26 36 13 00-0015	EA	1,000 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000)	19,288.43	1,571.13
		For NEMA 3R Enclosure, Add	*1,882.26*	
		For NEMA 12 Enclosure, Add	*1,817.36*	

26 36 23 Automatic Transfer Switches *(26 36)*

26 36 23 00-0001 Automatic Transfer Switch *(26 36 23)*

26 36 23 00-0002 Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

Note: Programmable, 120/240 volt single phase, 3 wire.

26 36 23 00-0003	EA	100 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	3,078.87	434.75
26 36 23 00-0004	EA	225 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	4,191.85	558.97
26 36 23 00-0005	EA	400 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	6,677.81	745.29
26 36 23 00-0006	EA	600 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	10,889.04	931.62

26 36 23 00-0007 Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

26 36 23 00-0008	EA	40 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40)	5,122.07	310.54
		For NEMA 3R Enclosure, Add	*1,103.40*	
		For NEMA 4 Enclosure, Add	*1,168.30*	
		For NEMA 12 Enclosure, Add	*1,168.30*	
26 36 23 00-0009	EA	70 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70)	5,911.53	372.65
		For NEMA 3R Enclosure, Add	*1,103.40*	
		For NEMA 4 Enclosure, Add	*1,168.30*	
		For NEMA 12 Enclosure, Add	*1,168.30*	
26 36 23 00-0010	EA	125 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC125)	6,495.13	434.75
		For NEMA 3R Enclosure, Add	*1,103.40*	
		For NEMA 4 Enclosure, Add	*1,168.30*	
		For NEMA 12 Enclosure, Add	*1,168.30*	
26 36 23 00-0011	EA	150 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150)	7,729.73	496.86
		For NEMA 3R Enclosure, Add	*1,298.12*	
		For NEMA 4 Enclosure, Add	*1,687.54*	
		For NEMA 12 Enclosure, Add	*1,168.30*	
26 36 23 00-0012	EA	225 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC225)	8,827.46	558.97
		For NEMA 3R Enclosure, Add	*1,298.12*	
		For NEMA 4 Enclosure, Add	*1,687.54*	
		For NEMA 12 Enclosure, Add	*1,168.30*	
26 36 23 00-0013	EA	260 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260)	9,740.70	621.08
		For NEMA 3R Enclosure, Add	*1,298.12*	
		For NEMA 4 Enclosure, Add	*1,687.54*	
		For NEMA 12 Enclosure, Add	*1,168.30*	
26 36 23 00-0014	EA	300 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC300)	10,173.15	683.19
		For NEMA 3R Enclosure, Add	*1,531.77*	
		For NEMA 4 Enclosure, Add	*1,817.36*	
		For NEMA 12 Enclosure, Add	*1,298.12*	
26 36 23 00-0015	EA	400 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400)	11,508.90	745.29
		For NEMA 3R Enclosure, Add	*1,531.77*	
		For NEMA 4 Enclosure, Add	*1,817.36*	
		For NEMA 12 Enclosure, Add	*1,298.12*	
26 36 23 00-0016	EA	600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600)	15,785.10	931.62
		For NEMA 3R Enclosure, Add	*1,531.77*	
		For NEMA 4 Enclosure, Add	*1,817.36*	
		For NEMA 12 Enclosure, Add	*1,298.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0017	EA	800 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800)	17,691.79	1,117.95
		For NEMA 3R Enclosure, Add	*1,882.26*	
		For NEMA 4 Enclosure, Add	*2,076.99*	
		For NEMA 12 Enclosure, Add	*1,817.36*	
26 36 23 00-0018	EA	1,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000)	23,043.20	1,571.13
		For NEMA 3R Enclosure, Add	*1,882.26*	
		For NEMA 4 Enclosure, Add	*2,076.99*	
		For NEMA 12 Enclosure, Add	*1,817.36*	
26 36 23 00-0019	EA	1,200 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200)	29,959.96	1,702.05
		For NEMA 3R Enclosure, Add	*4,153.96*	
		For NEMA 4 Enclosure, Add	*2,336.60*	
		For NEMA 12 Enclosure, Add	*1,947.17*	
26 36 23 00-0020	EA	1,600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600)	31,917.78	1,963.91
		For NEMA 3R Enclosure, Add	*6,750.17*	
		For NEMA 4 Enclosure, Add	*8,307.90*	
		For NEMA 12 Enclosure, Add	*6,750.17*	
26 36 23 00-0021	EA	2,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000)	36,497.14	2,225.76
		For NEMA 3R Enclosure, Add	*6,750.17*	
		For NEMA 4 Enclosure, Add	*8,307.90*	
		For NEMA 12 Enclosure, Add	*6,750.17*	
26 36 23 00-0022	EA	3,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000)	44,069.57	2,749.47
		For NEMA 3R Enclosure, Add	*6,750.17*	
26 36 23 00-0023	EA	4,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000)	76,729.72	3,273.18
		For NEMA 3R Enclosure, Add	*12,513.77*	
26 36 23 00-0024		**Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure** *(26 36 23 00-0001)*		
26 36 23 00-0025	EA	150 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150)	25,351.67	2,360.10
		For NEMA 3R Enclosure, Add	*2,271.70*	
		For NEMA 4 Enclosure, Add	*2,336.60*	
		For NEMA 12 Enclosure, Add	*1,233.22*	
26 36 23 00-0026	EA	225 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225)	26,459.58	2,484.32
		For NEMA 3R Enclosure, Add	*2,271.70*	
		For NEMA 4 Enclosure, Add	*2,336.60*	
		For NEMA 12 Enclosure, Add	*1,233.22*	
26 36 23 00-0027	EA	260 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260)	27,736.34	2,608.54
		For NEMA 3R Enclosure, Add	*2,271.70*	
		For NEMA 4 Enclosure, Add	*2,336.60*	
		For NEMA 12 Enclosure, Add	*1,233.22*	
26 36 23 00-0028	EA	300 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300)	31,012.85	2,670.64
		For NEMA 3R Enclosure, Add	*2,271.70*	
		For NEMA 4 Enclosure, Add	*2,336.60*	
		For NEMA 12 Enclosure, Add	*1,233.22*	
26 36 23 00-0029	EA	400 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400)	35,875.02	2,732.75
		For NEMA 3R Enclosure, Add	*2,271.70*	
		For NEMA 4 Enclosure, Add	*2,336.60*	
		For NEMA 12 Enclosure, Add	*1,233.22*	
26 36 23 00-0030	EA	600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600)	43,174.53	2,856.96
		For NEMA 3R Enclosure, Add	*2,271.70*	
		For NEMA 4 Enclosure, Add	*2,336.60*	
		For NEMA 12 Enclosure, Add	*1,298.12*	
26 36 23 00-0031	EA	800 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800)	47,635.32	2,981.18
		For NEMA 3R Enclosure, Add	*2,336.60*	
		For NEMA 4 Enclosure, Add	*2,336.60*	
		For NEMA 12 Enclosure, Add	*1,427.93*	
26 36 23 00-0032	EA	1,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000)	59,916.62	3,478.04
		For NEMA 3R Enclosure, Add	*2,336.60*	
		For NEMA 4 Enclosure, Add	*2,336.60*	
		For NEMA 12 Enclosure, Add	*1,427.93*	
26 36 23 00-0033	EA	1,200 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200)	78,755.59	3,927.82
		For NEMA 3R Enclosure, Add	*10,384.87*	
		For NEMA 4 Enclosure, Add	*12,981.09*	
		For NEMA 12 Enclosure, Add	*10,384.87*	
26 36 23 00-0034	EA	1,600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600)	102,953.94	4,189.67
		For NEMA 3R Enclosure, Add	*22,067.84*	
		For NEMA 4 Enclosure, Add	*22,067.84*	
		For NEMA 12 Enclosure, Add	*20,562.05*	
26 36 23 00-0035	EA	2,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000)	116,938.92	4,582.45
		For NEMA 3R Enclosure, Add	*22,067.84*	
		For NEMA 4 Enclosure, Add	*22,067.84*	
		For NEMA 12 Enclosure, Add	*20,562.05*	
26 36 23 00-0036	EA	3,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000)	187,486.65	5,237.09
		For NEMA 3R Enclosure, Add	*27,260.27*	
26 36 23 00-0037	EA	4,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000)	202,319.19	5,891.72
		For NEMA 3R Enclosure, Add	*27,260.27*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0038		Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*		
26 36 23 00-0039	EA	40 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40)	8,397.23	310.54
		For NEMA 3R Enclosure, Add	*649.06*	
		For NEMA 12 Enclosure, Add	*1,168.30*	
26 36 23 00-0040	EA	70 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70)	9,073.65	372.65
		For NEMA 3R Enclosure, Add	*649.06*	
		For NEMA 12 Enclosure, Add	*1,168.30*	
26 36 23 00-0041	EA	125 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125)	9,748.89	434.75
		For NEMA 3R Enclosure, Add	*649.06*	
		For NEMA 12 Enclosure, Add	*1,168.30*	
26 36 23 00-0042	EA	150 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150)	11,713.01	496.86
		For Four Pole Circuit Breaker, Add	*3,245.27*	
		For NEMA 3R Enclosure, Add	*649.06*	
		For NEMA 12 Enclosure, Add	*1,168.30*	
26 36 23 00-0043	EA	225 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225)	15,269.49	558.97
		For Four Pole Circuit Breaker, Add	*3,245.27*	
		For NEMA 3R Enclosure, Add	*649.06*	
		For NEMA 12 Enclosure, Add	*1,168.30*	
26 36 23 00-0044	EA	250 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250)	16,251.77	621.08
		For Four Pole Circuit Breaker, Add	*3,245.27*	
		For NEMA 3R Enclosure, Add	*649.06*	
		For NEMA 12 Enclosure, Add	*1,168.30*	
26 36 23 00-0045	EA	300 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300)	16,893.68	683.19
		For Four Pole Circuit Breaker, Add	*4,413.57*	
		For NEMA 3R Enclosure, Add	*1,687.54*	
		For NEMA 12 Enclosure, Add	*1,298.12*	
26 36 23 00-0046	EA	400 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400)	19,123.19	745.29
		For Four Pole Circuit Breaker, Add	*4,413.57*	
		For NEMA 3R Enclosure, Add	*1,687.54*	
		For NEMA 12 Enclosure, Add	*1,298.12*	
26 36 23 00-0047	EA	600 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600)	23,198.26	931.62
		For Four Pole Circuit Breaker, Add	*4,413.57*	
		For NEMA 3R Enclosure, Add	*1,687.54*	
		For NEMA 12 Enclosure, Add	*1,298.12*	
26 36 23 00-0048	EA	800 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800)	24,137.40	1,117.95
		For Four Pole Circuit Breaker, Add	*6,295.83*	
		For NEMA 3R Enclosure, Add	*2,907.77*	
		For NEMA 12 Enclosure, Add	*1,817.36*	
26 36 23 00-0049	EA	1,000 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000)	28,612.90	1,571.13
		For Four Pole Circuit Breaker, Add	*6,295.83*	
		For NEMA 3R Enclosure, Add	*2,907.77*	
		For NEMA 12 Enclosure, Add	*1,817.36*	
26 36 23 00-0050		Accessories *(26 36 23)*		
26 36 23 00-0051	EA	Auxiliary Contacts For Automatic Transfer Switch	301.17	
26 36 23 00-0052	EA	Battery Charger For Automatic Transfer Switch	2,466.42	
26 36 23 00-0053	EA	Elevator Relay Signal For Automatic Transfer Switch	895.70	

26 40 Electrical And Cathodic Protection *(26)*

26 43 Surge Protective Devices *(26 40)*

26 43 13 Surge Protective Devices for Low-Voltage Electrical Power Circuits *(26 43)*

26 43 13 00-0001		25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)* Note: Liebert LPL		
26 43 13 00-0002	EA	120/240 Volt AC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	233.07	30.24
26 43 13 00-0003	EA	208 Volt AC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	250.58	30.24
26 43 13 00-0004	EA	240/120 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	262.68	36.29
26 43 13 00-0005	EA	277 Volt AC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	215.97	24.19
26 43 13 00-0006	EA	480/277 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	262.68	36.29
26 43 13 00-0007		50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)* Note: Liebert LPL		
26 43 13 00-0008	EA	120/240 Volt AC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	319.36	30.24
26 43 13 00-0009	EA	208/120 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	341.47	36.29
26 43 13 00-0010	EA	208 Volt AC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	329.37	30.24
26 43 13 00-0011	EA	480/277 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	341.47	36.29

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0012		**100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression** *(26 43 13)*		
		Note: Liebert LPL		
26 43 13 00-0013	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	384.40	30.24
26 43 13 00-0014	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	406.51	36.29
26 43 13 00-0015	EA	277 Volt AC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	357.30	24.19
26 43 13 00-0016	EA	480/277 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	406.51	36.29
26 43 13 00-0017		**100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression** *(26 43 13)*		
		Note: Liebert LPM		
26 43 13 00-0018	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	451.94	30.24
26 43 13 00-0019	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	510.31	36.29
26 43 13 00-0020	EA	277 Volt AC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	426.09	24.19
26 43 13 00-0021		**160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression** *(26 43 13)*		
		Note: Liebert LPM		
26 43 13 00-0022	EA	208/120 Volt AC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	791.72	36.29
26 43 13 00-0023	EA	208 Volt AC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	779.62	30.24
26 43 13 00-0024	EA	480/277 Volt AC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	791.72	36.29
26 43 13 00-0025		**250 kA, 500 Joule Transient Voltage Surge Suppression** *(26 43 13)*		
		Note: Liebert Interceptor Hybrid.		
26 43 13 00-0026	EA	LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	7,600.65	60.47
26 43 13 00-0027	EA	Audible Alarm/LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	9,296.57	60.47
26 43 13 00-0028		**Class 1310 Transient Voltage Surge Suppression** *(26 43 13)*		
		Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.		
26 43 13 00-0029		**NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor** *(26 43 13 00-0028)*		
		Note: Square D. EMA series.		
26 43 13 00-0030	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,695.95	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0031	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,079.01	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0032	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,942.38	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0033	EA	320 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,892.67	241.91
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0034	EA	480 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	11,670.94	332.62
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0035	EA	120 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,854.37	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0036	EA	160 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,253.05	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0037	EA	240 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,211.25	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0038	EA	320 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,241.86	241.91
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0039	EA	480 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	12,209.80	332.62
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0040	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,854.37	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0041	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,253.05	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0042	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,211.19	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0043	EA	320 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,241.86	241.91
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0044	EA	480 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	12,209.80	332.62
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0045	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,012.82	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0046	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,429.32	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0047	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,482.34	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0048	EA	320 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,593.37	241.91
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0049	EA	480 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	12,750.84	332.62
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0050	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,196.90	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0051	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,612.33	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0052	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,765.71	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0053	EA	320 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,961.52	241.91
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0054	EA	480 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	12,551.66	332.62
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 13 00-0055 NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series.

26 43 13 00-0056	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,892.74	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0057	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,492.24	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0058	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,101.21	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0059	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,983.10	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0060	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,626.11	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0061	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,276.36	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0062	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,983.10	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0063	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,626.11	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0064	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,276.36	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0065	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,098.01	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0066	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,770.03	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0067	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,500.59	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0068	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,218.51	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0069	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,922.87	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0070	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,735.99	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 13 00-0071 NEMA 4X Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EMA series. Stainless steel.

26 43 13 00-0072	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,750.21	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0073	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,133.28	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0074	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,996.64	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0075	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,908.64	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0076	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,307.31	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0077	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,265.52	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0078	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,908.64	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0079	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,307.31	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0080	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,265.46	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0081	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,067.09	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0082	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,483.59	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0083	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,536.61	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0084	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,251.17	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0085	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,666.59	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0086	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,819.98	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

26 43 13 00-0087 NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series. Stainless steel.

26 43 13 00-0088	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,947.00	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0089	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,546.50	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0090	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,155.47	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0091	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,037.36	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0092	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,680.38	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0093	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,330.62	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0094	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,037.36	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0095	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,680.38	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0096	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,330.62	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0097	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,152.28	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0098	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,824.29	181.43
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0099	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,554.86	211.67
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	
26 43 13 00-0100	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,272.77	157.24
		For Integral Disconnect, Add	*265.68*	
		For Surge Counter, Add	*203.04*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0101		EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,977.13	181.43
			For Integral Disconnect, Add	*265.68*	
			For Surge Counter, Add	*203.04*	
26 43 13 00-0102		EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,790.25	211.67
			For Integral Disconnect, Add	*265.68*	
			For Surge Counter, Add	*203.04*	

26 43 23 Surge Protective Devices for Lightning Protection *(26 43)*

26 43 23 00-0001 Surge And Lightning Arrestors *(26 43 23)*

26 43 23 00-0002 Metal Top Intermediate Type IMX *(26 43 23 00-0001)*

Note: For outdoor construction, single phase.

26 43 23 00-0003		EA	3 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,225.80	270.49
26 43 23 00-0004		EA	4.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,332.33	270.49
26 43 23 00-0005		EA	6 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,332.33	270.49
26 43 23 00-0006		EA	7.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,530.17	270.49
26 43 23 00-0007		EA	9 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,530.17	270.49
26 43 23 00-0008		EA	10 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,694.53	270.49
26 43 23 00-0009		EA	12 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,694.53	270.49
26 43 23 00-0010		EA	15 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,316.75	338.12
26 43 23 00-0011		EA	18 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,401.98	338.12
26 43 23 00-0012		EA	21 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,634.17	405.73
26 43 23 00-0013		EA	24 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,853.32	405.73
26 43 23 00-0014		EA	27 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	3,404.22	405.73

26 43 23 00-0015 Porcelain Top Intermediate Type IMX *(26 43 23 00-0001)*

Note: For cubicle mounting, single phase.

26 43 23 00-0016		EA	3 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,225.80	270.49
26 43 23 00-0017		EA	4.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,332.33	270.49
26 43 23 00-0018		EA	6 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,332.33	270.49
26 43 23 00-0019		EA	7.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,530.17	270.49
26 43 23 00-0020		EA	9 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,530.17	270.49
26 43 23 00-0021		EA	10 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,694.53	270.49
26 43 23 00-0022		EA	12 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,694.53	270.49
26 43 23 00-0023		EA	15 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,316.75	338.12
26 43 23 00-0024		EA	18 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,401.98	338.12
26 43 23 00-0025		EA	21 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,634.17	405.73
26 43 23 00-0026		EA	24 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,853.32	405.73
26 43 23 00-0027		EA	27 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	3,404.22	405.73

26 43 23 00-0028 IMX Accessories *(26 43 23 00-0001)*

26 43 23 00-0029		EA	1 Crossarm Bracket Reversible 3-27 KV IMX	1,006.66	270.49
26 43 23 00-0030		EA	Single Unit Horizontal Pole Mounted Bracket (IMX)	994.49	270.49
26 43 23 00-0031		EA	3 Unit Horizontal Pole Mounted Bracket (IMX)	903.30	270.49

26 43 23 00-0032 Lightning Arrestor And Cutouts *(26 43 23 00-0001)*

26 43 23 00-0033		EA	3 KV La Distribution Class, Lightning Arrestor	665.77	270.49
26 43 23 00-0034		EA	3 KV La Interior Class, Lightning Arrestor	1,306.89	270.49
26 43 23 00-0035		EA	3 KV La Station Class, Lightning Arrestor	1,225.80	270.49
26 43 23 00-0036		EA	9 KV La Distribution Class, Lightning Arrestor	732.73	270.49
26 43 23 00-0037		EA	9 KV La Interior Class, Lightning Arrestor	1,484.39	270.49
26 43 23 00-0038		EA	9 KV La Station Class, Lightning Arrestor	1,530.17	270.49
26 43 23 00-0039		EA	5 KV Enclosed Fused Cutout	836.82	270.49
26 43 23 00-0040		EA	15 KV Open Fused Cutout	898.41	338.12
26 43 23 00-0041		EA	18 KV La Distribution Class, Lightning Arrestor	697.51	270.49
26 43 23 00-0042		EA	18 KV La Interior Class, Lightning Arrestor	1,579.27	270.49

26 50 Lighting *(26)*

Note: Includes testing of fixture, a set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports.

26 51 Interior Lighting *(26 50)*

26 51 13 Incandescent Interior Lighting *(26 51)*

26 51 13 00-0001 Recessed Fixtures *(26 51 13)*

Note: Housing and trim priced separately.

26 51 13 00-0002 Incandescent, Recessed Fixture Housings *(26 51 13 00-0001)*

26 51 13 00-0003		EA	4" Round, Incandescent, T Or ICT Recessed Fixture Housing	81.48	34.60
			For ICAT Housing, Add	*3.80*	
26 51 13 00-0004		EA	5" Round, Incandescent, T Or ICT Recessed Fixture Housing	81.48	34.60
			For ICAT Housing, Add	*3.80*	
26 51 13 00-0005		EA	6" Round, Incandescent, T Or ICT Recessed Fixture Housing	86.44	36.29
			For ICAT Housing, Add	*4.13*	
26 51 13 00-0006		EA	7" Round, Incandescent, T Or ICT Recessed Fixture Housing	91.56	37.85
			For ICAT Housing, Add	*4.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0007	EA	8" Round, Incandescent, T Or ICT Recessed Fixture Housing	96.71	39.43
		For ICAT Housing, Add	*4.83*	
26 51 13 00-0008	EA	10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing	98.77	41.85
		For ICAT Housing, Add	*4.63*	
26 51 13 00-0009		Recessed Fixture Trim *(26 51 13 00-0001)*		
26 51 13 00-0010	EA	Circular, Recessed Fixture Trim	61.86	16.94
26 51 13 00-0011	EA	Circular Clear Lens, Recessed Fixture Trim	68.54	16.94
26 51 13 00-0012	EA	Open/Baffle, Recessed Fixture Trim	80.12	16.94
26 51 13 00-0013	EA	Specular Reflector, Recessed Fixture Trim	86.25	16.94
26 51 13 00-0014	EA	Eyeball, Recessed Fixture Trim	68.64	16.94
26 51 13 00-0015	EA	10" To 12" Square, Clear Lens, Recessed Fixture Trim	65.06	16.94
26 51 13 00-0016	EA	10" To 12" Square, Drop Dish, Recessed Fixture Trim	69.17	16.94
26 51 13 00-0017		Track Lighting *(26 51 13)*		
26 51 13 00-0018		Track Lighting Tracks *(26 51 13 00-0017)*		
26 51 13 00-0019	LF	1 Circuit Track Lighting Track	24.02	7.99
26 51 13 00-0020	LF	2 Circuit Track Lighting Track	31.00	7.99
26 51 13 00-0021	LF	3 Circuit Track Lighting Track	36.97	7.99
26 51 13 00-0022	LF	4 Circuit Track Lighting Track	42.94	9.67
26 51 13 00-0023		Incandescent Track Lighting Fixtures *(26 51 13 00-0017)*		
26 51 13 00-0024	EA	Incandescent Track Lighting Fixture, 120 Volt	79.81	20.19
26 51 13 00-0025	EA	Par 20 Track Fixture, White Or Black Finish, 120 Volt	58.84	20.19
26 51 13 00-0026	EA	Par 30 Track Fixture, White Or Black Finish, 120 Volt	80.93	20.19
26 51 13 00-0027	EA	Par 38 Track Fixture, White Or Black Finish, 120 Volt	83.12	20.19
26 51 13 00-0028	EA	PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	68.84	20.19
26 51 13 00-0029	EA	PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	58.84	20.19
26 51 13 00-0030	EA	PAR 30, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt Note: 120V.	67.79	20.19
26 51 13 00-0031	EA	PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	85.31	20.19
26 51 13 00-0032		Track Lighting Accessories *(26 51 13 00-0017)*		
26 51 13 00-0033		Pendant Mounting *(26 51 13 00-0032)*		
26 51 13 00-0034	EA	Track Lighting Pendant Mounting, Up to 12"	26.86	
26 51 13 00-0035	EA	Track Lighting Pendant Mounting, >12" To 24"	34.24	
26 51 13 00-0036	EA	Track Lighting Pendant Mounting, >24" To 36"	41.64	
26 51 13 00-0037		Wet Location, Dust Resistant, Vapor Tight Fixtures *(26 51 13)*		
26 51 13 00-0038		Incandescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0037)*		
26 51 13 00-0039	EA	100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	130.90	48.38
		For Wall Mounted, Add	*5.10*	
26 51 13 00-0040	EA	200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	149.32	48.38
		For Wall Mounted, Add	*5.10*	
26 51 16		**Fluorescent Interior Lighting** *(26 51)*		
26 51 16 00-0001		Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0002		Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0003		6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0004	EA	1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	175.40	34.59
26 51 16 00-0005	EA	2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	197.09	34.59
26 51 16 00-0006		6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0007	EA	1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	198.62	36.02
26 51 16 00-0008	EA	2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	223.10	36.02
26 51 16 00-0009		1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0010	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	237.79	40.44
26 51 16 00-0011	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	282.34	40.44
26 51 16 00-0012	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	331.26	40.44
26 51 16 00-0013		2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0014	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	193.43	44.20
26 51 16 00-0015	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	223.47	44.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0016		2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0017	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	303.65	51.49
26 51 16 00-0018	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	327.53	51.49
26 51 16 00-0019	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	372.03	51.49
26 51 16 00-0020		Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0001)* Note: Includes prismatic lens.		
26 51 16 00-0021		1' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0022	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	236.48	40.11
26 51 16 00-0023	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	382.59	40.11
26 51 16 00-0024	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	436.70	40.11
26 51 16 00-0025		2' x 2', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0026	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	365.84	44.20
26 51 16 00-0027	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	399.64	44.20
26 51 16 00-0028	EA	4 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	424.11	44.20
26 51 16 00-0029		2' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0030	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	373.03	51.49
26 51 16 00-0031	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	409.79	51.49
26 51 16 00-0032	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	430.52	51.49
26 51 16 00-0033	EA	6 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	462.60	51.49
26 51 16 00-0034		4' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0035	EA	4 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	737.77	66.30
26 51 16 00-0036	EA	6 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	751.96	66.30
26 51 16 00-0037	EA	8 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	664.14	66.30
26 51 16 00-0038		Recessed Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0039		Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0040		1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 16 00-0039)*		
26 51 16 00-0041	EA	2 T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	269.02	34.59
		For Drywall Or Plaster Ceilings, Add	*23.37*	
26 51 16 00-0042		1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 16 00-0039)*		
26 51 16 00-0043	EA	2 T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	351.68	40.11
		For Drywall Or Plaster Ceilings, Add	*27.35*	
26 51 16 00-0044	EA	2 T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	636.12	40.11
		For Drywall Or Plaster Ceilings, Add	*27.35*	
26 51 16 00-0045		2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 16 00-0039)*		
26 51 16 00-0046	EA	2 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	355.14	44.20
		For Drywall Or Plaster Ceilings, Add	*29.84*	
26 51 16 00-0047	EA	3 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	406.14	44.20
		For Drywall Or Plaster Ceilings, Add	*29.84*	
26 51 16 00-0048	EA	4 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	411.63	44.20
		For Drywall Or Plaster Ceilings, Add	*29.84*	
26 51 16 00-0049	EA	2 T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	444.24	44.20
		For Drywall Or Plaster Ceilings, Add	*29.84*	
26 51 16 00-0050		2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 16 00-0039)*		
26 51 16 00-0051	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	346.36	51.49
		For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0052	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	479.98	51.49
		For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0053	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	487.08	51.49
		For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0054	EA	6 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	545.07	51.49
		For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0055	EA	2 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	464.59	51.49
		For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0056	EA	3 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	634.00	51.49
		For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0057	EA	4 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	649.23	51.49
		For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0058		Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0059		1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0058)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0060	EA	1 T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	312.21	34.59
		For Drywall Or Plaster Ceilings, Add	*23.37*	
26 51 16 00-0061	EA	2 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	317.68	34.59
		For Drywall Or Plaster Ceilings, Add	*23.37*	
26 51 16 00-0062	EA	3 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	371.81	34.59
		For Drywall Or Plaster Ceilings, Add	*23.37*	
26 51 16 00-0063		**1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0064	EA	1 T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	355.70	40.11
		For Drywall Or Plaster Ceilings, Add	*27.35*	
26 51 16 00-0065	EA	2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	362.80	40.11
		For Drywall Or Plaster Ceilings, Add	*27.35*	
26 51 16 00-0066	EA	3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	409.87	40.11
		For Drywall Or Plaster Ceilings, Add	*27.35*	
26 51 16 00-0067		**2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0068	EA	2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	365.72	44.20
		For Drywall Or Plaster Ceilings, Add	*29.84*	
26 51 16 00-0069	EA	3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	371.19	44.20
		For Drywall Or Plaster Ceilings, Add	*29.84*	
26 51 16 00-0070	EA	4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	424.52	44.20
		For Drywall Or Plaster Ceilings, Add	*29.84*	
26 51 16 00-0071		**2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0072	EA	2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	346.36	51.49
		For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0073	EA	3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	404.75	51.49
		For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0074	EA	4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	460.32	51.49
		For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0075	EA	6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	523.17	51.49
		For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0076		**Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0038)*		
26 51 16 00-0077		**1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0076)*		
26 51 16 00-0078	EA	1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	660.88	40.11
		For Drywall Or Plaster Ceilings, Add	*27.35*	
26 51 16 00-0079	EA	2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	667.98	40.11
		For Drywall Or Plaster Ceilings, Add	*27.35*	
26 51 16 00-0080	EA	1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	784.10	40.11
		For Drywall Or Plaster Ceilings, Add	*27.35*	
26 51 16 00-0081	EA	2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	799.32	40.11
		For Drywall Or Plaster Ceilings, Add	*27.35*	
26 51 16 00-0082		**2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0076)*		
26 51 16 00-0083	EA	2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	526.70	44.20
		For Drywall Or Plaster Ceilings, Add	*29.84*	
26 51 16 00-0084	EA	3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	587.47	44.20
		For Drywall Or Plaster Ceilings, Add	*29.84*	
26 51 16 00-0085	EA	2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	721.39	44.20
		For Drywall Or Plaster Ceilings, Add	*29.84*	
26 51 16 00-0086		**2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0076)*		
26 51 16 00-0087	EA	2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	592.10	51.49
		For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0088	EA	3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	730.59	51.49
		For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0089	EA	1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	773.18	51.49
		For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0090	EA	2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	851.30	51.49
		For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0091		**Volumetric, Recessed Fluorescent Fixtures** *(26 51 16 00-0038)*		
26 51 16 00-0092		**1' x 4', Volumetric, Recessed Fluorescent Fixtures** *(26 51 16 00-0091)*		
26 51 16 00-0093	EA	2 T8 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	515.91	40.11
		For Drywall Or Plaster Ceilings, Add	*27.35*	
26 51 16 00-0094	EA	2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	681.23	40.11
		For Drywall Or Plaster Ceilings, Add	*27.35*	
26 51 16 00-0095		**2' x 2', Volumetric, Recessed Fluorescent Fixtures** *(26 51 16 00-0091)*		
26 51 16 00-0096	EA	2 T8 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	514.83	44.20
		For Drywall Or Plaster Ceilings, Add	*29.84*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 51 16 00-0097	EA	2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	588.74	44.20
			For Drywall Or Plaster Ceilings, Add	*29.84*	
26 51 16 00-0098			2' x 4', Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0091)*		
	26 51 16 00-0099	EA	2 T8 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	571.56	51.49
			For Drywall Or Plaster Ceilings, Add	*34.81*	
	26 51 16 00-0100	EA	2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	572.80	51.49
			For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0101			Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0102			1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)*		
	26 51 16 00-0103	EA	2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	484.33	40.11
			For Drywall Or Plaster Ceilings, Add	*27.35*	
26 51 16 00-0104			2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)*		
	26 51 16 00-0105	EA	2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	463.32	44.20
			For Drywall Or Plaster Ceilings, Add	*29.84*	
26 51 16 00-0106			2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)*		
	26 51 16 00-0107	EA	2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	560.84	51.49
			For Drywall Or Plaster Ceilings, Add	*34.81*	
	26 51 16 00-0108	EA	3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	593.03	51.49
			For Drywall Or Plaster Ceilings, Add	*34.81*	
	26 51 16 00-0109	EA	4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	645.40	51.49
			For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0110			Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0111			1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
	26 51 16 00-0112	EA	2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	461.87	40.11
			For Drywall Or Plaster Ceilings, Add	*27.35*	
26 51 16 00-0113			2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
	26 51 16 00-0114	EA	2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	462.78	44.20
			For Drywall Or Plaster Ceilings, Add	*29.84*	
26 51 16 00-0115			2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
	26 51 16 00-0116	EA	2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	573.44	51.49
			For Drywall Or Plaster Ceilings, Add	*34.81*	
	26 51 16 00-0117	EA	3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	584.92	51.49
			For Drywall Or Plaster Ceilings, Add	*34.81*	
	26 51 16 00-0118	EA	4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	601.31	51.49
			For Drywall Or Plaster Ceilings, Add	*34.81*	
26 51 16 00-0119			Striplight Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0120			1 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
	26 51 16 00-0121	EA	1-1/2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	200.42	33.15
	26 51 16 00-0122	EA	2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	244.32	33.15
	26 51 16 00-0123	EA	3' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	241.15	36.79
	26 51 16 00-0124	EA	4' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	247.26	40.44
	26 51 16 00-0125	EA	8' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	302.31	47.90
26 51 16 00-0126			2 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
	26 51 16 00-0127	EA	2' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	245.58	36.79
	26 51 16 00-0128	EA	3' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	253.18	40.44
	26 51 16 00-0129	EA	4' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	259.88	44.20
26 51 16 00-0130			3 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
	26 51 16 00-0131	EA	2' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	355.67	36.79
	26 51 16 00-0132	EA	3' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	344.86	40.44
	26 51 16 00-0133	EA	4' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	352.15	44.20

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26 51 16 00-0134		**Display Case Fluorescent Fixtures** *(26 51 16 00-0119)*		
26 51 16 00-0135	EA	1 T8 Lamp, 1-1/2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU15W)	143.60	36.29
26 51 16 00-0136	EA	1 T8 Lamp, 2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU20W)	186.37	36.29
26 51 16 00-0137	EA	1 T8 Lamp, 3' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU30W)	201.28	42.33
26 51 16 00-0138	EA	1 T8 Lamp, 4' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU40W)	207.85	42.33
26 51 16 00-0139		**Industrial Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0140		**1 Lamp Cross Section, Industrial Fluorescent Fixtures** *(26 51 16 00-0139)*		
26 51 16 00-0141	EA	2' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	285.68	33.15
26 51 16 00-0142	EA	4' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	303.09	40.44
26 51 16 00-0143	EA	8' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	550.74	51.49
26 51 16 00-0144		**2 Lamp Cross Section, Industrial Fluorescent Fixtures** *(26 51 16 00-0139)*		
26 51 16 00-0145	EA	2' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	296.67	36.79
26 51 16 00-0146	EA	4' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	315.74	44.20
26 51 16 00-0147	EA	8' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	564.94	51.49
26 51 16 00-0148		**3 Lamp Cross Section, Industrial Fluorescent Fixtures** *(26 51 16 00-0139)*		
26 51 16 00-0149	EA	2' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	309.44	36.79
26 51 16 00-0150	EA	4' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	328.31	44.20
26 51 16 00-0151	EA	8' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	496.41	51.49
26 51 16 00-0152		**4 Lamp Cross Section, Industrial Fluorescent Fixtures** *(26 51 16 00-0139)*		
26 51 16 00-0153	EA	4' Length, 4 T8 Lamps, Industrial Fluorescent Fixture	447.09	44.20
26 51 16 00-0154	EA	8' Length, 4 T8 Lamps, Industrial Fluorescent Fixture	656.59	51.49
26 51 16 00-0155		**Flanged Fluorescent Fixture** *(26 51 16 00-0001)* Note: For plaster or drywall application. With electronic ballast.		
26 51 16 00-0156	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	421.98	66.30
26 51 16 00-0157	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	502.07	66.30
26 51 16 00-0158	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	509.17	66.30
26 51 16 00-0159		**Undercabinet Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0160	EA	1 T5 Lamp, 12-3/16" Length, Slimline Undercabinet Fluorescent Fixture	150.95	29.84
26 51 16 00-0161	EA	1 T5 Lamp, 21-3/16" Length, Slimline Undercabinet Fluorescent Fixture	176.00	36.46
26 51 16 00-0162	EA	2 T5 Lamps, 24-7/16" Length, Slimline Undercabinet Fluorescent Fixture	173.23	36.46
26 51 16 00-0163	EA	1 T5 Lamp, 33-7/16" Length, Slimline Undercabinet Fluorescent Fixture	208.68	39.78
26 51 16 00-0164	EA	2 T5 Lamps, 42-7/16" Length, Slimline Undercabinet Fluorescent Fixture	242.64	46.41
26 51 16 00-0165		**Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0001)* Note: Includes acrylic drop dish diffuser.		
26 51 16 00-0166		**2' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0165)*		
26 51 16 00-0167	EA	1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture	234.30	33.15
26 51 16 00-0168	EA	2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture	261.30	33.15
26 51 16 00-0169		**3' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0165)*		
26 51 16 00-0170	EA	1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture	267.18	34.81
26 51 16 00-0171	EA	2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture	293.04	34.81
26 51 16 00-0172		**4' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0165)*		
26 51 16 00-0173	EA	1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture	264.22	36.46
26 51 16 00-0174	EA	2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture	291.67	36.46
26 51 16 00-0175		**Wall Bracket, Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0176		**Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0175)* Note: Includes extruded aluminum housing with brushed finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0177		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0176)*		
26 51 16 00-0178	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	242.75	55.64
26 51 16 00-0179	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	247.41	55.64
26 51 16 00-0180		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0176)*		
26 51 16 00-0181	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	316.99	55.64
26 51 16 00-0182	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	323.50	55.64

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26 51 16 00-0183		4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) *(26 51 16 00-0176)*		
26 51 16 00-0184	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	328.57	55.64
26 51 16 00-0185	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	333.23	55.64
26 51 16 00-0186		Wall Bracket, Fluorescent Fixtures (Lithonia WP) *(26 51 16 00-0175)* Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0187		2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) *(26 51 16 00-0186)*		
26 51 16 00-0188	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	643.81	55.64
26 51 16 00-0189	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	648.47	55.64
26 51 16 00-0190		3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) *(26 51 16 00-0186)*		
26 51 16 00-0191	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	503.73	55.64
26 51 16 00-0192	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	510.24	55.64
26 51 16 00-0193		4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) *(26 51 16 00-0186)*		
26 51 16 00-0194	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	583.11	55.64
26 51 16 00-0195	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	587.77	55.64
26 51 16 00-0196		Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 16 00-0175)* Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0197		2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 16 00-0196)*		
26 51 16 00-0198	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	232.09	55.64
26 51 16 00-0199	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	236.75	55.64
26 51 16 00-0200		3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 16 00-0196)*		
26 51 16 00-0201	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	233.94	55.64
26 51 16 00-0202	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	240.45	55.64
26 51 16 00-0203		4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 16 00-0196)*		
26 51 16 00-0204	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	223.92	55.64
26 51 16 00-0205	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	228.58	55.64
26 51 16 00-0206		Low Occupancy, Industrial Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0207	EA	1 T8 Lamp, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	282.89	40.44
26 51 16 00-0208	EA	2 T8 Lamps, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	288.42	44.20
26 51 16 00-0209		Ceiling Mounted Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0210		Ceiling Mounted, Compact Fluorescent/Incandescent Fixtures *(26 51 16 00-0209)*		
26 51 16 00-0211		Glass Globe, Compact Fluorescent/Incandescent Fixtures *(26 51 16 00-0210)*		
26 51 16 00-0212	EA	6" Diameter, Ceiling Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture	163.27	48.38
26 51 16 00-0213	EA	9" Diameter, Ceiling Mounted, Mushroom Style Glass Globe, Compact Fluorescent/Incandescent Fixture	194.30	48.38
26 51 16 00-0214		Ceiling Mounted, Circline Fluorescent Fixtures *(26 51 16 00-0209)*		
26 51 16 00-0215		Exposed Lamps, Circline Fluorescent Fixtures *(26 51 16 00-0214)*		
26 51 16 00-0216	EA	8-1/2" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	137.80	48.38
26 51 16 00-0217	EA	12" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	151.23	48.38
26 51 16 00-0218		Low Profile Acrylic Diffuser, Circline Fluorescent Fixtures *(26 51 16 00-0214)*		
26 51 16 00-0219	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	204.39	48.38
26 51 16 00-0220	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	289.79	48.38
26 51 16 00-0221	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	348.97	48.38
26 51 16 00-0222	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	232.06	48.38
26 51 16 00-0223	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	291.55	48.38
26 51 16 00-0224	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	348.97	48.38
26 51 16 00-0225		Ceiling Mounted, Double Twin Tube Compact Fluorescent Fixtures *(26 51 16 00-0209)*		
26 51 16 00-0226		Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixtures *(26 51 16 00-0225)*		
26 51 16 00-0227	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	209.14	48.38
26 51 16 00-0228	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	269.48	48.38

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26 51 16 00-0229	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	322.64	48.38
26 51 16 00-0230	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	167.19	48.38
26 51 16 00-0231	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	199.77	48.38
26 51 16 00-0232	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	261.50	48.38
26 51 16 00-0233		Pendant Mounted, Compact Fluorescent/Incandescent Downlights *(26 51 16 00-0209)*		
26 51 16 00-0234		Pendant Mounted, Compact Fluorescent/Incandescent Open Reflector Downlights *(26 51 16 00-0233)*		
26 51 16 00-0235	EA	6" Diameter, Pendant Mounted, Open Reflector Compact Fluorescent/Incandescent Downlight	324.87	39.75
26 51 16 00-0236		Pendant Mounted, Compact Fluorescent/Incandescent Downlights With Baffle *(26 51 16 00-0233)*		
26 51 16 00-0237	EA	6" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	372.10	39.75
26 51 16 00-0238	EA	8" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	524.45	39.75
26 51 16 00-0239		Pendant Mounted, Horizontal Indirect Fluorescent Fixtures *(26 51 16 00-0209)*		
26 51 16 00-0240	EA	1 T5HO Lamp, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	292.47	39.75
26 51 16 00-0241	EA	2 T5HO Lamps, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	310.62	39.75
26 51 16 00-0242	EA	3 T5HO Lamps, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	371.92	39.75
26 51 16 00-0243	EA	2 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	387.13	39.75
26 51 16 00-0244	EA	4 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	462.66	39.75
26 51 16 00-0245	EA	6 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	551.92	39.75
26 51 16 00-0246		Finelite Fluorescent Fixtures *(26 51 16 00-0209)*		
26 51 16 00-0247		Pendant Mounted, Fluorescent Downlight Fixtures (Finelite Series 10) *(26 51 16 00-0246)*		
26 51 16 00-0248	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	497.97	56.36
		For Dual Circuit, Add	*123.99*	
26 51 16 00-0249	EA	2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	496.57	56.36
		For Dual Circuit, Add	*123.57*	
26 51 16 00-0250	EA	3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	537.67	56.36
		For Dual Circuit, Add	*135.90*	
26 51 16 00-0251	EA	1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	599.26	56.36
		For Dual Circuit, Add	*154.38*	
26 51 16 00-0252	EA	2 T5HO Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	656.64	56.36
		For Dual Circuit, Add	*171.59*	
26 51 16 00-0253	EA	3 T5HO Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	807.52	56.36
		For Dual Circuit, Add	*216.86*	
26 51 16 00-0254	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	711.50	58.78
		For Dual Circuit, Add	*140.49*	
26 51 16 00-0255	EA	4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	734.20	58.78
		For Dual Circuit, Add	*145.60*	
26 51 16 00-0256	EA	6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	816.40	58.78
		For Dual Circuit, Add	*164.10*	
26 51 16 00-0257	EA	2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	778.06	58.78
		For Dual Circuit, Add	*155.47*	
26 51 16 00-0258	EA	4 T5HO Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	977.82	58.78
		For Dual Circuit, Add	*200.42*	
26 51 16 00-0259	EA	6 T5HO Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	1,152.08	58.78
		For Dual Circuit, Add	*239.63*	
26 51 16 00-0260	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	942.05	61.21
		For Dual Circuit, Add	*127.88*	
26 51 16 00-0261	EA	6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	980.35	61.21
		For Dual Circuit, Add	*133.63*	
26 51 16 00-0262	EA	9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	1,086.65	61.21
		For Dual Circuit, Add	*149.57*	
26 51 16 00-0263	EA	3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	1,084.39	61.21
		For Dual Circuit, Add	*149.23*	
26 51 16 00-0264	EA	6 T5HO Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	1,341.53	61.21
		For Dual Circuit, Add	*187.80*	

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26 51 16 00-0265	EA	9 T5HO Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	1,607.17	61.21
		For Dual Circuit, Add	*227.65*	
26 51 16 00-0266		**Pendant Mounted, Fluorescent Wallwash Fixtures (Finelite Series X2-O)** *(26 51 16 00-0246)*		
26 51 16 00-0267	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	473.93	56.36
		For Dual Circuit, Add	*116.78*	
26 51 16 00-0268	EA	1 T5 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	515.09	56.36
		For Dual Circuit, Add	*129.13*	
26 51 16 00-0269	EA	1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	514.35	56.36
		For Dual Circuit, Add	*128.90*	
26 51 16 00-0270	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	695.01	58.78
		For Dual Circuit, Add	*136.78*	
26 51 16 00-0271	EA	2 T5 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	742.06	58.78
		For Dual Circuit, Add	*147.37*	
26 51 16 00-0272	EA	2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	740.58	58.78
		For Dual Circuit, Add	*147.04*	
26 51 16 00-0273	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	916.11	61.21
		For Dual Circuit, Add	*123.99*	
26 51 16 00-0274	EA	3 T5 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	1,039.58	61.21
		For Dual Circuit, Add	*142.51*	
26 51 16 00-0275	EA	3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	1,037.35	61.21
		For Dual Circuit, Add	*142.18*	
26 51 16 00-0276		**Pendant Mounted, Fluorescent Indirect Fixtures (Finelite Series 8)** *(26 51 16 00-0246)*		
26 51 16 00-0277	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	363.25	56.36
		For Dual Circuit, Add	*83.57*	
26 51 16 00-0278	EA	2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	383.86	56.36
		For Dual Circuit, Add	*89.76*	
26 51 16 00-0279	EA	3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	454.04	56.36
		For Dual Circuit, Add	*110.81*	
26 51 16 00-0280	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	474.13	58.78
		For Dual Circuit, Add	*87.09*	
26 51 16 00-0281	EA	4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	560.42	58.78
		For Dual Circuit, Add	*106.50*	
26 51 16 00-0282	EA	6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	662.48	58.78
		For Dual Circuit, Add	*129.47*	
26 51 16 00-0283	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	652.63	61.21
		For Dual Circuit, Add	*84.47*	
26 51 16 00-0284	EA	6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	800.08	61.21
		For Dual Circuit, Add	*106.59*	
26 51 16 00-0285	EA	9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	956.54	61.21
		For Dual Circuit, Add	*130.05*	
26 51 16 00-0286		**Fluorescent, Recessed Fixture Housings** *(26 51 16)*		
26 51 16 00-0287	EA	4" Round, Fluorescent, T Or ICT Recessed Fixture Housing	128.28	34.60
		For ICAT Housing, Add	*9.84*	
26 51 16 00-0288	EA	5" Round, Fluorescent, T Or ICT Recessed Fixture Housing	132.43	34.60
		For ICAT Housing, Add	*10.37*	
26 51 16 00-0289	EA	6" Round, Fluorescent, T Or ICT Recessed Fixture Housing	138.00	36.16
		For ICAT Housing, Add	*10.78*	
26 51 16 00-0290	EA	7" Round, Fluorescent, T Or ICT Recessed Fixture Housing	144.99	37.49
		For ICAT Housing, Add	*11.37*	
26 51 16 00-0291	EA	8" Round, Fluorescent, T Or ICT Recessed Fixture Housing	151.13	39.43
		For ICAT Housing, Add	*11.85*	
26 51 16 00-0292	EA	10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing	156.65	41.85
		For ICAT Housing, Add	*12.09*	
26 51 16 00-0293		**Compact Fluorescent, Recessed Fixture Housings** *(26 51 16)*		
26 51 16 00-0294	EA	4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	146.15	34.60
		For ICAT Housing, Add	*12.14*	

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26 51 16 00-0295	EA	5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	150.25	34.60
		For ICAT Housing, Add	*12.67*	
26 51 16 00-0296	EA	6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	155.95	36.29
		For ICAT Housing, Add	*13.10*	
26 51 16 00-0297	EA	7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	160.58	37.85
		For ICAT Housing, Add	*13.38*	
26 51 16 00-0298	EA	8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	165.88	39.43
		For ICAT Housing, Add	*13.75*	
26 51 16 00-0299	EA	10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	171.09	41.85
		For ICAT Housing, Add	*13.96*	
26 51 16 00-0300		**Fluorescent Track Lighting Fixtures** *(26 51 16)*		
26 51 16 00-0301	EA	2L 18W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	290.63	20.19
26 51 16 00-0302	EA	2L 39W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	299.39	20.19
26 51 16 00-0303	EA	2L 40W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	304.87	20.19
26 51 16 00-0304	EA	2L 50W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	194.50	20.19
26 51 16 00-0305	EA	2L, 55 Watt BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	326.90	20.19
26 51 16 00-0306		**Compact Fluorescent Track Lighting Fixtures** *(26 51 16)*		
26 51 16 00-0307	EA	Compact Fluorescent Track Lighting Fixture	93.29	20.19
26 51 16 00-0308		**Compact Fluorescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures** *(26 51 16)*		
26 51 16 00-0309	EA	13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	140.41	48.38
		For Wall Mounted, Add	*6.02*	
26 51 16 00-0310	EA	22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	144.03	48.38
		For Wall Mounted, Add	*6.02*	
26 51 16 00-0311	EA	28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	152.98	48.38
		For Wall Mounted, Add	*6.02*	
26 51 16 00-0312		**Wet Location, Dust Resistant, Vapor Tight, Enclosed And Gasketed, Industrial Fluorescent Fixtures** *(26 51 16)*		
26 51 16 00-0313		**4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures** *(26 51 16 00-0312)*		
26 51 16 00-0314		**4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia DMW)** *(26 51 16 00-0313)* Note: Includes high impact acrylic molded lens.		
26 51 16 00-0315	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	292.35	51.49
		For T5 Fixture Instead Of T8, Add	*24.62*	
26 51 16 00-0316	EA	2 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	306.99	51.49
		For T5 Fixture Instead Of T8, Add	*26.29*	
26 51 16 00-0317	EA	3 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	477.75	51.49
		For T5 Fixture Instead Of T8, Add	*45.84*	
26 51 16 00-0318	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	411.97	51.49
26 51 16 00-0319	EA	2 T8HO Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	660.42	51.49
26 51 16 00-0320		**4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Day-Brite V2W)** *(26 51 16 00-0313)* Note: Includes high impact acrylic molded lens.		
26 51 16 00-0321	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	353.76	51.49
26 51 16 00-0322	EA	2 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	358.75	51.49
26 51 16 00-0323	EA	3 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	523.23	51.49
26 51 16 00-0324	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	431.11	51.49
26 51 16 00-0325	EA	2 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	450.69	51.49
26 51 16 00-0326		**8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures** *(26 51 16 00-0312)* Note: Includes high impact acrylic molded lens.		
26 51 16 00-0327		**8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia TDMW)** *(26 51 16 00-0326)* Note: Includes high impact acrylic molded lens.		
26 51 16 00-0328	EA	2 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	548.44	69.95
		For T5 Fixture Instead Of T8, Add	*50.78*	
26 51 16 00-0329	EA	4 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	571.86	69.95
		For T5 Fixture Instead Of T8, Add	*53.46*	
26 51 16 00-0330		**High Bay Fluorescent Fixtures** *(26 51 16)*		
26 51 16 00-0331		**(T8) Fluorescent, High Bay Fixtures** *(26 51 16 00-0330)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0332		(T8) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 16 00-0331)* Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0333	EA	2 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	494.83	112.71
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0334	EA	3 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	519.01	124.87
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0335	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	588.67	142.55
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0336	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	707.18	150.17
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0337	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	770.60	157.14
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0338	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	445.28	142.55
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0339	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	470.51	150.17
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0340	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	539.34	157.14
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0341		(T5HO) Fluorescent, High Bay Fixtures *(26 51 16 00-0330)*		
26 51 16 00-0342		(T5HO) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 16 00-0341)* Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0343	EA	2 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	498.67	112.71
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0344	EA	3 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	522.14	124.87
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0345	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	594.67	142.55
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0346	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	721.06	150.17
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0347	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	466.44	142.55
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0348	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	514.38	150.17
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0349	EA	8 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	600.52	157.14
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 19		**LED Interior Lighting** *(26 51)*		
26 51 19 00-0001		LED Fixtures *(26 51 19)*		
26 51 19 00-0002		Undercabinet LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0003	EA	12" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ12-M6)	158.11	29.84
		For >50 To 100, Deduct	*-5.20*	
		For >100 To 250, Deduct	*-9.15*	
		For >250 To 500, Deduct	*-15.81*	
		For >500, Deduct	*-22.47*	
26 51 19 00-0004	EA	18" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ18-M6)	198.12	36.46
		For >50 To 100, Deduct	*-6.47*	
		For >100 To 250, Deduct	*-11.43*	
		For >250 To 500, Deduct	*-19.81*	
		For >500, Deduct	*-28.20*	

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26 51 19 00-0005	EA	24" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ24-M6)	208.92	36.46
		For >50 To 100, Deduct	*-6.74*	
		For >100 To 250, Deduct	*-11.97*	
		For >250 To 500, Deduct	*-20.89*	
		For >500, Deduct	*-29.82*	
26 51 19 00-0006	EA	24" HIDE-A-LITE V Series LED Undercabinet Fixture (Progress Lighting P700003-028-30)	158.15	29.84
		For >50 To 100, Deduct	*-5.20*	
		For >100 To 250, Deduct	*-9.15*	
		For >250 To 500, Deduct	*-15.82*	
		For >500, Deduct	*-22.48*	
26 51 19 00-0007		Surface Mount Linear/Striplight LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0008		Striplight LED Fixtures (Lithonia CLX) *(26 51 19 00-0007)*		
		Note: Standard efficiency, flat or round diffuse lens, 120-277 volt, 0-10 volt dimming, 3000K to 5000K color temperature, 80CRI		
26 51 19 00-0009	EA	2' Length, 1,500 Lumens, LED Striplight Fixture (Lithonia CLX)	234.96	33.15
		Note: With integral occupancy sensor		
26 51 19 00-0010	EA	2' Length, 2,000 Lumens, LED Striplight Fixture (Lithonia CLX)	241.62	33.15
		Note: With integral occupancy sensor		
26 51 19 00-0011	EA	4' Length, 3,000 Lumens, LED Striplight Fixture (Lithonia CLX)	279.31	40.44
		Note: With integral occupancy sensor		
26 51 19 00-0012	EA	4' Length, 4,000 Lumens, LED Striplight Fixture (Lithonia CLX)	285.98	40.44
		Note: With integral occupancy sensor		
26 51 19 00-0013	EA	4' Length, 5,000 Lumens, LED Striplight Fixture (Lithonia CLX)	292.65	40.44
		Note: With integral occupancy sensor		
26 51 19 00-0014	EA	4' Length, 7,000 Lumens, LED Striplight Fixture (Lithonia CLX)	299.30	40.44
		Note: With integral occupancy sensor		
26 51 19 00-0015	EA	4' Length, 9,000 Lumens, LED Striplight Fixture (Lithonia CLX)	305.97	40.44
		Note: With integral occupancy sensor		
26 51 19 00-0016	EA	8' Length, 6,000 Lumens, LED Striplight Fixture (Lithonia CLX)	393.62	47.85
		Note: With integral occupancy sensor		
26 51 19 00-0017	EA	8' Length, 8,000 Lumens, LED Striplight Fixture (Lithonia CLX)	406.95	47.85
		Note: With integral occupancy sensor		
26 51 19 00-0018	EA	8' Length, 10,000 Lumens, LED Striplight Fixture (Lithonia CLX)	421.94	47.85
		Note: With integral occupancy sensor		
26 51 19 00-0019	EA	8' Length, 14,000 Lumens, LED Striplight Fixture (Lithonia CLX)	435.26	47.85
		Note: With integral occupancy sensor		
26 51 19 00-0020	EA	8' Length, 18,000 Lumens, LED Striplight Fixture (Lithonia CLX)	450.26	47.85
		Note: With integral occupancy sensor		
26 51 19 00-0021	EA	8' Length, 20,000 Lumens, LED Striplight Fixture (Lithonia CLX)	463.58	47.85
		Note: With integral occupancy sensor		
26 51 19 00-0022		Striplight LED Fixtures (Lithonia ZL) *(26 51 19 00-0007)*		
26 51 19 00-0023	EA	3,000 Lumens, 2' Length, LED Striplight Fixture (Lithonia ZL1)	224.94	33.15
		For >50 To 100, Deduct	*-6.87*	
		For >100 To 250, Deduct	*-12.49*	
		For >250 To 500, Deduct	*-22.49*	
		For >500, Deduct	*-32.50*	
26 51 19 00-0024	EA	2,800 Lumens, 4' Length, LED Striplight Fixture (Lithonia ZL1)	235.99	40.44
		For >50 To 100, Deduct	*-7.42*	
		For >100 To 250, Deduct	*-13.32*	
		For >250 To 500, Deduct	*-23.60*	
		For >500, Deduct	*-33.88*	
26 51 19 00-0025	EA	1,400 Lumens, 2' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	235.36	33.15
		For >50 To 100, Deduct	*-7.13*	
		For >100 To 250, Deduct	*-13.01*	
		For >250 To 500, Deduct	*-23.54*	
		For >500, Deduct	*-34.06*	
26 51 19 00-0026	EA	2,300 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	246.41	40.44
		For >50 To 100, Deduct	*-7.68*	
		For >100 To 250, Deduct	*-13.84*	
		For >250 To 500, Deduct	*-24.64*	
		For >500, Deduct	*-35.44*	
26 51 19 00-0027	EA	4,600 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	306.88	40.44
		For >50 To 100, Deduct	*-9.19*	
		For >100 To 250, Deduct	*-16.86*	
		For >250 To 500, Deduct	*-30.69*	
		For >500, Deduct	*-44.51*	
26 51 19 00-0028		Striplight LED Fixtures (Lithonia TZL1D) *(26 51 19 00-0007)*		
26 51 19 00-0029	EA	8,077 Lumens, 60 Watt, 8' Length, 3000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 6000LM MVOLT 30K 80CRI)	400.54	47.85
		For >50 To 100, Deduct	*-11.81*	
		For >100 To 250, Deduct	*-21.82*	
		For >250 To 500, Deduct	*-40.05*	
		For >500, Deduct	*-58.29*	

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26 51 19 00-0030	EA	8,257 Lumens, 60 Watt, 8' Length, 3500K CCT, LED Striplight (Lithonia Lighting TZL1D L96 6000LM MVOLT 35K 80CRI)	400.54	47.85
		For >50 To 100, Deduct	*-11.81*	
		For >100 To 250, Deduct	*-21.82*	
		For >250 To 500, Deduct	*-40.05*	
		For >500, Deduct	*-58.29*	
26 51 19 00-0031	EA	8,386 Lumens, 60 Watt, 8' Length, 4000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 6000LM MVOLT 40K 80CRI)	400.54	47.85
		For >50 To 100, Deduct	*-11.81*	
		For >100 To 250, Deduct	*-21.82*	
		For >250 To 500, Deduct	*-40.05*	
		For >500, Deduct	*-58.29*	
26 51 19 00-0032	EA	8,694 Lumens, 60 Watt, 8' Length, 5000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 6000LM MVOLT 50K 80CRI)	400.54	47.85
		For >50 To 100, Deduct	*-11.81*	
		For >100 To 250, Deduct	*-21.82*	
		For >250 To 500, Deduct	*-40.05*	
		For >500, Deduct	*-58.29*	
26 51 19 00-0033	EA	11,021 Lumens, 81 Watt, 8' Length, 3000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 10000LM MVOLT 30K 80CRI)	421.56	47.85
		For >50 To 100, Deduct	*-12.33*	
		For >100 To 250, Deduct	*-22.87*	
		For >250 To 500, Deduct	*-42.16*	
		For >500, Deduct	*-61.44*	
26 51 19 00-0034	EA	11,267 Lumens, 81 Watt, 8' Length, 3500K CCT, LED Striplight (Lithonia Lighting TZL1D L96 10000LM MVOLT 35K 80CRI)	421.56	47.85
		For >50 To 100, Deduct	*-12.33*	
		For >100 To 250, Deduct	*-22.87*	
		For >250 To 500, Deduct	*-42.16*	
		For >500, Deduct	*-61.44*	
26 51 19 00-0035	EA	11,442 Lumens, 81 Watt, 8' Length, 4000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 10000LM MVOLT 40K 80CRI)	421.56	47.85
		For >50 To 100, Deduct	*-12.33*	
		For >100 To 250, Deduct	*-22.87*	
		For >250 To 500, Deduct	*-42.16*	
		For >500, Deduct	*-61.44*	
26 51 19 00-0036	EA	11,864 Lumens, 81 Watt, 8' Length, 5000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 10000LM MVOLT 50K 80CRI)	421.56	47.85
		For >50 To 100, Deduct	*-12.33*	
		For >100 To 250, Deduct	*-22.87*	
		For >250 To 500, Deduct	*-42.16*	
		For >500, Deduct	*-61.44*	
26 51 19 00-0037	EA	15,397 Lumens, 121 Watt, 8' Length, 3000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 14000LM MVOLT 30K 80CRI)	442.68	47.85
		For >50 To 100, Deduct	*-12.86*	
		For >100 To 250, Deduct	*-23.93*	
		For >250 To 500, Deduct	*-44.27*	
		For >500, Deduct	*-64.61*	
26 51 19 00-0038	EA	15,741 Lumens, 121 Watt, 8' Length, 3500K CCT, LED Striplight (Lithonia Lighting TZL1D L96 14000LM MVOLT 35K 80CRI)	442.68	47.85
		For >50 To 100, Deduct	*-12.86*	
		For >100 To 250, Deduct	*-23.93*	
		For >250 To 500, Deduct	*-44.27*	
		For >500, Deduct	*-64.61*	
26 51 19 00-0039	EA	15,986 Lumens, 121 Watt, 8' Length, 4000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 14000LM MVOLT 40K 80CRI)	442.68	47.85
		For >50 To 100, Deduct	*-12.86*	
		For >100 To 250, Deduct	*-23.93*	
		For >250 To 500, Deduct	*-44.27*	
		For >500, Deduct	*-64.61*	
26 51 19 00-0040	EA	16,574 Lumens, 121 Watt, 8' Length, 5000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 14000LM MVOLT 50K 80CRI)	442.68	47.85
		For >50 To 100, Deduct	*-12.86*	
		For >100 To 250, Deduct	*-23.93*	
		For >250 To 500, Deduct	*-44.27*	
		For >500, Deduct	*-64.61*	
26 51 19 00-0041		Striplight LED Fixtures (Lithonia ZL1D) *(26 51 19 00-0007)*		
26 51 19 00-0042	EA	1,985 Lumens, 17 Watt, 2' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 1500LM MVOLT 30K 80CRI)	165.64	33.15
		For >50 To 100, Deduct	*-5.38*	
		For >100 To 250, Deduct	*-9.53*	
		For >250 To 500, Deduct	*-16.56*	
		For >500, Deduct	*-23.60*	
26 51 19 00-0043	EA	2,030 Lumens, 17 Watt, 2' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L24 1500LM MVOLT 35K 80CRI)	165.64	33.15
		For >50 To 100, Deduct	*-5.38*	
		For >100 To 250, Deduct	*-9.53*	
		For >250 To 500, Deduct	*-16.56*	
		For >500, Deduct	*-23.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0044	EA	2,061 Lumens, 17 Watt, 2' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 1500LM MVOLT 40K 80CRI)	165.64	33.15
		For >50 To 100, Deduct	*-5.38*	
		For >100 To 250, Deduct	*-9.53*	
		For >250 To 500, Deduct	*-16.56*	
		For >500, Deduct	*-23.60*	
26 51 19 00-0045	EA	2,137 Lumens, 17 Watt, 2' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 1500LM MVOLT 50K 80CRI)	165.64	33.15
		For >50 To 100, Deduct	*-5.38*	
		For >100 To 250, Deduct	*-9.53*	
		For >250 To 500, Deduct	*-16.56*	
		For >500, Deduct	*-23.60*	
26 51 19 00-0046	EA	2,682 Lumens, 22 Watt, 2' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 2500LM MVOLT 30K 80CRI)	186.76	33.15
		For >50 To 100, Deduct	*-5.91*	
		For >100 To 250, Deduct	*-10.58*	
		For >250 To 500, Deduct	*-18.68*	
		For >500, Deduct	*-26.77*	
26 51 19 00-0047	EA	2,742 Lumens, 22 Watt, 2' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L24 2500LM MVOLT 35K 80CRI)	186.76	33.15
		For >50 To 100, Deduct	*-5.91*	
		For >100 To 250, Deduct	*-10.58*	
		For >250 To 500, Deduct	*-18.68*	
		For >500, Deduct	*-26.77*	
26 51 19 00-0048	EA	2,785 Lumens, 22 Watt, 2' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 2500LM MVOLT 40K 80CRI)	186.76	33.15
		For >50 To 100, Deduct	*-5.91*	
		For >100 To 250, Deduct	*-10.58*	
		For >250 To 500, Deduct	*-18.68*	
		For >500, Deduct	*-26.77*	
26 51 19 00-0049	EA	2,887 Lumens, 22 Watt, 2' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 2500LM MVOLT 50K 80CRI)	186.76	33.15
		For >50 To 100, Deduct	*-5.91*	
		For >100 To 250, Deduct	*-10.58*	
		For >250 To 500, Deduct	*-18.68*	
		For >500, Deduct	*-26.77*	
26 51 19 00-0050	EA	4,099 Lumens, 36 Watt, 2' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 3500LM MVOLT 30K 80CRI)	197.26	33.15
		For >50 To 100, Deduct	*-6.17*	
		For >100 To 250, Deduct	*-11.11*	
		For >250 To 500, Deduct	*-19.73*	
		For >500, Deduct	*-28.35*	
26 51 19 00-0051	EA	4,190 Lumens, 36 Watt, 2' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L24 3500LM MVOLT 35K 80CRI)	197.26	33.15
		For >50 To 100, Deduct	*-6.17*	
		For >100 To 250, Deduct	*-11.11*	
		For >250 To 500, Deduct	*-19.73*	
		For >500, Deduct	*-28.35*	
26 51 19 00-0052	EA	4,255 Lumens, 36 Watt, 2' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 3500LM MVOLT 40K 80CRI)	197.26	33.15
		For >50 To 100, Deduct	*-6.17*	
		For >100 To 250, Deduct	*-11.11*	
		For >250 To 500, Deduct	*-19.73*	
		For >500, Deduct	*-28.35*	
26 51 19 00-0053	EA	4,412 Lumens, 36 Watt, 2' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 3500LM MVOLT 50K 80CRI)	197.26	33.15
		For >50 To 100, Deduct	*-6.17*	
		For >100 To 250, Deduct	*-11.11*	
		For >250 To 500, Deduct	*-19.73*	
		For >500, Deduct	*-28.35*	
26 51 19 00-0054	EA	3,880 Lumens, 30 Watt, 4' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 3000LM MVOLT 30K 80CRI)	225.14	40.44
		For >50 To 100, Deduct	*-7.15*	
		For >100 To 250, Deduct	*-12.78*	
		For >250 To 500, Deduct	*-22.51*	
		For >500, Deduct	*-32.25*	
26 51 19 00-0055	EA	3,966 Lumens, 30 Watt, 4' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L48 3000LM MVOLT 35K 80CRI)	225.14	40.44
		For >50 To 100, Deduct	*-7.15*	
		For >100 To 250, Deduct	*-12.78*	
		For >250 To 500, Deduct	*-22.51*	
		For >500, Deduct	*-32.25*	
26 51 19 00-0056	EA	4,028 Lumens, 30 Watt, 4' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 3000LM MVOLT 40K 80CRI)	225.14	40.44
		For >50 To 100, Deduct	*-7.15*	
		For >100 To 250, Deduct	*-12.78*	
		For >250 To 500, Deduct	*-22.51*	
		For >500, Deduct	*-32.25*	
26 51 19 00-0057	EA	4,176 Lumens, 30 Watt, 4' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 3000LM MVOLT 50K 80CRI)	225.14	40.44
		For >50 To 100, Deduct	*-7.15*	
		For >100 To 250, Deduct	*-12.78*	
		For >250 To 500, Deduct	*-22.51*	
		For >500, Deduct	*-32.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0058	EA	5,337 Lumens, 41 Watt, 4' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 5000LM MVOLT 30K 80CRI)	235.64	40.44
		For >50 To 100, Deduct	*-7.41*	
		For >100 To 250, Deduct	*-13.30*	
		For >250 To 500, Deduct	*-23.56*	
		For >500, Deduct	*-33.83*	
26 51 19 00-0059	EA	5,456 Lumens, 41 Watt, 4' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L48 5000LM MVOLT 35K 80CRI)	235.64	40.44
		For >50 To 100, Deduct	*-7.41*	
		For >100 To 250, Deduct	*-13.30*	
		For >250 To 500, Deduct	*-23.56*	
		For >500, Deduct	*-33.83*	
26 51 19 00-0060	EA	5,541 Lumens, 41 Watt, 4' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 5000LM MVOLT 40K 80CRI)	235.64	40.44
		For >50 To 100, Deduct	*-7.41*	
		For >100 To 250, Deduct	*-13.30*	
		For >250 To 500, Deduct	*-23.56*	
		For >500, Deduct	*-33.83*	
26 51 19 00-0061	EA	5,745 Lumens, 41 Watt, 4' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 5000LM MVOLT 50K 80CRI)	235.64	40.44
		For >50 To 100, Deduct	*-7.41*	
		For >100 To 250, Deduct	*-13.30*	
		For >250 To 500, Deduct	*-23.56*	
		For >500, Deduct	*-33.83*	
26 51 19 00-0062	EA	7,317 Lumens, 59 Watt, 4' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 7000LM MVOLT 30K 80CRI)	246.16	40.44
		For >50 To 100, Deduct	*-7.67*	
		For >100 To 250, Deduct	*-13.83*	
		For >250 To 500, Deduct	*-24.62*	
		For >500, Deduct	*-35.40*	
26 51 19 00-0063	EA	7,480 Lumens, 59 Watt, 4' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L48 7000LM MVOLT 35K 80CRI)	246.16	40.44
		For >50 To 100, Deduct	*-7.67*	
		For >100 To 250, Deduct	*-13.83*	
		For >250 To 500, Deduct	*-24.62*	
		For >500, Deduct	*-35.40*	
26 51 19 00-0064	EA	7,596 Lumens, 59 Watt, 4' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 7000LM MVOLT 40K 80CRI)	246.16	40.44
		For >50 To 100, Deduct	*-7.67*	
		For >100 To 250, Deduct	*-13.83*	
		For >250 To 500, Deduct	*-24.62*	
		For >500, Deduct	*-35.40*	
26 51 19 00-0065	EA	7,876 Lumens, 59 Watt, 4' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 7000LM MVOLT 50K 80CRI)	246.16	40.44
		For >50 To 100, Deduct	*-7.67*	
		For >100 To 250, Deduct	*-13.83*	
		For >250 To 500, Deduct	*-24.62*	
		For >500, Deduct	*-35.40*	
26 51 19 00-0066		Striplight LED Fixtures (Mobern) *(26 51 19 00-0007)*		
26 51 19 00-0067	EA	1,100 Lumens, 12 Watt, 2' Length, Chrome, LED Bracket Fixture (Mobern 7924LED12DMV30)	212.90	33.15
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 250, Deduct	*-11.89*	
		For >250 To 500, Deduct	*-21.29*	
		For >500, Deduct	*-30.69*	
26 51 19 00-0068		Striplight LED Fixtures (Eaton) *(26 51 19 00-0007)*		
26 51 19 00-0069	EA	2,301 Lumens, 18 Watt, 4' Length, LED Strip Lighting (Eaton Lighting 4SNLED-LD4-22SL-LC-UNV-L840-CD1-U)	270.69	40.44
		For >50 To 100, Deduct	*-8.29*	
		For >100 To 250, Deduct	*-15.05*	
		For >250 To 500, Deduct	*-27.07*	
		For >500, Deduct	*-39.08*	
26 51 19 00-0070	EA	2,382 Lumens, 16 Watt, 4' Length, LED Clear Lensed Striplight (Cooper Industries 4SNLED-LD5-22SL-LC-UNV-L840-CD1-U)	255.38	40.44
		For >50 To 100, Deduct	*-7.90*	
		For >100 To 250, Deduct	*-14.29*	
		For >250 To 500, Deduct	*-25.54*	
		For >500, Deduct	*-36.79*	
26 51 19 00-0071	EA	2,382 Lumens, 16 Watt, 4' Length, Clear Lens, LED Striplight (Cooper Industries Metalux Series 4SNLED-LD5-22SL-LC-UNV-830-CD1-U)	270.69	40.44
		For >50 To 100, Deduct	*-8.29*	
		For >100 To 250, Deduct	*-15.05*	
		For >250 To 500, Deduct	*-27.07*	
		For >500, Deduct	*-39.08*	
26 51 19 00-0072		Suspended Linear LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0073		Suspended, Pendant Mounted, Linear LED Fixtures (Lithonia GRD) *(26 51 19 00-0072)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0074	EA	3,303 Lumens, 25 Watt, 4' Length, 3000K CCT, 4' Length, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 30K ID800LMF)	685.52	40.44
		For >50 To 100, Deduct	*-18.66*	
		For >100 To 250, Deduct	*-35.80*	
		For >250 To 500, Deduct	*-68.55*	
		For >500, Deduct	*-101.31*	
26 51 19 00-0075	EA	3,401 Lumens, 25 Watt, 4' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 35K ID800LMF)	685.52	40.44
		For >50 To 100, Deduct	*-18.66*	
		For >100 To 250, Deduct	*-35.80*	
		For >250 To 500, Deduct	*-68.55*	
		For >500, Deduct	*-101.31*	
26 51 19 00-0076	EA	3,456 Lumens, 25 Watt, 4' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 40K ID800LMF)	685.52	40.44
		For >50 To 100, Deduct	*-18.66*	
		For >100 To 250, Deduct	*-35.80*	
		For >250 To 500, Deduct	*-68.55*	
		For >500, Deduct	*-101.31*	
26 51 19 00-0077	EA	4,033 Lumens, 32 Watt, 4' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 30K ID1000LMF)	685.52	40.44
		For >50 To 100, Deduct	*-18.66*	
		For >100 To 250, Deduct	*-35.80*	
		For >250 To 500, Deduct	*-68.55*	
		For >500, Deduct	*-101.31*	
26 51 19 00-0078	EA	4,153 Lumens, 32 Watt, 4' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 35K ID1000LMF)	685.52	40.44
		For >50 To 100, Deduct	*-18.66*	
		For >100 To 250, Deduct	*-35.80*	
		For >250 To 500, Deduct	*-68.55*	
		For >500, Deduct	*-101.31*	
26 51 19 00-0079	EA	4,220 Lumens, 32 Watt, 4' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 40K ID1000LMF)	685.52	40.44
		For >50 To 100, Deduct	*-18.66*	
		For >100 To 250, Deduct	*-35.80*	
		For >250 To 500, Deduct	*-68.55*	
		For >500, Deduct	*-101.31*	
26 51 19 00-0080	EA	4,843 Lumens, 40 Watt, 4' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 30K ID1300LMF)	685.52	40.44
		For >50 To 100, Deduct	*-18.66*	
		For >100 To 250, Deduct	*-35.80*	
		For >250 To 500, Deduct	*-68.55*	
		For >500, Deduct	*-101.31*	
26 51 19 00-0081	EA	4,987 Lumens, 40 Watt, 4' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 35K ID1300LMF)	685.52	40.44
		For >50 To 100, Deduct	*-18.66*	
		For >100 To 250, Deduct	*-35.80*	
		For >250 To 500, Deduct	*-68.55*	
		For >500, Deduct	*-101.31*	
26 51 19 00-0082	EA	5,067 Lumens, 40 Watt, 4' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 40K ID1300LMF)	685.52	40.44
		For >50 To 100, Deduct	*-18.66*	
		For >100 To 250, Deduct	*-35.80*	
		For >250 To 500, Deduct	*-68.55*	
		For >500, Deduct	*-101.31*	
26 51 19 00-0083	EA	5,841 Lumens, 51 Watt, 4' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 30K ID1500LMF)	685.52	40.44
		For >50 To 100, Deduct	*-18.66*	
		For >100 To 250, Deduct	*-35.80*	
		For >250 To 500, Deduct	*-68.55*	
		For >500, Deduct	*-101.31*	
26 51 19 00-0084	EA	6,015 Lumens, 51 Watt, 4' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 35K ID1500LMF)	685.52	40.44
		For >50 To 100, Deduct	*-18.66*	
		For >100 To 250, Deduct	*-35.80*	
		For >250 To 500, Deduct	*-68.55*	
		For >500, Deduct	*-101.31*	
26 51 19 00-0085	EA	6,111 Lumens, 51 Watt, 4' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 40K ID1500LMF)	685.52	40.44
		For >50 To 100, Deduct	*-18.66*	
		For >100 To 250, Deduct	*-35.80*	
		For >250 To 500, Deduct	*-68.55*	
		For >500, Deduct	*-101.31*	
26 51 19 00-0086	EA	6,606 Lumens, 50 Watt, 8' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 30K ID800LMF)	1,021.66	47.85
		For >50 To 100, Deduct	*-27.34*	
		For >100 To 250, Deduct	*-52.88*	
		For >250 To 500, Deduct	*-102.17*	
		For >500, Deduct	*-151.45*	
26 51 19 00-0087	EA	6,802 Lumens, 50 Watt, 8' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 35K ID800LMF)	1,021.66	47.85
		For >50 To 100, Deduct	*-27.34*	
		For >100 To 250, Deduct	*-52.88*	
		For >250 To 500, Deduct	*-102.17*	
		For >500, Deduct	*-151.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0088	EA	6,912 Lumens, 50 Watt, 8' Length, 4000K CCT,Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 40K ID800LMF)	1,021.66	47.85
		For >50 To 100, Deduct	*-27.34*	
		For >100 To 250, Deduct	*-52.88*	
		For >250 To 500, Deduct	*-102.17*	
		For >500, Deduct	*-151.45*	
26 51 19 00-0089	EA	8,066 Lumens, 64 Watt, 8' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 30K ID1000LMF)	1,021.66	47.85
		For >50 To 100, Deduct	*-27.34*	
		For >100 To 250, Deduct	*-52.88*	
		For >250 To 500, Deduct	*-102.17*	
		For >500, Deduct	*-151.45*	
26 51 19 00-0090	EA	8,303 Lumens, 64 Watt, 8' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 35K ID1000LMF)	1,021.66	47.85
		For >50 To 100, Deduct	*-27.34*	
		For >100 To 250, Deduct	*-52.88*	
		For >250 To 500, Deduct	*-102.17*	
		For >500, Deduct	*-151.45*	
26 51 19 00-0091	EA	8,440 Lumens, 64 Watt, 8' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 40K ID1000LMF)	1,021.66	47.85
		For >50 To 100, Deduct	*-27.34*	
		For >100 To 250, Deduct	*-52.88*	
		For >250 To 500, Deduct	*-102.17*	
		For >500, Deduct	*-151.45*	
26 51 19 00-0092	EA	9,686 Lumens, 80 Watt, 8' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 30K ID1300LMF)	1,021.66	47.85
		For >50 To 100, Deduct	*-27.34*	
		For >100 To 250, Deduct	*-52.88*	
		For >250 To 500, Deduct	*-102.17*	
		For >500, Deduct	*-151.45*	
26 51 19 00-0093	EA	9,974 Lumens, 80 Watt, 8' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 35K ID1300LMF)	1,021.66	47.85
		For >50 To 100, Deduct	*-27.34*	
		For >100 To 250, Deduct	*-52.88*	
		For >250 To 500, Deduct	*-102.17*	
		For >500, Deduct	*-151.45*	
26 51 19 00-0094	EA	10,134 Lumens, 80 Watt, 8' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 40K ID1300LMF)	1,021.66	47.85
		For >50 To 100, Deduct	*-27.34*	
		For >100 To 250, Deduct	*-52.88*	
		For >250 To 500, Deduct	*-102.17*	
		For >500, Deduct	*-151.45*	
26 51 19 00-0095	EA	11,682 Lumens, 102 Watt, 8' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 30K ID1500LMF)	1,021.66	47.85
		For >50 To 100, Deduct	*-27.34*	
		For >100 To 250, Deduct	*-52.88*	
		For >250 To 500, Deduct	*-102.17*	
		For >500, Deduct	*-151.45*	
26 51 19 00-0096	EA	12,030 Lumens, 102 Watt, 8' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 35K ID1500LMF)	1,021.66	47.85
		For >50 To 100, Deduct	*-27.34*	
		For >100 To 250, Deduct	*-52.88*	
		For >250 To 500, Deduct	*-102.17*	
		For >500, Deduct	*-151.45*	
26 51 19 00-0097	EA	12,222 Lumens, 102 Watt, 8' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 40K ID1500LMF)	1,021.66	47.85
		For >50 To 100, Deduct	*-27.34*	
		For >100 To 250, Deduct	*-52.88*	
		For >250 To 500, Deduct	*-102.17*	
		For >500, Deduct	*-151.45*	
26 51 19 00-0098		Suspended Linear LED Fixtures (Lithonia GRD) *(26 51 19 00-0072)*		
26 51 19 00-0099	EA	24' Length, 8' Sections, 80 CRI, 3,500K, LED Linear Fixture (Lithonia GRD 24FT MSL8 80 CRI 35K ID800LMF 20/80 MIN1 ZT 120 SCT PDT)	2,396.35	182.33
26 51 19 00-0100		Lay-In/Troffer LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0101		Prismatic Lensed, Lay-In/Troffer LED Fixtures *(26 51 19 00-0100)*		
26 51 19 00-0102		Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0101)*		
26 51 19 00-0103	EA	1' x 4', 4,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4)	570.97	40.11
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*43.74*	
		For >50 To 100, Deduct	*-15.79*	
		For >100 To 250, Deduct	*-30.07*	
		For >250 To 500, Deduct	*-57.10*	
		For >500, Deduct	*-84.13*	
26 51 19 00-0104	EA	2' x 2', 3,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL2)	323.94	44.20
		For Drywall Or Plaster Ceilings, Add	*29.84*	
		For >50 To 100, Deduct	*-9.76*	
		For >100 To 250, Deduct	*-17.85*	
		For >250 To 500, Deduct	*-32.39*	
		For >500, Deduct	*-46.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0105	EA	2' x 4', 4,600 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL4)	576.58	51.49
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*48.17*	
		For >50 To 100, Deduct	*-16.35*	
		For >100 To 250, Deduct	*-30.76*	
		For >250 To 500, Deduct	*-57.66*	
		For >500, Deduct	*-84.55*	
26 51 19 00-0106		Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lunera) *(26 51 19 00-0101)*		
26 51 19 00-0107	EA	1' x 4', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 14G4)	821.96	40.11
		For >50 To 100, Deduct	*-22.07*	
		For >100 To 250, Deduct	*-42.62*	
		For >250 To 500, Deduct	*-82.20*	
		For >500, Deduct	*-121.77*	
26 51 19 00-0108	EA	2' x 2', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 22G5)	578.28	44.20
		For >50 To 100, Deduct	*-16.11*	
		For >100 To 250, Deduct	*-30.57*	
		For >250 To 500, Deduct	*-57.83*	
		For >500, Deduct	*-85.08*	
26 51 19 00-0109	EA	2' x 4', 4,175 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 24G4)	753.31	51.49
		For >50 To 100, Deduct	*-20.77*	
		For >100 To 250, Deduct	*-39.60*	
		For >250 To 500, Deduct	*-75.33*	
		For >500, Deduct	*-111.06*	
26 51 19 00-0110		Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED) *(26 51 19 00-0101)*		
26 51 19 00-0111	EA	2,591 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	381.06	44.20
		For >50 To 100, Deduct	*-11.18*	
		For >100 To 250, Deduct	*-20.71*	
		For >250 To 500, Deduct	*-38.11*	
		For >500, Deduct	*-55.50*	
26 51 19 00-0112	EA	3,883 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	421.67	44.20
		For >50 To 100, Deduct	*-12.20*	
		For >100 To 250, Deduct	*-22.74*	
		For >250 To 500, Deduct	*-42.17*	
		For >500, Deduct	*-61.59*	
26 51 19 00-0113	EA	3,700 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-40)	358.72	44.20
		For >50 To 100, Deduct	*-10.63*	
		For >100 To 250, Deduct	*-19.59*	
		For >250 To 500, Deduct	*-35.87*	
		For >500, Deduct	*-52.15*	
26 51 19 00-0114	EA	4,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-45)	358.72	44.20
		For >50 To 100, Deduct	*-10.63*	
		For >100 To 250, Deduct	*-19.59*	
		For >250 To 500, Deduct	*-35.87*	
		For >500, Deduct	*-52.15*	
26 51 19 00-0115	EA	4,600 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-50)	385.12	44.20
		For >50 To 100, Deduct	*-11.29*	
		For >100 To 250, Deduct	*-20.91*	
		For >250 To 500, Deduct	*-38.51*	
		For >500, Deduct	*-56.11*	
26 51 19 00-0116		Volumetric, Lay-In/Troffer LED Fixtures *(26 51 19 00-0100)*		
26 51 19 00-0117		Volumetric, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0116)*		
26 51 19 00-0118	EA	1' x 4', 3,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	511.18	40.11
		For Drywall Or Plaster Ceilings, Add	*27.35*	
		For >50 To 100, Deduct	*-14.30*	
		For >100 To 250, Deduct	*-27.08*	
		For >250 To 500, Deduct	*-51.12*	
		For >500, Deduct	*-75.16*	
26 51 19 00-0119	EA	1' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	661.78	40.11
		For Drywall Or Plaster Ceilings, Add	*27.35*	
		For >50 To 100, Deduct	*-18.06*	
		For >100 To 250, Deduct	*-34.61*	
		For >250 To 500, Deduct	*-66.18*	
		For >500, Deduct	*-97.75*	
26 51 19 00-0120	EA	2' x 2', 2,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	514.55	44.20
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*42.30*	
		For >50 To 100, Deduct	*-14.52*	
		For >100 To 250, Deduct	*-27.39*	
		For >250 To 500, Deduct	*-51.46*	
		For >500, Deduct	*-75.53*	
26 51 19 00-0121	EA	2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	590.91	44.20
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*46.12*	
		For >50 To 100, Deduct	*-16.43*	
		For >100 To 250, Deduct	*-31.20*	
		For >250 To 500, Deduct	*-59.09*	
		For >500, Deduct	*-86.98*	
26 51 19 00-0122	EA	2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	652.01	44.20
		For >50 To 100, Deduct	*-17.96*	
		For >100 To 250, Deduct	*-34.26*	
		For >250 To 500, Deduct	*-65.20*	
		For >500, Deduct	*-96.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0123	EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	663.07	51.49
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*52.49*	
		For >50 To 100, Deduct	*-18.51*	
		For >100 To 250, Deduct	*-35.09*	
		For >250 To 500, Deduct	*-66.31*	
		For >500, Deduct	*-97.53*	
26 51 19 00-0124	EA	2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	724.16	51.49
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*55.55*	
		For >50 To 100, Deduct	*-20.04*	
		For >100 To 250, Deduct	*-38.14*	
		For >250 To 500, Deduct	*-72.42*	
		For >500, Deduct	*-106.69*	
26 51 19 00-0125	EA	2' x 4', 6,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	785.26	51.49
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*58.60*	
		For >50 To 100, Deduct	*-21.57*	
		For >100 To 250, Deduct	*-41.20*	
		For >250 To 500, Deduct	*-78.53*	
		For >500, Deduct	*-115.86*	
26 51 19 00-0126	EA	2' x 2', 2,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	453.47	44.20
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*39.25*	
		For >50 To 100, Deduct	*-12.99*	
		For >100 To 250, Deduct	*-24.33*	
		For >250 To 500, Deduct	*-45.35*	
		For >500, Deduct	*-66.36*	
26 51 19 00-0127	EA	2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	529.82	44.20
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*43.07*	
		For >50 To 100, Deduct	*-14.90*	
		For >100 To 250, Deduct	*-28.15*	
		For >250 To 500, Deduct	*-52.98*	
		For >500, Deduct	*-77.82*	
26 51 19 00-0128	EA	2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	575.63	44.20
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*45.36*	
		For >50 To 100, Deduct	*-16.05*	
		For >100 To 250, Deduct	*-30.44*	
		For >250 To 500, Deduct	*-57.56*	
		For >500, Deduct	*-84.69*	
26 51 19 00-0129	EA	2' x 4', 3,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	571.44	51.49
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*47.91*	
		For >50 To 100, Deduct	*-16.22*	
		For >100 To 250, Deduct	*-30.51*	
		For >250 To 500, Deduct	*-57.14*	
		For >500, Deduct	*-83.78*	
26 51 19 00-0130	EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	601.97	51.49
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*49.44*	
		For >50 To 100, Deduct	*-16.98*	
		For >100 To 250, Deduct	*-32.03*	
		For >250 To 500, Deduct	*-60.20*	
		For >500, Deduct	*-88.36*	
26 51 19 00-0131	EA	2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	663.07	51.49
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*52.49*	
		For >50 To 100, Deduct	*-18.51*	
		For >100 To 250, Deduct	*-35.09*	
		For >250 To 500, Deduct	*-66.31*	
		For >500, Deduct	*-97.53*	

26 51 19 00-0132 Architectural, Lay-In/Troffer LED Fixtures *(26 51 19 00-0100)*

26 51 19 00-0133 Architectural, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0132)*

Note: Includes 4,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.

26 51 19 00-0134	EA	2,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	366.34	51.49
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*37.66*	
		For >50 To 100, Deduct	*-11.09*	
		For >100 To 250, Deduct	*-20.25*	
		For >250 To 500, Deduct	*-36.63*	
		For >500, Deduct	*-53.02*	
26 51 19 00-0135	EA	4,300 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	428.04	51.49
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*40.74*	
		For >50 To 100, Deduct	*-12.64*	
		For >100 To 250, Deduct	*-23.34*	
		For >250 To 500, Deduct	*-42.80*	
		For >500, Deduct	*-62.27*	
26 51 19 00-0136	EA	6,400 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	483.57	51.49
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*43.52*	
		For >50 To 100, Deduct	*-14.02*	
		For >100 To 250, Deduct	*-26.11*	
		For >250 To 500, Deduct	*-48.36*	
		For >500, Deduct	*-70.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0137		Architectural, Lay-In/Troffer LED Fixtures (CREE® CR Series) *(26 51 19 00-0132)* Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0138	EA	1' x 4', 2,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	440.34	51.49
		For Expanded Size Junction Box For Through Wiring, Add	*4.61*	
		For Drywall Or Plaster Ceilings, Add	*139.95*	
		For Surface Mount, Add	*236.19*	
		For >50 To 100, Deduct	*-12.94*	
		For >100 To 250, Deduct	*-23.95*	
		For >250 To 500, Deduct	*-44.03*	
		For >500, Deduct	*-64.12*	
26 51 19 00-0139	EA	1' x 4', 3,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	474.93	51.49
		For Expanded Size Junction Box For Through Wiring, Add	*4.61*	
		For Drywall Or Plaster Ceilings, Add	*139.95*	
		For Surface Mount, Add	*236.19*	
		For >50 To 100, Deduct	*-13.81*	
		For >100 To 250, Deduct	*-25.68*	
		For >250 To 500, Deduct	*-47.49*	
		For >500, Deduct	*-69.31*	
26 51 19 00-0140	EA	1' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	474.93	51.49
		For Expanded Size Junction Box For Through Wiring, Add	*4.61*	
		For Drywall Or Plaster Ceilings, Add	*139.95*	
		For Surface Mount, Add	*236.19*	
		For >50 To 100, Deduct	*-13.81*	
		For >100 To 250, Deduct	*-25.68*	
		For >250 To 500, Deduct	*-47.49*	
		For >500, Deduct	*-69.31*	
26 51 19 00-0141	EA	1' x 4', 5,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	525.99	51.49
		For Expanded Size Junction Box For Through Wiring, Add	*4.61*	
		For Drywall Or Plaster Ceilings, Add	*139.95*	
		For Surface Mount, Add	*236.19*	
		For >50 To 100, Deduct	*-15.08*	
		For >100 To 250, Deduct	*-28.23*	
		For >250 To 500, Deduct	*-52.60*	
		For >500, Deduct	*-76.96*	
26 51 19 00-0142	EA	2' x 2', 2,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) Note: CCT 30K to 50K	409.71	44.20
		For Expanded Size Junction Box For Through Wiring, Add	*4.61*	
		For Drywall Or Plaster Ceilings, Add	*122.30*	
		For Surface Mount, Add	*222.45*	
		For >50 To 100, Deduct	*-11.90*	
		For >100 To 250, Deduct	*-22.14*	
		For >250 To 500, Deduct	*-40.97*	
		For >500, Deduct	*-59.80*	
26 51 19 00-0143	EA	2' x 2', 3,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) Note: CCT 30K to 50K	386.45	44.20
		For Expanded Size Junction Box For Through Wiring, Add	*4.61*	
		For Drywall Or Plaster Ceilings, Add	*122.30*	
		For Surface Mount, Add	*222.45*	
		For >50 To 100, Deduct	*-11.32*	
		For >100 To 250, Deduct	*-20.98*	
		For >250 To 500, Deduct	*-38.65*	
		For >500, Deduct	*-56.31*	
26 51 19 00-0144	EA	2' x 4', 2,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	459.53	51.49
		For Expanded Size Junction Box For Through Wiring, Add	*4.61*	
		For Drywall Or Plaster Ceilings, Add	*143.25*	
		For Surface Mount, Add	*257.60*	
		For >50 To 100, Deduct	*-13.42*	
		For >100 To 250, Deduct	*-24.91*	
		For >250 To 500, Deduct	*-45.95*	
		For >500, Deduct	*-67.00*	
26 51 19 00-0145	EA	2' x 4', 3,100 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	474.93	51.49
		For Expanded Size Junction Box For Through Wiring, Add	*4.61*	
		For Drywall Or Plaster Ceilings, Add	*143.25*	
		For Surface Mount, Add	*257.60*	
		For >50 To 100, Deduct	*-13.81*	
		For >100 To 250, Deduct	*-25.68*	
		For >250 To 500, Deduct	*-47.49*	
		For >500, Deduct	*-69.31*	
26 51 19 00-0146	EA	2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	474.93	51.49
		For Expanded Size Junction Box For Through Wiring, Add	*4.61*	
		For Drywall Or Plaster Ceilings, Add	*143.25*	
		For Surface Mount, Add	*257.60*	
		For >50 To 100, Deduct	*-13.81*	
		For >100 To 250, Deduct	*-25.68*	
		For >250 To 500, Deduct	*-47.49*	
		For >500, Deduct	*-69.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0147	EA	2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24 LHE™) Note: CCT 30K to 50K	605.05	51.49
		For Expanded Size Junction Box For Through Wiring, Add	*4.61*	
		For Drywall Or Plaster Ceilings, Add	*143.25*	
		For Surface Mount, Add	*257.60*	
		For >50 To 100, Deduct	*-17.06*	
		For >100 To 250, Deduct	*-32.19*	
		For >250 To 500, Deduct	*-60.51*	
		For >500, Deduct	*-88.82*	
26 51 19 00-0148	EA	2' x 4', 5,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	525.99	51.49
		For Expanded Size Junction Box For Through Wiring, Add	*4.61*	
		For Drywall Or Plaster Ceilings, Add	*143.25*	
		For Surface Mount, Add	*257.60*	
		For >50 To 100, Deduct	*-15.08*	
		For >100 To 250, Deduct	*-28.23*	
		For >250 To 500, Deduct	*-52.60*	
		For >500, Deduct	*-76.96*	

26 51 19 00-0149 Architectural, Lay-In/Troffer LED Fixtures (CREE® ZR Series) *(26 51 19 00-0132)*

Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and 22 gauge steel housing assembly. Excludes sensors.

26 51 19 00-0150	EA	1' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR14-40L-35K-10V)	288.59	51.93
		For Drywall Or Plaster Ceilings, Add	*139.95*	
		For >50 To 100, Deduct	*-9.15*	
		For >100 To 250, Deduct	*-16.36*	
		For >250 To 500, Deduct	*-28.86*	
		For >500, Deduct	*-41.35*	
		For Surface Mount, Add	*180.18*	
26 51 19 00-0151	EA	2' x 2', 3,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR22-40L-35K-10V)	258.14	44.20
		For Drywall Or Plaster Ceilings, Add	*122.30*	
		For >50 To 100, Deduct	*-8.11*	
		For >100 To 250, Deduct	*-14.56*	
		For >250 To 500, Deduct	*-25.81*	
		For >500, Deduct	*-37.06*	
		For Surface Mount, Add	*168.29*	
26 51 19 00-0152	EA	2' x 2', 3,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR22-32LHE-35K-10V)	839.48	44.20
		For Drywall Or Plaster Ceilings, Add	*122.30*	
		For >50 To 100, Deduct	*-22.64*	
		For >100 To 250, Deduct	*-43.63*	
		For >250 To 500, Deduct	*-83.95*	
		For >500, Deduct	*-124.26*	
		For Surface Mount, Add	*168.29*	
26 51 19 00-0153	EA	2' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR24-40L-35K-10V)	298.27	51.93
		For Drywall Or Plaster Ceilings, Add	*143.25*	
		For >50 To 100, Deduct	*-9.39*	
		For >100 To 250, Deduct	*-16.85*	
		For >250 To 500, Deduct	*-29.83*	
		For >500, Deduct	*-42.81*	
		For Surface Mount, Add	*199.55*	
26 51 19 00-0154	EA	2' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR24-32LHE-35K-10V)	1,044.33	51.93
		For Drywall Or Plaster Ceilings, Add	*143.25*	
		For >50 To 100, Deduct	*-28.04*	
		For >100 To 250, Deduct	*-54.15*	
		For >250 To 500, Deduct	*-104.43*	
		For >500, Deduct	*-154.72*	
		For Surface Mount, Add	*199.55*	
26 51 19 00-0155	EA	2' x 4', 5,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR24-50L-40K-10V-FD)	319.59	51.93
		For Drywall Or Plaster Ceilings, Add	*143.25*	
		For >50 To 100, Deduct	*-9.92*	
		For >100 To 250, Deduct	*-17.91*	
		For >250 To 500, Deduct	*-31.96*	
		For >500, Deduct	*-46.00*	
		For Surface Mount, Add	*199.55*	
26 51 19 00-0156	EA	1' x 4', 4,000 Lumens, Smartcast Technology, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR14-40L-35K-CMA)	366.09	51.93
		For Drywall Or Plaster Ceilings, Add	*139.95*	
		For >50 To 100, Deduct	*-11.09*	
		For >100 To 250, Deduct	*-20.24*	
		For >250 To 500, Deduct	*-36.61*	
		For >500, Deduct	*-52.98*	
		For Surface Mount, Add	*180.18*	
26 51 19 00-0157	EA	2' x 2', 4,000 Lumens, Smartcast Technology, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR22-32L-35K-CMA)	335.66	44.20
		For Drywall Or Plaster Ceilings, Add	*122.30*	
		For >50 To 100, Deduct	*-10.05*	
		For >100 To 250, Deduct	*-18.44*	
		For >250 To 500, Deduct	*-33.57*	
		For >500, Deduct	*-48.69*	
		For Surface Mount, Add	*168.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0158	EA	2' x 4', 4,000 Lumens, Smartcast Technology, Architectural, Lay-In/Troffer LED Fixture (Cree® ZR24-40L-35K-CMA)	375.79	51.93
		For Drywall Or Plaster Ceilings, Add	*143.25*	
		For >50 To 100, Deduct	*-11.33*	
		For >100 To 250, Deduct	*-20.72*	
		For >250 To 500, Deduct	*-37.58*	
		For >500, Deduct	*-54.43*	
		For Surface Mount, Add	*199.55*	

26 51 19 00-0159 Architectural, Lay-In/Troffer LED Fixtures (Metalux®) *(26 51 19 00-0132)*

Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.

26 51 19 00-0160	EA	2' x 2', 2,500 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	263.98	44.20
		For >50 To 100, Deduct	*-8.26*	
		For >100 To 250, Deduct	*-14.86*	
		For >250 To 500, Deduct	*-26.40*	
		For >500, Deduct	*-37.94*	
26 51 19 00-0161	EA	2' x 4', 4,700 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	349.63	51.49
		For >50 To 100, Deduct	*-10.67*	
		For >100 To 250, Deduct	*-19.42*	
		For >250 To 500, Deduct	*-34.96*	
		For >500, Deduct	*-50.51*	

26 51 19 00-0162 Architectural, Lay-In/Troffer LED Fixtures (Orion) *(26 51 19 00-0132)*

Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.

26 51 19 00-0163	EA	2' x 2', 3,500 Lumens, Architectural, Lay-In/Troffer LED Fixture (Orion OLRL-035L-L-UNV-FDX-840-22-1P-CT-M-LF)	313.27	44.20
		For >50 To 100, Deduct	*-9.49*	
		For >100 To 250, Deduct	*-17.32*	
		For >250 To 500, Deduct	*-31.33*	
		For >500, Deduct	*-45.33*	
26 51 19 00-0164	EA	2' x 2', 4,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Orion OLRL-041L-L-UNV-FDX-840-22-1P-CT-M-LF)	324.60	44.20
		For >50 To 100, Deduct	*-9.77*	
		For >100 To 250, Deduct	*-17.89*	
		For >250 To 500, Deduct	*-32.46*	
		For >500, Deduct	*-47.03*	
26 51 19 00-0165	EA	2' x 4', 3,500 Lumens, Architectural, Lay-In/Troffer LED Fixture (Orion OLRL-035L-L-UNV-FDX-840-24-1P-CT-M-LF)	339.06	51.93
		For >50 To 100, Deduct	*-10.41*	
		For >100 To 250, Deduct	*-18.89*	
		For >250 To 500, Deduct	*-33.91*	
		For >500, Deduct	*-48.93*	
26 51 19 00-0166	EA	2' x 4', 4,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Orion OLRL-041L-L-UNV-FDX-840-24-1P-CT-M-LF)	350.39	51.93
		For >50 To 100, Deduct	*-10.69*	
		For >100 To 250, Deduct	*-19.45*	
		For >250 To 500, Deduct	*-35.04*	
		For >500, Deduct	*-50.62*	

26 51 19 00-0167 Architectural, Lay-In/Troffer LED Fixtures (Everlast) *(26 51 19 00-0132)*

Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.

26 51 19 00-0168	EA	2' x 2', 4,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Everlast EL-LED-MQ)	417.61	44.20
		For >50 To 100, Deduct	*-12.10*	
		For >100 To 250, Deduct	*-22.54*	
		For >250 To 500, Deduct	*-41.76*	
		For >500, Deduct	*-60.98*	
26 51 19 00-0169	EA	2' x 4', 10,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Everlast EL-LED-MQ)	696.72	51.93
		For >50 To 100, Deduct	*-19.35*	
		For >100 To 250, Deduct	*-36.77*	
		For >250 To 500, Deduct	*-69.67*	
		For >500, Deduct	*-102.57*	

26 51 19 00-0170 Architectural, Lay-In/Troffer LED Fixtures (Finelite) *(26 51 19 00-0132)*

Note: Includes 3,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.

26 51 19 00-0171	EA	2' x 2', 4,301 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2)	381.61	44.20
		For >50 To 100, Deduct	*-11.20*	
		For >100 To 250, Deduct	*-20.74*	
		For >250 To 500, Deduct	*-38.16*	
		For >500, Deduct	*-55.58*	
26 51 19 00-0172	EA	2' x 4', 4,671 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2)	517.29	51.93
		For >50 To 100, Deduct	*-14.87*	
		For >100 To 250, Deduct	*-27.80*	
		For >250 To 500, Deduct	*-51.73*	
		For >500, Deduct	*-75.66*	

26 51 19 00-0173 Shadow Box Style, Lay-In/Troffer LED Fixtures *(26 51 19 00-0100)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0174		Shadow Box Style, Lay-In/Troffer LED Fixtures (Lithonia SBSL) *(26 51 19 00-0173)*		
26 51 19 00-0175	EA	2' x 2', 3,300 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL2)	605.98	44.20
		For Drywall Or Plaster Ceilings, Add	*29.84*	
		For >50 To 100, Deduct	*-16.81*	
		For >100 To 250, Deduct	*-31.96*	
		For >250 To 500, Deduct	*-60.60*	
		For >500, Deduct	*-89.24*	
26 51 19 00-0176	EA	2' x 4', 4,600 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL4)	826.67	51.49
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*60.67*	
		For >50 To 100, Deduct	*-22.60*	
		For >100 To 250, Deduct	*-43.27*	
		For >250 To 500, Deduct	*-82.67*	
		For >500, Deduct	*-122.07*	
26 51 19 00-0177		Panel Type, Lay-In/Troffer LED Fixtures *(26 51 19 00-0100)*		
26 51 19 00-0178		Panel Type, Lay-In/Troffer LED Fixtures (CREE® FP Series) *(26 51 19 00-0177)*		
26 51 19 00-0179	EA	4,000 Lumens, 1' x 4', Panel Type, Lay-In/Troffer LED Fixture (Cree® FP14-40L-35K-10V)	314.55	51.93
		For >50 To 100, Deduct	*-9.80*	
		For >100 To 250, Deduct	*-17.66*	
		For >250 To 500, Deduct	*-31.46*	
		For >500, Deduct	*-45.25*	
26 51 19 00-0180	EA	4,000 Lumens, 1' x 4', Panel Type, Lay-In/Troffer LED Fixture, 1,400 Lumens Emergency Backup (Cree® FP14-40L-35K-10V-EB14)	802.10	51.93
		For >50 To 100, Deduct	*-21.99*	
		For >100 To 250, Deduct	*-42.04*	
		For >250 To 500, Deduct	*-80.21*	
		For >500, Deduct	*-118.38*	
26 51 19 00-0181	EA	3,400 Lumens, 2' x 2', Panel Type, Lay-In/Troffer LED Fixture (Cree® FP22-34L-35K-10V)	239.25	44.20
		For >50 To 100, Deduct	*-7.64*	
		For >100 To 250, Deduct	*-13.62*	
		For >250 To 500, Deduct	*-23.93*	
		For >500, Deduct	*-34.23*	
26 51 19 00-0182	EA	5,000 Lumens, 2' x 2', Panel Type, Lay-In/Troffer LED Fixture (Cree® FP22-50L-35K-10V)	275.49	44.20
		For >50 To 100, Deduct	*-8.54*	
		For >100 To 250, Deduct	*-15.43*	
		For >250 To 500, Deduct	*-27.55*	
		For >500, Deduct	*-39.67*	
26 51 19 00-0183	EA	3,400 Lumens, 2' x 2', Panel Type, Lay-In/Troffer LED Fixture, 1,400 Lumens Emergency Backup (Cree® FP22-34L-35K-10V-EB14)	734.27	51.93
		For >50 To 100, Deduct	*-20.29*	
		For >100 To 250, Deduct	*-38.65*	
		For >250 To 500, Deduct	*-73.43*	
		For >500, Deduct	*-108.21*	
26 51 19 00-0184	EA	5,000 Lumens, 2' x 2', Panel Type, Lay-In/Troffer LED Fixture, 1,400 Lumens Emergency Backup (Cree® FP22-50L-35K-10V-EB14)	773.03	51.93
		For >50 To 100, Deduct	*-21.26*	
		For >100 To 250, Deduct	*-40.59*	
		For >250 To 500, Deduct	*-77.30*	
		For >500, Deduct	*-114.02*	
26 51 19 00-0185	EA	4,000 Lumens, 2' x 4', Panel Type, Lay-In/Troffer LED Fixture (Cree® FP24-40L-35K-10V)	332.67	51.93
		For >50 To 100, Deduct	*-10.25*	
		For >100 To 250, Deduct	*-18.57*	
		For >250 To 500, Deduct	*-33.27*	
		For >500, Deduct	*-47.97*	
26 51 19 00-0186	EA	5,000 Lumens, 2' x 4', Panel Type, Lay-In/Troffer LED Fixture (Cree® FP24-50L-35K-10V)	362.31	51.93
		For >50 To 100, Deduct	*-10.99*	
		For >100 To 250, Deduct	*-20.05*	
		For >250 To 500, Deduct	*-36.23*	
		For >500, Deduct	*-52.41*	
26 51 19 00-0187	EA	4,000 Lumens, 2' x 4', Panel Type, Lay-In/Troffer LED Fixture, 1,400 Lumens Emergency Backup (Cree® FP24-40L-35K-10V-EB14)	821.47	51.93
		For >50 To 100, Deduct	*-22.47*	
		For >100 To 250, Deduct	*-43.01*	
		For >250 To 500, Deduct	*-82.15*	
		For >500, Deduct	*-121.29*	
26 51 19 00-0188	EA	5,000 Lumens, 2' x 4', Panel Type, Lay-In/Troffer LED Fixture, 1,400 Lumens Emergency Backup (Cree® FP24-50L-35K-10V-EB14)	852.49	51.93
		For >50 To 100, Deduct	*-23.25*	
		For >100 To 250, Deduct	*-44.56*	
		For >250 To 500, Deduct	*-85.25*	
		For >500, Deduct	*-125.94*	
26 51 19 00-0189		Panel Type, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0177)*		
26 51 19 00-0190	EA	2' x 4', 4000/5000/6000 Lumens, 3500K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 2X4 40/50/60LM 35K M2)	257.81	51.49
		For >50 To 100, Deduct	*-8.38*	
		For >100 To 250, Deduct	*-14.82*	
		For >250 To 500, Deduct	*-25.78*	
		For >500, Deduct	*-36.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0191	EA	2' x 4', 4000/5000/6000 Lumens, 4000K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 2X4 40/50/60LM 40K M2)	257.81	51.49
		For >50 To 100, Deduct	*-8.38*	
		For >100 To 250, Deduct	*-14.82*	
		For >250 To 500, Deduct	*-25.78*	
		For >500, Deduct	*-36.74*	
26 51 19 00-0192	EA	2' x 2', 2400/3300/4000/Lumens, 3500K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 2X2 24/33/44LM 35K M4)	208.52	51.49
		For >50 To 100, Deduct	*-7.15*	
		For >100 To 250, Deduct	*-12.36*	
		For >250 To 500, Deduct	*-20.85*	
		For >500, Deduct	*-29.34*	
26 51 19 00-0193	EA	2' x 2', 2400/3300/4000/Lumens, 4000K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 2X2 24/33/44LM 40K M4)	208.52	51.49
		For >50 To 100, Deduct	*-7.15*	
		For >100 To 250, Deduct	*-12.36*	
		For >250 To 500, Deduct	*-20.85*	
		For >500, Deduct	*-29.34*	
26 51 19 00-0194	EA	1' x 4', 2400/3300/4000/Lumens, 3500K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 1X4 24/33/44LM 35K M4)	230.12	51.49
		For >50 To 100, Deduct	*-7.69*	
		For >100 To 250, Deduct	*-13.44*	
		For >250 To 500, Deduct	*-23.01*	
		For >500, Deduct	*-32.58*	
26 51 19 00-0195	EA	1' x 4', 2400/3300/4000/Lumens, 4000K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 1X4 24/33/44LM 40K M4)	230.12	51.49
		For >50 To 100, Deduct	*-7.69*	
		For >100 To 250, Deduct	*-13.44*	
		For >250 To 500, Deduct	*-23.01*	
		For >500, Deduct	*-32.58*	

26 51 19 00-0196 Panel Type, Lay-In/Troffer LED Fixtures (PlanLED Galaxy) *(26 51 19 00-0177)*

26 51 19 00-0197	EA	1' x 4', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL140-34)	413.98	51.49
		For >50 To 100, Deduct	*-12.28*	
		For >100 To 250, Deduct	*-22.63*	
		For >250 To 500, Deduct	*-41.40*	
		For >500, Deduct	*-60.16*	
26 51 19 00-0198	EA	2' x 2', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL220-34)	430.10	51.49
		For >50 To 100, Deduct	*-12.69*	
		For >100 To 250, Deduct	*-23.44*	
		For >250 To 500, Deduct	*-43.01*	
		For >500, Deduct	*-62.58*	
26 51 19 00-0199	EA	2' x 4', 4,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-40)	536.94	51.49
		For >50 To 100, Deduct	*-15.36*	
		For >100 To 250, Deduct	*-28.78*	
		For >250 To 500, Deduct	*-53.69*	
		For >500, Deduct	*-78.61*	
26 51 19 00-0200	EA	2' x 4', 5,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-52)	536.94	51.49
		For >50 To 100, Deduct	*-15.36*	
		For >100 To 250, Deduct	*-28.78*	
		For >250 To 500, Deduct	*-53.69*	
		For >500, Deduct	*-78.61*	

26 51 19 00-0201 Panel Type, Lay-In/Troffer LED Fixtures (Sylvania) *(26 51 19 00-0177)*

26 51 19 00-0202	EA	1' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/14G/WH)	219.18	51.49
		For Surface Mounting Kit (Sylvania SMKIT1A/14A/WH), Add	*52.98*	
		For >50 To 100, Deduct	*-7.41*	
		For >100 To 250, Deduct	*-12.89*	
		For >250 To 500, Deduct	*-21.92*	
		For >500, Deduct	*-30.94*	
26 51 19 00-0203	EA	2' x 2', 3,500 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/22G/WH)	226.09	51.49
		For >50 To 100, Deduct	*-7.59*	
		For >100 To 250, Deduct	*-13.24*	
		For >250 To 500, Deduct	*-22.61*	
		For >500, Deduct	*-31.98*	
26 51 19 00-0204	EA	2' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/24G/WH)	229.25	51.49
		For Surface Mounting Kit (Sylvania SMKIT1A/24A/WH)	*66.22*	
		For >50 To 100, Deduct	*-7.67*	
		For >100 To 250, Deduct	*-13.40*	
		For >250 To 500, Deduct	*-22.93*	
		For >500, Deduct	*-32.45*	
26 51 19 00-0205	EA	2' x 4', 3,300 Lumens, 32 Watt, 3500K CCT, LED Edge Lite Panel With Kit (Sylvania PANELF1A/032UNVD835/24G/WH_SMKIT1A/24A/WH)	527.70	51.49
		For >50 To 100, Deduct	*-15.13*	
		For >100 To 250, Deduct	*-28.32*	
		For >250 To 500, Deduct	*-52.77*	
		For >500, Deduct	*-77.22*	

26 51 19 00-0206 Surface Mount LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0207 Surface Mount, Volumetric LED Fixtures (Lithonia STL) *(26 51 19 00-0206)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 51 19 00-0208	EA	2' Length, 2,200 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL2)	320.20	33.15
			For >50 To 100, Deduct	*-9.25*	
			For >100 To 250, Deduct	*-17.25*	
			For >250 To 500, Deduct	*-32.02*	
			For >500, Deduct	*-46.79*	
	26 51 19 00-0209	EA	4' Length, 3,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	327.89	40.44
			For >50 To 100, Deduct	*-9.72*	
			For >100 To 250, Deduct	*-17.91*	
			For >250 To 500, Deduct	*-32.79*	
			For >500, Deduct	*-47.66*	
	26 51 19 00-0210	EA	4' Length, 4,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	324.76	40.44
			For >50 To 100, Deduct	*-9.64*	
			For >100 To 250, Deduct	*-17.76*	
			For >250 To 500, Deduct	*-32.48*	
			For >500, Deduct	*-47.19*	
	26 51 19 00-0211		Surface Mount, Wraparound LED Fixtures (Lithonia LBL) *(26 51 19 00-0206)*		
	26 51 19 00-0212	EA	2' Length, 2,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL2)	262.96	33.15
			For >50 To 100, Deduct	*-7.82*	
			For >100 To 250, Deduct	*-14.39*	
			For >250 To 500, Deduct	*-26.30*	
			For >500, Deduct	*-38.20*	
	26 51 19 00-0213	EA	4' Length, 4,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL4)	345.20	40.44
			For >50 To 100, Deduct	*-10.15*	
			For >100 To 250, Deduct	*-18.78*	
			For >250 To 500, Deduct	*-34.52*	
			For >500, Deduct	*-50.26*	
	26 51 19 00-0214		Surface Mount, Shadow Box Style LED Fixtures *(26 51 19 00-0206)*		
	26 51 19 00-0215		Surface Mount, Shadow Box Style LED Fixtures (Lithonia SBSLX) *(26 51 19 00-0214)*		
	26 51 19 00-0216	EA	2' x 2', 3,300 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX2)	777.32	44.20
			For >50 To 100, Deduct	*-21.09*	
			For >100 To 250, Deduct	*-40.52*	
			For >250 To 500, Deduct	*-77.73*	
			For >500, Deduct	*-114.94*	
	26 51 19 00-0217	EA	2' x 4', 4,600 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX4)	998.01	51.49
			For >50 To 100, Deduct	*-26.88*	
			For >100 To 250, Deduct	*-51.83*	
			For >250 To 500, Deduct	*-99.80*	
			For >500, Deduct	*-147.77*	
	26 51 19 00-0218		Surface Mount, Low Profile Fixtures *(26 51 19 00-0206)*		
	26 51 19 00-0219	EA	6" Diameter, 993 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8538-90)	104.27	30.29
			For >50 To 100, Deduct	*-4.12*	
			For >100 To 250, Deduct	*-6.73*	
			For >250 To 500, Deduct	*-10.43*	
			For >500, Deduct	*-14.13*	
	26 51 19 00-0220	EA	6" Diameter, 1,215 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8569)	85.30	30.29
			For >50 To 100, Deduct	*-3.65*	
			For >100 To 250, Deduct	*-5.78*	
			For >250 To 500, Deduct	*-8.53*	
			For >500, Deduct	*-11.28*	
	26 51 19 00-0221	EA	13" Diameter, 1,400 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 4329)	144.10	30.29
			For >50 To 100, Deduct	*-5.12*	
			For >100 To 250, Deduct	*-8.72*	
			For >250 To 500, Deduct	*-14.41*	
			For >500, Deduct	*-20.10*	
	26 51 19 00-0222	EA	15" Diameter, 2,100 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting 4330)	174.45	30.29
			For >50 To 100, Deduct	*-5.88*	
			For >100 To 250, Deduct	*-10.24*	
			For >250 To 500, Deduct	*-17.45*	
			For >500, Deduct	*-24.65*	
	26 51 19 00-0223		Surface Mount, LED Disc Light Fixtures *(26 51 19 00-0206)*		
	26 51 19 00-0224	EA	Surface Frame Octagonal Junction Box, EM Driver, 1-10V Dimming, 1,500 Lumens (DMF DRDH-N-JO-150SEMS)	84.96	30.29
			For >50 To 100, Deduct	*-3.64*	
			For >100 To 250, Deduct	*-5.76*	
			For >250 To 500, Deduct	*-8.50*	
			For >500, Deduct	*-11.23*	
	26 51 19 00-0225	EA	8" Round, 1,500 Lumens, 17 Watt, 3500K, 120 Volt, 0-10V Dimming, Surface Mounted Disc Light Fixture (DMF DRD5S-8-R-15-9-35-O)	157.02	30.29
			For >50 To 100, Deduct	*-5.44*	
			For >100 To 250, Deduct	*-9.37*	
			For >250 To 500, Deduct	*-15.70*	
			For >500, Deduct	*-22.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0226	EA	8" Round, 1,500 Lumens, 17 Watt, 3500K, 120 Volt, 0-10V Dimming, Surface Mounted Disc Light Fixture With Emergencey Battery (DMF DRD5S-8-R-15-9-35-O-A-EM)	190.77	30.29
		For >50 To 100, Deduct	*-6.28*	
		For >100 To 250, Deduct	*-11.05*	
		For >250 To 500, Deduct	*-19.08*	
		For >500, Deduct	*-27.10*	

26 51 19 00-0227 Recessed LED Downlights *(26 51 19 00-0001)*

26 51 19 00-0228 Recessed LED Downlights *(26 51 19 00-0227)*

26 51 19 00-0229 Recessed LED Downlights (Lithonia) *(26 51 19 00-0228)*

Note: Includes housing and trim.

26 51 19 00-0230	EA	8" Diameter, 1,200 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)	366.34	53.22
		For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	*75.84*	
		For >50 To 100, Deduct	*-11.15*	
		For >100 To 250, Deduct	*-20.31*	
		For >250 To 500, Deduct	*-36.63*	
		For >500, Deduct	*-52.96*	
26 51 19 00-0231	EA	8" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)	397.19	53.22
		For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	*75.84*	
		For >50 To 100, Deduct	*-11.93*	
		For >100 To 250, Deduct	*-21.86*	
		For >250 To 500, Deduct	*-39.72*	
		For >500, Deduct	*-57.58*	

26 51 19 00-0232 Recessed LED Downlights (Portfolio®) *(26 51 19 00-0228)*

Note: Includes housing and trim.

26 51 19 00-0233	EA	4" Diameter, 1,300 Lumens, Recessed LED Downlight With Open Trim (Portfolio® LD413)	235.13	53.22
		For >50 To 100, Deduct	*-7.87*	
		For >100 To 250, Deduct	*-13.75*	
		For >250 To 500, Deduct	*-23.51*	
		For >500, Deduct	*-33.27*	

26 51 19 00-0234 Recessed LED Downlights (Gotham® EVO®) *(26 51 19 00-0228)*

Note: Includes housing and trim.

26 51 19 00-0235	EA	6" Diameter, 1,800 Lumens, Recessed LED Downlight With Open Trim (Gotham® EVO® ALED)	310.40	53.22
		For >50 To 100, Deduct	*-9.76*	
		For >100 To 250, Deduct	*-17.52*	
		For >250 To 500, Deduct	*-31.04*	
		For >500, Deduct	*-44.56*	
26 51 19 00-0236	EA	6" Diameter, 1,800 Lumens, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED)	320.34	53.22
		For >50 To 100, Deduct	*-10.00*	
		For >100 To 250, Deduct	*-18.01*	
		For >250 To 500, Deduct	*-32.03*	
		For >500, Deduct	*-46.06*	
26 51 19 00-0237	EA	6" Diameter, 1,800 Lumens, Recessed LED Wallwash Downlight With Specular Reflector Trim (Gotham® EVO® DLWLED)	361.13	53.22
		For >50 To 100, Deduct	*-11.02*	
		For >100 To 250, Deduct	*-20.05*	
		For >250 To 500, Deduct	*-36.11*	
		For >500, Deduct	*-52.17*	
26 51 19 00-0238	EA	6" Diameter, 1,800 Lumens, Decorative Recessed LED Downlight With Glass Drop Luminous Ring (Gotham® EVO® ALED)	365.11	53.22
		For >50 To 100, Deduct	*-11.12*	
		For >100 To 250, Deduct	*-20.25*	
		For >250 To 500, Deduct	*-36.51*	
		For >500, Deduct	*-52.77*	
26 51 19 00-0239	EA	6" Diameter, 1,800 Lumens, Vandal Resistant, Recessed LED Downlight With Tempered Prismatic Lens (Gotham® EVO® VRALED)	399.92	53.22
		For >50 To 100, Deduct	*-11.99*	
		For >100 To 250, Deduct	*-21.99*	
		For >250 To 500, Deduct	*-39.99*	
		For >500, Deduct	*-57.99*	

26 51 19 00-0240 Recessed LED Downlights (Lightolier) *(26 51 19 00-0228)*

Note: Includes housing and trim.

26 51 19 00-0241	EA	4" Diameter, 500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L05DL)	581.80	53.22
		For >50 To 100, Deduct	*-16.54*	
		For >100 To 250, Deduct	*-31.09*	
		For >250 To 500, Deduct	*-58.18*	
		For >500, Deduct	*-85.27*	
26 51 19 00-0242	EA	4" Diameter, 1,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L10DL)	682.45	53.22
		For >50 To 100, Deduct	*-19.06*	
		For >100 To 250, Deduct	*-36.12*	
		For >250 To 500, Deduct	*-68.25*	
		For >500, Deduct	*-100.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0243	EA	6" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	732.66	53.22
		For >50 To 100, Deduct	*-20.31*	
		For >100 To 250, Deduct	*-38.63*	
		For >250 To 500, Deduct	*-73.27*	
		For >500, Deduct	*-107.90*	
26 51 19 00-0244	EA	6" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	732.66	53.22
		For >50 To 100, Deduct	*-20.31*	
		For >100 To 250, Deduct	*-38.63*	
		For >250 To 500, Deduct	*-73.27*	
		For >500, Deduct	*-107.90*	
26 51 19 00-0245	EA	7" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	757.88	53.22
		For >50 To 100, Deduct	*-20.94*	
		For >100 To 250, Deduct	*-39.89*	
		For >250 To 500, Deduct	*-75.79*	
		For >500, Deduct	*-111.69*	
26 51 19 00-0246	EA	7" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	783.11	53.22
		For >50 To 100, Deduct	*-21.57*	
		For >100 To 250, Deduct	*-41.15*	
		For >250 To 500, Deduct	*-78.31*	
		For >500, Deduct	*-115.47*	

26 51 19 00-0247 Recessed LED Downlights (Cooper) *(26 51 19 00-0228)*

26 51 19 00-0248	EA	600 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5606827)	150.06	53.22
		For >50 To 100, Deduct	*-5.75*	
		For >100 To 250, Deduct	*-9.50*	
		For >250 To 500, Deduct	*-15.01*	
		For >500, Deduct	*-20.51*	
26 51 19 00-0249	EA	600 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5606830)	150.06	53.22
		For >50 To 100, Deduct	*-5.75*	
		For >100 To 250, Deduct	*-9.50*	
		For >250 To 500, Deduct	*-15.01*	
		For >500, Deduct	*-20.51*	
26 51 19 00-0250	EA	600 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5606835)	150.06	53.22
		For >50 To 100, Deduct	*-5.75*	
		For >100 To 250, Deduct	*-9.50*	
		For >250 To 500, Deduct	*-15.01*	
		For >500, Deduct	*-20.51*	
26 51 19 00-0251	EA	600 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5606840)	150.06	53.22
		For >50 To 100, Deduct	*-5.75*	
		For >100 To 250, Deduct	*-9.50*	
		For >250 To 500, Deduct	*-15.01*	
		For >500, Deduct	*-20.51*	
26 51 19 00-0252	EA	900 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5609827)	152.67	53.22
		For >50 To 100, Deduct	*-5.81*	
		For >100 To 250, Deduct	*-9.63*	
		For >250 To 500, Deduct	*-15.27*	
		For >500, Deduct	*-20.90*	
26 51 19 00-0253	EA	900 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5609830)	152.67	53.22
		For >50 To 100, Deduct	*-5.81*	
		For >100 To 250, Deduct	*-9.63*	
		For >250 To 500, Deduct	*-15.27*	
		For >500, Deduct	*-20.90*	
26 51 19 00-0254	EA	900 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5609835)	152.67	53.22
		For >50 To 100, Deduct	*-5.81*	
		For >100 To 250, Deduct	*-9.63*	
		For >250 To 500, Deduct	*-15.27*	
		For >500, Deduct	*-20.90*	
26 51 19 00-0255	EA	900 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5609840)	152.67	53.22
		For >50 To 100, Deduct	*-5.81*	
		For >100 To 250, Deduct	*-9.63*	
		For >250 To 500, Deduct	*-15.27*	
		For >500, Deduct	*-20.90*	
26 51 19 00-0256	EA	1,200 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5612827)	188.14	53.22
		For >50 To 100, Deduct	*-6.70*	
		For >100 To 250, Deduct	*-11.40*	
		For >250 To 500, Deduct	*-18.81*	
		For >500, Deduct	*-26.23*	
26 51 19 00-0257	EA	1,200 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5612830)	186.34	53.22
		For >50 To 100, Deduct	*-6.65*	
		For >100 To 250, Deduct	*-11.31*	
		For >250 To 500, Deduct	*-18.63*	
		For >500, Deduct	*-25.96*	
26 51 19 00-0258	EA	1,200 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5612835)	186.34	53.22
		For >50 To 100, Deduct	*-6.65*	
		For >100 To 250, Deduct	*-11.31*	
		For >250 To 500, Deduct	*-18.63*	
		For >500, Deduct	*-25.96*	
26 51 19 00-0259	EA	1,200 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5612840)	186.34	53.22
		For >50 To 100, Deduct	*-6.65*	
		For >100 To 250, Deduct	*-11.31*	
		For >250 To 500, Deduct	*-18.63*	
		For >500, Deduct	*-25.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0260	EA	5" LED Trim, Polymer Dead-Front, Shallow White Baffle And Flange (Cooper Halo 591WB)	88.50	16.94
		For >50 To 100, Deduct	*-2.85*	
		For >100 To 250, Deduct	*-5.06*	
		For >250 To 500, Deduct	*-8.85*	
		For >500, Deduct	*-12.64*	
26 51 19 00-0261	EA	5" LED Trim, Specular Reflector And White Flange (Cooper Halo 592SC)	56.04	16.94
		For >50 To 100, Deduct	*-2.04*	
		For >100 To 250, Deduct	*-3.44*	
		For >250 To 500, Deduct	*-5.60*	
		For >500, Deduct	*-7.77*	
26 51 19 00-0262	EA	5" LED Trim, Haze Reflector And White Flange (Cooper Halo 592H)	70.01	16.94
		For >50 To 100, Deduct	*-2.39*	
		For >100 To 250, Deduct	*-4.14*	
		For >250 To 500, Deduct	*-7.00*	
		For >500, Deduct	*-9.87*	
26 51 19 00-0263	EA	5" LED Trim, White Reflector And Flange (Cooper Halo 592W)	58.85	16.94
		For >50 To 100, Deduct	*-2.11*	
		For >100 To 250, Deduct	*-3.58*	
		For >250 To 500, Deduct	*-5.89*	
		For >500, Deduct	*-8.19*	
26 51 19 00-0264	EA	5" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 593WB)	47.44	16.94
		For >50 To 100, Deduct	*-1.82*	
		For >100 To 250, Deduct	*-3.01*	
		For >250 To 500, Deduct	*-4.74*	
		For >500, Deduct	*-6.48*	
26 51 19 00-0265	EA	5" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 593BB)	58.35	16.94
		For >50 To 100, Deduct	*-2.09*	
		For >100 To 250, Deduct	*-3.55*	
		For >250 To 500, Deduct	*-5.84*	
		For >500, Deduct	*-8.12*	
26 51 19 00-0266	EA	5" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 593SNB)	65.00	16.94
		For >50 To 100, Deduct	*-2.26*	
		For >100 To 250, Deduct	*-3.89*	
		For >250 To 500, Deduct	*-6.50*	
		For >500, Deduct	*-9.12*	
26 51 19 00-0267	EA	5" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 593TBZB)	70.92	16.94
		For >50 To 100, Deduct	*-2.41*	
		For >100 To 250, Deduct	*-4.18*	
		For >250 To 500, Deduct	*-7.09*	
		For >500, Deduct	*-10.00*	
26 51 19 00-0268	EA	5" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 594WB)	82.48	16.94
		For >50 To 100, Deduct	*-2.70*	
		For >100 To 250, Deduct	*-4.76*	
		For >250 To 500, Deduct	*-8.25*	
		For >500, Deduct	*-11.74*	
26 51 19 00-0269	EA	5" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 594SNB)	82.86	16.94
		For >50 To 100, Deduct	*-2.71*	
		For >100 To 250, Deduct	*-4.78*	
		For >250 To 500, Deduct	*-8.29*	
		For >500, Deduct	*-11.79*	
26 51 19 00-0270	EA	5" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 594TBZB)	81.20	16.94
		For >50 To 100, Deduct	*-2.67*	
		For >100 To 250, Deduct	*-4.70*	
		For >250 To 500, Deduct	*-8.12*	
		For >500, Deduct	*-11.55*	
26 51 19 00-0271	EA	5" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 595WW)	100.17	16.94
		For >50 To 100, Deduct	*-3.14*	
		For >100 To 250, Deduct	*-5.64*	
		For >250 To 500, Deduct	*-10.02*	
		For >500, Deduct	*-14.39*	
26 51 19 00-0272	EA	5" LED Trim, White Shallow Baffle And Flange (Cooper Halo 596WB)	47.85	16.94
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 250, Deduct	*-3.03*	
		For >250 To 500, Deduct	*-4.79*	
		For >500, Deduct	*-6.54*	
26 51 19 00-0273	EA	6" LED Trim, Polymer Dead-Front, White Shallow Baffle And Flange (Cooper Halo 691WB)	85.72	16.94
		For >50 To 100, Deduct	*-2.78*	
		For >100 To 250, Deduct	*-4.92*	
		For >250 To 500, Deduct	*-8.57*	
		For >500, Deduct	*-12.22*	
26 51 19 00-0274	EA	6" LED Trim, Specular Reflector And White Flange (Cooper Halo 692SC)	72.95	16.94
		For >50 To 100, Deduct	*-2.46*	
		For >100 To 250, Deduct	*-4.28*	
		For >250 To 500, Deduct	*-7.30*	
		For >500, Deduct	*-10.31*	
26 51 19 00-0275	EA	6" LED Trim, Haze Reflector And White Flange (Cooper Halo 692H)	68.47	16.94
		For >50 To 100, Deduct	*-2.35*	
		For >100 To 250, Deduct	*-4.06*	
		For >250 To 500, Deduct	*-6.85*	
		For >500, Deduct	*-9.64*	
26 51 19 00-0276	EA	6" LED Trim, White Reflector And Flange (Cooper Halo 692W)	61.08	16.94
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 250, Deduct	*-3.69*	
		For >250 To 500, Deduct	*-6.11*	
		For >500, Deduct	*-8.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0277	EA	6" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 693WB)	61.62	16.94
		For >50 To 100, Deduct	*-2.18*	
		For >100 To 250, Deduct	*-3.72*	
		For >250 To 500, Deduct	*-6.16*	
		For >500, Deduct	*-8.61*	
26 51 19 00-0278	EA	6" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 693BB)	66.36	16.94
		For >50 To 100, Deduct	*-2.29*	
		For >100 To 250, Deduct	*-3.95*	
		For >250 To 500, Deduct	*-6.64*	
		For >500, Deduct	*-9.32*	
26 51 19 00-0279	EA	6" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 693SNB)	60.79	16.94
		For >50 To 100, Deduct	*-2.15*	
		For >100 To 250, Deduct	*-3.67*	
		For >250 To 500, Deduct	*-6.08*	
		For >500, Deduct	*-8.48*	
26 51 19 00-0280	EA	6" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 693TBZB)	75.91	16.94
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 250, Deduct	*-4.43*	
		For >250 To 500, Deduct	*-7.59*	
		For >500, Deduct	*-10.75*	
26 51 19 00-0281	EA	6" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 694WB)	82.29	16.94
		For >50 To 100, Deduct	*-2.69*	
		For >100 To 250, Deduct	*-4.75*	
		For >250 To 500, Deduct	*-8.23*	
		For >500, Deduct	*-11.71*	
26 51 19 00-0282	EA	6" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 694SNB)	103.49	16.94
		For >50 To 100, Deduct	*-3.22*	
		For >100 To 250, Deduct	*-5.81*	
		For >250 To 500, Deduct	*-10.35*	
		For >500, Deduct	*-14.89*	
26 51 19 00-0283	EA	6" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 694TBZB)	100.83	16.94
		For >50 To 100, Deduct	*-3.16*	
		For >100 To 250, Deduct	*-5.68*	
		For >250 To 500, Deduct	*-10.08*	
		For >500, Deduct	*-14.49*	
26 51 19 00-0284	EA	6" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 695WW)	102.00	16.94
		For >50 To 100, Deduct	*-3.19*	
		For >100 To 250, Deduct	*-5.74*	
		For >250 To 500, Deduct	*-10.20*	
		For >500, Deduct	*-14.67*	
26 51 19 00-0285	EA	6" LED Trim, White Shallow Baffle And Flange (Cooper Halo 696WB)	62.26	16.94
		For >50 To 100, Deduct	*-2.19*	
		For >100 To 250, Deduct	*-3.75*	
		For >250 To 500, Deduct	*-6.23*	
		For >500, Deduct	*-8.70*	
26 51 19 00-0286	EA	6" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H750ICAT)	60.13	36.29
		For >50 To 100, Deduct	*-2.86*	
		For >100 To 250, Deduct	*-4.37*	
		For >250 To 500, Deduct	*-6.01*	
		For >500, Deduct	*-7.66*	
26 51 19 00-0287	EA	6" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H750RICAT)	65.32	36.29
		For >50 To 100, Deduct	*-2.99*	
		For >100 To 250, Deduct	*-4.63*	
		For >250 To 500, Deduct	*-6.53*	
		For >500, Deduct	*-8.44*	
26 51 19 00-0288	EA	6" LED, Non-IC, Air-Tite, New Construction Housing (Cooper Halo H750T)	63.24	36.29
		For >50 To 100, Deduct	*-2.94*	
		For >100 To 250, Deduct	*-4.52*	
		For >250 To 500, Deduct	*-6.32*	
		For >500, Deduct	*-8.13*	
26 51 19 00-0289	EA	6" LED, Non-IC, New Construction/Remodel Chicago Plenum Housing (Cooper Halo H750TCP)	83.70	36.29
		For >50 To 100, Deduct	*-3.45*	
		For >100 To 250, Deduct	*-5.55*	
		For >250 To 500, Deduct	*-8.37*	
		For >500, Deduct	*-11.19*	
26 51 19 00-0290	EA	6" LED, Shallow, Insulated Ceiling, Air-Tite, New Constr. (Cooper Halo H2750ICAT)	81.30	36.29
		For >50 To 100, Deduct	*-3.39*	
		For >100 To 250, Deduct	*-5.43*	
		For >250 To 500, Deduct	*-8.13*	
		For >500, Deduct	*-10.83*	
26 51 19 00-0291	EA	6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H7ICAT)	66.03	36.29
		For >50 To 100, Deduct	*-3.01*	
		For >100 To 250, Deduct	*-4.66*	
		For >250 To 500, Deduct	*-6.60*	
		For >500, Deduct	*-8.54*	
26 51 19 00-0292	EA	6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H7RICAT)	69.53	36.29
		For >50 To 100, Deduct	*-3.10*	
		For >100 To 250, Deduct	*-4.84*	
		For >250 To 500, Deduct	*-6.95*	
		For >500, Deduct	*-9.07*	
26 51 19 00-0293	EA	6" Insulated Ceiling, New Construction Housing (Cooper Halo H7ICT)	65.30	36.29
		For >50 To 100, Deduct	*-2.99*	
		For >100 To 250, Deduct	*-4.63*	
		For >250 To 500, Deduct	*-6.53*	
		For >500, Deduct	*-8.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0294	EA	6" Insulated Ceiling, Remodel Housing (Cooper Halo H7RICT)	69.13	36.29
		For >50 To 100, Deduct	*-3.09*	
		For >100 To 250, Deduct	*-4.82*	
		For >250 To 500, Deduct	*-6.91*	
		For >500, Deduct	*-9.01*	
26 51 19 00-0295	EA	6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo H7ICATNB)	65.94	36.29
		For >50 To 100, Deduct	*-3.01*	
		For >100 To 250, Deduct	*-4.66*	
		For >250 To 500, Deduct	*-6.59*	
		For >500, Deduct	*-8.53*	
26 51 19 00-0296	EA	6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo H7ICTNB)	65.58	36.29
		For >50 To 100, Deduct	*-3.00*	
		For >100 To 250, Deduct	*-4.64*	
		For >250 To 500, Deduct	*-6.56*	
		For >500, Deduct	*-8.48*	
26 51 19 00-0297	EA	6" Non-IC, New Construction Housing (Cooper Halo H7T)	68.34	36.29
		For >50 To 100, Deduct	*-3.07*	
		For >100 To 250, Deduct	*-4.78*	
		For >250 To 500, Deduct	*-6.83*	
		For >500, Deduct	*-8.89*	
26 51 19 00-0298	EA	6" Non-IC, Remodel Housing (Cooper Halo H7RT)	69.84	36.29
		For >50 To 100, Deduct	*-3.11*	
		For >100 To 250, Deduct	*-4.85*	
		For >250 To 500, Deduct	*-6.98*	
		For >500, Deduct	*-9.12*	
26 51 19 00-0299	EA	6" Non-IC, New Construction Housing, No Socket Bracket (Cooper Halo H7TNB)	70.32	36.29
		For >50 To 100, Deduct	*-3.12*	
		For >100 To 250, Deduct	*-4.88*	
		For >250 To 500, Deduct	*-7.03*	
		For >500, Deduct	*-9.19*	
26 51 19 00-0300	EA	6" Non-IC, Chicago Plenum, New Construction/Remodel Housing (Cooper Halo H7TCP)	93.49	36.29
		For >50 To 100, Deduct	*-3.70*	
		For >100 To 250, Deduct	*-6.04*	
		For >250 To 500, Deduct	*-9.35*	
		For >500, Deduct	*-12.66*	
26 51 19 00-0301	EA	6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo H7UICT)	87.68	36.29
		For >50 To 100, Deduct	*-3.55*	
		For >100 To 250, Deduct	*-5.74*	
		For >250 To 500, Deduct	*-8.77*	
		For >500, Deduct	*-11.79*	
26 51 19 00-0302	EA	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo H7UICAT)	88.35	36.29
		For >50 To 100, Deduct	*-3.57*	
		For >100 To 250, Deduct	*-5.78*	
		For >250 To 500, Deduct	*-8.84*	
		For >500, Deduct	*-11.89*	
26 51 19 00-0303	EA	6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI700AT)	92.24	36.29
		For >50 To 100, Deduct	*-3.67*	
		For >100 To 250, Deduct	*-5.97*	
		For >250 To 500, Deduct	*-9.22*	
		For >500, Deduct	*-12.48*	
26 51 19 00-0304	EA	6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI700RAT)	92.24	36.29
		For >50 To 100, Deduct	*-3.67*	
		For >100 To 250, Deduct	*-5.97*	
		For >250 To 500, Deduct	*-9.22*	
		For >500, Deduct	*-12.48*	
26 51 19 00-0305	EA	6" Insulated Ceiling, New Construction Housing (Cooper Halo EI700)	92.24	36.29
		For >50 To 100, Deduct	*-3.67*	
		For >100 To 250, Deduct	*-5.97*	
		For >250 To 500, Deduct	*-9.22*	
		For >500, Deduct	*-12.48*	
26 51 19 00-0306	EA	6" Insulated Ceiling, Remodel Housing (Cooper Halo EI700R)	92.24	36.29
		For >50 To 100, Deduct	*-3.67*	
		For >100 To 250, Deduct	*-5.97*	
		For >250 To 500, Deduct	*-9.22*	
		For >500, Deduct	*-12.48*	
26 51 19 00-0307	EA	6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo EI700ATNB)	92.24	36.29
		For >50 To 100, Deduct	*-3.67*	
		For >100 To 250, Deduct	*-5.97*	
		For >250 To 500, Deduct	*-9.22*	
		For >500, Deduct	*-12.48*	
26 51 19 00-0308	EA	6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo EI700NB)	82.07	36.29
		For >50 To 100, Deduct	*-3.41*	
		For >100 To 250, Deduct	*-5.46*	
		For >250 To 500, Deduct	*-8.21*	
		For >500, Deduct	*-10.95*	
26 51 19 00-0309	EA	6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo EI700U)	82.07	36.29
		For >50 To 100, Deduct	*-3.41*	
		For >100 To 250, Deduct	*-5.46*	
		For >250 To 500, Deduct	*-8.21*	
		For >500, Deduct	*-10.95*	
26 51 19 00-0310	EA	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo EI700UAT)	82.07	36.29
		For >50 To 100, Deduct	*-3.41*	
		For >100 To 250, Deduct	*-5.46*	
		For >250 To 500, Deduct	*-8.21*	
		For >500, Deduct	*-10.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0311	EA	6" Non-IC, New Construction Housing (Cooper Halo ET700)	82.07	36.29
		For >50 To 100, Deduct	*-3.41*	
		For >100 To 250, Deduct	*-5.46*	
		For >250 To 500, Deduct	*-8.21*	
		For >500, Deduct	*-10.95*	
26 51 19 00-0312	EA	6" Non-IC, Remodel Housing (Cooper Halo ET700R)	82.07	36.29
		For >50 To 100, Deduct	*-3.41*	
		For >100 To 250, Deduct	*-5.46*	
		For >250 To 500, Deduct	*-8.21*	
		For >500, Deduct	*-10.95*	
26 51 19 00-0313	EA	6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H27ICAT)	82.81	36.29
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-5.50*	
		For >250 To 500, Deduct	*-8.28*	
		For >500, Deduct	*-11.06*	
26 51 19 00-0314	EA	6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H27RICAT)	94.24	36.29
		For >50 To 100, Deduct	*-3.72*	
		For >100 To 250, Deduct	*-6.07*	
		For >250 To 500, Deduct	*-9.42*	
		For >500, Deduct	*-12.78*	
26 51 19 00-0315	EA	6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo H27ICT)	82.81	36.29
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-5.50*	
		For >250 To 500, Deduct	*-8.28*	
		For >500, Deduct	*-11.06*	
26 51 19 00-0316	EA	6" Shallow, Insulated Ceiling, Remodel Housing (Cooper Halo H27RICT)	91.01	36.29
		For >50 To 100, Deduct	*-3.64*	
		For >100 To 250, Deduct	*-5.91*	
		For >250 To 500, Deduct	*-9.10*	
		For >500, Deduct	*-12.29*	
26 51 19 00-0317	EA	6" Shallow, Non-IC, New Construction Housing (Cooper Halo H27T)	78.18	36.29
		For >50 To 100, Deduct	*-3.32*	
		For >100 To 250, Deduct	*-5.27*	
		For >250 To 500, Deduct	*-7.82*	
		For >500, Deduct	*-10.37*	
26 51 19 00-0318	EA	6" Shallow, Non-IC, Remodel Housing (Cooper Halo H27RT)	79.30	36.29
		For >50 To 100, Deduct	*-3.34*	
		For >100 To 250, Deduct	*-5.33*	
		For >250 To 500, Deduct	*-7.93*	
		For >500, Deduct	*-10.53*	
26 51 19 00-0319	EA	6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo EI2700AT)	87.29	36.29
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-5.73*	
		For >250 To 500, Deduct	*-8.73*	
		For >500, Deduct	*-11.73*	
26 51 19 00-0320	EA	6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo EI2700)	87.29	36.29
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-5.73*	
		For >250 To 500, Deduct	*-8.73*	
		For >500, Deduct	*-11.73*	
26 51 19 00-0321	EA	6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI2700R)	87.29	36.29
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-5.73*	
		For >250 To 500, Deduct	*-8.73*	
		For >500, Deduct	*-11.73*	
26 51 19 00-0322	EA	6" Shallow, Non-IC, New Construction Housing (Cooper Halo ET2700)	87.29	36.29
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-5.73*	
		For >250 To 500, Deduct	*-8.73*	
		For >500, Deduct	*-11.73*	
26 51 19 00-0323	EA	6" Shallow, Non-IC, Remodel Housing (Cooper Halo ET2700R)	87.29	36.29
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-5.73*	
		For >250 To 500, Deduct	*-8.73*	
		For >500, Deduct	*-11.73*	
26 51 19 00-0324	EA	6" Retrofit Enclosure, Non-IC, BX Whip (Cooper Halo ML7BXRFK)	70.69	16.94
		For >50 To 100, Deduct	*-2.40*	
		For >100 To 250, Deduct	*-4.17*	
		For >250 To 500, Deduct	*-7.07*	
		For >500, Deduct	*-9.97*	
26 51 19 00-0325	EA	6" Retrofit Enclosure, Non-IC, E26 Screw base Interface (Cooper Halo ML7E26RFK)	73.01	16.94
		For >50 To 100, Deduct	*-2.46*	
		For >100 To 250, Deduct	*-4.29*	
		For >250 To 500, Deduct	*-7.30*	
		For >500, Deduct	*-10.32*	
26 51 19 00-0326	EA	5" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H550ICAT)	73.13	36.29
		For >50 To 100, Deduct	*-3.19*	
		For >100 To 250, Deduct	*-5.02*	
		For >250 To 500, Deduct	*-7.31*	
		For >500, Deduct	*-9.61*	
26 51 19 00-0327	EA	5" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H550RICAT)	73.40	36.29
		For >50 To 100, Deduct	*-3.20*	
		For >100 To 250, Deduct	*-5.03*	
		For >250 To 500, Deduct	*-7.34*	
		For >500, Deduct	*-9.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0328	EA	5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H5ICAT)	68.59	36.29
		For >50 To 100, Deduct	*-3.08*	
		For >100 To 250, Deduct	*-4.79*	
		For >250 To 500, Deduct	*-6.86*	
		For >500, Deduct	*-8.93*	
26 51 19 00-0329	EA	5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H5RICAT)	70.95	36.29
		For >50 To 100, Deduct	*-3.13*	
		For >100 To 250, Deduct	*-4.91*	
		For >250 To 500, Deduct	*-7.10*	
		For >500, Deduct	*-9.28*	
26 51 19 00-0330	EA	5" Non-IC, New Construction Housing (Cooper Halo H5T)	70.18	36.29
		For >50 To 100, Deduct	*-3.12*	
		For >100 To 250, Deduct	*-4.87*	
		For >250 To 500, Deduct	*-7.02*	
		For >500, Deduct	*-9.17*	
26 51 19 00-0331	EA	5" Non-IC, Remodel Housing (Cooper Halo H5RT)	70.90	36.29
		For >50 To 100, Deduct	*-3.13*	
		For >100 To 250, Deduct	*-4.91*	
		For >250 To 500, Deduct	*-7.09*	
		For >500, Deduct	*-9.27*	
26 51 19 00-0332	EA	5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI500AT)	81.06	36.29
		For >50 To 100, Deduct	*-3.39*	
		For >100 To 250, Deduct	*-5.41*	
		For >250 To 500, Deduct	*-8.11*	
		For >500, Deduct	*-10.80*	
26 51 19 00-0333	EA	5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI500RAT)	81.60	36.29
		For >50 To 100, Deduct	*-3.40*	
		For >100 To 250, Deduct	*-5.44*	
		For >250 To 500, Deduct	*-8.16*	
		For >500, Deduct	*-10.88*	
26 51 19 00-0334	EA	5" Non-IC, New Construction Housing (Cooper Halo ET500)	84.33	36.29
		For >50 To 100, Deduct	*-3.47*	
		For >100 To 250, Deduct	*-5.58*	
		For >250 To 500, Deduct	*-8.43*	
		For >500, Deduct	*-11.29*	
26 51 19 00-0335	EA	5" Non-IC, Remodel Housing (Cooper Halo ET500R)	86.25	36.29
		For >50 To 100, Deduct	*-3.52*	
		For >100 To 250, Deduct	*-5.67*	
		For >250 To 500, Deduct	*-8.63*	
		For >500, Deduct	*-11.58*	
26 51 19 00-0336	EA	5" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H25ICAT)	94.65	36.29
		For >50 To 100, Deduct	*-3.73*	
		For >100 To 250, Deduct	*-6.09*	
		For >250 To 500, Deduct	*-9.47*	
		For >500, Deduct	*-12.84*	

26 51 19 00-0337 Recessed LED Downlights (Maxlite DLR) *(26 51 19 00-0228)*

26 51 19 00-0338	EA	4" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR410)	171.29	53.22
		For >50 To 100, Deduct	*-6.28*	
		For >100 To 250, Deduct	*-10.56*	
		For >250 To 500, Deduct	*-17.13*	
		For >500, Deduct	*-23.70*	
26 51 19 00-0339	EA	4" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR415)	173.63	53.22
		For >50 To 100, Deduct	*-6.34*	
		For >100 To 250, Deduct	*-10.68*	
		For >250 To 500, Deduct	*-17.36*	
		For >500, Deduct	*-24.05*	
26 51 19 00-0340	EA	4" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR420)	180.67	53.22
		For >50 To 100, Deduct	*-6.51*	
		For >100 To 250, Deduct	*-11.03*	
		For >250 To 500, Deduct	*-18.07*	
		For >500, Deduct	*-25.10*	
26 51 19 00-0341	EA	6" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR615)	166.59	53.22
		For >50 To 100, Deduct	*-6.16*	
		For >100 To 250, Deduct	*-10.33*	
		For >250 To 500, Deduct	*-16.66*	
		For >500, Deduct	*-22.99*	
26 51 19 00-0342	EA	6" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR620)	166.59	53.22
		For >50 To 100, Deduct	*-6.16*	
		For >100 To 250, Deduct	*-10.33*	
		For >250 To 500, Deduct	*-16.66*	
		For >500, Deduct	*-22.99*	
26 51 19 00-0343	EA	6" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR630)	166.59	53.22
		For >50 To 100, Deduct	*-6.16*	
		For >100 To 250, Deduct	*-10.33*	
		For >250 To 500, Deduct	*-16.66*	
		For >500, Deduct	*-22.99*	
26 51 19 00-0344	EA	8" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR810)	180.67	53.22
		For >50 To 100, Deduct	*-6.51*	
		For >100 To 250, Deduct	*-11.03*	
		For >250 To 500, Deduct	*-18.07*	
		For >500, Deduct	*-25.10*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0345	EA	8" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR815)	183.02	53.22
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 250, Deduct	*-11.15*	
		For >250 To 500, Deduct	*-18.30*	
		For >500, Deduct	*-25.46*	
26 51 19 00-0346	EA	8" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR820)	187.70	53.22
		For >50 To 100, Deduct	*-6.69*	
		For >100 To 250, Deduct	*-11.38*	
		For >250 To 500, Deduct	*-18.77*	
		For >500, Deduct	*-26.16*	
26 51 19 00-0347	EA	8" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR830)	201.76	53.22
		For >50 To 100, Deduct	*-7.04*	
		For >100 To 250, Deduct	*-12.08*	
		For >250 To 500, Deduct	*-20.18*	
		For >500, Deduct	*-28.27*	
26 51 19 00-0348	EA	8" Diameter, 5,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR850)	220.53	53.22
		For >50 To 100, Deduct	*-7.51*	
		For >100 To 250, Deduct	*-13.02*	
		For >250 To 500, Deduct	*-22.05*	
		For >500, Deduct	*-31.08*	

26 51 19 00-0349 Recessed LED Downlight Retrofits And Trim (CREE®) *(26 51 19 00-0227)*

26 51 19 00-0350 Recessed LED Downlight Retrofits (CREE®) *(26 51 19 00-0349)*

Note: Dimmable to 5%. For installation in standard recessed IC or non-IC housings. Includes removal of existing lamp from fixture. Excludes housing and disposal of hazardous lamps.

26 51 19 00-0351	EA	4" Diameter, 575 Lumens, Recessed LED Downlight Retrofit (Cree® CR4-575L)	101.94	
		For >50 To 100, Deduct	*-3.30*	
		For >100 To 250, Deduct	*-5.85*	
		For >250 To 500, Deduct	*-10.19*	
		For >500, Deduct	*-14.54*	
26 51 19 00-0352	EA	6" Diameter, 625 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-625L)	90.31	
		For >50 To 100, Deduct	*-3.01*	
		For >100 To 250, Deduct	*-5.27*	
		For >250 To 500, Deduct	*-9.03*	
		For >500, Deduct	*-12.79*	
26 51 19 00-0353	EA	6" Diameter, 800 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-800L)	113.57	
		For >50 To 100, Deduct	*-3.60*	
		For >100 To 250, Deduct	*-6.43*	
		For >250 To 500, Deduct	*-11.36*	
		For >500, Deduct	*-16.28*	
26 51 19 00-0354	EA	6" Diameter, 650 Lumens, Recessed LED Downlight Retrofit (Cree® LR6C-277)	127.12	
		For >50 To 100, Deduct	*-3.93*	
		For >100 To 250, Deduct	*-7.11*	
		For >250 To 500, Deduct	*-12.71*	
		For >500, Deduct	*-18.31*	
26 51 19 00-0355	EA	6" Diameter, 1,000 Lumens, Deep Recessed LED Downlight Retrofit (Cree® LR6-10L-XXX-120V-A-DR)	138.75	
		For >50 To 100, Deduct	*-4.22*	
		For >100 To 250, Deduct	*-7.69*	
		For >250 To 500, Deduct	*-13.88*	
		For >500, Deduct	*-20.06*	

26 51 19 00-0356 Recessed LED Downlight Retrofits Trim (CREE®) *(26 51 19 00-0349)*

Note: For installation in standard recessed IC or non-IC housings. Excludes housing and lamp.

26 51 19 00-0357	EA	6" Diameter, Diffuse Anodized Finish Reflector For LED Downlight Retrofits (Cree® CT6AX)	37.51	8.47
		For >50 To 100, Deduct	*-1.39*	
		For >100 To 250, Deduct	*-2.33*	
		For >250 To 500, Deduct	*-3.75*	
		For >500, Deduct	*-5.17*	
26 51 19 00-0358	EA	6" Diameter, Diffuse Anodized Finish Reflector With Painted Flange For LED Downlight Retrofits (Cree® LT6AP)	45.27	8.47
		For >50 To 100, Deduct	*-1.59*	
		For >100 To 250, Deduct	*-2.72*	
		For >250 To 500, Deduct	*-4.53*	
		For >500, Deduct	*-6.34*	
26 51 19 00-0359	EA	6" Diameter, Flat Black Finish Trim And Reflector For LED Downlight Retrofits (Cree® CT6BB)	39.45	8.47
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 250, Deduct	*-2.43*	
		For >250 To 500, Deduct	*-3.95*	
		For >500, Deduct	*-5.46*	

26 51 19 00-0360 Recessed LED Downlight Fixture Housings (CREE®) *(26 51 19 00-0349)*

Note: Excludes lamp and trim.

26 51 19 00-0361	EA	6" Diameter, IC Rated, Architectural Recessed LED Downlight Fixture Housing (Cree® H6)	100.95	36.29
		For >50 To 100, Deduct	*-3.88*	
		For >100 To 250, Deduct	*-6.41*	
		For >250 To 500, Deduct	*-10.10*	
		For >500, Deduct	*-13.78*	
26 51 19 00-0362	EA	6" Diameter, IC Rated, Retrofit Recessed LED Downlight Fixture Housing (Cree® RR6)	73.80	36.29
		For >50 To 100, Deduct	*-3.21*	
		For >100 To 250, Deduct	*-5.05*	
		For >250 To 500, Deduct	*-7.38*	
		For >500, Deduct	*-9.71*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0363		Can Retrofit Or Surface Mount, LED Downlights *(26 51 19 00-0227)*		
26 51 19 00-0364	EA	6" Diameter, 15 Watt, Can Retrofit Or Surface Mount, LED Downlight (Lighting Science® GLP6)	96.12	33.15
		For >50 To 100, Deduct	*-3.65*	
		For >100 To 250, Deduct	*-6.05*	
		For >250 To 500, Deduct	*-9.61*	
		For >500, Deduct	*-13.17*	
26 51 19 00-0365	EA	4" Diameter, 7 Watt, Can Retrofit, LED Downlight (Green Creative0 1-811-D)	78.09	33.15
		For >50 To 100, Deduct	*-3.20*	
		For >100 To 250, Deduct	*-5.15*	
		For >250 To 500, Deduct	*-7.81*	
		For >500, Deduct	*-10.47*	
26 51 19 00-0366	EA	6" Diameter, 9.5 Watt, Can Retrofit, LED Downlight (Green Creative0 1-808-D)	78.09	33.15
		For >50 To 100, Deduct	*-3.20*	
		For >100 To 250, Deduct	*-5.15*	
		For >250 To 500, Deduct	*-7.81*	
		For >500, Deduct	*-10.47*	
26 51 19 00-0367	EA	6" Diameter, 8.9 Watt, Can Retrofit, LED Downlight (Lithonia 6BP)	133.45	33.15
		For Recessed IC/Non-IC Rated Housing For New Construction, Add	*48.78*	
		For >50 To 100, Deduct	*-4.58*	
		For >100 To 250, Deduct	*-7.92*	
		For >250 To 500, Deduct	*-13.35*	
		For >500, Deduct	*-18.77*	
26 51 19 00-0368	EA	4" Diameter, 8 Watt, 600 Lumens, Retrofit LED Downlight (Sylvania LED/RT4/550/840)	67.37	33.15
		For >50 To 100, Deduct	*-2.93*	
		For >100 To 250, Deduct	*-4.61*	
		For >250 To 500, Deduct	*-6.74*	
		For >500, Deduct	*-8.86*	
26 51 19 00-0369	EA	5" Diameter, 10 Watt, 700 Lumens, Retrofit LED Downlight (Sylvania LED/RT5/6/625/840)	74.45	33.15
		For >50 To 100, Deduct	*-3.10*	
		For >100 To 250, Deduct	*-4.97*	
		For >250 To 500, Deduct	*-7.45*	
		For >500, Deduct	*-9.92*	
26 51 19 00-0370	EA	6" Diameter, 800 Lumens, 10 Watt, Retrofit LED Wallwash Downlight (Indy Lighting LRT6-08LM)	880.51	33.15
		For >50 To 100, Deduct	*-23.26*	
		For >100 To 250, Deduct	*-45.27*	
		For >250 To 500, Deduct	*-88.05*	
		For >500, Deduct	*-130.83*	
26 51 19 00-0371		Wall Mount LED Cylinder Downlight *(26 51 19 00-0001)*		
26 51 19 00-0372	EA	9" Diameter, 2,200 Lumens, Wall Mount LED Cylinder Downlight With Semi-Specular Trim (Gotham® EVO® CLED9)	409.39	51.49
		For >50 To 100, Deduct	*-12.17*	
		For >100 To 250, Deduct	*-22.40*	
		For >250 To 500, Deduct	*-40.94*	
		For >500, Deduct	*-59.47*	
26 51 19 00-0373		Wall Sconce And Wall Wash LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0374		LED Wall Sconce Fixtures (Hudson Valley Lighting) *(26 51 19 00-0373)*		
26 51 19 00-0375	EA	2-1/2" Diameter x 15-1/2" High, Polished Nickel, LED Wall Sconce (Hudson Valley Lighting SHAW 1200-PN)	506.55	48.38
		For >50 To 100, Deduct	*-14.48*	
		For >100 To 250, Deduct	*-27.14*	
		For >250 To 500, Deduct	*-50.66*	
		For >500, Deduct	*-74.17*	
26 51 19 00-0376		LED Wall Sconce Fixtures (Kichler) *(26 51 19 00-0373)*		
26 51 19 00-0377	EA	6" High x 11.75" Wide x 3.5" Deep, 900 Lumens, 15 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Kichler 10790NILED)	282.70	48.38
		For >50 To 100, Deduct	*-8.88*	
		For >100 To 250, Deduct	*-15.95*	
		For >250 To 500, Deduct	*-28.27*	
		For >500, Deduct	*-40.59*	
26 51 19 00-0378		LED Wall Sconce Fixtures (Metalux) *(26 51 19 00-0373)*		
26 51 19 00-0379	EA	9.875" High x 7.125" Wide x 3.5" Deep, 9 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Metalux AFX VNTS071009L30ENBN)	155.89	48.38
		For >50 To 100, Deduct	*-5.71*	
		For >100 To 250, Deduct	*-9.61*	
		For >250 To 500, Deduct	*-15.59*	
		For >500, Deduct	*-21.57*	
26 51 19 00-0380		Concealed Continuous LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0381		Concealed Continuous LED Fixtures (Fraqtir™ S301) *(26 51 19 00-0380)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0382	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Driver (Fraqtir™ S301)	687.13	5.52
		For >50 To 100, Deduct	*-17.45*	
		For >100 To 250, Deduct	*-34.63*	
		For >250 To 500, Deduct	*-68.71*	
		For >500, Deduct	*-102.79*	
26 51 19 00-0383	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Dimming Driver (Fraqtir™ S301)	783.39	5.52
		For >50 To 100, Deduct	*-19.86*	
		For >100 To 250, Deduct	*-39.45*	
		For >250 To 500, Deduct	*-78.34*	
		For >500, Deduct	*-117.23*	
26 51 19 00-0384		Low Bay LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0385		LED Linear Low Bay Fixtures (PlanLED) *(26 51 19 00-0384)*		
26 51 19 00-0386	EA	4' Length, 23 Watt, LED Linear Low Bay Fixture (PlanLED A1W4)	354.18	66.30
		For >50 To 100, Deduct	*-11.62*	
		For >100 To 250, Deduct	*-20.47*	
		For >250 To 500, Deduct	*-35.42*	
		For >500, Deduct	*-50.36*	
26 51 19 00-0387	EA	4' Length, 42 Watt, LED Linear Low Bay Fixture (PlanLED A2W4A)	480.09	66.30
		For >50 To 100, Deduct	*-14.76*	
		For >100 To 250, Deduct	*-26.77*	
		For >250 To 500, Deduct	*-48.01*	
		For >500, Deduct	*-69.25*	
26 51 19 00-0388	EA	8' Length, 84 Watt, LED Linear Low Bay Fixture (PlanLED A2W5A)	798.11	82.88
		For >50 To 100, Deduct	*-23.41*	
		For >100 To 250, Deduct	*-43.36*	
		For >250 To 500, Deduct	*-79.81*	
		For >500, Deduct	*-116.26*	
26 51 19 00-0389		LED Low Bay Fixtures (CREE®) *(26 51 19 00-0384)*		
26 51 19 00-0390		LED Low Bay Fixtures (CREE® LS) *(26 51 19 00-0389)*		
		Note: Includes 120/277 voltage and 22 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0391	EA	2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-35K-10V)	303.21	66.30
		For >50 To 100, Deduct	*-10.34*	
		For >100 To 250, Deduct	*-17.92*	
		For >250 To 500, Deduct	*-30.32*	
		For >500, Deduct	*-42.72*	
26 51 19 00-0392	EA	2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-50K-10V)	322.98	66.30
		For >50 To 100, Deduct	*-10.84*	
		For >100 To 250, Deduct	*-18.91*	
		For >250 To 500, Deduct	*-32.30*	
		For >500, Deduct	*-45.68*	
26 51 19 00-0393	EA	4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-35K-10V)	311.45	66.30
		For >50 To 100, Deduct	*-10.55*	
		For >100 To 250, Deduct	*-18.34*	
		For >250 To 500, Deduct	*-31.15*	
		For >500, Deduct	*-43.96*	
26 51 19 00-0394	EA	4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-50K-10V)	331.22	66.30
		For >50 To 100, Deduct	*-11.04*	
		For >100 To 250, Deduct	*-19.32*	
		For >250 To 500, Deduct	*-33.12*	
		For >500, Deduct	*-46.92*	
26 51 19 00-0395	EA	5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-35K-10V)	346.04	66.30
		For >50 To 100, Deduct	*-11.41*	
		For >100 To 250, Deduct	*-20.06*	
		For >250 To 500, Deduct	*-34.60*	
		For >500, Deduct	*-49.14*	
26 51 19 00-0396	EA	5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-50K-10V)	365.81	66.30
		For >50 To 100, Deduct	*-11.91*	
		For >100 To 250, Deduct	*-21.05*	
		For >250 To 500, Deduct	*-36.58*	
		For >500, Deduct	*-52.11*	
26 51 19 00-0397	EA	8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-35K-10V)	484.03	82.88
		For >50 To 100, Deduct	*-15.55*	
		For >100 To 250, Deduct	*-27.65*	
		For >250 To 500, Deduct	*-48.40*	
		For >500, Deduct	*-69.15*	
26 51 19 00-0398	EA	8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-50K-10V)	520.27	82.88
		For >50 To 100, Deduct	*-16.46*	
		For >100 To 250, Deduct	*-29.47*	
		For >250 To 500, Deduct	*-52.03*	
		For >500, Deduct	*-74.59*	
26 51 19 00-0399	EA	10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-35K-10V)	596.03	82.88
		For >50 To 100, Deduct	*-18.35*	
		For >100 To 250, Deduct	*-33.25*	
		For >250 To 500, Deduct	*-59.60*	
		For >500, Deduct	*-85.95*	
26 51 19 00-0400	EA	10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-50K-10V)	615.80	82.88
		For >50 To 100, Deduct	*-18.85*	
		For >100 To 250, Deduct	*-34.24*	
		For >250 To 500, Deduct	*-61.58*	
		For >500, Deduct	*-88.92*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0401		**LED Low Bay Fixtures (CREE® LN)** *(26 51 19 00-0389)*		
		Note: Includes 120/277 voltage and aluminum housing assembly. Excludes sensors.		
26 51 19 00-0402	EA	3,400 Lumens, 4' Length, LED Low Bay Fixture (Cree® LN4-34L-35K-10V)	668.88	66.30
		For >50 To 100, Deduct	*-19.48*	
		For >100 To 250, Deduct	*-36.21*	
		For >250 To 500, Deduct	*-66.89*	
		For >500, Deduct	*-97.57*	
26 51 19 00-0403	EA	3,400 Lumens, 4' Length, LED Low Bay Fixture, Smartcast Technology (Cree® LN4-34L-35K-CMA)	751.24	66.30
		For >50 To 100, Deduct	*-21.51*	
		For >100 To 250, Deduct	*-40.32*	
		For >250 To 500, Deduct	*-75.12*	
		For >500, Deduct	*-109.92*	
26 51 19 00-0404		**LED Linear Low Bay Fixtures (CREE® CS)** *(26 51 19 00-0389)*		
		Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and lightweight polymer housing assembly. Excludes sensors.		
26 51 19 00-0405	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Cree® CS14™)	649.62	66.30
		For >50 To 100, Deduct	*-19.00*	
		For >100 To 250, Deduct	*-35.24*	
		For >250 To 500, Deduct	*-64.96*	
		For >500, Deduct	*-94.68*	
26 51 19 00-0406	EA	7,500 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	807.08	82.88
		For >50 To 100, Deduct	*-23.63*	
		For >100 To 250, Deduct	*-43.81*	
		For >250 To 500, Deduct	*-80.71*	
		For >500, Deduct	*-117.61*	
26 51 19 00-0407	EA	8,000 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	1,022.18	82.88
		For >50 To 100, Deduct	*-29.01*	
		For >100 To 250, Deduct	*-54.56*	
		For >250 To 500, Deduct	*-102.22*	
		For >500, Deduct	*-149.87*	
26 51 19 00-0408		**Accessories For LED Low Bay Fixtures (CREE®)** *(26 51 19 00-0389)*		
26 51 19 00-0409	EA	Continuous Row Through Wiring Kit For 4' Fixtures (Cree® LS4TWK)	59.36	18.17
		For >50 To 100, Deduct	*-2.24*	
		For >100 To 250, Deduct	*-3.73*	
		For >250 To 500, Deduct	*-5.94*	
		For >500, Deduct	*-8.15*	
26 51 19 00-0410	EA	Continuous Row Through Wiring Kit For 8' Fixtures (Cree® LS8TWK)	65.18	18.17
		For >50 To 100, Deduct	*-2.39*	
		For >100 To 250, Deduct	*-4.02*	
		For >250 To 500, Deduct	*-6.52*	
		For >500, Deduct	*-9.02*	
26 51 19 00-0411	EA	Top Housing Aligner For Continuous Row Installations (Cree® LS-RJ)	49.66	18.17
		For >50 To 100, Deduct	*-2.00*	
		For >100 To 250, Deduct	*-3.24*	
		For >250 To 500, Deduct	*-4.97*	
		For >500, Deduct	*-6.69*	
26 51 19 00-0412	EA	Reflector Joint Aligner For Continuous Row Installations (Cree® LS-RFLJ)	39.98	18.17
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 250, Deduct	*-2.76*	
		For >250 To 500, Deduct	*-4.00*	
		For >500, Deduct	*-5.24*	
26 51 19 00-0413	EA	Solid Reflector, Pair (Cree® LS4-SR)	127.17	18.17
		For >50 To 100, Deduct	*-3.94*	
		For >100 To 250, Deduct	*-7.12*	
		For >250 To 500, Deduct	*-12.72*	
		For >500, Deduct	*-18.32*	
26 51 19 00-0414	EA	Solid Reflector, Pair (Cree® LS8-SR)	175.63	18.17
		For >50 To 100, Deduct	*-5.15*	
		For >100 To 250, Deduct	*-9.54*	
		For >250 To 500, Deduct	*-17.56*	
		For >500, Deduct	*-25.59*	
26 51 19 00-0415	EA	5" Cable Canopy With #18/2 SJT Cord, 48" (Cree® AC5-18/2-48-Q14B-JB)	65.18	18.17
		For >50 To 100, Deduct	*-2.39*	
		For >100 To 250, Deduct	*-4.02*	
		For >250 To 500, Deduct	*-6.52*	
		For >500, Deduct	*-9.02*	
26 51 19 00-0416	EA	5" Cable Canopy With #18/2 SJT Cord, 72" (Cree® AC5-18/2-72-Q14B-JB)	92.30	18.17
		For >50 To 100, Deduct	*-3.06*	
		For >100 To 250, Deduct	*-5.37*	
		For >250 To 500, Deduct	*-9.23*	
		For >500, Deduct	*-13.09*	
26 51 19 00-0417	EA	5" Cable Canopy With #18/5 SJT Cord, 48" (Cree® AC5-18/5-48-Q14B-JB)	72.92	18.17
		For >50 To 100, Deduct	*-2.58*	
		For >100 To 250, Deduct	*-4.40*	
		For >250 To 500, Deduct	*-7.29*	
		For >500, Deduct	*-10.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0418	EA	5" Cable Canopy With #18/5 SJT Cord, 72" (Cree® AC5-18/5-72-Q14B-JB)	98.12	18.17
		For >50 To 100, Deduct	*-3.21*	
		For >100 To 250, Deduct	*-5.66*	
		For >250 To 500, Deduct	*-9.81*	
		For >500, Deduct	*-13.96*	
26 51 19 00-0419	EA	5" Cable Canopy With #18/5 SJT Cord, 96" (Cree® AC5-18/5-96-Q14B-JB)	103.93	18.17
		For >50 To 100, Deduct	*-3.36*	
		For >100 To 250, Deduct	*-5.95*	
		For >250 To 500, Deduct	*-10.39*	
		For >500, Deduct	*-14.83*	
26 51 19 00-0420	EA	5" Cable Canopy With #12/3 SJT Cord, 48" (Cree® AC5-12/3-48-Q14B-JB)	88.42	18.17
		For >50 To 100, Deduct	*-2.97*	
		For >100 To 250, Deduct	*-5.18*	
		For >250 To 500, Deduct	*-8.84*	
		For >500, Deduct	*-12.51*	
26 51 19 00-0421	EA	5" Cable Canopy With #12/3 SJT Cord, 72" (Cree® AC5-12/3-72-Q14B-JB)	132.99	18.17
		For >50 To 100, Deduct	*-4.08*	
		For >100 To 250, Deduct	*-7.41*	
		For >250 To 500, Deduct	*-13.30*	
		For >500, Deduct	*-19.19*	
26 51 19 00-0422	EA	Set Of End Caps, One With Power Feed, One Without (Cree® LN-EC)	69.05	18.17
		For >50 To 100, Deduct	*-2.48*	
		For >100 To 250, Deduct	*-4.21*	
		For >250 To 500, Deduct	*-6.91*	
		For >500, Deduct	*-9.60*	
26 51 19 00-0423	EA	Canopy Kit With Aircraft Cable And Opening For Power Feed (Cree® LN-CK-5-AC)	84.55	18.17
		For >50 To 100, Deduct	*-2.87*	
		For >100 To 250, Deduct	*-4.98*	
		For >250 To 500, Deduct	*-8.46*	
		For >500, Deduct	*-11.93*	
26 51 19 00-0424	EA	Canopy Kit With Aircraft Cable No Opening For Power Feed (Cree® LN-CK-0-AC)	65.18	18.17
		For >50 To 100, Deduct	*-2.39*	
		For >100 To 250, Deduct	*-4.02*	
		For >250 To 500, Deduct	*-6.52*	
		For >500, Deduct	*-9.02*	
26 51 19 00-0425	EA	Emergency 125W Inverter, Ceiling Installed (Cree® ELI-125W)	1,277.42	44.20
		For >50 To 100, Deduct	*-33.59*	
		For >100 To 250, Deduct	*-65.53*	
		For >250 To 500, Deduct	*-127.74*	
		For >500, Deduct	*-189.96*	
26 51 19 00-0426	EA	120 Volt, Emergency Relay For Use With Generator Power (Cree® EL-SR-120)	453.85	44.20
		For >50 To 100, Deduct	*-13.00*	
		For >100 To 250, Deduct	*-24.35*	
		For >250 To 500, Deduct	*-45.39*	
		For >500, Deduct	*-66.42*	

26 51 19 00-0427 LED Linear Low Bay Fixtures (Lithonia MSL) *(26 51 19 00-0384)*

Note: Includes 3,500K, 4,000K or 5,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.

26 51 19 00-0428	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Lithonia MSL)	937.56	66.30
		For >50 To 100, Deduct	*-26.20*	
		For >100 To 250, Deduct	*-49.64*	
		For >250 To 500, Deduct	*-93.76*	
		For >500, Deduct	*-137.87*	

26 51 19 00-0429 High Bay LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0430 LED High Bay Fixtures (Columbia Lighting LWS) *(26 51 19 00-0429)*

26 51 19 00-0431	EA	16" x 24", 7,909 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-LW-W-EU)	489.91	121.56
		For >50 To 100, Deduct	*-18.33*	
		For >100 To 250, Deduct	*-30.57*	
		For >250 To 500, Deduct	*-48.99*	
		For >500, Deduct	*-67.41*	
26 51 19 00-0432	EA	16" x 24", 8,526 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-LW-W-EU)	489.91	121.56
		For >50 To 100, Deduct	*-18.33*	
		For >100 To 250, Deduct	*-30.57*	
		For >250 To 500, Deduct	*-48.99*	
		For >500, Deduct	*-67.41*	
26 51 19 00-0433	EA	16" x 24", 11,812 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-ML-W-EU)	549.15	121.56
		For >50 To 100, Deduct	*-19.81*	
		For >100 To 250, Deduct	*-33.54*	
		For >250 To 500, Deduct	*-54.92*	
		For >500, Deduct	*-76.29*	
26 51 19 00-0434	EA	16" x 24", 12,734 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-ML-W-EU)	549.15	121.56
		For >50 To 100, Deduct	*-19.81*	
		For >100 To 250, Deduct	*-33.54*	
		For >250 To 500, Deduct	*-54.92*	
		For >500, Deduct	*-76.29*	
26 51 19 00-0435	EA	16" x 24", 14,813 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-HL-W-EU)	647.87	121.56
		For >50 To 100, Deduct	*-22.27*	
		For >100 To 250, Deduct	*-38.47*	
		For >250 To 500, Deduct	*-64.79*	
		For >500, Deduct	*-91.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0436	EA	16" x 24", 15,968 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-HL-W-EU)	647.87	121.56
		For >50 To 100, Deduct	*-22.27*	
		For >100 To 250, Deduct	*-38.47*	
		For >250 To 500, Deduct	*-64.79*	
		For >500, Deduct	*-91.10*	
26 51 19 00-0437	EA	16" x 24", 18,714 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-VL-W-EU)	687.35	121.56
		For >50 To 100, Deduct	*-23.26*	
		For >100 To 250, Deduct	*-40.45*	
		For >250 To 500, Deduct	*-68.74*	
		For >500, Deduct	*-97.02*	
26 51 19 00-0438	EA	16" x 24", 19,511 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-VL-W-EU)	687.35	121.56
		For >50 To 100, Deduct	*-23.26*	
		For >100 To 250, Deduct	*-40.45*	
		For >250 To 500, Deduct	*-68.74*	
		For >500, Deduct	*-97.02*	
26 51 19 00-0439	EA	16" x 24", 22,994 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-XL-W-EU)	716.97	121.56
		For >50 To 100, Deduct	*-24.00*	
		For >100 To 250, Deduct	*-41.93*	
		For >250 To 500, Deduct	*-71.70*	
		For >500, Deduct	*-101.47*	
26 51 19 00-0440	EA	16" x 24", 24,787 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-XL-W-EU)	716.97	121.56
		For >50 To 100, Deduct	*-24.00*	
		For >100 To 250, Deduct	*-41.93*	
		For >250 To 500, Deduct	*-71.70*	
		For >500, Deduct	*-101.47*	
26 51 19 00-0441		LED High Bay Fixtures (Cree) *(26 51 19 00-0429)*		
26 51 19 00-0442		LED High Bay Fixtures (CREE®) *(26 51 19 00-0441)*		
26 51 19 00-0443	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-10V)	801.49	121.56
		For >50 To 100, Deduct	*-26.12*	
		For >100 To 250, Deduct	*-46.15*	
		For >250 To 500, Deduct	*-80.15*	
		For >500, Deduct	*-114.15*	
26 51 19 00-0444	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-ML)	960.09	121.56
		For >50 To 100, Deduct	*-30.08*	
		For >100 To 250, Deduct	*-54.08*	
		For >250 To 500, Deduct	*-96.01*	
		For >500, Deduct	*-137.94*	
26 51 19 00-0445	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-10V)	882.59	121.56
		For >50 To 100, Deduct	*-28.14*	
		For >100 To 250, Deduct	*-50.21*	
		For >250 To 500, Deduct	*-88.26*	
		For >500, Deduct	*-126.31*	
26 51 19 00-0446	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-ML)	1,008.55	121.56
		For >50 To 100, Deduct	*-31.29*	
		For >100 To 250, Deduct	*-56.51*	
		For >250 To 500, Deduct	*-100.86*	
		For >500, Deduct	*-145.20*	
26 51 19 00-0447	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-10V)	829.49	121.56
		For >50 To 100, Deduct	*-26.82*	
		For >100 To 250, Deduct	*-47.55*	
		For >250 To 500, Deduct	*-82.95*	
		For >500, Deduct	*-118.35*	
26 51 19 00-0448	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-ML)	989.16	121.56
		For >50 To 100, Deduct	*-30.81*	
		For >100 To 250, Deduct	*-55.54*	
		For >250 To 500, Deduct	*-98.92*	
		For >500, Deduct	*-142.30*	
26 51 19 00-0449	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-10V)	911.65	121.56
		For >50 To 100, Deduct	*-28.87*	
		For >100 To 250, Deduct	*-51.66*	
		For >250 To 500, Deduct	*-91.17*	
		For >500, Deduct	*-130.67*	
26 51 19 00-0450	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-ML)	1,037.61	121.56
		For >50 To 100, Deduct	*-32.02*	
		For >100 To 250, Deduct	*-57.96*	
		For >250 To 500, Deduct	*-103.76*	
		For >500, Deduct	*-149.56*	
26 51 19 00-0451		Accessories For LED High Bay Fixtures (CREE®) *(26 51 19 00-0441)*		
26 51 19 00-0452	EA	15 Amperes, 120 Volt, Straight Blade Plug For LED High Bay Fixtures (Cree® AP-515P)	59.36	18.17
		For >50 To 100, Deduct	*-2.24*	
		For >100 To 250, Deduct	*-3.73*	
		For >250 To 500, Deduct	*-5.94*	
		For >500, Deduct	*-8.15*	
26 51 19 00-0453	EA	15 Amperes, 120 Volt, Twist Lock Plug For LED High Bay Fixtures (Cree® AP-L515P)	59.36	18.17
		For >50 To 100, Deduct	*-2.24*	
		For >100 To 250, Deduct	*-3.73*	
		For >250 To 500, Deduct	*-5.94*	
		For >500, Deduct	*-8.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0454	EA	16" Matte Spun Aluminum Reflector For LED High Bay Fixture (Cree® CXBA16N)	78.73	18.17
		For >50 To 100, Deduct	*-2.73*	
		For >100 To 250, Deduct	*-4.69*	
		For >250 To 500, Deduct	*-7.87*	
		For >500, Deduct	*-11.05*	
26 51 19 00-0455	EA	16" Clear Acrylic Reflector For LED High Bay Fixture (Cree® CXBP16)	117.49	18.17
		For >50 To 100, Deduct	*-3.69*	
		For >100 To 250, Deduct	*-6.63*	
		For >250 To 500, Deduct	*-11.75*	
		For >500, Deduct	*-16.87*	
26 51 19 00-0456	EA	16" White Acrylic Reflector For LED High Bay Fixture (Cree® CXBW16)	136.88	18.17
		For >50 To 100, Deduct	*-4.18*	
		For >100 To 250, Deduct	*-7.60*	
		For >250 To 500, Deduct	*-13.69*	
		For >500, Deduct	*-19.77*	
26 51 19 00-0457	EA	16" Clear Prismatic Conical Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® CL16)	78.73	18.17
		For >50 To 100, Deduct	*-2.73*	
		For >100 To 250, Deduct	*-4.69*	
		For >250 To 500, Deduct	*-7.87*	
		For >500, Deduct	*-11.05*	
26 51 19 00-0458	EA	16" Clear Prismatic Drop Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® DL16)	80.68	18.17
		For >50 To 100, Deduct	*-2.77*	
		For >100 To 250, Deduct	*-4.79*	
		For >250 To 500, Deduct	*-8.07*	
		For >500, Deduct	*-11.34*	
26 51 19 00-0459	EA	16" Wire Guard For Aluminum Reflector For LED High Bay Fixtures (Cree® WG-A)	59.36	18.17
		For >50 To 100, Deduct	*-2.24*	
		For >100 To 250, Deduct	*-3.73*	
		For >250 To 500, Deduct	*-5.94*	
		For >500, Deduct	*-8.15*	
26 51 19 00-0460	EA	16" Wire Guard For Prismatic And Acrylic Reflector For LED High Bay Fixtures (Cree® WG-AP)	63.23	18.17
		For >50 To 100, Deduct	*-2.34*	
		For >100 To 250, Deduct	*-3.92*	
		For >250 To 500, Deduct	*-6.32*	
		For >500, Deduct	*-8.73*	
26 51 19 00-0461	EA	5' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-5)	41.92	18.17
		For >50 To 100, Deduct	*-1.81*	
		For >100 To 250, Deduct	*-2.85*	
		For >250 To 500, Deduct	*-4.19*	
		For >500, Deduct	*-5.53*	
26 51 19 00-0462	EA	10' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-10)	43.86	18.17
		For >50 To 100, Deduct	*-1.85*	
		For >100 To 250, Deduct	*-2.95*	
		For >250 To 500, Deduct	*-4.39*	
		For >500, Deduct	*-5.82*	
26 51 19 00-0463		LED High Bay Fixtures (DLE) *(26 51 19 00-0429)*		
26 51 19 00-0464	EA	12,000 Lumens, 120 Watt, LED High Bay Fixture (DLE-12-ST/HV)	1,378.27	121.56
		For >50 To 100, Deduct	*-40.53*	
		For >100 To 250, Deduct	*-74.99*	
		For >250 To 500, Deduct	*-137.83*	
		For >500, Deduct	*-200.66*	
26 51 19 00-0465	EA	18,000 Lumens, 180 Watt, LED High Bay Fixture (DLE-18-ST/HV)	1,691.00	121.56
		For >50 To 100, Deduct	*-48.35*	
		For >100 To 250, Deduct	*-90.63*	
		For >250 To 500, Deduct	*-169.10*	
		For >500, Deduct	*-247.57*	
26 51 19 00-0466	EA	24,000 Lumens, 230 Watt, LED High Bay Fixture (DLE-24-ST/HV)	1,981.39	121.56
		For >50 To 100, Deduct	*-55.61*	
		For >100 To 250, Deduct	*-105.15*	
		For >250 To 500, Deduct	*-198.14*	
		For >500, Deduct	*-291.13*	
26 51 19 00-0467		LED High Bay Fixtures (Everlast) *(26 51 19 00-0429)*		
26 51 19 00-0468		LED High Bay Fixtures (Everlast EL-LED-LG) *(26 51 19 00-0467)*		
26 51 19 00-0469	EA	13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC)	933.55	121.56
		For >50 To 100, Deduct	*-29.42*	
		For >100 To 250, Deduct	*-52.76*	
		For >250 To 500, Deduct	*-93.36*	
		For >500, Deduct	*-133.95*	
26 51 19 00-0470	EA	13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO)	986.35	121.56
		For >50 To 100, Deduct	*-30.74*	
		For >100 To 250, Deduct	*-55.40*	
		For >250 To 500, Deduct	*-98.64*	
		For >500, Deduct	*-141.87*	
26 51 19 00-0471	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16)	880.75	121.56
		For >50 To 100, Deduct	*-28.10*	
		For >100 To 250, Deduct	*-50.12*	
		For >250 To 500, Deduct	*-88.08*	
		For >500, Deduct	*-126.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0472	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22)	903.09	121.56
		For >50 To 100, Deduct	*-28.66*	
		For >100 To 250, Deduct	*-51.23*	
		For >250 To 500, Deduct	*-90.31*	
		For >500, Deduct	*-129.39*	
26 51 19 00-0473	EA	17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC)	1,024.93	121.56
		For >50 To 100, Deduct	*-31.70*	
		For >100 To 250, Deduct	*-57.32*	
		For >250 To 500, Deduct	*-102.49*	
		For >500, Deduct	*-147.66*	
26 51 19 00-0474	EA	17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO)	1,116.31	121.56
		For >50 To 100, Deduct	*-33.99*	
		For >100 To 250, Deduct	*-61.89*	
		For >250 To 500, Deduct	*-111.63*	
		For >500, Deduct	*-161.37*	
26 51 19 00-0475	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16)	976.19	121.56
		For >50 To 100, Deduct	*-30.48*	
		For >100 To 250, Deduct	*-54.89*	
		For >250 To 500, Deduct	*-97.62*	
		For >500, Deduct	*-140.35*	
26 51 19 00-0476	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22)	1,055.39	121.56
		For >50 To 100, Deduct	*-32.46*	
		For >100 To 250, Deduct	*-58.85*	
		For >250 To 500, Deduct	*-105.54*	
		For >500, Deduct	*-152.23*	
26 51 19 00-0477	EA	34,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	1,532.60	121.56
		For >50 To 100, Deduct	*-44.39*	
		For >100 To 250, Deduct	*-82.71*	
		For >250 To 500, Deduct	*-153.26*	
		For >500, Deduct	*-223.81*	
26 51 19 00-0478	EA	43,000 Lumens, 400 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	1,674.75	121.56
		For >50 To 100, Deduct	*-47.95*	
		For >100 To 250, Deduct	*-89.82*	
		For >250 To 500, Deduct	*-167.48*	
		For >500, Deduct	*-245.13*	
26 51 19 00-0479	EA	66,000 Lumens, 600 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	2,080.89	121.56
		For >50 To 100, Deduct	*-58.10*	
		For >100 To 250, Deduct	*-110.12*	
		For >250 To 500, Deduct	*-208.09*	
		For >500, Deduct	*-306.06*	
26 51 19 00-0480		LED High Bay Fixtures (Everlast EL-LED-CS) *(26 51 19 00-0467)*		
26 51 19 00-0481	EA	5,000 Lumens, 50 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	588.33	121.56
		For >50 To 100, Deduct	*-20.79*	
		For >100 To 250, Deduct	*-35.49*	
		For >250 To 500, Deduct	*-58.83*	
		For >500, Deduct	*-82.17*	
26 51 19 00-0482	EA	10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	862.47	121.56
		For >50 To 100, Deduct	*-27.64*	
		For >100 To 250, Deduct	*-49.20*	
		For >250 To 500, Deduct	*-86.25*	
		For >500, Deduct	*-123.29*	
26 51 19 00-0483	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	984.32	121.56
		For >50 To 100, Deduct	*-30.69*	
		For >100 To 250, Deduct	*-55.29*	
		For >250 To 500, Deduct	*-98.43*	
		For >500, Deduct	*-141.57*	
26 51 19 00-0484	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,126.46	121.56
		For >50 To 100, Deduct	*-34.24*	
		For >100 To 250, Deduct	*-62.40*	
		For >250 To 500, Deduct	*-112.65*	
		For >500, Deduct	*-162.89*	
26 51 19 00-0485	EA	30,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,217.85	121.56
		For >50 To 100, Deduct	*-36.52*	
		For >100 To 250, Deduct	*-66.97*	
		For >250 To 500, Deduct	*-121.79*	
		For >500, Deduct	*-176.60*	
26 51 19 00-0486		LED High Bay Fixtures (Everlast EL-LED-HB-LG) *(26 51 19 00-0467)*		
26 51 19 00-0487	EA	10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	771.09	121.56
		For >50 To 100, Deduct	*-25.36*	
		For >100 To 250, Deduct	*-44.63*	
		For >250 To 500, Deduct	*-77.11*	
		For >500, Deduct	*-109.59*	
26 51 19 00-0488	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	821.86	121.56
		For >50 To 100, Deduct	*-26.62*	
		For >100 To 250, Deduct	*-47.17*	
		For >250 To 500, Deduct	*-82.19*	
		For >500, Deduct	*-117.20*	
26 51 19 00-0489	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	892.93	121.56
		For >50 To 100, Deduct	*-28.40*	
		For >100 To 250, Deduct	*-50.72*	
		For >250 To 500, Deduct	*-89.29*	
		For >500, Deduct	*-127.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0490		**LED High Bay Fixtures (Everlast EL-LED-LHB)** *(26 51 19 00-0467)*		
26 51 19 00-0491	EA	13,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	783.28	121.56
		For >50 To 100, Deduct	*-25.66*	
		For >100 To 250, Deduct	*-45.24*	
		For >250 To 500, Deduct	*-78.33*	
		For >500, Deduct	*-111.41*	
26 51 19 00-0492	EA	26,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	964.01	121.56
		For >50 To 100, Deduct	*-30.18*	
		For >100 To 250, Deduct	*-54.28*	
		For >250 To 500, Deduct	*-96.40*	
		For >500, Deduct	*-138.52*	
26 51 19 00-0493	EA	39,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	1,197.54	121.56
		For >50 To 100, Deduct	*-36.02*	
		For >100 To 250, Deduct	*-65.95*	
		For >250 To 500, Deduct	*-119.75*	
		For >500, Deduct	*-173.55*	
26 51 19 00-0494		**LED High Bay Fixtures (Lithonia IBL)** *(26 51 19 00-0429)*		
		Note: Includes aluminum alloy chassis.		
26 51 19 00-0495	EA	9,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 9L)	619.68	121.56
		For >50 To 100, Deduct	*-21.57*	
		For >100 To 250, Deduct	*-37.06*	
		For >250 To 500, Deduct	*-61.97*	
		For >500, Deduct	*-86.87*	
26 51 19 00-0496	EA	12,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 12L)	669.04	121.56
		For >50 To 100, Deduct	*-22.80*	
		For >100 To 250, Deduct	*-39.53*	
		For >250 To 500, Deduct	*-66.90*	
		For >500, Deduct	*-94.28*	
26 51 19 00-0497	EA	18,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 18L)	802.31	121.56
		For >50 To 100, Deduct	*-26.14*	
		For >100 To 250, Deduct	*-46.19*	
		For >250 To 500, Deduct	*-80.23*	
		For >500, Deduct	*-114.27*	
26 51 19 00-0498	EA	24,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 24L)	855.62	121.56
		For >50 To 100, Deduct	*-27.47*	
		For >100 To 250, Deduct	*-48.86*	
		For >250 To 500, Deduct	*-85.56*	
		For >500, Deduct	*-122.27*	
26 51 19 00-0499		**LED High Bay Fixtures (Metalux SSLED)** *(26 51 19 00-0429)*		
26 51 19 00-0500	EA	12,000 Lumens, 80 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-12-M-UNV-L840-CD1U)	716.54	121.56
		For >50 To 100, Deduct	*-23.99*	
		For >100 To 250, Deduct	*-41.90*	
		For >250 To 500, Deduct	*-71.65*	
		For >500, Deduct	*-101.40*	
26 51 19 00-0501	EA	15,000 Lumens, 100 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-15-M-UNV-L840-CD1U)	735.14	121.56
		For >50 To 100, Deduct	*-24.46*	
		For >100 To 250, Deduct	*-42.83*	
		For >250 To 500, Deduct	*-73.51*	
		For >500, Deduct	*-104.19*	
26 51 19 00-0502	EA	18,000 Lumens, 120 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-18-M-UNV-L840-CD1U)	742.63	121.56
		For >50 To 100, Deduct	*-24.64*	
		For >100 To 250, Deduct	*-43.21*	
		For >250 To 500, Deduct	*-74.26*	
		For >500, Deduct	*-105.32*	
26 51 19 00-0503	EA	24,000 Lumens, 160 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-24-M-UNV-L840-CD1U)	813.95	121.56
		For >50 To 100, Deduct	*-26.43*	
		For >100 To 250, Deduct	*-46.78*	
		For >250 To 500, Deduct	*-81.40*	
		For >500, Deduct	*-116.01*	
26 51 19 00-0504	EA	30,000 Lumens, 200 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-30-M-UNV-L840-CD1U)	897.02	121.56
		For >50 To 100, Deduct	*-28.50*	
		For >100 To 250, Deduct	*-50.93*	
		For >250 To 500, Deduct	*-89.70*	
		For >500, Deduct	*-128.48*	
26 51 19 00-0505	EA	36,000 Lumens, 240 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-36-M-UNV-L840-CD1U)	928.19	121.56
		For >50 To 100, Deduct	*-29.28*	
		For >100 To 250, Deduct	*-52.49*	
		For >250 To 500, Deduct	*-92.82*	
		For >500, Deduct	*-133.15*	
26 51 19 00-0506		**LED High Bay Fixtures (PlanLED)** *(26 51 19 00-0429)*		
26 51 19 00-0507		**LED High Bay Fixtures (PlanLED LUNA)** *(26 51 19 00-0506)*		
		Note: Includes aluminum alloy chassis.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0508	EA	7,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN70)	909.18	121.56
		For >50 To 100, Deduct	*-28.81*	
		For >100 To 250, Deduct	*-51.54*	
		For >250 To 500, Deduct	*-90.92*	
		For >500, Deduct	*-130.30*	
26 51 19 00-0509	EA	9,800 Lumens, LED High Bay Fixture (PlanLED LUNA LN98)	1,022.90	121.56
		For >50 To 100, Deduct	*-31.65*	
		For >100 To 250, Deduct	*-57.22*	
		For >250 To 500, Deduct	*-102.29*	
		For >500, Deduct	*-147.36*	
26 51 19 00-0510	EA	13,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN130)	1,187.39	121.56
		For >50 To 100, Deduct	*-35.76*	
		For >100 To 250, Deduct	*-65.45*	
		For >250 To 500, Deduct	*-118.74*	
		For >500, Deduct	*-172.03*	
26 51 19 00-0511	EA	16,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN160)	1,347.81	121.56
		For >50 To 100, Deduct	*-39.77*	
		For >100 To 250, Deduct	*-73.47*	
		For >250 To 500, Deduct	*-134.78*	
		For >500, Deduct	*-196.09*	

26 51 19 00-0512 LED High Bay Fixtures (PlanLED IBL) *(26 51 19 00-0506)*

Note: Includes aluminum alloy chassis.

26 51 19 00-0513	EA	13,650 Lumens, 130 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 130W)	990.41	121.56
		For 480 Volt, Add	*56.96*	
		For >50 To 100, Deduct	*-30.84*	
		For >100 To 250, Deduct	*-55.60*	
		For >250 To 500, Deduct	*-99.04*	
		For >500, Deduct	*-142.48*	
26 51 19 00-0514	EA	21,000 Lumens, 200 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 200W)	1,386.39	121.56
		For 480 Volt, Add	*72.17*	
		For >50 To 100, Deduct	*-40.74*	
		For >100 To 250, Deduct	*-75.40*	
		For >250 To 500, Deduct	*-138.64*	
		For >500, Deduct	*-201.88*	
26 51 19 00-0515	EA	42,000 Lumens, 400 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 400W)	2,476.88	121.56
		For 480 Volt, Add	*114.50*	
		For >50 To 100, Deduct	*-68.00*	
		For >100 To 250, Deduct	*-129.92*	
		For >250 To 500, Deduct	*-247.69*	
		For >500, Deduct	*-365.45*	

26 51 19 00-0516 LED High Bay Fixtures (PlanLED SEGA) *(26 51 19 00-0506)*

Note: Includes aluminum alloy chassis.

26 51 19 00-0517	EA	10,400 Lumens, 80 Watt, LED High Bay Fixture (PlanLED SEGA SE080)	777.18	121.56
		For 0 To 10 Volt Dimming, Add	*87.74*	
		For >50 To 100, Deduct	*-25.51*	
		For >100 To 250, Deduct	*-44.94*	
		For >250 To 500, Deduct	*-77.72*	
		For >500, Deduct	*-110.50*	
26 51 19 00-0518	EA	13,000 Lumens, 100 Watt, LED High Bay Fixture (PlanLED SEGA SE100)	832.01	121.56
		For 0 To 10 Volt Dimming, Add	*87.74*	
		For >50 To 100, Deduct	*-26.88*	
		For >100 To 250, Deduct	*-47.68*	
		For >250 To 500, Deduct	*-83.20*	
		For >500, Deduct	*-118.72*	
26 51 19 00-0519	EA	16,900 Lumens, 130 Watt, LED High Bay Fixture (PlanLED SEGA SE130)	1,020.87	121.56
		For 0 To 10 Volt Dimming, Add	*87.74*	
		For >50 To 100, Deduct	*-31.60*	
		For >100 To 250, Deduct	*-57.12*	
		For >250 To 500, Deduct	*-102.09*	
		For >500, Deduct	*-147.05*	
26 51 19 00-0520	EA	20,800 Lumens, 160 Watt, LED High Bay Fixture (PlanLED SEGA SE160)	1,156.93	121.56
		For 0 To 10 Volt Dimming, Add	*87.74*	
		For >50 To 100, Deduct	*-35.00*	
		For >100 To 250, Deduct	*-63.92*	
		For >250 To 500, Deduct	*-115.69*	
		For >500, Deduct	*-167.46*	
26 51 19 00-0521	EA	50,000 Lumens, 400 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE400)	2,160.09	121.56
		For >50 To 100, Deduct	*-60.08*	
		For >100 To 250, Deduct	*-114.08*	
		For >250 To 500, Deduct	*-216.01*	
		For >500, Deduct	*-317.94*	
26 51 19 00-0522	EA	57,040 Lumens, 500 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE500)	2,338.79	121.56
		For >50 To 100, Deduct	*-64.55*	
		For >100 To 250, Deduct	*-123.02*	
		For >250 To 500, Deduct	*-233.88*	
		For >500, Deduct	*-344.74*	
26 51 19 00-0523	EA	80,000 Lumens, 640 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE640)	3,568.99	121.56
		For >50 To 100, Deduct	*-95.30*	
		For >100 To 250, Deduct	*-184.53*	
		For >250 To 500, Deduct	*-356.90*	
		For >500, Deduct	*-529.27*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0524		Wet/Hazardous Location, LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0525		Wet Location, LED Fixtures *(26 51 19 00-0524)*		
26 51 19 00-0526		Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM) *(26 51 19 00-0525)*		
		Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 19 00-0527	EA	3,531 Lumens, 29 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM3L)	2,325.66	92.83
		For Ceiling Mount, Add	*20.23*	
		For Quick Clip Mounting Option, Add	*29.74*	
		For Frosted Lens, Add	*63.95*	
		For Warm White Color Rendering, Add	*82.33*	
		For Stanchion Mount, Add	*137.98*	
		For Wall Mount, Add	*152.74*	
		For Polycarbonate Lens, Add	*118.54*	
		For Teflon Coated Lens, Add	*135.74*	
		For 480 Volt, Add	*193.91*	
		For >50 To 100, Deduct	*-62.01*	
		For >100 To 250, Deduct	*-120.15*	
		For >250 To 500, Deduct	*-232.57*	
		For >500, Deduct	*-344.98*	
26 51 19 00-0528	EA	5,335 Lumens, 43 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM5L)	2,370.89	99.45
		For Ceiling Mount, Add	*20.23*	
		For Quick Clip Mounting Option, Add	*29.74*	
		For Frosted Lens, Add	*63.95*	
		For Warm White Color Rendering, Add	*82.33*	
		For Stanchion Mount, Add	*137.98*	
		For Wall Mount, Add	*152.74*	
		For Polycarbonate Lens, Add	*118.54*	
		For Teflon Coated Lens, Add	*135.74*	
		For 480 Volt, Add	*193.91*	
		For >50 To 100, Deduct	*-63.42*	
		For >100 To 250, Deduct	*-122.69*	
		For >250 To 500, Deduct	*-237.09*	
		For >500, Deduct	*-351.49*	
26 51 19 00-0529	EA	7,195 Lumens, 62 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM7L)	2,676.24	106.08
		For Ceiling Mount, Add	*20.23*	
		For Quick Clip Mounting Option, Add	*29.74*	
		For Frosted Lens, Add	*63.95*	
		For Warm White Color Rendering, Add	*82.33*	
		For Stanchion Mount, Add	*137.98*	
		For Wall Mount, Add	*152.74*	
		For Polycarbonate Lens, Add	*118.54*	
		For Teflon Coated Lens, Add	*135.74*	
		For 480 Volt, Add	*193.91*	
		For >50 To 100, Deduct	*-71.33*	
		For >100 To 250, Deduct	*-138.23*	
		For >250 To 500, Deduct	*-267.62*	
		For >500, Deduct	*-397.02*	
26 51 19 00-0530	EA	9,266 Lumens, 85 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM9L)	3,220.27	112.72
		For Ceiling Mount, Add	*20.23*	
		For Quick Clip Mounting Option, Add	*29.74*	
		For Frosted Lens, Add	*63.95*	
		For Warm White Color Rendering, Add	*82.33*	
		For Stanchion Mount, Add	*137.98*	
		For Wall Mount, Add	*152.74*	
		For Polycarbonate Lens, Add	*118.54*	
		For Teflon Coated Lens, Add	*135.74*	
		For 480 Volt, Add	*193.91*	
		For >50 To 100, Deduct	*-85.20*	
		For >100 To 250, Deduct	*-165.71*	
		For >250 To 500, Deduct	*-322.03*	
		For >500, Deduct	*-478.34*	
26 51 19 00-0531	EA	11,440 Lumens, 113 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L)	4,105.29	119.34
		For Ceiling Mount, Add	*20.23*	
		For Quick Clip Mounting Option, Add	*29.74*	
		For Frosted Lens, Add	*63.95*	
		For Warm White Color Rendering, Add	*82.33*	
		For Stanchion Mount, Add	*137.98*	
		For Wall Mount, Add	*152.74*	
		For Polycarbonate Lens, Add	*118.54*	
		For Teflon Coated Lens, Add	*135.74*	
		For 480 Volt, Add	*193.91*	
		For >50 To 100, Deduct	*-107.61*	
		For >100 To 250, Deduct	*-210.24*	
		For >250 To 500, Deduct	*-410.53*	
		For >500, Deduct	*-610.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0532	EA	13,226 Lumens, 131 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L)	5,399.61	122.66
		For Ceiling Mount, Add	*20.23*	
		For Quick Clip Mounting Option, Add	*29.74*	
		For Frosted Lens, Add	*63.95*	
		For Warm White Color Rendering, Add	*82.33*	
		For Stanchion Mount, Add	*137.98*	
		For Wall Mount, Add	*152.74*	
		For Polycarbonate Lens, Add	*118.54*	
		For Teflon Coated Lens, Add	*135.74*	
		For 480 Volt, Add	*193.91*	
		For >50 To 100, Deduct	*-140.10*	
		For >100 To 250, Deduct	*-275.09*	
		For >250 To 500, Deduct	*-539.96*	
		For >500, Deduct	*-804.83*	
26 51 19 00-0533	EA	18,793 Lumens, 168 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM17L)	6,252.65	125.97
		For Ceiling Mount, Add	*20.23*	
		For Quick Clip Mounting Option, Add	*29.74*	
		For Frosted Lens, Add	*63.95*	
		For Warm White Color Rendering, Add	*82.33*	
		For Stanchion Mount, Add	*137.98*	
		For Wall Mount, Add	*152.74*	
		For Polycarbonate Lens, Add	*118.54*	
		For Teflon Coated Lens, Add	*135.74*	
		For 480 Volt, Add	*193.91*	
		For >50 To 100, Deduct	*-161.57*	
		For >100 To 250, Deduct	*-317.88*	
		For >250 To 500, Deduct	*-625.27*	
		For >500, Deduct	*-932.65*	

26 51 19 00-0534 Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM) *(26 51 19 00-0525)*

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0535	EA	5,183 Lumens, 45 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM5L)	2,096.86	99.45
		For Bolt-On Visor, Add	*110.11*	
		For Bolt-On Wire Guard, Add	*226.48*	
		For 480 Volt, Add	*193.91*	
		For Warm White Color Rendering, Add	*82.33*	
		For >50 To 100, Deduct	*-56.57*	
		For >100 To 250, Deduct	*-108.99*	
		For >250 To 500, Deduct	*-209.69*	
		For >500, Deduct	*-310.39*	
26 51 19 00-0536	EA	7,095 Lumens, 62 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM7L)	3,091.45	106.08
		For Bolt-On Visor, Add	*110.11*	
		For Bolt-On Wire Guard, Add	*226.48*	
		For 480 Volt, Add	*193.91*	
		For Warm White Color Rendering, Add	*82.33*	
		For >50 To 100, Deduct	*-81.71*	
		For >100 To 250, Deduct	*-158.99*	
		For >250 To 500, Deduct	*-309.15*	
		For >500, Deduct	*-459.30*	
26 51 19 00-0537	EA	9,132 Lumens, 79 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM9L)	3,408.18	112.72
		For Bolt-On Visor, Add	*110.11*	
		For Bolt-On Wire Guard, Add	*226.48*	
		For 480 Volt, Add	*193.91*	
		For Warm White Color Rendering, Add	*82.33*	
		For >50 To 100, Deduct	*-89.90*	
		For >100 To 250, Deduct	*-175.11*	
		For >250 To 500, Deduct	*-340.82*	
		For >500, Deduct	*-506.53*	
26 51 19 00-0538	EA	11,107 Lumens, 99 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM11L)	3,912.24	119.34
		For Bolt-On Visor, Add	*110.11*	
		For Bolt-On Wire Guard, Add	*226.48*	
		For 480 Volt, Add	*193.91*	
		For Warm White Color Rendering, Add	*82.33*	
		For >50 To 100, Deduct	*-102.78*	
		For >100 To 250, Deduct	*-200.58*	
		For >250 To 500, Deduct	*-391.22*	
		For >500, Deduct	*-581.86*	

26 51 19 00-0539 Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2L) *(26 51 19 00-0525)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0540	EA	1,400 Lumens, 25 Watt, Pendant Mount, Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2LC)	1,456.07	92.83
		For 12/24 Volt DC Driver, Add	*31.30*	
		For Frosted Lens, Add	*63.95*	
		For 55 Degree Ambient Suitability (AC Only), Add	*42.61*	
		For Warm White Color Rendering, Add	*82.33*	
		For Ceiling Mount, Add	*97.23*	
		For Wall Mount, Add	*141.00*	
		For Teflon Coated Lens, Add	*135.74*	
		For Wall Mount With Junction Box, Add	*204.84*	
		For >50 To 100, Deduct	*-40.27*	
		For >100 To 250, Deduct	*-76.67*	
		For >250 To 500, Deduct	*-145.61*	
		For >500, Deduct	*-214.54*	
26 51 19 00-0541		Vaportight, LED Fixtures *(26 51 19 00-0524)*		
26 51 19 00-0542		General Distribution, Vaportight, LED Fixtures (Metalux) *(26 51 19 00-0541)*		
26 51 19 00-0543	EA	2', 2,000 Lumens, 16 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-G-UNV-L850-CD1-U)	336.79	53.05
		For >50 To 100, Deduct	*-10.63*	
		For >100 To 250, Deduct	*-19.05*	
		For >250 To 500, Deduct	*-33.68*	
		For >500, Deduct	*-48.31*	
26 51 19 00-0544	EA	2', 3,000 Lumens, 24 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-G-UNV-L850-CD1-U)	351.76	53.05
		For >50 To 100, Deduct	*-11.00*	
		For >100 To 250, Deduct	*-19.80*	
		For >250 To 500, Deduct	*-35.18*	
		For >500, Deduct	*-50.55*	
26 51 19 00-0545	EA	2', 4,000 Lumens, 32 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-G-UNV-L850-CD1-U)	381.73	53.05
		For >50 To 100, Deduct	*-11.75*	
		For >100 To 250, Deduct	*-21.30*	
		For >250 To 500, Deduct	*-38.17*	
		For >500, Deduct	*-55.05*	
26 51 19 00-0546	EA	4', 4,000 Lumens, 32 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-G-UNV-L850-CD1-U)	338.26	66.30
		For >50 To 100, Deduct	*-11.22*	
		For >100 To 250, Deduct	*-19.68*	
		For >250 To 500, Deduct	*-33.83*	
		For >500, Deduct	*-47.98*	
26 51 19 00-0547	EA	4', 6,000 Lumens, 51 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-G-UNV-L850-CD1-U)	381.24	66.30
		For >50 To 100, Deduct	*-12.29*	
		For >100 To 250, Deduct	*-21.82*	
		For >250 To 500, Deduct	*-38.12*	
		For >500, Deduct	*-54.42*	
26 51 19 00-0548	EA	4', 8,000 Lumens, 67 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-G-UNV-L850-CD1-U)	538.65	66.30
		For >50 To 100, Deduct	*-16.23*	
		For >100 To 250, Deduct	*-29.70*	
		For >250 To 500, Deduct	*-53.87*	
		For >500, Deduct	*-78.04*	
26 51 19 00-0549		Wide Distribution, Vaportight, LED Fixtures (Metalux) *(26 51 19 00-0541)*		
26 51 19 00-0550	EA	2', 2,000 Lumens, 17 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-W-UNV-L850-CD1-U)	366.75	53.05
		For >50 To 100, Deduct	*-11.38*	
		For >100 To 250, Deduct	*-20.55*	
		For >250 To 500, Deduct	*-36.68*	
		For >500, Deduct	*-52.80*	
26 51 19 00-0551	EA	2', 3,000 Lumens, 25 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-W-UNV-L850-CD1-U)	381.73	53.05
		For >50 To 100, Deduct	*-11.75*	
		For >100 To 250, Deduct	*-21.30*	
		For >250 To 500, Deduct	*-38.17*	
		For >500, Deduct	*-55.05*	
26 51 19 00-0552	EA	2', 4,000 Lumens, 34 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-W-UNV-L850-CD1-U)	411.69	53.05
		For >50 To 100, Deduct	*-12.50*	
		For >100 To 250, Deduct	*-22.79*	
		For >250 To 500, Deduct	*-41.17*	
		For >500, Deduct	*-59.54*	
26 51 19 00-0553	EA	4', 4,000 Lumens, 31 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-W-UNV-L850-CD1-U)	478.74	66.30
		For >50 To 100, Deduct	*-14.73*	
		For >100 To 250, Deduct	*-26.70*	
		For >250 To 500, Deduct	*-47.87*	
		For >500, Deduct	*-69.05*	

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0554	EA	4', 6,000 Lumens, 49 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-W-UNV-L850-CD1-U)	538.65	66.30
		For >50 To 100, Deduct	*-16.23*	
		For >100 To 250, Deduct	*-29.70*	
		For >250 To 500, Deduct	*-53.87*	
		For >500, Deduct	*-78.04*	
26 51 19 00-0555	EA	4', 8,000 Lumens, 70 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-W-UNV-L850-CD1-U)	598.58	66.30
		For >50 To 100, Deduct	*-17.73*	
		For >100 To 250, Deduct	*-32.69*	
		For >250 To 500, Deduct	*-59.86*	
		For >500, Deduct	*-87.02*	
26 51 19 00-0556		Parking Garage Distribution, Vaportight, LED Fixtures (Metalux) *(26 51 19 00-0541)*		
26 51 19 00-0557	EA	2', 2,000 Lumens, 17 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-P-UNV-L850-CD1-U)	366.75	53.05
		For >50 To 100, Deduct	*-11.38*	
		For >100 To 250, Deduct	*-20.55*	
		For >250 To 500, Deduct	*-36.68*	
		For >500, Deduct	*-52.80*	
26 51 19 00-0558	EA	2', 3,000 Lumens, 25 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-P-UNV-L850-CD1-U)	382.87	53.05
		For >50 To 100, Deduct	*-11.78*	
		For >100 To 250, Deduct	*-21.35*	
		For >250 To 500, Deduct	*-38.29*	
		For >500, Deduct	*-55.22*	
26 51 19 00-0559	EA	2', 4,000 Lumens, 34 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-P-UNV-L850-CD1-U)	411.69	53.05
		For >50 To 100, Deduct	*-12.50*	
		For >100 To 250, Deduct	*-22.79*	
		For >250 To 500, Deduct	*-41.17*	
		For >500, Deduct	*-59.54*	
26 51 19 00-0560	EA	4', 4,000 Lumens, 31 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-P-UNV-L850-CD1-U)	478.74	66.30
		For >50 To 100, Deduct	*-14.73*	
		For >100 To 250, Deduct	*-26.70*	
		For >250 To 500, Deduct	*-47.87*	
		For >500, Deduct	*-69.05*	
26 51 19 00-0561	EA	4', 6,000 Lumens, 49 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-P-UNV-L850-CD1-U)	538.65	66.30
		For >50 To 100, Deduct	*-16.23*	
		For >100 To 250, Deduct	*-29.70*	
		For >250 To 500, Deduct	*-53.87*	
		For >500, Deduct	*-78.04*	
26 51 19 00-0562	EA	4', 8,000 Lumens, 69 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-P-UNV-L850-CD1-U)	598.58	66.30
		For >50 To 100, Deduct	*-17.73*	
		For >100 To 250, Deduct	*-32.69*	
		For >250 To 500, Deduct	*-59.86*	
		For >500, Deduct	*-87.02*	
26 51 19 00-0563		Ceiling Mounted LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0564		Ceiling Mounted, LED Drum Fixtures (Enertron) *(26 51 19 00-0563)*		
26 51 19 00-0565	EA	11" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X611-30)	135.20	44.20
		For >50 To 100, Deduct	*-5.04*	
		For >100 To 250, Deduct	*-8.42*	
		For >250 To 500, Deduct	*-13.52*	
		For >500, Deduct	*-18.62*	
26 51 19 00-0566	EA	11" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X611-30)	142.04	44.20
		For >50 To 100, Deduct	*-5.21*	
		For >100 To 250, Deduct	*-8.76*	
		For >250 To 500, Deduct	*-14.20*	
		For >500, Deduct	*-19.65*	
26 51 19 00-0567	EA	11" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X611-30)	148.88	44.20
		For >50 To 100, Deduct	*-5.38*	
		For >100 To 250, Deduct	*-9.10*	
		For >250 To 500, Deduct	*-14.89*	
		For >500, Deduct	*-20.67*	
26 51 19 00-0568	EA	11" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X611-30)	155.72	44.20
		For >50 To 100, Deduct	*-5.55*	
		For >100 To 250, Deduct	*-9.44*	
		For >250 To 500, Deduct	*-15.57*	
		For >500, Deduct	*-21.70*	
26 51 19 00-0569	EA	14" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X614-30)	148.93	48.62
		For >50 To 100, Deduct	*-5.55*	
		For >100 To 250, Deduct	*-9.27*	
		For >250 To 500, Deduct	*-14.89*	
		For >500, Deduct	*-20.52*	
26 51 19 00-0570	EA	14" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X614-30)	155.77	48.62
		For >50 To 100, Deduct	*-5.72*	
		For >100 To 250, Deduct	*-9.61*	
		For >250 To 500, Deduct	*-15.58*	
		For >500, Deduct	*-21.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0571	EA	14" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X614-30)	162.61	48.62
		For >50 To 100, Deduct	*-5.89*	
		For >100 To 250, Deduct	*-9.95*	
		For >250 To 500, Deduct	*-16.26*	
		For >500, Deduct	*-22.57*	
26 51 19 00-0572	EA	14" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X614-30)	169.45	48.62
		For >50 To 100, Deduct	*-6.06*	
		For >100 To 250, Deduct	*-10.30*	
		For >250 To 500, Deduct	*-16.95*	
		For >500, Deduct	*-23.59*	
26 51 19 00-0573	EA	14" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	183.13	48.62
		For >50 To 100, Deduct	*-6.40*	
		For >100 To 250, Deduct	*-10.98*	
		For >250 To 500, Deduct	*-18.31*	
		For >500, Deduct	*-25.65*	
26 51 19 00-0574	EA	11" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X611-35)	135.20	44.20
		For >50 To 100, Deduct	*-5.04*	
		For >100 To 250, Deduct	*-8.42*	
		For >250 To 500, Deduct	*-13.52*	
		For >500, Deduct	*-18.62*	
26 51 19 00-0575	EA	11" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X611-35)	142.04	44.20
		For >50 To 100, Deduct	*-5.21*	
		For >100 To 250, Deduct	*-8.76*	
		For >250 To 500, Deduct	*-14.20*	
		For >500, Deduct	*-19.65*	
26 51 19 00-0576	EA	11" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X611-35)	148.88	44.20
		For >50 To 100, Deduct	*-5.38*	
		For >100 To 250, Deduct	*-9.10*	
		For >250 To 500, Deduct	*-14.89*	
		For >500, Deduct	*-20.67*	
26 51 19 00-0577	EA	11" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X611-35)	155.72	44.20
		For >50 To 100, Deduct	*-5.55*	
		For >100 To 250, Deduct	*-9.44*	
		For >250 To 500, Deduct	*-15.57*	
		For >500, Deduct	*-21.70*	
26 51 19 00-0578	EA	14" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X614-35)	148.93	48.62
		For >50 To 100, Deduct	*-5.55*	
		For >100 To 250, Deduct	*-9.27*	
		For >250 To 500, Deduct	*-14.89*	
		For >500, Deduct	*-20.52*	
26 51 19 00-0579	EA	14" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X614-35)	155.77	48.62
		For >50 To 100, Deduct	*-5.72*	
		For >100 To 250, Deduct	*-9.61*	
		For >250 To 500, Deduct	*-15.58*	
		For >500, Deduct	*-21.54*	
26 51 19 00-0580	EA	14" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X614-35)	162.61	48.62
		For >50 To 100, Deduct	*-5.89*	
		For >100 To 250, Deduct	*-9.95*	
		For >250 To 500, Deduct	*-16.26*	
		For >500, Deduct	*-22.57*	
26 51 19 00-0581	EA	14" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X614-35)	169.45	48.62
		For >50 To 100, Deduct	*-6.06*	
		For >100 To 250, Deduct	*-10.30*	
		For >250 To 500, Deduct	*-16.95*	
		For >500, Deduct	*-23.59*	
26 51 19 00-0582	EA	14" Diameter, 3,180 Lumens, 24 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	183.13	48.62
		For >50 To 100, Deduct	*-6.40*	
		For >100 To 250, Deduct	*-10.98*	
		For >250 To 500, Deduct	*-18.31*	
		For >500, Deduct	*-25.65*	
26 51 19 00-0583	EA	11" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X611-40)	135.20	44.20
		For >50 To 100, Deduct	*-5.04*	
		For >100 To 250, Deduct	*-8.42*	
		For >250 To 500, Deduct	*-13.52*	
		For >500, Deduct	*-18.62*	
26 51 19 00-0584	EA	11" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X611-40)	142.04	44.20
		For >50 To 100, Deduct	*-5.21*	
		For >100 To 250, Deduct	*-8.76*	
		For >250 To 500, Deduct	*-14.20*	
		For >500, Deduct	*-19.65*	
26 51 19 00-0585	EA	11" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X611-40)	148.88	44.20
		For >50 To 100, Deduct	*-5.38*	
		For >100 To 250, Deduct	*-9.10*	
		For >250 To 500, Deduct	*-14.89*	
		For >500, Deduct	*-20.67*	
26 51 19 00-0586	EA	11" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X611-40)	155.72	44.20
		For >50 To 100, Deduct	*-5.55*	
		For >100 To 250, Deduct	*-9.44*	
		For >250 To 500, Deduct	*-15.57*	
		For >500, Deduct	*-21.70*	
26 51 19 00-0587	EA	14" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	148.93	48.62
		For >50 To 100, Deduct	*-5.55*	
		For >100 To 250, Deduct	*-9.27*	
		For >250 To 500, Deduct	*-14.89*	
		For >500, Deduct	*-20.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0588	EA	14" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	155.77	48.62
		For >50 To 100, Deduct	*-5.72*	
		For >100 To 250, Deduct	*-9.61*	
		For >250 To 500, Deduct	*-15.58*	
		For >500, Deduct	*-21.54*	
26 51 19 00-0589	EA	14" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	162.61	48.62
		For >50 To 100, Deduct	*-5.89*	
		For >100 To 250, Deduct	*-9.95*	
		For >250 To 500, Deduct	*-16.26*	
		For >500, Deduct	*-22.57*	
26 51 19 00-0590	EA	14" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	169.45	48.62
		For >50 To 100, Deduct	*-6.06*	
		For >100 To 250, Deduct	*-10.30*	
		For >250 To 500, Deduct	*-16.95*	
		For >500, Deduct	*-23.59*	
26 51 19 00-0591	EA	14" Diameter, 3,300 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	183.13	48.62
		For >50 To 100, Deduct	*-6.40*	
		For >100 To 250, Deduct	*-10.98*	
		For >250 To 500, Deduct	*-18.31*	
		For >500, Deduct	*-25.65*	
26 51 19 00-0592	EA	11" Diameter, 560 Lumens, 7 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED1X611-50)	135.20	44.20
		For >50 To 100, Deduct	*-5.04*	
		For >100 To 250, Deduct	*-8.42*	
		For >250 To 500, Deduct	*-13.52*	
		For >500, Deduct	*-18.62*	
26 51 19 00-0593	EA	11" Diameter, 1,120 Lumens, 10 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED2X611-50)	142.04	44.20
		For >50 To 100, Deduct	*-5.21*	
		For >100 To 250, Deduct	*-8.76*	
		For >250 To 500, Deduct	*-14.20*	
		For >500, Deduct	*-19.65*	
26 51 19 00-0594	EA	11" Diameter, 1,680 Lumens, 14 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED3X611-50)	148.88	44.20
		For >50 To 100, Deduct	*-5.38*	
		For >100 To 250, Deduct	*-9.10*	
		For >250 To 500, Deduct	*-14.89*	
		For >500, Deduct	*-20.67*	
26 51 19 00-0595	EA	11" Diameter, 2,240 Lumens, 17 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED4X611-50)	155.72	44.20
		For >50 To 100, Deduct	*-5.55*	
		For >100 To 250, Deduct	*-9.44*	
		For >250 To 500, Deduct	*-15.57*	
		For >500, Deduct	*-21.70*	
26 51 19 00-0596	EA	14" Diameter, 560 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	148.93	48.62
		For >50 To 100, Deduct	*-5.55*	
		For >100 To 250, Deduct	*-9.27*	
		For >250 To 500, Deduct	*-14.89*	
		For >500, Deduct	*-20.52*	
26 51 19 00-0597	EA	14" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	155.77	48.62
		For >50 To 100, Deduct	*-5.72*	
		For >100 To 250, Deduct	*-9.61*	
		For >250 To 500, Deduct	*-15.58*	
		For >500, Deduct	*-21.54*	
26 51 19 00-0598	EA	14" Diameter, 1,680 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	162.61	48.62
		For >50 To 100, Deduct	*-5.89*	
		For >100 To 250, Deduct	*-9.95*	
		For >250 To 500, Deduct	*-16.26*	
		For >500, Deduct	*-22.57*	
26 51 19 00-0599	EA	14" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	169.45	48.62
		For >50 To 100, Deduct	*-6.06*	
		For >100 To 250, Deduct	*-10.30*	
		For >250 To 500, Deduct	*-16.95*	
		For >500, Deduct	*-23.59*	
26 51 19 00-0600	EA	14" Diameter, 3,360 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	183.13	48.62
		For >50 To 100, Deduct	*-6.40*	
		For >100 To 250, Deduct	*-10.98*	
		For >250 To 500, Deduct	*-18.31*	
		For >500, Deduct	*-25.65*	
26 51 19 00-0601	EA	19" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-30)	188.44	52.49
		For >50 To 100, Deduct	*-6.70*	
		For >100 To 250, Deduct	*-11.41*	
		For >250 To 500, Deduct	*-18.84*	
		For >500, Deduct	*-26.28*	
26 51 19 00-0602	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X619-30)	203.99	52.49
		For >50 To 100, Deduct	*-7.09*	
		For >100 To 250, Deduct	*-12.19*	
		For >250 To 500, Deduct	*-20.40*	
		For >500, Deduct	*-28.61*	
26 51 19 00-0603	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-30)	200.19	52.49
		For >50 To 100, Deduct	*-6.99*	
		For >100 To 250, Deduct	*-12.00*	
		For >250 To 500, Deduct	*-20.02*	
		For >500, Deduct	*-28.04*	
26 51 19 00-0604	EA	19" Diameter, 1,910 Lumens, 18 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-30)	200.13	52.49
		For >50 To 100, Deduct	*-6.99*	
		For >100 To 250, Deduct	*-12.00*	
		For >250 To 500, Deduct	*-20.01*	
		For >500, Deduct	*-28.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0605	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	217.67	52.49
		For >50 To 100, Deduct	*-7.43*	
		For >100 To 250, Deduct	*-12.87*	
		For >250 To 500, Deduct	*-21.77*	
		For >500, Deduct	*-30.66*	
26 51 19 00-0606	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	212.01	52.49
		For >50 To 100, Deduct	*-7.29*	
		For >100 To 250, Deduct	*-12.59*	
		For >250 To 500, Deduct	*-21.20*	
		For >500, Deduct	*-29.81*	
26 51 19 00-0607	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	235.70	52.49
		For >50 To 100, Deduct	*-7.88*	
		For >100 To 250, Deduct	*-13.77*	
		For >250 To 500, Deduct	*-23.57*	
		For >500, Deduct	*-33.37*	
26 51 19 00-0608	EA	19" Diameter, 3,820 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-30)	227.99	52.49
		For >50 To 100, Deduct	*-7.69*	
		For >100 To 250, Deduct	*-13.39*	
		For >250 To 500, Deduct	*-22.80*	
		For >500, Deduct	*-32.21*	
26 51 19 00-0609	EA	19" Diameter, 4,240 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-30)	228.05	52.49
		For >50 To 100, Deduct	*-7.69*	
		For >100 To 250, Deduct	*-13.39*	
		For >250 To 500, Deduct	*-22.81*	
		For >500, Deduct	*-32.22*	
26 51 19 00-0610	EA	19" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12S19-35)	188.44	52.49
		For >50 To 100, Deduct	*-6.70*	
		For >100 To 250, Deduct	*-11.41*	
		For >250 To 500, Deduct	*-18.84*	
		For >500, Deduct	*-26.28*	
26 51 19 00-0611	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X619-35)	203.99	52.49
		For >50 To 100, Deduct	*-7.09*	
		For >100 To 250, Deduct	*-12.19*	
		For >250 To 500, Deduct	*-20.40*	
		For >500, Deduct	*-28.61*	
26 51 19 00-0612	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	200.19	52.49
		For >50 To 100, Deduct	*-6.99*	
		For >100 To 250, Deduct	*-12.00*	
		For >250 To 500, Deduct	*-20.02*	
		For >500, Deduct	*-28.04*	
26 51 19 00-0613	EA	19" Diameter, 1,910 Lumens, 18 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12H19-35)	200.13	52.49
		For >50 To 100, Deduct	*-6.99*	
		For >100 To 250, Deduct	*-12.00*	
		For >250 To 500, Deduct	*-20.01*	
		For >500, Deduct	*-28.03*	
26 51 19 00-0614	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	217.67	52.49
		For >50 To 100, Deduct	*-7.43*	
		For >100 To 250, Deduct	*-12.87*	
		For >250 To 500, Deduct	*-21.77*	
		For >500, Deduct	*-30.66*	
26 51 19 00-0615	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	212.01	52.49
		For >50 To 100, Deduct	*-7.29*	
		For >100 To 250, Deduct	*-12.59*	
		For >250 To 500, Deduct	*-21.20*	
		For >500, Deduct	*-29.81*	
26 51 19 00-0616	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	235.70	52.49
		For >50 To 100, Deduct	*-7.88*	
		For >100 To 250, Deduct	*-13.77*	
		For >250 To 500, Deduct	*-23.57*	
		For >500, Deduct	*-33.37*	
26 51 19 00-0617	EA	19" Diameter, 3,820 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12H19-35)	227.99	52.49
		For >50 To 100, Deduct	*-7.69*	
		For >100 To 250, Deduct	*-13.39*	
		For >250 To 500, Deduct	*-22.80*	
		For >500, Deduct	*-32.21*	
26 51 19 00-0618	EA	19" Diameter, 4,240 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X12S19-35)	228.05	52.49
		For >50 To 100, Deduct	*-7.69*	
		For >100 To 250, Deduct	*-13.39*	
		For >250 To 500, Deduct	*-22.81*	
		For >500, Deduct	*-32.22*	
26 51 19 00-0619	EA	19" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-40)	188.44	52.49
		For >50 To 100, Deduct	*-6.70*	
		For >100 To 250, Deduct	*-11.41*	
		For >250 To 500, Deduct	*-18.84*	
		For >500, Deduct	*-26.28*	
26 51 19 00-0620	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	203.99	52.49
		For >50 To 100, Deduct	*-7.09*	
		For >100 To 250, Deduct	*-12.19*	
		For >250 To 500, Deduct	*-20.40*	
		For >500, Deduct	*-28.61*	
26 51 19 00-0621	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	200.19	52.49
		For >50 To 100, Deduct	*-6.99*	
		For >100 To 250, Deduct	*-12.00*	
		For >250 To 500, Deduct	*-20.02*	
		For >500, Deduct	*-28.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0622	EA	19" Diameter, 2,000 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-40)	200.13	52.49
		For >50 To 100, Deduct	*-6.99*	
		For >100 To 250, Deduct	*-12.00*	
		For >250 To 500, Deduct	*-20.01*	
		For >500, Deduct	*-28.03*	
26 51 19 00-0623	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	217.67	52.49
		For >50 To 100, Deduct	*-7.43*	
		For >100 To 250, Deduct	*-12.87*	
		For >250 To 500, Deduct	*-21.77*	
		For >500, Deduct	*-30.66*	
26 51 19 00-0624	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	212.01	52.49
		For >50 To 100, Deduct	*-7.29*	
		For >100 To 250, Deduct	*-12.59*	
		For >250 To 500, Deduct	*-21.20*	
		For >500, Deduct	*-29.81*	
26 51 19 00-0625	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	235.70	52.49
		For >50 To 100, Deduct	*-7.88*	
		For >100 To 250, Deduct	*-13.77*	
		For >250 To 500, Deduct	*-23.57*	
		For >500, Deduct	*-33.37*	
26 51 19 00-0626	EA	19" Diameter, 4,000 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-40)	227.99	52.49
		For >50 To 100, Deduct	*-7.69*	
		For >100 To 250, Deduct	*-13.39*	
		For >250 To 500, Deduct	*-22.80*	
		For >500, Deduct	*-32.21*	
26 51 19 00-0627	EA	19" Diameter, 4,400 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-40)	228.05	52.49
		For >50 To 100, Deduct	*-7.69*	
		For >100 To 250, Deduct	*-13.39*	
		For >250 To 500, Deduct	*-22.81*	
		For >500, Deduct	*-32.22*	
26 51 19 00-0628	EA	19" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-50)	188.44	52.49
		For >50 To 100, Deduct	*-6.70*	
		For >100 To 250, Deduct	*-11.41*	
		For >250 To 500, Deduct	*-18.84*	
		For >500, Deduct	*-26.28*	
26 51 19 00-0629	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	203.99	52.49
		For >50 To 100, Deduct	*-7.09*	
		For >100 To 250, Deduct	*-12.19*	
		For >250 To 500, Deduct	*-20.40*	
		For >500, Deduct	*-28.61*	
26 51 19 00-0630	EA	19" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-50)	200.19	52.49
		For >50 To 100, Deduct	*-6.99*	
		For >100 To 250, Deduct	*-12.00*	
		For >250 To 500, Deduct	*-20.02*	
		For >500, Deduct	*-28.04*	
26 51 19 00-0631	EA	19" Diameter, 2,010 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-50)	200.13	52.49
		For >50 To 100, Deduct	*-6.99*	
		For >100 To 250, Deduct	*-12.00*	
		For >250 To 500, Deduct	*-20.01*	
		For >500, Deduct	*-28.03*	
26 51 19 00-0632	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	217.67	52.49
		For >50 To 100, Deduct	*-7.43*	
		For >100 To 250, Deduct	*-12.87*	
		For >250 To 500, Deduct	*-21.77*	
		For >500, Deduct	*-30.66*	
26 51 19 00-0633	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	212.01	52.49
		For >50 To 100, Deduct	*-7.29*	
		For >100 To 250, Deduct	*-12.59*	
		For >250 To 500, Deduct	*-21.20*	
		For >500, Deduct	*-29.81*	
26 51 19 00-0634	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	235.70	52.49
		For >50 To 100, Deduct	*-7.88*	
		For >100 To 250, Deduct	*-13.77*	
		For >250 To 500, Deduct	*-23.57*	
		For >500, Deduct	*-33.37*	
26 51 19 00-0635	EA	19" Diameter, 4,020 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-50)	227.99	52.49
		For >50 To 100, Deduct	*-7.69*	
		For >100 To 250, Deduct	*-13.39*	
		For >250 To 500, Deduct	*-22.80*	
		For >500, Deduct	*-32.21*	
26 51 19 00-0636	EA	19" Diameter, 4,480 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-50)	228.05	52.49
		For >50 To 100, Deduct	*-7.69*	
		For >100 To 250, Deduct	*-13.39*	
		For >250 To 500, Deduct	*-22.81*	
		For >500, Deduct	*-32.22*	
26 51 19 00-0637		Ceiling Mounted, LED Mushroom Fixtures (Mobern) *(26 51 19 00-0563)*		
26 51 19 00-0638	EA	14" Diameter, 800 Lumens, 12 Watt, LED Ceiling Fixture (Mobern 6814LED12MV30)	184.04	48.62
		For >50 To 100, Deduct	*-6.42*	
		For >100 To 250, Deduct	*-11.03*	
		For >250 To 500, Deduct	*-18.40*	
		For >500, Deduct	*-25.78*	
26 51 19 00-0639		Ceiling Mounted, LED Fixtures (Sylvania) *(26 51 19 00-0563)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0640	EA	12.5" x 12.5" x 2.32" Deep, 4,200 Lumens, 35 Watt, LED Garage Light Fixture (Sylvania GARAG1/035UNVD740/G5/SV/D)	678.45	52.49
		For >50 To 100, Deduct	*-18.95*	
		For >100 To 250, Deduct	*-35.91*	
		For >250 To 500, Deduct	*-67.85*	
		For >500, Deduct	*-99.78*	
26 51 19 00-0641	EA	2' x 2', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/22G/WH + SMKIT1A/24A/WH)	262.30	44.20
		For >50 To 100, Deduct	*-8.22*	
		For >100 To 250, Deduct	*-14.77*	
		For >250 To 500, Deduct	*-26.23*	
		For >500, Deduct	*-37.69*	
26 51 19 00-0642	EA	2' x 4', 32 Watt, 120-277 Volt, 3500K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD835/24G/WH + SMKIT1A/24A/WH)	326.36	51.49
		For >50 To 100, Deduct	*-10.09*	
		For >100 To 250, Deduct	*-18.25*	
		For >250 To 500, Deduct	*-32.64*	
		For >500, Deduct	*-47.02*	
26 51 19 00-0643	EA	2' x 4', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/24G/WH + SMKIT1A/24A/WH)	330.16	51.49
		For >50 To 100, Deduct	*-10.19*	
		For >100 To 250, Deduct	*-18.44*	
		For >250 To 500, Deduct	*-33.02*	
		For >500, Deduct	*-47.59*	

26 51 19 00-0644 Refrigeration/Display LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0645 Refrigeration/Display LED Fixtures (Lithonia) *(26 51 19 00-0644)*

Note: Fixtures exclude driver.

26 51 19 00-0646	EA	5' Length, Center Mount, Refrigeration/Display, Vertical LED Fixture (Lithonia FSV5 CM)	277.74	51.49
		For >50 To 100, Deduct	*-8.88*	
		For >100 To 250, Deduct	*-15.82*	
		For >250 To 500, Deduct	*-27.77*	
		For >500, Deduct	*-39.73*	
26 51 19 00-0647	EA	5' Length, Left And Right Mount (Pair), Refrigeration/Display, Vertical LED Fixture (Lithonia FSVDRVL RLEM DLC)	364.18	91.16
		For >50 To 100, Deduct	*-12.56*	
		For >100 To 250, Deduct	*-21.66*	
		For >250 To 500, Deduct	*-36.42*	
		For >500, Deduct	*-51.17*	
26 51 19 00-0648	EA	Up To 5 Door Configuration, LED Driver For Refrigeration/Display, Vertical LED Fixtures (Lithonia FSVDRVL)	333.61	72.94
		For >50 To 100, Deduct	*-11.10*	
		For >100 To 250, Deduct	*-19.44*	
		For >250 To 500, Deduct	*-33.36*	
		For >500, Deduct	*-47.28*	

26 51 19 00-0649 Wall Washers LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0650 LED Wall Washers (GE Lumination™ LW Series) *(26 51 19 00-0649)*

26 51 19 00-0651	EA	4' Length, 5 Watt, 30° x 80° Lens, LED Wall Washer Light Fixture (GE Lumination™ LW Series)	623.99	66.30
		For >50 To 100, Deduct	*-18.36*	
		For >100 To 250, Deduct	*-33.96*	
		For >250 To 500, Deduct	*-62.40*	
		For >500, Deduct	*-90.84*	
26 51 19 00-0652	EA	4' Length, 8 Watt, 30° x 80° Lens, LED Wall Washer Light Fixture (GE Lumination™ LW Series)	793.92	66.30
		For >50 To 100, Deduct	*-22.61*	
		For >100 To 250, Deduct	*-42.46*	
		For >250 To 500, Deduct	*-79.39*	
		For >500, Deduct	*-116.33*	
26 51 19 00-0653	EA	8' Length, 5 Watt, 30° x 80° Lens, LED Wall Washer Light Fixture (GE Lumination™ LW Series)	1,165.11	82.88
		For >50 To 100, Deduct	*-32.58*	
		For >100 To 250, Deduct	*-61.71*	
		For >250 To 500, Deduct	*-116.51*	
		For >500, Deduct	*-171.31*	
26 51 19 00-0654	EA	8' Length, 8 Watt, 30° x 80° Lens, LED Wall Washer Light Fixture (GE Lumination™ LW Series)	1,504.97	82.88
		For >50 To 100, Deduct	*-41.08*	
		For >100 To 250, Deduct	*-78.70*	
		For >250 To 500, Deduct	*-150.50*	
		For >500, Deduct	*-222.29*	
26 51 19 00-0655	EA	120" Leader Cable (GE LLWB-LC2-120)	140.78	6.04
		For >50 To 100, Deduct	*-4.12*	
		For >100 To 250, Deduct	*-7.64*	
		For >250 To 500, Deduct	*-14.08*	
		For >500, Deduct	*-20.51*	
26 51 19 00-0656	EA	48" Jumper Cable (GE LLWB-JC2-48)	143.14	6.04
		For >50 To 100, Deduct	*-4.18*	
		For >100 To 250, Deduct	*-7.76*	
		For >250 To 500, Deduct	*-14.31*	
		For >500, Deduct	*-20.87*	
26 51 19 00-0657	EA	10 Pack, 48" Mounting Track (GE LWW1-MT48/0)	94.05	33.87
		For >50 To 100, Deduct	*-3.68*	
		For >100 To 250, Deduct	*-6.03*	
		For >250 To 500, Deduct	*-9.41*	
		For >500, Deduct	*-12.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0658		Linear LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0659		Wet Location, Linear LED Fixtures (Cree WS4) *(26 51 19 00-0658)*		
26 51 19 00-0660	EA	4' Length, 4,700 Lumens, 50 Watt, Wet Location, Linear LED Fixture (Cree WS4)	547.13	66.30
		For >50 To 100, Deduct	*-16.44*	
		For >100 To 250, Deduct	*-30.12*	
		For >250 To 500, Deduct	*-54.71*	
		For >500, Deduct	*-79.31*	
26 51 19 00-0661	EA	4' Length, 5,000 Lumens, 51 Watt, Wet Location, Linear LED Fixture (Cree WS4)	591.97	66.30
		For >50 To 100, Deduct	*-17.56*	
		For >100 To 250, Deduct	*-32.36*	
		For >250 To 500, Deduct	*-59.20*	
		For >500, Deduct	*-86.03*	
26 51 19 00-0662	EA	4' Length, 5,900 Lumens, 63 Watt, Wet Location, Linear LED Fixture (Cree WS4)	617.93	66.30
		For >50 To 100, Deduct	*-18.21*	
		For >100 To 250, Deduct	*-33.66*	
		For >250 To 500, Deduct	*-61.79*	
		For >500, Deduct	*-89.93*	
26 51 19 00-0663	EA	4' Length, 6,300 Lumens, 64 Watt, Wet Location, Linear LED Fixture (Cree WS4)	617.93	66.30
		For >50 To 100, Deduct	*-18.21*	
		For >100 To 250, Deduct	*-33.66*	
		For >250 To 500, Deduct	*-61.79*	
		For >500, Deduct	*-89.93*	
26 51 19 00-0664		Pendant Mount, LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0665		Pendant Mount, Circular Architectural LED Fixtures (Delray Lighting) *(26 51 19 00-0664)*		
26 51 19 00-0666	EA	2,166 Lumens, 2' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 W W35 S)	2,491.35	112.72
		For >50 To 100, Deduct	*-66.98*	
		For >100 To 250, Deduct	*-129.26*	
		For >250 To 500, Deduct	*-249.14*	
		For >500, Deduct	*-369.01*	
26 51 19 00-0667	EA	3,250 Lumens, 3' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 W W35 S)	3,761.77	119.34
		For >50 To 100, Deduct	*-99.02*	
		For >100 To 250, Deduct	*-193.06*	
		For >250 To 500, Deduct	*-376.18*	
		For >500, Deduct	*-559.29*	
26 51 19 00-0668	EA	4,333 Lumens, 4' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 W W35 S)	4,803.72	125.97
		For >50 To 100, Deduct	*-125.34*	
		For >100 To 250, Deduct	*-245.43*	
		For >250 To 500, Deduct	*-480.37*	
		For >500, Deduct	*-715.31*	
26 51 19 00-0669	EA	5,416 Lumens, 5' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 W W35 S)	6,074.15	132.61
		For >50 To 100, Deduct	*-157.38*	
		For >100 To 250, Deduct	*-309.23*	
		For >250 To 500, Deduct	*-607.42*	
		For >500, Deduct	*-905.60*	
26 51 19 00-0670	EA	2,166 Lumens, 2' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 S W35 S)	2,642.40	112.72
		For >50 To 100, Deduct	*-70.76*	
		For >100 To 250, Deduct	*-136.82*	
		For >250 To 500, Deduct	*-264.24*	
		For >500, Deduct	*-391.66*	
26 51 19 00-0671	EA	3,250 Lumens, 3' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 S W35 S)	3,961.91	119.34
		For >50 To 100, Deduct	*-104.02*	
		For >100 To 250, Deduct	*-203.07*	
		For >250 To 500, Deduct	*-396.19*	
		For >500, Deduct	*-589.31*	
26 51 19 00-0672	EA	4,333 Lumens, 4' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 S W35 S)	5,005.75	125.97
		For >50 To 100, Deduct	*-130.39*	
		For >100 To 250, Deduct	*-255.54*	
		For >250 To 500, Deduct	*-500.58*	
		For >500, Deduct	*-745.61*	
26 51 19 00-0673	EA	5,416 Lumens, 5' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 S W35 S)	6,300.72	132.61
		For >50 To 100, Deduct	*-163.04*	
		For >100 To 250, Deduct	*-320.56*	
		For >250 To 500, Deduct	*-630.07*	
		For >500, Deduct	*-939.58*	
26 51 19 00-0674		Pendant Mount, LED Commercial Fixtures (DMF) *(26 51 19 00-0664)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0675	EA	3,000 Lumens, 18-1/4" Diameter, Pendant Mount, LED Commercial Fixture (DMF DP610LED)	965.81	66.30
		For >50 To 100, Deduct	*-26.91*	
		For >100 To 250, Deduct	*-51.05*	
		For >250 To 500, Deduct	*-96.58*	
		For >500, Deduct	*-142.11*	
26 51 19 00-0676		LED Track Lighting Fixtures *(26 51 19)*		
26 51 19 00-0677	EA	19 Watt, Dimmable, LED Track Lighting Fixture (Juno® TRAC-MASTER® Cylindra™)	196.51	20.19
		For >50 To 100, Deduct	*-5.67*	
		For >100 To 250, Deduct	*-10.58*	
		For >250 To 500, Deduct	*-19.65*	
		For >500, Deduct	*-28.72*	
26 51 19 00-0678	EA	18 Watt, Dimmable, LED Track Lighting Fixture (HALO® Stasis L805MED)	341.31	20.19
		For >50 To 100, Deduct	*-9.29*	
		For >100 To 250, Deduct	*-17.82*	
		For >250 To 500, Deduct	*-34.13*	
		For >500, Deduct	*-50.44*	
26 51 19 00-0679	EA	24 Watt, Dimmable, LED Track Lighting Fixture (Amerlux CNTRV33)	202.01	20.19
		For >50 To 100, Deduct	*-5.81*	
		For >100 To 250, Deduct	*-10.86*	
		For >250 To 500, Deduct	*-20.20*	
		For >500, Deduct	*-29.55*	
26 51 23		**HID Interior Lighting** *(26 51)*		
26 51 23 00-0001		Large Interior Area Fixtures *(26 51 23)*		
26 51 23 00-0002		Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0001)*		
		Note: Cast aluminum socket housing, anodized aluminum reflector, tempered glass or acrylic lens, plaster mounting frames and brackets.		
26 51 23 00-0003		High Pressure Sodium, Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0002)*		
26 51 23 00-0004	EA	150 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	445.36	128.94
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0005	EA	250 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	464.17	136.92
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0006	EA	400 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	487.59	156.28
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0007		Metal Halide, Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0002)*		
26 51 23 00-0008	EA	150 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	453.85	128.94
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0009	EA	250 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	467.70	136.92
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0010	EA	400 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	499.82	156.28
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0011		Low Bay Fixtures, Large Interior Area Fixtures *(26 51 23 00-0001)*		
		Note: Heavy duty steel housing, aluminum reflector, tempered glass or acrylic lens. Low bay fixtures are for mounting below 20-25 feet.		
26 51 23 00-0012		High Pressure Sodium, Low Bay Fixtures *(26 51 23 00-0011)*		
26 51 23 00-0013	EA	150 Watt High Pressure Sodium, Low Bay Fixture	441.03	117.80
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
26 51 23 00-0014	EA	250 Watt High Pressure Sodium, Low Bay Fixture	453.66	125.09
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
26 51 23 00-0015	EA	400 Watt High Pressure Sodium, Low Bay Fixture	481.76	142.77
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
26 51 23 00-0016		Metal Halide, Low Bay Fixtures *(26 51 23 00-0011)*		
26 51 23 00-0017	EA	175 Watt Metal Halide, Low Bay Fixture	436.03	117.80
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0018	EA	250 Watt Metal Halide, Low Bay Fixture	447.90	125.09
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
26 51 23 00-0019	EA	400 Watt Metal Halide, Low Bay Fixture	486.33	142.77
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	

26 51 23 00-0020 High Bay Fixtures, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: High bay fixtures are for mounting above 20-25 feet. See CSI section 01 22 23 00-0001 for lifts.

26 51 23 00-0021 High Pressure Sodium, High Bay Fixtures *(26 51 23 00-0020)*

Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.

26 51 23 00-0022	EA	250 Watt High Pressure Sodium, High Bay Fixture	407.84	125.09
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0023	EA	400 Watt High Pressure Sodium, High Bay Fixture	440.77	142.77
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0024	EA	1,000 Watt High Pressure Sodium, High Bay Fixture	640.61	150.17
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	

26 51 23 00-0025 Metal Halide, High Bay Fixtures *(26 51 23 00-0020)*

Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.

26 51 23 00-0026	EA	250 Watt Metal Halide, High Bay Fixture	380.55	125.09
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0027	EA	400 Watt Metal Halide, High Bay Fixture	418.80	142.77
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0028	EA	1,000 Watt Metal Halide, High Bay Fixture	543.31	150.17
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	

26 51 23 00-0029 Induction, High Bay Fixtures *(26 51 23 00-0020)*

26 51 23 00-0030 Induction, High Bay Fixtures (Everlast®) *(26 51 23 00-0029)*

Note: Includes die cast aluminum ballast casing and acrylic lens.

26 51 23 00-0031	EA	100 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	476.70	109.40
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0032	EA	120 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	510.86	113.05
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0033	EA	150 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	520.33	116.70
		For Impact Resistant Silicon Lens, Add	*20.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0034	EA	200 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	566.33	120.34
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0035	EA	250 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	580.74	123.99
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0036	EA	100 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	511.25	109.40
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0037	EA	120 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	545.42	113.05
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0038	EA	150 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	554.89	116.70
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0039	EA	200 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	600.88	120.34
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0040	EA	250 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	615.30	123.99
		For Impact Resistant Silicon Lens, Add	*20.00*	

26 51 23 00-0041 Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Heavy duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.

26 51 23 00-0042 High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0041)*

26 51 23 00-0043	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	343.65	83.82
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0044	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	648.29	83.82
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0045	EA	250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	744.90	83.82
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0046	EA	400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	996.19	83.82
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	

26 51 23 00-0047 Metal Halide, Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0041)*

26 51 23 00-0048	EA	100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	308.47	83.82
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0049	EA	175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	325.06	93.02
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0050	EA	250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	345.95	100.75
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0051	EA	400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	387.88	119.99
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	

26 51 23 00-0052 High Pressure Sodium, Recessed Fixture Housings *(26 51 23)*

26 51 23 00-0053	EA	4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	152.04	34.84
		For ICAT Housing, Add	*12.90*	
26 51 23 00-0054	EA	5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	158.72	34.84
		For ICAT Housing, Add	*13.77*	
26 51 23 00-0055	EA	6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	166.70	36.29
		For ICAT Housing, Add	*14.48*	
26 51 23 00-0056	EA	7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	172.76	37.85
		For ICAT Housing, Add	*14.95*	
26 51 23 00-0057	EA	8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	178.77	39.43
		For ICAT Housing, Add	*15.42*	
26 51 23 00-0058	EA	10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing	184.17	41.85
		For ICAT Housing, Add	*15.64*	

26 51 23 00-0059 Metal Halide Track Lighting Fixtures *(26 51 23)*

26 51 23 00-0060	EA	Metal Halide Track Lighting Fixture	98.71	20.19

26 51 23 00-0061 Metal Halide, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 23)*

26 51 23 00-0062	EA	75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	171.91	48.38
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0063	EA	100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	176.99	48.38
		For Wall Mounted, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0064	EA	150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	187.31	48.38
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0065	EA	175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	202.83	48.38
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0066		High Pressure Sodium, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 23)*		
26 51 23 00-0067	EA	70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	159.82	48.38
		For Wall Mounted, Add	*6.67*	
26 51 23 00-0068	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	166.13	48.38
		For Wall Mounted, Add	*6.67*	
26 51 23 00-0069	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	190.53	48.38
		For Wall Mounted, Add	*6.67*	
26 51 33		**Interior Lighting Accessories** *(26 51)*		
26 51 33 00-0001		Accessories And Modifiers For Fixtures *(26 51 33)*		
26 51 33 00-0002		Lens Modifications *(26 51 33 00-0001)*		
26 51 33 00-0003	EA	For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	36.04	
26 51 33 00-0004	EA	For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	44.52	
26 51 33 00-0005	EA	For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	46.64	
26 51 33 00-0006	EA	For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	50.88	
26 51 33 00-0007	EA	For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	61.48	
26 51 33 00-0008	EA	For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	14.84	
26 51 33 00-0009	EA	For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	21.20	
26 51 33 00-0010	EA	For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	23.32	
26 51 33 00-0011	EA	For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	27.56	
26 51 33 00-0012		Pendant Mounting Modifications *(26 51 33 00-0001)*		
		Note: Per pendant. Use demolition cost for associated light fixture for demolition of pendant mounted light fixture assembly.		
26 51 33 00-0013	EA	For Pendant Mounting Up to 1'-6" Long Section	16.11	
		Note: Per pendant.		
26 51 33 00-0014	EA	For Pendant Mounting 2' Long Section	18.66	
		Note: Per pendant.		
26 51 33 00-0015	EA	For Pendant Mounting 3' Long Section	23.87	
		Note: Per pendant.		
26 51 33 00-0016	EA	For Pendant Mounting 4' Long Section	28.19	
		Note: Per pendant.		
26 51 33 00-0017	EA	For Pendant Mounting 6' Long Section	35.61	
		Note: Per pendant.		
26 51 33 00-0018	EA	For Pendant Mounting 8' Long Section	48.33	
		Note: Per pendant.		
26 51 33 00-0019		Fluorescent Light Accessories *(26 51 33 00-0001)*		
26 51 33 00-0020	EA	Blank Metal Light Box Plate	27.45	
26 51 33 00-0021	EA	Factory Installed Fixture Mounted Occupancy Sensor	163.22	
26 51 33 00-0022		Wire Guards *(26 51 33 00-0001)*		
26 51 33 00-0023	EA	Wire Guard for 6" x 2' Fixture	68.79	6.05
26 51 33 00-0024	EA	Wire Guard for 6" x 4' Fixture	96.45	9.69
26 51 33 00-0025	EA	Wire Guard for 1" x 2' Fixture	76.80	6.67
26 51 33 00-0026	EA	Wire Guard for 1" x 4' Fixture	109.01	10.30
26 51 33 00-0027	EA	Wire Guard for 2" x 2' Fixture	93.88	7.27
26 51 33 00-0028	EA	Wire Guard for 2" x 4' Fixture	128.34	10.90
26 51 33 00-0029		Lighting Accessories *(26 51 33)*		
26 51 33 00-0030		Modular Flexible Wiring Systems *(26 51 33 00-0029)*		
26 51 33 00-0031	EA	10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10)	99.23	6.53
26 51 33 00-0032	EA	15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15)	117.44	6.53
26 51 33 00-0033	EA	20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20)	142.09	6.53
26 51 33 00-0034	EA	15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15)	117.44	6.53
26 51 33 00-0035	EA	3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E)	97.70	6.53
26 51 33 00-0036	EA	13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13)	147.35	6.53
26 51 33 00-0037	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M)	79.89	6.53
26 51 33 00-0038	EA	3" Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E)	90.87	6.53
26 51 33 00-0039	EA	7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07)	118.64	6.53
26 51 33 00-0040	EA	7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07)	118.64	6.53
26 51 33 00-0041	EA	7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07)	120.70	6.53
26 51 33 00-0042	EA	7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07)	119.94	6.53
26 51 33 00-0043	EA	7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07)	119.94	6.53
26 51 33 00-0044	EA	15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15)	138.42	6.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 33 00-0045	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D)	61.53	6.53
26 51 33 00-0046	EA	3" Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E)	57.22	6.53
26 51 33 00-0047	EA	3" Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E)	58.73	6.53
26 51 33 00-0048	EA	3" Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E)	74.71	6.53
26 51 33 00-0049	EA	15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15)	99.23	6.53
26 51 33 00-0050	EA	15' Length, 1-Circuit, Modular Lighting Cable (Day-Brite LC-27-1E-15)	101.84	6.53
26 51 33 00-0051	EA	Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E)	78.69	6.53
26 51 33 00-0052	EA	3" Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E)	57.22	6.53
26 51 33 00-0053	EA	Removal And Reinstallation Of Modular Wiring Complete Including Storage And Cleaning	54.42	

26 51 33 00-0054 Additional Lighting Wire Whips *(26 51 33)*

26 51 33 00-0055	LF	For Each Additional LF Of Interior Lighting Wire Whip, Add Note: Wire whips are included with interior lighting fixtures, where necessary, up to six feet in length. Use this task for additional required whip length. For example, if the fixture requires a 15' wire whip then use 9 LF of this task to reach required length.	1.77	

26 51 33 00-0056 Removal And Reinstallation Of Light Fixtures *(26 51 33)*

Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.

26 51 33 00-0057	EA	Removal And Reinstallation Of Lay-In Fluorescent Light Fixture	128.74	
26 51 33 00-0058	EA	Removal And Reinstallation Of Surface Mounted Or Pendant Light Fixture	147.12	

26 52 Safety Lighting *(26 50)*

26 52 13 Emergency and Exit Lighting *(26 52)*

26 52 13 13 Emergency Lighting *(26 52 13)*

26 52 13 13-0001 Commercial Emergency Lights *(26 52 13 13)*

26 52 13 13-0002 Polycarbonate Housing, Commercial Emergency Lights *(26 52 13 13-0001)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 13 13-0003	EA	3 Max Wattage At 90 Minutes, 3.6 Volt, Polycarbonate Housing, LED Lamps, Commercial Emergency Light (Lithonia ELM2 LED)	238.31	30.24
26 52 13 13-0004	EA	10.8 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM2)	163.57	30.24
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0005	EA	18 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM618)	261.38	30.24
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0006	EA	27 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM627)	305.67	30.24
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0007	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM654)	457.85	30.24
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0008	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1254)	519.63	30.24
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0009	EA	72 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1272)	760.31	30.24
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	

26 52 13 13-0010 Remote Heads For Commercial Emergency Lights *(26 52 13 13-0001)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0011	EA	6 Watt, 6 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H0606)	161.59	18.14
26 52 13 13-0012	EA	6 Watt, 6 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0606)	162.70	18.14
26 52 13 13-0013	EA	8 Watt, 8 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0806)	166.44	18.14
26 52 13 13-0014	EA	12 Watt, 12 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H1212)	165.83	18.14
26 52 13 13-0015	EA	12 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H1212)	142.90	18.14
26 52 13 13-0016	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	97.34	18.14

26 52 13 13-0017 Industrial Emergency Lights *(26 52 13 13)*

26 52 13 13-0018 Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0017)*

26 52 13 13-0019 Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0018)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 13 13-0020	EA	16 Max Wattage At 90 Minutes, 6 Volt, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT16)	424.24	30.24
		For Wireguard, Add	*218.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0021	EA	24 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT24)	355.12	30.24
		For Wireguard, Add	*218.87*	
26 52 13 13-0022	EA	36 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT36)	557.12	30.24
		For Wireguard, Add	*218.87*	
26 52 13 13-0023	EA	50 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT50)	591.98	30.24
		For Wireguard, Add	*218.87*	
26 52 13 13-0024	EA	125 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT125)	847.63	30.24
		For Wireguard, Add	*233.12*	
26 52 13 13-0025	EA	275 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT275)	1,336.70	30.24
		For Wireguard, Add	*233.12*	

26 52 13 13-0026 Remote Heads For Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0018)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0027	EA	8 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N0806)	123.59	18.14
		For Wireguard, Add	*176.63*	
26 52 13 13-0028	EA	12 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	127.94	18.14
		For Wireguard, Add	*176.63*	
26 52 13 13-0029	EA	8 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H0812)	124.20	18.14
		For Wireguard, Add	*176.63*	
26 52 13 13-0030	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1212)	124.91	18.14
		For Wireguard, Add	*176.63*	
26 52 13 13-0031	EA	12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512)	127.94	18.14
		For Wireguard, Add	*176.63*	
26 52 13 13-0032	EA	12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA MT N2512)	149.97	18.14
		For Wireguard, Add	*176.63*	

26 52 13 13-0033 Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0017)*

26 52 13 13-0034 Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0033)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 13 13-0035	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618)	418.68	30.24
		For Wireguard, Add	*212.81*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0036	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236)	455.57	30.24
		For Wireguard, Add	*212.81*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0037	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654)	445.46	30.24
		For Wireguard, Add	*212.81*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0038	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254)	471.23	30.24
		For Wireguard, Add	*212.81*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0039	EA	100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100)	797.61	30.24
		For Wireguard, Add	*212.81*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0040	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618)	625.33	30.24
		For Wireguard, Add	*212.81*	
		For Self-Diagnostics, Add	*61.50*	
26 52 13 13-0041	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236)	701.11	30.24
		For Wireguard, Add	*212.81*	
		For Self-Diagnostics, Add	*61.50*	
26 52 13 13-0042	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254)	739.51	30.24
		For Wireguard, Add	*212.81*	
		For Self-Diagnostics, Add	*61.50*	

26 52 13 13-0043 Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0033)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0044	EA	9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906)	106.92	18.14

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0045	EA	12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206)	115.71	18.14
26 52 13 13-0046	EA	9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912)	107.02	18.14
26 52 13 13-0047	EA	12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212)	113.49	18.14
26 52 13 13-0048	EA	12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012)	96.88	18.14
26 52 13 13-0049		Outdoor Emergency Lights *(26 52 13 13)*		
26 52 13 13-0050		Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights *(26 52 13 13-0049)*		
		Note: Includes nickel-cadmium batteries.		
26 52 13 13-0051	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series)	662.21	30.24
26 52 13 13-0052	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series)	791.04	30.24
26 52 13 13-0053		Recessed Emergency Lights *(26 52 13 13)*		
26 52 13 13-0054	EA	10 Watt At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG)	722.19	30.24
		For Wire Guard, Add	*60.00*	
26 52 13 13-0055	EA	16 Max Wattage At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2)	565.79	60.47
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		For Wireguard, Add	*233.12*	
26 52 13 13-0056	EA	50 Max Wattage At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4)	815.49	60.47
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		For Wireguard, Add	*233.12*	
26 52 13 13-0057		Square Wraparound Emergency Lights *(26 52 13 13)*		
26 52 13 13-0058	EA	10 Max Wattage At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ)	328.36	30.24
26 52 13 16		**Exit Signs** *(26 52 13)*		
		Note: Excludes pendants.		
26 52 13 16-0001		LED Exit Signs *(26 52 13 16)*		
		Note: Includes red LED lamps.		
26 52 13 16-0002	EA	Single Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6)	190.60	44.21
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-6.98*	
		For >100 To 250, Deduct	*-11.74*	
		For >250 To 500, Deduct	*-19.06*	
		For >500, Deduct	*-26.38*	
26 52 13 16-0003	EA	Double Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6)	190.60	44.21
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-6.98*	
		For >100 To 250, Deduct	*-11.74*	
		For >250 To 500, Deduct	*-19.06*	
		For >500, Deduct	*-26.38*	
26 52 13 16-0004	EA	Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM-S-W-3-R-120/277-EL-N-M6)	267.04	44.21
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-8.89*	
		For >100 To 250, Deduct	*-15.56*	
		For >250 To 500, Deduct	*-26.70*	
		For >500, Deduct	*-37.85*	
26 52 13 16-0005	EA	Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN)	267.04	44.21
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-8.89*	
		For >100 To 250, Deduct	*-15.56*	
		For >250 To 500, Deduct	*-26.70*	
		For >500, Deduct	*-37.85*	
26 52 13 16-0006	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-1-R)	294.35	44.21
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-9.57*	
		For >100 To 250, Deduct	*-16.93*	
		For >250 To 500, Deduct	*-29.44*	
		For >500, Deduct	*-41.94*	
26 52 13 16-0007	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-2-R)	334.20	44.21
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-10.57*	
		For >100 To 250, Deduct	*-18.92*	
		For >250 To 500, Deduct	*-33.42*	
		For >500, Deduct	*-47.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0008	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-1-R-EL-N)	277.70	44.21
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-9.15*	
		For >100 To 250, Deduct	*-16.10*	
		For >250 To 500, Deduct	*-27.77*	
		For >500, Deduct	*-39.44*	
26 52 13 16-0009	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-2-R-EL-N)	306.62	44.21
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-9.88*	
		For >100 To 250, Deduct	*-17.54*	
		For >250 To 500, Deduct	*-30.66*	
		For >500, Deduct	*-43.78*	
26 52 13 16-0010	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-S-W-3-R-M4) Note: Includes two circular side mounted krypton emergency lights.	353.33	44.21
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-11.86*	
		For >100 To 250, Deduct	*-20.69*	
		For >250 To 500, Deduct	*-35.33*	
		For >500, Deduct	*-49.98*	
26 52 13 16-0011	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-LED-R-M6) Note: Includes two circular side mounted LED emergency lights.	308.15	44.21
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-10.73*	
		For >100 To 250, Deduct	*-18.43*	
		For >250 To 500, Deduct	*-30.82*	
		For >500, Deduct	*-43.20*	
26 52 13 16-0012	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM-PH) Note: Includes two rectangular front mounted high intensity tungsten emergency lights.	443.56	44.21
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-14.11*	
		For >100 To 250, Deduct	*-25.20*	
		For >250 To 500, Deduct	*-44.36*	
		For >500, Deduct	*-63.51*	
26 52 13 16-0013	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM) Note: Includes two circular side mounted PAR 36 emergency lights.	464.55	44.21
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-14.64*	
		For >100 To 250, Deduct	*-26.25*	
		For >250 To 500, Deduct	*-46.46*	
		For >500, Deduct	*-66.66*	
26 52 13 16-0014	EA	Single Or Double Face, Polycarbonate Housing, LED Emergency Exit Sign (Eaton Lighting APX6R)	126.26	44.21
		For >50 To 100, Deduct	*-5.37*	
		For >100 To 250, Deduct	*-8.52*	
		For >250 To 500, Deduct	*-12.63*	
		For >500, Deduct	*-16.73*	
26 52 13 16-0015	EA	120-277 Volt, LED Emergency Exit Sign With Nickel Cadmium Battery, Red (Cooper Industries APX7R)	126.75	44.21
		For >50 To 100, Deduct	*-5.38*	
		For >100 To 250, Deduct	*-8.55*	
		For >250 To 500, Deduct	*-12.68*	
		For >500, Deduct	*-16.80*	

26 52 13 16-0016 Edge-Lit LED Exit Signs *(26 52 13 16)*

Note: Includes red LED lamps.

26 52 13 16-0017	EA	Single Face, Edge-Lit LED Exit Sign (Lithonia EDG-1- R-M6)	262.18	44.21
		For Green LED Lamps, Add	*40.00*	
		For >50 To 100, Deduct	*-8.77*	
		For >100 To 250, Deduct	*-15.32*	
		For >250 To 500, Deduct	*-26.22*	
		For >500, Deduct	*-37.12*	
26 52 13 16-0018	EA	Double Face, Edge-Lit LED Exit Sign (Lithonia EDG-2-R-M6)	264.94	44.21
		For Green LED Lamps, Add	*40.00*	
		For >50 To 100, Deduct	*-8.83*	
		For >100 To 250, Deduct	*-15.46*	
		For >250 To 500, Deduct	*-26.49*	
		For >500, Deduct	*-37.53*	
26 52 13 16-0019	EA	Single Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-1-R-EL-M6)	283.60	44.21
		For Green LED Lamps, Add	*40.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-9.30*	
		For >100 To 250, Deduct	*-16.39*	
		For >250 To 500, Deduct	*-28.36*	
		For >500, Deduct	*-40.33*	
26 52 13 16-0020	EA	Double Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-2-R-EL-M6)	339.39	44.21
		For Green LED Lamps, Add	*40.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-10.70*	
		For >100 To 250, Deduct	*-19.18*	
		For >250 To 500, Deduct	*-33.94*	
		For >500, Deduct	*-48.70*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0021		**Self-Luminous Tritium Exit Signs** *(26 52 13 16)* Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.		
26 52 13 16-0022	EA	10 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-10-R)	561.32	44.21
		For >50 To 100, Deduct	*-16.24*	
		For >100 To 250, Deduct	*-30.28*	
		For >250 To 500, Deduct	*-56.13*	
		For >500, Deduct	*-81.99*	
26 52 13 16-0023	EA	10 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-10-R)	1,033.72	44.21
		For >50 To 100, Deduct	*-28.05*	
		For >100 To 250, Deduct	*-53.90*	
		For >250 To 500, Deduct	*-103.37*	
		For >500, Deduct	*-152.85*	
26 52 13 16-0024	EA	20 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-20-R)	668.94	44.21
		For >50 To 100, Deduct	*-18.93*	
		For >100 To 250, Deduct	*-35.66*	
		For >250 To 500, Deduct	*-66.89*	
		For >500, Deduct	*-98.13*	
26 52 13 16-0025	EA	20 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-20-R)	1,120.12	44.21
		For >50 To 100, Deduct	*-30.21*	
		For >100 To 250, Deduct	*-58.22*	
		For >250 To 500, Deduct	*-112.01*	
		For >500, Deduct	*-165.81*	
26 52 13 16-0026	EA	10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-10-R)	614.88	44.21
		For >50 To 100, Deduct	*-17.58*	
		For >100 To 250, Deduct	*-32.95*	
		For >250 To 500, Deduct	*-61.49*	
		For >500, Deduct	*-90.02*	
26 52 13 16-0027	EA	10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-10-R)	1,120.12	44.21
		For >50 To 100, Deduct	*-30.21*	
		For >100 To 250, Deduct	*-58.22*	
		For >250 To 500, Deduct	*-112.01*	
		For >500, Deduct	*-165.81*	
26 52 13 16-0028	EA	20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-20-R)	754.83	44.21
		For >50 To 100, Deduct	*-21.08*	
		For >100 To 250, Deduct	*-39.95*	
		For >250 To 500, Deduct	*-75.48*	
		For >500, Deduct	*-111.01*	
26 52 13 16-0029	EA	20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-20-R)	1,390.92	44.21
		For >50 To 100, Deduct	*-36.98*	
		For >100 To 250, Deduct	*-71.76*	
		For >250 To 500, Deduct	*-139.09*	
		For >500, Deduct	*-206.43*	
26 52 13 16-0030		**Vandal-Resistant LED Exit Signs** *(26 52 13 16)* Note: Includes red LED lamps.		
26 52 13 16-0031	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign (Lithonia LV-S-W-1-R-120/277)	529.49	44.21
		For >50 To 100, Deduct	*-15.45*	
		For >100 To 250, Deduct	*-28.69*	
		For >250 To 500, Deduct	*-52.95*	
		For >500, Deduct	*-77.21*	
26 52 13 16-0032	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-W-1-R-120/277-EL-N)	822.02	44.21
		For >50 To 100, Deduct	*-22.76*	
		For >100 To 250, Deduct	*-43.31*	
		For >250 To 500, Deduct	*-82.20*	
		For >500, Deduct	*-121.09*	
26 52 13 16-0033	EA	Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-1-R-120/277-EL-N-UM-4X)	1,001.38	44.21
		For >50 To 100, Deduct	*-27.25*	
		For >100 To 250, Deduct	*-52.28*	
		For >250 To 500, Deduct	*-100.14*	
		For >500, Deduct	*-148.00*	
26 52 13 16-0034		**Removal And Reinstallation Of Exit Light Fixture** *(26 52 13 16)*		
26 52 13 16-0035	EA	Removal And Reinstall Of Exit Light Fixtures Note: Includes storage and cleaning.	90.71	
		For >50 To 100, Deduct	*-4.54*	
		For >100 To 250, Deduct	*-6.80*	
		For >250 To 500, Deduct	*-9.07*	
		For >500, Deduct	*-11.34*	
26 52 13 16-0036		**Exit Sign Accessories** *(26 52 13 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0037	EA	Polycarbonate Vandal Shield For Exit Signs (Radiant-Lite BG-1)	125.25	12.12
		For >50 To 100, Deduct	*-3.74*	
		For >100 To 250, Deduct	*-6.87*	
		For >250 To 500, Deduct	*-12.53*	
		For >500, Deduct	*-18.18*	
26 52 13 16-0038	EA	Wire Guard For Exit Signs Or Emergency Lights (Best Lighting Products WG-1)	72.97	12.12
		For >50 To 100, Deduct	*-2.43*	
		For >100 To 250, Deduct	*-4.25*	
		For >250 To 500, Deduct	*-7.30*	
		For >500, Deduct	*-10.34*	
26 52 13 16-0039	EA	Wire Guard For Combination Exit Sign And Emergency Light (Best Lighting Products WG-3)	116.85	9.69
		For >50 To 100, Deduct	*-3.41*	
		For >100 To 250, Deduct	*-6.33*	
		For >250 To 500, Deduct	*-11.69*	
		For >500, Deduct	*-17.04*	
26 52 13 16-0040	EA	Removal And Replacement Of Battery For Exit Signs Note: Battery: nickel cadmium, 1.2 volt, 1 Ah battery capacity	125.16	
		For >50 To 100, Deduct	*-3.89*	
		For >100 To 250, Deduct	*-7.02*	
		For >250 To 500, Deduct	*-12.52*	
		For >500, Deduct	*-18.02*	

26 54 Classified Location Lighting *(26 50)*

26 54 19 LED Classified Location Lighting *(26 54)*

26 54 19 00-0001 Class I Division 2, Hazardous Location, LED Fixtures *(26 54 19)*

26 54 19 00-0002 Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0003	EA	5,183 Lumens, 45 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV5L)	2,470.22	99.45
		For Bolt-On Visor, Add	*94.27*	
		For Bolt-On Wire Guard, Add	*193.89*	
		For 480 Volt, Add	*166.01*	
		For Warm White Color Rendering, Add	*70.48*	
		For >50 To 100, Deduct	*-65.90*	
		For >100 To 250, Deduct	*-127.65*	
		For >250 To 500, Deduct	*-247.02*	
		For >500, Deduct	*-366.39*	
26 54 19 00-0004	EA	7,095 Lumens, 62 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV7L)	3,024.29	106.08
		For Bolt-On Visor, Add	*94.27*	
		For Bolt-On Wire Guard, Add	*193.89*	
		For 480 Volt, Add	*166.01*	
		For Warm White Color Rendering, Add	*70.48*	
		For >50 To 100, Deduct	*-80.03*	
		For >100 To 250, Deduct	*-155.63*	
		For >250 To 500, Deduct	*-302.43*	
		For >500, Deduct	*-449.22*	
26 54 19 00-0005	EA	9,132 Lumens, 79 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV9L)	3,415.49	112.72
		For Bolt-On Visor, Add	*94.27*	
		For Bolt-On Wire Guard, Add	*193.89*	
		For 480 Volt, Add	*166.01*	
		For Warm White Color Rendering, Add	*70.48*	
		For >50 To 100, Deduct	*-90.08*	
		For >100 To 250, Deduct	*-175.47*	
		For >250 To 500, Deduct	*-341.55*	
		For >500, Deduct	*-507.63*	
26 54 19 00-0006	EA	11,107 Lumens, 99 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV11L)	3,817.53	119.34
		For Bolt-On Visor, Add	*94.27*	
		For Bolt-On Wire Guard, Add	*193.89*	
		For 480 Volt, Add	*166.01*	
		For Warm White Color Rendering, Add	*70.48*	
		For >50 To 100, Deduct	*-100.41*	
		For >100 To 250, Deduct	*-195.85*	
		For >250 To 500, Deduct	*-381.75*	
		For >500, Deduct	*-567.66*	

26 54 19 00-0007 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0008		EA	1,600 Lumens, 25 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC)	1,462.79	92.83
			For 12/24 Volt DC Driver, Add	*26.79*	
			For Frosted Lens, Add	*54.75*	
			For Warm White Color Temperature LEDs, Add	*70.48*	
			For 55 Degree Ambient Suitability (AC Only) Option, Add	*36.48*	
			For Stanchion Mount, Add	*225.86*	
			For Ceiling Mount, Add	*90.57*	
			For Wall Mount, Add	*132.21*	
			For Teflon Coated Lens, Add	*116.21*	
			For Wall Mount With Junction Box, Add	*193.04*	
			For >50 To 100, Deduct	*-40.44*	
			For >100 To 250, Deduct	*-77.01*	
			For >250 To 500, Deduct	*-146.28*	
			For >500, Deduct	*-215.55*	
26 54 19 00-0009			Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV) *(26 54 19 00-0001)*		
			Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0010		EA	3,240 Lumens, 47 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV3L)	2,321.69	92.83
			For Ceiling Mount, Add	*17.33*	
			For Quick Clip Mounting Option, Add	*25.46*	
			For Frosted Lens, Add	*54.75*	
			For Warm White Color Rendering, Add	*70.48*	
			For Polycarbonate Lens, Add	*101.48*	
			For 480 Volt, Add	*166.01*	
			For >50 To 100, Deduct	*-61.91*	
			For >100 To 250, Deduct	*-119.95*	
			For >250 To 500, Deduct	*-232.17*	
			For >500, Deduct	*-344.39*	
26 54 19 00-0011		EA	3,778 Lumens, 63 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV5L)	2,571.28	99.45
			For Ceiling Mount, Add	*17.33*	
			For Quick Clip Mounting Option, Add	*25.46*	
			For Frosted Lens, Add	*54.75*	
			For Warm White Color Rendering, Add	*70.48*	
			For Polycarbonate Lens, Add	*101.48*	
			For 480 Volt, Add	*166.01*	
			For >50 To 100, Deduct	*-68.43*	
			For >100 To 250, Deduct	*-132.71*	
			For >250 To 500, Deduct	*-257.13*	
			For >500, Deduct	*-381.55*	
26 54 19 00-0012		EA	6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV7L)	2,880.74	106.08
			For Ceiling Mount, Add	*17.33*	
			For Quick Clip Mounting Option, Add	*25.46*	
			For Frosted Lens, Add	*54.75*	
			For Warm White Color Rendering, Add	*70.48*	
			For Polycarbonate Lens, Add	*101.48*	
			For 480 Volt, Add	*166.01*	
			For >50 To 100, Deduct	*-76.44*	
			For >100 To 250, Deduct	*-148.46*	
			For >250 To 500, Deduct	*-288.07*	
			For >500, Deduct	*-427.69*	
26 54 19 00-0013		EA	6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV9L)	3,751.62	112.72
			For Ceiling Mount, Add	*17.33*	
			For Quick Clip Mounting Option, Add	*25.46*	
			For Frosted Lens, Add	*54.75*	
			For Warm White Color Rendering, Add	*70.48*	
			For Polycarbonate Lens, Add	*101.48*	
			For 480 Volt, Add	*166.01*	
			For >50 To 100, Deduct	*-98.49*	
			For >100 To 250, Deduct	*-192.28*	
			For >250 To 500, Deduct	*-375.16*	
			For >500, Deduct	*-558.05*	
26 54 19 00-0014		EA	9,720 Lumens, 137 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV11L)	4,303.70	119.34
			For Ceiling Mount, Add	*17.33*	
			For Quick Clip Mounting Option, Add	*25.46*	
			For Frosted Lens, Add	*54.75*	
			For Warm White Color Rendering, Add	*70.48*	
			For Polycarbonate Lens, Add	*101.48*	
			For 480 Volt, Add	*166.01*	
			For >50 To 100, Deduct	*-112.57*	
			For >100 To 250, Deduct	*-220.16*	
			For >250 To 500, Deduct	*-430.37*	
			For >500, Deduct	*-640.58*	
26 54 19 00-0015			Class I Division 1, Explosion Proof, LED Fixtures *(26 54 19)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0016		Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL) *(26 54 19 00-0015)* Note: Includes 5,600K CRI LED arrays, shatter resistant and explosion proof glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0017	EA	5,625 Lumens, 80 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL5L)	3,811.45	99.45
		For Wall Mount, Deduct	*-14.56*	
		For Warm Color Temperature LEDs, Add	*78.41*	
		For Stainless Steel Guard, Add	*140.74*	
		For Ceiling Mount, Add	*169.78*	
		For Stanchion Mount, Add	*197.60*	
		For Yoke Mount, Add	*494.00*	
		For >50 To 100, Deduct	*-99.43*	
		For >100 To 250, Deduct	*-194.72*	
		For >250 To 500, Deduct	*-381.15*	
		For >500, Deduct	*-567.57*	
26 54 19 00-0018	EA	6,750 Lumens, 100 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL7L)	4,634.13	106.08
		For Wall Mount, Deduct	*-14.56*	
		For Warm Color Temperature LEDs, Add	*78.41*	
		For Stainless Steel Guard, Add	*140.74*	
		For Ceiling Mount, Add	*169.78*	
		For Stanchion Mount, Add	*197.60*	
		For Yoke Mount, Add	*494.00*	
		For >50 To 100, Deduct	*-120.27*	
		For >100 To 250, Deduct	*-236.13*	
		For >250 To 500, Deduct	*-463.41*	
		For >500, Deduct	*-690.70*	
26 54 19 00-0019	EA	9,000 Lumens, 130 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL9L)	5,383.13	112.72
		For Wall Mount, Deduct	*-14.56*	
		For Warm Color Temperature LEDs, Add	*78.41*	
		For Stainless Steel Guard, Add	*140.74*	
		For Ceiling Mount, Add	*169.78*	
		For Stanchion Mount, Add	*197.60*	
		For Yoke Mount, Add	*494.00*	
		For >50 To 100, Deduct	*-139.27*	
		For >100 To 250, Deduct	*-273.85*	
		For >250 To 500, Deduct	*-538.31*	
		For >500, Deduct	*-802.77*	
26 54 19 00-0020	EA	10,500 Lumens, 151 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL11L)	6,145.88	119.34
		For Wall Mount, Deduct	*-14.56*	
		For Warm Color Temperature LEDs, Add	*78.41*	
		For Stainless Steel Guard, Add	*140.74*	
		For Ceiling Mount, Add	*169.78*	
		For Stanchion Mount, Add	*197.60*	
		For Yoke Mount, Add	*494.00*	
		For >50 To 100, Deduct	*-158.62*	
		For >100 To 250, Deduct	*-312.27*	
		For >250 To 500, Deduct	*-614.59*	
		For >500, Deduct	*-916.91*	
26 54 19 00-0021	EA	13,500 Lumens, 175 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL13L)	7,121.09	114.92
		For Wall Mount, Deduct	*-14.56*	
		For Warm Color Temperature LEDs, Add	*78.41*	
		For Stainless Steel Guard, Add	*140.74*	
		For Ceiling Mount, Add	*169.78*	
		For Stanchion Mount, Add	*197.60*	
		For Yoke Mount, Add	*494.00*	
		For >50 To 100, Deduct	*-183.28*	
		For >100 To 250, Deduct	*-361.30*	
		For >250 To 500, Deduct	*-712.11*	
		For >500, Deduct	*-1,062.91*	

26 55 Special Purpose Lighting *(26 50)*

26 55 13 Landscape Lighting *(26 55)*

26 55 13 00-0001		Bollards *(26 55 13)* Note: Excludes concrete base.		
26 55 13 00-0002		Aluminum Architectural Bollards *(26 55 13 00-0001)*		
26 55 13 00-0003		High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0004		Square, High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0003)*		
26 55 13 00-0005	EA	24" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,524.83	102.81
26 55 13 00-0006	EA	30" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,536.92	108.86
26 55 13 00-0007	EA	36" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,549.02	114.90
26 55 13 00-0008	EA	42" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,433.73	120.96
26 55 13 00-0009	EA	24" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,524.83	102.81
26 55 13 00-0010	EA	30" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,536.92	108.86
26 55 13 00-0011	EA	36" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,549.02	114.90
26 55 13 00-0012	EA	42" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,433.73	120.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0013	EA	24" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,524.83	102.81
26 55 13 00-0014	EA	30" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,536.92	108.86
26 55 13 00-0015	EA	36" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,549.02	114.90
26 55 13 00-0016	EA	42" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,433.73	120.96
26 55 13 00-0017	EA	24" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,524.83	102.81
26 55 13 00-0018	EA	30" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,536.92	108.86
26 55 13 00-0019	EA	36" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,549.02	114.90
26 55 13 00-0020	EA	42" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,433.73	120.96
26 55 13 00-0021		Round, High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0003)*		
26 55 13 00-0022	EA	24" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,466.34	102.81
26 55 13 00-0023	EA	30" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,478.43	108.86
26 55 13 00-0024	EA	36" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,490.53	114.90
26 55 13 00-0025	EA	42" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,374.70	120.96
26 55 13 00-0026	EA	24" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,466.34	102.81
26 55 13 00-0027	EA	30" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,478.43	108.86
26 55 13 00-0028	EA	36" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,490.53	114.90
26 55 13 00-0029	EA	42" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,374.70	120.96
26 55 13 00-0030	EA	24" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,466.34	102.81
26 55 13 00-0031	EA	30" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,478.43	108.86
26 55 13 00-0032	EA	36" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,490.53	114.90
26 55 13 00-0033	EA	42" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,374.70	120.96
26 55 13 00-0034	EA	24" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,466.34	102.81
26 55 13 00-0035	EA	30" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,478.43	108.86
26 55 13 00-0036	EA	36" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,490.53	114.90
26 55 13 00-0037	EA	42" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,374.70	120.96
26 55 13 00-0038		Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0039		Square, Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0038)*		
26 55 13 00-0040	EA	24" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,600.79	102.81
26 55 13 00-0041	EA	30" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,612.88	108.86
26 55 13 00-0042	EA	36" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,624.98	114.90
26 55 13 00-0043	EA	42" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,509.16	120.96
26 55 13 00-0044	EA	24" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,600.79	102.81
26 55 13 00-0045	EA	30" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,612.88	108.86
26 55 13 00-0046	EA	36" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,624.98	114.90
26 55 13 00-0047	EA	42" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,509.16	120.96
26 55 13 00-0048	EA	24" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,600.79	102.81
26 55 13 00-0049	EA	30" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,612.88	108.86
26 55 13 00-0050	EA	36" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,624.98	114.90
26 55 13 00-0051	EA	42" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,572.72	120.96
26 55 13 00-0052		Round, Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0038)*		
26 55 13 00-0053	EA	24" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,541.76	102.81
26 55 13 00-0054	EA	30" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,553.85	108.86
26 55 13 00-0055	EA	36" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,565.95	114.90
26 55 13 00-0056	EA	42" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,450.12	120.96
26 55 13 00-0057	EA	24" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,541.76	102.81
26 55 13 00-0058	EA	30" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,553.85	108.86
26 55 13 00-0059	EA	36" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,565.95	114.90
26 55 13 00-0060	EA	42" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,450.12	120.96
26 55 13 00-0061	EA	24" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,541.76	102.81
26 55 13 00-0062	EA	30" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,553.85	108.86
26 55 13 00-0063	EA	36" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,565.95	114.90
26 55 13 00-0064	EA	42" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,450.12	120.96
26 55 13 00-0065		Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0066		Square, Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0065)*		
26 55 13 00-0067	EA	24" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,518.17	102.81
26 55 13 00-0068	EA	30" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,530.26	108.86
26 55 13 00-0069	EA	36" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,542.36	114.90
26 55 13 00-0070	EA	42" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,428.27	120.96
26 55 13 00-0071	EA	24" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,518.17	102.81
26 55 13 00-0072	EA	30" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,530.26	108.86
26 55 13 00-0073	EA	36" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,542.36	114.90
26 55 13 00-0074	EA	42" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,428.27	120.96
26 55 13 00-0075	EA	24" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,518.17	102.81
26 55 13 00-0076	EA	30" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,530.26	108.86
26 55 13 00-0077	EA	36" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,542.36	114.90
26 55 13 00-0078	EA	42" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,428.27	120.96
26 55 13 00-0079		Round, Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0065)*		
26 55 13 00-0080	EA	24" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,460.43	102.81
26 55 13 00-0081	EA	30" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,472.52	108.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0082	EA	36" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,484.62	114.90
26 55 13 00-0083	EA	42" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,371.64	120.96
26 55 13 00-0084	EA	24" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,460.43	102.81
26 55 13 00-0085	EA	30" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,472.52	108.86
26 55 13 00-0086	EA	36" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,484.62	114.90
26 55 13 00-0087	EA	42" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,371.64	120.96
26 55 13 00-0088	EA	24" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,460.43	102.81
26 55 13 00-0089	EA	30" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,472.52	108.86
26 55 13 00-0090	EA	36" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,484.62	114.90
26 55 13 00-0091	EA	42" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,371.64	120.96
26 55 13 00-0092		**LED, Aluminum Architectural Bollards** *(26 55 13 00-0002)*		
26 55 13 00-0093		**Square, LED, Aluminum Architectural Bollards** *(26 55 13 00-0092)*		
26 55 13 00-0094	EA	24" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,817.99	102.81
26 55 13 00-0095	EA	30" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,830.08	108.86
26 55 13 00-0096	EA	36" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,842.18	114.90
26 55 13 00-0097	EA	42" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,729.69	120.96
26 55 13 00-0098	EA	24" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,219.98	102.81
26 55 13 00-0099	EA	30" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,232.07	108.86
26 55 13 00-0100	EA	36" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,244.17	114.90
26 55 13 00-0101	EA	42" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,129.67	120.96
26 55 13 00-0102		**Round, LED, Aluminum Architectural Bollards** *(26 55 13 00-0092)*		
26 55 13 00-0103	EA	24" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,758.03	102.81
26 55 13 00-0104	EA	30" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,770.12	108.86
26 55 13 00-0105	EA	36" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,782.22	114.90
26 55 13 00-0106	EA	42" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,667.73	120.96
26 55 13 00-0107	EA	24" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,160.01	102.81
26 55 13 00-0108	EA	30" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,172.10	108.86
26 55 13 00-0109	EA	36" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,184.20	114.90
26 55 13 00-0110	EA	42" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,070.42	120.96
26 55 13 00-0111		**Reinforced Concrete Bollards** *(26 55 13 00-0001)*		
26 55 13 00-0112	EA	48" Overall Height, 12" Diameter, LED Light, Reinforced Concrete Bollard	1,509.83	302.38
26 55 13 00-0113	EA	58" Overall Height, 18" Diameter, High Intensity Discharge (HID) Light, Reinforced Concrete Bollard	2,652.83	403.13
26 55 13 00-0114		**Low Voltage** *(26 55 13)*		
26 55 13 00-0115	EA	Low Voltage Recessed Uplight	750.12	220.14
26 55 13 00-0116	EA	Low Voltage Walkway	521.28	120.96
26 55 13 00-0117	EA	Low Voltage Malibu - 5 Light Set	526.14	161.47
26 55 13 00-0118	EA	Low Voltage Mushroom 24" Pier	450.17	120.96
26 55 13 00-0119		**Recessed, Adjustable** *(26 55 13)*		
26 55 13 00-0120	EA	150 Watt Incandescent Recessed, Adjustable	859.41	193.53
26 55 13 00-0121	EA	300 Watt Incandescent Recessed, Adjustable	935.61	193.53
26 55 13 00-0122		**Recessed, Uplight** *(26 55 13)*		
26 55 13 00-0123	EA	50 Watt Incandescent Recessed Uplight	773.06	193.53
26 55 13 00-0124	EA	150 Watt Incandescent Recessed Uplight	788.30	193.53
26 55 13 00-0125	EA	300 Watt Incandescent Recessed Uplight	834.02	193.53
26 55 13 00-0126	EA	500 Watt Quartz Recessed Uplight	828.94	193.53
26 55 13 00-0127	EA	5 Watt, LED Recessed Uplight	1,120.86	193.53
26 55 13 00-0128	EA	15 Watt, LED Recessed Uplight	1,232.85	193.53
26 55 13 00-0129		**Recessed Wall Light** *(26 55 13)*		
26 55 13 00-0130	EA	100 Watt Incandescent Recessed Wall Light	404.45	120.96
26 55 13 00-0131	EA	100 Watt Fluorescent Recessed Wall Light	389.21	120.96
26 55 13 00-0132	EA	100 Watt High Intensity Discharge (HID) Recessed Wall Light	622.64	161.47
26 55 13 00-0133		**Step Lights** *(26 55 13)*		
26 55 13 00-0134	EA	Incandescent Step Light	330.60	96.76
26 55 13 00-0135	EA	Fluorescent Step Light	381.47	96.76
26 55 13 00-0136	EA	5 Watt, LED Step Light	615.38	96.76
26 55 13 00-0137	EA	15 Watt, LED Step Light	734.84	96.76
26 55 13 00-0138		**Tree Lights, Surface Adjustable** *(26 55 13)*		
26 55 13 00-0139	EA	50 Watt Incandescent Tree Lights	688.68	161.47
26 55 13 00-0140	EA	100 Watt Incandescent Tree Lights	703.92	161.47
26 55 13 00-0141	EA	150 Watt Incandescent Tree Lights	890.16	241.91

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0142		Step Lighting Faceplate Trim Replacement *(26 55 13)*		
26 55 13 00-0143	EA	8.07" x 3.62", Bronze Finish, Diffused Lens, Recessed Horizontal Step Lighting Faceplate Trim (WE-EF STO209 #TA9138U9)	68.80	16.94
26 55 13 00-0144	EA	9.84" x 3.62", Bronze Finish, Diffused Lens, Recessed Horizontal Step Lighting Faceplate Trim (WE-EF STO259 #TA9132U9)	82.68	16.94
26 55 13 00-0145	EA	9.84" x 3.62", Bronze Finish, Diffused Lens, Recessed Vertical Step Lighting Faceplate Trim (WE-EF SVO259 #133-0107)	153.86	16.94
26 55 13 00-0146	EA	8.07" x 3.62", Bronze Finish, Diffused Grille, Recessed Horizontal Step Lighting Faceplate Trim (WE-EF STG209 #TA9139U9)	87.89	16.94
26 55 13 00-0147	EA	9.84" x 3.62", Bronze Finish, Diffused Grille, Recessed Horizontal Step Lighting Faceplate Trim (WE-EF STG259 #TA9133U9)	94.84	16.94
26 55 13 00-0148	EA	8.07" x 3.62", Bronze Finish, Shielded Louver, Recessed Horizontal Step Lighting Faceplate Trim (WE-EF STL209 #TA9140U9)	79.21	16.94
26 55 13 00-0149	EA	9.84" x 3.62", Bronze Finish, Shielded Louver, Recessed Horizontal Step Lighting Faceplate Trim (WE-EF STL259 #TA9134U9)	93.10	16.94
26 55 13 00-0150	EA	9.84" x 3.62", Bronze Finish, Shielded Louver, Recessed Vertical Step Lighting Faceplate Trim (WE-EF SVL259 #133-0114)	103.52	16.94
26 55 13 00-0151	EA	8.07" x 3.62", Bronze Finish, Asymmetric Forward Throw, Recessed Horizontal Step Lighting Faceplate Trim (WE-EF STP209 #TA9141U9)	79.21	16.94
26 55 13 00-0152	EA	9.84" x 3.62", Bronze Finish, Asymmetric Forward Throw, Recessed Horizontal Step Lighting Faceplate Trim (WE-EF STP259 #TA9135U9)	93.10	16.94
26 55 16		**Walkway Lighting** *(26 55)*		
26 55 16 00-0001		Incandescent Walkway *(26 55 16)*		
26 55 16 00-0002	EA	Post Top 300 Watt Incandescent Walkway Fixture	401.76	112.49
26 55 16 00-0003		Metal Halide Walkway *(26 55 16)*		
26 55 16 00-0004	EA	Post Top 100 Watt Metal Halide Walkway Fixture	618.31	176.83
26 55 16 00-0005	EA	Post Top 150-175 Watt Metal Halide Walkway Fixture	654.20	183.25
26 55 16 00-0006	EA	Post Top 250 Watt Metal Halide Walkway Fixture	704.37	190.26
26 55 16 00-0007	EA	Post Top 400 Watt Metal Halide Walkway Fixture	754.61	205.62
26 55 16 00-0008	EA	Round Luminaries 100 Watt Metal Halide Walkway Fixture	673.51	190.26
26 55 16 00-0009	EA	Round Luminaries 150-175 Watt Metal Halide Walkway Fixture	677.68	176.83
26 55 16 00-0010	EA	Round Luminaries 250 Watt Metal Halide Walkway Fixture	691.25	183.25
26 55 16 00-0011	EA	Spherical 100 Watt Metal Halide Walkway Fixture	545.15	126.03
26 55 16 00-0012	EA	Spherical 150-175 Watt Metal Halide Walkway Fixture	576.01	126.03
26 55 16 00-0013	EA	Spherical 250 Watt Metal Halide Walkway Fixture	606.87	126.03
26 55 16 00-0014	EA	Spherical 400 Watt Metal Halide Walkway Fixture	685.10	141.87
26 55 16 00-0015	EA	Low Walkway 100 Watt Metal Halide Walkway Fixture	519.66	113.21
26 55 16 00-0016		High Pressure Sodium Walkway *(26 55 16)*		
26 55 16 00-0017	EA	Post Top 100 Watt High Pressure Sodium Walkway Fixture	560.42	176.83
26 55 16 00-0018	EA	Post Top 150-175 Watt High Pressure Sodium Walkway Fixture	591.27	183.25
26 55 16 00-0019	EA	Post Top 250 Watt High Pressure Sodium Walkway Fixture	633.49	190.26
26 55 16 00-0020	EA	Post Top 400 Watt High Pressure Sodium Walkway Fixture	679.53	205.62
26 55 16 00-0021	EA	Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture	609.38	190.26
26 55 16 00-0022	EA	Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture	606.80	176.83
26 55 16 00-0023	EA	Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture	620.21	183.25
26 55 16 00-0024	EA	Spherical 100 Watt High Pressure Sodium Walkway Fixture	481.02	126.03
26 55 16 00-0025	EA	Spherical 175 150-Watt High Pressure Sodium Walkway Fixture	505.13	126.03
26 55 16 00-0026	EA	Spherical 250 Watt High Pressure Sodium Walkway Fixture	529.24	126.03
26 55 16 00-0027	EA	Spherical 400 Watt High Pressure Sodium Walkway Fixture	597.34	141.87
26 55 16 00-0028	EA	Low Walkway 100 Watt High Pressure Sodium Walkway Fixture	464.55	113.21
26 55 16 00-0029		Walkway, Adjustable *(26 55 16)*		
26 55 16 00-0030	EA	2' Fluorescent Adjustable Walkway Fixture	581.79	161.47
26 55 16 00-0031	EA	4' Fluorescent Adjustable Walkway Fixture	597.02	161.47
26 55 16 00-0032	EA	8' Fluorescent Adjustable Walkway Fixture	1,021.77	241.91
26 55 16 00-0033	EA	50 Watt Incandescent Adjustable Walkway Fixture	485.51	120.96
26 55 16 00-0034	EA	150 Watt Incandescent Adjustable Walkway Fixture	505.82	120.96
26 55 16 00-0035		LED Walkway *(26 55 16)*		
26 55 16 00-0036		LED Pathway Fixtures (CREE® BetaLED® Edge® PWY-EDG) *(26 55 16 00-0035)*		
		Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 16 00-0037	EA	13" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	882.73	92.83
		For Multi-Level Drive Currents, Add	*230.60*	
26 55 16 00-0038	EA	18" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	910.74	92.83
		For Multi-Level Drive Currents, Add	*230.60*	
26 55 16 00-0039	EA	36" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	960.15	92.83
		For Multi-Level Drive Currents, Add	*230.60*	
26 55 16 00-0040	EA	42" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	998.03	92.83
		For Multi-Level Drive Currents, Add	*230.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 16 00-0041	EA	96" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,149.31	119.34
		For Multi-Level Drive Currents, Add	*230.60*	

26 55 16 00-0042 Wall Mounted Walkway Lighting *(26 55 16 00-0035)*

26 55 16 00-0043	EA	Wall Mounted Lantern With LED Kit, No. PDEX-Bracket (Herwig P-492) Note: Type Fixture 17 as Post	4,288.66	

26 55 16 00-0044 Pole Mounted Walkway Lighting *(26 55 16 00-0035)*

26 55 16 00-0045	EA	43-1/2" Height x 19" Diameter, LED Post Lantern (Herwig AP-27)	3,958.93	
26 55 16 00-0046	EA	12' Tapered and Fluted Post (Herwig BRA Series, BRAJ-12) Note: Washers and nuts included	3,887.00	

26 55 29 Underwater Lighting *(26 55)*

26 55 29 00-0001 Underwater Lights *(26 55 29)*

26 55 29 00-0002	EA	150 Watt, 120 Volt Underwater Lights	551.99	80.44
26 55 29 00-0003	EA	300 Watt, 120 Volt Underwater Lights	612.95	80.44
26 55 29 00-0004	EA	1,000 Watt, 120 Volt Underwater Lights	1,486.36	120.96
26 55 29 00-0005	EA	50 Watt, 12 Volt Underwater Lights	577.39	80.44
26 55 29 00-0006	EA	300 Watt, 12 Volt Underwater Lights	648.50	80.44
26 55 29 00-0007	SET	Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent	1,657.78	181.43

26 55 39 Helipad Lighting *(26 55)*

26 55 39 00-0001	EA	Heliport Perimeter Light, 40 Watt With Base Housing	495.85	165.75
26 55 39 00-0002	EA	Heliport Landing Direction Light, 40 Watt With Base Housing	495.85	165.75
26 55 39 00-0003	EA	Heliport Pad Insert Light, 40 Watt With Base Housing	1,281.23	165.75
26 55 39 00-0004	EA	Heliport 10' Steel Pole, With 2 - 500 Watt Floodlights	4,804.40	442.01
26 55 39 00-0005	EA	Heliport 1 Obstruction Light, 69 Watt	472.83	138.13
26 55 39 00-0006	EA	Heliport 2 Obstruction Light, 2 - 69 Watt	604.93	165.75
26 55 39 00-0007	EA	Lighted Wind Cone, 8' Wind Sock x 20' Standard 4 Deep Bowl - 150 Watt Fixture Reflector Fixtures, 1 - 69 Watt Obstruction Light	6,066.69	1,690.56
26 55 39 00-0008	EA	Heliport Light Photoelectric Control	601.08	110.50
26 55 39 00-0009	EA	Heliport Air To Ground Radio Control Receiver	2,595.27	221.01

26 55 53 Security Lighting *(26 55)*

26 55 53 11 Security Flood Lighting *(26 55 53)*

26 55 53 11-0001 General Electric Powerflood® Flood Lights *(26 55 53 11)*

26 55 53 11-0002 MPF (Small Size) Series GE Flood Lights *(26 55 53 11-0001)*

Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle.

26 55 53 11-0003 High Pressure Sodium MPF Series GE Flood Lights *(26 55 53 11-0002)*

26 55 53 11-0004	EA	70 Watt High Pressure Sodium MPF Series GE Flood Light	368.63	101.43
26 55 53 11-0005	EA	100 Watt High Pressure Sodium MPF Series GE Flood Light	371.95	101.43
26 55 53 11-0006	EA	150 Watt High Pressure Sodium MPF Series GE Flood Light	377.48	101.43

26 55 53 11-0007 Metal Halide MPF Series GE Flood Lights *(26 55 53 11-0002)*

26 55 53 11-0008	EA	70 Watt Metal Halide MPF Series GE Flood Light	500.14	101.43

26 55 53 11-0009 P-154 (Small Size) Series GE Flood Lights *(26 55 53 11-0001)*

Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.

26 55 53 11-0010 High Pressure Sodium P-154 Series GE Flood Lights *(26 55 53 11-0009)*

26 55 53 11-0011	EA	70 Watt High Pressure Sodium P-154 Series GE Flood Light	746.79	135.24
26 55 53 11-0012	EA	100 Watt High Pressure Sodium P-154 Series GE Flood Light	751.21	135.24
26 55 53 11-0013	EA	150 Watt High Pressure Sodium P-154 Series GE Flood Light	758.94	135.24
26 55 53 11-0014	EA	250 Watt High Pressure Sodium P-154 Series GE Flood Light	846.25	135.24
26 55 53 11-0015	EA	400 Watt High Pressure Sodium P-154 Series GE Flood Light	871.66	135.24

26 55 53 11-0016 Metal Halide P-154 Series GE Flood Lights *(26 55 53 11-0009)*

26 55 53 11-0017	EA	175 Watt Metal Halide P-154 Series GE Flood Light	739.05	135.24
26 55 53 11-0018	EA	250 Watt Metal Halide P-154 Series GE Flood Light	777.73	135.24
26 55 53 11-0019	EA	400 Watt Metal Halide P-154 Series GE Flood Light	797.62	135.24

26 55 53 11-0020 PF-154 (Medium Size) Series GE Flood Lights *(26 55 53 11-0001)*

Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0021		High Pressure Sodium PF-154 Series GE Flood Lights *(26 55 53 11-0020)*		
26 55 53 11-0022	EA	70 Watt High Pressure Sodium PF-154 Series GE Flood Light	761.81	152.15
26 55 53 11-0023	EA	100 Watt High Pressure Sodium PF-154 Series GE Flood Light	767.34	152.15
26 55 53 11-0024	EA	150 Watt High Pressure Sodium PF-154 Series GE Flood Light	776.18	152.15
26 55 53 11-0025	EA	250 Watt High Pressure Sodium PF-154 Series GE Flood Light	862.38	152.15
26 55 53 11-0026	EA	400 Watt High Pressure Sodium PF-154 Series GE Flood Light	886.69	152.15
26 55 53 11-0027		Metal Halide PF-154 GE Flood Lights *(26 55 53 11-0020)*		
26 55 53 11-0028	EA	175 Watt Metal Halide PF-154 Series GE Flood Light	755.18	152.15
26 55 53 11-0029	EA	250 Watt Metal Halide PF-154 Series GE Flood Light	792.75	152.15
26 55 53 11-0030	EA	400 Watt Metal Halide PF-154 Series GE Flood Light	812.65	152.15
26 55 53 11-0031		PF-400 (Medium Size) Series GE Flood Lights *(26 55 53 11-0001)*		
		Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0032		High Pressure Sodium PF-400 Series GE Flood Lights *(26 55 53 11-0031)*		
26 55 53 11-0033	EA	150 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,022.62	152.15
26 55 53 11-0034	EA	200 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,099.97	152.15
26 55 53 11-0035	EA	250 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,094.45	152.15
26 55 53 11-0036	EA	400 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,122.07	152.15
26 55 53 11-0037		Metal Halide PF-400 GE Flood Lights *(26 55 53 11-0031)*		
26 55 53 11-0038	EA	175 Watt Metal Halide PF-400 Series GE Flood Light	1,051.35	152.15
26 55 53 11-0039	EA	250 Watt Metal Halide PF-400 Series GE Flood Light	1,074.55	152.15
26 55 53 11-0040	EA	400 Watt Metal Halide PF-400 Series GE Flood Light	1,098.87	152.15
26 55 53 11-0041		PF-1000 (Large Size) Series GE Flood Lights *(26 55 53 11-0001)*		
		Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0042		High Pressure Sodium PF-1000 Series GE Flood Lights *(26 55 53 11-0041)*		
26 55 53 11-0043	EA	750 Watt High Pressure Sodium PF-1000 Series GE Flood Light	1,386.86	169.06
26 55 53 11-0044	EA	1,000 Watt High Pressure Sodium PF-1000 Series GE Flood Light	1,386.86	169.06
26 55 53 11-0045		Metal Halide PF-1000 Series GE Flood Lights *(26 55 53 11-0041)*		
26 55 53 11-0046	EA	1,000 Watt Metal Halide PF-1000 Series GE Flood Light	1,322.76	169.06
26 55 53 11-0047		HLU/VLU (Medium Size) FRP Series GE Flood Lights *(26 55 53 11-0001)*		
		Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0048		High Pressure Sodium HLU/VLU FRP Series GE Flood Lights *(26 55 53 11-0047)*		
26 55 53 11-0049	EA	250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	1,128.70	152.15
26 55 53 11-0050	EA	400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	1,149.70	152.15
26 55 53 11-0051		Metal Halide HLU/VLU Series GE Flood Lights *(26 55 53 11-0047)*		
26 55 53 11-0052	EA	400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light	1,140.86	152.15
26 55 53 11-0053		Accessories For Powerflood GE Flood Lights *(26 55 53 11-0001)*		
26 55 53 11-0054	EA	Wireguard For Powerflood GE Flood Light	194.72	33.81
26 55 53 11-0055	EA	Polycarbonate Vandal Shield For Powerflood GE Flood Light	112.94	33.81
26 55 53 11-0056	EA	Top Visor For Powerflood Flood Light	163.77	33.81
26 55 53 11-0057	EA	Top And Two Side Visors For Powerflood GE Flood Light	125.10	33.81
26 55 53 11-0058	EA	Pipe Wall Mounting Bracket For Powerflood GE Flood Light	315.59	101.43
26 55 53 11-0059	EA	Multiple Mounting Channel For Powerflood GE Flood Light	137.25	33.81
26 55 53 11-0060	EA	Wall Or Flat Surface Bracket For Powerflood GE Flood Light	232.71	101.43
26 55 53 11-0061	EA	Steel Angle Bracket For Powerflood GE Flood Light	242.65	101.43
26 55 53 11-0062	EA	Cross Arm Adaptor For Powerflood GE Flood Light	102.99	33.81
26 55 53 11-0063	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Powerflood GE Flood Light	99.68	33.81
26 55 53 11-0064		Lithonia Contour Series Flood Lights *(26 55 53 11)*		
26 55 53 11-0065		TFM (Small Size) Series Lithonia Flood Lights *(26 55 53 11-0064)*		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle.		
26 55 53 11-0066		High Pressure Sodium TFM Series Lithonia Flood Lights *(26 55 53 11-0065)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0067	EA	70 Watt High Pressure Sodium TFM Series Lithonia Flood Light	687.95	135.24
26 55 53 11-0068	EA	100 Watt High Pressure Sodium TFM Series Lithonia Flood Light	751.76	135.24
26 55 53 11-0069	EA	150 Watt High Pressure Sodium TFM Series Lithonia Flood Light	814.24	135.24
26 55 53 11-0070		Metal Halide TFM Series Lithonia Flood Lights *(26 55 53 11-0065)*		
26 55 53 11-0071	EA	50 Watt Metal Halide TFM Series Lithonia Flood Light	892.22	135.24
26 55 53 11-0072	EA	70 Watt Metal Halide TFM Series Lithonia Flood Light	876.86	135.24
26 55 53 11-0073	EA	100 Watt Metal Halide TFM Series Lithonia Flood Light	852.10	135.24
26 55 53 11-0074	EA	175 Watt Metal Halide TFM Series Lithonia Flood Light	850.27	135.24
26 55 53 11-0075		Compact Fluorescent TFM Series Lithonia Flood Lights *(26 55 53 11-0065)*		
26 55 53 11-0076	EA	42 Watt Compact Fluorescent TFM Series Lithonia Flood Light	885.85	135.24
26 55 53 11-0077		TFL (Medium Size) Series Lithonia Flood Lights *(26 55 53 11-0064)*		
		Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0078		High Pressure Sodium TFL Series Lithonia Flood Lights *(26 55 53 11-0077)*		
26 55 53 11-0079	EA	250 Watt High Pressure Sodium TFL Series Lithonia Flood Light	1,054.27	152.15
26 55 53 11-0080	EA	400 Watt High Pressure Sodium TFL Series Lithonia Flood Light	1,075.55	152.15
26 55 53 11-0081		Metal Halide TFL Series Lithonia Flood Lights *(26 55 53 11-0077)*		
26 55 53 11-0082	EA	175 Watt Metal Halide TFL Series Lithonia Flood Light	1,006.44	152.15
26 55 53 11-0083	EA	250 Watt Metal Halide TFL Series Lithonia Flood Light	1,006.44	152.15
26 55 53 11-0084	EA	400 Watt Metal Halide TFL Series Lithonia Flood Light	1,039.81	152.15
26 55 53 11-0085		TFR (Low Profile) Series Lithonia Flood Lights *(26 55 53 11-0064)*		
		Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0086		High Pressure Sodium TFR Lithonia Flood Lights *(26 55 53 11-0085)*		
26 55 53 11-0087	EA	150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,009.85	135.24
26 55 53 11-0088	EA	250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,041.70	135.24
26 55 53 11-0089	EA	400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,068.31	135.24
26 55 53 11-0090		Metal Halide TFR Lithonia Flood Lights *(26 55 53 11-0085)*		
26 55 53 11-0091	EA	250 Watt Metal Halide TFR Series Lithonia Flood Light	999.19	135.24
26 55 53 11-0092	EA	400 Watt Metal Halide TFR Series Lithonia Flood Light	1,031.09	135.24
26 55 53 11-0093		TFA (Large Size) Series Lithonia Flood Lights *(26 55 53 11-0064)*		
		Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0094		High Pressure Sodium TFA Series Lithonia Flood Lights *(26 55 53 11-0093)*		
26 55 53 11-0095	EA	1,000 Watt High Pressure Sodium TFA Series Lithonia Flood Light	1,960.14	169.06
26 55 53 11-0096		Metal Halide TFA Series Lithonia Flood Lights *(26 55 53 11-0093)*		
26 55 53 11-0097	EA	400 Watt Metal Halide TFA Series Lithonia Flood Light	1,508.09	169.06
26 55 53 11-0098	EA	1,000 Watt Metal Halide TFA Series Lithonia Flood Light	1,667.62	169.06
26 55 53 11-0099		Accessories For Contour Series Lithonia Flood Lights *(26 55 53 11-0064)*		
26 55 53 11-0100	EA	Wireguard For Contour Series Lithonia Flood Light	167.91	33.81
26 55 53 11-0101	EA	Vandal Guard For Contour Series Lithonia Flood Light	324.50	33.81
26 55 53 11-0102	EA	Upper Visor For Contour Series Lithonia Flood Light	138.36	33.81
26 55 53 11-0103	EA	Full Visor For Contour Series Lithonia Flood Light	186.21	33.81
26 55 53 11-0104	EA	Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light	415.56	101.43
26 55 53 11-0105	EA	Radius Wall Bracket For Contour Series Lithonia Flood Light	330.88	101.43
26 55 53 11-0106	EA	Steel Angle Bracket For Contour Series Lithonia Flood Light	330.88	101.43
26 55 53 11-0107	EA	U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe	364.66	101.43
26 55 53 11-0108	EA	Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light	160.64	33.81
26 55 53 11-0109	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light	128.19	33.81
26 55 53 11-0110		Eaton Flood Lights *(26 55 53 11)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0111	EA	6" x 6", 16,932 Lumens, 128 Watt, LED Flood Light (Eaton NFFLD-C40-D-UNV-66-T-CB)	1,082.02	135.24
		For NEMA Photocontrol Option (Eaton OA/RA1016), Add	*57.27*	
		For >50 To 100, Deduct	*-33.81*	
		For >100 To 250, Deduct	*-60.86*	
		For >250 To 500, Deduct	*-108.20*	
		For >500, Deduct	*-155.54*	
26 55 53 11-0112	EA	16,900 Lumens, 128 Watt, NEMA 6H x 6V Wide, Trunnion Mount, 4000K CCT, Night Falcon LED Flood Light With Multi-Tap (Cooper Industries NFFLD-C40-D-UNV-66-T-CB-PER7+OA/RA1016)	1,345.09	148.90
		For >50 To 100, Deduct	*-41.07*	
		For >100 To 250, Deduct	*-74.70*	
		For >250 To 500, Deduct	*-134.51*	
		For >500, Deduct	*-194.32*	

26 55 53 11-0113 Ruud Flood Lights *(26 55 53 11)*

26 55 53 11-0114 NS (Micro) Series Ruud Flood Lights *(26 55 53 11-0113)*

Note: Provides conventional floodlighting. 1/2" threaded mounting knuckle.

26 55 53 11-0115 High Pressure Sodium NS Series Ruud Flood Lights *(26 55 53 11-0114)*

26 55 53 11-0116	EA	35 Watt High Pressure Sodium NS Series Ruud Flood Light	452.62	101.43
26 55 53 11-0117	EA	50 Watt High Pressure Sodium NS Series Ruud Flood Light	452.62	101.43
26 55 53 11-0118	EA	70 Watt High Pressure Sodium NS Series Ruud Flood Light	452.62	101.43
26 55 53 11-0119	EA	100 Watt High Pressure Sodium NS Series Ruud Flood Light	452.62	101.43
26 55 53 11-0120	EA	150 Watt High Pressure Sodium NS Series Ruud Flood Light	452.62	101.43

26 55 53 11-0121 Metal Halide NS Series Ruud Flood Lights *(26 55 53 11-0114)*

26 55 53 11-0122	EA	50 Watt Metal Halide NS Series Ruud Flood Light	514.51	101.43
26 55 53 11-0123	EA	70 Watt Metal Halide NS Series Ruud Flood Light	514.51	101.43
26 55 53 11-0124	EA	100 Watt Metal Halide NS Series Ruud Flood Light	514.51	101.43

26 55 53 11-0125 Compact Fluorescent NS Series Ruud Flood Lights *(26 55 53 11-0114)*

26 55 53 11-0126	EA	13 Watt Compact Fluorescent NS Series Ruud Flood Light	388.53	101.43
26 55 53 11-0127	EA	26 Watt Compact Fluorescent NS Series Ruud Flood Light	404.00	101.43
26 55 53 11-0128	EA	32 Watt Compact Fluorescent NS Series Ruud Flood Light	408.42	101.43
26 55 53 11-0129	EA	42 Watt Compact Fluorescent NS Series Ruud Flood Light	412.84	101.43

26 55 53 11-0130 NSF/NSW/NSC (Standard, Wide And Cutoff Micro) Series Ruud Flood Lights *(26 55 53 11-0113)*

Note: The NSF is suited for large open areas and façade applications. The NSW is suited for roadway applications, parking areas or security. The NSC is designed for parking lot and outdoor sports areas. Yoke or slip fitter mounting.

26 55 53 11-0131 High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Lights *(26 55 53 11-0130)*

26 55 53 11-0132	EA	150 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	697.72	152.15
26 55 53 11-0133	EA	250 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	737.50	152.15
26 55 53 11-0134	EA	400 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	759.60	152.15

26 55 53 11-0135 Metal Halide NSF/NSW/NSC Series Ruud Flood Lights *(26 55 53 11-0130)*

26 55 53 11-0136	EA	175 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	688.87	152.15
26 55 53 11-0137	EA	250 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	693.30	152.15
26 55 53 11-0138	EA	400 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	706.56	152.15

26 55 53 11-0139 Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Lights *(26 55 53 11-0130)*

26 55 53 11-0140	EA	70 Watt Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Light	673.40	152.15

26 55 53 11-0141 FS (Square) Series Ruud Flood Lights *(26 55 53 11-0113)*

Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.

26 55 53 11-0142 High Pressure Sodium FS Series Ruud Flood Lights *(26 55 53 11-0141)*

26 55 53 11-0143	EA	250 Watt High Pressure Sodium FS Series Ruud Flood Light	814.86	152.15
26 55 53 11-0144	EA	400 Watt High Pressure Sodium FS Series Ruud Flood Light	819.28	152.15
26 55 53 11-0145	EA	1,000 Watt High Pressure Sodium FS Series Ruud Flood Light	1,387.96	169.06

26 55 53 11-0146 Metal Halide FS Series Ruud Flood Lights *(26 55 53 11-0141)*

26 55 53 11-0147	EA	175 Watt Metal Halide FS Series Ruud Flood Light	814.86	152.15
26 55 53 11-0148	EA	250 Watt Metal Halide FS Series Ruud Flood Light	819.28	152.15
26 55 53 11-0149	EA	400 Watt Metal Halide FS Series Ruud Flood Light	832.54	152.15
26 55 53 11-0150	EA	1,000 Watt Metal Halide FS Series Ruud Flood Light	1,242.09	169.06

26 55 53 11-0151 MFS (Mini Square) Series Ruud Flood Lights *(26 55 53 11-0113)*

Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.

26 55 53 11-0152 High Pressure Sodium MFS Series Ruud Flood Lights *(26 55 53 11-0151)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0153	EA	35 Watt High Pressure Sodium MFS Series Ruud Flood Light	639.59	135.24
26 55 53 11-0154	EA	50 Watt High Pressure Sodium MFS Series Ruud Flood Light	686.01	135.24
26 55 53 11-0155	EA	70 Watt High Pressure Sodium MFS Series Ruud Flood Light	686.01	135.24
26 55 53 11-0156	EA	100 Watt High Pressure Sodium MFS Series Ruud Flood Light	686.01	135.24
26 55 53 11-0157	EA	150 Watt High Pressure Sodium MFS Series Ruud Flood Light	686.01	135.24
26 55 53 11-0158		Metal Halide MFS Series Ruud Flood Lights *(26 55 53 11-0151)*		
26 55 53 11-0159	EA	50 Watt Metal Halide MFS Series Ruud Flood Light	701.48	135.24
26 55 53 11-0160	EA	70 Watt Metal Halide MFS Series Ruud Flood Light	701.48	135.24
26 55 53 11-0161	EA	100 Watt Metal Halide MFS Series Ruud Flood Light	701.48	135.24
26 55 53 11-0162	EA	175 Watt Metal Halide MFS Series Ruud Flood Light	677.17	135.24
26 55 53 11-0163		MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0164		High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights *(26 55 53 11-0163)*		
26 55 53 11-0165	EA	35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	694.85	135.24
26 55 53 11-0166	EA	50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	741.26	135.24
26 55 53 11-0167	EA	70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	741.26	135.24
26 55 53 11-0168	EA	100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	741.26	135.24
26 55 53 11-0169	EA	150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	741.26	135.24
26 55 53 11-0170		Metal Halide MCF/MPM/MPN Series Ruud Flood Lights *(26 55 53 11-0163)*		
26 55 53 11-0171	EA	50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	756.73	135.24
26 55 53 11-0172	EA	70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	756.73	135.24
26 55 53 11-0173	EA	100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	756.73	135.24
26 55 53 11-0174	EA	175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	732.42	135.24
26 55 53 11-0175		CF (Cutoff Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting.		
26 55 53 11-0176		High Pressure Sodium CF Series Ruud Flood Lights *(26 55 53 11-0175)*		
26 55 53 11-0177	EA	250 Watt High Pressure Sodium CF Series Ruud Flood Light	918.74	152.15
26 55 53 11-0178	EA	400 Watt High Pressure Sodium CF Series Ruud Flood Light	940.84	152.15
26 55 53 11-0179	EA	1,000 Watt High Pressure Sodium CF Series Ruud Flood Light	1,443.22	169.06
26 55 53 11-0180		Metal Halide CF Series Ruud Flood Lights *(26 55 53 11-0175)*		
26 55 53 11-0181	EA	175 Watt Metal Halide CF Series Ruud Flood Light	870.11	152.15
26 55 53 11-0182	EA	250 Watt Metal Halide CF Series Ruud Flood Light	874.53	152.15
26 55 53 11-0183	EA	400 Watt Metal Halide CF Series Ruud Flood Light	887.79	152.15
26 55 53 11-0184	EA	1,000 Watt Metal Halide CF Series Ruud Flood Light	1,297.35	169.06
26 55 53 11-0185		CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting.		
26 55 53 11-0186		High Pressure Sodium CN Series Ruud Flood Lights *(26 55 53 11-0185)*		
26 55 53 11-0187	EA	400 High Pressure Sodium CN Series Ruud Flood Light	1,186.84	169.06
26 55 53 11-0188	EA	1,000 High Pressure Sodium CN Series Ruud Flood Light	1,416.70	169.06
26 55 53 11-0189		Metal Halide CN Series Ruud Flood Lights *(26 55 53 11-0185)*		
26 55 53 11-0190	EA	400 Watt Metal Halide CN Series Ruud Flood Light	1,133.79	169.06
26 55 53 11-0191	EA	1,000 Watt Metal Halide CN Series Ruud Flood Light	1,270.82	169.06
26 55 53 11-0192		PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0193		High Pressure Sodium PM/PN Series Ruud Flood Lights *(26 55 53 11-0192)*		
26 55 53 11-0194	EA	250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	949.68	152.15
26 55 53 11-0195	EA	400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	971.78	152.15
26 55 53 11-0196		Metal Halide PM/PN Series Ruud Flood Lights *(26 55 53 11-0192)*		
26 55 53 11-0197	EA	175 Watt Metal Halide PM/PN Series Ruud Flood Light	901.05	152.15
26 55 53 11-0198	EA	250 Watt Metal Halide PM/PN Series Ruud Flood Light	905.47	152.15
26 55 53 11-0199	EA	400 Watt Metal Halide PM/PN Series Ruud Flood Light	918.74	152.15
26 55 53 11-0200	EA	1,000 Watt Metal Halide PM/PN Series Ruud Flood Light	1,328.29	169.06
26 55 53 11-0201		Accessories For Ruud Flood Lighting *(26 55 53 11-0113)*		
26 55 53 11-0202	EA	Wireguard For Rudd Flood Light	100.78	33.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0203	EA	Deep Baffle (Full Visor) For Rudd Flood Light	160.46	33.81
26 55 53 11-0204	EA	Glare Guard (Upper Visor) For Rudd Flood Light	116.25	33.81
26 55 53 11-0205	EA	Vandal Shield For Rudd Flood Light	138.36	33.81
26 55 53 11-0206	EA	Pipe Mounting Bracket For Ruud Flood Light	278.02	101.43
26 55 53 11-0207	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Ruud Flood Light	87.52	33.81
26 55 53 11-0208		Lumark Flood Lights *(26 55 53 11)*		
26 55 53 11-0209		QZ Wedge Series Quartz Lumark Flood Lights *(26 55 53 11-0208)*		
		Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0210	EA	500 Watt QZ Wedge Series Quartz Lumark Flood Light	248.07	101.43
26 55 53 11-0211		LQL Series Quartz Lumark Flood Lights *(26 55 53 11-0208)*		
		Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0212	EA	1,500 Watt LQL Series Quartz Lumark Flood Light	313.27	101.43
26 55 53 11-0213		Kim Lighting *(26 55 53 11)*		
26 55 53 11-0214		MicroFlood® Series Kim Lighting Flood Lights *(26 55 53 11-0213)*		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0215		LED MicroFlood® Series Kim Lighting Flood Lights *(26 55 53 11-0214)*		
26 55 53 11-0216	EA	5 Watt, LED MicroFlood® Series Kim Lighting Flood Light	519.99	42.40
		For >50 To 100, Deduct	*-15.12*	
		For >100 To 250, Deduct	*-28.12*	
		For >250 To 500, Deduct	*-52.00*	
		For >500, Deduct	*-75.88*	
26 55 53 11-0217	EA	15 Watt, LED MicroFlood® Series Kim Lighting Flood Light	642.65	42.40
		For >50 To 100, Deduct	*-18.19*	
		For >100 To 250, Deduct	*-34.25*	
		For >250 To 500, Deduct	*-64.27*	
		For >500, Deduct	*-94.28*	
26 55 53 11-0218		Scarab® Series Kim Lighting Flood Lights *(26 55 53 11-0213)*		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0219		LED Scarab® Series Kim Lighting Accent Flood Lights *(26 55 53 11-0218)*		
		Note: Spot or narrow style accent flood lights.		
26 55 53 11-0220	EA	6 Watt, LED Scarab® Series Kim Lighting Accent Flood Light	793.34	42.40
		For >50 To 100, Deduct	*-21.95*	
		For >100 To 250, Deduct	*-41.79*	
		For >250 To 500, Deduct	*-79.33*	
		For >500, Deduct	*-116.88*	
26 55 53 11-0221		CREE® BetaLED® Flood Lights *(26 55 53 11)*		
26 55 53 11-0222		Yoke Mount, Square, LED Flood Lights (CREE® BetaLED® FLD-304) *(26 55 53 11-0221)*		
		Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0223	EA	40 LEDs, 47 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	1,146.28	121.83
		For >50 To 100, Deduct	*-34.75*	
		For >100 To 250, Deduct	*-63.41*	
		For >250 To 500, Deduct	*-114.63*	
		For >500, Deduct	*-165.85*	
26 55 53 11-0224	EA	60 LEDs, 68 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	1,255.34	128.59
		For >50 To 100, Deduct	*-37.81*	
		For >100 To 250, Deduct	*-69.20*	
		For >250 To 500, Deduct	*-125.53*	
		For >500, Deduct	*-181.87*	
26 55 53 11-0225		Adjustable Arm Mount, Rectangular, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDG) *(26 55 53 11-0221)*		
		Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0226	EA	20 LEDs, 26 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	996.03	115.06
		For 480 Volt, Add	*103.08*	
		For >50 To 100, Deduct	*-30.65*	
		For >100 To 250, Deduct	*-55.55*	
		For >250 To 500, Deduct	*-99.60*	
		For >500, Deduct	*-143.65*	
26 55 53 11-0227	EA	40 LEDs, 47 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,251.70	121.83
		For 480 Volt, Add	*103.08*	
		For >50 To 100, Deduct	*-37.38*	
		For >100 To 250, Deduct	*-68.68*	
		For >250 To 500, Deduct	*-125.17*	
		For >500, Deduct	*-181.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0228	EA	60 LEDs, 68 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,507.36	128.59
		For 480 Volt, Add	*103.08*	
		For >50 To 100, Deduct	*-44.11*	
		For >100 To 250, Deduct	*-81.80*	
		For >250 To 500, Deduct	*-150.74*	
		For >500, Deduct	*-219.67*	
26 55 53 11-0229	EA	80 LEDs, 90 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,860.21	135.37
		For 480 Volt, Add	*103.08*	
		For >50 To 100, Deduct	*-53.27*	
		For >100 To 250, Deduct	*-99.78*	
		For >250 To 500, Deduct	*-186.02*	
		For >500, Deduct	*-272.26*	
26 55 53 11-0230	EA	100 LEDs, 111 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,115.87	142.13
		For 480 Volt, Add	*103.08*	
		For >50 To 100, Deduct	*-60.00*	
		For >100 To 250, Deduct	*-112.90*	
		For >250 To 500, Deduct	*-211.59*	
		For >500, Deduct	*-310.27*	
26 55 53 11-0231	EA	120 LEDs, 132 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,371.53	148.90
		For 480 Volt, Add	*103.08*	
		For >50 To 100, Deduct	*-66.73*	
		For >100 To 250, Deduct	*-126.02*	
		For >250 To 500, Deduct	*-237.15*	
		For >500, Deduct	*-348.28*	
26 55 53 11-0232	EA	140 LEDs, 157 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,704.62	155.67
		For 480 Volt, Add	*103.08*	
		For >50 To 100, Deduct	*-75.40*	
		For >100 To 250, Deduct	*-143.01*	
		For >250 To 500, Deduct	*-270.46*	
		For >500, Deduct	*-397.91*	
26 55 53 11-0233	EA	160 LEDs, 179 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,960.29	162.44
		For 480 Volt, Add	*103.08*	
		For >50 To 100, Deduct	*-82.13*	
		For >100 To 250, Deduct	*-156.14*	
		For >250 To 500, Deduct	*-296.03*	
		For >500, Deduct	*-435.92*	

26 55 53 11-0234 Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® Edge® FLD-EHO) *(26 55 53 11-0221)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 55 53 11-0235	EA	120 LEDs, 267 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)	2,274.35	148.90
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Bird Spikes, Add	*45.49*	
		For 5,000K Color Temperature, Add	*48.57*	
		For Fuse, Add	*58.28*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For 480 Volt, Add	*87.42*	
		For Multi-Level, Add	*126.26*	
		For 1,000mA Driver, Add	*163.18*	
		For >50 To 100, Deduct	*-64.30*	
		For >100 To 250, Deduct	*-121.16*	
		For >250 To 500, Deduct	*-227.44*	
		For >500, Deduct	*-333.71*	
26 55 53 11-0236	EA	240 LEDs, 533 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)	3,851.49	182.74
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For 5,000K Color Temperature, Add	*48.57*	
		For Fuse, Add	*58.28*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For Bird Spikes, Add	*67.24*	
		For Multi-Level, Add	*126.26*	
		For 1,000mA Driver, Add	*163.18*	
		For 480 Volt, Add	*174.83*	
		For >50 To 100, Deduct	*-105.42*	
		For >100 To 250, Deduct	*-201.71*	
		For >250 To 500, Deduct	*-385.15*	
		For >500, Deduct	*-568.59*	

26 55 53 11-0237 Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® OSQ™) *(26 55 53 11-0221)*

Note: UL wet listed. Includes 3,000K or 4,000K or 5,700K color temperature, 120/277 voltage, Class 1 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0238	EA	112 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-A-XXX-US-UL)	1,338.09	148.90
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Front Facing Optics, Back Light Shield, Add	*35.28*	
		For Rotated Optics, Back Light Shield, Add	*35.28*	
		For Field Adjustable Output, Add	*29.15*	
		For Fuse, Add	*58.28*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For Multi-Level, Add	*126.26*	
		For >50 To 100, Deduct	*-40.90*	
		For >100 To 250, Deduct	*-74.35*	
		For >250 To 500, Deduct	*-133.81*	
		For >500, Deduct	*-193.27*	
26 55 53 11-0239	EA	168 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-J-XXX-US-UL)	1,429.88	148.90
		Note: Type III, IV or V medium optics only.		
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Front Facing Optics, Back Light Shield, Add	*35.28*	
		For Rotated Optics, Back Light Shield, Add	*35.28*	
		For Field Adjustable Output, Add	*29.15*	
		For Fuse, Add	*58.28*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For Type II Medium Or Type V Short Optics, Add	*390.60*	
		For Multi-Level, Add	*126.26*	
		For >50 To 100, Deduct	*-43.19*	
		For >100 To 250, Deduct	*-78.94*	
		For >250 To 500, Deduct	*-142.99*	
		For >500, Deduct	*-207.04*	
26 55 53 11-0240	EA	223 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-S-XXX-US-UL)	1,834.13	182.74
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Field Adjustable Output, Add	*29.15*	
		For Front Facing Optics, Back Light Shield, Add	*42.75*	
		For Rotated Optics, Back Light Shield, Add	*42.75*	
		For Fuse, Add	*58.28*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For Multi-Level, Add	*126.26*	
		For >50 To 100, Deduct	*-54.99*	
		For >100 To 250, Deduct	*-100.84*	
		For >250 To 500, Deduct	*-183.41*	
		For >500, Deduct	*-265.98*	

26 55 53 11-0241 PlanLED Flood Lights *(26 55 53 11)*

26 55 53 11-0242 Adjustable Arm Mount, LED Flood Lights (PlanLED WAPA) *(26 55 53 11-0241)*

26 55 53 11-0243	EA	6,250 Lumens, 50 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP050)	639.64	121.83
		For >50 To 100, Deduct	*-22.08*	
		For >100 To 250, Deduct	*-38.07*	
		For >250 To 500, Deduct	*-63.96*	
		For >500, Deduct	*-89.85*	
26 55 53 11-0244	EA	9,375 Lumens, 75 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP075)	764.86	128.59
		For >50 To 100, Deduct	*-25.55*	
		For >100 To 250, Deduct	*-44.67*	
		For >250 To 500, Deduct	*-76.49*	
		For >500, Deduct	*-108.30*	
26 55 53 11-0245	EA	12,500 Lumens, 100 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP100)	882.64	138.74
		For >50 To 100, Deduct	*-29.00*	
		For >100 To 250, Deduct	*-51.07*	
		For >250 To 500, Deduct	*-88.26*	
		For >500, Deduct	*-125.46*	

26 55 53 11-0246 Adjustable Arm Mount, LED Sports Flood Lights (PlanLED SUFA) *(26 55 53 11-0241)*

26 55 53 11-0247	EA	21,000 Lumens, 200 Watt, LED Sports Flood Light (PlanLED SUFA SF200)	1,790.32	270.72
		For 0 To 10 Volt Dimming, Add	*87.74*	
		For >50 To 100, Deduct	*-58.29*	
		For >100 To 250, Deduct	*-103.05*	
		For >250 To 500, Deduct	*-179.03*	
		For >500, Deduct	*-255.01*	
26 55 53 11-0248	EA	42,000 Lumens, 400 Watt, LED Sports Flood Light (PlanLED SUFA SF400)	2,775.21	270.72
		For 0 To 10 Volt Dimming, Add	*87.74*	
		For >50 To 100, Deduct	*-82.92*	
		For >100 To 250, Deduct	*-152.30*	
		For >250 To 500, Deduct	*-277.52*	
		For >500, Deduct	*-402.75*	
26 55 53 11-0249	EA	84,000 Lumens, 800 Watt, LED Sports Flood Light (PlanLED SUFA SF800)	4,895.26	270.72
		For 0 To 10 Volt Dimming, Add	*87.74*	
		For >50 To 100, Deduct	*-135.92*	
		For >100 To 250, Deduct	*-258.30*	
		For >250 To 500, Deduct	*-489.53*	
		For >500, Deduct	*-720.75*	

26 55 53 11-0250 Adjustable Arm Mount, LED High Mast Flood Lights (PlanLED MAHA) *(26 55 53 11-0241)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0251	EA	26,000 Lumens, 200 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA200)	1,584.57	175.97
		For 0 To 10 Volt Dimming, Add	*87.74*	
		For 480 Volt, Add	*132.00*	
		For >50 To 100, Deduct	*-48.41*	
		For >100 To 250, Deduct	*-88.03*	
		For >250 To 500, Deduct	*-158.46*	
		For >500, Deduct	*-228.89*	
26 55 53 11-0252	EA	39,000 Lumens, 300 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA300)	2,028.62	182.74
		For 0 To 10 Volt Dimming, Add	*87.74*	
		For 480 Volt, Add	*106.63*	
		For >50 To 100, Deduct	*-59.85*	
		For >100 To 250, Deduct	*-110.57*	
		For >250 To 500, Deduct	*-202.86*	
		For >500, Deduct	*-295.16*	
26 55 53 11-0253	EA	52,000 Lumens, 400 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA400)	2,588.41	189.50
		For 0 To 10 Volt Dimming, Add	*87.74*	
		For 480 Volt, Add	*86.46*	
		For >50 To 100, Deduct	*-74.19*	
		For >100 To 250, Deduct	*-138.90*	
		For >250 To 500, Deduct	*-258.84*	
		For >500, Deduct	*-378.79*	

26 55 53 12 Security Hazardous Location Flood Lights *(26 55 53)*

Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.

26 55 53 12-0001 Lithonia Hazardous Location Flood Lights *(26 55 53 12)*

26 55 53 12-0002 HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights *(26 55 53 12-0001)*

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

26 55 53 12-0003 High Pressure Sodium HFR Series Hazardous Location Flood Lights *(26 55 53 12-0002)*

26 55 53 12-0004	EA	150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,000.54	135.24
26 55 53 12-0005	EA	250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,069.06	135.24
26 55 53 12-0006	EA	400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,002.75	135.24

26 55 53 12-0007 Metal Halide HFR Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0002)*

26 55 53 12-0008	EA	250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,061.74	135.24
26 55 53 12-0009	EA	400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,029.27	135.24

26 55 53 12-0010 HFM (Medium Base) Series Hazardous Location Flood Lights *(26 55 53 12-0001)*

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

26 55 53 12-0011 High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0010)*

26 55 53 12-0012	EA	100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	953.44	135.24
26 55 53 12-0013	EA	150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	994.33	135.24

26 55 53 12-0014 Metal Halide HFM Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0010)*

26 55 53 12-0015	EA	175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	842.93	135.24

26 55 53 12-0016 HFA (Large) Series Hazardous Location Flood Lights *(26 55 53 12-0001)*

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

26 55 53 12-0017 High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0016)*

26 55 53 12-0018	EA	250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,348.18	169.06
26 55 53 12-0019	EA	400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,368.07	169.06

26 55 53 12-0020 Metal Halide HFA Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0016)*

26 55 53 12-0021	EA	250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,341.55	169.06
26 55 53 12-0022	EA	400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,368.07	169.06

26 55 53 12-0023 HFL (Medium) Series Hazardous Location Flood Lights *(26 55 53 12-0001)*

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

26 55 53 12-0024 High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0023)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 12-0025	EA	400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,000.51	152.15
26 55 53 12-0026		Metal Halide HFL Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0023)*		
26 55 53 12-0027	EA	400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,077.87	152.15
26 55 53 12-0028		Accessories For Lithonia Hazardous Location Flood Lights *(26 55 53 12-0001)*		
		See CSI section 26 55 53 11-0099 for accessories.		
26 55 53 13		**Security High Performance Flood Lights** *(26 55 53)*		
		Note: For airport aprons and parking areas.		
26 55 53 13-0001		Lithonia High Performance Flood Lights *(26 55 53 13)*		
26 55 53 13-0002		170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0001)*		
		Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens.		
26 55 53 13-0003		High Pressure Sodium 170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0002)*		
26 55 53 13-0004	EA	250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,326.39	202.87
26 55 53 13-0005	EA	400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,507.63	202.87
26 55 53 13-0006	EA	750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,516.47	202.87
26 55 53 13-0007	EA	1,000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,792.75	202.87
26 55 53 13-0008		Metal Halide 170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0002)*		
26 55 53 13-0009	EA	320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,677.82	202.87
26 55 53 13-0010	EA	350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,555.26	202.87
26 55 53 13-0011	EA	400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,439.11	202.87
26 55 53 13-0012	EA	1,000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,554.04	202.87
26 55 53 13-0013		Accessories For Lithonia High Performance Flood Lights *(26 55 53 13-0002)*		
		See CSI section 26 55 53 11-0099 for accessories.		
26 55 61		**Theatrical Lighting** *(26 55)*		
26 55 61 00-0001		Stage Lighting *(26 55 61)*		
26 55 61 00-0002	EA	Ellipsoidal Spotlight, Two 6" x 9" Lenses	625.12	146.97
		Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.		
26 55 61 00-0003	EA	Ellipsoidal Spotlight, Two 6" x 12" Lenses	625.12	146.97
		Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.		
26 55 61 00-0004	EA	Ellipsoidal Spotlight, Two 6" x 16" Lenses	625.12	146.97
		Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.		
26 55 61 00-0005	EA	14" Scoop Floodlight Altman #SC14	645.00	146.97
26 55 61 00-0006	EA	6" Diameter Fresnel Spotlight, Spherical Specular Alzak1	510.47	146.97
		Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp.		
26 55 61 00-0007	EA	8" Diameter Fresnel Spotlight, Spherical Specular Alzak	831.45	146.97
		Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp.		
26 55 61 00-0008	EA	Follow Spotlight With Steel Chassis And Lightweight	2,168.45	146.97
		Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.		
26 55 61 00-0009	EA	Follow Spotlight With Steel Chassis And Lightweight	2,611.14	146.97
		Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.		
26 55 61 00-0010	EA	300 To 1000 Watt, PAR 64 Can Lighting With 20 Gauge Sheet Steel	465.92	146.97
		Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector.		
26 55 61 00-0011	EA	6' Length, Multi-Lamp Compartmented Striplighting Luminaire	1,653.48	146.97
		Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish.		
26 55 61 00-0012	EA	1,000 Watt, 25 To 125' Throw, Follow Spotlight (Times Square Lighting QF1000S)	2,816.18	146.97
26 55 63		**Detention Lighting** *(26 55)*		
26 55 63 00-0001		Maximum Security Recessed Luminaire *(26 55 63)*		
		Note: Failsafe - FMR series.		
26 55 63 00-0002	EA	12" x 48", Two 32 Watt, T8 Fluorescent Lamps, 14 Gauge, Maximum Security Recessed Luminaire	1,164.05	39.77
		Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.		
26 55 63 00-0003	EA	12" x 48", Three 32 Watt, Lamps,14 Gage, Maximum Security Recessed Luminaire	1,277.24	39.77
		Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.		
26 55 63 00-0004	EA	24" x 24", Two 17 Watt, Lamps,14 Gage, Maximum Security Recessed Luminaire	1,119.56	47.74
		Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 63 00-0005	EA	24" x 48", Two 32 Watt, Lamps,14 Gage, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,527.82	55.69
26 55 63 00-0006	EA	24" x 48", Three 32 Watt, Lamps,14 Gage, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,527.82	55.69
26 55 63 00-0007	EA	24" x 48", Four 32 Watt, Lamps,14 Gage, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,527.82	55.69
26 55 63 00-0008	EA	12" x 48", Two 32 Watt, T8 Fluorescent Lamps, 16 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,164.05	39.77
26 55 63 00-0009	EA	12" x 48", Three 32 Watt, Lamps,16 Gage, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,333.83	39.77
26 55 63 00-0010	EA	24" x 24", Two 17 Watt, T8 Fluorescent Lamps, 16 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.187" clear tempered glass environmental side.	1,176.15	47.75
26 55 63 00-0011	EA	24" x 48", Two 32 Watt, Lamps,16 Gage, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.187" clear tempered glass environmental side.	1,358.03	55.70
26 55 63 00-0012	EA	24" x 48", Three 32 Watt, T8 Fluorescent Lamps, 16 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.187" clear tempered glass environmental side.	1,358.03	55.70
26 55 63 00-0013	EA	24" x 48", Four 32 Watt, T8 Fluorescent Lamps, 16 Gauge, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.187" clear tempered glass environmental side.	1,358.03	55.70
26 55 63 00-0014	EA	12" x 48", Two 32 Watt, Lamps,18 Gage, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,022.57	39.77
26 55 63 00-0015	EA	12" x 48", Three 32 Watt, Lamps,18 Gage, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,022.57	39.77
26 55 63 00-0016	EA	24" x 24", Two 17 Watt, Lamps,18 Gage, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,232.75	47.74
26 55 63 00-0017	EA	24" x 48", Two 32 Watt, Lamps,18 Gage, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,471.22	55.69
26 55 63 00-0018	EA	24" x 48", Three 32 Watt, Lamps,18 Gage, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,482.54	55.69
26 55 63 00-0019	EA	24" x 48", Four 32 Watt, Lamps,18 Gage, Maximum Security Recessed Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate.	1,482.54	55.69
26 55 63 00-0020		Maximum Security Surface Luminaire *(26 55 63)* Note: Failsafe - FMR series.		
26 55 63 00-0021	EA	12" x 24", Two 32 Watt, Lamps,12 Gage, Maximum Security Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate environmental side.	1,050.87	39.77
26 55 63 00-0022	EA	12" x 24", Three 32 Watt, Lamps,12 Gage, Maximum Security Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate environmental side.	1,305.54	39.77
26 55 63 00-0023	EA	12" x 48", Two 32 Watt, Lamps,14 Gage, Maximum Security Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate environmental side.	994.27	39.77
26 55 63 00-0024	EA	12" x 48", Three 32 Watt, Lamps,14 Gage, Maximum Security Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate environmental side.	994.27	39.77
26 55 63 00-0025	EA	19" x 24", Two 17 Watt, Lamps,14 Gage, Maximum Security Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate environmental side.	978.07	47.74
26 55 63 00-0026	EA	19" x 48", Two 32 Watt, Lamps,14 Gage, Maximum Security Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate environmental side.	1,210.50	51.72
26 55 63 00-0027	EA	19" x 48", Three 32 Watt, Lamps,14 Gage, Ultimax Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate environmental side.	1,238.80	51.72
26 55 63 00-0028	EA	16" x 48", Four 32 Watt, T8 Fluorescent Lamps, 14 Gauge, Maximum Security Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.005" UV absorbing inner layer overlay, 0.375" clear polycarbonate environmental side.	1,238.80	51.72
26 55 63 00-0029		Ultimax Surface Luminaire *(26 55 63)* Note: Failsafe - FMR series.		
26 55 63 00-0030	EA	12" x 48", Two 32 Watt, T8 Fluorescent Lamps, 16 Gauge, Ultimax Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens and 0.250" clear tempered glass environmental side lens.	970.63	39.77
26 55 63 00-0031	EA	12" x 48", Three 32 Watt, T8 Fluorescent Lamps, 16 Gauge, Ultimax Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens and 0.250" clear tempered glass environmental side lens.	1,258.24	39.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 63 00-0032	EA	24" x 24", Two 17 Watt, T8 Fluorescent Lamps, 16 Gauge, Ultimax Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens and 0.250" clear tempered glass environmental side lens.	1,079.20	47.74
26 55 63 00-0033	EA	24" x 48", Two 32 Watt, T8 Fluorescent Lamps, 16 Gauge, Ultimax Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens and 0.250" clear tempered glass environmental side lens.	1,108.02	55.69
26 55 63 00-0034	EA	24" x 48", Three 32 Watt, T8 Fluorescent Lamps, 16 Gauge, Ultimax Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens and 0.250" clear tempered glass environmental side lens.	1,112.66	55.69
26 55 63 00-0035	EA	24" x 48", Four 32 Watt, T8 Fluorescent Lamps, 16 Gauge, Ultimax Surface Luminaire Note: Includes one electronic ballast for T8 lamps, 0.125" prismatic acrylic fixture side lens and 0.250" clear tempered glass environmental side lens.	1,117.30	55.69
26 55 63 00-0036		Maximum Security Wall Luminaire *(26 55 63)* Note: Failsafe - FMR series.		
26 55 63 00-0037	EA	10.5" x 48", 14 Gage, Maximum Security Wall Luminaire, Two 32 Watt Lamps Note: 1 up, 1 down, 1 electronic ballast for T8 lamps. 0.005" UV absorbing inner level overlay, 0.375" clear polycarbonate environmental side.	1,277.24	39.92
26 55 63 00-0038	EA	10.5" x 48", 14 Gage, Maximum Security Wall Luminaire, Three 32 Watt, T8 Lamps Note: 1 up, 2 down, 1 electronic ballast for T8 lamps. 0.005" UV absorbing inner level overlay, 0.375" clear polycarbonate environmental side.	1,277.24	39.92
26 55 63 00-0039	EA	10.5" x 48", 14 Gage, Maximum Security Wall Luminaire, Four 32 Watt, T8 Lamps Note: 2 up, 2 down, 1 electronic ballast for T8 lamps. 0.005" UV absorbing inner level overlay, 0.375" clear polycarbonate environmental side.	1,277.24	39.92
26 55 68		**Athletic Field Lighting** *(26 55)*		
26 55 68 00-0001		Sports Lighting System *(26 55 68)* Note: Musco.		
26 55 68 00-0002		Round Steel Tapered Poles *(26 55 68 00-0001)* Note: With Internal wiring harness.		
26 55 68 00-0003	EA	20' Steel Tapered Pole With Precast Concrete Foundation Sleeve	3,950.73	649.18
26 55 68 00-0004	EA	25' Steel Tapered Pole With Precast Concrete Foundation Sleeve	4,753.75	784.42
26 55 68 00-0005	EA	30' Steel Tapered Pole With Precast Concrete Foundation Sleeve	5,359.68	852.04
26 55 68 00-0006	EA	35' Steel Tapered Pole With Precast Concrete Foundation Sleeve	5,863.64	885.85
26 55 68 00-0007	EA	40' Steel Tapered Pole With Precast Concrete Foundation Sleeve	7,367.38	919.67
26 55 68 00-0008	EA	45' Steel Tapered Pole With Precast Concrete Foundation Sleeve	8,451.19	1,122.53
26 55 68 00-0009	EA	50' Steel Tapered Pole With Precast Concrete Foundation Sleeve	9,082.92	1,190.16
26 55 68 00-0010	EA	55' Steel Tapered Pole With Precast Concrete Foundation Sleeve	10,317.74	1,352.45
26 55 68 00-0011	EA	60' Steel Tapered Pole With Precast Concrete Foundation Sleeve	11,715.04	1,521.50
26 55 68 00-0012	EA	65' Steel Tapered Pole With Precast Concrete Foundation Sleeve	12,937.44	1,669.33
26 55 68 00-0013	EA	70' Steel Tapered Pole With Precast Concrete Foundation Sleeve	14,108.05	1,865.71
26 55 68 00-0014	EA	75' Steel Tapered Pole With Precast Concrete Foundation Sleeve	15,377.23	2,094.83
26 55 68 00-0015	EA	80' Steel Tapered Pole With Precast Concrete Foundation Sleeve	17,237.77	2,520.35
26 55 68 00-0016		Steel Pole Brackets *(26 55 68 00-0001)*		
26 55 68 00-0017	EA	Two Light Bracket	670.21	67.63
26 55 68 00-0018	EA	Three Light Bracket	842.07	94.67
26 55 68 00-0019	EA	Four Light Bracket	1,218.26	114.96
26 55 68 00-0020	EA	Five Light Bracket	1,386.18	135.24
26 55 68 00-0021	EA	Six Light Bracket	1,682.95	155.53
26 55 68 00-0022	EA	Seven Light Bracket	1,927.13	175.82
26 55 68 00-0023	EA	Eight Light Bracket	2,204.29	202.87
26 55 68 00-0024	EA	Nine Light Bracket	2,491.44	223.16
26 55 68 00-0025		Light Fixtures *(26 55 68 00-0001)*		
26 55 68 00-0026	EA	120 or 270 Volt, Sportlite Fixtures Complete with 1,000 Watt Metal Halide Lamp, Hook Cord And Plug	1,403.42	
		For 1,500 Watt Metal Halide Lamp, Add	*14.50*	
26 55 68 00-0027		Electrical Component Enclosure *(26 55 68 00-0001)* Note: Pole mounted NEMA 3R enclosure with thermal magnetic breaker and multiple ballasts to match total light fixtures. For light structures with more than 6 lights, use multiple enclosures.		
26 55 68 00-0028	EA	Electrical Component Enclosure For 2 Lights, Pole Mounted	976.86	78.62
26 55 68 00-0029	EA	Electrical Component Enclosure For 3 Lights, Pole Mounted	1,465.87	120.96
26 55 68 00-0030	EA	Electrical Component Enclosure For 4 Lights, Pole Mounted	1,681.88	151.19
26 55 68 00-0031	EA	Electrical Component Enclosure For 5 Lights, Pole Mounted	2,174.61	169.34
26 55 68 00-0032	EA	Electrical Component Enclosure For 6 Lights, Pole Mounted	2,445.27	181.43
26 55 68 00-0033		Accessories *(26 55 68 00-0001)*		
26 55 68 00-0034	EA	Time Delay Kit (Musco®)	996.15	242.30
26 55 68 00-0035	EA	Remote Switch Box Push Button (Musco®)	2,019.25	242.30
26 55 68 00-0036	EA	Push Button Strobe Kit (Musco®)	2,428.49	242.30
26 55 68 00-0037	EA	Additional Control-Link Unit (Musco®)	11,684.83	726.91
26 55 68 00-0038	EA	Auxiliary Brackets For Speakers Or Egress Fixtures, For New Installations (Musco®)	1,265.01	120.96
26 55 68 00-0039	EA	Auxiliary Brackets For Speakers Or Egress Fixtures, For Retrofit Applications (Musco®)	1,506.91	241.91

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SAN BERNARDINO COUNTY

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 70		**Healthcare Lighting** *(26 55)*		
26 55 70 00-0001		Surgical Lighting Fixtures *(26 55 70)*		
26 55 70 00-0002	EA	Surgical Lighting Fixture, 120 Volt, Max Va 126, 100 Volt Halogen	5,681.32	
26 55 70 00-0003	EA	Install Owner Furnished Surgical Lights	709.40	
26 55 70 00-0004		Patient Care Fluorescent Fixtures *(26 55 70)*		
26 55 70 00-0005		Ambient And Exam Combination, Patient Care Fluorescent Fixtures (Cooper Fail-Safe) *(26 55 70 00-0004)* Note: Includes ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.		
26 55 70 00-0006	EA	2' x 2', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE)	1,403.68	55.64
26 55 70 00-0007	EA	2' x 4', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE)	1,549.43	55.64
26 55 70 00-0008	EA	2' x 4', 2 Biax Ambient Lamps, 4 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR2)	1,260.19	55.64
26 55 70 00-0009		Reading, Ambient And Exam Combination, Patient Care Fluorescent Fixtures (Cooper Fail-Safe) *(26 55 70 00-0004)* Note: Includes reading, ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.		
26 55 70 00-0010	EA	2' x 4', 1 Biax Reading Lamp, 2 Biax Ambient Lamps, 3 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR)	1,392.68	55.64
26 55 70 00-0011		Multi-Function Patient Care Fluorescent Fixtures (Day-Brite MPC) *(26 55 70 00-0004)* Note: Includes reading, ambient, exam and nurses light, steel housing with baked enamel finish, acrylic diffuser and electronic ballasts.		
26 55 70 00-0012	EA	2' x 4', 6 40W T5 Lamps, Multi-Function Patient Care Fluorescent Fixture (Day-Brite MPC)	2,112.93	55.64
26 55 70 00-0013		Exam And Surgical Lighting Fixtures *(26 55 70)*		
26 55 70 00-0014	EA	Dual Intensity, K-arm, Ceiling Mounted, Exam Light (Burton PHL-NXC)	878.89	60.47
26 55 70 00-0015	EA	Ceiling Mounted, Spot Exam Light (Sunnex SNX-HM2017-44EXT)	1,509.77	60.47
26 55 70 00-0016	EA	Ceiling Mounted, LED Exam Light (Bovie BOV-XLDP-SC)	3,304.56	60.47
26 55 70 00-0017	EA	Two LED Series, Ceiling Mounted, Surgical Light With Monitor And Monitor Arm (Bovie BOV-XLDS-S2MA)	15,970.59	80.68
26 55 70 00-0018	EA	Two LED Series, Triple Ceiling Mounted, Surgical Light With Monitor And Monitor Arm (Bovie BOV-XLDS-S23MA)	23,075.76	120.96
26 55 70 00-0019	EA	Double Ceiling Mounted, Dual Spot Exam Lights (Burton PHL-CS316DC)	5,367.22	80.68
26 55 70 00-0020	EA	Double Ceiling Mounted, Dual Y Shape Lamp Heads (Burton PHL-A50DC)	5,762.57	80.68
26 55 70 00-0021	EA	Double Ceiling Mounted, Halogen Bulbs (Burton PHL-OP216DC)	4,871.98	80.68
26 55 70 00-0022	EA	360 Degree Rotation, 120 Volt, Double Ceiling Mounted, Surgical Light (Burton PHL-A100DC)	6,814.38	120.96
26 55 70 00-0023	EA	Double Ceiling Mounted, Spot Examination Lights (Burton PHL-CS316DT)	7,468.60	80.68
26 55 70 00-0024	EA	Double Ceiling Mounted, Y Shaped Examination Light (Burton PHL-OP216DT)	7,047.63	80.68
26 55 70 00-0025	EA	Double Ceiling Mounted, Examination/Spot Combination Light (Burton PHL-OC516CC)	5,134.55	96.76
26 55 70 00-0026	EA	Double Ceiling Mounted, LED Procedure Light (Bovie BOV-XLDP-DC)	6,788.75	80.68
26 55 70 00-0027	EA	Double Ceiling Mounted, LED Examination Light (Burton PHL-ALEDDC)	6,222.65	120.96
26 55 70 00-0028	EA	Two Monitor Arm, Ceiling Mounted, Exam Light (Bovie BOV-XLDS-MA)	7,085.58	80.68
26 55 70 00-0029	EA	360 Degree Rotation, 120 Volt, Single Ceiling Mounted Surgical Light (Burton PHL-A100SC)	3,813.22	69.06
26 55 70 00-0030	EA	360 Degree Rotation, Autoclavable Handle, Ceiling Mounted Surgical Light (Burton PHL-APXSC8)	11,205.99	69.06
26 55 70 00-0031	EA	Ceiling Mounted Surgical Light (Burton PHL-A200SC)	5,573.04	69.06
26 55 70 00-0032	EA	MRI Compatible, Ceiling Mounted Surgical Light (Sunnex SNX-CS2050C-MRI)	5,536.94	69.06
26 55 70 00-0033	EA	Ceiling Mounted LED Surgical Light (Bovie BOV-XLD-SC)	4,276.05	69.06
26 55 70 00-0034	EA	Ceiling Mounted LED Surgical Light With Battery Pack (Bovie BOV-XLD-SCB)	6,356.45	69.06
26 55 70 00-0035	EA	Ceiling Mounted Two LED Series Surgical Light (Bovie BOV-XLDS-S2)	9,838.02	69.06
26 55 70 00-0036	EA	Dual Ceiling Mounted LED Series Surgical Light And HD Video Camera Arm (Bovie BOV-XLDS-S2VC)	17,880.13	69.06
26 55 70 00-0037	EA	Medical Illumination, Single Trolley Shuttle Track, Ceiling Mounted Surgical Light (Medical Illumination MII-64011)	2,561.76	69.06
26 55 70 00-0038	EA	Double Ceiling Mounted, Surgical Light (Burton PHL-A200DC)	10,003.58	120.96
26 55 70 00-0039	EA	Double Ceiling Mounted, Surgical Light (Burton PHL-APXDC8)	21,822.80	120.96
26 55 70 00-0040	EA	Double Ceiling Mounted, LED Surgical Light (Bovie BOV-XLD-DC)	8,158.36	120.96
26 55 70 00-0041	EA	Double Ceiling Mounted, Autoclavable Handle, LED Surgical Light (Sunnex SNX-CSLED-D)	5,926.05	120.96
26 55 70 00-0042	EA	Triple Ceiling Mounted, LED Series Surgical Light (Bovie BOV-XLDS-S23)	25,652.41	138.25
26 55 70 00-0043	EA	Triple Ceiling Mounted, LED Series Surgical Light And Monitor Arm (Bovie BOV-XLDS-S23MA)	23,144.82	138.25
26 56		**Exterior Lighting** *(26 50)*		
26 56 13		**Lighting Poles and Standards** *(26 56)*		
26 56 13 00-0001		Poles And Standards *(26 56 13)* See CSI section 26 05 46 00-0001 for additional pole.		
26 56 13 00-0002		Roadway Light Poles *(26 56 13 00-0001)* Note: Excludes lighting fixtures.		
26 56 13 00-0003		Steel Roadway Light Poles *(26 56 13 00-0002)* Note: Includes prime painted finish, anchor bolts, steel base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0004		Round Tapered, Steel Roadway Light Poles *(26 56 13 00-0003)*		
26 56 13 00-0005		Round Tapered, Steel Roadway Light Poles With Upsweep Style Arms *(26 56 13 00-0004)*		
26 56 13 00-0006		Round Tapered, Steel Roadway Light Poles With Single Upsweep Style Arm *(26 56 13 00-0005)*		
26 56 13 00-0007	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,133.09	405.73
		For Galvanized Finish, Add	*69.65*	
		For >10 To 20, Deduct	*-78.33*	
		For >20 To 40, Deduct	*-156.65*	
		For >40, Deduct	*-255.27*	
26 56 13 00-0008	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,138.82	405.73
		For Galvanized Finish, Add	*69.82*	
		For >10 To 20, Deduct	*-78.47*	
		For >20 To 40, Deduct	*-156.94*	
		For >40, Deduct	*-255.70*	
26 56 13 00-0009	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,443.32	540.98
		For Galvanized Finish, Add	*70.84*	
		For >10 To 20, Deduct	*-86.08*	
		For >20 To 40, Deduct	*-172.17*	
		For >40, Deduct	*-285.30*	
26 56 13 00-0010	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,512.32	540.98
		For Galvanized Finish, Add	*72.91*	
		For >10 To 20, Deduct	*-87.81*	
		For >20 To 40, Deduct	*-175.62*	
		For >40, Deduct	*-290.47*	
26 56 13 00-0011	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,581.31	540.98
		For Galvanized Finish, Add	*74.98*	
		For >10 To 20, Deduct	*-89.53*	
		For >20 To 40, Deduct	*-179.07*	
		For >40, Deduct	*-295.65*	
26 56 13 00-0012	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,731.08	608.61
		For Galvanized Finish, Add	*75.42*	
		For >10 To 20, Deduct	*-93.28*	
		For >20 To 40, Deduct	*-186.55*	
		For >40, Deduct	*-310.26*	
26 56 13 00-0013	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,763.80	608.61
		For Galvanized Finish, Add	*76.40*	
		For >10 To 20, Deduct	*-94.10*	
		For >20 To 40, Deduct	*-188.19*	
		For >40, Deduct	*-312.72*	
26 56 13 00-0014	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,770.03	608.61
		For Galvanized Finish, Add	*76.58*	
		For >10 To 20, Deduct	*-94.25*	
		For >20 To 40, Deduct	*-188.50*	
		For >40, Deduct	*-313.18*	
26 56 13 00-0015	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,953.81	642.41
		For Galvanized Finish, Add	*80.07*	
		For >10 To 20, Deduct	*-98.85*	
		For >20 To 40, Deduct	*-197.69*	
		For >40, Deduct	*-328.66*	
26 56 13 00-0016	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,978.53	642.41
		For Galvanized Finish, Add	*80.81*	
		For >10 To 20, Deduct	*-99.46*	
		For >20 To 40, Deduct	*-198.93*	
		For >40, Deduct	*-330.51*	
26 56 13 00-0017	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,005.51	642.41
		For Galvanized Finish, Add	*81.62*	
		For >10 To 20, Deduct	*-100.14*	
		For >20 To 40, Deduct	*-200.28*	
		For >40, Deduct	*-332.53*	
26 56 13 00-0018	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,556.51	676.22
		For Galvanized Finish, Add	*96.12*	
		For >10 To 20, Deduct	*-113.91*	
		For >20 To 40, Deduct	*-227.83*	
		For >40, Deduct	*-375.55*	
26 56 13 00-0019	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,565.31	676.22
		For Galvanized Finish, Add	*96.39*	
		For >10 To 20, Deduct	*-114.13*	
		For >20 To 40, Deduct	*-228.27*	
		For >40, Deduct	*-376.21*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0020	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,574.01	676.22
		For Galvanized Finish, Add	*96.65*	
		For >10 To 20, Deduct	*-114.35*	
		For >20 To 40, Deduct	*-228.70*	
		For >40, Deduct	*-376.86*	
26 56 13 00-0021		Round Tapered, Steel Roadway Light Poles With Two Upsweep Style Arms *(26 56 13 00-0005)*		
26 56 13 00-0022	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,894.55	473.36
		For Galvanized Finish, Add	*88.44*	
		For >10 To 20, Deduct	*-97.36*	
		For >20 To 40, Deduct	*-194.73*	
		For >40, Deduct	*-315.76*	
26 56 13 00-0023	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,965.24	490.26
		For Galvanized Finish, Add	*89.54*	
		For >10 To 20, Deduct	*-99.13*	
		For >20 To 40, Deduct	*-198.26*	
		For >40, Deduct	*-321.91*	
26 56 13 00-0024	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,026.83	507.16
		For Galvanized Finish, Add	*90.37*	
		For >10 To 20, Deduct	*-100.67*	
		For >20 To 40, Deduct	*-201.34*	
		For >40, Deduct	*-327.37*	
26 56 13 00-0025	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,926.02	608.61
		For Galvanized Finish, Add	*81.26*	
		For >10 To 20, Deduct	*-98.15*	
		For >20 To 40, Deduct	*-196.30*	
		For >40, Deduct	*-324.88*	
26 56 13 00-0026	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,974.47	625.51
		For Galvanized Finish, Add	*81.70*	
		For >10 To 20, Deduct	*-99.36*	
		For >20 To 40, Deduct	*-198.72*	
		For >40, Deduct	*-329.36*	
26 56 13 00-0027	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,014.21	642.41
		For Galvanized Finish, Add	*81.88*	
		For >10 To 20, Deduct	*-100.36*	
		For >20 To 40, Deduct	*-200.71*	
		For >40, Deduct	*-333.19*	
26 56 13 00-0028	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,241.97	676.22
		For Galvanized Finish, Add	*86.69*	
		For >10 To 20, Deduct	*-106.05*	
		For >20 To 40, Deduct	*-212.10*	
		For >40, Deduct	*-351.96*	
26 56 13 00-0029	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,284.68	693.13
		For Galvanized Finish, Add	*86.95*	
		For >10 To 20, Deduct	*-107.12*	
		For >20 To 40, Deduct	*-214.23*	
		For >40, Deduct	*-356.01*	
26 56 13 00-0030	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,324.12	710.04
		For Galvanized Finish, Add	*87.12*	
		For >10 To 20, Deduct	*-108.10*	
		For >20 To 40, Deduct	*-216.21*	
		For >40, Deduct	*-359.81*	
26 56 13 00-0031	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,498.89	710.04
		For Galvanized Finish, Add	*92.36*	
		For >10 To 20, Deduct	*-112.47*	
		For >20 To 40, Deduct	*-224.94*	
		For >40, Deduct	*-372.92*	
26 56 13 00-0032	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,570.96	726.94
		For Galvanized Finish, Add	*93.51*	
		For >10 To 20, Deduct	*-114.27*	
		For >20 To 40, Deduct	*-228.55*	
		For >40, Deduct	*-379.17*	
26 56 13 00-0033	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,641.04	743.85
		For Galvanized Finish, Add	*94.60*	
		For >10 To 20, Deduct	*-116.03*	
		For >20 To 40, Deduct	*-232.05*	
		For >40, Deduct	*-385.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0034	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	5,067.59	743.85
		For Galvanized Finish, Add	*107.40*	
		For >10 To 20, Deduct	*-126.69*	
		For >20 To 40, Deduct	*-253.38*	
		For >40, Deduct	*-417.26*	
26 56 13 00-0035	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	5,107.13	760.75
		For Galvanized Finish, Add	*107.57*	
		For >10 To 20, Deduct	*-127.68*	
		For >20 To 40, Deduct	*-255.36*	
		For >40, Deduct	*-421.07*	
26 56 13 00-0036	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	5,146.88	777.65
		For Galvanized Finish, Add	*107.75*	
		For >10 To 20, Deduct	*-128.67*	
		For >20 To 40, Deduct	*-257.34*	
		For >40, Deduct	*-424.90*	
26 56 13 00-0037		Round Tapered, Steel Roadway Light Poles With Three Upsweep Style Arms *(26 56 13 00-0005)*		
26 56 13 00-0038	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,603.17	676.22
		For Galvanized Finish, Add	*97.52*	
		For >10 To 20, Deduct	*-115.08*	
		For >20 To 40, Deduct	*-230.16*	
		For >40, Deduct	*-379.05*	
26 56 13 00-0039	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,676.62	710.04
		For Galvanized Finish, Add	*97.70*	
		For >10 To 20, Deduct	*-116.92*	
		For >20 To 40, Deduct	*-233.83*	
		For >40, Deduct	*-386.25*	
26 56 13 00-0040	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,758.78	743.85
		For Galvanized Finish, Add	*98.13*	
		For >10 To 20, Deduct	*-118.97*	
		For >20 To 40, Deduct	*-237.94*	
		For >40, Deduct	*-394.10*	
26 56 13 00-0041	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,884.12	743.85
		For Galvanized Finish, Add	*101.89*	
		For >10 To 20, Deduct	*-122.10*	
		For >20 To 40, Deduct	*-244.21*	
		For >40, Deduct	*-403.50*	
26 56 13 00-0042	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,960.35	777.65
		For Galvanized Finish, Add	*102.15*	
		For >10 To 20, Deduct	*-124.01*	
		For >20 To 40, Deduct	*-248.02*	
		For >40, Deduct	*-410.91*	
26 56 13 00-0043	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	5,033.80	811.47
		For Galvanized Finish, Add	*102.33*	
		For >10 To 20, Deduct	*-125.85*	
		For >20 To 40, Deduct	*-251.69*	
		For >40, Deduct	*-418.11*	
26 56 13 00-0044	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,190.38	777.65
		For Galvanized Finish, Add	*109.05*	
		For >10 To 20, Deduct	*-129.76*	
		For >20 To 40, Deduct	*-259.52*	
		For >40, Deduct	*-428.16*	
26 56 13 00-0045	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,263.83	811.47
		For Galvanized Finish, Add	*109.23*	
		For >10 To 20, Deduct	*-131.60*	
		For >20 To 40, Deduct	*-263.19*	
		For >40, Deduct	*-435.36*	
26 56 13 00-0046	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	5,337.28	845.28
		For Galvanized Finish, Add	*109.40*	
		For >10 To 20, Deduct	*-133.43*	
		For >20 To 40, Deduct	*-266.86*	
		For >40, Deduct	*-442.56*	
26 56 13 00-0047	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,578.67	811.47
		For Galvanized Finish, Add	*118.67*	
		For >10 To 20, Deduct	*-139.47*	
		For >20 To 40, Deduct	*-278.93*	
		For >40, Deduct	*-458.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0048	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,651.82	845.28
		For Galvanized Finish, Add	*118.84*	
		For >10 To 20, Deduct	*-141.30*	
		For >20 To 40, Deduct	*-282.59*	
		For >40, Deduct	*-466.15*	
26 56 13 00-0049	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	5,731.12	879.09
		For Galvanized Finish, Add	*119.19*	
		For >10 To 20, Deduct	*-143.28*	
		For >20 To 40, Deduct	*-286.56*	
		For >40, Deduct	*-473.79*	

26 56 13 00-0050 Round Tapered, Steel Roadway Light Poles With Four Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0051	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,117.11	743.85
		For Galvanized Finish, Add	*108.88*	
		For >10 To 20, Deduct	*-127.93*	
		For >20 To 40, Deduct	*-255.86*	
		For >40, Deduct	*-420.98*	
26 56 13 00-0052	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,227.25	794.57
		For Galvanized Finish, Add	*109.14*	
		For >10 To 20, Deduct	*-130.68*	
		For >20 To 40, Deduct	*-261.36*	
		For >40, Deduct	*-431.77*	
26 56 13 00-0053	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,334.41	845.28
		For Galvanized Finish, Add	*109.32*	
		For >10 To 20, Deduct	*-133.36*	
		For >20 To 40, Deduct	*-266.72*	
		For >40, Deduct	*-442.34*	
26 56 13 00-0054	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,433.75	811.47
		For Galvanized Finish, Add	*114.32*	
		For >10 To 20, Deduct	*-135.84*	
		For >20 To 40, Deduct	*-271.69*	
		For >40, Deduct	*-448.10*	
26 56 13 00-0055	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,541.32	862.18
		For Galvanized Finish, Add	*114.51*	
		For >10 To 20, Deduct	*-138.53*	
		For >20 To 40, Deduct	*-277.07*	
		For >40, Deduct	*-458.71*	
26 56 13 00-0056	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,615.27	912.91
		For Galvanized Finish, Add	*113.68*	
		For >10 To 20, Deduct	*-140.38*	
		For >20 To 40, Deduct	*-280.76*	
		For >40, Deduct	*-466.79*	
26 56 13 00-0057	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,832.43	845.28
		For Galvanized Finish, Add	*124.26*	
		For >10 To 20, Deduct	*-145.81*	
		For >20 To 40, Deduct	*-291.62*	
		For >40, Deduct	*-479.70*	
26 56 13 00-0058	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,979.33	896.00
		For Galvanized Finish, Add	*125.62*	
		For >10 To 20, Deduct	*-149.48*	
		For >20 To 40, Deduct	*-298.97*	
		For >40, Deduct	*-493.25*	
26 56 13 00-0059	EA	35' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	6,050.02	946.71
		For Galvanized Finish, Add	*124.70*	
		For >10 To 20, Deduct	*-151.25*	
		For >20 To 40, Deduct	*-302.50*	
		For >40, Deduct	*-501.09*	
26 56 13 00-0060	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	6,089.45	879.09
		For Galvanized Finish, Add	*129.94*	
		For >10 To 20, Deduct	*-152.24*	
		For >20 To 40, Deduct	*-304.47*	
		For >40, Deduct	*-500.66*	
26 56 13 00-0061	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	6,196.62	929.81
		For Galvanized Finish, Add	*130.11*	
		For >10 To 20, Deduct	*-154.92*	
		For >20 To 40, Deduct	*-309.83*	
		For >40, Deduct	*-511.24*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0062	EA	40' High, 10.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	6,306.75	980.53
		For Galvanized Finish, Add	*130.37*	
		For >10 To 20, Deduct	*-157.67*	
		For >20 To 40, Deduct	*-315.34*	
		For >40, Deduct	*-522.03*	
26 56 13 00-0063		Round Tapered, Steel Roadway Light Poles With Davit Style Arm *(26 56 13 00-0004)*		
26 56 13 00-0064		Round Tapered, Steel Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0063)*		
26 56 13 00-0065	EA	25' High, 6.4" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,656.84	540.98
		For Galvanized Finish, Add	*77.25*	
		For >10 To 20, Deduct	*-91.42*	
		For >20 To 40, Deduct	*-182.84*	
		For >40, Deduct	*-301.31*	
26 56 13 00-0066	EA	30' High, 7.1" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,137.17	608.61
		For Galvanized Finish, Add	*87.60*	
		For >10 To 20, Deduct	*-103.43*	
		For >20 To 40, Deduct	*-206.86*	
		For >40, Deduct	*-340.72*	
26 56 13 00-0067	EA	35' High, 7.8" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,252.84	642.41
		For Galvanized Finish, Add	*89.04*	
		For >10 To 20, Deduct	*-106.32*	
		For >20 To 40, Deduct	*-212.64*	
		For >40, Deduct	*-351.08*	
26 56 13 00-0068	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	5,057.49	676.22
		For Galvanized Finish, Add	*111.15*	
		For >10 To 20, Deduct	*-126.44*	
		For >20 To 40, Deduct	*-252.87*	
		For >40, Deduct	*-413.12*	
26 56 13 00-0069		Round Tapered, Steel Roadway Light Poles With Truss Style Arms *(26 56 13 00-0004)*		
26 56 13 00-0070		Round Tapered, Steel Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0069)*		
26 56 13 00-0071	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,687.56	540.98
		For Galvanized Finish, Add	*108.17*	
		For >10 To 20, Deduct	*-117.19*	
		For >20 To 40, Deduct	*-234.38*	
		For >40, Deduct	*-378.62*	
26 56 13 00-0072	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,731.74	540.98
		For Galvanized Finish, Add	*109.49*	
		For >10 To 20, Deduct	*-118.29*	
		For >20 To 40, Deduct	*-236.59*	
		For >40, Deduct	*-381.93*	
26 56 13 00-0073	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,751.91	540.98
		For Galvanized Finish, Add	*110.10*	
		For >10 To 20, Deduct	*-118.80*	
		For >20 To 40, Deduct	*-237.60*	
		For >40, Deduct	*-383.44*	
26 56 13 00-0074	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,866.98	608.61
		For Galvanized Finish, Add	*109.49*	
		For >10 To 20, Deduct	*-121.67*	
		For >20 To 40, Deduct	*-243.35*	
		For >40, Deduct	*-395.45*	
26 56 13 00-0075	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,874.69	608.61
		For Galvanized Finish, Add	*109.72*	
		For >10 To 20, Deduct	*-121.87*	
		For >20 To 40, Deduct	*-243.73*	
		For >40, Deduct	*-396.03*	
26 56 13 00-0076	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,954.37	608.61
		For Galvanized Finish, Add	*112.12*	
		For >10 To 20, Deduct	*-123.86*	
		For >20 To 40, Deduct	*-247.72*	
		For >40, Deduct	*-402.01*	
26 56 13 00-0077	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,960.81	642.41
		For Galvanized Finish, Add	*110.28*	
		For >10 To 20, Deduct	*-124.02*	
		For >20 To 40, Deduct	*-248.04*	
		For >40, Deduct	*-404.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0078	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	5,007.47	642.41
		For Galvanized Finish, Add	*111.68*	
		For >10 To 20, Deduct	*-125.19*	
		For >20 To 40, Deduct	*-250.37*	
		For >40, Deduct	*-407.68*	
26 56 13 00-0079	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,252.12	642.41
		For Galvanized Finish, Add	*119.02*	
		For >10 To 20, Deduct	*-131.30*	
		For >20 To 40, Deduct	*-262.61*	
		For >40, Deduct	*-426.03*	
26 56 13 00-0080		Round Tapered, Steel Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0069)*		
26 56 13 00-0081	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,133.59	676.22
		For Galvanized Finish, Add	*143.43*	
		For >10 To 20, Deduct	*-153.34*	
		For >20 To 40, Deduct	*-306.68*	
		For >40, Deduct	*-493.83*	
26 56 13 00-0082	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,243.51	710.04
		For Galvanized Finish, Add	*144.70*	
		For >10 To 20, Deduct	*-156.09*	
		For >20 To 40, Deduct	*-312.18*	
		For >40, Deduct	*-503.77*	
26 56 13 00-0083	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,477.20	743.85
		For Galvanized Finish, Add	*149.69*	
		For >10 To 20, Deduct	*-161.93*	
		For >20 To 40, Deduct	*-323.86*	
		For >40, Deduct	*-522.98*	
26 56 13 00-0084	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,244.31	743.85
		For Galvanized Finish, Add	*142.70*	
		For >10 To 20, Deduct	*-156.11*	
		For >20 To 40, Deduct	*-312.22*	
		For >40, Deduct	*-505.52*	
26 56 13 00-0085	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,530.50	777.65
		For Galvanized Finish, Add	*149.26*	
		For >10 To 20, Deduct	*-163.26*	
		For >20 To 40, Deduct	*-326.53*	
		For >40, Deduct	*-528.67*	
26 56 13 00-0086	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,705.67	811.47
		For Galvanized Finish, Add	*152.48*	
		For >10 To 20, Deduct	*-167.64*	
		For >20 To 40, Deduct	*-335.28*	
		For >40, Deduct	*-543.50*	
26 56 13 00-0087	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,434.02	777.65
		For Galvanized Finish, Add	*146.36*	
		For >10 To 20, Deduct	*-160.85*	
		For >20 To 40, Deduct	*-321.70*	
		For >40, Deduct	*-521.43*	
26 56 13 00-0088	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,813.42	811.47
		For Galvanized Finish, Add	*155.71*	
		For >10 To 20, Deduct	*-170.34*	
		For >20 To 40, Deduct	*-340.67*	
		For >40, Deduct	*-551.58*	
26 56 13 00-0089	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	7,041.18	845.28
		For Galvanized Finish, Add	*160.52*	
		For >10 To 20, Deduct	*-176.03*	
		For >20 To 40, Deduct	*-352.06*	
		For >40, Deduct	*-570.35*	
26 56 13 00-0090		Aluminum Roadway Light Poles *(26 56 13 00-0002)*		
		Note: Includes satin finish, anchor bolts, cast aluminum base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).		
26 56 13 00-0091		Round Tapered, Aluminum Roadway Light Poles *(26 56 13 00-0090)*		
26 56 13 00-0092		Round Tapered, Aluminum Roadway Light Poles With Upsweep Style Arms *(26 56 13 00-0091)*		
26 56 13 00-0093		Round Tapered, Aluminum Roadway Light Poles With Single Upsweep Style Arm *(26 56 13 00-0092)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0094	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,650.47	405.73
		For >10 To 20, Deduct	*-66.26*	
		For >20 To 40, Deduct	*-132.52*	
		For >40, Deduct	*-219.07*	
26 56 13 00-0095	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,672.73	405.73
		For >10 To 20, Deduct	*-66.82*	
		For >20 To 40, Deduct	*-133.64*	
		For >40, Deduct	*-220.74*	
26 56 13 00-0096	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,256.99	540.98
		For >10 To 20, Deduct	*-81.42*	
		For >20 To 40, Deduct	*-162.85*	
		For >40, Deduct	*-271.32*	
26 56 13 00-0097	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,299.05	540.98
		For >10 To 20, Deduct	*-82.48*	
		For >20 To 40, Deduct	*-164.95*	
		For >40, Deduct	*-274.48*	
26 56 13 00-0098	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,337.74	540.98
		For >10 To 20, Deduct	*-83.44*	
		For >20 To 40, Deduct	*-166.89*	
		For >40, Deduct	*-277.38*	
26 56 13 00-0099	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,736.38	608.61
		For >10 To 20, Deduct	*-93.41*	
		For >20 To 40, Deduct	*-186.82*	
		For >40, Deduct	*-310.66*	
26 56 13 00-0100	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,771.88	608.61
		For >10 To 20, Deduct	*-94.30*	
		For >20 To 40, Deduct	*-188.59*	
		For >40, Deduct	*-313.32*	
26 56 13 00-0101	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,811.56	608.61
		For >10 To 20, Deduct	*-95.29*	
		For >20 To 40, Deduct	*-190.58*	
		For >40, Deduct	*-316.30*	
26 56 13 00-0102	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,365.49	642.41
		For >10 To 20, Deduct	*-109.14*	
		For >20 To 40, Deduct	*-218.27*	
		For >40, Deduct	*-359.53*	
26 56 13 00-0103	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,400.90	642.41
		For >10 To 20, Deduct	*-110.02*	
		For >20 To 40, Deduct	*-220.05*	
		For >40, Deduct	*-362.19*	
26 56 13 00-0104	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,430.55	642.41
		For >10 To 20, Deduct	*-110.76*	
		For >20 To 40, Deduct	*-221.53*	
		For >40, Deduct	*-364.41*	

26 56 13 00-0105 Round Tapered, Aluminum Roadway Light Poles With Two Upsweep Style Arms *(26 56 13 00-0092)*

26 56 13 00-0106	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,038.44	473.36
		For >10 To 20, Deduct	*-75.96*	
		For >20 To 40, Deduct	*-151.92*	
		For >40, Deduct	*-251.55*	
26 56 13 00-0107	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,256.59	473.36
		For >10 To 20, Deduct	*-81.41*	
		For >20 To 40, Deduct	*-162.83*	
		For >40, Deduct	*-267.91*	
26 56 13 00-0108	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,366.74	507.16
		For >10 To 20, Deduct	*-84.17*	
		For >20 To 40, Deduct	*-168.34*	
		For >40, Deduct	*-277.86*	
26 56 13 00-0109	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,633.01	608.61
		For >10 To 20, Deduct	*-90.83*	
		For >20 To 40, Deduct	*-181.65*	
		For >40, Deduct	*-302.91*	
26 56 13 00-0110	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,805.70	625.51
		For >10 To 20, Deduct	*-95.14*	
		For >20 To 40, Deduct	*-190.29*	
		For >40, Deduct	*-316.70*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0111	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,053.46	642.41
		For >10 To 20, Deduct	*-101.34*	
		For >20 To 40, Deduct	*-202.67*	
		For >40, Deduct	*-336.13*	
26 56 13 00-0112	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,188.87	676.22
		For >10 To 20, Deduct	*-104.72*	
		For >20 To 40, Deduct	*-209.44*	
		For >40, Deduct	*-347.98*	
26 56 13 00-0113	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,351.51	693.13
		For >10 To 20, Deduct	*-108.79*	
		For >20 To 40, Deduct	*-217.58*	
		For >40, Deduct	*-361.02*	
26 56 13 00-0114	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,549.36	710.04
		For >10 To 20, Deduct	*-113.73*	
		For >20 To 40, Deduct	*-227.47*	
		For >40, Deduct	*-376.70*	
26 56 13 00-0115	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,742.33	710.04
		For >10 To 20, Deduct	*-118.56*	
		For >20 To 40, Deduct	*-237.12*	
		For >40, Deduct	*-391.18*	
26 56 13 00-0116	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	5,177.79	726.94
		For >10 To 20, Deduct	*-129.44*	
		For >20 To 40, Deduct	*-258.89*	
		For >40, Deduct	*-424.68*	
26 56 13 00-0117	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	5,683.74	743.85
		For >10 To 20, Deduct	*-142.09*	
		For >20 To 40, Deduct	*-284.19*	
		For >40, Deduct	*-463.47*	

26 56 13 00-0118 Round Tapered, Aluminum Roadway Light Poles With Three Upsweep Style Arms *(26 56 13 00-0092)*

26 56 13 00-0119	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	3,524.87	540.98
		For >10 To 20, Deduct	*-88.12*	
		For >20 To 40, Deduct	*-176.24*	
		For >40, Deduct	*-291.41*	
26 56 13 00-0120	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	3,768.94	574.79
		For >10 To 20, Deduct	*-94.22*	
		For >20 To 40, Deduct	*-188.45*	
		For >40, Deduct	*-311.41*	
26 56 13 00-0121	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,289.32	676.22
		For >10 To 20, Deduct	*-107.23*	
		For >20 To 40, Deduct	*-214.47*	
		For >40, Deduct	*-355.51*	
26 56 13 00-0122	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,473.64	710.04
		For >10 To 20, Deduct	*-111.84*	
		For >20 To 40, Deduct	*-223.68*	
		For >40, Deduct	*-371.02*	
26 56 13 00-0123	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,685.14	743.85
		For >10 To 20, Deduct	*-117.13*	
		For >20 To 40, Deduct	*-234.26*	
		For >40, Deduct	*-388.58*	
26 56 13 00-0124	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,853.22	777.65
		For >10 To 20, Deduct	*-121.33*	
		For >20 To 40, Deduct	*-242.66*	
		For >40, Deduct	*-402.87*	
26 56 13 00-0125	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,062.16	777.65
		For >10 To 20, Deduct	*-126.55*	
		For >20 To 40, Deduct	*-253.11*	
		For >40, Deduct	*-418.55*	
26 56 13 00-0126	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,500.57	811.47
		For >10 To 20, Deduct	*-137.51*	
		For >20 To 40, Deduct	*-275.03*	
		For >40, Deduct	*-453.12*	
26 56 13 00-0127	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	10,971.21	845.28
		For >10 To 20, Deduct	*-274.28*	
		For >20 To 40, Deduct	*-548.56*	
		For >40, Deduct	*-865.10*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0128		Round Tapered, Aluminum Roadway Light Poles With Four Upsweep Style Arms *(26 56 13 00-0092)*		
26 56 13 00-0129	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	3,659.56	608.61
		For >10 To 20, Deduct	*-91.49*	
		For >20 To 40, Deduct	*-182.98*	
		For >40, Deduct	*-304.90*	
26 56 13 00-0130	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	3,793.13	608.61
		For >10 To 20, Deduct	*-94.83*	
		For >20 To 40, Deduct	*-189.66*	
		For >40, Deduct	*-314.91*	
26 56 13 00-0131	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,693.44	743.85
		For >10 To 20, Deduct	*-117.34*	
		For >20 To 40, Deduct	*-234.67*	
		For >40, Deduct	*-389.20*	
26 56 13 00-0132	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,079.64	794.57
		For >10 To 20, Deduct	*-126.99*	
		For >20 To 40, Deduct	*-253.98*	
		For >40, Deduct	*-420.70*	
26 56 13 00-0133	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,295.38	811.47
		For >10 To 20, Deduct	*-132.38*	
		For >20 To 40, Deduct	*-264.77*	
		For >40, Deduct	*-437.73*	
26 56 13 00-0134	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,652.01	862.18
		For >10 To 20, Deduct	*-141.30*	
		For >20 To 40, Deduct	*-282.60*	
		For >40, Deduct	*-467.01*	
26 56 13 00-0135	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,574.76	845.28
		For >10 To 20, Deduct	*-139.37*	
		For >20 To 40, Deduct	*-278.74*	
		For >40, Deduct	*-460.37*	
26 56 13 00-0136	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	6,330.10	896.00
		For >10 To 20, Deduct	*-158.25*	
		For >20 To 40, Deduct	*-316.51*	
		For >40, Deduct	*-519.56*	
26 56 13 00-0137	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	6,998.86	946.71
		For >10 To 20, Deduct	*-174.97*	
		For >20 To 40, Deduct	*-349.94*	
		For >40, Deduct	*-572.25*	
26 56 13 00-0138		Round Tapered, Aluminum Roadway Light Poles With Truss Style Arms *(26 56 13 00-0091)*		
26 56 13 00-0139		Round Tapered, Aluminum Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0138)*		
26 56 13 00-0140	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	3,875.04	540.98
		For >10 To 20, Deduct	*-96.88*	
		For >20 To 40, Deduct	*-193.75*	
		For >40, Deduct	*-317.68*	
26 56 13 00-0141	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	3,904.78	540.98
		For >10 To 20, Deduct	*-97.62*	
		For >20 To 40, Deduct	*-195.24*	
		For >40, Deduct	*-319.91*	
26 56 13 00-0142	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	3,980.79	540.98
		For >10 To 20, Deduct	*-99.52*	
		For >20 To 40, Deduct	*-199.04*	
		For >40, Deduct	*-325.61*	
26 56 13 00-0143	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,094.83	540.98
		For >10 To 20, Deduct	*-102.37*	
		For >20 To 40, Deduct	*-204.74*	
		For >40, Deduct	*-334.16*	
26 56 13 00-0144	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	4,362.92	608.61
		For >10 To 20, Deduct	*-109.07*	
		For >20 To 40, Deduct	*-218.15*	
		For >40, Deduct	*-357.65*	
26 56 13 00-0145	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,429.98	608.61
		For >10 To 20, Deduct	*-110.75*	
		For >20 To 40, Deduct	*-221.50*	
		For >40, Deduct	*-362.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0146	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,501.51	608.61
		For >10 To 20, Deduct	*-112.54*	
		For >20 To 40, Deduct	*-225.08*	
		For >40, Deduct	*-368.04*	
26 56 13 00-0147	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,932.98	608.61
		For >10 To 20, Deduct	*-123.32*	
		For >20 To 40, Deduct	*-246.65*	
		For >40, Deduct	*-400.40*	
26 56 13 00-0148	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	4,737.38	642.41
		For >10 To 20, Deduct	*-118.43*	
		For >20 To 40, Deduct	*-236.87*	
		For >40, Deduct	*-387.42*	
26 56 13 00-0149	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	5,291.02	642.41
		For >10 To 20, Deduct	*-132.28*	
		For >20 To 40, Deduct	*-264.55*	
		For >40, Deduct	*-428.95*	
26 56 13 00-0150	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	5,344.94	642.41
		For >10 To 20, Deduct	*-133.62*	
		For >20 To 40, Deduct	*-267.25*	
		For >40, Deduct	*-432.99*	
26 56 13 00-0151	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,687.27	642.41
		For >10 To 20, Deduct	*-142.18*	
		For >20 To 40, Deduct	*-284.36*	
		For >40, Deduct	*-458.67*	
26 56 13 00-0152	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,999.48	642.41
		For >10 To 20, Deduct	*-149.99*	
		For >20 To 40, Deduct	*-299.97*	
		For >40, Deduct	*-482.08*	

26 56 13 00-0153 Round Tapered, Aluminum Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0138)*

26 56 13 00-0154	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,024.89	676.22
		For >10 To 20, Deduct	*-125.62*	
		For >20 To 40, Deduct	*-251.24*	
		For >40, Deduct	*-410.68*	
26 56 13 00-0155	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,168.51	710.04
		For >10 To 20, Deduct	*-129.21*	
		For >20 To 40, Deduct	*-258.43*	
		For >40, Deduct	*-423.14*	
26 56 13 00-0156	EA	25' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,285.03	743.85
		For >10 To 20, Deduct	*-132.13*	
		For >20 To 40, Deduct	*-264.25*	
		For >40, Deduct	*-433.57*	
26 56 13 00-0157	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,415.32	743.85
		For >10 To 20, Deduct	*-135.38*	
		For >20 To 40, Deduct	*-270.77*	
		For >40, Deduct	*-443.34*	
26 56 13 00-0158	EA	30' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,879.11	777.65
		For >10 To 20, Deduct	*-146.98*	
		For >20 To 40, Deduct	*-293.96*	
		For >40, Deduct	*-479.82*	
26 56 13 00-0159	EA	30' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,728.37	811.47
		For >10 To 20, Deduct	*-168.21*	
		For >20 To 40, Deduct	*-336.42*	
		For >40, Deduct	*-545.20*	
26 56 13 00-0160	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,506.01	777.65
		For >10 To 20, Deduct	*-162.65*	
		For >20 To 40, Deduct	*-325.30*	
		For >40, Deduct	*-526.83*	
26 56 13 00-0161	EA	35' High, 10" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,637.31	811.47
		For >10 To 20, Deduct	*-165.93*	
		For >20 To 40, Deduct	*-331.87*	
		For >40, Deduct	*-538.37*	
26 56 13 00-0162	EA	35' High, 10" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	8,041.57	845.28
		For >10 To 20, Deduct	*-201.04*	
		For >20 To 40, Deduct	*-402.08*	
		For >40, Deduct	*-645.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0163		Round Tapered, Aluminum Roadway Light Poles With Davit Style Arm *(26 56 13 00-0091)*		
26 56 13 00-0164		Round Tapered, Aluminum Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0163)*		
26 56 13 00-0165	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	3,170.35	405.73
		For >10 To 20, Deduct	*-79.26*	
		For >20 To 40, Deduct	*-158.52*	
		For >40, Deduct	*-258.06*	
26 56 13 00-0166	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	3,254.38	405.73
		For >10 To 20, Deduct	*-81.36*	
		For >20 To 40, Deduct	*-162.72*	
		For >40, Deduct	*-264.37*	
26 56 13 00-0167	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	3,338.59	405.73
		For >10 To 20, Deduct	*-83.46*	
		For >20 To 40, Deduct	*-166.93*	
		For >40, Deduct	*-270.68*	
26 56 13 00-0168	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	3,784.44	540.98
		For >10 To 20, Deduct	*-94.61*	
		For >20 To 40, Deduct	*-189.22*	
		For >40, Deduct	*-310.88*	
26 56 13 00-0169	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	3,848.49	540.98
		For >10 To 20, Deduct	*-96.21*	
		For >20 To 40, Deduct	*-192.42*	
		For >40, Deduct	*-315.69*	
26 56 13 00-0170	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	3,918.47	540.98
		For >10 To 20, Deduct	*-97.96*	
		For >20 To 40, Deduct	*-195.92*	
		For >40, Deduct	*-320.93*	
26 56 13 00-0171	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,270.77	608.61
		For >10 To 20, Deduct	*-106.77*	
		For >20 To 40, Deduct	*-213.54*	
		For >40, Deduct	*-350.74*	
26 56 13 00-0172	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,357.72	608.61
		For >10 To 20, Deduct	*-108.94*	
		For >20 To 40, Deduct	*-217.89*	
		For >40, Deduct	*-357.26*	
26 56 13 00-0173	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,370.76	608.61
		For >10 To 20, Deduct	*-109.27*	
		For >20 To 40, Deduct	*-218.54*	
		For >40, Deduct	*-358.24*	
26 56 13 00-0174	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,647.79	642.41
		For >10 To 20, Deduct	*-116.19*	
		For >20 To 40, Deduct	*-232.39*	
		For >40, Deduct	*-380.71*	
26 56 13 00-0175	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,685.92	642.41
		For >10 To 20, Deduct	*-117.15*	
		For >20 To 40, Deduct	*-234.30*	
		For >40, Deduct	*-383.56*	
26 56 13 00-0176	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,775.34	642.41
		For >10 To 20, Deduct	*-119.38*	
		For >20 To 40, Deduct	*-238.77*	
		For >40, Deduct	*-390.27*	
26 56 13 00-0177		Area Light Poles *(26 56 13 00-0001)* Note: Excludes lighting fixtures.		
26 56 13 00-0178		Steel Area Light Poles *(26 56 13 00-0177)* Note: Includes powdercoat finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.		
26 56 13 00-0179		Round Straight, Steel Area Light Poles *(26 56 13 00-0178)*		
26 56 13 00-0180		Round Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0179)*		
26 56 13 00-0181	EA	10' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,402.45	236.68
		For Galvanized Finish, Add	*27.87*	
		For >10 To 20, Deduct	*-49.00*	
		For >20 To 40, Deduct	*-88.70*	
		For >40, Deduct	*-186.70*	
26 56 13 00-0182	EA	12' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,521.55	270.49
		For Galvanized Finish, Add	*29.42*	
		For >10 To 20, Deduct	*-52.75*	
		For >20 To 40, Deduct	*-95.69*	
		For >40, Deduct	*-201.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0183	EA	14' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,699.85	304.30
		For Galvanized Finish, Add	*32.74*	
		For >10 To 20, Deduct	*-58.86*	
		For >20 To 40, Deduct	*-106.82*	
		For >40, Deduct	*-224.55*	
26 56 13 00-0184	EA	16' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,883.27	338.12
		For Galvanized Finish, Add	*36.21*	
		For >10 To 20, Deduct	*-65.19*	
		For >20 To 40, Deduct	*-118.30*	
		For >40, Deduct	*-248.68*	
26 56 13 00-0185	EA	18' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,002.37	371.92
		For Galvanized Finish, Add	*37.76*	
		For >10 To 20, Deduct	*-68.94*	
		For >20 To 40, Deduct	*-125.29*	
		For >40, Deduct	*-263.16*	
26 56 13 00-0186	EA	20' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,108.60	405.73
		For Galvanized Finish, Add	*38.91*	
		For >10 To 20, Deduct	*-72.17*	
		For >20 To 40, Deduct	*-131.37*	
		For >40, Deduct	*-275.72*	
26 56 13 00-0187	EA	10' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,469.37	236.68
		For Galvanized Finish, Add	*29.88*	
		For >10 To 20, Deduct	*-51.67*	
		For >20 To 40, Deduct	*-93.39*	
		For >40, Deduct	*-196.74*	
26 56 13 00-0188	EA	12' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,591.04	270.49
		For Galvanized Finish, Add	*31.50*	
		For >10 To 20, Deduct	*-55.53*	
		For >20 To 40, Deduct	*-100.55*	
		For >40, Deduct	*-211.61*	
26 56 13 00-0189	EA	14' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,838.82	304.30
		For Galvanized Finish, Add	*36.91*	
		For >10 To 20, Deduct	*-64.42*	
		For >20 To 40, Deduct	*-116.55*	
		For >40, Deduct	*-245.39*	
26 56 13 00-0190	EA	16' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,973.35	338.12
		For Galvanized Finish, Add	*38.91*	
		For >10 To 20, Deduct	*-68.79*	
		For >20 To 40, Deduct	*-124.61*	
		For >40, Deduct	*-262.19*	
26 56 13 00-0191	EA	18' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,100.17	371.92
		For Galvanized Finish, Add	*40.69*	
		For >10 To 20, Deduct	*-72.85*	
		For >20 To 40, Deduct	*-132.13*	
		For >40, Deduct	*-277.83*	
26 56 13 00-0192	EA	20' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,201.25	405.73
		For Galvanized Finish, Add	*41.69*	
		For >10 To 20, Deduct	*-75.88*	
		For >20 To 40, Deduct	*-137.86*	
		For >40, Deduct	*-289.61*	
26 56 13 00-0193	EA	25' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,566.97	540.98
		For Galvanized Finish, Add	*44.55*	
		For >10 To 20, Deduct	*-86.45*	
		For >20 To 40, Deduct	*-158.05*	
		For >40, Deduct	*-330.95*	
26 56 13 00-0194	EA	10' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,469.37	236.68
		For Galvanized Finish, Add	*29.88*	
		For >10 To 20, Deduct	*-51.67*	
		For >20 To 40, Deduct	*-93.39*	
		For >40, Deduct	*-196.74*	
26 56 13 00-0195	EA	12' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,598.76	270.49
		For Galvanized Finish, Add	*31.73*	
		For >10 To 20, Deduct	*-55.84*	
		For >20 To 40, Deduct	*-101.09*	
		For >40, Deduct	*-212.77*	
26 56 13 00-0196	EA	14' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,880.00	304.30
		For Galvanized Finish, Add	*38.14*	
		For >10 To 20, Deduct	*-66.07*	
		For >20 To 40, Deduct	*-119.43*	
		For >40, Deduct	*-251.57*	
26 56 13 00-0197	EA	16' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,981.07	338.12
		For Galvanized Finish, Add	*39.15*	
		For >10 To 20, Deduct	*-69.10*	
		For >20 To 40, Deduct	*-125.15*	
		For >40, Deduct	*-263.35*	
26 56 13 00-0198	EA	18' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,100.17	371.92
		For Galvanized Finish, Add	*40.69*	
		For >10 To 20, Deduct	*-72.85*	
		For >20 To 40, Deduct	*-132.13*	
		For >40, Deduct	*-277.83*	
26 56 13 00-0199	EA	20' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,201.25	405.73
		For Galvanized Finish, Add	*41.69*	
		For >10 To 20, Deduct	*-75.88*	
		For >20 To 40, Deduct	*-137.86*	
		For >40, Deduct	*-289.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0200	EA	25' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,639.03	540.98
		For Galvanized Finish, Add	*46.71*	
		For >10 To 20, Deduct	*-89.33*	
		For >20 To 40, Deduct	*-163.09*	
		For >40, Deduct	*-341.76*	
26 56 13 00-0201	EA	30' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,908.10	608.61
		For Galvanized Finish, Add	*50.73*	
		For >10 To 20, Deduct	*-98.07*	
		For >20 To 40, Deduct	*-179.22*	
		For >40, Deduct	*-375.36*	
26 56 13 00-0202	EA	20' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,365.97	405.73
		For Galvanized Finish, Add	*46.64*	
		For >10 To 20, Deduct	*-82.47*	
		For >20 To 40, Deduct	*-149.39*	
		For >40, Deduct	*-314.32*	
26 56 13 00-0203	EA	25' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,672.49	540.98
		For Galvanized Finish, Add	*47.72*	
		For >10 To 20, Deduct	*-90.67*	
		For >20 To 40, Deduct	*-165.44*	
		For >40, Deduct	*-346.78*	
26 56 13 00-0204	EA	30' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,972.44	608.61
		For Galvanized Finish, Add	*52.66*	
		For >10 To 20, Deduct	*-100.64*	
		For >20 To 40, Deduct	*-183.73*	
		For >40, Deduct	*-385.01*	

26 56 13 00-0205 Round Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0206 Round Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0205)*

26 56 13 00-0207	EA	20' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,947.62	405.73
		For Galvanized Finish, Add	*64.08*	
		For >10 To 20, Deduct	*-105.73*	
		For >20 To 40, Deduct	*-190.10*	
		For >40, Deduct	*-401.57*	
26 56 13 00-0208	EA	20' High, 6.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,027.40	405.73
		For Galvanized Finish, Add	*66.48*	
		For >10 To 20, Deduct	*-108.92*	
		For >20 To 40, Deduct	*-195.69*	
		For >40, Deduct	*-413.54*	
26 56 13 00-0209	EA	25' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,472.90	540.98
		For Galvanized Finish, Add	*71.73*	
		For >10 To 20, Deduct	*-122.69*	
		For >20 To 40, Deduct	*-221.46*	
		For >40, Deduct	*-466.84*	
26 56 13 00-0210	EA	25' High, 7.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,637.61	540.98
		For Galvanized Finish, Add	*76.67*	
		For >10 To 20, Deduct	*-129.28*	
		For >20 To 40, Deduct	*-232.99*	
		For >40, Deduct	*-491.54*	
26 56 13 00-0211	EA	30' High, 6.60" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,865.51	608.61
		For Galvanized Finish, Add	*79.45*	
		For >10 To 20, Deduct	*-136.36*	
		For >20 To 40, Deduct	*-246.24*	
		For >40, Deduct	*-518.97*	
26 56 13 00-0212	EA	30' High, 8.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,140.89	608.61
		For Galvanized Finish, Add	*87.71*	
		For >10 To 20, Deduct	*-147.38*	
		For >20 To 40, Deduct	*-265.52*	
		For >40, Deduct	*-560.27*	
26 56 13 00-0213	EA	35' High, 7.30" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,265.14	642.41
		For Galvanized Finish, Add	*89.41*	
		For >10 To 20, Deduct	*-151.33*	
		For >20 To 40, Deduct	*-272.86*	
		For >40, Deduct	*-575.53*	
26 56 13 00-0214	EA	35' High, 8.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,435.00	642.41
		For Galvanized Finish, Add	*94.51*	
		For >10 To 20, Deduct	*-158.13*	
		For >20 To 40, Deduct	*-284.75*	
		For >40, Deduct	*-601.01*	
26 56 13 00-0215	EA	35' High, 9.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,841.64	642.41
		For Galvanized Finish, Add	*106.70*	
		For >10 To 20, Deduct	*-174.39*	
		For >20 To 40, Deduct	*-313.22*	
		For >40, Deduct	*-662.00*	
26 56 13 00-0216	EA	39' High, 7.82" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,878.38	676.22
		For Galvanized Finish, Add	*105.78*	
		For >10 To 20, Deduct	*-174.85*	
		For >20 To 40, Deduct	*-314.44*	
		For >40, Deduct	*-664.13*	
26 56 13 00-0217	EA	39' High, 9.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,950.44	676.22
		For Galvanized Finish, Add	*107.94*	
		For >10 To 20, Deduct	*-177.73*	
		For >20 To 40, Deduct	*-319.48*	
		For >40, Deduct	*-674.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0218	EA	45' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,743.39	879.09
		For Galvanized Finish, Add	*149.56*	
		For >10 To 20, Deduct	*-243.36*	
		For >20 To 40, Deduct	*-436.87*	
		For >40, Deduct	*-923.60*	
26 56 13 00-0219	EA	50' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,998.44	1,014.34
		For Galvanized Finish, Add	*149.09*	
		For >10 To 20, Deduct	*-249.51*	
		For >20 To 40, Deduct	*-449.32*	
		For >40, Deduct	*-948.33*	
26 56 13 00-0220	EA	25' High, 7.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,754.59	540.98
		For Galvanized Finish, Add	*110.18*	
		For >10 To 20, Deduct	*-173.95*	
		For >20 To 40, Deduct	*-311.18*	
		For >40, Deduct	*-659.09*	
26 56 13 00-0221	EA	30' High, 8.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	5,399.41	608.61
		For Galvanized Finish, Add	*125.47*	
		For >10 To 20, Deduct	*-197.72*	
		For >20 To 40, Deduct	*-353.61*	
		For >40, Deduct	*-749.05*	
26 56 13 00-0222	EA	39' High, 9.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,265.59	676.22
		For Galvanized Finish, Add	*147.39*	
		For >10 To 20, Deduct	*-230.34*	
		For >20 To 40, Deduct	*-411.54*	
		For >40, Deduct	*-872.22*	
26 56 13 00-0223	EA	45' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	7,546.37	879.09
		For Galvanized Finish, Add	*173.65*	
		For >10 To 20, Deduct	*-275.48*	
		For >20 To 40, Deduct	*-493.08*	
		For >40, Deduct	*-1,044.05*	
26 56 13 00-0224	EA	50' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	8,810.30	1,014.34
		For Galvanized Finish, Add	*203.45*	
		For >10 To 20, Deduct	*-321.98*	
		For >20 To 40, Deduct	*-576.15*	
		For >40, Deduct	*-1,220.11*	
26 56 13 00-0225	EA	50' High, 11.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	9,857.78	1,014.34
		For Galvanized Finish, Add	*234.87*	
		For >10 To 20, Deduct	*-363.88*	
		For >20 To 40, Deduct	*-649.47*	
		For >40, Deduct	*-1,377.23*	
26 56 13 00-0226	EA	50' High, 13.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	13,357.98	1,014.34
		For Galvanized Finish, Add	*339.88*	
		For >10 To 20, Deduct	*-503.89*	
		For >20 To 40, Deduct	*-894.49*	
		For >40, Deduct	*-1,902.26*	
26 56 13 00-0227	EA	50' High, 13.00" Base OD, 3 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	15,056.60	1,014.34
		For Galvanized Finish, Add	*390.84*	
		For >10 To 20, Deduct	*-571.83*	
		For >20 To 40, Deduct	*-1,013.39*	
		For >40, Deduct	*-2,157.06*	

26 56 13 00-0228 Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0229 Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0228)*

26 56 13 00-0230	EA	10' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,381.87	236.68
		For Galvanized Finish, Add	*27.26*	
		For >10 To 20, Deduct	*-48.17*	
		For >20 To 40, Deduct	*-87.26*	
		For >40, Deduct	*-183.61*	
26 56 13 00-0231	EA	12' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,449.49	270.49
		For Galvanized Finish, Add	*27.26*	
		For >10 To 20, Deduct	*-49.86*	
		For >20 To 40, Deduct	*-90.64*	
		For >40, Deduct	*-190.37*	
26 56 13 00-0232	EA	14' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,560.87	304.30
		For Galvanized Finish, Add	*28.57*	
		For >10 To 20, Deduct	*-53.31*	
		For >20 To 40, Deduct	*-97.09*	
		For >40, Deduct	*-203.70*	
26 56 13 00-0233	EA	15' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,656.44	321.20
		For Galvanized Finish, Add	*30.42*	
		For >10 To 20, Deduct	*-56.62*	
		For >20 To 40, Deduct	*-103.10*	
		For >40, Deduct	*-216.35*	
26 56 13 00-0234	EA	16' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,690.25	338.12
		For Galvanized Finish, Add	*30.42*	
		For >10 To 20, Deduct	*-57.47*	
		For >20 To 40, Deduct	*-104.79*	
		For >40, Deduct	*-219.73*	
26 56 13 00-0235	EA	18' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,786.19	371.92
		For Galvanized Finish, Add	*31.27*	
		For >10 To 20, Deduct	*-60.29*	
		For >20 To 40, Deduct	*-110.16*	
		For >40, Deduct	*-230.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0236	EA	20' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,876.97	405.73
		For Galvanized Finish, Add	*31.97*	
		For >10 To 20, Deduct	*-62.91*	
		For >20 To 40, Deduct	*-115.16*	
		For >40, Deduct	*-240.97*	
26 56 13 00-0237	EA	25' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,301.88	540.98
		For Galvanized Finish, Add	*36.60*	
		For >10 To 20, Deduct	*-75.85*	
		For >20 To 40, Deduct	*-139.49*	
		For >40, Deduct	*-291.18*	
26 56 13 00-0238	EA	20' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,224.41	405.73
		For Galvanized Finish, Add	*42.39*	
		For >10 To 20, Deduct	*-76.80*	
		For >20 To 40, Deduct	*-139.48*	
		For >40, Deduct	*-293.09*	
26 56 13 00-0239	EA	25' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,780.58	540.98
		For Galvanized Finish, Add	*50.96*	
		For >10 To 20, Deduct	*-94.99*	
		For >20 To 40, Deduct	*-173.00*	
		For >40, Deduct	*-362.99*	
26 56 13 00-0240	EA	30' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,196.35	608.61
		For Galvanized Finish, Add	*59.37*	
		For >10 To 20, Deduct	*-109.60*	
		For >20 To 40, Deduct	*-199.40*	
		For >40, Deduct	*-418.59*	
26 56 13 00-0241	EA	20' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,129.19	405.73
		For Galvanized Finish, Add	*39.53*	
		For >10 To 20, Deduct	*-73.00*	
		For >20 To 40, Deduct	*-132.81*	
		For >40, Deduct	*-278.81*	
26 56 13 00-0242	EA	25' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,595.28	540.98
		For Galvanized Finish, Add	*45.40*	
		For >10 To 20, Deduct	*-87.58*	
		For >20 To 40, Deduct	*-160.03*	
		For >40, Deduct	*-335.19*	
26 56 13 00-0243	EA	30' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,036.78	608.61
		For Galvanized Finish, Add	*54.59*	
		For >10 To 20, Deduct	*-103.21*	
		For >20 To 40, Deduct	*-188.23*	
		For >40, Deduct	*-394.66*	
26 56 13 00-0244	EA	20' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,456.05	405.73
		For Galvanized Finish, Add	*49.34*	
		For >10 To 20, Deduct	*-86.07*	
		For >20 To 40, Deduct	*-155.69*	
		For >40, Deduct	*-327.83*	
26 56 13 00-0245	EA	25' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,012.21	540.98
		For Galvanized Finish, Add	*57.91*	
		For >10 To 20, Deduct	*-104.26*	
		For >20 To 40, Deduct	*-189.22*	
		For >40, Deduct	*-397.73*	
26 56 13 00-0246	EA	30' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,415.11	608.61
		For Galvanized Finish, Add	*65.94*	
		For >10 To 20, Deduct	*-118.35*	
		For >20 To 40, Deduct	*-214.71*	
		For >40, Deduct	*-451.41*	
26 56 13 00-0247	EA	35' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,801.88	642.41
		For Galvanized Finish, Add	*75.51*	
		For >10 To 20, Deduct	*-132.80*	
		For >20 To 40, Deduct	*-240.44*	
		For >40, Deduct	*-506.04*	
26 56 13 00-0248	EA	30' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,922.13	608.61
		For Galvanized Finish, Add	*81.15*	
		For >10 To 20, Deduct	*-138.63*	
		For >20 To 40, Deduct	*-250.21*	
		For >40, Deduct	*-527.46*	
26 56 13 00-0249	EA	35' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	4,311.47	642.41
		For Galvanized Finish, Add	*90.80*	
		For >10 To 20, Deduct	*-153.19*	
		For >20 To 40, Deduct	*-276.11*	
		For >40, Deduct	*-582.48*	
26 56 13 00-0250	EA	40' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	4,561.82	676.22
		For Galvanized Finish, Add	*96.28*	
		For >10 To 20, Deduct	*-162.19*	
		For >20 To 40, Deduct	*-292.28*	
		For >40, Deduct	*-616.65*	

26 56 13 00-0251 Hinged, Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0252 Hinged, Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0251)*

26 56 13 00-0253	EA	20' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,079.15	405.73
		For Galvanized Finish, Add	*128.03*	
		For >10 To 20, Deduct	*-190.99*	
		For >20 To 40, Deduct	*-339.31*	
		For >40, Deduct	*-721.30*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0254	EA	25' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,639.81	540.98
		For Galvanized Finish, Add	*136.74*	
		For >10 To 20, Deduct	*-209.36*	
		For >20 To 40, Deduct	*-373.15*	
		For >40, Deduct	*-791.87*	
26 56 13 00-0255	EA	30' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	7,943.11	608.61
		For Galvanized Finish, Add	*201.78*	
		For >10 To 20, Deduct	*-299.47*	
		For >20 To 40, Deduct	*-531.67*	
		For >40, Deduct	*-1,130.61*	
26 56 13 00-0256	EA	20' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,183.18	405.73
		For Galvanized Finish, Add	*131.15*	
		For >10 To 20, Deduct	*-195.16*	
		For >20 To 40, Deduct	*-346.59*	
		For >40, Deduct	*-736.90*	
26 56 13 00-0257	EA	25' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,244.79	540.98
		For Galvanized Finish, Add	*154.88*	
		For >10 To 20, Deduct	*-233.56*	
		For >20 To 40, Deduct	*-415.50*	
		For >40, Deduct	*-882.62*	
26 56 13 00-0258	EA	30' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	8,843.73	608.61
		For Galvanized Finish, Add	*228.80*	
		For >10 To 20, Deduct	*-335.49*	
		For >20 To 40, Deduct	*-594.72*	
		For >40, Deduct	*-1,265.70*	
26 56 13 00-0259	EA	35' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	10,167.85	642.41
		For Galvanized Finish, Add	*266.49*	
		For >10 To 20, Deduct	*-387.44*	
		For >20 To 40, Deduct	*-686.05*	
		For >40, Deduct	*-1,460.94*	
26 56 13 00-0260	EA	39' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	11,979.23	676.22
		For Galvanized Finish, Add	*318.80*	
		For >10 To 20, Deduct	*-458.88*	
		For >20 To 40, Deduct	*-811.50*	
		For >40, Deduct	*-1,729.26*	
26 56 13 00-0261	EA	20' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,914.91	405.73
		For Galvanized Finish, Add	*123.10*	
		For >10 To 20, Deduct	*-184.42*	
		For >20 To 40, Deduct	*-327.81*	
		For >40, Deduct	*-696.66*	
26 56 13 00-0262	EA	25' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,377.02	540.98
		For Galvanized Finish, Add	*128.85*	
		For >10 To 20, Deduct	*-198.85*	
		For >20 To 40, Deduct	*-354.75*	
		For >40, Deduct	*-752.46*	
26 56 13 00-0263	EA	30' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	7,480.48	608.61
		For Galvanized Finish, Add	*187.90*	
		For >10 To 20, Deduct	*-280.96*	
		For >20 To 40, Deduct	*-499.29*	
		For >40, Deduct	*-1,061.21*	
26 56 13 00-0264	EA	20' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,103.79	405.73
		For Galvanized Finish, Add	*128.77*	
		For >10 To 20, Deduct	*-191.98*	
		For >20 To 40, Deduct	*-341.04*	
		For >40, Deduct	*-725.00*	
26 56 13 00-0265	EA	25' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,998.42	540.98
		For Galvanized Finish, Add	*147.49*	
		For >10 To 20, Deduct	*-223.71*	
		For >20 To 40, Deduct	*-398.25*	
		For >40, Deduct	*-845.67*	
26 56 13 00-0266	EA	30' High, 6.44" OD, 7 Gauge, Hinged Square Straight, Steel Area Light Pole, Anchor Base	8,501.55	608.61
		For Galvanized Finish, Add	*218.53*	
		For >10 To 20, Deduct	*-321.80*	
		For >20 To 40, Deduct	*-570.76*	
		For >40, Deduct	*-1,214.37*	
26 56 13 00-0267	EA	20' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,393.96	405.73
		For Galvanized Finish, Add	*137.47*	
		For >10 To 20, Deduct	*-203.59*	
		For >20 To 40, Deduct	*-361.35*	
		For >40, Deduct	*-768.52*	
26 56 13 00-0268	EA	25' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,521.27	540.98
		For Galvanized Finish, Add	*163.18*	
		For >10 To 20, Deduct	*-244.62*	
		For >20 To 40, Deduct	*-434.85*	
		For >40, Deduct	*-924.09*	
26 56 13 00-0269	EA	30' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	9,117.48	608.61
		For Galvanized Finish, Add	*237.01*	
		For >10 To 20, Deduct	*-346.44*	
		For >20 To 40, Deduct	*-613.88*	
		For >40, Deduct	*-1,306.76*	
26 56 13 00-0270	EA	35' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	10,501.82	642.41
		For Galvanized Finish, Add	*276.51*	
		For >10 To 20, Deduct	*-400.80*	
		For >20 To 40, Deduct	*-709.43*	
		For >40, Deduct	*-1,511.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0271	EA	39' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	12,157.16	676.22
		For Galvanized Finish, Add	*324.14*	
		For >10 To 20, Deduct	*-466.00*	
		For >20 To 40, Deduct	*-823.95*	
		For >40, Deduct	*-1,755.95*	
26 56 13 00-0272		Square Tapered, Steel Area Light Poles *(26 56 13 00-0178)*		
26 56 13 00-0273		Square Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0272)*		
26 56 13 00-0274	EA	20' High, 5.25" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,814.94	405.73
		For Galvanized Finish, Add	*90.10*	
		For >10 To 20, Deduct	*-140.43*	
		For >20 To 40, Deduct	*-250.82*	
		For >40, Deduct	*-531.67*	
26 56 13 00-0275	EA	25' High, 6.00" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,615.61	540.98
		For Galvanized Finish, Add	*106.01*	
		For >10 To 20, Deduct	*-168.40*	
		For >20 To 40, Deduct	*-301.45*	
		For >40, Deduct	*-638.24*	
26 56 13 00-0276	EA	30' High, 6.41" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,134.33	608.61
		For Galvanized Finish, Add	*117.51*	
		For >10 To 20, Deduct	*-187.12*	
		For >20 To 40, Deduct	*-335.06*	
		For >40, Deduct	*-709.29*	
26 56 13 00-0277	EA	35' High, 6.81" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,708.97	642.41
		For Galvanized Finish, Add	*132.72*	
		For >10 To 20, Deduct	*-209.09*	
		For >20 To 40, Deduct	*-373.93*	
		For >40, Deduct	*-792.10*	
26 56 13 00-0278	EA	39' High, 7.18" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,018.51	676.22
		For Galvanized Finish, Add	*139.98*	
		For >10 To 20, Deduct	*-220.45*	
		For >20 To 40, Deduct	*-394.25*	
		For >40, Deduct	*-835.15*	
26 56 13 00-0279	EA	20' High, 5.50" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,970.52	405.73
		For Galvanized Finish, Add	*124.77*	
		For >10 To 20, Deduct	*-186.65*	
		For >20 To 40, Deduct	*-331.71*	
		For >40, Deduct	*-705.00*	
26 56 13 00-0280	EA	25' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,521.54	540.98
		For Galvanized Finish, Add	*133.19*	
		For >10 To 20, Deduct	*-204.63*	
		For >20 To 40, Deduct	*-364.87*	
		For >40, Deduct	*-774.13*	
26 56 13 00-0281	EA	30' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,875.54	608.61
		For Galvanized Finish, Add	*139.75*	
		For >10 To 20, Deduct	*-216.76*	
		For >20 To 40, Deduct	*-386.94*	
		For >40, Deduct	*-820.47*	
26 56 13 00-0282	EA	30' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,554.99	608.61
		For Galvanized Finish, Add	*160.13*	
		For >10 To 20, Deduct	*-243.94*	
		For >20 To 40, Deduct	*-434.51*	
		For >40, Deduct	*-922.39*	
26 56 13 00-0283	EA	35' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	7,111.62	642.41
		For Galvanized Finish, Add	*174.80*	
		For >10 To 20, Deduct	*-265.19*	
		For >20 To 40, Deduct	*-472.12*	
		For >40, Deduct	*-1,002.50*	
26 56 13 00-0284	EA	35' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	7,953.21	642.41
		For Galvanized Finish, Add	*200.05*	
		For >10 To 20, Deduct	*-298.86*	
		For >20 To 40, Deduct	*-531.03*	
		For >40, Deduct	*-1,128.74*	
26 56 13 00-0285	EA	39' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	7,217.84	676.22
		For Galvanized Finish, Add	*175.96*	
		For >10 To 20, Deduct	*-268.43*	
		For >20 To 40, Deduct	*-478.20*	
		For >40, Deduct	*-1,015.05*	
26 56 13 00-0286	EA	39' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	9,289.65	676.22
		For Galvanized Finish, Add	*238.12*	
		For >10 To 20, Deduct	*-351.30*	
		For >20 To 40, Deduct	*-623.23*	
		For >40, Deduct	*-1,325.83*	
26 56 13 00-0287	EA	45' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	8,496.06	879.09
		For Galvanized Finish, Add	*202.14*	
		For >10 To 20, Deduct	*-313.47*	
		For >20 To 40, Deduct	*-559.56*	
		For >40, Deduct	*-1,186.50*	
26 56 13 00-0288	EA	45' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	9,909.00	879.09
		For Galvanized Finish, Add	*244.52*	
		For >10 To 20, Deduct	*-369.99*	
		For >20 To 40, Deduct	*-658.47*	
		For >40, Deduct	*-1,398.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0289	EA	50' High, 8.81" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	10,251.56	1,014.34
		For Galvanized Finish, Add	*246.69*	
		For >10 To 20, Deduct	*-379.63*	
		For >20 To 40, Deduct	*-677.04*	
		For >40, Deduct	*-1,436.30*	

26 56 13 00-0290 Factory Accessories For Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0291	EA	1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Steel Area Light Poles	91.25	
26 56 13 00-0292	EA	Extra Handhole For Steel Area Light Poles	135.70	
26 56 13 00-0293	EA	Vibration Dampener For Steel Area Light Poles	138.04	

26 56 13 00-0294 Aluminum Area Light Poles *(26 56 13 00-0177)*

Note: Includes satin brushed or painted finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.

26 56 13 00-0295 Round Straight, Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0296 Round Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0295)*

26 56 13 00-0297	EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	813.45	202.87
		For Bronze Or Satin Anodized Finish, Add	*40.77*	
		For Black Anodized Finish, Add	*81.54*	
		For >10 To 20, Deduct	*-26.45*	
		For >20 To 40, Deduct	*-48.83*	
		For >40, Deduct	*-101.73*	
26 56 13 00-0298	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	901.99	236.68
		For Bronze Or Satin Anodized Finish, Add	*42.86*	
		For Black Anodized Finish, Add	*85.73*	
		For >10 To 20, Deduct	*-28.98*	
		For >20 To 40, Deduct	*-53.67*	
		For >40, Deduct	*-111.63*	
26 56 13 00-0299	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	995.75	270.49
		For Bronze Or Satin Anodized Finish, Add	*45.48*	
		For Black Anodized Finish, Add	*90.95*	
		For >10 To 20, Deduct	*-31.72*	
		For >20 To 40, Deduct	*-58.88*	
		For >40, Deduct	*-122.31*	
26 56 13 00-0300	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,090.56	304.30
		For Bronze Or Satin Anodized Finish, Add	*48.20*	
		For Black Anodized Finish, Add	*96.39*	
		For >10 To 20, Deduct	*-34.49*	
		For >20 To 40, Deduct	*-64.17*	
		For >40, Deduct	*-133.15*	
26 56 13 00-0301	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,142.13	321.20
		For Bronze Or Satin Anodized Finish, Add	*49.97*	
		For Black Anodized Finish, Add	*99.94*	
		For >10 To 20, Deduct	*-36.05*	
		For >20 To 40, Deduct	*-67.10*	
		For >40, Deduct	*-139.20*	
26 56 13 00-0302	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,192.67	338.12
		For Bronze Or Satin Anodized Finish, Add	*51.65*	
		For Black Anodized Finish, Add	*103.29*	
		For >10 To 20, Deduct	*-37.56*	
		For >20 To 40, Deduct	*-69.96*	
		For >40, Deduct	*-145.09*	
26 56 13 00-0303	EA	16' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,255.39	338.12
		For Bronze Or Satin Anodized Finish, Add	*57.92*	
		For Black Anodized Finish, Add	*115.83*	
		For >10 To 20, Deduct	*-40.07*	
		For >20 To 40, Deduct	*-74.35*	
		For >40, Deduct	*-154.50*	
26 56 13 00-0304	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,362.75	371.92
		For Bronze Or Satin Anodized Finish, Add	*61.89*	
		For Black Anodized Finish, Add	*123.78*	
		For >10 To 20, Deduct	*-43.35*	
		For >20 To 40, Deduct	*-80.52*	
		For >40, Deduct	*-167.22*	
26 56 13 00-0305	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,463.82	405.73
		For Bronze Or Satin Anodized Finish, Add	*65.24*	
		For Black Anodized Finish, Add	*130.47*	
		For >10 To 20, Deduct	*-46.38*	
		For >20 To 40, Deduct	*-86.24*	
		For >40, Deduct	*-179.00*	
26 56 13 00-0306	EA	15' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,373.17	321.20
		For Bronze Or Satin Anodized Finish, Add	*73.08*	
		For Black Anodized Finish, Add	*146.15*	
		For >10 To 20, Deduct	*-45.29*	
		For >20 To 40, Deduct	*-83.27*	
		For >40, Deduct	*-173.86*	
26 56 13 00-0307	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,694.87	405.73
		For Bronze Or Satin Anodized Finish, Add	*88.34*	
		For Black Anodized Finish, Add	*176.68*	
		For >10 To 20, Deduct	*-55.62*	
		For >20 To 40, Deduct	*-102.41*	
		For >40, Deduct	*-213.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0308	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,811.96	405.73
		For Bronze Or Satin Anodized Finish, Add	*100.05*	
		For Black Anodized Finish, Add	*200.10*	
		For >10 To 20, Deduct	*-60.31*	
		For >20 To 40, Deduct	*-110.61*	
		For >40, Deduct	*-231.22*	
26 56 13 00-0309	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	2,192.22	540.98
		For Bronze Or Satin Anodized Finish, Add	*111.03*	
		For Black Anodized Finish, Add	*222.05*	
		For >10 To 20, Deduct	*-71.46*	
		For >20 To 40, Deduct	*-131.82*	
		For >40, Deduct	*-274.74*	
26 56 13 00-0310	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	2,535.50	608.61
		For Bronze Or Satin Anodized Finish, Add	*131.83*	
		For Black Anodized Finish, Add	*263.66*	
		For >10 To 20, Deduct	*-83.16*	
		For >20 To 40, Deduct	*-153.14*	
		For >40, Deduct	*-319.47*	
26 56 13 00-0311	EA	20' High, 4" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,535.96	405.73
		For Bronze Or Satin Anodized Finish, Add	*72.45*	
		For Black Anodized Finish, Add	*144.90*	
		For >10 To 20, Deduct	*-49.27*	
		For >20 To 40, Deduct	*-91.29*	
		For >40, Deduct	*-189.82*	
26 56 13 00-0312	EA	20' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,802.55	405.73
		For Bronze Or Satin Anodized Finish, Add	*99.11*	
		For Black Anodized Finish, Add	*198.22*	
		For >10 To 20, Deduct	*-59.93*	
		For >20 To 40, Deduct	*-109.95*	
		For >40, Deduct	*-229.81*	
26 56 13 00-0313	EA	25' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,175.49	540.98
		For Bronze Or Satin Anodized Finish, Add	*109.35*	
		For Black Anodized Finish, Add	*218.71*	
		For >10 To 20, Deduct	*-70.79*	
		For >20 To 40, Deduct	*-130.65*	
		For >40, Deduct	*-272.23*	
26 56 13 00-0314	EA	25' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,327.08	540.98
		For Bronze Or Satin Anodized Finish, Add	*124.51*	
		For Black Anodized Finish, Add	*249.02*	
		For >10 To 20, Deduct	*-76.85*	
		For >20 To 40, Deduct	*-141.26*	
		For >40, Deduct	*-294.96*	
26 56 13 00-0315	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,706.95	608.61
		For Bronze Or Satin Anodized Finish, Add	*148.98*	
		For Black Anodized Finish, Add	*297.95*	
		For >10 To 20, Deduct	*-90.02*	
		For >20 To 40, Deduct	*-165.14*	
		For >40, Deduct	*-345.18*	
26 56 13 00-0316		Round Straight, Aluminum Area Light Poles, Hinged Anchor Base *(26 56 13 00-0295)*		
26 56 13 00-0317	EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	920.09	202.87
		For Bronze, Satin Or Black Anodized Finish, Add	*77.15*	
		For >10 To 20, Deduct	*-30.72*	
		For >20 To 40, Deduct	*-56.29*	
		For >40, Deduct	*-117.73*	
26 56 13 00-0318	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,029.53	236.68
		For Bronze, Satin Or Black Anodized Finish, Add	*83.43*	
		For >10 To 20, Deduct	*-34.08*	
		For >20 To 40, Deduct	*-62.60*	
		For >40, Deduct	*-130.76*	
26 56 13 00-0319	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,134.79	270.49
		For Bronze, Satin Or Black Anodized Finish, Add	*89.07*	
		For >10 To 20, Deduct	*-37.28*	
		For >20 To 40, Deduct	*-68.62*	
		For >40, Deduct	*-143.17*	
26 56 13 00-0320	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,220.19	304.30
		For Bronze, Satin Or Black Anodized Finish, Add	*91.74*	
		For >10 To 20, Deduct	*-39.68*	
		For >20 To 40, Deduct	*-73.24*	
		For >40, Deduct	*-152.60*	
26 56 13 00-0321	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,318.12	338.12
		For Bronze, Satin Or Black Anodized Finish, Add	*96.29*	
		For >10 To 20, Deduct	*-42.58*	
		For >20 To 40, Deduct	*-78.74*	
		For >40, Deduct	*-163.91*	
26 56 13 00-0322	EA	10' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,051.49	236.68
		For Bronze, Satin Or Black Anodized Finish, Add	*86.72*	
		For >10 To 20, Deduct	*-34.96*	
		For >20 To 40, Deduct	*-64.14*	
		For >40, Deduct	*-134.06*	
26 56 13 00-0323	EA	12' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,154.65	270.49
		For Bronze, Satin Or Black Anodized Finish, Add	*92.05*	
		For >10 To 20, Deduct	*-38.07*	
		For >20 To 40, Deduct	*-70.01*	
		For >40, Deduct	*-146.15*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0324	EA	14' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,260.96	304.30
		For Bronze, Satin Or Black Anodized Finish, Add	*97.85*	
		For >10 To 20, Deduct	*-41.31*	
		For >20 To 40, Deduct	*-76.10*	
		For >40, Deduct	*-158.71*	
26 56 13 00-0325	EA	16' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,366.21	338.12
		For Bronze, Satin Or Black Anodized Finish, Add	*103.50*	
		For >10 To 20, Deduct	*-44.51*	
		For >20 To 40, Deduct	*-82.11*	
		For >40, Deduct	*-171.12*	
26 56 13 00-0326	EA	18' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,476.70	371.92
		For Bronze, Satin Or Black Anodized Finish, Add	*109.93*	
		For >10 To 20, Deduct	*-47.91*	
		For >20 To 40, Deduct	*-88.49*	
		For >40, Deduct	*-184.31*	
26 56 13 00-0327	EA	20' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,580.91	405.73
		For Bronze, Satin Or Black Anodized Finish, Add	*115.42*	
		For >10 To 20, Deduct	*-51.06*	
		For >20 To 40, Deduct	*-94.43*	
		For >40, Deduct	*-196.56*	
26 56 13 00-0328	EA	12' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,195.43	270.49
		For Bronze, Satin Or Black Anodized Finish, Add	*98.17*	
		For >10 To 20, Deduct	*-39.70*	
		For >20 To 40, Deduct	*-72.86*	
		For >40, Deduct	*-152.27*	
26 56 13 00-0329	EA	14' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,309.05	304.30
		For Bronze, Satin Or Black Anodized Finish, Add	*105.07*	
		For >10 To 20, Deduct	*-43.23*	
		For >20 To 40, Deduct	*-79.46*	
		For >40, Deduct	*-165.93*	
26 56 13 00-0330	EA	16' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,421.62	338.12
		For Bronze, Satin Or Black Anodized Finish, Add	*111.81*	
		For >10 To 20, Deduct	*-46.72*	
		For >20 To 40, Deduct	*-85.99*	
		For >40, Deduct	*-179.43*	
26 56 13 00-0331	EA	18' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,536.29	371.92
		For Bronze, Satin Or Black Anodized Finish, Add	*118.87*	
		For >10 To 20, Deduct	*-50.29*	
		For >20 To 40, Deduct	*-92.66*	
		For >40, Deduct	*-193.25*	
26 56 13 00-0332	EA	16' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,480.16	338.12
		For Bronze, Satin Or Black Anodized Finish, Add	*120.59*	
		For >10 To 20, Deduct	*-49.06*	
		For >20 To 40, Deduct	*-90.09*	
		For >40, Deduct	*-188.21*	
26 56 13 00-0333	EA	20' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,717.87	405.73
		For Bronze, Satin Or Black Anodized Finish, Add	*135.96*	
		For >10 To 20, Deduct	*-56.54*	
		For >20 To 40, Deduct	*-104.02*	
		For >40, Deduct	*-217.11*	
26 56 13 00-0334	EA	12' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,234.11	270.49
		For Bronze, Satin Or Black Anodized Finish, Add	*103.97*	
		For >10 To 20, Deduct	*-41.25*	
		For >20 To 40, Deduct	*-75.57*	
		For >40, Deduct	*-158.07*	
26 56 13 00-0335	EA	14' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,359.24	304.30
		For Bronze, Satin Or Black Anodized Finish, Add	*112.59*	
		For >10 To 20, Deduct	*-45.24*	
		For >20 To 40, Deduct	*-82.97*	
		For >40, Deduct	*-173.46*	
26 56 13 00-0336	EA	16' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,473.89	338.12
		For Bronze, Satin Or Black Anodized Finish, Add	*119.65*	
		For >10 To 20, Deduct	*-48.81*	
		For >20 To 40, Deduct	*-89.65*	
		For >40, Deduct	*-187.27*	
26 56 13 00-0337	EA	18' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,594.84	371.92
		For Bronze, Satin Or Black Anodized Finish, Add	*127.65*	
		For >10 To 20, Deduct	*-52.64*	
		For >20 To 40, Deduct	*-96.76*	
		For >40, Deduct	*-202.03*	
26 56 13 00-0338	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,712.64	405.73
		For Bronze, Satin Or Black Anodized Finish, Add	*135.18*	
		For >10 To 20, Deduct	*-56.33*	
		For >20 To 40, Deduct	*-103.66*	
		For >40, Deduct	*-216.32*	
26 56 13 00-0339	EA	16' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,550.21	338.12
		For Bronze, Satin Or Black Anodized Finish, Add	*131.10*	
		For >10 To 20, Deduct	*-51.87*	
		For >20 To 40, Deduct	*-94.99*	
		For >40, Deduct	*-198.72*	
26 56 13 00-0340	EA	18' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,680.56	371.92
		For Bronze, Satin Or Black Anodized Finish, Add	*140.51*	
		For >10 To 20, Deduct	*-56.06*	
		For >20 To 40, Deduct	*-102.76*	
		For >40, Deduct	*-214.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0341	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,745.05	405.73
		For Bronze, Satin Or Black Anodized Finish, Add	*140.04*	
		For >10 To 20, Deduct	*-57.63*	
		For >20 To 40, Deduct	*-105.92*	
		For >40, Deduct	*-221.18*	
26 56 13 00-0342		Round Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0295)*		
		Note: Includes rubberized undercoating on embedded portion.		
26 56 13 00-0343	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	722.84	169.06
		For Bronze Or Satin Anodized Finish, Add	*38.47*	
		For Black Anodized Finish, Add	*76.94*	
		For >10 To 20, Deduct	*-23.84*	
		For >20 To 40, Deduct	*-43.84*	
		For >40, Deduct	*-91.52*	
26 56 13 00-0344	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	776.51	185.96
		For Bronze Or Satin Anodized Finish, Add	*40.46*	
		For Black Anodized Finish, Add	*80.92*	
		For >10 To 20, Deduct	*-25.48*	
		For >20 To 40, Deduct	*-46.92*	
		For >40, Deduct	*-97.88*	
26 56 13 00-0345	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	857.36	202.87
		For Bronze Or Satin Anodized Finish, Add	*45.16*	
		For Black Anodized Finish, Add	*90.33*	
		For >10 To 20, Deduct	*-28.21*	
		For >20 To 40, Deduct	*-51.90*	
		For >40, Deduct	*-108.32*	
26 56 13 00-0346	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	881.41	202.87
		For Bronze Or Satin Anodized Finish, Add	*47.57*	
		For Black Anodized Finish, Add	*95.14*	
		For >10 To 20, Deduct	*-29.17*	
		For >20 To 40, Deduct	*-53.58*	
		For >40, Deduct	*-111.93*	
26 56 13 00-0347	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	911.72	202.87
		For Bronze Or Satin Anodized Finish, Add	*50.60*	
		For Black Anodized Finish, Add	*101.20*	
		For >10 To 20, Deduct	*-30.38*	
		For >20 To 40, Deduct	*-55.71*	
		For >40, Deduct	*-116.47*	
26 56 13 00-0348	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,037.54	219.77
		For Bronze Or Satin Anodized Finish, Add	*59.80*	
		For Black Anodized Finish, Add	*119.60*	
		For >10 To 20, Deduct	*-34.91*	
		For >20 To 40, Deduct	*-63.84*	
		For >40, Deduct	*-133.65*	
26 56 13 00-0349	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,110.03	236.68
		For Bronze Or Satin Anodized Finish, Add	*63.67*	
		For Black Anodized Finish, Add	*127.33*	
		For >10 To 20, Deduct	*-37.30*	
		For >20 To 40, Deduct	*-68.23*	
		For >40, Deduct	*-142.84*	
26 56 13 00-0350	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,272.08	236.68
		For Bronze Or Satin Anodized Finish, Add	*79.87*	
		For Black Anodized Finish, Add	*159.74*	
		For >10 To 20, Deduct	*-43.78*	
		For >20 To 40, Deduct	*-79.58*	
		For >40, Deduct	*-167.14*	
26 56 13 00-0351	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,547.74	270.49
		For Bronze Or Satin Anodized Finish, Add	*100.68*	
		For Black Anodized Finish, Add	*201.35*	
		For >10 To 20, Deduct	*-53.79*	
		For >20 To 40, Deduct	*-97.52*	
		For >40, Deduct	*-205.11*	
26 56 13 00-0352	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,755.46	304.30
		For Bronze Or Satin Anodized Finish, Add	*114.69*	
		For Black Anodized Finish, Add	*229.37*	
		For >10 To 20, Deduct	*-61.09*	
		For >20 To 40, Deduct	*-110.71*	
		For >40, Deduct	*-232.89*	
26 56 13 00-0353	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Direct Burial	1,946.77	304.30
		For Bronze Or Satin Anodized Finish, Add	*133.82*	
		For Black Anodized Finish, Add	*267.63*	
		For >10 To 20, Deduct	*-68.74*	
		For >20 To 40, Deduct	*-124.10*	
		For >40, Deduct	*-261.59*	
26 56 13 00-0354		Round Tapered, Aluminum Area Light Poles *(26 56 13 00-0294)*		
26 56 13 00-0355		Round Tapered, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0354)*		
26 56 13 00-0356	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	701.59	202.87
		For Bronze Or Satin Anodized Finish, Add	*29.59*	
		For Black Anodized Finish, Add	*59.17*	
		For >10 To 20, Deduct	*-21.98*	
		For >20 To 40, Deduct	*-41.00*	
		For >40, Deduct	*-84.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0357	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	793.26	236.68
		For Bronze Or Satin Anodized Finish, Add	*31.99*	
		For Black Anodized Finish, Add	*63.98*	
		For >10 To 20, Deduct	*-24.63*	
		For >20 To 40, Deduct	*-46.06*	
		For >40, Deduct	*-95.32*	
26 56 13 00-0358	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	884.93	270.49
		For Bronze Or Satin Anodized Finish, Add	*34.40*	
		For Black Anodized Finish, Add	*68.79*	
		For >10 To 20, Deduct	*-27.28*	
		For >20 To 40, Deduct	*-51.13*	
		For >40, Deduct	*-105.69*	
26 56 13 00-0359	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	986.01	304.30
		For Bronze Or Satin Anodized Finish, Add	*37.74*	
		For Black Anodized Finish, Add	*75.48*	
		For >10 To 20, Deduct	*-30.31*	
		For >20 To 40, Deduct	*-56.85*	
		For >40, Deduct	*-117.47*	
26 56 13 00-0360	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,086.03	338.12
		For Bronze Or Satin Anodized Finish, Add	*40.98*	
		For Black Anodized Finish, Add	*81.96*	
		For >10 To 20, Deduct	*-33.30*	
		For >20 To 40, Deduct	*-62.50*	
		For >40, Deduct	*-129.09*	
26 56 13 00-0361	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	820.45	236.68
		For Bronze Or Satin Anodized Finish, Add	*34.71*	
		For Black Anodized Finish, Add	*69.42*	
		For >10 To 20, Deduct	*-25.72*	
		For >20 To 40, Deduct	*-47.96*	
		For >40, Deduct	*-99.40*	
26 56 13 00-0362	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	927.79	270.49
		For Bronze Or Satin Anodized Finish, Add	*38.68*	
		For Black Anodized Finish, Add	*77.36*	
		For >10 To 20, Deduct	*-29.00*	
		For >20 To 40, Deduct	*-54.13*	
		For >40, Deduct	*-112.12*	
26 56 13 00-0363	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,032.01	304.30
		For Bronze Or Satin Anodized Finish, Add	*42.34*	
		For Black Anodized Finish, Add	*84.68*	
		For >10 To 20, Deduct	*-32.15*	
		For >20 To 40, Deduct	*-60.07*	
		For >40, Deduct	*-124.37*	
26 56 13 00-0364	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,233.12	371.92
		For Bronze Or Satin Anodized Finish, Add	*48.93*	
		For Black Anodized Finish, Add	*97.85*	
		For >10 To 20, Deduct	*-38.17*	
		For >20 To 40, Deduct	*-71.44*	
		For >40, Deduct	*-147.78*	
26 56 13 00-0365	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,326.87	405.73
		For Bronze Or Satin Anodized Finish, Add	*51.54*	
		For Black Anodized Finish, Add	*103.08*	
		For >10 To 20, Deduct	*-40.90*	
		For >20 To 40, Deduct	*-76.65*	
		For >40, Deduct	*-158.46*	
26 56 13 00-0366	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	966.47	270.49
		For Bronze Or Satin Anodized Finish, Add	*42.55*	
		For Black Anodized Finish, Add	*85.10*	
		For >10 To 20, Deduct	*-30.54*	
		For >20 To 40, Deduct	*-56.83*	
		For >40, Deduct	*-117.92*	
26 56 13 00-0367	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,076.97	304.30
		For Bronze Or Satin Anodized Finish, Add	*46.84*	
		For Black Anodized Finish, Add	*93.67*	
		For >10 To 20, Deduct	*-33.95*	
		For >20 To 40, Deduct	*-63.22*	
		For >40, Deduct	*-131.12*	
26 56 13 00-0368	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,194.76	338.12
		For Bronze Or Satin Anodized Finish, Add	*51.85*	
		For Black Anodized Finish, Add	*103.71*	
		For >10 To 20, Deduct	*-37.65*	
		For >20 To 40, Deduct	*-70.11*	
		For >40, Deduct	*-145.40*	
26 56 13 00-0369	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,293.75	371.92
		For Bronze Or Satin Anodized Finish, Add	*54.99*	
		For Black Anodized Finish, Add	*109.98*	
		For >10 To 20, Deduct	*-40.59*	
		For >20 To 40, Deduct	*-75.69*	
		For >40, Deduct	*-156.87*	
26 56 13 00-0370	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,407.37	405.73
		For Bronze Or Satin Anodized Finish, Add	*59.59*	
		For Black Anodized Finish, Add	*119.18*	
		For >10 To 20, Deduct	*-44.12*	
		For >20 To 40, Deduct	*-82.29*	
		For >40, Deduct	*-170.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0371	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,297.21	338.12
		For Bronze Or Satin Anodized Finish, Add	*62.10*	
		For Black Anodized Finish, Add	*124.20*	
		For >10 To 20, Deduct	*-41.75*	
		For >20 To 40, Deduct	*-77.28*	
		For >40, Deduct	*-160.77*	
26 56 13 00-0372	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,424.43	371.92
		For Bronze Or Satin Anodized Finish, Add	*68.06*	
		For Black Anodized Finish, Add	*136.12*	
		For >10 To 20, Deduct	*-45.82*	
		For >20 To 40, Deduct	*-84.83*	
		For >40, Deduct	*-176.47*	
26 56 13 00-0373	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,508.78	405.73
		For Bronze Or Satin Anodized Finish, Add	*69.73*	
		For Black Anodized Finish, Add	*139.46*	
		For >10 To 20, Deduct	*-48.18*	
		For >20 To 40, Deduct	*-89.39*	
		For >40, Deduct	*-185.74*	
26 56 13 00-0374	EA	23' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,737.06	473.36
		For Bronze Or Satin Anodized Finish, Add	*79.04*	
		For Black Anodized Finish, Add	*158.07*	
		For >10 To 20, Deduct	*-55.28*	
		For >20 To 40, Deduct	*-102.66*	
		For >40, Deduct	*-213.22*	
26 56 13 00-0375	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,971.63	540.98
		For Bronze Or Satin Anodized Finish, Add	*88.97*	
		For Black Anodized Finish, Add	*177.93*	
		For >10 To 20, Deduct	*-62.64*	
		For >20 To 40, Deduct	*-116.37*	
		For >40, Deduct	*-241.65*	
26 56 13 00-0376	EA	18' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,526.88	371.92
		For Bronze Or Satin Anodized Finish, Add	*78.30*	
		For Black Anodized Finish, Add	*156.61*	
		For >10 To 20, Deduct	*-49.92*	
		For >20 To 40, Deduct	*-92.00*	
		For >40, Deduct	*-191.84*	
26 56 13 00-0377	EA	20' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,633.19	405.73
		For Bronze Or Satin Anodized Finish, Add	*82.17*	
		For Black Anodized Finish, Add	*164.34*	
		For >10 To 20, Deduct	*-53.16*	
		For >20 To 40, Deduct	*-98.09*	
		For >40, Deduct	*-204.41*	
26 56 13 00-0378	EA	23' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,835.33	473.36
		For Bronze Or Satin Anodized Finish, Add	*88.86*	
		For Black Anodized Finish, Add	*177.72*	
		For >10 To 20, Deduct	*-59.21*	
		For >20 To 40, Deduct	*-109.54*	
		For >40, Deduct	*-227.96*	
26 56 13 00-0379	EA	25' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,046.90	540.98
		For Bronze Or Satin Anodized Finish, Add	*96.49*	
		For Black Anodized Finish, Add	*192.99*	
		For >10 To 20, Deduct	*-65.65*	
		For >20 To 40, Deduct	*-121.64*	
		For >40, Deduct	*-252.94*	
26 56 13 00-0380	EA	28' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,199.20	574.79
		For Bronze Or Satin Anodized Finish, Add	*104.96*	
		For Black Anodized Finish, Add	*209.92*	
		For >10 To 20, Deduct	*-70.72*	
		For >20 To 40, Deduct	*-130.95*	
		For >40, Deduct	*-272.40*	
26 56 13 00-0381	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,353.59	608.61
		For Bronze Or Satin Anodized Finish, Add	*113.64*	
		For Black Anodized Finish, Add	*227.28*	
		For >10 To 20, Deduct	*-75.89*	
		For >20 To 40, Deduct	*-140.41*	
		For >40, Deduct	*-292.18*	
26 56 13 00-0382	EA	23' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,932.56	473.36
		For Bronze Or Satin Anodized Finish, Add	*98.59*	
		For Black Anodized Finish, Add	*197.17*	
		For >10 To 20, Deduct	*-63.10*	
		For >20 To 40, Deduct	*-116.35*	
		For >40, Deduct	*-242.55*	
26 56 13 00-0383	EA	25' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,111.72	540.98
		For Bronze Or Satin Anodized Finish, Add	*102.98*	
		For Black Anodized Finish, Add	*205.95*	
		For >10 To 20, Deduct	*-68.24*	
		For >20 To 40, Deduct	*-126.18*	
		For >40, Deduct	*-262.66*	
26 56 13 00-0384	EA	28' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,269.25	574.79
		For Bronze Or Satin Anodized Finish, Add	*111.97*	
		For Black Anodized Finish, Add	*223.93*	
		For >10 To 20, Deduct	*-73.53*	
		For >20 To 40, Deduct	*-135.86*	
		For >40, Deduct	*-282.91*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0385	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,462.32	608.61
		For Bronze Or Satin Anodized Finish, Add	*124.51*	
		For Black Anodized Finish, Add	*249.02*	
		For >10 To 20, Deduct	*-80.23*	
		For >20 To 40, Deduct	*-148.02*	
		For >40, Deduct	*-308.49*	
26 56 13 00-0386	EA	33' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,543.18	625.51
		For Bronze Or Satin Anodized Finish, Add	*129.22*	
		For Black Anodized Finish, Add	*258.43*	
		For >10 To 20, Deduct	*-82.96*	
		For >20 To 40, Deduct	*-153.00*	
		For >40, Deduct	*-318.93*	
26 56 13 00-0387	EA	35' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,703.49	642.41
		For Bronze Or Satin Anodized Finish, Add	*141.87*	
		For Black Anodized Finish, Add	*283.73*	
		For >10 To 20, Deduct	*-88.87*	
		For >20 To 40, Deduct	*-163.55*	
		For >40, Deduct	*-341.28*	
26 56 13 00-0388	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,009.34	270.49
		For Bronze Or Satin Anodized Finish, Add	*46.84*	
		For Black Anodized Finish, Add	*93.67*	
		For >10 To 20, Deduct	*-32.26*	
		For >20 To 40, Deduct	*-59.83*	
		For >40, Deduct	*-124.35*	
26 56 13 00-0389	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,127.15	304.30
		For Bronze Or Satin Anodized Finish, Add	*51.85*	
		For Black Anodized Finish, Add	*103.71*	
		For >10 To 20, Deduct	*-35.96*	
		For >20 To 40, Deduct	*-66.73*	
		For >40, Deduct	*-138.64*	
26 56 13 00-0390	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,249.12	338.12
		For Bronze Or Satin Anodized Finish, Add	*57.29*	
		For Black Anodized Finish, Add	*114.58*	
		For >10 To 20, Deduct	*-39.82*	
		For >20 To 40, Deduct	*-73.91*	
		For >40, Deduct	*-153.56*	
26 56 13 00-0391	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,359.61	371.92
		For Bronze Or Satin Anodized Finish, Add	*61.58*	
		For Black Anodized Finish, Add	*123.15*	
		For >10 To 20, Deduct	*-43.23*	
		For >20 To 40, Deduct	*-80.30*	
		For >40, Deduct	*-166.75*	
26 56 13 00-0392	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,469.05	405.73
		For Bronze Or Satin Anodized Finish, Add	*65.76*	
		For Black Anodized Finish, Add	*131.52*	
		For >10 To 20, Deduct	*-46.59*	
		For >20 To 40, Deduct	*-86.60*	
		For >40, Deduct	*-179.78*	
26 56 13 00-0393	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,363.07	338.12
		For Bronze Or Satin Anodized Finish, Add	*68.69*	
		For Black Anodized Finish, Add	*137.37*	
		For >10 To 20, Deduct	*-44.38*	
		For >20 To 40, Deduct	*-81.89*	
		For >40, Deduct	*-170.65*	
26 56 13 00-0394	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,493.43	371.92
		For Bronze Or Satin Anodized Finish, Add	*74.96*	
		For Black Anodized Finish, Add	*149.92*	
		For >10 To 20, Deduct	*-48.58*	
		For >20 To 40, Deduct	*-89.66*	
		For >40, Deduct	*-186.82*	
26 56 13 00-0395	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,591.37	405.73
		For Bronze Or Satin Anodized Finish, Add	*77.99*	
		For Black Anodized Finish, Add	*155.98*	
		For >10 To 20, Deduct	*-51.48*	
		For >20 To 40, Deduct	*-95.17*	
		For >40, Deduct	*-198.13*	
26 56 13 00-0396	EA	23' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,814.43	473.36
		For Bronze Or Satin Anodized Finish, Add	*86.77*	
		For Black Anodized Finish, Add	*173.54*	
		For >10 To 20, Deduct	*-58.38*	
		For >20 To 40, Deduct	*-108.08*	
		For >40, Deduct	*-224.83*	
26 56 13 00-0397	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,043.76	540.98
		For Bronze Or Satin Anodized Finish, Add	*96.18*	
		For Black Anodized Finish, Add	*192.36*	
		For >10 To 20, Deduct	*-65.52*	
		For >20 To 40, Deduct	*-121.42*	
		For >40, Deduct	*-252.47*	
26 56 13 00-0398	EA	23' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,050.69	473.36
		For Bronze Or Satin Anodized Finish, Add	*110.40*	
		For Black Anodized Finish, Add	*220.80*	
		For >10 To 20, Deduct	*-67.83*	
		For >20 To 40, Deduct	*-124.61*	
		For >40, Deduct	*-260.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0399	EA	25' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,268.53	540.98
		For Bronze Or Satin Anodized Finish, Add	*118.66*	
		For Black Anodized Finish, Add	*237.31*	
		For >10 To 20, Deduct	*-74.51*	
		For >20 To 40, Deduct	*-137.16*	
		For >40, Deduct	*-286.18*	
26 56 13 00-0400	EA	28' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,438.61	574.79
		For Bronze Or Satin Anodized Finish, Add	*128.90*	
		For Black Anodized Finish, Add	*257.81*	
		For >10 To 20, Deduct	*-80.30*	
		For >20 To 40, Deduct	*-147.71*	
		For >40, Deduct	*-308.31*	
26 56 13 00-0401	EA	30' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,590.91	608.61
		For Bronze Or Satin Anodized Finish, Add	*137.37*	
		For Black Anodized Finish, Add	*274.74*	
		For >10 To 20, Deduct	*-85.38*	
		For >20 To 40, Deduct	*-157.02*	
		For >40, Deduct	*-327.78*	
26 56 13 00-0402	EA	33' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,726.14	625.51
		For Bronze Or Satin Anodized Finish, Add	*147.51*	
		For Black Anodized Finish, Add	*295.02*	
		For >10 To 20, Deduct	*-90.28*	
		For >20 To 40, Deduct	*-165.81*	
		For >40, Deduct	*-346.37*	
26 56 13 00-0403	EA	35' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,844.63	642.41
		For Bronze Or Satin Anodized Finish, Add	*155.98*	
		For Black Anodized Finish, Add	*311.96*	
		For >10 To 20, Deduct	*-94.51*	
		For >20 To 40, Deduct	*-173.43*	
		For >40, Deduct	*-362.45*	
26 56 13 00-0404	EA	37' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,946.39	659.32
		For Bronze Or Satin Anodized Finish, Add	*162.78*	
		For Black Anodized Finish, Add	*325.55*	
		For >10 To 20, Deduct	*-98.08*	
		For >20 To 40, Deduct	*-179.87*	
		For >40, Deduct	*-376.03*	
26 56 13 00-0405	EA	39' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,126.56	676.22
		For Bronze Or Satin Anodized Finish, Add	*177.41*	
		For Black Anodized Finish, Add	*354.82*	
		For >10 To 20, Deduct	*-104.78*	
		For >20 To 40, Deduct	*-191.81*	
		For >40, Deduct	*-401.36*	
26 56 13 00-0406	EA	28' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,890.24	574.79
		For Bronze Or Satin Anodized Finish, Add	*174.07*	
		For Black Anodized Finish, Add	*348.13*	
		For >10 To 20, Deduct	*-98.37*	
		For >20 To 40, Deduct	*-179.33*	
		For >40, Deduct	*-376.06*	
26 56 13 00-0407	EA	30' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,113.63	608.61
		For Bronze Or Satin Anodized Finish, Add	*189.64*	
		For Black Anodized Finish, Add	*379.29*	
		For >10 To 20, Deduct	*-106.29*	
		For >20 To 40, Deduct	*-193.61*	
		For >40, Deduct	*-406.18*	
26 56 13 00-0408	EA	33' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,269.76	625.51
		For Bronze Or Satin Anodized Finish, Add	*201.87*	
		For Black Anodized Finish, Add	*403.75*	
		For >10 To 20, Deduct	*-112.03*	
		For >20 To 40, Deduct	*-203.86*	
		For >40, Deduct	*-427.91*	
26 56 13 00-0409	EA	35' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,389.30	642.41
		For Bronze Or Satin Anodized Finish, Add	*210.45*	
		For Black Anodized Finish, Add	*420.89*	
		For >10 To 20, Deduct	*-116.30*	
		For >20 To 40, Deduct	*-211.55*	
		For >40, Deduct	*-444.15*	
26 56 13 00-0410	EA	37' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,457.61	659.32
		For Bronze Or Satin Anodized Finish, Add	*213.90*	
		For Black Anodized Finish, Add	*427.79*	
		For >10 To 20, Deduct	*-118.52*	
		For >20 To 40, Deduct	*-215.66*	
		For >40, Deduct	*-452.71*	
26 56 13 00-0411	EA	39' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,655.55	676.22
		For Bronze Or Satin Anodized Finish, Add	*230.31*	
		For Black Anodized Finish, Add	*460.62*	
		For >10 To 20, Deduct	*-125.94*	
		For >20 To 40, Deduct	*-228.84*	
		For >40, Deduct	*-480.71*	
26 56 13 00-0412	EA	28' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,747.01	574.79
		For Bronze Or Satin Anodized Finish, Add	*159.74*	
		For Black Anodized Finish, Add	*319.49*	
		For >10 To 20, Deduct	*-92.64*	
		For >20 To 40, Deduct	*-169.30*	
		For >40, Deduct	*-354.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0413	EA	30' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,951.58	608.61
		For Bronze Or Satin Anodized Finish, Add	*173.44*	
		For Black Anodized Finish, Add	*346.88*	
		For >10 To 20, Deduct	*-99.81*	
		For >20 To 40, Deduct	*-182.27*	
		For >40, Deduct	*-381.88*	
26 56 13 00-0414	EA	33' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,032.45	625.51
		For Bronze Or Satin Anodized Finish, Add	*178.14*	
		For Black Anodized Finish, Add	*356.29*	
		For >10 To 20, Deduct	*-102.53*	
		For >20 To 40, Deduct	*-187.25*	
		For >40, Deduct	*-392.32*	
26 56 13 00-0415	EA	35' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,233.53	642.41
		For Bronze Or Satin Anodized Finish, Add	*194.87*	
		For Black Anodized Finish, Add	*389.74*	
		For >10 To 20, Deduct	*-110.07*	
		For >20 To 40, Deduct	*-200.65*	
		For >40, Deduct	*-420.79*	
26 56 13 00-0416	EA	37' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,334.25	659.32
		For Bronze Or Satin Anodized Finish, Add	*201.56*	
		For Black Anodized Finish, Add	*403.12*	
		For >10 To 20, Deduct	*-113.59*	
		For >20 To 40, Deduct	*-207.02*	
		For >40, Deduct	*-434.21*	
26 56 13 00-0417	EA	39' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,533.24	676.22
		For Bronze Or Satin Anodized Finish, Add	*218.08*	
		For Black Anodized Finish, Add	*436.16*	
		For >10 To 20, Deduct	*-121.04*	
		For >20 To 40, Deduct	*-220.28*	
		For >40, Deduct	*-462.36*	
26 56 13 00-0418	EA	28' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,401.46	574.79
		For Bronze Or Satin Anodized Finish, Add	*225.19*	
		For Black Anodized Finish, Add	*450.38*	
		For >10 To 20, Deduct	*-118.81*	
		For >20 To 40, Deduct	*-215.11*	
		For >40, Deduct	*-452.74*	
26 56 13 00-0419	EA	30' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,596.62	608.61
		For Bronze Or Satin Anodized Finish, Add	*237.94*	
		For Black Anodized Finish, Add	*475.88*	
		For >10 To 20, Deduct	*-125.61*	
		For >20 To 40, Deduct	*-227.42*	
		For >40, Deduct	*-478.63*	
26 56 13 00-0420	EA	33' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,754.85	625.51
		For Bronze Or Satin Anodized Finish, Add	*250.38*	
		For Black Anodized Finish, Add	*500.77*	
		For >10 To 20, Deduct	*-131.43*	
		For >20 To 40, Deduct	*-237.82*	
		For >40, Deduct	*-500.68*	
26 56 13 00-0421	EA	35' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,997.75	642.41
		For Bronze Or Satin Anodized Finish, Add	*271.29*	
		For Black Anodized Finish, Add	*542.58*	
		For >10 To 20, Deduct	*-140.64*	
		For >20 To 40, Deduct	*-254.15*	
		For >40, Deduct	*-535.42*	
26 56 13 00-0422	EA	37' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,054.56	659.32
		For Bronze Or Satin Anodized Finish, Add	*273.59*	
		For Black Anodized Finish, Add	*547.18*	
		For >10 To 20, Deduct	*-142.40*	
		For >20 To 40, Deduct	*-257.45*	
		For >40, Deduct	*-542.25*	
26 56 13 00-0423	EA	39' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,296.41	676.22
		For Bronze Or Satin Anodized Finish, Add	*294.40*	
		For Black Anodized Finish, Add	*588.79*	
		For >10 To 20, Deduct	*-151.57*	
		For >20 To 40, Deduct	*-273.70*	
		For >40, Deduct	*-576.84*	
26 56 13 00-0424	EA	48' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,456.68	1,014.34
		For Bronze Or Satin Anodized Finish, Add	*342.80*	
		For Black Anodized Finish, Add	*685.60*	
		For >10 To 20, Deduct	*-187.84*	
		For >20 To 40, Deduct	*-341.39*	
		For >40, Deduct	*-717.07*	
26 56 13 00-0425	EA	50' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,586.31	1,014.34
		For Bronze Or Satin Anodized Finish, Add	*355.76*	
		For Black Anodized Finish, Add	*711.53*	
		For >10 To 20, Deduct	*-193.02*	
		For >20 To 40, Deduct	*-350.47*	
		For >40, Deduct	*-736.51*	
26 56 13 00-0426		Round Tapered, Aluminum Area Light Poles, Hinged Anchor Base *(26 56 13 00-0354)*		
26 56 13 00-0427	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	926.36	202.87
		For Bronze, Satin Or Black Anodized Finish, Add	*78.09*	
		For >10 To 20, Deduct	*-30.97*	
		For >20 To 40, Deduct	*-56.73*	
		For >40, Deduct	*-118.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0428	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,015.94	236.68
		For Bronze, Satin Or Black Anodized Finish, Add	*81.39*	
		For >10 To 20, Deduct	*-33.54*	
		For >20 To 40, Deduct	*-61.65*	
		For >40, Deduct	*-128.72*	
26 56 13 00-0429	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,106.56	270.49
		For Bronze, Satin Or Black Anodized Finish, Add	*84.84*	
		For >10 To 20, Deduct	*-36.15*	
		For >20 To 40, Deduct	*-66.64*	
		For >40, Deduct	*-138.94*	
26 56 13 00-0430	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,199.28	304.30
		For Bronze, Satin Or Black Anodized Finish, Add	*88.60*	
		For >10 To 20, Deduct	*-38.84*	
		For >20 To 40, Deduct	*-71.78*	
		For >40, Deduct	*-149.46*	
26 56 13 00-0431	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,290.94	338.12
		For Bronze, Satin Or Black Anodized Finish, Add	*92.21*	
		For >10 To 20, Deduct	*-41.49*	
		For >20 To 40, Deduct	*-76.84*	
		For >40, Deduct	*-159.83*	
26 56 13 00-0432	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,028.49	236.68
		For Bronze, Satin Or Black Anodized Finish, Add	*83.27*	
		For >10 To 20, Deduct	*-34.04*	
		For >20 To 40, Deduct	*-62.53*	
		For >40, Deduct	*-130.61*	
26 56 13 00-0433	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,121.20	270.49
		For Bronze, Satin Or Black Anodized Finish, Add	*87.03*	
		For >10 To 20, Deduct	*-36.73*	
		For >20 To 40, Deduct	*-67.66*	
		For >40, Deduct	*-141.13*	
26 56 13 00-0434	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,216.01	304.30
		For Bronze, Satin Or Black Anodized Finish, Add	*91.11*	
		For >10 To 20, Deduct	*-39.51*	
		For >20 To 40, Deduct	*-72.95*	
		For >40, Deduct	*-151.97*	
26 56 13 00-0435	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,309.76	338.12
		For Bronze, Satin Or Black Anodized Finish, Add	*95.03*	
		For >10 To 20, Deduct	*-42.25*	
		For >20 To 40, Deduct	*-78.16*	
		For >40, Deduct	*-162.65*	
26 56 13 00-0436	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,417.11	371.92
		For Bronze, Satin Or Black Anodized Finish, Add	*100.99*	
		For >10 To 20, Deduct	*-45.53*	
		For >20 To 40, Deduct	*-84.32*	
		For >40, Deduct	*-175.37*	
26 56 13 00-0437	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,515.05	405.73
		For Bronze, Satin Or Black Anodized Finish, Add	*105.54*	
		For >10 To 20, Deduct	*-48.43*	
		For >20 To 40, Deduct	*-89.82*	
		For >40, Deduct	*-186.68*	
26 56 13 00-0438	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,161.97	270.49
		For Bronze, Satin Or Black Anodized Finish, Add	*93.15*	
		For >10 To 20, Deduct	*-38.36*	
		For >20 To 40, Deduct	*-70.52*	
		For >40, Deduct	*-147.25*	
26 56 13 00-0439	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,262.01	304.30
		For Bronze, Satin Or Black Anodized Finish, Add	*98.01*	
		For >10 To 20, Deduct	*-41.35*	
		For >20 To 40, Deduct	*-76.17*	
		For >40, Deduct	*-158.87*	
26 56 13 00-0440	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,374.57	338.12
		For Bronze, Satin Or Black Anodized Finish, Add	*104.75*	
		For >10 To 20, Deduct	*-44.84*	
		For >20 To 40, Deduct	*-82.70*	
		For >40, Deduct	*-172.37*	
26 56 13 00-0441	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,476.70	371.92
		For Bronze, Satin Or Black Anodized Finish, Add	*109.93*	
		For >10 To 20, Deduct	*-47.91*	
		For >20 To 40, Deduct	*-88.49*	
		For >40, Deduct	*-184.31*	
26 56 13 00-0442	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,592.41	405.73
		For Bronze, Satin Or Black Anodized Finish, Add	*117.14*	
		For >10 To 20, Deduct	*-51.52*	
		For >20 To 40, Deduct	*-95.24*	
		For >40, Deduct	*-198.29*	
26 56 13 00-0443	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,434.16	338.12
		For Bronze, Satin Or Black Anodized Finish, Add	*113.69*	
		For >10 To 20, Deduct	*-47.22*	
		For >20 To 40, Deduct	*-86.87*	
		For >40, Deduct	*-181.31*	
26 56 13 00-0444	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,557.20	371.92
		For Bronze, Satin Or Black Anodized Finish, Add	*122.00*	
		For >10 To 20, Deduct	*-51.13*	
		For >20 To 40, Deduct	*-94.13*	
		For >40, Deduct	*-196.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0445	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,657.23	405.73
		For Bronze, Satin Or Black Anodized Finish, Add	*126.86*	
		For >10 To 20, Deduct	*-54.12*	
		For >20 To 40, Deduct	*-99.78*	
		For >40, Deduct	*-208.01*	
26 56 13 00-0446	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,194.38	270.49
		For Bronze, Satin Or Black Anodized Finish, Add	*98.01*	
		For >10 To 20, Deduct	*-39.66*	
		For >20 To 40, Deduct	*-72.79*	
		For >40, Deduct	*-152.11*	
26 56 13 00-0447	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,311.15	304.30
		For Bronze, Satin Or Black Anodized Finish, Add	*105.38*	
		For >10 To 20, Deduct	*-43.32*	
		For >20 To 40, Deduct	*-79.61*	
		For >40, Deduct	*-166.24*	
26 56 13 00-0448	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,434.16	338.12
		For Bronze, Satin Or Black Anodized Finish, Add	*113.69*	
		For >10 To 20, Deduct	*-47.22*	
		For >20 To 40, Deduct	*-86.87*	
		For >40, Deduct	*-181.31*	
26 56 13 00-0449	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,544.66	371.92
		For Bronze, Satin Or Black Anodized Finish, Add	*120.12*	
		For >10 To 20, Deduct	*-50.63*	
		For >20 To 40, Deduct	*-93.25*	
		For >40, Deduct	*-194.51*	
26 56 13 00-0450	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,662.46	405.73
		For Bronze, Satin Or Black Anodized Finish, Add	*127.65*	
		For >10 To 20, Deduct	*-54.33*	
		For >20 To 40, Deduct	*-100.14*	
		For >40, Deduct	*-208.80*	
26 56 13 00-0451	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,502.12	338.12
		For Bronze, Satin Or Black Anodized Finish, Add	*123.89*	
		For >10 To 20, Deduct	*-49.94*	
		For >20 To 40, Deduct	*-91.62*	
		For >40, Deduct	*-191.51*	
26 56 13 00-0452	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,633.52	371.92
		For Bronze, Satin Or Black Anodized Finish, Add	*133.45*	
		For >10 To 20, Deduct	*-54.18*	
		For >20 To 40, Deduct	*-99.47*	
		For >40, Deduct	*-207.84*	
26 56 13 00-0453	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,738.78	405.73
		For Bronze, Satin Or Black Anodized Finish, Add	*139.10*	
		For >10 To 20, Deduct	*-57.38*	
		For >20 To 40, Deduct	*-105.49*	
		For >40, Deduct	*-220.24*	

26 56 13 00-0454 Round Tapered, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0354)*

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0455	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	647.57	169.06
		For Bronze Or Satin Anodized Finish, Add	*30.95*	
		For Black Anodized Finish, Add	*61.89*	
		For >10 To 20, Deduct	*-20.83*	
		For >20 To 40, Deduct	*-38.57*	
		For >40, Deduct	*-80.23*	
26 56 13 00-0456	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	676.84	169.06
		For Bronze Or Satin Anodized Finish, Add	*33.87*	
		For Black Anodized Finish, Add	*67.74*	
		For >10 To 20, Deduct	*-22.00*	
		For >20 To 40, Deduct	*-40.62*	
		For >40, Deduct	*-84.62*	
26 56 13 00-0457	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	734.69	185.96
		For Bronze Or Satin Anodized Finish, Add	*36.28*	
		For Black Anodized Finish, Add	*72.55*	
		For >10 To 20, Deduct	*-23.81*	
		For >20 To 40, Deduct	*-43.99*	
		For >40, Deduct	*-91.61*	
26 56 13 00-0458	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	785.22	202.87
		For Bronze Or Satin Anodized Finish, Add	*37.95*	
		For Black Anodized Finish, Add	*75.90*	
		For >10 To 20, Deduct	*-25.32*	
		For >20 To 40, Deduct	*-46.85*	
		For >40, Deduct	*-97.50*	
26 56 13 00-0459	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	822.86	202.87
		For Bronze Or Satin Anodized Finish, Add	*41.71*	
		For Black Anodized Finish, Add	*83.43*	
		For >10 To 20, Deduct	*-26.83*	
		For >20 To 40, Deduct	*-49.49*	
		For >40, Deduct	*-103.14*	
26 56 13 00-0460	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	762.91	185.96
		For Bronze Or Satin Anodized Finish, Add	*39.10*	
		For Black Anodized Finish, Add	*78.20*	
		For >10 To 20, Deduct	*-24.94*	
		For >20 To 40, Deduct	*-45.97*	
		For >40, Deduct	*-95.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0461	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	826.00	202.87
		For Bronze Or Satin Anodized Finish, Add	*42.03*	
		For Black Anodized Finish, Add	*84.05*	
		For >10 To 20, Deduct	*-26.95*	
		For >20 To 40, Deduct	*-49.71*	
		For >40, Deduct	*-103.61*	
26 56 13 00-0462	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	846.91	202.87
		For Bronze Or Satin Anodized Finish, Add	*44.12*	
		For Black Anodized Finish, Add	*88.24*	
		For >10 To 20, Deduct	*-27.79*	
		For >20 To 40, Deduct	*-51.17*	
		For >40, Deduct	*-106.75*	
26 56 13 00-0463	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	914.18	219.77
		For Bronze Or Satin Anodized Finish, Add	*47.46*	
		For Black Anodized Finish, Add	*94.93*	
		For >10 To 20, Deduct	*-29.97*	
		For >20 To 40, Deduct	*-55.20*	
		For >40, Deduct	*-115.15*	
26 56 13 00-0464	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	977.26	236.68
		For Bronze Or Satin Anodized Finish, Add	*50.39*	
		For Black Anodized Finish, Add	*100.78*	
		For >10 To 20, Deduct	*-31.99*	
		For >20 To 40, Deduct	*-58.94*	
		For >40, Deduct	*-122.92*	
26 56 13 00-0465	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	907.54	202.87
		For Bronze Or Satin Anodized Finish, Add	*50.18*	
		For Black Anodized Finish, Add	*100.36*	
		For >10 To 20, Deduct	*-30.22*	
		For >20 To 40, Deduct	*-55.41*	
		For >40, Deduct	*-115.84*	
26 56 13 00-0466	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	981.09	219.77
		For Bronze Or Satin Anodized Finish, Add	*54.15*	
		For Black Anodized Finish, Add	*108.31*	
		For >10 To 20, Deduct	*-32.65*	
		For >20 To 40, Deduct	*-59.89*	
		For >40, Deduct	*-125.19*	
26 56 13 00-0467	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,049.40	236.68
		For Bronze Or Satin Anodized Finish, Add	*57.60*	
		For Black Anodized Finish, Add	*115.21*	
		For >10 To 20, Deduct	*-34.88*	
		For >20 To 40, Deduct	*-63.99*	
		For >40, Deduct	*-133.74*	
26 56 13 00-0468	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,066.81	219.77
		For Bronze Or Satin Anodized Finish, Add	*62.73*	
		For Black Anodized Finish, Add	*125.45*	
		For >10 To 20, Deduct	*-36.08*	
		For >20 To 40, Deduct	*-65.89*	
		For >40, Deduct	*-138.04*	
26 56 13 00-0469	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,363.74	270.49
		For Bronze Or Satin Anodized Finish, Add	*82.28*	
		For Black Anodized Finish, Add	*164.55*	
		For >10 To 20, Deduct	*-46.43*	
		For >20 To 40, Deduct	*-84.64*	
		For >40, Deduct	*-177.51*	
26 56 13 00-0470	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,481.88	270.49
		For Bronze Or Satin Anodized Finish, Add	*94.09*	
		For Black Anodized Finish, Add	*188.18*	
		For >10 To 20, Deduct	*-51.16*	
		For >20 To 40, Deduct	*-92.91*	
		For >40, Deduct	*-195.23*	
26 56 13 00-0471	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,650.91	304.30
		For Bronze Or Satin Anodized Finish, Add	*104.23*	
		For Black Anodized Finish, Add	*208.46*	
		For >10 To 20, Deduct	*-56.91*	
		For >20 To 40, Deduct	*-103.39*	
		For >40, Deduct	*-217.21*	
26 56 13 00-0472	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,779.50	304.30
		For Bronze Or Satin Anodized Finish, Add	*117.09*	
		For Black Anodized Finish, Add	*234.18*	
		For >10 To 20, Deduct	*-62.05*	
		For >20 To 40, Deduct	*-112.39*	
		For >40, Deduct	*-236.49*	

26 56 13 00-0473 Square Straight, Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0474 Square Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0473)*

26 56 13 00-0475	EA	8' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	837.50	202.87
		For Bronze Or Satin Anodized Finish, Add	*43.18*	
		For Black Anodized Finish, Add	*86.35*	
		For >10 To 20, Deduct	*-27.41*	
		For >20 To 40, Deduct	*-50.51*	
		For >40, Deduct	*-105.34*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0476	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	927.08	236.68
		For Bronze Or Satin Anodized Finish, Add	*45.37*	
		For Black Anodized Finish, Add	*90.74*	
		For >10 To 20, Deduct	*-29.98*	
		For >20 To 40, Deduct	*-55.43*	
		For >40, Deduct	*-115.39*	
26 56 13 00-0477	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,025.02	270.49
		For Bronze Or Satin Anodized Finish, Add	*48.40*	
		For Black Anodized Finish, Add	*96.81*	
		For >10 To 20, Deduct	*-32.89*	
		For >20 To 40, Deduct	*-60.93*	
		For >40, Deduct	*-126.70*	
26 56 13 00-0478	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,121.92	304.30
		For Bronze Or Satin Anodized Finish, Add	*51.33*	
		For Black Anodized Finish, Add	*102.66*	
		For >10 To 20, Deduct	*-35.75*	
		For >20 To 40, Deduct	*-66.36*	
		For >40, Deduct	*-137.86*	
26 56 13 00-0479	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,174.54	321.20
		For Bronze Or Satin Anodized Finish, Add	*53.21*	
		For Black Anodized Finish, Add	*106.43*	
		For >10 To 20, Deduct	*-37.35*	
		For >20 To 40, Deduct	*-69.37*	
		For >40, Deduct	*-144.06*	
26 56 13 00-0480	EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,227.17	338.12
		For Bronze Or Satin Anodized Finish, Add	*55.10*	
		For Black Anodized Finish, Add	*110.19*	
		For >10 To 20, Deduct	*-38.94*	
		For >20 To 40, Deduct	*-72.38*	
		For >40, Deduct	*-150.26*	
26 56 13 00-0481	EA	18' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,330.34	371.92
		For Bronze Or Satin Anodized Finish, Add	*58.65*	
		For Black Anodized Finish, Add	*117.30*	
		For >10 To 20, Deduct	*-42.06*	
		For >20 To 40, Deduct	*-78.25*	
		For >40, Deduct	*-162.36*	
26 56 13 00-0482	EA	20' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,442.92	405.73
		For Bronze Or Satin Anodized Finish, Add	*63.15*	
		For Black Anodized Finish, Add	*126.29*	
		For >10 To 20, Deduct	*-45.54*	
		For >20 To 40, Deduct	*-84.78*	
		For >40, Deduct	*-175.86*	
26 56 13 00-0483	EA	16' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,299.30	338.12
		For Bronze Or Satin Anodized Finish, Add	*62.31*	
		For Black Anodized Finish, Add	*124.62*	
		For >10 To 20, Deduct	*-41.83*	
		For >20 To 40, Deduct	*-77.43*	
		For >40, Deduct	*-161.08*	
26 56 13 00-0484	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,404.57	371.92
		For Bronze Or Satin Anodized Finish, Add	*66.07*	
		For Black Anodized Finish, Add	*132.14*	
		For >10 To 20, Deduct	*-45.03*	
		For >20 To 40, Deduct	*-83.44*	
		For >40, Deduct	*-173.49*	
26 56 13 00-0485	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,523.41	405.73
		For Bronze Or Satin Anodized Finish, Add	*71.19*	
		For Black Anodized Finish, Add	*142.39*	
		For >10 To 20, Deduct	*-48.76*	
		For >20 To 40, Deduct	*-90.41*	
		For >40, Deduct	*-187.94*	
26 56 13 00-0486	EA	15' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,488.17	321.20
		For Bronze Or Satin Anodized Finish, Add	*84.58*	
		For Black Anodized Finish, Add	*169.15*	
		For >10 To 20, Deduct	*-49.89*	
		For >20 To 40, Deduct	*-91.32*	
		For >40, Deduct	*-191.11*	
26 56 13 00-0487	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,823.46	405.73
		For Bronze Or Satin Anodized Finish, Add	*101.20*	
		For Black Anodized Finish, Add	*202.40*	
		For >10 To 20, Deduct	*-60.77*	
		For >20 To 40, Deduct	*-111.41*	
		For >40, Deduct	*-232.95*	
26 56 13 00-0488	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	2,224.63	540.98
		For Bronze Or Satin Anodized Finish, Add	*114.27*	
		For Black Anodized Finish, Add	*228.53*	
		For >10 To 20, Deduct	*-72.76*	
		For >20 To 40, Deduct	*-134.08*	
		For >40, Deduct	*-279.60*	
26 56 13 00-0489	EA	20' High, 4" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,588.23	405.73
		For Bronze Or Satin Anodized Finish, Add	*77.68*	
		For Black Anodized Finish, Add	*155.35*	
		For >10 To 20, Deduct	*-51.36*	
		For >20 To 40, Deduct	*-94.95*	
		For >40, Deduct	*-197.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0490	EA	20' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,949.95	405.73
		For Bronze Or Satin Anodized Finish, Add	*113.85*	
		For Black Anodized Finish, Add	*227.70*	
		For >10 To 20, Deduct	*-65.83*	
		For >20 To 40, Deduct	*-120.27*	
		For >40, Deduct	*-251.92*	
26 56 13 00-0491	EA	25' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,339.62	540.98
		For Bronze Or Satin Anodized Finish, Add	*125.77*	
		For Black Anodized Finish, Add	*251.53*	
		For >10 To 20, Deduct	*-77.36*	
		For >20 To 40, Deduct	*-142.13*	
		For >40, Deduct	*-296.85*	
26 56 13 00-0492	EA	20' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,148.59	405.73
		For Bronze Or Satin Anodized Finish, Add	*133.71*	
		For Black Anodized Finish, Add	*267.42*	
		For >10 To 20, Deduct	*-73.77*	
		For >20 To 40, Deduct	*-134.17*	
		For >40, Deduct	*-281.72*	
26 56 13 00-0493	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,598.89	540.98
		For Bronze Or Satin Anodized Finish, Add	*151.69*	
		For Black Anodized Finish, Add	*303.39*	
		For >10 To 20, Deduct	*-87.73*	
		For >20 To 40, Deduct	*-160.28*	
		For >40, Deduct	*-335.74*	
26 56 13 00-0494	EA	30' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	3,003.86	608.61
		For Bronze Or Satin Anodized Finish, Add	*178.67*	
		For Black Anodized Finish, Add	*357.33*	
		For >10 To 20, Deduct	*-101.90*	
		For >20 To 40, Deduct	*-185.93*	
		For >40, Deduct	*-389.72*	

26 56 13 00-0495 Square Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0473)*

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0496	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	750.02	169.06
		For Bronze Or Satin Anodized Finish, Add	*41.19*	
		For Black Anodized Finish, Add	*82.38*	
		For >10 To 20, Deduct	*-24.93*	
		For >20 To 40, Deduct	*-45.74*	
		For >40, Deduct	*-95.60*	
26 56 13 00-0497	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	837.14	185.96
		For Bronze Or Satin Anodized Finish, Add	*46.52*	
		For Black Anodized Finish, Add	*93.04*	
		For >10 To 20, Deduct	*-27.91*	
		For >20 To 40, Deduct	*-51.16*	
		For >40, Deduct	*-106.98*	
26 56 13 00-0498	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	892.91	202.87
		For Bronze Or Satin Anodized Finish, Add	*48.72*	
		For Black Anodized Finish, Add	*97.44*	
		For >10 To 20, Deduct	*-29.63*	
		For >20 To 40, Deduct	*-54.39*	
		For >40, Deduct	*-113.65*	
26 56 13 00-0499	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	919.04	202.87
		For Bronze Or Satin Anodized Finish, Add	*51.33*	
		For Black Anodized Finish, Add	*102.66*	
		For >10 To 20, Deduct	*-30.68*	
		For >20 To 40, Deduct	*-56.22*	
		For >40, Deduct	*-117.57*	
26 56 13 00-0500	EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	951.45	202.87
		For Bronze Or Satin Anodized Finish, Add	*54.57*	
		For Black Anodized Finish, Add	*109.14*	
		For >10 To 20, Deduct	*-31.97*	
		For >20 To 40, Deduct	*-58.49*	
		For >40, Deduct	*-122.43*	
26 56 13 00-0501	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,096.09	219.77
		For Bronze Or Satin Anodized Finish, Add	*65.65*	
		For Black Anodized Finish, Add	*131.31*	
		For >10 To 20, Deduct	*-37.25*	
		For >20 To 40, Deduct	*-67.94*	
		For >40, Deduct	*-142.44*	
26 56 13 00-0502	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,174.85	236.68
		For Bronze Or Satin Anodized Finish, Add	*70.15*	
		For Black Anodized Finish, Add	*140.30*	
		For >10 To 20, Deduct	*-39.89*	
		For >20 To 40, Deduct	*-72.77*	
		For >40, Deduct	*-152.56*	
26 56 13 00-0503	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,338.98	236.68
		For Bronze Or Satin Anodized Finish, Add	*86.56*	
		For Black Anodized Finish, Add	*173.12*	
		For >10 To 20, Deduct	*-46.46*	
		For >20 To 40, Deduct	*-84.26*	
		For >40, Deduct	*-177.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0504	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,538.33	270.49
		For Bronze Or Satin Anodized Finish, Add	*99.74*	
		For Black Anodized Finish, Add	*199.47*	
		For >10 To 20, Deduct	*-53.42*	
		For >20 To 40, Deduct	*-96.86*	
		For >40, Deduct	*-203.70*	
26 56 13 00-0505	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Direct Burial	1,905.28	270.49
		For Bronze Or Satin Anodized Finish, Add	*136.43*	
		For Black Anodized Finish, Add	*272.86*	
		For >10 To 20, Deduct	*-68.10*	
		For >20 To 40, Deduct	*-122.55*	
		For >40, Deduct	*-258.74*	
26 56 13 00-0506		**Factory Accessories For Aluminum Area Light Poles** *(26 56 13 00-0294)*		
26 56 13 00-0507	EA	1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Aluminum Area Light Poles	91.25	
26 56 13 00-0508	EA	Extra Handhole For Aluminum Area Light Poles	38.97	
26 56 13 00-0509	EA	Vibration Dampener For Aluminum Area Light Poles	138.04	
26 56 13 00-0510		**Fiberglass Area Light Poles** *(26 56 13 00-0177)*		
		Note: Includes UV resistant textured weave finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions and tenon top.		
26 56 13 00-0511		**Round Tapered, Fiberglass Area Light Poles** *(26 56 13 00-0510)*		
26 56 13 00-0512		**Round Tapered, Fiberglass Area Light Poles, Anchor Base** *(26 56 13 00-0511)*		
26 56 13 00-0513	EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,323.06	236.68
		For >10 To 20, Deduct	*-45.82*	
		For >20 To 40, Deduct	*-83.15*	
		For >40, Deduct	*-174.79*	
26 56 13 00-0514	EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,441.26	270.49
		For >10 To 20, Deduct	*-49.54*	
		For >20 To 40, Deduct	*-90.07*	
		For >40, Deduct	*-189.14*	
26 56 13 00-0515	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,560.91	304.30
		For >10 To 20, Deduct	*-53.31*	
		For >20 To 40, Deduct	*-97.09*	
		For >40, Deduct	*-203.71*	
26 56 13 00-0516	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,679.10	338.12
		For >10 To 20, Deduct	*-57.02*	
		For >20 To 40, Deduct	*-104.01*	
		For >40, Deduct	*-218.05*	
26 56 13 00-0517	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,823.32	371.92
		For >10 To 20, Deduct	*-61.78*	
		For >20 To 40, Deduct	*-112.76*	
		For >40, Deduct	*-236.31*	
26 56 13 00-0518	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,944.40	405.73
		For >10 To 20, Deduct	*-65.60*	
		For >20 To 40, Deduct	*-119.88*	
		For >40, Deduct	*-251.09*	
26 56 13 00-0519	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,131.67	473.36
		For >10 To 20, Deduct	*-71.07*	
		For >20 To 40, Deduct	*-130.28*	
		For >40, Deduct	*-272.42*	
26 56 13 00-0520	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,317.49	540.98
		For >10 To 20, Deduct	*-76.47*	
		For >20 To 40, Deduct	*-140.59*	
		For >40, Deduct	*-293.53*	
26 56 13 00-0521	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,434.55	540.98
		For >10 To 20, Deduct	*-81.15*	
		For >20 To 40, Deduct	*-148.78*	
		For >40, Deduct	*-311.08*	
26 56 13 00-0522	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,604.77	574.79
		For >10 To 20, Deduct	*-86.95*	
		For >20 To 40, Deduct	*-159.34*	
		For >40, Deduct	*-333.24*	
26 56 13 00-0523	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,774.99	608.61
		For >10 To 20, Deduct	*-92.74*	
		For >20 To 40, Deduct	*-169.91*	
		For >40, Deduct	*-355.39*	
26 56 13 00-0524	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,456.01	236.68
		For >10 To 20, Deduct	*-51.14*	
		For >20 To 40, Deduct	*-92.45*	
		For >40, Deduct	*-194.73*	
26 56 13 00-0525	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,548.19	270.49
		For >10 To 20, Deduct	*-53.81*	
		For >20 To 40, Deduct	*-97.55*	
		For >40, Deduct	*-205.18*	
26 56 13 00-0526	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,641.84	304.30
		For >10 To 20, Deduct	*-56.54*	
		For >20 To 40, Deduct	*-102.76*	
		For >40, Deduct	*-215.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0527	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,738.35	338.12
		For >10 To 20, Deduct	*-59.39*	
		For >20 To 40, Deduct	*-108.16*	
		For >40, Deduct	*-226.94*	
26 56 13 00-0528	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,842.10	371.92
		For >10 To 20, Deduct	*-62.53*	
		For >20 To 40, Deduct	*-114.07*	
		For >40, Deduct	*-239.12*	
26 56 13 00-0529	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,944.40	405.73
		For >10 To 20, Deduct	*-65.60*	
		For >20 To 40, Deduct	*-119.88*	
		For >40, Deduct	*-251.09*	
26 56 13 00-0530	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,114.33	473.36
		For >10 To 20, Deduct	*-70.37*	
		For >20 To 40, Deduct	*-129.07*	
		For >40, Deduct	*-269.81*	
26 56 13 00-0531	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,317.49	540.98
		For >10 To 20, Deduct	*-76.47*	
		For >20 To 40, Deduct	*-140.59*	
		For >40, Deduct	*-293.53*	
26 56 13 00-0532	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,366.63	540.98
		For >10 To 20, Deduct	*-78.44*	
		For >20 To 40, Deduct	*-144.02*	
		For >40, Deduct	*-300.90*	
26 56 13 00-0533	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,484.82	574.79
		For >10 To 20, Deduct	*-82.15*	
		For >20 To 40, Deduct	*-150.95*	
		For >40, Deduct	*-315.24*	
26 56 13 00-0534	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,603.02	608.61
		For >10 To 20, Deduct	*-85.86*	
		For >20 To 40, Deduct	*-157.87*	
		For >40, Deduct	*-329.59*	
26 56 13 00-0535	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,651.09	236.68
		For >10 To 20, Deduct	*-58.94*	
		For >20 To 40, Deduct	*-106.11*	
		For >40, Deduct	*-224.00*	
26 56 13 00-0536	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,763.51	270.49
		For >10 To 20, Deduct	*-62.43*	
		For >20 To 40, Deduct	*-112.63*	
		For >40, Deduct	*-237.48*	
26 56 13 00-0537	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,875.94	304.30
		For >10 To 20, Deduct	*-65.91*	
		For >20 To 40, Deduct	*-119.14*	
		For >40, Deduct	*-250.96*	
26 56 13 00-0538	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,989.79	338.12
		For >10 To 20, Deduct	*-69.45*	
		For >20 To 40, Deduct	*-125.76*	
		For >40, Deduct	*-264.66*	
26 56 13 00-0539	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,109.44	371.92
		For >10 To 20, Deduct	*-73.22*	
		For >20 To 40, Deduct	*-132.78*	
		For >40, Deduct	*-279.22*	
26 56 13 00-0540	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,237.75	405.73
		For >10 To 20, Deduct	*-77.34*	
		For >20 To 40, Deduct	*-140.41*	
		For >40, Deduct	*-295.09*	
26 56 13 00-0541	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,446.69	473.36
		For >10 To 20, Deduct	*-83.67*	
		For >20 To 40, Deduct	*-152.33*	
		For >40, Deduct	*-319.67*	
26 56 13 00-0542	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,657.09	540.98
		For >10 To 20, Deduct	*-90.05*	
		For >20 To 40, Deduct	*-164.36*	
		For >40, Deduct	*-344.47*	
26 56 13 00-0543	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,732.23	540.98
		For >10 To 20, Deduct	*-93.06*	
		For >20 To 40, Deduct	*-169.62*	
		For >40, Deduct	*-355.74*	
26 56 13 00-0544	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,918.35	574.79
		For >10 To 20, Deduct	*-99.49*	
		For >20 To 40, Deduct	*-181.29*	
		For >40, Deduct	*-380.27*	
26 56 13 00-0545	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,071.22	608.61
		For >10 To 20, Deduct	*-104.59*	
		For >20 To 40, Deduct	*-190.64*	
		For >40, Deduct	*-399.82*	
26 56 13 00-0546	EA	32' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,190.30	625.51
		For >10 To 20, Deduct	*-108.85*	
		For >20 To 40, Deduct	*-198.30*	
		For >40, Deduct	*-415.99*	
26 56 13 00-0547	EA	34' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,309.37	642.41
		For >10 To 20, Deduct	*-113.10*	
		For >20 To 40, Deduct	*-205.96*	
		For >40, Deduct	*-432.16*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0548		Round Tapered, Fiberglass Area Light Poles, Direct Burial *(26 56 13 00-0511)*		
26 56 13 00-0549	EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	823.66	169.06
		For >10 To 20, Deduct	*-27.87*	
		For >20 To 40, Deduct	*-50.89*	
		For >40, Deduct	*-106.64*	
26 56 13 00-0550	EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	884.92	185.96
		For >10 To 20, Deduct	*-29.82*	
		For >20 To 40, Deduct	*-54.51*	
		For >40, Deduct	*-114.14*	
26 56 13 00-0551	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	944.74	202.87
		For >10 To 20, Deduct	*-31.70*	
		For >20 To 40, Deduct	*-58.02*	
		For >40, Deduct	*-121.42*	
26 56 13 00-0552	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	969.31	202.87
		For >10 To 20, Deduct	*-32.69*	
		For >20 To 40, Deduct	*-59.74*	
		For >40, Deduct	*-125.11*	
26 56 13 00-0553	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,043.59	219.77
		For >10 To 20, Deduct	*-35.15*	
		For >20 To 40, Deduct	*-64.26*	
		For >40, Deduct	*-134.56*	
26 56 13 00-0554	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,106.30	236.68
		For >10 To 20, Deduct	*-37.15*	
		For >20 To 40, Deduct	*-67.97*	
		For >40, Deduct	*-142.28*	
26 56 13 00-0555	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,173.34	253.59
		For >10 To 20, Deduct	*-39.33*	
		For >20 To 40, Deduct	*-71.99*	
		For >40, Deduct	*-150.64*	
26 56 13 00-0556	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,247.62	270.49
		For >10 To 20, Deduct	*-41.79*	
		For >20 To 40, Deduct	*-76.51*	
		For >40, Deduct	*-160.09*	
26 56 13 00-0557	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,386.35	270.49
		For >10 To 20, Deduct	*-47.34*	
		For >20 To 40, Deduct	*-86.22*	
		For >40, Deduct	*-180.90*	
26 56 13 00-0558	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,558.88	287.39
		For >10 To 20, Deduct	*-53.73*	
		For >20 To 40, Deduct	*-97.63*	
		For >40, Deduct	*-205.09*	
26 56 13 00-0559	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,731.43	304.30
		For >10 To 20, Deduct	*-60.13*	
		For >20 To 40, Deduct	*-109.03*	
		For >40, Deduct	*-229.28*	
26 56 13 00-0560	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	956.61	169.06
		For >10 To 20, Deduct	*-33.19*	
		For >20 To 40, Deduct	*-60.20*	
		For >40, Deduct	*-126.59*	
26 56 13 00-0561	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,025.09	185.96
		For >10 To 20, Deduct	*-35.42*	
		For >20 To 40, Deduct	*-64.32*	
		For >40, Deduct	*-135.17*	
26 56 13 00-0562	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,093.58	202.87
		For >10 To 20, Deduct	*-37.66*	
		For >20 To 40, Deduct	*-68.44*	
		For >40, Deduct	*-143.75*	
26 56 13 00-0563	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,129.71	202.87
		For >10 To 20, Deduct	*-39.10*	
		For >20 To 40, Deduct	*-70.97*	
		For >40, Deduct	*-149.17*	
26 56 13 00-0564	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,198.21	219.77
		For >10 To 20, Deduct	*-41.34*	
		For >20 To 40, Deduct	*-75.08*	
		For >40, Deduct	*-157.75*	
26 56 13 00-0565	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,266.70	236.68
		For >10 To 20, Deduct	*-43.57*	
		For >20 To 40, Deduct	*-79.20*	
		For >40, Deduct	*-166.34*	
26 56 13 00-0566	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,335.19	253.59
		For >10 To 20, Deduct	*-45.80*	
		For >20 To 40, Deduct	*-83.32*	
		For >40, Deduct	*-174.92*	
26 56 13 00-0567	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,436.92	270.49
		For >10 To 20, Deduct	*-49.36*	
		For >20 To 40, Deduct	*-89.76*	
		For >40, Deduct	*-188.49*	
26 56 13 00-0568	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,571.31	270.49
		For >10 To 20, Deduct	*-54.74*	
		For >20 To 40, Deduct	*-99.17*	
		For >40, Deduct	*-208.65*	
26 56 13 00-0569	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,740.96	287.39
		For >10 To 20, Deduct	*-61.02*	
		For >20 To 40, Deduct	*-110.37*	
		For >40, Deduct	*-232.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0570	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,909.17	304.30
		For >10 To 20, Deduct	*-67.24*	
		For >20 To 40, Deduct	*-121.47*	
		For >40, Deduct	*-255.95*	
26 56 13 00-0571	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,073.66	169.06
		For >10 To 20, Deduct	*-37.87*	
		For >20 To 40, Deduct	*-68.39*	
		For >40, Deduct	*-144.14*	
26 56 13 00-0572	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,133.47	185.96
		For >10 To 20, Deduct	*-39.76*	
		For >20 To 40, Deduct	*-71.90*	
		For >40, Deduct	*-151.42*	
26 56 13 00-0573	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,191.85	202.87
		For >10 To 20, Deduct	*-41.59*	
		For >20 To 40, Deduct	*-75.31*	
		For >40, Deduct	*-158.49*	
26 56 13 00-0574	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,216.41	202.87
		For >10 To 20, Deduct	*-42.57*	
		For >20 To 40, Deduct	*-77.03*	
		For >40, Deduct	*-162.18*	
26 56 13 00-0575	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,274.80	219.77
		For >10 To 20, Deduct	*-44.40*	
		For >20 To 40, Deduct	*-80.45*	
		For >40, Deduct	*-169.24*	
26 56 13 00-0576	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,334.62	236.68
		For >10 To 20, Deduct	*-46.28*	
		For >20 To 40, Deduct	*-83.96*	
		For >40, Deduct	*-176.53*	
26 56 13 00-0577	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,443.57	253.59
		For >10 To 20, Deduct	*-50.14*	
		For >20 To 40, Deduct	*-90.91*	
		For >40, Deduct	*-191.18*	
26 56 13 00-0578	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,569.87	270.49
		For >10 To 20, Deduct	*-54.68*	
		For >20 To 40, Deduct	*-99.07*	
		For >40, Deduct	*-208.43*	
26 56 13 00-0579	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,653.68	270.49
		For >10 To 20, Deduct	*-58.03*	
		For >20 To 40, Deduct	*-104.94*	
		For >40, Deduct	*-221.00*	
26 56 13 00-0580	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,772.75	287.39
		For >10 To 20, Deduct	*-62.29*	
		For >20 To 40, Deduct	*-112.60*	
		For >40, Deduct	*-237.17*	
26 56 13 00-0581	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,891.83	304.30
		For >10 To 20, Deduct	*-66.54*	
		For >20 To 40, Deduct	*-120.26*	
		For >40, Deduct	*-253.34*	
26 56 13 00-0582		Factory Accessories For Fiberglass Area Light Poles *(26 56 13 00-0510)*		
26 56 13 00-0583	EA	Open Or Capped Top For Fiberglass Area Light Poles	51.23	
26 56 13 00-0584	EA	Factory Side Drilling Up To Four Fixtures On Fiberglass Area Light Poles	51.23	
26 56 13 00-0585	EA	Smooth Shaft Finish For Fiberglass Area Light Poles	97.21	
26 56 13 00-0586	EA	Vibration Dampener For Fiberglass Area Light Poles	128.74	
26 56 13 00-0587		Concrete Area Light Poles *(26 56 13 00-0177)*		
26 56 13 00-0588		Octagonal Tapered, Spun Concrete Area Light Poles, Anchor Base *(26 56 13 00-0587)*		
26 56 13 00-0589	EA	28' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,196.02	574.79
26 56 13 00-0590	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,315.97	608.61
26 56 13 00-0591	EA	33' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,400.89	625.51
26 56 13 00-0592	EA	36' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,950.38	642.41
26 56 13 00-0593	EA	38' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,267.82	676.22
26 56 13 00-0594	EA	43' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,055.52	879.09
26 56 13 00-0595	EA	47' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,865.92	1,081.96
26 56 13 00-0596	EA	27' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base Note: Polished brown with acrylic coating finish.	4,594.84	574.79
26 56 13 00-0597	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base Note: Polished brown with acrylic coating finish.	5,288.88	608.61
26 56 13 00-0598	EA	Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40'	677.23	202.87
26 56 13 00-0599	EA	13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design	2,750.61	405.60
26 56 13 00-0600	EA	Pole Base Cover For All Octagon Poles	262.40	82.77
26 56 13 00-0601	EA	Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze	538.34	165.54
26 56 13 00-0602		Tapered, Spun Concrete Area Light Poles, Direct Burial *(26 56 13 00-0587)* Note: Round or square.		
26 56 13 00-0603	EA	13' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,269.58	270.49
26 56 13 00-0604	EA	16' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,572.94	338.12
26 56 13 00-0605	EA	18' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,849.46	405.73
26 56 13 00-0606	EA	30' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	3,981.50	608.61
26 56 13 00-0607	EA	35' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	4,575.97	642.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0608	EA	40' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	5,218.04	676.22
26 56 13 00-0609	EA	45' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	6,073.48	879.09
26 56 13 00-0610		**Round Tapered, Spun Concrete Area Light Poles, Direct Burial** *(26 56 13 00-0587)*		
26 56 13 00-0611	EA	60' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 60 9-22)	17,889.90	1,521.50
26 56 13 00-0612	EA	70' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 70 9-24)	21,314.71	1,865.71
26 56 13 00-0613	EA	80' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C1 80 9-26)	25,292.35	2,520.35
26 56 13 00-0614		**Treated Wood Area Light Poles** *(26 56 13 00-0177)*		
		See CSI section 26 05 46 00-0001 for wood poles.		
26 56 13 00-0615		**Cast Iron Decorative Light Posts** *(26 56 13 00-0177)*		
26 56 13 00-0616		**Round Tapered, Cast Iron Decorative Light Post, Anchor Base** *(26 56 13 00-0615)*		
		Note: As manufactured by Hadco and King Luminaries or an approved equal.		
26 56 13 00-0617	EA	10' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,737.06	169.06
26 56 13 00-0618	EA	12' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,825.59	194.75
26 56 13 00-0619	EA	14' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,982.84	202.87
26 56 13 00-0620	EA	16' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,441.02	236.68
26 56 13 00-0621	EA	18' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,858.44	256.96
26 56 13 00-0622	EA	20' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	3,296.42	277.25
26 56 13 00-0623		**Landscape Light Poles** *(26 56 13 00-0001)*		
		Note: Excludes lighting fixtures.		
26 56 13 00-0624		**Aluminum Landscape Light Poles** *(26 56 13 00-0623)*		
		Note: Includes painted finish.		
26 56 13 00-0625		**Round Straight, Aluminum Landscape Light Poles** *(26 56 13 00-0624)*		
26 56 13 00-0626		**Round Straight, Aluminum Landscape Light Poles, Anchor Base** *(26 56 13 00-0625)*		
26 56 13 00-0627	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	498.76	202.87
26 56 13 00-0628	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	835.42	270.49
26 56 13 00-0629		**Round Straight, Aluminum Landscape Light Poles, Direct Burial** *(26 56 13 00-0625)*		
26 56 13 00-0630	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	454.98	202.87
26 56 13 00-0631	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	791.63	270.49
26 56 13 00-0632		**Steel Landscape Light Poles** *(26 56 13 00-0623)*		
		Note: Includes painted finish.		
26 56 13 00-0633		**Round Straight, Steel Landscape Light Poles** *(26 56 13 00-0632)*		
26 56 13 00-0634		**Round Straight, Steel Landscape Light Poles, Anchor Base** *(26 56 13 00-0633)*		
26 56 13 00-0635	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Anchor Base	561.51	202.87
26 56 13 00-0636		**Round Straight, Steel Landscape Light Poles, Direct Burial** *(26 56 13 00-0633)*		
26 56 13 00-0637	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Direct Burial	526.62	202.87
26 56 13 00-0638		**Light Pole Brackets And Arms** *(26 56 13 00-0001)*		
26 56 13 00-0639		**Light Pole Brackets** *(26 56 13 00-0638)*		
26 56 13 00-0640		**Bullhorn Style, Pole Top Area Light Brackets** *(26 56 13 00-0639)*		
26 56 13 00-0641		**Round Bullhorn Style, Pole Top Area Light Brackets** *(26 56 13 00-0640)*		
26 56 13 00-0642		**Steel, Round Bullhorn Style, Pole Top Area Light Brackets** *(26 56 13 00-0641)*		
		Note: Includes powdercoat finish.		
26 56 13 00-0643	EA	Two Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	705.87	40.57
		For Galvanized Finish, Add	*62.47*	
26 56 13 00-0644	EA	Three Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	894.36	40.57
		For Galvanized Finish, Add	*81.32*	
26 56 13 00-0645	EA	Three Tenons At 120 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	951.90	40.57
		For Galvanized Finish, Add	*87.08*	
26 56 13 00-0646	EA	Four Tenons At 90 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	1,307.04	40.57
		For Galvanized Finish, Add	*122.59*	
26 56 13 00-0647	EA	Four Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	1,362.35	40.57
		For Galvanized Finish, Add	*128.12*	
26 56 13 00-0648		**Aluminum, Round Bullhorn Style, Pole Top Area Light Brackets** *(26 56 13 00-0641)*		
		Note: Includes satin brushed or painted finish.		
26 56 13 00-0649	EA	Two Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	251.55	40.57
		For Bronze Or Satin Anodized Finish, Add	*17.04*	
		For Black Anodized Finish, Add	*34.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0650	EA	Three Tenons At 120 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	305.91	40.57
		For Bronze Or Satin Anodized Finish, Add	*22.48*	
		For Black Anodized Finish, Add	*44.95*	
26 56 13 00-0651	EA	Three Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	320.55	40.57
		For Bronze Or Satin Anodized Finish, Add	*23.94*	
		For Black Anodized Finish, Add	*47.88*	
26 56 13 00-0652	EA	Four Tenons At 90 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	371.77	40.57
		For Bronze Or Satin Anodized Finish, Add	*29.06*	
		For Black Anodized Finish, Add	*58.13*	
26 56 13 00-0653	EA	Four Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	382.23	40.57
		For Bronze Or Satin Anodized Finish, Add	*30.11*	
		For Black Anodized Finish, Add	*60.22*	
26 56 13 00-0654		Square Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0640)*		
26 56 13 00-0655		Steel, Square Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0654)*		
		Note: Includes powdercoat finish.		
26 56 13 00-0656	EA	Two Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	759.69	40.57
		For Galvanized Finish, Add	*67.86*	
26 56 13 00-0657	EA	Three Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	940.24	40.57
		For Galvanized Finish, Add	*85.91*	
26 56 13 00-0658	EA	Four Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	1,152.29	40.57
		For Galvanized Finish, Add	*107.12*	
26 56 13 00-0659	EA	Four Tenons At 90 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	1,365.33	40.57
		For Galvanized Finish, Add	*128.42*	
26 56 13 00-0660		Wood Pole Clamp On Style, Pole Top Area Light Brackets *(26 56 13 00-0639)*		
26 56 13 00-0661		Steel, Wood Pole Clamp On Style, Pole Top Area Light Brackets *(26 56 13 00-0660)*		
		Note: Includes powdercoat finish.		
26 56 13 00-0662	EA	One Tenon, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	713.10	67.63
26 56 13 00-0663	EA	Two Tenons At 90, 120 Or 180 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,082.63	67.63
26 56 13 00-0664	EA	Three Tenons At 120 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,519.87	67.63
26 56 13 00-0665	EA	Four Tenons At 90 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,663.71	67.63
26 56 13 00-0666		Light Pole Arms *(26 56 13 00-0638)*		
26 56 13 00-0667		Wood Pole Streetlight Arms *(26 56 13 00-0666)*		
26 56 13 00-0668		Steel, Wood Pole Streetlight Arms *(26 56 13 00-0667)*		
26 56 13 00-0669	EA	1-1/4" Arm Diameter, 2-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	409.91	60.86
26 56 13 00-0670	EA	1-1/4" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	433.10	67.63
26 56 13 00-0671	EA	1-1/4" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	500.90	84.53
26 56 13 00-0672	EA	2" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	610.18	67.63
26 56 13 00-0673	EA	2" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	677.48	84.53
26 56 13 00-0674	EA	2" Arm Diameter, 7-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	822.64	101.43
26 56 13 00-0675		Aluminum, Wood Pole Streetlight Arms *(26 56 13 00-0667)*		
26 56 13 00-0676	EA	1-1/4" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	252.30	67.63
26 56 13 00-0677	EA	2" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	312.35	67.63
26 56 13 00-0678	EA	2" Arm Diameter, 66" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	417.49	84.53
26 56 13 00-0679	EA	2" Arm Diameter, 90" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	547.51	101.43
26 56 13 00-0680		Area Light Arms *(26 56 13 00-0666)*		
26 56 13 00-0681		Steel Area Light Arms *(26 56 13 00-0680)*		
26 56 13 00-0682	EA	Single, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	794.10	67.63
26 56 13 00-0683	EA	Two, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,252.87	74.39
26 56 13 00-0684	EA	Three, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,392.50	81.14
26 56 13 00-0685	EA	Four, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,655.68	87.91
26 56 13 00-0686	EA	Single, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	946.31	84.53
26 56 13 00-0687	EA	Two, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,358.75	91.29
26 56 13 00-0688		Aluminum Area Light Arms *(26 56 13 00-0680)*		
26 56 13 00-0689	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	305.65	67.63
26 56 13 00-0690	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	377.10	84.53
26 56 13 00-0691	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	450.64	101.43
26 56 13 00-0692	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	303.56	67.63
26 56 13 00-0693	EA	Two, 4' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	429.99	74.39
26 56 13 00-0694	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	372.92	84.53
26 56 13 00-0695	EA	Two, 6' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	524.44	91.29
26 56 13 00-0696	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	452.73	101.43
26 56 13 00-0697	EA	Two, 8' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	636.66	108.20
26 56 13 00-0698		Removal And Reinstallation Of Lighting Pole *(26 56 13 00-0001)*		
26 56 13 00-0699	EA	Removal And Relocation Of Up To 45' Lighting Pole And Standards With One Or Two Arms	2,231.76	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0700		High Mast Lighting *(26 56 13 00-0001)*		
26 56 13 00-0701		High Mast Lighting Assemblies *(26 56 13 00-0700)*		
		Note: Includes non-latching system, ring assembly with internal bumper, acrylic top cover, pulley supports, cast arm filter for pipe tension, transition assembly, standard head frame assembly, standard hoist, and powder coated pole.		
26 56 13 00-0702	EA	60' High Mast Lighting Assembly	54,717.68	2,071.01
26 56 13 00-0703	EA	70' High Mast Lighting Assembly	57,799.25	2,169.07
26 56 13 00-0704	EA	80' High Mast Lighting Assembly	60,914.55	2,310.73
26 56 13 00-0705	EA	90' High Mast Lighting Assembly	64,061.77	2,495.99
26 56 13 00-0706	EA	100' High Mast Lighting Assembly	67,226.36	2,724.77
26 56 13 00-0707	EA	110' High Mast Lighting Assembly	71,298.73	2,997.45
26 56 13 00-0708	EA	120' High Mast Lighting Assembly	74,588.06	3,269.91
26 56 13 00-0709	EA	130' High Mast Lighting Assembly	77,625.54	3,542.36
26 56 13 00-0710	EA	140' High Mast Lighting Assembly	80,914.88	3,814.95
26 56 13 00-0711	EA	150' High Mast Lighting Assembly	84,916.78	4,087.42
26 56 13 00-0712		High Mast Light Poles *(26 56 13 00-0700)*		
26 56 13 00-0713	EA	60' High Mast Light Poles	20,790.92	1,243.81
26 56 13 00-0714	EA	70' High Mast Light Poles	23,843.03	1,302.73
26 56 13 00-0715	EA	80' High Mast Light Poles	26,915.80	1,387.82
26 56 13 00-0716	EA	90' High Mast Light Poles	30,007.36	1,499.11
26 56 13 00-0717	EA	100' High Mast Light Poles	33,119.58	1,636.59
26 56 13 00-0718	EA	110' High Mast Light Poles	36,252.46	1,800.25
26 56 13 00-0719	EA	120' High Mast Light Poles	38,620.53	1,963.91
26 56 13 00-0720	EA	130' High Mast Light Poles	38,607.33	3,639.78
26 56 13 00-0721	EA	140' High Mast Light Poles	43,102.96	2,291.23
26 56 13 00-0722	EA	150' High Mast Light Poles	45,724.72	2,454.89
26 56 13 00-0723		High Mast Lighting Accessories *(26 56 13 00-0700)*		
26 56 13 00-0724	EA	Bottom Latching System For High Mast Lighting	963.67	
26 56 13 00-0725	EA	Top Latching System For High Mast Lighting	2,727.23	
26 56 13 00-0726	EA	Centering Springs For High Mast Lighting	2,065.47	
26 56 13 00-0727	EA	Electric Power Cord For High Mast Lighting	868.34	
26 56 13 00-0728	EA	Aircraft Warning Lights For High Mast Lighting	1,618.10	
26 56 13 00-0729	EA	Internal Motorized Hoist For High Mast Lighting	17,645.66	
26 56 13 00-0730	EA	Portable Hoist Motor With Step Down Transformer For High Mast Lighting	17,748.35	
26 56 13 00-0731		Concrete Bases *(26 56 13 00-0001)*		
26 56 13 00-0732		Concrete Bases, Cast In Place *(26 56 13 00-0731)*		
		Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill. Excludes conduit.		
26 56 13 00-0733	EA	Cast In Place Concrete Base For Poles Minimum Charge	364.34	
		Note: For projects where the cast in place concrete base for poles charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
26 56 13 00-0734	VLF	1-1/2' Diameter Concrete Base For Poles	51.00	
26 56 13 00-0735	VLF	2' Diameter Concrete Base For Poles	76.07	
26 56 13 00-0736	VLF	2-1/2' Diameter Concrete Base For Poles	107.04	
26 56 13 00-0737	VLF	3' Diameter Concrete Base For Poles	144.64	
26 56 13 00-0738	VLF	3-1/2' Diameter Concrete Base For Poles	191.85	
26 56 13 00-0739	VLF	4' Diameter Concrete Base For Poles	242.97	
26 56 13 00-0740	VLF	5' Diameter Concrete Base For Poles	358.35	
26 56 13 00-0741	VLF	6' Diameter Concrete Base For Poles	497.79	
26 56 18		**Incandescent Exterior Lighting** *(26 56)*		
26 56 18 00-0001		Exterior Globe *(26 56 18)*		
26 56 18 00-0002		Incandescent, Exterior Globe *(26 56 18 00-0001)*		
26 56 18 00-0003	EA	100 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	59.02	22.10
26 56 18 00-0004	EA	150 To 200 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	89.56	22.10
26 56 18 00-0005	EA	100 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	68.77	22.10
26 56 18 00-0006	EA	150 To 200 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	93.32	22.10
26 56 18 00-0007		Compact Fluorescent And Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 18)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 18 00-0008	EA	7 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	254.10	88.40
26 56 18 00-0009	EA	9 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	265.19	93.93
26 56 18 00-0010	EA	13 Or 14 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	291.30	99.45
26 56 18 00-0011	EA	75 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	286.15	110.50
26 56 18 00-0012	EA	100 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	322.22	127.08

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19		**LED Exterior Lighting** *(26 56)*		
26 56 19 00-0001		LED, Wall Packs *(26 56 19)*		
26 56 19 00-0002		Full Cutoff, LED Wall Packs *(26 56 19 00-0001)*		
26 56 19 00-0003		Full Cutoff, LED Wall Packs (Lithonia) *(26 56 19 00-0002)*		
26 56 19 00-0004	EA	30 LEDs, 57 Watt, 530 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	964.45	118.44
		For >50 To 100, Deduct	*-48.22*	
		For >100 To 250, Deduct	*-72.33*	
		For >250 To 500, Deduct	*-114.63*	
		For >500 To 1000, Deduct	*-156.93*	
		For >1000, Deduct	*-199.24*	
26 56 19 00-0005	EA	30 LEDs, 35 Watt, 350 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	1,043.43	118.44
		For >50 To 100, Deduct	*-52.17*	
		For >100 To 250, Deduct	*-78.26*	
		For >250 To 500, Deduct	*-124.51*	
		For >500 To 1000, Deduct	*-170.76*	
		For >1000, Deduct	*-217.01*	
26 56 19 00-0006		Full Cutoff, LED Wall Packs (CREE® BetaLED®) *(26 56 19 00-0002)*		
26 56 19 00-0007		Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® Edge® SEC-EDG) *(26 56 19 00-0006)*		
		Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0008	EA	20 LEDs, 26 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	933.83	115.06
		Note: Includes 350mA or 525mA driver.		
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Bird Spikes, Add	*48.22*	
		For Fuse, Add	*58.28*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For 480 Volt, Add	*87.42*	
		For Multi-Level, Add	*126.26*	
		For >50 To 100, Deduct	*-46.69*	
		For >100 To 250, Deduct	*-70.04*	
		For >250 To 500, Deduct	*-110.98*	
		For >500 To 1000, Deduct	*-151.91*	
		For >1000, Deduct	*-192.85*	
26 56 19 00-0009	EA	40 LEDs, 47 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,202.35	121.83
		Note: Includes 350mA or 525mA driver.		
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Bird Spikes, Add	*48.89*	
		For Fuse, Add	*58.28*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For 480 Volt, Add	*87.42*	
		For Multi-Level, Add	*126.26*	
		For >50 To 100, Deduct	*-60.12*	
		For >100 To 250, Deduct	*-90.18*	
		For >250 To 500, Deduct	*-144.20*	
		For >500 To 1000, Deduct	*-198.23*	
		For >1000, Deduct	*-252.26*	
26 56 19 00-0010	EA	60 LEDs, 68 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,347.58	128.59
		Note: Includes 350mA or 525mA driver.		
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Bird Spikes, Add	*49.57*	
		For Fuse, Add	*58.28*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For 480 Volt, Add	*87.42*	
		For Multi-Level, Add	*126.26*	
		For >50 To 100, Deduct	*-67.38*	
		For >100 To 250, Deduct	*-101.07*	
		For >250 To 500, Deduct	*-162.02*	
		For >500 To 1000, Deduct	*-222.97*	
		For >1000, Deduct	*-283.92*	
26 56 19 00-0011	EA	80 LEDs, 90 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,739.37	135.37
		Note: Includes 350mA or 525mA driver.		
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Bird Spikes, Add	*50.25*	
		For Fuse, Add	*58.28*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For 480 Volt, Add	*87.42*	
		For Multi-Level, Add	*126.26*	
		For >50 To 100, Deduct	*-86.97*	
		For >100 To 250, Deduct	*-130.45*	
		For >250 To 500, Deduct	*-210.65*	
		For >500 To 1000, Deduct	*-290.85*	
		For >1000, Deduct	*-371.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0012	EA	100 LEDs, 111 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	2,007.89	142.13
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Bird Spikes, Add	*50.92*	
		For Fuse, Add	*58.28*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For 480 Volt, Add	*87.42*	
		For Multi-Level, Add	*126.26*	
		For >50 To 100, Deduct	*-100.39*	
		For >100 To 250, Deduct	*-150.59*	
		For >250 To 500, Deduct	*-243.88*	
		For >500 To 1000, Deduct	*-337.17*	
		For >1000, Deduct	*-430.46*	
26 56 19 00-0013	EA	120 LEDs, 132 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	2,276.39	148.90
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Bird Spikes, Add	*51.60*	
		For Fuse, Add	*58.28*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For 480 Volt, Add	*87.42*	
		For Multi-Level, Add	*126.26*	
		For >50 To 100, Deduct	*-113.82*	
		For >100 To 250, Deduct	*-170.73*	
		For >250 To 500, Deduct	*-277.10*	
		For >500 To 1000, Deduct	*-383.48*	
		For >1000, Deduct	*-489.85*	

26 56 19 00-0014 Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® XSPW™) *(26 56 19 00-0006)*

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, Class 2 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0015	EA	25 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	555.21	115.06
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For Multi-Level, Add	*58.28*	
		For >50 To 100, Deduct	*-27.76*	
		For >100 To 250, Deduct	*-41.64*	
		For >250 To 500, Deduct	*-63.65*	
		For >500 To 1000, Deduct	*-85.66*	
		For >1000, Deduct	*-107.66*	
26 56 19 00-0016	EA	42 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	644.60	121.83
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For Multi-Level, Add	*58.28*	
		For >50 To 100, Deduct	*-32.23*	
		For >100 To 250, Deduct	*-48.35*	
		For >250 To 500, Deduct	*-74.48*	
		For >500 To 1000, Deduct	*-100.62*	
		For >1000, Deduct	*-126.76*	

26 56 19 00-0017 Open Face LED Wall Pack *(26 56 19 00-0001)*

Note: Heavy-duty cast aluminum housing is polyester powder coated to be rust and corrosion proof, High-quality shatter-resistant glass

26 56 19 00-0018	EA	3,640 Lumens, 28 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP28U-50B-MS)	730.25	120.96
		For >50 To 100, Deduct	*-36.51*	
		For >100 To 250, Deduct	*-54.77*	
		For >250 To 500, Deduct	*-82.21*	
		For >500 To 1000, Deduct	*-109.65*	
		For >1000, Deduct	*-137.09*	
26 56 19 00-0019	EA	5,540 Lumens, 40 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP40U-50B-MS)	784.60	120.96
		For >50 To 100, Deduct	*-39.23*	
		For >100 To 250, Deduct	*-58.85*	
		For >250 To 500, Deduct	*-89.00*	
		For >500 To 1000, Deduct	*-119.16*	
		For >1000, Deduct	*-149.32*	
26 56 19 00-0020	EA	7,065 Lumens, 50 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP50U-50B-MS)	813.07	120.96
		For >50 To 100, Deduct	*-40.65*	
		For >100 To 250, Deduct	*-60.98*	
		For >250 To 500, Deduct	*-92.56*	
		For >500 To 1000, Deduct	*-124.14*	
		For >1000, Deduct	*-155.73*	
26 56 19 00-0021	EA	11,375 Lumens, 80 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP80U-50B-MS)	836.15	120.96
		For >50 To 100, Deduct	*-41.81*	
		For >100 To 250, Deduct	*-62.71*	
		For >250 To 500, Deduct	*-95.45*	
		For >500 To 1000, Deduct	*-128.18*	
		For >1000, Deduct	*-160.92*	
26 56 19 00-0022	EA	16,945 Lumens, 120 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP120U-50B-MS)	1,009.31	120.96
		For >50 To 100, Deduct	*-50.47*	
		For >100 To 250, Deduct	*-75.70*	
		For >250 To 500, Deduct	*-117.09*	
		For >500 To 1000, Deduct	*-158.49*	
		For >1000, Deduct	*-199.88*	

26 56 19 00-0023 Wall Pack Accessories *(26 56 19 00-0001)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0024	EA	Photocell For Wall Pack	135.18	30.24
26 56 19 00-0025	EA	Wire Guard For Mini And Small Wall Pack	150.80	30.24
26 56 19 00-0026	EA	Wire Guard For Medium And Large Wall Pack	216.12	30.24
26 56 19 00-0027	EA	Clear Polycarbonate Vandal Guard For Wall Packs	310.37	30.24
26 56 19 00-0028	EA	Full Cutoff Visor For Wall Pack	146.54	30.24

26 56 19 00-0029 LED, Roadway Lighting *(26 56 19)*

26 56 19 00-0030 LED Roadway Lighting (Philips Lumec) *(26 56 19 00-0029)*

26 56 19 00-0031 Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec GPL Series) *(26 56 19 00-0030)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 570mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0032	EA	49 LEDs, 102 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLS Series)	1,553.15	162.77
		For >50 To 100, Deduct	*-77.66*	
		For >100 To 250, Deduct	*-116.49*	
		For >250 To 500, Deduct	*-186.01*	
		For >500 To 1000, Deduct	*-255.52*	
		For >1000, Deduct	*-325.04*	
26 56 19 00-0033	EA	98 LEDs, 204 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLM Series)	2,428.94	167.17
		For >50 To 100, Deduct	*-121.45*	
		For >100 To 250, Deduct	*-182.17*	
		For >250 To 500, Deduct	*-295.26*	
		For >500 To 1000, Deduct	*-408.35*	
		For >1000, Deduct	*-521.44*	

26 56 19 00-0034 Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec RFM Series) *(26 56 19 00-0030)*

Note: UL wet listed. Includes 3,000 to 4,000K color temperature, 120-277 voltage, up to 1050mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0035	EA	48 LEDs, 55 Watt, Type III Medium, 120-277 Volt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec RFM Series)	1,127.02	162.77
		For >50 To 100, Deduct	*-56.35*	
		For >100 To 250, Deduct	*-84.53*	
		For >250 To 500, Deduct	*-132.74*	
		For >500 To 1000, Deduct	*-180.95*	
		For >1000, Deduct	*-229.16*	
26 56 19 00-0036	EA	48 LEDs, 80 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series)	1,127.02	162.77
		For >50 To 100, Deduct	*-56.35*	
		For >100 To 250, Deduct	*-84.53*	
		For >250 To 500, Deduct	*-132.74*	
		For >500 To 1000, Deduct	*-180.95*	
		For >1000, Deduct	*-229.16*	
26 56 19 00-0037	EA	48 LEDs, 108 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series)	1,127.02	162.77
		For >50 To 100, Deduct	*-56.35*	
		For >100 To 250, Deduct	*-84.53*	
		For >250 To 500, Deduct	*-132.74*	
		For >500 To 1000, Deduct	*-180.95*	
		For >1000, Deduct	*-229.16*	

26 56 19 00-0038 LED Roadway Lighting (Lithonia) *(26 56 19 00-0029)*

26 56 19 00-0039 Horizontal Tenon Mount, LED Cobra Head Street Lights (Lithonia CSX1 Series) *(26 56 19 00-0038)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 700mA driver, die-cast extruded aluminum housing assembly and bronze powder coat finish. Excludes sensors.

26 56 19 00-0040	EA	30 LEDs, 74 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	2,260.13	153.98
		For >50 To 100, Deduct	*-113.01*	
		For >100 To 250, Deduct	*-169.51*	
		For >250 To 500, Deduct	*-274.82*	
		For >500 To 1000, Deduct	*-380.13*	
		For >1000, Deduct	*-485.43*	
26 56 19 00-0041	EA	60 LEDs, 146 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	3,741.62	158.37
		For >50 To 100, Deduct	*-187.08*	
		For >100 To 250, Deduct	*-280.62*	
		For >250 To 500, Deduct	*-459.78*	
		For >500 To 1000, Deduct	*-638.95*	
		For >1000, Deduct	*-818.11*	

26 56 19 00-0042 LED Roadway Lighting (CREE® BetaLED®) *(26 56 19 00-0029)*

26 56 19 00-0043 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® LEDway® STR-LWY) *(26 56 19 00-0042)*

Note: UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type II Medium, Type II Short or Type III Medium optic. Excludes sensors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0044	EA	20 LEDs, 25 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	862.47	149.57
		For >50 To 100, Deduct	*-43.12*	
		For >100 To 250, Deduct	*-64.69*	
		For >250 To 500, Deduct	*-100.33*	
		For >500 To 1000, Deduct	*-135.97*	
		For >1000, Deduct	*-171.62*	
26 56 19 00-0045	EA	30 LEDs, 35 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	966.79	153.98
		For >50 To 100, Deduct	*-48.34*	
		For >100 To 250, Deduct	*-72.51*	
		For >250 To 500, Deduct	*-113.15*	
		For >500 To 1000, Deduct	*-153.79*	
		For >1000, Deduct	*-194.43*	
26 56 19 00-0046	EA	40 LEDs, 45 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,092.55	158.37
		For >50 To 100, Deduct	*-54.63*	
		For >100 To 250, Deduct	*-81.94*	
		For >250 To 500, Deduct	*-128.65*	
		For >500 To 1000, Deduct	*-175.36*	
		For >1000, Deduct	*-222.07*	
26 56 19 00-0047	EA	50 LEDs, 55 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,198.52	162.77
		For >50 To 100, Deduct	*-59.93*	
		For >100 To 250, Deduct	*-89.89*	
		For >250 To 500, Deduct	*-141.68*	
		For >500 To 1000, Deduct	*-193.46*	
		For >1000, Deduct	*-245.25*	
26 56 19 00-0048	EA	60 LEDs, 65 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,304.50	167.17
		For >50 To 100, Deduct	*-65.23*	
		For >100 To 250, Deduct	*-97.84*	
		For >250 To 500, Deduct	*-154.70*	
		For >500 To 1000, Deduct	*-211.57*	
		For >1000, Deduct	*-268.44*	
26 56 19 00-0049	EA	70 LEDs, 75 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,555.44	171.57
		For >50 To 100, Deduct	*-77.77*	
		For >100 To 250, Deduct	*-116.66*	
		For >250 To 500, Deduct	*-185.85*	
		For >500 To 1000, Deduct	*-255.04*	
		For >1000, Deduct	*-324.24*	
26 56 19 00-0050	EA	80 LEDs, 86 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,661.41	175.97
		For >50 To 100, Deduct	*-83.07*	
		For >100 To 250, Deduct	*-124.61*	
		For >250 To 500, Deduct	*-198.88*	
		For >500 To 1000, Deduct	*-273.15*	
		For >1000, Deduct	*-347.42*	
26 56 19 00-0051	EA	90 LEDs, 96 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,765.75	180.37
		For >50 To 100, Deduct	*-88.29*	
		For >100 To 250, Deduct	*-132.43*	
		For >250 To 500, Deduct	*-211.70*	
		For >500 To 1000, Deduct	*-290.97*	
		For >1000, Deduct	*-370.24*	
26 56 19 00-0052	EA	100 LEDs, 111 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,968.91	184.77
		For >50 To 100, Deduct	*-98.45*	
		For >100 To 250, Deduct	*-147.67*	
		For >250 To 500, Deduct	*-236.88*	
		For >500 To 1000, Deduct	*-326.08*	
		For >1000, Deduct	*-415.29*	
26 56 19 00-0053	EA	110 LEDs, 122 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	2,074.89	189.17
		For >50 To 100, Deduct	*-103.74*	
		For >100 To 250, Deduct	*-155.62*	
		For >250 To 500, Deduct	*-249.90*	
		For >500 To 1000, Deduct	*-344.19*	
		For >1000, Deduct	*-438.47*	
26 56 19 00-0054	EA	120 LEDs, 133 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	2,180.86	193.57
		For >50 To 100, Deduct	*-109.04*	
		For >100 To 250, Deduct	*-163.56*	
		For >250 To 500, Deduct	*-262.93*	
		For >500 To 1000, Deduct	*-362.29*	
		For >1000, Deduct	*-461.66*	

26 56 19 00-0055 Surface Mount, LED Transportation Fixtures (CREE® BetaLED® Edge® TSP-EDG) *(26 56 19 00-0042)*

Note: Direct, cantenary or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0056	EA	40 LEDs, 47 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,693.75	158.37
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-84.69*	
		For >100 To 250, Deduct	*-127.03*	
		For >250 To 500, Deduct	*-203.80*	
		For >500 To 1000, Deduct	*-280.57*	
		For >1000, Deduct	*-357.34*	
26 56 19 00-0057	EA	60 LEDs, 68 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,953.47	167.17
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-97.67*	
		For >100 To 250, Deduct	*-146.51*	
		For >250 To 500, Deduct	*-235.83*	
		For >500 To 1000, Deduct	*-325.14*	
		For >1000, Deduct	*-414.46*	
26 56 19 00-0058	EA	80 LEDs, 90 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,213.20	175.97
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-110.66*	
		For >100 To 250, Deduct	*-165.99*	
		For >250 To 500, Deduct	*-267.85*	
		For >500 To 1000, Deduct	*-369.71*	
		For >1000, Deduct	*-471.57*	
26 56 19 00-0059	EA	100 LEDs, 111 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,472.93	184.77
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-123.65*	
		For >100 To 250, Deduct	*-185.47*	
		For >250 To 500, Deduct	*-299.88*	
		For >500 To 1000, Deduct	*-414.29*	
		For >1000, Deduct	*-528.69*	
26 56 19 00-0060	EA	120 LEDs, 132 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,246.56	193.57
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-162.33*	
		For >100 To 250, Deduct	*-243.49*	
		For >250 To 500, Deduct	*-396.14*	
		For >500 To 1000, Deduct	*-548.79*	
		For >1000, Deduct	*-701.44*	
26 56 19 00-0061	EA	140 LEDs, 157 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,506.29	202.36
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-175.31*	
		For >100 To 250, Deduct	*-262.97*	
		For >250 To 500, Deduct	*-428.17*	
		For >500 To 1000, Deduct	*-593.36*	
		For >1000, Deduct	*-758.56*	
26 56 19 00-0062	EA	160 LEDs, 179 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,766.00	211.17
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-188.30*	
		For >100 To 250, Deduct	*-282.45*	
		For >250 To 500, Deduct	*-460.19*	
		For >500 To 1000, Deduct	*-637.93*	
		For >1000, Deduct	*-815.68*	

26 56 19 00-0063 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® XSP) *(26 56 19 00-0042)*

Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0064	EA	4,806 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	722.67	158.37
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Backlight Control Shield, Add	*34.21*	
		For Field Adjustable Output, Add	*29.15*	
		For Bird Spikes, Add	*52.55*	
		For Field Adjustable Output And Utility Label, Add	*38.86*	
		For Fuse, Add	*58.28*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*58.28*	
		For 480 Volt, Add	*87.42*	
		For Multi-Level, Add	*126.26*	
		For >50 To 100, Deduct	*-36.13*	
		For >100 To 250, Deduct	*-54.20*	
		For >250 To 500, Deduct	*-82.42*	
		For >500 To 1000, Deduct	*-110.63*	
		For >1000, Deduct	*-138.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0065	EA	5,340 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	722.67	158.37
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Backlight Control Shield, Add	*34.21*	
		For Field Adjustable Output, Add	*29.15*	
		For Bird Spikes, Add	*52.55*	
		For Field Adjustable Output And Utility Label, Add	*38.86*	
		For Fuse, Add	*58.28*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*58.28*	
		For 480 Volt, Add	*87.42*	
		For Multi-Level, Add	*126.26*	
		For >50 To 100, Deduct	*-36.13*	
		For >100 To 250, Deduct	*-54.20*	
		For >250 To 500, Deduct	*-82.42*	
		For >500 To 1000, Deduct	*-110.63*	
		For >1000, Deduct	*-138.84*	
26 56 19 00-0066	EA	8,407 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	796.10	158.37
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Backlight Control Shield, Add	*34.21*	
		For Field Adjustable Output, Add	*29.15*	
		For Bird Spikes, Add	*52.55*	
		For Field Adjustable Output And Utility Label, Add	*38.86*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*58.28*	
		For 480 Volt, Add	*87.42*	
		For >50 To 100, Deduct	*-39.81*	
		For >100 To 250, Deduct	*-59.71*	
		For >250 To 500, Deduct	*-91.59*	
		For >500 To 1000, Deduct	*-123.48*	
		For >1000, Deduct	*-155.37*	
26 56 19 00-0067	EA	8,820 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	796.10	158.37
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Backlight Control Shield, Add	*34.21*	
		For Field Adjustable Output, Add	*29.15*	
		For Bird Spikes, Add	*52.55*	
		For Field Adjustable Output And Utility Label, Add	*38.86*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*58.28*	
		For 480 Volt, Add	*87.42*	
		For >50 To 100, Deduct	*-39.81*	
		For >100 To 250, Deduct	*-59.71*	
		For >250 To 500, Deduct	*-91.59*	
		For >500 To 1000, Deduct	*-123.48*	
		For >1000, Deduct	*-155.37*	
26 56 19 00-0068	EA	9,612 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	926.63	158.37
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Field Adjustable Output, Add	*29.15*	
		For Backlight Control Shield, Add	*48.47*	
		For Field Adjustable Output And Utility Label, Add	*38.86*	
		For Fuse, Add	*58.28*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*58.28*	
		For Bird Spikes, Add	*85.20*	
		For 480 Volt, Add	*87.42*	
		For Multi-Level, Add	*126.26*	
		For >50 To 100, Deduct	*-46.33*	
		For >100 To 250, Deduct	*-69.50*	
		For >250 To 500, Deduct	*-107.91*	
		For >500 To 1000, Deduct	*-146.32*	
		For >1000, Deduct	*-184.74*	
26 56 19 00-0069	EA	10,680 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	926.63	158.37
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Field Adjustable Output, Add	*29.15*	
		For Backlight Control Shield, Add	*48.47*	
		For Field Adjustable Output And Utility Label, Add	*38.86*	
		For Fuse, Add	*58.28*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*58.28*	
		For Bird Spikes, Add	*85.20*	
		For 480 Volt, Add	*87.42*	
		For Multi-Level, Add	*126.26*	
		For >50 To 100, Deduct	*-46.33*	
		For >100 To 250, Deduct	*-69.50*	
		For >250 To 500, Deduct	*-107.91*	
		For >500 To 1000, Deduct	*-146.32*	
		For >1000, Deduct	*-184.74*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0070	EA	13,732 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	1,049.03	158.37
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Field Adjustable Output, Add	*29.15*	
		For Backlight Control Shield, Add	*48.47*	
		For Field Adjustable Output And Utility Label, Add	*38.86*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*58.28*	
		For Bird Spikes, Add	*85.20*	
		For 480 Volt, Add	*87.42*	
		For >50 To 100, Deduct	*-52.45*	
		For >100 To 250, Deduct	*-78.68*	
		For >250 To 500, Deduct	*-123.21*	
		For >500 To 1000, Deduct	*-167.74*	
		For >1000, Deduct	*-212.28*	
26 56 19 00-0071	EA	14,408 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	1,049.03	158.37
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Field Adjustable Output, Add	*29.15*	
		For Backlight Control Shield, Add	*48.47*	
		For Field Adjustable Output And Utility Label, Add	*38.86*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*58.28*	
		For Bird Spikes, Add	*85.20*	
		For 480 Volt, Add	*87.42*	
		For >50 To 100, Deduct	*-52.45*	
		For >100 To 250, Deduct	*-78.68*	
		For >250 To 500, Deduct	*-123.21*	
		For >500 To 1000, Deduct	*-167.74*	
		For >1000, Deduct	*-212.28*	
26 56 19 00-0072	EA	2,529 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	592.12	158.37
		For Utility Label, Add	*9.71*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*29.15*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For >50 To 100, Deduct	*-29.61*	
		For >100 To 250, Deduct	*-44.41*	
		For >250 To 500, Deduct	*-66.10*	
		For >500 To 1000, Deduct	*-87.78*	
		For >1000, Deduct	*-109.47*	
26 56 19 00-0073	EA	2,722 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	592.12	158.37
		For Utility Label, Add	*9.71*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*29.15*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For >50 To 100, Deduct	*-29.61*	
		For >100 To 250, Deduct	*-44.41*	
		For >250 To 500, Deduct	*-66.10*	
		For >500 To 1000, Deduct	*-87.78*	
		For >1000, Deduct	*-109.47*	
26 56 19 00-0074	EA	3,819 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	622.72	158.37
		For Utility Label, Add	*9.71*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*29.15*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For >50 To 100, Deduct	*-31.14*	
		For >100 To 250, Deduct	*-46.70*	
		For >250 To 500, Deduct	*-69.92*	
		For >500 To 1000, Deduct	*-93.14*	
		For >1000, Deduct	*-116.36*	
26 56 19 00-0075	EA	4,109 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	622.72	158.37
		For Utility Label, Add	*9.71*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*29.15*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For >50 To 100, Deduct	*-31.14*	
		For >100 To 250, Deduct	*-46.70*	
		For >250 To 500, Deduct	*-69.92*	
		For >500 To 1000, Deduct	*-93.14*	
		For >1000, Deduct	*-116.36*	
26 56 19 00-0076	EA	4,548 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	632.92	158.37
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Field Adjustable Output, Add	*29.15*	
		For Field Adjustable Output And Utility Label, Add	*38.86*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*58.28*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For >50 To 100, Deduct	*-31.65*	
		For >100 To 250, Deduct	*-47.47*	
		For >250 To 500, Deduct	*-71.20*	
		For >500 To 1000, Deduct	*-94.92*	
		For >1000, Deduct	*-118.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0077	EA	4,627 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	632.92	158.37
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Field Adjustable Output, Add	*29.15*	
		For Field Adjustable Output And Utility Label, Add	*38.86*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*58.28*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For >50 To 100, Deduct	*-31.65*	
		For >100 To 250, Deduct	*-47.47*	
		For >250 To 500, Deduct	*-71.20*	
		For >500 To 1000, Deduct	*-94.92*	
		For >1000, Deduct	*-118.65*	

26 56 19 00-0078 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® RSW™)

(26 56 19 00-0042)

Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and gray powder coat finish. Includes utility label and NEMA® photocell receptacle. Excludes sensors.

26 56 19 00-0079	EA	3,300 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-30K-UL-GY-N)	612.53	158.37
		For Field Adjustable Output, Add	*29.15*	
		For Backlight Control Shield, Add	*64.41*	
		For Bird Spikes, Add	*85.77*	
		For >50 To 100, Deduct	*-30.63*	
		For >100 To 250, Deduct	*-45.94*	
		For >250 To 500, Deduct	*-68.65*	
		For >500 To 1000, Deduct	*-91.36*	
		For >1000, Deduct	*-114.06*	
26 56 19 00-0080	EA	3,300 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-40K-UL-GY-N)	612.53	158.37
		For Field Adjustable Output, Add	*29.15*	
		For Backlight Control Shield, Add	*64.41*	
		For Bird Spikes, Add	*85.77*	
		For >50 To 100, Deduct	*-30.63*	
		For >100 To 250, Deduct	*-45.94*	
		For >250 To 500, Deduct	*-68.65*	
		For >500 To 1000, Deduct	*-91.36*	
		For >1000, Deduct	*-114.06*	
26 56 19 00-0081	EA	5,000 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-30K-UL-GY-N)	632.92	158.37
		For Field Adjustable Output, Add	*29.15*	
		For Backlight Control Shield, Add	*64.41*	
		For Bird Spikes, Add	*85.77*	
		For >50 To 100, Deduct	*-31.65*	
		For >100 To 250, Deduct	*-47.47*	
		For >250 To 500, Deduct	*-71.20*	
		For >500 To 1000, Deduct	*-94.92*	
		For >1000, Deduct	*-118.65*	
26 56 19 00-0082	EA	5,000 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-40K-UL-GY-N)	632.92	158.37
		For Field Adjustable Output, Add	*29.15*	
		For Backlight Control Shield, Add	*64.41*	
		For Bird Spikes, Add	*85.77*	
		For >50 To 100, Deduct	*-31.65*	
		For >100 To 250, Deduct	*-47.47*	
		For >250 To 500, Deduct	*-71.20*	
		For >500 To 1000, Deduct	*-94.92*	
		For >1000, Deduct	*-118.65*	

26 56 19 00-0083 LED Roadway Lighting (Cooper Lighting) *(26 56 19 00-0029)*

26 56 19 00-0084 Horizontal Tenon Mount, LED Roadway Fixtures (Cooper Lighting Streetworks NVN™) *(26 56 19 00-0083)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0085	EA	1 LED Light Square, 51 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	988.07	158.37
		For >50 To 100, Deduct	*-49.40*	
		For >100 To 250, Deduct	*-74.11*	
		For >250 To 500, Deduct	*-115.59*	
		For >500 To 1000, Deduct	*-157.07*	
		For >1000, Deduct	*-198.56*	
26 56 19 00-0086	EA	2 LED Light Squares, 103 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,341.11	175.97
		For >50 To 100, Deduct	*-67.06*	
		For >100 To 250, Deduct	*-100.58*	
		For >250 To 500, Deduct	*-158.84*	
		For >500 To 1000, Deduct	*-217.10*	
		For >1000, Deduct	*-275.35*	
26 56 19 00-0087	EA	3 LED Light Squares, 154 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,437.87	202.36
		For >50 To 100, Deduct	*-71.89*	
		For >100 To 250, Deduct	*-107.84*	
		For >250 To 500, Deduct	*-169.62*	
		For >500 To 1000, Deduct	*-231.39*	
		For >1000, Deduct	*-293.17*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0088	EA	4 LED Light Squares, 206 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	2,143.35	219.96
		For >50 To 100, Deduct	*-107.17*	
		For >100 To 250, Deduct	*-160.75*	
		For >250 To 500, Deduct	*-256.92*	
		For >500 To 1000, Deduct	*-353.09*	
		For >1000, Deduct	*-449.26*	
26 56 19 00-0089	EA	6 LED Light Squares, 309 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	2,812.97	250.42
		For >50 To 100, Deduct	*-140.65*	
		For >100 To 250, Deduct	*-210.97*	
		For >250 To 500, Deduct	*-339.10*	
		For >500 To 1000, Deduct	*-467.23*	
		For >1000, Deduct	*-595.36*	

26 56 19 00-0090 LED Roadway Lighting (PlanLED) *(26 56 19 00-0029)*

26 56 19 00-0091 Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera HERA) *(26 56 19 00-0090)*

Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0092	EA	8,500 Lumens, 85 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 85W)	1,189.26	153.98
		For >50 To 100, Deduct	*-59.46*	
		For >100 To 250, Deduct	*-89.19*	
		For >250 To 500, Deduct	*-140.96*	
		For >500 To 1000, Deduct	*-192.72*	
		For >1000, Deduct	*-244.49*	
26 56 19 00-0093	EA	11,000 Lumens, 110 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 110W)	1,294.19	155.67
		For >50 To 100, Deduct	*-64.71*	
		For >100 To 250, Deduct	*-97.06*	
		For >250 To 500, Deduct	*-153.99*	
		For >500 To 1000, Deduct	*-210.92*	
		For >1000, Deduct	*-267.84*	
26 56 19 00-0094	EA	15,000 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 150W)	1,376.78	158.37
		For >50 To 100, Deduct	*-68.84*	
		For >100 To 250, Deduct	*-103.26*	
		For >250 To 500, Deduct	*-164.18*	
		For >500 To 1000, Deduct	*-225.10*	
		For >1000, Deduct	*-286.02*	

26 56 19 00-0095 Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera SETA) *(26 56 19 00-0090)*

Note: UL wet listed. Includes 3,000K, 3,500K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0096	EA	7,200 Lumens, 60 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET060)	781.78	150.25
		For >50 To 100, Deduct	*-39.09*	
		For >100 To 250, Deduct	*-58.63*	
		For >250 To 500, Deduct	*-90.21*	
		For >500 To 1000, Deduct	*-121.79*	
		For >1000, Deduct	*-153.36*	
26 56 19 00-0097	EA	10,000 Lumens, 80 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET080)	837.95	152.96
		For >50 To 100, Deduct	*-41.90*	
		For >100 To 250, Deduct	*-62.85*	
		For >250 To 500, Deduct	*-97.10*	
		For >500 To 1000, Deduct	*-131.35*	
		For >1000, Deduct	*-165.60*	
26 56 19 00-0098	EA	12,500 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET100)	926.63	155.67
		For >50 To 100, Deduct	*-46.33*	
		For >100 To 250, Deduct	*-69.50*	
		For >250 To 500, Deduct	*-108.05*	
		For >500 To 1000, Deduct	*-146.59*	
		For >1000, Deduct	*-185.14*	

26 56 19 00-0099 Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera META) *(26 56 19 00-0090)*

Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0100	EA	13,000 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT100)	985.52	155.67
		For 0 To 10 Volt Dimming, Add	*87.74*	
		For 480 Volt, Add	*87.74*	
		For >50 To 100, Deduct	*-49.28*	
		For >100 To 250, Deduct	*-73.91*	
		For >250 To 500, Deduct	*-115.41*	
		For >500 To 1000, Deduct	*-156.90*	
		For >1000, Deduct	*-198.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0101	EA	16,900 Lumens, 130 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT130)	1,093.83	157.02
		For 0 To 10 Volt Dimming, Add	*87.74*	
		For 480 Volt, Add	*26.49*	
		For >50 To 100, Deduct	*-54.69*	
		For >100 To 250, Deduct	*-82.04*	
		For >250 To 500, Deduct	*-128.88*	
		For >500 To 1000, Deduct	*-175.72*	
		For >1000, Deduct	*-222.56*	
26 56 19 00-0102	EA	19,500 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT150)	1,177.77	158.37
		For 0 To 10 Volt Dimming, Add	*87.74*	
		For 480 Volt, Add	*109.64*	
		For >50 To 100, Deduct	*-58.89*	
		For >100 To 250, Deduct	*-88.33*	
		For >250 To 500, Deduct	*-139.30*	
		For >500 To 1000, Deduct	*-190.27*	
		For >1000, Deduct	*-241.24*	

26 56 19 00-0103 LED Roadway Lighting (General Electric) *(26 56 19 00-0029)*

26 56 19 00-0104 Horizontal Tenon Mount, LED Cobra Head Street Lights (General Electric)

(26 56 19 00-0103)

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or gray powder coat finish. Excludes sensors.

26 56 19 00-0105	EA	2,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 AXBX 3 40 7 GRAY D) (DLC Certified)	945.53	175.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-47.28*	
		For >100 To 250, Deduct	*-70.91*	
		For >250 To 500, Deduct	*-109.39*	
		For >500 To 1000, Deduct	*-147.87*	
		For >1000, Deduct	*-186.35*	
26 56 19 00-0106	EA	2,600 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 2XBX 7 40 7 GRAY D) (DLC Certified)	922.21	175.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-46.11*	
		For >100 To 250, Deduct	*-69.17*	
		For >250 To 500, Deduct	*-106.48*	
		For >500 To 1000, Deduct	*-143.79*	
		For >1000, Deduct	*-181.10*	
26 56 19 00-0107	EA	4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 BXCX 5 40 7 GRAY D) (DLC Certified)	968.85	175.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-48.44*	
		For >100 To 250, Deduct	*-72.66*	
		For >250 To 500, Deduct	*-112.31*	
		For >500 To 1000, Deduct	*-151.95*	
		For >1000, Deduct	*-191.60*	
26 56 19 00-0108	EA	6,600 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 CXBX 7 40 7 GRAY D) (DLC Certified)	1,127.84	175.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-56.39*	
		For >100 To 250, Deduct	*-84.59*	
		For >250 To 500, Deduct	*-132.18*	
		For >500 To 1000, Deduct	*-179.78*	
		For >1000, Deduct	*-227.37*	
26 56 19 00-0109	EA	10,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS2 0 HXCX 5 40 7 GRAY D) (DLC Certified)	1,363.16	175.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-68.16*	
		For >100 To 250, Deduct	*-102.24*	
		For >250 To 500, Deduct	*-161.60*	
		For >500 To 1000, Deduct	*-220.96*	
		For >1000, Deduct	*-280.32*	
26 56 19 00-0110	EA	13,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS2 0 HXCX 7 40 7 GRAY D) (DLC Certified)	1,363.16	175.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-68.16*	
		For >100 To 250, Deduct	*-102.24*	
		For >250 To 500, Deduct	*-161.60*	
		For >500 To 1000, Deduct	*-220.96*	
		For >1000, Deduct	*-280.32*	
26 56 19 00-0111	EA	20,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS4 0 TXCX 5 40 7 GRAY D) (DLC Certified)	2,365.89	175.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-118.29*	
		For >100 To 250, Deduct	*-177.44*	
		For >250 To 500, Deduct	*-286.94*	
		For >500 To 1000, Deduct	*-396.43*	
		For >1000, Deduct	*-505.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0112	EA	2,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERX1 0 2XBX 7 40 7 GRAY D) (DLC Certified)	795.01	175.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-39.75*	
		For >100 To 250, Deduct	*-59.63*	
		For >250 To 500, Deduct	*-90.58*	
		For >500 To 1000, Deduct	*-121.53*	
		For >1000, Deduct	*-152.48*	
26 56 19 00-0113	EA	4,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERX1 0 AXCX 7 40 7 GRAY D) (DLC Certified)	841.65	175.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-42.08*	
		For >100 To 250, Deduct	*-63.12*	
		For >250 To 500, Deduct	*-96.41*	
		For >500 To 1000, Deduct	*-129.69*	
		For >1000, Deduct	*-162.98*	
26 56 19 00-0114	EA	7,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 BXBX 1 40 7 GRAY D) (DLC Certified)	979.45	175.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-48.97*	
		For >100 To 250, Deduct	*-73.46*	
		For >250 To 500, Deduct	*-113.63*	
		For >500 To 1000, Deduct	*-153.81*	
		For >1000, Deduct	*-193.98*	
26 56 19 00-0115	EA	11,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS2 0 DXCX 1 40 7 GRAY D) (DLC Certified)	1,246.56	175.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-62.33*	
		For >100 To 250, Deduct	*-93.49*	
		For >250 To 500, Deduct	*-147.02*	
		For >500 To 1000, Deduct	*-200.55*	
		For >1000, Deduct	*-254.08*	
26 56 19 00-0116	EA	13,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS2 0 EXCX 1 40 7 GRAY D) (DLC Certified)	1,280.48	175.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-64.02*	
		For >100 To 250, Deduct	*-96.04*	
		For >250 To 500, Deduct	*-151.26*	
		For >500 To 1000, Deduct	*-206.49*	
		For >1000, Deduct	*-261.71*	
26 56 19 00-0117	EA	2,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 02XX 40 A GRAY)	595.75	149.57
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-29.79*	
		For >100 To 250, Deduct	*-44.68*	
		For >250 To 500, Deduct	*-66.99*	
		For >500 To 1000, Deduct	*-89.30*	
		For >1000, Deduct	*-111.61*	
26 56 19 00-0118	EA	3,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 03XX 40 A GRAY)	599.81	151.60
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-29.99*	
		For >100 To 250, Deduct	*-44.99*	
		For >250 To 500, Deduct	*-67.40*	
		For >500 To 1000, Deduct	*-89.81*	
		For >1000, Deduct	*-112.22*	
26 56 19 00-0119	EA	4,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 04XX 40 A GRAY)	625.06	153.98
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-31.25*	
		For >100 To 250, Deduct	*-46.88*	
		For >250 To 500, Deduct	*-70.43*	
		For >500 To 1000, Deduct	*-93.99*	
		For >1000, Deduct	*-117.54*	
26 56 19 00-0120	EA	5,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 05XX 40 A GRAY)	650.83	155.67
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-32.54*	
		For >100 To 250, Deduct	*-48.81*	
		For >250 To 500, Deduct	*-73.57*	
		For >500 To 1000, Deduct	*-98.33*	
		For >1000, Deduct	*-123.09*	
26 56 19 00-0121	EA	7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 07XX 40 A GRAY)	719.16	159.05
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-35.96*	
		For >100 To 250, Deduct	*-53.94*	
		For >250 To 500, Deduct	*-81.94*	
		For >500 To 1000, Deduct	*-109.95*	
		For >1000, Deduct	*-137.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0122	EA	8,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 08XX 40 A GRAY)	755.44	160.41
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-37.77*	
		For >100 To 250, Deduct	*-56.66*	
		For >250 To 500, Deduct	*-86.41*	
		For >500 To 1000, Deduct	*-116.16*	
		For >1000, Deduct	*-145.91*	
26 56 19 00-0123	EA	9,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 10XX 40 A GRAY)	823.60	162.77
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-41.18*	
		For >100 To 250, Deduct	*-61.77*	
		For >250 To 500, Deduct	*-94.81*	
		For >500 To 1000, Deduct	*-127.85*	
		For >1000, Deduct	*-160.89*	
26 56 19 00-0124	EA	13,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERLH 0 13XX 40 A GRAY)	968.58	167.17
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-48.43*	
		For >100 To 250, Deduct	*-72.64*	
		For >250 To 500, Deduct	*-112.71*	
		For >500 To 1000, Deduct	*-152.78*	
		For >1000, Deduct	*-192.86*	
26 56 19 00-0125	EA	19,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL2 0 19XX 40 A GRAY)	1,135.41	175.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-56.77*	
		For >100 To 250, Deduct	*-85.16*	
		For >250 To 500, Deduct	*-133.13*	
		For >500 To 1000, Deduct	*-181.10*	
		For >1000, Deduct	*-229.07*	

26 56 19 00-0126 LED Roadway Lighting (Acuity AEL Autobahn) *(26 56 19 00-0029)*

26 56 19 00-0127 Horizontal Tenon Mount, LED Cobra Head Street Lights (Acuity AEL Autobahn) *(26 56 19 00-0126)*

Note: UL wet listed. Includes 4,000K or 5,000K color temperature, 120-480 voltage, integral 10kV surge suppression, 0-10V dimming, die-cast extruded aluminum housing assembly and white, black, gray, graphite or bronze powder coat finish. Excludes sensors.

26 56 19 00-0128	EA	4,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0)	873.87	153.98
		For >50 To 100, Deduct	*-43.69*	
		For >100 To 250, Deduct	*-65.54*	
		For >250 To 500, Deduct	*-101.54*	
		For >500 To 1000, Deduct	*-137.53*	
		For >1000, Deduct	*-173.53*	
26 56 19 00-0129	EA	9,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0)	1,086.09	153.98
		For >50 To 100, Deduct	*-54.30*	
		For >100 To 250, Deduct	*-81.46*	
		For >250 To 500, Deduct	*-128.06*	
		For >500 To 1000, Deduct	*-174.67*	
		For >1000, Deduct	*-221.27*	
26 56 19 00-0130	EA	12,600 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2)	1,143.07	153.98
		For >50 To 100, Deduct	*-57.15*	
		For >100 To 250, Deduct	*-85.73*	
		For >250 To 500, Deduct	*-135.19*	
		For >500 To 1000, Deduct	*-184.64*	
		For >1000, Deduct	*-234.10*	
26 56 19 00-0131	EA	4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 20ALEDE70)	1,152.74	153.98
		For >50 To 100, Deduct	*-57.64*	
		For >100 To 250, Deduct	*-86.46*	
		For >250 To 500, Deduct	*-136.39*	
		For >500 To 1000, Deduct	*-186.33*	
		For >1000, Deduct	*-236.27*	
26 56 19 00-0132	EA	6,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 30BLEDE70)	1,432.46	158.37
		For >50 To 100, Deduct	*-71.62*	
		For >100 To 250, Deduct	*-107.43*	
		For >250 To 500, Deduct	*-171.14*	
		For >500 To 1000, Deduct	*-234.84*	
		For >1000, Deduct	*-298.55*	
26 56 19 00-0133	EA	9,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 40BLEDE70)	1,999.24	162.77
		For >50 To 100, Deduct	*-99.96*	
		For >100 To 250, Deduct	*-149.94*	
		For >250 To 500, Deduct	*-241.77*	
		For >500 To 1000, Deduct	*-333.59*	
		For >1000, Deduct	*-425.41*	
26 56 19 00-0134	EA	13,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 60BLEDE70)	2,569.94	169.20
		For >50 To 100, Deduct	*-128.50*	
		For >100 To 250, Deduct	*-192.75*	
		For >250 To 500, Deduct	*-312.78*	
		For >500 To 1000, Deduct	*-432.82*	
		For >1000, Deduct	*-552.86*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0135	EA	17,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 80BLEDE70)	3,127.75	173.94
		For >50 To 100, Deduct	*-156.39*	
		For >100 To 250, Deduct	*-234.58*	
		For >250 To 500, Deduct	*-382.27*	
		For >500 To 1000, Deduct	*-529.96*	
		For >1000, Deduct	*-677.65*	

26 56 19 00-0136 LED Roadway Lighting (Leotek) *(26 56 19 00-0029)*

26 56 19 00-0137 Horizontal Tenon Mount, LED Cobra Head Street Lights (Leotek) *(26 56 19 00-0136)*

Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, integral surge protector, die-cast and extruded aluminum housing assembly and gray powder coat finish. Excludes sensors.

26 56 19 00-0138	EA	Up To 3,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-XXX-WL)	609.58	153.98
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-30.48*	
		For >100 To 250, Deduct	*-45.72*	
		For >250 To 500, Deduct	*-68.50*	
		For >500 To 1000, Deduct	*-91.28*	
		For >1000, Deduct	*-114.06*	
26 56 19 00-0139	EA	Up To 5,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-1AMP-WL)	622.76	155.67
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-31.14*	
		For >100 To 250, Deduct	*-46.71*	
		For >250 To 500, Deduct	*-70.06*	
		For >500 To 1000, Deduct	*-93.42*	
		For >1000, Deduct	*-116.77*	
26 56 19 00-0140	EA	Up To 5,950 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-6M2-MV-NW-X-GY-XXX-WL)	663.96	156.68
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-33.20*	
		For >100 To 250, Deduct	*-49.80*	
		For >250 To 500, Deduct	*-75.16*	
		For >500 To 1000, Deduct	*-100.53*	
		For >1000, Deduct	*-125.89*	
26 56 19 00-0141	EA	Up To 9,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC3-10M2-MV-NW-X-GY-XXX-WL)	770.16	162.77
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-38.51*	
		For >100 To 250, Deduct	*-57.76*	
		For >250 To 500, Deduct	*-88.13*	
		For >500 To 1000, Deduct	*-118.50*	
		For >1000, Deduct	*-148.87*	
26 56 19 00-0142	EA	Up To 11,450 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-12M2-MV-NW-X-GY-XXX-WL)	900.40	167.17
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-45.02*	
		For >100 To 250, Deduct	*-67.53*	
		For >250 To 500, Deduct	*-104.19*	
		For >500 To 1000, Deduct	*-140.85*	
		For >1000, Deduct	*-177.51*	
26 56 19 00-0143	EA	Up To 14,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-15M2-MV-NW-X-GY-XXX-WL)	905.82	169.88
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-45.29*	
		For >100 To 250, Deduct	*-67.94*	
		For >250 To 500, Deduct	*-104.73*	
		For >500 To 1000, Deduct	*-141.53*	
		For >1000, Deduct	*-178.33*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0144	EA	Up To 16,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-18M2-MV-NW-X-GY-XXX-WL)	1,109.05	172.59
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-55.45*	
		For >100 To 250, Deduct	*-83.18*	
		For >250 To 500, Deduct	*-130.00*	
		For >500 To 1000, Deduct	*-176.83*	
		For >1000, Deduct	*-223.65*	
26 56 19 00-0145	EA	Up To 18,750 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-20M2-MV-NW-X-GY-XXX-WL)	1,162.83	175.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-58.14*	
		For >100 To 250, Deduct	*-87.21*	
		For >250 To 500, Deduct	*-136.56*	
		For >500 To 1000, Deduct	*-185.90*	
		For >1000, Deduct	*-235.24*	
26 56 19 00-0146	EA	Up To 22,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-24M2-MV-NW-X-GY-XXX-WL)	1,297.51	178.67
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-64.88*	
		For >100 To 250, Deduct	*-97.31*	
		For >250 To 500, Deduct	*-153.26*	
		For >500 To 1000, Deduct	*-209.20*	
		For >1000, Deduct	*-265.14*	
26 56 19 00-0147	EA	Up To 29,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC9-30M2-MV-NW-X-GY-XXX-WL)	1,391.07	181.38
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-69.55*	
		For >100 To 250, Deduct	*-104.33*	
		For >250 To 500, Deduct	*-164.81*	
		For >500 To 1000, Deduct	*-225.30*	
		For >1000, Deduct	*-285.78*	
26 56 19 00-0148	EA	Up To 4,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-20F-MV-NW-X-GY-XXX-WL)	705.02	155.67
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-35.25*	
		For >100 To 250, Deduct	*-52.88*	
		For >250 To 500, Deduct	*-80.34*	
		For >500 To 1000, Deduct	*-107.81*	
		For >1000, Deduct	*-135.28*	
26 56 19 00-0149	EA	Up To 7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-30F-MV-NW-X-GY-XXX-WL)	773.86	159.73
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-38.69*	
		For >100 To 250, Deduct	*-58.04*	
		For >250 To 500, Deduct	*-88.75*	
		For >500 To 1000, Deduct	*-119.45*	
		For >1000, Deduct	*-150.16*	
26 56 19 00-0150	EA	Up To 9,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-XXX-WL)	834.79	162.77
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-41.74*	
		For >100 To 250, Deduct	*-62.61*	
		For >250 To 500, Deduct	*-96.21*	
		For >500 To 1000, Deduct	*-129.81*	
		For >1000, Deduct	*-163.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0151	EA	Up To 12,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-1AMP-WL)	887.29	166.49
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-44.36*	
		For >100 To 250, Deduct	*-66.55*	
		For >250 To 500, Deduct	*-102.59*	
		For >500 To 1000, Deduct	*-138.63*	
		For >1000, Deduct	*-174.67*	
26 56 19 00-0152	EA	Up To 13,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-60F-MV-NW-X-GY-XXX-WL)	940.92	167.85
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-47.05*	
		For >100 To 250, Deduct	*-70.57*	
		For >250 To 500, Deduct	*-109.22*	
		For >500 To 1000, Deduct	*-147.88*	
		For >1000, Deduct	*-186.53*	
26 56 19 00-0153	EA	Up To 17,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-80F-MV-NW-X-GY-XXX-WL)	1,119.60	173.94
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-55.98*	
		For >100 To 250, Deduct	*-83.97*	
		For >250 To 500, Deduct	*-131.25*	
		For >500 To 1000, Deduct	*-178.54*	
		For >1000, Deduct	*-225.82*	
26 56 19 00-0154	EA	Up To 19,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-90F-MV-NW-X-GY-XXX-WL)	1,265.43	177.32
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-63.27*	
		For >100 To 250, Deduct	*-94.91*	
		For >250 To 500, Deduct	*-149.31*	
		For >500 To 1000, Deduct	*-203.72*	
		For >1000, Deduct	*-258.12*	
26 56 19 00-0155	EA	Up To 22,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-100F-MV-NW-X-GY-XXX-WL)	1,345.13	178.00
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-67.26*	
		For >100 To 250, Deduct	*-100.88*	
		For >250 To 500, Deduct	*-159.24*	
		For >500 To 1000, Deduct	*-217.60*	
		For >1000, Deduct	*-275.95*	
26 56 19 00-0156	EA	Up To 26,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-120F-MV-NW-X-GY-XXX-WL)	1,421.66	180.03
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-71.08*	
		For >100 To 250, Deduct	*-106.62*	
		For >250 To 500, Deduct	*-168.71*	
		For >500 To 1000, Deduct	*-230.79*	
		For >1000, Deduct	*-292.87*	
26 56 19 00-0157	EA	Up To 11,720 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-30H-MV-NW-X-GY-1AMP)	756.96	169.88
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-37.85*	
		For >100 To 250, Deduct	*-56.77*	
		For >250 To 500, Deduct	*-86.13*	
		For >500 To 1000, Deduct	*-115.48*	
		For >1000, Deduct	*-144.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0158	EA	Up To 15,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-40H-MV-NW-X-GY-1AMP)	819.11	171.57
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-40.96*	
		For >100 To 250, Deduct	*-61.43*	
		For >250 To 500, Deduct	*-93.81*	
		For >500 To 1000, Deduct	*-126.19*	
		For >1000, Deduct	*-158.56*	
26 56 19 00-0159	EA	Up To 4,180 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ0-15H-MV-NW-X-GY-XXX-WL)	582.91	155.33
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-29.15*	
		For >100 To 250, Deduct	*-43.72*	
		For >250 To 500, Deduct	*-65.10*	
		For >500 To 1000, Deduct	*-86.48*	
		For >1000, Deduct	*-107.86*	
26 56 19 00-0160	EA	Up To 5,510 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ1-20H-MV-NW-X-GY-XXX-WL)	593.45	156.68
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-29.67*	
		For >100 To 250, Deduct	*-44.51*	
		For >250 To 500, Deduct	*-66.35*	
		For >500 To 1000, Deduct	*-88.19*	
		For >1000, Deduct	*-110.02*	
26 56 19 00-0161	EA	Up To 7,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ2-20H-MV-NW-X-GY-1AMP-WL)	644.59	159.73
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-32.23*	
		For >100 To 250, Deduct	*-48.34*	
		For >250 To 500, Deduct	*-72.59*	
		For >500 To 1000, Deduct	*-96.83*	
		For >1000, Deduct	*-121.07*	
26 56 19 00-0162	EA	Up To 16,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-60G-MV-NW-X-GY-XXX-WL)	989.57	172.59
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-49.48*	
		For >100 To 250, Deduct	*-74.22*	
		For >250 To 500, Deduct	*-115.07*	
		For >500 To 1000, Deduct	*-155.92*	
		For >1000, Deduct	*-196.77*	
26 56 19 00-0163	EA	Up To 22,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-80G-MV-NW-X-GY-XXX-WL)	1,290.29	178.00
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-64.51*	
		For >100 To 250, Deduct	*-96.77*	
		For >250 To 500, Deduct	*-152.39*	
		For >500 To 1000, Deduct	*-208.00*	
		For >1000, Deduct	*-263.62*	
26 56 19 00-0164	EA	Up To 22,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL2-60G-MV-NW-X-GY-1AMP-WL)	1,150.61	178.67
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-57.53*	
		For >100 To 250, Deduct	*-86.30*	
		For >250 To 500, Deduct	*-134.89*	
		For >500 To 1000, Deduct	*-183.49*	
		For >1000, Deduct	*-232.09*	
26 56 19 00-0165	EA	Up To 5,484 Lumens, Horizontal Tenon Mount, LED Security Light (Leotek® SafeGuard™ SG1-01-MV-NW-5-GY)	560.08	155.67
		For Twist Lock Shorting Cap, Add	*9.33*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*27.98*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*50.07*	
		For >50 To 100, Deduct	*-28.00*	
		For >100 To 250, Deduct	*-42.01*	
		For >250 To 500, Deduct	*-62.23*	
		For >500 To 1000, Deduct	*-82.45*	
		For >1000, Deduct	*-102.67*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0166		LED, Area Fixtures *(26 56 19)*		
26 56 19 00-0167		Pole Mount, LED Area Fixtures *(26 56 19 00-0166)*		
26 56 19 00-0168		Pole Mount, Rectangular, LED Architectural Area Fixtures (Lithonia DSX) *(26 56 19 00-0167)*		
		Note: UL wet listed. Includes 4,000K color temperature, 480 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0169	EA	20 LEDs, 49 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,489.41	115.06
		For >50 To 100, Deduct	*-124.47*	
		For >100 To 250, Deduct	*-186.71*	
		For >250 To 500, Deduct	*-305.42*	
		For >500 To 1000, Deduct	*-424.14*	
		For >1000, Deduct	*-542.86*	
26 56 19 00-0170	EA	40 LEDs, 89 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,683.70	121.83
		For >50 To 100, Deduct	*-134.19*	
		For >100 To 250, Deduct	*-201.28*	
		For >250 To 500, Deduct	*-329.37*	
		For >500 To 1000, Deduct	*-457.47*	
		For >1000, Deduct	*-585.56*	
26 56 19 00-0171	EA	80 LEDs, 188 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,891.51	135.37
		For >50 To 100, Deduct	*-144.58*	
		For >100 To 250, Deduct	*-216.86*	
		For >250 To 500, Deduct	*-354.67*	
		For >500 To 1000, Deduct	*-492.48*	
		For >1000, Deduct	*-630.29*	
26 56 19 00-0172	EA	100 LEDs, 218 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,905.05	142.13
		For >50 To 100, Deduct	*-145.25*	
		For >100 To 250, Deduct	*-217.88*	
		For >250 To 500, Deduct	*-356.02*	
		For >500 To 1000, Deduct	*-494.17*	
		For >1000, Deduct	*-632.32*	
26 56 19 00-0173		Arm Mount, Rectangular, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDG) *(26 56 19 00-0167)*		
		Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type III Medium optic. Excludes sensors. All fixtures without the backlight control shield are DLC qualified		
26 56 19 00-0174	EA	40 LEDs, 47 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,251.70	121.83
		For Backlight Shielding, Add	*23.06*	
		For Type II Medium Optic, Add	*39.87*	
		For 480 Volt, Add	*103.08*	
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-62.59*	
		For >100 To 250, Deduct	*-93.88*	
		For >250 To 500, Deduct	*-150.37*	
		For >500 To 1000, Deduct	*-206.87*	
		For >1000, Deduct	*-263.36*	
26 56 19 00-0175	EA	60 LEDs, 68 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,507.36	128.59
		For Backlight Shielding, Add	*23.06*	
		For Type II Medium Optic, Add	*40.55*	
		For 480 Volt, Add	*103.08*	
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-75.37*	
		For >100 To 250, Deduct	*-113.05*	
		For >250 To 500, Deduct	*-181.99*	
		For >500 To 1000, Deduct	*-250.93*	
		For >1000, Deduct	*-319.87*	
26 56 19 00-0176	EA	80 LEDs, 90 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,860.21	135.37
		For Backlight Shielding, Add	*23.06*	
		For Type II Medium Optic, Add	*41.23*	
		For 480 Volt, Add	*103.08*	
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-93.01*	
		For >100 To 250, Deduct	*-139.52*	
		For >250 To 500, Deduct	*-225.76*	
		For >500 To 1000, Deduct	*-312.00*	
		For >1000, Deduct	*-398.24*	
26 56 19 00-0177	EA	100 LEDs, 111 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,115.87	142.13
		For Backlight Shielding, Add	*23.06*	
		For Type II Medium Optic, Add	*41.90*	
		For 480 Volt, Add	*103.08*	
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-105.79*	
		For >100 To 250, Deduct	*-158.69*	
		For >250 To 500, Deduct	*-257.38*	
		For >500 To 1000, Deduct	*-356.06*	
		For >1000, Deduct	*-454.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0178	EA	120 LEDs, 132 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,371.53	148.90
		For Backlight Shielding, Add	*23.06*	
		For Type II Medium Optic, Add	*42.58*	
		For 480 Volt, Add	*103.08*	
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-118.58*	
		For >100 To 250, Deduct	*-177.86*	
		For >250 To 500, Deduct	*-289.00*	
		For >500 To 1000, Deduct	*-400.13*	
		For >1000, Deduct	*-511.26*	
26 56 19 00-0179	EA	140 LEDs, 157 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,704.62	155.67
		For Backlight Shielding, Add	*23.06*	
		For Type II Medium Optic, Add	*43.26*	
		For 480 Volt, Add	*103.08*	
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-135.23*	
		For >100 To 250, Deduct	*-202.85*	
		For >250 To 500, Deduct	*-330.29*	
		For >500 To 1000, Deduct	*-457.74*	
		For >1000, Deduct	*-585.19*	
26 56 19 00-0180	EA	160 LEDs, 179 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,960.29	162.44
		For Backlight Shielding, Add	*23.06*	
		For Type II Medium Optic, Add	*43.93*	
		For 480 Volt, Add	*103.08*	
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-148.01*	
		For >100 To 250, Deduct	*-222.02*	
		For >250 To 500, Deduct	*-361.91*	
		For >500 To 1000, Deduct	*-501.81*	
		For >1000, Deduct	*-641.70*	

26 56 19 00-0181 Direct Or Arm Mount, Rectangular, High Output, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EHO) *(26 56 19 00-0167)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0182	EA	120 LEDs, 267 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	2,192.75	148.90
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For Bird Spikes, Add	*45.49*	
		For 5,000K Color Temperature, Add	*48.57*	
		For Fuse, Add	*58.28*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For 480 Volt, Add	*87.42*	
		For Multi-Level, Add	*126.26*	
		For 1,000mA Driver, Add	*163.20*	
		For >50 To 100, Deduct	*-109.64*	
		For >100 To 250, Deduct	*-164.46*	
		For >250 To 500, Deduct	*-266.65*	
		For >500 To 1000, Deduct	*-368.84*	
		For >1000, Deduct	*-471.03*	
26 56 19 00-0183	EA	240 LEDs, 533 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	3,688.31	182.74
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*19.42*	
		For 5,000K Color Temperature, Add	*48.57*	
		For Fuse, Add	*58.28*	
		For 0 To 10 Volt Dimming, Add	*58.28*	
		For Bird Spikes, Add	*67.24*	
		For Multi-Level, Add	*126.26*	
		For 1,000mA Driver, Add	*163.18*	
		For 480 Volt, Add	*174.83*	
		For >50 To 100, Deduct	*-184.42*	
		For >100 To 250, Deduct	*-276.62*	
		For >250 To 500, Deduct	*-451.90*	
		For >500 To 1000, Deduct	*-627.18*	
		For >1000, Deduct	*-802.46*	

26 56 19 00-0184 Wall Mount, LED Area Fixtures *(26 56 19 00-0166)*

26 56 19 00-0185 Wall Mount, LED Architectural Area Fixtures (Lithonia DSXW) *(26 56 19 00-0184)*

Note: UL wet listed. Includes 277 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.

26 56 19 00-0186	EA	20 LEDs, 47 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	1,099.49	115.06
		For >50 To 100, Deduct	*-54.97*	
		For >100 To 250, Deduct	*-82.46*	
		For >250 To 500, Deduct	*-131.68*	
		For >500 To 1000, Deduct	*-180.91*	
		For >1000, Deduct	*-230.13*	
26 56 19 00-0187	EA	30 LEDs, 71 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	1,126.56	128.59
		For >50 To 100, Deduct	*-56.33*	
		For >100 To 250, Deduct	*-84.49*	
		For >250 To 500, Deduct	*-134.39*	
		For >500 To 1000, Deduct	*-184.29*	
		For >1000, Deduct	*-234.19*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0188		Surface Mount, LED Parking Structure Fixtures *(26 56 19 00-0166)*		
26 56 19 00-0189		Surface Mount, Rectangular, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-EDG) *(26 56 19 00-0188)*		
		Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0190	EA	40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,106.75	121.83
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-55.34*	
		For >100 To 250, Deduct	*-83.01*	
		For >250 To 500, Deduct	*-132.25*	
		For >500 To 1000, Deduct	*-181.50*	
		For >1000, Deduct	*-230.75*	
26 56 19 00-0191	EA	60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,362.41	128.59
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-68.12*	
		For >100 To 250, Deduct	*-102.18*	
		For >250 To 500, Deduct	*-163.87*	
		For >500 To 1000, Deduct	*-225.56*	
		For >1000, Deduct	*-287.25*	
26 56 19 00-0192	EA	80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,618.08	135.37
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-80.90*	
		For >100 To 250, Deduct	*-121.36*	
		For >250 To 500, Deduct	*-195.49*	
		For >500 To 1000, Deduct	*-269.63*	
		For >1000, Deduct	*-343.76*	
26 56 19 00-0193	EA	100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,873.75	142.13
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-93.69*	
		For >100 To 250, Deduct	*-140.53*	
		For >250 To 500, Deduct	*-227.11*	
		For >500 To 1000, Deduct	*-313.69*	
		For >1000, Deduct	*-400.27*	
26 56 19 00-0194		Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-304) *(26 56 19 00-0188)*		
		Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0195	EA	40 LEDs, 47 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	1,067.22	121.83
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-53.36*	
		For >100 To 250, Deduct	*-80.04*	
		For >250 To 500, Deduct	*-127.31*	
		For >500 To 1000, Deduct	*-174.58*	
		For >1000, Deduct	*-221.85*	
26 56 19 00-0196	EA	60 LEDs, 68 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	1,177.93	128.59
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-58.90*	
		For >100 To 250, Deduct	*-88.34*	
		For >250 To 500, Deduct	*-140.81*	
		For >500 To 1000, Deduct	*-193.28*	
		For >1000, Deduct	*-245.75*	
26 56 19 00-0197		Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VG) *(26 56 19 00-0188)*		
		Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0198	EA	3,700 Lumens, 50 Watt, Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VGADM5MA40KUL)	968.61	121.83
		For >50 To 100, Deduct	*-48.43*	
		For >100 To 250, Deduct	*-72.65*	
		For >250 To 500, Deduct	*-114.99*	
		For >500 To 1000, Deduct	*-157.32*	
		For >1000, Deduct	*-199.66*	
26 56 19 00-0199		Surface Mount, Rectangular, LED Parking Structure Fixtures (Philips Gardco ELG) *(26 56 19 00-0188)*		
		Note: Direct or pendant mount. UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and aluminum finish. Excludes sensors.		

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26 56 19 00-0200	EA	70 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	1,919.83	128.59
		For >50 To 100, Deduct	*-95.99*	
		For >100 To 250, Deduct	*-143.99*	
		For >250 To 500, Deduct	*-233.55*	
		For >500 To 1000, Deduct	*-323.11*	
		For >1000, Deduct	*-412.67*	
26 56 19 00-0201	EA	110 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	1,946.91	142.13
		For >50 To 100, Deduct	*-97.35*	
		For >100 To 250, Deduct	*-146.02*	
		For >250 To 500, Deduct	*-236.26*	
		For >500 To 1000, Deduct	*-326.50*	
		For >1000, Deduct	*-416.74*	

26 56 19 00-0202 Surface Mount, LED Canopy Fixtures *(26 56 19 00-0166)*

26 56 19 00-0203 Surface Mount, Rectangular, LED Canopy Fixtures (CREE® BetaLED® Edge® CAN-EDG) *(26 56 19 00-0202)*

Note: Direct or pendant mount. UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0204	EA	40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,281.35	121.83
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-64.07*	
		For >100 To 250, Deduct	*-96.10*	
		For >250 To 500, Deduct	*-154.08*	
		For >500 To 1000, Deduct	*-212.05*	
		For >1000, Deduct	*-270.03*	
26 56 19 00-0205	EA	60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,537.00	128.59
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-76.85*	
		For >100 To 250, Deduct	*-115.28*	
		For >250 To 500, Deduct	*-185.70*	
		For >500 To 1000, Deduct	*-256.12*	
		For >1000, Deduct	*-326.54*	
26 56 19 00-0206	EA	80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,792.67	135.37
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-89.63*	
		For >100 To 250, Deduct	*-134.45*	
		For >250 To 500, Deduct	*-217.32*	
		For >500 To 1000, Deduct	*-300.18*	
		For >1000, Deduct	*-383.05*	
26 56 19 00-0207	EA	100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,048.34	142.13
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-102.42*	
		For >100 To 250, Deduct	*-153.63*	
		For >250 To 500, Deduct	*-248.94*	
		For >500 To 1000, Deduct	*-344.25*	
		For >1000, Deduct	*-439.56*	
26 56 19 00-0208	EA	120 LEDs, 132 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,304.00	148.90
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-115.20*	
		For >100 To 250, Deduct	*-172.80*	
		For >250 To 500, Deduct	*-280.56*	
		For >500 To 1000, Deduct	*-388.31*	
		For >1000, Deduct	*-496.07*	
26 56 19 00-0209	EA	140 LEDs, 157 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,656.85	155.67
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-132.84*	
		For >100 To 250, Deduct	*-199.26*	
		For >250 To 500, Deduct	*-324.32*	
		For >500 To 1000, Deduct	*-449.38*	
		For >1000, Deduct	*-574.44*	
26 56 19 00-0210	EA	160 LEDs, 179 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,912.52	162.44
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-145.63*	
		For >100 To 250, Deduct	*-218.44*	
		For >250 To 500, Deduct	*-355.94*	
		For >500 To 1000, Deduct	*-493.45*	
		For >1000, Deduct	*-630.95*	
26 56 19 00-0211	EA	200 LEDs, 221 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	3,423.85	175.97
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-171.19*	
		For >100 To 250, Deduct	*-256.79*	
		For >250 To 500, Deduct	*-419.18*	
		For >500 To 1000, Deduct	*-581.58*	
		For >1000, Deduct	*-743.97*	
26 56 19 00-0212	EA	240 LEDs, 264 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	3,921.64	182.74
		For Multi-Level Drive Currents, Add	*230.60*	
		For >50 To 100, Deduct	*-196.08*	
		For >100 To 250, Deduct	*-294.12*	
		For >250 To 500, Deduct	*-481.07*	
		For >500 To 1000, Deduct	*-668.01*	
		For >1000, Deduct	*-854.96*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0213		Surface Mount, Square, LED Canopy/Soffit Fixtures (CREE® BetaLED® CPY250) *(26 56 19 00-0202)* Note: UL wet listed. Includes 5,700K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0214	EA	8,000 Lumens, 82 Watt, Surface Mount, Square, LED Canopy/Soffit Fixture (CREE® BetaLED® CPY250)	891.69	135.37
		For >50 To 100, Deduct	*-44.58*	
		For >100 To 250, Deduct	*-66.88*	
		For >250 To 500, Deduct	*-104.69*	
		For >500 To 1000, Deduct	*-142.51*	
		For >1000, Deduct	*-180.33*	
26 56 19 00-0215		Recessed Mount, LED Soffit Fixtures *(26 56 19 00-0166)*		
26 56 19 00-0216		Recessed Mount, Square, LED Soffit Fixtures (CREE® BetaLED® SFT-304) *(26 56 19 00-0215)* Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0217	EA	40 LEDs, 47 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	1,086.98	121.83
		For >50 To 100, Deduct	*-54.35*	
		For >100 To 250, Deduct	*-81.52*	
		For >250 To 500, Deduct	*-129.78*	
		For >500 To 1000, Deduct	*-178.04*	
		For >1000, Deduct	*-226.30*	
26 56 19 00-0218	EA	60 LEDs, 68 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	1,197.69	128.59
		For >50 To 100, Deduct	*-59.88*	
		For >100 To 250, Deduct	*-89.83*	
		For >250 To 500, Deduct	*-143.28*	
		For >500 To 1000, Deduct	*-196.74*	
		For >1000, Deduct	*-250.19*	
26 56 19 00-0219		Surface Mount, LED Area Fixtures *(26 56 19 00-0166)*		
26 56 19 00-0220		Surface Mount, Square, LED Multi-Purpose Area Fixtures (LSI Industries® Crossover® XPG) *(26 56 19 00-0219)* Note: UL wet listed. Includes 5,300K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black or silver powder coat finish. Excludes sensors.		
26 56 19 00-0221	EA	50 LEDs, 59 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	648.12	121.83
		For >50 To 100, Deduct	*-32.41*	
		For >100 To 250, Deduct	*-48.61*	
		For >250 To 500, Deduct	*-74.92*	
		For >500 To 1000, Deduct	*-101.24*	
		For >1000, Deduct	*-127.55*	
26 56 19 00-0222	EA	50 LEDs, 59 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,400.36	121.83
		For >50 To 100, Deduct	*-70.02*	
		For >100 To 250, Deduct	*-105.03*	
		For >250 To 500, Deduct	*-168.95*	
		For >500 To 1000, Deduct	*-232.88*	
		For >1000, Deduct	*-296.81*	
26 56 19 00-0223	EA	68 LEDs, 79 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,165.77	135.37
		For >50 To 100, Deduct	*-58.29*	
		For >100 To 250, Deduct	*-87.43*	
		For >250 To 500, Deduct	*-138.95*	
		For >500 To 1000, Deduct	*-190.47*	
		For >1000, Deduct	*-241.99*	
26 56 19 00-0224	EA	68 LEDs, 79 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,441.96	135.37
		For >50 To 100, Deduct	*-72.10*	
		For >100 To 250, Deduct	*-108.15*	
		For >250 To 500, Deduct	*-173.48*	
		For >500 To 1000, Deduct	*-238.81*	
		For >1000, Deduct	*-304.14*	
26 56 19 00-0225		Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour®) *(26 56 19 00-0219)* Note: Wall, inverted, post, bollard, floodlight trunnion, or floodlight knuckle mount. UL wet listed. Includes 5,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0226	EA	13 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR1A)	209.00	43.55
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-10.45*	
		For >100 To 250, Deduct	*-15.68*	
		For >250 To 500, Deduct	*-24.31*	
		For >500 To 1000, Deduct	*-32.95*	
		For >1000, Deduct	*-41.58*	
26 56 19 00-0227	EA	20 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR2A)	237.94	43.55
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-11.90*	
		For >100 To 250, Deduct	*-17.85*	
		For >250 To 500, Deduct	*-27.93*	
		For >500 To 1000, Deduct	*-38.01*	
		For >1000, Deduct	*-48.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0228	EA	30 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR3A)	293.06	43.55
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-14.65*	
		For >100 To 250, Deduct	*-21.98*	
		For >250 To 500, Deduct	*-34.82*	
		For >500 To 1000, Deduct	*-47.66*	
		For >1000, Deduct	*-60.50*	
26 56 19 00-0229		Surface Mount, LED Multi-Purpose Area Fixture (Designplan LED VIM) *(26 56 19 00-0219)* Note: Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and black, white or silver powder coat finish. Excludes sensors.		
26 56 19 00-0230	EA	20 Watt, Surface Mount, LED Multi-Purpose Area Fixture With Integral Battery Backup (Designplan LED VIM)	2,744.26	43.55
		For >50 To 100, Deduct	*-137.21*	
		For >100 To 250, Deduct	*-205.82*	
		For >250 To 500, Deduct	*-341.22*	
		For >500 To 1000, Deduct	*-476.62*	
		For >1000, Deduct	*-612.02*	
26 56 19 00-0231		Surface Mount, LED Facade Fixtures *(26 56 19 00-0166)*		
26 56 19 00-0232		Surface Mount, LED Facade Fixtures (lumenpulse™ lumenfacade™) *(26 56 19 00-0231)*		
26 56 19 00-0233	EA	12" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	729.21	50.83
		For >50 To 100, Deduct	*-36.46*	
		For >100 To 250, Deduct	*-54.69*	
		For >250 To 500, Deduct	*-89.22*	
		For >500 To 1000, Deduct	*-123.74*	
		For >1000, Deduct	*-158.27*	
26 56 19 00-0234	EA	24" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,188.28	46.41
		For >50 To 100, Deduct	*-59.41*	
		For >100 To 250, Deduct	*-89.12*	
		For >250 To 500, Deduct	*-146.88*	
		For >500 To 1000, Deduct	*-204.63*	
		For >1000, Deduct	*-262.39*	
26 56 19 00-0235	EA	36" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,517.59	38.68
		For >50 To 100, Deduct	*-75.88*	
		For >100 To 250, Deduct	*-113.82*	
		For >250 To 500, Deduct	*-188.32*	
		For >500 To 1000, Deduct	*-262.82*	
		For >1000, Deduct	*-337.31*	
26 56 19 00-0236	EA	48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,846.88	30.94
		For >50 To 100, Deduct	*-92.34*	
		For >100 To 250, Deduct	*-138.52*	
		For >250 To 500, Deduct	*-229.76*	
		For >500 To 1000, Deduct	*-320.99*	
		For >1000, Deduct	*-412.23*	
26 56 19 00-0237		Post Top, LED Area Fixtures *(26 56 19 00-0166)*		
26 56 19 00-0238		Post Top, LED Area Fixtures (Cooper Lighting Invue® MSA) *(26 56 19 00-0237)* Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 350mA remote driver, die-cast extruded aluminum housing assembly and white, black, grey, dark platinum, graphite metallic or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0239	EA	1,800 Lumens, 27 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO1)	2,045.12	186.13
		For >50 To 100, Deduct	*-102.26*	
		For >100 To 250, Deduct	*-153.38*	
		For >250 To 500, Deduct	*-246.33*	
		For >500 To 1000, Deduct	*-339.28*	
		For >1000, Deduct	*-432.23*	
26 56 19 00-0240	EA	3,400 Lumens, 54 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO2)	2,258.57	186.13
		For >50 To 100, Deduct	*-112.93*	
		For >100 To 250, Deduct	*-169.39*	
		For >250 To 500, Deduct	*-273.02*	
		For >500 To 1000, Deduct	*-376.64*	
		For >1000, Deduct	*-480.26*	
26 56 19 00-0241	EA	77 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO3)	2,427.30	186.13
		For >50 To 100, Deduct	*-121.37*	
		For >100 To 250, Deduct	*-182.05*	
		For >250 To 500, Deduct	*-294.11*	
		For >500 To 1000, Deduct	*-406.17*	
		For >1000, Deduct	*-518.22*	
26 56 19 00-0242		Post Top, LED Area Fixtures (General Electric EPAS) *(26 56 19 00-0237)* Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, green or bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0243	EA	3,200 Lumens, 45 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 E5/E3)	2,411.22	186.13
		For >50 To 100, Deduct	*-120.56*	
		For >100 To 250, Deduct	*-180.84*	
		For >250 To 500, Deduct	*-292.10*	
		For >500 To 1000, Deduct	*-403.35*	
		For >1000, Deduct	*-514.61*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0244		EA	6,515 Lumens, 80 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 C5/C3)	2,466.06	186.13
			For >50 To 100, Deduct	*-123.30*	
			For >100 To 250, Deduct	*-184.95*	
			For >250 To 500, Deduct	*-298.95*	
			For >500 To 1000, Deduct	*-412.95*	
			For >1000, Deduct	*-526.95*	

26 56 19 00-0245 Post Top, LED Area Fixtures (General Electric EPTC) *(26 56 19 00-0237)*

Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, gray or dark bronze powder coat finish. Includes photocontrol sensor.

26 56 19 00-0246		EA	3,200 Lumens, 45 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 E5/E3)	1,668.69	186.13
			For >50 To 100, Deduct	*-83.43*	
			For >100 To 250, Deduct	*-125.15*	
			For >250 To 500, Deduct	*-199.28*	
			For >500 To 1000, Deduct	*-273.41*	
			For >1000, Deduct	*-347.54*	
26 56 19 00-0247		EA	6,150 Lumens, 80 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 C5/C3)	1,750.77	186.13
			For >50 To 100, Deduct	*-87.54*	
			For >100 To 250, Deduct	*-131.31*	
			For >250 To 500, Deduct	*-209.54*	
			For >500 To 1000, Deduct	*-287.77*	
			For >1000, Deduct	*-366.01*	

26 56 19 00-0248 Post Top, LED Area Fixtures (General Electric EPST) *(26 56 19 00-0237)*

Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or dark bronze powder coat finish. Includes photocontrol sensor.

26 56 19 00-0249		EA	3,135 Lumens, 45 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 E5/E3)	1,295.61	186.13
			For >50 To 100, Deduct	*-64.78*	
			For >100 To 250, Deduct	*-97.17*	
			For >250 To 500, Deduct	*-152.65*	
			For >500 To 1000, Deduct	*-208.12*	
			For >1000, Deduct	*-263.59*	
26 56 19 00-0250		EA	6,115 Lumens, 80 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 C5/C3)	1,377.69	186.13
			For >50 To 100, Deduct	*-68.88*	
			For >100 To 250, Deduct	*-103.33*	
			For >250 To 500, Deduct	*-162.91*	
			For >500 To 1000, Deduct	*-222.48*	
			For >1000, Deduct	*-282.06*	

26 56 19 00-0251 Post Top, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR) *(26 56 19 00-0237)*

Note: UL wet listed. Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type V Medium optic. Excludes sensors.

26 56 19 00-0252		EA	13,800 Lumens, 130 Watt, Post Top Mount, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR)	2,882.47	186.13
			For >50 To 100, Deduct	*-144.12*	
			For >100 To 250, Deduct	*-216.19*	
			For >250 To 500, Deduct	*-351.00*	
			For >500 To 1000, Deduct	*-485.82*	
			For >1000, Deduct	*-620.64*	

26 56 19 00-0253 LED Retrofit For Post Top, Traditional Area Fixtures (CREE® BetaLED® BXRA) *(26 56 19 00-0237)*

Note: Includes 2,700K or 4,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0373 for disposal of hazardous lamps.

26 56 19 00-0254		EA	LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53)	804.79	101.52
			For 0 To 10 Volt Dimming, Add	*58.28*	
			For >50 To 100, Deduct	*-40.24*	
			For >100 To 250, Deduct	*-60.36*	
			For >250 To 500, Deduct	*-95.52*	
			For >500 To 1000, Deduct	*-130.69*	
			For >1000, Deduct	*-165.85*	

26 56 19 00-0255 LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) *(26 56 19 00-0237)*

Note: Includes 3,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0373 for disposal of hazardous lamps.

26 56 19 00-0256		EA	LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT)	502.75	21.65
			For Backlight Control Shield, Add	*39.00*	
			For >50 To 100, Deduct	*-25.14*	
			For >100 To 250, Deduct	*-37.71*	
			For >250 To 500, Deduct	*-60.68*	
			For >500 To 1000, Deduct	*-83.65*	
			For >1000, Deduct	*-106.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0257		Surface Mount, LED Strip Fixtures (Sylvania) *(26 56 19 00-0166)*		
26 56 19 00-0258	EA	4' Long, 5,200 Lumens, 40 Watt, Vapor Tight Dimmable LED Fixture (Sylvania VAPOR1B/040UNVD840/48EC/GR/D)	504.34	40.44
		For >50 To 100, Deduct	*-25.22*	
		For >100 To 250, Deduct	*-37.83*	
		For >250 To 500, Deduct	*-61.52*	
		For >500 To 1000, Deduct	*-85.22*	
		For >1000, Deduct	*-108.92*	

26 56 21 HID Exterior Lighting *(26 56)*

26 56 21 00-0001		High Mast Fixtures *(26 56 21)*		
26 56 21 00-0002		Metal Halide, High Mast Fixtures *(26 56 21 00-0001)*		
26 56 21 00-0003	EA	400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,914.71	167.53
26 56 21 00-0004	EA	400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,046.34	167.53
26 56 21 00-0005	EA	750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	2,028.89	191.38
26 56 21 00-0006	EA	750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,107.86	191.38
26 56 21 00-0007	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	2,132.18	239.22
26 56 21 00-0008	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,211.15	239.22
26 56 21 00-0009		High Pressure Sodium, High Mast Fixtures *(26 56 21 00-0001)*		
26 56 21 00-0010	EA	400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux	1,978.46	167.53
26 56 21 00-0011	EA	400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,057.43	167.53
26 56 21 00-0012	EA	600 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,393.45	177.09
26 56 21 00-0013	EA	750 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,452.07	191.38
26 56 21 00-0014	EA	1,000 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,594.85	239.22
26 56 21 00-0015		HID, Pole Mounted *(26 56 21)*		
26 56 21 00-0016		Metal Halide, Pole Mounted *(26 56 21 00-0015)*		
26 56 21 00-0017	EA	175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	679.75	273.17
26 56 21 00-0018	EA	250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	764.04	296.51
26 56 21 00-0019	EA	400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	888.95	318.97
26 56 21 00-0020	EA	1,000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	1,131.20	373.84
26 56 21 00-0021		High Pressure Sodium, Pole Mounted *(26 56 21 00-0015)*		
26 56 21 00-0022	EA	100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	817.69	318.97
26 56 21 00-0023	EA	150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	842.31	318.97
26 56 21 00-0024	EA	175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	881.29	318.97
26 56 21 00-0025	EA	250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	984.71	318.97
26 56 21 00-0026	EA	400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,136.79	318.97
26 56 21 00-0027	EA	1,000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,089.69	318.97
26 56 21 00-0028		Low Pressure Sodium, Pole Mounted *(26 56 21 00-0015)*		
26 56 21 00-0029	EA	135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed	693.44	173.52
26 56 21 00-0030	EA	135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	757.97	255.17
26 56 21 00-0031	EA	180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	888.91	255.17
26 56 21 00-0032		Metal Halide, Area Fixtures *(26 56 21)*		
26 56 21 00-0033		Metal Halide, Pole Mount, Area Fixtures *(26 56 21 00-0032)*		
		Note: Includes pulse start ballast.		
26 56 21 00-0034	EA	150 Watt, Metal Halide Area Fixture, Pole Mount	1,111.39	169.06
26 56 21 00-0035	EA	175 Watt, Metal Halide Area Fixture, Pole Mount	1,219.61	185.96
26 56 21 00-0036	EA	250 Watt, Metal Halide Area Fixture, Pole Mount	1,348.86	202.87
26 56 21 00-0037	EA	400 Watt, Metal Halide Area Fixture, Pole Mount	1,425.93	236.68
26 56 21 00-0038		High Pressure Sodium, Area Fixtures *(26 56 21)*		
26 56 21 00-0039		Pole Mount, High Pressure Sodium Area Fixtures *(26 56 21 00-0038)*		
26 56 21 00-0040	EA	100 Watt, High Pressure Sodium Area Fixture, Pole Mount	923.46	135.24
26 56 21 00-0041	EA	150 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,004.40	169.06
26 56 21 00-0042	EA	250 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,088.89	202.87
26 56 21 00-0043	EA	400 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,147.34	236.68
26 56 21 00-0044		Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21)*		
26 56 21 00-0045		Metal Halide, Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21 00-0044)*		
26 56 21 00-0046	EA	175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	640.49	255.17
26 56 21 00-0047	EA	250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	727.81	287.07
26 56 21 00-0048	EA	400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	868.95	318.97
26 56 21 00-0049	EA	1,000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,112.61	373.84

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0050			High Pressure Sodium, Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21 00-0044)*		
26 56 21 00-0051		EA	70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	612.66	218.17
26 56 21 00-0052		EA	100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	664.97	232.21
26 56 21 00-0053		EA	150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	716.04	244.97
26 56 21 00-0054		EA	175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	740.15	255.17
26 56 21 00-0055		EA	250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	820.88	287.07
26 56 21 00-0056		EA	400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	885.33	318.97
26 56 21 00-0057		EA	1,000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,222.29	373.84
26 56 21 00-0058			Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 21)*		
26 56 21 00-0059			High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 21 00-0058)*		
			Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0060		EA	35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	756.78	172.24
26 56 21 00-0061		EA	50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	785.77	191.38
26 56 21 00-0062		EA	70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	840.74	218.17
26 56 21 00-0063		EA	100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	864.41	232.21
26 56 21 00-0064		EA	150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	888.81	244.97
26 56 21 00-0065		EA	175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	931.12	255.17
26 56 21 00-0066		EA	250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,020.07	287.07
26 56 21 00-0067		EA	400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,235.94	318.97
26 56 21 00-0068			Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 21 00-0058)*		
			Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0069		EA	50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	833.61	191.38
26 56 21 00-0070		EA	70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	881.20	218.17
26 56 21 00-0071		EA	100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	911.90	232.21
26 56 21 00-0072		EA	150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	950.71	244.97
26 56 21 00-0073		EA	175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	971.55	255.17
26 56 21 00-0074		EA	250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,062.50	287.07
26 56 21 00-0075		EA	400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,349.12	318.97
26 56 21 00-0076			Wall Packs *(26 56 21)*		
26 56 21 00-0077			Non Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 21 00-0076)*		
			Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS.		
26 56 21 00-0078		EA	13 Watt Compact Fluorescent, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	357.03	60.47
26 56 21 00-0079		EA	50 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	382.83	60.47
26 56 21 00-0080		EA	35 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	382.83	60.47
26 56 21 00-0081		EA	70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	507.91	60.47
26 56 21 00-0082			Semi Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 21 00-0076)*		
			Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA.		
26 56 21 00-0083		EA	42 Watt Compact Fluorescent, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	709.80	60.47
26 56 21 00-0084		EA	50 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	719.08	60.47
26 56 21 00-0085		EA	70 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	727.10	60.47
26 56 21 00-0086		EA	100 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	712.46	60.47
26 56 21 00-0087		EA	70 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	652.27	60.47
26 56 21 00-0088		EA	100 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	619.21	60.47
26 56 21 00-0089			Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 21 00-0076)*		
			Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC.		
26 56 21 00-0090		EA	50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	747.88	60.47
26 56 21 00-0091		EA	70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	756.34	60.47
26 56 21 00-0092		EA	100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	741.72	60.47
26 56 21 00-0093		EA	70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	753.49	60.47
26 56 21 00-0094		EA	100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	753.49	60.47
26 56 21 00-0095			Non Cutoff, Borosilicate Glass Lens, Small Wall Packs *(26 56 21 00-0076)*		
			Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1.		
26 56 21 00-0096		EA	70 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	711.10	80.56
26 56 21 00-0097		EA	100 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	711.10	80.56
26 56 21 00-0098		EA	175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	665.80	80.56
26 56 21 00-0099		EA	70 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	683.16	80.56
26 56 21 00-0100		EA	100 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	683.16	80.56
26 56 21 00-0101		EA	150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	632.94	80.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0102		**Cutoff, Borosilicate Glass Lens, Small Wall Packs** *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C.		
26 56 21 00-0103	EA	70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	737.94	80.56
26 56 21 00-0104	EA	100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	737.94	80.56
26 56 21 00-0105	EA	175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	737.94	80.56
26 56 21 00-0106	EA	70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	711.30	80.56
26 56 21 00-0107	EA	100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	711.30	80.56
26 56 21 00-0108	EA	150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	711.30	80.56
26 56 21 00-0109		**Full Cutoff, Tempered Glass Lens, Small Wall Packs** *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S.		
26 56 21 00-0110	EA	175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack	954.77	80.56
26 56 21 00-0111		**Cutoff, Borosilicate Glass Lens, Medium Wall Packs** *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. Lithonia TWR2.		
26 56 21 00-0112	EA	250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 9-3/8".	896.22	99.79
26 56 21 00-0113	EA	400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 12-1/2".	957.63	99.79
26 56 21 00-0114	EA	250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 9-3/8".	1,030.85	99.79
26 56 21 00-0115	EA	400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 12-1/2".	1,051.00	99.79
26 56 21 00-0116		**Cutoff, Tempered Glass Lens, Medium Wall Packs** *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C.		
26 56 21 00-0117	EA	250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	975.21	99.79
26 56 21 00-0118	EA	400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	1,044.21	99.79
26 56 21 00-0119		**Non Cutoff, Polycarbonate Lens, Large Wall Packs** *(26 56 21 00-0076)*		
		Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP.		
26 56 21 00-0120	EA	100 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack	898.78	120.96
26 56 21 00-0121	EA	175 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack	825.70	120.96
26 56 21 00-0122	EA	70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	881.87	120.96
26 56 21 00-0123	EA	100 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	887.46	120.96
26 56 21 00-0124	EA	150 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	893.33	120.96
26 56 21 00-0125		**Non Cutoff, Borosilicate Glass Lens, Large Wall Packs** *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH.		
26 56 21 00-0126	EA	175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	898.80	120.96
26 56 21 00-0127	EA	250 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	923.19	120.96
26 56 21 00-0128	EA	400 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	996.27	120.96
26 56 21 00-0129	EA	150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	947.56	120.96
26 56 21 00-0130	EA	250 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	971.94	120.96
26 56 21 00-0131	EA	400 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	1,020.62	120.96
26 56 21 00-0132		**Semi Cutoff, Induction Wall Packs** *(26 56 21 00-0076)*		
26 56 21 00-0133		**Semi Cutoff, Induction Wall Packs (Everlast®)** *(26 56 21 00-0132)*		
		Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0134	EA	70 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-70)	1,163.77	115.06
26 56 21 00-0135	EA	80 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-80)	1,187.71	121.83
26 56 21 00-0136	EA	100 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-100)	1,211.64	128.59
26 56 21 00-0137	EA	120 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-120)	1,350.02	135.37
26 56 21 00-0138		**Non Cutoff, Polycarbonate Lens, Small Wall Packs** *(26 56 21 00-0076)*		
26 56 21 00-0139	EA	15 Watt, Exterior, Non-Cutoff Small Wall Pack (Sylvania 60066-SMWLPAK1N/015UNV740/NC/BZ/P)	368.58	60.47
26 56 21 00-0140		**Induction, Roadway Lighting** *(26 56 21)*		
26 56 21 00-0141		**Induction Roadway Lighting (US Lighting Tech)** *(26 56 21 00-0140)*		
		Note: Includes gray powder coat finish heavy duty die cast aluminum body and flat glass lens.		
26 56 21 00-0142	EA	40 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	657.83	203.04
26 56 21 00-0143	EA	70 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	720.72	209.81
26 56 21 00-0144	EA	100 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	747.80	223.35
26 56 21 00-0145	EA	150 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	774.87	236.88
26 56 21 00-0146	EA	200 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	901.93	243.65
26 56 21 00-0147	EA	250 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	919.41	250.42
26 56 21 00-0148	EA	40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	616.37	203.04
26 56 21 00-0149	EA	70 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	685.18	209.81
26 56 21 00-0150	EA	100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	712.26	223.35

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0151	EA	150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	739.33	236.88
26 56 21 00-0152		Induction, Area Fixtures *(26 56 21)*		
26 56 21 00-0153		Post Top, Induction Area Fixtures *(26 56 21 00-0152)*		
26 56 21 00-0154		Post Top, Induction Area Fixtures (US Lighting Tech) *(26 56 21 00-0153)*		
		Note: Includes black powder coat finish heavy duty die cast aluminum body and no-lite lid acrylic lens.		
26 56 21 00-0155	EA	40 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	728.62	186.13
26 56 21 00-0156	EA	70 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	785.88	186.13
26 56 21 00-0157	EA	100 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	785.88	186.13
26 56 21 00-0158	EA	150 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	785.88	186.13
26 56 21 00-0159		Surface Mount, Induction Parking Structure Fixtures *(26 56 21 00-0152)*		
26 56 21 00-0160		Surface Mount, Induction Parking Structure Fixtures (Everlast®) *(26 56 21 00-0159)*		
26 56 21 00-0161	EA	40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	661.19	169.20
26 56 21 00-0162	EA	55 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	701.53	172.59
26 56 21 00-0163	EA	70 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	712.25	175.97
26 56 21 00-0164	EA	80 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	722.95	179.35
26 56 21 00-0165	EA	100 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	733.68	182.74
26 56 21 00-0166	EA	120 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	748.34	186.13
26 56 21 00-0167	EA	70/28 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	769.50	175.97
26 56 21 00-0168	EA	80/32 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	780.21	179.35
26 56 21 00-0169	EA	100/40 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	790.94	182.74
26 56 21 00-0170	EA	120/48 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	822.38	186.13
26 56 21 00-0171		Pole Mount, Induction Area Fixtures *(26 56 21 00-0152)*		
26 56 21 00-0172		Pole Mount, Bi-Level Induction Area Fixtures (Everlast® ESB-ED) *(26 56 21 00-0171)*		
		Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0173	EA	70 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-70)	1,215.78	115.06
26 56 21 00-0174	EA	80 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-80)	1,250.13	121.83
26 56 21 00-0175	EA	100 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-100)	1,284.46	128.59

END OF SECTION 26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 Communications

Note: Termination costs are included with all communication equipment, panel boards, and devices. Terminations are not included with patch panels.

27 05 Common Work Results for Communications *(27)*

27 05 26 Grounding and Bonding for Communications Systems *(27 05)*

See CSI section 26 05 26 00-0000 for grounding.

27 05 26 00-0001	EA	25 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 720-00) Note: Excludes terminations.		1,011.83	123.82
27 05 26 00-0002	EA	50 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 820-00) Note: Excludes terminations.		1,294.34	165.13
27 05 26 00-0003	EA	100 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 630-00) Note: Excludes terminations.		2,049.17	247.63
27 05 26 00-0004	EA	Lucent 3B1-EW, Gas Tube Protector Unit		12.23	1.82
27 05 26 00-0005	EA	44 Terminal Copper Ground Bus Bar (Siemens ECGK)		80.91	32.71
27 05 26 00-0006	EA	2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar		193.96	32.71
27 05 26 00-0007	EA	4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar		366.84	32.71
27 05 26 00-0008	EA	#6 AWG, Cable Runway Ground Strap		73.03	6.05
27 05 26 00-0009	EA	1/4" Screw Size, #6 AWG Compression Lug		25.65	6.05
27 05 26 00-0010	EA	3/8" Screw Size, #6 AWG Compression Lug		27.32	6.05
27 05 26 00-0011	EA	Two Mounting Hole, Ground Terminal Block		30.41	6.05

27 05 29 Hangers and Supports for Communications Systems *(27 05)*

See CSI section 26 05 29 00-0000 for hangers and supports.

27 05 29 00-0001 Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29)*

27 05 29 00-0002 Screw On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Includes screw.

27 05 29 00-0003	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12)		9.42	3.03
		For >50 To 100, Deduct	*-0.39*		
		For >100 To 250, Deduct	*-0.77*		
		For >250 To 500, Deduct	*-1.46*		
		For >500, Deduct	*-2.15*		
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.61*		
		For Work In Restricted Working Space, Add	*1.82*		
		For Painted Powder Coated Finish, Add	*0.69*		
27 05 29 00-0004	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21)		9.94	3.03
		For >50 To 100, Deduct	*-0.40*		
		For >100 To 250, Deduct	*-0.80*		
		For >250 To 500, Deduct	*-1.50*		
		For >500, Deduct	*-2.20*		
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.61*		
		For Work In Restricted Working Space, Add	*1.82*		
		For Painted Powder Coated Finish, Add	*2.40*		
		For Low Friction Xylan® Coated Finish, Add	*8.55*		
27 05 29 00-0005	EA	2" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32)		10.75	3.03
		For >50 To 100, Deduct	*-0.42*		
		For >100 To 250, Deduct	*-0.84*		
		For >250 To 500, Deduct	*-1.56*		
		For >500, Deduct	*-2.29*		
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.61*		
		For Work In Restricted Working Space, Add	*1.82*		
		For Painted Powder Coated Finish, Add	*2.94*		
		For Low Friction Xylan® Coated Finish, Add	*10.62*		
27 05 29 00-0006	EA	4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64)		17.74	3.03
		For >50 To 100, Deduct	*-0.59*		
		For >100 To 250, Deduct	*-1.19*		
		For >250 To 500, Deduct	*-2.09*		
		For >500, Deduct	*-2.98*		
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.61*		
		For Work In Restricted Working Space, Add	*1.82*		
		For Painted Powder Coated Finish, Add	*1.57*		
		For Low Friction Xylan® Coated Finish, Add	*9.41*		

27 05 29 00-0007 Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Includes screw.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0008	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-RB)	10.65	3.03
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.56*	
		For >500, Deduct	*-2.28*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.61*	
		For Work In Restricted Working Space, Add	*1.82*	
27 05 29 00-0009	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-RB)	13.79	3.03
		For >50 To 100, Deduct	*-0.50*	
		For >100 To 250, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-1.79*	
		For >500, Deduct	*-2.59*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.61*	
		For Work In Restricted Working Space, Add	*1.82*	
27 05 29 00-0010	EA	2" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-RB)	15.32	3.03
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 250, Deduct	*-1.07*	
		For >250 To 500, Deduct	*-1.91*	
		For >500, Deduct	*-2.74*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.61*	
		For Work In Restricted Working Space, Add	*1.82*	
27 05 29 00-0011	EA	4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-RB)	20.80	3.03
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-2.32*	
		For >500, Deduct	*-3.29*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.61*	
		For Work In Restricted Working Space, Add	*1.82*	

27 05 29 00-0012 Strut Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes strut.

27 05 29 00-0013	EA	3/4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-SC4)	11.23	3.03
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.60*	
		For >500, Deduct	*-2.33*	
		For Work In Restricted Working Space, Add	*1.82*	
27 05 29 00-0014	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-SC4)	13.33	3.03
		For >50 To 100, Deduct	*-0.48*	
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.54*	
		For Work In Restricted Working Space, Add	*1.82*	
27 05 29 00-0015	EA	2" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-SC4)	14.42	3.03
		For >50 To 100, Deduct	*-0.51*	
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.65*	
		For Work In Restricted Working Space, Add	*1.82*	
27 05 29 00-0016	EA	4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-SC4)	19.60	3.03
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-1.28*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-3.17*	
		For Work In Restricted Working Space, Add	*1.82*	

27 05 29 00-0017 T-Bar Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes T-Bar.

27 05 29 00-0018	EA	3/4" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-A28)	13.53	3.03
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.77*	
		For >500, Deduct	*-2.56*	
		For Work In Restricted Working Space, Add	*1.82*	
27 05 29 00-0019	EA	1-5/16" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-A28)	17.08	3.03
		For >50 To 100, Deduct	*-0.58*	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.92*	
		For Work In Restricted Working Space, Add	*1.82*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0020	EA	2" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-A28)	18.00	3.03
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-3.01*	
		For Work In Restricted Working Space, Add	*1.82*	

27 05 29 00-0021 Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes threaded rod. See CSI section 26 05 29 00-0376 for threaded rod.

27 05 29 00-0022	EA	3/4" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-W6)	10.95	3.03
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-2.31*	
		For Work In Restricted Working Space, Add	*1.82*	
27 05 29 00-0023	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-W6)	11.43	3.03
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 250, Deduct	*-0.87*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-2.35*	
		For Work In Restricted Working Space, Add	*1.82*	
27 05 29 00-0024	EA	2" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-W6)	13.89	3.03
		For >50 To 100, Deduct	*-0.50*	
		For >100 To 250, Deduct	*-1.00*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.60*	
		For Work In Restricted Working Space, Add	*1.82*	

27 05 29 00-0025 Threaded Rod Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes threaded rod, nuts and washers. See CSI section 26 05 29 00-0376 for threaded rod, nuts and washers.

27 05 29 00-0026	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-AB)	13.61	3.03
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.57*	
		For Work In Restricted Working Space, Add	*1.82*	
27 05 29 00-0027	EA	2" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-AB)	14.76	3.03
		For >50 To 100, Deduct	*-0.52*	
		For >100 To 250, Deduct	*-1.04*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.69*	
		For Work In Restricted Working Space, Add	*1.82*	
27 05 29 00-0028	EA	4" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-AB)	20.48	3.03
		For >50 To 100, Deduct	*-0.66*	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-3.26*	
		For Work In Restricted Working Space, Add	*1.82*	

27 05 29 00-0029 Beam Clamp Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

27 05 29 00-0030	EA	3/4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-C442A)	13.45	3.03
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.77*	
		For >500, Deduct	*-2.56*	
		For Work In Restricted Working Space, Add	*1.82*	
27 05 29 00-0031	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-C442A)	15.50	3.03
		For >50 To 100, Deduct	*-0.54*	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.76*	
		For Work In Restricted Working Space, Add	*1.82*	
27 05 29 00-0032	EA	2" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-C442A)	16.59	3.03
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.87*	
		For Work In Restricted Working Space, Add	*1.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0033	EA	4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-C442A)	22.56	3.03
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 250, Deduct	*-1.43*	
		For >250 To 500, Deduct	*-2.45*	
		For >500, Deduct	*-3.47*	
		For Work In Restricted Working Space, Add	*1.82*	
27 05 29 00-0034		Adjustable Cable Supports (Caddy® CableCat CAT425) *(27 05 29)*		
27 05 29 00-0035	EA	Wall Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	38.36	3.99
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 250, Deduct	*-2.52*	
		For >250 To 500, Deduct	*-4.39*	
		For >500, Deduct	*-6.26*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*3.13*	
		For Work In Restricted Working Space, Add	*3.63*	
27 05 29 00-0036	EA	Threaded Rod Or Horizontal Surface Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	39.13	3.99
		For >50 To 100, Deduct	*-1.28*	
		For >100 To 250, Deduct	*-2.56*	
		For >250 To 500, Deduct	*-4.45*	
		For >500, Deduct	*-6.33*	
		For Work In Restricted Working Space, Add	*3.63*	
27 05 29 00-0037	EA	Up To 1/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	43.12	3.99
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 250, Deduct	*-2.76*	
		For >250 To 500, Deduct	*-4.75*	
		For >500, Deduct	*-6.73*	
		For Work In Restricted Working Space, Add	*3.63*	
27 05 29 00-0038	EA	>1/4" To 3/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	38.23	3.99
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 250, Deduct	*-2.52*	
		For >250 To 500, Deduct	*-4.38*	
		For >500, Deduct	*-6.24*	
		For Work In Restricted Working Space, Add	*3.63*	
27 05 29 00-0039	EA	Up To 1/2" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	40.08	3.99
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 250, Deduct	*-2.61*	
		For >250 To 500, Deduct	*-4.52*	
		For >500, Deduct	*-6.43*	
		For Work In Restricted Working Space, Add	*3.63*	
27 05 29 00-0040	EA	>1/2" To 5/8" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	41.91	3.99
		For >50 To 100, Deduct	*-1.35*	
		For >100 To 250, Deduct	*-2.70*	
		For >250 To 500, Deduct	*-4.66*	
		For >500, Deduct	*-6.61*	
		For Work In Restricted Working Space, Add	*3.63*	
27 05 29 00-0041	EA	Up To 1/4" Flange, Hammer On Purlin Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	39.46	3.99
		For >50 To 100, Deduct	*-1.29*	
		For >100 To 250, Deduct	*-2.58*	
		For >250 To 500, Deduct	*-4.47*	
		For >500, Deduct	*-6.37*	
		For Work In Restricted Working Space, Add	*3.63*	

27 05 33 Conduits and Backboxes for Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for conduit and boxes.

27 05 36 Cable Trays for Communications Systems *(27 05)*

See CSI section 26 05 36 00-0000 for cable trays.

27 05 39 Surface Raceways for Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for surface raceways.

27 05 43 Underground Ducts and Raceways for Communications Systems *(27 05)*

See CSI section 26 05 43 00-0000 for underground ducts and raceways.

27 05 46 Utility Poles for Communications Systems *(27 05)*

See CSI section 26 05 46 00-0000 for utility poles.

27 05 53 Identification for Communications Systems *(27 05)*

See CSI section 26 05 53 00-0000 for identification.

27 10 Structured Cabling *(27)*

Note: Includes identifying, tagging and testing.

27 11 Communications Equipment Room Fittings *(27 10)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16		**Communications Cabinets, Racks, Frames, and Enclosures** *(27 11)*		
27 11 16 00-0001		3/4" Fire Retardant Plywood Backboards *(27 11 16)*		
27 11 16 00-0002	EA	4' x 4' x 3/4" Fire Retardant Plywood Backboard	101.81	31.45
		For Two Coats Of Non-Conductive, Fire Retardant Paint, Add	*44.88*	
27 11 16 00-0003	EA	4' x 8' x 3/4" Fire Retardant Plywood Backboard	203.61	62.90
		For Two Coats Of Non-Conductive, Fire Retardant Paint, Add	*89.78*	
27 11 16 00-0004		Terminal Cabinets *(27 11 16)*		
27 11 16 00-0005	EA	12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	376.29	90.71
27 11 16 00-0006	EA	18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	477.95	99.79
27 11 16 00-0007	EA	24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	549.95	114.90
27 11 16 00-0008	EA	18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	570.94	117.93
27 11 16 00-0009	EA	24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	702.30	120.96
27 11 16 00-0010	EA	26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard	871.87	136.07
27 11 16 00-0011	EA	24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	893.64	133.04
27 11 16 00-0012	EA	30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,145.05	189.53
27 11 16 00-0013	EA	36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,223.94	208.28
27 11 16 00-0014	EA	42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,484.15	220.02
27 11 16 00-0015	EA	30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,225.87	181.43
27 11 16 00-0016	EA	36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,325.70	196.55
27 11 16 00-0017	EA	48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,651.57	251.95
27 11 16 00-0018	EA	54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,981.01	314.96
27 11 16 00-0019	EA	48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	2,254.38	311.45
27 11 16 00-0020	EA	60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	2,585.72	378.95
27 11 16 00-0021		Equipment Racks And Cable Managers *(27 11 16)*		
27 11 16 00-0022		Equipment Racks *(27 11 16 00-0021)*		
		Note: Electronics Industries Association EIA-310-D compliant. Includes aluminum construction with clear grained aluminum or black epoxy-polyester hybrid powder coat finish.		
27 11 16 00-0023		Standard Equipment Racks *(27 11 16 00-0022)*		
27 11 16 00-0024		19" Width, Standard Equipment Racks *(27 11 16 00-0023)*		
27 11 16 00-0025	EA	84" Height, 19" Width, 3" Depth, 45U, Standard Equipment Rack (Chatsworth 55053-X03)	613.36	193.53
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*11.32*	
27 11 16 00-0026	EA	96" Height, 19" Width, 3" Depth, 51U, Standard Equipment Rack (Chatsworth 55053-X15)	857.83	205.62
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.33*	
27 11 16 00-0027	EA	108" Height, 19" Width, 3" Depth, 58U, Standard Equipment Rack (Chatsworth 55053-X08)	927.12	217.71
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.58*	
27 11 16 00-0028		Universal Equipment Racks *(27 11 16 00-0022)*		
27 11 16 00-0029		Universal Equipment Racks *(27 11 16 00-0028)*		
27 11 16 00-0030		19" Width, EIA Universal Equipment Racks *(27 11 16 00-0029)*		
27 11 16 00-0031	EA	36" Height, 19" Width, 3" Depth, 17U, EIA Universal Equipment Rack (Chatsworth 46353-X31)	806.66	169.34
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.40*	
27 11 16 00-0032	EA	48" Height, 19" Width, 3" Depth, 24U, EIA Universal Equipment Rack (Chatsworth 46353-X20)	882.82	172.36
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.91*	
27 11 16 00-0033	EA	60" Height, 19" Width, 3" Depth, 31U, EIA Universal Equipment Rack (Chatsworth 46353-X19)	881.34	175.38
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.53*	
27 11 16 00-0034	EA	66" Height, 19" Width, 3" Depth, 34U, EIA Universal Equipment Rack (Chatsworth 46353-X00)	904.13	178.41
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.37*	
27 11 16 00-0035	EA	72" Height, 19" Width, 3" Depth, 38U, EIA Universal Equipment Rack (Chatsworth 46353-X01)	926.67	181.43
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.19*	
27 11 16 00-0036	EA	78" Height, 19" Width, 3" Depth, 41U, EIA Universal Equipment Rack (Chatsworth 46353-X02)	951.10	184.45
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.11*	
27 11 16 00-0037	EA	84" Height, 19" Width, 3" Depth, 45U, EIA Universal Equipment Rack (Chatsworth 46353-X03)	807.15	187.48
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.61*	
27 11 16 00-0038	EA	90" Height, 19" Width, 3" Depth, 48U, EIA Universal Equipment Rack (Chatsworth 46353-X05)	998.56	190.50
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.88*	
27 11 16 00-0039	EA	96" Height, 19" Width, 3" Depth, 51U, EIA Universal Equipment Rack (Chatsworth 46353-X15)	1,034.30	193.53
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*32.36*	
27 11 16 00-0040	EA	102" Height, 19" Width, 3" Depth, 55U, EIA Universal Equipment Rack (Chatsworth 46353-X17)	1,065.47	196.55
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*33.62*	
27 11 16 00-0041	EA	108" Height, 19" Width, 3" Depth, 58U, EIA Universal Equipment Rack (Chatsworth 46353-X08)	1,072.78	199.57
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*33.68*	
27 11 16 00-0042		23" Width, Universal Equipment Racks *(27 11 16 00-0029)*		
27 11 16 00-0043	EA	36" Height, 23" Width, 3" Depth, 17U, Universal Equipment Rack (Chatsworth 46383-X31)	854.69	169.34
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.80*	
27 11 16 00-0044	EA	48" Height, 23" Width, 3" Depth, 24U, Universal Equipment Rack (Chatsworth 46383-X20)	884.60	172.36
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.99*	
27 11 16 00-0045	EA	60" Height, 23" Width, 3" Depth, 31U, Universal Equipment Rack (Chatsworth 46383-X19)	910.91	175.38
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.01*	
27 11 16 00-0046	EA	66" Height, 23" Width, 3" Depth, 34U, Universal Equipment Rack (Chatsworth 46383-X00)	960.37	178.41
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.18*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0047		EA	72" Height, 23" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46383-X01)	984.57	181.43
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.09*	
27 11 16 00-0048		EA	78" Height, 23" Width, 3" Depth, 41U, Universal Equipment Rack (Chatsworth 46383-X02)	1,010.92	184.45
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*32.10*	
27 11 16 00-0049		EA	84" Height, 23" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46383-X03)	867.66	187.48
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.64*	
27 11 16 00-0050		EA	90" Height, 23" Width, 3" Depth, 48U, Universal Equipment Rack (Chatsworth 46383-X05)	1,062.05	190.50
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*34.05*	
27 11 16 00-0051		EA	96" Height, 23" Width, 3" Depth, 51U, Universal Equipment Rack (Chatsworth 46383-X15)	1,100.79	193.53
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*35.69*	
27 11 16 00-0052		EA	102" Height, 23" Width, 3" Depth, 55U, Universal Equipment Rack (Chatsworth 46383-X17)	1,134.59	196.55
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*37.07*	
27 11 16 00-0053		EA	108" Height, 23" Width, 3" Depth, 58U, Universal Equipment Rack (Chatsworth 46383-X08)	1,142.00	199.57
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*37.14*	
27 11 16 00-0054			35" Width, Universal Equipment Racks *(27 11 16 00-0029)*		
27 11 16 00-0055		EA	72" Height, 35" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46363-X01)	1,065.97	181.43
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*35.16*	
27 11 16 00-0056		EA	84" Height, 35" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46363-X03)	1,122.93	187.48
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*37.40*	
27 11 16 00-0057			UL Listed Universal Equipment Racks *(27 11 16 00-0028)*		
			Note: UL listed as a communications circuit accessory.		
27 11 16 00-0058			19" Width, UL Listed Universal Equipment Racks *(27 11 16 00-0057)*		
27 11 16 00-0059		EA	36" Height, 19" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48353-X31)	853.47	169.34
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.74*	
27 11 16 00-0060		EA	48" Height, 19" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48353-X20)	923.78	172.36
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.95*	
27 11 16 00-0061		EA	60" Height, 19" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48353-X19)	937.90	175.38
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.36*	
27 11 16 00-0062		EA	66" Height, 19" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48353-X00)	958.90	178.41
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.10*	
27 11 16 00-0063		EA	72" Height, 19" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48353-X01)	983.03	181.43
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.01*	
27 11 16 00-0064		EA	78" Height, 19" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48353-X02)	1,009.32	184.45
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*32.02*	
27 11 16 00-0065		EA	84" Height, 19" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48353-X03)	1,034.54	187.48
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*32.98*	
27 11 16 00-0066		EA	90" Height, 19" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48353-X05)	1,060.35	190.50
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*33.97*	
27 11 16 00-0067		EA	96" Height, 19" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48353-X15)	1,099.05	193.53
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*35.60*	
27 11 16 00-0068		EA	102" Height, 19" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48353-X17)	1,132.75	196.55
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*36.98*	
27 11 16 00-0069		EA	108" Height, 19" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48353-X08)	1,140.09	199.57
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*37.05*	
27 11 16 00-0070			23" Width, UL Listed Universal Equipment Racks *(27 11 16 00-0057)*		
27 11 16 00-0071		EA	36" Height, 23" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48383-X31)	906.34	169.34
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.38*	
27 11 16 00-0072		EA	48" Height, 23" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48383-X20)	995.48	172.36
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*32.54*	
27 11 16 00-0073		EA	60" Height, 23" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48383-X19)	1,008.09	175.38
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*32.87*	
27 11 16 00-0074		EA	66" Height, 23" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48383-X00)	1,020.72	178.41
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*33.20*	
27 11 16 00-0075		EA	72" Height, 23" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48383-X01)	1,046.73	181.43
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*34.19*	
27 11 16 00-0076		EA	78" Height, 23" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48383-X02)	1,075.13	184.45
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*35.31*	
27 11 16 00-0077		EA	84" Height, 23" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48383-X03)	1,102.29	187.48
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*36.37*	
27 11 16 00-0078		EA	90" Height, 23" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48383-X05)	1,130.13	190.50
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*37.46*	
27 11 16 00-0079		EA	96" Height, 23" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48383-X15)	1,172.15	193.53
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*39.26*	
27 11 16 00-0080		EA	102" Height, 23" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48383-X17)	1,208.74	196.55
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*40.78*	
27 11 16 00-0081		EA	108" Height, 23" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48383-X08)	1,216.40	199.57
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*40.86*	
27 11 16 00-0082			4-Post Equipment Racks And Server Frames *(27 11 16 00-0022)*		
27 11 16 00-0083			4-Post Equipment Racks *(27 11 16 00-0082)*		
27 11 16 00-0084		EA	19" Width, 29" Depth, 84" Height, 4-Post Equipment Rack (Chatsworth 50120-X03)	1,729.45	302.38
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*56.23*	
27 11 16 00-0085		EA	19" Width, 29" Depth, 96" Height, 4-Post Equipment Rack (Chatsworth 50120-X15)	1,890.12	314.48
			For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*63.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0086	EA	19" Width, 29" Depth, 108" Height, 4-Post Equipment Rack (Chatsworth 50120-X08)	2,041.62	326.57
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*69.42*	
27 11 16 00-0087		**4-Post Server Frame** *(27 11 16 00-0082)*		
27 11 16 00-0088	EA	19" Width, 29" Depth, 84" Height, Server Frame (Chatsworth 15053-X03)	1,778.91	302.38
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*58.71*	
27 11 16 00-0089		**Cable Managers** *(27 11 16 00-0021)*		
27 11 16 00-0090		**Horizontal Cable Managers** *(27 11 16 00-0089)*		
27 11 16 00-0091		**Single-Sided, Horizontal Cable Managers** *(27 11 16 00-0090)*		
27 11 16 00-0092	EA	1U Height, 19" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-719)	100.73	12.10
27 11 16 00-0093	EA	1U Height, 23" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-723)	112.34	12.10
27 11 16 00-0094	EA	1U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-701)	83.85	12.10
27 11 16 00-0095	EA	2U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-719)	102.47	12.10
27 11 16 00-0096	EA	2U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-723)	120.45	12.10
27 11 16 00-0097	EA	2U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-702)	93.03	12.10
27 11 16 00-0098	EA	3U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-719)	138.69	12.10
27 11 16 00-0099	EA	3U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-723)	158.08	12.10
27 11 16 00-0100	EA	3U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-703)	111.38	12.10
27 11 16 00-0101		**Double-Sided, Horizontal Cable Managers** *(27 11 16 00-0090)*		
27 11 16 00-0102	EA	1U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-719)	125.47	12.10
27 11 16 00-0103	EA	1U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-723)	140.78	12.10
27 11 16 00-0104	EA	2U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-719)	132.10	12.10
27 11 16 00-0105	EA	2U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-723)	154.02	12.10
27 11 16 00-0106	EA	3U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-719)	171.39	12.10
27 11 16 00-0107	EA	3U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-723)	192.11	12.10
27 11 16 00-0108		**Vertical Cable Managers** *(27 11 16 00-0089)*		
27 11 16 00-0109		**Single-Sided, Vertical Cable Managers** *(27 11 16 00-0108)*		
27 11 16 00-0110	EA	3.6" Width, 9.7" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-701)	226.74	18.14
27 11 16 00-0111	EA	6" Width, 9.8" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-701)	320.81	18.14
27 11 16 00-0112	EA	10" Width, 10.3" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-701)	518.14	18.14
27 11 16 00-0113	EA	12" Width, 10.4" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-701)	586.98	18.14
27 11 16 00-0114	EA	3.6" Width, 9.7" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-703)	242.80	18.14
27 11 16 00-0115	EA	6" Width, 9.8" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-703)	346.05	18.14
27 11 16 00-0116	EA	10" Width, 10.3" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-703)	564.03	18.14
27 11 16 00-0117	EA	12" Width, 10.4" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-703)	632.87	18.14
27 11 16 00-0118	EA	3.6" Width, 9.7" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-715)	274.92	18.14
27 11 16 00-0119	EA	6" Width, 9.8" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-715)	380.47	18.14
27 11 16 00-0120	EA	10" Width, 10.3" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-715)	632.87	18.14
27 11 16 00-0121	EA	12" Width, 10.4" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-715)	701.71	18.14
27 11 16 00-0122		**Double-Sided, Vertical Cable Managers** *(27 11 16 00-0108)*		
27 11 16 00-0123	EA	3.6" Width, 16.4" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-701)	329.99	18.14
27 11 16 00-0124	EA	6" Width, 16.6" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-701)	389.65	18.14
27 11 16 00-0125	EA	10" Width, 17.5" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-701)	632.87	18.14
27 11 16 00-0126	EA	12" Width, 17.8" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-701)	747.60	18.14
27 11 16 00-0127	EA	3.6" Width, 16.4" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-703)	357.53	18.14
27 11 16 00-0128	EA	6" Width, 16.6" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-703)	417.18	18.14
27 11 16 00-0129	EA	10" Width, 17.5" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-703)	678.76	18.14
27 11 16 00-0130	EA	12" Width, 17.8" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-703)	793.49	18.14
27 11 16 00-0131	EA	3.6" Width, 16.4" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-715)	394.24	18.14
27 11 16 00-0132	EA	6" Width, 16.6" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-715)	453.90	18.14
27 11 16 00-0133	EA	10" Width, 17.5" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-715)	747.60	18.14
27 11 16 00-0134	EA	12" Width, 17.8" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-715)	862.32	18.14
27 11 16 00-0135		**Accessories For Vertical Cable Managers** *(27 11 16 00-0108)*		
27 11 16 00-0136	EA	Cable Ring Kit For 3.6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-716)	138.92	12.10
27 11 16 00-0137	EA	Cable Ring Kit For 3.6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-717)	148.10	12.10
27 11 16 00-0138	EA	Cable Ring Kit For 3.6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-718)	157.27	12.10
27 11 16 00-0139	EA	Cable Ring Kit For 6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-726)	143.51	12.10
27 11 16 00-0140	EA	Cable Ring Kit For 6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-727)	157.27	12.10
27 11 16 00-0141	EA	Cable Ring Kit For 6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-728)	171.04	12.10
27 11 16 00-0142	EA	Cable Ring Kit For 10" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-746)	161.86	12.10
27 11 16 00-0143	EA	Cable Ring Kit For 10" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-747)	175.63	12.10
27 11 16 00-0144	EA	Cable Ring Kit For 10" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-748)	189.40	12.10
27 11 16 00-0145	EA	Cable Ring Kit For 12" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-756)	171.04	12.10
27 11 16 00-0146	EA	Cable Ring Kit For 12" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-757)	189.40	12.10
27 11 16 00-0147	EA	Cable Ring Kit For 12" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-758)	203.16	12.10
27 11 16 00-0148	EA	Cable Lashing Bar Kit For Vertical Cable Managers (Chatsworth 13928-001)	115.97	12.10
27 11 16 00-0149	EA	Cable Spool Kit For Vertical Cable Managers (Chatsworth 13935-701)	134.33	12.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0150	EA	Cable Distribution Spools For Vertical Cable Managers (Chatsworth 15008-001)	140.52	12.10
27 11 16 00-0151	EA	Cable Distribution Spool Spacer Kit For Vertical Cable Managers (Chatsworth 35505-001)	88.44	12.10
27 11 16 00-0152		Cisco Switch Catalyst WS *(27 11 16)*		
27 11 16 00-0153	EA	10-Slot, Switch Chassis WS 4510R+E	14,475.00	
27 11 16 00-0154	EA	Supervisor Engine WS-X45-SUP8-E	27,650.56	
27 11 16 00-0155	EA	Service Module WS-X4748-RJ45-E Note: CATALYST 4500 E-SERIES 48-PORT 10/100/1000 NON-BLOCKING	9,851.17	
27 11 16 00-0156	EA	SFP Line Card WS-X4712-SFP-E Note: CATALYST 4500 E-SERIES 12-PORT 10GBE (SFP+)	8,443.68	
27 11 16 00-0157	EA	Power Supply PWR-45-1400A	2,134.03	
27 11 16 00-0158	EA	Single Mode SFP Module GLC-LH-SMD Note: 1000BASE-LX/LH SFP TRANSCEIVER MODULE, MMF/SMF, 1310NM, DOM	1,557.47	

27 11 19 Communications Termination Blocks and Patch Panels *(27 11)*

Note: The terminating, testing, and labeling of the cables in question should be done according to the task description as well as the current contract specifications. See CSI section 26 05 53 00-0020 for labeling.

27 11 19 00-0001 Computer Network Components *(27 11 19)*

27 11 19 00-0002 Ethernet Patch Panels *(27 11 19 00-0001)*

27 11 19 00-0003	EA	12 Port, Category 5E Patch Panel	294.26	60.47
27 11 19 00-0004	EA	24 Port, Category 5E Patch Panel	442.12	60.47
27 11 19 00-0005	EA	32 Port, Category 5E Patch Panel	582.04	60.47
27 11 19 00-0006	EA	48 Port, Category 5E Patch Panel	712.41	60.47
27 11 19 00-0007	EA	64 Port, Category 5E Patch Panel	836.34	75.60
27 11 19 00-0008	EA	96 Port, Category 5E Patch Panel	1,319.82	90.71
27 11 19 00-0009	EA	12 Port, Category 6 Patch Panel	365.34	60.47
27 11 19 00-0010	EA	24 Port, Category 6 Patch Panel	451.66	60.47
27 11 19 00-0011	EA	48 Port, Category 6 Patch Panel	782.37	60.47
27 11 19 00-0012	EA	96 Port, Category 6 Patch Panel	1,453.37	90.71
27 11 19 00-0013	EA	16" x 12" x 8" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161208LP)	746.56	90.71
27 11 19 00-0014	EA	16" x 16" x 6" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161606LP)	785.14	90.71
27 11 19 00-0015	EA	12 Port, Category 6 Modular to 110 Mini Patch Panel (Ortronics-Legrand OR-PMP61289)	308.17	60.47
27 11 19 00-0016	EA	Terminate One End Of A 4 Pair Cable To Category "X" Specifications	42.85	
		For >5 To 10 Cables, Deduct	*-7.71*	
		For >10 Cables, Deduct	*-17.14*	
27 11 19 00-0017	EA	Terminate One End Of A Twisted Pair Of Wires Note: Per each pair	11.78	
		For >20 To 40 Pairs, Deduct	*-1.88*	
		For >40 Pairs, Deduct	*-4.48*	

27 11 19 00-0018 Fiber Optic Cable Patch Panels And Enclosures *(27 11 19 00-0001)*

27 11 19 00-0019 Fiber Optic Cable Connector Housings *(27 11 19 00-0018)*

27 11 19 00-0020 Wall Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0021	EA	1-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	160.60	27.21
27 11 19 00-0022	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	243.23	27.21
27 11 19 00-0023	EA	4-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	365.49	27.21
27 11 19 00-0024	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	537.91	45.36
27 11 19 00-0025	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	755.57	45.36

27 11 19 00-0026 Rack Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0027	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	560.23	45.36
27 11 19 00-0028	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	643.21	45.36
27 11 19 00-0029	EA	6-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	693.97	45.36
27 11 19 00-0030	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	816.62	45.36

27 11 19 00-0031 Rack Mount, Fiber Optic Cable Pretium® Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0032	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	702.45	45.36
		For Splice Tray Bracket, Add	*76.83*	
27 11 19 00-0033	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	825.89	45.36
		For Splice Tray Bracket, Add	*84.01*	
27 11 19 00-0034	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	1,033.93	45.36
		For Splice Tray Bracket, Add	*306.07*	

27 11 19 00-0035 Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0036	EA	8 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	896.65	45.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0037	EA	12 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,151.34	45.36
27 11 19 00-0038	EA	24 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,305.74	45.36
27 11 19 00-0039	EA	48 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,699.51	45.36
27 11 19 00-0040		**Wall Mount, Fiber Optic Cable Industrial Connector Housings** *(27 11 19 00-0019)*		
		Note: Includes powder-coat finish, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0041	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	805.21	27.21
27 11 19 00-0042	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	1,110.85	45.36
27 11 19 00-0043	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	1,166.59	45.36
27 11 19 00-0044		**Wall Mount, Fiber Optic Cable Environmental Connector Housings** *(27 11 19 00-0019)*		
		Note: Includes NEMA 4X enclosure, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0045	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	843.72	27.21
27 11 19 00-0046	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	1,110.18	45.36
27 11 19 00-0047	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	1,307.35	45.36
27 11 19 00-0048		**Fiber Optic Cable Connector Panels** *(27 11 19 00-0018)*		
27 11 19 00-0049		**SC Simplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0050	EA	6-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	109.94	6.04
27 11 19 00-0051	EA	6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	119.51	6.04
27 11 19 00-0052	EA	8-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	134.36	6.04
27 11 19 00-0053	EA	8-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	147.11	6.04
27 11 19 00-0054	EA	12-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	183.22	6.04
27 11 19 00-0055	EA	12-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	202.30	6.04
27 11 19 00-0056		**SC Duplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0057	EA	6-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	105.72	6.04
27 11 19 00-0058	EA	6-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	107.96	6.04
27 11 19 00-0059	EA	8-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	128.75	6.04
27 11 19 00-0060	EA	8-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	131.74	6.04
27 11 19 00-0061	EA	12-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	174.81	6.04
27 11 19 00-0062	EA	12-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	179.26	6.04
27 11 19 00-0063		**LC Duplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0064	EA	6-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	114.35	6.04
27 11 19 00-0065	EA	6-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	125.62	6.04
27 11 19 00-0066	EA	8-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	140.22	6.04
27 11 19 00-0067	EA	8-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	155.26	6.04
27 11 19 00-0068	EA	12-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	192.03	6.04
27 11 19 00-0069	EA	12-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	214.55	6.04
27 11 19 00-0070	EA	16-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	243.82	6.04
27 11 19 00-0071	EA	16-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	273.83	6.04
27 11 19 00-0072	EA	24-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	347.37	6.04
27 11 19 00-0073	EA	24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	357.83	6.04
27 11 19 00-0074		**ST Simplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0075	EA	6-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	91.00	6.04
27 11 19 00-0076	EA	6-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	98.24	6.04
27 11 19 00-0077	EA	8-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	109.12	6.04
27 11 19 00-0078	EA	8-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	118.77	6.04
27 11 19 00-0079	EA	12-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	145.32	6.04
27 11 19 00-0080	EA	12-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	159.81	6.04
27 11 19 00-0081		**MT-RJ, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0082	EA	12-Fiber, Multimode, MT-RJ, Fiber Optic Cable Connector Panel	113.67	6.04
27 11 19 00-0083	EA	12-Fiber, Singlemode, MT-RJ, Fiber Optic Cable Connector Panel	171.21	6.04
27 11 19 00-0084		**Fiber Optic Cable Pretium Edge® Modules** *(27 11 19 00-0048)*		
27 11 19 00-0085	EA	12-Fiber, Singlemode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module	996.71	6.04
27 11 19 00-0086	EA	12-Fiber, Multimode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module	1,000.18	6.04
27 11 19 00-0087		**Fiber Optic Cable Splice Housings** *(27 11 19 00-0018)*		
27 11 19 00-0088		**Wall Mount, Fiber Optic Cable Splice Housings** *(27 11 19 00-0087)*		
		Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0089	EA	12 Splice Tray Capacity, Wall Mount, Fiber Optic Splice Housing With Locking Door	377.47	60.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0090		**Rack Mount, Fiber Optic Cable Splice Housings** *(27 11 19 00-0087)*		
		Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0091	EA	12 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	582.07	45.36
27 11 19 00-0092	EA	22 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	591.09	45.36
27 11 19 00-0093		**Fiber Optic Cable Splice Trays** *(27 11 19 00-0087)*		
27 11 19 00-0094	EA	Fiber Optic Cable Splice Tray	108.73	15.12
27 11 19 00-0095		**Fiber Optic Cable Jumper Management Panels** *(27 11 19 00-0018)*		
		Note: Includes mounting hardware.		
27 11 19 00-0096	EA	Rack Mount, Fiber Optic Cable Jumper Management Panel	205.39	45.36
27 11 19 00-0097		**Miscellaneous Accessories** *(27 11 19 00-0001)*		
27 11 19 00-0098	EA	Wall Mount Bracket For 12 Or 24 Port Patch Panel	76.76	
27 11 19 00-0099	EA	Wall Mount Bracket For 32 Or 48 Port Patch Panel	102.98	
27 11 19 00-0100	EA	Wall Mount Bracket For 64 Or 72 Port Patch Panel	111.94	
27 11 19 00-0101	EA	Wall Mount Bracket For 96 Port Patch Panel	124.52	
27 11 19 00-0102	EA	Lightning Protection Plus Stainless Steel Modules, Siemon	510.81	60.47
27 11 19 00-0103		**Telephone Components** *(27 11 19)*		
27 11 19 00-0104		**Terminal Blocks With Wide Range Of 22-8 AWG** *(27 11 19 00-0103)*		
27 11 19 00-0105	EA	Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG	35.53	12.12
27 11 19 00-0106	EA	Terminal Block, Fuse Holder 600 Volt, 6.3 Amperes With Wire Range 22-8 AWG	67.52	12.12
27 11 19 00-0107	EA	Terminal Block, Fuse Holder 600 Volt, 10 Amperes With Wire Range 22-8 AWG	54.43	12.12
27 11 19 00-0108	EA	Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG	27.43	12.12
27 11 19 00-0109	EA	Flat Terminal Block Connection With Wire Range 22-8 AWG	19.45	8.48
27 11 19 00-0110	EA	Ground Terminal Block With Wire Range 22-8 AWG	36.91	12.12
27 11 19 00-0111	EA	Terminal Block, Solderless Box With Lug 600 Volt, 60 Amperes With Wire Range 22-8 AWG	27.43	12.12
27 11 19 00-0112	EA	Terminal Block, Mini Box Lug 300 Volt, 30 Amperes With Wire Range 22-8 AWG	19.25	8.48
27 11 19 00-0113	EA	Flat Terminal Block Connection 300 Volt, 20 Amperes With Wire Range 22-8 AWG	19.10	8.48
27 11 19 00-0114	EA	Self Lifting Terminal Block, 300 Volt, 40 Amperes, Wire Connection With Wire Range 22-12 AWG	19.74	8.48
27 11 19 00-0115		**Terminal Block Mounting Channel** *(27 11 19 00-0103)*		
27 11 19 00-0116	EA	Terminal Block Mounting Channel, .5 M Galvanized Steel	18.77	6.05
27 11 19 00-0117	EA	Terminal Block Mounting Channel, 1 M Galvanized Steel	24.18	6.05
27 11 19 00-0118	EA	Terminal Block Mounting Channel, 2 M Galvanized Steel	33.67	6.05
27 11 19 00-0119	EA	Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc	24.02	7.27
27 11 19 00-0120	EA	Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc	33.01	7.27
27 11 19 00-0121	EA	Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc	47.81	7.27
27 11 19 00-0122		**Outlet Termination Hardware** *(27 11 19 00-0103)*		
27 11 19 00-0123	EA	Telephone Outlet Blocks	36.11	6.05
27 11 19 00-0124	EA	Phone Outlet Block For Floor Box	101.56	45.96
		Note: Excludes box.		
27 11 19 00-0125	EA	Fiber Optic "SC" Type Modular Bulkhead	89.11	27.21
27 11 19 00-0126	EA	Fiber Optic "ST" Type Modular Bulkhead	89.11	27.21
27 11 19 00-0127	EA	Type "F" Coaxial Connector Male	52.18	18.14
27 11 19 00-0128	EA	Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector	134.16	30.24
27 11 19 00-0129	EA	Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector	134.16	30.24
27 11 19 00-0130	EA	Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector	161.61	30.24
27 11 19 00-0131	EA	Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector	161.61	30.24
27 11 19 00-0132	EA	Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector	147.16	30.24
27 11 19 00-0133	EA	Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5	1,273.33	151.19
27 11 19 00-0134	EA	Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V	62.83	12.10
		Note: Excludes cable terminations.		
27 11 19 00-0135	EA	5-Pair, Connecting Block	3.77	1.21
27 11 19 00-0136	EA	4-Pair, Connecting Block	4.08	1.21
27 11 19 00-0137	EA	Plastic Label Holder, Transparent	15.29	3.03
27 11 19 00-0138	EA	Marked Label, White, 5-Pair	4.15	
27 11 19 00-0139	EA	Marked Label, Blue, 4-Pair	4.15	
27 11 19 00-0140		**Terminations in Manhole or Junction Box** *(27 11 19 00-0103)*		
27 11 19 00-0141	EA	25 Pair Cable Termination In Manhole Or Junction Box	193.53	
27 11 19 00-0142	EA	50 Pair Cable Termination In Manhole Or Junction Box	387.05	
27 11 19 00-0143	EA	100 Pair Cable Termination In Manhole Or Junction Box	774.10	
27 11 19 00-0144	EA	150 Pair Cable Termination In Manhole Or Junction Box	1,161.15	
27 11 19 00-0145	EA	200 Pair Cable Termination In Manhole Or Junction Box	1,358.30	
27 11 19 00-0146	EA	300 Pair Cable Termination In Manhole Or Junction Box	2,036.85	
27 11 19 00-0147	EA	400 Pair Cable Termination In Manhole Or Junction Box	2,561.78	
27 11 19 00-0148	EA	500 Pair Cable Termination In Manhole Or Junction Box	3,202.83	
27 11 19 00-0149	EA	750 Pair Cable Termination In Manhole Or Junction Box	4,804.22	
27 11 19 00-0150	EA	1,000 Pair Cable Termination In Manhole Or Junction Box	5,826.26	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0151	EA	1,200 Pair Cable Termination In Manhole Or Junction Box	6,640.38	

27 11 23 Communications Cable Management and Ladder Rack *(27 11)*

27 11 23 00-0001 Equipment Supports *(27 11 23)*

27 11 23 00-0002	EA	12" x 5'-11" Tubular Runway	120.73	29.02
27 11 23 00-0003	EA	12" x 9'-11" Tubular Runway	208.12	48.38
27 11 23 00-0004	EA	Shelf Bracket Support For Tubular Runway	38.21	9.07
27 11 23 00-0005	EA	Straight Clamp Hardware For Tubular Runway	16.25	6.04
27 11 23 00-0006	EA	Corner Clamp Hardware For Tubular Runway	17.28	6.04
27 11 23 00-0007	EA	90 Degree Edge Clamp Hardware For Tubular Runway	39.78	10.88
27 11 23 00-0008	EA	Wall Angle Assembly Hardware For 12" Wide Tubular Runway	84.95	18.14
27 11 23 00-0009	EA	J-Bolt Hardware For Tubular Runway	7.68	2.67
27 11 23 00-0010	EA	T Bracket Hardware For Tubular Runway	43.48	15.12
27 11 23 00-0011	EA	Black Neoprene Protective Cover For Cable Tray Stringers (Cooper B-Line SB21B)	64.93	3.03
27 11 23 00-0012	EA	3" Channel Rack-To-Cable Tray Mounting Plate For 9" To 12" Wide Cable Tray (Chatsworth 10595-712)	123.76	30.29
27 11 23 00-0013	EA	19" Wide, 11.73" Deep, Double Sided, Horizontal Wire Manager (Chatsworth 30530-719)	162.30	12.12
27 11 23 00-0014	EA	7' High, 10" Wide, 16.15" Deep, Double Sided, Vertical Wire Manager (Chatsworth 30096-703)	1,481.89	18.17
27 11 23 00-0015	EA	7' High, 10" Wide, 8.08" Deep, Vertical Wire Manager (Chatsworth 30093-703)	1,043.54	18.17
27 11 23 00-0016	EA	7' High, 19" Wide, 45U Standard EIA Rack (Chatsworth 55053-703)	433.50	121.16
27 11 23 00-0017	EA	Rack Base Dust Cover For 19" Wide, 3" Deep Two Post Racks (Chatsworth 41050-719)	63.19	1.21
27 11 23 00-0018	EA	Environmental Enclosure, NEMA 4x SS, 6' Free Standing	29,088.33	953.07
27 11 23 00-0019	EA	DVR Enclosure	2,049.55	238.24
27 11 23 00-0020	EA	Wall Mount Type 4X Enclosure 24.00x30.00x8.00 Stainless Steel Type 316	7,563.30	476.50
27 11 23 00-0021	EA	Panel, NEMA 12/27.00x21.00	548.21	119.12
27 11 23 00-0022	EA	Panel, NEMA 12/8.75x6.88	149.32	119.12
27 11 23 00-0023	EA	Clamp Assembly, Fast Opening, Stainless Steel Type 304	197.64	119.12
27 11 23 00-0024	EA	Wall-Mount Type 4x Enclosure 24.00x30.00x8.00 Stainless Steel Type 316	6,729.43	119.12
27 11 23 00-0025	EA	110 Jumper Trough (Commscope 107831133)	34.78	6.04
27 11 23 00-0026	EA	2" J-Hook, Cable Or Rod Attachment (Cooper B-Line BCH32-W6)	13.85	3.03
27 11 23 00-0027	EA	4" J-Hook, Screw Attachment (Cooper B-Line BCH64)	17.66	3.03
27 11 23 00-0028	EA	Stringer Multi-Function Clip (Cooper B-Line BW6S)	7.71	3.03
27 11 23 00-0029	LF	Velcro CMP	2.94	1.21

27 13 Communications Backbone Cabling *(27 10)*

27 13 13 Communications Copper Backbone Cabling *(27 13)*

27 13 13 13 Communications Copper Cable Splicing and Terminations *(27 13 13)*

27 13 13 13-0001 Building Entrance Terminals *(27 13 13 13)*

27 13 13 13-0002	EA	25 Pair Gas Protective Unit Assembly Complete With Gas Protector	1,753.45	265.21
27 13 13 13-0003	EA	50 Pair Gas Protective Unit Assembly Complete With Gas Protector	2,425.44	442.01
27 13 13 13-0004	EA	100 Pair Gas Protective Unit Assembly Complete With Gas Protector	3,519.11	707.78

27 13 13 13-0005 Modular Plugs For Copper Communications Cable *(27 13 13 13)*

27 13 13 13-0006	EA	Modular Plug For Non-Shielded Copper Communications Cable Note: Up to 8-position/8-contact non-shielded modular plug for solid or stranded wire. Includes termination.	29.53	
		For >5 To 10, Deduct	*-3.62*	
		For >10, Deduct	*-7.24*	
27 13 13 13-0007	EA	Modular Plug For Shielded Copper Communications Cable Note: Up to 8-position/8-contact shielded modular plug for solid or stranded wire. Includes termination.	33.68	
		For >5 To 10, Deduct	*-4.07*	
		For >10, Deduct	*-8.15*	

27 13 13 13-0008 Testing And Certification Of Copper Communications Cable *(27 13 13 13)*

Note: Use for existing systems.

27 13 13 13-0009	EA	Test 1-Pair Of A Copper Communications Cable For Continuity	6.04	
		For >25-Pair, Deduct	*-2.41*	
27 13 13 13-0010	EA	Certify 1-Pair Of A Copper Communications Cable	9.07	
		For >25-Pair, Deduct	*-3.62*	
27 13 13 13-0011	EA	Certify And Document 1-Pair Of A Copper Communications Cable	14.51	
		For >25-Pair, Deduct	*-5.79*	
27 13 13 13-0012	EA	Test 4-Pair Category 5-7 Telecommunications Cable For Continuity	24.19	
		For >25-Pair, Deduct	*-9.66*	
27 13 13 13-0013	EA	Certify 4-Pair Category 5-7 Telecommunications Cable	36.29	
		For >25-Pair, Deduct	*-14.48*	
27 13 13 13-0014	EA	Certify And Document 4-Pair Category 5-7 Telecommunications Cable	58.06	
		For >25-Pair, Deduct	*-23.17*	

27 13 13 13-0015 Communications Termination Blocks *(27 13 13 13)*

27 13 13 13-0016	EA	100-Pair, 110 Block With Legs	60.03	15.12
27 13 13 13-0017	EA	300-Pair, 110 Block With Legs	103.36	15.12
27 13 13 13-0018	EA	Clear Label Holder For 110 Wiring Block	12.94	6.04
27 13 13 13-0019	EA	4-Pair, 110C Connecting Block	7.35	3.03
27 13 13 13-0020	EA	5-Pair, 110C Connecting Block	7.51	3.03

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	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 13 13 13-0021		EA	100-Pair, 110 Jack Panel System Note: Includes twelve 8-pin modular jacks and mounting legs.	334.83	18.14
27 13 13 13-0022		EA	300-Pair, 110 Jack Panel System Note: Includes twelve 8-pin modular jacks and mounting legs.	611.85	18.14

27 13 23 Communications Optical Fiber Backbone Cabling *(27 13)*

27 13 23 13 Communications Optical Fiber Splicing and Terminations *(27 13 23)*

27 13 23 13-0001 Fiber Optic Cable Connectors *(27 13 23 13)*

27 13 23 13-0002		EA	ST Connector For Multimode Fiber Optic Cable	35.22	
27 13 23 13-0003		EA	ST Connector For Singlemode Fiber Optic Cable	40.71	
27 13 23 13-0004		EA	SC Connector For Multimode Fiber Optic Cable	39.29	
27 13 23 13-0005		EA	SC Connector For Singlemode Fiber Optic Cable	46.29	
27 13 23 13-0006		EA	LC Connector For Multimode Fiber Optic Cable	53.76	
27 13 23 13-0007		EA	LC Connector For Singlemode Fiber Optic Cable	55.39	
27 13 23 13-0008		EA	MT-RJ Connector For Multimode Fiber Optic Cable	80.66	

27 13 23 13-0009 Fiber Optic Cable Fan Out Kits *(27 13 23 13)*

27 13 23 13-0010 Buffer Tube Fan Out Kits For Fiber Optic Cable *(27 13 23 13-0009)*

27 13 23 13-0011		EA	6-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	260.73	
27 13 23 13-0012		EA	12-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	264.32	
27 13 23 13-0013		EA	6-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable	294.68	
27 13 23 13-0014		EA	12-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable	317.44	

27 13 23 13-0015 Spider Fan Out Kits For Fiber Optic Cable *(27 13 23 13-0009)*

Note: For tight buffered or loose tube non-armored cables. Includes aramid yarn strength member, outer protective PVDF jacket and one meter fan out lengths.

27 13 23 13-0016		EA	6-Fiber, Spider Fan Out Kit For Fiber Optic Cable	305.00	
27 13 23 13-0017		EA	12-Fiber, Spider Fan Out Kit For Fiber Optic Cable	329.13	
27 13 23 13-0018		EA	18-Fiber, Spider Fan Out Kit For Fiber Optic Cable	481.62	
27 13 23 13-0019		EA	24-Fiber, Spider Fan Out Kit For Fiber Optic Cable	626.69	

27 13 23 13-0020 Fiber Optic Cable Splice Closures *(27 13 23 13)*

Note: Includes mounting hardware. Excludes splicing and splice trays.

27 13 23 13-0021		EA	Up To 144-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	948.33	120.96
27 13 23 13-0022		EA	Up To 144-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	1,190.23	241.91
27 13 23 13-0023		EA	Up To 144-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	1,190.23	241.91
27 13 23 13-0024		EA	Up To 288-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	1,587.53	120.96
27 13 23 13-0025		EA	Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	1,829.43	241.91
27 13 23 13-0026		EA	Up To 288-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	1,829.43	241.91
27 13 23 13-0027		EA	Splice Tray For Fiber Optic Cable Splice Closure Note: Up to 12-fiber, mechanical or fusion splice tray. Excludes splice.	65.85	15.12

27 13 23 13-0028 Fiber Optic Cable Testing *(27 13 23 13)*

Note: Price based on testing one wavelength.

27 13 23 13-0029 Fiber Optic Cable Testing Using An OTDR *(27 13 23 13-0028)*

Note: Testing using an optical time domain reflectometer.

27 13 23 13-0030	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test	24.19	
		For >12 To 48 Strands, Deduct	*-1.81*	
		For >48 Strands, Deduct	*-2.42*	
27 13 23 13-0031	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test	36.29	
		For >12 To 48 Strands, Deduct	*-2.72*	
		For >48 Strands, Deduct	*-3.63*	
27 13 23 13-0032	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test With Documentation	60.47	
		For >12 To 48 Strands, Deduct	*-4.54*	
		For >48 Strands, Deduct	*-6.05*	
27 13 23 13-0033	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation	90.71	
		For >12 To 48 Strands, Deduct	*-6.80*	
		For >48 Strands, Deduct	*-9.07*	

27 13 23 13-0034 Fiber Optic Cable Testing Using A Power Meter *(27 13 23 13-0028)*

27 13 23 13-0035	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional Power Meter Test	24.19	
		For >12 To 48 Strands, Deduct	*-1.81*	
		For >48 Strands, Deduct	*-2.42*	
27 13 23 13-0036	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional Power Meter Test	36.29	
		For >12 To 48 Strands, Deduct	*-2.72*	
		For >48 Strands, Deduct	*-3.63*	

27 13 23 13-0037 Fiber Optic Cable Light Source/Continuity Testing *(27 13 23 13-0028)*

27 13 23 13-0038	EA	Test 1-Strand Of Fiber Optic Cable Using A Light Source/Continuity Test	24.19	
		For >12 To 48 Strands, Deduct	*-1.81*	
		For >48 Strands, Deduct	*-2.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 13 23 13-0039		Fiber Optic Cable Splicing *(27 13 23 13)*		
27 13 23 13-0040	EA	Single Strand, Fusion Splice Of Fiber Optic Cable	36.29	
27 13 23 13-0041	EA	12-Strand Ribbon, Fusion Splice Of Fiber Optic Cable	120.96	
27 13 23 13-0042		Other Fiber Optic Cable Splicing *(27 13 23 13)*		
27 13 23 13-0043	EA	Fiber Optic Finger Splice	40.54	22.74
27 13 23 13-0044	EA	Fiber Optic Splice Box - Manholes	5,846.38	

27 15 Communications Horizontal Cabling *(27 10)*

27 15 01 Communications Horizontal Cabling Applications *(27 15)*

27 15 01 13 Video Surveillance Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

27 15 01 15 Access Control Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

27 15 01 16 Voice Communications Horizontal Cabling *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

27 15 01 17 Intrusion Detection Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables, 27 15 01 19-0000 for Type FPLP Cable.

27 15 01 19 Fire Alarm Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 01 19-0001		Fire Alarm/Life Safety Cable *(27 15 01 19)*		
27 15 01 19-0002		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0003		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0002)*		
27 15 01 19-0004	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,945.96	822.96
27 15 01 19-0005	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,376.38	852.72
27 15 01 19-0006	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,218.69	935.45
27 15 01 19-0007	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,903.66	968.84
27 15 01 19-0008	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,546.72	1,047.21
27 15 01 19-0009	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,521.48	1,084.95
27 15 01 19-0010	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,250.28	1,197.43
27 15 01 19-0011	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	4,763.43	1,240.14
27 15 01 19-0012		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0002)*		
27 15 01 19-0013	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,317.57	1,646.18
27 15 01 19-0014	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,797.58	1,705.44
27 15 01 19-0015	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,777.78	1,871.14
27 15 01 19-0016	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,518.37	1,937.67
27 15 01 19-0017	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,292.06	2,094.91
27 15 01 19-0018	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,329.73	2,169.90
27 15 01 19-0019	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,246.00	2,394.87
27 15 01 19-0020	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	6,830.52	2,480.75

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0021			Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0001)*		
27 15 01 19-0022		MLF	2 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,247.38	673.47
27 15 01 19-0023		MLF	4 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,346.31	697.41
27 15 01 19-0024		MLF	2 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,517.81	822.96
27 15 01 19-0025		MLF	3 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,615.46	837.85
27 15 01 19-0026		MLF	4 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,675.15	852.72
27 15 01 19-0027		MLF	6 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,866.30	882.47
27 15 01 19-0028		MLF	8 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,139.49	912.23
27 15 01 19-0029		MLF	2 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,768.72	935.45
27 15 01 19-0030		MLF	4 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,982.15	968.84
27 15 01 19-0031		MLF	2 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,045.80	1,047.21
27 15 01 19-0032		MLF	4 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,377.97	1,084.95
27 15 01 19-0033		MLF	2 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,489.95	1,197.43
27 15 01 19-0034		MLF	4 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,024.13	1,240.14
27 15 01 19-0035			Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0036			Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0035)*		
27 15 01 19-0037		MLF	2 Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,237.55	673.47
27 15 01 19-0038		MLF	2 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,511.42	822.96
27 15 01 19-0039		MLF	3 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,677.20	837.85
27 15 01 19-0040		MLF	4 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,692.24	852.72
27 15 01 19-0041		MLF	6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,955.52	882.47
27 15 01 19-0042		MLF	2 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,759.07	935.45
27 15 01 19-0043		MLF	4 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,003.81	968.84
27 15 01 19-0044		MLF	2 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,002.36	1,047.21
27 15 01 19-0045		MLF	4 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,550.64	1,084.95
27 15 01 19-0046		MLF	2 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,475.75	1,197.43
27 15 01 19-0047		MLF	4 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,286.25	1,240.14
27 15 01 19-0048			Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0035)*		
27 15 01 19-0049		MLF	2 Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,359.99	1,347.41
27 15 01 19-0050		MLF	2 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,883.03	1,646.18
27 15 01 19-0051		MLF	3 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,073.01	1,675.20
27 15 01 19-0052		MLF	4 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,113.44	1,705.44
27 15 01 19-0053		MLF	6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,426.31	1,764.71
27 15 01 19-0054		MLF	2 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,318.16	1,871.14
27 15 01 19-0055		MLF	4 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,618.52	1,937.67
27 15 01 19-0056		MLF	2 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,747.70	2,094.91
27 15 01 19-0057		MLF	4 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,358.89	2,169.90
27 15 01 19-0058		MLF	2 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,471.47	2,394.87

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0059	MLF	4 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,353.34	2,480.75
27 15 01 19-0060		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0061		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0060)*		
27 15 01 19-0062	MLF	2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,278.02	673.47
27 15 01 19-0063	MLF	2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,540.32	822.96
27 15 01 19-0064	MLF	3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,784.49	837.85
27 15 01 19-0065	MLF	4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,721.82	852.72
27 15 01 19-0066	MLF	6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,985.77	882.47
27 15 01 19-0067	MLF	2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,825.50	935.45
27 15 01 19-0068	MLF	4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,034.53	968.84
27 15 01 19-0069	MLF	2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,145.63	1,047.21
27 15 01 19-0070	MLF	4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,478.80	1,084.95
27 15 01 19-0071	MLF	2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,581.77	1,197.43
27 15 01 19-0072	MLF	4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,068.14	1,240.14
27 15 01 19-0073		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0060)*		
27 15 01 19-0074	MLF	2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,400.46	1,347.41
27 15 01 19-0075	MLF	2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,911.93	1,646.18
27 15 01 19-0076	MLF	3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,180.30	1,675.20
27 15 01 19-0077	MLF	4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,143.02	1,705.44
27 15 01 19-0078	MLF	6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,456.56	1,764.71
27 15 01 19-0079	MLF	2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,384.59	1,871.14
27 15 01 19-0080	MLF	4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,649.24	1,937.67
27 15 01 19-0081	MLF	2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,890.97	2,094.91
27 15 01 19-0082	MLF	4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,287.05	2,169.90
27 15 01 19-0083	MLF	2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,577.49	2,394.87
27 15 01 19-0084	MLF	4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,135.23	2,480.75
27 15 01 19-0085		Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0086		Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0085)*		
27 15 01 19-0087	MLF	2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,252.80	673.47
27 15 01 19-0088	MLF	2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,577.75	822.96
27 15 01 19-0089	MLF	3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,704.56	837.85
27 15 01 19-0090	MLF	4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,811.14	852.72
27 15 01 19-0091	MLF	6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,044.53	882.47
27 15 01 19-0092	MLF	2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,820.50	935.45
27 15 01 19-0093	MLF	4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,139.77	968.84
27 15 01 19-0094	MLF	2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,133.29	1,047.21
27 15 01 19-0095	MLF	4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,707.67	1,084.95

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0096	MLF	2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,567.46	1,197.43
27 15 01 19-0097		**Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed** *(27 15 01 19-0085)*		
27 15 01 19-0098	MLF	2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,375.24	1,347.41
27 15 01 19-0099	MLF	2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,949.36	1,646.18
27 15 01 19-0100	MLF	3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,100.37	1,675.20
27 15 01 19-0101	MLF	4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,232.34	1,705.44
27 15 01 19-0102	MLF	6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,515.32	1,764.71
27 15 01 19-0103	MLF	2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,379.59	1,871.14
27 15 01 19-0104	MLF	4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,754.48	1,937.67
27 15 01 19-0105	MLF	2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,878.63	2,094.91
27 15 01 19-0106	MLF	4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,515.92	2,169.90
27 15 01 19-0107	MLF	2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,563.18	2,394.87

27 15 13 Communications Copper Horizontal Cabling *(27 15)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 13 00-0001		**Solid Conductor Low Voltage Cable** *(27 15 13)*		
27 15 13 00-0002		**Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0001)*		
27 15 13 00-0003		**#12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0002)*		
27 15 13 00-0004	MLF	1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,307.98	1,093.99
		For #10 AWG, Add	*524.58*	
		For Work In Restricted Working Space, Add	*547.04*	
27 15 13 00-0005	MLF	2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,782.41	1,132.67
		For #10 AWG, Add	*672.71*	
		For Work In Restricted Working Space, Add	*566.50*	
27 15 13 00-0006	MLF	3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,199.15	1,172.45
		For #10 AWG, Add	*801.76*	
		For Work In Restricted Working Space, Add	*586.06*	
27 15 13 00-0007	MLF	4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,640.29	1,212.23
		For #10 AWG, Add	*938.57*	
		For Work In Restricted Working Space, Add	*606.30*	
27 15 13 00-0008	MLF	5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,128.15	1,294.00
		For #10 AWG, Add	*1,081.84*	
		For Work In Restricted Working Space, Add	*647.19*	
27 15 13 00-0009	MLF	6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,574.30	1,374.67
		For #10 AWG, Add	*1,211.60*	
		For Work In Restricted Working Space, Add	*687.52*	
27 15 13 00-0010	MLF	8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,966.90	1,538.21
		For #10 AWG, Add	*1,305.86*	
		For Work In Restricted Working Space, Add	*768.96*	
27 15 13 00-0011	MLF	12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,583.85	2,027.75
		For #10 AWG, Add	*1,733.41*	
		For Work In Restricted Working Space, Add	*1,013.68*	
27 15 13 00-0012	MLF	24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,797.19	2,994.66
		For #10 AWG, Add	*2,584.40*	
		For Work In Restricted Working Space, Add	*1,496.95*	
27 15 13 00-0013		**#14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0002)*		
27 15 13 00-0014	MLF	1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,057.51	956.97
		For Work In Restricted Working Space, Add	*478.37*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0015	MLF	2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,506.29	991.22
		For Work In Restricted Working Space, Add	*495.61*	
27 15 13 00-0016	MLF	3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,899.66	1,025.48
		For Work In Restricted Working Space, Add	*512.85*	
27 15 13 00-0017	MLF	4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,315.26	1,060.84
		For Work In Restricted Working Space, Add	*530.42*	
27 15 13 00-0018	MLF	5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,770.49	1,132.67
		For Work In Restricted Working Space, Add	*566.22*	
27 15 13 00-0019	MLF	6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,185.47	1,203.39
		For Work In Restricted Working Space, Add	*601.36*	
27 15 13 00-0020	MLF	8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,539.87	1,345.95
		For Work In Restricted Working Space, Add	*672.97*	
27 15 13 00-0021	MLF	12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,018.17	1,773.59
		For Work In Restricted Working Space, Add	*886.79*	
27 15 13 00-0022	MLF	24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,960.41	2,620.06
		For Work In Restricted Working Space, Add	*1,310.14*	
27 15 13 00-0023		#16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*		
27 15 13 00-0024	MLF	1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,832.04	854.19
		For Work In Restricted Working Space, Add	*427.32*	
27 15 13 00-0025	MLF	2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,129.37	885.14
		For Work In Restricted Working Space, Add	*442.57*	
27 15 13 00-0026	MLF	3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,574.11	916.08
		For Work In Restricted Working Space, Add	*457.82*	
27 15 13 00-0027	MLF	4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,941.57	947.02
		For Work In Restricted Working Space, Add	*473.73*	
27 15 13 00-0028	MLF	5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,343.43	1,011.11
		For Work In Restricted Working Space, Add	*505.56*	
27 15 13 00-0029	MLF	6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,710.70	1,074.10
		For Work In Restricted Working Space, Add	*537.05*	
27 15 13 00-0030	MLF	7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,867.73	1,138.20
		For Work In Restricted Working Space, Add	*568.88*	
27 15 13 00-0031	MLF	8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,025.86	1,202.29
		For Work In Restricted Working Space, Add	*601.03*	
27 15 13 00-0032	MLF	9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,490.02	1,278.53
		For Work In Restricted Working Space, Add	*639.16*	
27 15 13 00-0033	MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,335.96	1,583.53
		For Work In Restricted Working Space, Add	*791.82*	
27 15 13 00-0034	MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,943.99	2,339.37
		For Work In Restricted Working Space, Add	*1,169.74*	
27 15 13 00-0035		#18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*		
27 15 13 00-0036	MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,540.96	752.54
		For Work In Restricted Working Space, Add	*375.94*	
27 15 13 00-0037	MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,829.58	779.05
		For Work In Restricted Working Space, Add	*389.53*	
27 15 13 00-0038	MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,083.75	805.58
		For Work In Restricted Working Space, Add	*403.12*	
27 15 13 00-0039	MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,351.06	833.20
		For Work In Restricted Working Space, Add	*416.71*	
27 15 13 00-0040	MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,653.83	889.55
		For Work In Restricted Working Space, Add	*444.89*	
27 15 13 00-0041	MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,931.86	944.81
		For Work In Restricted Working Space, Add	*472.74*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	27 15 13 00-0042	MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,190.57	1,057.52
			For Work In Restricted Working Space, Add	*528.77*	
	27 15 13 00-0043	MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,226.81	1,393.46
			For Work In Restricted Working Space, Add	*696.84*	
	27 15 13 00-0044	MLF	24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,287.18	2,058.69
			For Work In Restricted Working Space, Add	*1,029.34*	
	27 15 13 00-0045		#20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*		
	27 15 13 00-0046	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,360.50	684.02
			For Work In Restricted Working Space, Add	*341.79*	
	27 15 13 00-0047	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,589.58	708.33
			For Work In Restricted Working Space, Add	*354.05*	
	27 15 13 00-0048	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,789.76	733.20
			For Work In Restricted Working Space, Add	*366.32*	
	27 15 13 00-0049	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,000.32	758.06
			For Work In Restricted Working Space, Add	*378.92*	
	27 15 13 00-0050	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,247.39	808.89
			For Work In Restricted Working Space, Add	*404.28*	
	27 15 13 00-0051	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,474.24	859.72
			For Work In Restricted Working Space, Add	*429.64*	
	27 15 13 00-0052	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,715.68	961.39
			For Work In Restricted Working Space, Add	*480.69*	
	27 15 13 00-0053	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,574.94	1,267.49
			For Work In Restricted Working Space, Add	*633.52*	
	27 15 13 00-0054	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,314.34	1,871.94
			For Work In Restricted Working Space, Add	*935.86*	
	27 15 13 00-0055	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,636.07	1,916.15
			For Work In Restricted Working Space, Add	*958.07*	
	27 15 13 00-0056	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,711.39	2,231.08
			For Work In Restricted Working Space, Add	*1,115.54*	
	27 15 13 00-0057	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,200.32	2,388.00
			For Work In Restricted Working Space, Add	*1,194.11*	
	27 15 13 00-0058	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,620.32	2,984.72
			For Work In Restricted Working Space, Add	*1,492.13*	
	27 15 13 00-0059	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	11,708.65	3,929.53
			For Work In Restricted Working Space, Add	*1,964.53*	
	27 15 13 00-0060		#22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*		
	27 15 13 00-0061	MLF	1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,141.20	615.51
			For Work In Restricted Working Space, Add	*307.64*	
	27 15 13 00-0062	MLF	2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,220.29	637.61
			For Work In Restricted Working Space, Add	*318.58*	
	27 15 13 00-0063	MLF	3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,316.75	659.71
			For Work In Restricted Working Space, Add	*329.86*	
	27 15 13 00-0064	MLF	4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,421.29	681.82
			For Work In Restricted Working Space, Add	*341.12*	
	27 15 13 00-0065	MLF	5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,577.94	728.22
			For Work In Restricted Working Space, Add	*364.00*	
	27 15 13 00-0066	MLF	6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,736.04	771.32
			For Work In Restricted Working Space, Add	*385.88*	
	27 15 13 00-0067		Triad *(27 15 13 00-0002)*		
	27 15 13 00-0068	MLF	1 Triad #16 AWG, Stranded, Low Voltage, Installed In Conduit	2,829.14	916.08
	27 15 13 00-0069	MLF	4 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	3,678.72	1,267.49
	27 15 13 00-0070	MLF	8 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	5,758.68	1,871.94
	27 15 13 00-0071	MLF	12 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	7,182.35	2,231.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0072	MLF	24 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	11,781.14	3,456.57
27 15 13 00-0073	MLF	36 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	13,558.68	3,929.53
27 15 13 00-0074		Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0001)*		
27 15 13 00-0075		#12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*		
27 15 13 00-0076	MLF	1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,131.45	2,187.98
		For #10 AWG, Add	*889.28*	
		For Work In Restricted Working Space, Add	*1,094.09*	
27 15 13 00-0077	MLF	2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,670.75	2,265.34
		For #10 AWG, Add	*1,050.38*	
		For Work In Restricted Working Space, Add	*1,133.00*	
27 15 13 00-0078	MLF	3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,152.68	2,344.90
		For #10 AWG, Add	*1,192.47*	
		For Work In Restricted Working Space, Add	*1,172.12*	
27 15 13 00-0079	MLF	4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,661.30	2,424.46
		For #10 AWG, Add	*1,342.77*	
		For Work In Restricted Working Space, Add	*1,212.60*	
27 15 13 00-0080	MLF	5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,285.45	2,588.01
		For #10 AWG, Add	*1,513.30*	
		For Work In Restricted Working Space, Add	*1,294.38*	
27 15 13 00-0081	MLF	6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,866.02	2,749.35
		For #10 AWG, Add	*1,669.94*	
		For Work In Restricted Working Space, Add	*1,375.03*	
27 15 13 00-0082	MLF	8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,530.12	3,076.44
		For #10 AWG, Add	*1,818.50*	
		For Work In Restricted Working Space, Add	*1,537.93*	
27 15 13 00-0083	MLF	12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,962.78	4,055.50
		For #10 AWG, Add	*2,409.20*	
		For Work In Restricted Working Space, Add	*2,027.36*	
27 15 13 00-0084	MLF	24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	14,787.01	5,989.32
		For #10 AWG, Add	*3,582.36*	
		For Work In Restricted Working Space, Add	*2,993.89*	
27 15 13 00-0085		#14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*		
27 15 13 00-0086	MLF	1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,652.08	1,913.93
		For Work In Restricted Working Space, Add	*956.75*	
27 15 13 00-0087	MLF	2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,158.34	1,982.45
		For Work In Restricted Working Space, Add	*991.22*	
27 15 13 00-0088	MLF	3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,609.16	2,050.96
		For Work In Restricted Working Space, Add	*1,025.70*	
27 15 13 00-0089	MLF	4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,083.32	2,121.68
		For Work In Restricted Working Space, Add	*1,060.84*	
27 15 13 00-0090	MLF	5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,657.91	2,265.34
		For Work In Restricted Working Space, Add	*1,132.45*	
27 15 13 00-0091	MLF	6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,190.02	2,406.78
		For Work In Restricted Working Space, Add	*1,202.73*	
27 15 13 00-0092	MLF	8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,783.11	2,691.88
		For Work In Restricted Working Space, Add	*1,345.94*	
27 15 13 00-0093	MLF	12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,974.15	3,547.19
		For Work In Restricted Working Space, Add	*1,773.59*	
27 15 13 00-0094	MLF	24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	13,327.54	5,240.11
		For Work In Restricted Working Space, Add	*2,620.28*	
27 15 13 00-0095		#16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*		
27 15 13 00-0096	MLF	1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,256.45	1,708.40
		For Work In Restricted Working Space, Add	*854.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0097	MLF	2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,604.60	1,770.28
		For Work In Restricted Working Space, Add	*885.14*	
27 15 13 00-0098	MLF	3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,100.18	1,832.16
		For Work In Restricted Working Space, Add	*915.64*	
27 15 13 00-0099	MLF	4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,520.67	1,894.04
		For Work In Restricted Working Space, Add	*947.46*	
27 15 13 00-0100	MLF	5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,028.62	2,022.23
		For Work In Restricted Working Space, Add	*1,011.11*	
27 15 13 00-0101	MLF	6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,500.86	2,148.20
		For Work In Restricted Working Space, Add	*1,074.10*	
27 15 13 00-0102	MLF	7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,763.98	2,276.38
		For Work In Restricted Working Space, Add	*1,137.75*	
27 15 13 00-0103	MLF	8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,029.30	2,404.57
		For Work In Restricted Working Space, Add	*1,202.06*	
27 15 13 00-0104	MLF	9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,620.54	2,557.07
		For Work In Restricted Working Space, Add	*1,278.31*	
27 15 13 00-0105	MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,975.35	3,167.05
		For Work In Restricted Working Space, Add	*1,583.63*	
27 15 13 00-0106	MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	11,843.13	4,678.75
		For Work In Restricted Working Space, Add	*2,339.48*	
27 15 13 00-0107		#18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*		
27 15 13 00-0108	MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,794.08	1,505.07
		For Work In Restricted Working Space, Add	*751.87*	
27 15 13 00-0109	MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,128.01	1,558.11
		For Work In Restricted Working Space, Add	*779.06*	
27 15 13 00-0110	MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,427.48	1,611.15
		For Work In Restricted Working Space, Add	*806.24*	
27 15 13 00-0111	MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,740.10	1,666.40
		For Work In Restricted Working Space, Add	*833.42*	
27 15 13 00-0112	MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,136.80	1,779.12
		For Work In Restricted Working Space, Add	*889.78*	
27 15 13 00-0113	MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,507.65	1,889.62
		For Work In Restricted Working Space, Add	*945.47*	
27 15 13 00-0114	MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,953.10	2,115.05
		For Work In Restricted Working Space, Add	*1,057.52*	
27 15 13 00-0115	MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,549.61	2,786.91
		For Work In Restricted Working Space, Add	*1,393.68*	
27 15 13 00-0116	MLF	24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,718.32	4,117.39
		For Work In Restricted Working Space, Add	*2,058.68*	
27 15 13 00-0117		#20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*		
27 15 13 00-0118	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,499.80	1,368.04
		For Work In Restricted Working Space, Add	*683.58*	
27 15 13 00-0119	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,769.77	1,416.67
		For Work In Restricted Working Space, Add	*708.11*	
27 15 13 00-0120	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,010.84	1,466.39
		For Work In Restricted Working Space, Add	*732.65*	
27 15 13 00-0121	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,263.39	1,516.12
		For Work In Restricted Working Space, Add	*757.84*	
27 15 13 00-0122	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,594.99	1,617.78
		For Work In Restricted Working Space, Add	*808.56*	
27 15 13 00-0123	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,906.38	1,719.45
		For Work In Restricted Working Space, Add	*859.28*	

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27 15 13 00-0124	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,318.00	1,922.77
		For Work In Restricted Working Space, Add	*961.39*	
27 15 13 00-0125	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,686.68	2,534.96
		For Work In Restricted Working Space, Add	*1,267.04*	
27 15 13 00-0126	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,433.86	3,743.88
		For Work In Restricted Working Space, Add	*1,871.72*	
27 15 13 00-0127	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,829.61	3,832.28
		For Work In Restricted Working Space, Add	*1,916.13*	
27 15 13 00-0128	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,429.88	4,462.16
		For Work In Restricted Working Space, Add	*2,231.09*	
27 15 13 00-0129	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	11,180.67	4,775.99
		For Work In Restricted Working Space, Add	*2,388.21*	
27 15 13 00-0130	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	13,594.10	5,969.43
		For Work In Restricted Working Space, Add	*2,984.27*	
27 15 13 00-0131	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	18,257.08	7,859.06
		For Work In Restricted Working Space, Add	*3,929.06*	
27 15 13 00-0132		#22 AWG, Shielded, Low Voltage Cable, Installed Exposed *(27 15 13 00-0074)*		
27 15 13 00-0133	MLF	1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,166.68	1,231.01
		For Work In Restricted Working Space, Add	*615.29*	
27 15 13 00-0134	MLF	2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,282.25	1,275.22
		For Work In Restricted Working Space, Add	*637.17*	
27 15 13 00-0135	MLF	3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,416.27	1,319.42
		For Work In Restricted Working Space, Add	*659.71*	
27 15 13 00-0136	MLF	4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,558.39	1,363.62
		For Work In Restricted Working Space, Add	*682.25*	
27 15 13 00-0137	MLF	5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,791.28	1,456.45
		For Work In Restricted Working Space, Add	*728.00*	
27 15 13 00-0138	MLF	6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,022.31	1,542.64
		For Work In Restricted Working Space, Add	*771.76*	
27 15 13 00-0139		Triad, Installed Exposed *(27 15 13 00-0074)*		
27 15 13 00-0140	MLF	1 Triad, #16 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	2,829.14	916.08
27 15 13 00-0141	MLF	4 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	3,678.72	1,267.49
27 15 13 00-0142	MLF	8 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	5,758.68	1,871.94
27 15 13 00-0143	MLF	12 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	7,182.35	2,231.08
27 15 13 00-0144	MLF	24 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	11,781.14	3,456.57
27 15 13 00-0145	MLF	36 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	13,558.68	3,929.53
27 15 13 00-0146		Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*		
27 15 13 00-0147		#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*		
27 15 13 00-0148	MLF	1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,827.21	956.97
		For Work In Restricted Working Space, Add	*478.37*	
27 15 13 00-0149	MLF	2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,081.32	991.22
		For Work In Restricted Working Space, Add	*495.61*	
27 15 13 00-0150	MLF	3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,307.59	1,025.48
		For Work In Restricted Working Space, Add	*512.85*	
27 15 13 00-0151	MLF	4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,545.58	1,060.84
		For Work In Restricted Working Space, Add	*530.42*	
27 15 13 00-0152	MLF	5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,831.50	1,131.56
		For Work In Restricted Working Space, Add	*565.56*	
27 15 13 00-0153	MLF	6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,099.42	1,202.29
		For Work In Restricted Working Space, Add	*601.03*	
27 15 13 00-0154	MLF	8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,397.35	1,345.95
		For Work In Restricted Working Space, Add	*672.97*	

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27 15 13 00-0155	MLF	12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,494.81	1,773.59
		For Work In Restricted Working Space, Add	*886.79*	
27 15 13 00-0156	MLF	24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,675.37	2,620.06
		For Work In Restricted Working Space, Add	*1,310.14*	
27 15 13 00-0157		#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*		
27 15 13 00-0158	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,629.24	854.19
		For Work In Restricted Working Space, Add	*427.32*	
27 15 13 00-0159	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,853.26	885.14
		For Work In Restricted Working Space, Add	*442.57*	
27 15 13 00-0160	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,052.73	916.08
		For Work In Restricted Working Space, Add	*457.62*	
27 15 13 00-0161	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,263.78	947.02
		For Work In Restricted Working Space, Add	*473.73*	
27 15 13 00-0162	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,517.40	1,010.01
		For Work In Restricted Working Space, Add	*505.23*	
27 15 13 00-0163	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,755.28	1,074.10
		For Work In Restricted Working Space, Add	*537.05*	
27 15 13 00-0164	MLF	7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,886.97	1,138.20
		For Work In Restricted Working Space, Add	*568.88*	
27 15 13 00-0165	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,085.46	1,202.29
		For Work In Restricted Working Space, Add	*601.03*	
27 15 13 00-0166	MLF	9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,392.76	1,278.53
		For Work In Restricted Working Space, Add	*639.12*	
27 15 13 00-0167	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,994.50	1,583.53
		For Work In Restricted Working Space, Add	*791.82*	
27 15 13 00-0168	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,932.32	2,339.37
		For Work In Restricted Working Space, Add	*1,169.90*	
27 15 13 00-0169		#18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*		
27 15 13 00-0170	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,424.09	751.43
		For Work In Restricted Working Space, Add	*375.94*	
27 15 13 00-0171	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,604.99	779.05
		For Work In Restricted Working Space, Add	*389.53*	
27 15 13 00-0172	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,721.05	806.68
		For Work In Restricted Working Space, Add	*403.12*	
27 15 13 00-0173	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,872.48	833.20
		For Work In Restricted Working Space, Add	*416.71*	
27 15 13 00-0174	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,060.73	889.55
		For Work In Restricted Working Space, Add	*444.89*	
27 15 13 00-0175	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,247.89	945.92
		For Work In Restricted Working Space, Add	*472.74*	
27 15 13 00-0176	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,682.27	1,057.52
		For Work In Restricted Working Space, Add	*528.77*	
27 15 13 00-0177	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,489.42	1,393.46
		For Work In Restricted Working Space, Add	*696.84*	
27 15 13 00-0178	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,705.36	2,058.69
		For Work In Restricted Working Space, Add	*1,029.34*	
27 15 13 00-0179		#20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*		
27 15 13 00-0180	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,259.99	684.02
		For Work In Restricted Working Space, Add	*341.79*	
27 15 13 00-0181	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,385.91	708.33
		For Work In Restricted Working Space, Add	*354.05*	

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27 15 13 00-0182	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,629.51	806.68
		For Work In Restricted Working Space, Add	*403.12*	
27 15 13 00-0183	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,783.84	848.01
		For Work In Restricted Working Space, Add	*424.01*	
27 15 13 00-0184	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,935.13	889.55
		For Work In Restricted Working Space, Add	*444.89*	
27 15 13 00-0185	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,099.48	945.92
		For Work In Restricted Working Space, Add	*472.74*	
27 15 13 00-0186	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,314.31	1,052.66
		For Work In Restricted Working Space, Add	*526.44*	
27 15 13 00-0187	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,847.03	1,267.49
		For Work In Restricted Working Space, Add	*633.52*	
27 15 13 00-0188	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,222.48	1,871.94
		For Work In Restricted Working Space, Add	*935.86*	
27 15 13 00-0189	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,420.99	1,916.15
		For Work In Restricted Working Space, Add	*958.07*	
27 15 13 00-0190	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,222.49	2,231.08
		For Work In Restricted Working Space, Add	*1,115.54*	
27 15 13 00-0191	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,598.47	2,388.00
		For Work In Restricted Working Space, Add	*1,194.11*	
27 15 13 00-0192	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,806.26	2,984.72
		For Work In Restricted Working Space, Add	*1,492.13*	
27 15 13 00-0193	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,141.58	3,929.53
		For Work In Restricted Working Space, Add	*1,964.53*	
27 15 13 00-0194		#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*		
27 15 13 00-0195	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,105.49	615.51
		For Work In Restricted Working Space, Add	*307.64*	
27 15 13 00-0196	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,171.43	637.61
		For Work In Restricted Working Space, Add	*318.58*	
27 15 13 00-0197	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,255.20	659.71
		For Work In Restricted Working Space, Add	*329.86*	
27 15 13 00-0198	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,345.79	681.82
		For Work In Restricted Working Space, Add	*341.12*	
27 15 13 00-0199	MLF	5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,471.66	728.22
		For Work In Restricted Working Space, Add	*364.00*	
27 15 13 00-0200	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,604.93	771.32
		For Work In Restricted Working Space, Add	*385.88*	
27 15 13 00-0201		Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0001)*		
27 15 13 00-0202		#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0201)*		
27 15 13 00-0203	MLF	1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,421.78	1,913.93
		For Work In Restricted Working Space, Add	*956.75*	
27 15 13 00-0204	MLF	2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,733.37	1,982.45
		For Work In Restricted Working Space, Add	*991.22*	
27 15 13 00-0205	MLF	3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,017.09	2,050.96
		For Work In Restricted Working Space, Add	*1,025.70*	
27 15 13 00-0206	MLF	4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,313.64	2,121.68
		For Work In Restricted Working Space, Add	*1,060.84*	
27 15 13 00-0207	MLF	5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,716.71	2,263.13
		For Work In Restricted Working Space, Add	*1,131.12*	
27 15 13 00-0208	MLF	6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,102.86	2,404.57
		For Work In Restricted Working Space, Add	*1,202.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0209	MLF	8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,640.59	2,691.88
		For Work In Restricted Working Space, Add	*1,345.94*	
27 15 13 00-0210	MLF	12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,450.79	3,547.19
		For Work In Restricted Working Space, Add	*1,773.59*	
27 15 13 00-0211	MLF	24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	11,042.50	5,240.11
		For Work In Restricted Working Space, Add	*2,620.28*	

27 15 13 00-0212 #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0201)*

27 15 13 00-0213	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,053.65	1,708.40
		For Work In Restricted Working Space, Add	*854.64*	
27 15 13 00-0214	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,328.49	1,770.28
		For Work In Restricted Working Space, Add	*885.14*	
27 15 13 00-0215	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,578.80	1,832.16
		For Work In Restricted Working Space, Add	*915.64*	
27 15 13 00-0216	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,842.88	1,894.04
		For Work In Restricted Working Space, Add	*947.46*	
27 15 13 00-0217	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,201.48	2,020.02
		For Work In Restricted Working Space, Add	*1,010.45*	
27 15 13 00-0218	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,545.44	2,148.20
		For Work In Restricted Working Space, Add	*1,074.10*	
27 15 13 00-0219	MLF	7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,783.22	2,276.38
		For Work In Restricted Working Space, Add	*1,137.75*	
27 15 13 00-0220	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,088.90	2,404.57
		For Work In Restricted Working Space, Add	*1,202.06*	
27 15 13 00-0221	MLF	9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,523.17	2,557.07
		For Work In Restricted Working Space, Add	*1,278.25*	
27 15 13 00-0222	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,633.88	3,167.05
		For Work In Restricted Working Space, Add	*1,583.63*	
27 15 13 00-0223	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,832.00	4,678.75
		For Work In Restricted Working Space, Add	*2,339.81*	

27 15 13 00-0224 #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0201)*

27 15 13 00-0225	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,677.21	1,502.85
		For Work In Restricted Working Space, Add	*751.87*	
27 15 13 00-0226	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,903.42	1,558.11
		For Work In Restricted Working Space, Add	*779.06*	
27 15 13 00-0227	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,064.78	1,613.37
		For Work In Restricted Working Space, Add	*806.24*	
27 15 13 00-0228	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,261.52	1,666.40
		For Work In Restricted Working Space, Add	*833.42*	
27 15 13 00-0229	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,543.70	1,779.12
		For Work In Restricted Working Space, Add	*889.78*	
27 15 13 00-0230	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,823.68	1,891.83
		For Work In Restricted Working Space, Add	*945.47*	
27 15 13 00-0231	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,444.80	2,115.05
		For Work In Restricted Working Space, Add	*1,057.52*	
27 15 13 00-0232	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,812.22	2,786.91
		For Work In Restricted Working Space, Add	*1,393.68*	
27 15 13 00-0233	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,136.50	4,117.39
		For Work In Restricted Working Space, Add	*2,058.68*	

27 15 13 00-0234 #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0201)*

27 15 13 00-0235	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,399.29	1,368.04
		For Work In Restricted Working Space, Add	*683.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0236	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,566.10	1,416.67
		For Work In Restricted Working Space, Add	*708.11*	
27 15 13 00-0237	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,973.24	1,613.37
		For Work In Restricted Working Space, Add	*806.24*	
27 15 13 00-0238	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,197.18	1,696.02
		For Work In Restricted Working Space, Add	*848.01*	
27 15 13 00-0239	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,418.10	1,779.12
		For Work In Restricted Working Space, Add	*889.78*	
27 15 13 00-0240	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,675.27	1,891.83
		For Work In Restricted Working Space, Add	*945.47*	
27 15 13 00-0241	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,069.11	2,105.33
		For Work In Restricted Working Space, Add	*1,052.88*	
27 15 13 00-0242	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,958.77	2,534.96
		For Work In Restricted Working Space, Add	*1,267.04*	
27 15 13 00-0243	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,342.00	3,743.88
		For Work In Restricted Working Space, Add	*1,871.72*	
27 15 13 00-0244	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,614.53	3,832.28
		For Work In Restricted Working Space, Add	*1,916.13*	
27 15 13 00-0245	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,940.98	4,462.16
		For Work In Restricted Working Space, Add	*2,231.09*	
27 15 13 00-0246	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,578.82	4,775.99
		For Work In Restricted Working Space, Add	*2,388.21*	
27 15 13 00-0247	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	11,780.04	5,969.43
		For Work In Restricted Working Space, Add	*2,984.27*	
27 15 13 00-0248	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	15,690.01	7,859.06
		For Work In Restricted Working Space, Add	*3,929.06*	
27 15 13 00-0249		**#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0201)*		
27 15 13 00-0250	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,130.97	1,231.01
		For Work In Restricted Working Space, Add	*615.29*	
27 15 13 00-0251	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,233.39	1,275.22
		For Work In Restricted Working Space, Add	*637.17*	
27 15 13 00-0252	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,354.72	1,319.42
		For Work In Restricted Working Space, Add	*659.71*	
27 15 13 00-0253	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,482.89	1,363.62
		For Work In Restricted Working Space, Add	*682.25*	
27 15 13 00-0254	MLF	5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,685.00	1,456.45
		For Work In Restricted Working Space, Add	*728.00*	
27 15 13 00-0255	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,891.20	1,542.64
		For Work In Restricted Working Space, Add	*771.76*	
27 15 13 00-0256		**Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench** *(27 15 13 00-0001)*		
		Note: Excludes excavation.		
27 15 13 00-0257	MLF	1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	1,927.63	
27 15 13 00-0258	MLF	2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,370.36	
27 15 13 00-0259	MLF	3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,759.01	
27 15 13 00-0260	MLF	4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	3,170.54	
27 15 13 00-0261	MLF	5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	3,615.57	
27 15 13 00-0262	MLF	6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	4,021.62	
27 15 13 00-0263		**Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)** *(27 15 13 00-0001)*		
27 15 13 00-0264	MLF	1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	2,030.19	595.45
27 15 13 00-0265	MLF	2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	2,533.47	637.93
27 15 13 00-0266	MLF	3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	3,312.86	806.48
27 15 13 00-0267	MLF	4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	4,002.43	932.79
27 15 13 00-0268	MLF	5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	6,533.75	1,063.19
27 15 13 00-0269	MLF	6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	7,901.36	1,358.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0270		Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*		
27 15 13 00-0271	MLF	1 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,631.53	854.19
27 15 13 00-0272	MLF	2 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,964.06	885.14
27 15 13 00-0273	MLF	3 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,198.69	916.08
27 15 13 00-0274	MLF	4 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,325.07	947.02
27 15 13 00-0275	MLF	5 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,785.06	1,010.01
27 15 13 00-0276	MLF	6 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,012.25	1,074.10
27 15 13 00-0277	MLF	8 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,763.24	1,202.29
27 15 13 00-0278	MLF	12 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,679.24	1,583.53
27 15 13 00-0279	MLF	24 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,101.54	2,339.37
27 15 13 00-0280	MLF	1 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,410.24	751.43
27 15 13 00-0281	MLF	2 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,683.34	779.05
27 15 13 00-0282	MLF	3 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,909.52	806.68
27 15 13 00-0283	MLF	4 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,022.28	833.20
27 15 13 00-0284	MLF	5 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,415.33	889.55
27 15 13 00-0285	MLF	6 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,709.80	945.92
27 15 13 00-0286	MLF	8 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,060.32	1,057.52
27 15 13 00-0287	MLF	12 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,955.57	1,393.46
27 15 13 00-0288	MLF	24 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,311.47	2,058.69
27 15 13 00-0289	MLF	1 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,246.84	684.02
27 15 13 00-0290	MLF	2 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,420.69	708.33
27 15 13 00-0291	MLF	3 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,589.21	732.64
27 15 13 00-0292	MLF	4 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,696.17	758.06
27 15 13 00-0293	MLF	5 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,846.22	808.89
27 15 13 00-0294	MLF	6 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,014.69	859.72
27 15 13 00-0295	MLF	8 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,256.37	961.39
27 15 13 00-0296	MLF	12 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,108.95	1,267.49
27 15 13 00-0297	MLF	24 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,721.42	1,871.94
27 15 13 00-0298	MLF	25 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,976.11	1,916.15
27 15 13 00-0299	MLF	36 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,870.82	2,231.08
27 15 13 00-0300	MLF	40 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,330.47	2,388.00
27 15 13 00-0301	MLF	50 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,635.22	2,984.72
27 15 13 00-0302	MLF	100 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	10,314.65	3,929.53
27 15 13 00-0303	MLF	250 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	19,913.40	7,238.02
27 15 13 00-0304	MLF	500 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	29,997.11	9,578.51
27 15 13 00-0305	MLF	750 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	40,124.11	12,070.37
27 15 13 00-0306	MLF	1200 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	56,482.45	16,556.85
27 15 13 00-0307	MLF	1 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,208.10	684.02
27 15 13 00-0308	MLF	2 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,334.02	708.33
27 15 13 00-0309	MLF	3 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,456.56	732.64
27 15 13 00-0310	MLF	4 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,540.11	758.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0311	MLF	5 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,666.76	808.89
27 15 13 00-0312	MLF	6 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,804.78	859.72
27 15 13 00-0313	MLF	8 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,020.69	961.39
27 15 13 00-0314	MLF	12 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,749.63	1,267.49
27 15 13 00-0315	MLF	24 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,144.22	1,871.94
27 15 13 00-0316	MLF	25 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,333.82	1,916.15
27 15 13 00-0317	MLF	36 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,115.78	2,231.08
27 15 13 00-0318	MLF	40 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,483.67	2,388.00
27 15 13 00-0319	MLF	50 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,676.23	2,984.72
27 15 13 00-0320	MLF	100 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,957.60	3,929.53
27 15 13 00-0321	MLF	250 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	17,041.53	7,238.02
27 15 13 00-0322	MLF	500 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	24,926.78	9,578.51
27 15 13 00-0323	MLF	750 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	32,896.90	12,070.37
27 15 13 00-0324	MLF	1200 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	46,048.65	16,556.85
27 15 13 00-0325		Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*		
27 15 13 00-0326	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,730.67	854.19
27 15 13 00-0327	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,024.43	885.14
27 15 13 00-0328	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,202.00	916.08
27 15 13 00-0329	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,444.04	947.02
27 15 13 00-0330	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,720.22	1,010.01
27 15 13 00-0331	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,994.18	1,074.10
27 15 13 00-0332	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,651.04	1,202.29
27 15 13 00-0333	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,731.12	1,583.53
27 15 13 00-0334	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,068.14	2,339.37
27 15 13 00-0335	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,513.47	751.43
27 15 13 00-0336	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,765.24	779.05
27 15 13 00-0337	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,918.28	806.68
27 15 13 00-0338	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,125.19	833.20
27 15 13 00-0339	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,362.74	889.55
27 15 13 00-0340	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,599.21	945.92
27 15 13 00-0341	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,163.01	1,057.52
27 15 13 00-0342	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,100.30	1,393.46
27 15 13 00-0343	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,124.33	2,058.69
27 15 13 00-0344	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,323.07	684.02
27 15 13 00-0345	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,539.27	708.33
27 15 13 00-0346	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,687.89	732.64
27 15 13 00-0347	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,965.17	758.06
27 15 13 00-0348	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,197.30	808.89
27 15 13 00-0349	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,662.34	859.72
27 15 13 00-0350	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,975.31	961.39
27 15 13 00-0351	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,738.20	1,267.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0352	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,654.30	1,871.94
27 15 13 00-0353	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,012.71	1,916.15
27 15 13 00-0354	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,173.18	2,231.08
27 15 13 00-0355	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,697.13	2,388.00
27 15 13 00-0356	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,182.92	2,984.72
27 15 13 00-0357	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	12,504.81	3,929.53
27 15 13 00-0358	MLF	250 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	24,548.84	7,238.02
27 15 13 00-0359	MLF	500 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	38,180.91	9,578.51
27 15 13 00-0360	MLF	750 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	51,787.96	12,070.37
27 15 13 00-0361	MLF	1200 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	73,321.76	16,555.73
27 15 13 00-0362	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,256.85	684.02
27 15 13 00-0363	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,409.89	708.33
27 15 13 00-0364	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,519.69	732.64
27 15 13 00-0365	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,712.18	758.06
27 15 13 00-0366	MLF	5 Pair #22 AWG, Solid, Low Voltage, Plenum Rated, Non-Shielded, Installed In Conduit	1,891.33	808.89
27 15 13 00-0367	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,219.07	859.72
27 15 13 00-0368	MLF	8 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,480.59	961.39
27 15 13 00-0369	MLF	12 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,152.15	1,267.49
27 15 13 00-0370	MLF	24 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,740.96	1,871.94
27 15 13 00-0371	MLF	25 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,996.91	1,916.15
27 15 13 00-0372	MLF	36 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,928.36	2,231.08
27 15 13 00-0373	MLF	40 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,357.89	2,388.00
27 15 13 00-0374	MLF	50 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,666.26	2,984.72
27 15 13 00-0375	MLF	100 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	10,358.60	3,929.53
27 15 13 00-0376	MLF	250 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	20,006.47	7,238.02
27 15 13 00-0377	MLF	500 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	30,161.69	9,578.51
27 15 13 00-0378	MLF	750 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	40,358.22	12,070.37
27 15 13 00-0379	MLF	1200 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	56,821.16	16,556.85

27 15 13 00-0380 Copper Telecommunications Cable *(27 15 13)*

27 15 13 00-0381 Indoor Telecommunications Cable *(27 15 13 00-0380)*

Note: Shielded twisted pair cables (STP) includes a metallic foil wrap. Un-shielded twisted pair cables (UTP) excludes any shielding.

27 15 13 00-0382 Category 3, Indoor Telecommunications Cable *(27 15 13 00-0381)*

Note: Un-shielded twisted pair cables (UTP).

27 15 13 00-0383 Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0382)*

27 15 13 00-0384 24 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0383)*

27 15 13 00-0385 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0384)*

27 15 13 00-0386	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	949.57	508.01
27 15 13 00-0387	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	993.48	508.01
27 15 13 00-0388	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,009.00	508.01
27 15 13 00-0389	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,217.32	580.58
27 15 13 00-0390	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,540.56	580.58
27 15 13 00-0391	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	2,053.82	580.58
27 15 13 00-0392	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,266.15	725.72
27 15 13 00-0393	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	5,900.50	1,161.15
27 15 13 00-0394	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	7,978.22	1,306.29
27 15 13 00-0395	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	10,588.28	1,451.44
27 15 13 00-0396	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	15,482.97	2,032.01
27 15 13 00-0397	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	20,287.09	2,510.98
27 15 13 00-0398	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	32,126.08	3,483.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0399	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	52,236.31	6,966.90
27 15 13 00-0400	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	71,059.10	10,450.35
27 15 13 00-0401		24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0384)*		
27 15 13 00-0402	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,796.23	1,016.01
		For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0403	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,840.14	1,016.01
		For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0404	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,855.66	1,016.01
		For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0405	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,943.04	1,016.01
		For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0406	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,266.28	1,016.01
		For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0407	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	3,021.45	1,161.15
		For Work In Restricted Working Space, Add	*580.58*	
27 15 13 00-0408	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,475.68	1,451.44
		For Work In Restricted Working Space, Add	*725.72*	
27 15 13 00-0409	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	6,868.12	1,741.73
		For Work In Restricted Working Space, Add	*870.86*	
27 15 13 00-0410	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	9,066.80	1,959.44
		For Work In Restricted Working Space, Add	*979.72*	
27 15 13 00-0411	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	11,797.82	2,177.15
		For Work In Restricted Working Space, Add	*1,088.58*	
27 15 13 00-0412	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	17,176.31	3,048.02
		For Work In Restricted Working Space, Add	*1,524.01*	
27 15 13 00-0413	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	22,391.67	3,773.74
		For Work In Restricted Working Space, Add	*1,886.87*	
27 15 13 00-0414	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	35,028.96	5,225.17
		For Work In Restricted Working Space, Add	*2,612.59*	
27 15 13 00-0415	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	58,042.06	10,450.35
		For Work In Restricted Working Space, Add	*5,225.18*	
27 15 13 00-0416	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	79,767.73	15,675.52
		For Work In Restricted Working Space, Add	*7,837.76*	
27 15 13 00-0417		22 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0383)*		
27 15 13 00-0418		22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0417)*		
27 15 13 00-0419	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,332.22	580.58
27 15 13 00-0420	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	4,963.02	725.72
27 15 13 00-0421	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	9,063.64	1,161.15
27 15 13 00-0422	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	16,097.86	1,451.44
27 15 13 00-0423	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	23,676.54	2,032.01
27 15 13 00-0424	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	30,840.22	2,510.98
27 15 13 00-0425	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	45,725.36	3,483.45
27 15 13 00-0426		22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0417)*		
27 15 13 00-0427	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,299.85	1,161.15
		For Work In Restricted Working Space, Add	*580.58*	
27 15 13 00-0428	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	6,172.55	1,451.44
		For Work In Restricted Working Space, Add	*725.72*	
27 15 13 00-0429	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	10,031.26	1,741.73
		For Work In Restricted Working Space, Add	*870.86*	
27 15 13 00-0430	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	17,307.40	2,177.15
		For Work In Restricted Working Space, Add	*1,088.58*	
27 15 13 00-0431	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	25,369.88	3,048.02
		For Work In Restricted Working Space, Add	*1,524.01*	
27 15 13 00-0432	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	32,944.80	3,773.74
		For Work In Restricted Working Space, Add	*1,886.87*	
27 15 13 00-0433	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	48,628.24	5,225.17
		For Work In Restricted Working Space, Add	*2,612.59*	
27 15 13 00-0434		Category 3, Indoor Telecommunications Plenum Cable *(27 15 13 00-0382)*		
27 15 13 00-0435		24 AWG, Category 3, Indoor Telecommunications Plenum Cable *(27 15 13 00-0434)*		
27 15 13 00-0436		24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0435)*		
27 15 13 00-0437	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	985.09	508.01
27 15 13 00-0438	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,028.82	508.01
27 15 13 00-0439	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,061.53	508.01
27 15 13 00-0440	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,276.30	580.58
27 15 13 00-0441	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,628.66	580.58
27 15 13 00-0442	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	2,583.79	580.58
27 15 13 00-0443	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	4,345.12	725.72

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0444		MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	8,161.23	1,161.15
27 15 13 00-0445		MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	14,130.99	1,451.44
27 15 13 00-0446		MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	21,176.61	2,032.01
27 15 13 00-0447			24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0435)*		
27 15 13 00-0448		MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,831.75	1,016.01
			For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0449		MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,875.48	1,016.01
			For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0450		MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,908.19	1,016.01
			For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0451		MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	2,002.02	1,016.01
			For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0452		MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	2,354.38	1,016.01
			For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0453		MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	3,551.42	1,161.15
			For Work In Restricted Working Space, Add	*580.58*	
27 15 13 00-0454		MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	5,554.65	1,451.44
			For Work In Restricted Working Space, Add	*725.72*	
27 15 13 00-0455		MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	9,128.85	1,741.73
			For Work In Restricted Working Space, Add	*870.86*	
27 15 13 00-0456		MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	15,340.53	2,177.15
			For Work In Restricted Working Space, Add	*1,088.58*	
27 15 13 00-0457		MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	22,869.95	3,048.02
			For Work In Restricted Working Space, Add	*1,524.01*	
27 15 13 00-0458			Category 5E, Indoor Telecommunications Cable *(27 15 13 00-0381)*		
27 15 13 00-0459			Category 5E, Indoor Telecommunications Riser Cable *(27 15 13 00-0458)*		
27 15 13 00-0460			Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0459)*		
27 15 13 00-0461		MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,032.57	508.01
27 15 13 00-0462		MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,076.11	508.01
27 15 13 00-0463		MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,197.88	580.58
27 15 13 00-0464		MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,241.41	580.58
27 15 13 00-0465			Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0459)*		
27 15 13 00-0466		MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,879.23	1,016.01
			For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0467		MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,922.77	1,016.01
			For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0468		MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	2,165.51	1,161.15
			For Work In Restricted Working Space, Add	*580.58*	
27 15 13 00-0469		MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	2,209.04	1,161.15
			For Work In Restricted Working Space, Add	*580.58*	
27 15 13 00-0470			Category 5E, Indoor Telecommunications Plenum Cable *(27 15 13 00-0458)*		
27 15 13 00-0471			Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0470)*		
27 15 13 00-0472		MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,192.69	508.01
27 15 13 00-0473		MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,653.84	580.58
27 15 13 00-0474			Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0470)*		
27 15 13 00-0475		MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	2,039.35	1,016.01
			For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0476		MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	2,621.47	1,161.15
			For Work In Restricted Working Space, Add	*580.58*	
27 15 13 00-0477			Category 6, Indoor Telecommunications Cable *(27 15 13 00-0381)*		
27 15 13 00-0478			Category 6, Indoor Telecommunications Riser Cable *(27 15 13 00-0477)*		
27 15 13 00-0479			Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0478)*		
27 15 13 00-0480		MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	1,360.41	508.01
27 15 13 00-0481		MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	1,417.85	508.01
27 15 13 00-0482			Category 6, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0478)*		
27 15 13 00-0483		MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	2,207.07	1,016.01
			For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0484		MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	2,264.51	1,016.01
			For Work In Restricted Working Space, Add	*508.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0485		Category 6, Indoor Telecommunications Plenum Cable *(27 15 13 00-0477)*		
27 15 13 00-0486		Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0485)*		
27 15 13 00-0487	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,686.78	508.01
27 15 13 00-0488		Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0485)*		
27 15 13 00-0489	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed	2,533.44	1,016.01
		For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0490		Category 6a, Indoor Telecommunications Cable *(27 15 13 00-0381)*		
27 15 13 00-0491		Category 6a, Indoor Telecommunications Riser Cable *(27 15 13 00-0490)*		
27 15 13 00-0492		Category 6a Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0491)*		
27 15 13 00-0493	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed In Conduit	1,452.20	508.01
27 15 13 00-0494		Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0491)*		
27 15 13 00-0495	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed Exposed	2,298.86	1,016.01
		For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0496		Category 6a, Indoor Telecommunications Plenum Cable *(27 15 13 00-0490)*		
27 15 13 00-0497		Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0496)*		
27 15 13 00-0498	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,905.13	508.01
27 15 13 00-0499		Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0496)*		
27 15 13 00-0500	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed Exposed	2,751.79	1,016.01
		For Work In Restricted Working Space, Add	*508.00*	
27 15 13 00-0501		Category 7, Indoor Telecommunications Cable *(27 15 13 00-0381)*		
27 15 13 00-0502		Category 7, Indoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0501)*		
27 15 13 00-0503	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit	3,301.91	580.58
27 15 13 00-0504	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit	5,547.63	580.58
27 15 13 00-0505		Category 7, Indoor Telecommunications Cable, Installed Exposed *(27 15 13 00-0501)*		
27 15 13 00-0506	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed	4,269.54	1,161.15
		For Work In Restricted Working Space, Add	*580.58*	
27 15 13 00-0507	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed	6,515.26	1,161.15
		For Work In Restricted Working Space, Add	*580.58*	
27 15 13 00-0508		Outdoor Telecommunications Cable *(27 15 13 00-0380)* Note: Cable buried in trench excludes excavation.		
27 15 13 00-0509		PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0508)* Note: Includes foam-skin polyolefin insulated conductors.		
27 15 13 00-0510		24 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0509)*		
27 15 13 00-0511		24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0510)*		
27 15 13 00-0512	MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,797.10	580.58
27 15 13 00-0513	MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,147.95	1,016.01
27 15 13 00-0514	MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,024.69	653.15
27 15 13 00-0515	MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,585.47	725.72
27 15 13 00-0516	MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,500.37	1,016.01
27 15 13 00-0517	MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	8,176.71	1,161.15
27 15 13 00-0518	MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	14,020.73	1,306.29
27 15 13 00-0519	MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	20,610.04	1,886.87
27 15 13 00-0520	MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	27,308.37	2,467.45
27 15 13 00-0521	MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	37,087.08	3,338.30
27 15 13 00-0522	MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	58,608.96	6,676.61
27 15 13 00-0523	MLF	1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	80,128.83	9,869.77
27 15 13 00-0524		24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0510)*		
27 15 13 00-0525	MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,615.67	
27 15 13 00-0526	MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,966.52	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0527	MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,782.79	
27 15 13 00-0528	MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,343.56	
27 15 13 00-0529	MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	6,137.52	
27 15 13 00-0530	MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,571.95	
27 15 13 00-0531	MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	13,778.83	
27 15 13 00-0532	MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	19,884.31	
27 15 13 00-0533	MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	25,796.45	
27 15 13 00-0534	MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	34,426.11	
27 15 13 00-0535	MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	51,351.77	
27 15 13 00-0536	MLF	1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	69,484.95	
27 15 13 00-0537		22 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0509)*		
27 15 13 00-0538		22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0537)*		
27 15 13 00-0539	MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,020.15	580.58
27 15 13 00-0540	MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,564.66	580.58
27 15 13 00-0541	MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,877.67	653.15
27 15 13 00-0542	MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,103.67	725.72
27 15 13 00-0543	MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	8,872.90	1,016.01
27 15 13 00-0544	MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	11,402.10	1,161.15
27 15 13 00-0545	MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	20,242.96	1,306.29
27 15 13 00-0546	MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	29,484.20	1,886.87
27 15 13 00-0547	MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	39,271.50	2,467.45
27 15 13 00-0548	MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	57,978.48	3,338.30
27 15 13 00-0549	MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	84,993.07	6,676.61
27 15 13 00-0550	MLF	1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	119,601.88	9,869.77
27 15 13 00-0551		22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0537)*		
27 15 13 00-0552	MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,838.72	
27 15 13 00-0553	MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,383.23	
27 15 13 00-0554	MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	3,635.77	
27 15 13 00-0555	MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	5,861.76	
27 15 13 00-0556	MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	8,510.05	
27 15 13 00-0557	MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	11,039.24	
27 15 13 00-0558	MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	20,001.06	
27 15 13 00-0559	MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	28,758.47	
27 15 13 00-0560	MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	37,759.58	
27 15 13 00-0561	MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	55,317.51	
27 15 13 00-0562	MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	77,735.88	
27 15 13 00-0563	MLF	1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	108,958.00	
27 15 13 00-0564		19 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0509)*		
27 15 13 00-0565		19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0564)*		
27 15 13 00-0566	MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,507.22	653.15
27 15 13 00-0567	MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	11,243.59	725.72
27 15 13 00-0568	MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	18,015.88	1,016.01
27 15 13 00-0569	MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	21,582.81	1,161.15
27 15 13 00-0570		19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0564)*		
27 15 13 00-0571	MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	6,265.32	
27 15 13 00-0572	MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	11,001.68	
27 15 13 00-0573	MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	17,653.03	
27 15 13 00-0574	MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	21,219.95	
27 15 13 00-0575		PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0508)*		
		Note: Includes solid polyolefin insulated conductors.		
27 15 13 00-0576		24 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0575)*		
27 15 13 00-0577		24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0576)*		
27 15 13 00-0578	MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,554.18	1,016.01
27 15 13 00-0579	MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,983.41	1,016.01
27 15 13 00-0580	MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,849.35	1,016.01
27 15 13 00-0581	MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,408.73	1,016.01
27 15 13 00-0582	MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	8,571.40	1,016.01
27 15 13 00-0583	MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	15,476.62	1,306.29
27 15 13 00-0584	MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	22,595.95	1,886.87
27 15 13 00-0585	MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	29,728.18	2,467.45
27 15 13 00-0586	MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	40,620.19	3,338.30
27 15 13 00-0587	MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	63,178.15	6,676.61
27 15 13 00-0588	MLF	1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	91,979.44	9,869.77

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0589		24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0576)*		
27 15 13 00-0590	MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,191.33	
27 15 13 00-0591	MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,620.56	
27 15 13 00-0592	MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,486.50	
27 15 13 00-0593	MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,045.88	
27 15 13 00-0594	MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	8,208.55	
27 15 13 00-0595	MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	15,234.72	
27 15 13 00-0596	MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	21,870.22	
27 15 13 00-0597	MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	28,216.26	
27 15 13 00-0598	MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	37,959.22	
27 15 13 00-0599	MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	55,920.96	
27 15 13 00-0600	MLF	1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	81,335.56	
27 15 13 00-0601		22 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0575)*		
27 15 13 00-0602		22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0601)*		
27 15 13 00-0603	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,802.33	1,016.01
27 15 13 00-0604	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,433.05	1,016.01
27 15 13 00-0605	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	4,775.27	1,016.01
27 15 13 00-0606	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	7,244.47	1,016.01
27 15 13 00-0607	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	12,397.35	1,016.01
27 15 13 00-0608	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	22,839.58	1,306.29
27 15 13 00-0609	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	33,464.59	1,886.87
27 15 13 00-0610	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	42,873.59	2,467.45
27 15 13 00-0611	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	59,881.24	3,338.30
27 15 13 00-0612	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	94,366.25	6,676.61
27 15 13 00-0613		22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0601)*		
27 15 13 00-0614	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,439.48	
27 15 13 00-0615	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,070.20	
27 15 13 00-0616	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	4,412.42	
27 15 13 00-0617	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	6,881.62	
27 15 13 00-0618	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	12,034.50	
27 15 13 00-0619	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	22,597.68	
27 15 13 00-0620	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	32,738.86	
27 15 13 00-0621	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	41,361.67	
27 15 13 00-0622	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	57,220.27	
27 15 13 00-0623	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	87,109.06	
27 15 13 00-0624		19 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0575)*		
27 15 13 00-0625		19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0624)*		
27 15 13 00-0626	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	7,748.59	1,016.01
27 15 13 00-0627	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	12,756.44	1,016.01
27 15 13 00-0628	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	23,140.97	1,016.01
27 15 13 00-0629		19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0624)*		
27 15 13 00-0630	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	7,385.74	
27 15 13 00-0631	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	12,393.59	
27 15 13 00-0632	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	22,778.12	
27 15 13 00-0633		(Aerial) Outdoor Telecommunications Cable *(27 15 13 00-0508)* Note: Includes support wire.		
27 15 13 00-0634		24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0633)*		
27 15 13 00-0635	MLF	6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,451.48	2,041.40
27 15 13 00-0636	MLF	12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,808.62	2,041.40
27 15 13 00-0637	MLF	25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,695.31	2,041.40
27 15 13 00-0638	MLF	50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	10,337.01	2,041.40
27 15 13 00-0639	MLF	100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	13,507.92	2,041.40
27 15 13 00-0640	MLF	200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	20,287.10	2,245.54
27 15 13 00-0641	MLF	300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	27,105.52	2,449.68
27 15 13 00-0642		22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0633)*		
27 15 13 00-0643	MLF	6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,878.76	2,041.40
27 15 13 00-0644	MLF	12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,406.40	2,041.40
27 15 13 00-0645	MLF	25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,677.29	2,041.40
27 15 13 00-0646	MLF	50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	12,188.03	2,041.40
27 15 13 00-0647	MLF	100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	17,818.69	2,041.40
27 15 13 00-0648	MLF	200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	27,953.43	2,245.54

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0649			19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0633)*		
27 15 13 00-0650		MLF	6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,443.65	2,041.40
27 15 13 00-0651		MLF	12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,636.90	2,041.40
27 15 13 00-0652		MLF	25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	11,983.01	2,041.40
27 15 13 00-0653		MLF	50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	16,675.28	2,041.40
27 15 13 00-0654		MLF	100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	26,208.70	2,041.40
27 15 13 00-0655			Sound System Cables *(27 15 13)*		
			Note: Cables shall be type CL2 or CM and as manufactured by West Penn Wire, Belden or approved equal.		
27 15 13 00-0656			Speaker/Communications And Control Cable, Installed Exposed *(27 15 13 00-0655)*		
27 15 13 00-0657			Non-Plenum Rated Speaker/Communications And Control Cable, Installed Exposed *(27 15 13 00-0656)*		
27 15 13 00-0658		MLF	2 Conductor, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,870.20	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0659		MLF	2 Conductor, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,761.21	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0660		MLF	2 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,677.14	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0661		MLF	4 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,769.08	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0662		MLF	4 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,064.56	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0663		MLF	6 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,359.08	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0664		MLF	4 Conductor, #20 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,065.81	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0665		MLF	4 Conductor, #22 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,923.92	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0666			Plenum Rated Speaker/Communications And Control Cable, Installed Exposed *(27 15 13 00-0656)*		
27 15 13 00-0667		MLF	2 Conductor, #16 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,915.23	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0668		MLF	2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,789.85	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0669		MLF	2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,718.88	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0670		MLF	4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,837.30	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0671		MLF	8 Conductors, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,087.49	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0672		MLF	2 Conductors, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,059.89	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0673		MLF	2 Conductors, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,886.46	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0674		MLF	4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,181.26	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0675		MLF	6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,475.24	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0676		MLF	2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,754.47	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0677		MLF	2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,813.05	773.53
			For Work In Restricted Working Space, Add	*464.12*	
27 15 13 00-0678			Speaker/Communications And Control Cable, Installed In Conduit *(27 15 13 00-0655)*		
27 15 13 00-0679			Non-Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit *(27 15 13 00-0678)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0680	MLF	2 Conductors, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,096.67	386.76
27 15 13 00-0681	MLF	2 Conductors, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	987.68	386.76
27 15 13 00-0682	MLF	2 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	903.61	386.76
27 15 13 00-0683	MLF	4 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	995.55	386.76
27 15 13 00-0684	MLF	4 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,291.03	386.76
27 15 13 00-0685	MLF	6 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,585.55	386.76
27 15 13 00-0686	MLF	4 Conductors (2 Shielded, 2 Unshielded), #20 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit	1,292.28	386.76
27 15 13 00-0687	MLF	4 Conductors (2 Shielded, 2 Unshielded), #22 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit	1,150.39	386.76
27 15 13 00-0688		Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit *(27 15 13 00-0678)*		
27 15 13 00-0689	MLF	2 Conductor, #6 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,141.70	386.76
27 15 13 00-0690	MLF	2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,016.32	386.76
27 15 13 00-0691	MLF	2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	945.35	386.76
27 15 13 00-0692	MLF	4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,063.77	386.76
27 15 13 00-0693	MLF	8 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,313.96	386.76
27 15 13 00-0694	MLF	2 Conductor, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,286.36	386.76
27 15 13 00-0695	MLF	2 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,112.93	386.76
27 15 13 00-0696	MLF	4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,407.73	386.76
27 15 13 00-0697	MLF	6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,701.71	386.76
27 15 13 00-0698	MLF	2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit	1,039.52	386.76
27 15 13 00-0699	MLF	2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit	980.94	386.76

27 15 23 Communications Optical Fiber Horizontal Cabling *(27 15)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 23 00-0001 Indoor Fiber Optic Cable *(27 15 23)*

Note: Distribution cables contain multiple tight-buffered fibers bundled under the same jacket with Kevlar strength members. Break-out cables contain multiple individually reinforced and jacketed simplex cables bundled together.

27 15 23 00-0002 Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0001)*

Note: Excludes conduit or innerduct.

27 15 23 00-0003 Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0002)*

27 15 23 00-0004 Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0003)*

27 15 23 00-0005 Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*

27 15 23 00-0006	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,017.87	435.43
27 15 23 00-0007	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,105.92	435.43
27 15 23 00-0008	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,135.32	435.43
27 15 23 00-0009	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,240.01	435.43
		For Aluminum Armored Cable, Add	*1,099.86*	
		For Steel Armored Cable, Add	*1,578.49*	
27 15 23 00-0010	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,270.03	435.43
27 15 23 00-0011	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,451.48	435.43
		For Aluminum Armored Cable, Add	*1,204.69*	
		For Steel Armored Cable, Add	*1,661.23*	
27 15 23 00-0012	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,450.66	508.01
27 15 23 00-0013	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,419.90	508.01
		For Aluminum Armored Cable With Sub-Units, Add	*1,663.40*	
		For Steel Armored Cable, Add	*2,285.98*	
27 15 23 00-0014	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,156.53	508.01
		For Aluminum Armored Cable With Sub-Units, Add	*1,753.53*	
		For Steel Armored Cable, Add	*2,111.62*	
27 15 23 00-0015	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,299.40	508.01
		For Aluminum Armored Cable With Sub-Units, Add	*1,839.80*	
		For Steel Armored Cable, Add	*2,211.14*	
27 15 23 00-0016	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,200.34	508.01

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0017	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,439.93	508.01
27 15 23 00-0018	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,700.18	508.01
27 15 23 00-0019	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,987.52	580.58
27 15 23 00-0020	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,706.07	580.58

27 15 23 00-0021 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*

27 15 23 00-0022	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,043.23	435.43
27 15 23 00-0023	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,235.96	435.43
27 15 23 00-0024	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,538.92	435.43
27 15 23 00-0025	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,857.82	435.43
		For Aluminum Armored Cable, Add	*666.65*	
		For Steel Armored Cable, Add	*941.94*	
27 15 23 00-0026	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,160.77	435.43
27 15 23 00-0027	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,782.62	435.43
		For Aluminum Armored Cable, Add	*486.55*	
		For Steel Armored Cable, Add	*845.24*	
27 15 23 00-0028	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,063.04	508.01
27 15 23 00-0029	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,311.28	508.01
		For Aluminum Armored Cable With Sub-Units, Add	*1,024.86*	
		For Steel Armored Cable, Add	*1,024.86*	
27 15 23 00-0030	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,543.58	508.01
27 15 23 00-0031	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,775.88	508.01
		For Aluminum Armored Cable With Sub-Units, Add	*1,828.89*	
27 15 23 00-0032	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,008.18	508.01
27 15 23 00-0033	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,240.48	508.01
27 15 23 00-0034	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,721.02	508.01
		For Aluminum Armored Cable With Sub-Units, Add	*7,876.83*	
27 15 23 00-0035	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	23,306.56	580.58
27 15 23 00-0036	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	27,771.16	580.58

27 15 23 00-0037 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*

27 15 23 00-0038	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,059.10	435.43
27 15 23 00-0039	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,261.47	435.43
27 15 23 00-0040	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,579.57	435.43
27 15 23 00-0041	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,914.42	435.43
27 15 23 00-0042	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,232.52	435.43
27 15 23 00-0043	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,885.47	435.43
27 15 23 00-0044	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,173.85	508.01
27 15 23 00-0045	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,534.51	508.01
27 15 23 00-0046	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,878.42	508.01
27 15 23 00-0047	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,222.34	508.01
27 15 23 00-0048	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,566.26	508.01
27 15 23 00-0049	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,910.17	508.01
27 15 23 00-0050	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	19,614.74	508.01
27 15 23 00-0051	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	24,423.51	580.58
27 15 23 00-0052	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	29,111.34	580.58

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0053		Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0003)*		
27 15 23 00-0054		Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0053)*		
27 15 23 00-0055	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,833.92	435.43
27 15 23 00-0056	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,162.29	435.43
27 15 23 00-0057	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,884.69	435.43
27 15 23 00-0058	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,229.44	435.43
27 15 23 00-0059	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,578.14	435.43
27 15 23 00-0060	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,895.21	508.01
27 15 23 00-0061	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,408.40	508.01
27 15 23 00-0062	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,410.14	508.01
27 15 23 00-0063	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,749.71	508.01
27 15 23 00-0064		50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0053)*		
27 15 23 00-0065	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,453.03	435.43
27 15 23 00-0066	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,997.64	435.43
27 15 23 00-0067	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,895.59	435.43
27 15 23 00-0068	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,230.18	435.43
27 15 23 00-0069	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,784.40	435.43
27 15 23 00-0070	MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,744.49	508.01
27 15 23 00-0071	MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,744.60	508.01
27 15 23 00-0072	MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,112.07	508.01
27 15 23 00-0073	MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,983.02	508.01
27 15 23 00-0074		62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0053)*		
27 15 23 00-0075	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,539.39	435.43
27 15 23 00-0076	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,111.24	435.43
27 15 23 00-0077	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,054.08	435.43
27 15 23 00-0078	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,455.41	435.43
27 15 23 00-0079	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,037.33	435.43
27 15 23 00-0080	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,089.38	508.01
27 15 23 00-0081	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,189.49	508.01
27 15 23 00-0082	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,625.34	508.01
27 15 23 00-0083	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,789.84	508.01
27 15 23 00-0084		Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0002)*		
27 15 23 00-0085		Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0084)*		
27 15 23 00-0086		Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0085)*		
27 15 23 00-0087	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,086.78	435.43
27 15 23 00-0088	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,092.23	435.43
27 15 23 00-0089	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,378.26	435.43
27 15 23 00-0090	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,411.73	435.43
		For Aluminum Armored Cable, Add	*1,313.89*	
		For Steel Armored Cable, Add	*5,302.69*	
27 15 23 00-0091	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,580.22	435.43
27 15 23 00-0092	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,611.74	435.43
		For Aluminum Armored Cable, Add	*1,392.42*	
		For Steel Armored Cable, Add	*5,671.18*	
27 15 23 00-0093	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,735.16	508.01
27 15 23 00-0094	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,818.34	508.01
		For Aluminum Armored Cable With Sub-Units, Add	*1,080.62*	
		For Steel Armored Cable, Add	*5,535.54*	
27 15 23 00-0095	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,685.39	508.01
27 15 23 00-0096	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,887.35	508.01
		For Aluminum Armored Cable With Sub-Units, Add	*1,656.81*	
		For Steel Armored Cable, Add	*6,637.85*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0097		MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,530.90	508.01
27 15 23 00-0098		MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,285.68	508.01
27 15 23 00-0099		MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,932.48	508.01
27 15 23 00-0100			50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0085)*		
27 15 23 00-0101		MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,041.52	435.43
27 15 23 00-0102		MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,682.06	435.43
27 15 23 00-0103		MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,267.91	435.43
27 15 23 00-0104		MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,865.52	435.43
			For Aluminum Armored Cable, Add	*-338.42*	
			For Steel Armored Cable, Add	*-2.25*	
27 15 23 00-0105		MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,438.14	435.43
27 15 23 00-0106		MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,935.66	435.43
			For Aluminum Armored Cable, Add	*-689.38*	
			For Steel Armored Cable, Add	*-307.77*	
27 15 23 00-0107		MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,035.86	508.01
27 15 23 00-0108		MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,285.32	508.01
			For Aluminum Armored Cable With Sub-Units, Add	*2,506.88*	
			For Steel Armored Cable, Add	*5,846.77*	
27 15 23 00-0109		MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,504.64	508.01
27 15 23 00-0110		MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,723.96	508.01
			For Aluminum Armored Cable With Sub-Units, Add	*7,444.09*	
27 15 23 00-0111		MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,943.28	508.01
27 15 23 00-0112		MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	26,162.60	508.01
27 15 23 00-0113		MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	34,631.38	508.01
			For Aluminum Armored Cable With Sub-Units, Add	*14,888.17*	
27 15 23 00-0114			62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0085)*		
27 15 23 00-0115		MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,057.31	435.43
27 15 23 00-0116		MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,729.88	435.43
27 15 23 00-0117		MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,345.02	435.43
27 15 23 00-0118		MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,972.51	435.43
27 15 23 00-0119		MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,573.76	435.43
27 15 23 00-0120		MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,096.16	435.43
27 15 23 00-0121		MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,245.32	508.01
27 15 23 00-0122		MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,707.25	508.01
27 15 23 00-0123		MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,137.54	508.01
27 15 23 00-0124		MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,567.82	508.01
27 15 23 00-0125		MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	22,998.11	508.01
27 15 23 00-0126		MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	27,428.40	508.01
27 15 23 00-0127		MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	36,320.61	508.01
27 15 23 00-0128			Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0084)*		
27 15 23 00-0129			Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*		
27 15 23 00-0130		MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,838.15	435.43
27 15 23 00-0131		MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,237.67	435.43
27 15 23 00-0132		MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,198.12	435.43
27 15 23 00-0133		MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,139.39	435.43
27 15 23 00-0134		MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,641.65	435.43

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0135	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,449.68	508.01
27 15 23 00-0136	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,586.50	508.01
27 15 23 00-0137	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,416.40	508.01
27 15 23 00-0138	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,460.70	508.01
27 15 23 00-0139		50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*		
27 15 23 00-0140	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,131.54	435.43
27 15 23 00-0141	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,710.20	435.43
27 15 23 00-0142	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,528.04	435.43
27 15 23 00-0143	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,964.18	435.43
27 15 23 00-0144	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,192.07	435.43
27 15 23 00-0145	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	19,471.96	508.01
27 15 23 00-0146	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	22,917.97	508.01
27 15 23 00-0147	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	25,310.57	508.01
27 15 23 00-0148	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	40,628.84	508.01
27 15 23 00-0149		62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*		
27 15 23 00-0150	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,401.83	435.43
27 15 23 00-0151	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,059.43	435.43
27 15 23 00-0152	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,018.16	435.43
27 15 23 00-0153	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,526.10	435.43
27 15 23 00-0154	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,865.39	435.43
27 15 23 00-0155	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,403.23	508.01
27 15 23 00-0156	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	24,021.54	508.01
27 15 23 00-0157	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	26,533.76	508.01
27 15 23 00-0158	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	42,617.95	508.01
27 15 23 00-0159		Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0001)* Note: For non-conduit installations such as cable trays, surface runways, etc.		
27 15 23 00-0160		Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0159)*		
27 15 23 00-0161		Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0160)*		
27 15 23 00-0162		Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*		
27 15 23 00-0163	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,259.77	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0164	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,347.82	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0165	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,377.22	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0166	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,481.91	580.58
		For Aluminum Armored Cable, Add	*1,099.86*	
		For Steel Armored Cable, Add	*1,578.49*	
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0167	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,511.93	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0168	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,693.38	580.58
		For Aluminum Armored Cable, Add	*1,204.69*	
		For Steel Armored Cable, Add	*1,661.23*	
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0169	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,692.56	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0170	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,661.80	653.15
		For Aluminum Armored Cable With Sub-Units, Add	*1,663.40*	
		For Steel Armored Cable, Add	*2,285.98*	
		For Work In Restricted Working Space, Add	*326.57*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0171		MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,398.43	653.15
			For Aluminum Armored Cable With Sub-Units, Add	*1,753.53*	
			For Steel Armored Cable, Add	*2,111.62*	
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0172		MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,541.30	653.15
			For Aluminum Armored Cable With Sub-Units, Add	*1,839.80*	
			For Steel Armored Cable, Add	*2,211.14*	
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0173		MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,442.24	653.15
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0174		MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,681.83	653.15
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0175		MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,942.08	653.15
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0176		MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,229.43	725.72
			For Work In Restricted Working Space, Add	*362.86*	
27 15 23 00-0177		MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,947.98	725.72
			For Work In Restricted Working Space, Add	*362.86*	
27 15 23 00-0178			50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*		
27 15 23 00-0179		MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,285.13	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0180		MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,477.86	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0181		MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,780.82	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0182		MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,099.72	580.58
			For Aluminum Armored Cable, Add	*666.65*	
			For Steel Armored Cable, Add	*941.94*	
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0183		MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,402.67	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0184		MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,024.52	580.58
			For Aluminum Armored Cable, Add	*486.55*	
			For Steel Armored Cable, Add	*845.24*	
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0185		MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,304.94	653.15
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0186		MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,553.18	653.15
			For Aluminum Armored Cable With Sub-Units, Add	*1,024.86*	
			For Steel Armored Cable, Add	*1,024.86*	
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0187		MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,785.48	653.15
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0188		MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,017.78	653.15
			For Aluminum Armored Cable With Sub-Units, Add	*1,828.89*	
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0189		MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,250.08	653.15
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0190		MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,482.38	653.15
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0191		MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,962.92	653.15
			For Aluminum Armored Cable With Sub-Units, Add	*7,876.83*	
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0192		MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	23,548.47	725.72
			For Work In Restricted Working Space, Add	*362.86*	
27 15 23 00-0193		MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	28,013.07	725.72
			For Work In Restricted Working Space, Add	*362.86*	
27 15 23 00-0194			62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*		
27 15 23 00-0195		MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,301.00	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0196		MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,503.37	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0197		MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,821.47	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0198		MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,156.32	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0199		MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,474.42	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0200		MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,127.37	580.58
			For Work In Restricted Working Space, Add	*290.29*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0201	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,415.75	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0202	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,776.41	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0203	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,120.32	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0204	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,464.24	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0205	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,808.16	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0206	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,152.07	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0207	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,856.64	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0208	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	24,665.42	725.72
		For Work In Restricted Working Space, Add	*362.86*	
27 15 23 00-0209	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	29,353.25	725.72
		For Work In Restricted Working Space, Add	*362.86*	

27 15 23 00-0210 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0160)*

27 15 23 00-0211 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*

27 15 23 00-0212	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,075.82	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0213	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,404.19	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0214	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,126.59	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0215	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,471.34	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0216	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,820.04	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0217	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,137.11	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0218	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,650.30	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0219	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,652.04	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0220	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,991.61	653.15
		For Work In Restricted Working Space, Add	*326.57*	

27 15 23 00-0221 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*

27 15 23 00-0222	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,694.93	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0223	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,239.54	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0224	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,137.49	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0225	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,472.08	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0226	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,026.30	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0227	MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,986.39	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0228	MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,986.50	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0229	MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,353.97	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0230	MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,224.92	653.15
		For Work In Restricted Working Space, Add	*326.57*	

27 15 23 00-0231 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*

27 15 23 00-0232	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,781.29	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0233	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,353.14	580.58
		For Work In Restricted Working Space, Add	*290.29*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0234	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,295.98	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0235	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,697.31	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0236	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,279.23	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0237	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,331.28	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0238	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,431.39	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0239	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,867.24	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0240	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,031.74	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0241		Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0159)*		
27 15 23 00-0242		Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0241)*		
27 15 23 00-0243		Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*		
27 15 23 00-0244	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,328.68	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0245	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,334.13	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0246	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,620.16	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0247	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,653.63	580.58
		For Aluminum Armored Cable, Add	*1,313.89*	
		For Steel Armored Cable, Add	*5,302.69*	
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0248	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,822.12	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0249	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,853.64	580.58
		For Aluminum Armored Cable, Add	*1,392.42*	
		For Steel Armored Cable, Add	*5,671.18*	
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0250	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,977.06	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0251	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,060.24	653.15
		For Aluminum Armored Cable With Sub-Units, Add	*1,080.62*	
		For Steel Armored Cable, Add	*5,535.54*	
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0252	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,927.29	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0253	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,129.25	653.15
		For Aluminum Armored Cable With Sub-Units, Add	*1,656.81*	
		For Steel Armored Cable, Add	*6,637.85*	
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0254	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,772.80	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0255	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,527.58	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0256	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,174.38	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0257		50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*		
27 15 23 00-0258	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,283.42	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0259	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,923.96	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0260	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,509.81	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0261	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,107.42	580.58
		For Aluminum Armored Cable, Add	*-338.42*	
		For Steel Armored Cable, Add	*-2.25*	
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0262	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,680.04	580.58
		For Work In Restricted Working Space, Add	*290.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0263	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,177.56	580.58
		For Aluminum Armored Cable, Add	*-689.38*	
		For Steel Armored Cable, Add	*-307.77*	
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0264	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,277.76	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0265	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,527.22	653.15
		For Aluminum Armored Cable With Sub-Units, Add	*2,506.88*	
		For Steel Armored Cable, Add	*5,846.77*	
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0266	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,746.54	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0267	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,965.86	653.15
		For Aluminum Armored Cable With Sub-Units, Add	*7,444.09*	
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0268	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	22,185.18	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0269	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	26,404.50	653.15
		For Work In Restricted Working Space, Add	*326.57*	
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0270	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	34,873.28	653.15
		For Work In Restricted Working Space, Add	*326.57*	
		For Aluminum Armored Cable With Sub-Units, Add	*14,888.17*	
		For Work In Restricted Working Space, Add	*326.57*	

27 15 23 00-0271 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*

27 15 23 00-0272	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,299.21	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0273	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,971.78	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0274	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,586.92	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0275	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,214.41	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0276	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,815.66	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0277	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,338.06	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0278	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,487.22	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0279	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,949.15	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0280	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,379.44	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0281	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,809.72	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0282	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	23,240.01	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0283	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	27,670.30	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0284	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	36,562.51	653.15
		For Work In Restricted Working Space, Add	*326.57*	

27 15 23 00-0285 Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0241)*

27 15 23 00-0286 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*

27 15 23 00-0287	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,080.05	580.58
		For Work In Restricted Working Space, Add	*290.29*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0288	MLF		4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,479.57	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0289	MLF		6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,440.02	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0290	MLF		8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,381.29	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0291	MLF		12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,883.55	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0292	MLF		18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,691.58	653.15
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0293	MLF		24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,828.40	653.15
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0294	MLF		36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,658.30	653.15
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0295	MLF		48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,702.60	653.15
			For Work In Restricted Working Space, Add	*326.57*	

27 15 23 00-0296 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*

27 15 23 00-0297	MLF		2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,373.44	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0298	MLF		4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,952.10	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0299	MLF		6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,769.94	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0300	MLF		8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,206.08	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0301	MLF		12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,433.97	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0302	MLF		18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,713.86	653.15
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0303	MLF		24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	23,159.87	653.15
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0304	MLF		36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	25,552.47	653.15
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0305	MLF		48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	40,870.74	653.15
			For Work In Restricted Working Space, Add	*326.57*	

27 15 23 00-0306 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*

27 15 23 00-0307	MLF		2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,643.73	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0308	MLF		4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,301.33	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0309	MLF		6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,260.06	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0310	MLF		8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,768.00	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0311	MLF		12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,107.29	580.58
			For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0312	MLF		18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,645.13	653.15
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0313	MLF		24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	24,263.44	653.15
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0314	MLF		36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	26,775.66	653.15
			For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0315	MLF		48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	42,859.85	653.15
			For Work In Restricted Working Space, Add	*326.57*	

27 15 23 00-0316 Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0001)*

Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.

27 15 23 00-0317 Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0316)*

27 15 23 00-0318	MLF		6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,441.28	435.43

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0319	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,409.04	435.43
27 15 23 00-0320	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	5,509.86	508.01
27 15 23 00-0321	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	8,654.87	508.01
27 15 23 00-0322		Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0316)*		
27 15 23 00-0323	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,709.01	435.43
27 15 23 00-0324	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,446.71	435.43
27 15 23 00-0325	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	6,529.72	508.01
27 15 23 00-0326	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	11,224.76	508.01
27 15 23 00-0327		Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0001)* Note: Singlemode and multimode combination cable. For non-conduit installations such as cable trays, surface runways, etc.		
27 15 23 00-0328		Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0327)*		
27 15 23 00-0329	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,683.18	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0330	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,650.94	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0331	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	5,751.76	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0332	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	8,896.77	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0333		Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0327)*		
27 15 23 00-0334	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,950.91	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0335	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,688.61	580.58
		For Work In Restricted Working Space, Add	*290.29*	
27 15 23 00-0336	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	6,771.62	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0337	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	11,466.66	653.15
		For Work In Restricted Working Space, Add	*326.57*	
27 15 23 00-0338		Outdoor Fiber Optic Cable *(27 15 23)* Note: Cable buried in trench excludes excavation.		
27 15 23 00-0339		Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0338)* Note: Excludes conduit or innerduct.		
27 15 23 00-0340		Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0339)*		
27 15 23 00-0341		Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*		
27 15 23 00-0342	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,975.78	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*256.12*	
27 15 23 00-0343	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,007.67	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*258.24*	
27 15 23 00-0344	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,039.60	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*260.29*	
27 15 23 00-0345	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,071.50	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*262.79*	
27 15 23 00-0346	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,134.91	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*237.79*	
27 15 23 00-0347	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,264.60	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*264.93*	
27 15 23 00-0348	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,331.27	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*208.56*	
27 15 23 00-0349	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,351.83	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*243.78*	
27 15 23 00-0350	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,733.38	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*268.20*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0351	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,943.73	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*268.17*	
27 15 23 00-0352	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,216.64	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*316.96*	
27 15 23 00-0353	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,697.10	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*304.31*	
27 15 23 00-0354	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,222.07	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*369.52*	
27 15 23 00-0355	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,771.51	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*247.36*	

27 15 23 00-0356 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*

27 15 23 00-0357	MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,894.44	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*-4.29*	
27 15 23 00-0358	MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,976.34	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*42.92*	
27 15 23 00-0359	MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,147.94	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*111.11*	
27 15 23 00-0360	MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,381.94	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*-67.54*	
27 15 23 00-0361	MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,479.44	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*-35.94*	
27 15 23 00-0362	MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,810.94	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*-16.98*	
27 15 23 00-0363	MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,512.94	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*-91.84*	
27 15 23 00-0364	MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,546.44	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*-0.21*	
27 15 23 00-0365	MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,696.94	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*-210.00*	
27 15 23 00-0366	MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,496.44	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*-105.71*	
27 15 23 00-0367	MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,529.94	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*483.95*	
27 15 23 00-0368	MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,928.44	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*-217.61*	
27 15 23 00-0369	MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	13,307.44	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*-290.98*	
27 15 23 00-0370	MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	15,686.44	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*-345.90*	

27 15 23 00-0371 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*

27 15 23 00-0372	MLF	2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,754.53	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*109.53*	
27 15 23 00-0373	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,859.84	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*117.46*	
27 15 23 00-0374	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,964.98	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*125.19*	
27 15 23 00-0375	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,094.87	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*142.53*	
27 15 23 00-0376	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,280.88	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*148.62*	
27 15 23 00-0377	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,609.75	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*158.40*	
27 15 23 00-0378	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,921.28	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*182.15*	
27 15 23 00-0379	MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,517.51	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*202.42*	
27 15 23 00-0380	MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,214.88	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*232.74*	
27 15 23 00-0381	MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,858.99	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*250.44*	
27 15 23 00-0382	MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,538.83	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*283.46*	
27 15 23 00-0383	MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,913.81	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*318.71*	
27 15 23 00-0384	MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,310.86	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*361.70*	
27 15 23 00-0385	MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	9,729.48	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*332.24*	

27 15 23 00-0386 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0339)*

27 15 23 00-0387 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

27 15 23 00-0388	MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,158.38	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*202.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0389	MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,220.56	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*290.50*	
27 15 23 00-0390	MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,239.22	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*278.41*	
27 15 23 00-0391	MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,313.71	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*231.76*	
27 15 23 00-0392	MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,336.95	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*277.00*	
27 15 23 00-0393	MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,441.34	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*262.71*	
27 15 23 00-0394	MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,534.93	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*265.83*	
27 15 23 00-0395	MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,684.24	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*337.10*	
27 15 23 00-0396	MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,894.59	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*341.50*	
27 15 23 00-0397	MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,104.12	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*353.79*	
27 15 23 00-0398	MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,388.20	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*304.32*	
27 15 23 00-0399	MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,847.71	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*396.88*	
27 15 23 00-0400	MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,448.87	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*390.80*	
27 15 23 00-0401	MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,940.81	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*312.17*	

27 15 23 00-0402 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

27 15 23 00-0403	MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,368.00	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*286.42*	
27 15 23 00-0404	MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,585.68	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*160.40*	
27 15 23 00-0405	MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,872.11	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*34.37*	
27 15 23 00-0406	MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,009.59	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*57.28*	
27 15 23 00-0407	MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,147.08	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*57.28*	
27 15 23 00-0408	MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,467.87	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*68.74*	
27 15 23 00-0409	MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,754.30	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*263.51*	
27 15 23 00-0410	MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,372.98	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*515.56*	
27 15 23 00-0411	MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,991.65	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*859.28*	
27 15 23 00-0412	MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,507.22	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*945.20*	
27 15 23 00-0413	MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,183.18	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,202.98*	
27 15 23 00-0414	MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,592.39	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,775.84*	
27 15 23 00-0415	MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,302.73	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,340.47*	
27 15 23 00-0416	MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,124.39	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*3,265.24*	

27 15 23 00-0417 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

27 15 23 00-0418	MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,825.64	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*137.48*	
27 15 23 00-0419	MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,928.75	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*148.62*	
27 15 23 00-0420	MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,031.69	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*159.74*	
27 15 23 00-0421	MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,134.81	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*170.86*	
27 15 23 00-0422	MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,401.91	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*183.77*	
27 15 23 00-0423	MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,663.83	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*215.35*	
27 15 23 00-0424	MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,984.78	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*233.91*	
27 15 23 00-0425	MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,605.99	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*289.00*	
27 15 23 00-0426	MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,238.81	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*331.12*	
27 15 23 00-0427	MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,873.82	870.86
		For Corrugated Coated Steel Tape Armored Cable, Add	*368.72*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0428	MLF		72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,541.52	870.86
			For Corrugated Coated Steel Tape Armored Cable, Add	*411.18*	
27 15 23 00-0429	MLF		96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,896.45	870.86
			For Corrugated Coated Steel Tape Armored Cable, Add	*484.83*	
27 15 23 00-0430	MLF		120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,645.29	870.86
			For Corrugated Coated Steel Tape Armored Cable, Add	*501.20*	
27 15 23 00-0431	MLF		144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	9,670.18	870.86
			For Corrugated Coated Steel Tape Armored Cable, Add	*517.40*	

27 15 23 00-0432 Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0338)*

Note: Excludes trenching.

27 15 23 00-0433 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0432)*

27 15 23 00-0434 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*

27 15 23 00-0435	MLF		2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,854.83	
			For Corrugated Coated Steel Tape Armored Cable, Add	*256.12*	
27 15 23 00-0436	MLF		4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,886.72	
			For Corrugated Coated Steel Tape Armored Cable, Add	*258.24*	
27 15 23 00-0437	MLF		6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,918.65	
			For Corrugated Coated Steel Tape Armored Cable, Add	*260.29*	
27 15 23 00-0438	MLF		8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,950.55	
			For Corrugated Coated Steel Tape Armored Cable, Add	*262.79*	
27 15 23 00-0439	MLF		12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,013.96	
			For Corrugated Coated Steel Tape Armored Cable, Add	*237.79*	
27 15 23 00-0440	MLF		18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,143.65	
			For Corrugated Coated Steel Tape Armored Cable, Add	*264.93*	
27 15 23 00-0441	MLF		24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,210.32	
			For Corrugated Coated Steel Tape Armored Cable, Add	*208.56*	
27 15 23 00-0442	MLF		36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,230.88	
			For Corrugated Coated Steel Tape Armored Cable, Add	*243.78*	
27 15 23 00-0443	MLF		48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,612.43	
			For Corrugated Coated Steel Tape Armored Cable, Add	*268.20*	
27 15 23 00-0444	MLF		60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,090.95	
			For Corrugated Coated Steel Tape Armored Cable, Add	*268.17*	
27 15 23 00-0445	MLF		72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,412.65	
			For Corrugated Coated Steel Tape Armored Cable, Add	*316.96*	
27 15 23 00-0446	MLF		96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,576.15	
			For Corrugated Coated Steel Tape Armored Cable, Add	*304.31*	
27 15 23 00-0447	MLF		120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,101.12	
			For Corrugated Coated Steel Tape Armored Cable, Add	*369.52*	
27 15 23 00-0448	MLF		144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,650.56	
			For Corrugated Coated Steel Tape Armored Cable, Add	*247.36*	

27 15 23 00-0449 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*

27 15 23 00-0450	MLF		2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,773.49	
			For Corrugated Coated Steel Tape Armored Cable, Add	*-4.29*	
27 15 23 00-0451	MLF		4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,855.39	
			For Corrugated Coated Steel Tape Armored Cable, Add	*42.92*	
27 15 23 00-0452	MLF		6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,026.99	
			For Corrugated Coated Steel Tape Armored Cable, Add	*111.11*	
27 15 23 00-0453	MLF		8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,260.99	
			For Corrugated Coated Steel Tape Armored Cable, Add	*-67.54*	
27 15 23 00-0454	MLF		12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,358.49	
			For Corrugated Coated Steel Tape Armored Cable, Add	*-35.94*	
27 15 23 00-0455	MLF		18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,689.99	
			For Corrugated Coated Steel Tape Armored Cable, Add	*-16.98*	
27 15 23 00-0456	MLF		24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,391.99	
			For Corrugated Coated Steel Tape Armored Cable, Add	*-91.84*	
27 15 23 00-0457	MLF		36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,425.49	
			For Corrugated Coated Steel Tape Armored Cable, Add	*-0.21*	
27 15 23 00-0458	MLF		48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,575.99	
			For Corrugated Coated Steel Tape Armored Cable, Add	*-210.00*	
27 15 23 00-0459	MLF		60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,375.49	
			For Corrugated Coated Steel Tape Armored Cable, Add	*-105.71*	
27 15 23 00-0460	MLF		72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,408.99	
			For Corrugated Coated Steel Tape Armored Cable, Add	*483.95*	
27 15 23 00-0461	MLF		96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,807.49	
			For Corrugated Coated Steel Tape Armored Cable, Add	*-217.61*	
27 15 23 00-0462	MLF		120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	13,186.49	
			For Corrugated Coated Steel Tape Armored Cable, Add	*-290.98*	
27 15 23 00-0463	MLF		144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	15,565.49	
			For Corrugated Coated Steel Tape Armored Cable, Add	*-345.90*	

27 15 23 00-0464 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*

27 15 23 00-0465	MLF		2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,633.58	
			For Corrugated Coated Steel Tape Armored Cable, Add	*109.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0466	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,738.89	
		For Corrugated Coated Steel Tape Armored Cable, Add	*117.46*	
27 15 23 00-0467	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,844.03	
		For Corrugated Coated Steel Tape Armored Cable, Add	*125.19*	
27 15 23 00-0468	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,973.92	
		For Corrugated Coated Steel Tape Armored Cable, Add	*142.53*	
27 15 23 00-0469	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,159.93	
		For Corrugated Coated Steel Tape Armored Cable, Add	*148.62*	
27 15 23 00-0470	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,488.80	
		For Corrugated Coated Steel Tape Armored Cable, Add	*158.40*	
27 15 23 00-0471	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,800.33	
		For Corrugated Coated Steel Tape Armored Cable, Add	*182.15*	
27 15 23 00-0472	MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,396.56	
		For Corrugated Coated Steel Tape Armored Cable, Add	*202.42*	
27 15 23 00-0473	MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,093.93	
		For Corrugated Coated Steel Tape Armored Cable, Add	*232.74*	
27 15 23 00-0474	MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,738.04	
		For Corrugated Coated Steel Tape Armored Cable, Add	*250.44*	
27 15 23 00-0475	MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,417.88	
		For Corrugated Coated Steel Tape Armored Cable, Add	*283.46*	
27 15 23 00-0476	MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,792.86	
		For Corrugated Coated Steel Tape Armored Cable, Add	*318.71*	
27 15 23 00-0477	MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,189.91	
		For Corrugated Coated Steel Tape Armored Cable, Add	*361.70*	
27 15 23 00-0478	MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	9,608.53	
		For Corrugated Coated Steel Tape Armored Cable, Add	*332.24*	

27 15 23 00-0479 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0432)*

27 15 23 00-0480 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

27 15 23 00-0481	MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,037.43	
		For Corrugated Coated Steel Tape Armored Cable, Add	*202.40*	
27 15 23 00-0482	MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,099.61	
		For Corrugated Coated Steel Tape Armored Cable, Add	*290.50*	
27 15 23 00-0483	MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,118.27	
		For Corrugated Coated Steel Tape Armored Cable, Add	*278.41*	
27 15 23 00-0484	MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,192.76	
		For Corrugated Coated Steel Tape Armored Cable, Add	*231.76*	
27 15 23 00-0485	MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,216.00	
		For Corrugated Coated Steel Tape Armored Cable, Add	*277.00*	
27 15 23 00-0486	MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,320.39	
		For Corrugated Coated Steel Tape Armored Cable, Add	*262.71*	
27 15 23 00-0487	MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,413.98	
		For Corrugated Coated Steel Tape Armored Cable, Add	*265.83*	
27 15 23 00-0488	MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,563.29	
		For Corrugated Coated Steel Tape Armored Cable, Add	*337.10*	
27 15 23 00-0489	MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,773.64	
		For Corrugated Coated Steel Tape Armored Cable, Add	*341.50*	
27 15 23 00-0490	MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,983.17	
		For Corrugated Coated Steel Tape Armored Cable, Add	*353.79*	
27 15 23 00-0491	MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,267.25	
		For Corrugated Coated Steel Tape Armored Cable, Add	*304.32*	
27 15 23 00-0492	MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,726.76	
		For Corrugated Coated Steel Tape Armored Cable, Add	*396.88*	
27 15 23 00-0493	MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,327.92	
		For Corrugated Coated Steel Tape Armored Cable, Add	*390.80*	
27 15 23 00-0494	MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,819.86	
		For Corrugated Coated Steel Tape Armored Cable, Add	*312.17*	

27 15 23 00-0495 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

27 15 23 00-0496	MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,247.05	
		For Corrugated Coated Steel Tape Armored Cable, Add	*286.42*	
27 15 23 00-0497	MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,464.73	
		For Corrugated Coated Steel Tape Armored Cable, Add	*160.40*	
27 15 23 00-0498	MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,751.16	
		For Corrugated Coated Steel Tape Armored Cable, Add	*34.37*	
27 15 23 00-0499	MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,888.64	
		For Corrugated Coated Steel Tape Armored Cable, Add	*57.28*	
27 15 23 00-0500	MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,026.13	
		For Corrugated Coated Steel Tape Armored Cable, Add	*57.28*	
27 15 23 00-0501	MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,346.92	
		For Corrugated Coated Steel Tape Armored Cable, Add	*68.74*	
27 15 23 00-0502	MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,633.35	
		For Corrugated Coated Steel Tape Armored Cable, Add	*263.51*	
27 15 23 00-0503	MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,252.03	
		For Corrugated Coated Steel Tape Armored Cable, Add	*515.56*	
27 15 23 00-0504	MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,870.70	
		For Corrugated Coated Steel Tape Armored Cable, Add	*859.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0505	MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,386.27	
		For Corrugated Coated Steel Tape Armored Cable, Add	*945.20*	
27 15 23 00-0506	MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,062.23	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,202.98*	
27 15 23 00-0507	MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,471.44	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,775.84*	
27 15 23 00-0508	MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,181.78	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,340.47*	
27 15 23 00-0509	MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,003.44	
		For Corrugated Coated Steel Tape Armored Cable, Add	*3,265.24*	

27 15 23 00-0510 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

27 15 23 00-0511	MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,704.69	
		For Corrugated Coated Steel Tape Armored Cable, Add	*137.48*	
27 15 23 00-0512	MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,807.80	
		For Corrugated Coated Steel Tape Armored Cable, Add	*148.62*	
27 15 23 00-0513	MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,910.74	
		For Corrugated Coated Steel Tape Armored Cable, Add	*159.74*	
27 15 23 00-0514	MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,013.86	
		For Corrugated Coated Steel Tape Armored Cable, Add	*170.86*	
27 15 23 00-0515	MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,280.96	
		For Corrugated Coated Steel Tape Armored Cable, Add	*183.77*	
27 15 23 00-0516	MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,542.88	
		For Corrugated Coated Steel Tape Armored Cable, Add	*215.35*	
27 15 23 00-0517	MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,863.83	
		For Corrugated Coated Steel Tape Armored Cable, Add	*233.91*	
27 15 23 00-0518	MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,485.04	
		For Corrugated Coated Steel Tape Armored Cable, Add	*289.00*	
27 15 23 00-0519	MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,117.86	
		For Corrugated Coated Steel Tape Armored Cable, Add	*331.12*	
27 15 23 00-0520	MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,752.87	
		For Corrugated Coated Steel Tape Armored Cable, Add	*368.72*	
27 15 23 00-0521	MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,420.57	
		For Corrugated Coated Steel Tape Armored Cable, Add	*411.18*	
27 15 23 00-0522	MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,775.50	
		For Corrugated Coated Steel Tape Armored Cable, Add	*484.83*	
27 15 23 00-0523	MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,219.05	
		For Corrugated Coated Steel Tape Armored Cable, Add	*501.20*	
27 15 23 00-0524	MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	9,549.23	
		For Corrugated Coated Steel Tape Armored Cable, Add	*517.40*	

27 15 23 00-0525 (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0338)*

27 15 23 00-0526 Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0525)*

27 15 23 00-0527 Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0526)*

27 15 23 00-0528	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,345.90	3,245.88
		For Corrugated Coated Steel Tape Armored Cable, Add	*171.31*	
27 15 23 00-0529	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,377.58	3,245.88
		For Corrugated Coated Steel Tape Armored Cable, Add	*175.74*	
27 15 23 00-0530	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,409.68	3,245.88
		For Corrugated Coated Steel Tape Armored Cable, Add	*180.06*	
27 15 23 00-0531	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,441.37	3,245.88
		For Corrugated Coated Steel Tape Armored Cable, Add	*176.61*	
27 15 23 00-0532	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,504.77	3,245.88
		For Corrugated Coated Steel Tape Armored Cable, Add	*205.89*	
27 15 23 00-0533	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,629.95	3,245.88
		For Corrugated Coated Steel Tape Armored Cable, Add	*214.05*	
27 15 23 00-0534	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,725.42	3,245.88
		For Corrugated Coated Steel Tape Armored Cable, Add	*236.59*	
27 15 23 00-0535	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,952.40	3,245.88
		For Corrugated Coated Steel Tape Armored Cable, Add	*226.85*	
27 15 23 00-0536	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,150.91	3,245.88
		For Corrugated Coated Steel Tape Armored Cable, Add	*263.55*	
27 15 23 00-0537	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,315.01	3,245.88
		For Corrugated Coated Steel Tape Armored Cable, Add	*252.72*	
27 15 23 00-0538	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,519.71	3,245.88
		For Corrugated Coated Steel Tape Armored Cable, Add	*288.93*	
27 15 23 00-0539	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	11,056.96	3,245.88
		For Corrugated Coated Steel Tape Armored Cable, Add	*293.46*	
27 15 23 00-0540	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	11,633.37	3,245.88
		For Corrugated Coated Steel Tape Armored Cable, Add	*350.17*	
27 15 23 00-0541	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	11,771.56	3,245.88
		For Corrugated Coated Steel Tape Armored Cable, Add	*376.01*	

27 15 23 00-0542 Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0338)*

Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0543		Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0542)*		
27 15 23 00-0544	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	3,664.63	725.72
27 15 23 00-0545	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,592.20	725.72
27 15 23 00-0546	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	6,658.51	725.72
27 15 23 00-0547		Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0542)*		
27 15 23 00-0548	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,847.71	725.72
27 15 23 00-0549	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,374.83	725.72
27 15 23 00-0550	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	7,680.62	725.72
27 15 23 00-0551		Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0338)* Note: Singlemode and multimode combination cable. Excludes trenching.		
27 15 23 00-0552		Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0551)*		
27 15 23 00-0553	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	3,543.68	665.24
27 15 23 00-0554	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,471.25	665.24
27 15 23 00-0555	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	6,537.56	665.24
27 15 23 00-0556		Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0551)*		
27 15 23 00-0557	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,726.76	665.24
27 15 23 00-0558	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	5,253.88	665.24
27 15 23 00-0559	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	7,559.67	665.24
27 15 33		**Communications Coaxial Horizontal Cabling** *(27 15)* Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 33 00-0001		Indoor Coaxial Cable *(27 15 33)*		
27 15 33 00-0002		Coaxial, Indoor Telecommunications Cable *(27 15 33 00-0001)*		
27 15 33 00-0003		Coaxial, Indoor Telecommunications Cable, Installed In Conduit *(27 15 33 00-0002)*		
27 15 33 00-0004	MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108)	1,325.79	508.01
27 15 33 00-0005	MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108)	2,692.38	508.01
27 15 33 00-0006	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114)	1,198.33	580.58
27 15 33 00-0007	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120)	3,351.64	580.58
27 15 33 00-0008		Coaxial, Indoor Telecommunications Cable, Installed Exposed *(27 15 33 00-0002)*		
27 15 33 00-0009	MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108)	2,172.45	1,016.01
		For Work In Restricted Working Space, Add	*508.00*	
27 15 33 00-0010	MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108)	3,539.04	1,016.01
		For Work In Restricted Working Space, Add	*508.00*	
27 15 33 00-0011	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114)	2,165.96	1,161.15
		For Work In Restricted Working Space, Add	*580.58*	
27 15 33 00-0012	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120)	4,319.27	1,161.15
		For Work In Restricted Working Space, Add	*580.58*	
27 15 33 00-0013		Coaxial Distribution Cable *(27 15 33 00-0001)* Note: Cables shall be as Belden, Times Fiber, West Penn or approved equal. For tasks installed in conduit, tasks exclude conduit.		
27 15 33 00-0014	MLF	RG-6/U Coaxial Distribution Cable, Installed In Conduit	1,989.53	353.61
27 15 33 00-0015	MLF	RG-6A/U Coaxial Distribution Cable, Installed In Conduit	6,586.54	353.61
27 15 33 00-0016	MLF	RG-8/U Coaxial Distribution Cable, Installed In Conduit	3,622.06	373.50
27 15 33 00-0017	MLF	RG-8A/U Coaxial Distribution Cable, Installed In Conduit	4,485.58	373.50
27 15 33 00-0018	MLF	RG-11/U Coaxial Distribution Cable, Installed In Conduit	4,078.53	442.01
27 15 33 00-0019	MLF	RG-11A/U Coaxial Distribution Cable, Installed In Conduit	5,748.50	442.01
27 15 33 00-0020	MLF	RG-11/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	12,160.97	618.82
27 15 33 00-0021	MLF	RG-58/U Coaxial Distribution Cable, Installed In Conduit	1,506.69	309.41
27 15 33 00-0022	MLF	RG-58A/U Coaxial Distribution Cable, Installed In Conduit	1,677.81	309.41
27 15 33 00-0023	MLF	RG-58C/U Coaxial Distribution Cable, Installed In Conduit	1,979.23	309.41
27 15 33 00-0024	MLF	RG-58/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	4,721.62	618.82
27 15 33 00-0025	MLF	RG-59/U Coaxial Distribution Cable, Installed In Conduit	2,306.11	309.41
27 15 33 00-0026	MLF	RG-59/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	5,618.47	618.82
27 15 33 00-0027	MLF	1/2" Hard Line Coaxial, Installed In Conduit	2,079.47	442.01

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 33 00-0028			Outdoor Coaxial Cable *(27 15 33)*		
27 15 33 00-0029			Coaxial Cables "Television" Copper Covered Aluminum Center Core *(27 15 33 00-0028)*		
			Note: Corrugated steel armor jacket.		
	27 15 33 00-0030	MLF	TV Coaxial Trunk Cable 3/4" Diameter, Direct Burial	6,038.82	1,654.47
	27 15 33 00-0031	MLF	TV Coaxial Distribution Cable 1/2" Diameter, Direct Burial	3,885.33	1,163.72
	27 15 33 00-0032	MLF	TV Coaxial Distribution Cable 3/8" Diameter, Direct Burial	3,091.01	686.57
	27 15 33 00-0033	MLF	TV Coaxial Cable Drop 1/4" Diameter, Direct Burial	1,892.39	686.57
	27 15 33 00-0034	MLF	1/4" Diameter, TV Coaxial Cable Drop, Installed In Conduit	2,857.92	1,072.77
27 15 43			**Communications Faceplates and Connectors** *(27 15)*		
27 15 43 00-0001			Wall Mounted Telephone Faceplates *(27 15 43)*		
			Note: Includes standard telephone mounting studs.		
27 15 43 00-0002			Plastic Faceplates For Wall Mounted Telephones *(27 15 43 00-0001)*		
	27 15 43 00-0003	EA	Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones	42.75	15.12
27 15 43 00-0004			Stainless Steel Faceplates For Wall Mounted Telephones *(27 15 43 00-0001)*		
	27 15 43 00-0005	EA	Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	34.94	6.04
			Note: Requires one snap-in modular jack.		
	27 15 43 00-0006	EA	Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	61.09	15.12
	27 15 43 00-0007	EA	Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	71.14	18.14
	27 15 43 00-0008	EA	Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	33.60	6.04
			Note: Requires one snap-in modular jack.		
	27 15 43 00-0009	EA	Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	55.45	15.12
	27 15 43 00-0010	EA	Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	65.65	18.14
27 15 43 00-0011			Plastic Communications Faceplates *(27 15 43)*		
			Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.		
	27 15 43 00-0012	EA	One Port, Single Gang, Plastic Communication Faceplate With Station ID	9.72	3.03
	27 15 43 00-0013	EA	Two Port, Single Gang, Plastic Communication Faceplate With Station ID	9.72	3.03
	27 15 43 00-0014	EA	Three Port, Single Gang, Plastic Communication Faceplate With Station ID	9.72	3.03
	27 15 43 00-0015	EA	Four Port, Single Gang, Plastic Communication Faceplate With Station ID	9.72	3.03
	27 15 43 00-0016	EA	Six Port, Single Gang, Plastic Communication Faceplate With Station ID	9.72	3.03
	27 15 43 00-0017	EA	Four Port, Double Gang, Plastic Communications Faceplate With Station ID	16.54	3.03
	27 15 43 00-0018	EA	Six Port, Double Gang, Plastic Communication Faceplate With Station ID	16.54	3.03
	27 15 43 00-0019	EA	Eight Port, Double Gang, Plastic Communication Faceplate With Station ID	16.54	3.03
	27 15 43 00-0020	EA	Nine Port, Double Gang, Plastic Communication Faceplate With Station ID	16.54	3.03
	27 15 43 00-0021	EA	Twelve Port, Double Gang, Plastic Communication Faceplate With Station ID	16.54	3.03
27 15 43 00-0022			Stainless Steel Communications Faceplates *(27 15 43)*		
			Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.		
27 15 43 00-0023			Stainless Steel Communications Faceplates *(27 15 43 00-0022)*		
	27 15 43 00-0024	EA	One Port, Single Gang, Stainless Steel Communications Faceplate	18.61	3.03
	27 15 43 00-0025	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate	18.61	3.03
	27 15 43 00-0026	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate	18.61	3.03
	27 15 43 00-0027	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate	19.92	3.03
	27 15 43 00-0028	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate	19.92	3.03
	27 15 43 00-0029	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate	26.93	3.03
	27 15 43 00-0030	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate	27.75	3.03
	27 15 43 00-0031	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate	32.15	3.03
	27 15 43 00-0032	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate	32.15	3.03
	27 15 43 00-0033	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate	32.15	3.03
27 15 43 00-0034			Stainless Steel Communications Faceplates With Station ID *(27 15 43 00-0022)*		
	27 15 43 00-0035	EA	One Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	26.77	3.03
	27 15 43 00-0036	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	26.77	3.03
	27 15 43 00-0037	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	26.77	3.03
	27 15 43 00-0038	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	26.77	3.03
	27 15 43 00-0039	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	26.77	3.03
	27 15 43 00-0040	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	57.93	3.03
	27 15 43 00-0041	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	57.93	3.03
	27 15 43 00-0042	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	57.93	3.03
	27 15 43 00-0043	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate With Station ID	57.93	3.03
	27 15 43 00-0044	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	57.93	3.03
27 15 43 00-0045			Surface Mount Plastic Communication Boxes *(27 15 43)*		
			Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.		
	27 15 43 00-0046	EA	One Port, Surface Mount Plastic Communication Box With Station ID	34.94	15.15
	27 15 43 00-0047	EA	Two Port, Surface Mount Plastic Communication Box With Station ID	35.75	15.15
	27 15 43 00-0048	EA	Four Port, Surface Mount Plastic Communication Box With Station ID	41.38	15.15
	27 15 43 00-0049	EA	Six Port, Surface Mount Plastic Communication Box With Station ID	48.07	15.15
	27 15 43 00-0050	EA	Twelve Port, Surface Mount Plastic Communication Box With Station ID	55.09	15.15

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 43 00-0051		Snap-In Modular Jacks *(27 15 43)*		
		Note: Includes termination.		
27 15 43 00-0052	EA	Cat 3, Snap-In Modular Jack	33.53	12.12
27 15 43 00-0053	EA	Category 5E, Snap-In Modular Jack	35.32	12.12
27 15 43 00-0054	EA	Category 5E Shielded, Snap-In Modular Jack	40.71	12.12
27 15 43 00-0055	EA	Cat 6, Snap-In Modular Jack	40.71	12.12
27 15 43 00-0056	EA	Cat 6 Shielded, Snap-In Modular Jack	46.74	12.12
27 15 43 00-0057	EA	Cat 6A, Snap-In Modular Jack	47.66	12.12
27 15 43 00-0058	EA	Voice, RJ-11, Snap-In Modular Jack	24.15	6.05
27 15 43 00-0059	EA	SC Type Fiber Optic, Snap-In Modular Jack	37.61	12.12
27 15 43 00-0060	EA	ST Type Fiber Optic, Snap-In Modular Jack	42.17	12.12
27 15 43 00-0061	EA	LC Type Fiber Optic, Snap-In Modular Jack	51.15	12.12
27 15 43 00-0062	EA	Blank Fill In, Snap-In Modular Jack	6.90	3.03
27 15 43 00-0063	EA	Open Cable Pass Through Insert, Snap-In Modular Jack	8.17	3.03
27 15 43 00-0064	EA	Coaxial F-Type Coupler, Snap-In Modular Jack	28.12	9.08
		Note: Includes female to female connection.		
		For Gold Bulkhead, Add	*1.74*	
27 15 43 00-0065	EA	RCA Jack Pass-Through Coupler, Snap-In Modular Jack	28.45	9.08
		Note: Includes female to female connection.		
27 15 43 00-0066	EA	RCA Solder Coupler, Snap-In Modular Jack	56.13	12.12
27 15 43 00-0067	EA	RCA Jack With 110 Punch Down, Snap-In Modular Jack	69.34	12.12
27 15 43 00-0068	EA	3.5 m Mini Stereo Jack, Snap-In Modular Jack	34.83	12.12
27 15 43 00-0069	EA	MT-RJ Pass-Through Coupler, Snap-In Modular Jack	37.37	6.05
27 15 43 00-0070	EA	BNC Connector, Snap-In Modular Jack	40.22	12.12
27 15 43 00-0071	EA	S-Video With 110 Punch Down, Snap-In Modular Jack	45.11	12.12
27 15 43 00-0072	PR	Speaker Connectors, Snap-In Modular Jack	61.93	18.17
		Note: Includes a pair of binding posts, banana jacks or spring clip connectors. Requires two open ports.		
27 15 43 00-0073	EA	USB Audio Video Connector, Snap-In Modular Jack	67.62	12.12

27 15 53 Communications Cable Innerduct *(27 15)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 53 00-0001 Indoor Innerduct *(27 15 53)*

27 15 53 00-0002 Indoor Innerduct, Installed In Conduit *(27 15 53 00-0001)*

27 15 53 00-0003 Riser Rated, Indoor Innerduct, Installed In Conduit *(27 15 53 00-0002)*

27 15 53 00-0004	MLF	1" Riser Rated, Indoor Innerduct, Installed In Conduit	4,774.41	1,814.30
27 15 53 00-0005	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed In Conduit	6,178.97	2,419.06
27 15 53 00-0006	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit	8,217.38	3,023.83
27 15 53 00-0007	MLF	2" Riser Rated, Indoor Innerduct, Installed In Conduit	9,597.56	3,628.60

27 15 53 00-0008 Plenum Rated, Indoor Innerduct, Installed In Conduit *(27 15 53 00-0002)*

27 15 53 00-0009	MLF	3/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	7,063.58	1,209.53
27 15 53 00-0010	MLF	1" Plenum Rated, Indoor Innerduct, Installed In Conduit	7,911.93	1,814.30
27 15 53 00-0011	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	9,996.36	2,419.06
27 15 53 00-0012	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed In Conduit	12,846.31	3,023.83
27 15 53 00-0013	MLF	2" Plenum Rated, Indoor Innerduct, Installed In Conduit	15,459.32	3,628.60

27 15 53 00-0014 Indoor Innerduct, Installed Exposed *(27 15 53 00-0001)*

27 15 53 00-0015 Riser Rated, Indoor Innerduct, Installed Exposed *(27 15 53 00-0014)*

27 15 53 00-0016	MLF	1" Riser Rated, Indoor Innerduct, Installed Exposed	5,983.94	2,419.06
		For Work In Restricted Working Space, Add	*1,451.44*	
27 15 53 00-0017	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed Exposed	7,388.50	3,023.83
		For Work In Restricted Working Space, Add	*1,814.30*	
27 15 53 00-0018	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed Exposed	9,426.91	3,628.60
		For Work In Restricted Working Space, Add	*2,177.16*	
27 15 53 00-0019	MLF	2" Riser Rated, Indoor Innerduct, Installed Exposed	10,807.08	4,233.36
		For Work In Restricted Working Space, Add	*2,540.01*	

27 15 53 00-0020 Plenum Rated, Indoor Innerduct, Installed Exposed *(27 15 53 00-0014)*

27 15 53 00-0021	MLF	3/4" Plenum Rated, Indoor Innerduct, Installed Exposed	8,273.11	1,814.30
27 15 53 00-0022	MLF	1" Plenum Rated, Indoor Innerduct, Installed Exposed	9,121.46	2,419.06
		For Work In Restricted Working Space, Add	*1,451.44*	
27 15 53 00-0023	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed Exposed	11,205.89	3,023.83
		For Work In Restricted Working Space, Add	*1,814.30*	
27 15 53 00-0024	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed Exposed	14,055.84	3,628.60
		For Work In Restricted Working Space, Add	*2,177.16*	
27 15 53 00-0025	MLF	2" Plenum Rated, Indoor Innerduct, Installed Exposed	16,668.84	4,233.36
		For Work In Restricted Working Space, Add	*2,540.01*	

27 15 53 00-0026 Outdoor Innerduct *(27 15 53)*

27 15 53 00-0027 Outdoor Innerduct, Installed In Conduit *(27 15 53 00-0026)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 53 00-0028	MLF	1" Outdoor Innerduct, Installed In Conduit	4,481.86	1,814.30
27 15 53 00-0029	MLF	1-1/4" Outdoor Innerduct, Installed In Conduit	5,747.57	2,419.06
27 15 53 00-0030	MLF	1-1/2" Outdoor Innerduct, Installed In Conduit	7,345.10	3,023.83
27 15 53 00-0031	MLF	2" Outdoor Innerduct, Installed In Conduit	8,772.09	3,628.60
27 15 53 00-0032		Outdoor Innerduct, Buried In Trench *(27 15 53 00-0026)*		
27 15 53 00-0033	MLF	1" Outdoor Innerduct, Buried In Trench	3,272.32	
27 15 53 00-0034	MLF	1-1/4" Outdoor Innerduct, Buried In Trench	4,538.04	
27 15 53 00-0035	MLF	1-1/2" Outdoor Innerduct, Buried In Trench	6,135.57	
27 15 53 00-0036	MLF	2" Outdoor Innerduct, Buried In Trench	7,562.56	

27 16 Communications Connecting Cords, Devices, and Adapters *(27 10)*

27 16 16 Communications Media Converters, Adapters, and Transceivers *(27 16)*

27 16 16 00-0001		Fiber Optic Receivers *(27 16 16)*		
27 16 16 00-0002	EA	Fiber Optic Receiver, Range 6.2 Miles	832.69	60.47
27 16 16 00-0003		Fiber Optic Transmitters *(27 16 16)*		
27 16 16 00-0004	EA	Fiber Optic Transmitter, Range 6.2 Miles	832.68	60.47
27 16 16 00-0005		Fiber Optic Repeaters *(27 16 16)*		
		Note: Consist of transmitter and receiver, back-to-back. Excludes power source.		
27 16 16 00-0006	EA	Fiber Optic Repeater, 6.2 Miles Transmitter And Receiver Back-Back, No Power	953.63	120.96
27 16 16 00-0007	EA	Fiber Optic Digital Repeater, 2,000 Miles Transmitter And Receiver Back-Back, No Power	1,510.27	241.91
27 16 16 00-0008		Fiber Optic Transceivers *(27 16 16)*		
27 16 16 00-0009	EA	Fiber Optic Transceivers, 3,000 Miles Range	1,027.49	241.91
27 16 16 00-0010	EA	Fiber Optic Transceivers, Digital 2,000 Miles Range	1,027.49	241.91
27 16 16 00-0011	EA	Fiber Optic Ethernet Transceiver	1,344.16	362.86
27 16 16 00-0012	EA	Transceiver (Low Cost Bi- Directional)	475.77	90.71

27 16 19 Communications Patch Cords, Station Cords, and Cross Connect Wire *(27 16)*

27 16 19 00-0001		Cross Connect Wire *(27 16 19)*		
		Note: Up to 20' length.		
27 16 19 00-0002	EA	2-Pair Cross Connect Wire	19.15	
27 16 19 00-0003	EA	3-Pair Cross Connect Wire	25.64	
27 16 19 00-0004	EA	4-Pair Cross Connect Wire	32.06	
27 16 19 00-0005		Fiber Optic Patch Cords *(27 16 19)*		
27 16 19 00-0006		Simplex Fiber Optic Patch Cables *(27 16 19 00-0005)*		
27 16 19 00-0007		Singlemode, Simplex Fiber Optic Patch Cables *(27 16 19 00-0006)*		
27 16 19 00-0008	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	53.91	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0009	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	43.81	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0010	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	56.94	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0011	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	46.12	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0012	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	53.49	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0013	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	52.67	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0014		Duplex Fiber Optic Patch Cables *(27 16 19 00-0005)*		
27 16 19 00-0015		Singlemode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*		
27 16 19 00-0016	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	94.51	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0017	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	91.66	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0018	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	101.78	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0019	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	78.96	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0020	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	93.67	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0021	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	92.06	
		For Each Additional Meter In Length, Add	*0.51*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 16 19 00-0022		**Multimode, Duplex Fiber Optic Patch Cables** *(27 16 19 00-0014)*		
27 16 19 00-0023	EA	ST To ST Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	71.17	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0024	EA	ST To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	77.77	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0025	EA	ST To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	78.44	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0026	EA	ST To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	80.56	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0027	EA	SC To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	71.45	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0028	EA	SC To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	80.94	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0029	EA	SC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	95.26	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0030	EA	MTRJ To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	65.36	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0031	EA	LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	79.70	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0032		**Fiber Optic Cable Pig Tail** *(27 16 19)*		
27 16 19 00-0033	EA	Simplex Fiber Optic Cable Pig Tail	83.62	42.33
27 16 19 00-0034	EA	Duplex Fiber Optic Cable Pig Tail	107.57	42.33
27 16 19 00-0035		**Ethernet Patch Cords** *(27 16 19)*		
27 16 19 00-0036	EA	3' Category 5E Patch Cables With Boots	14.55	
27 16 19 00-0037	EA	5' Category 5E Patch Cables With Boots	15.81	
27 16 19 00-0038	EA	7' Category 5E Patch Cables With Boots	17.08	
27 16 19 00-0039	EA	10' Category 5E Patch Cables With Boots	24.90	
27 16 19 00-0040	EA	15' Category 5E Patch Cables With Boots	31.36	
27 16 19 00-0041	EA	25' Category 5E Patch Cables With Boots	40.96	
27 16 19 00-0042	EA	3' Category 6 Patch Cables With Boots	16.05	
27 16 19 00-0043	EA	5' Category 6 Patch Cables With Boots	19.25	
27 16 19 00-0044	EA	7' Category 6 Patch Cables With Boots	19.31	
27 16 19 00-0045	EA	10' Category 6 Patch Cables With Boots	23.37	
27 16 19 00-0046	EA	15' Category 6 Patch Cables With Boots	30.89	
27 16 19 00-0047	EA	25' Category 6 Patch Cables With Boots	38.37	
27 16 19 00-0048	EA	50' Category 6 Patch Cables With Boots	59.41	
27 16 19 00-0049	EA	100' Category 6 Patch Cables With Boots	103.24	
27 16 19 00-0050	EA	3' Category 6A Patch Cables With Boots	24.69	
27 16 19 00-0051	EA	5' Category 6A Patch Cables With Boots	26.23	
27 16 19 00-0052	EA	7' Category 6A Patch Cables With Boots	27.38	
27 16 19 00-0053	EA	10' Category 6A Patch Cables With Boots	32.13	
27 16 19 00-0054	EA	15' Category 6A Patch Cables With Boots	39.39	
27 16 19 00-0055	EA	25' Category 6A Patch Cables With Boots	49.31	
27 16 19 00-0056	EA	50' Category 6A Patch Cables With Boots	71.59	
27 16 19 00-0057	EA	100' Category 6A Patch Cables With Boots	125.59	
27 16 19 00-0058	EA	3' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E03-06)	14.55	
27 16 19 00-0059	EA	5' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E05-06)	15.81	
27 16 19 00-0060	EA	7' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E07-06)	17.08	
27 16 19 00-0061	EA	10' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E10-06)	24.90	
27 16 19 00-0062	EA	15' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E15-06)	31.36	
27 16 19 00-0063	EA	25' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E25-06)	40.96	
27 16 19 00-0064	EA	3' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC603-06)	16.05	
27 16 19 00-0065	EA	5' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC605-06)	19.25	
27 16 19 00-0066	EA	7' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC607-06)	19.31	
27 16 19 00-0067	EA	10' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC610-06)	23.37	
27 16 19 00-0068	EA	15' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC615-06)	30.89	
27 16 19 00-0069	EA	25' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC625-06)	38.37	
27 16 19 00-0070	EA	3' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A03-09)	29.06	
27 16 19 00-0071	EA	5' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A05-09)	30.96	
27 16 19 00-0072	EA	7' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A07-09)	32.38	
27 16 19 00-0073	EA	10' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A10-09)	37.54	
27 16 19 00-0074	EA	15' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A15-09)	45.78	
27 16 19 00-0075	EA	25' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A25-09)	58.04	
27 16 19 00-0076	EA	3' Length, Category 6, Exterior Grade Patch Cable With Boots	59.46	
27 16 19 00-0077	EA	5' Length, Category 6, Exterior Grade Patch Cable With Boots	66.00	
27 16 19 00-0078	EA	7' Length, Category 6, Exterior Grade Patch Cable With Boots	72.54	
27 16 19 00-0079	EA	10' Length, Category 6, Exterior Grade Patch Cable With Boots	85.38	
27 16 19 00-0080	EA	15' Length, Category 6, Exterior Grade Patch Cable With Boots	104.77	
27 16 19 00-0081	EA	25' Length, Category 6, Exterior Grade Patch Cable With Boots	137.46	
27 16 19 00-0082	EA	50' Length, Category 6, Exterior Grade Patch Cable With Boots	219.21	
27 16 19 00-0083	EA	100' Length, Category 6, Exterior Grade Patch Cable With Boots	388.75	
27 16 19 00-0084	EA	3' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®) Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.	120.28	
27 16 19 00-0085	EA	5' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®) Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.	129.47	
27 16 19 00-0086	EA	7' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®) Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.	138.63	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 16 19 00-0087	EA	10' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®) Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.	147.88	
27 16 19 00-0088	EA	15' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®) Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.	159.77	
27 16 19 00-0089	EA	20' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®) Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.	168.85	

27 20 Data Communications *(27)*

27 21 Data Communications Network Equipment *(27 20)*

Note: Includes testing of new devices and certification.

27 21 16 Data Communications Routers, CSU/DSU, Multiplexers, Codecs, and Modems *(27 21)*

27 21 16 00-0001 Fiber Optic Modems *(27 21 16)*

27 21 16 00-0002	EA	Fiber Optic Modems, Range 6.2 Miles	1,670.02	241.91
27 21 16 00-0003	EA	Fiber Optic Modem, Range 3.1 Miles, 12 Channel	3,152.77	241.91

27 21 16 00-0004 Ethernet Hubs and Switches *(27 21 16)*

27 21 16 00-0005	EA	16 Port Managed Hub With Fiberport And Standard Management	3,945.53	181.73
27 21 16 00-0006	EA	16 Port Unmanaged Hub	620.45	121.16
27 21 16 00-0007	EA	12 Port, Industrial Ethernet Switch (Cisco IE-4000-4GC4GP4G-E)	5,432.62	121.16
27 21 16 00-0008	EA	Power Supply (Cisco PWR-IE170W-PC-AC)	1,608.88	60.57

27 21 16 00-0009 Network Equipment *(27 21 16)*

27 21 16 00-0010 Communications Entrance Protection *(27 21 16 00-0009)*

27 21 16 00-0011	EA	100-Pair, 5 Pin Configuration, 110 Termination, Building Entrance Terminal With Cover (Porta 24100-110-M110C) Note: Excludes terminations.	1,125.03	90.86
27 21 16 00-0012	EA	Solid State Protector Module With 4 OHM Heat Coils (CommScope 4C1S)	13.57	1.21

27 21 16 00-0013 Communications Cabinets, Racks, Frames And Enclosures *(27 21 16 00-0009)*

27 21 16 00-0014	EA	19" Width x 36" Height x 24" Depth, Wall Mounted Telecommunications Enclosure (Chatsworth 11840-736)	1,366.56	90.86
		For Fan Kit (Chatsworth 12804-701), Add	*190.33*	
27 21 16 00-0015	EA	10 Outlet, 125 Volt, 20 Amperes, Telecommunications Cabinet Power Strip (Chatsworth 13239-757)	1,249.02	6.05

27 21 16 00-0016 Communications Termination Blocks And Patch Panels *(27 21 16 00-0009)*

27 21 16 00-0017 Communications Termination Blocks *(27 21 16 00-0016)*

27 21 16 00-0018	EA	4-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058810)	338.99	18.14
27 21 16 00-0019	EA	5-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058802)	315.55	18.14
27 21 16 00-0020	EA	4-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058869)	754.93	18.14
27 21 16 00-0021	EA	5-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058851)	702.21	18.14
27 21 16 00-0022	EA	110 Connector System Mounting Brackets (CommScope 107535593)	106.98	18.14
27 21 16 00-0023	EA	110 Connector System Mounting Brackets (CommScope 107535585)	115.50	18.14
27 21 16 00-0024	EA	110 Connector System Mounting Brackets (CommScope 107098816)	131.44	18.14

27 21 16 00-0025 Communications Copper Patch Panels *(27 21 16 00-0016)*

Note: Excludes cabinet and terminations.

27 21 16 00-0026	EA	24 Port, Category 5E Patch Panel (CommScope 108208919)	336.13	39.37
27 21 16 00-0027	EA	48 Port, Category 5E Patch Panel (CommScope 108208935)	611.69	48.46
27 21 16 00-0028	EA	24 Port, Category 6 Patch Panel (CommScope 760062372)	496.71	39.37
27 21 16 00-0029	EA	48 Port, Category 6 Patch Panel (CommScope 760062380)	926.15	48.46

27 21 16 00-0030 Communications Optical Fiber Patch Panels *(27 21 16 00-0016)*

27 21 16 00-0031 Closet Connector Housings *(27 21 16 00-0030)*

27 21 16 00-0032	EA	48 Fiber Total Capacity, Closet Connector Housing (Corning CCH-01U) Note: Accepts up to 2 closet connector housing panels. Excludes panels.	491.93	24.23
27 21 16 00-0033	EA	96 Fiber Total Capacity, Closet Connector Housing (Corning CCH-02U) Note: Accepts up to 4 closet connector housing panels. Excludes panels.	575.80	24.23
27 21 16 00-0034	EA	288 Fiber Total Capacity, Closet Connector Housing (Corning CCH-04U) Note: Accepts up to 12 closet connector housing panels. Excludes panels.	720.42	24.23
27 21 16 00-0035	EA	SC Duplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-91)	120.65	12.12
27 21 16 00-0036	EA	SC Duplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-59)	163.79	12.12
27 21 16 00-0037	EA	SC Simplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-56)	135.89	12.12
27 21 16 00-0038	EA	SC Simplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-3C)	177.73	12.12

27 21 16 00-0039 Communications Cable Management *(27 21 16 00-0009)*

27 21 16 00-0040 Horizontal Communication Cable Management *(27 21 16 00-0039)*

27 21 16 00-0041	EA	1.7" Height, 19" Width, 3.7" Depth, 1 RU, Front Only, Horizontal Cable Manager (Panduit WMPFSE)	154.76	24.23
27 21 16 00-0042	EA	3-1/2" Height, 19" Width, 3.7" Depth, Horizontal Cable Manager (Panduit WMPF1E)	160.27	24.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0043		Vertical Communication Cable Management *(27 21 16 00-0039)*		
27 21 16 00-0044	EA	6" Width x 84" Height, Double-Sided Vertical Cabling Section (Chatsworth 11729-703)	957.36	60.57
27 21 16 00-0045	EA	19" Width x 84" Height, Universal Rack (Chatsworth 48353-703)	993.03	60.57
27 21 16 00-0046	EA	23" Width x 84" Height, Universal Rack (Chatsworth 48383-703)	1,073.27	60.57
27 21 16 00-0047		Communications Patch Cords, Station Cords, And Cross Connect Wire *(27 21 16 00-0009)*		
27 21 16 00-0048		Premise Cross-Connect Wire *(27 21 16 00-0047)*		
27 21 16 00-0049	LF	1-Pair, 22 AWG Premise Cross-Connect Wire (General Cable 7041973)	1.25	0.60
27 21 16 00-0050		Pathways For Communications Systems *(27 21 16 00-0009)*		
27 21 16 00-0051		Conduits And Backboxes For Communication Systems *(27 21 16 00-0050)*		
27 21 16 00-0052		Flexible Conduit For Communication Systems *(27 21 16 00-0051)*		
27 21 16 00-0053	CLF	1" Diameter, Riser Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon DF4X1C)	539.25	217.71
27 21 16 00-0054	CLF	1" Diameter, Plenum Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon CF4X1C)	827.39	217.71
27 21 16 00-0055		Tube Cables For Communication Systems *(27 21 16 00-0051)*		
27 21 16 00-0056		Outdoor/All-Dielectric Tube Cables *(27 21 16 00-0055)*		
27 21 16 00-0057	CLF	Two Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC02TOX)	425.71	145.14
27 21 16 00-0058	CLF	Seven Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC07TOX)	636.39	181.43
27 21 16 00-0059	CLF	Nineteen Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC19TOX)	1,060.93	217.71
27 21 16 00-0060		Indoor/Riser Rated Tube Cables *(27 21 16 00-0055)*		
27 21 16 00-0061	CLF	Two Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC02TRX)	489.33	145.14
27 21 16 00-0062	CLF	Four Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC04TRX)	599.08	163.28
27 21 16 00-0063	CLF	Seven Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC07TRX)	680.57	181.43
27 21 16 00-0064	CLF	Nineteen Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC19TRX)	1,260.63	217.71
27 21 16 00-0065		Indoor/Plenum Rated Tube Cables *(27 21 16 00-0055)*		
27 21 16 00-0066	CLF	Single Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC01TPX)	356.78	145.14
27 21 16 00-0067	CLF	Two Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC02TP2)	519.37	145.14
27 21 16 00-0068	CLF	Four Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC04TP2)	804.09	163.28
27 21 16 00-0069	CLF	Seven Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC07TP2)	1,173.64	181.43
27 21 16 00-0070	CLF	Nineteen Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC19TP2)	3,672.94	217.71
27 21 16 00-0071		Unjacketed Single Tube Cables *(27 21 16 00-0055)*		
27 21 16 00-0072	CLF	Single Tube, Unjacketed Single Tube Cable (Sumitomo TC01TGX)	307.30	145.14
27 21 16 00-0073		Multimode Fiber Bundles *(27 21 16 00-0055)* Note: Includes optical fiber cables.		
27 21 16 00-0074	CLF	2-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FR02M6)	132.66	43.55
27 21 16 00-0075	CLF	4-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB04M6)	201.58	43.55
27 21 16 00-0076	CLF	6-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB06M6)	275.80	43.55
27 21 16 00-0077	CLF	12-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB12M6)	502.01	43.55
27 21 16 00-0078	CLF	18-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB18M6)	727.95	50.80
27 21 16 00-0079	CLF	24-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB24M6)	954.16	50.80
27 21 16 00-0080		Singlemode Fiber Bundles *(27 21 16 00-0055)* Note: Includes optical fiber cables.		
27 21 16 00-0081	CLF	2-Fiber, Singlemode Fiber Bundle (Sumitomo FR02SX)	118.52	43.55
27 21 16 00-0082	CLF	4-Fiber, Singlemode Fiber Bundle (Sumitomo FB04SX)	148.56	43.55
27 21 16 00-0083	CLF	6-Fiber, Singlemode Fiber Bundle (Sumitomo FB06SX)	173.30	43.55
27 21 16 00-0084	CLF	12-Fiber, Singlemode Fiber Bundle (Sumitomo FB12SX)	221.02	43.55
27 21 16 00-0085	CLF	18-Fiber, Singlemode Fiber Bundle (Sumitomo FB18SX)	339.16	50.80
27 21 16 00-0086	CLF	24-Fiber, Singlemode Fiber Bundle (Sumitomo FB24SX)	446.96	50.80
27 21 16 00-0087		Tube Distribution Cabinets *(27 21 16 00-0055)*		
27 21 16 00-0088	EA	Modular Tube Distribution Cabinet (Sumitomo DE06MDU) Note: Up to six 7-tube cables or two 19-tube cables.	258.60	60.57
27 21 16 00-0089		Modular Fiber Termination Cabinets *(27 21 16 00-0055)*		
27 21 16 00-0090	EA	24-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT24WFM)	327.89	60.57
27 21 16 00-0091	EA	48-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT48WFM)	349.81	60.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0092		Tube Distribution Accessories *(27 21 16 00-0055)*		
27 21 16 00-0093	EA	Plastic Push/Pull Quick Release Pneumatic Cap For 8 mm Tube (Sumitomo DE08MA)	14.58	6.05
27 21 16 00-0094	EA	Plastic Push/Pull Quick Release Pneumatic Coupling For 8 mm Tube (Sumitomo DE08MC2)	16.11	6.05
27 21 16 00-0095	EA	Brass Push/Pull Quick Release Pneumatic Coupling For 8 mm Bulkhead Tube (Sumitomo DE08MB)	20.07	6.05
27 21 16 00-0096		Communications Optical Fiber Cabling *(27 21 16 00-0009)*		
27 21 16 00-0097		Communications Optical Fiber Cable Splicing And Terminations *(27 21 16 00-0096)*		
27 21 16 00-0098		Field Installed Fiber Connectors *(27 21 16 00-0097)*		
27 21 16 00-0099	EA	SC Type, Singlemode, Field Installed Fiber Connector (Corning 95-200-42)	43.05	9.08
27 21 16 00-0100	EA	SC Type, 62.5 Micron Multimode, Field Installed Fiber Connector (Corning 95-000-41)	37.98	9.08
27 21 16 00-0101		Buffer Tube Fan-Out Kits *(27 21 16 00-0097)*		
27 21 16 00-0102		Buffer Tube Breakout Kits (Sumitomo) *(27 21 16 00-0101)* Note: Includes 900 micron tubing.		
27 21 16 00-0103	EA	2-Fiber Breakout Kit (Sumitomo FTFLD02)	263.12	120.96
27 21 16 00-0104	EA	4-Fiber Breakout Kit (Sumitomo FTFLD04)	268.42	120.96
27 21 16 00-0105	EA	6-Fiber Breakout Kit (Sumitomo FTFLD06)	273.10	120.96
27 21 16 00-0106	EA	12-Fiber Breakout Kit (Sumitomo FTFLD12)	287.65	120.96
27 21 16 00-0107	EA	18-Fiber Breakout Kit (Sumitomo FTFLD18)	307.55	120.96
27 21 16 00-0108	EA	24-Fiber Breakout Kit (Sumitomo FTFLD24)	322.32	120.96
27 21 16 00-0109		Buffer Tube Fan-Out Kits (Corning) *(27 21 16 00-0101)*		
27 21 16 00-0110	EA	12 Fiber, 25" Tube Length, Indoor Buffer Tube Fan-Out Kit (Corning Fan-BT25-12)	265.57	120.96
27 21 16 00-0111	EA	12 Fiber, 25" Tube Length, Outdoor Buffer Tube Fan-Out Kit (Corning Fan-OD25-12)	318.08	120.96
27 21 16 00-0112		Communications Copper Cabling *(27 21 16 00-0009)*		
27 21 16 00-0113		Copper Communications Cable Splicing And Terminations *(27 21 16 00-0112)*		
27 21 16 00-0114		Copper Communications Cable Splice Cases *(27 21 16 00-0113)*		
27 21 16 00-0115	EA	6.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000626)	1,186.78	241.91
27 21 16 00-0116	EA	9.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000630)	1,387.70	241.91
27 21 16 00-0117	EA	12.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8006219)	2,055.32	241.91
27 21 16 00-0118		Modular Splice Connectors *(27 21 16 00-0113)*		
27 21 16 00-0119	EA	25-Pair, Straight Body Only, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-SC1-25)	130.71	60.47
27 21 16 00-0120	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Dry Modular Splice Connector (3M 710-SD1-25)	128.54	60.47
27 21 16 00-0121	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-TC1-25)	130.75	60.47
27 21 16 00-0122	EA	25-Pair, Bridge Body, 26-22 Gauge Cable, Filled Modular Splice Connector (3M 710-BC1-25)	130.45	60.47
27 21 26		**Data Communications Network Management** *(27 21)*		
27 21 26 00-0001		Data Communications Network Management *(27 21 26)*		
27 21 26 00-0002	EA	3 Port, Terminal/Serial Device Server (Comtrol 99560-9)	664.66	30.24
27 21 26 00-0003	EA	2 Port, Terminal/Serial Device Server (Comtrol 99550-0)	510.74	30.24
27 21 26 00-0004	EA	4 Port, DB9 Terminal/Serial Device Server (Comtrol 99445-9)	714.09	30.24
27 21 26 00-0005	EA	4 Port, DB9 Terminal/Serial Device Server (Comtrol 99448-0)	1,121.83	30.24
27 21 26 00-0006	EA	24 Watt, Din Rail Mountable, Power Adapter (Comtrol PS1020)	103.90	
27 21 26 00-0007	EA	Remote Data Port, Spectra Positioning System (Pelco IPS_RDPE_2)	495.18	18.14
27 21 26 00-0008	EA	Sennetech Code Translator (Pelco SCT_100_AD232)	825.03	30.24
27 21 26 00-0009	EA	VPN Router (Cisco 819HG)	4,915.71	387.68
27 21 26 00-0010	EA	Cisco Catalyst 3000 Series Switches (Cisco IE-3000 - 8TC)	3,519.86	387.68
27 21 26 00-0011	EA	WS-C4507R+E Chassis, Two WS-X4648-RJ45V+E, Sup7L-E, LAN Base (Cisco WS-C4507RE+96V+)	18,327.47	145.14
27 21 26 00-0012	EA	SMARTnet Extended Service Agreement, SNTC-8X5XNBD WS-C4507R+E Chassis,2 WS-X4648-RJ45V+E (Cisco CON-SNT-C4507REV)	575.21	
27 21 26 00-0013	EA	Sup8-E And WS-X4748-RJ45V+E Upgrade For Bundle (Cisco C4500E-S7L-S8)	12,472.05	145.14
27 21 26 00-0014	EA	Catalyst 4500 E-Series Redundant Supervisor 8-E (Cisco WS-X45-SUP8-E/2)	27,072.88	145.14
27 21 26 00-0015	EA	Catalyst 4500 2GB SD Memory Card (Cisco SD-X45-2GB-E)	637.88	12.12
27 21 26 00-0016	EA	Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV)	4,677.72	15.12
27 21 26 00-0017	EA	Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV/2)	4,056.67	15.12
27 21 26 00-0018	EA	13', NEMA 6-20 To IEC-C19 Power Cable (Cisco CAB-US620P-C19-US)	72.67	6.05
27 21 26 00-0019	EA	1000BASE-SX SFP Transceiver Module, MMF, 850nm, DOM (Cisco GLC-SX-MMD=)	234.49	60.47
27 21 26 00-0020	EA	Cisco Catalyst 3850 24 Port Data IP Base (Cisco WS-C3850--24TS)	3,577.02	145.14
27 21 26 00-0021	EA	SMARTnet Extended Service Agreement, 8X5XNBD Cisco Catalyst 3850 24 Port Data IP Base (Cisco CON-SNT-WSC384TS)	756.83	
27 21 26 00-0022	EA	North America AC Type A Power Cable (Cisco CAB-TA-NA)	24.32	6.05
27 21 26 00-0023	EA	350 Watt AC Power Supply (Cisco PWR-C1-350WAC)	316.33	15.12
27 21 26 00-0024	EA	Cisco Catalyst 3850 4x1GE Network Module (Cisco C3850-NM-4-1G)	787.14	15.15
27 21 26 00-0025	EA	1' (30cm), Catalyst 3750X Stack Power Cable (Cisco CAB-SPWR-30CM)	115.41	6.05
27 21 26 00-0026	EA	Rack Mount Switch 16 100 SFP 8 10/100 PoE 2 Geuplinks (Cisco IE-3010-16S-8PC)	4,229.64	145.14
27 21 26 00-0027	EA	SMARTnet Extended Service Agreement, 8X5XNBD IA Rack Mount Switch 16 100 SFP 8 10/10 (Cisco CON-SNT-301016S8)	759.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 26 00-0028	EA	IE 3010 Power Supply (Cisco PWR-RGD-AC-DC/IA)	673.56	15.12
27 21 26 00-0029	EA	IE 3010 AC-DC Redundant Power Supply (Cisco PWR-RGD-AC-DC/IAR)	684.16	15.12
27 21 26 00-0030	EA	4 Ethernet 10/100 Ports And 2 Dual-Purpose Uplinks, Industrial Ethernet Switch (Cisco IE-3000-4TC)	1,461.28	145.14
27 21 26 00-0031	EA	Expansion Power Module For Cisco IE-3000-4TC (Cisco PWR-IE50W-AC-IEC)	370.87	15.15
27 21 26 00-0032	EA	4 Port, Expansion SFP Module for IE-3000-4TC (Cisco IEM-3000-4SM)	1,740.77	15.15
27 21 26 00-0033	EA	Router (CISCO IR829)	1,559.18	60.57

27 21 29 Data Communications Switches and Hubs *(27 21)*

27 21 29 00-0001 Data Communications Multimedia Modular Patch Panels *(27 21 29)*

Note: Unloaded multimedia patch panels that accept modular jacks for category 3, 5e, 6, fiber optic, etc. Excludes rack, modular jacks and terminations. See CSI section 27 15 43 00-0051 for modular jacks.

27 21 29 00-0002	EA	12 Port, Wall Mount Multimedia Modular Patch Panel, Unloaded	135.69	6.04
27 21 29 00-0003	EA	16 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	150.03	6.04
27 21 29 00-0004	EA	24 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	177.78	6.04
27 21 29 00-0005	EA	36 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	186.30	6.04
27 21 29 00-0006	EA	48 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	203.35	7.56
27 21 29 00-0007	EA	24 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded	193.36	6.04
27 21 29 00-0008	EA	48 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded	242.68	7.56
27 21 29 00-0009	EA	Rack Mount Rear Cable Management Bar	64.62	7.56

27 21 33 Data Communications Wireless Access Points *(27 21)*

27 21 33 00-0001 Data Communications Wireless Access Points *(27 21 33)*

27 21 33 00-0002	EA	Base Station Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-BSU)	4,784.91	181.43
27 21 33 00-0003	EA	Base Station Unit, 300 Mbps, MIMO 2x2, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1)	11,486.97	181.43
27 21 33 00-0004	EA	Base Station Unit, 300 Mbps, MIMO 2x2, 16 dBi, 90 Degree Sector Antenna US PoE (Proxim Wireless MP-8250-BS9)	11,486.97	181.43
27 21 33 00-0005	EA	Subscriber Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-SUA)	1,876.19	181.43
27 21 33 00-0006	EA	Subscriber Unit, 300 Mbps, MIMO 2x2, 23 dBi, Panel Antenna US PoE (Proxim Wireless MP-8250-SUR)	2,200.92	203.04
27 21 33 00-0007	EA	Base Station Unit, 300 Mbps, MIMO 3x3, GPS Sync Ready, Type-N Connectors - US PoE (Proxim Wireless MP-8200-BSU-G)	6,149.49	203.04
27 21 33 00-0008	EA	Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1-G)	9,340.98	203.04
27 21 33 00-0009	EA	Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 16 dBi, 90° Sector Antenna - US PoE (Proxim Wireless MP-8250-BS9-G)	9,340.98	203.04
27 21 33 00-0010	EA	50 Mbps (upgradable to 100 Mbps), MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-50)	1,916.80	67.68
27 21 33 00-0011	EA	100 Mbps, MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-100)	1,943.60	67.68
27 21 33 00-0012	EA	Surge, Gigabit Surge Protector With Shielded RJ45 (Proxim Wireless ETH-SURGE-1G)	181.62	33.84
27 21 33 00-0013	EA	FlexPort uWave AdaptRate And Modulation Feature Upgrade (BridgeWave Communications FPUWAVE-UPG-ARM)	1,665.07	
27 21 33 00-0014	EA	1' High Performance Dish Antenna, Low Profile, 21.2-23.6 GHz, WR42 Flange, SOI (Radio Waves HPLP1-23RR)	596.26	60.47
27 21 33 00-0015	EA	Cellular Phone / Wi-Fi Antenna (Sierra Wireless AP-CWG-Q-S222-WH)	494.47	60.47
27 21 33 00-0016	EA	Cell LTE MIMO Antenna (Sierra Wireless 1810075)	88.04	24.19
27 21 33 00-0017	EA	AirLink GX400 Power Adapter (Sierra Wireless 2700384)	77.19	
27 21 33 00-0018	EA	AirLink GX400 Power Cable (Sierra Wireless 2000380)	45.11	
27 21 33 00-0019	EA	Cellular/PCS/LTE, Hockey Puck Antenna (Sierra Wireless AP-C-Q-S2-BL)	317.65	60.47
27 21 33 00-0020	EA	Cellular/PCS/LTE/GPS, Multi-Band Antenna (Sierra Wireless AP-CG-Q-S22-BL)	319.62	60.47
27 21 33 00-0021	EA	2 Way, RF Power Divider, 790-920 MHZ (Telewave ANTPD28D)	435.70	60.57
27 21 33 00-0022	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX400 EVDO/GPS)	1,099.35	90.86
27 21 33 00-0023	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX450 Rugged)	1,405.73	90.86
27 21 33 00-0024	EA	Magnetic Mount Cellular Antenna (Wilson Electronics 301125)	79.20	18.14
27 21 33 00-0025	EA	Yagi Antenna, 890-960 MHz, 10 dBd Gain (PCTEL Bluewave Antennas BGYD890K)	299.55	67.68
27 21 33 00-0026	EA	Andrew® Omni Antenna, 890–960 MHz, 360° Horizontal Beamwidth, Fixed Electrical Tilt, Fits On 38–51 mm (1-1/2 to 2 in) OD Pipe (Commscope DB583-Y)	978.27	67.68
27 21 33 00-0027	EA	Single Channel Bluetooth Sensor With Bluetooth Module And Antenna (DeepBlue SC)	4,806.06	60.57
27 21 33 00-0028	EA	Point-to-Point Wireless Bridge (Proxim Tsunami® QB-10150)	2,441.57	60.47

27 30 Voice Communications *(27)*

27 31 Voice Communications Switching and Routing Equipment *(27 30)*

Note: Includes testing of new devices and certification.

27 31 13 PBX/Key Systems *(27 31)*

27 31 13 00-0001 Interior PBX Telephone System *(27 31 13)*

Note: Includes telephone instruments cabling and solid state switching.

27 31 13 00-0002 Interior PBX Telephone System *(27 31 13 00-0001)*

Note: Cost is for each line up to 1000 lines.

27 31 13 00-0003	EA	1 Line PBX Connection, Cost Per Each Line Up To 1,000	1,865.02	630.53

27 31 13 00-0004 Additional Telephones Less Solid State Switching (PBX) *(27 31 13 00-0001)*

27 31 13 00-0005	EA	Add For Each Additional PBX Phone Line Less Solid State Switching	627.15	49.59

27 31 13 00-0006 Telephones *(27 31 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 31 13 00-0007	EA	Telephones, Desk Type Intercommunication Equipment	244.09	47.17
27 31 13 00-0008	EA	Telephones, Wall Type Intercommunication Equipment	275.88	62.90

27 32 Voice Communications Terminal Equipment *(27 30)*

Note: Includes testing of new devices and certification.

27 32 13 Telephone Sets *(27 32)*

27 32 13 00-0001 Interior Telephone Components *(27 32 13)*

27 32 13 00-0002	EA	Solid State Exchange Unit With Power Supply	7,421.26	1,105.27
27 32 13 00-0003	EA	Dial Telephone - Handset In Cabinet	890.65	90.35
27 32 13 00-0004	EA	Elevator Cab Telephone With Trailer Cable	452.21	96.88
27 32 13 00-0005	EA	Loud Ring Bell, 6"	354.81	89.87
27 32 13 00-0006	EA	Audio/Visual Indicator	452.13	84.67
27 32 13 00-0007	EA	Administrative Telephone With Digital Display	470.96	75.96
27 32 13 00-0008	EA	Processing Unit For 16 Station System	2,333.39	619.64
27 32 13 00-0009	EA	Handset For 16 Station System	332.05	61.69
27 32 13 00-0010	EA	Handset In Cabinet, For 16 Station System	449.79	83.21
27 32 13 00-0011	MLF	20 Conductor Unshielded Cable, #22	3,004.43	1,333.75
27 32 13 00-0012	EA	Power Supply For 16 Station System	417.44	164.61
27 32 13 00-0013	EA	Intercom Terminal Board	368.84	185.30
27 32 13 00-0014	EA	Power Supply For Five Station System, 24 Volt DC	433.94	164.61
27 32 13 00-0015	EA	Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick	211.64	67.63
27 32 13 00-0016	EA	Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep	662.12	148.85
27 32 13 00-0017	EA	Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep	781.96	169.18
27 32 13 00-0018	EA	Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep	948.38	200.23
27 32 13 00-0019	EA	Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep	1,119.37	216.48
27 32 13 00-0020	EA	Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep	1,745.95	246.32
27 32 13 00-0021	EA	Ring Rung 3"	13.04	6.74
27 32 13 00-0022	EA	G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID	32.67	11.98
27 32 13 00-0023	EA	G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing	59.31	24.55

27 32 13 00-0024 Interior Telephone Accessories *(27 32 13)*

27 32 13 00-0025	EA	Blank Telephone Receptacle, Exposed Devices - Complete	13.53	6.53
27 32 13 00-0026	EA	4-Pin Telephone Receptacle, Exposed Devices - Complete	29.36	25.16
27 32 13 00-0027	EA	Dual Flush Mounted, Level 5, RJ-45 Jack, Complete	72.51	27.63
27 32 13 00-0028	EA	Wall Mount, Level 5, RJ-45 Jack, Complete	68.67	27.63
27 32 13 00-0029	EA	Terminating Strips, Inside	139.27	55.25
27 32 13 00-0030	EA	Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete	61.28	28.42
27 32 13 00-0031	EA	Ready Access Closure 3 To 25 Pair	168.33	66.65
27 32 13 00-0032	EA	Ready Access Closure 25 To 100 Pair	196.79	74.50
27 32 13 00-0033	EA	Termination Block With Bracket 25 Pair	63.59	22.38
27 32 13 00-0034	EA	RJ-11 Telephone Receptacle, Concealed Devices - Complete	60.15	28.06
27 32 13 00-0035	EA	Interior Protected Terminal 25 Pair	722.49	161.60
27 32 13 00-0036	EA	Interior Protected Terminal 50 Pair	856.02	164.13
27 32 13 00-0037	EA	Pedestal 6" x 6" x 50" 3 To 100 Pair	287.74	67.25
27 32 13 00-0038	EA	Pedestal 8" x 8" x 50" 100 To 300 Pair	296.94	67.25
27 32 13 00-0039	EA	Pedestal 10" x 10" x 43" 300 To 600 Pair	392.07	86.00
27 32 13 00-0040	EA	Pedestal 10" x 16" x 439 600 Pair	813.17	154.94
27 32 13 00-0041	EA	Entrance Protector Terminal 100 Pair	1,124.53	176.83
27 32 13 00-0042	EA	Gas Protection Module	17.48	6.04
27 32 13 00-0043	EA	Terminating Boxes, Outside With 3 Element Protectors, Per Pair	30.23	5.52

27 32 26 Ring-Down Emergency Telephones *(27 32)*

27 32 26 00-0001 Emergency Telephone *(27 32 26)*

Note: Includes CB3000 speakerphone, 3 auxiliary Inputs, 2 auxiliary outputs, phone line surge suppressor, analog telephone connection, 70 watt area light with blue beacon, high power strobe, lighted faceplate, 110VAC power, ultra weather resistant finish, vandal resistant hardware, UV resistant Lens, dome vent; flat area for directory, access control or other options; 12.75" diameter/8'-6" height, 1/4" thick steel construction, foundation anchor kit, ADA compliant.

27 32 26 00-0002	EA	Code Blue 1-Standard Emergency Telephone Pedestal Unit (CB 1-s) Note: Includes IA4100 FP1 analog speakerphone with single red 'Push For Help' button, 'Push For Help' bezel, hard wire phone line, passive vent at top, 24V AC, and standard color.	11,074.10	496.86
27 32 26 00-0003	EA	Code Blue 1-Dual Emergency Telephone Pedestal Unit (CB 1-d) Note: Includes IA4100 FP1 analog speakerphone with single red 'Push For Help' button, 'Push For Help' bezel, blank stainless steel plate second opening, hard wire phone line, passive vent at top, 24V AC, and standard color.	11,647.39	496.86
27 32 26 00-0004	EA	Analog Speakerphone With Black Info Button And Red Push For Help Button Code Blue Option (Code Blue IA4100 FP2)	191.10	
27 32 26 00-0005	EA	Analog Speakerphone With Black Call Button, Keypad And Red Push For Help Button Code Blue Option (Code Blue IA4100 FP2-K)	286.64	
27 32 26 00-0006	EA	IP Speakerphone With Single Red Push For Help Button Code Blue Option (Code Blue IP5000 FP1)	716.61	
27 32 26 00-0007	EA	IP Speakerphone With Back Info Button And Red Push For Help Button Code Blue Option (Code Blue IP5000 FP2)	974.59	
27 32 26 00-0008	EA	IP Speakerphone With Black Call Button, Keypad And Red Push For Help Button Code Blue Option (Code Blue IP5000 FP2-K)	1,070.14	
27 32 26 00-0009	EA	EMERGENCY (Raised Letters With Braille) Main Bezel Code Blue Option	19.11	
27 32 26 00-0010	EA	EMERGENCY/EMERGENCIA (Raised Letters With Braille) Main Bezel Code Blue Option	19.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 32 26 00-0011	EA	Directory, Second Opening Code Blue Option	171.99	
27 32 26 00-0012	EA	Camera Enclosure With Color IP Camera, Second Opening Code Blue Option	1,815.42	
27 32 26 00-0013	EA	HID Card Reader, Second Opening Code Blue Option	840.82	
27 32 26 00-0014	EA	HID Card Reader And Color IP Camera, Second Opening Code Blue Option	2,723.12	
27 32 26 00-0015	EA	IP Wireless Communication Code Blue Option Note: 802.11g or secure mesh 5.8. (system UPS backup or unit Night Charge recommended). IP5000 VoIP Speakerphone option must be ordered when selecting IP Wireless Communications. Requires Base Unit(s) and site survey.	5,723.34	
27 32 26 00-0016	EA	Active Venting Code Blue Option	305.75	
27 32 26 00-0017	EA	Night Charge Power Code Blue Option Note: Requires 120V AC external power supplied to Code Blue unit.	2,665.79	
27 32 26 00-0018	EA	Power Transformer Kit, Alternate Incoming Power Code Blue Option	668.84	
27 32 26 00-0019	EA	Overhead Camera Mount Code Blue Option Note: Excludes camera.	1,519.22	
27 32 26 00-0020	EA	Custom Color For Overhead Camera Mount Code Blue Option	66.88	

27 32 26 00-0021 City Police Call System *(27 32 26)*

27 32 26 00-0022 Components *(27 32 26 00-0021)*

27 32 26 00-0023	EA	City Police Call System	863.25	141.03
27 32 26 00-0024	EA	Concrete Foundation For Police Department Telephone Post	771.50	204.29

27 40 Audio-Video Communications *(27)*

27 41 Audio-Video Systems *(27 40)*

27 41 16 Integrated Audio-Video Systems and Equipment *(27 41)*

Note: Includes testing of new devices and certification.

27 41 16 00-0001 Television Distribution System *(27 41 16)*

See CSI section 26 05 13 16-0001 for basic wiring.

27 41 16 00-0002 Mounted Television Support *(27 41 16 00-0001)*

27 41 16 00-0003	EA	Ceiling Mounted Television Support, 19" To 20"	478.34	135.69
27 41 16 00-0004	EA	Ceiling Mounted Television Support, 19" To 20" With Rack	618.19	151.44
27 41 16 00-0005	EA	Ceiling Mounted Television Support, 25" To 27"	499.55	135.69
27 41 16 00-0006	EA	Ceiling Mounted Television Support, 25" To 27" With Rack	639.40	151.44
27 41 16 00-0007	EA	Wall Mounted Television Support, 13"	379.05	109.04
27 41 16 00-0008	EA	Wall Mounted Television Support, 13" With Rack	518.89	121.16
27 41 16 00-0009	EA	Wall Mounted Television Support, 19" To 20"	406.89	109.04
27 41 16 00-0010	EA	Wall Mounted Television Support, 19" To 20" With Rack	546.73	121.16
27 41 16 00-0011	EA	Wall Mounted Television Support, 25" To 27"	434.73	109.04
27 41 16 00-0012	EA	Wall Mounted Television Support, 25" To 27" With Rack	574.57	121.16

27 41 16 00-0013 Distribution System *(27 41 16 00-0001)*

See CSI section 26 05 13 16-0001 for wire and cabling.

27 41 16 00-0014 TV Distribution Rack *(27 41 16 00-0013)*

27 41 16 00-0015	EA	Steel Rack Cabinet With Shelves	1,684.74	222.43
27 41 16 00-0016	EA	Switch And Pilot Light	260.51	98.82
27 41 16 00-0017	LF	Surface Raceway With Outlets	31.13	13.43
27 41 16 00-0018	EA	Service Label	36.87	18.50

27 41 16 00-0019 Head End Amplifier *(27 41 16 00-0013)*

27 41 16 00-0020	EA	Head End Amplifier	1,124.01	148.05

27 41 16 00-0021 UHF In-Line Booster Amplifier And Power Supply *(27 41 16 00-0013)*

27 41 16 00-0022	EA	UHF In-Line Booster	654.89	148.05

27 41 16 00-0023 Preamplifiers *(27 41 16 00-0013)*

27 41 16 00-0024	EA	VHF Preamplifier	820.08	148.05
27 41 16 00-0025	EA	UHF Preamplifier	654.88	148.05

27 41 16 00-0026 Power Supplies *(27 41 16 00-0013)*

27 41 16 00-0027	EA	Common Power Supply	1,171.53	211.55

27 41 16 00-0028 Line Splitter And Mixer *(27 41 16 00-0013)*

27 41 16 00-0029	EA	Line Splitter	100.51	49.35
27 41 16 00-0030	EA	Two-Way Splitter	113.66	49.35
27 41 16 00-0031	EA	Frequency Filter	253.17	74.14
27 41 16 00-0032	EA	Line Splitter And Mixer	306.93	108.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 16 00-0033		**Power Line Filters** *(27 41 16 00-0013)*		
27 41 16 00-0034	EA	120-Volt Power Supply Line Filter	491.76	98.82
27 41 16 00-0035		**Wall Box And Receiver Outlets** *(27 41 16 00-0013)*		
27 41 16 00-0036	EA	Wall Box With Lockable Cover, Excluding Outlet Plug	253.17	74.14
27 41 16 00-0037	EA	TV Receiver Outlet Plug	113.66	49.35
27 41 16 00-0038	EA	TV Camera Outlet Plug	113.66	49.35
27 41 16 00-0039	EA	Audio Outlet Plug	97.19	49.35
27 41 16 00-0040	EA	12 Ft RG 6U Cable With G-59 And TV Set Fittings	202.68	98.82
27 41 16 00-0041	EA	Male Plug PL-259	113.66	49.35
27 41 16 00-0042	EA	Wall Box And Receiver Outlet Television Outlets	133.81	51.76
27 41 16 00-0043		**Propritary Audio-Video Equipment And Accessories** *(27 41 16 00-0001)*		
27 41 16 00-0044	EA	ALS Antenna - Universal Kit (Listen Technologies LA-123)	66.60	
27 41 16 00-0045	EA	ALS Single Ear Bud (Listen Technologies LA-161)	24.98	
27 41 16 00-0046	EA	ALS stereo headphones (Listen Technologies LA-165)	44.73	
27 41 16 00-0047	EA	ALS Body Pack Display FM Receiver (Listen Technologies LR-4200-072)	373.41	
27 41 16 00-0048	EA	ALS RF Transmitter (Listen Technologies LT-800-72-01)	1,456.66	
27 41 16 00-0049	EA	200 watts 70V mono amplifier (Extron XPA 2001-70V)	778.31	
27 41 16 00-0050	EA	Single channel power amplifier (Extron MPA 601-70V)	556.86	
27 41 16 00-0051	EA	Ceiling Dante mic array (Shure MXA910)	9,916.15	
27 41 16 00-0052	EA	A910-HCM mount (Shure A910-HCM)	464.81	
27 41 16 00-0053	EA	6.5" Two-Way Ceiling Speakers, 70/100V, Pair (Extron SF 26CT)	291.73	
27 41 16 00-0054	EA	12x8 ProDSP Processor w/AEC, VoIP, and Dante (60-1513-10) (Extron DMP 128 C P AT)	4,307.14	
27 41 16 00-0055	EA	Four Channel wireless receiver (Shure ULXD4Q)	11,335.60	
27 41 16 00-0056	EA	Wireless handheld microphone (Shure ULXD2/B87A)	1,532.51	
27 41 16 00-0057	EA	UHF bodypack transmitter (Shure ULXD1-G50)	1,081.31	
27 41 16 00-0058	EA	Dante multi-element table mic (Shure MXA310)	1,942.86	
27 41 16 00-0059	EA	Omnidirectional lavalier microphone (Shure WL183)	206.14	
27 41 16 00-0060	EA	Throwable microphone (Catchbox Catchbox Pro)	775.98	
27 41 16 00-0061	EA	98" diagonal 4K display (Planar UR9851)	32,188.16	
27 41 16 00-0062	EA	AV USB bridge (Blackmagic Design BLWEBPTR)	962.67	
27 41 16 00-0063	EA	CABLE ADAPTER (Liberty AV Solutions DL-AR397)	105.21	
27 41 16 00-0064	EA	HDSDI 4K to HDMI converter (Blackmagic Design BLMCQSDHD4K2)	962.67	
27 41 16 00-0065	EA	DTP Receiver for HDMI (Extron DTP R HWP 4K 331 D)	897.80	
27 41 16 00-0066	EA	DTP Transmitter for HDMI - Decorator-Style (Extron DTP T HWP 4K 331 D)	784.14	
27 41 16 00-0067	EA	HDMI Decorator-Style Tx (Extron DTP T HWP 4K 331 D)	784.14	
27 41 16 00-0068	EA	Three Input Multi-Format Switcher with Integrated DTP Transmitter and Audio Embedding (Extron DTP T DSW 4K 333)	1,806.96	
27 41 16 00-0069	EA	Two Input DTP Transmitter for HDMI and DP with Audio Embedding - Decorator-Style Wallplate (Extron DTP T DWP 4K 332 D)	1,466.01	
27 41 16 00-0070	EA	Extron Cable Cubby 700 (Extron Cable Cubby 700)	795.52	
27 41 16 00-0071	EA	AC+USB 224 US US (2) AC & (2) USB Outlets w Integrated PS 60-1697-01 (Extron AC+USB 224 US Cord w 9.5' Cord)	439.92	
27 41 16 00-0072	EA	Retractor Series/2 VGA-A VGA and 3.5 mm Stereo; 3 feet (90 cm) 70-1065-11 (Extron Retractor VGA-A)	568.24	
27 41 16 00-0073	EA	Retractor Series/2 HDMI HDMI; 3 feet (90 cm) 70-1065-04 (Extron Retractor HDMI)	511.41	
27 41 16 00-0074	EA	DisplayPort-DisplayPort Mini DP to DP; 3 feet (90cm) 70-1065-18 (Extron Retractor MDP-DP)	507.60	
27 41 16 00-0075	EA	Retractor Series/2 Network Network CAT6e; 3 feet (90 cm) 70-1065-03 (Extron Retractor Network)	511.41	
27 41 16 00-0076	EA	Retractor Series/2 USB USB A to USB A; 3 feet (90 cm) 70-1065-05 (Extron Retractor USB)	511.41	
27 41 16 00-0077	EA	80" Interactive Display (SHARP PN-L802B)	25,219.85	
27 41 16 00-0078	EA	75" Infinity Board with PC (Interactive Touch display) (NEC 3720-INF2-75)	30,620.50	
27 41 16 00-0079	EA	70" LCD interactive display (Sharp PN-L703B)	13,914.10	
27 41 16 00-0080	EA	50"LED Display with integrated tuner (NEC E505)	2,917.18	
27 41 16 00-0081	EA	Eight Input HDCP-Compliant Scaling Presentation Switcher with DTP Extension (Extron IN1608 xi IPCP MA 70)	5,670.87	
27 41 16 00-0082	EA	Eight Input HDCP-Compliant Scaling Presentation Switcher with DTP Extension (Extron DTP CrossPoint 84 IPCP MA 70)	8,442.42	
27 41 16 00-0083	EA	Media Recorder (400 GB SSD) (Extron SMP 351 (60-1324-11))	7,597.12	
27 41 16 00-0084	EA	install Owner Furnished, Digital Signage Media Player (Janus Displays Digital Signage Media Player)	1,029.78	
27 41 16 00-0085	EA	Extron wireless presentation gateway (Extron ShareLink 250 W)	1,920.60	
27 41 16 00-0086	EA	eBUS Button Panel with 6 Buttons - Decorator-Style 1-Gang (Extron EBP 105 D)	409.12	
27 41 16 00-0087	EA	IP Link Pro Control Processor (Extron IPCP Pro 250)	1,352.38	
27 41 16 00-0088	EA	IP Link Pro Control Processor (3 Serial port) (Extron IPL Pro S3)	965.98	
27 41 16 00-0089	EA	10" Wall Mount Touchlink Pro Touchpanel (Extron TLP Pro 1025M)	2,736.67	
27 41 16 00-0090	EA	USB extender (Extron USB Extender Plus R)	784.14	
27 41 16 00-0091	EA	USB extender plus Receiver - Decorator-Style Version (Extron USB Extender Plus D R)	965.98	
27 41 16 00-0092	EA	USB extender (Extron USB Extender Plus T)	784.14	
27 41 16 00-0093	EA	OFE Keyboard with Touch pad (Logitech K400 plus 920-007119)	77.78	
27 41 16 00-0094	EA	Ofe mouse (LOGITECH M570)	59.30	
27 41 16 00-0095	EA	HD PTZ Cameras with IP, 3G/HD-SDI, HDMI (Marshall CV620-IP)	3,614.59	
27 41 16 00-0096	EA	PTZ camera with HDSDI output (Panasonic AW-HE40S)	6,681.30	
27 41 16 00-0097	EA	1x4 HDSDI DA (Extron MDA 4V HD-SDI RETIRED PRODUCT)	1,071.58	
27 41 16 00-0098	EA	Four Input 3G-SDI Switcher (Extron SW4 3G HD-SDI RETIRED PRODUCT)	1,891.37	
27 41 16 00-0099	EA	21.5" Monitor (1920x1080) (ASUS VP228)	173.08	
27 41 16 00-0100	EA	Wide-Throw Zoom Lens (Rtio 1.62-2.22:1) (EPSON ELPLW06)	5,637.99	
27 41 16 00-0101	EA	8000 Lumens Laser Projector (EPSON Pro L1300UNL Laser WUXGA 3LCD Projector)	19,485.15	
27 41 16 00-0102	EA	Pre-configured C5 Series Credenza, 2 Bay (Middle Atlantic C5+2 BAY)	2,987.22	
27 41 16 00-0103	EA	SANUS 1U Ultra Quiet Fan (SANUS CAFC01-B1)	213.91	
27 41 16 00-0104	EA	Low profile tilt adjustable flat panel wall (Chief Mfg XTM1U)	558.14	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 16 00-0105	EA	Heavy Duty Flat Panel Wall Mount for 98" display (Planar Profie Mount (955-0566-00))	447.28	
27 41 16 00-0106	EA	Medium Fusion Micro-Adjustable Tilt Wall Mount (Chief MTM1U)	314.28	
27 41 16 00-0107	EA	Presentation lectern (Spectrum Furniture Honors Lectern (Quote #000203373-2))	7,518.48	
27 41 16 00-0108	EA	RPA series projector mount (Chief Mfg RPA Series)	329.84	
27 41 16 00-0109	EA	12RU Desktop Rack (Middle Atlantic BRK12)	443.42	

27 41 33 Master Antenna Television Systems *(27 41)*

27 41 33 00-0001 Antenna Systems *(27 41 33)*

27 41 33 00-0002 Antenna *(27 41 33 00-0001)*

27 41 33 00-0003	EA	Amateur Radio Antenna	1,063.19	181.43
27 41 33 00-0004	EA	Multi-Band Radio Antenna	826.55	181.43

27 41 33 00-0005 Receptacles *(27 41 33 00-0001)*

27 41 33 00-0006	EA	Amateur Radio Antenna System Receptacle With Mating Plugs And Adapter	236.67	74.14
27 41 33 00-0007	EA	Multi-Band Radio Antenna System Receptacle With Mating Plugs	236.67	74.14

27 50 Distributed Communications and Monitoring Systems *(27)*

27 51 Distributed Audio-Video Communications Systems *(27 50)*

27 51 17 Video Intercom and Exterior Gate Control System *(27 51)*

27 51 17 00-0001 Video Intercom And Exterior Gate Control System *(27 51 17)*

27 51 17 00-0002	EA	Audio Video Master Control Station With Handset, White Finish (Aiphone IX-MV7-HW)	1,466.05	151.44
27 51 17 00-0003	EA	Audio Video Master Control Station (Aiphone AX-8MV)	1,180.54	151.44
27 51 17 00-0004	EA	16-call Add-on Selector For AX Masters (Aiphone AX-16SW)	501.15	151.44
27 51 17 00-0005	EA	Central Exchange Unit (Aiphone AX-084C)	1,392.61	75.72
27 51 17 00-0006	EA	Central Exchange Unit (Aiphone AX-248C)	1,896.21	75.72
27 51 17 00-0007	EA	Touch Tone Programmable Dialer (Viking K-1900-5)	144.56	30.29
27 51 17 00-0008	EA	Surface Mount Audio/Video Door Station (Aiphone IX-DV)	1,002.31	30.29
27 51 17 00-0009	EA	Surface Or Flush Wall Mount Audio/Video Door Station (Aiphone IX-DVF)	1,377.08	30.29
27 51 17 00-0010	EA	Surface Mount Audio/Video Door Station (Aiphone AX-DV)	447.85	30.29
27 51 17 00-0011	EA	Flush Mount Audio/Video Door Station (Aiphone AX-DVF)	504.69	30.29
27 51 17 00-0012	EA	12 Volt, 2.5 Amperes, DC Power Supply (Aiphone PS-1225UL) Note: UL Listed	137.35	15.15
27 51 17 00-0013	EA	24 Volt, 2 Amperes, DC Power Supply (Aiphone PS-2420UL) Note: UL Listed	149.26	15.15
27 51 17 00-0014	EA	IP Video Master Station (Aiphone IX-MV)	1,788.20	151.44
27 51 17 00-0015	EA	Handset Only For IX-MV (Aiphone 285999)	61.26	6.05
27 51 17 00-0016	EA	Hands Free Sub Master Video Monitor (Aiphone JF-2HD)	764.17	151.44
27 51 17 00-0017	EA	Stainless Steel Video Door Station With HID ProxPoint Plus Reader, Flush Mount (Aiphone AX-DVF-P)	717.50	30.29
27 51 17 00-0018	EA	Stainless Steel Surface Mount Box For IS-SS, IS-DVF, IS-IPDVF, IX-DF(SS) (Aiphone SBX-IDVF)	219.19	30.29
27 51 17 00-0019	EA	Stainless Steel Surface Mount Box For AX-DVF (Aiphone SBX-AXDVF)	244.30	30.29
27 51 17 00-0020	EA	Stainless Steel Security Lock Box For IS-DV, IS-DVF, IX-DF, IX-SS, IX-DF-HID, And IX-DF-RP10 (Aiphone LB-SDVF/A)	299.71	45.43
27 51 17 00-0021	EA	Front Case With Lens Cover For AX-DV And AX-DVF Cameras (Aiphone 240880)	67.05	15.15

27 51 19 Sound Masking Systems *(27 51)*

27 51 19 00-0001 Sound Masking System *(27 51 19)*

27 51 19 00-0002	EA	Touch Screen Panel PC PoE 10" (Cambridge Sound Management DSTS10POE) Note: For Sound Masking	4,006.57	362.86
27 51 19 00-0003	EA	12 X 8 X 8 Channel Sound Masking Generator Controller (Cambridge Sound Management DS3008) Note: For Sound Masking	3,295.97	241.91
27 51 19 00-0004	EA	Netgear 24 Port PoE Switch (Cambridge Sound Management DSPoE24) Note: For Sound Masking	1,038.69	120.96
27 51 19 00-0005	EA	24 Port Patch Panel (Cambridge Sound Management DSPP24) Note: For Sound Masking	331.87	60.47
27 51 19 00-0006	EA	Network Sound Masking Processor (Cambridge Sound Management DS8000) Note: For Sound Masking	1,035.11	60.57
27 51 19 00-0007	EA	Network 6" Plenum Speakers White (Cambridge Sound Management DS1356W) Note: For Sound Masking	193.19	45.43
27 51 19 00-0008	EA	Caddy Clip Kit Universal Brackets White (Erico 2H4) Note: For Sound Masking	4.59	
27 51 19 00-0009	EA	Loudspeakers With Mounting Brackets (Cambridge Sound Management DS1398) Note: For Sound Masking	193.19	45.43
27 51 19 00-0010	EA	6U Wall Mount Rack (Cambridge Sound Management DSPPM-6-12) Note: For Sound Masking	486.74	60.57
27 51 19 00-0011	EA	8U Wall Mount Rack (Cambridge Sound Management DSPPM-8-12) Note: For Sound Masking	514.86	60.57

27 51 23 Intercommunications and Program Systems *(27 51)*

27 51 23 63 Detention Intercommunications and Program Systems *(27 51 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 51 23 63-0001	EA	Wall Mounted, Electronic Two-Way, Hands-Free Audio, Partition Communication System (Haven Technology, Corp SC-600) Note: Excludes 5 gang electrical backbox.	2,448.54	

27 51 43 Sound Reinforcement *(27 51)*

Note: Includes testing of new devices and certification.

27 51 43 00-0001 Amplifiers *(27 51 43)*

27 51 43 00-0002	EA	10 Watt PA/Paging System Amplifier, 70 Volt (Bogen C10)	542.11	121.16
27 51 43 00-0003	EA	35 Watt PA/Paging System Amplifier, 70 Volt (Bogen C35)	766.86	121.16
27 51 43 00-0004	EA	60 Watt PA/Paging System Amplifier, 70 Volt (Bogen C60)	911.13	121.16
27 51 43 00-0005	EA	100 Watt PA/Paging System Amplifier, 70 Volt (Bogen 100)	1,014.05	121.16
27 51 43 00-0006	EA	150 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS150)	1,263.46	121.16
27 51 43 00-0007	EA	250 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS250)	1,636.42	121.16
27 51 43 00-0008	EA	Rack Mount Kit For PA/Paging System Amplifiers (Bogen GSRPK)	64.91	6.05

27 51 43 00-0009 Splitters *(27 51 43)*

27 51 43 00-0010	EA	24 Watt, 5 Output, Isolated Splitter (Doug Fleenor 125EE)	3,267.86	90.71
27 51 43 00-0011	EA	1-in/11-out Splitter (Doug Fleenor DMX)	2,947.88	90.71

27 51 43 00-0012 Speakers *(27 51 43)*

27 51 43 00-0013	EA	8", 5 Watt Recessed Ceiling Mounted Speaker With Transformer And Baffle (Atlas Sound FD72W)	212.10	32.41
27 51 43 00-0014	EA	8" Steel Baffle (Atlas Sound 51-8)	67.76	6.04
27 51 43 00-0015	EA	T-Bar Support (Atlas Sound EZ95-8)	75.62	6.04
27 51 43 00-0016	EA	8" Cylindrical Enclosure With Undercoating (Atlas Sound Q408)	117.68	6.04
27 51 43 00-0017	EA	Plate Mounted 10 Watt Attenuator With Priority Relay (Atlas Sound AT10-PA)	109.30	10.88

27 51 43 00-0018 Accessories *(27 51 43)*

27 51 43 00-0019	EA	Microphone And Stand For Audio/Video System (Bogen MBS-1000A)	315.69	15.15
27 51 43 00-0020	EA	5 Disk CD Player For Audio/Video System (Bogen DCM290-P)	709.16	15.15
27 51 43 00-0021	EA	Weather Proof Horn For Audio/Video System (Bogen SPT5A)	179.98	30.29
27 51 43 00-0022	EA	Trumpet Driver And Line Matching Transformer For Audio/Video System (Atlas PD-60A)	333.04	30.29
27 51 43 00-0023	EA	Headset Microphone For Audio/Video System (Audio Technica Pro8Hex)	243.55	30.24
27 51 43 00-0024	EA	Microphone Jack For Audio/Video System	112.91	30.29
27 51 43 00-0025	EA	Terminal Cabinet For Audio/Video System (Atlas 121-18)	953.09	121.16
27 51 43 00-0026	EA	Volume Control For Audio/Video System (Bogen AT10A)	107.96	30.29
27 51 43 00-0027	EA	Round Bridge for 8" (S86/S810) Reccessed Speakers (Bogen Communications TB8)	75.85	30.29

27 51 43 00-0028 Removal And Reinstallation Of Speakers *(27 51 43)*

Note: Includes storage, cleaning and supply materials.

27 51 43 00-0029	EA	Removal And Reinstallation Of Ceiling Mounted Speaker	169.34	

27 52 Healthcare Communications and Monitoring Systems *(27 50)*

27 52 23 Nurse Call/Code Blue Systems *(27 52)*

27 52 23 00-0001 Wireless Equipment Nurses Call Systems *(27 52 23)*

Note: Includes all mounting hardware, batteries, cable and connections. Telectronic.

27 52 23 00-0002 Wireless Nurses Call System *(27 52 23 00-0001)*

27 52 23 00-0003	EA	NurseCall Main Unit (Rechargeable Battery Included); NCM2	8,163.63	
27 52 23 00-0004	EA	NurseCall Main Unit (Rechargeable Battery Included) 300+ Transmitters; NCM2S	9,056.54	
27 52 23 00-0005	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 1-5 Units; NCL2	5,771.61	
27 52 23 00-0006	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 6-10 Units; NCL2	4,669.12	
27 52 23 00-0007	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 11-15 Units; NCL2	4,200.00	
27 52 23 00-0008	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 16+ Units; NCL2	3,730.73	
27 52 23 00-0009	EA	Resident Bed Station With Relay; N45	973.43	
27 52 23 00-0010	EA	Bed Push Button For Use With N45 (9'); RB13-9	471.62	
27 52 23 00-0011	EA	Pull Cord Replacement For S35; S35PC	32.25	
27 52 23 00-0012	EA	Wall Mount Pull-Cord Transmitter/Mounting Hardware - Auto Supervision; S35S	688.49	
27 52 23 00-0013	EA	Wall Mount Pull-Cord Transmitter/Mounting Hardware - Assist Tone; S35A	688.49	
27 52 23 00-0014	EA	Remote Reset Button; S35R	668.34	
27 52 23 00-0015	EA	Waterproof Wrist Transmitter (Automatic Supervision); S37	468.75	
27 52 23 00-0016	EA	Wrist Band Replacement For S37; S37WB	40.88	
27 52 23 00-0017	EA	Locate 1 Waterproof Wrist Transceiver; S37L	575.24	
27 52 23 00-0018	EA	Locate 1 Beacon; IS75	1,833.57	
27 52 23 00-0019	EA	Wireless Smoke Detector Transmitter; SD35	1,169.03	
27 52 23 00-0020	EA	Wireless Door Contact Transmitter; RAC35	907.12	
27 52 23 00-0021	EA	Wireless Time Controlled Door Contact; RAC45	907.12	
27 52 23 00-0022	EA	Local Receiver With Relay (110 Volt AC); LE9	1,125.86	
27 52 23 00-0023	EA	Voice Response Unit (Rechargeable Battery Included); S10	1,917.14	
27 52 23 00-0024	EA	Alarm Receiving Unit (Rechargeable Battery Included); ARU	3,814.49	
27 52 23 00-0025	EA	NurseCall Programming Software; NPS	10,701.58	
27 52 23 00-0026	EA	NurseCall Printer Interface; NCPI	3,629.63	
27 52 23 00-0027	EA	NurseCall Computer Center (Includes NurseCall Software, PC, Monitor, Printer And UPS); NCCN	18,875.67	
27 52 23 00-0028	EA	9V NiMH Rechargeable Battery (Replacement For S10, NCM2, And NCL2); NMH9R	84.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 52 23 00-0029	EA	6V Lithium Battery (Replacement For S35 And RAC35); LIT6	75.71	
27 52 23 00-0030	EA	9V Alkaline Battery (Replacement For N45); ALK9	35.42	
27 52 23 00-0031	EA	Giant LED Single Sided Display; NCGD	18,633.69	
27 52 23 00-0032	EA	Serial Printer; NCSP	1,929.91	
27 52 23 00-0033	EA	Modular Duplex T-Adapter (Replacement For S10); SE-486A	38.00	
27 52 23 00-0034	EA	AC Adapter (Replacement For S10); STA-4110A	72.54	
27 52 23 00-0035	EA	S10 Phone Cord (Replacement For S10); STC	38.00	
27 52 23 00-0036	EA	Waveware Paging System, Use With NCCN (Dell Computer); SPS-5	8,249.35	
27 52 23 00-0037	EA	Waveware Pagers; DAP-040	1,162.84	
27 52 23 00-0038		Wireless Nurses Call Tele/Management System *(27 52 23 00-0001)*		
27 52 23 00-0039	EA	Tele/Management Unit; TP12	4,519.46	
27 52 23 00-0040	EA	Tele/Management Software; TP12S	4,377.88	
27 52 23 00-0041		Wireless Nurses Call Paging System *(27 52 23 00-0001)*		
27 52 23 00-0042	EA	Standard Paging System (2.5 Watt Transmitter); RPE673	13,378.36	
27 52 23 00-0043	EA	Removal And Replacement Of Antenna For RPE673; RPE673AN	938.33	
27 52 23 00-0044	EA	Removal And Replacement Of Power For RPE673; RPE673PS	1,266.44	
27 52 23 00-0045	EA	Alphanumeric Pager; RPR583	1,551.39	
27 52 23 00-0046	EA	Removal And Replacement Of Holster For RPR583; RPR583H	84.62	
27 52 23 00-0047		Equipment Nurses Call Systems *(27 52 23)*		
27 52 23 00-0048	EA	Nurses Call System, Page/Talk Relay Intercommunication Equipment	284.92	62.90
27 52 23 00-0049	EA	Nurses Call System, Main Equipment Panel Intercommunication Equipment	3,078.60	251.59
27 52 23 00-0050	EA	Nurses Call System, Re-Entrant Horn Intercommunication Equipment	299.70	82.25
27 52 23 00-0051	EA	Nurses Call System, Nurses Control Station Intercommunication Equipment	1,461.51	241.91
27 52 23 00-0052	EA	Nurses Call System, Duty Station Intercommunication Equipment	741.08	188.69
27 52 23 00-0053	EA	Nurses Call System, Staff Station Intercommunication Equipment	390.79	62.90
27 52 23 00-0054	EA	Nurses Call System, Single Bedside Station Intercommunication Equipment	369.87	62.90
27 52 23 00-0055	EA	Nurses Call System, Double Bedside Station Intercommunication Equipment	564.30	110.06
27 52 23 00-0056	EA	Nurses Call System, Emergency Call Button Intercommunication Equipment	167.79	48.38
27 52 23 00-0057	EA	Nurses Call System, Pull Cord Button Intercommunication Equipment	154.33	48.38
27 52 23 00-0058	EA	Nurses Call System, Single Dome Light Intercommunication Equipment	111.83	31.45
27 52 23 00-0059	EA	Nurses Call System, Double Dome Light Intercommunication Equipment	162.04	48.38
27 52 23 00-0060	EA	Nurses Call System, Pillow Speaker Intercommunication Equipment	250.82	31.45
27 52 23 00-0061	EA	Nurses Call System, Cord Set Intercommunication Equipment	121.98	31.45
27 52 23 00-0062	EA	Nurse Call System, Master-20 Station	6,302.81	241.91
27 52 23 00-0063	EA	Dukane Duty Station - Tone Only, PC1000	1,021.31	188.81

27 53 Distributed Systems *(27 50)*

27 53 13 Clock Systems *(27 53)*

27 53 13 13 Wireless Clock Systems *(27 53 13)*

27 53 13 13-0001		Wireless Synchronized GPS Clock System (Sapling) *(27 53 13 13)*		
27 53 13 13-0002		Master Clock (Sapling SMA 2000 Series) *(27 53 13 13-0001)* Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0003	EA	Master Clock, 900 MHz Transmitter, GPS, Surface Wall Mount (Sapling SMA-2S0-1100-1	7,700.62	90.71
27 53 13 13-0004	EA	Master Clock, 900 MHz Transmitter, GPS, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1100-1)	8,142.93	90.71
27 53 13 13-0005	EA	Master Clock, 900 MHz Transmitter, Surface Wall Mount (Sapling SMA-2S0-1000-1)	4,383.33	90.71
27 53 13 13-0006	EA	Master Clock, 900 MHz Transmitter, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1000-1)	4,825.64	90.71
27 53 13 13-0007	EA	NTP Server Upgrade (Sapling SMA-000-SERV-0)	3,027.40	
27 53 13 13-0008		Wireless Repeaters (Sapling) *(27 53 13 13-0001)*		
27 53 13 13-0009	EA	Wireless Repeater, 900 MHz, RS485 Input, Surface Wall Mount (Sapling SMA-1SR-0000-1)	1,884.92	60.47
27 53 13 13-0010	EA	Wireless Network Repeater, 900 MHz, 110 VAC - 230 VAC, With TCP/IP For Campus Environments, Surface Wall Mount (Sapling SMA-1SM-0000-1)	2,111.33	60.47
27 53 13 13-0011		Wireless Round Analog Clocks (Sapling SAL-4 Series) *(27 53 13 13-0001)* Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0012	EA	Analog, Wireless Slim Line, 900 MHz, 12" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-12R-0)	409.10	30.24
27 53 13 13-0013	EA	Double Mount Housing With Metal Pole For Slim Line 12" Round Analog Clock, Black (Sapling SAH-1BD-12R-0)	259.06	30.24
27 53 13 13-0014	EA	Analog, Wireless Slim Line, 900 MHz, 16" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-16R-0)	488.79	30.24
27 53 13 13-0015	EA	Double Mount Housing With Metal Pole For Slim Line 16" Round Analog Clock, Black (Sapling SAH-1BD-16R-0)	292.15	30.24
27 53 13 13-0016		Wireless GPS Accesories (Sapling) *(27 53 13 13-0001)*		
27 53 13 13-0017	EA	GPS Mounting Kit (Sapling M-GPS-MTG-KIT-1)	81.68	24.19
27 53 13 13-0018	EA	Wall Mount, L-Shape, GPS Mounting Kit (Sapling M-GPS-MTG90-KIT-1)	114.98	24.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0019	EA	GPS Antenna Cable, 150 Foot (45.7 Meters) Length (Sapling E-ANT-CBL150F-1)	979.99	52.92
27 53 13 13-0020	EA	GPS Antenna Cable, 300 Foot (91.4 Meters) Length (Sapling E-ANT-CBL300F-1)	1,740.57	75.60
27 53 13 13-0021	EA	GPS Surge Protector/Arrestor (Sapling E-GPS-SURGE-1)	608.12	6.04
27 53 13 13-0022		2.4 GHz, 2.5", 6-Digit, Digital Messaging Wireless Clock System (Sapling SLDG 3000 Series) *(27 53 13 13)*		
		Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes. Quantities over 25 for all digital clocks are Non Cancelable, Non Returnable (NCNR). (50) Clock Mininum Quantity Required Per System order for SDLG-32S-256-4R. (25) Clock Mininum Quantity Required Per System order for SDLG-32S-256-1R. All digital clocks are available without bezel or without the housing. Contact Sapling for details. Contact Sapling for Factory Customized Message Options. All digital clocks are pre-loaded and shipped with the following messages below: (1) Tornado Warning (2) Inclement Weather (3) Take Cover (4) Evacuate (5) Lockdown (6) Fire (7) Early Dismissal (8) Flood Warning (9) Earthquake (10) Code Blue (11) All Clear (12) Operation in Progress (13) Test in Progress (14) Lunch Break (15) Shift Break.		
27 53 13 13-0023	EA	3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount (Sapling SDLG-32S-256-4R)	1,293.84	90.71
		Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.		
27 53 13 13-0024	EA	3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 110 Volt, Surface Wall Mount (Sapling SDLG-32S-256-1R)	1,323.24	90.71
		Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.		
27 53 13 13-0025	EA	3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount And Relay Output/Input (Sapling SDLG-33S-256-4R)	1,583.54	90.71
		Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.		
27 53 13 13-0026	EA	3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 110 Volt, Surface Wall Mount And Relay Output/Input (Sapling SDLG-33S-256-1R)	1,612.94	90.71
		Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.		
27 53 13 13-0027	EA	Short Metal Pole For Ceiling Mount Only For Double/Flag Mount, 8.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-01S-0)	174.82	24.19
27 53 13 13-0028	EA	Metal Pole For Double/Flag Mount, Wall Or Ceiling, 13.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-00S-0)	174.82	24.19
27 53 13 13-0029	EA	Clock Message Setup Fee, Per Clock (Sapling CLK-MSG-SETUP)	30.27	
27 53 13 13-0030	EA	USB Programming Cable + Software For 3200/3300 Digital Clocks (Sapling D-USB485-INTF-1)	244.45	3.03
27 53 13 13-0031	EA	Elapsed Timer Control Panel For 3200/3300 Clock Model (Sapling SBD-ELT-001-0)	488.92	6.04
27 53 13 13-0032	EA	Elapsed Timer Specialty Buttons Kit (Sapling SBD-ELT-BUT-0)	89.29	3.03
27 53 13 13-0033	EA	Elapsed Timer Clear Protective Cover - Set of 2 Covers (Sapling A-ELT-CLR-GUARD-1)	17.86	0.60
27 53 13 13-0034	EA	Temperature Sensor for 3200/3300 Digital Clock Model (Sapling SBD-TEMP-000-0)	112.00	6.04
27 53 13 13-0035		2.4 GHz Wireless Message System/Master Clock And Transmitter (Sapling SMM 3000 Series) *(27 53 13 13)*		
		Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0036	EA	Master Clock With 2.4 GHz Transmitter For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G008-1)	6,392.75	90.71
27 53 13 13-0037	EA	Master Clock With 2.4 GHz Transmitter And GPS For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G108-1)	8,795.90	90.71
27 53 13 13-0038	EA	Message Input Box, 16 Inputs, Rack Mount, For SMM Master Clock (Sapling SMI-000-0016-0)	2,822.91	60.47
27 53 13 13-0039	EA	Wireless Network Repeater, 2.4 GHz, 110 VAC - 230 VAC, with TCP/IP for Campus Environments, Surface Wall Mount (Sapling SMA-1SM-G000-1	1,622.93	60.47
27 53 13 13-0040	EA	NTP Server Upgrade (Sapling SMA-000-SERV-0)	3,027.40	
27 53 13 13-0041	EA	Countdown Feature Upgrade (Sapling SMA-000-CDOW-0)	1,498.56	
27 53 13 13-0042		Clear Polycarbonate Protective Covers For Wireless Clocks (Sapling) *(27 53 13 13)*		
		Note: For applications requiring defense against constant moisture or fine dust, a silicone sealant betwen the cover and wall is recommended.		
27 53 13 13-0043	EA	Clear Polycarbonate Protective Cover For 9" Square And 12" Round Analog Clock (Sapling SAG-CLR-COVR-12)	411.69	15.12
27 53 13 13-0044	EA	Clear Polycarbonate Protective Cover For 2.5" Digital Clock (Sapling SDG-CLR-COVR-25)	411.69	15.12
27 53 13 13-0045		Wire Guards For Wireless Synchronized Clocks (Sapling) *(27 53 13 13)*		
27 53 13 13-0046	EA	Wire Guard For Round Or Square Analog Clocks (Sapling SAG-1200)	228.38	15.12
27 53 13 13-0047	EA	Wire Guard for 2.5" or 4.0" Digital Clocks (Sapling SDG-2017)	317.73	15.12
27 53 13 13-0048		Wireless Synchronized Clock Transmitters *(27 53 13 13)*		
27 53 13 13-0049		Analog, Wireless Synchronized Clocks (Primex Traditional Series) *(27 53 13 13-0048)*		
27 53 13 13-0050	EA	12.5", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock	262.30	30.24
		For >100 To 250, Deduct	*-45.38*	
		For >250, Deduct	*-53.45*	
27 53 13 13-0051	EA	12.5", Battery Operated, Dual Sided, Analog, Wireless Synchronized Clock	464.13	30.24
		For >100 To 250, Deduct	*-31.25*	
		For >250, Deduct	*-37.31*	
27 53 13 13-0052	EA	16", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock	304.06	30.24
		For >100 To 250, Deduct	*-52.90*	
		For >250, Deduct	*-62.64*	
27 53 13 13-0053	EA	12.5", Electric, Single Sided, Analog, Wireless Synchronized Clock	297.10	30.24
		For >100 To 250, Deduct	*-51.64*	
		For >250, Deduct	*-61.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0054	EA	12.5", Electric, Dual Sided, Analog, Wireless Synchronized Clock	533.73	30.24
		For >100 To 250, Deduct	*-35.08*	
		For >250, Deduct	*-42.18*	
27 53 13 13-0055	EA	16", Electric, Single Sided, Analog, Wireless Synchronized Clock	338.86	30.24
		For >100 To 250, Deduct	*-39.67*	
		For >250, Deduct	*-50.81*	
27 53 13 13-0056		Digital, Wireless Synchronized Clocks (Primex Digital Series) *(27 53 13 13-0048)*		
27 53 13 13-0057		4-Digit, Digital, Wireless Synchronized Clocks *(27 53 13 13-0056)*		
27 53 13 13-0058	EA	2.5", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	380.62	30.24
		For Green LED, Add	*32.02*	
		For >100 To 250, Deduct	*-34.66*	
		For >250, Deduct	*-50.67*	
27 53 13 13-0059	EA	2.5", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	700.76	30.24
		For Green LED, Add	*64.03*	
		For >100 To 250, Deduct	*-73.08*	
		For >250, Deduct	*-181.93*	
27 53 13 13-0060	EA	4", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	422.37	30.24
		For Green LED, Add	*36.19*	
		For >100 To 250, Deduct	*-25.34*	
		For >250, Deduct	*-36.19*	
27 53 13 13-0061	EA	4", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	784.28	30.24
		For Green LED, Add	*72.38*	
		For >100 To 250, Deduct	*-66.96*	
		For >250, Deduct	*-204.48*	
27 53 13 13-0062		6-Digit, Digital, Wireless Synchronized Clocks *(27 53 13 13-0056)*		
27 53 13 13-0063	EA	2.5", Single Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock	422.37	30.24
		For Green LED, Add	*36.19*	
		For >100 To 250, Deduct	*-28.96*	
		For >250, Deduct	*-40.54*	
27 53 13 13-0064	EA	2.5", Dual Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock	784.28	30.24
		For Green LED, Add	*72.38*	
		For >100 To 250, Deduct	*-60.44*	
		For >250, Deduct	*-139.34*	
27 53 13 13-0065	EA	2.5", Flush Mount, 6-Digit, Red LED Digital, Wireless Synchronized Clock	491.97	30.24
		For Green LED, Add	*43.15*	
		For >100 To 250, Deduct	*-24.15*	
		For >250, Deduct	*-34.94*	
27 53 13 13-0066		Wire Guards For Wireless Synchronized Clocks *(27 53 13 13-0048)*		
27 53 13 13-0067	EA	18" x 18" Analog Clock Wire Guard For 16" Wireless Synchronized Clocks	134.64	15.12
27 53 13 13-0068	EA	Digital Clock Wire Guard For 2.5" Wireless Synchronized Clocks	65.04	15.12
27 53 13 13-0069	EA	Digital Clock Wire Guard For 4" Wireless Synchronized Clocks	72.00	15.12
27 53 13 13-0070		Wireless Synchronized Clock Transmitters *(27 53 13 13-0048)*		
		Note: Includes 16 channel transmitter with daylight savings bypass and time zone switch, GPS receiver, 16' cable and window installation hardware.		
27 53 13 13-0071	EA	Internal Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000)	2,819.16	90.71
		For Roof Mounted GPS Receiver, Add	*444.80*	
27 53 13 13-0072	EA	External Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000-E)	4,566.04	90.71
		Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.		
		For Roof Mounted GPS Receiver, Add	*619.49*	
27 53 13 13-0073	EA	Repeater, Satellite Transmitter (Primex 14006)	2,758.69	60.47
		Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.		
27 53 13 13-0074		Accessories For Wireless Synchronized Clock Transmitters *(27 53 13 13-0048)*		
27 53 13 13-0075	EA	External Antenna Mounting Kit For Wireless Synchronized Clock Transmitters	257.17	24.19
27 53 13 13-0076	EA	Transmitter Rack For Wireless Synchronized Clock Transmitters	120.76	24.19
27 53 13 13-0077	EA	Surge Protector And Battery Back Up For Wireless Synchronized Clock Transmitters	168.00	12.10
27 53 13 13-0078	EA	50' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	153.73	30.24
27 53 13 13-0079	EA	100' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	215.98	45.36
27 53 13 13-0080	EA	200' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	315.83	60.47
27 53 13 16		**Wired Clock Systems** *(27 53 13)*		
27 53 13 16-0001		Wired Self-Corrective Clock Systems *(27 53 13 16)*		
27 53 13 16-0002		Wired Self-Corrective Clocks *(27 53 13 16-0001)*		
27 53 13 16-0003		Analog, Wired Self-Corrective Clocks (Telecor) *(27 53 13 16-0002)*		
27 53 13 16-0004		24 Volt AC, Analog, Wired Self-Corrective Clocks *(27 53 13 16-0003)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 16-0005	EA	12", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	225.41	30.24
		For >50 To 100, Deduct	*-15.65*	
		For >100, Deduct	*-22.25*	
27 53 13 16-0006	EA	12", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	519.81	30.24
		For >50 To 100, Deduct	*-27.42*	
		For >100, Deduct	*-45.80*	
27 53 13 16-0007	EA	16", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	279.70	30.24
		For >50 To 100, Deduct	*-20.01*	
		For >100, Deduct	*-28.78*	
27 53 13 16-0008	EA	16", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	682.67	30.24
		For >50 To 100, Deduct	*-71.27*	
		For >100, Deduct	*-96.16*	
27 53 13 16-0009		**120 Volt AC, Analog, Wired Self-Corrective Clocks** *(27 53 13 16-0003)*		
27 53 13 16-0010	EA	12", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	225.41	30.24
		For >50 To 100, Deduct	*-15.65*	
		For >100, Deduct	*-22.25*	
27 53 13 16-0011	EA	12", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	519.81	30.24
		For >50 To 100, Deduct	*-27.42*	
		For >100, Deduct	*-45.80*	
27 53 13 16-0012	EA	16", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	279.70	30.24
		For >50 To 100, Deduct	*-20.01*	
		For >100, Deduct	*-28.78*	
27 53 13 16-0013	EA	16", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	682.67	30.24
		For >50 To 100, Deduct	*-71.27*	
		For >100, Deduct	*-96.16*	
27 53 13 16-0014		**Accessories For Analog Wired Self-Corrective Clocks** *(27 53 13 16-0003)*		
27 53 13 16-0015	EA	Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks	181.61	15.12
27 53 13 16-0016	EA	Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks	51.12	15.12
27 53 13 16-0017	EA	Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks	63.13	15.12
27 53 13 16-0018	EA	Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks	75.66	15.12
27 53 13 16-0019	EA	Combination Back Box For Speaker And Clock	153.17	24.19
27 53 13 16-0020		**Digital, Wired Self-Corrective Clocks (Telecor)** *(27 53 13 16-0002)*		
27 53 13 16-0021		**24 Volt AC, Digital, Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0022	EA	2.5", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	275.52	30.24
		For Surface Mount, Add	*43.01*	
		For >50 To 100, Deduct	*-12.90*	
		For >100, Deduct	*-21.51*	
27 53 13 16-0023	EA	4", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	417.50	30.24
		For Surface Mount, Add	*71.41*	
		For >50 To 100, Deduct	*-21.42*	
		For >100, Deduct	*-35.70*	
27 53 13 16-0024		**120 Volt AC, Digital, Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0025	EA	2.5", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	275.52	30.24
		For Surface Mount, Add	*43.01*	
		For >50 To 100, Deduct	*-12.90*	
		For >100, Deduct	*-21.51*	
27 53 13 16-0026	EA	4", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	417.50	30.24
		For Surface Mount, Add	*71.41*	
		For >50 To 100, Deduct	*-21.42*	
		For >100, Deduct	*-35.70*	
27 53 13 16-0027		**Replacement Modules For 24 Volt AC, Digital, Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0028	EA	2.5", Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks	237.43	30.24
		For >50 To 100, Deduct	*-10.62*	
		For >100, Deduct	*-17.70*	
27 53 13 16-0029	EA	4" Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks	383.05	30.24
		For >50 To 100, Deduct	*-19.35*	
		For >100, Deduct	*-32.26*	
27 53 13 16-0030		**Replacement Modules For 120 Volt AC, Digital, Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0031	EA	2.5", Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks	237.43	30.24
		For >50 To 100, Deduct	*-10.62*	
		For >100, Deduct	*-17.70*	
27 53 13 16-0032	EA	4" Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks	383.05	30.24
		For >50 To 100, Deduct	*-19.35*	
		For >100, Deduct	*-32.26*	
27 53 13 16-0033		**Accessories For Digital Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0034	EA	Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks	245.29	15.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 16-0035	EA	2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	63.65	15.12
27 53 13 16-0036	EA	4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	85.57	15.12
27 53 13 16-0037	EA	Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks	215.02	15.12
27 53 13 16-0038	EA	4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks	65.22	15.12
27 53 13 16-0039		Wired Self-Corrective Master Clocks *(27 53 13 16-0001)*		
27 53 13 16-0040		Wired Self-Corrective Master Clocks *(27 53 13 16-0039)*		
27 53 13 16-0041	EA	24 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24)	2,567.54	241.91
27 53 13 16-0042	EA	120 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120)	2,724.14	241.91
27 53 13 16-0043		Accessories For Wired Self-Corrective Master Clocks *(27 53 13 16-0039)*		
27 53 13 16-0044	EA	5 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2405)	279.13	60.47
27 53 13 16-0045	EA	10 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2406)	312.00	60.47
27 53 13 16-0046		Other Clock And Program Systems *(27 53 13 16)*		
27 53 13 16-0047	EA	4 Circuit Master Clock And Signal Control (Lathem LTR4-512)	1,909.19	120.96
27 53 13 16-0048	EA	8 Circuit Master Clock And Signal Control (Lathem LTR8-512)	2,309.18	241.91
27 53 13 16-0049	EA	Program Bell (Lathem 906-6)	281.51	60.47
27 53 13 16-0050	EA	Combination Clock And Speaker	639.20	151.19

END OF SECTION 27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

28 Electronic Safety and Security

Note: Termination costs are included with all safety and security equipment, panel boards, and devices. Terminations are not included with patch panels.

28 05 Common Work Results for Electronic Safety and Security *(28)*

28 05 26 Grounding and Bonding for Electronic Safety and Security *(28 05)*

See CSI section 26 05 26 00-0000 for grounding and bonding.

28 05 53 Identification for Electronic Safety and Security *(28 05)*

See CSI section 26 05 53 00-0000 for identification.

28 10 Access Control *(28)*

Note: Includes testing of new devices and certification.

28 15 Integrated Access Control Hardware Devices *(28 10)*

28 15 11 Integrated Credential Readers and Field Entry Management *(28 15)*

28 15 11 13 Keypads *(28 15 11)*

28 15 11 13-0001 Vindicator Security Alarm System *(28 15 11 13)*

28 15 11 13-0002	EA	Switch, Balanced Magnetic Door (Security) Vindicator #192-30894-00	1,607.22	252.19
28 15 11 13-0003	EA	Detector, Passive Infrared (Security) Vindicator #316-30812-00	2,031.41	327.79
28 15 11 13-0004	EA	Premise Control Unit (Security) Vindicator #548-32004-01	11,112.26	718.46
28 15 11 13-0005	EA	Access Manager (Security Key Pad) Vindicator #548-31894-01	5,263.50	612.27
28 15 11 13-0006	EA	ALS Duress Switch (Security) Vindicator #192-30810-00	1,290.96	334.92

28 16 Access Control Interfaces *(28 10)*

28 16 11 Access Control Interfaces to Access Control Hardware *(28 16)*

28 16 11 00-0001 Stand Alone Access Controls *(28 16 11)*

28 16 11 00-0002 Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0003 Interior Mount, Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0002)*

28 16 11 00-0004	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls Note: Controls mount to a standard mullion.	142.86	30.24
28 16 11 00-0005	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	149.72	30.24
28 16 11 00-0006	EA	Three Button, Push Button Controls, Interior Stand Alone Access Controls For Gate Operators Note: Controls mount into a single gang electrical box. Excludes electrical box.	189.20	30.24

28 16 11 00-0007 Exterior Mount, Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0002)*

Note: Includes a lockable, gasketed 16 gauge steel enclosure. Excludes mounting posts.

28 16 11 00-0008	EA	Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	179.47	30.24
28 16 11 00-0009	EA	42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls Note: Includes post, mounting base and push button control. Excludes concrete foundation.	865.69	90.71
28 16 11 00-0010	EA	Three Button, Exterior Stand Alone Access Controls For Gate Operators Note: Includes open, close and stop controls.	292.18	30.24

28 16 11 00-0011 Key Controls, Stand Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0012 Interior Mount, Key Controls, Stand Alone Access Controls *(28 16 11 00-0011)*

28 16 11 00-0013	EA	Standard Mortise Key, Key Controls, Interior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	202.07	30.24

28 16 11 00-0014 Exterior Mount, Key Controls, Stand Alone Access Controls *(28 16 11 00-0011)*

Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.

28 16 11 00-0015	EA	Postal Or Fire Department Lock Box, Key Controls, Exterior Stand Alone Access Controls Note: Opens door or gate with a postal or fire department key.	309.76	60.47
28 16 11 00-0016	EA	Standard Mortise Key, Key Controls, Exterior Stand Alone Access Controls	491.70	60.47
28 16 11 00-0017	EA	Ace Key, Key Controls, Exterior Stand Alone Access Controls	491.70	60.47
28 16 11 00-0018	EA	Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand Alone Access Controls	752.59	60.47

28 16 11 00-0019 Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0020 Interior Mount, Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0019)*

28 16 11 00-0021	EA	One Code Memory, Keypad Control, Interior Stand Alone Access Controls Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.	283.60	30.24

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0022		Exterior Mount, Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0019)* Note: Includes a surface mounted lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0023		Keypad Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0022)*		
28 16 11 00-0024	EA	1000 Code Memory, Keypad Control, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.	1,185.92	120.96
		For Flush Mount, Add	*212.40*	
28 16 11 00-0025		Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls *(28 16 11 00-0022)* Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0026	EA	1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.	1,439.28	136.07
		For Flush Mount, Add	*262.61*	
28 16 11 00-0027		RF Controls, Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0028		Exterior Mount, RF Controls, Stand Alone Access Controls *(28 16 11 00-0027)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 16 11 00-0029		RF Receivers, RF Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0028)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 16 11 00-0030	EA	50 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	705.33	120.96
28 16 11 00-0031	EA	100 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	798.02	120.96
28 16 11 00-0032	EA	250 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	887.27	120.96
28 16 11 00-0033	EA	500 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	983.38	120.96
28 16 11 00-0034	EA	1000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	1,072.64	120.96
28 16 11 00-0035	EA	5000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	1,168.75	120.96
28 16 11 00-0036	EA	16000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	1,258.00	120.96
28 16 11 00-0037		RF Transmitters, RF Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0028)*		
28 16 11 00-0038	EA	1 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	58.36	
		For >40 To 110, Deduct	*-2.92*	
		For >110, Deduct	*-5.84*	
		For Built In Proximity Tags, Add	*11.67*	
28 16 11 00-0039	EA	2 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	61.79	
		For >40 To 110, Deduct	*-3.09*	
		For >110, Deduct	*-6.18*	
		For Built In Proximity Tags, Add	*12.36*	
28 16 11 00-0040	EA	3 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	65.22	
		For >40 To 110, Deduct	*-3.26*	
		For >110, Deduct	*-6.52*	
		For Built In Proximity Tags, Add	*13.04*	
28 16 11 00-0041		Accessories For RF Receivers, Exterior Stand Alone Access Controls *(28 16 11 00-0028)*		
28 16 11 00-0042	EA	Coax Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 15' of coax cable.	263.82	90.71
28 16 11 00-0043	EA	Antenna Amplifier For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 20' of coax cable.	524.71	90.71
28 16 11 00-0044	EA	Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 15' of coax cable.	476.65	90.71
28 16 11 00-0045		Proximity Card Controls, Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0046		Exterior Mount, Proximity Card Controls, Stand Alone Access Controls *(28 16 11 00-0045)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0047		DKS Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0048		DKS Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0047)*		
28 16 11 00-0049	EA	DKS Proximity Card Reader, Exterior Stand Alone Access Controls	1,357.55	120.96
28 16 11 00-0050		AWID Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0051		AWID Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0050)*		
28 16 11 00-0052	EA	AWID Proximity Card Reader, Exterior Stand Alone Access Controls	1,477.70	120.96
28 16 11 00-0053		HID Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0054		HID Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0053)*		
28 16 11 00-0055	EA	HID Proximity Card Reader, Exterior Stand Alone Access Controls	1,752.32	120.96

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0056		Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0057		Interior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0056)*		
28 16 11 00-0058	EA	Magnetic Stripe Reader, Interior Stand Alone Access Controls	808.31	120.96
28 16 11 00-0059		Exterior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0056)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0060	EA	Magnetic Stripe Reader, Exterior Stand Alone Access Controls	1,002.15	120.96
28 16 11 00-0061		Other Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0062	EA	Toggle Switch, Interior Access Controls For Gate Operators Note: Controls mount into a single gang electrical box. Excludes electrical box.	137.71	30.24
28 16 11 00-0063	EA	Request To Exit Motion Detector (Bosch Security Systems DS160)	144.95	24.19
28 16 11 00-0064		Wiegand Output Access Controls *(28 16 11)* Note: Excludes controllers.		
28 16 11 00-0065		Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0064)*		
28 16 11 00-0066		DKS, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0067		DKS, Proximity Cards *(28 16 11 00-0066)*		
28 16 11 00-0068	EA	Clamshell Type, DKS Proximity Card (DKS 170)	9.13	
28 16 11 00-0069	EA	ISO Compliant Graphics Card, DKS Proximity Card (DKS 80)	15.06	
28 16 11 00-0070	EA	DKS Proximity Key Fob (DKS 50)	15.86	
28 16 11 00-0071	EA	Active Tag, DKS Proximity Tag (DKS 150) Note: Battery powered tag to boost signal.	89.71	
28 16 11 00-0072	EA	Active Tag, DKS Proximity Tag (DKS 200) Note: Battery powered tag to boost signal.	116.94	
28 16 11 00-0073		DKS, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0066)*		
28 16 11 00-0074	EA	Up To 2" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Small)	485.00	151.19
28 16 11 00-0075	EA	Up To 3" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Mullion)	485.00	151.19
28 16 11 00-0076	EA	Up To 4" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Single Gang)	485.00	151.19
28 16 11 00-0077	EA	Up To 30" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS) Note: Includes mounting bracket and 12 Volt DC regulated power supply.	1,340.44	151.19
28 16 11 00-0078		AWID, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0079		AWID, Proximity Cards *(28 16 11 00-0078)*		
28 16 11 00-0080	EA	Clamshell Type, AWID Proximity Card (AWID Prox-Linc CS)	7.69	
28 16 11 00-0081	EA	ISO Compliant Graphics Card, AWID Proximity Card (AWID Prox-Linc GR)	12.01	
28 16 11 00-0082	EA	AWID Proximity Key Fob (AWID Prox-Linc KT)	12.82	
28 16 11 00-0083	EA	Windshield Tag For LR 2000 Readers, AWID Proximity Tag	44.85	
28 16 11 00-0084	EA	Metal Mount Tag For LR 2000 Readers, AWID Proximity Tag	44.85	
28 16 11 00-0085		AWID, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0078)*		
28 16 11 00-0086	EA	Up To 4" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID SR 2400) Note: For mullion mounting.	590.73	151.19
28 16 11 00-0087	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800) Note: For mullion mounting.	821.41	151.19
28 16 11 00-0088	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6820) Note: For single gang electrical box mounting.	821.41	151.19
28 16 11 00-0089	EA	Up To 24" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MR 1824) Note: Includes 12 Volt DC regulated power supply.	1,343.65	151.19
28 16 11 00-0090	EA	Up To 11' Read Range, 12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID LR 2000) Note: Includes mounting bracket and 12 Volt DC regulated power supply.	7,610.48	151.19
28 16 11 00-0091		HID, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0092		HID, Proximity Cards *(28 16 11 00-0091)*		
28 16 11 00-0093	EA	Clamshell Type, HID Proximity Card (HID ProxCard II)	18.36	
28 16 11 00-0094	EA	ISO Compliant Graphics Card, HID Proximity Card (HID ISOProx II)	24.13	
28 16 11 00-0095	EA	HID Proximity Key Fob (HID ProxKey II)	24.77	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0096		HID, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0091)*		
28 16 11 00-0097	EA	Up To 3" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus) Note: For mullion mounting. (HID P/N 6005).	538.02	151.19
28 16 11 00-0098	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II) Note: For single gang electrical box mounting. (HID P/N 5395).	633.23	151.19
28 16 11 00-0099	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx) Note: For mullion mounting. (HID P/N 5365).	704.64	151.19
28 16 11 00-0100	EA	EntryProx Single-Door Proximity Access Control Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument CICR2358P.	897.44	151.19
28 16 11 00-0101		Contactless Smart Card Controls, Wiegand Output Access Controls *(28 16 11 00-0064)*		
28 16 11 00-0102		HID, Contactless Smart Cards *(28 16 11 00-0101)*		
28 16 11 00-0103	EA	2K Bits, Clamshell Type, HID iClass, Contactless Smart Card	14.10	
28 16 11 00-0104	EA	16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card	15.39	
28 16 11 00-0105	EA	16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card	20.14	
28 16 11 00-0106	EA	16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card Note: Battery powered tag to boost signal.	10.90	
28 16 11 00-0107		HID, Contactless Smart Card Readers, Wiegand Output Access Controls *(28 16 11 00-0101)*		
28 16 11 00-0108	EA	Up To 3-1/4" Read Range, 5-16 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10) Note: For mullion mounting.	556.63	151.19
28 16 11 00-0109	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40) Note: For mullion mounting.	768.09	151.19
28 16 11 00-0110	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40) Note: For mullion mounting.	1,243.87	151.19
28 16 11 00-0111		HID, Contactless Smart Card Programmer, Wiegand Output Access Controls *(28 16 11 00-0101)*		
28 16 11 00-0112	EA	HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400) Note: For mullion mounting.	3,919.81	151.19
28 16 11 00-0113		Call Station Controls, Wiegand Output Access Controls *(28 16 11 00-0064)* Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0114	EA	Call Station With Entry Keypad, Exterior Wiegand Output Access Controls Note: For mullion mounting.	1,538.17	151.19
28 16 11 00-0115	EA	Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls Note: For mullion mounting.	1,280.71	151.19
28 16 11 00-0116		Biometrics Readers, Wiegand Output Access Controls *(28 16 11 00-0064)*		
28 16 11 00-0117	EA	Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls	6,544.10	120.96
28 16 11 00-0118	EA	CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls	7,992.30	120.96
28 16 11 00-0119	EA	Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls	3,152.85	120.96
28 16 11 00-0120	EA	Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass)	1,991.47	120.96
28 16 11 00-0121	EA	Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox)	2,218.03	120.96
28 16 11 00-0122	EA	Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart)	1,991.47	120.96
28 16 11 00-0123		Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11)* Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections.		
28 16 11 00-0124		2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11 00-0123)*		
28 16 11 00-0125	EA	44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 5" x 5" base plate.	456.81	44.76
28 16 11 00-0126	EA	73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	861.88	44.76
28 16 11 00-0127	EA	Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	415.62	44.76
28 16 11 00-0128		4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11 00-0123)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0129	EA	59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	814.56	53.71
28 16 11 00-0130	EA	49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate and a 14" offset from back of post.	965.60	53.71
28 16 11 00-0131	EA	Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	605.16	53.71
28 16 11 00-0132		**4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11 00-0123)*		
28 16 11 00-0133	EA	59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 11" x 13" base plate.	2,588.68	67.14
28 16 11 00-0134	EA	50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 10" x 14" base plate and a 14" offset from back of post.	2,708.82	67.14
28 16 11 00-0135	EA	Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	1,146.92	22.38
28 16 11 00-0136	EA	48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls	1,799.14	67.14
28 16 11 00-0137		**Access Control Accessories** *(28 16 11)*		
28 16 11 00-0138	EA	6 Volt DC, 12 Volt DC, Or 24 Volt DC, At 4 Amperes, Power Supply/Charger (Altronix SMP-5)	626.20	
28 16 11 00-0139	EA	7 Amperes, 12 Volt, Battery	82.30	
28 16 11 00-0140	EA	18 Amperes, 12 Volt, Battery	183.45	
28 16 11 00-0141	EA	Door Personality Module (Sensormatic RM-4)	681.93	30.24
28 16 11 00-0142	EA	Mini-Alert Door Ajar Sounder (System Sensor PA400)	277.47	60.47
28 16 11 00-0143	EA	Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C)	84.72	36.29
28 16 11 00-0144	EA	Access Control Systems Power Supply (Altronix AL400ULACMCB)	750.51	24.19
28 16 11 00-0145	EA	Surge Suppressor (Tripp-Lite IBAR4)	113.27	6.05
28 16 11 00-0146	EA	Door Strike Relay (Altronix RBSN-TTL)	79.60	24.19
28 16 11 00-0147	EA	4" Diameter x 74" High, Powder Coated Steel, Burial Mount Gooseneck For Access Control Devices (GNB-1) Note: Set in concrete.	475.37	
28 16 11 00-0148	EA	16-Zone Input, Door Controller Expansion Module With 16" SPI Cable (Kantech KT-MOD-INP16)	672.13	151.19
28 16 11 00-0149		**Access Controllers** *(28 16 11)*		
28 16 11 00-0150		**Microterm Controller** *(28 16 11 00-0149)*		
28 16 11 00-0151	EA	Microterm Stand Alone One Or Two Door Processing Panel (Continental Instruments CICP1100) Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs.	1,730.01	151.19
28 16 11 00-0152	EA	Microterm PC Board (Continental Instruments CICP1100PCB)	1,249.50	90.71
28 16 11 00-0153	EA	Battery Standby For Microterm (Continental Instruments CICP1100BAT-2) Note: Input 120 Volt AC, output 12 Volt DC to temporarily power the Microterm only.	594.17	
28 16 11 00-0154		**Miniterm Controller** *(28 16 11 00-0149)*		
28 16 11 00-0155	EA	Miniterm Two Reader Processing Panel (Continental Instrument CICP1200) Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, temper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	2,710.14	151.19
28 16 11 00-0156	EA	Miniterm PC Board (Continental Instrument CICP1200PCB)	2,050.60	90.71
28 16 11 00-0157		**Super-2 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0158	EA	Super-Two - Two Reader Processing Panel (Continental Instruments CICP1300) Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation.	2,005.47	151.19
28 16 11 00-0159	EA	Super-Two - PC Board (Continental Instruments CICP1300BD)	1,377.11	90.71
28 16 11 00-0160	EA	Network Interface Board For Super-2 (Continental Instruments CICP1300NETBD) Note: Optional on-board adapter allows for communication over TCP/IP.	379.41	90.71
28 16 11 00-0161		**Smarterm Controller** *(28 16 11 00-0149)*		
28 16 11 00-0162	EA	Smarterm Four Reader Processing Panel (Continental Instrument CICP1400) Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	5,694.67	181.43
28 16 11 00-0163	EA	Smarterm PC Board (Continental Instrument CICP1400PCB)	4,385.68	90.71
28 16 11 00-0164	EA	Smarterm Memory Board - 256K (Continental Instrument CICP1400MB256-1) Note: Up to 10,000 cardholders.	1,704.98	90.71
28 16 11 00-0165	EA	Smarterm Memory Board - 2MB (Continental Instrument CICP1400MB2-1) Note: Up to 50,000 cardholders.	2,425.03	90.71
28 16 11 00-0166	EA	Smarterm Relay Expander Board (Continental Instrument CICP1400RB) Note: 16 Output relays, 8 alarm inputs.	1,885.48	90.71
28 16 11 00-0167	EA	Smarterm Alarm Expander Board (Continental Instrument CICP1400RB) Note: (Supervised) 16 alarm inputs.	1,885.48	90.71
28 16 11 00-0168		**Superterm-4 Controller** *(28 16 11 00-0149)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0169	EA	Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400UL) Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	5,255.27	181.43
28 16 11 00-0170	EA	Superterm-4 PC Board (Continental Instrument CICP1400ULPCB)	4,311.82	90.71
28 16 11 00-0171		**Superterm-8 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0172	EA	Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800) Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	6,992.61	302.38
28 16 11 00-0173	EA	Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800EXP) Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	7,592.65	302.38
28 16 11 00-0174	EA	Superterm-8 PC Board (Continental Instrument CICP1800PCB)	5,807.26	90.71
28 16 11 00-0175		**Turbo Superterm-4 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0176	EA	Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400ULT) Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	5,255.27	181.43
28 16 11 00-0177	EA	Turbo Superterm-4 PC Board (Continental Instrument CICP1400ULTPCB)	4,311.82	90.71
28 16 11 00-0178		**Turbo Superterm-8 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0179	EA	Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800T) Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	6,992.61	302.38
28 16 11 00-0180	EA	Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800TEXP) Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	7,592.65	302.38
28 16 11 00-0181	EA	Turbo Superterm-8 PC Board (Continental Instrument CICP1800TPCB)	5,807.26	90.71
28 16 11 00-0182	EA	Superterm Memory Board - 2MB (Continental Instrument CICP1800MB2) Note: Up to 140,000 cardholders.	2,425.03	90.71
28 16 11 00-0183	EA	Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICP1800MB2X2) Note: Up to 140,000 cardholders.	2,040.99	90.71
28 16 11 00-0184	EA	Turbo Superterm-8 Relay Expander Board (Continental Instrument CICP1800RB) Note: 16 Output relays, 8 alarm inputs.	1,887.42	90.71
28 16 11 00-0185	EA	Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICP1800RB) Note: (Supervised) 16 Alarm inputs.	1,887.42	90.71
28 16 11 00-0186	EA	Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICPEXPPWS)	769.65	
28 16 11 00-0187		**Intelligent Controller** *(28 16 11 00-0149)*		
28 16 11 00-0188	EA	Intelligent Controller With Paired Reader Interface for One Physical Barrier (Mercury Security EP-1501)	1,353.43	90.71
28 16 11 00-0189	EA	Up To 64 Doors, Access Controller (Mercury Security EP-1502)	2,336.84	151.19
28 16 11 00-0190		**Access Control Bundled System** *(28 16 11)*		
28 16 11 00-0191	EA	CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0) Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key.	38,116.11	
28 16 11 00-0192		**Magnetic Locks** *(28 16 11)* Note: Excludes access controls.		
28 16 11 00-0193		**Magnetic Door Locks** *(28 16 11 00-0192)*		
28 16 11 00-0194		**300 LB Magnetic Door Locks** *(28 16 11 00-0193)*		
28 16 11 00-0195	EA	Single Door, Surface Mount, 300 LB Magnetic Door Lock	650.41	120.96
28 16 11 00-0196		**600 LB Magnetic Door Locks** *(28 16 11 00-0193)*		
28 16 11 00-0197	EA	600 LB, Single Door, Surface Mount, Magnetic Door Lock	933.61	120.96
		For LED Status Indicator And Signal Relay, Add	*86.46*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*172.93*	
		For Mortise Mount, Deduct	*-138.34*	
28 16 11 00-0198	EA	600 LB, Dual Doors, Surface Mount, Magnetic Door Lock	1,398.75	120.96
		For LED Status Indicator And Signal Relay, Add	*144.61*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*289.21*	
28 16 11 00-0199		**1,200 LB Magnetic Door Locks** *(28 16 11 00-0193)*		
28 16 11 00-0200	EA	1,200 LB, Single Door, Surface Mount, Magnetic Door Lock	976.52	120.96
		For LED Status Indicator And Signal Relay, Add	*168.96*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*220.38*	
28 16 11 00-0201	EA	Dual Doors, Surface Mount, 1,200 LB Magnetic Door Lock	1,491.43	120.96
		For LED Status Indicator And Signal Relay, Add	*287.39*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*374.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0202		2,000 LB Shear Lock, Magnetic And Mechanical Locks *(28 16 11 00-0193)*		
		Note: Includes LED status indicator and built-in signal relay.		
28 16 11 00-0203	EA	Single Door, Mortise Mount, 2,000 LB Shear Lock, Magnetic And Mechanical Door Lock	1,022.86	120.96
28 16 11 00-0204		Magnetic Gate Locks *(28 16 11 00-0192)*		
28 16 11 00-0205		600 LB Magnetic Gate Locks *(28 16 11 00-0204)*		
28 16 11 00-0206	EA	600 LB Magnetic Gate Lock	763.69	120.96
28 16 11 00-0207		1,200 LB Magnetic Gate Locks *(28 16 11 00-0204)*		
28 16 11 00-0208	EA	1,200 LB Magnetic Gate Lock	919.88	120.96
		For LED Status Indicator And Signal Relay, Add	*84.75*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*169.49*	
		For Mortise Mount, Deduct	*-135.59*	
28 16 11 00-0209		Magnetic Lock Power Supply And Chargers *(28 16 11 00-0192)*		
		Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs.		
28 16 11 00-0210	EA	12/24 Volt DC At 1 Ampere, Magnetic Lock Backup Power Supply And Charger	563.86	120.96
28 16 11 00-0211	EA	12/24 Volt DC At 2-1/2 Amperes, Magnetic Lock Backup Power Supply And Charger	719.48	120.96
28 16 11 00-0212	EA	12 Volt DC At 4 Amperes And 24 Volt DC At 3 Amperes, Magnetic Lock Backup Power Supply And Charger	811.02	120.96
28 16 11 00-0213	EA	12/24 Volt DC At 6 Amperes, Magnetic Lock Backup Power Supply And Charger	1,021.56	120.96
28 16 11 00-0214		NexWatch Access Control Devices *(28 16 11)*		
28 16 11 00-0215		Analog Card Reader System *(28 16 11 00-0214)*		
28 16 11 00-0216	EA	ALTO 818SC, 8-Door System Controller, Supports Analog, Digital Readers and Keypad	15,767.62	1,451.44
28 16 11 00-0217	EA	Power Supply, Multi Outputs 3718S Power Supply Battery Standby System, Selectable	4,271.13	362.86
28 16 11 00-0218	EA	774A-1 Multi-Switch Monitor (MSM) with enclosure	1,476.36	193.53
28 16 11 00-0219	EA	2708 Analog Reader	1,476.36	193.53
28 16 11 00-0220		Digital Card Reader System *(28 16 11 00-0214)*		
28 16 11 00-0221	EA	PI-1 Power Inserter (24 Volt) with power cable, 115 Volt	1,899.43	217.71
28 16 11 00-0222	EA	PI Universal power supply, 110/220	549.63	90.71
28 16 11 00-0223	EA	NexLine Coax Adapter	385.76	48.38
28 16 11 00-0224	EA	NexLine Plus MSM Replacement And Coax Adapter	1,511.39	114.90
28 16 11 00-0225	EA	Star I Controller	4,218.18	423.34
28 16 11 00-0226	EA	Star II Controller	4,218.18	423.34
28 16 11 00-0227	EA	Star I And II Controller Four Door Chip Set	2,188.40	211.67
28 16 11 00-0228	EA	Star I And II Controller Eight Door Chip Set	3,745.57	211.67
28 16 11 00-0229	EA	Large Cabinet (room for three full-size boards or six half-height boards 25" x 21" x 4")	1,059.24	163.28
28 16 11 00-0230	EA	Micro 16/8 Board	4,259.51	84.67
28 16 11 00-0231	EA	DR4201 Low Profile DigiReader (HID Compatible)	942.25	241.91
28 16 11 00-0232	EA	DR4203 Mullion-Mount DigiReader	1,396.91	284.24
28 16 11 00-0233	EA	DR4205K DigiReader with Integrated Keypad, 12 - 24 Volt with Tamper	1,396.91	284.24
28 16 11 00-0234	EA	DR4208 Digital Proximity Reader with Increased Read Range	1,280.06	284.24
28 16 11 00-0235	EA	DR4208K DigiReader with Integrated Keypad	1,396.91	284.24
28 16 11 00-0236	EA	DR4208GM DigiReader with Glass-Mount Capability	1,513.77	284.24
28 16 11 00-0237	EA	DR4220 Long Range Proximity Reader	2,565.46	284.24
28 16 11 00-0238	EA	Trim Plate for DR4201	55.65	6.04
28 16 11 00-0239	EA	Trim Plate for DR4205	102.71	6.04
28 16 11 00-0240	EA	Standoff	108.53	9.07
28 16 11 00-0241	EA	PS2805AD Dual Mode Digital/Analog Proximity Sensor	1,389.95	108.86
28 16 11 00-0242	EA	DR4200K DigiReader Weatherized 10-Key Keypad Reader	1,009.87	72.57
28 16 11 00-0243		Radionics Alarm *(28 16 11 00-0214)*		
28 16 11 00-0244	EA	2212 Alarm Package	1,453.78	193.53
28 16 11 00-0245	EA	7412 8 - 156 Zone Panel	2,676.57	362.86
28 16 11 00-0246	EA	1255D Alpha Numeric Key Pad	456.51	60.47
28 16 11 00-0247	EA	2071 Fire Dialer Ademco Alarm Button	230.98	30.24
28 16 11 00-0248		Master Door Buzzer Stations *(28 16 11)*		
28 16 11 00-0249		Master Stations *(28 16 11 00-0248)*		
28 16 11 00-0250	EA	Master Stations, 5 Station Intercommunication Equipment	1,138.08	188.69
28 16 11 00-0251	EA	Master Stations, 10 Station Intercommunication Equipment	1,710.24	365.28
28 16 11 00-0252	EA	Master Station, Desk Style Remote Intercommunication Equipment	489.18	94.34
28 16 11 00-0253	EA	Master Station, Flush Wall Remote Intercommunication Equipment	626.10	157.24
28 16 11 00-0254	EA	Sound System Outlet, Protector	160.76	61.57
28 16 11 00-0255	EA	Sound System Microphone Outlet	281.25	126.03
28 16 11 00-0256	EA	Ceiling Or Wall, Sound System Speaker	215.12	61.57
28 16 11 00-0257	EA	Sound System Monitor Panel	628.37	126.03
28 16 11 00-0258	EA	Sound System Volume Control	185.83	61.57

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28 16 11 00-0259	EA	250 Watt, Sound System Amplifier	2,906.97	504.02
28 16 11 00-0260	EA	Sound System Cabinet	1,697.97	504.02
28 16 11 00-0261		**Master Door Stations** *(28 16 11 00-0248)*		
28 16 11 00-0262	EA	Master Door Stations, Button Buzzer Type, 25 Station	2,506.67	
		For Intercom Type Master Door Station, Add	*208.80*	
28 16 11 00-0263	EA	Master Door Stations, Button Buzzer Type, 50 Station	4,151.35	
		For Intercom Type Master Door Station, Add	*338.26*	
28 16 11 00-0264	EA	Master Door Stations, Button Buzzer Type, 75 Station	5,696.65	
		For Intercom Type Master Door Station, Add	*438.48*	
28 16 11 00-0265	EA	Master Door Stations, Button Buzzer Type, 100 Station	6,511.89	
		For Intercom Type Master Door Station, Add	*513.65*	
28 16 11 00-0266	EA	Master Door Stations, Button Buzzer Type, 150 Station	7,905.29	
		For Intercom Type Master Door Station, Add	*751.68*	
28 16 11 00-0267	EA	Master Door Stations, Button Buzzer Type, 200 Station	9,277.10	
		For Intercom Type Master Door Station, Add	*968.83*	
28 16 11 00-0268	EA	Master Door Stations, Button Buzzer Type, 250 Station	11,679.29	
		For Intercom Type Master Door Station, Add	*1,252.60*	
28 16 11 00-0269	EA	Master Door Stations, Button Buzzer Type, 300 Station	13,951.60	
		For Intercom Type Master Door Station, Add	*1,436.54*	
28 16 11 00-0270	EA	Transformer	175.25	
28 16 11 00-0271	EA	Door Opener	259.34	
28 16 11 00-0272	EA	Buzzer With Door Release And Plate	319.86	
28 16 11 00-0273	EA	Amplifier For Intercom Type Unit	524.90	
28 16 11 00-0274	EA	Speaker With Door Release	220.49	
28 16 11 00-0275		**Access Controls (Sielox)** *(28 16 11)*		
28 16 11 00-0276	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs . Includes Integrated Uninterruptible Power Supply And Large Enclosure (SLX150-E4) (Sielox AC-1700-150E4-2D)	2,432.31	175.34
28 16 11 00-0277	EA	4-Reader Ethernet/RS485 Kit: Supports 4 Door Strikes, 4 Door Contacts, 4 REX Inputs, 8 Sup./Unsup. Inputs, 8 Sup./Unsup. Outputs . Includes Integrated Uninterruptible Power Supply And Large Enclosure (SLX150-E4) (Sielox AC-1700-150E4-4D)	4,045.26	291.61
28 16 11 00-0278	EA	6-Reader Ethernet/RS485 Kit: Supports 6 Door Strikes, 6 Door Contacts, 6 REX Inputs, 12 Sup./Unsup. Inputs, 12 Sup./Unsup. Outputs Includes Integrated Uninterruptible Power Supply And Large Enclosure (SLX150-E4) (Sielox AC-1700-150E4-6D)	5,658.22	407.89
28 16 11 00-0279	EA	8-Reader Ethernet/RS485 Kit : Supports 8 Door Strikes, 8 Door Contacts, 8 REX Inputs, 16 Sup./Unsup. Inputs, 16 Sup./Unsup. Outputs Includes Integrated Uninterruptible Power Supply And Large Enclosure (SLX150-E4) (Sielox AC-1700-150E4-8D)	7,271.17	524.16
28 16 11 00-0280	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs. Includes Sielox Large Enclosure and 1 - LifeSafety 75W Power Supply With Separate Enclosure (Sielox AC-1700-LN-2-PS75)	2,506.52	180.69
28 16 11 00-0281	EA	4-Reader Ethernet/RS485 Kit:Supports 4 Door Strikes, 4 Door Contacts, 4 REX Inputs, 8 Sup./Unsup. Inputs, 8 Sup./Unsup. Outputs. Includes Sielox Large Enclosure and 1 - LifeSafety 75W Power Supply With Separate Enclosure (Sielox AC-1700-LN-4-PS75)	4,119.48	296.96
28 16 11 00-0282	EA	6-Reader Ethernet/RS485 Kit:Supports 6 Door Strikes, 6 Door Contacts, 6 REX Inputs, 12 Sup./Unsup. Inputs, 12 Sup./Unsup. Outputs. Includes Sielox Large Enclosure and 1 - LifeSafety 75W Power Supply With Separate Enclosure (Sielox AC-1700-LN-6-PS75)	5,732.44	413.25
28 16 11 00-0283	EA	8-Reader Ethernet/RS485 Kit: Supports 8 Door Strikes, 8 Door Contacts, 8 REX Inputs, 16 Sup./Unsup. Inputs, 16 Sup./Unsup. Outputs . Includes Sielox Large Enclosure and 1 - LifeSafety 75W Power Supply With Separate Enclosure (Sielox AC-1700-LN-8-PS75)	7,345.41	529.52
28 16 11 00-0284	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs. Includes Sielox Large Enclosure and 1 - LifeSafety 150W Power Supply With Separate Enclosure (Sielox AC-1700-LN-2-PS150)	2,660.69	191.81
28 16 11 00-0285	EA	4-Reader Ethernet/RS485 Kit:Supports 4 Door Strikes, 4 Door Contacts, 4 REX Inputs, 8 Sup./Unsup. Inputs, 8 Sup./Unsup. Outputs. Includes Sielox Large Enclosure and 1 - LifeSafety 150W Power Supply With Separate Enclosure (Sielox AC-1700-LN-4-PS150)	4,273.65	308.07
28 16 11 00-0286	EA	6-Reader Ethernet/RS485 Kit:Supports 6 Door Strikes, 6 Door Contacts, 6 REX Inputs, 12 Sup./Unsup. Inputs, 12 Sup./Unsup. Outputs. Includes Sielox Large Enclosure and 1 - LifeSafety 150W Power Supply With Separate Enclosure (Sielox AC-1700-LN-6-PS150)	5,886.59	424.35
28 16 11 00-0287	EA	8-Reader Ethernet/RS485 Kit: Supports 8 Door Strikes, 8 Door Contacts, 8 REX Inputs, 16 Sup./Unsup. Inputs, 16 Sup./Unsup. Outputs . Includes Sielox Large Enclosure and 1 - LifeSafety 150W Power Supply With Separate Enclosure (Sielox AC-1700-LN-8-PS150)	7,499.56	540.63
28 16 11 00-0288	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs . Includes SLX75-E1 - Holds 1 Controller. (Sielox AC-1700-75E1-2D)	2,078.30	149.82
28 16 11 00-0289	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs . Includes SLX75-E2 - Holds 1 Controller. (Sielox AC-1700-75E2-2D)	2,152.52	155.17
28 16 11 00-0290	EA	4- Reader Ethernet/RS485 Kit: Supports 4 Door Strikes, 4 Door Contacts, 4 REX Inputs, 8 Sup./Unsup. Inputs, 8 Sup./Unsup. Outputs . Includes SLX75-E2. Holds up to 2 Controllers. (Sielox AC-1700-75E2-4D)	3,765.48	271.45
28 16 11 00-0291	EA	Retrofit Mounting Plate - For mounting up to 2 AC-1700 Controller Boards in the AC-1500 large enclosure or other large enclosures (Sielox AC-1700-RMP-2)	114.19	8.22
28 16 11 00-0292	EA	AC-1700 Connector Kit. (Can be used with 16-Bit Controllers) (Sielox AC-1700-CK)	114.19	8.22
28 16 11 00-0293	EA	AC-1700 I/O Backplane Kit: Includes: AC-1700-BP7 I/O Backplane, AC-1700-IOMP Mounting Plate, AC-PRDUAL and AC-PWRS Standard Power Supply. Requires Input or Output Modules (AC-IEK or AC-OEK). Enclosure not included. (Sielox AC-1700-MS-IO)	1,144.77	82.53
28 16 11 00-0294	EA	2- Door Pinnacle Ultra Package, 1- Controller (6201700) with SLX UPS Power Supply (SLX75-E2) and Enclosure. (Sielox AC-PUL-75E2-2D)	2,466.54	177.81
28 16 11 00-0295	EA	4- Door Pinnacle Ultra Package, 2- Controllers (6201700) with SLX UPS Power Supply (SLX75-E2) and Enclosure. (Sielox AC-PUL-75E2-4D)	4,079.50	294.08
28 16 11 00-0296	EA	2- Door Pinnacle Ultra Package, 1- Controller (6201700) with SLX UPS Power Supply (SLX150-E4) and Enclosure. (Sielox AC-PUL-150E4-2D)	2,746.33	197.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0297	EA	4 Door Pinnacle Ultra Package, 2-Controllers (6201700) with SLX UPS Power Supply (SLX150-E4) and Enclosure. (Sielox AC-PUL-150E4-4D)	4,359.29	314.26
28 16 11 00-0298	EA	6 Door Pinnacle Ultra Package, 3 -Controllers (6201700) with SLX UPS Power Supply (SLX150-E4) and Enclosure. (Sielox AC-PUL-150E4-6D)	5,972.26	430.53
28 16 11 00-0299	EA	8 Door Pinnacle Ultra Package 4 -Controller (6201700) with SLX UPS Power Supply (SLX150-E4) and Enclosure. (Sielox AC-PUL-150E4-8D)	7,585.22	546.80
28 16 11 00-0300	EA	2-Door Pinnacle Ultra Package, 1- Controller (6201700), Small Enclosure Kit (6800111) and 1 - LifeSafety 75W Power Supply With Separate Enclosure. (Sielox AC-PULS-1700-2D-PS75)	2,734.90	197.15
28 16 11 00-0301	EA	2-Door Pinnacle Ultra Package, 1- Controller (6201700), Small Enclosure Kit (6800111) and 1 - LifeSafety 150W Power Supply With Separate Enclosure. (Sielox AC-PULS-1700-2D-PS150)	2,889.06	208.27
28 16 11 00-0302	EA	2- Door Pinnacle Ultra Package, 1-Controller (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 75W Power Supply With Separate Enclosure (Sielox AC-PULL-1700-2D-PS75)	2,093.84	150.94
28 16 11 00-0303	EA	2- Door Pinnacle Ultra Package, 1-Controller (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 150W Power Supply With Separate Enclosure (Sielox AC-PULL-1700-2D-PS150)	2,403.74	173.29
28 16 11 00-0304	EA	4- Door Pinnacle Ultra Package, 2- Controllers (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 75W Power Supply With Separate Enclosure (Sielox AC-PULL-1700-4D-PS75)	4,433.51	319.60
28 16 11 00-0305	EA	4- Door Pinnacle Ultra Package, 2- Controllers (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 150W Power Supply With Separate Enclosure (Sielox AC-PULL-1700-4D-PS150)	4,587.67	330.72
28 16 11 00-0306	EA	6- Door Pinnacle Ultra Package, 3 - Controllers (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 75W Power Supply With Separate Enclosure (Sielox AC-PULL-1700-6D-PS75)	6,046.46	435.88
28 16 11 00-0307	EA	8 Door Pinnacle Ultra Package, 4- Controllers (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 75W Power Supply With Separate Enclosure (Sielox AC-PULL-1700-8D-PS75)	7,659.44	552.15
28 16 11 00-0308	EA	8 Door Pinnacle Ultra Package, 4- Controllers (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 150W Power Supply With Separate Enclosure (Sielox AC-PULL-1700-8D-PS150)	7,813.60	563.27
28 16 11 00-0309	EA	2- Door Pinnacle Lite Package, 1- Controller (6201700) with SLX UPS Power Supply (SLX75-E2). 1 Enclosure. (Sielox AC-PLT-75E2-2D)	2,894.78	208.68
28 16 11 00-0310	EA	4- Door Pinnacle Lite Package, 2- Controllers (6201700) with SLX UPS Power Supply (SLX75-E2). 1 Enclosure. (Sielox AC-PLT-75E2-4D)	4,507.73	324.95
28 16 11 00-0311	EA	2- Door Pinnacle Lite Package, 1- Controller (6201700) with SLX UPS Power Supply (SLX150-E4). 1 Enclosure. (Sielox AC-PLT-150E4-2D)	3,174.54	228.84
28 16 11 00-0312	EA	4 Door Pinnacle Lite Package, 2-Controller (6201700) with SLX UPS Power Supply (SLX150-E4). 1 Enclosure (Sielox AC-PLT-150E4-4D)	4,787.51	345.13
28 16 11 00-0313	EA	6 Door Pinnacle Lite Package, 3 -Controllers (6201700) with SLX UPS Power Supply (SLX150-E4). 1 Enclosure (Sielox AC-PLT-150E4-6D)	6,400.47	461.39
28 16 11 00-0314	EA	8 Door Pinnacle Lite Package, 4- Controllers (6201700) with SLX UPS Power Supply (SLX150-E4). 1 Enclosure (Sielox AC-PLT-150E4-8D)	8,013.43	577.67
28 16 11 00-0315	EA	4- Door Pinnacle Lite Package, 2-Controllers (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 75W Power Supply With Separate Enclosure. (Sielox AC-PLT-1700-4D-PS75)	4,861.72	350.47
28 16 11 00-0316	EA	6- Door Pinnacle Lite Package, 3 - Controllers (6201700) with Large Enclosure (6800110) and 1 - LifeSafety 150W Power Supply With Separate Enclosure. (Sielox AC-PLT-1700-6D-PS150)	6,628.86	477.86
28 16 11 00-0317	EA	Standard Workstation to Plus Workstation (per Concurrent User) (Sielox AC-WST2PL)	356.86	25.72
28 16 11 00-0318	EA	Plus Workstation to Professional Workstation (per Concurrent User) (Sielox AC-WPL2PR)	356.86	25.72
28 16 11 00-0319	EA	Standard Workstation to Plus Workstation (per 2 Concurrent Users) (Sielox AC-WST22PL)	642.32	46.31
28 16 11 00-0320	EA	Plus Workstation to Professional Workstation (per 2 Concurrent Users) (Sielox AC-WPL22PR)	642.32	46.31
28 16 11 00-0321	EA	Standard Workstation to Plus Workstation (per 5 Concurrent Users) (Sielox AC-WST52PL)	1,712.87	123.47
28 16 11 00-0322	EA	Plus Workstation to Professional Workstation (per 5 Concurrent Users) (Sielox AC-WPL52PR)	1,712.87	123.47
28 16 11 00-0323	EA	Badging for Pinnacle Lite to Badging for Pinnacle Standard (Sielox AC-BLT2STD)	157.03	11.31
28 16 11 00-0324	EA	Badging for Pinnacle Standard to Badging for Pinnacle Plus (Sielox AC-BST2PL)	185.55	13.37
28 16 11 00-0325	EA	Badging for Pinnacle Plus Software to Badging for Pinnacle Professional (Sielox AC-BPL2PR)	513.87	37.05
28 16 11 00-0326	EA	ThyssenKrupp Destination Dispatch Driver (Sielox AC-THKP)	14,274.02	1,028.99
28 16 11 00-0327	EA	Schindler Smart Dispatch Driver (Sielox AC-SCHIND)	8,564.41	617.38
28 16 11 00-0328	EA	Otis Dispatch Driver (Sielox AC-OTIS)	14,274.02	1,028.99
28 16 11 00-0329	EA	QNX to Pinnacle Import -Cardholders And Access Groups only (Sielox AC-PS-QNX2PN)	4,282.21	308.70
28 16 11 00-0330	EA	Threshold to Pinnacle Import – Applies to Threshold 95, Access, NT and Enterprise. Note: Includes conversion of cardholder, photo ID image file, and network configuration. Only cardholder information guaranteed. Network configuration should be verified by customer (Sielox AC-PS-THRSH2PN)	1,712.87	123.47
28 16 11 00-0331	EA	Pinnacle to Pinnacle Import – Recommended for all upgrades prior to Pinnacle 7.0 or when upgrading to a new server with version software upgrade. (Sielox AC-PS-PN2PN)	999.18	72.03
28 16 11 00-0332	EA	Workstations for Pinnacle Professional (per 15 Concurrent Users) (Sielox AC-WPR15)	17,127.72	1,234.70
28 16 11 00-0333	EA	Workstations for Pinnacle Professional (per 25 Concurrent Users) (Sielox AC-WPR20)	25,693.21	1,852.17
28 16 11 00-0334	EA	Workstations for Pinnacle Professional (per 50 Concurrent Users) (Sielox AC-WPR50)	42,823.12	3,087.03
28 16 11 00-0335	EA	Pinnacle Software Load (Initial Installation) via Network Streaming Required: Network Streaming access and availability of IT resource for password setting required at the customer site. Note: Pinnacle configuration not included (Sielox 6990006)	713.71	51.46
28 16 11 00-0336	EA	Reinstatement Fee for Lapsed Pinnacle Ultra Software Maintenance (Sielox AC-SWM-RE-PUL)	244.33	
28 16 11 00-0337	EA	Reinstatement Fee for Lapsed Pinnacle Lite Software Maintenance (Sielox AC-SWM-RE-PLT)	366.48	
28 16 11 00-0338	EA	Reinstatement Fee for Lapsed Pinnacle Standard Software Maintenance (Sielox AC-SWM-RE-PNST)	488.64	
28 16 11 00-0339	EA	Reinstatement Fee for Lapsed Pinnacle Plus Software Maintenance (Sielox AC-SWM-RE-PNPL)	977.28	
28 16 11 00-0340	EA	Reinstatement Fee for Lapsed Pinnacle Pro Software Maintenance (Sielox AC-SWM-RE-PNPR)	1,954.57	
28 16 11 00-0341	EA	Annual Software Maintenance for Pinnacle Ultra Software (Sielox AC-SWM-PUL)	244.33	
28 16 11 00-0342	EA	Annual Software Maintenance for Pinnacle Lite Software (Sielox AC-SWM-PLT)	366.48	
28 16 11 00-0343	EA	Annual Software Maintenance for Pinnacle Standard – Includes 1 server and one workstation (Sielox AC-SWM-PNST)	488.64	
28 16 11 00-0344	EA	Annual Software Maintenance for Pinnacle Plus – Includes 1 server and one workstation (Sielox AC-SWM-PNPL)	1,099.45	
28 16 11 00-0345	EA	Annual Software Maintenance for Pinnacle Professional – Includes 1 server and one workstation (Sielox AC-SWM-PNPR)	3,298.33	
28 16 11 00-0346	EA	Annual Software Maintenance Pinnacle Workstations (each workstation not included in the bundle) (Sielox AC-SWM-PWS5)	256.53	
28 16 11 00-0347	EA	Annual Software Maintenance Pinnacle Bundled Two Workstations (Sielox AC-SWM-PWSB2)	513.08	
28 16 11 00-0348	EA	Annual Software Maintenance Pinnacle Bundled Five Workstations (Sielox AC-SWM-PWSB5)	1,099.45	
28 16 11 00-0349	EA	Annual Software Maintenance for Pinnacle Software Development Kit (SDK) (Sielox AC-SWM-PSDK)	855.12	
28 16 11 00-0350	EA	Annual Software Maintenance for Pinnacle Badging Option – Pinnacle Lite Per Badging License (Sielox AC-SWM-BLT)	219.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0351	EA	Annual Software Maintenance for Pinnacle Badging Option – Pinnacle Standard Per Badging License (Sielox AC-SWM-BST)	293.18	
28 16 11 00-0352	EA	Annual Software Maintenance for Pinnacle Badging Option – Pinnacle Plus Per Badging License (Sielox AC-SWM-BPT)	354.26	
28 16 11 00-0353	EA	Annual Software Maintenance for Pinnacle Badging Option – Pinnacle Professional Per Badging License (Sielox AC-SWM-BPPT)	403.13	
28 16 11 00-0354	EA	Annual Software Maintenance for Pinnacle Database Partitioning Option (Sielox AC-SWM-DBPO)	244.33	
28 16 11 00-0355	EA	Annual Software Maintenance for Pinnacle Multi-Server Hardware Option (Sielox AC-SWM-MSHO)	366.48	
28 16 11 00-0356	EA	Annual Software Maintenance for Pinnacle Data Exchange Software Maintenance (Sielox AC-SWM-PDE)	366.48	
28 16 11 00-0357	EA	Annual Software Maintenance ThyssenKrupp Interface Module Annual Software Maintenance, Software Maintenance includes free software updates and Upgrades. Per copy. (Sielox AC-SWM-TKELEVX)	1,954.57	
28 16 11 00-0358	EA	Annual Software Maintenance Schindler Module™ Annual Software Maintenance, Software Maintenance includes free software updates and Upgrades. Per copy. (Sielox AC-SWM-SCHINDX)	1,221.61	
28 16 11 00-0359	EA	Sielox Class™ 75 - Desktop Network Appliance - System includes Network Appliance, Preloaded Sielox Class™ 75 Software, and 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance). System supports 75 locations and 265 Users (225 Initiators, 40 Responders)Desktop Appliance Dimensions - 8" x 8" x 2" (Sielox AC-CLASS75-DT)	7,887.81	568.63
28 16 11 00-0360	EA	Sielox Class™ 75 - 1U Rackmount Network Appliance - System includes Network Appliance, Preloaded Sielox Class™ 75 Software, and 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance).System supports 75 locations and 265 Users (225 Initiators, 40 Responders)1U Rackmount Appliance Dimensions 17" x 13" x 1.75" (Sielox AC-CLASS75-1U)	8,458.79	609.78
28 16 11 00-0361	EA	Sielox Class™ 150 Desktop Network Appliance - System includes Network Appliance, Preloaded Sielox Class™ 150 Software, and 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance). System supports 150 locations and 525 Users (450 Initiators, 75 Responders) Desktop Appliance Dimensions - 8" x 8" x 2" (Sielox AC-CLASS150-DT)	13,640.24	983.30
28 16 11 00-0362	EA	Sielox Class™ 150 1U Rackmount Network Appliance Note: System includes Network Appliance, Preloaded Sielox Class™ 150 Software, and 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance). System supports 150 locations and 525 Users (450 Initiators, 75 Responders) 1U Rackmount Appliance Dimensions 17" x 13" x 1.75" (Sielox AC-CLASS150--1U)	14,211.22	1,024.45
28 16 11 00-0363	EA	Sielox Class™ 300 1U Rackmount Network Appliance Note: System includes Network Appliance, Preloaded Sielox Class™300 Software, and 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance). System supports 300 locations and 1050 Users (900 Initiators , 150 Responders) 1U Rackmount Appliance Dimensions 17" x 13" x 1.75" (Sielox AC-CLASS300-1U)	24,402.83	1,759.16
28 16 11 00-0364	EA	Sielox Class™ 500 1U Rackmount Network Appliance Note: System includes Network Appliance, Preloaded Sielox Class™ 500 Software, and 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance). System supports 500 locations and 1150 Users (1000 Initiators , 150 Responders) 1U Rackmount Appliance Dimensions 17" x 13" x 1.75" (Sielox AC-CLASS500-1U)	25,561.04	1,842.65
28 16 11 00-0365	EA	Sielox Class™ 75 - Deployment Services - System is preloaded with the following end-user information supplied by Business Partner using supplied file format.[user database, user groups, email/text alerts, floor plans, locations, up to 8 color condition label(s), color condition order, up to 5 Alert Level instruction pop-ups, up to 4 Alert Level and up to 8 condition pop-up alerts, up to 10 Highlight Event triggers].Includes initial one hour consult webinar and one hour completed services summary webinar.If resolution on floor plan files is unusable for Class system, charges will be added to re-draw maps (126834). (Sielox AC-PS-CLASS75)	1,427.41	102.90
28 16 11 00-0366	EA	Sielox Class 75 - Integration Services - Includes configuration of Action URL's [up to 75 live video pop-ups, configuration of outputs for integration of Access Control Lockdown, paging systems, video and mass notification for up to 60 outputs. Configuration of inputs for integration of buttons, motion sensors, readers etc...for up to 75 location inputs (Sielox AC-PS-CLASS75KIT)	1,427.41	102.90
28 16 11 00-0367	EA	Sielox Class™ 150 - Deployment Services - System is preloaded with the following end-user information supplied by Business Partner using supplied file format.[user database, user groups, email/text alerts, floor plans, locations, up to 8 color condition label(s), color condition order, up to 5 Alert Level instruction pop-ups, up to 4 Alert Level and up to 8 condition pop-up alerts, up to 10 Highlight Event triggers].Includes initial one hour consult webinar and one hour completed services summary webinar.If resolution on floor plan files is unusable for Class system, charges will be added to re-draw maps (126834). (Sielox AC-PS-CLASS150)	2,854.81	205.80
28 16 11 00-0368	EA	Sielox Class 150 - Integration Services - Includes configuration of Action URL's [up to 150 live video pop-ups, configuration of outputs for integration of Access Control Lockdown, paging systems, video and mass notification for up to 60 outputs. Configuration of inputs for integration of buttons, motion sensors, readers etc...for up to 150 location inputs (Sielox AC-PS-CLASS150KIT)	2,854.81	205.80
28 16 11 00-0369	EA	Sielox Class™ 300 - Deployment Services - System is preloaded with the following end-user information supplied by Business Partner using supplied file format.[user database, user groups, email/text alerts, floor plans, locations, up to 8 color condition label(s), color condition order, up to 5 Alert Level instruction pop-ups, up to 4 Alert Level and up to 8 condition pop-up alerts, up to 10 Highlight Event triggers].Includes initial one hour consult webinar and one hour completed services summary webinar.If resolution on floor plan files is unusable for Class system, charges will be added to re-draw maps (126834). (Sielox AC-PS-CLASS300)	4,282.21	308.70
28 16 11 00-0370	EA	Sielox Class 300 - Integration Services - Includes configuration of Action URL's [up to 300 live video pop-ups, configuration of outputs for integration of Access Control Lockdown, paging systems, video and mass notification for up to 60 outputs. Configuration of inputs for integration of buttons, motion sensors, readers etc...for up to 300 location inputs (Sielox AC-PS-CLASS300KIT)	4,282.21	308.70
28 16 11 00-0371	EA	Sielox Class™ 500 - Deployment Services - System is preloaded with the following end-user information supplied by Business Partner using supplied file format.[user database, user groups, email/text alerts, floor plans, locations, up to 8 color condition label(s), color condition order, up to 5 Alert Level instruction pop-ups, up to 4 Alert Level and up to 8 condition pop-up alerts, up to 10 Highlight Event triggers].Includes initial one hour consult webinar and one hour completed services summary webinar.If resolution on floor plan files is unusable for Class system, charges will be added to re-draw maps (126834). (Sielox AC-PS-CLASS500)	5,138.93	370.45
28 16 11 00-0372	EA	Sielox Class 500 - Integration Services - Includes configuration of Action URL's [up to 500 live video pop-ups, configuration of outputs for integration of Access Control Lockdown, paging systems, video and mass notification for up to 60 outputs. Configuration of inputs for integration of buttons, motion sensors, readers etc...for up to 500 location inputs (Sielox AC-PS-CLASS500KIT)	5,138.93	370.45
28 16 11 00-0373	EA	1 Year - Annual End User Support Agreement for Class™ 75 (Sielox AC-EUSA-CLASS75)	1,712.87	123.47
28 16 11 00-0374	EA	1 Year - Annual End User Support Agreement for Class™ 150 (Sielox AC-EUSA-CLASS150)	3,425.76	246.95
28 16 11 00-0375	EA	1 Year - Annual End User Support Agreement for Class™ 300 (Sielox AC-EUSA-CLASS300)	5,709.61	411.60
28 16 11 00-0376	EA	1 Year - Annual End User Support Agreement for Class™ 500 (Sielox AC-EUSA-CLASS500)	5,709.61	411.60
28 16 11 00-0377	EA	1 Year - Annual Software Maintenance for Sielox Class™ 75 - System Required for Technical Support And Software Updates. Maintenance includes Software Only. Hardware not included. Please refer to Section 1 for Warranty and End User License Agreement information. (Sielox AC-SWM-CLASS75)	856.44	61.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0378	EA	1 Year - Annual Software Maintenance for Sielox Class™ 150 - System Required for Technical Support And Software Updates. Maintenance includes Software Only. Hardware not included. Please refer to Section 1 for Warranty and End User License Agreement information. (Sielox AC-SWM-CLASS150)	1,712.87	123.47
28 16 11 00-0379	EA	1 Year - Annual Software Maintenance for Sielox Class™ 300 - System Required for Technical Support And Software Updates. Maintenance includes Software Only. Hardware not included. Please refer to Section 1 for Warranty and End User License Agreement information. (Sielox AC-SWM-CLASS300)	2,854.81	205.80
28 16 11 00-0380	EA	1 Year - Annual Software Maintenance for Sielox Class™ 300 - System Required for Technical Support And Software Updates. Maintenance includes Software Only. Hardware not included. Please refer to Section 1 for Warranty and End User License Agreement information. (Sielox AC-SWM-CLASS500)	2,854.81	205.80
28 16 11 00-0381	EA	System includes Network Appliance, Preloaded with Sielox AnyWare™ 8 Software and a 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance) System supports up to 8 Doors, 25K Cardholders, 256 Access Levels, and 64 Time Zones. Desktop Appliance Dimensions - (8" x 8" x 2") Sielox AnyWare™ 8 - Cannot be Upgraded. Larger Systems require the purchase of AnyWare™ 40 (Sielox AC-AW8-DT)	1,141.91	82.33
28 16 11 00-0382	EA	System includes Network Appliance, Preloaded with Sielox AnyWare™ 8 Software and a 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance) System supports up to 8 Doors, 25K Cardholders, 256 Access Levels, and 64 Time Zones. 1U Rackmount Appliance Dimensions (17" x 13" x 1.75") Sielox AnyWare™ 8 - Cannot be Upgraded. Larger Systems require the purchase of AnyWare™ 40 (Sielox AC-AW8-1U)	1,712.87	123.47
28 16 11 00-0383	EA	System includes Network Appliance, Preloaded with Sielox AnyWare™ 40 Software and a 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance) System supports up to 8 Doors, 25K Cardholders, 256 Access Levels, and 64 Time Zones. Desktop Appliance Dimensions - 8"x8"x2" (Sielox AC-AW40-DT)	2,283.85	164.63
28 16 11 00-0384	EA	System includes Network Appliance, Preloaded with Sielox AnyWare™ 40 Software and a 12 Volt DC Transformer. (1 Year Warranty – Software And Appliance) System supports up to 8 Doors, 25K Cardholders, 256 Access Levels, and 64 Time Zones. 1U Rackmount Appliance Dimensions (17" x 13" x 1.75") (Sielox AC-AW40-1U)	2,854.81	205.80
28 16 11 00-0385	EA	Package Includes (Sielox AnyWare™ 8 Network Appliance, (2) AC1700 2 -Door Controller, SLX75-E2 UPS Power Supply and Enclosure -16" x 20"). Sielox AnyWare™ 8 - Cannot be Upgraded. Larger Systems require the purchase of AnyWare™ 40 (Sielox AC-AW8-75E2-4D)	4,393.55	316.73
28 16 11 00-0386	EA	Package Includes (Sielox AnyWare™ 8 Desktop Network Appliance, (1) AC1700 2 -Door Controller, SLX150-E4 UPS Power Supply and Enclosure -20" x 24").Sielox AnyWare™ 8 - Cannot be Upgraded. Larger Systems require the purchase of AnyWare™ 40 (Sielox AC-AW8-150E4-2D)	3,103.17	223.71
28 16 11 00-0387	EA	Package Includes (Sielox AnyWare™ 8 Desktop Network Appliance, (2) AC1700 2 -Door Controller, SLX150-E4UPS Power Supply and Enclosure -20" x 24"). Sielox AnyWare™ 8 - Cannot be Upgraded. Larger Systems require the purchase of AnyWare™ 40 (Sielox AC-AW8-150E4-4D)	4,502.03	324.54
28 16 11 00-0388	EA	Package Includes (Sielox AnyWare™ 8 Desktop Network Appliance, (3) AC1700 2 -Door Controller, SLX150-E4 UPS Power Supply and Enclosure -20" x 24"). Sielox AnyWare™ 8 - Cannot be Upgraded. Larger Systems require the purchase of AnyWare™ 40 (Sielox AC-AW8-150E4-6D)	6,243.44	450.08
28 16 11 00-0389	EA	Package Includes (Sielox AnyWare™ 8 Desktop Network Appliance, (4) AC1700 2 -Door Controller, SLX150-E4 UPS Power Supply and Enclosure -20" x 24"). Sielox AnyWare™ 8 - Cannot be Upgraded. Larger Systems require the purchase of AnyWare™ 40 (Sielox AC-AW8-150E4-8D)	7,813.60	563.27
28 16 11 00-0390	EA	Pinnacle to AnyWare™ Database Import - Note: Includes conversion of cardholder information only. (First Name, Last Name, and Card Code) (Sielox AC-PS-PN2AW)	999.18	72.03
28 16 11 00-0391	EA	1 Year Annual Software Maintenance Contract. Maintenance includes Software Only. Hardware not included. Please refer to Sielox Price Book Section 1 - Policies And Procedures for Warranty and End User License Agreement information. (Sielox AC-SWM-AW8)	285.49	20.58
28 16 11 00-0392	EA	2A/12V or 1A/24V E1 enclosure (Sielox SLX25-E1)	441.55	31.82
28 16 11 00-0393	EA	6 Amperes/12 Volt or 3 Amperes/24 Volt E1 Enclosure (Sielox SLX75-E1)	464.40	33.48
28 16 11 00-0394	EA	8A/12V or 4A/24V E1 enclosure (Sielox SLX100-E1)	582.39	41.98
28 16 11 00-0395	EA	12 Amperes/12 Volt or 6 Amperes/24 Volt E1 Enclosure (Sielox SLX150-E1)	620.44	44.73
28 16 11 00-0396	EA	16 Amperes/12 Volt or 8 Amperes/24 Volt E1 Enclosure (Sielox SLX200-E1)	681.36	49.12
28 16 11 00-0397	EA	20A/12V or 10A/24V E1 enclosure (Sielox SLX250-E1)	719.41	51.87
28 16 11 00-0398	EA	6 Amperes/12 Volt or 3 Amperes/24 Volt E2 Enclosure (Sielox SLX75-E2)	540.48	38.96
28 16 11 00-0399	EA	8A/12V or 4A/24V E2 enclosure (Sielox SLX100-E2)	662.31	47.74
28 16 11 00-0400	EA	12 Amperes/12 Volt or 6 Amperes/24 Volt E2 Enclosure (Sielox SLX150-E2)	700.37	50.48
28 16 11 00-0401	EA	16 Amperes/12 Volt or 8 Amperes/24 Volt E2 Enclosure (Sielox SLX200-E2)	757.47	54.60
28 16 11 00-0402	EA	20A/12V or 10A/24V E2 enclosure (Sielox SLX250-E2)	799.35	57.62
28 16 11 00-0403	EA	E1 enclosure size 12W x 14H x 4.5D. (Sielox SLX-E1)	356.86	25.72
28 16 11 00-0404	EA	E2 enclosure size 16W x 20H x 4.5D (Sielox SLX-E2)	428.22	30.87
28 16 11 00-0405	EA	E4 enclosure size 20W x 24H x 4.5D (Sielox SLX-E4)	499.60	36.02
28 16 11 00-0406	EA	E5 enclosure size 8.5W x 11H x 3D (Sielox SLX-E5)	499.60	36.02
28 16 11 00-0407	EA	75 Watt Power Supply Board 6 Amperes/12 Volt or 3 Amperes/24 Volt (Sielox SLX75)	293.10	21.13
28 16 11 00-0408	EA	100 Watt power supply board 8A/12V or 4A/24V (Sielox SLX100)	441.55	31.82
28 16 11 00-0409	EA	150 Watt Power Supply Board 12 Amperes/12 Volt or 6 Amperes/24 Volt (Sielox SLX150)	483.41	34.84
28 16 11 00-0410	EA	250 Watt power supply board 20A/12V or 10A/24V (Sielox SLX250)	605.23	43.63
28 16 11 00-0411	EA	8 auxiliary outputs 6A/12V or 3A/24V fused at 3A E1 enclosure (Sielox SLX75-D8E1)	529.08	38.14
28 16 11 00-0412	EA	8 auxiliary outputs 6A/12V or 3A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX75-D8PE1)	529.08	38.14
28 16 11 00-0413	EA	8 auxiliary outputs 12A/12V or 6A/24V fused at 3A E1 enclosure (Sielox SLX150-D8E1)	688.95	49.66
28 16 11 00-0414	EA	8 auxiliary outputs 12A/12V or 6A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX150-D8PE1)	688.95	49.66
28 16 11 00-0415	EA	8 auxiliary outputs 20A/12V or 10A/24V fused at 3A E1 enclosure (Sielox SLX250-D8E1)	787.93	56.80
28 16 11 00-0416	EA	8 auxiliary outputs 20A/12V or 10A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX250-D8PE1)	787.93	56.80
28 16 11 00-0417	EA	16 auxiliary outputs 6A/12V or 3A/24V fused at 3A E1 enclosure (Sielox SLX75-2D8E1)	597.60	43.09
28 16 11 00-0418	EA	16 auxiliary outputs 6A/12V or 3A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX75-2D8PE1)	597.60	43.09
28 16 11 00-0419	EA	16 auxiliary outputs 12A/12V or 6A/24V fused at 3A E1 enclosure (Sielox SLX150-2D8E1)	757.47	54.60
28 16 11 00-0420	EA	16 auxiliary outputs 12A/12V or 6A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX150-2D8PE1)	757.47	54.60
28 16 11 00-0421	EA	16 auxiliary outputs 20A/12V or 10A/24V fused at 3A E1 enclosure (Sielox SLX250-2D8E1)	856.44	61.74
28 16 11 00-0422	EA	16 auxiliary outputs 20A/12V or 10A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX250-2D8PE1)	856.44	61.74
28 16 11 00-0423	EA	DVPS 6A/12V or 3A/24V (75W) and 6A/12V or 3A/24VA (75W) E2 enclosure (Sielox SLX75/75-E2)	749.87	54.06
28 16 11 00-0424	EA	DVPS 6A/12V or 3A/24V (75W) and12A/12V or 6A/24V (150W) E2 enclosure (Sielox SLX75/150-E2)	905.91	65.30
28 16 11 00-0425	EA	DVPS 6A/12V or 3A/24V (75W) and 20A/12V or 10A/24V (250W) E2 enclosure (Sielox SLX75/250-E2)	1,004.90	72.44
28 16 11 00-0426	EA	DVPS 8A/12V or 4A/24V (100W) and 8A/12V or 4A/24V (100W) E2 enclosure (Sielox SLX100/100-E2)	989.67	71.34
28 16 11 00-0427	EA	DVPS 8A/12V or 4A/24V (100W) and 12A/12V or 6A/24V (150W) E2 enclosure (Sielox SLX100/150-E2)	1,027.72	74.08
28 16 11 00-0428	EA	DVPS 8A/12V or 4A/24V (100W) and 16A/12V or 8A/24V (200W) E2 enclosure (Sielox SLX100/200-E2)	1,084.83	78.20
28 16 11 00-0429	EA	DVPS 12A/12V or 6A/24V (150W) and 12A/12V or 6A/24V (150W) E2 enclosure (Sielox SLX150/150-E2)	1,065.77	76.84
28 16 11 00-0430	EA	DVPS 12A/12V or 6A/24V (150W) and 20A/12V or 10A/24V (250W) E2 enclosure (Sielox SLX150/250-E2)	1,164.76	83.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0431	EA	DVPS 20A/12V or 10A/24V (250W) and 20A/12V or 10A/24V (250W) E2 enclosure (Sielox SLX250/250-E2)	1,263.74	91.11
28 16 11 00-0432	EA	DVPS 6A/12V or 3A/24V (75W) and 6A/12V or 3A/24V (75W) E4 enclosure (Sielox SLX75/75-E4)	864.06	62.28
28 16 11 00-0433	EA	DVPS 6A/12V or 3A/24V (75W) and 12A/12V or 6A/24V (150W) E4 enclosure (Sielox SLX75/150-E4)	1,023.93	73.81
28 16 11 00-0434	EA	DVPS 12A/12V or 6A/24V (150W) and 12A/12V or 6A/24V (150W) E4 enclosure (Sielox SLX150/150-E4)	1,183.80	85.34
28 16 11 00-0435	EA	DVPS 12A/12V or 6A/24V (150W) and 20A/12V or 10A/24V (250W) E4 enclosure (Sielox SLX150/250-E4)	1,282.75	92.48
28 16 11 00-0436	EA	DVPS 20A/12V or 10A/24V (250W) and 20A/12V or 10A/24V (250W) E4 enclosure (Sielox SLX250/250-E4)	1,381.72	99.61
28 16 11 00-0437	EA	DVPS SLX/B100 Combination. Up To 2 Amperes At 12 Volt And 2 Amperes At 24 Volt System Backed Up With One Battery Set E1 Enclosure (Sielox SLX75-B100E1)	567.17	40.89
28 16 11 00-0438	EA	DVPS SLX/B100 combination. Up To 4 Amperes At 12 Volt And 4 Amperes At 24 Volt System Backed Up With One Battery Set E1 enclosure (Sielox SLX150-B100E1)	727.02	52.41
28 16 11 00-0439	EA	DVPS SLX/B100 Combination. Up To 4 Amperes At 12 Volt and 8 Amperes At 24 Volt System Backed Up With One Battery Set E1 Enclosure (Sielox SLX250-B100E1)	825.98	59.55
28 16 11 00-0440	EA	SLX75 and two (2) B100 modules with 5-18V adjustable output System can be backed up w/ one battery set E1 enclosure (Sielox SLX75-2B100E1)	669.94	48.30
28 16 11 00-0441	EA	SLX150 and two (2) B100 modules with 5-18V adjustable output System can be backed up w/ one battery set E1 enclosure (Sielox SLX150-2B100E1)	829.82	59.82
28 16 11 00-0442	EA	8 lock outputs 6A/12V or 3A/24V fused at 3A E1 enclosure (Sielox SLX75-C8E1)	609.02	43.91
28 16 11 00-0443	EA	8 lock outputs 6A/12V or 3A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX75-C8PE1)	609.02	43.91
28 16 11 00-0444	EA	8 lock outputs 12A/12V or 6A/24V fused at 3A E1 enclosure (Sielox SLX150-C8E1)	768.88	55.42
28 16 11 00-0445	EA	8 lock outputs 12A/12V or 6A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX150-C8PE1)	768.88	55.42
28 16 11 00-0446	EA	8 lock outputs 20A/12V or 10A/24V fused at 3A E1 enclosure (Sielox SLX250-C8E1)	867.85	62.56
28 16 11 00-0447	EA	8 lock outputs 20A/12V or 10A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX250-C8PE1)	867.85	62.56
28 16 11 00-0448	EA	16 lock outputs 6A/12V or 3A/24V fused at 3A E2 enclosure (Sielox SLX75-2C8E2)	837.40	60.37
28 16 11 00-0449	EA	16 lock outputs 6A/12V or 3A/24V pwr ltd at 2.5A E2 enclosure (Sielox SLX75-2C8PE2)	837.40	60.37
28 16 11 00-0450	EA	16 lock outputs 12A/12V or 6A/24V fused at 3A E2 enclosure (Sielox SLX150-2C8E2)	993.47	71.62
28 16 11 00-0451	EA	16 lock outputs 12A/12V or 6A/24V pwr ltd at 2.5A E2 enclosure (Sielox SLX150-2C8PE2)	993.47	71.62
28 16 11 00-0452	EA	16 lock outputs 20A/12V or 10A/24V fused at 3A E2 enclosure (Sielox SLX250-2C8E2)	1,092.45	78.75
28 16 11 00-0453	EA	16 lock outputs 20A/12V or 10A/24V pwr ltd at 2.5A E2 enclosure (Sielox SLX250-2C8PE2)	1,092.45	78.75
28 16 11 00-0454	EA	16 lock outputs 6A/12V or 3A/24V and 6A/12V or 3A/24V fused at 3A E2 enclosure (Sielox SLX75/75-2C8E2)	1,042.95	75.19
28 16 11 00-0455	EA	16 lock outputs 6A/12V or 3A/24V and 6A/12V or 3A/24V pwr ltd at 2.5A E2 enclosure (Sielox SLX75/75-2CP8E2)	1,042.95	75.19
28 16 11 00-0456	EA	16 lock outputs 12A/12V or 6A/24V and 12A/12V or 6A/24V fused at 3A E2 enclosure (Sielox SLX150/150-2C8E2)	1,362.69	98.23
28 16 11 00-0457	EA	16 lock outputs 12A/12V or 6A/24V and 12A/12V or 6A/24V pwr ltd at 2.5A E2 enclosure (Sielox SLX150/150-2C8PE2)	1,362.69	98.23
28 16 11 00-0458	EA	16 lock outputs 12A/12V or 6A/24V and 20A/12V or 10A/24V fused at 3A E2 enclosure (Sielox SLX150/250-2C8E2)	1,457.86	105.09
28 16 11 00-0459	EA	16 lock outputs 12A/12V or 6A/24V and 20A/12V or 10A/24V pwr ltd at 2.5A E2 enclosure (Sielox SLX150/250-2C8PE2)	1,457.86	105.09
28 16 11 00-0460	EA	8 FAI control outputs 6A/12V or 3A/24V fused at 3A E1 enclosure (Sielox SLX75-F8E1)	544.33	39.24
28 16 11 00-0461	EA	8 FAI control outputs 6A/12V or 3A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX75-F8PE1)	544.33	39.24
28 16 11 00-0462	EA	8 FAI control outputs 12A/12V or 6A/24V fused at 3A E1 enclosure (Sielox SLX150-F8E1)	704.19	50.77
28 16 11 00-0463	EA	8 FAI control outputs 12A/12V or 6A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX150-F8PE1)	704.19	50.77
28 16 11 00-0464	EA	8 FAI control outputs 20A/12V or 10A/24V fused at 3A E1 enclosure (Sielox SLX250-F8E1)	803.14	57.90
28 16 11 00-0465	EA	8 FAI control outputs 20A/12V or 10A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX250-F8PE1)	803.14	57.90
28 16 11 00-0466	EA	16 FAI control outputs 20A/12V or 10A/24V fused at 3A E1 enclosure (Sielox SLX250-2F8E1)	883.07	63.65
28 16 11 00-0467	EA	16 FAI control outputs 20A/12V or 10A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX250-2F8PE1)	883.07	63.65
28 16 11 00-0468	EA	4 lock outputs 6A/12V or 3A/24V fused at 3A E1 enclosure (Sielox SLX75-C4E1)	615.82	44.39
28 16 11 00-0469	EA	4 lock outputs 6A/12V or 3A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX75-C4PE1)	574.76	41.43
28 16 11 00-0470	EA	4 lock outputs 12A/12V or 6A/24V fused at 3A E1 enclosure (Sielox SLX150-C4E1)	734.62	52.95
28 16 11 00-0471	EA	4 lock outputs 12A/12V or 6A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX150-C4PE1)	734.62	52.95
28 16 11 00-0472	EA	4 lock outputs 20A/12V or 10A/24V fused at 3A E1 enclosure (Sielox SLX250-C4E1)	833.60	60.09
28 16 11 00-0473	EA	4 lock outputs 20A/12V or 10A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX250-C4PE1)	833.60	60.09
28 16 11 00-0474	EA	4 lock, 8 aux outputs 12A/12V or 6A/24V fused at 3A E1 enclosure (Sielox SLX150-C4D8E1)	803.14	57.90
28 16 11 00-0475	EA	4 lock, 8 aux outputs 12A/12V or 6A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX150-C4PD8PE1)	803.14	57.90
28 16 11 00-0476	EA	4 lock, 8 aux outputs 20A/12V or 10A/24V fused at 3A E1 enclosure (Sielox SLX250-C4D8E1)	902.12	65.03
28 16 11 00-0477	EA	4 lock, 8 aux outputs 20A/12V or 10A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX250-C4PD8PE1)	902.12	65.03
28 16 11 00-0478	EA	4 lock, 8 aux outputs 6A/12V or 3A/24V (75W) and 6A/12V or 3A/24VA (75W) fused at 3A E1 enclosure (Sielox SLX75/75-C4D8E1)	848.81	61.20
28 16 11 00-0479	EA	4 lock, 8 aux outputs 6A/12V or 3A/24V (75W) and 6A/12V or 3A/24VA (75W) pwr ltd at 2.5A E1 enclosure (Sielox SLX75/75-C4PD8PE1)	848.81	61.20
28 16 11 00-0480	EA	4 lock, 8 aux outputs 12A/12V or 6A/24V (150W) and 12A/12V or 6A/24VA (150W) fused at 3A E2 enclosure (Sielox SLX150/150-C4D8E2)	1,248.48	90.01
28 16 11 00-0481	EA	4 lock, 8 aux outputs 12A/12V or 6A/24V (150W) and 12A/12V or 6A/24VA (150W) pwr ltd at 2.5A E2 enclosure (Sielox SLX150/150-C4PD8PE2)	1,248.48	90.01
28 16 11 00-0482	EA	4 lock, 8 aux outputs 12A/12V or 6A/24V (150W) and 20A/12V or 10A/24VA (250W) fused at 3A E2 enclosure (Sielox SLX150/250-C4D8E2)	1,343.67	96.86
28 16 11 00-0483	EA	4 lock, 8 aux outputs 12A/12V or 6A/24V (150W) and 20A/12V or 10A/24VA (250W) pwr ltd at 2.5A E2 enclosure (Sielox SLX150/250-C4PD8PE2)	1,343.67	96.86
28 16 11 00-0484	EA	4 lock, 8 aux outputs 2A /12V and 2A/24V fused at 3A system backed up with one battery set E1 enclosure (Sielox SLX75-B100C4D8E1)	746.04	53.78
28 16 11 00-0485	EA	4 lock, 8 aux outputs 2A /12V and 2A/24V pwr ltd at 2.5A system backed up with one battery set E1 enclosure (Sielox SLX75-B100C4PD8PE1)	746.04	53.78
28 16 11 00-0486	EA	8 lock outputs 6A/12V or 3A/24V fused at 3A E1 enclosure (Sielox SLX75-C8E1)	609.02	43.91
28 16 11 00-0487	EA	8 lock outputs 6A/12V or 3A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX75-C8PE1)	609.02	43.91
28 16 11 00-0488	EA	8 lock outputs 12A/12V or 6A/24V fused at 3A E1 enclosure (Sielox SLX150-C8E1)	768.88	55.42
28 16 11 00-0489	EA	8 lock outputs 12A/12V or 6A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX150-C8PE1)	768.88	55.42
28 16 11 00-0490	EA	8 lock, 8 aux outputs 6A/12V or 3A/24V fused at 3A E1 enclosure (Sielox SLX75-C8D8E1)	677.53	48.84
28 16 11 00-0491	EA	8 lock, 8 aux outputs 6A/12V or 3A/24V pwr ltd at 2.5A E1 enclosure (Sielox SLX75-C8PD8PE1)	677.53	48.84
28 16 11 00-0492	EA	8 lock, 8 aux outputs 12A/12V or 6A/24V fused at 3A E2 enclosure (Sielox SLX150-C8D8E2)	917.33	66.12
28 16 11 00-0493	EA	8 lock, 8 aux outputs 12A/12V or 6A/24V pwr ltd at 2.5A E2 enclosure (Sielox SLX150-C8PD8PE2)	917.33	66.12
28 16 11 00-0494	EA	8 lock, 8 aux outputs 20A/12V or 10A/24V fused at 3A E2 enclosure (Sielox SLX250-C8D8E2)	1,012.50	72.99
28 16 11 00-0495	EA	8 lock, 8 aux outputs 20A/12V or 10A/24V pwr ltd at 2.5A E2 enclosure (Sielox SLX250-C8PD8PE2)	1,012.50	72.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0496	EA	8 lock, 8 aux outputs 6A/12V or 3A/24V (75W) and 6A/12V or 3A/24V (75W) fused at 3A E2 enclosure (Sielox SLX75/75-C8D8E2)	963.01	69.42
28 16 11 00-0497	EA	8 lock, 8 aux outputs 6A/12V or 3A/24V (75W) and 6A/12V or 3A/24V (75W) pwr ltd at 2.5A E2 enclosure (Sielox SLX75/75-C8PD8PE2)	963.01	69.42
28 16 11 00-0498	EA	8 lock, 8 aux outputs 6A/12V or 3A/24V (75W) and 12A/12V or 6A/24V (150W) fused at 3A E2 enclosure (Sielox SLX75/150-C8D8E2)	1,122.87	80.94
28 16 11 00-0499	EA	8 lock, 8 aux outputs 6A/12V or 3A/24V (75W) and 12A/12V or 6A/24V (150W) pwr ltd at 2.5A E2 enclosure (Sielox SLX75/150-C8PD8PE2)	1,122.87	80.94
28 16 11 00-0500	EA	8 lock, 8 aux outputs 12A/12V or 6A/24V (150W) and 12A/12V or 6A/24V (150W) fused at 3A E2 enclosure (Sielox SLX150/150-C8D8E2)	1,282.75	92.48
28 16 11 00-0501	EA	8 lock, 8 aux outputs 12A/12V or 6A/24V (150W) and 12A/12V or 6A/24V (150W) pwr ltd at 2.5A E2 enclosure (Sielox SLX150/150-C8PD8PE2)	1,282.75	92.48
28 16 11 00-0502	EA	8 lock, 8 aux outputs 12A/12V or 6A/24V (150W) and 20A/12V or 10A/24V (250W) fused at 3A E2 enclosure (Sielox SLX150/250-C8D8E2)	1,381.72	99.61
28 16 11 00-0503	EA	8 lock, 8 aux outputs 12A/12V or 6A/24V (150W) and 20A/12V or 10A/24V (250W) pwr ltd at 2.5A E2 enclosure (Sielox SLX150/250-C8PD8PE2)	1,381.72	99.61
28 16 11 00-0504	EA	8 lock, 8 aux outputs 20A/12V or 10A/24V (250W) and 20A/12V or 10A/24V (250W) fused at 3A E2 enclosure (Sielox SLX250/250-C8D8E2)	1,476.86	106.47
28 16 11 00-0505	EA	8 lock, 8 aux outputs 20A/12V or 10A/24V (250W) and 20A/12V or 10A/24V (250W) pwr ltd at 2.5A E2 enclosure (Sielox SLX250/250-C8PD8PE2)	1,476.86	106.47
28 16 11 00-0506	EA	8 lock, 8 aux outputs 4A /12V and 4A/24V fused at 3A system backed up with one battery set E2 enclosure (Sielox SLX150-B100C8D8E2)	1,020.11	73.54
28 16 11 00-0507	EA	8 lock, 8 aux outputs 4A /12V and 4A/24V pwr ltd at 2.5A system backed up with one battery set E2 enclosure (Sielox SLX150-B100C8PD8PE2)	1,020.11	73.54
28 16 11 00-0508	EA	8 lock, 8 aux outputs 4A /12V and 8A/24V fused at 3A system backed up with one battery set E2 enclosure (Sielox SLX250-B100C8D8E2)	1,119.08	80.67
28 16 11 00-0509	EA	8 lock, 8 aux outputs 4A /12V and 8A/24V pwr ltd at 2.5A system backed up with one battery set E2 enclosure (Sielox SLX250-B100C8PD8PE2)	1,119.08	80.67
28 16 11 00-0510	EA	16 lock, 16 aux outputs 12A/12V or 6A/24V fused at 3A E4 enclosure (Sielox SLX150-2C82D8E4)	1,248.48	90.01
28 16 11 00-0511	EA	16 lock, 16 aux outputs 12A/12V or 6A/24V pwr ltd at 2.5A E4 enclosure (Sielox SLX150-2C8P2D8PE4)	1,248.48	90.01
28 16 11 00-0512	EA	16 lock, 16 aux outputs 20A/12V or 10A/24V fused at 3A E4 enclosure (Sielox SLX250-2C82D8E4)	1,347.46	97.14
28 16 11 00-0513	EA	16 lock, 16 aux outputs 20A/12V or 10A/24V pwr ltd at 2.5A E4 enclosure (Sielox SLX250-2C8P2D8PE4)	1,347.46	97.14
28 16 11 00-0514	EA	16 lock, 16 aux outputs 6A/12V or 3A/24V (75W) and 6A/12V or 3A/24V (75W) fused at 3A E4 enclosure (Sielox SLX75/75-2C82D8E4)	1,294.17	93.30
28 16 11 00-0515	EA	16 lock, 16 aux outputs 6A/12V or 3A/24V (75W) and 6A/12V or 3A/24V (75W) pwr ltd at 2.5A E4 enclosure (Sielox SLX75/75-2C8P2D8PE4)	1,294.17	93.30
28 16 11 00-0516	EA	16 lock, 16 aux outputs 12A/12V or 6A/24V (150W) and 12A/12V or 6A/24V (150W) fused at 3A E4 enclosure (Sielox SLX150/150-2C82D8E4)	1,613.91	116.34
28 16 11 00-0517	EA	16 lock, 16 aux outputs 12A/12V or 6A/24V (150W) and 12A/12V or 6A/24V (150W) pwr ltd at 2.5A E4 enclosure (Sielox SLX150/150-2C8P2D8PE4)	1,613.91	116.34
28 16 11 00-0518	EA	16 lock, 16 aux outputs 12A/12V or 6A/24V (150W) and 20A/12V or 10A/24V (250W) fused at 3A E4 enclosure (Sielox SLX150/250-2C82D8E4)	1,712.87	123.47
28 16 11 00-0519	EA	16 lock, 16 aux outputs 12A/12V or 6A/24V (150W) and 20A/12V or 10A/24V (250W) pwr ltd at 2.5A E4 enclosure (Sielox SLX150/250-2C8P2D8PE4)	1,712.87	123.47
28 16 11 00-0520	EA	16 lock, 16 aux outputs 20A/12V or 10A/24V (250W) and 20A/12V or 10A/24V (250W) fused at 3A E4 enclosure (Sielox SLX250/250-2C82D8E4)	1,811.85	130.61
28 16 11 00-0521	EA	16 lock, 16 aux outputs 20A/12V or 10A/24V (250W) and 20A/12V or 10A/24V (250W) pwr ltd at 2.5A E4 enclosure (Sielox SLX250/250-2C8P2D8PE4)	1,811.85	130.61
28 16 11 00-0522	EA	AC-1700 Controller Board - Includes 1 GB SD Card, connector kit, and fuse. (Sielox AC-1700-NN-2)	1,612.96	116.28
28 16 11 00-0523	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs. Includes Sielox Large Enclosure And 12 Volt DC Transformer (Sielox AC-1700-LS-2)	2,323.82	167.51
28 16 11 00-0524	EA	4-Reader Ethernet/RS485 Kit:Supports 4 Door Strikes, 4 Door Contacts, 4 REX Inputs, 8 Sup./Unsup. Inputs, 8 Sup./Unsup. Outputs. Includes Sielox Large Enclosure And 12 Volt DC Transformer (Sielox AC-1700-LS-4)	3,936.78	283.80
28 16 11 00-0525	EA	6-Reader Ethernet/RS485 Kit:Supports 6 Door Strikes, 6 Door Contacts, 6 REX Inputs, 12 Sup./Unsup. Inputs, 12 Sup./Unsup. Outputs. Includes Sielox Large Enclosure And 12 Volt DC Transformer (Sielox AC-1700-LS-6)	5,549.74	400.07
28 16 11 00-0526	EA	8-Reader Ethernet/RS485 Kit: Supports 8 Door Strikes, 8 Door Contacts, 8 REX Inputs, 16 Sup./Unsup. Inputs, 16 Sup./Unsup. Outputs . Includes Sielox Large Enclosure And 12 Volt DC Transformer (Sielox AC-1700-LS-8)	7,162.69	516.35
28 16 11 00-0527	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs. Includes Sielox Large Enclosure (Sielox AC-1700-LN-2)	2,041.18	147.15
28 16 11 00-0528	EA	4-Reader Ethernet/RS485 Kit: Supports 4 Door Strikes, 4 Door Contacts, 4 REX Inputs, 8 Sup./Unsup. Inputs, 8 Sup./Unsup. Outputs. Includes Sielox Large Enclosure (Sielox AC-1700-LN-4)	3,654.15	263.42
28 16 11 00-0529	EA	6-Reader Ethernet/RS485 Kit: Supports 6 Door Strikes, 6 Door Contacts, 6 REX Inputs, 12 Sup./Unsup. Inputs, 12 Sup./Unsup. Outputs. Includes Sielox Large Enclosure (Sielox AC-1700-LN-6)	5,267.11	379.70
28 16 11 00-0530	EA	8-Reader Ethernet/RS485 Kit: Supports 8 Door Strikes, 8 Door Contacts, 8 REX Inputs, 16 Sup./Unsup. Inputs, 16 Sup./Unsup. Outputs . Includes Sielox Large Enclosure (Sielox AC-1700-LN-8)	6,880.08	495.97
28 16 11 00-0531	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs. Includes Sielox Small Enclosure Holds 1 Controller. (Sielox AC-1700-SN-2)	1,955.54	140.97
28 16 11 00-0532	EA	2-Reader Ethernet/RS485 Kit: Supports 2 Door Strikes, 2 Door Contacts, 2 REX Inputs, 4 Sup./Unsup. Inputs, 4 Sup./Unsup. Outputs. Includes Sielox Small Enclosure And 12V 5A Transformer. Holds 1 Controller. (Sielox AC-1700-SS-2)	2,238.15	161.35
28 16 11 00-0533	EA	I/O Monting Plate - For Installation of BP5 or BP7 back planes in the AC-1700 large enclosure (Sielox AC-1700-IOMP)	114.19	8.22
28 16 11 00-0534	EA	AC-1700 I/O Backplane with capacity for: 7 I/O Modules in any combination, Requires Enclosure, Mounting Plate, I/O Modules, 1700 Controller and Power Supply (Sielox AC-1700-BP7I/O)	436.78	31.49
28 16 11 00-0535	EA	Input Expansion Kit - AC-INP Input Module and Connectors - 8 Inputs (Supervised /Unsupervised) For AC1700, AC1500, And AC1200 I/O Backplanes (Sielox AC-IEK)	385.41	27.78
28 16 11 00-0536	EA	Output Expansion Kit - AC-OUT Output Module and Connectors - 8 Outputs. For AC1700, AC1500, And AC1200 I/O Backplanes (Sielox AC-OEK)	428.22	30.87
28 16 11 00-0537	EA	6 and 12 Volt DC Power Regulator and Battery charger for AC-1700 And AC1500 Backplanes only! It includes an AC fail output. AC-PWRS not included. Required for Power. (Sielox AC-PRDUAL)	396.82	28.60
28 16 11 00-0538	EA	2-Door Pinnacle Ultra Package, 1- Controller (6201700), Small Enclosure Kit (6800111), and 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PULS-1700-2D)	2,552.20	183.98
28 16 11 00-0539	EA	2- Door Pinnacle Ultra Package, 1-Controller (6201700) with Large Enclosure (6800110) and 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PULL-1700-2D)	2,637.85	190.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0540	EA	4- Door Pinnacle Ultra Package, 2- Controllers (6201700) with Large Enclosure (6800110) and 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PULL-1700-4D)	4,250.81	306.43
28 16 11 00-0541	EA	6- Door Pinnacle Ultra Package, 3 - Controllers (6201700) with Large Enclosure (6800110) and 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PULL-1700-6D)	5,863.78	422.71
28 16 11 00-0542	EA	8 Door Pinnacle Ultra Package, 4- Controllers (6201700) with Large Enclosure (6800110) and 12 Volt DC Transformer (7209926) (Sielox AC-PULL-1700-8D)	7,476.74	538.97
28 16 11 00-0543	EA	2-Door Pinnacle Lite package, 1- Controller (6201700), Small Enclosure Kit (6800111), 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PLTS-1700-2D)	2,980.41	214.85
28 16 11 00-0544	EA	2- Door Pinnacle Lite Package, 1-Controller (6201700) with Large Enclosure (6800110) and 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PLTL-1700-2D)	3,066.06	221.03
28 16 11 00-0545	EA	4- Door Pinnacle Lite Package, 2-Controllers (6201700) with Large Enclosure (6800110) and 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PLTL-1700-4D)	4,679.02	337.30
28 16 11 00-0546	EA	6- Door Pinnacle Lite Package, 3 - Controllers (6201700) with Large Enclosure (6800110) and 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PLTL-1700-6D)	6,291.99	453.57
28 16 11 00-0547	EA	8- Door Pinnacle Lite Package, 4 - Controllers (6201700) with Large Enclosure (6800110) and 12 Volt DC Plugin Transformer (7209926). (Sielox AC-PLTL-1700-8D)	7,904.95	569.84
28 16 11 00-0548	EA	Badging for Pinnacle Lite (per concurrent user) (Sielox AC-BLT)	1,413.13	101.87
28 16 11 00-0549	EA	Badging for Pinnacle Standard Software (per concurrent user) (Sielox AC-BST)	1,570.13	113.20
28 16 11 00-0550	EA	Badging for Pinnacle Plus Software (per concurrent user) (Sielox AC-BPL)	1,755.71	126.57
28 16 11 00-0551	EA	Badging for Pinnacle Professional Software (per concurrent user) (Sielox AC-BPR)	2,269.57	163.60
28 16 11 00-0552	EA	Workstations for Pinnacle Standard (per Concurrent User) (Sielox AC-WST)	1,698.60	122.45
28 16 11 00-0553	EA	Workstations for Pinnacle Plus (per Concurrent User) (Sielox AC-WPL)	1,984.10	143.03
28 16 11 00-0554	EA	Workstations for Pinnacle Professional (per Concurrent User) (Sielox AC-WPR)	2,269.57	163.60
28 16 11 00-0555	EA	Workstations for Pinnacle Standard (per two Concurrent Users) (Sielox AC-WST2)	2,426.59	174.93
28 16 11 00-0556	EA	Workstations for Pinnacle Plus (per two Concurrent Users) (Sielox AC-WPL2)	2,997.54	216.08
28 16 11 00-0557	EA	Workstations for Pinnacle Professional (per two Concurrent Users) (Sielox AC-WPR2)	3,568.50	257.25
28 16 11 00-0558	EA	Workstations for Pinnacle Standard (per five Concurrent Users) (Sielox AC-WST5)	3,853.98	277.83
28 16 11 00-0559	EA	Workstations for Pinnacle Plus (per five Concurrent Users) (Sielox AC-WPL5)	5,566.86	401.30
28 16 11 00-0560	EA	Workstations for Pinnacle Professional (per five Concurrent Users) (Sielox AC-WPR5)	7,137.02	514.49
28 16 11 00-0561	EA	Pinnacle Lite Software [32 readers / 2K cards] A single user system includes license for 1 single operator only, installation and PDF user manuals (Sielox AC-PLT)	827.89	59.68
28 16 11 00-0562	EA	Pinnacle Standard Software [64 readers / 4K cards] A multiple user system that includes 2 operators (1 server license and 1 workstation seat license), installation and PDF user manual. (Sielox AC-PNST)	1,712.87	123.47
28 16 11 00-0563	EA	Pinnacle Plus Software [128 readers / 10K cards] A multiple user system that includes 2 operators (1 server license and 1 workstation seat license), installation and PDF user manuals. (Sielox AC-PNPL)	3,639.87	262.39
28 16 11 00-0564	EA	Pinnacle Professional Software [unlimited readers and cards] A multiple user system that includes 2 operators (1 server license and 1 workstation seat license), installation and PDF user manuals. (Sielox AC-PNPR)	9,891.88	713.08
28 16 11 00-0565	EA	Pinnacle Ultra From a Bundled Package to Pinnacle Lite (Sielox AC-PNUL2LT)	570.97	41.16
28 16 11 00-0566	EA	Pinnacle Lite to Pinnacle Standard (Sielox AC-PNLT2STA)	1,427.41	102.90
28 16 11 00-0567	EA	Pinnacle Standard to Pinnacle Plus (Sielox AC-PNST2PL)	2,141.10	154.34
28 16 11 00-0568	EA	Pinnacle Plus to Pinnacle Professional (Sielox AC-PNPL2PR)	7,850.70	565.95
28 16 11 00-0569	EA	Database Partitioning Option: Partition database by dividing a single system into multiple segments that can be independently operated and managed. A resulting partition consists of cardholders, cardholder custom fields, devices, access levels, time zones, holidays, and filters. (Sielox AC-DBPART)	1,427.41	102.90
28 16 11 00-0570	EA	SDK Licensing with 3 hours of phone support - A software development kit with library calls for developing standalone applications for qualified programmers via a separate licensing agreement (Sielox AC-PINSDK)	5,695.33	410.57
28 16 11 00-0571	EA	Pinnacle Data Exchange -This Application allows data exchange from third party databases into Pinnacle. Automatically or manually Add, Delete or Modify cardholder's database. (Sielox AC-DETEX)	1,427.41	102.90
28 16 11 00-0572	EA	Pinnacle Data Exchange Professional Services -Includes the Initial Setup and Configuration of the Data Exchange . If additional support is needed refer to the Professional Services Support Offerings part # 569936. (Sielox AC-DATEXPS)	4,267.94	307.66
28 16 11 00-0573	EA	Pinnacle Data Exchange Kit -Includes Data Exchange and Professional Services (Sielox AC-DATEXKIT)	5,695.33	410.57
28 16 11 00-0574	EA	AC-1700 Large Enclosure. Holds up to 4 controllers. -Dimensions: 17" x 22" x 3.5" (40.64 cm x 50.80 cm x 8.99 cm) (Sielox AC-1700ENCL)	428.22	30.87
28 16 11 00-0575	EA	AC-1700 Small Enclosure. Holds 1 controller - Dimensions: 12" x 12" x 3.5" (30.48 cm x 30.48 cm x 8.89 cm) (Sielox AC-1700ENCS)	342.57	24.70
28 16 11 00-0576	EA	Retrofit Mounting Plate - For mounting up to 4 AC-1700 controller boards in the AC-1500 large enclosure or other large enclosures. (Sielox AC-1700-RMP-2)	114.19	8.22
28 16 11 00-0577	EA	Mounting Plate - For a single AC-1700 Controller Board (Sielox AC-1700-MP)	85.64	6.17
28 16 11 00-0578	EA	Pinnacle Argos License upgrade to 64 cameras - Requires Pinnacle Standard License (Sielox AC-ARGOS64)	713.71	51.46
28 16 11 00-0579	EA	Pinnacle Argos License upgrade to 128 cameras -Requires Pinnacle Plus License (Sielox AC-ARGOS128)	1,427.41	102.90
28 16 11 00-0580	EA	Pinnacle Argos License upgrade to Unlimited cameras -Requires Pinnacle Professional License (Sielox AC-ARGOSUNL)	4,282.21	308.70
28 16 11 00-0581	EA	Hardware COM Server Option : Distribute controllers around multi-hardware servers to enhance communication efficiency. Link inputs and outputs between different hardware servers. Note #1: Available for licensing with Pinnacle Professional only. Note #2: A workstation (client) license is only used up if the Pinnacle GUI is also being run on a Hardware COM server. (Sielox AC-HWSRV)	2,897.63	208.89
28 16 11 00-0582	EA	Panel Interface Module (Sielox PIM400-485-RSI)	2,494.09	179.79
28 16 11 00-0583	EA	Mifare Smart Cards (Sielox XF9551)	7.49	0.54
28 16 11 00-0584	EA	AD-400 Lock (Sielox AD-400-MS-70-MTK-SPA-626-RD-EV29S-S123-RH-4B-09-663-10-072-13?4)	4,045.53	291.63
28 16 11 00-0585	EA	AD-400 Lock (Sielox AD-400-CY-70-MT-SPA-626-LD-RH-4B-13-049-10-025-1 3/4)	3,366.66	242.69
28 16 11 00-0586	EA	AD-400 Lock (Sielox AD-400-CY-70-MSK-SPA-626-PD-EV29S-S123-RH-4B-13-049-10-025-1 3/4)	3,414.63	246.16
28 16 11 00-0587	EA	NDE Lock (Sielox NDE-80-PD-SPA-626-SPA-626-13-047-10-130-S123)	1,398.32	100.80
28 16 11 00-0588	EA	NDE Lock (Sielox NDE-80-LD-SPA-626-SPA-626-13-047-10-130-S123)	1,300.55	93.76
28 16 11 00-0589	EA	NDE Engage Gateway (Sielox NDE Engage Gateway)	1,584.63	114.23
28 16 11 00-0590	EA	aptiQ Reader (Sielox MT15)	363.42	26.19
28 16 11 00-0591	EA	aptiQ Reader (Sielox MTK15)	590.32	42.56
28 16 11 00-0592	EA	AD Series Network Hardwired Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader (Sielox AD300-CY-70-MT-SPA-626-BD-RH-13-049-10-025-1 3/4) Note: Includes Sparta Lever with a Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,268.15	163.51

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0593	EA	AD Series Network Hardwired Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader (Sielox AD300-CY-70-MT-SPA-626-JD-RH-13-049-10-025-1 3/4) Note: Includes Sparta Lever with a Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Right Handed, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,229.55	160.72
28 16 11 00-0594	EA	AD Series Network Hardwired Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader (Sielox AD300-CY-70-MT-SPA-626-PD S123-RH-13-049-10-025-1 3/4) Note: Includes Sparta Lever with a Satin Chrome Finish, Full Cylinder, 6 Pin SFIC Core, Everest 29 Keyway Type, Right handed, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,268.15	163.51
28 16 11 00-0595	EA	AD Series Network Hardwired Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad (Sielox AD300-CY-70-MTK-SPA-626-BD-RH-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,341.36	168.79
28 16 11 00-0596	EA	AD Series Network Hardwired Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad (Sielox AD300-CY-70-MTK-SPA-626-JD-RH-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Right Handed, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,302.77	166.00
28 16 11 00-0597	EA	AD Series Network Hardwired Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad (Sielox AD300-CY-70-MTK-SPA-626-PD S123-RH-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, Full Cylinder, 6 Pin SFIC Core, Everest 29 Keyway Type, Right Handed, Backset And Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,341.36	168.79
28 16 11 00-0598	EA	AD Series Network Hardwired Lock, Exit Trim - Rim/CVR/CVC, Classroom/Storeroom Function, Multi-Technology Reader, Rhodes Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed Reverse, Door Thickness (1-3/4") (Sielox AD300-993R-70-MT-RHO-626-BD-RHR-1 3/4)	2,627.53	189.41
28 16 11 00-0599	EA	AD Series Networked Hardwired Lock, Exit Trim - SVR, Classroom/Storeroom Function, Multi-Technology Reader, Rhodes Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed Reverse, Door Thickness (1-3/4") (Sielox AD300-993S-70-MT-RHO-626-BD-RHR-1 3/4)	2,662.14	191.91
28 16 11 00-0600	EA	AD Series Networked Hardwired Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader, Sparta Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, Mortise Lock Armor Front (1-1/4" wide square corner, latch for MS), Strike Plate (1-3/16" lip, 1-1/4" x 4-7/8" square corner box), Door Thickness (1-3/4") (Sielox AD300-MS-70-MT-SPA-626-BD-RH-09-663-10-072-1 3/4)	2,570.30	185.29
28 16 11 00-0601	EA	AD Series Networked Hardwired Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader, Sparta Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Right Handed, Mortise Lock Armor Front (1-1/4" wide square corner, latch for MS), Strike Plate (1-3/16" lip, 1-1/4" x 4-7/8" square corner box), Door Thickness (1-3/4") (Sielox AD300-MS-70-MT-SPA-626-JD-RH-09-663-10-072-1 3/4)	2,531.68	182.50
28 16 11 00-0602	EA	AD Series Networked Hardwired Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader, Sparta Lever with Satin Chrome Finish, 6 Pin Full Cylinder with Everest 29 Keyway Type, Right Handed, Mortise Lock Armor Front (1-1/4" wide square corner, latch for MS), Strike Plate (1-3/16" lip, 1-1/4" x 4-7/8" square corner box), Door Thickness (1-3/4") (Sielox AD300-MS-70-MT-SPA-626-PD S123-RH-09-663-10-072-1 3/4)	2,570.30	185.29
28 16 11 00-0603	EA	AD Series Networked Hardwired Mortise Lock, Classroom/Storeroom Funciton, Multi-Technology Reader with Keypad, Sparta Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, Mortise Lock Armor Front (1-1/4" wide square corner, latch for MS), Strike Plate (1-3/16" lip, 1-1/4" x 4-7/8" square corner box), Door Thickness (1-3/4") (Sielox AD300-MS-70-MTK-SPA-626-BD-RH-09-663-10-072-1 3/4)	2,643.51	190.57
28 16 11 00-0604	EA	AD Series Networked Hardwired Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad, Sparta Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Right Handed, Mortise Lock Armor Front (1-1/4" wide square corner, latch for MS), Strike Plate (1-3/16" lip, 1-1/4" x 4-7/8" square corner box), Door Thickness (1-3/4") (Sielox AD300-MS-70-MTK-SPA-626-JD-RH-09-663-10-072-1 3/4)	2,604.90	187.78
28 16 11 00-0605	EA	AD Series Networked Hardwired Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad, Sparta Lever with Satin Chrome Finish, 6 Pin Full Cylinder with Everest 29 Keyway Type, Right Handed, Mortise Lock Armor Front (1-1/4" wide square corner, latch for MS), Strike Plate (1-3/16" lip, 1-1/4" x 4-7/8" square corner box), Door Thickness (1-3/4") (Sielox AD300-MS-70-MTK-SPA-626-PD S123-RH-09-663-10-072-1 3/4)	2,643.51	190.57
28 16 11 00-0606	EA	AD Series Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader (Sielox AD400-CY-70-MT-SPA-626-BD-RH-4B-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,499.75	180.20
28 16 11 00-0607	EA	AD Series Networked Wireless Cylindral Lock, Classroom/Storeroom Function, Multi-Technology Reader (Sielox AD400-CY-70-MT-SPA-626-JD-RH-4B-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,461.15	177.42
28 16 11 00-0608	EA	AD Series Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader (Sielox AD400-CY-70-MT-SPA-626-PD S123-RH-4B-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, 6 Pin Full Cylinder with Everest 29 Keyway Type, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,499.75	180.20
28 16 11 00-0609	EA	AD Series Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad (Sielox AD400-CY-70-MTK-SPA-626-BD-RH-4B-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,572.95	185.48
28 16 11 00-0610	EA	AD Serires Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad (Sielox AD400-CY-70-MTK-SPA-626-JD-RH-4B-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,534.36	182.69
28 16 11 00-0611	EA	AD Series Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad (Sielox AD400-CY-70-MTK-SPA-626-PD S123-RH-4B-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, 6 Pin Full Cylinder with Everest 29 Keyway Type, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,572.95	185.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0612	EA	AD Series Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader (Sielox AD-400-CY-70-MT-RHO-626-BD-RH-4B-13-049-10-025-1 3/4) Note: Includes Rhodes Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,499.75	180.20
28 16 11 00-0613	EA	AD Series Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad, Athens Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core (Sielox AD400-CY-70-MTK-ATH-626-JD)	2,534.36	182.69
28 16 11 00-0614	EA	AD Series Networked Wirless Lock, Exit Trim - Rim/CVR/CVC, Classroom/Storeroom Function, Multi-Technology Reader, Rhodes Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed Reverse, 4AA Battery Kit, Door Thickness (1-3/4") (Sielox AD400-993R-70-MT-RHO-626-BD-RHR-4B-1 3/4)	2,880.44	207.64
28 16 11 00-0615	EA	AD Series Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Multi-Technology Reader (Sielox AD400-CY-70-MT-SPA-626-LD-RH-4B-13-049-10-025- 1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, Less Cylinder, 6 Pin Key-in-Lever, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,429.21	175.11
28 16 11 00-0616	EA	AD Series Networked Wireless Cylindrical Lock, Classroom/Storeroom Function, Magnetic Stripe + Keypad (Swipe) (Sielox AD400-CY-70-MSK-SPA-626-PD-EV29S-S123-RH-4B-13-049-10-025-1 3/4) Note: Includes Sparta Lever with Satin Chrome Finish, 6 Pin Full Cylinder with Everest 29 Keyway Type, Right Handed, 4AA Battery Kit, Backset and Latchbolt (2-3/4" backset, deadlatch, square corner, 1-1/8"x 2-1/4"), Strike Plate (1-3/16" Lip, ANSI, no box, 1-1/14" x 4-7/8"), Door Thickness (1-3/4")	2,463.82	177.60
28 16 11 00-0617	EA	AD Series Networked Wireless Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader, Sparta Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, 4AA Battery Kit, Mortise Lock Armor Front (1-1/4" Wide Square Corner, Latch for MS), Strike Plate (1-3/16" Lip, 1-1/4" x 4-7/8", Square Corner Box), Door Thickness (1-3/4") (Sielox AD400-MS-70-MT-SPA-626-BD-RH-4B-09-663-10-072-1 3/4)	2,803.23	202.08
28 16 11 00-0618	EA	AD Series Networked Wireless Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader, Sparta Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Right Handed, 4AA Battery Kit, Mortise Lock Armor Front (1-1/4" Wide Square Corner, Latch for MS), Strike Plate (1-3/16" Lip, 1-1/4" x 4-7/8", Square Corner Box), Door Thickness (1-3/4") (Sielox AD400-MS-70-MT-SPA-626-JD-RH-4B-09-663-10-072-1 3/4)	2,764.62	199.30
28 16 11 00-0619	EA	AD Series Networked Wireless Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader, Sparta Lever with Satin Chrome Finish, 6 Pin Full Cylinder with Everest 29 Keyway Type, Right Handed, 4AA Battery Kit, Mortise Lock Armor Front (1-1/4" Wide Square Corner, Latch for MS), Strike Plate (1-3/16" Lip, 1-1/4" x 4-7/8", Square Corner Box), Door Thickness (1-3/4") (Sielox AD400-MS-70-MT-SPA-626-PD S123-RH-4B-09-663-10-072-1 3/4)	2,803.23	202.08
28 16 11 00-0620	EA	AD Series Networked Wireless Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad, Sparta Lever with Satin Chrome Finish, Less Cylinder, 7 Pin SFIC Core, Right Handed, 4AA Battery Kit, Mortise Lock Armor Front (1-1/4" Wide Square Corner, Latch for MS), Strike Plate (1-3/16" Lip, 1-1/4" x 4-7/8", Square Corner Box), Door Thickness (1-3/4") (Sielox AD400-MS-70-MTK-SPA-626-BD-RH-4B-09-663-10-072-1 3/4)	2,876.45	207.36
28 16 11 00-0621	EA	AD Series Networked Wireless Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad, Sparta Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Right Handed, 4AA Battery Kit, Mortise Lock Armor Front (1-1/4" Wide Square Corner, Latch for MS), Strike Plate (1-3/16" Lip, 1-1/4" x 4-7/8", Square Corner Box), Door Thickness (1-3/4") (Sielox AD400-MS-70-MTK-SPA-626-JD-RH-4B-09-663-10-072-1 3/4)	2,837.84	204.58
28 16 11 00-0622	EA	AD Series Networked Wireless Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader with Keypad, Sparta Lever with Satin Chrome Finish, 6 Pin Full Cylinder with Everest 29 Keyway Type, Right Handed, 4AA Battery Kit, Mortise Lock Armor Front (1-1/4" Wide Square Corner, Latch for MS), Strike Plate (1-3/16" Lip, 1-1/4" x 4-7/8", Square Corner Box), Door Thickness (1-3/4") (Sielox AD400-MS-70-MTK-SPA-626-PD S123-RH-4B-09-663-10-072-1 3/4)	2,876.45	207.36
28 16 11 00-0623	EA	AD Series Networked Wireless Mortise Lock, Classroom/Storeroom Function, Multi-Technology Reader, Sparta Lever with Satin Chrome Finish, With Cylinder, Everest 29 Keyway Type, 6 Pin SFIC Core, Right Handed, 4AA Battery Kit, Mortise Lock Armor Front (1-1/4" Wide Square Corner, Latch for MS), Strike Plate (1-3/16" Lip, 1-1/4" x 4-7/8", Square Corner Box), Door Thickness (1-3/4") (Sielox AD400-MS-70-MTK-SPA-626-RD-EV29S-S123-RH-4B-09-663-10-072-1 3/4)	2,919.04	210.43
28 16 11 00-0624	EA	AD Serires Networked Wireless Lock, Exit Trim - Mortise, Classroom/Storeroom Function, Multi-Technology Reader with Keypad, Athens Lever with Satin Chrome Finish, Less Cylinder, 6 Pin SFIC Core, Everest 29 Keyway Type, Right Handed (Sielox AD400-993M-70-MTK-ATH-626-JD-S123-RH)	2,839.17	204.68
28 16 11 00-0625	EA	NDE Series Wireless Lock, Storeroom with Vandigard Function, Less Cylinder, 7 Pin SFIC Core, Sparta Lever with Satin Chrome Finish, Backset and Latchbolt (2-3/4" Backeset, Deadlatch, Square Corner, 1-1/8" x 2-1/4" Standard), Strike Plate (1-3/16" Lip, ANSI, DPS Magnets, no box, 1-1/4" x 4-7/8" Standard) (Sielox NDE-80-BD-SPA-626-13-047-10-130)	1,013.77	73.08
28 16 11 00-0626	EA	NDE Series Wireless Lock, Storeroom with Vandigard Function, Less Cylinder, 6 Pin SFIC Core, Sparta Lever with Satin Chrome Finish, Backset and Latchbolt (2-3/4" Backeset, Deadlatch, Square Corner, 1-1/8" x 2-1/4" Standard), Strike Plate (1-3/16" Lip, ANSI, DPS Magnets, no box, 1-1/4" x 4-7/8" Standard) (Sielox NDE-80-JD-SPA-626-13-047-10-130)	975.00	70.29
28 16 11 00-0627	EA	NDE Series Wireless Lock, Storeroom with Vandigard Function, 6 Pin Full Cylinder SFIC Core, Sparta Lever with Satin Chrome Finish, Backset and Latchbolt (2-3/4" Backeset, Deadlatch, Square Corner, 1-1/8" x 2-1/4" Standard), Strike Plate (1-3/16" Lip, ANSI, DPS Magnets, no box, 1-1/4" x 4-7/8" Standard) (Sielox NDE-80-PD-SPA-626-13-047-10-130-S123)	1,013.77	73.08
28 16 11 00-0628	EA	Handheld, battery-operated unit with Multi-Technology Reader Module (Sielox WPR400-MT)	2,273.46	163.89
28 16 11 00-0629	EA	Handheld, Battery-operated unit with Multi-Technology with Keypead Reader Module (Sielox WPR400-MTK)	2,346.69	169.16
28 16 11 00-0630	EA	Pre-Installed Test Kit: Complete with WPR400-DT, PIM400-TD2, 593PI Power Supply, Charger, Carrying Case (Sielox TK400)	1,906.08	137.41
28 16 11 00-0631	EA	Compatible with Wiegand or Clock And Data (Sielox WRI400) Note: Includes Weatherproof Enclosure, inputs for two parallel readers. Requires 12 or 24 Volt DC Power Supply	1,148.72	82.81
28 16 11 00-0632	EA	12 Volt DC Power Supply; Includes WRI400, PIM400-TD2, ANT400-REM-I/O (Sielox ECK400)	3,239.84	233.56
28 16 11 00-0633	EA	12 Volt DC Power Supply; Includes WRI400, PIM400-TD2, ANT400-REM-I/O, MGB+MCA5 (Sielox GCK400)	3,383.58	243.92
28 16 11 00-0634	EA	Wiegand or Clock And Data Output (Sielox PIB300-2D) Note: Includes Weatherproof Enclosure (7.1" x 7.1"), RS485 Input, Requires 12 or 24 Volt DC Power Supply. Supports up to two AD-300 Locks.	551.07	39.72
28 16 11 00-0635	EA	Used to power PIM-TD2, PIM-TD4, PIM-EXP, WRI-OTD-12 Volt DC, and WRI-IN-12 Volt DC as well as PIM400 and WRI400 (Sielox 593PI-12DC)	134.44	9.69
28 16 11 00-0636	EA	USB Cable, Handheld Device, With SUS Installed and HH-USB Cable (Sielox HHD-Kit-USB)	1,432.23	103.25
28 16 11 00-0637	EA	Classroom/Storeroom Functions (Cylindrical, Mortise and Exit Chassis), Privacy/Apartment Functions (Mortise Deadbolt Chassis) (Sielox COM400L)	417.95	30.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0638	EA	Classroom/Storeroom Functions (Cylindrical, Mortise and Exit Chassis), Privacy/Apartment Functions (Mortise Deadbolt Chassis) (Sielox COM300L)	386.01	27.83
28 16 11 00-0639	EA	Single Solution that reads 125 KHz Proximity and 13.56 MHz smart credentials (Sielox MT)	815.95	58.82
28 16 11 00-0640	EA	Single Solution that reads 125 KHz Proximity and 13.56 MHz smart credentials, comes with 12 button keypad (Sielox MTK)	889.14	64.10
28 16 11 00-0641	EA	Electromagnetic Lock, Automatic Voltage Selection, Magnetic Bond Sensor, Door Status Monitor, 628 Satin Aluminum Finish (Sielox M390RFK)	1,003.63	72.35
28 16 11 00-0642	EA	Electromagnetic Lock, Automatic Voltage Selection (Sielox M420)	618.96	44.62
28 16 11 00-0643	EA	Electromagnetic Lock, Automatic Voltage Selection, Door Status Monitor (DSM), Magnetic Bond Sensor (MBS), Relocking Time Delay (RTD) (Sielox M420P)	853.22	61.51
28 16 11 00-0644	EA	Electromagnetic Lock, Automatic Voltage Selection (Sielox M490)	774.69	55.85
28 16 11 00-0645	EA	Electromagnetic Lock, Automatic Voltage Selection, Door Status Monitor (DSM), Magnetic Bond Sensor (MBS), Relocking Time Delay (RTD) (Sielox M490P)	1,003.63	72.35

28 16 11 00-0646 Exterior Mounting Posts For Door Operator Access Controls *(28 16 11)*

Note: For Use With card reader, intercom, camera, keypad, door exit button, door open button. Excludes concrete pads and electrical connections.

28 16 11 00-0647	EA	4" x 4" x 47" Tall, In-Ground, Stainless Steel, Tower Pedestal Post (Pedestal Pro ADA-SS-TWR-47x4x4)	956.54	53.71
		Note: For door keypad or card reader operator access controls		
		For Surface Mount With Baseplate And Bolts, Add	*105.63*	
28 16 11 00-0648	EA	4" x 6" x 47" Tall, In-Ground, Stainless Steel, Tower Pedestal Post (Pedestal Pro ADA-SS-TWR-47x4x6)	1,089.19	62.66
		Note: For door keypad or card reader operator access controls		
		For Surface Mount With Baseplate And Bolts, Add	*119.01*	
28 16 11 00-0649	EA	4" x 6" x 47" Tall, In-Ground, Stainless Steel, Tower Pedestal Post With Two Single Gang Cutouts (Pedestal Pro ADA-SS-TWR-47x4x6-2)	1,215.41	62.66
		Note: For door keypad or card reader operator access controls		
		For Surface Mount With Baseplate And Bolts, Add	*119.01*	

28 18 Security Access Detection Equipment *(28 10)*

28 18 11 Security Access Metal Detectors *(28 18)*

28 18 11 00-0001 Metal Detectors *(28 18 11)*

28 18 11 00-0002	EA	Handheld Scanner (Garrett Super Scanner V)	269.03	30.24
28 18 11 00-0003	EA	Single-Zone, Walk-Through Metal Detector, Complete Unit (Garrett CS 5000)	4,341.66	362.86
28 18 11 00-0004	EA	Multi-Zone, Walk-Through Metal Detector, Complete Unit (Garrett PD 6500I)	6,702.14	483.81

28 20 Video Surveillance *(28)*

Note: Includes testing of new devices and certification.

28 21 Surveillance Cameras *(28 20)*

28 21 31 Proprietary Surveillance Camera Systems *(28 21)*

Note: Includes programming of equipment, testing and certification of new devices.

28 21 31 00-0001 Closed Circuit Television And Surveillance Systems *(28 21 31)*

28 21 31 00-0002 Cameras And Accessories *(28 21 31 00-0001)*

28 21 31 00-0003 Cameras *(28 21 31 00-0002)*

28 21 31 00-0004 General Use Video Camera *(28 21 31 00-0003)*

28 21 31 00-0005	EA	Video Dome Spectra III, CIR/BW 23x Heavy Duty, Pendant	7,587.40	237.97
		Note: Environmental clear bubble.		
28 21 31 00-0006	EA	Ipak Enclosed Dust Tight Color Camera, Standard Resolution Lens	1,260.32	119.12
		Note: 3.5-8mm AI shields, wall mount.		
28 21 31 00-0007	EA	Esprit Image Pak PTZ Camera	5,942.42	238.24
28 21 31 00-0008	EA	UF-LED 30 Degree, 850mm (252 LEDs) Includes Power Supply, 120 Volt AC	2,503.46	119.12

28 21 31 00-0009 Camera Power Supply *(28 21 31 00-0003)*

28 21 31 00-0010	EA	100 VA Outdoor Power Supply	434.42	59.56
28 21 31 00-0011	EA	Surge Protector, Isolated Coax Protector For CCTV	195.91	29.40
28 21 31 00-0012	EA	Altronics Power Supply With 8 Fused Outputs	919.91	119.12

28 21 31 00-0013 Miscellaneous Accessories *(28 21 31 00-0002)*

28 21 31 00-0014	EA	8 Channel DVR NTSC/PAL 250 GB With CD-RW	13,731.13	212.68
28 21 31 00-0015	EA	High Resolution Ethernet Video Server, Encoder, 12 Volt DC	2,062.14	238.24
28 21 31 00-0016	EA	High Resolution Ethernet Video Server, With Audio, Encoder, 12 Volt DC	2,345.30	238.24
28 21 31 00-0017	EA	High Resolution Ethernet Video Server, Decoder, 12 Volt DC	1,699.70	238.24
28 21 31 00-0018	EA	High Resolution Ethernet Video Server, With Audio, Decoder, 12 Volt DC	1,914.89	238.24
28 21 31 00-0019	EA	Outdoor Multi-Band Wireless Ethernet Bridge, 4 Inputs	3,851.63	238.24
		Note: 5.3 or 5.8 GHz.		
28 21 31 00-0020	EA	24 dBi Gain, 5.25-5.85 GHz Band, 9 Degree Beamwidth, Patch Antenna	1,722.36	238.24
28 21 31 00-0021	EA	Extreme IR Illuminator, ZXLED850.20	5,444.83	238.24
28 21 31 00-0022	EA	Extreme IR Illuminator, UFLED850.30	2,503.46	119.12
28 21 31 00-0023	EA	Extreme IR Illuminator, EX26LED850M	1,370.84	119.12
28 21 31 00-0024	EA	Smart Sight Wireless Link	6,807.32	119.12
28 21 31 00-0025	EA	S1000 System Including Transmitter And Receiver	8,178.16	237.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0026	EA	S1600e-R Video Decoder	1,993.01	119.12
28 21 31 00-0027	EA	Pole Mount Adapter	362.43	119.12
28 21 31 00-0028		Camera Mounting *(28 21 31 00-0002)*		
28 21 31 00-0029		Camera Wall Mounts *(28 21 31 00-0028)*		
28 21 31 00-0030	EA	Parapet Camera Wall Mount, 1.5" Diameter Pipe	961.29	118.98
28 21 31 00-0031	EA	Spectra Wall Mount, Gray	219.68	59.56
28 21 31 00-0032	EA	Spectra Wall Mount Pole Adapter For SWM-GY	178.94	59.56
28 21 31 00-0033	EA	Wall Mount Bracket For Exterior CCTV	713.39	119.12
28 21 31 00-0034		Control Panels *(28 21 31 00-0002)*		
28 21 31 00-0035	EA	CCTV Control Panel With Keyboard And Battery Backup, Up To 7 Cameras	35,977.50	
28 21 31 00-0036	EA	CCTV Control Panel With Keyboard And Battery Backup, 7 To 14 Cameras	43,173.00	
28 21 31 00-0037	EA	CCTV Control Panel With Keyboard And Battery Backup, 15 To 20 Cameras	50,368.50	
28 21 31 00-0038	EA	CCTV Control Panel With Keyboard And Battery Backup, >21 Cameras	57,564.00	
28 21 31 00-0039		Closed Circuit Television And Surveillance Systems (Pelco) *(28 21 31)*		
28 21 31 00-0040		Cameras And Accessories *(28 21 31 00-0039)*		
28 21 31 00-0041		Cameras *(28 21 31 00-0040)*		
28 21 31 00-0042		Compact, 1/3" Format Cameras *(28 21 31 00-0041)*		
28 21 31 00-0043		High Resolution Color, Compact, 1/3" Format Cameras *(28 21 31 00-0042)*		
28 21 31 00-0044	EA	High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6)	508.66	30.29
28 21 31 00-0045		Day/Night, Compact, 1/3" Format Cameras *(28 21 31 00-0042)*		
28 21 31 00-0046	EA	High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6)	305.43	30.29
28 21 31 00-0047		Camerapaks *(28 21 31 00-0040)* Note: Includes camera and lens.		
28 21 31 00-0048		Camerapaks *(28 21 31 00-0047)*		
28 21 31 00-0049		High Resolution Color, Camerapaks *(28 21 31 00-0048)*		
28 21 31 00-0050		Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0049)*		
28 21 31 00-0051		Manual Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0050)*		
28 21 31 00-0052	EA	2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3)	393.58	30.29
28 21 31 00-0053	EA	2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8)	370.73	30.29
28 21 31 00-0054	EA	4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4)	360.12	30.29
28 21 31 00-0055	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8)	357.67	30.29
28 21 31 00-0056		Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0050)*		
28 21 31 00-0057	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A)	427.86	30.29
28 21 31 00-0058	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A)	393.58	30.29
28 21 31 00-0059	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A)	385.42	30.29
28 21 31 00-0060	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A)	378.89	30.29
28 21 31 00-0061		Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0049)*		
28 21 31 00-0062		Manual Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0061)*		
28 21 31 00-0063	EA	1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1)	461.32	30.29
28 21 31 00-0064	EA	2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2)	417.25	30.29
28 21 31 00-0065	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21)	381.34	30.29
28 21 31 00-0066	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3)	366.65	30.29
28 21 31 00-0067	EA	5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5)	421.33	30.29
28 21 31 00-0068		Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0061)*		
28 21 31 00-0069	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A)	497.24	30.29
28 21 31 00-0070	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A)	467.04	30.29
28 21 31 00-0071	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A)	415.62	30.29
28 21 31 00-0072	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A)	372.36	30.29
28 21 31 00-0073	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A)	438.47	30.29
28 21 31 00-0074	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A)	493.97	30.29
28 21 31 00-0075	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A)	564.98	30.29
28 21 31 00-0076		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0061)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0077	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A)	391.13	30.29
28 21 31 00-0078	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A)	465.41	30.29
28 21 31 00-0079		High Resolution Day/Night, Camerapaks *(28 21 31 00-0048)*		
28 21 31 00-0080		Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0079)*		
28 21 31 00-0081		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0080)*		
28 21 31 00-0082	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A)	778.83	30.29
28 21 31 00-0083	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A)	727.41	30.29
28 21 31 00-0084	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A)	684.15	30.29
28 21 31 00-0085	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A)	750.26	30.29
28 21 31 00-0086	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A)	805.76	30.29
28 21 31 00-0087	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A)	875.95	30.29
28 21 31 00-0088		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0080)*		
28 21 31 00-0089	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A)	702.92	30.29
28 21 31 00-0090	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A)	777.19	30.29
28 21 31 00-0091		Compact Camerapaks *(28 21 31 00-0047)*		
28 21 31 00-0092		High Resolution Color, Compact Camerapaks *(28 21 31 00-0091)*		
28 21 31 00-0093		DSS, High Resolution Color, Compact Camerapaks *(28 21 31 00-0092)*		
28 21 31 00-0094		Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0093)*		
28 21 31 00-0095		Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0094)*		
28 21 31 00-0096	EA	2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3)	606.61	30.29
28 21 31 00-0097	EA	2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8)	583.75	30.29
28 21 31 00-0098	EA	4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4)	572.33	30.29
28 21 31 00-0099	EA	8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8)	569.88	30.29
28 21 31 00-0100		Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0094)*		
28 21 31 00-0101	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A)	640.07	30.29
28 21 31 00-0102	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A)	606.61	30.29
28 21 31 00-0103	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A)	598.45	30.29
28 21 31 00-0104	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A)	591.92	30.29
28 21 31 00-0105		Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0093)*		
28 21 31 00-0106		Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0105)*		
28 21 31 00-0107	EA	1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1)	674.35	30.29
28 21 31 00-0108	EA	2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2)	629.46	30.29
28 21 31 00-0109	EA	2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21)	594.36	30.29
28 21 31 00-0110	EA	3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3)	579.67	30.29
28 21 31 00-0111	EA	5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5)	633.54	30.29
28 21 31 00-0112	EA	5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50)	668.64	30.29
28 21 31 00-0113	EA	5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55)	751.89	30.29
28 21 31 00-0114		Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0105)*		
28 21 31 00-0115	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A)	709.45	30.29
28 21 31 00-0116	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A)	680.07	30.29
28 21 31 00-0117	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A)	628.65	30.29
28 21 31 00-0118	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A)	584.57	30.29
28 21 31 00-0119	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A)	651.50	30.29
28 21 31 00-0120	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A)	707.00	30.29
28 21 31 00-0121	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A)	777.19	30.29
28 21 31 00-0122		Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0105)*		
28 21 31 00-0123	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A)	604.16	30.29
28 21 31 00-0124	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A)	678.43	30.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0125		EDR, High Resolution Color, Compact Camerapaks *(28 21 31 00-0092)*		
28 21 31 00-0126		Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0125)*		
28 21 31 00-0127		Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0126)*		
28 21 31 00-0128	EA	2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3)	606.61	30.29
28 21 31 00-0129	EA	2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8)	456.43	30.29
28 21 31 00-0130	EA	4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4)	445.00	30.29
28 21 31 00-0131	EA	8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8)	442.55	30.29
28 21 31 00-0132		Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0126)*		
28 21 31 00-0133	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A)	512.74	30.29
28 21 31 00-0134	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A)	479.28	30.29
28 21 31 00-0135	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A)	471.12	30.29
28 21 31 00-0136	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A)	471.12	30.29
28 21 31 00-0137		Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0125)*		
28 21 31 00-0138		Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0137)*		
28 21 31 00-0139	EA	1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1)	547.03	30.29
28 21 31 00-0140	EA	2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2)	502.13	30.29
28 21 31 00-0141	EA	2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21)	467.04	30.29
28 21 31 00-0142	EA	3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3)	452.35	30.29
28 21 31 00-0143	EA	5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5)	506.22	30.29
28 21 31 00-0144	EA	5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50)	541.31	30.29
28 21 31 00-0145	EA	5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55)	624.56	30.29
28 21 31 00-0146		Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0137)*		
28 21 31 00-0147	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A)	582.12	30.29
28 21 31 00-0148	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A)	552.74	30.29
28 21 31 00-0149	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A)	500.50	30.29
28 21 31 00-0150	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A)	457.24	30.29
28 21 31 00-0151	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A)	524.17	30.29
28 21 31 00-0152	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A)	579.67	30.29
28 21 31 00-0153	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A)	649.87	30.29
28 21 31 00-0154		Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0137)*		
28 21 31 00-0155	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A)	476.83	30.29
28 21 31 00-0156	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A)	551.11	30.29
28 21 31 00-0157		High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0091)*		
28 21 31 00-0158		Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0157)*		
28 21 31 00-0159		Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0158)*		
28 21 31 00-0160	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8)	560.90	30.29
28 21 31 00-0161		DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0158)*		
28 21 31 00-0162	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A)	631.09	30.29
28 21 31 00-0163	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A)	596.81	30.29
28 21 31 00-0164		Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0157)*		
28 21 31 00-0165		Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0164)*		
28 21 31 00-0166	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21)	584.57	30.29
28 21 31 00-0167	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3)	569.88	30.29
28 21 31 00-0168	EA	5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50)	659.66	30.29
28 21 31 00-0169		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0164)*		
28 21 31 00-0170	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A)	670.27	30.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0171	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A)	618.85	30.29
28 21 31 00-0172	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A)	575.59	30.29
28 21 31 00-0173	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A)	641.70	30.29
28 21 31 00-0174	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A)	697.21	30.29
28 21 31 00-0175	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A)	768.22	30.29
28 21 31 00-0176		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0164)*		
28 21 31 00-0177	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A)	594.36	30.29
28 21 31 00-0178	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A)	668.64	30.29
28 21 31 00-0179		Camera Systems *(28 21 31 00-0040)*		
28 21 31 00-0180		Camera Dome Systems *(28 21 31 00-0179)*		
28 21 31 00-0181		Spectra®, Pan/Tilt Camera Dome Systems *(28 21 31 00-0180)*		
28 21 31 00-0182		Spectra®, Pan/Tilt Camera Dome Systems *(28 21 31 00-0181)*		
		Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0183		Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0182)*		
28 21 31 00-0184		Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0183)*		
28 21 31 00-0185	EA	22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB)	2,508.43	181.73
28 21 31 00-0186	EA	22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F)	2,843.08	181.73
28 21 31 00-0187	EA	22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB)	2,993.26	181.73
28 21 31 00-0188	EA	22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E)	4,116.35	181.73
28 21 31 00-0189		Color, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0183)*		
28 21 31 00-0190	EA	16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB)	2,128.90	181.73
28 21 31 00-0191	EA	16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F)	2,297.85	181.73
28 21 31 00-0192	EA	16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB)	2,448.85	181.73
28 21 31 00-0193	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E)	2,535.37	181.73
28 21 31 00-0194	EA	16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E)	2,535.37	181.73
28 21 31 00-0195	EA	22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB)	2,652.08	181.73
28 21 31 00-0196	EA	22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F)	2,987.54	181.73
28 21 31 00-0197	EA	22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB)	3,138.54	181.73
28 21 31 00-0198	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E)	3,225.06	181.73
28 21 31 00-0199	EA	22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E)	3,225.06	181.73
28 21 31 00-0200		Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0183)*		
28 21 31 00-0201	EA	23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB)	3,070.80	181.73
28 21 31 00-0202	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F)	3,406.25	181.73
28 21 31 00-0203	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB)	3,557.25	181.73
28 21 31 00-0204	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E)	3,643.77	181.73
28 21 31 00-0205	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E)	3,643.77	181.73
28 21 31 00-0206		Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0183)*		
28 21 31 00-0207	EA	18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB)	2,796.55	181.73
28 21 31 00-0208	EA	18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F)	2,966.32	181.73
28 21 31 00-0209	EA	18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB)	3,116.50	181.73
28 21 31 00-0210	EA	18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E)	3,203.02	181.73
28 21 31 00-0211	EA	18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E)	3,203.02	181.73
28 21 31 00-0212	EA	35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB)	3,345.85	181.73
28 21 31 00-0213	EA	35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F)	3,612.75	181.73
28 21 31 00-0214	EA	35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB)	3,762.93	181.73
28 21 31 00-0215	EA	35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E)	3,849.45	181.73
28 21 31 00-0216	EA	35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E)	3,849.45	181.73
28 21 31 00-0217		Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0182)*		
28 21 31 00-0218		Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0217)*		
28 21 31 00-0219	EA	16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF)	2,738.60	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0220	EA	16X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP)	2,883.89	181.73
		For Protective Lower Dome Cage, Add	*34.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0221	EA	16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE)	2,999.79	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0222	EA	22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF)	3,377.69	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0223	EA	22X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP)	3,522.97	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0224	EA	22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE)	3,639.69	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0225		Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0217)*		
28 21 31 00-0226	EA	18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF)	3,406.25	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0227	EA	18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP)	3,551.54	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0228	EA	18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE)	3,668.25	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0229	EA	35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF)	4,002.90	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0230	EA	35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP)	4,147.36	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0231	EA	35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE)	4,264.08	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0232		Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0182)*		
28 21 31 00-0233		Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0232)*		
28 21 31 00-0234	EA	18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE)	4,477.92	181.73
28 21 31 00-0235	EA	35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE)	5,074.57	181.73
28 21 31 00-0236		Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0182)*		
28 21 31 00-0237		Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0236)*		
28 21 31 00-0238	EA	22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE)	3,904.95	181.73
28 21 31 00-0239		Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0236)*		
28 21 31 00-0240	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE)	3,410.33	181.73
28 21 31 00-0241	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE)	4,050.24	181.73
28 21 31 00-0242		Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0236)*		
28 21 31 00-0243	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE)	4,468.95	181.73
28 21 31 00-0244		Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0236)*		
28 21 31 00-0245	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE)	4,078.80	181.73
28 21 31 00-0246	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE)	4,674.63	181.73
28 21 31 00-0247		Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0182)*		
28 21 31 00-0248		Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0247)*		
28 21 31 00-0249	EA	10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B)	1,617.96	181.73
28 21 31 00-0250		Spectra® IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0181)* Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0251		Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0250)*		
28 21 31 00-0252		Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0251)*		
28 21 31 00-0253	EA	16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F)	2,907.56	181.73
28 21 31 00-0254	EA	16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB)	3,058.55	181.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0255	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E)	3,145.07	181.73
28 21 31 00-0256	EA	16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E)	3,145.07	181.73
28 21 31 00-0257	EA	22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1)	3,597.24	181.73
28 21 31 00-0258	EA	22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1)	3,748.24	181.73
28 21 31 00-0259	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1)	3,834.76	181.73
28 21 31 00-0260	EA	22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1)	3,834.76	181.73
28 21 31 00-0261		Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0251)*		
28 21 31 00-0262	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1)	4,015.96	181.73
28 21 31 00-0263	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1)	4,166.95	181.73
28 21 31 00-0264	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1)	4,253.47	181.73
28 21 31 00-0265	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1)	4,253.47	181.73
28 21 31 00-0266		Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0250)*		
28 21 31 00-0267		Color, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0266)*		
28 21 31 00-0268	EA	16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HF1)	3,348.30	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0269	EA	16X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HP1)	3,493.59	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0270	EA	16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HPE1)	3,609.49	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0271	EA	22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1)	3,987.39	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0272	EA	22X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1)	4,132.67	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0273	EA	22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1)	4,249.39	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0274		Day/Night, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0266)*		
28 21 31 00-0275	EA	18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1)	4,015.96	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0276	EA	18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1)	4,161.24	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0277	EA	18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1)	4,277.96	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0278	EA	35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1)	4,612.60	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0279	EA	35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1)	4,757.06	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0280	EA	35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1)	4,873.78	181.73
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0281		Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0250)*		
28 21 31 00-0282		Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 31 00-0281)*		
28 21 31 00-0283	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-PSGE1)	4,020.04	181.73
28 21 31 00-0284	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-PSGE1)	4,659.94	181.73
28 21 31 00-0285		Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 31 00-0281)*		
28 21 31 00-0286	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	5,078.65	181.73

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0287		Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 31 00-0281)*		
28 21 31 00-0288	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1)	4,688.50	181.73
28 21 31 00-0289	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	5,284.33	181.73
28 21 31 00-0290		Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0250)*		
28 21 31 00-0291		Color, Miniature Spectra® IP Network, Mini Camera Dome Systems *(28 21 31 00-0290)*		
28 21 31 00-0292	EA	10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1)	2,011.37	181.73
28 21 31 00-0293		Spectra®, Pan/Tilt Dome Drives *(28 21 31 00-0181)* Note: Includes dome drive, camera and lens.		
28 21 31 00-0294	EA	10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4)	1,496.15	151.44
28 21 31 00-0295	EA	10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N)	1,887.93	151.44
28 21 31 00-0296	EA	22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22)	2,371.94	151.44
28 21 31 00-0297	EA	16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16)	1,877.32	151.44
28 21 31 00-0298	EA	22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22)	2,516.40	151.44
28 21 31 00-0299	EA	18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18)	2,544.97	151.44
28 21 31 00-0300	EA	23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23)	2,935.11	151.44
28 21 31 00-0301	EA	35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35)	3,141.61	151.44
28 21 31 00-0302	EA	35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35)	3,141.61	151.44
28 21 31 00-0303		Accessories For Spectra® Pan/Tilt Camera Dome Systems *(28 21 31 00-0181)*		
28 21 31 00-0304	EA	Upgrade To Chrome Lower Dome (Pelco Spectra)	115.08	
28 21 31 00-0305	EA	Upgrade To Gold Lower Dome (Pelco Spectra)	150.18	
28 21 31 00-0306	EA	Wall Mount For Spectra® Systems (Pelco IWM-BK)	131.50	15.15
28 21 31 00-0307	EA	24 Volt Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK)	321.67	15.15
28 21 31 00-0308	EA	Wall Arm Mount For Spectra® Systems (Pelco IDM4018)	128.23	15.15
28 21 31 00-0309	EA	Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS)	303.19	15.15
28 21 31 00-0310	EA	Pole Mount Adapter For Spectra® Systems (Pelco PA402)	71.61	9.01
28 21 31 00-0311		Camclosure®, Camera Dome Systems *(28 21 31 00-0180)*		
28 21 31 00-0312		Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0311)*		
28 21 31 00-0313		Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0312)*		
28 21 31 00-0314		High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0313)*		
28 21 31 00-0315	EA	12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12)	653.21	181.73
28 21 31 00-0316	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22)	702.18	181.73
28 21 31 00-0317	EA	12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12)	771.56	181.73
28 21 31 00-0318	EA	12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12)	771.56	181.73
28 21 31 00-0319		Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0313)*		
28 21 31 00-0320	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22)	780.54	181.73
28 21 31 00-0321	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22)	844.20	181.73
28 21 31 00-0322	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22)	844.20	181.73
28 21 31 00-0323		Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0313)*		
28 21 31 00-0324	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22)	883.38	181.73
28 21 31 00-0325	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22)	1,040.91	181.73
28 21 31 00-0326	EA	9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22)	1,040.91	181.73
28 21 31 00-0327		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0313)*		
28 21 31 00-0328	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22)	958.47	181.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0329	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22)	1,059.68	181.73
28 21 31 00-0330		Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0312)*		
28 21 31 00-0331		High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0330)*		
28 21 31 00-0332	EA	3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6)	686.31	121.16
28 21 31 00-0333		Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0330)*		
28 21 31 00-0334	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22)	778.54	121.16
28 21 31 00-0335		Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0330)*		
28 21 31 00-0336	EA	9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22)	852.00	121.16
28 21 31 00-0337		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0330)*		
28 21 31 00-0338	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22)	888.73	121.16
28 21 31 00-0339		Camclosure® IS Integrated Cameras *(28 21 31 00-0312)*		
28 21 31 00-0340	EA	12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12)	498.59	121.16
28 21 31 00-0341	EA	9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22)	498.59	121.16
28 21 31 00-0342	EA	9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22)	571.23	121.16
28 21 31 00-0343	EA	9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22)	767.93	121.16
28 21 31 00-0344	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22)	786.71	121.16
28 21 31 00-0345		Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0311)*		
28 21 31 00-0346		Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0345)*		
28 21 31 00-0347		Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0346)*		
28 21 31 00-0348	EA	12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12)	572.41	181.73
28 21 31 00-0349	EA	12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T)	607.50	181.73
28 21 31 00-0350	EA	12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12)	747.89	181.73
28 21 31 00-0351	EA	12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12)	747.89	181.73
28 21 31 00-0352		High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0346)*		
28 21 31 00-0353	EA	3–9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A)	905.42	181.73
28 21 31 00-0354		Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 31 00-0345)*		
28 21 31 00-0355		Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 31 00-0354)*		
28 21 31 00-0356	EA	12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12)	626.73	121.16
28 21 31 00-0357		Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0345)*		
28 21 31 00-0358		High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0357)*		
28 21 31 00-0359	EA	9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22)	844.20	181.73
28 21 31 00-0360		Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0357)*		
28 21 31 00-0361	EA	9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22)	917.66	181.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0362		Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0357)*		
28 21 31 00-0363	EA	9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22)	1,009.89	181.73
28 21 31 00-0364		Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0357)*		
28 21 31 00-0365	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22)	1,046.62	181.73
28 21 31 00-0366		Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0311)*		
28 21 31 00-0367		Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0366)*		
28 21 31 00-0368		High Resolution Color, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0367)*		
28 21 31 00-0369	EA	3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9)	1,451.45	181.73
28 21 31 00-0370	EA	9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22)	1,451.45	181.73
28 21 31 00-0371		Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0367)*		
28 21 31 00-0372	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9)	1,552.66	181.73
28 21 31 00-0373	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22)	1,552.66	181.73
28 21 31 00-0374		Day/Night, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0367)*		
28 21 31 00-0375	EA	3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9)	1,708.56	181.73
28 21 31 00-0376	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22)	1,708.56	181.73
28 21 31 00-0377		Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0367)*		
28 21 31 00-0378	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9)	1,818.74	181.73
28 21 31 00-0379	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22)	1,818.74	181.73
28 21 31 00-0380		Accessories For Camclosure® Camera Dome Systems *(28 21 31 00-0311)*		
28 21 31 00-0381	EA	4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP)	32.86	9.08
28 21 31 00-0382	EA	4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP)	32.86	9.08
28 21 31 00-0383	EA	Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS)	44.98	15.15
28 21 31 00-0384	EA	Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND)	67.84	15.15
28 21 31 00-0385	EA	2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P)	67.14	9.08
28 21 31 00-0386	EA	Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG)	67.84	15.15
28 21 31 00-0387	EA	Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM)	84.16	15.15
28 21 31 00-0388	EA	Smoked, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO110A)	220.55	30.29
28 21 31 00-0389	EA	Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A)	220.55	30.29
28 21 31 00-0390	EA	Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A)	220.55	30.29
28 21 31 00-0391	EA	Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A)	220.55	30.29
28 21 31 00-0392	EA	Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P)	80.08	15.15
28 21 31 00-0393	EA	Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD)	97.30	30.29
28 21 31 00-0394	EA	Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD)	97.30	30.29
28 21 31 00-0395	EA	Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD)	97.30	30.29
28 21 31 00-0396	EA	Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD)	97.30	30.29
28 21 31 00-0397	EA	Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD)	97.30	30.29
28 21 31 00-0398	EA	Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD)	97.30	30.29
28 21 31 00-0399	EA	Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC)	280.55	41.37
28 21 31 00-0400	EA	Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P)	58.86	15.15
28 21 31 00-0401	EA	Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW)	95.59	15.15
28 21 31 00-0402	EA	White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P)	58.86	15.15
28 21 31 00-0403	EA	White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW)	95.59	15.15
28 21 31 00-0404	EA	Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC)	1,359.22	181.73
28 21 31 00-0405		Pan/Tilt Camera Systems *(28 21 31 00-0179)*		
28 21 31 00-0406		Esprit® CBZ, Pan/Tilt Camera Systems *(28 21 31 00-0405)*		

Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0407		EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems *(28 21 31 00-0406)*		
28 21 31 00-0408		Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems *(28 21 31 00-0407)*		
28 21 31 00-0409	EA	10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N)	3,738.97	272.59
28 21 31 00-0410	EA	20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N)	4,229.51	272.59
28 21 31 00-0411	EA	30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N)	4,909.40	272.59
28 21 31 00-0412	EA	10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN)	3,844.26	272.59
28 21 31 00-0413	EA	20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN)	4,356.83	272.59
28 21 31 00-0414	EA	30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN)	5,036.73	272.59
28 21 31 00-0415		Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems *(28 21 31 00-0407)*		
28 21 31 00-0416	EA	10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W)	3,772.43	272.59
28 21 31 00-0417	EA	20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W)	4,262.97	272.59
28 21 31 00-0418	EA	30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W)	4,942.87	272.59
28 21 31 00-0419	EA	10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW)	3,878.54	272.59
28 21 31 00-0420	EA	20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW)	4,390.30	272.59
28 21 31 00-0421	EA	30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW)	5,070.19	272.59
28 21 31 00-0422		Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0405)*		
28 21 31 00-0423		DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0422)*		
28 21 31 00-0424		Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0423)*		
28 21 31 00-0425	EA	10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N)	3,866.30	272.59
28 21 31 00-0426	EA	20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N)	4,356.83	272.59
28 21 31 00-0427	EA	30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N)	5,036.73	272.59
28 21 31 00-0428	EA	10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN)	3,971.59	272.59
28 21 31 00-0429	EA	20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN)	4,484.16	272.59
28 21 31 00-0430	EA	30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN)	5,164.06	272.59
28 21 31 00-0431		Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0423)*		
28 21 31 00-0432	EA	10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W)	3,899.76	272.59
28 21 31 00-0433	EA	20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W)	4,390.30	272.59
28 21 31 00-0434	EA	30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W)	5,070.19	272.59
28 21 31 00-0435	EA	10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW)	4,005.87	272.59
28 21 31 00-0436	EA	20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW)	4,517.63	272.59
28 21 31 00-0437	EA	30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW)	5,197.52	272.59
28 21 31 00-0438		Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0405)*		
28 21 31 00-0439		High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0438)*		
28 21 31 00-0440		Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0439)*		
28 21 31 00-0441	EA	6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N)	3,653.27	272.59
28 21 31 00-0442	EA	5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N)	4,143.81	272.59
28 21 31 00-0443	EA	5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N)	4,823.70	272.59
28 21 31 00-0444	EA	6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN)	3,759.38	272.59
28 21 31 00-0445	EA	5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN)	4,271.13	272.59
28 21 31 00-0446	EA	5.5 x 30, Preset Positioning, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN)	4,951.03	272.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0447		Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0439)*		
28 21 31 00-0448	EA	6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	3,687.55	272.59
28 21 31 00-0449	EA	5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W)	4,177.27	272.59
28 21 31 00-0450	EA	5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W)	4,857.98	272.59
28 21 31 00-0451	EA	6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW)	3,711.22	272.59
28 21 31 00-0452	EA	6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	3,792.84	272.59
28 21 31 00-0453	EA	5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW)	4,304.60	272.59
28 21 31 00-0454	EA	5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW)	4,985.31	272.59
28 21 31 00-0455		Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0405)*		
28 21 31 00-0456		Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0455)*		
28 21 31 00-0457		Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0456)*		
28 21 31 00-0458	EA	5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N)	4,347.04	272.59
28 21 31 00-0459	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N)	5,026.93	272.59
28 21 31 00-0460	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN)	3,962.61	272.59
28 21 31 00-0461	EA	5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN)	4,474.37	272.59
28 21 31 00-0462	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN)	5,154.26	272.59
28 21 31 00-0463		Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0456)*		
28 21 31 00-0464	EA	6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W)	3,890.78	272.59
28 21 31 00-0465	EA	5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W)	4,380.50	272.59
28 21 31 00-0466	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W)	5,061.21	272.59
28 21 31 00-0467	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW)	3,996.07	272.59
28 21 31 00-0468	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW)	4,507.83	272.59
28 21 31 00-0469	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW)	5,188.54	272.59
28 21 31 00-0470		Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0405)*		
28 21 31 00-0471		Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0470)*		
28 21 31 00-0472		Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0471)*		
28 21 31 00-0473	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N)	5,135.49	272.59
28 21 31 00-0474	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN)	4,070.35	272.59
28 21 31 00-0475	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN)	5,262.82	272.59
28 21 31 00-0476		Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0471)*		
28 21 31 00-0477	EA	6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W)	3,998.52	272.59
28 21 31 00-0478	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W)	5,169.77	272.59
28 21 31 00-0479	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW)	4,104.63	272.59
28 21 31 00-0480	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW)	4,616.39	272.59
28 21 31 00-0481	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW)	5,297.10	272.59
28 21 31 00-0482		Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0405)*		
28 21 31 00-0483		Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0482)*		
28 21 31 00-0484		Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0483)*		
28 21 31 00-0485	EA	16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N)	4,340.51	272.59
28 21 31 00-0486		Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0483)*		
28 21 31 00-0487	EA	16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W)	4,373.97	272.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0488		High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0482)*		
28 21 31 00-0489		Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0488)*		
28 21 31 00-0490	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2N)	5,135.49	272.59
28 21 31 00-0491	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2N)	4,968.98	272.59
28 21 31 00-0492	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2N)	5,634.19	272.59
28 21 31 00-0493		Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0488)*		
28 21 31 00-0494	EA	22X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2W)	5,168.14	272.59
28 21 31 00-0495	EA	24X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2W)	4,968.98	272.59
28 21 31 00-0496	EA	35X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2W)	5,670.92	272.59
28 21 31 00-0497		Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0405)*		
28 21 31 00-0498		High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0497)*		
28 21 31 00-0499		Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0498)*		
28 21 31 00-0500	EA	16X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2N)	3,361.89	272.59
28 21 31 00-0501	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2N)	4,157.68	272.59
28 21 31 00-0502	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2N)	3,993.62	272.59
28 21 31 00-0503	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2N)	4,511.91	272.59
28 21 31 00-0504		Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0498)*		
28 21 31 00-0505	EA	16X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2W)	3,394.53	272.59
28 21 31 00-0506	EA	22X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2W)	4,191.15	272.59
28 21 31 00-0507	EA	24X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2W)	4,027.09	272.59
28 21 31 00-0508	EA	35X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2W)	4,548.64	272.59
28 21 31 00-0509		Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0405)*		
28 21 31 00-0510		Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0509)*		
28 21 31 00-0511		Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0510)*		
28 21 31 00-0512	EA	14.25 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2N)	21,037.51	272.59
28 21 31 00-0513	EA	35 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2N)	22,615.23	272.59
28 21 31 00-0514	EA	50 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2N)	23,144.94	272.59
28 21 31 00-0515		Wall Mount, Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0510)*		
28 21 31 00-0516	EA	14.25 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2W)	21,071.79	272.59
28 21 31 00-0517	EA	35 mm, 30 Hertz, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2W)	22,648.69	272.59
28 21 31 00-0518	EA	50 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2W)	23,178.41	272.59
28 21 31 00-0519		Accessories For Esprit® Pan/Tilt Camera Systems *(28 21 31 00-0405)*		
28 21 31 00-0520	EA	Wiper Blade Replacement For Esprit® Systems (Pelco ES-REPLBLADE)	10.38	3.03
28 21 31 00-0521	EA	Marine Mounting Kit For Esprit® Systems (Pelco ES-MKIT)	58.86	15.15
28 21 31 00-0522	EA	Indoor/Outdoor Wall Mount For Esprit® Systems (Pelco EWM)	88.24	15.15
28 21 31 00-0523	EA	Wall Mount For High Security Enclosures (Pelco HSWM12)	110.28	15.15
28 21 31 00-0524	EA	Ground Isolation Transformer (Pelco GIT100)	337.69	41.37
28 21 31 00-0525	EA	High Security, Indoor Wedge Style Enclosure (Pelco HS2100)	579.82	41.37
28 21 31 00-0526	EA	High Security, Indoor 10" Length Enclosure (Pelco HS3000)	397.27	41.37
28 21 31 00-0527	EA	High Security, Indoor Medium Corner Mount Enclosure (Pelco HS1500)	674.67	41.37
28 21 31 00-0528	EA	High Security, Ceiling Mount, Lexan Window, Aluminum Enclosure (Pelco HS8080)	315.65	41.37
28 21 31 00-0529	EA	High Security, Ceiling Mount, Lexan Window, Steel Enclosure (Pelco HS8134)	970.87	41.37
28 21 31 00-0530	EA	Bullet-Resistant, Outdoor Enclosure (Pelco HS4514)	1,165.31	41.37
28 21 31 00-0531	EA	Bullet-Resistant, Outdoor Enclosure With Mount (Pelco HS4514/MT)	1,378.34	41.37
28 21 31 00-0532	EA	24X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW24)	1,426.50	41.37
28 21 31 00-0533	EA	35X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW35)	1,502.41	41.37
28 21 31 00-0534	EA	24 Volt AC, Esprit® Pan Tilt Enclosure Receiver (Pelco ES3012-2)	2,495.13	41.37
28 21 31 00-0535	EA	24 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2N)	2,524.84	41.37
28 21 31 00-0536	EA	24 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2W)	2,553.37	41.37
28 21 31 00-0537	EA	30X, 24 Volt AC, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30)	4,632.53	41.37
28 21 31 00-0538	EA	30X, 24 Volt AC, Preset Positioning, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30P)	4,759.86	41.37
28 21 31 00-0539	EA	Esprit® Camera Pole Mount Adapter (Pelco EPM)	113.02	9.75
28 21 31 00-0540	EA	Pole Mount Adapter For Esprit® Systems (Pelco EPM)	113.02	9.75
28 21 31 00-0541		Camera Lenses *(28 21 31 00-0040)*		
28 21 31 00-0542		Fixed Focus Camera Lenses *(28 21 31 00-0541)* Note: 1/3" format and manual focus.		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0543			**Manual Iris, Fixed Focus Camera Lenses** *(28 21 31 00-0542)*		
	28 21 31 00-0544	EA	2.3 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.3)	145.01	14.21
	28 21 31 00-0545	EA	2.8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.8)	122.16	14.21
	28 21 31 00-0546	EA	4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4)	110.73	14.21
	28 21 31 00-0547	EA	8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8)	108.28	14.21
28 21 31 00-0548			**Direct Drive Auto Iris, Fixed Focus Camera Lenses** *(28 21 31 00-0542)* Note: Includes spot filter. Excludes amplifier.		
	28 21 31 00-0549	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3)	178.47	14.21
	28 21 31 00-0550	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8)	145.01	14.21
	28 21 31 00-0551	EA	4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4)	136.85	14.21
	28 21 31 00-0552	EA	8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8)	100.93	14.21
28 21 31 00-0553			**Video Drive Auto Iris, Fixed Focus Camera Lenses** *(28 21 31 00-0542)* Note: Includes LDC100 adapter to convert DC auto iris to video drive.		
	28 21 31 00-0554	EA	2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S)	208.67	14.21
	28 21 31 00-0555	EA	2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S)	174.39	14.21
	28 21 31 00-0556	EA	4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S)	166.23	14.21
	28 21 31 00-0557	EA	8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S)	159.70	14.21
28 21 31 00-0558			**Varifocal Camera Lenses** *(28 21 31 00-0541)* Note: 1/3" format and manual focus and zoom.		
28 21 31 00-0559			**Manual Iris, Varifocal Camera Lenses** *(28 21 31 00-0558)*		
	28 21 31 00-0560	EA	1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3)	243.23	14.21
	28 21 31 00-0561	EA	2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6)	167.86	14.21
	28 21 31 00-0562	EA	2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12)	132.77	14.21
	28 21 31 00-0563	EA	3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8)	118.08	14.21
	28 21 31 00-0564	EA	5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5)	290.29	14.21
	28 21 31 00-0565	EA	5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40)	188.32	14.21
	28 21 31 00-0566	EA	5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50)	200.80	14.21
28 21 31 00-0567			**Direct Drive Auto Iris, Varifocal Camera Lenses** *(28 21 31 00-0558)* Note: Includes spot filter.		
	28 21 31 00-0568	EA	1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3)	239.07	14.21
	28 21 31 00-0569	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6)	210.78	14.21
	28 21 31 00-0570	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12)	160.86	14.21
	28 21 31 00-0571	EA	3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8)	119.26	14.21
	28 21 31 00-0572	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5)	315.60	14.21
	28 21 31 00-0573	EA	5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50)	236.58	14.21
28 21 31 00-0574			**Video Drive Auto Iris, Varifocal Camera Lenses** *(28 21 31 00-0558)* Note: Includes spot filter.		
	28 21 31 00-0575	EA	1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S)	278.05	14.21
	28 21 31 00-0576	EA	2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S)	247.85	14.21
	28 21 31 00-0577	EA	3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S)	153.17	14.21
	28 21 31 00-0578	EA	5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S)	274.79	14.21
28 21 31 00-0579			**Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses** *(28 21 31 00-0558)*		
	28 21 31 00-0580	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5)	138.40	14.21
	28 21 31 00-0581	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50)	209.12	14.21
28 21 31 00-0582			**Motorized Zoom Camera Lenses** *(28 21 31 00-0541)* Note: 1/3" format.		
28 21 31 00-0583			**Manual Iris, Motorized Zoom Camera Lenses** *(28 21 31 00-0582)*		
	28 21 31 00-0584	EA	8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8)	495.98	14.21
	28 21 31 00-0585	EA	10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10)	616.77	14.21
	28 21 31 00-0586	EA	15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15)	656.77	14.21
28 21 31 00-0587			**Direct Drive Auto Iris, Motorized Zoom Camera Lenses** *(28 21 31 00-0582)* Note: Includes spot filter.		
	28 21 31 00-0588	EA	6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8)	559.40	14.21
	28 21 31 00-0589	EA	10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10)	646.76	14.21
	28 21 31 00-0590	EA	15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15)	724.51	14.21
	28 21 31 00-0591	EA	20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20)	1,111.03	14.21
	28 21 31 00-0592	EA	30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30)	2,206.80	14.21
28 21 31 00-0593			**Video Drive Auto Iris, Motorized Zoom Camera Lenses** *(28 21 31 00-0582)* Note: Includes spot filter.		
	28 21 31 00-0594	EA	8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S)	508.22	14.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0595	EA	10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S)	602.90	14.21
28 21 31 00-0596	EA	15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S)	754.71	14.21
28 21 31 00-0597	EA	20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S)	1,093.43	14.21
28 21 31 00-0598	EA	30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S)	1,773.33	14.21
28 21 31 00-0599		**Camera Power Supplies** *(28 21 31 00-0040)*		
28 21 31 00-0600	EA	20 VA, 24 Volt AC, Camera Power Transformer (Pelco TF2000)	38.92	12.12
28 21 31 00-0601	EA	50 VA, 24 Volt AC, Camera Power Transformer (Pelco TF9000)	63.41	12.12
28 21 31 00-0602	EA	2 Amperes, 4 Outputs, Camera Power Supply (Pelco MCS4-2)	318.87	24.23
28 21 31 00-0603	EA	5 Amperes, 8 Outputs, Camera Power Supply (Pelco MCS8-5)	368.06	36.35
28 21 31 00-0604	EA	10 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-10)	414.75	48.46
		For Switchable Outputs, Add	*190.70*	
28 21 31 00-0605	EA	20 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-20)	463.95	60.57
		For Switchable Outputs, Add	*205.67*	
28 21 31 00-0606		**Camera Illuminators** *(28 21 31 00-0040)*		
28 21 31 00-0607		**Camera Illuminators** *(28 21 31 00-0606)*		
		Note: Includes lamp and mounting bracket.		
28 21 31 00-0608	EA	Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF)	1,298.88	24.23
28 21 31 00-0609	EA	Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS)	1,298.88	24.23
28 21 31 00-0610	EA	Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF)	1,298.88	24.23
28 21 31 00-0611		**Camera Illuminator Accessories** *(28 21 31 00-0606)*		
28 21 31 00-0612	EA	Removal And Replacement Of Lamp For Low Light Level Camera Illuminator (Pelco PAR56)	117.84	24.23
28 21 31 00-0613		**Camera Receivers** *(28 21 31 00-0040)*		
28 21 31 00-0614	EA	24 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP)	1,286.11	41.37
28 21 31 00-0615	EA	120 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP)	1,286.11	41.37
28 21 31 00-0616		**Pan And Tilt Drives** *(28 21 31 00-0040)*		
28 21 31 00-0617	EA	15 LB Load, 24 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT270-24P)	926.92	90.86
28 21 31 00-0618	EA	40 LB Load, 24/120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT570-24P)	1,165.25	90.86
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0619	EA	100 LB Load, 120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT1250P)	2,415.67	90.86
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0620	EA	100 LB Load, 120 Volt DC, Outdoor Pan And Tilt Drive (Pelco PT1250DC)	2,754.39	90.86
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0621	EA	100 LB Load, 120 Volt DC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL)	3,180.45	90.86
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0622	EA	100 LB Load, 120 Volt DC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX)	4,086.43	90.86
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0623		**Scanners** *(28 21 31 00-0040)*		
28 21 31 00-0624	EA	35 LB Load, 24 Volt AC, Indoor/Outdoor Scanner (Pelco PS20-24)	1,051.80	90.86
		For Wall Mount, Add	*39.05*	
		For Pressure Sensor Alarm, Add	*51.15*	
28 21 31 00-0625	EA	35 LB Load, 120 Volt AC, Indoor/Outdoor Scanner (Pelco PS20)	1,103.22	90.86
		For Wall Mount, Add	*39.05*	
		For Pressure Sensor Alarm, Add	*51.15*	
28 21 31 00-0626		**Camera Monitors** *(28 21 31 00-0039)*		
28 21 31 00-0627		**Camera Monitors** *(28 21 31 00-0626)*		
28 21 31 00-0628		**Monochrome Camera Monitors** *(28 21 31 00-0627)*		
28 21 31 00-0629	EA	9" Monochrome Camera Monitor (Pelco PMM9A)	205.30	18.17
28 21 31 00-0630	EA	12" Monochrome Camera Monitor (Pelco PMM12A)	233.87	18.17
28 21 31 00-0631	EA	15" Monochrome Camera Monitor (Pelco PMM15A)	354.67	18.17
28 21 31 00-0632	EA	20" Monochrome Camera Monitor (Pelco PMM20A)	566.06	18.17
28 21 31 00-0633		**Color Camera Monitors** *(28 21 31 00-0627)*		
28 21 31 00-0634	EA	9", High Resolution Color, Camera Monitor (Pelco PMC9A)	637.89	18.17
28 21 31 00-0635	EA	15", High Resolution Color, Camera Monitor (Pelco PMCS15A)	518.72	18.17
28 21 31 00-0636	EA	17", High Resolution Color, Camera Monitor (Pelco PMCS17A)	750.53	18.17
28 21 31 00-0637	EA	19", High Resolution Color, Camera Monitor (Pelco PMCS19A)	995.39	18.17
28 21 31 00-0638		**LCD Camera Monitors** *(28 21 31 00-0626)*		
28 21 31 00-0639		**VGA Signal, Color LCD Camera Monitors (Pelco 200 Series)** *(28 21 31 00-0638)*		
		Note: Displays VGA computer signals.		
28 21 31 00-0640	EA	17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217)	720.33	18.17
28 21 31 00-0641	EA	19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219)	935.80	18.17

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0642		Multimode, Color LCD Camera Monitors (Pelco 300 Series) *(28 21 31 00-0638)*		
		Note: Displays VGA computer signals and/or composite video signals.		
28 21 31 00-0643	EA	15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315)	818.27	18.17
28 21 31 00-0644	EA	17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317)	978.24	18.17
28 21 31 00-0645	EA	19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319)	1,201.88	18.17
28 21 31 00-0646		Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series) *(28 21 31 00-0638)*		
		Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option.		
28 21 31 00-0647	EA	15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415)	1,048.44	18.17
28 21 31 00-0648	EA	17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417)	1,214.94	18.17
28 21 31 00-0649	EA	19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419)	1,522.65	18.17
28 21 31 00-0650		Camera Monitor Mounting Accessories *(28 21 31 00-0626)*		
28 21 31 00-0651		Camera Monitor Mounts *(28 21 31 00-0650)*		
28 21 31 00-0652	EA	Up To 14", Camera Monitor Mount (Pelco)	252.51	24.23
28 21 31 00-0653	EA	>14" To 17", Camera Monitor Mount (Pelco)	292.50	24.23
28 21 31 00-0654	EA	>17" To 21", Camera Monitor Mount (Pelco)	341.48	24.23
28 21 31 00-0655		Camera Monitor Rack Mount Kits *(28 21 31 00-0650)*		
28 21 31 00-0656	EA	Camera Monitor Rack Mount Kit (Pelco PMCL-RM)	157.01	24.23
28 21 31 00-0657		Video Transmission Equipment *(28 21 31 00-0039)*		
28 21 31 00-0658		UTP Cable, Video Transmission Equipment *(28 21 31 00-0657)*		
28 21 31 00-0659		UTP Cable, Active Video Receivers *(28 21 31 00-0658)*		
28 21 31 00-0660	EA	Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR)	317.67	30.29
28 21 31 00-0661	EA	Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR)	1,062.86	30.29
28 21 31 00-0662	EA	Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US)	2,079.03	30.29
28 21 31 00-0663	EA	Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US)	3,406.99	30.29
28 21 31 00-0664	EA	Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US)	3,975.88	30.29
28 21 31 00-0665		UTP Cable, Passive Video Transceivers *(28 21 31 00-0658)*		
28 21 31 00-0666	EA	Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P)	102.20	30.29
28 21 31 00-0667	EA	Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P)	317.67	30.29
28 21 31 00-0668	EA	Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P)	575.59	30.29
28 21 31 00-0669	EA	Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P)	1,083.27	30.29
28 21 31 00-0670	EA	Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P)	2,106.78	30.29
28 21 31 00-0671		UTP Cable, Active Video Transmitters *(28 21 31 00-0658)*		
28 21 31 00-0672	EA	Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT)	331.55	30.29
28 21 31 00-0673		Fiber Optics, Video Transmission Equipment *(28 21 31 00-0657)*		
28 21 31 00-0674		Data Only, Fiber Optics Transmission Equipment *(28 21 31 00-0673)*		
28 21 31 00-0675		Bidirectional Data, Fiber Optics Transmitters *(28 21 31 00-0674)*		
28 21 31 00-0676	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS)	1,874.36	60.57
28 21 31 00-0677	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM)	782.28	60.57
28 21 31 00-0678	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S)	1,377.29	60.57
28 21 31 00-0679	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M)	958.58	60.57
28 21 31 00-0680		Bidirectional Data, Fiber Optics Receivers *(28 21 31 00-0674)*		
28 21 31 00-0681	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS)	1,874.36	60.57
28 21 31 00-0682	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM)	782.28	60.57
28 21 31 00-0683	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S)	1,377.29	60.57
28 21 31 00-0684	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M)	958.58	60.57
28 21 31 00-0685		Video Only, Fiber Optics Transmission Equipment *(28 21 31 00-0673)*		
28 21 31 00-0686		Digitally Encoded Video, Fiber Optics Transmitters *(28 21 31 00-0685)*		
28 21 31 00-0687	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS)	847.58	60.57
28 21 31 00-0688	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM)	385.61	60.57
28 21 31 00-0689	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S)	2,299.60	60.57
28 21 31 00-0690	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M)	1,393.62	60.57
28 21 31 00-0691	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S)	3,749.17	60.57
28 21 31 00-0692	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M)	3,122.33	60.57
28 21 31 00-0693	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S)	9,266.68	60.57
28 21 31 00-0694	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M)	8,250.51	60.57

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0695		**Digitally Encoded Video, Fiber Optics Receivers** *(28 21 31 00-0685)*		
28 21 31 00-0696	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS)	847.58	60.57
28 21 31 00-0697	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM)	385.61	60.57
28 21 31 00-0698	EA	Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS)	1,427.08	60.57
28 21 31 00-0699	EA	Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM)	595.37	60.57
28 21 31 00-0700	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S)	2,299.60	60.57
28 21 31 00-0701	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M)	1,393.62	60.57
28 21 31 00-0702	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S)	3,749.17	60.57
28 21 31 00-0703	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M)	3,122.33	60.57
28 21 31 00-0704	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S)	9,266.68	60.57
28 21 31 00-0705	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M)	8,250.51	60.57
28 21 31 00-0706		**Video And Data, Fiber Optics Transmission Equipment** *(28 21 31 00-0673)*		
28 21 31 00-0707		**Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters** *(28 21 31 00-0706)*		
28 21 31 00-0708	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS)	1,440.96	60.57
28 21 31 00-0709	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM)	870.43	60.57
28 21 31 00-0710	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S)	3,317.40	60.57
28 21 31 00-0711	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M)	2,875.84	60.57
28 21 31 00-0712	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S)	5,352.19	60.57
28 21 31 00-0713	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M)	3,887.92	60.57
28 21 31 00-0714		**Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers** *(28 21 31 00-0706)*		
28 21 31 00-0715	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS)	1,440.96	60.57
28 21 31 00-0716	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM)	870.43	60.57
28 21 31 00-0717	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S)	3,317.40	60.57
28 21 31 00-0718	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M)	2,875.84	60.57
28 21 31 00-0719	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S)	5,352.19	60.57
28 21 31 00-0720	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M)	3,887.92	60.57
28 21 31 00-0721		**Video, Audio And Data, Fiber Optics Transmission Equipment** *(28 21 31 00-0673)*		
28 21 31 00-0722		**Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters** *(28 21 31 00-0721)*		
28 21 31 00-0723	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S)	1,848.24	60.57
28 21 31 00-0724	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M)	1,476.05	60.57
28 21 31 00-0725		**Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers** *(28 21 31 00-0721)*		
28 21 31 00-0726	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S)	1,848.24	60.57
28 21 31 00-0727	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M)	1,476.05	60.57
28 21 31 00-0728		**Video Amplifiers** *(28 21 31 00-0657)*		
28 21 31 00-0729		**Video Distribution Amplifiers** *(28 21 31 00-0728)*		
28 21 31 00-0730	EA	1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT)	231.89	15.15
28 21 31 00-0731	EA	16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA) Note: Inserts time-date and title on up to 16 video inputs.	1,834.91	15.15
28 21 31 00-0732		**Video Equalizing Amplifiers** *(28 21 31 00-0728)*		
28 21 31 00-0733	EA	Video Equalizing Amplifier (Pelco EA2010)	251.48	15.15
28 21 31 00-0734	EA	Half-Duplex, Video Equalizing Amplifier (Pelco EA2000)	391.05	15.15
28 21 31 00-0735		**Network Video Equipment** *(28 21 31 00-0039)*		
28 21 31 00-0736		**Video Encoders/Decoders** *(28 21 31 00-0735)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0737	EA	MPEG4 IP Video Receiver (Pelco NET300R)	934.10	30.29
28 21 31 00-0738	EA	MPEG4 IP Video Transmitter (Pelco NET300T)	934.10	30.29
28 21 31 00-0739	EA	MPEG4 IP Video Receiver With Audio (Pelco NET350R)	1,071.22	30.29
28 21 31 00-0740	EA	MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T)	1,071.22	30.29
28 21 31 00-0741		Network Video Recorders *(28 21 31 00-0735)*		
28 21 31 00-0742	EA	16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316)	5,774.16	60.57
28 21 31 00-0743	EA	32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332)	6,715.24	60.57
28 21 31 00-0744	EA	64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364)	8,599.03	60.57
28 21 31 00-0745	EA	64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300)	5,703.15	60.57
28 21 31 00-0746		Network Video Recorder Software *(28 21 31 00-0735)*		
28 21 31 00-0747	EA	10 User, License Pack (Pelco VMX300-LIC-10)	568.08	
28 21 31 00-0748	EA	20 User, License Pack (Pelco VMX300-LIC-20)	1,024.33	
28 21 31 00-0749	EA	50 User, License Pack (Pelco VMX300-LIC-50)	2,274.75	
28 21 31 00-0750	EA	100 User, License Pack (Pelco VMX300-LIC-100)	3,978.98	
28 21 31 00-0751	EA	10 User, Enterprise License Pack (Pelco VMX300-E-LIC10)	948.42	
28 21 31 00-0752	EA	20 User, Enterprise License Pack (Pelco VMX300-E-LIC20)	1,705.86	
28 21 31 00-0753	EA	50 User, Enterprise License Pack (Pelco VMX300-E-LIC50)	3,791.25	
28 21 31 00-0754	EA	100 User, Enterprise License Pack (Pelco VMX300-E-LIC100)	6,633.26	
28 21 31 00-0755	EA	200 User, Enterprise License Pack (Pelco VMX300-E-LIC200)	11,370.48	
28 21 31 00-0756	EA	500 User, Enterprise License Pack (Pelco VMX300-E-LIC500)	23,687.76	
28 21 31 00-0757	EA	0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0)	5,141.95	
28 21 31 00-0758	EA	1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1)	5,457.82	
28 21 31 00-0759	EA	4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4)	8,617.33	
28 21 31 00-0760	EA	0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-0)	5,710.84	
28 21 31 00-0761	EA	1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-1)	6,026.71	
28 21 31 00-0762	EA	4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-4)	9,184.59	
28 21 31 00-0763	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0)	5,521.49	
28 21 31 00-0764	EA	1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1)	5,838.17	
28 21 31 00-0765	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4)	8,996.87	
28 21 31 00-0766	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-0)	6,468.28	
28 21 31 00-0767	EA	1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-1)	6,784.15	
28 21 31 00-0768	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-4)	9,943.66	
28 21 31 00-0769		Video Recording Equipment *(28 21 31 00-0039)*		
28 21 31 00-0770		Digital Video Recorders *(28 21 31 00-0769)*		
28 21 31 00-0771	EA	8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A)	9,026.72	60.57
28 21 31 00-0772	EA	8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A)	12,368.24	60.57
28 21 31 00-0773	EA	8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A)	15,710.58	60.57
28 21 31 00-0774	EA	16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A)	10,862.35	60.57
28 21 31 00-0775	EA	16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A)	14,203.87	60.57
28 21 31 00-0776	EA	16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A)	17,546.21	60.57
28 21 31 00-0777	EA	24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A)	11,871.99	60.57
28 21 31 00-0778	EA	24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A)	15,213.51	60.57
28 21 31 00-0779	EA	24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A)	18,555.85	60.57
28 21 31 00-0780	EA	32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A)	13,707.63	60.57
28 21 31 00-0781	EA	32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A)	17,049.15	60.57
28 21 31 00-0782	EA	32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A)	20,391.49	60.57
28 21 31 00-0783	EA	16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500)	9,961.51	60.57
28 21 31 00-0784		Digital Video Recorder Accessories *(28 21 31 00-0769)*		
28 21 31 00-0785	EA	16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16)	904.71	30.29
28 21 31 00-0786		Matrix Systems And Controls *(28 21 31 00-0039)*		
28 21 31 00-0787		Video Multiplexers *(28 21 31 00-0786)*		
28 21 31 00-0788		Monochrome Duplex, Video Multiplexers *(28 21 31 00-0787)*		
28 21 31 00-0789	EA	9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD)	1,683.37	60.57
28 21 31 00-0790	EA	16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD)	1,592.77	60.57
28 21 31 00-0791		Color Duplex, Video Multiplexers *(28 21 31 00-0787)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0792	EA	4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD)	1,147.12	60.57
28 21 31 00-0793	EA	9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD)	2,160.03	60.57
28 21 31 00-0794	EA	16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD)	2,338.78	60.57
28 21 31 00-0795		Color Simplex, Video Multiplexers *(28 21 31 00-0787)*		
28 21 31 00-0796	EA	9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS)	1,820.49	60.57
28 21 31 00-0797	EA	16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS)	2,120.85	60.57
28 21 31 00-0798		Video Multiplexer Accessories *(28 21 31 00-0787)*		
28 21 31 00-0799	EA	Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000)	1,027.38	41.37
28 21 31 00-0800	EA	Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002)	620.91	41.37
28 21 31 00-0801	EA	Video Multiplexer Server (Pelco MX4000SVR)	1,683.37	60.57
28 21 31 00-0802		Quad Video Processor *(28 21 31 00-0786)*		
28 21 31 00-0803	EA	Monochrome, Quad Video Processor (Pelco QD104M)	526.62	30.29
28 21 31 00-0804	EA	Color, Quad Video Processor (Pelco QD104C)	853.10	30.29
28 21 31 00-0805		Switcher *(28 21 31 00-0786)*		
28 21 31 00-0806		Terminating Manual Switchers *(28 21 31 00-0805)*		
28 21 31 00-0807		Terminating Manual Switchers *(28 21 31 00-0806)*		
28 21 31 00-0808	EA	4 Inputs, Terminating Manual Switcher (Pelco MS504DT)	189.66	24.23
28 21 31 00-0809	EA	8 Inputs, Terminating Manual Switcher (Pelco MS508DT)	253.33	24.23
28 21 31 00-0810	EA	12 Inputs, Terminating Manual Switcher (Pelco MS512DT)	305.56	24.23
28 21 31 00-0811	EA	18 Inputs, Terminating Manual Switcher (Pelco MS518DT)	492.47	24.23
28 21 31 00-0812		Audio Follow, Terminating Manual Switchers *(28 21 31 00-0806)*		
28 21 31 00-0813	EA	4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF)	241.90	24.23
28 21 31 00-0814	EA	8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF)	417.38	24.23
28 21 31 00-0815	EA	18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF)	720.19	24.23
28 21 31 00-0816		Balanced Audio Follow, Terminating Manual Switchers *(28 21 31 00-0806)*		
28 21 31 00-0817	EA	4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF)	319.44	24.23
28 21 31 00-0818	EA	8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF)	575.73	24.23
28 21 31 00-0819		Looping Manual Switchers *(28 21 31 00-0805)*		
28 21 31 00-0820		Looping Manual Switchers *(28 21 31 00-0819)*		
28 21 31 00-0821	EA	4 Inputs, Looping Manual Switcher (Pelco MS504LDT)	210.88	24.23
28 21 31 00-0822	EA	8 Inputs, Looping Manual Switcher (Pelco MS508LDT)	285.16	24.23
28 21 31 00-0823	EA	12 Inputs, Looping Manual Switcher (Pelco MS512LDT)	360.25	24.23
28 21 31 00-0824	EA	18 Inputs, Looping Manual Switcher (Pelco MS518LDT)	586.34	24.23
28 21 31 00-0825		Audio Follow, Looping Manual Switchers *(28 21 31 00-0819)*		
28 21 31 00-0826	EA	4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL)	259.86	24.23
28 21 31 00-0827	EA	8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL)	445.13	24.23
28 21 31 00-0828	EA	12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL)	606.74	24.23
28 21 31 00-0829		Balanced Audio Follow, Looping Manual Switchers *(28 21 31 00-0819)*		
28 21 31 00-0830	EA	4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL)	341.48	24.23
28 21 31 00-0831	EA	8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL)	609.19	24.23
28 21 31 00-0832	EA	12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL)	763.45	24.23
28 21 31 00-0833		Sequential Switchers *(28 21 31 00-0805)*		
28 21 31 00-0834		Single Output, Sequential Switchers *(28 21 31 00-0833)*		
28 21 31 00-0835	EA	4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104)	361.06	24.23
28 21 31 00-0836	EA	8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108)	532.47	24.23
28 21 31 00-0837		Dual Outputs, Sequential Switchers *(28 21 31 00-0833)*		
28 21 31 00-0838	EA	4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204)	448.40	24.23
28 21 31 00-0839	EA	8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208)	616.54	24.23
28 21 31 00-0840		Controls *(28 21 31 00-0786)*		
28 21 31 00-0841		Direct/Multi-Cable Controls *(28 21 31 00-0840)*		
28 21 31 00-0842	EA	Scanner Control Module (Pelco MPS524DT)	330.11	60.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0843	EA	120 Volt AC Pan/Tilt Control Module (Pelco MPT115DT)	350.51	60.57
28 21 31 00-0844	EA	24 Volt AC Pan/Tilt Control Module (Pelco MPT24DT)	385.61	60.57
28 21 31 00-0845	EA	Motorized Zoom Lens Control Module (Pelco MLZ6DT)	401.93	60.57
28 21 31 00-0846	EA	120 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT)	617.41	60.57
28 21 31 00-0847	EA	24 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT)	676.99	60.57
28 21 31 00-0848		**Coaxitron Controls** *(28 21 31 00-0840)*		
28 21 31 00-0849	EA	Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000)	469.10	41.37
28 21 31 00-0850	EA	8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000)	853.53	41.37
28 21 31 00-0851	EA	Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008)	963.71	41.37
28 21 31 00-0852		**Digital Controls** *(28 21 31 00-0840)*		
28 21 31 00-0853	EA	Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A)	616.83	41.37
28 21 31 00-0854	EA	Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A)	1,019.22	41.37
28 21 31 00-0855		**Lock Boxes** *(28 21 31 00-0786)*		
28 21 31 00-0856	EA	VCR Lock Box (Pelco LB1000)	375.71	45.43
		For Wall Mount, Add	*165.00*	
28 21 31 00-0857	EA	Computer Disk Drive Lock Box (Pelco LB2000)	383.88	45.43
28 21 31 00-0858	EA	VCR And Multiplexer Lock Box (Pelco LB3000) Note: Includes storage for 32 VCR tapes.	685.87	45.43
28 21 31 00-0859		**Test And Certification Of Surveillance Camera System** *(28 21 31)*		
28 21 31 00-0860	DAY	Test And Certification Of Surveillance Camera System To Tie Into Existing Systems	961.48	
28 21 31 00-0861	HR	Test And Certification Of Surveillance Camera System	300.46	
28 21 31 00-0862		**Programming Of Surveillance Camera System** *(28 21 31)*		
28 21 31 00-0863	HR	Programming Of Surveillance Camera System	360.56	
28 21 31 00-0864		**Proprietary Surveillance Systems** *(28 21 31)*		
28 21 31 00-0865	MLF	Cat6E, Shielded, (F/UTP) CMR/CMX, UV/Outdoor, 23AWG 8/C, Drain Wire, Solid BC (ETL) Cable (I9 C6CMXR-1069BK)	1,271.05	
28 21 31 00-0866	EA	Perimeter Defender License (I9 0333-608)	497.46	
28 21 31 00-0867	EA	Perimeter Defender with PTZ Autotracking License (I9 01725-001)	497.46	
28 21 31 00-0868	EA	DIN Rail Clip A (I9 5503-931)	45.77	
28 21 31 00-0869	EA	DIN Rail Clip B (I9 T91A03)	47.36	
28 21 31 00-0870	EA	Main Cable Angle C13-Open 0.5m (I9 5506-244)	46.58	
28 21 31 00-0871	EA	21" x 21", 12 Gauge, Interior Panel (I9 A24P24)	207.59	
28 21 31 00-0872	EA	29" x 21" x 12" Deep, Type 3R, Vented Enclosure (I9 WF3LP)	1,864.67	
28 21 31 00-0873	EA	14U x 24" Deep, mobile security rack. Enclosed with locking doors, casters, and 10-32 rails. (I9 PTRK-14MDK)	2,500.59	
28 21 31 00-0874	EA	Rackrail, 10-32, 14 RU, PTRK Series (I9 PTRK-RR14)	65.37	
28 21 31 00-0875	EA	Utility Rackshelf, 1 RU, 10.4" D, Vented (I9 U1V)	93.90	
28 21 31 00-0876	EA	Utility Rackshelf, 2 RU, 14.75 D (I9 U2)	139.76	
28 21 31 00-0877	EA	Utility Rackshelf, 2 RU, 14.75 D, Vented (I9 U2V)	117.87	
28 21 31 00-0878	EA	Outdoor IR Network Dome Camera, 3.4-8.9mm Lens (I9 P3245-LVE)	1,257.26	
28 21 31 00-0879	EA	Outdoor PTZ Network Camera, 32x Lens (I9 P5655-E)	3,496.70	
28 21 31 00-0880	EA	Outdoor Thermal Network Camera, 19mm Lens (I9 Q1941-E)	4,849.27	
28 21 31 00-0881	EA	Outdoor Thermal Network Camera, 13mm Lens (I9 Q1941-E)	4,849.27	
28 21 31 00-0882	EA	Outdoor Thermal Network Camera, 60mm Lens (I9 Q1941-E)	7,564.61	
28 21 31 00-0883	EA	IR Dome Network Camera 3.4-8.9mm Lens (I9 P3245-LVE)	1,052.23	
28 21 31 00-0884	EA	Outdoor Network IR Dome Camera 3.5-10mm Lens (I9 P3228-LVE)	1,940.70	
28 21 31 00-0885	EA	Pole Mount, 50-150 mm (I9 T91B47)	151.36	
28 21 31 00-0886	EA	Wall Mount (I9 T91G61)	373.58	
28 21 31 00-0887	EA	Attachment Kit for PTZ Cameras (I9 T94AO1C)	194.28	
28 21 31 00-0888	EA	Dual Camera Mount (I9 T94V01C)	194.28	
28 21 31 00-0889	EA	Conduit Back Box (I9 T94S01P)	229.24	
28 21 31 00-0890	EA	Corner Bracket (I9 T91A64)	160.90	
28 21 31 00-0891	EA	Pendant Kit (I9 T94A01D)	114.81	
28 21 31 00-0892	EA	Tile Grid Ceiling Mount (I9 T91A23)	149.78	
28 21 31 00-0893	EA	Indoor Pendant Kit (I9 T94K01D)	95.74	
28 21 31 00-0894	EA	Pole Mount 65-165MM (I9 T91B67)	187.92	
28 21 31 00-0895	EA	Outdoor Pendant Kit for P32-VE Camera (I9 T94T01D)	108.45	
28 21 31 00-0896	EA	Wall Mount 1.5" NPS for selected Fixed Dome Cameras (I9 T91D61)	173.32	
28 21 31 00-0897	EA	Parapet Mount for PTZ and Dome Network Camera (I9 T91B62)	354.51	
28 21 31 00-0898	EA	1U Rackmount Console with built-in slide-out keyboard/touch pad and tilt-up 17-inch LCD monitor (I9 B021-000-17)	1,047.12	
28 21 31 00-0899	EA	1-Year Extended Warranty (I9 WEXT1J)	155.74	
28 21 31 00-0900	EA	Wall-Mountable Interconnect Center (WIC) (I9 WIC-02P)	178.00	
28 21 31 00-0901	EA	Closet Connector Housing (CCH) Panel (I9 CCH-CP12-19T)	161.70	
28 21 31 00-0902	EA	USB 2.0 Extender (I9 EXT-USB2.0-LR)	841.16	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0903	EA	SeaLevel IO Device: USB to 16 Isolated Inputs / 16 Reed Relay Outputs Digital Interface Adapter (I9 SeaDAC 8221)	570.98	
28 21 31 00-0904	EA	15 Watt, Midspan 1-Port (I9 T8120)	113.82	
28 21 31 00-0905	EA	30 Watt, Midspan 8-Port (I9 T8133)	148.79	
28 21 31 00-0906	EA	24" Monitor (I9 P2419H)	399.61	
28 21 31 00-0907	EA	43" Full HD Commercial LED Display (I9 CDE4302)	652.33	
28 21 31 00-0908	EA	Articulating Arm (20" Extension) TV Wall Mount Bracket for 32-65" TVs (I9 APDAM28)	525.30	
28 21 31 00-0909	EA	Slim Power Strip, 7 Outlet, 15 Amperage, 10' Cord, Vertical Mounting (I9 PD-715SC-NS)	173.41	
28 21 31 00-0910	EA	CV 20/20 Enterprise - 1 IP camera License (I9 SPEI)	311.50	
28 21 31 00-0911	EA	5 Year Extended Warranty for Complete View Enterprise (I9 SMAE5)	91.21	
28 21 31 00-0912	EA	NVR Server And 5 Year SFW updates included (I9 PowerPro PPN12T5B)	9,237.24	
28 21 31 00-0913	EA	Catalyst 3560cx-12pc-s Managed Switch (I9 WS-C3560CX-12PC-S)	2,266.52	
28 21 31 00-0914	EA	Extended Service Warranty (I9 CON-SNT-WSC312PC)	233.62	
28 21 31 00-0915	EA	Catalyst 8-Port 10/100/1000 Managed Gigabit Ethernet Switch (I9 WS-C3560CX-8PC-S)	1,676.45	
28 21 31 00-0916	EA	Extended Service Warranty (I9 CON-SNT-WSC38PCS)	190.71	
28 21 31 00-0917	EA	IE 1GB SD Memory Card for IE2000, IE3010 (I9 SD-IE-1GB)	447.88	
28 21 31 00-0918	EA	50 Watt AC To DC or High DC to DC Power Supply (I9 PWR-IE50W-AC)	466.96	
28 21 31 00-0919	EA	8 Port Switch (I9 IE-2000-8TC-B)	1,969.27	
28 21 31 00-0920	EA	Extended Service Warranty (I9 CON-SNT-IE2K8TCG)	260.64	
28 21 31 00-0921	EA	American Power Conversion (APC) Smart-UPS X 1500VA Rack/Tower LCD 120 Vole (I9 SMX1500RM2UNC)	2,039.25	
28 21 31 00-0922	EA	Industrial 1.5 kVA UPS Tower, 12-Year Batteries, Wide Temp (I9 SSG1.5 K-1)	2,721.10	
28 21 31 00-0923	EA	OptiPlex 7080 Micro (I9 Optiplex 7080 210-ASEG)	1,724.65	
28 21 31 00-0924	EA	OptiPlex Micro VESA Mount with adapter box (I9 Optiplex 452-BDEQ)	53.72	
28 21 31 00-0925	EA	Logitech MK520 Keyboard and Mouse Combo - Wireless (I9 MK520)	75.97	
28 21 31 00-0926		Removal And Reinstallation Of Cameras *(28 21 31)* Note: Includes storage, cleaning and supply materials.		
28 21 31 00-0927	EA	Removal And Reinstallation Of Camera System	545.18	

28 30 Security Detection, Alarm, and Monitoring *(28)*

28 31 Intrusion Detection *(28 30)*

28 31 11 Building Intrusion Detection *(28 31)*

28 31 11 13 Building Intrusion Detection Remote Devices and Sensors *(28 31 11)*

28 31 11 13-0001 Intrusion / Panic Alarm Equipment *(28 31 11 13)*

28 31 11 13-0002	EA	Digital Keypad (Bosch D1255)	414.79	60.57
28 31 11 13-0003	EA	Alarm Panel (Bosch D7412GV4)	968.05	242.30
28 31 11 13-0004	EA	Alarm Panel (Bosch D9412GV4)	1,341.76	242.30
28 31 11 13-0005	EA	Passive Infrared / Microwave Detectors, Long Range (Bosch DS970)	245.09	45.43
28 31 11 13-0006	EA	Passive Infrared / Microwave Detectors, Medium Range (Bosch DS950)	228.78	45.43
28 31 11 13-0007	EA	Passive Infrared / Microwave Detectors, 360 (Bosch DS9360)	298.48	45.43
28 31 11 13-0008	EA	Glass Break Sensor (Honeywell FG1625F)	103.72	15.15
28 31 11 13-0009	EA	Siren/Speaker (Sentrol MPI-36)	75.22	24.23
28 31 11 13-0010	EA	Magnetic Door Contact Switch, Flush Mount (Sentrol 1078CT)	22.93	6.05
28 31 11 13-0011	EA	Magnetic Door Contact Switch, Surface Mount, Non-Exposed Wiring (Sentrol 1042TW)	25.75	6.05
28 31 11 13-0012	EA	Magnetic Door Contact Switch, Surface Mount, Exposed Wiring (Sentrol 2505)	55.70	9.09
28 31 11 13-0013	EA	Magnetic Door Contact Switch, Floor Mount (Sentrol 2707A)	170.50	15.15
28 31 11 13-0014	EA	Panel Enclosure (Bosch D8103)	130.30	45.43
28 31 11 13-0015	EA	Lock And Key Assembly (Bosch D101)	18.35	6.05
28 31 11 13-0016	EA	7 AH, 12 Volt Battery (Bosch D126)	77.01	15.15
28 31 11 13-0017	EA	Transformer (Bosch D1640)	32.58	6.05
28 31 11 13-0018	EA	Keypad Back Boxes (Bosch D56)	32.88	6.05
28 31 11 13-0019	EA	Auxiallry Relay (Bosch D136)	22.20	6.05
28 31 11 13-0020	EA	Phone Jack, Modular (Bosch D128)	102.26	15.15
28 31 11 13-0021	EA	Battery Charging Module (Bosch D8132)	230.97	24.23
28 31 11 13-0022	EA	OctoPopit (Bosch D8128D)	220.48	24.23
28 31 11 13-0023	EA	OctoRelay (Bosch D8129)	238.28	24.23
28 31 11 13-0024	EA	Transformer Kit (Bosch D8004)	107.28	12.12
28 31 11 13-0025	EA	Phone Jack, Modular (Bosch D166/RJ31X)	23.98	6.05

28 40 Life Safety *(28)*

Note: Includes testing of new devices and certification.

28 42 Gas Detection and Alarm *(28 40)*

28 42 11 Gas Detection and Alarm Control, GUI, and Logic Systems *(28 42)*

28 42 11 00-0001 Monitoring System For Underground Tanks *(28 42 11)*

28 42 11 00-0002 Continuous Leak Detection System *(28 42 11 00-0001)*
Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable.

28 42 11 00-0003	EA	Single Channel Underground Tank Monitoring System	13,809.40	495.91
28 42 11 00-0004	EA	2 Channel Underground Tank Monitoring System	18,643.27	661.62
28 42 11 00-0005	EA	3 Channel Underground Tank Monitoring System	26,699.05	708.79
28 42 11 00-0006	EA	4 Channel Underground Tank Monitoring System	28,310.99	991.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 42 11 00-0007	EA	Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System	20,758.12	84.67
28 42 11 00-0008	EA	Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System	18,720.67	75.60
28 42 11 00-0009	EA	Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System	24,637.92	84.67
28 42 11 00-0010	EA	Tank Leak Detection Probe	7,637.98	18.14
28 42 11 00-0011	EA	Secondary Containment Collar Probe	925.26	7.26
28 42 11 00-0012	EA	Interstitial Leak Detection Probe	1,693.37	15.12
28 42 11 00-0013	EA	Liquid Phase Detection	5,594.60	45.36
28 42 11 00-0014	EA	Hydrocarbon Vapor, Fixed	5,159.31	45.36
28 42 11 00-0015	EA	Hydrocarbon Vapor, Float Mounted	6,036.02	51.40
28 42 11 00-0016	EA	Liquid And Vapor Hydrocarbon	6,906.99	51.40

28 42 15 Gas Detection Sensors *(28 42)*

28 42 15 00-0001 Hydrogen Gas Detection *(28 42 15)*

28 42 15 00-0002	EA	Hydrogen Gas Detector Sensor, 1% Fan Relay, 2% Alarm (SBS HGDI-DR)	1,929.91	45.43
28 42 15 00-0003	EA	Hydrogen Gas Detector Junction Box (SBS HGDI-JB)	102.21	45.43
28 42 15 00-0004	EA	Remote Display With 25' Cable For Hydrogen Gas Detector (SBS HGDI-REM)	491.55	45.43

28 43 Fuel Oil Detection and Alarm *(28 40)*

See CSI section 28 42 00 00-0000 for detection and alarms.

28 46 Fire Detection and Alarm *(28 40)*

28 46 13 Fire-Alarm Systems *(28 46)*

28 46 13 31 Proprietary Supervising-Station Fire-Alarm Systems *(28 46 13)*

Note: Includes programming of equipment, testing and certification of new devices.

28 46 13 31-0001 Edwards Fire Alarm *(28 46 13 31)*

28 46 13 31-0002 EST3 Life Safety And Security Control *(28 46 13 31-0001)*

28 46 13 31-0003 EST3 Network *(28 46 13 31-0002)*

28 46 13 31-0004 Remote Annunciators *(28 46 13 31-0003)*

28 46 13 31-0005	EA	Remote LCD Command Module Annunciator (EST3 3-LCDANN) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,560.62	90.86
28 46 13 31-0006	EA	Six Position Base Annunciator (EST3 3-6ANN) Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	1,272.17	90.86
28 46 13 31-0007	EA	Ten Position Base Annunciator (EST3 3-10ANN) Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	1,608.52	90.86
28 46 13 31-0008	EA	Annunciator CPU (EST3 3-ANNCPU3) Note: One Required per graphic annunciator.	1,025.95	90.86
28 46 13 31-0009	EA	Annunciator Support Module (EST3 3-ANNSM) Note: Takes one space in Annunciator box. Supports one Control/Display module.	189.04	30.29
28 46 13 31-0010	EA	Liquid Crystal Display Module (EST3 3-LCD) Note: Mounts over 3-CPU(1).	660.27	90.86
28 46 13 31-0011	EA	Liquid Crystal Display Module (EST3 3-LCDXL) Note: Mounts over 3-ANNCPU plus two spaces.	632.08	90.86
28 46 13 31-0012	EA	LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA) Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.	744.59	90.86
28 46 13 31-0013	EA	Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA) Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.	866.91	60.57
28 46 13 31-0014	EA	Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX) Note: Mounts up to three 3-EVDVRA modules.	131.77	30.29
28 46 13 31-0015	EA	Central Processor Unit Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,847.85	90.86
28 46 13 31-0016	EA	120 Volt AC, 50/60 Hertz, Primary Power Supply With Local Rail Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,629.76	30.29

28 46 13 31-0017 Remote Annunciators Cabinets *(28 46 13 31-0003)*

28 46 13 31-0018	EA	Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCM/B)	142.01	30.29
28 46 13 31-0019	EA	Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCM/B-S)	129.90	24.23
28 46 13 31-0020	EA	Six Position LED/LCD Flush Wallbox (EST3 6ANN/B)	160.09	30.29
28 46 13 31-0021	EA	Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S)	147.98	24.23
28 46 13 31-0022	EA	Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B)	177.04	30.29
28 46 13 31-0023	EA	Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S)	164.93	24.23

28 46 13 31-0024 Audio And Telephone Masters *(28 46 13 31-0003)*

28 46 13 31-0025	EA	Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT)	5,082.43	121.16
28 46 13 31-0026	EA	Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4)	2,831.27	121.16
28 46 13 31-0027	EA	Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU)	1,719.97	121.16
28 46 13 31-0028	EA	Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU)	2,676.49	121.16
28 46 13 31-0029	EA	Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100)	3,056.32	121.16
28 46 13 31-0030	EA	Zoned Amplifier, 95 Watt, Class B. 95 Watt Selectable For 25 Or 70 Vrms Class B Output. Mounts In 2 LRM Spaces (EST3 3-ZA95)	1,675.84	60.57

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0031		**Battery Distribution Unit** *(28 46 13 31-0003)*		
28 46 13 31-0032	EA	Battery Distribution Unit (EST3 3-BTSEN)	563.11	441.97
28 46 13 31-0033		**Remote Booster Power Supply** *(28 46 13 31-0003)*		
28 46 13 31-0034	EA	6.5 Amperes, 120 Volt AC, Booster Power Supply (EST3 BPS6A)	885.31	90.86
28 46 13 31-0035	EA	10 Amperes, 110 Volt AC Booster Power Supply (EST3 BPS10)	1,010.50	90.86
28 46 13 31-0036	EA	10 Amperes, 220 Volt AC Booster Power Supply (EST3 BPS10220)	1,102.74	90.86
28 46 13 31-0037	EA	Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP)	145.05	30.29
28 46 13 31-0038		**Batteries And Battery Cabinets** *(28 46 13 31-0003)*		
28 46 13 31-0039	EA	1.2 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V1A2 (1.2 Ampere Hours))	110.67	30.29
28 46 13 31-0040	EA	4 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V4A (4.5 Ampere Hours))	137.86	30.29
28 46 13 31-0041	EA	24 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V24A (26 Ampere Hours))	325.49	30.29
28 46 13 31-0042	EA	6.5 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V6A5 (7.2 Ampere Hours))	148.75	30.29
28 46 13 31-0043	EA	40 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V40A (40 Ampere Hours))	412.60	30.29
28 46 13 31-0044	EA	10 Amperes Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V10A (11 Ampere Hours))	232.28	30.29
28 46 13 31-0045	EA	50 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V50A (50 Ampere Hours))	836.97	30.29
28 46 13 31-0046	EA	17 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V17A (18 Ampere Hours))	237.90	30.29
28 46 13 31-0047	EA	65 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V65A (65 Amp Hours))	1,007.61	30.29
28 46 13 31-0048	EA	8 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V8A (8 Amp Hours))	132.56	30.29
28 46 13 31-0049	EA	10 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V10A (12 Amp Hours))	118.98	30.29
28 46 13 31-0050	EA	14" x 18-1/4" x 7-1/4" Free Standing Battery Cabinet With Key Lock (EST3 BC-1) Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries.	424.57	60.57
28 46 13 31-0051	EA	22" x 15" x 3-3/4" Grey Battery Cabinet (EST3 BC-2) Note: Holds up to two 12V17A batteries.	351.32	60.57
28 46 13 31-0052	EA	Remote Closet Enclosure (EST3 3-RCC7R)	1,199.17	121.16
28 46 13 31-0053	EA	Remote Closet Enclosure (EST3 3-RCC14R)	1,487.54	121.16
28 46 13 31-0054	EA	Remote Closet Enclosure (EST3 3-RCC21R)	2,085.52	121.16
28 46 13 31-0055		**Serial Printer** *(28 46 13 31-0003)*		
28 46 13 31-0056	EA	System Printer - Desk Top Style (EST3 PT-1S)	875.49	30.29
28 46 13 31-0057		**EST3 Fire Alarm Panel Deprogramming** *(28 46 13 31-0003)*		
28 46 13 31-0058	EA	Fire Alarm Deprogramming EST3 Fire Alarm Panel And Firworks Graphical Terminal Note: Deprogram from fire alarm systems and Fireworks site networks of the EST3 fire alarm panels in Building 601/602. Deprogram the fire alarm system from the Fireworks site network. Fiber optic cabling is understood to remain in place. Provide splice patch cables to continue fiber circuit back to site fiber optic system.	8,808.00	
28 46 13 31-0059		**Intelligent Analog Initiating Devices** *(28 46 13 31-0002)*		
28 46 13 31-0060		**Detectors, Signature** *(28 46 13 31-0059)*		
28 46 13 31-0061	EA	Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHS)	254.89	45.43
28 46 13 31-0062	EA	Black, Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHSB)	286.56	45.43
28 46 13 31-0063	EA	Intelligent 3D Multisensor Detector For Photoelectric And Heat (EST3 SIGA-PHS)	245.46	45.43
28 46 13 31-0064	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA-PS)	217.17	45.43
28 46 13 31-0065	EA	Intelligent Ionization Smoke Detector (EST3 SIGA-IS)	226.60	45.43
28 46 13 31-0066	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA-HRS)	185.62	45.43
28 46 13 31-0067	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA-HFS)	185.62	45.43
28 46 13 31-0068	EA	Passive Infrared Motion Detector (EST3 SIGA-MD)	294.98	45.43
28 46 13 31-0069	EA	Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS)	325.87	45.43
28 46 13 31-0070	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA2-PS)	274.74	45.43
28 46 13 31-0071	EA	Intelligent Combination Photo Electric And CO Sensor (EST3 SIGA2-PCOS)	397.40	45.43
28 46 13 31-0072	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA2-HFS)	228.97	45.43
28 46 13 31-0073	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA2-HRS)	228.97	45.43
28 46 13 31-0074	EA	Photoelectric, Heat, Intelligent 3D Multisensor Detector (EST3 SIGA2-PHS)	315.96	45.43
28 46 13 31-0075		**Detectors, Duct Housings and Accessories, Signature** *(28 46 13 31-0059)*		
28 46 13 31-0076	EA	Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD)	515.88	75.72
28 46 13 31-0077	EA	Superduct, Test Magnet Kit (EST3 SD-MAG)	22.28	
28 46 13 31-0078	EA	Superduct, 120" Air Sample Tube (EST3 SD-T120)	67.74	18.17
28 46 13 31-0079	EA	Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK)	134.69	24.23
28 46 13 31-0080	EA	Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS)	182.56	24.23
28 46 13 31-0081	EA	High Temp Heat Detector, 194 Degree F, Combination Rate-Of-Rise And Fixed Temperature (EST3 282B-PL)	80.06	24.23
28 46 13 31-0082		**Modules, Signature** *(28 46 13 31-0059)*		
28 46 13 31-0083	EA	Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB)	240.34	30.29
28 46 13 31-0084	EA	Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1)	110.17	30.29
28 46 13 31-0085	EA	Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2)	144.77	30.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0086	EA	Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2)	215.11	30.29
28 46 13 31-0087	EA	Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1)	157.82	30.29
28 46 13 31-0088	EA	Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2)	165.00	30.29
28 46 13 31-0089	EA	Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR) Note: Select for either N.O. or N.C. operation. Rated at 2 amperes (24 Volt DC).	128.45	30.29
28 46 13 31-0090	EA	Control Relay UIO (Plug In) Module (EST3 SIGA-MCR)	186.88	30.29
28 46 13 31-0091	EA	Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S)	249.93	30.29
28 46 13 31-0092	EA	Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO)	243.60	30.29
28 46 13 31-0093	EA	Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO)	234.17	30.29
28 46 13 31-0094	EA	Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM)	214.61	184.33
28 46 13 31-0095	EA	Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1) Note: Factory programmed for non-latching monitor operation.	156.81	30.29
28 46 13 31-0096	EA	Single Input (Riser) Module, With Synchronization Output (EST3 SIGA-MCC1S)	250.97	30.29
28 46 13 31-0097		**Module Accessories, Signature** *(28 46 13 31-0059)* Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 and 2-gang modules.		
28 46 13 31-0098	EA	Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4)	61.97	15.15
28 46 13 31-0099	EA	Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6)	212.05	30.29
28 46 13 31-0100	EA	Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, -UM And -MAB Modules (EST3 235196P)	22.89	9.08
28 46 13 31-0101	EA	Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1-Gang Signature Modules (EST3 SIGA-MP1)	72.89	15.15
28 46 13 31-0102	EA	Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1-Gang Signature Modules (EST3 SIGA-MP2)	65.05	15.15
28 46 13 31-0103	EA	Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L)	68.15	15.15
28 46 13 31-0104		**Single Action Pull Stations, Signature** *(28 46 13 31-0059)*		
28 46 13 31-0105	EA	One Stage Fire Alarm Station, English Markings (EST3 SIGA-270)	263.21	63.00
28 46 13 31-0106	EA	Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P)	310.52	63.00
28 46 13 31-0107	EA	GA Key - For Pre Signal Station (EST3 276-K2)	36.15	30.08
28 46 13 31-0108	EA	20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR)	45.26	39.19
28 46 13 31-0109	EA	Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB)	68.89	44.66
28 46 13 31-0110		**Double Action Pull Stations, Signature** *(28 46 13 31-0059)*		
28 46 13 31-0111	EA	Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278)	198.83	63.00
28 46 13 31-0112	EA	12 Glass Rods For SIGA-278 Series (EST3 276-GLR)	45.94	6.05
28 46 13 31-0113		**Detector Bases and Accessories, Signature** *(28 46 13 31-0059)* Note: For raised floor and plenum applications, Order detector mounting base and detector separately. Compatible with -PS, and -PHS detectors and -SB, -RB and -IB bases.		
28 46 13 31-0114	EA	Audible (Sounder) Base (EST3 SIGA-AB4G)	131.97	15.15
28 46 13 31-0115	EA	Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB)	49.31	15.15
28 46 13 31-0116	EA	Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4)	164.80	15.15
28 46 13 31-0117	EA	Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG)	93.50	15.15
28 46 13 31-0118	EA	Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB)	109.26	15.15
28 46 13 31-0119	EA	Detector Mounting Plate (EST3 SIGA-DMP) Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute.	172.34	15.15
28 46 13 31-0120	EA	Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED)	61.97	15.15
28 46 13 31-0121	EA	Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS)	23.02	9.08
28 46 13 31-0122	EA	Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4)	23.02	9.08
28 46 13 31-0123	EA	Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF)	65.62	9.08
28 46 13 31-0124	EA	Detector Base With Isolator (EST3 SIGA-IB)	107.67	15.15
28 46 13 31-0125	EA	Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4)	114.43	15.15
28 46 13 31-0126	EA	Detector Base With Form 'C' Relay (EST3 SIGA-RB)	64.23	15.15
28 46 13 31-0127	EA	Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4)	95.88	15.15
28 46 13 31-0128	EA	Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4)	41.39	15.15
28 46 13 31-0129		**Controllers, Signature** *(28 46 13 31-0059)*		
28 46 13 31-0130	EA	Signature Dual Driver Controller (EST3 3-SDDC1)	3,645.04	90.86
28 46 13 31-0131	EA	Single Signature Loop Controller (EST3 3-SSDC1)	2,090.27	90.86
28 46 13 31-0132	EA	Signature Loop Controller (EST3 3-SDC1)	1,878.05	90.86
28 46 13 31-0133	EA	Analog Addressable Loop Controller (EST3 3-AADC1)	3,008.93	90.86
28 46 13 31-0134		**Relays And Accessories** *(28 46 13 31-0059)*		
28 46 13 31-0135	EA	Multi Voltage Relay (EST3 MR101)	194.06	30.29
28 46 13 31-0136	EA	Single SPDT Auxiliary Relay With LED Track Mounting (EST3 MR101/T)	57.95	15.15

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0137		Notification Appliances *(28 46 13 31-0002)*			
28 46 13 31-0138		Wall Strobes, Horns And Chimes *(28 46 13 31-0137)*			
28 46 13 31-0139	EA	Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM)		158.29	45.43
28 46 13 31-0140	EA	Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM)		158.29	45.43
28 46 13 31-0141	EA	Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM)		180.25	45.43
28 46 13 31-0142	EA	Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD)		133.55	45.43
28 46 13 31-0143	EA	Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD)		133.55	45.43
28 46 13 31-0144	EA	Temporal Horn, Hi/Lo dB Output, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-HD)		133.55	45.43
28 46 13 31-0145	EA	Temporal Horn, Hi/Lo dB Output, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD)		133.55	45.43
28 46 13 31-0146	EA	Horn (Steady Tone), 24 Volt DC, White, Not Compatible With Signal Master (EST3 G1-P)		112.75	45.43
28 46 13 31-0147	EA	Horn (Steady Tone) - 24 Volt DC, Red, Not Compatible With Signal Master (EST3 G1R-P)		112.75	45.43
28 46 13 31-0148	EA	Horn (Steady Tone), 24 Volt DC, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P)		112.75	45.43
28 46 13 31-0149	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM)		269.89	45.43
28 46 13 31-0150	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM)		269.89	45.43
28 46 13 31-0151	EA	Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C)		177.58	45.43
28 46 13 31-0152	EA	Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C)		177.58	45.43
28 46 13 31-0153	EA	Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575)		158.29	45.43
28 46 13 31-0154	EA	Multi-cd Strobe, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-VM)		158.29	45.43
28 46 13 31-0155	EA	Multi-Candela Strobe, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM)		158.29	45.43
28 46 13 31-0156	EA	Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575)		158.29	45.43
28 46 13 31-0157	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM)		164.47	45.43
28 46 13 31-0158	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCFR-VM)		164.47	45.43
28 46 13 31-0159	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH)		178.91	45.43
28 46 13 31-0160	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM)		164.47	45.43
28 46 13 31-0161	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH)		164.47	45.43
28 46 13 31-0162	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE)		99.24	45.43
28 46 13 31-0163	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE)		99.24	45.43
28 46 13 31-0164		Wall Speakers And Speaker Strobes *(28 46 13 31-0137)*			
28 46 13 31-0165	EA	Multi-Wattage 25 VRMS Speaker (EST3 G4-S2)		131.68	45.43
28 46 13 31-0166	EA	Multi-Candela/Wattage 25 VRMS Speaker-Strobe (EST3 G4-S2VM)		201.34	45.43
28 46 13 31-0167	EA	Multi-Wattage 70 VRMS Speaker (EST3 G4-S7)		131.68	45.43
28 46 13 31-0168	EA	Multi-Candela/Wattage 70 VRMS Speaker-Strobe (EST3 G4-S7VM)		201.34	45.43
28 46 13 31-0169	EA	Surface Box, White, For Genesis Speaker (EST3 G4B)		65.44	24.23
28 46 13 31-0170	EA	Surface Box, Red, For Genesis Speaker (EST3 G4RB)		65.44	24.23
28 46 13 31-0171		Ceiling Speakers And Speaker Strobes *(28 46 13 31-0137)*			
28 46 13 31-0172	EA	Genesis Ceiling Speaker, 70 VRMS, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7)		156.95	45.43
28 46 13 31-0173	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM)		201.34	45.43
28 46 13 31-0174	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH)		215.40	45.43
28 46 13 31-0175		Harsh Environment Signals *(28 46 13 31-0137)*			
28 46 13 31-0176	EA	Temporal Horn, Self-Synchronized, 24 Volt DC (EST3 757-1A-T)		139.65	45.43
28 46 13 31-0177	EA	15/75 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-7A-T)		195.10	45.43
28 46 13 31-0178	EA	110 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-8A-T)		195.10	45.43
28 46 13 31-0179	EA	15 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-5A-T)		178.61	45.43
28 46 13 31-0180	EA	15/75 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-7A-T)		167.66	45.43
28 46 13 31-0181	EA	30 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-3A-T)		178.61	45.43
28 46 13 31-0182	EA	60 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-6A-T)		178.61	45.43
28 46 13 31-0183	EA	110 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-8A-T)		178.61	45.43
28 46 13 31-0184	EA	15/75 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-7A-T)		197.54	51.49
28 46 13 31-0185	EA	110 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-8A-T)		197.54	51.49
28 46 13 31-0186	EA	15 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-5A-T)		146.34	45.43
28 46 13 31-0187	EA	30 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-3A-T)		189.84	45.43
28 46 13 31-0188		Fire Alarm Bells *(28 46 13 31-0137)*			
28 46 13 31-0189	EA	10" Single Stroke Fire Alarm Bells, 24 Volt DC (EST3 323D-10AW)		210.48	45.43
28 46 13 31-0190	EA	6" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-6AW)		169.07	45.43
28 46 13 31-0191	EA	10" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-10AW)		186.74	45.43
28 46 13 31-0192		Multiple Tone Signal *(28 46 13 31-0137)*			
28 46 13 31-0193	EA	27 Tone Selectable Signal, 24 Volt DC (EST3 5530MD-24AW)		1,333.30	1,287.87
28 46 13 31-0194		Multi-Purpose Loudspeaker *(28 46 13 31-0137)*			
28 46 13 31-0195	EA	15 Watt Loudspeaker, Gray (EST3 HPSA15G2570)		276.52	45.43
28 46 13 31-0196	EA	15 Watt Loudspeaker, Red (EST3 HPSA15R2570)		276.52	45.43
28 46 13 31-0197		Bell/Strobe Plate *(28 46 13 31-0137)*			

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0198	EA	Bell/Strobe Plate - 15cd (EST3 403-5A-R)	139.96	24.23
28 46 13 31-0199		**Mounting Accessories** *(28 46 13 31-0137)*		
28 46 13 31-0200	EA	Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11)	66.72	24.23
28 46 13 31-0201	EA	One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY)	66.72	24.23
28 46 13 31-0202	EA	Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16)	66.72	24.23
28 46 13 31-0203	EA	Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21)	66.72	24.23
28 46 13 31-0204	EA	Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26)	66.72	24.23
28 46 13 31-0205		**Firefighters' Telephones** *(28 46 13 31-0137)*		
28 46 13 31-0206	EA	Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4)	1,196.52	75.72
28 46 13 31-0207	EA	Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4)	673.99	75.72
28 46 13 31-0208	EA	Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F)	485.82	75.72
28 46 13 31-0209	EA	Telephone Handset Assembly - Red c/w 60" Coiled Cord (EST3 6830-1)	354.64	75.72
28 46 13 31-0210	EA	Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4)	650.57	75.72
28 46 13 31-0211	EA	Three State Telephone Handset Assembly - Red, 60" Coiled Cord, Push To Talk Button (EST3 6830-5A)	401.45	75.72
28 46 13 31-0212	EA	Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Coiled Cord (EST3 6830-5A-4)	733.50	75.72
28 46 13 31-0213	EA	Three State Telephone Handset Assembly - Red, 60" Armored Cord, Push To Talk Button (EST3 6830-6A)	417.06	75.72
28 46 13 31-0214	EA	Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Armored Cable (EST3 6830-6A-4)	839.69	75.72
28 46 13 31-0215	EA	Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1)	92.25	24.23
28 46 13 31-0216	EA	Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4)	105.83	24.23
28 46 13 31-0217	EA	Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3)	147.25	
28 46 13 31-0218	EA	Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061)	147.25	
28 46 13 31-0219	EA	Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1)	223.59	30.29
28 46 13 31-0220	EA	Frontplate - Flush Mount, Red Finish, Non Break Glass Type With Two Keys (EST3 6831-2)	277.66	30.29
28 46 13 31-0221	EA	Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3)	196.56	30.29
28 46 13 31-0222	EA	Frontplate - Surface Mount, Red Finish, Non Break Glass Type, With Two Keys (EST3 6831-4)	188.61	30.29
28 46 13 31-0223	EA	Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1)	140.26	45.43
28 46 13 31-0224	EA	Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6)	1,234.50	60.57
28 46 13 31-0225		**Mass Notification EC Appliances** *(28 46 13 31-0137)*		
28 46 13 31-0226	EA	G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA)	164.51	45.43
28 46 13 31-0227	EA	G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC)	158.90	45.43
28 46 13 31-0228	EA	G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA)	164.51	45.43
28 46 13 31-0229	EA	G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC)	158.90	45.43
28 46 13 31-0230	EA	G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT)	24.88	9.08
28 46 13 31-0231		**Hazardous Location Devices** *(28 46 13 31-0002)*		
28 46 13 31-0232		**Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location** *(28 46 13 31-0231)*		
28 46 13 31-0233	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135)	139.01	45.43
28 46 13 31-0234	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194)	139.01	45.43
28 46 13 31-0235	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135)	144.20	45.43
28 46 13 31-0236	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194)	144.20	45.43
28 46 13 31-0237	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135)	192.16	45.43
28 46 13 31-0238	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194)	192.16	45.43
28 46 13 31-0239	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135)	144.20	45.43
28 46 13 31-0240	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194)	144.20	45.43
28 46 13 31-0241		**Hazardous Locations Fire Alarm Station** *(28 46 13 31-0231)*		
28 46 13 31-0242	EA	Hazardous Location Fire Alarm Station (EST3 XAL53)	1,267.36	75.72
28 46 13 31-0243	EA	Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE)	1,206.74	75.72
28 46 13 31-0244		**Hazardous Location Strobes** *(28 46 13 31-0231)*		
28 46 13 31-0245	EA	Explosion Proof Strobe (EST3 116DEXSTC-FJ)	1,879.96	45.43
28 46 13 31-0246	EA	Wall Bracket Mounting Elbow (EST3 116EX-B)	351.24	15.15
28 46 13 31-0247	EA	Ceiling / Wall Mounting Module (EST3 116EX-C)	459.42	18.17
28 46 13 31-0248	EA	Pendant Mounting Module (EST3 116EX-P)	337.40	18.17
28 46 13 31-0249		**Hazardous Location Bells** *(28 46 13 31-0231)*		
28 46 13 31-0250	EA	6" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-6AW)	1,357.32	45.43
28 46 13 31-0251	EA	8" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-8AW)	1,392.42	45.43
28 46 13 31-0252	EA	10" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-10AW)	1,405.06	45.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0253		Hazardous Location Horns *(28 46 13 31-0231)*		
28 46 13 31-0254	EA	Hazardous Location Horns (EST3 888D-N5)	1,327.08	45.43
28 46 13 31-0255	EA	Explosion Proof Horn, Diode Polarized, 24 Volt DC (EST3 889D-AW)	1,084.20	45.43
28 46 13 31-0256		Door Holders And Relays *(28 46 13 31-0002)*		
28 46 13 31-0257		Electromagnetic Door Holders *(28 46 13 31-0256)*		
28 46 13 31-0258	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Single, Floor Mount (EST3 1501-AQN5)	239.40	45.43
28 46 13 31-0259	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Double, Floor Mount (EST3 1502-AQN5)	309.84	45.43
28 46 13 31-0260	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount (EST3 1504-AQN5)	203.43	45.43
28 46 13 31-0261	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount, Short Catch Plate (EST3 1505-AQN5)	203.43	45.43
28 46 13 31-0262	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Surface, Wall Mount (EST3 1508-AQN5)	206.68	45.43
28 46 13 31-0263	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Completely Flush, Wall Mount (EST3 1509-AQN5)	209.78	45.43
28 46 13 31-0264		Control Relays, Multi-Voltage *(28 46 13 31-0256)*		
28 46 13 31-0265	EA	Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1)	48.39	9.08
28 46 13 31-0266		FireShield Plus *(28 46 13 31-0002)*		
28 46 13 31-0267		3 Zone System *(28 46 13 31-0266)*		
28 46 13 31-0268	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302R)	1,302.32	363.46
28 46 13 31-0269	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302RD)	1,895.48	484.60
28 46 13 31-0270	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302G)	1,302.32	363.46
28 46 13 31-0271	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302GD)	1,895.48	484.60
28 46 13 31-0272	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	90.99	15.15
28 46 13 31-0273	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	90.99	15.15
28 46 13 31-0274		5 Zone System *(28 46 13 31-0266)*		
28 46 13 31-0275	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502R)	1,400.56	363.46
28 46 13 31-0276	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502RD)	1,988.11	484.60
28 46 13 31-0277	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502G)	1,400.56	363.46
28 46 13 31-0278	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502GD)	1,988.11	484.60
28 46 13 31-0279	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	90.99	15.15
28 46 13 31-0280	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	90.99	15.15
28 46 13 31-0281		10 Zone System *(28 46 13 31-0266)*		
28 46 13 31-0282	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004R)	2,021.79	484.60
28 46 13 31-0283	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004RD)	2,614.95	605.76
28 46 13 31-0284	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004G)	1,979.69	484.60
28 46 13 31-0285	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004GD)	2,614.95	605.76
28 46 13 31-0286	EA	Semi Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G)	106.19	15.15
28 46 13 31-0287	EA	NAC Power Expansion Transformer, 120 Volt AC, Increases 10 Zone FACP NAC (EST3 F-XTR120)	194.22	30.29
28 46 13 31-0288		FireShield Plus Off Premise Communication Options *(28 46 13 31-0266)*		
28 46 13 31-0289	EA	F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT)	425.46	30.29
28 46 13 31-0290		FireShield Plus Remote LED Annunciators *(28 46 13 31-0266)*		
28 46 13 31-0291	EA	Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI)	181.94	45.43
28 46 13 31-0292	EA	Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A)	181.94	45.43
28 46 13 31-0293	EA	Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA)	189.10	45.43
28 46 13 31-0294	EA	Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2)	36.43	9.08
28 46 13 31-0295	EA	Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3)	45.59	9.08
28 46 13 31-0296	EA	Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4)	67.59	9.08

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0297		**FireShield Plus Remote 10 Zone LED Annunciators** *(28 46 13 31-0266)*		
28 46 13 31-0298	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10)	568.03	45.43
28 46 13 31-0299	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10C)	624.17	45.43
28 46 13 31-0300	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Gray (EST3 RA-ENC1)	200.91	30.29
28 46 13 31-0301		**FireShield Plus Remote Relays And Interfaces** *(28 46 13 31-0266)*		
28 46 13 31-0302	EA	Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24)	212.37	30.29
28 46 13 31-0303	EA	11" Snap Track Holds 2-4 RRMs, Used To Mount FSRRMs In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-11S (EST3 FSRRM-S11)	88.06	18.17
28 46 13 31-0304	EA	Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM)	338.45	30.29
28 46 13 31-0305		**FireShield Plus Accessories** *(28 46 13 31-0266)*		
28 46 13 31-0306	EA	Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1)	19.81	
28 46 13 31-0307	EA	4.7k UL End Of Line Resistor With Fireshield Panels (EST3 EOL47PK7)	12.13	
28 46 13 31-0308		**iO Series Fire Control Panels** *(28 46 13 31-0002)*		
28 46 13 31-0309		**Intelligent Analog Control Panels** *(28 46 13 31-0308)*		
28 46 13 31-0310	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G)	3,905.05	605.76
28 46 13 31-0311	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD)	4,177.32	605.76
28 46 13 31-0312	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, English (EST3 iO64G)	3,117.31	484.60
28 46 13 31-0313	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD)	3,243.62	484.60
28 46 13 31-0314		**Option Modules And Accessories For iO Series** *(28 46 13 31-0308)*		
28 46 13 31-0315	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1)	371.55	45.43
28 46 13 31-0316	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2)	231.20	45.43
28 46 13 31-0317	EA	Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232)	231.20	45.43
28 46 13 31-0318	EA	Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA)	200.91	30.29
28 46 13 31-0319	EA	Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT)	413.35	24.23
28 46 13 31-0320	EA	Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH)	750.18	24.23
28 46 13 31-0321	EA	Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1)	89.23	15.15
28 46 13 31-0322	EA	Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2)	103.27	15.15
28 46 13 31-0323	EA	Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250)	1,384.25	60.57
28 46 13 31-0324		**Remote Annunciators For iO Series** *(28 46 13 31-0308)*		
28 46 13 31-0325	EA	Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD)	757.48	45.43
28 46 13 31-0326	EA	Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C)	792.58	45.43
28 46 13 31-0327		**Remote Annunciator Accessories** *(28 46 13 31-0308)*		
28 46 13 31-0328	EA	24 Expander Cable Assembly, With Cable And Hardware (EST3 730073)	86.43	15.15
28 46 13 31-0329	EA	12 Expander Cable (Cable Only) (EST3 7120313-01)	58.36	15.15
28 46 13 31-0330	EA	24 Expander Cable (Cable Only) (EST3 7120313-02)	79.40	15.15
28 46 13 31-0331	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC1)	231.20	45.43
28 46 13 31-0332	EA	Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC2)	266.28	45.43
28 46 13 31-0333	EA	Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC3)	301.38	45.43
28 46 13 31-0334	EA	Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC)	58.36	15.15
28 46 13 31-0335	EA	Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC)	58.36	15.15
28 46 13 31-0336	EA	Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY)	119.68	15.15
28 46 13 31-0337		**System Accessories** *(28 46 13 31-0308)*		
28 46 13 31-0338	EA	Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Amp Hours Batteries, Will Hold Up To Two 12 Volt DC, 24 Ampere Batteries (EST3 BC-1)	424.57	60.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0339	EA	Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A)	1,926.92	484.60
28 46 13 31-0340		**Conventional Initiating Devices** *(28 46 13 31-0002)*		
28 46 13 31-0341		**Detectors, Heat, Double Pole** *(28 46 13 31-0340)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 13 31-0342	EA	Heat Detector, 135 Degree F Fixed Temperature (CF135-2)	166.49	45.43
28 46 13 31-0343	EA	Heat Detector, 200 Degree F Fixed Temperature (CF200-2)	166.49	45.43
28 46 13 31-0344	EA	Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2)	166.49	45.43
28 46 13 31-0345	EA	Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2)	166.49	45.43
28 46 13 31-0346		**Detectors, Rate Compensation Heat, Accessories** *(28 46 13 31-0340)*		
28 46 13 31-0347	EA	Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P)	101.58	45.43
28 46 13 31-0348	EA	Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11)	277.88	24.23
28 46 13 31-0349	EA	4" Weatherproof, Octagon Backbox And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27)	87.92	30.29
28 46 13 31-0350		**Detectors, Heat, Fire-Lite** *(28 46 13 31-0340)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 13 31-0351	EA	Explosion Heat Detector, 135 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-135)	155.69	45.43
28 46 13 31-0352	EA	Explosion Heat Detector, 194 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-194)	155.69	45.43
28 46 13 31-0353		**Audio Notification Systems (Standalone Voice Evacuation)** *(28 46 13 31-0002)*		
28 46 13 31-0354		**Audio Notification Panels** *(28 46 13 31-0353)*		
28 46 13 31-0355	EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG)	5,379.72	605.76
28 46 13 31-0356	EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR)	5,379.72	605.76
28 46 13 31-0357	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG)	4,018.39	605.76
28 46 13 31-0358	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR)	4,018.39	605.76
28 46 13 31-0359	EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG)	4,692.03	605.76
28 46 13 31-0360	EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR)	4,692.03	605.76
28 46 13 31-0361		**Audio Notification Expander Panels** *(28 46 13 31-0353)*		
28 46 13 31-0362	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG)	4,130.66	605.76
28 46 13 31-0363	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR)	4,130.66	605.76
28 46 13 31-0364	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG)	2,811.43	605.76
28 46 13 31-0365	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR)	2,811.43	605.76
28 46 13 31-0366	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG)	3,583.32	605.76
28 46 13 31-0367	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR)	3,583.32	605.76
28 46 13 31-0368		**Audio Notification Output Accessories** *(28 46 13 31-0353)*		
28 46 13 31-0369	EA	Zone Adapter, 1 Circuit To 2 Circuit's (GE ANSZC2B)	156.60	15.15
28 46 13 31-0370	EA	Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A)	692.12	30.29
28 46 13 31-0371	EA	Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B)	692.12	30.29
28 46 13 31-0372	EA	Class A Converter (GE ANSZSC4A)	495.64	30.29
28 46 13 31-0373		**Audio Notification Remote Microphone** *(28 46 13 31-0353)*		
28 46 13 31-0374	EA	Microphone (GE ANSMIKE)	186.88	30.29
28 46 13 31-0375	EA	Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMG)	762.29	30.29
28 46 13 31-0376	EA	Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMR)	762.29	30.29
28 46 13 31-0377	EA	Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP)	170.63	15.15
28 46 13 31-0378	EA	Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR)	93.43	15.15
28 46 13 31-0379		**Audio Notification Accessories** *(28 46 13 31-0353)*		
28 46 13 31-0380	EA	Audio Matching - Line Input/Output Card (GE ANSAUX)	313.19	30.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0381	EA	Class B Backup Amplifier Switching Module (GE ANSBKUP)	313.19	30.29
28 46 13 31-0382	EA	Class A Backup Amplifier Switching Module (GE ANSBKUPA)	313.19	30.29
28 46 13 31-0383	EA	Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANSRSI8)	692.12	30.29
28 46 13 31-0384		Audio Notification Modules, Without Cabinet And Transformer *(28 46 13 31-0353)*		
28 46 13 31-0385	EA	100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A) Note: Excludes cabinet.	2,521.04	60.57
28 46 13 31-0386	EA	100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM) Note: Excludes cabinet.	2,647.35	60.57
28 46 13 31-0387	EA	100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD) Note: Excludes cabinet.	3,657.82	60.57
28 46 13 31-0388	EA	25 Watt Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A) Note: Excludes cabinet.	1,384.25	60.57
28 46 13 31-0389	EA	25 Watt Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM) Note: Excludes cabinet.	1,384.25	60.57
28 46 13 31-0390	EA	25 Watt Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD)	2,521.04	60.57
28 46 13 31-0391	EA	50W Expander Module (No Microphone Or DMR) (GE ANS50A) Note: Excludes cabinet.	2,015.80	60.57
28 46 13 31-0392	EA	50W Expander Module With Microphone (No DMR) (GE ANS50AM) Note: Excludes cabinet.	2,142.11	60.57
28 46 13 31-0393	EA	50W Audio Notification Module With DMR And Microphone (GE ANS50AMD) Note: Excludes cabinet.	3,152.58	60.57
28 46 13 31-0394	EA	Power Transformer, Open Frame, 28 Volt AC At 180 VA (EVAX 50/100) (GE ANST28180)	156.60	15.15
28 46 13 31-0395	EA	Power Transformer, Open Frame, 28 Volt AC At 100 VA (EVAX 25) (GE ANST2885)	115.96	15.15
28 46 13 31-0396		Simplex Fire Alarm *(28 46 13 31)*		
28 46 13 31-0397		4100 Fire Alarm Control Panel *(28 46 13 31-0396)*		
28 46 13 31-0398	EA	4100U Master Controller Assembly With LCD And Operator Interface, 9 Amperes System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACS, Auxiliary Relay And External RUI Communications Interface, 120 Volt AC Input (Simplex 4100-9111)	6,673.85	604.77
28 46 13 31-0399	EA	4100ES NDU With Master Controller, LCD And Operator Interface, Network Interface Module (Select Media Card Separately), 9 Amperes System Power Supply/Battery Charger, And External RUI Communications Interface (Power Supply/Battery Charger Is An SPS With Its IDNet Channel And NACs Disabled), 120 Volt AC Input (Simplex 4100-9141)	7,283.35	604.77
28 46 13 31-0400	EA	4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACs Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142)	10,475.56	604.77
28 46 13 31-0401	EA	Up To 127 Points, IDNet Module, (Simplex 4100-3104) Note: Add-on module.	4,278.67	604.77
28 46 13 31-0402	EA	Up To 64 Points, IDNet Module, (Simplex 4100-3105) Note: Add-on module.	3,349.17	604.77
28 46 13 31-0403	EA	Expansion Power Supply, 3 NACs, 120 Volt AC (Simplex 4100-5101) Note: Add-on module.	2,126.47	151.19
28 46 13 31-0404	EA	Alarm Relay, 3 Form C Relays, 2 Amperes At 32 Volt DC, For SPS Or RPS (Simplex 4100-6033) Note: Add-on module.	444.82	30.24
28 46 13 31-0405	EA	Dual Port RS-232 Interface Card (Simplex 4100-6038) Note: Add-on module.	1,276.54	30.24
28 46 13 31-0406		4100U Backbox *(28 46 13 31-0396)*		
28 46 13 31-0407	EA	2 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9425) Note: 24" x 40" beige backbox.	2,214.05	120.96
28 46 13 31-0408	EA	3 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9443) Note: 24" x 56" beige backbox.	3,118.34	120.96
28 46 13 31-0409		DACT (Digital Alarm Communicator Transmitter) *(28 46 13 31-0396)*		
28 46 13 31-0410	EA	6 Zone Fire Control Communicator (Silent Knight SK-5104)	1,212.26	60.47
28 46 13 31-0411		4010 Fire Alarm Control Panel *(28 46 13 31-0396)*		
28 46 13 31-0412	EA	120 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, External N2 Communications Interface, And Internal Common Event Reporting DACT (Simplex 4010-9101)	6,300.26	604.77
28 46 13 31-0413	EA	240 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, And External N2 Communications Interface (Simplex 4010-9201)	6,114.94	604.77
28 46 13 31-0414	EA	Dual Circuit Class A NAC Adapter Module (Simplex 4010-9806)	228.77	30.24
28 46 13 31-0415	EA	Dual RS-232 Interface Module Expansion Slot Option (Simplex 4010-9811)	994.34	30.24
28 46 13 31-0416	EA	Single RS-232 Interface Module With Service Modem Connection Expansion Slot Option (Simplex 4010-9812)	1,367.23	30.24
28 46 13 31-0417	EA	120 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9813)	702.31	30.24
28 46 13 31-0418	EA	240 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9823)	760.03	30.24
28 46 13 31-0419	EA	Battery Meter Module Expansion Module (Simplex 4010-9820)	284.86	30.24

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0420		**Printer** *(28 46 13 31-0396)*		
28 46 13 31-0421	EA	24 Pin Dot Matrix Printer (Simplex 4190-9013)	2,202.19	30.24
28 46 13 31-0422		**NAC Panel / Power Booster** *(28 46 13 31-0396)*		
28 46 13 31-0423	EA	120 Volt AC, IDNet NAC Extender With 4, Class B (Style Y) NACs And 8 Amperes Power Supply (Simplex 4009-9201) Note: Power supply for horns and strobes.	1,422.27	151.19
28 46 13 31-0424		**Battery** *(28 46 13 31-0396)*		
28 46 13 31-0425	EA	50 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9296) Note: Two required for 24 volt DC.	890.28	30.24
28 46 13 31-0426	EA	33 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9276) Note: Two required for 24 volt DC.	591.25	30.24
28 46 13 31-0427	EA	6.2 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9272) Note: Two required for 24 volt DC.	212.48	30.24
28 46 13 31-0428		**Interface Modules** *(28 46 13 31-0396)*		
28 46 13 31-0429	EA	Supervised Individual Addressable Modules (Simplex 4090-9001) Note: Monitor modules for waterflow / tamper, etc.	171.39	30.24
28 46 13 31-0430	EA	Relay Individual Addressable Modules (Simplex 4090-9002) Note: Control modules for gas shutdown, door holders, etc.	355.97	30.24
28 46 13 31-0431	EA	Relay SPDT With LED MR-801/T (Simplex 2088-9032) Note: Interface relay for 120VAC	84.43	30.24
28 46 13 31-0432	EA	SmartSync™ Adapter Module For Non-Addressable Notification Appliance Circuits (NACs) (Simplex 4905-9815)	173.42	30.24
28 46 13 31-0433	EA	Surface Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9817)	77.13	15.12
28 46 13 31-0434	EA	Flush Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9818)	73.23	15.12
28 46 13 31-0435		**Pull Stations** *(28 46 13 31-0396)*		
28 46 13 31-0436	EA	Addressable Single Action Manual Pull Station (Simplex 4099-9001)	210.98	30.24
28 46 13 31-0437	EA	N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9101)	150.37	30.24
28 46 13 31-0438	EA	N.C. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9102)	162.08	30.24
28 46 13 31-0439	EA	Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9103)	145.09	30.24
28 46 13 31-0440	EA	N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9104)	169.91	30.24
28 46 13 31-0441	EA	N.C. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9105)	259.09	30.24
28 46 13 31-0442	EA	Single Action, Pre-Signal, N.O. Contacts, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9107)	216.80	30.24
28 46 13 31-0443	EA	Break-Glass, Pre-Signal, N.O. Contacts, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9108)	255.88	30.24
28 46 13 31-0444	EA	Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9754)	117.80	30.24
28 46 13 31-0445	EA	Local Alarm Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9755)	124.95	30.24
28 46 13 31-0446	EA	Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9756)	147.98	30.24
28 46 13 31-0447	EA	N.C. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9758)	231.70	30.24
28 46 13 31-0448	EA	Pre-Signal, N.O. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9759)	402.90	30.24
28 46 13 31-0449	EA	Institutional Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9762)	130.83	30.24
28 46 13 31-0450	EA	Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178)	81.06	15.12
28 46 13 31-0451		**Weatherproof Pull Stations** *(28 46 13 31-0396)*		
28 46 13 31-0452	EA	Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138)	205.47	36.29
28 46 13 31-0453	EA	Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211)	132.98	15.12
28 46 13 31-0454		**Heat / Smoke Sensor** *(28 46 13 31-0396)*		
28 46 13 31-0455	EA	32 To 122 Degree F Heat Sensor (Simplex 4098-9733)	205.84	45.36
28 46 13 31-0456	EA	Photoelectric Smoke Sensor (Simplex 4098-9714)	301.78	45.36
28 46 13 31-0457	EA	Sensor Base With Relay Driver (Simplex 4098-9791)	594.92	15.12
28 46 13 31-0458	EA	Standard Sensor Base (Simplex 4098-9792)	301.64	15.12
28 46 13 31-0459	EA	Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737) Note: Relay for 4098-9791	172.11	30.24
28 46 13 31-0460		**Explosion Proof Heat Detector** *(28 46 13 31-0396)*		
28 46 13 31-0461	EA	135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488)	218.11	45.36
28 46 13 31-0462	EA	Explosion Proof Backbox (Killark JLX-21)	143.60	15.12
28 46 13 31-0463	EA	Explosion Proof Backbox Plugs (Killark CUP-2)	12.96	3.03
28 46 13 31-0464		**Weatherproof Heat Detector** *(28 46 13 31-0396)*		
28 46 13 31-0465	EA	194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490)	156.46	45.36
28 46 13 31-0466		**200 Degree F Heat Detector** *(28 46 13 31-0396)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0467	EA	194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604) Note: Used in kiln rooms and kitchens.	128.91	45.36
28 46 13 31-0468		**Duct Smoke Sensor** *(28 46 13 31-0396)*		
28 46 13 31-0469	EA	Duct Sensor Housing (Simplex 4098-9755)	479.93	24.19
28 46 13 31-0470	EA	Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756) Note: Relay output for AHU shutdown.	645.24	54.43
28 46 13 31-0471	EA	46" To 71" Duct Sampling Tube (Simplex 2098-9798) Note: 25", 49", 73" or 97" sampling tube length.	71.01	15.12
28 46 13 31-0472	EA	Remote Duct Test Station With Key Switch And Red LED Status Indicator (Simplex 2098-9806)	168.09	45.36
28 46 13 31-0473		**Interior Horn** *(28 46 13 31-0396)*		
28 46 13 31-0474	EA	Red With White FIRE Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9850)	155.27	45.36
28 46 13 31-0475	EA	White With Red FIRE Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9853)	155.27	45.36
28 46 13 31-0476		**Interior Horn Strobe** *(28 46 13 31-0396)*		
28 46 13 31-0477	EA	75Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9426)	216.24	45.36
28 46 13 31-0478	EA	110Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9427)	216.24	45.36
28 46 13 31-0479	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9127)	202.33	45.36
28 46 13 31-0480	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9128)	202.33	45.36
28 46 13 31-0481	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129)	202.33	45.36
28 46 13 31-0482	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9130)	202.33	45.36
28 46 13 31-0483	EA	Weatherproof, Red Housing, White Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9131)	206.99	45.36
28 46 13 31-0484	EA	Weatherproof, White Housing, Red Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9132)	206.99	45.36
28 46 13 31-0485	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9139)	215.19	45.36
28 46 13 31-0486	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9140)	211.41	45.36
28 46 13 31-0487	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9141)	215.19	45.36
28 46 13 31-0488	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9142)	211.41	45.36
28 46 13 31-0489	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9227)	202.33	45.36
28 46 13 31-0490	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9228)	202.33	45.36
28 46 13 31-0491	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9229)	202.33	45.36
28 46 13 31-0492	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9230)	202.33	45.36
28 46 13 31-0493		**Interior Strobe** *(28 46 13 31-0396)*		
28 46 13 31-0494	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9101)	172.78	45.36
28 46 13 31-0495	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9102)	172.78	45.36
28 46 13 31-0496	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9103)	172.72	45.36
28 46 13 31-0497	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9104)	172.78	45.36
28 46 13 31-0498	EA	Weatherproof, Red Housing, White Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9105)	190.45	45.36
28 46 13 31-0499	EA	Weatherproof, White Housing, Red Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9106)	190.45	45.36
28 46 13 31-0500	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9109)	191.58	45.36
28 46 13 31-0501	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9110)	194.66	45.36
28 46 13 31-0502	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9111)	194.66	45.36
28 46 13 31-0503	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9112)	194.66	45.36
28 46 13 31-0504	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9201)	172.78	45.36
28 46 13 31-0505	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9202)	172.78	45.36
28 46 13 31-0506	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9203)	172.78	45.36
28 46 13 31-0507	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9204)	172.78	45.36

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0508		**Interior Speakers** *(28 46 13 31-0396)*		
28 46 13 31-0509	EA	Red With White FIRE Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9716)	140.31	45.36
28 46 13 31-0510	EA	White With Red FIRE Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9717)	140.31	45.36
28 46 13 31-0511	EA	Ceiling Or Wall Mount, Round Housing Speaker (Simplex 4902-9721)	140.31	45.36
28 46 13 31-0512		**Interior Speaker Strobe** *(28 46 13 31-0396)*		
28 46 13 31-0513	EA	Red Housing, White Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9151)	230.00	45.36
28 46 13 31-0514	EA	White Housing, Red Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9153)	230.00	45.36
28 46 13 31-0515		**Surge Suppressors** *(28 46 13 31-0396)*		
28 46 13 31-0516	EA	Overvoltage Suppressor (Simplex 2081-9044)	149.71	9.07
28 46 13 31-0517	EA	Isolated Loop Circuit Protector (Simplex 2081-9028)	95.56	9.07
28 46 13 31-0518	EA	120 Volt AC, 20 Amperes, Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A)	321.28	9.07
28 46 13 31-0519	EA	24 Volt AC, Data And Loop Circuit Surge Protector (Ditek DTK-2MHLP24B)	109.52	9.07
28 46 13 31-0520	EA	Mounting Base For Two DTK-2MHLP (Ditek DTK-2MB)	164.97	15.12
28 46 13 31-0521	EA	120 Volt AC, 22,500 Amperes, Equipment Panel/Dedicated Circuit Surge Protector (Ditek DTK-120HW)	112.29	9.07
28 46 13 31-0522	EA	<105 Volt AC, 9,000 Amperes, RJ31 Connection, Alarm Dialer Surge Protection (Ditek DTK-MRJ31SCWP)	84.38	9.07
28 46 13 31-0523		**Boxes And Adapters** *(28 46 13 31-0396)*		
28 46 13 31-0524	EA	Semi-Flush Mount Modular Adapter Using Standard 4" Square Electrical Box (Simplex 4905-9921)	73.23	15.12
28 46 13 31-0525	EA	Surface Mount Modular Adapter Using Simplex Box (Simplex 4905-9925)	69.32	15.12
28 46 13 31-0526	EA	Red, Surface Mount Adapter Skirt (Simplex 4905-9937)	61.66	15.12
28 46 13 31-0527	EA	White, Surface Mount Adapter Skirt (Simplex 4905-9940)	50.79	15.12
28 46 13 31-0528		**Accessories** *(28 46 13 31-0396)*		
28 46 13 31-0529	EA	End-Of-Line Resistor Harness, 10 k Ohms, 1/2 Watt, Two Required, One Each For Audible And Visible Output (Simplex 4081-9008)	34.78	15.12
28 46 13 31-0530		**Additional Simplex And STI Fire Alarm Devices** *(28 46 13 31-0396)*		
28 46 13 31-0531	EA	Audible/Visible Notification Appliances, Wall Mount Multi-Candela Horn/Strobe, Red (Simplex 49AV-WRF)	377.13	45.36
28 46 13 31-0532	EA	Single Action Addressable Manual Pull Station - LED (Simplex 4099-9004)	234.06	30.24
28 46 13 31-0533	EA	Test Station With Keyswitch And Red LED Alarm Indicator (Simplex 4098-9834)	175.97	45.36
28 46 13 31-0534	EA	Duct Weatherproof Enclosure (Simplex 4098-9845)	1,063.60	54.43
28 46 13 31-0535	EA	Sampling Tube 49", Plastic (Simplex 4098-9856)	91.00	15.12
28 46 13 31-0536	EA	IDNAC Repeater Platinum (Simplex 4009-9601)	2,860.85	140.55
28 46 13 31-0537	EA	50 Amp Hours, Battery Cabinet, Red (Simplex 2081-9282)	6,028.89	402.77
28 46 13 31-0538	EA	10 Amp Hours, 12 Volt Battery (Simplex 2081-9274)	109.53	30.24
28 46 13 31-0539	EA	MR201/C Relay, DPDT With LED (Simplex 2088-9010)	83.78	24.19
28 46 13 31-0540	EA	Visible Notification Appliances, Wall Mount Multi-Candela Strobes, Red (Simplex 49VO-WRF)	220.90	45.36
28 46 13 31-0541	EA	SSD Adapter Plate (Simplex 4098-9832)	56.28	15.12
28 46 13 31-0542	EA	Backbox/A-V Device, Red (Simplex 2975-9145)	242.47	60.47
28 46 13 31-0543	EA	8-5/16" x 5-3/4" Backbox Adapter Plate, Red (Simplex 4905-9931)	111.71	24.19
28 46 13 31-0544	EA	6-1/16" H x 6-1/16" W x 3-1/8" D, Wire Guard for Wall Mount TrueAlert V/O or A/V, Includes Mounting Plate, Red (Simplex 4905-9961)	71.01	18.14
28 46 13 31-0545	EA	Backbox Manual Station (Simplex 2975-9022)	328.35	60.47
28 46 13 31-0546	EA	Master Controller With InfoAlarm Command Center, 120 VAC, 60 HZ (Simplex 4100-9114)	9,598.69	604.77
28 46 13 31-0547	EA	Remote Fire Alarm LCD Annunciator (Simplex 4603-9101)	1,653.02	45.36
28 46 13 31-0548	EA	Double Action, Addressable Manual Stations, Red Housing with White Letters and White Pull Lever (Simplex 4099-9005)	251.42	30.24
28 46 13 31-0549	EA	Addressable Manual Stations, Red Housing with White Letters and White Pull Lever (Simplex 4099-9002)	381.61	30.24
28 46 13 31-0550		**Siemens Fire Alarm** *(28 46 13 31)*		
28 46 13 31-0551		**Conventional Control Panels** *(28 46 13 31-0550)*		
28 46 13 31-0552		**SXL Batteries And Power Supplies** *(28 46 13 31-0551)*		
28 46 13 31-0553	EA	6 Amperes Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3)	1,266.16	60.47
28 46 13 31-0554	EA	Main Board Only For PAD-3 (Siemens PAD-3-MB)	1,019.16	60.47
28 46 13 31-0555		**Digital Fire Communicators** *(28 46 13 31-0551)*		
28 46 13 31-0556	EA	Four Channel Digital Slave Fire Communicator (Siemens 5129)	986.60	60.47
28 46 13 31-0557		**Addressable Control Panels** *(28 46 13 31-0550)*		
28 46 13 31-0558		**Fireseeker Equipment** *(28 46 13 31-0557)*		
28 46 13 31-0559		**FS-250 System Panels** *(28 46 13 31-0558)*		
28 46 13 31-0560	EA	FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer.	3,023.89	604.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0561	EA	FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	3,778.38	604.77
28 46 13 31-0562	EA	FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT) Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	2,247.56	483.81
28 46 13 31-0563	EA	Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON)	3,028.39	604.77
28 46 13 31-0564		**FS-250 Optional Modules** *(28 46 13 31-0558)*		
28 46 13 31-0565	EA	Main Board Module (Siemens FS-MB2)	1,275.15	60.47
28 46 13 31-0566	EA	Display Board Module (Siemens FS-DB2)	994.60	30.24
28 46 13 31-0567	EA	Device Loop Card (Siemens FS-DLC)	814.96	30.24
28 46 13 31-0568	EA	Releasing Module (Siemens FS-REL)	361.37	30.24
28 46 13 31-0569	EA	Remote LCD Annunciator (Siemens FS-RD2)	809.34	30.24
28 46 13 31-0570	EA	Relay Processor Card (Siemens FS-RU2)	702.68	30.24
28 46 13 31-0571	EA	Relay Expander Board (Siemens FS-RE8)	599.39	30.24
28 46 13 31-0572	EA	Serial Annunciator Processor Card (Siemens FS-SAU2)	809.34	30.24
28 46 13 31-0573	EA	16 Output Annunciator Extender (Siemens FS-SAE16)	630.83	30.24
28 46 13 31-0574	EA	Digital Alarm Communication Transmitter (Siemens FS-DACT)	573.57	30.24
28 46 13 31-0575	EA	Municipal Tie Module (Siemens FS-MT)	487.11	30.24
28 46 13 31-0576	EA	Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2)	443.19	
28 46 13 31-0577	EA	Programming Cable Kit (Siemens CBL-UD)	116.69	15.12
28 46 13 31-0578	EA	Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE)	209.80	30.24
28 46 13 31-0579	EA	Releasing Power Transformer (Siemens FS-RPT-A)	213.16	30.24
28 46 13 31-0580	EA	Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB)	241.49	24.19
28 46 13 31-0581	EA	Cabinet Trim Kit (Siemens RD-CAB-TK)	394.01	15.12
28 46 13 31-0582		**Firefinder Systems** *(28 46 13 31-0557)*		
28 46 13 31-0583		**XLS Basic Fire System Packages Without Backbox** *(28 46 13 31-0582)*		
28 46 13 31-0584	EA	500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	10,674.64	604.77
28 46 13 31-0585	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	9,392.46	604.77
28 46 13 31-0586	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	9,392.46	604.77
28 46 13 31-0587	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a two row inner and outer door set. OD-LP is an outer door clear plastic lens plate.	15,765.19	604.77
28 46 13 31-0588	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate.	16,297.37	604.77
28 46 13 31-0589	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	9,263.34	604.77
28 46 13 31-0590	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	9,263.34	604.77
28 46 13 31-0591	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	10,763.34	604.77
28 46 13 31-0592		**Firefinder - XLS Basic System Equipment** *(28 46 13 31-0582)*		
28 46 13 31-0593	EA	Person Machine Interface With Central Processor (Siemens PMI) Note: Includes inner door.	4,951.66	604.77
28 46 13 31-0594	EA	Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC) Note: Includes inner door.	8,264.89	604.77
28 46 13 31-0595	EA	Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT) Note: Includes inner door.	4,951.66	604.77
28 46 13 31-0596	EA	Two Slot Card Cage (Siemens CC-2)	617.35	30.24
28 46 13 31-0597	EA	Five Slot Card Cage (Siemens CC-5)	1,045.12	30.24
28 46 13 31-0598	EA	Four Circuit Zone Indicating Card (Siemens ZIC-4A)	1,494.22	30.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0599	EA	Eight Circuit Zone Indicating Card (Siemens ZIC-8B)	1,560.46	30.24
28 46 13 31-0600	EA	Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C)	491.61	30.24
28 46 13 31-0601	EA	Device Loop Card (Siemens DLC) Note: Interfaces with up to 252 detectors and devices.	1,771.54	30.24
28 46 13 31-0602	EA	Controllable Relay Card (Siemens CRC-6) Note: Provides six programmable relays.	1,002.46	30.24
28 46 13 31-0603	EA	12 Amperes Power Supply Charger Module (Siemens PSC-12)	3,802.60	30.24
28 46 13 31-0604	EA	Person Machine Interface With Central Processor And GPMI-UK Software Upgrade Kit (Siemens GPMI) Note: Software kit provides interface with multiple FireFinder XLS and MXL systems.	6,449.40	604.77
28 46 13 31-0605	EA	Network Interface Card (Siemens NIC-C) Note: Provides HNET Or XNET communication between enclosures.	1,173.12	30.24
28 46 13 31-0606	EA	12 Amperes Power Supply Extender (Siemens PSX-12) Note: Extends PSC-12 with an additional 24 volt DC.	3,162.63	30.24
28 46 13 31-0607	EA	Power Termination Board (Siemens PTB) Note: Used with systems requiring more than one PSX-12.	532.03	30.24
28 46 13 31-0608	EA	Conventional Detector Card (Siemens CDC-4)	1,130.45	30.24
28 46 13 31-0609	EA	Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS)	2,216.15	30.24
28 46 13 31-0610	EA	Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS)	7,973.61	30.24
28 46 13 31-0611		**Remote Lobby Enclosure** *(28 46 13 31-0582)*		
28 46 13 31-0612	EA	14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2) Note: Flush mounted. Includes clear lens plate on cover.	1,462.34	120.96
28 46 13 31-0613	EA	24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4) Note: Flush mounted. Includes clear lens plate on cover.	1,888.98	120.96
28 46 13 31-0614	EA	Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP) Note: Required to mount up to four SIM-16 or OCM-16 modules.	232.25	30.24
28 46 13 31-0615	EA	Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP) Note: Required to mount up to eight SIM-16 or OCM-16 modules.	253.58	30.24
28 46 13 31-0616		**Battery Enclosures** *(28 46 13 31-0582)*		
28 46 13 31-0617	EA	Enclosure For 100 Ampere Hours Batteries (Siemens CAB-BATT)	905.46	120.96
28 46 13 31-0618		**Graphic Annunciator Output Drivers And Inputs** *(28 46 13 31-0582)*		
28 46 13 31-0619	EA	Output Control Module (Siemens OCM-16)	724.02	30.24
28 46 13 31-0620	EA	Supervised Input Module (Siemens SIM-16)	724.02	30.24
28 46 13 31-0621		**Remote LCD Displays** *(28 46 13 31-0582)*		
28 46 13 31-0622	EA	Remote LED/LCD System Status Display (Siemens SSD) Note: No control or menu capability.	1,678.06	90.71
28 46 13 31-0623	EA	Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C)	1,892.50	90.71
28 46 13 31-0624		**Voice Equipment** *(28 46 13 31-0582)*		
28 46 13 31-0625	EA	40 Watts Zone Amplifier Card (Siemens ZAC-40)	1,668.25	30.24
28 46 13 31-0626	EA	180 Watts Zone Amplifier Module (Siemens ZAM-180)	3,697.06	30.24
28 46 13 31-0627	EA	Live Voice Module (Siemens LVM) Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals.	1,557.10	30.24
28 46 13 31-0628		**MXL Series Equipment** *(28 46 13 31-0557)*		
28 46 13 31-0629		**MXL Optional Equipment** *(28 46 13 31-0628)*		
28 46 13 31-0630	EA	Two Circuit Analog Loop Driver (Siemens ALD-2I)	1,796.10	60.47
28 46 13 31-0631	EA	CXL/MXL Interface Module (Siemens CMI-300)	4,641.29	30.24
28 46 13 31-0632	EA	Four Relay Programmable Relay Module (Siemens CRM-4)	796.99	30.24
28 46 13 31-0633	EA	Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4)	962.04	30.24
28 46 13 31-0634	EA	Remote Conventional Zone Module (Siemens CZM-1B6)	362.49	30.24
28 46 13 31-0635	EA	Short Circuit Line Isolator Module (Siemens Model LIM-1)	224.39	30.24
28 46 13 31-0636	EA	Four Circuit Conventional Zone Module (Siemens CZM-4)	936.21	30.24
28 46 13 31-0637	EA	12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD)	337.71	45.36
28 46 13 31-0638	EA	Lexan Window For RCC (Siemens GENBOX-WD)	229.14	24.19
28 46 13 31-0639	EA	Input Driver Module (Siemens MID-16)	613.99	30.24
28 46 13 31-0640	EA	Programmable Output Driver Module (Siemens MOD-16)	613.99	30.24
28 46 13 31-0641	EA	MXL Output/Input Module (Siemens MOI-7)	982.25	30.24
28 46 13 31-0642	EA	Two Slot Network Option Module Card Cage (Siemens MOM-2)	523.04	30.24
28 46 13 31-0643	EA	Four Slot Network Option Module Card Cage (Siemens MOM-4)	822.82	30.24
28 46 13 31-0644	EA	12 Amperes, 220 Volt AC, Power Supply For MXL (Siemens MPS-12/220)	2,023.86	90.71
28 46 13 31-0645	EA	12 Amperes, 240 Volt AC, Power Supply For MXL (Siemens MPS-12/240)	2,023.86	90.71
28 46 13 31-0646	EA	Network Interface Module (Siemens NIM-1W)	1,465.03	30.24
28 46 13 31-0647	EA	U.L. Listed Parallel Printer (Siemens PAL-1)	3,834.71	120.96
28 46 13 31-0648	EA	Peripheral Interface Module, Model PIM-1 (Siemens 500-691324)	429.85	30.24
28 46 13 31-0649	EA	Surface Mounted Remote Command Center (Siemens RCC-1)	4,201.66	604.77
28 46 13 31-0650	EA	Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL)	517.29	60.47
28 46 13 31-0651	EA	Flush Mounted Remote Command Center (Siemens RCC-1F)	4,201.66	604.77
28 46 13 31-0652	EA	Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL)	530.76	60.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0653	EA	Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2)	3,230.48	604.77
28 46 13 31-0654	EA	MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3)	4,834.89	604.77
28 46 13 31-0655	EA	RCC-2/RSE-1 Trim Ring (Siemens RCF-1)	80.76	15.12
28 46 13 31-0656	EA	Remote Diagnostics Module For MXL (Siemens RDM-MXL)	5,959.26	60.47
28 46 13 31-0657	EA	Remote Diagnostics Module For PC (Siemens RDM-PC)	12,692.39	60.47
28 46 13 31-0658	EA	Releasing End Of Line Module (Siemens REL-EOL)	182.85	30.24
28 46 13 31-0659	EA	36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC)	3,800.21	60.47
28 46 13 31-0660	EA	36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL)	3,628.43	60.47
28 46 13 31-0661	EA	8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1)	1,927.16	120.96
28 46 13 31-0662		Complete MXL And MXLV System Packages Without Enclosure *(28 46 13 31-0628)*		
28 46 13 31-0663	EA	MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB-2, One Mps-6, One MOM-2, One ALD-2I And One PIM-1 (Siemens MXL-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-2I is a two circuit analog loop driver. PIM-1 is a peripheral interface module.	13,925.00	604.77
28 46 13 31-0664	EA	MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM-2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay.	18,133.07	604.77
28 46 13 31-0665	EA	MXLV Demonstration Panel (Siemens MXLV DEMO)	37,785.68	604.77
28 46 13 31-0666		MXL Basic System *(28 46 13 31-0628)*		
28 46 13 31-0667	EA	MXL/MXLV Main Control Board (Siemens MMB-3)	8,630.11	604.77
28 46 13 31-0668	EA	MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL) Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit.	11,143.95	604.77
28 46 13 31-0669	EA	MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2)	3,205.15	60.47
28 46 13 31-0670	EA	MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5)	4,015.78	60.47
28 46 13 31-0671	EA	6 Amperes Power Supply For MXL (Siemens MPS-6)	1,394.00	90.71
28 46 13 31-0672	EA	220/240 Volt AC Adapter Cable (Siemens CIA-12)	103.22	15.12
28 46 13 31-0673		MXL/MXLR System Expansion Accessories *(28 46 13 31-0628)*		
28 46 13 31-0674	EA	MXL Remote Power Supply Module (Siemens PSR-1)	1,711.74	90.71
28 46 13 31-0675	EA	Style 4 Communication Module (Siemens NET-4)	351.26	30.24
28 46 13 31-0676	EA	Style 7 Communication Module (Siemens NET-7)	639.81	30.24
28 46 13 31-0677	EA	MXL/MXL-IQ/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6)	383.82	30.24
28 46 13 31-0678		Peripheral Devices *(28 46 13 31-0557)*		
28 46 13 31-0679		Thermal Detectors *(28 46 13 31-0678)*		
28 46 13 31-0680	EA	Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R)	145.72	45.36
28 46 13 31-0681	EA	Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R)	145.72	45.36
28 46 13 31-0682	EA	135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F)	145.72	45.36
28 46 13 31-0683	EA	200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F)	145.72	45.36
28 46 13 31-0684	EA	Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP)	229.93	45.36
28 46 13 31-0685	EA	Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP)	229.93	45.36
28 46 13 31-0686	EA	Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP)	570.12	45.36
28 46 13 31-0687		Beam Smoke Detector *(28 46 13 31-0678)*		
28 46 13 31-0688	EA	Linear Beam Smoke Detector (Siemens PBA-1191)	2,702.51	45.36
28 46 13 31-0689	EA	Base For Linear Beam Smoke Detector (Siemens PBB-1191)	308.68	15.12
28 46 13 31-0690	EA	20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192)	312.05	15.12
28 46 13 31-0691	EA	10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193)	159.36	15.12
28 46 13 31-0692		Bases For Detectors *(28 46 13 31-0678)*		
28 46 13 31-0693	EA	Detector Base (Siemens DB-11)	47.08	15.12
28 46 13 31-0694	EA	Universal Base (Siemens DB-3S)	43.71	15.12
28 46 13 31-0695		Manual Stations *(28 46 13 31-0678)*		
28 46 13 31-0696	EA	Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP)	340.91	36.29
28 46 13 31-0697		Addressable Devices *(28 46 13 31-0557)*		
28 46 13 31-0698		Intelligent Detectors And Devices For Firefinder XLS And FS-250 *(28 46 13 31-0697)*		
28 46 13 31-0699	EA	Addressable Fireprint Fire Detector (Siemens HFP-11)	283.82	45.36
28 46 13 31-0700	EA	Addressable Thermal Fire Detector (Siemens HFPT-11)	244.53	45.36
28 46 13 31-0701	EA	Relay Base For H-Series Intelligent Detectors (Siemens DB-HR)	198.49	45.36

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0702	EA	Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC)	132.25	45.36
28 46 13 31-0703	EA	Wall Mounted Remote Alarm Indicator (Siemens RL-HW)	132.25	45.36
28 46 13 31-0704	EA	Addressable Single Action Manual Pull Station (Siemens HMS-S)	297.37	30.24
28 46 13 31-0705	EA	Addressable Double Action Manual Pull Station (Siemens HMS-D)	283.90	30.24
28 46 13 31-0706	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S)	224.39	30.24
28 46 13 31-0707	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D)	274.92	30.24
28 46 13 31-0708	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R)	274.92	30.24
28 46 13 31-0709	EA	Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M)	207.55	30.24
28 46 13 31-0710	EA	Line Isolator Module (Siemens HLIM)	214.29	30.24
28 46 13 31-0711	EA	Remote Convention Zone Module (Siemens HZM)	317.58	30.24
28 46 13 31-0712	EA	Intelligent Control Point Module (Siemens HCP)	402.91	30.24
28 46 13 31-0713	EA	Handheld Programming And Testing Unit (Siemens DPU)	1,781.73	
28 46 13 31-0714	EA	DPU Carrying Case (Siemens DPU-C1)	274.13	
28 46 13 31-0715	EA	Label Printer And Carrying Case (Siemens DPU-PRT)	3,051.48	30.24
28 46 13 31-0716		Air Duct Housings And Detectors *(28 46 13 31-0697)*		
28 46 13 31-0717	EA	Air-Duct Housing (Siemens AD2-P)	325.70	24.19
28 46 13 31-0718	EA	Air-Duct Housing With Relay (Siemens AD2-XHR)	368.36	24.19
28 46 13 31-0719	EA	Weatherproof Enclosure For Duct Housing (Siemens WP-2000)	295.12	30.24
28 46 13 31-0720	EA	6" To 1' Duct Sampling Tube (Siemens ST-10)	40.60	9.07
28 46 13 31-0721	EA	>1' To 3' Duct Sampling Tube (Siemens ST-25)	50.01	12.10
28 46 13 31-0722	EA	>3' To 5' Duct Sampling Tube (Siemens ST-50)	62.80	15.12
28 46 13 31-0723	EA	>5' To 10' Duct Sampling Tube (Siemens ST-100)	73.34	18.14
28 46 13 31-0724		Intelligent Initiating Devices For MXL, MXL-LQ And MXLV *(28 46 13 31-0697)*		
28 46 13 31-0725	EA	Addressable Fireprint Fire Detector (Siemens FP-11)	296.17	45.36
28 46 13 31-0726	EA	Addressable Thermal Fire Detector (Siemens FPT-11)	254.63	45.36
28 46 13 31-0727	EA	Intelligent Ionization Smoke Detector (Siemens ILI-1)	327.61	45.36
28 46 13 31-0728	EA	Addressable Single Action Manual Pull Station (Siemens MSI-10B)	289.51	30.24
28 46 13 31-0729	EA	Addressable Double Action Manual Pull Station (Siemens MSI-20B)	319.83	30.24
28 46 13 31-0730	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S)	292.88	30.24
28 46 13 31-0731	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D)	324.32	30.24
28 46 13 31-0732	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R)	324.32	30.24
28 46 13 31-0733		Detector Universal Bases *(28 46 13 31-0697)*		
28 46 13 31-0734	EA	Detector Base With Relay (Siemens DB-X11RS)	136.90	15.12
28 46 13 31-0735	EA	PE-11 To DB-3 Base Adapter (Siemens DB-ADPT)	69.54	15.12
28 46 13 31-0736	EA	Locking Kit (Siemens LK-11)	13.00	
28 46 13 31-0737	EA	Detector Base With Relay (Siemens DB-X3RS)	136.90	15.12
28 46 13 31-0738	EA	Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11)	159.36	15.12
28 46 13 31-0739	EA	Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX)	66.17	15.12
28 46 13 31-0740	EA	Flush Trim Ring For Bases (Siemens RA-ADB)	31.61	9.07
28 46 13 31-0741	EA	Seal For DB-11 (Siemens DB11-SEAL)	15.70	
28 46 13 31-0742	EA	Gasket For DB-11 (Siemens DB-SEAL)	17.18	
28 46 13 31-0743	EA	Detector Guard Housing (Siemens DGH-11)	200.90	15.12
28 46 13 31-0744	EA	Small Detector Base (Siemens DB-11E)	51.57	15.12
28 46 13 31-0745	EA	Audible Base For Series 3 (Siemens ADBI-60A)	179.57	15.12
28 46 13 31-0746	EA	Base Plug (Siemens DB-11-DP)	12.95	
28 46 13 31-0747		Air Duct Smoke Detectors *(28 46 13 31-0697)*		
28 46 13 31-0748	EA	Intelligent Remote Duct Relay Module (Siemens DA-X3SR)	151.41	30.24
28 46 13 31-0749	EA	Weatherproof Enclosure For Duct Housing (Siemens EAD-3)	786.89	30.24
28 46 13 31-0750		Notification Devices *(28 46 13 31-0557)*		
28 46 13 31-0751		Synchronization Control Devices *(28 46 13 31-0750)*		
28 46 13 31-0752	EA	Dual Synchronization Control Module (Siemens DSC)	224.39	30.24
28 46 13 31-0753		Stand Alone Strobes *(28 46 13 31-0750)*		
28 46 13 31-0754	EA	Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R)	186.14	45.36
28 46 13 31-0755	EA	Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R)	202.99	45.36
28 46 13 31-0756	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR)	186.14	45.36
28 46 13 31-0757	EA	Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR)	202.99	45.36
28 46 13 31-0758	EA	Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW)	202.99	45.36
28 46 13 31-0759	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW)	186.14	45.36
28 46 13 31-0760	EA	Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R)	215.34	45.36
28 46 13 31-0761	EA	Weatherproof Ceiling Mounted Strobe (Siemens ST-75-CR-WP)	206.35	45.36
28 46 13 31-0762	EA	Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP)	206.35	45.36
28 46 13 31-0763	EA	Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP)	220.95	45.36
28 46 13 31-0764	EA	Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP)	220.95	45.36
28 46 13 31-0765		Horns And Strobes *(28 46 13 31-0750)*		
28 46 13 31-0766	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R)	252.39	45.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0767	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R)	266.98	45.36
28 46 13 31-0768	EA	Wall Mounted Horn (Siemens SE-R)	145.72	45.36
28 46 13 31-0769	EA	Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR)	252.39	45.36
28 46 13 31-0770	EA	Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR)	266.98	45.36
28 46 13 31-0771	EA	Ceiling Mounted Horn (Siemens SEC-R)	152.46	45.36
28 46 13 31-0772	EA	Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R)	252.39	45.36
28 46 13 31-0773	EA	Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R)	266.98	45.36
28 46 13 31-0774	EA	Wall Mounted Low Profile Horn (Siemens SEF-R)	145.72	45.36
28 46 13 31-0775	EA	Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW)	252.39	45.36
28 46 13 31-0776	EA	Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW)	266.98	45.36
28 46 13 31-0777	EA	Ceiling Mounted Low Profile Horn (Siemens SEF-CR)	152.46	45.36
28 46 13 31-0778	EA	Mini Horn (Siemens MH-R)	121.02	45.36
28 46 13 31-0779	EA	Indoor/Outdoor Multi Tone Horn (Siemens MTH-R)	154.71	45.36
28 46 13 31-0780	EA	Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R)	237.79	45.36
28 46 13 31-0781	EA	Industrial Tri-Tone Horn (Siemens ASR)	680.15	45.36
28 46 13 31-0782	EA	Wall Mounted Horn (Siemens HS-R)	154.71	45.36
28 46 13 31-0783	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R)	238.91	45.36
28 46 13 31-0784	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R)	256.88	45.36
28 46 13 31-0785	EA	6" Motor Bell (Siemens MBDC-6)	177.16	45.36
28 46 13 31-0786	EA	10" Motor Bell (Siemens MBDC-10)	194.00	45.36

28 46 13 31-0787 Mounting Accessories *(28 46 13 31-0750)*

28 46 13 31-0788	EA	Concealed Conduit Adapter Plate (Siemens APS-R)	43.71	15.12
28 46 13 31-0789	EA	4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R)	43.71	15.12
28 46 13 31-0790	EA	4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R)	44.84	15.12
28 46 13 31-0791	EA	Red Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX)	71.78	15.12
28 46 13 31-0792	EA	White Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX-W)	57.19	15.12
28 46 13 31-0793	EA	Surface Mounted Speaker Backbox (Siemens SBBS-R)	60.55	15.12
28 46 13 31-0794	EA	Surface Mounted Speaker Backbox (Siemens SBL2S-R)	65.05	15.12
28 46 13 31-0795	EA	Square Semi-Flush Extension Ring (Siemens SERS-R)	51.57	15.12
28 46 13 31-0796	EA	Semi-Flush Plate (Siemens SFPS-R)	42.59	15.12
28 46 13 31-0797	EA	Square Surface Backbox (Siemens SHBBS-R)	51.57	15.12
28 46 13 31-0798	EA	Horn Adapter Plate (Siemens SHMPS-R)	49.33	15.12
28 46 13 31-0799	EA	Ceiling Speaker Extension Ring (Siemens SPEXT-R)	43.71	15.12
28 46 13 31-0800	EA	Wall Mounted Surface Mounted Speaker Backbox (Siemens SPSB-R)	57.19	15.12
28 46 13 31-0801	EA	Wall Mounted Surface Mounted Speaker/Strobe Backbox (Siemens SPSSB-R)	60.55	15.12
28 46 13 31-0802	EA	Weatherproof Speaker Backbox (Siemens WBBS-R)	58.31	15.12
28 46 13 31-0803	EA	Weatherproof Speaker Backbox With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B)	65.05	15.12
28 46 13 31-0804	EA	Weatherproof Flush Plate (Siemens WFPAS-R)	65.05	15.12
28 46 13 31-0805	EA	Weatherproof Horn Flush Plate (Siemens WFPS-R)	65.05	15.12
28 46 13 31-0806	EA	Weatherproof Horn Backbox (Siemens WPBBS-R)	60.55	15.12
28 46 13 31-0807	EA	Weatherproof Strobe Backbox (Siemens WPSBBS-R)	60.55	15.12
28 46 13 31-0808	EA	Surface Mounted Weatherproof Backbox Kit (Siemens WPS-KIT)	43.71	15.12
28 46 13 31-0809	EA	Z Series Backbox (Siemens ZBB-R)	49.33	15.12

28 46 13 31-0810 Door Holders *(28 46 13 31-0750)*

28 46 13 31-0811	EA	120 Volt AC Concealed Wiring Fire Door Holder (Siemens SDH-2A)	380.38	45.36
28 46 13 31-0812	EA	24 Volt DC Concealed Wiring Fire Door Holder (Siemens SDH-2D)	380.38	45.36

28 46 13 31-0813 Voice Equipment *(28 46 13 31-0557)*

28 46 13 31-0814 Voicecom *(28 46 13 31-0813)*

28 46 13 31-0815	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM)	5,829.65	604.77
28 46 13 31-0816	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICECOM-L)	9,254.03	604.77

28 46 13 31-0817 Johnson Controls Fire Alarm *(28 46 13 31)*

28 46 13 31-0818	EA	Intelligent Addressable ION Detector; With FlashScan. (Johnson Controls, Inc. #1951J)	221.58	45.36
28 46 13 31-0819	EA	Intelligent Addressable Photo Detector; With FlashScan. (Johnson Controls, Inc. #2951J)	219.15	45.36
28 46 13 31-0820	EA	Intelligent Addressable Photo/Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TJ)	274.89	45.36
28 46 13 31-0821	EA	Acclimate™ Intelligent Photo Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TMJ)	274.11	45.36
28 46 13 31-0822	EA	411UD, 4 Channel Dual. (Johnson Controls, Inc. #411UD)	760.88	60.47
28 46 13 31-0823	EA	Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951HJ)	209.15	45.36
28 46 13 31-0824	EA	Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951J)	186.08	45.36
28 46 13 31-0825	EA	Intelligent Addressable Rate-of-Rise Thermal Detector; With FlashScan. (Johnson Controls, Inc. #5951RJ)	181.20	45.36
28 46 13 31-0826	EA	Intelligent Addressable Laser Detector; Low Profile, Use With IFC Series Panels Only. (Johnson Controls, Inc. #7351J)	557.14	45.36
28 46 13 31-0827	EA	100 Watts Audio Amplifier At 70.7 VRMS With Built-in Tone Generator, 120 Volt AC (Johnson Controls, Inc. #AA-100)	2,724.35	90.71
28 46 13 31-0828	EA	AUDIO Amplifier, 100 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-100E)	2,639.31	90.71
28 46 13 31-0829	EA	120 Watts Audio Amplifier At 25 VRMS With Built-in Tone Generator, 120 Voltage AC (Johnson Controls, Inc. #AA-120)	2,685.19	90.71
28 46 13 31-0830	EA	AUDIO Amplifier, 120 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-120E)	2,570.64	90.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0831	EA	30 Watts Audio Amplifier At 25 VRMS, 120 Voltage AC (Johnson Controls, Inc. #AA-30)	1,247.33	90.71
28 46 13 31-0832	EA	AUDIO Amplifier, 30 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-30E)	1,247.33	90.71
28 46 13 31-0833	EA	Annunciator Control Module With; 16 Red Alarm LED's, 16 Yellow Trouble LED's, And 16 Control Switches, On-line, System Trouble Led, And Local Sounder, Local Acknowledge And Lamp Test Switch, Supports 1, 2 Or 3 AEM-16AT Expander Modules. (Johnson Controls, Inc. #ACM-16AT)	1,255.09	30.24
28 46 13 31-0834	EA	IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED, Trouble LED And Switch Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) By Point To Be Red, Green Or Yellow And The Trouble LED Is Always Yellow. Expandable With One, Two Or Three AEM-24AT's. (Johnson Controls, Inc. #ACM-24AT)	1,305.57	30.24
28 46 13 31-0835	EA	Annunciator Control Module; Includes 32 Red Alarm LED's, System Trouble LED And On-line LED, Local Acknowledge, Lamp Test Switch, And Local Piezo Sounder, Supports One AEM-32A Expander Module. (Johnson Controls, Inc. #ACM-32A)	958.15	30.24
28 46 13 31-0836	EA	IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) In Groups Of 24 To Be Red, Green Or Yellow. Expandable To 96 Points With One AEM-48A. (Johnson Controls, Inc. #ACM-48A)	958.15	30.24
28 46 13 31-0837	EA	Annunciator, Relay, Form C. (Johnson Controls, Inc. #ACM-8R)	674.96	30.24
28 46 13 31-0838	EA	Charger Power Supply - 6 Or 10 Amperes; Mounts In CAB-PS1, CAB-3/4, EQ Cabx, BB-25, Or CHS-PS1; Comes With The PK-PPS Programming Utility. Windows® PC And USB Cable Required For Programming. (Johnson Controls, Inc. #ACPS-610)	2,180.63	60.47
28 46 13 31-0839	EA	Annunciator Expander Module With: 16 Red Alarm LED's, 16 Yellow Trouble LED's, 16 Control Switches, Cable For Connection To The ACM-16AT Master. (Johnson Controls, Inc. #AEM-16AT)	958.15	30.24
28 46 13 31-0840	EA	Annunciator Expander Module; 24 Alarm And Trouble LEDs, Expands The ACM-24AT To 48, 72 Or 96 Points. (Johnson Controls, Inc. #AEM-24AT)	996.10	30.24
28 46 13 31-0841	EA	Annunciator Expander Module With: 32 Red Alarm LED's, Cable For Connection To The ACM-32A Master. (Johnson Controls, Inc. #AEM-32A)	858.58	30.24
28 46 13 31-0842	EA	Annunciator Expander Module; 48 Alarm LEDs, Expands The ACM-48A To 96 Points. (Johnson Controls, Inc. #AEM-48A)	858.58	30.24
28 46 13 31-0843	EA	Back Box, Flush Or Surface Mount; Requires A Door And Telephone Chassis. (Johnson Controls, Inc. #AFAWS-BX)	141.96	27.21
28 46 13 31-0844	EA	Receiver, Multimode Fiber. (Johnson Controls, Inc. #AFL-RM)	1,312.15	60.47
28 46 13 31-0845	EA	Receiver, Singlemode Fiber. (Johnson Controls, Inc. #AFL-RS)	2,867.18	60.47
28 46 13 31-0846	EA	Transmit, Multimode Fiber. (Johnson Controls, Inc. #AFL-TM)	1,312.15	60.47
28 46 13 31-0847	EA	Transmit, Singlemode Fiber. (Johnson Controls, Inc. #AFL-TS)	2,867.18	60.47
28 46 13 31-0848	EA	Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B110LP)	50.83	15.12
28 46 13 31-0849	EA	Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224BI)	139.42	15.12
28 46 13 31-0850	EA	Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224RB)	131.41	15.12
28 46 13 31-0851	EA	Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B401)	54.26	15.12
28 46 13 31-0852	EA	Intelligent Detector Base, Without Flange. (Johnson Controls, Inc. #B501J)	48.57	15.12
28 46 13 31-0853	EA	Battery Cabinet, Lockable. (Johnson Controls, Inc. #BB-100)	955.21	60.47
28 46 13 31-0854	EA	Projected Beam Smoke Detector, Single-ended Reflected Type, Includes Trouble Relay, Transmitter/Receiver In One Unit. (Johnson Controls, Inc. #Beam1224)	2,241.10	90.71
28 46 13 31-0855	EA	Same As Beam1224 With Built-in Sensitivity Test Filter. (Johnson Controls, Inc. #Beam1224S)	2,369.84	90.71
28 46 13 31-0856	EA	Mounting Kit, Long RG, Beam. (Johnson Controls, Inc. #BeamLRK)	261.96	15.12
28 46 13 31-0857	EA	Mounting Kit, Beam Detect. (Johnson Controls, Inc. #BeamMMK)	176.15	15.12
28 46 13 31-0858	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS (Johnson Controls, Inc. #DAA-5025)	2,242.99	90.71
28 46 13 31-0859	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5025F)	2,069.45	90.71
28 46 13 31-0860	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5025SF)	2,069.45	90.71
28 46 13 31-0861	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS (Johnson Controls, Inc. #DAA-5070)	2,430.45	90.71
28 46 13 31-0862	EA	Amplifier, Digital Audio. (Johnson Controls, Inc. #DAA-5070E)	2,241.10	90.71
28 46 13 31-0863	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5070F)	2,241.10	90.71
28 46 13 31-0864	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5070SF)	2,241.10	90.71
28 46 13 31-0865	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS (Johnson Controls, Inc. #DAA-7525)	2,682.45	90.71
28 46 13 31-0866	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS, Multi Fiber (Johnson Controls, Inc. #DAA-7525F)	2,682.45	90.71
28 46 13 31-0867	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS, Single Fiber (Johnson Controls, Inc. #DAA-7525SF)	2,682.45	90.71
28 46 13 31-0868	EA	Innovairflex Intelligent. (Johnson Controls, Inc. #DNR)	276.85	30.24
28 46 13 31-0869	EA	Innovairflex Duct Detect. (Johnson Controls, Inc. #DNRW)	426.93	30.24
28 46 13 31-0870	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1)	37.87	12.10
28 46 13 31-0871	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1.5)	41.40	12.10
28 46 13 31-0872	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST10)	102.31	18.14
28 46 13 31-0873	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST3)	49.30	12.10
28 46 13 31-0874	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST5)	60.87	15.12
28 46 13 31-0875	EA	Digital Voice Command, Analog Output. (Johnson Controls, Inc. #DVC-AO)	429.48	30.24
28 46 13 31-0876	EA	Digital Voice Command, Keypad. (Johnson Controls, Inc. #DVC-KD)	713.13	60.47
28 46 13 31-0877	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; B Size, Black. (Johnson Controls, Inc. #EQBB-B4)	588.50	90.71
28 46 13 31-0878	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; C Size, Black. (Johnson Controls, Inc. #EQBB-C4)	819.63	90.71
28 46 13 31-0879	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; D Size, Black. (Johnson Controls, Inc. #EQBB-D4)	896.87	90.71
28 46 13 31-0880	EA	Equipment Cabinet Door; B Size Black. (Johnson Controls, Inc. #EQDR-B4)	477.82	12.10
28 46 13 31-0881	EA	Equipment Cabinet Door; C Size Black. (Johnson Controls, Inc. #EQDR-C4)	721.02	12.10
28 46 13 31-0882	EA	Equipment Cabinet Door; D Size Black. (Johnson Controls, Inc. #EQDR-D4)	792.55	12.10
28 46 13 31-0883	EA	6.0 Amperes, 120 Volt AC Remote Charger Power Supply (Johnson Controls, Inc. #FCPS-24S6) Note: Includes Main Printed Circuit Board, Transformers And Installation Instructions	947.49	120.96
28 46 13 31-0884	EA	8 Amperes, 120 Volt AC Remote Charger Power Supply (Johnson Controls, Inc. #FCPS-24S8) Note: Includes Main Printed Circuit Board, Transformers And Installation Instructions	1,247.14	120.96
28 46 13 31-0885	EA	80 Character Display Annunciator. "Security Keypad" Mechanical Design. For Use With The IFC-320, JCPU2-640, JCPU-640 And IFC-400/300 (Rev 3.62+) Only. (Johnson Controls, Inc. #FDU-80G)	1,185.54	90.71
28 46 13 31-0886	EA	Fireman's Telephone Hand Set. (Johnson Controls, Inc. #FHS)	219.05	15.12
28 46 13 31-0887	EA	Fire Phone Storage Cabinet, Recessed, Holds 6 Phones. (Johnson Controls, Inc. #FHSC-R)	621.73	30.24
28 46 13 31-0888	EA	Door Holder, Magnetic, Floor. (Johnson Controls, Inc. #FM980)	325.70	45.36
28 46 13 31-0889	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM996)	264.83	45.36
28 46 13 31-0890	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM998)	278.68	45.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0891	EA	Addressable Beam Detector. (Johnson Controls, Inc. #FSB-200)	2,286.49	60.47
28 46 13 31-0892	EA	Addressable Beam Detector With Remote Test Feature. (Johnson Controls, Inc. #FSB-200S)	2,794.47	60.47
28 46 13 31-0893	EA	Intelligent Addressable HARSH (Hostile Area Smoke Head) Detector; Photo, Requires B501B-FTXJ Base. (Johnson Controls, Inc. #FTX-P2J)	843.02	30.24
28 46 13 31-0894	EA	IFC-320 Intelligent Fire Alarm Panel; Single Printed Circuit Board With One SLC Loop (318 Devices), Back-lit, 80 Character Display, System And Programming Keypad And 6.0 Amperes Power Supply, 120 Volt AC, (Johnson Controls, Inc. #IFC-320) Note: Includes Door, Dress Panel And Back Box, Black	5,708.81	483.81
28 46 13 31-0895	EA	Upgrade Kit, ORG BLD, 640. (Johnson Controls, Inc. #IFC-640UG)	2,819.13	60.47
28 46 13 31-0896	EA	Workstation Only Workstation GUI Software And Hardware Package. (Johnson Controls, Inc. #IFI)	37,230.69	725.72
28 46 13 31-0897	EA	Workstation With NFN Fiber PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-F) Fiber Version. (Johnson Controls, Inc. #IFI-F)	40,663.47	725.72
28 46 13 31-0898	EA	Workstation With Echelon Wire PC Card Workstation GUI Software And Hardware Package For Building Systems Integration, WSSUP Workstation Supervisor. Includes Echelon® Gateway (ECH-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-IP)	45,812.65	725.72
28 46 13 31-0899	EA	Workstation With NFN Wire PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-W)	40,663.47	725.72
28 46 13 31-0900	EA	Annunciator Flush Box. Mounts One Annunciator Module. (Johnson Controls, Inc. #JABF-1B)	273.15	18.14
28 46 13 31-0901	EA	Annunciator Flush Box. One Module. Attractive Glass Door And Key Lock. (Johnson Controls, Inc. #JABF-1DB)	307.49	18.14
28 46 13 31-0902	EA	Annunciator Flush Box. Mounts Two Annunciator Modules. (Johnson Controls, Inc. #JABF-2B)	334.95	18.14
28 46 13 31-0903	EA	Annunciator Flush Box. Mounts Four Annunciator Modules. (Johnson Controls, Inc. #JABF-4B)	626.74	18.14
28 46 13 31-0904	EA	Annunciator Surface Box. Deep With Trim Cover. (Johnson Controls, Inc. #JABS-1TB)	202.68	12.10
28 46 13 31-0905	EA	Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Black. (Johnson Controls, Inc. #JABS-2D)	315.89	27.21
28 46 13 31-0906	EA	Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Red. (Johnson Controls, Inc. #JABS-2DR)	335.58	27.21
28 46 13 31-0907	EA	Surface (or Semi-flush) Mount INA, ACS, Or SCS Backbox, Black. (Johnson Controls, Inc. #JABS-4D)	617.39	27.21
28 46 13 31-0908	EA	Audio Command Door For CAB-B4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-B4)	616.36	12.10
28 46 13 31-0909	EA	Audio Command Door For CAB-C4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-C4)	830.91	12.10
28 46 13 31-0910	EA	Audio Command Door For CAB-D4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-D4)	1,028.30	12.10
28 46 13 31-0911	EA	Addressable Pull Station; With FlashScan. (Johnson Controls, Inc. #JBG-12LX)	288.18	30.24
28 46 13 31-0912	EA	Battery Dress Panel For CAB-4 Series; For Use With The JCPU2-3030, JCPU2-640, JNCA-2, And DVC Systems. (Johnson Controls, Inc. #JBP2-4)	134.58	12.10
28 46 13 31-0913	EA	JCPU2-3030 CPU With 640-character Display; Required For Single Panel (One CPU2-3030) Systems. Includes: CPU, 640-Character Backlit LCD Display, QWERTY Programming And Control Keypad, Installation, Programming And Operating Manuals. Supports One To 10 Signaling Line Circuits (Up To Five LCM-320 And Five LEM-320). Order One Per System Or As Necessary (Up To 103 Network Nodes) For A Networked System. Requires Top Row Of A Cabinet. (Johnson Controls, Inc. #JCPU2-3030D)	5,695.82	483.81
28 46 13 31-0914	EA	Central Processing Unit For The JCPU2-640 With Integral 120 Volt AC Power Supply (Johnson Controls, Inc. #JCPU2-640) Note: Includes CHS2-M2 Chassis	4,111.48	362.86
28 46 13 31-0915	EA	Main Board, CPU, IFC3030, DI. (Johnson Controls, Inc. #JCPU-3030D)	7,399.85	483.81
28 46 13 31-0916	EA	Main Board, CPU, IFC640. (Johnson Controls, Inc. #JCPU-640)	7,110.83	362.86
28 46 13 31-0917	EA	Main Board, CPU, IFC640, EUR. (Johnson Controls, Inc. #JCPU-640E)	5,120.17	362.86
28 46 13 31-0918	EA	Digital Voice Command, Extended Memory. (Johnson Controls, Inc. #JDVC-EM)	2,808.29	45.36
28 46 13 31-0919	EA	Digital Voice Command, Extended Memory, Multi-Fiber. (Johnson Controls, Inc. #JDVC-EMF)	2,836.93	45.36
28 46 13 31-0920	EA	Digital Voice Command, Extended Memory, Single-Fiber. (Johnson Controls, Inc. #JDVC-EMSF)	2,836.93	45.36
28 46 13 31-0921	EA	Annunciator, Network Control. (Johnson Controls, Inc. #JNCA)	3,357.24	60.47
28 46 13 31-0922	EA	Network Control Annunciator-2, 640-characters; On Single Panel (one JCPU2-640) JCPU2-640 Systems, The JNCA-2 Can Be The Primary Display For The Panel And Connects Directly To The JCPU2-640. On Network Systems (Two Or More JCPU2-640's), One Network Display (Either JNCA-2 Or IFW) Is Required For Every System And Each JNCA-2 Connects To And Requires An NCM Network Control Module. Mounts In A Row Of FACP Node Or In Two Annunciator Module Positions. (Johnson Controls, Inc. #JNCA-2) Note: Mounting Includes: NCA/640-2-Kit (directly Mounting To The CHS2-M2), CA-2, ADP-4B, Or In An Annunciator Box, Such As The ABS-2DB (requires The CHS-2D).	2,844.87	60.47
28 46 13 31-0923	EA	Mass Notification Voice Paging; Requires JNOTIFY-PAA Hardware Package (Sold Separately). (Johnson Controls, Inc. #JNOTIFY-IP)	2,442.12	362.86
28 46 13 31-0924	EA	160 Character Display Annunciator; For Use With JCPU-3030 And JCPU2-3030. (Johnson Controls, Inc. #LCD-160)	2,020.36	60.47
28 46 13 31-0925	EA	80 Character LCD Annunciator. Mounts In ABS-1T, ABF-1D, ABF-2D, Or Flush Back Box. (Johnson Controls, Inc. #LCD-80)	1,661.56	60.47
28 46 13 31-0926	EA	Loop Control Module. Each LCM May Be Expanded To Two Loops By Adding A LEM-320. IFC2- 3030 And IFC-3030 Only. (Johnson Controls, Inc. #LCM-320)	2,675.61	60.47
28 46 13 31-0927	EA	Lamp Driver Annunciator Control Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-32)	828.35	15.12
28 46 13 31-0928	EA	Cable 24": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL24)	266.18	12.10
28 46 13 31-0929	EA	Cable 48": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL48)	327.98	12.10
28 46 13 31-0930	EA	Lamp Driver Annunciator Expander Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-E32)	667.04	15.12
28 46 13 31-0931	EA	Relay Module. 32 Form-A Contacts. Connects To LDM-32 Or LDM-E32. (Johnson Controls, Inc. #LDM-R32)	1,224.86	15.12
28 46 13 31-0932	EA	Loop Expander Module. Mounts As Daughter Board To LCM-320 To Provide Even Numbered SLC Loops. (Johnson Controls, Inc. #LEM-320)	2,219.96	15.12
28 46 13 31-0933	EA	Addressable Control Module With FlashScan; Configured For One Class A Or Class B NAC. (Johnson Controls, Inc. #M300CJ)	173.37	15.12
28 46 13 31-0934	EA	Addressable Dual Monitor Module; With FlashScan, Two Class B Circuits. (Johnson Controls, Inc. #M300DJ)	276.69	15.12
28 46 13 31-0935	EA	Addressable Monitor Module; With FlashScan; Supervises Either A Class A Or Class B Circuit Of N.D. Dry-contact Input Devices. (Johnson Controls, Inc. #M300MJ)	135.93	15.12
28 46 13 31-0936	EA	Addressable Relay Module With FlashScan; Provides Two Form-C Dry Contacts That Switch Together. (Johnson Controls, Inc. #M300RJ)	191.05	15.12
28 46 13 31-0937	EA	Addressable Mini Module With FlashScan; Supervises A Class B Circuit Of N.D. Dry-contact Devises. (Johnson Controls, Inc. #M301MJ)	150.41	15.12
28 46 13 31-0938	EA	Addressable 2-Wire Detector Monitor Module; With FlashScan. (Johnson Controls, Inc. #M302MJ)	245.74	15.12
28 46 13 31-0939	EA	Addressable Firephone Control Module With Flashscan. (Johnson Controls, Inc. #M500FPJ)	280.35	15.12
28 46 13 31-0940	EA	SLC Loop Isolator Module; Isolates Against Short Circuits On The SLC. (Johnson Controls, Inc. #M500XJ)	157.77	15.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0941	EA	Network INTFC, P2P, Wire. (Johnson Controls, Inc. #MIB-W)	2,342.61	45.36
28 46 13 31-0942	EA	Network Adapter, Fiber. (Johnson Controls, Inc. #NAM-232F)	2,084.08	30.24
28 46 13 31-0943	EA	Network Adapter, Wire. (Johnson Controls, Inc. #NAM-232W)	1,926.18	30.24
28 46 13 31-0944	EA	Plate, Retrofit, NCA-2. (Johnson Controls, Inc. #NCA-2RETRO)	72.17	6.04
28 46 13 31-0945	EA	Network Control Module - Multi Mode Fiber; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-F)	1,684.88	30.24
28 46 13 31-0946	EA	Network Control Module - Wire; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-W)	1,604.32	30.24
28 46 13 31-0947	EA	NFV-25/50. (Johnson Controls, Inc. #NFV-25/50)	4,096.71	60.47
28 46 13 31-0948	EA	NU-RPT101-1U RS485. (Johnson Controls, Inc. #NU-RPT101-1U)	1,137.36	30.24
28 46 13 31-0949	EA	Key Switch, Remote Control. (Johnson Controls, Inc. #RKS-S)	310.81	12.10
28 46 13 31-0950	EA	Microphone Assembly For Mounting To An ADP-4 Dress Panel. (Johnson Controls, Inc. #RM-1)	717.86	30.24
28 46 13 31-0951	EA	Microphone Assembly For Mounting In An CAB-RM Cabinet. (Johnson Controls, Inc. #RM-1SA)	717.86	30.24
28 46 13 31-0952	EA	Remote Page Jack. Allows Remote All-Call Paging. (Johnson Controls, Inc. #RPJ-1)	192.41	12.10
28 46 13 31-0953	EA	SA-WBB, Weatherproof. (Johnson Controls, Inc. #SA-WBB)	50.91	6.04
28 46 13 31-0954	EA	SA-WBBC, Weatherproof. (Johnson Controls, Inc. #SA-WBBC)	50.91	6.04
28 46 13 31-0955	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCR)	193.71	45.36
28 46 13 31-0956	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCRH)	217.73	45.36
28 46 13 31-0957	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SCRHK)	257.29	51.40
28 46 13 31-0958	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SCRK)	253.84	51.40
28 46 13 31-0959	EA	Smoke Control Master; Includes Eight On/off/auto Switches. Supports One SCE-8. Includes Manual, Slide-in Labels. Mounts In ADP-4 Or ABS-4D. (Johnson Controls, Inc. #SCS-8)	1,716.30	120.96
28 46 13 31-0960	EA	Smoke Control Lamp Driver. Outputs For 8 On/off/auto Switches With LED's. Intended For Custom Built Smoke Control Stations. Support One SCE-8L. (Johnson Controls, Inc. #SCS-8L)	1,338.68	120.96
28 46 13 31-0961	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SCW)	193.71	45.36
28 46 13 31-0962	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCWH)	217.73	45.36
28 46 13 31-0963	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SCW-P)	193.71	45.36
28 46 13 31-0964	EA	Mounting Kit, M300/M500. (Johnson Controls, Inc. #SMB500)	35.09	12.10
28 46 13 31-0965	EA	SMK-MOV Kit-LON. (Johnson Controls, Inc. #SMK-MOVKit-LON)	39.65	6.04
28 46 13 31-0966	EA	SMK-MOV Kit-MSTP. (Johnson Controls, Inc. #SMK-MOVKit-MSTP)	45.16	6.04
28 46 13 31-0967	EA	SPBBS, Wall, Back Box. (Johnson Controls, Inc. #SPBBS)	39.69	6.04
28 46 13 31-0968	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SR)	177.15	45.36
28 46 13 31-0969	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SRH)	217.73	45.36
28 46 13 31-0970	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SRHK)	257.29	51.40
28 46 13 31-0971	EA	Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SRH-P)	217.73	45.36
28 46 13 31-0972	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SRK)	253.84	51.40
28 46 13 31-0973	EA	Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SR-P)	193.71	45.36
28 46 13 31-0974	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SW)	193.71	45.36
28 46 13 31-0975	EA	Strobe, HI, 12/24 Volt DC, White (Johnson Controls, Inc. #SWH)	217.73	45.36
28 46 13 31-0976	EA	Strobe, HI, 12/24 Volt DC, White (Johnson Controls, Inc. #SWH-P)	217.73	45.36
28 46 13 31-0977	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SW-P)	193.71	45.36
28 46 13 31-0978	EA	Firefighter's Telephone Handset Only. (Johnson Controls, Inc. #TELH-1)	268.81	15.12
28 46 13 31-0979	EA	Universal Digital Alarm Communicator Transmitter. (Johnson Controls, Inc. #UDACT)	1,186.39	60.47
28 46 13 31-0980	EA	Speaker Strobe, Ceiling, White, 2 W (MAX), Dual Voltage, Multi (Johnson Controls, Inc. #SPSCW)	287.28	60.47
28 46 13 31-0981	EA	Speaker, White, Ceiling Mount. (Johnson Controls, Inc. #SPCW)	122.76	30.24
28 46 13 31-0982	EA	Speaker, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPCWV)	122.76	30.24
28 46 13 31-0983	EA	Speaker Strobe, Red, Ceiling Mount, Standard Candela. (Johnson Controls, Inc. #SPSCR)	226.79	30.24
28 46 13 31-0984	EA	Speaker Strobe, Red, Ceiling Mount, High Candela. (Johnson Controls, Inc. #SPSCRH)	246.70	30.24
28 46 13 31-0985	EA	Speaker Strobe, Red, Ceiling Mount, High Candela, High Db. (Johnson Controls, Inc. #SPSCRVH)	246.70	30.24
28 46 13 31-0986	EA	Speaker Strobe, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPSCWV)	218.89	30.24
28 46 13 31-0987	EA	Speaker Strobe Wall, WP, White, 2W (MAX), Dual Volt, Multi D (Johnson Controls, Inc. #SPSWK)	298.56	30.24
28 46 13 31-0988	EA	Speaker Strobe, Wall, White, Standard Candela. (Johnson Controls, Inc. #SPSW)	226.79	30.24
28 46 13 31-0989	EA	Wall Mount Speaker, White. (Johnson Controls, Inc. #SPW)	122.76	30.24
28 46 13 31-0990	EA	Wall Mount Speaker, Red. (Johnson Controls, Inc. #SPR)	122.76	30.24
28 46 13 31-0991	EA	Speaker Strobe, Wall, White, High Cd. (Johnson Controls, Inc. #SPSWH)	246.70	30.24
28 46 13 31-0992	EA	Speaker Strobe, Wall, Red, High Cd. (Johnson Controls, Inc. #SPSR)	226.79	30.24
28 46 13 31-0993	EA	Speaker Strobe, Wall, Red, High Db, High Candela. (Johnson Controls, Inc. #SPSRV)	226.79	30.24
28 46 13 31-0994		Honeywell Fire Alarm *(28 46 13 31)*		
28 46 13 31-0995		Notifier Fire Alarm *(28 46 13 31-0994)*		
28 46 13 31-0996		Fire Alarm Control Panel And Accessories *(28 46 13 31-0995)*		
28 46 13 31-0997	EA	NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D)	5,314.57	604.77
28 46 13 31-0998	EA	NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640)	4,475.21	604.77
28 46 13 31-0999	EA	Central Processing Unit for NFS2-640 With Integral 240 Volt Power Supply Includes Chassis (Notifier CPU2-640E)	4,315.60	604.77
28 46 13 31-1000	EA	Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320)	5,304.70	604.77
28 46 13 31-1001	EA	Supports Installation Of Optional ACM-Series Annunciator In Same Cabinet, Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320C)	5,433.58	604.77
28 46 13 31-1002	EA	Black, 240 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320E)	5,303.41	604.77
28 46 13 31-1003	EA	Red, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320R)	5,179.11	604.77
28 46 13 31-1004	EA	Two-Tone Sequential Module (Notifier 2TTM)	333.54	30.24
28 46 13 31-1005	EA	5', Not Low Loss, Antenna Cable (Notifier 7626-5C)	83.55	6.04
28 46 13 31-1006	EA	25', Low Loss, Antenna Cable (Notifier 7626-25HC)	160.23	12.10
28 46 13 31-1007	EA	50', Low Loss, Antenna Cable (Notifier 7626-50HC)	243.29	18.14
28 46 13 31-1008	EA	IPGSM-COM, IPGSM-COMa Handheld Programmer (Notifier 7720P)	379.75	
28 46 13 31-1009	EA	RJ45-DB9F Serial Programming Cable (Notifier ALMSC-119)	74.27	
28 46 13 31-1010	EA	120 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS)	5,081.23	604.77
28 46 13 31-1011	EA	240 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYSE)	5,129.19	604.77
28 46 13 31-1012	EA	3 dB Gain External/Remote Antenna (Notifier GSM-ANT3dB)	204.91	6.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1013	EA	Plug In Transformer Box For IPGSM Communicator (Notifier HPTCOVER)	63.97	6.04
28 46 13 31-1014	EA	Mounting Bracket Kit For SFB-5UD, SFB-10UD, NFW2-100 And NFW-50 (Notifier IPBRKT)	91.48	12.10
28 46 13 31-1015	EA	Chassis To Mount IP Communicator In CHSA Series Chassis (Notifier IPCHSKIT)	90.92	15.12
28 46 13 31-1016	EA	IP Communicator (Notifier IPDACT-2)	667.29	30.24
28 46 13 31-1017	EA	IP Communicator With Upload/Download Capability (Notifier IPDACT-2UD)	772.99	30.24
28 46 13 31-1018	EA	Red, IP Communicator External Mounting Enclosure (Notifier IPENC) Note: Includes IPBRKT.	185.75	30.24
28 46 13 31-1019	EA	Black, IP Communicator External Mounting Enclosure (Notifier IPENC-B) Note: Includes IPBRKT	185.26	30.24
28 46 13 31-1020	EA	Dual 8TPC To Single 8TPC Y-Splitter With Two 9" Cables For Combining Panel Phone Jacks To One IPDACT Input (Notifier IPSPLT)	48.36	12.10
28 46 13 31-1021	EA	Loop Control Module (Notifier LCM-320)	1,776.63	60.47
28 46 13 31-1022	EA	Loop Expander Module (Notifier LEM-320)	1,528.39	60.47
28 46 13 31-1023	EA	Keyboard Display Module For CPU2-640 (Notifier KDM-R2)	1,354.21	60.47
28 46 13 31-1024	EA	7' DACT Phone Cord (Notifier MCBL-7)	23.55	
28 46 13 31-1025	EA	Backbox For UDACT, With Viewing Window And Optional Relay Mount (Notifier UBS-1)	193.20	15.12
28 46 13 31-1026	EA	Red, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1R)	223.43	30.24
28 46 13 31-1027	EA	Black, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1B)	223.43	30.24
28 46 13 31-1028	EA	Universal Digital Alarm Communicator Transmitter (Notifier UDACT-2)	702.32	30.24
28 46 13 31-1029	EA	Universal Zone Coder (Notifier UZC-256)	974.29	30.24
28 46 13 31-1030	EA	Hardware Kit To Connect UZC-256 To A PC (Notifier UZC-HI) Note: Includes null modem cable, AC power adapter, and 9-pin to 25-pin converter.	303.11	
28 46 13 31-1031	EA	Programming Software For ONYX Series Products, DVC And Associated Amplifiers, DVC-RPU And UDACT-2 (Notifier VERIFIRE-TCD)	885.55	
28 46 13 31-1032	EA	ONYX Series Verifire Tools Upgrade (Notifier VERIFIREUG-TCD)	563.73	
28 46 13 31-1033	EA	Central Station Receiver For Fire And Security (Notifier VISORALARM-PLUS)	4,288.10	18.14
28 46 13 31-1034	EA	Surface Back Box For NBG-12LRA (Notifier SBA-10)	51.87	15.12
28 46 13 31-1035	EA	Up To 50 Addressable Devices Supported, Addressable Fire Alarm Control Panel (Notifier NFW-50X)	2,236.67	604.77
28 46 13 31-1036	EA	Up To 198 Addressable Devices Supported, Addressable Fire Alarm Control Panel (Notifier NFW-100X)	3,282.94	604.77
28 46 13 31-1037		ONYX Cabinets *(28 46 13 31-0995)*		
28 46 13 31-1038	EA	Red, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4R)	598.06	15.12
28 46 13 31-1039	EA	Red, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4R)	802.29	15.12
28 46 13 31-1040	EA	Red, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4R)	991.05	15.12
28 46 13 31-1041	EA	Battery Dress Plate For NFS-640 And NFS-3030 (Notifier BP-4)	117.53	18.14
28 46 13 31-1042	EA	Chassis Bridge (Notifier CB-1)	106.34	15.12
28 46 13 31-1043	EA	Four Position Chassis (Notifier CHS-4)	175.58	15.12
28 46 13 31-1044	EA	Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2)	189.94	30.24
28 46 13 31-1045	EA	Black, Dress Panel Blank, Covers Unused Cabinet Row(s) (Notifier DP-1B)	104.31	18.14
28 46 13 31-1046	EA	Dress Plate For Top Row With CPU2-3030D (Notifier DP-DISP)	130.98	18.14
28 46 13 31-1047	EA	One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4)	341.35	30.24
28 46 13 31-1048	EA	One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B)	221.76	30.24
28 46 13 31-1049	EA	Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4)	435.23	45.36
28 46 13 31-1050	EA	Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B)	276.14	45.36
28 46 13 31-1051	EA	Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4)	646.52	60.47
28 46 13 31-1052	EA	Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B)	404.04	60.47
28 46 13 31-1053	EA	Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4)	785.37	75.60
28 46 13 31-1054	EA	Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B)	471.57	75.60
28 46 13 31-1055	EA	Black, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4)	274.92	15.12
28 46 13 31-1056	EA	Black, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4B)	190.75	15.12
28 46 13 31-1057	EA	Red, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4BR)	190.75	15.12
28 46 13 31-1058	EA	Red, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4R)	279.82	15.12
28 46 13 31-1059	EA	Red, One Tier, "A" Size Blank Door Assembly, Lock And Keys (Notifier DR-A4BR)	214.24	15.12
28 46 13 31-1060	EA	Red, One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4R)	353.22	15.12
28 46 13 31-1061	EA	Red, Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4BR)	243.12	15.12
28 46 13 31-1062	EA	Red, Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4R)	419.78	15.12
28 46 13 31-1063	EA	Red, Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4BR)	347.35	15.12
28 46 13 31-1064	EA	Red, Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4R)	620.42	15.12
28 46 13 31-1065	EA	Red, Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4BR)	388.46	15.12
28 46 13 31-1066	EA	Red, Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4R)	741.78	15.12
28 46 13 31-1067	EA	Black, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4)	364.86	30.24
28 46 13 31-1068	EA	Black, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4)	533.20	30.24
28 46 13 31-1069	EA	Black, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4)	623.25	30.24
28 46 13 31-1070	EA	Black, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4)	381.50	30.24
28 46 13 31-1071	EA	Black, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4)	570.39	30.24
28 46 13 31-1072	EA	Black, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4)	664.35	30.24
28 46 13 31-1073	EA	Red, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4R)	367.79	30.24
28 46 13 31-1074	EA	Red, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4R)	533.20	30.24
28 46 13 31-1075	EA	Red, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4R)	631.08	30.24
28 46 13 31-1076	EA	Red, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4R)	399.11	30.24
28 46 13 31-1077	EA	Red, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4R)	570.39	30.24
28 46 13 31-1078	EA	Red, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4R)	664.35	30.24
28 46 13 31-1079	EA	Backbox With Door For ONYX Firstvision™ (Notifier FIRSTVISION-ENC)	3,007.18	151.19
28 46 13 31-1080	EA	CAB-4 Series Mounting Kit (Notifier P40-KITB) Note: Includes chassis, hinged dress plate, and mounting hardware.	343.33	30.24
28 46 13 31-1081	EA	Black, One Tier Backbox Assembly (Notifier SBB-A4)	367.95	90.71
28 46 13 31-1082	EA	Black, Two Tier Backbox Assembly (Notifier SBB-B4)	517.31	120.96
28 46 13 31-1083	EA	Black, Three Tier Backbox Assembly (Notifier SBB-C4)	665.43	120.96
28 46 13 31-1084	EA	Black, Four Tier Backbox Assembly (Notifier SBB-D4)	811.48	151.19
28 46 13 31-1085	EA	Black, Mini, One Tier, Backbox (Notifier SBB-AA4)	220.00	30.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1086	EA	Red, Mini, One Tier, Backbox (Notifier SBB-AA4R)	220.00	30.24
28 46 13 31-1087	EA	Red, One Tier Backbox Assembly (Notifier SBB-A4R)	265.03	30.24
28 46 13 31-1088	EA	Red, Two Tier Backbox Assembly (Notifier SBB-B4R)	363.88	30.24
28 46 13 31-1089	EA	Red, Three Tier Backbox Assembly (Notifier SBB-C4R)	527.33	30.24
28 46 13 31-1090	EA	Red, Four Tier Backbox Assembly (Notifier SBB-D4R)	621.29	30.24
28 46 13 31-1091	EA	Trim Ring For NFS-320 Cabinet (Notifier TR-320)	208.06	18.14
28 46 13 31-1092	EA	Red, Trim Ring For NFS-320 Cabinet (Notifier TR-320R)	208.06	18.14
28 46 13 31-1093	EA	Black, AA Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-AA4)	278.04	18.14
28 46 13 31-1094	EA	Black, A Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-A4)	221.27	18.14
28 46 13 31-1095	EA	Black, B Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-B4)	222.74	18.14
28 46 13 31-1096	EA	Black, C Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-C4)	220.29	18.14
28 46 13 31-1097	EA	Black, D Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-D4)	225.68	18.14
28 46 13 31-1098	EA	2" Filler Dress Plate For ADP-4B Installed In The Top Row Of A CAB-4 Series Backbox (Notifier VP-2B)	84.64	18.14
28 46 13 31-1099	EA	Wire Trays For Routing Wire In A CAB-4 Series Backbox (Notifier WC-2)	56.34	6.04
28 46 13 31-1100		**NFS2-3030/640 Cabinet Mechanicals** *(28 46 13 31-0995)*		
28 46 13 31-1101	EA	Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640)	116.39	18.14
28 46 13 31-1102	EA	Blank Module Dress Plate (Notifier BM-1B)	97.73	18.14
28 46 13 31-1103	EA	Battery Dress Plate For NFS2-3030, NFS2-640, NCA-2 And DVC System (Notifier BP2-4)	109.80	18.14
28 46 13 31-1104	EA	Four Position Expansion Chassis (Notifier CHS-4MB)	270.03	15.12
28 46 13 31-1105	EA	Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3)	248.71	45.36
28 46 13 31-1106	EA	Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2)	120.77	18.14
28 46 13 31-1107		**NFS-3030/640 Cabinet Mechanicals** *(28 46 13 31-0995)*		
28 46 13 31-1108	EA	Annunciator Dress Plate (Notifier ADP-4B)	110.90	18.14
28 46 13 31-1109	EA	Blank Module Dress Plate (Notifier BMP-1)	72.50	18.14
28 46 13 31-1110	EA	Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L)	158.67	30.24
28 46 13 31-1111	EA	Module Dress Plate (Notifier MP-1B)	112.00	18.14
28 46 13 31-1112		**Battery Cabinets** *(28 46 13 31-0995)*		
28 46 13 31-1113	EA	Six Position Chassis (Notifier CHS-6)	106.88	30.24
28 46 13 31-1114	EA	Black, 24" x 14" x 7-3/4" Battery Backbox (Notifier NFS-LBB)	504.01	90.71
28 46 13 31-1115		**Digital Voice** *(28 46 13 31-0995)*		
28 46 13 31-1116	EA	Chassis Used With BB-XP (Notifier 18439)	55.20	15.12
28 46 13 31-1117	EA	220 Volt AC, 100 Watt, 70.7 VRMS, Tone Generator, Audio Amplifier (Notifier AA-100E)	1,984.53	45.36
28 46 13 31-1118	EA	220 Volt AC, 120 Watt, 25 VRMS, Tone Generator, Audio Amplifier (Notifier AA-120E)	1,929.23	45.36
28 46 13 31-1119	EA	220 Volt AC, 30 Watt, 25 VRMS Audio Amplifier (Notifier AA-30E)	978.24	45.36
28 46 13 31-1120	EA	Black, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4)	493.38	45.36
28 46 13 31-1121	EA	Black, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4)	668.46	60.47
28 46 13 31-1122	EA	Black, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4)	832.55	75.60
28 46 13 31-1123	EA	Multimode Audio Fiber Link Receiver (Notifier AFL-RM)	846.47	30.24
28 46 13 31-1124	EA	Multimode Audio Fiber Link Transmitter (Notifier AFL-TM)	846.47	30.24
28 46 13 31-1125	EA	Single Mode Audio Fiber Link Transmitter (Notifier AFL-TS)	1,801.99	30.24
28 46 13 31-1126	EA	15" x 8-3/8" x 3-3/8", Flush Or Surface Mounted Backbox (Notifier AFAWS-BX)	110.25	15.12
28 46 13 31-1127	EA	Flush Mounted, Key Lock, Door (Notifier AFAWS-KR)	182.92	15.12
28 46 13 31-1128	EA	Surface Mounted, Key Lock, Door (Notifier AFAWS-KS)	183.90	15.12
28 46 13 31-1129	EA	Flush Mounted, Latch Style Lock, Door (Notifier AFAWS-LR)	178.03	15.12
28 46 13 31-1130	EA	Surface Mounted, Latch Style Lock, Door (Notifier AFAWS-LS)	179.99	15.12
28 46 13 31-1131	EA	Armored Coil Cord, Telephone Chassis (Notifier AFAWS-TELA)	362.03	15.12
28 46 13 31-1132	EA	Coil Cord, Telephone Chassis (Notifier AFAWS-TELC)	277.86	15.12
28 46 13 31-1133	EA	Hammer Attached To Chain, Breakglass Insert (Notifier BRKG-B)	113.89	
28 46 13 31-1134	EA	For 25 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-25V)	509.22	30.24
28 46 13 31-1135	EA	For 70 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-70V)	513.75	30.24
28 46 13 31-1136	EA	Blank Dress Plate For CA-2 (Notifier BP-CA2)	108.78	15.12
28 46 13 31-1137	EA	One Tier Chassis For Digital Voice Command Panel (Notifier CA-1)	139.47	30.24
28 46 13 31-1138	EA	Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2)	413.29	45.36
28 46 13 31-1139	EA	Black, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RM)	218.54	30.24
28 46 13 31-1140	EA	Red, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RMR)	218.54	30.24
28 46 13 31-1141	EA	Chassis, Phone Well, TELH-1 And Hardware (Notifier CFFT-1)	274.92	15.12
28 46 13 31-1142	EA	Chassis With Paging Microphone With Well (Notifier CMIC-1)	271.99	15.12
28 46 13 31-1143	EA	120 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025)	1,638.24	30.24
28 46 13 31-1144	EA	Multi-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025F)	1,838.91	30.24
28 46 13 31-1145	EA	Single-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025SF)	1,838.91	30.24
28 46 13 31-1146	EA	120 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070)	1,690.91	30.24
28 46 13 31-1147	EA	Multi-Mode Fiber-Optic Media 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070F)	2,000.58	30.24
28 46 13 31-1148	EA	120 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525)	1,755.64	30.24
28 46 13 31-1149	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	2,404.77	30.24
28 46 13 31-1150	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	2,404.77	30.24
28 46 13 31-1151	EA	220-240 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-5025E)	1,611.61	30.24
28 46 13 31-1152	EA	220-240 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA2-5070E)	1,656.94	30.24
28 46 13 31-1153	EA	220-240 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-7525E)	1,727.65	30.24
28 46 13 31-1154	EA	120 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525)	1,097.59	30.24
28 46 13 31-1155	EA	220-240 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525E)	1,126.60	30.24
28 46 13 31-1156	EA	120 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570)	1,152.89	30.24
28 46 13 31-1157	EA	220-240 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570E)	1,190.96	30.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1158	EA	120 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025)	1,199.12	30.24
28 46 13 31-1159	EA	220-240 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025E)	1,234.48	30.24
28 46 13 31-1160	EA	120 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070)	1,269.83	30.24
28 46 13 31-1161	EA	220-240 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070E)	1,333.29	30.24
28 46 13 31-1162	EA	Dress Plate For CFFT-1 (Notifier DP-CFFT)	125.42	15.12
28 46 13 31-1163	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1)	105.41	18.14
28 46 13 31-1164	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4)	120.77	18.14
28 46 13 31-1165	EA	Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B)	203.06	18.14
28 46 13 31-1166	EA	WPS Power Amplifier (Notifier DPA3204P)	602.60	30.24
28 46 13 31-1167	EA	WPS Power Amplifier (Notifier DPA4001P)	509.22	30.24
28 46 13 31-1168	EA	Modem Interface For Direct Wire (No Dial-Up Capabilities) For Interconnecting Panels (Notifier DPI-232)	1,140.19	30.24
28 46 13 31-1169	EA	120 Volt AC,125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMP) Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V	854.63	30.24
28 46 13 31-1170	EA	220-240 Volt AC, 125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMPE) Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V	864.60	30.24
28 46 13 31-1171	EA	Digital Series Distribution Board, Supports One To Four DS-AMP Or DS-AMPE (Notifier DS-DB)	1,435.74	30.24
28 46 13 31-1172	EA	125 Watt, 25 VRMS DS Series Backup Amplifier Board (Can Be Converted To 70 VRMS, 100 Watt Amplifier With A DS-XF70V) (Notifier DS-BDA)	563.62	30.24
28 46 13 31-1173	EA	Converts One DAX Or DAA2 DAL Port To Multi-Mode Fiber, Fiber Option Module (Notifier DS-FM)	322.77	30.24
28 46 13 31-1174	EA	Converts One DAX Or DAA2 Port To ST Style Multi-Mode Fiber (For Connection To DVC-EMF Or DAA-XXXF Series Amplifier), Fiber Option Module (Notifier DS-RFM)	322.77	30.24
28 46 13 31-1175	EA	Converts One DAX Or DAA2 DAL Port To Single-Mode Fiber, Fiber Option Module (Notifier DS-SFM)	322.77	30.24
28 46 13 31-1176	EA	Converts DS-AMP, DS-AMPE, Or DS-BDA To 70 VRMS, 100 Watt, DS Series Transformer (Notifier DS-XF70V)	141.95	30.24
28 46 13 31-1177	EA	Analog Output Board For Digital Voice Command (Notifier DVC-AO)	296.37	30.24
28 46 13 31-1178	EA	Extended Memory For Digital Voice Command (Notifier DVC-EM)	1,651.41	30.24
28 46 13 31-1179	EA	Keypad For Digital Voice Command (Notifier DVC-KD)	499.49	60.47
28 46 13 31-1180	EA	Microphone For NFC-50/100, NFC-LOC, NFC-RPU And NFC-RM (Notifier ECC-MICROPHONE)	251.89	
28 46 13 31-1181	EA	Portable Fireman's Telephone Handset (Notifier FHS)	151.57	
28 46 13 31-1182	EA	Red, Fireman's Telephone Handset (Notifier FHS-F)	175.55	
28 46 13 31-1183	EA	Recessed, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-R)	442.18	30.24
28 46 13 31-1184	EA	Surface Mounted, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-S)	442.18	30.24
28 46 13 31-1185	EA	Fireman's Phone Jack On A Single Gang Plate (Notifier FPJ)	73.15	9.07
28 46 13 31-1186	EA	Paging Microphone Only (Notifier MIC-1)	204.20	30.24
28 46 13 31-1187	EA	Firefighter's Telephone Handset (Notifier TELH-1)	173.10	
28 46 13 31-1188	EA	Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1)	487.28	30.24
28 46 13 31-1189	EA	Remote Microphone Assembly For Mounting In A Stand Alone Cabinet (Notifier RM-1SA)	487.28	30.24

28 46 13 31-1190 Amplifiers *(28 46 13 31-0995)*

28 46 13 31-1191	EA	30 Watt Audio Amplifier At 25 VRMS, 120 Volt AC (Notifier AA-30)	926.16	30.24
28 46 13 31-1192	EA	100 Watt Audio Amplifier At 70.7 VRMS, 120 Volt AC, Tone Generator (Notifier AA-100)	2,006.90	30.24
28 46 13 31-1193	EA	120 Watt Audio Amplifier At 25 VRMS, 120 Volt AC, Tone Generator (Notifier AA-120)	1,949.85	30.24
28 46 13 31-1194	EA	Audio Coupling Transformer (Notifier ACT-1)	151.54	30.24
28 46 13 31-1195	EA	Audio Coupling Transformer For DVC-AO (Notifier ACT-4)	175.68	30.24
28 46 13 31-1196	EA	Audio Coupling Transformer For DAA-5025 (Notifier ACT-25)	175.68	30.24
28 46 13 31-1197	EA	Audio Coupling Transformer For DAA-5070 (Notifier ACT-70)	175.68	30.24
28 46 13 31-1198	EA	50 Watt, 25 Volt, 120 VAC Digital Amplifier (Notifier DAA2-5025)	1,543.62	30.24
28 46 13 31-1199	EA	50 Watt, 70 Volt, 120 VAC Digital Amplifier (Notifier DAA2-5070)	1,596.20	30.24
28 46 13 31-1200	EA	75 Watt, 25 Volt, 120 VAC Digital Amplifier (Notifier DAA2-7525)	1,657.85	30.24
28 46 13 31-1201	EA	Distributed Amplifier With Backup Capability (Notifier NFC-50/100DA) Note: Requires NFC-BDA-BU	3,015.89	30.24
28 46 13 31-1202	EA	50 Watt, 25 Volt Amplifier For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25V) Note: Requires NFC-BDA-BU	608.94	30.24
28 46 13 31-1203	EA	50 Watt, 70 Volt Amplifier For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70V) Note: Requires NFC-BDA-BU	611.66	30.24

28 46 13 31-1204 FireVoice-25/50 Emergency Voice Evacuation Control Panels *(28 46 13 31-0995)*

28 46 13 31-1205	EA	25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50)	4,936.16	604.77
28 46 13 31-1206	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50DA)	3,472.99	604.77
28 46 13 31-1207	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV-25/50DAZS)	4,523.89	604.77
28 46 13 31-1208	EA	Zoned System 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZS)	5,898.13	604.77
28 46 13 31-1209	EA	Zoned System With Telephone 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZST)	6,528.67	604.77

28 46 13 31-1210 System Printer *(28 46 13 31-0995)*

28 46 13 31-1211	EA	80 Column, 120 Volt AC, Desktop Printer (Notifier PRN-6)	1,993.74	30.24

28 46 13 31-1212 Batteries *(28 46 13 31-0995)*

28 46 13 31-1213	EA	5 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1250-BP)	570.39	30.24
28 46 13 31-1214	EA	7 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1270-BP)	435.71	30.24
28 46 13 31-1215	EA	12 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12120-BP)	569.57	30.24
28 46 13 31-1216	EA	18 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12180-BP)	336.96	30.24
28 46 13 31-1217	EA	26 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12260-BP)	466.43	30.24
28 46 13 31-1218	EA	55 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-12550)	465.34	30.24
28 46 13 31-1219	EA	100 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-121000)	733.93	30.24

28 46 13 31-1220 Battery Backboxes And Miscellaneous Mechanicals *(28 46 13 31-0995)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1221	EA	14-1/2" x 8-1/4" x 4-3/4", Holds Up To Two BAT-12180 Batteries, Battery Backbox (Notifier BB-17)	160.45	24.19
28 46 13 31-1222	EA	24" x 12.55" x 5.218", Mounts Up To Six XP6 Boards Or ACPS-610, Cabinet (Notifier BB-25) Note: XP6 modules require a CHS-6.	265.66	24.19
28 46 13 31-1223	EA	15.6" x 15.5" x 5.152", Mounts Up To Two 26 Ampere Hours And Charger, Battery Backbox (Notifier BB-26)	415.27	120.96
28 46 13 31-1224	EA	Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH)	211.49	60.47
28 46 13 31-1225	EA	Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH1)	114.90	15.12
28 46 13 31-1226	EA	Battery Bracket For Two 26 Ampere Hours Batteries (Notifier SEISKIT-BB25)	325.33	24.19
28 46 13 31-1227	EA	Two 26 Ampere Hours Battery Bracket Seismic Kit For CAB-4 Series Cabinets (Notifier SEISKIT-CAB)	212.81	24.19
28 46 13 31-1228	EA	Two 12 Ampere Hours Battery Bracket Seismic Kit For DAX, DAA, And DAA2 Series Amplifiers (Notifier SEISKIT-DAA)	235.81	24.19
28 46 13 31-1229	EA	Two 55 Ampere Hours Battery Bracket Seismic Kit For NFS-LBB (Notifier SEISKIT-LBB)	250.98	24.19
28 46 13 31-1230	EA	Two 7, 12, Or 18 Ampere Hour Battery Bracket Seismic Kit For FIREVOICE 25/50 Series (Notifier SEISKIT-2550)	370.39	24.19
28 46 13 31-1231	EA	Two 26 Ampere Hour Battery Bracket Seismic Kit For NFS-320 And BB-26 Series (Notifier SEISKIT-320/B26)	221.62	24.19
28 46 13 31-1232	EA	Two 100 Ampere Hour Battery Bracket Seismic Kit For BB-100 And BB-200 Series (Notifier SEISKIT-BB100) Note: Two kits are required for the BB-200	311.66	24.19
28 46 13 31-1233	EA	Two 18 Ampere Hour Battery Bracket Seismic Kit For BB-17 Series (Notifier SEISKIT-BB17) Note: Two kits are required for the BB-200	270.55	24.19
28 46 13 31-1234	EA	Two 26 Ampere Hour Battery Bracket Seismic Kit For BB-25 Series (Notifier SEISKIT-BB25) Note: Two kits are required for the BB-200	276.43	24.19
28 46 13 31-1235	EA	Two 7, 12, Or 18 Ampere Hour Battery Bracket Seismic Kit For SFP-5UD, SFP-10UD, Firewarden 100-2, RP-2001, And RP-2002 Series (Notifier SEISKIT-COMMENC) Note: Two kits are required for the BB-200	242.17	24.19
28 46 13 31-1236	EA	Two 7 Or 12 Ampere Hour Battery Bracket Seismic Kit For FCPS-24S6/8, CAB-PS1, SFP-2402 And SFP-2404 Series (Notifier SEISKIT-PS/2/4) Note: Two kits are required for the BB-200	227.49	24.19

28 46 13 31-1237 Power Supplies And Chargers *(28 46 13 31-0995)*

28 46 13 31-1238	EA	120 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610)	1,339.96	45.36
28 46 13 31-1239	EA	220/240 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610E)	1,405.24	45.36
28 46 13 31-1240	EA	Addressable Power Supply, 120 Volt AC For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24)	1,408.93	30.24
28 46 13 31-1241	EA	6A Auxiliary Power Supply (Notifier APS-6R)	986.87	30.24
28 46 13 31-1242	EA	10 Amperes Battery Charger (Notifier BC10A)	1,024.43	45.36
28 46 13 31-1243	EA	33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100) Note: Holds four 55 ampere hour or two 100 ampere hour batteries	564.88	36.29
28 46 13 31-1244	EA	Red, 33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100R) Note: Holds four 55 ampere hour or two 100 ampere hour batteries	571.73	36.29
28 46 13 31-1245	EA	30.34" x 36.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS2-3030 (Notifier BB-200) Note: Holds four 55 ampere hour or four 100 ampere hour batteries	793.29	36.29
28 46 13 31-1246	EA	30.34" x 36.5" x 7.5", Holds Four 55 Ampere Hours Or Four 100 Ampere Hours Batteries, For NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-200R)	793.29	36.29
28 46 13 31-1247	EA	15.218" x 14.5" x 3.562" ACPS Stand-Alone Cabinet (Notifier CAB-PS1)	201.41	30.24
28 46 13 31-1248	EA	25 To 120 Ampere Hours Battery Charger (Notifier CHG-120)	1,088.55	30.24
28 46 13 31-1249	EA	Mounts XPIQ-Ps And/Or CHS-BH In A CAB-3/4 Row, Also Mount One ACPS-610 In CAB-3 Row, Chassis Assembly (Notifier CHS-PS)	90.92	15.12
28 46 13 31-1250	EA	Door Used For Mounting ACPS-610 (E) In a CAB-PS1 Cabinet When Replacing ACPS-2406 (Notifier DR-PS1)	141.33	15.12
28 46 13 31-1251	EA	8 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8)	725.37	30.24
28 46 13 31-1252	EA	8.0 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8E)	808.78	90.71
28 46 13 31-1253	EA	Red, 8 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8R)	775.23	90.71
28 46 13 31-1254	EA	8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8)	892.18	90.71
28 46 13 31-1255	EA	8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8E)	884.93	90.71
28 46 13 31-1256	EA	Chassis Mounted, 8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CM)	848.60	45.36
28 46 13 31-1257	EA	Chassis Mounted, 8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CME)	848.60	45.36
28 46 13 31-1258	EA	12 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12)	1,048.95	45.36
28 46 13 31-1259	EA	12 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12E)	1,002.72	45.36
28 46 13 31-1260	EA	12 Amperes, 24 Volt DC, 120 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CM)	1,064.37	90.71
28 46 13 31-1261	EA	12 Amperes, 24 Volt DC, 220 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CME)	1,064.37	90.71
28 46 13 31-1262	EA	6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6)	758.92	90.71
28 46 13 31-1263	EA	6 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6E)	758.92	90.71
28 46 13 31-1264	EA	8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8)	816.94	90.71
28 46 13 31-1265	EA	8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8E)	816.94	90.71
28 46 13 31-1266	EA	6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF602ULADA)	661.91	90.71
28 46 13 31-1267	EA	9 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF902ULADA)	775.23	90.71
28 46 13 31-1268	EA	Class A Adapter HPFF8/HPFF12 (Notifier HPP31076)	165.32	15.12
28 46 13 31-1269	EA	Up To 3 Amperes, Main Power Supply And Charger (Notifier MPS-24A)	1,434.72	30.24
28 46 13 31-1270	EA	Class A (Style Y) NAC Option Module For FCPS-2406 And FCPS-2408 (Notifier ZNAC-4)	199.45	30.24
28 46 13 31-1271	EA	240 Volt AC Addressable Power Supply (Notifier AMPS-24E)	1,522.71	30.24
28 46 13 31-1272	EA	6 Amperes, 120 Volt AC Auxiliary Power Supply (Notifier APS2-6R)	785.21	90.71
28 46 13 31-1273	EA	6 Amperes, 220-240 Volt AC Auxiliary Power Supply (Notifier APS2-6RE)	816.94	90.71
28 46 13 31-1274	EA	25 To 75 Ampere Hour Sealed Lead Acid Battery Charger (Notifier CHG-75)	727.71	30.24
28 46 13 31-1275	EA	6 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S6E)	758.01	90.71
28 46 13 31-1276	EA	6 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S6R)	740.78	90.71

28 46 13 31-1277 Network Control Annunciators *(28 46 13 31-0995)*

28 46 13 31-1278	EA	Network Control Annunciator For NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2)	1,991.81	90.71
28 46 13 31-1279	EA	Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO)	81.28	18.14
28 46 13 31-1280	EA	Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit)	60.43	18.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1281		**FIRSTVISION Firefighter's Display** *(28 46 13 31-0995)*		
28 46 13 31-1282	EA	ONYX Firstvision™ Touchscreen Assembly (Notifier FIRSTVISION-LCD)	15,585.46	604.77
28 46 13 31-1283		**FlashScan Addressable Modules** *(28 46 13 31-0995)*		
28 46 13 31-1284	EA	Intelligent Addressable Control Module (Notifier FCM-1)	180.06	30.24
28 46 13 31-1285	EA	Addressable Dual Monitor Module (Notifier FDM-1)	199.81	30.24
28 46 13 31-1286	EA	Intelligent Addressable Monitor Module (Notifier FMM-1)	151.54	30.24
28 46 13 31-1287	EA	Intelligent Addressable Miniature Monitor Module (Notifier FMM-101)	136.18	30.24
28 46 13 31-1288	EA	Intelligent Addressable 4 - 20mA Analog Input Module (Notifier FMM-4-20)	268.94	30.24
28 46 13 31-1289	EA	Intelligent Addressable Relay Module (Notifier FRM-1)	169.35	30.24
28 46 13 31-1290	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1)	223.95	30.24
28 46 13 31-1291	EA	SLC Loop Powered Fault Isolator Module (Notifier ISO-X)	149.34	30.24
28 46 13 31-1292		**Addressable Device Bases And Accessories** *(28 46 13 31-0995)*		
28 46 13 31-1293	EA	Intelligent Detector Base With Flange (Notifier B710LP)	60.96	15.12
28 46 13 31-1294	EA	Weatherproof Device Housing (Notifier DH400OE-1)	445.59	30.24
28 46 13 31-1295	EA	Detector Base For All Wireless Smoke And Heat Detectors (Notifier B210W)	55.20	15.12
28 46 13 31-1296	EA	Swift AV Base Ceiling (Notifier WAV-CRL)	283.73	15.12
28 46 13 31-1297	EA	Swift AV Base Wall (Notifier WAV-RL)	283.73	15.12
28 46 13 31-1298		**XP6/XP10 Transponder** *(28 46 13 31-0995)*		
28 46 13 31-1299	EA	Synchronization Daughter Module For XP6-C (Notifier SYNC-1)	135.63	30.24
28 46 13 31-1300	EA	Six Circuit Supervised Control Module (Notifier XP6-C)	635.40	30.24
28 46 13 31-1301	EA	Six Zone Intelligent To Conventional Interface Module (Notifier XP6-MA)	767.07	30.24
28 46 13 31-1302	EA	Six Relay Control Module (Notifier XP6-R)	611.26	30.24
28 46 13 31-1303	EA	Ten Input Monitor Module (Notifier XP10-M)	734.15	30.24
28 46 13 31-1304		**LCD Display Annunciators** *(28 46 13 31-0995)*		
28 46 13 31-1305	EA	80 Character LCD Fire Annunciator For FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80)	834.26	90.71
28 46 13 31-1306	EA	80 Character LCD Annunciator For NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80)	1,157.94	90.71
28 46 13 31-1307	EA	640 Character LCD Annunciator For NFS-3030 And NFS2-3030 (Notifier LCD-160)	1,197.44	90.71
28 46 13 31-1308	EA	8 To 16 Switch Smoke Control Expander (Notifier SCE-8)	808.23	30.24
28 46 13 31-1309	EA	8 To 16 Switch Smoke Control Lamp Driver Expander (Notifier SCE-8L)	431.41	30.24
28 46 13 31-1310	EA	Eight Switch Smoke Control Master Module (Notifier SCS-8)	1,045.08	30.24
28 46 13 31-1311	EA	White, 80 Character Display, Remote LCD Annunciator (Notifier N-ANN-80-W)	551.31	90.71
28 46 13 31-1312		**ONYX ACM And AEM Series LED Annunciators** *(28 46 13 31-0995)*		
28 46 13 31-1313	EA	Remote, Eight Form C Relay Module (Notifier ACM-8R)	465.67	30.24
28 46 13 31-1314	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Controls Switches, Annunciator Control Module (Notifier ACM-16AT)	838.38	30.24
28 46 13 31-1315	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Control Switches, Annunciator Expander Module (Notifier AEM-16AT)	644.18	30.24
28 46 13 31-1316	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Control Module (Notifier ACM-24AT)	838.38	30.24
28 46 13 31-1317	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Expander Module (Notifier AEM-24AT)	644.18	30.24
28 46 13 31-1318	EA	32 Alarm LEDs And 1 Trouble LED, Control Module (Notifier ACM-32A)	644.18	30.24
28 46 13 31-1319	EA	32 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-32A)	578.35	30.24
28 46 13 31-1320	EA	48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A)	644.18	30.24
28 46 13 31-1321	EA	48 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-48A)	578.35	30.24
28 46 13 31-1322		**Graphic Annunciator - Lamp Driver Modules** *(28 46 13 31-0995)*		
28 46 13 31-1323	EA	Single Annunciator Flush Mounted Backbox (Notifier ABF-1B)	281.15	60.47
28 46 13 31-1324	EA	Single Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-1DB)	304.19	60.47
28 46 13 31-1325	EA	Two Annunciator Flush Mounted Backbox (Notifier ABF-2B)	351.98	75.60
28 46 13 31-1326	EA	Two Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-2DB)	381.60	75.60
28 46 13 31-1327	EA	Four Annunciator Flush Mounted Backbox (Notifier ABF-4B)	608.86	105.83
28 46 13 31-1328	EA	Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1)	108.16	18.14
28 46 13 31-1329	EA	Single Annunciator Surface Mounted Backbox (Notifier ABS-1B)	187.34	60.47
28 46 13 31-1330	EA	Single Annunciator Surface Mounted Backbox With Trim (Notifier ABS-1TB)	198.88	15.12
28 46 13 31-1331	EA	Two Annunciator Surface Mounted Backbox (Notifier ABS-2B)	229.58	60.47
28 46 13 31-1332	EA	12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Backbox (Notifier ABS-2D)	396.96	75.60
28 46 13 31-1333	EA	Red, Surface (Or Semi-Flush) Mounted Backbox For ACS Annunciators, SCS Series, NCA And NCA-2 (Notifier ABS-2DR)	376.81	15.12
28 46 13 31-1334	EA	Black, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4D)	638.48	105.83
28 46 13 31-1335	EA	Red, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4DR)	638.15	18.14
28 46 13 31-1336	EA	Black, 9-15/16" x 4-5/8" x 2-1/2" Surface Backbox (Notifier ABS-8RB)	238.69	24.19
28 46 13 31-1337	EA	Annunciator Key Switch (Notifier AKS-1B)	101.58	9.07
28 46 13 31-1338	EA	Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D)	107.10	30.24
28 46 13 31-1339	EA	32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32)	578.35	30.24
28 46 13 31-1340	EA	24" Lamp Driver Annunciator Cable (Notifier LDM-CBL24)	176.04	6.04
28 46 13 31-1341	EA	48" Lamp Driver Annunciator Cable (Notifier LDM-CBL48)	220.08	6.04
28 46 13 31-1342	EA	32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32)	478.50	30.24
28 46 13 31-1343	EA	Lamp Driver Module (Notifier LDM-R32)	858.14	30.24
28 46 13 31-1344	EA	Eight Switch Smoke Control Lamp Driver Master Module (Notifier SCS-8L)	796.48	30.24
28 46 13 31-1345	EA	48" Cable Assembly For Smoke Control Lamp Driver (Notifier SCS8L-CBL48)	225.95	6.04
28 46 13 31-1346	EA	Black, Trim Ring For ABS-2D Cabinet (Notifier TR-ABS2D)	206.10	18.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1347	EA	Black, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4D)	143.05	18.14
28 46 13 31-1348	EA	Red, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4DR)	143.05	18.14
28 46 13 31-1349	EA	Graphic Annunciator Dress Plate (Notifier DP-GDIS1)	197.29	18.14
28 46 13 31-1350	EA	Graphic Annunciator Dress Plate (Notifier DP-GDIS2)	197.29	18.14
28 46 13 31-1351	EA	Input/Output Module For Driving Graphic Annunciators Or Relays (Notifier N-ANN-RLED)	550.00	30.24
28 46 13 31-1352		**Network Gateways** *(28 46 13 31-0995)*		
28 46 13 31-1353	EA	Common Alerting Protocol Gateway (Notifier CAP-GW)	2,870.84	30.24
28 46 13 31-1354	EA	Fiber-Optic Cable Interface (Multi-Mode), High-Speed Network Communications Module (Notifier HS-NCM-MF)	2,138.33	30.24
28 46 13 31-1355	EA	Fiber-Optic Cable Interface (Multi-Mode Fiber To Single-Mode Fiber), High-Speed Network Communications Module (Notifier HS-NCM-MFSF)	2,408.49	30.24
28 46 13 31-1356	EA	Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-SF)	2,653.26	30.24
28 46 13 31-1357	EA	Twisted-Pair Wire Interface, High-Speed Network Communications Module (Notifier HS-NCM-W)	2,157.37	30.24
28 46 13 31-1358	EA	Wire And Fiber-Optic Cable Interface, High-Speed Network Communications Module (Multi-Mode) (Notifier HS-NCM-WMF)	2,099.35	30.24
28 46 13 31-1359	EA	Wire And Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-WSF)	2,363.16	30.24
28 46 13 31-1360	EA	Modbus Gateway (Notifier MODBUS-GW)	2,354.09	30.24
28 46 13 31-1361	EA	22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW)	2,727.01	19.95
28 46 13 31-1362	EA	Capacitive Touch-Screen, 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW-TS)	4,050.61	19.95
28 46 13 31-1363	EA	1920x1080P Wide Screen (Notifier MON-42LCDW)	12,817.14	19.95
28 46 13 31-1364	EA	Single Monitor, Wall Mounted, Horizontal, Tilt, Bracket (Notifier MON-42HORZ-SD)	771.48	45.36
28 46 13 31-1365	EA	Single Monitor, Vertical Mounted, Bracket (Notifier MON-42VERT-SD)	1,429.04	45.36
28 46 13 31-1366	EA	Dual Monitors, Vertical Wall Mounted, Fixed Position, Bracket (Notifier MON-42VERT-DD)	2,094.33	45.36
28 46 13 31-1367	EA	Mass Notification Voice Paging (Notifier NOTIFY-IP)	1,073.38	
28 46 13 31-1368	EA	Embedded NFN Gateway (Notifier NFN-GW-EM)	2,408.48	30.24
28 46 13 31-1369	EA	NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F)	2,408.48	30.24
28 46 13 31-1370	EA	High Speed NFN Gateway PC Card For Multimode Fiber (Included With ONYXworks-HNMF) (Notifier NFN-GW-PC-HNMF)	3,260.66	30.24
28 46 13 31-1371	EA	High Speed NFN Gateway PC Card For Single Mode Fiber (Included With ONYXworks-HNSF) (Notifier NFN-GW-PC-HNSF)	3,795.54	30.24
28 46 13 31-1372	EA	High Speed NFN Gateway PC Card For Wire (Included With ONYXworks-HNW) (Notifier NFN-GW-PC-HNW)	3,260.66	30.24
28 46 13 31-1373	EA	NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W)	2,408.48	30.24
28 46 13 31-1374	EA	Alpha-Numeric Pager Option For ONYXworks (Notifier ONYX-PAGER)	1,624.56	
28 46 13 31-1375	EA	ONYXWorks Workstation (Notifier ONYXWORKS-WS)	24,497.37	725.72
28 46 13 31-1376	EA	Fiber Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NW) Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	6,430.71	
28 46 13 31-1377	EA	Wired Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NF) Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	6,430.71	
28 46 13 31-1378	EA	Fiber Optics, Standard Network Repeater Board (Notifier RPT-F)	1,003.30	30.24
28 46 13 31-1379	EA	Wire, Standard Network Repeater Board (Notifier RPT-W)	819.27	30.24
28 46 13 31-1380	EA	Wire To Fiber Optics, Standard Network Repeater Board (Notifier RPT-WF)	972.48	30.24
28 46 13 31-1381	EA	Signaling Line Circuit Integration Module (Notifier SLC-IM)	1,083.99	30.24
28 46 13 31-1382	EA	VESDA Gateway That Provides A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VESDA-HLI-GW)	2,245.30	30.24
28 46 13 31-1383	EA	Vesda™ High Level Interface Card Used With SLC-IM And Vesda-HLI-GW To Provide A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VHX-1420-HFS)	2,783.54	30.24
28 46 13 31-1384	EA	Windows Hard Drive Upgrade (Notifier WIN7-UG-US-3)	3,094.40	
28 46 13 31-1385	EA	Intuitive Color 10" Touch Screen Providing Color Coded Information Of Detailed System Status (Notifier NCD)	1,390.73	19.95
28 46 13 31-1386	EA	SWIFT Wireless Gateway With Flashscan (Notifier FWSG)	473.95	30.24
28 46 13 31-1387		**NOTI-FIRE-NET Network Components** *(28 46 13 31-0995)*		
28 46 13 31-1388	EA	Interface Between NOTI-FIRE-NET 50 And BACnet (Notifier BACNET-GW-3)	2,408.48	30.24
28 46 13 31-1389	EA	Fiber Optic Network Communications Module (Notifier NCM-F)	1,077.57	30.24
28 46 13 31-1390	EA	NOTI-FIRE-NET Web Server (Notifier NWS)	2,408.48	30.24
28 46 13 31-1391	EA	Wired Network Communications Module (Notifier NCM-W)	1,027.10	30.24
28 46 13 31-1392	EA	Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit)	130.48	15.12
28 46 13 31-1393		**FireWarden Addressable Fire Panels** *(28 46 13 31-0995)*		
28 46 13 31-1394	EA	50 Point, Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50)	2,257.36	604.77
28 46 13 31-1395	EA	Black, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100)	2,646.86	604.77
28 46 13 31-1396	EA	Black, One DC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100C)	2,756.14	302.38
28 46 13 31-1397	EA	Black, One SLC Loop, 240 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100E)	2,756.14	302.38
28 46 13 31-1398	EA	Red, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100R)	2,745.26	302.38
28 46 13 31-1399	EA	Black, Built In Digital Alarm Communicator/Transmitter (DACT) With Modem For Remote Upload/Download, Built In Annunciator, 50 Point Addessable Fire Alarm Control Panel (Notifier NFW-50C)	3,116.95	302.38
28 46 13 31-1400	EA	Red, Built In Digital Alarm Communicator/Transmitter (DACT) With Modem For Remote Upload/Download, 50 Point Addessable Fire Alarm Control Panel (NFW-50R)	2,304.67	302.38
28 46 13 31-1401		**FireWarden Accessories** *(28 46 13 31-0995)*		
28 46 13 31-1402	EA	Intelligent Multicriteria Photo/Thermal Detector With Base (Notifier NP-A100)	206.20	45.36
28 46 13 31-1403	EA	Intelligent Addressable Photo/Thermal Detector With Base (Notifier NP-100T)	196.41	45.36

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	MINOR DEMOLITION UNIT COST
28 46 13 31-1404		**FireWarden Devices** *(28 46 13 31-0995)*		
28 46 13 31-1405	EA	SLC Loop Powered Fault Isolator Module (Notifier N100-ISO)	148.25	30.24
28 46 13 31-1406	EA	Intelligent Addressable Control Module (Notifier NC-100)	174.58	30.24
28 46 13 31-1407	EA	Intelligent Addressable Relay Module (Notifier NC-100R)	168.00	30.24
28 46 13 31-1408	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100)	460.95	45.36
28 46 13 31-1409	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R)	557.95	45.36
28 46 13 31-1410	EA	Two Zone Intelligent Addressable, Two Wire Detector Monitor Module (Notifier NDM-100)	168.00	30.24
28 46 13 31-1411	EA	Intelligent Addressable Thermal Detector With Base (Notifier NH-100)	176.29	45.36
28 46 13 31-1412	EA	Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H)	176.29	45.36
28 46 13 31-1413	EA	Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R)	176.29	45.36
28 46 13 31-1414	EA	Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100)	233.35	45.36
28 46 13 31-1415	EA	Intelligent Addressable Monitor Module (Notifier NMM-100)	146.05	30.24
28 46 13 31-1416	EA	Intelligent Addressable Mini Monitor Module (Notifier NMM-100P)	133.43	30.24
28 46 13 31-1417	EA	Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX)	194.88	30.24
28 46 13 31-1418	EA	Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100)	183.97	45.36
28 46 13 31-1419	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100)	217.37	30.24
28 46 13 31-1420	EA	Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6)	749.51	30.24
28 46 13 31-1421		**SFP-2402 And SFP-2404 2 And 4-Zone Control Panels And Accessories** *(28 46 13 31-0995)*		
28 46 13 31-1422	EA	120 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402)	1,516.22	483.81
28 46 13 31-1423	EA	120 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404)	1,657.76	483.81
28 46 13 31-1424	EA	240 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402E)	1,161.40	151.19
28 46 13 31-1425	EA	240 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404E)	1,305.55	151.19
28 46 13 31-1426	EA	Class A Converter Module (Notifier CAC-4)	386.39	30.24
28 46 13 31-1427	EA	Internal Dress Plate, Required For FM And ULC (Notifier DP-4X)	142.24	18.14
28 46 13 31-1428	EA	Remote Zone Annunciator (Notifier RZA-4X)	211.09	45.36
28 46 13 31-1429	EA	Red, Dress Panel (Notifier DP-51050)	170.87	18.14
28 46 13 31-1430	EA	Black, Dress Panel (Notifier DP-51050B)	172.82	18.14
28 46 13 31-1431		**SFP-5UD 5 Zone Control Panels And Accessories** *(28 46 13 31-0995)*		
28 46 13 31-1432	EA	120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD)	2,301.24	604.77
28 46 13 31-1433	EA	120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDC)	4,166.04	453.57
28 46 13 31-1434	EA	240 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDE)	2,748.99	302.38
28 46 13 31-1435	EA	Red, 120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDR)	2,748.99	302.38
28 46 13 31-1436	EA	Class A Converter Module (Notifier N-CAC-5X)	400.09	30.24
28 46 13 31-1437	EA	Red, Trim Ring For NFW2-100, NFW-50, SFB-5UD, SFB-10UD, RP-2001, RP-2002 Cabinet (Notifier TR-CE)	153.74	18.14
28 46 13 31-1438	EA	Five Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply, ULC/UL Listed (Notifier SFP-5UDC) Note: Includes internal dress panel with built-in annunciator module	3,483.30	453.57
28 46 13 31-1439	EA	240 Volt AC, Five Zone Conventional Fire Control Panel With DACT And 3 Amperes Power Supply (Notifier SFP-5UDE)	2,308.29	302.38
28 46 13 31-1440	EA	Red, 120 Volt AC, Five Zone Conventional Fire Control Panel Wth DACT And 3 Amperes Power Supply (Notifier SFP-5UDR)	2,289.25	302.38
28 46 13 31-1441		**SFP-10UD 10 Zone Control Panels And Accessories** *(28 46 13 31-0995)*		
28 46 13 31-1442	EA	120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDC)	5,072.51	604.77
28 46 13 31-1443	EA	240 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDE)	3,793.17	453.57
28 46 13 31-1444	EA	120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFP-10UD)	2,608.46	604.77
28 46 13 31-1445	EA	Red, 120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDR)	4,397.93	604.77
28 46 13 31-1446	EA	Four Channel, Dual Line, Stand Alone Fire Alarm Communicator (Fire-Lite 411UDAC)	651.03	90.71
28 46 13 31-1447	EA	10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply, ULC/UL Listed (Notifier SFP-10UDC) Note: Includes internal dress panel with built-in annunciator module	4,306.54	604.77
28 46 13 31-1448	EA	240 Volt AC, 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply (Notifier SFP-10UDE)	3,214.04	453.57
28 46 13 31-1449	EA	Red, 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply (Notifier SFP-10UDR)	3,796.14	604.77
28 46 13 31-1450		**Smoke Detectors** *(28 46 13 31-0995)*		
28 46 13 31-1451	EA	Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851)	248.71	45.36
28 46 13 31-1452	EA	Intelligent Addressable Laser Smoke Detector (Notifier FSL-751)	408.90	45.36
28 46 13 31-1453	EA	Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D)	1,384.12	45.36
28 46 13 31-1454	EA	Remote Test Capable Intelligent Addressable Photo Detector (Notifier NP-100R) Note: For use with DNR(W) duct detector housing.	185.65	45.36
28 46 13 31-1455	EA	Filters For Harsh Detector (Notifier RF-FTX)	22.70	
28 46 13 31-1456	EA	Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS151KEY)	151.26	30.24
28 46 13 31-1457	EA	Addressable Beam Detector With Reflector, UL Listed (Notifier FS-OSI-RI)	1,582.92	45.36
28 46 13 31-1458	EA	Intelligent Addressable Photo Detector With Flashscan, White (Notifier FSP-951)	192.74	45.36
28 46 13 31-1459	EA	Intelligent Addressable Photo Detector With Flashscan And Clip, Ivory (Notifier FSP-951-IV)	208.89	45.36
28 46 13 31-1460	EA	Remote Test Capable Intelligent Photo Detector With Flashscan, White (Notifier FSP-951R)	200.82	45.36
28 46 13 31-1461	EA	Remote Test Capable Intelligent Photo Detector With Flashscan And Clip, Ivory (Notifier FSP-951R-IV)	215.50	45.36
28 46 13 31-1462	EA	Intelligent Addressable Photo/Thermal Detector With Flashscan, White (Notifier FSP-951T)	201.80	45.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1463	EA	Intelligent Addressable Photo/Thermal Detector With Flashscan, Ivory (Notifier FSP-951T-IV)	216.48	45.36
28 46 13 31-1464	EA	Intelligent Addressable 135 Degree Thermal Detector With Flashscan, White (Notifier FST-951)	167.05	45.36
28 46 13 31-1465	EA	Intelligent Addressable High Temperature 190 Degree Heat Detector With Flashscan (Notifier FST-951H)	167.05	45.36
28 46 13 31-1466	EA	Intelligent Addressable High Temperature 190 Degree Heat Detector With Flashscan And Clip, Ivory (Notifier FST-951H-IV)	180.75	45.36
28 46 13 31-1467	EA	Intelligent Addressable 135 Degree Thermal Detector With Flashscan And Clip, Ivory (Notifier FST-951-IV)	180.75	45.36
28 46 13 31-1468	EA	Intelligent Addressable Rate-of-Rise Thermal Detector With Flashscan, White (Notifier FST-951R)	167.05	45.36
28 46 13 31-1469	EA	Intelligent Addressable Rate-of-Rise Thermal Detector With Flashscan And Clip, Ivory (Notifier FST-951R-IV)	180.75	45.36
28 46 13 31-1470	EA	Low Profile Intelligent Addressable High Sensitivity Detector With Flashscan, White (Notifier FSV-951R)	421.52	45.36
28 46 13 31-1471	EA	Low Profile Intelligent Addressable High Sensitivity Detector With Flashscan, Ivory (Notifier FSV-951R-IV)	450.89	45.36
28 46 13 31-1472	EA	Wireless Photo-Heat Detector, Acclimate, With Flashscan (Notifier FWD-200ACCLIMATE) Note: Requires B210W base, ordered separately	420.55	45.36
28 46 13 31-1473	EA	Wireless Photo Detector With Flashscan (Notifier FWD-200P) Note: Requires B210W base, ordered separately	388.25	45.36
28 46 13 31-1474	EA	Wireless Fixed Temp Heat Detector, 135 Degree, With Flashscan (Notifier FWH-200FIX135) Note: Requires B210W base, ordered separately	353.99	45.36
28 46 13 31-1475	EA	Wireless ROR Heat Detector, 135 Degree, With Flashscan (Notifier FWH-200ROR135) Note: Requires B210W base, ordered separately	353.99	45.36
28 46 13 31-1476	EA	Intelligent Addressable Carbon Monoxide Detector With Flashscan (Notifier FPC-951)	261.99	45.36
28 46 13 31-1477	EA	Built In Circular Display, 3 Alarm Levels, Smoke Detector (Notifier VLF-250) Note: Use for areas up to 2,500 square feet. Adjustable sensitivity range is 0.008 - 6% ro 6.4 /Ft. Obs.	2,426.94	45.36
28 46 13 31-1478	EA	Built In Circular Display, 3 Alarm Levels, Smoke Detector (Notifier VLF-500) Note: Use for areas up to 2,500 square feet. Adjustable sensitivity range is 0.008 - 6% ro 6.4 /Ft. Obs.	2,970.97	45.36
28 46 13 31-1479		**Pull Stations** *(28 46 13 31-0995)*		
28 46 13 31-1480	EA	Trim Ring For NBG12 Series Pull Station (Notifier BG12TR)	32.46	6.04
28 46 13 31-1481	EA	One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2)	85.94	15.12
28 46 13 31-1482	EA	Red, One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2R)	70.96	15.12
28 46 13 31-1483	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1)	113.85	30.24
28 46 13 31-1484	EA	DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1F)	125.45	30.24
28 46 13 31-1485	EA	Terminal Switch, DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1FTS)	171.09	30.24
28 46 13 31-1486	EA	Red Body, Silver Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1R)	113.85	30.24
28 46 13 31-1487	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TS)	130.87	30.24
28 46 13 31-1488	EA	Standard Local Style Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TSL)	130.87	30.24
28 46 13 31-1489	EA	Terminal Strip, Red Body, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1TSR)	130.87	30.24
28 46 13 31-1490	EA	Red Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1)	123.91	30.24
28 46 13 31-1491	EA	Red Body, Silver Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1R)	133.96	30.24
28 46 13 31-1492	EA	Hazardous, Non-Hazardous, Weatherproof, Harsh Locations Fire Alarm Pull Station (Notifier HAZ-WP-PULL)	812.33	36.29
28 46 13 31-1493	EA	Red, Single Action Fire Alarm Pull Station (Notifier NBG-12S)	96.78	30.24
28 46 13 31-1494	EA	Red, Dual Action Fire Alarm Pull Station (Notifier NBG-12)	100.99	30.24
28 46 13 31-1495	EA	Red, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12L)	105.73	30.24
28 46 13 31-1496	EA	Red, Outdoor, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LOB)	231.66	36.29
28 46 13 31-1497	EA	Red, Presignal, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LPS)	147.33	30.24
28 46 13 31-1498	EA	Red, Agent Releasing, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LR)	125.07	30.24
28 46 13 31-1499	EA	Addressable Manual Dual Action Fire Alarm Pull Station (Notifier NBG-12LX)	195.97	30.24
28 46 13 31-1500	EA	Pull Station Trim Plate For New York City, For Use With All NBG Series Pull Stations (Notifier NY-PLATE)	63.16	6.04
28 46 13 31-1501	EA	Dual Action, Wireless Pull Station (Notifier NBG-12WL)	410.24	36.29
28 46 13 31-1502		**Rate Compensation Heat Detectors** *(28 46 13 31-0995)*		
28 46 13 31-1503	EA	135 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-135)	187.26	45.36
28 46 13 31-1504	EA	194 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-194)	187.26	45.36
28 46 13 31-1505		**FM Series Door Releases** *(28 46 13 31-0995)*		
28 46 13 31-1506	EA	1/2" Door Holder Spacer (Notifier FM900-50)	31.31	9.07
28 46 13 31-1507	EA	3/4" Door Holder Spacer (Notifier FM900-75)	31.31	9.07
28 46 13 31-1508	EA	1" Door Holder Spacer (Notifier FM900-100)	31.31	9.07
28 46 13 31-1509	EA	Door Holder Extension Kit (Notifier FM900)	32.95	9.07
28 46 13 31-1510	EA	90 Degree Door Holder Extension Kit (Notifier FM900-Z)	33.50	9.07
28 46 13 31-1511	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mounted, Door Holder (Notifier FM980)	223.47	45.36
28 46 13 31-1512	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mounted, Door Holder (Notifier FM996)	196.04	45.36
28 46 13 31-1513	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mounted, Concealed Wiring, Door Holder (Notifier FM998)	196.04	45.36
28 46 13 31-1514		**Multicriteria Fire Detector** *(28 46 13 31-0995)*		
28 46 13 31-1515	EA	Intelligent Addressable Combination Multi-Criteria Fire/Carbon Monoxide Detector With Flashscan (Notifier FCO-851)	310.93	45.36
28 46 13 31-1516	EA	Intelligent Addressable Multicriteria Fire Detector (Notifier FSC-851) Note: Detects fire, thermal, photo, CO and IR, with Flashscan.	309.95	45.36
28 46 13 31-1517	EA	Multi-Criteria Photo/Temp/Infrared Detector, White (Notifier FPTI-951)	206.20	45.36
28 46 13 31-1518	EA	Multi-Criteria Photo/Temp/Infrared Detector, Ivory (Notifier FPTI-951-IV)	213.05	45.36
28 46 13 31-1519	EA	Intelligent Addressable Combination Multi-Criteria Photoelectric And Carbon Monoxide Detector With Flashscan (Notifier FSCO-951)	310.93	45.36
28 46 13 31-1520		**Modules** *(28 46 13 31-0995)*		
28 46 13 31-1521	EA	Intelligent Addressable Dual Monitor/Dual Relay Module (Notifier FDRM-1)	364.86	30.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1522	EA	Addressable Firephone Control Module (Notifier FTM-1)	228.81	30.24
28 46 13 31-1523	EA	Wireless Monitor Module With Flashscan (Notifier FW-MM)	353.11	30.24
28 46 13 31-1524	EA	Wireless Relay Module With Flashscan (Notifier FW-RM)	406.94	30.24
28 46 13 31-1525	EA	Wireless Sync Module (Notifier W-SYNC)	389.55	30.24
28 46 13 31-1526		**DH Series Door Releases** *(28 46 13 31-0995)*		
28 46 13 31-1527	EA	Semi-Flush, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120FPC)	196.17	45.36
28 46 13 31-1528	EA	Semi-Flush, Plated Brass, Electromagnetic Door Holder (Notifier DH24120FB)	208.16	45.36
28 46 13 31-1529	EA	Semi-Flush, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120FD)	219.41	45.36
28 46 13 31-1530	EA	Surface Mounted, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120SPC)	216.48	45.36
28 46 13 31-1531	EA	Surface Mounted, Plated Brass, Electromagnetic Door Holder (Notifier DH24120SB)	226.27	45.36
28 46 13 31-1532	EA	Surface Mounted, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120SPD)	234.58	45.36
28 46 13 31-1533	EA	Recessed, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120WPC)	196.17	45.36
28 46 13 31-1534	EA	Recessed, Plated Brass, Electromagnetic Door Holder (Notifier DH24120WB)	206.69	45.36
28 46 13 31-1535	EA	Recessed, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120WD)	219.41	45.36
28 46 13 31-1536	EA	Floor Mounted, Single Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC1)	246.33	45.36
28 46 13 31-1537	EA	Floor Mounted, Single Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB1)	261.99	45.36
28 46 13 31-1538	EA	Floor Mounted, Single Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD1)	280.10	45.36
28 46 13 31-1539	EA	Floor Mounted, Double Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC2)	284.50	45.36
28 46 13 31-1540	EA	Floor Mounted, Double Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB2)	303.10	45.36
28 46 13 31-1541	EA	Floor Mounted, Double Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD2)	325.61	45.36
28 46 13 31-1542	EA	0.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE.5PC)	22.82	6.04
28 46 13 31-1543	EA	0.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE.5B)	22.82	6.04
28 46 13 31-1544	EA	0.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE.5D)	24.82	6.04
28 46 13 31-1545	EA	1" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1PC)	22.82	6.04
28 46 13 31-1546	EA	1" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1B)	22.82	6.04
28 46 13 31-1547	EA	1" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1D)	24.82	6.04
28 46 13 31-1548	EA	1.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5PC)	23.84	6.04
28 46 13 31-1549	EA	1.5" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5APC)	23.84	6.04
28 46 13 31-1550	EA	1.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1.5B)	24.82	6.04
28 46 13 31-1551	EA	1.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1.5D)	25.95	6.04
28 46 13 31-1552	EA	2" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2PC)	25.95	6.04
28 46 13 31-1553	EA	2" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2APC)	25.95	6.04
28 46 13 31-1554	EA	2" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE2B)	26.98	6.04
28 46 13 31-1555	EA	2" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE2D)	26.98	6.04
28 46 13 31-1556	EA	3" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE3PC)	26.98	6.04
28 46 13 31-1557	EA	3" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE3B)	28.10	6.04
28 46 13 31-1558	EA	3" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE3D)	28.10	6.04
28 46 13 31-1559	EA	4" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4PC)	29.13	6.04
28 46 13 31-1560	EA	4" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4APC)	29.13	6.04
28 46 13 31-1561	EA	4" Adjustable Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE4AB)	30.26	6.04
28 46 13 31-1562	EA	4" Adjustable Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE4AD)	33.44	6.04
28 46 13 31-1563	EA	5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE5PC)	32.36	6.04
28 46 13 31-1564	EA	5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE5B)	31.28	6.04
28 46 13 31-1565	EA	5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE5D)	33.44	6.04
28 46 13 31-1566	EA	Catch Plate, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHCPC)	31.99	9.07
28 46 13 31-1567	EA	Catch Plate, Plated Brass For Electromagnetic Door Holder (Notifier DHCPB)	33.02	9.07
28 46 13 31-1568	EA	Catch Plate, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHCPD)	36.30	9.07
28 46 13 31-1569	EA	Swivel Base, Powder Coated Chrome, For Electromagnetic Door Holder (Notifier DHSBPC)	57.58	9.07
28 46 13 31-1570	EA	Swivel Base, Plated Brass, For Electromagnetic Door Holder (Notifier DHSBB)	60.72	9.07
28 46 13 31-1571	EA	Swivel Base, Powder Coated Dark Bronze, For Electromagnetic Door Holder (Notifier DHSBD)	63.85	9.07
28 46 13 31-1572	EA	Surface Mounted Backbox, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHBBPC)	54.71	15.12
28 46 13 31-1573	EA	Surface Mounted Backbox, Plated Brass For Electromagnetic Door Holder (Notifier DHBBB)	56.86	15.12
28 46 13 31-1574	EA	Surface Mounted Backbox, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHBBD)	61.17	15.12
28 46 13 31-1575	EA	Swivel Base Mounting Drill Fixture For Electromagnetic Door Holder (Notifier DHDF)	302.43	
28 46 13 31-1576		**First Command** *(28 46 13 31-0995)*		
28 46 13 31-1577	EA	Black, 120 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100)	5,988.31	755.95
28 46 13 31-1578	EA	Black, 220-240 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100E)	6,042.71	755.95
28 46 13 31-1579	EA	Black, 120 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DA)	1,564.60	60.47
28 46 13 31-1580	EA	Black, 220-240 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DAE)	1,605.39	60.47
28 46 13 31-1581	EA	Black, 120 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DA)	2,834.70	60.47
28 46 13 31-1582	EA	Black, , 220-240 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DAE)	2,925.36	60.47
28 46 13 31-1583	EA	50 Watt, 25 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25 Volt)	872.75	30.24
28 46 13 31-1584	EA	50 Watt, 70 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70 Volt)	872.75	30.24
28 46 13 31-1585	EA	Circuit Expander Module For NFC-50/125DA(E), Four Additional Class A/B Speaker Circuits (Notifier NFC-CE4)	455.88	30.24
28 46 13 31-1586	EA	Circuit Expander Module For NFC-50/100(E), Six Additional Class A/B Speaker Circuits (Notifier NFC-CE6)	594.44	30.24
28 46 13 31-1587	EA	Standalone Firefighter Telephone System (Notifier NFC-FFT) Note: Includes onboard SLC supports up to 24 monitor modules, built-in handset, black.	2,104.91	60.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1588	EA	Local Operator Console (Notifier NFC-LOC) Note: Includes built-in microphone, message and zone control switches, black.	2,061.40	60.47
28 46 13 31-1589	EA	Black, Remote Microphone (Notifier NFC-RM)	592.30	
28 46 13 31-1590	EA	Remote Page Unit (Notifier NFC-RPU) Note: Includes built-in microphone, message control switches, black.	1,748.63	60.47
28 46 13 31-1591	EA	70 V Conversion Module For NFC-50/100 (Notifier NFC-XRM-70V)	347.24	30.24
28 46 13 31-1592	EA	Firefighters Phone Jack (Notifier N-FPJ)	157.61	9.07
28 46 13 31-1593	EA	Thumblatch Option For NFC-LOC And NFC-RPU (Notifier THUMBLTCH)	45.15	9.07
28 46 13 31-1594	EA	Black, Trim Ring For NFC-RPU Cabinet (Notifier TR-6-B)	143.22	18.14
28 46 13 31-1595		**LED Displays** *(28 46 13 31-0995)*		
28 46 13 31-1596	EA	2.1" x 27" Programmable LED Indoor Display (Notifier ALPHA-215)	1,624.62	36.29
28 46 13 31-1597	EA	Instant And Integrated Emergency Notification System (Notifier LEDSIGN-GW)	2,282.50	48.38
28 46 13 31-1598	EA	4" x 45-1/2" Programmable LED Array, Mass Notification Device (Notifier MEGADOT)	2,308.79	48.38
28 46 13 31-1599	EA	8 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL8)	2,218.13	48.38
28 46 13 31-1600	EA	16 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL16)	3,097.51	48.38
28 46 13 31-1601	EA	LED Sign, Instant And Integrated Emergency Notification System (Notifier OAX2-24V)	2,354.12	48.38
28 46 13 31-1602		**Control Relays** *(28 46 13 31-0995)*		
28 46 13 31-1603	EA	Single SPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-101/CR)	72.03	15.12
28 46 13 31-1604	EA	Single SPDT Relay With LED With Track Mounting Hardware (Notifier MR-101/T)	55.49	15.12
28 46 13 31-1605	EA	Four Position SPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-104/CR)	195.05	30.24
28 46 13 31-1606	EA	Four Position SPDT Relay With LED With Track Mounting Hardware (Notifier MR-104/T)	108.78	15.12
28 46 13 31-1607	EA	Four Position DSPDT Relay With LED With Track Mounting Hardware (Notifier MR-204/T)	129.09	15.12
28 46 13 31-1608	EA	24 Volt DC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-13C)	200.43	30.24
28 46 13 31-1609	EA	120 Volt AC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-14C)	200.43	30.24
28 46 13 31-1610	EA	Single DPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-201/CR)	105.49	30.24
28 46 13 31-1611	EA	Single DPDT Relay With LED With Track Mounting Hardware (Notifier MR-201/T)	59.80	15.12
28 46 13 31-1612	EA	Four Position DPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-204/CR)	212.66	30.24
28 46 13 31-1613	EA	24 Volt DC / 24 Volt AC / 115 Volt AC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-1)	78.28	30.24
28 46 13 31-1614	EA	12/24 Volt DC, 7 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-2)	78.28	30.24
28 46 13 31-1615	EA	9 To 40 Volt DC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-4)	78.28	30.24
28 46 13 31-1616		**Gamewell-FCI Fire Control Instruments** *(28 46 13 31-0995)*		
28 46 13 31-1617		**7100 Series And NetSOLO®** *(28 46 13 31-1616)*		
28 46 13 31-1618		**7100 Compact Analog Addressable Fire Alarm Control Panels** *(28 46 13 31-1617)*		
28 46 13 31-1619	EA	Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M)	1,109.25	362.86
28 46 13 31-1620	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2)	4,770.55	604.77
28 46 13 31-1621	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D)	5,216.95	604.77
28 46 13 31-1622	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2-E)	4,770.55	604.77
28 46 13 31-1623	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2D-E)	5,216.95	604.77
28 46 13 31-1624	EA	Removal And Replacement Of Board For 7100-1D (Gamewell-FCI BSM-7100-1)	1,496.33	
28 46 13 31-1625	EA	Removal And Replacement Of Board For 7100-2 (Gamewell-FCI BSM-7100-1D)	1,794.98	
28 46 13 31-1626	EA	Analog Loop Unit (Gamewell-FCI ALU)	1,794.98	60.47
28 46 13 31-1627		**NetSOLO® Intelligent Network** *(28 46 13 31-1617)*		
28 46 13 31-1628	EA	Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO) Note: Mounted in 7100 panel.	1,991.46	60.47
28 46 13 31-1629	EA	Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP) Note: Mounted in 7100 panel.	1,581.21	60.47
28 46 13 31-1630		**Components And Accessories** *(28 46 13 31-1617)*		
28 46 13 31-1631	EA	Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100)	980.38	45.36
28 46 13 31-1632	EA	Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM-7100)	743.41	60.47
28 46 13 31-1633	EA	Fiber Optic Line Driver Module (Gamewell-FCI FLD-1)	1,367.44	60.47
28 46 13 31-1634	EA	Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM)	548.50	60.47
28 46 13 31-1635	EA	Enclosure Box (Gamewell-FCI EN-7100)	441.53	120.96
28 46 13 31-1636	EA	Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2)	1,431.12	30.24
28 46 13 31-1637		**E3 Series® Basic System** *(28 46 13 31-1616)*		
28 46 13 31-1638	EA	Intelligent Loop Interface, Mother Board (Gamewell-FCI ILI-MB-E3)	1,311.15	60.47
28 46 13 31-1639	EA	Intelligent Loop Interface, Supplemental (Gamewell-FCI ILI-S-E3)	1,126.32	60.47
28 46 13 31-1640	EA	Intelligent Loop Interface, Mother Board, XP95 Protocol (Gamewell-FCI ILI95-MB-E3)	1,311.15	60.47
28 46 13 31-1641	EA	Intelligent Loop Interface, Supplemental, XP95 Protocol (Gamewell-FCI ILI95-S-E3)	1,126.32	60.47
28 46 13 31-1642	EA	LCD Keypad Display (Gamewell-FCI LCD-E3)	834.63	60.47
28 46 13 31-1643	EA	Power Supply Module (Gamewell-FCI PM-9)	1,094.37	60.47
28 46 13 31-1644	EA	Transponder 9 Amperes Power Supply (Gamewell-FCI PM-9 INX)	920.65	60.47
28 46 13 31-1645	EA	Power Supply And Charger, 120/220 Volt AC (Gamewell-FCI PM-9G 9A)	912.78	30.24
28 46 13 31-1646	EA	Digital Alarm Communication Transmitter (Gamewell-FCI DACT-E3)	521.44	60.47
28 46 13 31-1647	EA	Network Repeater, Fiber Optic (Gamewell-FCI RPT-E3-FO)	1,404.57	60.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1648	EA	Network Repeater, Unshielded Twisted Pair (Gamewell-FCI RPT-E3-UTP)	1,176.08	60.47
28 46 13 31-1649	EA	Local Operating Console (Gamewell-FCI 1100-0455)	784.73	45.36
28 46 13 31-1650	EA	Network Graphic Annunciator (Gamewell-FCI 1100-0505)	2,536.87	45.36
28 46 13 31-1651	EA	70.7 VRMS Audio Output Series Amplifier Module (Gamewell-FCI AM-50-70)	1,003.72	60.47
28 46 13 31-1652	EA	INI-VGE-UTP Classic Enabled Voice Gateway Module (Gamewell-FCI 1100-1326)	3,067.95	60.47
28 46 13 31-1653	EA	8-1/4" Wide x 10" High x 4-1/2" Deep Cabinet (Gamewell-FCI E3BB-BAA1)	701.12	120.96
28 46 13 31-1654	EA	C Size, Black, Command Center Enclosure (Gamewell-FCI E3BB-BC/INCC)	513.67	120.96
28 46 13 31-1655	EA	Double Size, Blank, Inner Door Panel (Gamewell-FCI E3-BP)	112.48	30.24
28 46 13 31-1656	EA	Programmable Switch Module (Gamewell-FCI ASM-16)	702.43	60.47
28 46 13 31-1657	EA	LED Driver module (Gamewell-FCI ANU-48)	702.43	60.47
28 46 13 31-1658	EA	Network Graphic Annunciator (Gamewell-FCI NGA)	2,126.50	45.36

28 46 13 31-1659 Addressable Devices, Module, Pulls And Accessories *(28 46 13 31-1616)*

28 46 13 31-1660 Velociti® Series Sensors And Bases *(28 46 13 31-1659)*

28 46 13 31-1661	EA	Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F)	219.60	45.36
28 46 13 31-1662	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F)	224.32	45.36
28 46 13 31-1663	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F)	238.46	45.36
28 46 13 31-1664	EA	Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F)	181.88	45.36
28 46 13 31-1665	EA	Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F)	189.74	45.36
28 46 13 31-1666	EA	Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F)	181.88	45.36
28 46 13 31-1667	EA	Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F)	271.47	45.36
28 46 13 31-1668	EA	Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS)	601.56	45.36
28 46 13 31-1669	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF)	504.86	75.60
28 46 13 31-1670	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF)	567.73	75.60
28 46 13 31-1671	EA	Removal And Replacement Of Duct Detector Board (Gamewell-FCI ADP-F-SB)	272.22	
28 46 13 31-1672	EA	Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF)	55.39	15.12
28 46 13 31-1673	EA	Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F)	648.72	45.36
28 46 13 31-1674	EA	Flanged Mounting Base, For Use With ASD-FILTREX Or ASD-FILTREX-F (Gamewell-FCI ADB-FILTREXF)	128.48	15.12
28 46 13 31-1675	EA	Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F)	2,303.43	90.71

28 46 13 31-1676 Velociti® Series Modules And Pull Station *(28 46 13 31-1659)*

28 46 13 31-1677	EA	Style B, Class B Addressable Monitor Module (Gamewell-FCI AMM-2F)	160.28	30.24
28 46 13 31-1678	EA	Dual Style B, Class B Addressable Monitor Module (Gamewell-FCI AMM-2IF)	260.09	30.24
28 46 13 31-1679	EA	Style D, Class A Addressable Monitor Module (Gamewell-FCI AMM-4F)	176.00	30.24
28 46 13 31-1680	EA	Subloop Style D, Class A Addressable Monitor Module (Gamewell-FCI AMM-4SF)	249.09	30.24
28 46 13 31-1681	EA	Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF)	207.44	30.24
28 46 13 31-1682	EA	Addressable Output Supervised Module (Gamewell-FCI AOM-2SF)	215.30	30.24
28 46 13 31-1683	EA	Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF)	299.36	60.47
28 46 13 31-1684	EA	Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF)	222.37	30.24
28 46 13 31-1685	EA	Telephone Filters (Gamewell-FCI AOM-TEL-FL)	35.68	6.04

28 46 13 31-1686 Components And Accessories *(28 46 13 31-1659)*

28 46 13 31-1687	EA	Remote LED Annunciator Alarm (Gamewell-FCI RA400Z) Note: Mounts on single gang box.	87.68	24.19
28 46 13 31-1688	EA	Up To 2' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5)	43.84	12.10
28 46 13 31-1689	EA	>2' To 4' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3)	46.98	12.10
28 46 13 31-1690	EA	>4' To 8' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5)	56.18	15.12
28 46 13 31-1691	EA	>8' To 10' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10)	91.30	18.14
28 46 13 31-1692	EA	Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451) Note: Mounts on single gang box.	136.40	24.19

28 46 13 31-1693 Fixed And Rate of Rise Heat Detectors *(28 46 13 31-1659)*

28 46 13 31-1694	EA	135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P)	117.43	45.36
28 46 13 31-1695	EA	194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602)	117.43	45.36
28 46 13 31-1696	EA	135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603)	113.91	45.36
28 46 13 31-1697	EA	194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604)	113.91	45.36

28 46 13 31-1698 NAC Expander/Power Supply *(28 46 13 31-1659)*

28 46 13 31-1699	EA	FireForce 8 NAC Expander/Power Supply, 12/24 Volt DC, 8 Amperes, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8)	2,099.35	483.81
28 46 13 31-1700	EA	6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6)	1,800.70	483.81
28 46 13 31-1701	EA	9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9)	1,950.03	483.81

28 46 13 31-1702 Batteries And Accessories *(28 46 13 31-1616)*

28 46 13 31-1703	EA	B-17R, 12 Volt DC, 17 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2010A)	330.83	30.24
28 46 13 31-1704	EA	B-55R, 12 Volt DC, 55 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2710A)	843.25	30.24
28 46 13 31-1705	EA	B-7R, 12 Volt DC, 7 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2311A)	173.64	30.24
28 46 13 31-1706	EA	BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653)	405.46	60.47
28 46 13 31-1707	EA	BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654)	405.46	60.47
28 46 13 31-1708	EA	12" High x 12" Wide x 24" Length Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970)	359.88	60.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1709		**Electronic Door Holders** *(28 46 13 31-1616)* Note: Rixson products.		
28 46 13 31-1710	EA	XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000)	58.31	6.04
28 46 13 31-1711	EA	FM-980, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Door Holder(Gamewell-FCI 140-90000)	467.95	45.36
28 46 13 31-1712	EA	FM-981, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Holder For Double Doors (Gamewell-FCI 140-90001)	639.29	45.36
28 46 13 31-1713	EA	FM-990, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Low Profile Mount Door Holder (Gamewell-FCI 140-90002)	297.25	45.36
28 46 13 31-1714	EA	FM-996, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mount Door Holder (Gamewell-FCI 140-90003)	283.10	45.36
28 46 13 31-1715	EA	FM-997, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder (Gamewell-FCI 140-90004)	297.25	45.36
28 46 13 31-1716	EA	FM-998, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder With Concealed Wiring (Gamewell-FCI 140-90005)	296.62	45.36
28 46 13 31-1717		**Fire Alarm Programming** *(28 46 13 31-1616)* Note: For device replacement projects only. Tasks not to be used on projects where a fire alarm panel is replaced.		
28 46 13 31-1718	EA	Program And Test Up To 5 Fire Alarm Devices	500.00	
28 46 13 31-1719	EA	Program And Test >5 To 20 Fire Alarm Devices	1,000.00	
28 46 13 31-1720	EA	Program And Test >20 To 50 Fire Alarm Devices	2,000.00	
28 46 13 31-1721		**Fire-Lite Fire Alarm** *(28 46 13 31-0994)*		
28 46 13 31-1722		**Addressable Control Panels** *(28 46 13 31-1721)*		
28 46 13 31-1723	EA	25 Point Intelligent Control (Fire Lite MS-25)	2,114.04	604.77
28 46 13 31-1724	EA	50 Point Intelligent Control (Fire Lite MS-9050UD)	2,334.11	604.77
28 46 13 31-1725	EA	198-Point Intelligent Control (Fire Lite MS-9200UDLS)	3,278.08	604.77
28 46 13 31-1726	EA	636-Point Intelligent Control (Fire Lite MS-9600LS)	4,847.92	604.77
28 46 13 31-1727	EA	636-Point Intelligent Control (Fire Lite MS-9600UDLS)	4,637.94	604.77
28 46 13 31-1728	EA	IP And 4G Cellur Fire Alram Communicator For Fire Alarm Control Panel (Fire-Lite IPGSM-4G)	645.11	
28 46 13 31-1729		**Silent Knight Fire Alarm** *(28 46 13 31-0994)*		
28 46 13 31-1730	EA	Addressable Fire Alarm Control Panel With Integrated Emergency Communication System (Silent Knight 5820XL-EVS)	5,528.21	302.38
28 46 13 31-1731	EA	Supervised Remote Command Unit (Silent Knight EVS-RCU)	2,278.03	181.43
28 46 13 31-1732	EA	50 Watt Amplifier (Silent Knight EVS-50W)	1,599.23	120.96
28 46 13 31-1733	EA	125 Watt Amplifier (Silent Knight EVS-125W)	2,875.26	120.96
28 46 13 31-1734	EA	Voice Evacuation System (Silent Knight SKE-450)	2,748.79	120.96
28 46 13 31-1735	EA	Fire Fighters Telephone (Silent Knight SK-FFT)	2,274.51	120.96
28 46 13 31-1736	EA	Multi-Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5820XL)	2,311.89	181.43
28 46 13 31-1737	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5808)	1,723.44	120.96
28 46 13 31-1738	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5700)	1,309.15	120.96
28 46 13 31-1739	EA	Hybrid Conventional Fire Alarm Control/Communicator System (Silent Knight 5600)	1,124.03	120.96
28 46 13 31-1740	EA	Combination Fire And CO Detector (Silent Knight SK-FIRE-CO)	356.67	45.36
28 46 13 31-1741	EA	Photoelectric Detector (Silent Knight SK-PHOTO)	197.77	45.36
28 46 13 31-1742	EA	Photoelectric Thermal Detector (Silent Knight SK-PHOTO-T)	208.83	45.36
28 46 13 31-1743	EA	Ionization Smoke Detector (Silent Knight SK-ION)	210.08	45.36
28 46 13 31-1744	EA	135 Degree Fixed Temperature Detector (Silent Knight SK-HEAT)	181.49	45.36
28 46 13 31-1745	EA	190 Degree Fixed Temperature Detector (Silent Knight SK-HEAT-HT)	191.59	45.36
28 46 13 31-1746	EA	135 Degree Fixed Temperature Rate-of-Rise Detector (Silent Knight SK-HEAT-ROR)	195.31	45.36
28 46 13 31-1747	EA	Sounder Base (Silent Knight B200SR)	121.27	15.12
28 46 13 31-1748	EA	Intelligent Sounder Base (Silent Knight B200S)	128.66	15.12
28 46 13 31-1749	EA	Isolator Base (Silent Knight B224BI)	100.39	15.12
28 46 13 31-1750	EA	Relay Base (Silent Knight B224RB)	101.60	15.12
28 46 13 31-1751	EA	Multi-Criteria Photoelectric Detector With Thermal Sensing (Silent Knight SK-ACCLIMATE)	213.94	45.36
28 46 13 31-1752	EA	Photoelectric Duct Detector (Silent Knight SK-DUCT)	352.04	45.36
28 46 13 31-1753	EA	Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM)	1,274.13	45.36
28 46 13 31-1754	EA	Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM-T)	1,457.06	45.36
28 46 13 31-1755	EA	Dual Monitor Module (Silent Knight SK-MONITOR-2)	256.59	45.36
28 46 13 31-1756	EA	Supervised Control Module (Silent Knight SK-CONTROL)	211.56	45.36
28 46 13 31-1757	EA	Six Circuit Supervised Control Module (Silent Knight SK-CONTROL-6)	737.99	60.47
28 46 13 31-1758	EA	Relay Control Module (Silent Knight SK-RELAY)	183.70	30.24
28 46 13 31-1759	EA	Six Relay Control Module (Silent Knight SK-RELAY-6)	712.84	60.47
28 46 13 31-1760	EA	Zone Interface Module (Silent Knight SK-ZONE)	216.30	45.36
28 46 13 31-1761	EA	Six Zone Interface Module (Silent Knight SK-ZONE-6)	856.82	60.47
28 46 13 31-1762	EA	Monitor Module (Silent Knight SK-MONITOR)	184.22	45.36
28 46 13 31-1763	EA	10 Input Monitor Module (Silent Knight SK-MON-10)	829.41	60.47
28 46 13 31-1764	EA	Monitor Module (Silent Knight SK-MINIMON)	170.70	45.36
28 46 13 31-1765	EA	Fault Isolator Module (Silent Knight SK-ISO)	191.59	45.36
28 46 13 31-1766	EA	Addressable Heat Sensor (Silent Knight SD505-AHS)	187.92	45.36
28 46 13 31-1767	EA	Analog Ionization Smoke Detector (Silent Knight SD505-AIS)	205.35	45.36
28 46 13 31-1768	EA	Addressable Photoelectric Smoke Detector (Silent Knight SD505-APS)	191.59	45.36
28 46 13 31-1769	EA	6" Addressable Sounder Base (Silent Knight SD505-6SB)	149.61	15.12
28 46 13 31-1770	EA	6" Addressable Relay Base (Silent Knight SD505-6RB)	140.97	15.12
28 46 13 31-1771	EA	6" Isolator Base (Silent Knight SD505-6IB)	127.45	15.12
28 46 13 31-1772	EA	Addressable Input Module (Silent Knight SD500-AIM)	190.38	45.36
28 46 13 31-1773	EA	Addressable Notification Module (Silent Knight SD500-ANM)	237.62	45.36
28 46 13 31-1774	EA	Addressable Relay Module (Silent Knight SD500-ARM)	211.56	45.36
28 46 13 31-1775	EA	SLC Annunciator Driver Module (Silent Knight SD500-LED)	846.45	90.71
28 46 13 31-1776	EA	Loop Isolation Module (Silent Knight SD500-LIM)	198.98	45.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1777	EA	Addressable Mini Input Module (Silent Knight SD500-MIM)	157.68	30.24
28 46 13 31-1778	EA	Single Action Addressable Pull Station (Silent Knight SD500-PS)	205.02	30.24
28 46 13 31-1779	EA	Dual Action Addressable Pull Station (Silent Knight SD500-PSDA)	195.54	30.24
28 46 13 31-1780	EA	Back Box (Silent Knight SK-PSSMBB)	88.06	24.19
28 46 13 31-1781	EA	Smoke Detector Module (Silent Knight SD500-SDM)	223.40	45.36
28 46 13 31-1782	EA	Addressable Smoke 4" Detector Base (Silent Knight SD505-4AB)	52.74	15.12
28 46 13 31-1783	EA	Addressable Smoke 6" Detector Base (Silent Knight SD505-6AB)	52.74	15.12
28 46 13 31-1784	EA	Addressable Duct Housing (Silent Knight SD505-DUCT)	368.24	45.36
28 46 13 31-1785	EA	Addressable Duct Housing With Built-In Relay (Silent Knight SD505-DUCTR)	481.56	45.36
28 46 13 31-1786	EA	Addressable Duct Detector Test Switch (Silent Knight SD505-DTS)	196.52	45.36
28 46 13 31-1787	EA	Intelligent Power Module (Silent Knight 5895XL)	1,222.30	120.96
28 46 13 31-1788	EA	Addressable Power Supply (Silent Knight 5496)	851.02	90.71
28 46 13 31-1789	EA	Relay Interface Board (Silent Knight 5883)	326.43	30.24
28 46 13 31-1790	EA	Remote LED Annunciator (Silent Knight 5865-3)	671.70	60.47
28 46 13 31-1791	EA	Remote LED Annunciator (Silent Knight 5865-4)	762.70	60.47
28 46 13 31-1792	EA	Remote LCD Annunciator (Silent Knight SK-5860)	716.18	90.71
28 46 13 31-1793	EA	Serial/Parallel Printer Interface (Silent Knight 5824)	469.83	30.24
28 46 13 31-1794	EA	LED Input/Output Module (Silent Knight / IntelliKnight 5880)	550.04	45.36
28 46 13 31-1795	EA	Addressable Pull Station (Silent Knight SK-Pull-DA/SA)	195.54	30.24
28 46 13 31-1796	EA	Digital Fire Communicator with Cabinet (Silent Knight SK-5104)	684.18	90.71
28 46 13 31-1797	EA	Communicator (Silent Knight IPGSM-4G)	1,026.10	60.47
28 46 13 31-1798	EA	Ten Zone Conventional Fire Alarm Control Panel (Silent Knight SK-5208)	1,617.30	120.96
28 46 13 31-1799	EA	10 Zone Expander (Silent Knight SK-5217)	453.64	30.24
28 46 13 31-1800	EA	Remote Annunciator (Silent Knight SK-5235)	449.36	60.47
28 46 13 31-1801	EA	Status Display Module (Silent Knight 5280)	128.16	30.24
28 46 13 31-1802	EA	Serial/Parallel Module (Silent Knight 5824)	530.32	60.47
28 46 13 31-1803	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4)	911.50	120.96
28 46 13 31-1804	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4E)	929.78	120.96
28 46 13 31-1805	EA	Dress Panel (Silent Knight SK-DP2/4)	171.20	30.24
28 46 13 31-1806	EA	Class A Convertor (Silent Knight SK-CAC4)	451.50	45.36
28 46 13 31-1807	EA	Transmitter Module (Silent Knight SK-4XTM	235.26	45.36
28 46 13 31-1808	EA	LED Interface Module (Silent Knight SK-4XLM	216.30	45.36
28 46 13 31-1809	EA	110 Volt AC, 3-6 Amperes, Transformer (Silent Knight SK-XRM24)	223.97	30.24
28 46 13 31-1810	EA	Remote Annunciator (Silent Knight SK-RZA4)	216.30	45.36
28 46 13 31-1811	EA	Zone Relay Module (Silent Knight SK-4XZM)	232.88	45.36
28 46 13 31-1812	EA	Two Zone Conventional Fire Alarm Control Panel (Silent Knight SK-2)	785.80	120.96
28 46 13 31-1813	EA	Remote Battery Box Accessory Cabinet (Silent Knight RBB)	195.54	30.24
28 46 13 31-1814	EA	Manual Pull Station (single action) (Silent Knight PS-SATK)	106.35	30.24
28 46 13 31-1815	EA	Manual Pull Station (dual action) (Silent Knight PS-DATK)	115.51	30.24
28 46 13 31-1816	EA	Manual Pull Station (dual action) (Silent Knight PS-DA)	112.94	30.24
28 46 13 31-1817	EA	Dual Action Manual Pull Station, Hex Key (Silent Knight PS-DAH)	100.38	30.24
28 46 13 31-1818	EA	Dual Action Listed Outdoor Manual Pull Station With Black Box (Silent Knight PS-DALOB)	228.97	36.29
28 46 13 31-1819	EA	6 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5495)	798.46	90.71
28 46 13 31-1820	EA	9 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5499)	899.01	90.71
28 46 13 31-1821	EA	Detector (Silent Knight IDP-PhotoR)	282.51	45.36
28 46 13 31-1822	EA	Monitoring Module (Silent Knight IDP)	282.68	45.36
28 46 13 31-1823	EA	Cabinet (Silent Knight SK-5207)	383.33	90.71
28 46 13 31-1824	EA	Innovair IDP-Product (Silent Knight Innovair IDP-Pduct)	565.22	30.24
28 46 13 31-1825	EA	I/O Input-Output Module (Silent Knight SK-2880)	767.12	30.24
28 46 13 31-1826	EA	Remote Annunciator (Silent Knight RA-2000)	2,200.43	90.71
28 46 13 31-1827	EA	Power Supply (Silent Knight 5195/96)	1,372.82	30.24
28 46 13 31-1828	EA	8 Zone Expander (Silent Knight SK-5210)	1,069.97	30.24
28 46 13 31-1829	EA	LCD Remote Annunciator (Silent Knight SK-5230)	426.23	60.47
28 46 13 31-1830	EA	Ionization Smoke Detector (Silent Knight SK-ION)	210.08	45.36
28 46 13 31-1831	EA	Addressable Relay Module (Silent Knight IDP-Relay)	242.13	45.36
28 46 13 31-1832	EA	Telephone Line Monitor (Silent Knight SK-7150)	151.33	30.24
28 46 13 31-1833	EA	Serial Driver Board (Silent Knight SK-2884)	284.58	30.24
28 46 13 31-1834	EA	Smoke Detector Base (Silent Knight IDP-6AB)	80.72	15.12
28 46 13 31-1835	EA	Mini Input Module (Silent Knight IDP-MINIMON)	211.89	30.24
28 46 13 31-1836	EA	Status Display Module (Silent Knight SK-4180)	787.31	30.24
28 46 13 31-1837	EA	8-Channel Digital Communicator (Silent Knight SK-1420)	464.27	30.24
28 46 13 31-1838	EA	Serial Parallel Module (Silent Knight SK-4824)	423.89	30.24
28 46 13 31-1839	EA	Power Supply (Silent Knight SK-5197 / SK-5198)	1,574.72	30.24
28 46 13 31-1840	EA	4-Zone Fire Alarm Control Panel, Complete (Silent Knight SK-5204)	2,664.71	120.96
28 46 13 31-1841	EA	Intelligent Ionization Smoke Detector (Silent Knight IDP-ION)	292.61	45.36
28 46 13 31-1842	EA	Intelligent Photoelectric Smoke Detector (Silent Knight IDP-Photo)	242.13	45.36
28 46 13 31-1843	EA	Fire Slave Communicator Dialer (Silent Knight SK-5128)	500.73	30.24
28 46 13 31-1844	EA	Intelligent Power Module (with cabinet) (Silent Knight SK-5496)	851.02	90.71
28 46 13 31-1845		**Alerton Fire Alarm** *(28 46 13 31)*		
28 46 13 31-1846	EA	UL Listed Surge Protector In CHS-M3 Or CPU2-640 Chassis (Alerton ESD-100)	529.04	9.07
28 46 13 31-1847		**Cooper Fire Alarm** *(28 46 13 31)*		
28 46 13 31-1848	EA	Single Circuit Class A / Multiple B, 12 Or 24 Volt DC, Sync Module (Cooper DSM-12/24-R)	180.85	30.24
28 46 13 31-1849	EA	Red Lens, 21 Joules, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X And 6, Strobe (Cooper EP109205-001)	4,362.25	51.40
28 46 13 31-1850	EA	Red, 100 dB, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X, Multitone Horn (Cooper EP109206-002)	5,754.73	51.40
28 46 13 31-1851	EA	Red Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-001)	2,096.73	60.47

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1852	EA	Clear Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-002)	2,109.11	60.47
28 46 13 31-1853	EA	Amber Lens, 5 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-007)	2,109.11	60.47
28 46 13 31-1854	EA	Red Lens, 10 Joules, 24 Volt DC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-001)	1,561.40	60.47
28 46 13 31-1855	EA	Amber Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-003)	1,561.40	60.47
28 46 13 31-1856	EA	Red Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-004)	1,561.40	60.47
28 46 13 31-1857	EA	Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-005)	2,109.11	60.47
28 46 13 31-1858	EA	Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-006)	2,109.11	60.47
28 46 13 31-1859	EA	Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Blackstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-007)	2,109.11	60.47
28 46 13 31-1860	EA	Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-008)	2,109.11	60.47
28 46 13 31-1861	EA	Red Lens, 15 Joules, 24 Volt DC, Wire Guard, Blackstrap, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109203-002)	2,109.11	60.47
28 46 13 31-1862	EA	Red Lens, 21 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-001)	2,429.38	60.47
28 46 13 31-1863	EA	Red Lens, 21 Joules, 24 Volt DC, Black Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-003)	2,256.10	60.47
28 46 13 31-1864	EA	Amber Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-005)	2,256.10	60.47
28 46 13 31-1865	EA	Red Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-006)	2,256.10	60.47
28 46 13 31-1866		Light Engineered Displays Message Boards *(28 46 13 31)*		
28 46 13 31-1867	EA	Two Message Sign, Announcement And Evacuate (LED SP-2/MNS)	899.84	36.29
28 46 13 31-1868	EA	Four Message Sign, Fire, Weather, Announcement, E Voltuate (LED SP-4)	793.36	36.29
28 46 13 31-1869		Safety Technology International Fire Alarm *(28 46 13 31)*		
28 46 13 31-1870		Enclosures *(28 46 13 31-1869)*		
28 46 13 31-1871	EA	6" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF060604-O)	159.92	18.14
28 46 13 31-1872	EA	6" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF060604-W)	209.59	18.14
28 46 13 31-1873	EA	8" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF080604-O)	163.23	18.14
28 46 13 31-1874	EA	8" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF080604-W)	210.70	18.14
28 46 13 31-1875	EA	8" Height x 8" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF080804-O)	167.65	18.14
28 46 13 31-1876	EA	8" Height x 8" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF080804-W)	243.81	18.14
28 46 13 31-1877	EA	10" Height x 8" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF100806-O)	175.37	18.14
28 46 13 31-1878	EA	10" Height x 8" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF100806-W)	242.71	18.14
28 46 13 31-1879	EA	12" Height x 10" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF121006-O)	188.62	18.14
28 46 13 31-1880	EA	12" Height x 10" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF121006-W)	263.68	18.14
28 46 13 31-1881	EA	14" Height x 12" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF141206-O)	225.04	18.14
28 46 13 31-1882	EA	14" Height x 12" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF141206-W)	343.15	18.14
28 46 13 31-1883	EA	14" Height x 12" Width x 8" Depth, Opaque, Fiberglass Enclosure (STI EF141208-O)	242.71	18.14
28 46 13 31-1884	EA	14" Height x 12" Width x 8" Depth, Opaque, Fiberglass Enclosure With Window (STI EF141208-W)	433.67	18.14
28 46 13 31-1885	EA	16" Height x 14" Width x 8" Depth, Opaque, Fiberglass Enclosure (STI EF161408-O)	258.16	18.14
28 46 13 31-1886	EA	16" Height x 14" Width x 8" Depth, Opaque, Fiberglass Enclosure With Window (STI EF161408-W)	446.91	18.14
28 46 13 31-1887	EA	18" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure (STI EF181610-O)	307.83	18.14
28 46 13 31-1888	EA	18" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure With Window (STI EF181610-W)	459.06	18.14
28 46 13 31-1889	EA	20" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure (STI EF201610-O)	446.91	18.14
28 46 13 31-1890	EA	20" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure With Window (STI EF201610-W)	665.47	18.14
28 46 13 31-1891	EA	6" Height x 6" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP060605-O)	117.97	18.14
28 46 13 31-1892	EA	6" Height x 6" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP060605-T)	129.01	18.14
28 46 13 31-1893	EA	8" Height x 6" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP080605-O)	122.94	18.14
28 46 13 31-1894	EA	8" Height x 6" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP080605-T)	132.32	18.14
28 46 13 31-1895	EA	8" Height x 8" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP080805-O)	127.36	18.14
28 46 13 31-1896	EA	8" Height x 8" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP080805-T)	138.39	18.14
28 46 13 31-1897	EA	10" Height x 8" Width x 6" Depth, Opaque, Polycarbonate Enclosure (STI EP100806-O)	129.01	18.14
28 46 13 31-1898	EA	10" Height x 8" Width x 6" Depth, Tinted, Polycarbonate Enclosure (STI EP100806-T)	151.64	18.14
28 46 13 31-1899	EA	10" Height x 8" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP100807-O)	135.63	18.14
28 46 13 31-1900	EA	10" Height x 8" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP100807-T)	156.06	18.14
28 46 13 31-1901	EA	10" Height x 10" Width x 6" Depth, Opaque, Polycarbonate Enclosure (STI EP101006-O)	141.71	18.14
28 46 13 31-1902	EA	10" Height x 10" Width x 6" Depth, Tinted, Polycarbonate Enclosure (STI EP101006-T)	158.82	18.14
28 46 13 31-1903	EA	12" Height x 10" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP121007-O)	143.36	18.14
28 46 13 31-1904	EA	12" Height x 10" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP121007-T)	164.33	18.14
28 46 13 31-1905	EA	14" Height x 12" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP141207-O)	168.75	18.14
28 46 13 31-1906	EA	14" Height x 12" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP141207-T)	210.70	18.14
28 46 13 31-1907	EA	16" Height x 14" Width x 9" Depth, Opaque, Polycarbonate Enclosure (STI EP161409-O)	186.41	18.14
28 46 13 31-1908	EA	16" Height x 14" Width x 9" Depth, Tinted, Polycarbonate Enclosure (STI EP161409-T)	252.64	18.14
28 46 13 31-1909	EA	18" Height x 16" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP181604-O)	207.38	18.14
28 46 13 31-1910	EA	18" Height x 16" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP181604-T)	271.41	18.14
28 46 13 31-1911	EA	18" Height x 16" Width x 11" Depth, Opaque, Polycarbonate Enclosure (STI EP181611-O)	236.08	18.14
28 46 13 31-1912	EA	18" Height x 16" Width x 11" Depth, Tinted, Polycarbonate Enclosure (STI EP181611-T)	318.87	18.14
28 46 13 31-1913	EA	20" Height x 16" Width x 9" Depth, Opaque, Polycarbonate Enclosure (STI EP201608-O)	378.48	18.14
28 46 13 31-1914	EA	20" Height x 16" Width x 9" Depth, Tinted, Polycarbonate Enclosure (STI EP201608-T)	396.14	18.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1915	EA	24" Height x 24" Width x 10" Depth, Opaque, Polycarbonate Enclosure (STI EP242410-O)	572.75	18.14
28 46 13 31-1916	EA	24" Height x 24" Width x 10" Depth, Tinted, Polycarbonate Enclosure (STI EP242410-T)	664.37	18.14
28 46 13 31-1917		**STI® Fire Alarm Devices** *(28 46 13 31-1869)*		
28 46 13 31-1918	EA	Pull Station Polycarbonate Cover, Semi Flush With Horn (STI-1100) Note: Includes 9 Volt DC self contained battery.	192.48	18.14
28 46 13 31-1919	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover With Horn (STI-1130)	210.70	18.14
28 46 13 31-1920	EA	Flush Mounted, Manual Pull Station Polycarbonate Cover (STI-1200)	121.56	18.14
28 46 13 31-1921	EA	Surface Mounted, Horn Strobe Polycarbonate Cover (STI-1210D) Note: For surface mounted horn strobes.	122.66	18.14
28 46 13 31-1922	EA	Flush Mounted, Horn Strobe Polycarbonate Cover (STI-1210E)	108.31	18.14
28 46 13 31-1923	EA	Strobe Damage Stopper And Open Backbox With Conduit Knockout (STI-1221D) Note: For surface mounted strobe.	122.66	18.14
28 46 13 31-1924	EA	Strobe Damage Stopper And Open Backbox, Semi Flush (STI-1221E)	97.55	18.14
28 46 13 31-1925	EA	NEMA 4X Rated Polycarbonate Dome Cover (STI-1229)	238.29	18.14
28 46 13 31-1926	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-1230) Note: For surface mounted pull stations.	156.61	18.14
28 46 13 31-1927	EA	Backplate For Polycarbonate Cover (STI-1280)	71.17	18.14
28 46 13 31-1928	EA	Conduit Gasket For Polycarbonate Cover (STI-3003)	49.54	18.14
28 46 13 31-1929	EA	Conduit Spacer For Surface Mounted Polycarbonate Cover (STI-3100)	72.39	18.14
28 46 13 31-1930	EA	Weather Resistant, Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-3150)	175.92	18.14
28 46 13 31-1931	EA	8.5" x 6.5" x 4.6", Thumb Lock, Lockable Enclosure (STI-7511A)	144.47	18.14
28 46 13 31-1932	EA	Flush Mounted, Smoke Detector Polycarbonate Cover (STI-8100)	104.73	18.14
28 46 13 31-1933	EA	Flush Mounted, Low Profile, Smoke Detector Steel Wire Cover (STI-9601)	98.66	18.14
28 46 13 31-1934	EA	Surface Mounted, Low Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9602)	95.07	18.14
28 46 13 31-1935	EA	Flush Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9604)	98.66	18.14
28 46 13 31-1936	EA	Surface Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9605)	95.07	18.14
28 46 13 31-1937	EA	Flush Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9609)	98.66	18.14
28 46 13 31-1938	EA	Surface Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9610)	95.07	18.14
28 46 13 31-1939	EA	Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9625)	193.59	18.14
28 46 13 31-1940	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705)	87.84	18.14
28 46 13 31-1941	EA	Red, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705-R)	102.82	18.14
28 46 13 31-1942	EA	Flush Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9706)	137.29	18.14
28 46 13 31-1943	EA	Surface Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9707)	137.29	18.14
28 46 13 31-1944	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708)	97.55	18.14
28 46 13 31-1945	EA	Red, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708-R)	97.55	18.14
28 46 13 31-1946	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9711)	87.84	18.14
28 46 13 31-1947	EA	Flush Mounted, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9713)	97.55	18.14
28 46 13 31-1948	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9714)	97.55	18.14
28 46 13 31-1949	EA	Yellow, High Threat, Push Button Station (STI SS-2201)	124.51	9.07
28 46 13 31-1950	EA	Gasket Kit For STI Covers (STI SUB-121)	51.82	
28 46 13 31-1951	EA	Stopper II® With Horn Flush Mount, Custom Label (STI STI-1100CR)	183.16	30.24
28 46 13 31-1952	EA	Smoke Detector Guard, Stainless Steel, Surface Mounting, Open Back, 9-1/4" Width, 5" Depth (STI STI-8230-SS)	214.83	18.14
28 46 13 31-1953	EA	Universal Cover With Horn, Flush Mount, Momentary Button, Exit Label, Green Stopper Station (STI SS-2144XT)	252.64	18.14
28 46 13 31-1954	EA	No Cover, Push And Turn-To-Reset Button, Evacuation Label, Yellow Stopper Station (STI SS-2201EV)	135.08	18.14
28 46 13 31-1955	EA	No Cover, Push And Key-To-Rest Button, Emergency Label, Blue Stopper Station (STI SS-2400EM)	135.08	18.14
28 46 13 31-1956	EA	Universal Cover With Horn, Flush Mount, Push And Key-To-Reset Button, Emergency Label, Blue Stopper Station (STI SS-2440EM)	252.64	18.14
28 46 13 31-1957	EA	Flush Mounted, Weather Stopper II (STI-1250)	145.85	18.14
28 46 13 31-1958	EA	Flush Mounted, Clear, Universal Stopper (STI-13000NC)	95.07	18.14
28 46 13 31-1959	EA	Flush Mounted, Universal, Fire Label, Red, Stopper With Horn (STI-13020FR)	167.09	18.14
28 46 13 31-1960	EA	Surface Mounted, Clear, Universal Stopper (STI-13200NC)	115.77	18.14
28 46 13 31-1961	EA	Surface Mounted, Fire Label, Red, Universal Stopper (STI-13210FR)	126.80	18.14
28 46 13 31-1962	EA	Surface Mounted, No Label, White, Universal Stopper (STI-13210NW)	138.39	18.14
28 46 13 31-1963	EA	Surface Mounted, No Label, Yellow, Universal Stopper (STI-13210NY)	138.39	18.14
28 46 13 31-1964	EA	Surface Mounted, Fire Label, Red, Universal Stopper With Horn (STI-13220FR)	187.51	18.14
28 46 13 31-1965	EA	Surface Mounted, No Label, Yellow, Universal Stopper With Horn (STI-13220NY)	198.55	18.14
28 46 13 31-1966	EA	Surface Mounted, Fire Label, Red, Universal Stopper With Horn And Relay (STI-13230FR)	237.19	18.14
28 46 13 31-1967	EA	Stopper II, Weather Gasket (STI-3002)	48.38	18.14
28 46 13 31-1968	EA	Large, Break Glass Stopper (STI-4100)	137.29	18.14
28 46 13 31-1969	EA	Stopper "G" Standard Break Glass Cover (STI-6100)	132.32	18.14
28 46 13 31-1970	EA	Clear, Polycarbonate Enclosure With Deep Back Box And Exterior Key Lock (STI-7510A)	127.63	18.14
28 46 13 31-1971	EA	Polycarbonate Multi-Purpose Enclosure With Backplate And Key Lock (STI-7530)	349.78	18.14
28 46 13 31-1972	EA	Heated, Metal, Protective Cabinet (STI-7560AH)	4,959.37	18.14
28 46 13 31-1973	EA	Stainless Steel Guard (STI-9604SS)	90.38	18.14
28 46 13 31-1974	EA	5-3/4" Width x 4-1/2" Depth, Motion Detector Guard (STI-9621)	80.72	18.14
28 46 13 31-1975		**System Sensor Fire Alarm** *(28 46 13 31)*		
28 46 13 31-1976		**Smoke Detectors** *(28 46 13 31-1975)*		
28 46 13 31-1977	EA	Beam Detector Heater Kit (System Sensor BEAMHK)	55.65	6.04
28 46 13 31-1978	EA	Reflectors, Beam Detector Heater Kit (System Sensor BEAMHKR) Note: Four used with long range kit.	230.36	6.04
28 46 13 31-1979	EA	Projected Beam Smoke Detector Long Range Kit (System Sensor BEAMLRK)	291.26	60.47
28 46 13 31-1980	EA	Wall Or Ceiling Mounted, Projected Beam Smoke Detector Multi-Mount Kit (System Sensor BEAMMMK)	216.39	60.47
28 46 13 31-1981	EA	Projected Beam Smoke Detector Surface Mounted Kit (System Sensor BEAMSMK)	178.22	60.47
28 46 13 31-1982	EA	Two Wire, Photoelectric Smoke Detector (System Sensor 2W-B)	162.03	45.36
28 46 13 31-1983	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor (System Sensor 2WT-B)	161.91	45.36
28 46 13 31-1984	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 2WTA-B)	169.71	45.36
28 46 13 31-1985	EA	Four Wire, Photoelectric Smoke Detector (System Sensor 4W-B)	164.50	45.36

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1986	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor, 12/24 Volt DC (System Sensor 4WT-B)	171.70	45.36
28 46 13 31-1987	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 4WTA-B)	173.55	45.36
28 46 13 31-1988	EA	Four Wire, Photoelectric Smoke Detector With Isolated Thermal Sensor, Built In Sounder, Form C Relay (System Sensor 4WITAR-B)	257.81	45.36
28 46 13 31-1989	EA	Photoelectric, Low-Profile, Smoke Detector Head (System Sensor 2151)	150.21	30.24
28 46 13 31-1990	EA	Photoelectric With Thermal Sensor, Low-Profile, Smoke Detector Head (System Sensor 2151T) Note: Requires B100 series base.	171.87	30.24
28 46 13 31-1991	EA	Heavy Duty Multi-Mount Kit (System Sensor 6500-MMK)	267.10	15.12
28 46 13 31-1992	EA	Surface-Mount Kit For Use With Beam1224 And FSB-200 When Using 6500-MMK Heavy Duty Multi-Mount Kit (System Sensor 6500-SMK)	93.12	15.12
28 46 13 31-1993	EA	Four Wire, Low Profile, Plug In Detector (System Sensor 2D51)	182.95	45.36
28 46 13 31-1994		**Duct Smoke Detectors** *(28 46 13 31-1975)*		
28 46 13 31-1995	EA	Two Wire Conventional Photoelectric Duct Detector (Includes 2151 Detector) (System Sensor D2)	347.14	45.36
28 46 13 31-1996	EA	Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120)	344.20	45.36
28 46 13 31-1997	EA	Watertight, Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120W)	450.26	51.40
28 46 13 31-1998	EA	Sensor Only, Four Wire Conventional Photoelectric Duct Detector (System Sensor D4S)	226.86	30.24
28 46 13 31-1999	EA	Duct Accessory Coil (Required On DNR If A Remote Test Station Is Used) (System Sensor DCOIL)	61.69	9.07
28 46 13 31-2000	EA	Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNR)	194.21	24.19
28 46 13 31-2001	EA	Watertight, Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNRW)	313.96	30.24
28 46 13 31-2002	EA	1' Steel Sampling Tube (System Sensor DST1)	36.82	12.10
28 46 13 31-2003	EA	1.5' Steel Sampling Tube (System Sensor DST1.5)	40.14	12.10
28 46 13 31-2004	EA	3' Steel Sampling Tube (System Sensor DST3)	45.18	12.10
28 46 13 31-2005	EA	5' Steel Sampling Tube (System Sensor DST5)	52.73	15.12
28 46 13 31-2006	EA	10' Steel Sampling Tube (System Sensor DST10)	85.13	18.14
28 46 13 31-2007	EA	1' Steel, Exhaust Tube Duct (System Sensor ETX)	41.51	12.10
28 46 13 31-2008	EA	Remote Test Station For Duct Smoke Detector (System Sensor RTS151)	92.88	15.12
28 46 13 31-2009	EA	Detector Installation/Removal Tool Kit For 700 Series Detectors (System Sensor XR2)	196.24	
28 46 13 31-2010	EA	Detector Installation/Removal Tool Kit For 800 And 355 Series Detectors (System Sensor XR2B)	210.92	
28 46 13 31-2011		**Heat Detectors** *(28 46 13 31-1975)*		
28 46 13 31-2012	EA	Single Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5601P)	113.75	45.36
28 46 13 31-2013	EA	Single Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5602)	113.91	45.36
28 46 13 31-2014	EA	Dual Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5621)	131.33	45.36
28 46 13 31-2015	EA	Dual Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5622)	131.33	45.36
28 46 13 31-2016	EA	Dual Circuit, 135 Degree F, Fixed Temperature Heat Detector (System Sensor 5623)	146.21	45.36
28 46 13 31-2017	EA	Dual Circuit, 194 Degree F, Fixed Temperature Heat Detector (System Sensor 5624)	146.21	45.36
28 46 13 31-2018		**Horns** *(28 46 13 31-1975)*		
28 46 13 31-2019	EA	Red, Mini Horn (System Sensor MHR)	121.79	45.36
28 46 13 31-2020	EA	White, Mini Horn (System Sensor MHW)	121.79	45.36
28 46 13 31-2021	EA	White, 12/24 Volt DC, Wall Mounted Horn Only (System Sensor HWL)	123.30	45.36
28 46 13 31-2022	EA	Red, Outdoor, Wall Mounted Replacement Horn (System Sensor HRK-R)	154.00	51.40
28 46 13 31-2023	EA	Red, Indoor, Wall Mounted, Horn (System Sensor HRL)	123.30	45.36
28 46 13 31-2024	EA	Red, Outdoor, Wall Mounted, Horn (System Sensor HRK)	162.03	45.36
28 46 13 31-2025	EA	White, Indoor, Wall Mounted, Compact Horn (System Sensor HGRL)	123.79	45.36
28 46 13 31-2026	EA	Red, Indoor, Wall Mounted, Compact Horn (System Sensor HGWL)	123.79	45.36
28 46 13 31-2027		**Wall Mounted Horns/Strobes** *(28 46 13 31-1975)*		
28 46 13 31-2028	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL)	164.12	45.36
28 46 13 31-2029	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH)	217.58	45.36
28 46 13 31-2030	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK)	239.83	51.40
28 46 13 31-2031	EA	Plain, Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-P)	234.45	51.40
28 46 13 31-2032	EA	Outdoor Backbox, Red, 120 Volt AC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-120)	244.97	51.40
28 46 13 31-2033	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK)	239.10	51.40
28 46 13 31-2034	EA	Plain, Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-P)	227.60	51.40
28 46 13 31-2035	EA	Outdoor, Red, , Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-R)	198.13	45.36
28 46 13 31-2036	EA	Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL-P)	160.69	45.36
28 46 13 31-2037	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL)	164.12	45.36
28 46 13 31-2038	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH)	219.13	45.36
28 46 13 31-2039	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK)	232.49	51.40
28 46 13 31-2040	EA	Plain, Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK-P)	234.45	51.40
28 46 13 31-2041	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-P)	217.58	45.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2042	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK)	246.44	51.40
28 46 13 31-2043	EA	Plain, Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK-P)	227.60	51.40
28 46 13 31-2044	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL-P)	159.96	45.36
28 46 13 31-2045	EA	Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RL)	194.95	45.36
28 46 13 31-2046	EA	Red, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P4RH)	201.53	45.36
28 46 13 31-2047	EA	Outdoor Backbox, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK)	232.28	51.40
28 46 13 31-2048	EA	Outdoor, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK-R)	222.71	51.40
28 46 13 31-2049	EA	White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WL)	194.95	45.36
28 46 13 31-2050	EA	Outdoor Backbox, White, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor PC4WHK)	276.10	51.40
28 46 13 31-2051	EA	Outdoor Backbox, White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WK)	234.94	51.40
28 46 13 31-2052	EA	Red, 24 Volt DC, Low-frequency, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Horn/Strobe (System Sensor P2RL-LF)	237.52	45.36
28 46 13 31-2053	EA	White, 24 Volt DC, Low-frequency, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Horn/Strobe (System Sensor P2WL-LF)	237.52	45.36
28 46 13 31-2054	EA	Red, 12/24 Volt DC, Two Wire, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Compact Horn Strobe (System Sensor P2GRL)	163.63	45.36
28 46 13 31-2055	EA	White, 12/24 Volt DC, Two Wire, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Compact Horn Strobe (System Sensor P2GWL)	163.63	45.36

28 46 13 31-2056 Ceiling Mounted Horns/Strobes *(28 46 13 31-1975)*

28 46 13 31-2057	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RL)	166.56	45.36
28 46 13 31-2058	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RH)	220.67	45.36
28 46 13 31-2059	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RHK)	232.49	51.40
28 46 13 31-2060	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RK)	226.13	51.40
28 46 13 31-2061	EA	Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R-P)	209.84	45.36
28 46 13 31-2062	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WL)	166.56	45.36
28 46 13 31-2063	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH)	220.67	45.36
28 46 13 31-2064	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WHK)	232.49	51.40
28 46 13 31-2065	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH-P)	220.67	45.36
28 46 13 31-2066	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WK)	226.13	51.40
28 46 13 31-2067	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W-P)	208.30	45.36
28 46 13 31-2068	EA	Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Horn/Strobe (System Sensor PC4RL)	196.17	45.36
28 46 13 31-2069	EA	Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Horn/Strobe (System Sensor PC4RH)	201.53	45.36
28 46 13 31-2070	EA	White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC4WL)	196.17	45.36

28 46 13 31-2071 Wall Mounted Strobes *(28 46 13 31-1975)*

28 46 13 31-2072	EA	White Strobe Expander Plate Backbox Skirt (System Sensor SEP-BBSW)	74.19	15.12
28 46 13 31-2073	EA	White Strobe Expander Plate With Standard Candela (System Sensor SEP-SW)	140.10	15.12
28 46 13 31-2074	EA	Red, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL)	149.19	45.36
28 46 13 31-2075	EA	Red, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRH)	173.00	45.36
28 46 13 31-2076	EA	Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK)	209.24	51.40
28 46 13 31-2077	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK)	207.04	51.40
28 46 13 31-2078	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-P)	209.98	51.40
28 46 13 31-2079	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-R)	186.00	51.40
28 46 13 31-2080	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL-P)	147.97	45.36
28 46 13 31-2081	EA	White, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL)	148.70	45.36
28 46 13 31-2082	EA	White, Amber Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-ALERT)	160.20	45.36
28 46 13 31-2083	EA	White, Clear Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-CLR-ALERT)	197.47	45.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2084	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH)	206.75	45.36
28 46 13 31-2085	EA	White, Amber Lens, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-ALERT)	205.20	45.36
28 46 13 31-2086	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-P)	205.20	45.36
28 46 13 31-2087	EA	Red, Plain, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-P)	212.92	51.40
28 46 13 31-2088	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK)	210.72	51.40
28 46 13 31-2089	EA	White, Plain, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK-P)	212.43	51.40
28 46 13 31-2090	EA	Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-R)	221.94	51.40
28 46 13 31-2091	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK)	208.76	51.40
28 46 13 31-2092	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK-P)	209.74	51.40
28 46 13 31-2093	EA	White, Plain, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-P)	147.72	45.36
28 46 13 31-2094	EA	Amber, Wall Strobe Lens Attachment (System Sensor LENS-A)	25.56	6.04
28 46 13 31-2095	EA	Blue, Wall Strobe Lens Attachment (System Sensor LENS-B)	25.56	6.04
28 46 13 31-2096	EA	Green, Wall Strobe Lens Attachment (System Sensor LENS-G)	25.56	6.04
28 46 13 31-2097	EA	Red, Wall Strobe Lens Attachment (System Sensor LENS-R)	25.56	6.04
28 46 13 31-2098	EA	Red, 12/24 Volt DC, Wall Mounted, L-Series Compact Strobe (System Sensor SGRL)	151.15	45.36
28 46 13 31-2099	EA	White, 12/24 Volt DC, Wall Mounted, L-Series Compact Strobe (System Sensor SGWL)	148.46	45.36
28 46 13 31-2100	EA	L-Series, Amber, Wall Strobe Lens Attachment (System Sensor LENS-A2, AC2)	25.56	6.04
28 46 13 31-2101	EA	L-Series, Blue, Wall Strobe Lens Attachment (System Sensor LENS-B2, BC2)	25.56	6.04
28 46 13 31-2102	EA	L-Series, Green, Wall Strobe Lens Attachment (System Sensor LENS-G2, GC2)	25.56	6.04
28 46 13 31-2103	EA	L-Series, Red, Wall Strobe Lens Attachment (System Sensor LENS-R2, RC2)	25.56	6.04
28 46 13 31-2104	EA	Red, 8 Multi-tone, 12 VDC, 1575CD, Wall Mounted Strobe (Wheelock MT-121575W-FR)	260.46	45.36
28 46 13 31-2105	EA	White, 8 Multi-tone, 12 VDC,1575CD, No Lettering, Wall Mounted Strobe (Wheelock MT-121575W-NW)	260.46	45.36

28 46 13 31-2106 Ceiling Mounted Strobes *(28 46 13 31-1975)*

28 46 13 31-2107	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRL)	151.88	45.36
28 46 13 31-2108	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRH)	175.19	45.36
28 46 13 31-2109	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRHK)	209.24	51.40
28 46 13 31-2110	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRK)	209.24	51.40
28 46 13 31-2111	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWL)	151.88	45.36
28 46 13 31-2112	EA	Clear Lens, White, Two Wire, 12/24 Volt DC, Standard Candela, Ceiling Mounted Strobe (System Sensor SCWL-CLR-ALERT)	161.67	45.36
28 46 13 31-2113	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWH)	209.84	45.36
28 46 13 31-2114	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWHK)	210.72	51.40
28 46 13 31-2115	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWK)	208.76	51.40
28 46 13 31-2116	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW-P)	186.64	45.36
28 46 13 31-2117	EA	Blue, Ceiling Strobe Lens Attachment (System Sensor LENS-BC)	25.56	6.04
28 46 13 31-2118	EA	Red, Ceiling Strobe Lens Attachment (System Sensor LENS-RC)	25.56	6.04
28 46 13 31-2119	EA	Green, Ceiling Strobe Lens Attachment (System Sensor LENS-GC)	25.56	6.04
28 46 13 31-2120	EA	Amber, Ceiling Strobe Lens Attachment (System Sensor LENS-AC)	25.56	6.04

28 46 13 31-2121 Wall Mounted Speakers *(28 46 13 31-1975)*

28 46 13 31-2122	EA	24 Volt DC, 4 Field Selectable Sound Pulse Patterns, Directional Sound Speaker With Voice And Integral Audio Amplifier (System Sensor PF24V)	375.52	45.36
28 46 13 31-2123	EA	Red, Wall Mounted Speaker (System Sensor SPRL)	129.37	45.36
28 46 13 31-2124	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK)	200.82	45.36
28 46 13 31-2125	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK-R)	170.34	51.40
28 46 13 31-2126	EA	Red, High dB, Wall Mounted Speaker (System Sensor SPRV)	145.57	45.36
28 46 13 31-2127	EA	White, Wall Mounted Speaker (System Sensor SPWL)	129.37	45.36
28 46 13 31-2128	EA	White, Outdoor, Wall Mounted Speaker (System Sensor SPWK)	211.94	51.40
28 46 13 31-2129	EA	White, High dB, Wall Mounted Speaker (System Sensor SPWV)	144.44	45.36

28 46 13 31-2130 Ceiling Mounted Speakers *(28 46 13 31-1975)*

28 46 13 31-2131	EA	Red, Ceiling Mounted Speaker (System Sensor SPCRL)	126.68	45.36
28 46 13 31-2132	EA	Outdoor, Ceiling Mounted Speaker (System Sensor SPCRK)	190.01	45.36
28 46 13 31-2133	EA	Red, High dB, Ceiling Mounted Speaker (System Sensor SPCRV)	145.57	45.36
28 46 13 31-2134	EA	White, Ceiling Mounted Speaker (System Sensor SPCWL)	128.88	45.36
28 46 13 31-2135	EA	White, High dB, Ceiling Mounted Speaker (System Sensor SPCWV)	168.07	45.36
28 46 13 31-2136	EA	White, Outdoor, Ceiling Mounted Speaker (System Sensor SPCWK)	212.92	51.40

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2137		**Wall Mounted Speakers/Strobes** *(28 46 13 31-1975)*		
28 46 13 31-2138	EA	White Speaker Strobe Expander Plate With Standard Candela (System Sensor SEP-SPSWL)	138.39	15.12
28 46 13 31-2139	EA	White Speaker Strobe Expander Plate Backbox Skirt (System Sensor SPSEP-BBSWL)	71.25	15.12
28 46 13 31-2140	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL)	203.27	45.36
28 46 13 31-2141	EA	Red, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRH)	214.69	45.36
28 46 13 31-2142	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK)	282.75	51.40
28 46 13 31-2143	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-P)	288.28	51.40
28 46 13 31-2144	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-R)	247.66	51.40
28 46 13 31-2145	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL-P)	201.06	45.36
28 46 13 31-2146	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRV)	208.11	45.36
28 46 13 31-2147	EA	White, Amber Lens, Wall Mounted, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-ALERT)	204.24	45.36
28 46 13 31-2148	EA	White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-CLR-ALERT)	291.71	51.40
28 46 13 31-2149	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL)	203.27	45.36
28 46 13 31-2150	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH)	265.54	45.36
28 46 13 31-2151	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH-P)	265.54	45.36
28 46 13 31-2152	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK)	301.49	51.40
28 46 13 31-2153	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-P)	287.30	51.40
28 46 13 31-2154	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-P)	200.08	45.36
28 46 13 31-2155	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV)	256.26	45.36
28 46 13 31-2156	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV-P)	256.26	45.36
28 46 13 31-2157	EA	L-Series, White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-CLR-ALERT)	213.90	51.40
28 46 13 31-2158		**Ceiling Mounted Speakers/Strobes** *(28 46 13 31-1975)*		
28 46 13 31-2159	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRL)	190.05	45.36
28 46 13 31-2160	EA	Red, Selectable Candela (135, 150, 177, 185) Candela, High-Candela, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRH)	216.89	45.36
28 46 13 31-2161	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRV)	208.11	45.36
28 46 13 31-2162	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL)	190.05	45.36
28 46 13 31-2163	EA	White, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-CLR-ALERT)	202.29	45.36
28 46 13 31-2164	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH)	265.54	45.36
28 46 13 31-2165	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWHK)	302.96	51.40
28 46 13 31-2166	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH-P)	265.54	45.36
28 46 13 31-2167	EA	White, Outdoor, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK-CLR-ALERT)	292.20	51.40
28 46 13 31-2168	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK)	301.49	51.40
28 46 13 31-2169	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-P)	190.05	45.36
28 46 13 31-2170	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV)	256.26	45.36
28 46 13 31-2171	EA	White, High-Candela/High dB, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWVH)	265.54	45.36
28 46 13 31-2172	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV-P)	256.26	45.36
28 46 13 31-2173	EA	High-Candela/High dB, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRVH)	265.32	45.36
28 46 13 31-2174		**Electric Alarm Bells** *(28 46 13 31-1975)*		
28 46 13 31-2175	EA	6" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-6)	158.00	45.36
28 46 13 31-2176	EA	8" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-8)	169.99	45.36
28 46 13 31-2177	EA	10" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-10)	183.20	45.36
28 46 13 31-2178	EA	6" 120 Volt AC Alarm Bell (System Sensor SSV120-6)	178.91	45.96
28 46 13 31-2179	EA	8" 120 Volt AC Alarm Bell (System Sensor SSV120-8)	180.95	45.96
28 46 13 31-2180	EA	10" 120 Volt AC Alarm Bell (System Sensor SSV120-10)	193.83	45.96

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2181		**Device Bases** *(28 46 13 31-1975)*		
28 46 13 31-2182	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base (System Sensor B200S)	118.57	15.12
28 46 13 31-2183	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR)	114.90	15.12
28 46 13 31-2184	EA	Intelligent Isolator Base (System Sensor B224BI)	95.08	15.12
28 46 13 31-2185	EA	Intelligent Relay Base (System Sensor B224RB)	96.06	15.12
28 46 13 31-2186	EA	Flangeless, Intelligent Detector Base (System Sensor B501)	60.78	15.12
28 46 13 31-2187	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base, Ivory (System Sensor B200S-IV)	118.57	15.12
28 46 13 31-2188	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, Ivory (System Sensor B200SR-IV)	114.90	15.12
28 46 13 31-2189	EA	Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR-LF)	170.20	15.12
28 46 13 31-2190	EA	Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, Ivory (System Sensor B200SR-LF-IV)	170.20	15.12
28 46 13 31-2191	EA	Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, White (System Sensor B200SR-LF-WH)	164.82	15.12
28 46 13 31-2192	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, White (System Sensor B200SR-WH)	138.23	15.12
28 46 13 31-2193	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base, White (System Sensor B200S-WH)	112.70	15.12
28 46 13 31-2194	EA	Intelligent Isolator Base, Ivory (System Sensor B224BI-IV)	95.08	15.12
28 46 13 31-2195	EA	Intelligent Isolator Base, White (System Sensor B224BI-WH)	89.21	15.12
28 46 13 31-2196	EA	Intelligent Relay Base, Ivory (System Sensor B224RB-IV)	96.06	15.12
28 46 13 31-2197	EA	Intelligent Relay Base, White (System Sensor B224RB-WH)	90.43	15.12
28 46 13 31-2198	EA	Flangeless, Intelligent Detector Base, Black (System Sensor B501-BL)	60.78	15.12
28 46 13 31-2199	EA	Flangeless, Intelligent Detector Base, Ivory (System Sensor B501-IV)	60.78	15.12
28 46 13 31-2200	EA	Flangeless, Intelligent Detector Base, White (System Sensor B501-WHITE)	54.41	15.12
28 46 13 31-2201	EA	Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base (System Sensor B200S-LF)	173.14	15.12
28 46 13 31-2202	EA	Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base, Ivory (System Sensor B200S-LF-IV)	173.14	15.12
28 46 13 31-2203	EA	Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base, White (System Sensor B200S-LF-WH)	166.77	15.12
28 46 13 31-2204	EA	6" Intelligent Flanged Mounting Base (System Sensor B300-6)	48.59	15.12
28 46 13 31-2205	EA	6" Intelligent Flanged Mounting Base, Ivory (System Sensor B300-6-IV)	54.71	15.12
28 46 13 31-2206	EA	Two Wire, Flanged, 12/24 Volt DC, Low-Profile, Adapter Base (System Sensor B110LP)	55.77	15.12
28 46 13 31-2207	EA	Four Wire, Form A And C, 24 Volt DC Low-Profile, Adapter Base (System Sensor B112LP)	111.33	18.14
28 46 13 31-2208		**Boxes, Plates And Decals** *(28 46 13 31-1975)*		
28 46 13 31-2209	EA	120 Volt AC, Mounting Plate, For Spectralert Advance Devices (System Sensor MP120K)	54.90	15.12
28 46 13 31-2210	EA	Red, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBB)	81.43	15.12
28 46 13 31-2211	EA	White, Ceiling Mounted, Metal, Weatherproof Backbox (System Sensor MWBBCW)	88.48	15.12
28 46 13 31-2212	EA	White, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBBW)	81.43	15.12
28 46 13 31-2213	EA	Red Retrofit Plate (System Sensor RFP)	37.91	9.07
28 46 13 31-2214	EA	White Retrofit Plate (System Sensor RFPW)	37.62	9.07
28 46 13 31-2215	EA	Red, Wall Mounted, Weatherproof Backbox (System Sensor SA-WBB)	69.19	15.12
28 46 13 31-2216	EA	Red, Ceiling Mounted, Weatherproof Backbox (System Sensor SA-WBBC)	77.61	15.12
28 46 13 31-2217	EA	Red, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCRL)	55.49	15.12
28 46 13 31-2218	EA	White, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCWL)	55.49	15.12
28 46 13 31-2219	EA	Red, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBRL)	48.35	15.12
28 46 13 31-2220	EA	Red, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPRL)	53.73	15.12
28 46 13 31-2221	EA	White, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPWL)	53.73	15.12
28 46 13 31-2222	EA	White, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBWL)	48.35	15.12
28 46 13 31-2223	EA	Surface Mounted Box For Intelligent Control Or Monitor Modules (System Sensor SMB500)	55.00	15.12
28 46 13 31-2224	EA	Surface Mounted Box For 400 And 500 Series Detectors And Sounder Bases (System Sensor SMB600)	48.59	15.12
28 46 13 31-2225	EA	Red, Wall Mounted Horn/Strobe Trim Ring (System Sensor TR-HS)	17.70	6.04
28 46 13 31-2226	EA	Red Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-R)	25.75	
28 46 13 31-2227	EA	Red Decals, Three Pack, Spectralert Advance Ceiling Products (System Sensor DECAL-RC)	35.67	
28 46 13 31-2228	EA	White Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-W)	25.75	
28 46 13 31-2229	EA	White Decals, Three Pack, Spectralert Advance Wall Products (System Sensor DECAL-WC)	35.67	
28 46 13 31-2230	EA	Red, Wall Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TR-2)	19.48	6.04
28 46 13 31-2231	EA	White, Wall Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TR-2W)	19.48	6.04
28 46 13 31-2232	EA	Red, Ceiling Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TRC-2)	19.48	6.04
28 46 13 31-2233	EA	White, Ceiling Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TRC-2W)	19.48	6.04
28 46 13 31-2234	EA	Red, Wall/Surface Mounted, L-Series Compact Back Box (System Sensor SBBGRL)	48.35	15.12
28 46 13 31-2235	EA	White, Wall/Surface Mounted, L-Series Compact Back Box (System Sensor SBBGWL)	48.35	15.12
28 46 13 31-2236	EA	Red, AGENT Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-AG)	23.36	6.04
28 46 13 31-2237	EA	Red, ALERT Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-AL)	23.36	6.04
28 46 13 31-2238	EA	Red, EVAC Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-EV)	23.36	6.04
28 46 13 31-2239	EA	Red, FIRE Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-F)	23.36	6.04
28 46 13 31-2240	EA	White, AGENT Lettering, L-Series Wall Mounted Bezel (System Sensor BZGW-AG)	23.36	6.04
28 46 13 31-2241	EA	White, ALERT Lettering, L-Series Wall Mounted Bezel (System Sensor BZGW-AL)	23.36	6.04
28 46 13 31-2242	EA	White, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZGW-EV)	23.36	6.04
28 46 13 31-2243	EA	White, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZGW-F)	23.36	6.04
28 46 13 31-2244	EA	Red, Plain, L-Series Wall Mounted Bezel (System Sensor BZGR-P)	23.36	6.04
28 46 13 31-2245	EA	White, Plain, L-Series Wall Mounted Bezel (System Sensor BZGW-P)	23.36	6.04
28 46 13 31-2246	EA	Red, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AG)	23.36	6.04
28 46 13 31-2247	EA	Red, ALERT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AL)	23.36	6.04
28 46 13 31-2248	EA	Red, AGENT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-AG)	25.41	6.04
28 46 13 31-2249	EA	Red, ALERT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-AL)	25.41	6.04
28 46 13 31-2250	EA	Red, EVAC Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-EV)	25.41	6.04
28 46 13 31-2251	EA	Red, FIRE Marking, L-Series Ceiling Mounted Bezel, Pack Of 5 (System Sensor BZRC-F)	25.41	6.04
28 46 13 31-2252	EA	Red, PLAIN Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-P)	25.41	6.04

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28 46 13 31-2253	EA	Red, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZR-EV)	23.36	6.04
28 46 13 31-2254	EA	Red, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZR-F)	23.36	6.04
28 46 13 31-2255	EA	Red, PLAIN Marking, L-Series Wall Mounted Bezel (System Sensor BZR-P)	23.36	6.04
28 46 13 31-2256	EA	Red, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AG)	23.36	6.04
28 46 13 31-2257	EA	White, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-AG)	23.36	6.04
28 46 13 31-2258	EA	White, ALERT Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-AL)	23.36	6.04
28 46 13 31-2259	EA	White, AGENT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-AG)	25.41	6.04
28 46 13 31-2260	EA	White, ALERT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-AL)	25.41	6.04
28 46 13 31-2261	EA	White, EVAC Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-EV)	25.41	6.04
28 46 13 31-2262	EA	White, FIRE Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-F)	25.41	6.04
28 46 13 31-2263	EA	White, PLAIN Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-P)	25.41	6.04
28 46 13 31-2264	EA	White, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-EV)	23.36	6.04
28 46 13 31-2265	EA	White, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-F)	23.36	6.04
28 46 13 31-2266	EA	Replacement Dust Cover For Low Profile Detectors (System Sensor C58-227-01)	4.36	
28 46 13 31-2267	EA	Control Module Barrier (System Sensor CB500)	34.97	9.07
28 46 13 31-2268	EA	White Detector Conversion Kit For SSD Intelligent Low Profile Photo, Ion, And Laser Detectors (System Sensor CK300)	32.33	9.07
28 46 13 31-2269	EA	Black Detector Conversion Kit For SSD Intelligent Low Profile Photo, Ion, And Laser Detectors (System Sensor CK300-BL)	38.64	9.07
28 46 13 31-2270	EA	PTIR Color Kit, White (System Sensor CK-300-IR) Note: Includes cover and trim ring	139.50	9.07
28 46 13 31-2271	EA	PTIR Color Kit, Black (System Sensor CK-300-IR-BL) Note: Includes cover and trim ring	201.65	9.07
28 46 13 31-2272	EA	PTIR Color Kit, Ivory (System Sensor CK-300-IR-IV) Note: Includes cover and trim ring	201.65	9.07
28 46 13 31-2273	EA	Accessory Flange Ring For B210LP Base (System Sensor F210) Note: Includes cover and trim ring	26.80	9.07
28 46 13 31-2274	EA	Black Faceplate (System Sensor FP-BLACK-BP)	26.09	9.07
28 46 13 31-2275	EA	White Faceplate, 2 In/2 Out (System Sensor FP-WHITE-2-BP)	26.46	9.07
28 46 13 31-2276	EA	White Faceplate (System Sensor FP-WHITE-BP)	25.26	9.07
28 46 13 31-2277	EA	White, Back Box (System Sensor SMB500-WH)	46.05	15.12
28 46 13 31-2278	EA	Accessory Flange Ring For B210LP Base, White (System Sensor TR300)	18.22	6.04
28 46 13 31-2279	EA	Accessory Flange Ring For B210LP Base, Ivory (System Sensor TR300-IV)	25.36	6.04
28 46 13 31-2280	EA	White Faceplate Swift (System Sensor FP-WHITE-SWIFT-BP)	27.61	9.07
28 46 13 31-2281	EA	Red, ALERT Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-AL)	23.36	6.04
28 46 13 31-2282	EA	Red, AGENT Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-AG)	25.41	6.04
28 46 13 31-2283	EA	Red, ALERT Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-AL)	25.41	6.04
28 46 13 31-2284	EA	Red, EVAC Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-EV)	25.41	6.04
28 46 13 31-2285	EA	Red, FIRE Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-F)	25.41	6.04
28 46 13 31-2286	EA	Red, Plain, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-P)	25.41	6.04
28 46 13 31-2287	EA	Red, EVAC Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-EV)	23.36	6.04
28 46 13 31-2288	EA	Red, FIRE Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-F)	23.36	6.04
28 46 13 31-2289	EA	Red, Plain, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-P)	23.36	6.04
28 46 13 31-2290	EA	L Series, 120 VAC Adapter Mounting Plate (System Sensor MP120KL)	69.59	15.12
28 46 13 31-2291	EA	White, Amber Lens, Universal Expander Plate (System Sensor SEP-SPSWL-P)	134.23	15.12

28 46 13 31-2292 Chimes *(28 46 13 31-1975)*

28 46 13 31-2293	EA	Red, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHRL)	148.28	45.36
28 46 13 31-2294	EA	White, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHWL)	152.86	45.36

28 46 13 31-2295 Chime/Strobes *(28 46 13 31-1975)*

28 46 13 31-2296	EA	Red, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSRL)	217.95	45.36
28 46 13 31-2297	EA	White, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSWL)	217.95	45.36
28 46 13 31-2298	EA	L-Series, Red, 15, 30, 75, 95, 115, 150, 177 Multi-Candela, 24 Volt DC, Ceiling Mounted Chime/Strobe (System Sensor CHSCRL)	219.41	45.36
28 46 13 31-2299	EA	L-Series, White, 15, 30, 75, 95, 115, 150, 177 Multi-Candela, 24 Volt DC, Ceiling Mounted Chime/Strobe (System Sensor CHSCWL)	219.41	45.36

28 46 13 31-2300 Carbon Monoxide Detectors *(28 46 13 31-1975)*

28 46 13 31-2301	EA	Conventional Carbon Monoxide Detector (System Sensor CO1224)	259.76	60.47
28 46 13 31-2302	EA	Round, Sounder And Trouble Relay With Test Function, 12/24 Volt DC, Conventional Carbon Monoxide Detector (System Sensor CO1224TR)	215.99	45.36
28 46 13 31-2303	EA	CO Detector Plate For Replacing Round CO Detectors With The CO1224T (System Sensor CO-PLATE)	18.01	6.04
28 46 13 31-2304	EA	Intelliquad Plus Intelligent Addressable Combination Multi-Criteria Fire And Carbon Monoxide Detector With Flashscan (System Sensor FCO-951)	318.76	45.36
28 46 13 31-2305	EA	12/24 VDC, Conventional Carbon Monoxide Detector With Sounder And Trouble Relay With Test Function, UL2075 Listed (System Sensor CO1224T)	246.24	60.47
28 46 13 31-2306	EA	Intelliquad Plus Intelligent Addressable Combination Multi-Criteria Fire And Carbon Monoxide Detector With Flashscan, Ivory (System Sensor FCO-951-IV)	329.52	45.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2307		**Switches** *(28 46 13 31-1975)*		
28 46 13 31-2308	EA	SPDT Switch, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-1)	193.23	24.19
28 46 13 31-2309	EA	Two SPDT Switches, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-2)	215.26	24.19
28 46 13 31-2310	EA	SPDT Switch, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-1)	193.23	24.19
28 46 13 31-2311	EA	Two SPDT Switches, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-2)	215.26	24.19
28 46 13 31-2312	EA	Outside Screw And Yoke Valve, Two SPDT, Supervisory Switch (System Sensor OSY2)	201.06	24.19
28 46 13 31-2313	EA	Post Indicator Butterfly Valve, SPDT, Supervisory Switch (System Sensor PIBV2)	188.34	24.19
28 46 13 31-2314		**Low Frequency Sounders** *(28 46 13 31-1975)*		
28 46 13 31-2315	EA	Red, Low Frequency Sounder (System Sensor HR-LF)	211.39	45.36
28 46 13 31-2316	EA	White, Low Frequency Sounder (System Sensor HW-LF)	211.39	45.36
28 46 13 31-2317	EA	Red, Ceiling Mounted, Low-frequency Compact Sounder (System Sensor HCRL-LF)	180.02	45.36
28 46 13 31-2318	EA	White, Ceiling Mounted, Low-frequency Compact Sounder (System Sensor HCWL-LF)	180.02	45.36
28 46 13 31-2319	EA	Red, Wall Mounted, Low-frequency Compact Sounder (System Sensor HGRL-LF)	178.80	45.36
28 46 13 31-2320	EA	White, Wall Mounted, Low-frequency Compact Sounder (HGWL-LF)	178.80	45.36
28 46 13 31-2321		**Sync Modules** *(28 46 13 31-1975)*		
28 46 13 31-2322	EA	Red, 12/24 Volt DC, Sync Module (System Sensor MDL3R)	155.90	30.24
28 46 13 31-2323	EA	White, 12/24 Volt DC, Sync Module (System Sensor MDL3W)	153.45	30.24
28 46 13 31-2324		**Relays** *(28 46 13 31-1975)*		
28 46 13 31-2325	EA	Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10E)	89.68	24.19
28 46 13 31-2326	EA	SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10T)	57.74	15.12
28 46 13 31-2327	EA	4-Gang Relay, Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14E)	162.37	15.12
28 46 13 31-2328	EA	4-Gang Relay, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14T)	120.28	15.12
28 46 13 31-2329	EA	Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20E)	96.24	24.19
28 46 13 31-2330	EA	DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20T)	59.50	15.12
28 46 13 31-2331	EA	4-Gang Relay, Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24E)	182.43	15.12
28 46 13 31-2332	EA	4-Gang Relay, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24T)	137.17	15.12
28 46 13 31-2333	EA	18 To 35 Volt DC, 18 To 35 Volt AC, 120 Volt AC, SPDT Multivoltage Relay (System Sensor PR-1)	50.60	15.12
28 46 13 31-2334	EA	10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-2)	50.60	15.12
28 46 13 31-2335	EA	Redundant Power Input, 10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-3)	50.60	15.12
28 46 13 31-2336		**Remote Annunciator** *(28 46 13 31-1975)*		
28 46 13 31-2337	EA	Remote Annunciator (System Sensor RA100Z)	121.54	45.36
28 46 13 31-2338	EA	Remote LED Annunciator (System Sensor RA100ZA)	120.71	45.36
28 46 13 31-2339	EA	Remote Annunciator With Piezo Alarm (System Sensor APA151)	150.05	45.36
28 46 13 31-2340		**Remote Test Station** *(28 46 13 31-1975)*		
28 46 13 31-2341	EA	Remote Test Station With Key (System Sensor RTS151KEY)	185.16	45.36
28 46 13 31-2342		**Fire Alarm Digital Cellular Communicator** *(28 46 13 31)*		
28 46 13 31-2343	EA	Digital Cellular Communicator With Antenna And Red Enclosure (Telular Telguard TG-7FS)	728.52	60.47
28 46 13 31-2344		**Wheelock Fire Alarm** *(28 46 13 31)*		
28 46 13 31-2345		**Ceiling Mounted Chimes/Strobes** *(28 46 13 31-2344)*		
28 46 13 31-2346	EA	White, Round, Selectable Candela (15, 30, 75, 100 Candela), 24 Volt DC, Ceiling Mounted Chime/Strobe (Wheelock CH90-24MCC-FW)	292.99	45.36
28 46 13 31-2347		**Wall Mounted Chimes/Strobes** *(28 46 13 31-2344)*		
28 46 13 31-2348	EA	Red, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FR)	292.99	45.36
28 46 13 31-2349	EA	White, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FW)	292.99	45.36
28 46 13 31-2350		**Ceiling Mounted Horns/Strobes** *(28 46 13 31-2344)*		
28 46 13 31-2351	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSRC)	183.72	45.36
28 46 13 31-2352	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSWC)	180.26	45.36
28 46 13 31-2353		**Wall Mounted Horns/Strobes** *(28 46 13 31-2344)*		
28 46 13 31-2354	EA	Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted, Horn/Strobe (Wheelock ASWP-2475W-FR)	188.04	45.36
28 46 13 31-2355	EA	Red, 24 Volt DC, 15/75 Candela, Continuous Or Code 3 Tone, Wall Mounted Horn/Strobe (Wheelock HS4-241575 Watt-FR)	267.09	45.36
28 46 13 31-2356	EA	Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	214.52	45.36
28 46 13 31-2357	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	214.52	45.36

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2358	EA	Red, Flush, 24 Volt AC, 15/75 Candela, Sync/Non-Sync, Wall Mounted Horn/Strobe (Wheelock MT-241575 Watt-FR)	253.17	45.36
28 46 13 31-2359	EA	Red, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FR)	212.69	45.36
28 46 13 31-2360	EA	Red, 115 Volt AC, Wall Mounted Horn/Strobe (Wheelock MT4-115-WH-VFR)	210.15	45.36
28 46 13 31-2361	EA	Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted Horn/Strobe (Wheelock MTWP-2475W-FR)	231.39	51.40
28 46 13 31-2362	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSR)	187.02	45.36
28 46 13 31-2363	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSW)	187.02	45.36
28 46 13 31-2364	EA	White, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FW)	209.13	45.36
28 46 13 31-2365	EA	Red, 24 Volt DC, 15/30/75/110 Selectable Candela, Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	214.52	45.36
28 46 13 31-2366	EA	White, 24 Volt DC, 15/30/75/110 Selectable Candela, Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	214.52	45.36

28 46 13 31-2367 Ceiling Mounted Strobes *(28 46 13 31-2344)*

28 46 13 31-2368	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FR)	174.57	45.36
28 46 13 31-2369	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FW)	174.57	45.36
28 46 13 31-2370	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STRC)	164.12	45.36
28 46 13 31-2371	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STWC)	166.95	45.36
28 46 13 31-2372	EA	White, 24 Volt DC, Amber Lens, Multi- Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe, No Lettering (Wheelock RSSA-24MCC-NW)	187.78	45.36
28 46 13 31-2373	EA	White, 24 Volt DC, Amber Lens, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe, Red ALERT Lettering (Wheelock RSSA-24MCC-ALW)	189.56	45.36
28 46 13 31-2374	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe With Fire Lettering (Wheelock RSS-24MCCH-FW)	190.32	45.36
28 46 13 31-2375	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Weatherproof Strobe With Fire Lettering (Wheelock RSSWP-2475C-FR)	171.70	45.36

28 46 13 31-2376 Wall Mounted Strobes *(28 46 13 31-2344)*

28 46 13 31-2377	EA	Red, Multi-Candela, 24 Volt DC, Wall Mounted Strobe (Wheelock AMT-24MCW-FR)	274.18	45.36
28 46 13 31-2378	EA	Red, Retrofit Plate, 12 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSSP-121575W-FR)	216.75	45.36
28 46 13 31-2379	EA	Red, 24 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSS-241575W-FR)	212.94	45.36
28 46 13 31-2380	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FR)	172.54	45.36
28 46 13 31-2381	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FW)	172.54	45.36
28 46 13 31-2382	EA	Red, Retrofit Plate, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSSP-24MCW-FR)	185.75	45.36
28 46 13 31-2383	EA	Outdoor, Red, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FR) Note: Requires WPSBB-R.	192.26	51.40
28 46 13 31-2384	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STR)	168.22	45.36
28 46 13 31-2385	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STW)	168.22	45.36
28 46 13 31-2386	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Strobe, No Lettering (Wheelock RSS-24MCWH-NW)	203.54	45.36
28 46 13 31-2387	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Wall Mounted Strobe, No Lettering (Wheelock RSS-24MCW-NW)	174.82	45.36
28 46 13 31-2388	EA	Weatherproof, White, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FW) Note: Requires WPSBB-R.	186.98	51.40
28 46 13 31-2389	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Weatherproof Wall Mounted Strobe (Wheelock RSSWP-24MCWH-FW)	183.45	45.36

28 46 13 31-2390 Ceiling Mounted Speakers/Strobes *(28 46 13 31-2344)*

28 46 13 31-2391	EA	Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FR)	216.75	45.36
28 46 13 31-2392	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FW)	216.75	45.36
28 46 13 31-2393	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-FW)	216.75	45.36
28 46 13 31-2394	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW)	219.29	45.36
28 46 13 31-2395	EA	White, 24 Volt DC, Multi-Candela 115/177, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCCH-FW)	233.52	45.36
28 46 13 31-2396	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FW)	253.35	45.36
28 46 13 31-2397	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FR)	253.35	45.36
28 46 13 31-2398	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FR)	221.33	45.36
28 46 13 31-2399	EA	White, 2 Watts, 24 Volt DC, 15/30/75/95 Candela, Square, No Lettering, Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-NW)	204.73	45.36
28 46 13 31-2400	EA	Round, 2 Watt, 24 Volt DC, 15/30/75/95CD, No Lettering, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-NW)	216.48	45.36
28 46 13 31-2401	EA	White, 8 Watts, 24 Volt DC, 75 Candela, Weatherproof, Ceiling Mounted, Speaker/Strobe (Wheelock ET70WP-2475C-FW)	228.22	45.36

28 46 13 31-2402 Wall Mounted Speakers/Strobes *(28 46 13 31-2344)*

28 46 13 31-2403	EA	Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FR)	293.39	45.36
28 46 13 31-2404	EA	White, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FW)	293.39	45.36
28 46 13 31-2405	EA	Red, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FR)	233.52	45.36
28 46 13 31-2406	EA	White, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FW)	233.52	45.36
28 46 13 31-2407	EA	Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FR)	216.75	45.36

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2408	EA	White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FW)	212.69	45.36
28 46 13 31-2409	EA	Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FR)	233.52	45.36
28 46 13 31-2410	EA	White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FW)	233.52	45.36
28 46 13 31-2411	EA	Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E70-241575 Watt-FR)	290.30	45.36
28 46 13 31-2412	EA	Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FR)	219.29	45.36
28 46 13 31-2413	EA	White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FW)	217.26	45.36
28 46 13 31-2414	EA	Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR)	283.34	45.36
28 46 13 31-2415	EA	White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW)	290.30	45.36
28 46 13 31-2416	EA	Red, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FR)	253.35	45.36
28 46 13 31-2417	EA	White, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FW)	253.35	45.36
28 46 13 31-2418	EA	Weatherproof, Red, 24 Volt DC, 75 Candela, Wall Mounted Speaker Strobe/(Wheelock ET70WP-2475 W-FR) Note: Requires weatherproof backbox (IOB).	315.55	51.40
28 46 13 31-2419	EA	Interior, Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock RSS-24MCWH-FR)	197.95	45.36
28 46 13 31-2420	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock RSS-24MCWH-FW)	190.32	45.36
28 46 13 31-2421	EA	White, 2 Watts, 24 Volt DC, 15/30/75/95 Candela, Round, Wall Mounted Speaker/Strobe (Wheelock E60-24MCW-FW)	216.48	45.36
28 46 13 31-2422	EA	Red, 24 Volt DC, 135/185 Multi-Candela, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR)	228.22	45.36
28 46 13 31-2423	EA	White, 24 Volt DC, 135/185 Multi-Candela, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW)	232.63	45.36
28 46 13 31-2424	EA	White, 8 Watt, 24 VDC, 15/30/75/110 Candela, No Lettering, Wall Mounted, Speaker/Strobe (Wheelock ET70-24MCW-NW)	239.97	45.36
28 46 13 31-2425	EA	Red, 8 Watts, Weatherproof, 185 Candela, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-24185W-FR)	245.35	45.36
28 46 13 31-2426	EA	Red, 24 Volt DC, 75 Candela, Weatherproof, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-2475W-FR) Note: Requires IOB	241.93	45.36
28 46 13 31-2427	EA	White, 8 Watts, 24 Volt DC, 75 Candela, Weatherproof, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-2475W-FW) Note: Requires IOB	239.97	45.36

28 46 13 31-2428 Electric Alarm Bells *(28 46 13 31-2344)*

28 46 13 31-2429	EA	6" Diameter, 24 Volt DC, Red, Vibrating Bell (Wheelock 43T-G6-24-R)	210.65	45.36
28 46 13 31-2430	EA	6" Diameter, 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G6-115-R)	202.52	45.36
28 46 13 31-2431	EA	10" Diameter, 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G10-115-R)	256.90	45.36
28 46 13 31-2432	EA	10" Diameter, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CSX10-115-R)	2,131.68	51.40
28 46 13 31-2433	EA	10" Diameter, Outdoor, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CSXG10-115-R)	3,457.16	51.40
28 46 13 31-2434	EA	10" Diameter, Vibrating, Outdoor, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CVXG10-115-R)	3,158.53	51.40
28 46 13 31-2435	EA	6", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G6-24-R)	164.66	45.36
28 46 13 31-2436	EA	10", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G10-24-R)	192.50	45.36
28 46 13 31-2437	EA	6", ADA, 12 Volt DC, Red, Motor Bell (Wheelock MB-G6-12-R)	167.71	45.36
28 46 13 31-2438	EA	10", ADA, 12 Volt DC, Red, Indoor/Outdoor Motor Bell (Wheelock MB-G10-12-R)	190.79	45.36

28 46 13 31-2439 Horns *(28 46 13 31-2344)*

28 46 13 31-2440	EA	Two Wire, 24 Volt DC, Indoor Or Outdoor, Continuous Or Code 3, Sync Or Non Sync Horn (Wheelock AH-24WP-R)	152.60	45.36
28 46 13 31-2441	EA	Red, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNR)	136.04	45.36
28 46 13 31-2442	EA	White, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNW)	136.04	45.36
28 46 13 31-2443	EA	Red, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNRC)	137.16	45.36
28 46 13 31-2444	EA	White, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNWC)	137.16	45.36
28 46 13 31-2445	EA	Red, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-R)	118.36	45.36
28 46 13 31-2446	EA	White, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-W)	118.36	45.36
28 46 13 31-2447	EA	Red, Flush, 12/24 Volt AC, Horn (Wheelock MT-12/24-R)	137.16	45.36
28 46 13 31-2448	EA	Red, 24 Volt DC, Four Wire, Wall Mounted Horn (Wheelock HS-24-R)	146.50	45.36

28 46 13 31-2449 Speakers *(28 46 13 31-2344)*

28 46 13 31-2450	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-R)	140.42	45.36
28 46 13 31-2451	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-W)	140.42	45.36
28 46 13 31-2452	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-R)	140.42	45.36
28 46 13 31-2453	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-W)	138.18	45.36
28 46 13 31-2454	EA	Red, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-R)	140.42	45.36
28 46 13 31-2455	EA	White, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-W)	140.42	45.36
28 46 13 31-2456	EA	Red, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-R)	140.42	45.36
28 46 13 31-2457	EA	White, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-W)	140.42	45.36
28 46 13 31-2458	EA	Red, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-R)	164.91	45.36
28 46 13 31-2459	EA	White, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-W)	164.91	45.36
28 46 13 31-2460	EA	White, Round, 25 Or 70.7 VRMS, 1/8 - 8 Watt Ceiling Mounted Speaker (Wheelock ET90-W)	166.95	45.36
28 46 13 31-2461	EA	Red, Surface Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1010-R)	192.01	45.36
28 46 13 31-2462	EA	Red, Flush Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1080-R)	174.88	45.36
28 46 13 31-2463	EA	Grey, 1 To 15 Watt, 25/70/100 Volt Transformer, Loud Speaker (Wheelock STH-15S)	324.50	45.36
28 46 13 31-2464	EA	Red, 1 To 15 Watt, 25/70/100 Volt Transformer, Loud Speaker (Wheelock STH-15SR)	324.50	45.36
28 46 13 31-2465	EA	Red, 1/8 To 8 Watts, Square, Surface Mounted, Vandal Resistant Speaker (Wheelock ET-1010-R)	192.01	45.36
28 46 13 31-2466	EA	White, 8 Watts, Wall/Ceiling Mounted, Vandal Resistant Speaker (Wheelock ET-1010-W)	193.97	45.36
28 46 13 31-2467	EA	Red, 1/8 To 8 Watts, Square, Flush Mounted, Vandal Resistant Speaker (Wheelock ET-1080-R)	174.88	45.36
28 46 13 31-2468	EA	White, 8", 25/70 Volt, 15/30/75/95 Candela, Round, Ceiling Mounted, Speaker (Wheelock S8-24MCC-FW)	252.69	45.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2469	EA	White, 8", 25/70 Volt, Round, Ceiling Mounted, Speaker (Wheelock S8-70/25)	186.63	45.36
28 46 13 31-2470		**Sync Modules** *(28 46 13 31-2344)*		
28 46 13 31-2471	EA	12 Or 24 Volt DC, Single Circuit Class B, Sync Module (Wheelock SM-12/24-R)	181.15	30.24
28 46 13 31-2472		**Boxes, Plates And Rings** *(28 46 13 31-2344)*		
28 46 13 31-2473	EA	4" Square, Red, Surface Backbox (Wheelock BB-R)	41.37	15.12
28 46 13 31-2474	EA	Standard 4" Square Box (Wheelock BB-STD)	37.87	15.12
28 46 13 31-2475	EA	Black, Backbox For UZC-256 (Wheelock BB-UZC)	218.54	30.24
28 46 13 31-2476	EA	Red, Backbox For UZC-256 (Wheelock BB-UZC-R)	218.54	30.24
28 46 13 31-2477	EA	9" x 12" x 2.75", For Two XP Boards, Surface Mounted Cabinet (Wheelock BB-XP)	168.76	24.19
28 46 13 31-2478	EA	Red, Extender Ring For E60 Series (Wheelock E60EXT-R)	22.06	6.04
28 46 13 31-2479	EA	White, Extender Ring For E60 Series (Wheelock E60EXT-W)	22.06	6.04
28 46 13 31-2480	EA	Red, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-R)	53.42	15.12
28 46 13 31-2481	EA	White, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-W)	50.16	15.12
28 46 13 31-2482	EA	Red, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-R)	53.42	15.12
28 46 13 31-2483	EA	White, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-W)	53.42	15.12
28 46 13 31-2484	EA	4" Square Backbox (Wheelock DBB-R)	43.45	15.12
28 46 13 31-2485	EA	Red, Surface Backbox (Wheelock IOB-R)	51.28	15.12
28 46 13 31-2486	EA	White, Surface, Backbox (Wheelock IOB-W)	51.28	15.12
28 46 13 31-2487	EA	White, Indoor, Surface Extender (Wheelock ISP2-W)	20.99	6.04
28 46 13 31-2488	EA	Red, RS/RSS Strobe Trim Plate (Wheelock NATP-R)	25.25	6.04
28 46 13 31-2489	EA	White, RS/RSS Strobe Trim Plate (Wheelock NATP-W)	25.25	6.04
28 46 13 31-2490	EA	Red Retrofit Plate (Wheelock RP-R)	25.31	6.04
28 46 13 31-2491	EA	4" Speaker/Strobe Ceiling Tile Support Bracket (Wheelock SSB-4)	36.86	6.04
28 46 13 31-2492	EA	Red, Surface Mounted, Backbox For Chimes, Speakers (Wheelock SBB-R)	53.92	15.12
28 46 13 31-2493	EA	White, Surface Mounted, Backbox For Chimes, Speaker (Wheelock SBB-W)	54.64	15.12
28 46 13 31-2494	EA	Red, Surface Mounted, Backbox For With RSSP (Wheelock SBL2-R)	58.40	15.12
28 46 13 31-2495	EA	Red, Semi-Flush Plate (Wheelock SFB-R)	26.41	6.04
28 46 13 31-2496	EA	White, Semi-Flush Plate (Wheelock SFB-W)	26.41	6.04
28 46 13 31-2497	EA	Red, Shallow Surface Mounted, Backbox (Wheelock SHBB-R)	46.86	15.12
28 46 13 31-2498	EA	White, Shallow Surface Mounted, Backbox (Wheelock SHBB-W)	46.86	15.12
28 46 13 31-2499	EA	Red, Adapter Plate For Mounting Sth-15S And Sth-15SR (Wheelock SHMP-R)	32.02	6.04
28 46 13 31-2500	EA	Red, Weather Resistant Backbox (Wheelock WBB-R)	53.01	15.12
28 46 13 31-2501	EA	Silver, Weather Resistant Backbox (Wheelock WBB-S)	53.01	15.12
28 46 13 31-2502	EA	White, Weather Resistant Backbox (Wheelock WBB-W)	53.01	15.12
28 46 13 31-2503	EA	Red, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-R)	39.75	6.04
28 46 13 31-2504	EA	White, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-W)	39.75	6.04
28 46 13 31-2505	EA	Red, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-R)	39.75	6.04
28 46 13 31-2506	EA	White, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-W)	39.75	6.04
28 46 13 31-2507	EA	Gasket Kit For Rear Wiring To Outdoor Backbox (Wheelock WP-KIT)	22.82	6.04
28 46 13 31-2508	EA	Weather Resistant Backbox For ASWP (Wheelock WPBB-R)	56.86	15.12
28 46 13 31-2509	EA	Weather Resistant Backbox For RSSWP (Wheelock WPSBB-R)	52.56	15.12
28 46 13 31-2510	EA	Red Plate For RSS (Wheelock RSSCP-R)	20.99	6.04
28 46 13 31-2511	EA	White Plate For RSS (Wheelock RSSCP-W)	20.99	6.04
28 46 13 31-2512	EA	Red Fire Plate For RSS (Wheelock RSSCPW-FR)	22.06	6.04
28 46 13 31-2513	EA	White Fire Plate For RSS (Wheelock RSSCPW-FW)	22.06	6.04
28 46 13 31-2514	EA	Red, Indoor, Surface Extender (Wheelock ISP2-R)	21.45	6.04
28 46 13 31-2515	EA	Red, 24 Volt DC, 135/185 Candela, Wall Mounted Strobe Plate (Wheelock RSSP-24MCHW-FR)	129.55	6.04
28 46 13 31-2516	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, Ceiling Mounted Strobe Plate (Wheelock RSSPA-24MCC-ALW)	116.34	6.04
28 46 13 31-2517	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, No Lettering, Ceiling Mounted Strobe Plate (Wheelock RSSPA-24MCC-NW)	114.38	6.04
28 46 13 31-2518	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, ALERT Lettering, Wall Mounted Strobe Plate (Wheelock RSSPA-24MCW-ALW)	116.34	6.04
28 46 13 31-2519	EA	Red, Square Grill Plate For CH70, E70, ET70 (Wheelock ECHG70-R)	21.25	6.04
28 46 13 31-2520	EA	White, Square Grill Plate For CH70, E70, ET70 (Wheelock ECHG70-W)	20.66	6.04
28 46 13 31-2521	EA	Red, Round Grill Plate For CH70, E70, ET70 (Wheelock ECHG90-R)	21.69	6.04
28 46 13 31-2522	EA	White, Round Grill Plate For CH70, E70, ET70 (Wheelock ECHG90-W)	21.69	6.04
28 46 13 31-2523	EA	White, Fire Lettered, Grill Plate For E50 Speaker/Strobe (Wheelock ECHSG50-FW)	20.66	6.04
28 46 13 31-2524	EA	Red, Square, Fire Lettered, Grill Plate For CH70,E70,ET70 Speaker/Strobe (Wheelock ECHSG70W-FR)	21.59	6.04
28 46 13 31-2525	EA	White, Square, Fire Lettered, Grill Plate For CH70,E70,ET70 Speaker/Strobe (Wheelock ECHSG70W-FW)	21.59	6.04
28 46 13 31-2526	EA	Red, Round, Fire Lettered, Grill Plate For CH70, E70, ET70 Speaker Strobe (Wheelock ECHSG90-R)	20.66	6.04
28 46 13 31-2527	EA	White, Round, Fire Lettered, Grill Plate For CH70, E70, ET70 Speaker Strobe (Wheelock ECHSG90-W)	20.66	6.04
28 46 13 31-2528	EA	Red, Surface Mounted, Extender Ring (Wheelock SER-R)	28.10	6.04
28 46 13 31-2529	EA	White, Surface Mounted, Extender Ring (Wheelock SER-W)	28.40	6.04
28 46 13 31-2530	EA	Red, Semi-Flush, Plate (Wheelock SFP-R)	22.82	6.04
28 46 13 31-2531	EA	Silver, Semi-Flush, Plate (Wheelock SFP-S)	21.69	6.04
28 46 13 31-2532	EA	White, Semi-Flush, Plate (Wheelock SFP-W)	22.82	6.04
28 46 13 31-2533	EA	Red, Weather Resistant Back Box For ASWP (Wheelock WPBB-R)	56.86	15.12
28 46 13 31-2534	EA	Red, Weather Resistant Back Box For RSSWP (Wheelock WPSBB-R)	52.56	15.12
28 46 13 31-2535	EA	White, Weather Resistant Back Box For RSSWP Series (Wheelock WPSBB-W)	52.56	15.12
28 46 13 31-2536		**Manual Pull Station** *(28 46 13 31-2344)*		
28 46 13 31-2537	EA	SPST, Single Action, Manual Pull Station (Eaton Wheelock MPS-100)	132.29	30.24
28 46 13 31-2538	EA	SPST, Double Action, Manual Pull Station (Eaton Wheelock MPS-200)	132.29	30.24
28 46 13 31-2539	EA	Explosion Proof, Single Action Manual Pull Station (Eaton Wheelock MPS-400X)	1,144.92	30.24

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2540		Potter Fire Alarm *(28 46 13 31)*		
28 46 13 31-2541		Electric Alarm Bells *(28 46 13 31-2540)*		
28 46 13 31-2542	EA	6" Alarm Bell, 12 Volt DC (Potter MBA-6-12)	127.92	45.36
28 46 13 31-2543	EA	8" Alarm Bell, 12 Volt DC (Potter MBA-8-12)	139.68	45.36
28 46 13 31-2544	EA	10" Alarm Bell, 12 Volt DC (Potter MBA-10-12)	145.55	45.36
28 46 13 31-2545	EA	6" Alarm Bell, 24 Volt DC (Potter MBA-6-24)	127.92	45.36
28 46 13 31-2546	EA	8" Alarm Bell, 24 Volt DC (Potter MBA-8-24)	139.68	45.36
28 46 13 31-2547	EA	10" Alarm Bell, 24 Volt DC (Potter MBA-10-24)	145.55	45.36
28 46 13 31-2548	EA	6" Alarm Bell, 24 Volt AC (Potter PBA246)	137.90	45.36
28 46 13 31-2549	EA	8" Alarm Bell, 24 Volt AC (Potter PBA248)	143.54	45.36
28 46 13 31-2550	EA	10" Alarm Bell, 24 Volt AC (Potter PBA2410)	176.77	45.36
28 46 13 31-2551	EA	6" Alarm Bell, 120 Volt AC (Potter PBA1206)	129.62	45.36
28 46 13 31-2552	EA	8" Alarm Bell, 120 Volt AC (Potter PBA1208)	143.54	45.36
28 46 13 31-2553	EA	10" Alarm Bell, 120 Volt AC (Potter PBA12010)	155.18	45.36
28 46 13 31-2554		Manual Pull Station *(28 46 13 31-2540)*		
28 46 13 31-2555	EA	SPST, Single Action, Manual Pull Station (Potter P32-1T)	93.79	30.24
28 46 13 31-2556	EA	DPST, Single Action, Manual Pull Station (Potter RMS-2T)	99.12	30.24
28 46 13 31-2557	EA	DPST, Single Action, Manual Pull Station (Potter RMS-6T)	159.19	30.24
28 46 13 31-2558	EA	DPST, Single Action, Key Reset Manual Pull Station (Potter RMS-1T-KL)	102.44	30.24
28 46 13 31-2559	EA	SPST, Dual Action, Manual Pull Station (Potter P32-1T-LP)	96.81	30.24
28 46 13 31-2560	EA	SPST, Weather Proof, Manual Pull Station (Potter RMS-1T-WP)	177.97	30.24
28 46 13 31-2561	EA	SPST, Weather Proof Dual Action, Manual Pull Station (Potter RMS-1T-WP-LP)	222.78	30.24
28 46 13 31-2562		Fire Alarm Terminal Cabinets *(28 46 13 31)*		
28 46 13 31-2563	EA	18 Point Lockable Fire Alarm Terminal Cabinet	246.58	60.57
28 46 13 31-2564	EA	32 Point Lockable Fire Alarm Terminal Cabinet	321.86	60.57
28 46 13 31-2565	EA	64 Point Lockable Fire Alarm Terminal Cabinet	472.40	60.57
28 46 13 31-2566	EA	128 Point Lockable Fire Alarm Terminal Cabinet	622.89	60.57
28 46 13 31-2567		Bosch Fire Alarm Equipment *(28 46 13 31)*		
28 46 13 31-2568	EA	Fire (Red) Keypad (Bosch D1255RB)	414.79	60.57
28 46 13 31-2569	EA	Fire Alarm Communication Alarm Panel (Bosch D7412GV4)	968.05	242.30
28 46 13 31-2570	EA	Fire Alarm (Red) Enclosure (Bosch D8109)	245.09	45.43
28 46 13 31-2571	EA	Dual Phone Line Switcher (Bosch D928)	190.82	24.23
28 46 13 31-2572	EA	Phone Cords (Bosch D161/D162)	23.98	6.05
28 46 13 31-2573	EA	Dual battery Harness (Bosch D122)	28.61	6.05
28 46 13 31-2574	EA	Battery Charging Module (Bosch D8132)	230.97	24.23
28 46 13 31-2575	EA	7 AH, 12 Volt Battery (Bosch D126)	77.01	15.15
28 46 13 31-2576	EA	Transformer (Bosch D1640)	32.58	6.05
28 46 13 31-2577	EA	Transformer Kit (Bosch D8004)	107.28	12.12
28 46 13 31-2578	EA	Phone Jack, Modular (Bosch D166/RJ31X)	23.98	6.05
28 46 13 31-2579		Test And Certification Of Fire Alarm System *(28 46 13 31)*		
28 46 13 31-2580	DAY	Test And Certification Of Fire Alarm System To Tie Into Existing Systems	961.48	
28 46 13 31-2581	HR	Test And Certification Of Fire Alarm System	300.46	
28 46 13 31-2582		Programming Of Fire Alarm System *(28 46 13 31)*		
28 46 13 31-2583	HR	Programming Of Fire Alarm System	360.56	
28 46 13 31-2584		Removal And Reinstallation Of Smoke Detector *(28 46 13 31)*		
		Note: Includes storage, cleaning and supply materials.		
28 46 13 31-2585	EA	Removal And Reinstallation Of Ceiling Mounted Smoke Detector	169.34	
28 46 13 31-2586	EA	Removal And Reinstallation Of Wall Mounted Smoke Detector	136.07	
28 46 13 31-2587		Kidde Fire Safety Equipment *(28 46 13 31)*		
28 46 13 31-2588		Smoke Detectors *(28 46 13 31-2587)*		
28 46 13 31-2589	EA	Combination Smoke And Carbon Monoxide Detector, Intelligent Sensor, 120 Volt Hardwired, With10 Year Sealed Battery Back-up (Kidde P4010ACS-CO)	156.52	45.36
28 46 13 31-2590	EA	Combination Smoke And Carbon Monoxide Detector, 120 Volt Wired, With 10 Year Sealed Battery Back-up (Kidde i12010SCO)	137.96	45.36
28 46 13 31-2591	EA	Combination Smoke And Carbon Monoxide Detector, With 10 Year Sealed Battery (Kidde P3010K-CO)	127.67	45.36
28 46 31		**Fire-Alarm Initiating Devices** *(28 46)*		
28 46 31 11		**Heat-Sensing Fire Detectors** *(28 46 31)*		
28 46 31 11-0001		Protectowire Fire Alarm *(28 46 31 11)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 31 11-0002		Linear Heat Detector *(28 46 31 11-0001)*		
28 46 31 11-0003	LF	Multi-Purpose Linear Heat Detector, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC)	5.57	
28 46 31 11-0004	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC-M	6.03	
28 46 31 11-0005	LF	High Performance Linear Heat Detector, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR)	6.03	
28 46 31 11-0006	LF	High Performance Linear Heat Detector With Messenger Wire, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR-M	6.50	
28 46 31 11-0007	LF	Multi-Purpose Linear Heat Detector, XLT Type, 135 Degree F (Protectowire PHSC-XLT)	7.08	
28 46 31 11-0008	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, XLT Type, 135 Degree F (Protectowire PHSC-XLT-M)	7.55	
28 46 31 11-0009	EA	Flexible Lead Connector For Linear Heat Detector (Protectowire PFL)	70.18	
28 46 31 11-0010	EA	Splicing Connector For Linear Heat Detector (Protectowire PWSC)	27.64	
28 46 31 11-0011	EA	Cable Tray Clip For Linear Heat Detector (Protectowire CC-2N And CC-2W)	9.29	
28 46 31 11-0012	EA	Cable Tray Spring Clip For Linear Heat Detector (Protectowire HPC-2)	9.29	
28 46 31 11-0013	EA	Adhesive Cable Mount For Linear Heat Detector (Protectowire EMS-A-CO)	10.34	
28 46 31 11-0014	EA	Beam Clamp For Linear Heat Detector (Protectowire BC-2)	16.12	
28 46 31 11-0015	EA	Beam Clamp With Polypropylene Clip For Linear Heat Detector (Protectowire BC-3P)	16.74	
28 46 31 11-0016	EA	Pipe Mounting Straps Nylon (3/4" to 2" Pipe) (Protectowire PM-3A)	1.58	
28 46 31 11-0017	EA	Pipe Mounting Straps Nylon (2-1/2" to 3-1/2" Pipe) (Protectowire PM-3B)	2.15	
28 46 31 11-0018	EA	Pipe Mounting Straps Nylon (4" to 6" Pipe) (Protectowire PM-3C)	9.45	

28 46 41 Fire-Alarm Notification Appliances *(28 46)*

28 46 41 11 Audible Fire-Alarm Notification Appliances *(28 46 41)*

See CSI section 28 46 13 31-0000 for fire alarm speakers.

28 46 41 31 Combination Fire-Alarm Notification Appliances *(28 46 41)*

See CSI section 28 46 13 31-0000 for fire alarm horns and strobes.

28 47 Mass Notification *(28 40)*

28 47 15 Mass Notification Control Panels *(28 47)*

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 15 00-0001		Central Station Controls *(28 47 15)*		
28 47 15 00-0002	EA	Desktop 18 Function Base Station Control/Encoder (Whelen E747)	974.10	
28 47 15 00-0003	EA	Desktop 35 Function Base Station Control/Encoder (Whelen E969)	1,584.49	
28 47 15 00-0004	EA	Desktop Central Station Control Encoder/Decoder (Whelen E2010)	4,356.35	
28 47 15 00-0005	EA	Siren Status Printer And Cable Option For E2010 (Whelen E2010P)	1,360.12	30.24
28 47 15 00-0006	EA	Rack Mounted Central Station Control Encoder/Decoder (Whelen E2010R)	5,011.51	30.24
28 47 15 00-0007	EA	Internal Option To Convert E2010 To FSK Format (Whelen E2010FSK)	756.71	30.24
28 47 15 00-0008	EA	Option To Convert Activation Controls To FSK Format (Whelen FSKCEO)	861.84	30.24

28 47 17 Notification Devices and Methods *(28 47)*

28 47 17 17 Notification Appliances and Methods Public Methods *(28 47 17)*

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0001		Voice Capable Omni-Directional Speakers *(28 47 17 17)*		
28 47 17 17-0002	EA	1 Cell, 109 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2901A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	13,533.44	777.65
28 47 17 17-0003	EA	2 Cells, 115 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2902A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	16,552.12	811.47
28 47 17 17-0004	EA	3 Cells, 119 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2903A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	19,533.35	845.28
28 47 17 17-0005	EA	4 Cells, 121 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2904A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	22,514.58	879.09
28 47 17 17-0006	EA	5 Cells, 123 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2905A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	25,570.70	912.91
28 47 17 17-0007	EA	6 Cells, 125 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2906A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	30,686.43	946.71
28 47 17 17-0008	EA	7 Cells, 126 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2907A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	33,705.11	980.53
28 47 17 17-0009	EA	8 Cells, 127 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2908A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	37,335.43	1,014.34
28 47 17 17-0010	EA	9 Cells, 128 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2909A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	40,316.66	1,048.15
28 47 17 17-0011	EA	10 Cells, 129 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2910A) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	43,335.34	1,081.96
28 47 17 17-0012	EA	3 Cells, 127 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4003) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	29,563.02	946.71
28 47 17 17-0013	EA	4 Cells, 129 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4004) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	31,495.72	980.53
28 47 17 17-0014	EA	One-Way Control, 10 Digit DTMF Landline (Whelen D2030LL)	470.56	30.24
28 47 17 17-0015	EA	VHF High-Band Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NV)	2,207.44	30.24
28 47 17 17-0016	EA	UHF Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NU)	2,207.44	30.24
28 47 17 17-0017	EA	UHF Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WU)	1,995.24	30.24
28 47 17 17-0018	EA	VHF High-Band Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WV)	1,932.83	30.24
28 47 17 17-0019	EA	Two-Tone Sequential Option (Whelen WPSTT)	435.33	30.24
28 47 17 17-0020	EA	Full Function Auxiliary/Status Board For Contact Closure Activation (Two Way) (Whelen AUXCS)	555.71	30.24
28 47 17 17-0021	EA	Landline, 10 Digit DTMF (Whelen C2030LL)	577.24	30.24
28 47 17 17-0022	EA	VHF High-Band Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NV)	3,145.41	30.24
28 47 17 17-0023	EA	UHF Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NU)	2,419.64	30.24
28 47 17 17-0024	EA	UHF Wide-Band, 10 Digit DTMF (Whelen C2030WU)	2,419.64	30.24

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0025	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen C2030WV)	2,419.64	30.24
28 47 17 17-0026	EA	Option To Convert WPS Activation Controls To FSK Format (Whelen FSKXMOD)	861.84	30.24
28 47 17 17-0027	EA	Cabinet Window LED Status Indicator (Whelen STATUS)	563.31	30.24
28 47 17 17-0028	EA	Paging Interface Whelen Tones With Existing In-Plant Systems (Whelen PGINT)	358.99	30.24
28 47 17 17-0029	EA	Intrusion Alarm (Whelen INTRUWPS)	273.84	30.24
28 47 17 17-0030	EA	Custom Pre-Recorded Messages (One Time Set-Up Charge Per Message) (Whelen MSGPROG)	186.94	
28 47 17 17-0031	EA	Whelen Library Messages (Whelen MSGPROGL)	37.44	
28 47 17 17-0032	EA	Noise Cancelling Microphone Includes Local Microphone Input Harness (Whelen WPSNCMIC)	151.00	30.24
28 47 17 17-0033	EA	One Pair Of Whelen Approved Batteries (Whelen WPSBATT)	1,129.25	45.36
28 47 17 17-0034	EA	WPS And OA Series, Roof Top Mounted (Whelen RTM)	10,577.17	743.85
28 47 17 17-0035	EA	Two 80 Watt Panels, Solar Power System (Whelen SBC280) Note: Includes mounting bracket and regulator.	4,444.60	181.43
28 47 17 17-0036	EA	Amber, 6 LED Lights For The Base Of WPS Series (Whelen VALERTA)	2,262.65	45.36
28 47 17 17-0037	EA	Blue, 6 LED Lights For The Base Of WPS Series (Whelen VALERTB)	2,262.65	45.36
28 47 17 17-0038	EA	Clear, 6 LED Lights For The Base Of WPS Series (Whelen VALERTC)	2,262.65	45.36
28 47 17 17-0039	EA	Green, 6 LED Lights For The Base Of WPS Series (Whelen VALERTG)	2,262.65	45.36
28 47 17 17-0040	EA	Red, 6 LED Lights For The Base Of WPS Series Products (Whelen VALERTR)	2,262.65	45.36
28 47 17 17-0041	EA	Amber, 24 Volt DC, LED, Beacon (Whelen L31HAF4)	705.36	45.36
28 47 17 17-0042	EA	Blue, 24 Volt DC, LED, Beacon (Whelen L31HBF4)	705.36	45.36
28 47 17 17-0043	EA	Red, 24 Volt DC, LED, Beacon (Whelen L31HRF4)	705.36	45.36
28 47 17 17-0044	EA	Amber, 24 Volt DC, Strobe (Whelen ISB24A)	553.65	45.36
28 47 17 17-0045	EA	Blue, 24 Volt DC, Strobe (Whelen ISB24B)	553.65	45.36
28 47 17 17-0046	EA	Clear, 24 Volt DC, Strobe (Whelen ISB24C)	553.65	45.36
28 47 17 17-0047	EA	Green, 24 Volt DC, Strobe (Whelen ISB24G)	553.65	45.36
28 47 17 17-0048	EA	Red, 24 Volt DC, Strobe (Whelen ISB24R)	553.65	45.36
28 47 17 17-0049	EA	Strobe/LED Controller With Mounting Plate, Hardware And Harnessing For ISB24 (Whelen SCWPS)	875.57	30.24
28 47 17 17-0050	EA	Strobe Controller (Whelen STCTRL)	582.14	30.24
28 47 17 17-0051	EA	LED Controller (Whelen LEDCTRL)	582.14	30.24
28 47 17 17-0052	EA	Speaker Driver Handle/Plate Assembly Only (Less Speaker Driver) (Whelen EZ-PULL)	400.15	45.36
28 47 17 17-0053	EA	Siren Diagnostic and Programming Software In CD Format (Whelen SDPTS)	508.13	
28 47 17 17-0054	EA	400 Watt Speaker Driver (Whelen SPKDRV)	805.29	30.24
28 47 17 17-0055	EA	Cabinet Window LED Status Indicator (Whelen STATUS)	406.94	30.24
28 47 17 17-0056	EA	Noise Cancelling Microphone Option For Encoder (Whelen WPSMIC)	151.00	30.24
28 47 17 17-0057	EA	Notifier/Whelen Interface Board (Whelen NAUXCS)	796.48	30.24

28 47 17 17-0058 Tone Only, Omni-Alert Sirens *(28 47 17 17)*

28 47 17 17-0059	EA	One Cell, Tone Only, Omni-Alert Siren (Whelen OA1) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	10,914.20	743.85
28 47 17 17-0060	EA	Two Cell, Tone Only, Omni-Alert Siren (Whelen OA2) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	13,658.27	777.65
28 47 17 17-0061	EA	Three Cell, Tone Only, Omni-Alert Siren (Whelen OA3) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	16,377.36	811.47
28 47 17 17-0062	EA	Four Cell, Tone Only, Omni-Alert Siren (Whelen OA4) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	19,158.87	845.28
28 47 17 17-0063	EA	One Way Controls, Auxiliary Board For Contact Closure Activation (Whelen OAUXIN)	312.61	30.24
28 47 17 17-0064	EA	One Way Landline Activation, 10 Digit DTMF (Whelen OD2030LL)	470.56	30.24
28 47 17 17-0065	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen OD230NV)	2,207.44	30.24
28 47 17 17-0066	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen OD230NU)	2,207.44	30.24
28 47 17 17-0067	EA	UHF Wide-Band, 10 Digit DTMF (Whelen OD230WU)	1,995.24	30.24
28 47 17 17-0068	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen OD230WV)	1,932.83	30.24
28 47 17 17-0069	EA	One-Way Control Two-Tone Sequential Option (Whelen OTT)	380.52	30.24
28 47 17 17-0070	EA	Two Way Controls, Contact Closure Activation Board (Whelen OAUXCS)	692.08	30.24
28 47 17 17-0071	EA	Two Way Landline Activation (Whelen OC2030LL)	719.54	30.24
28 47 17 17-0072	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen OC230NV)	2,419.64	30.24
28 47 17 17-0073	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen OC230NU)	2,419.64	30.24
28 47 17 17-0074	EA	UHF, 10 Digit DTMF (Whelen OC230WU)	2,419.64	30.24
28 47 17 17-0075	EA	VHF High Band, 10 Digit DTMF (Whelen OC230WV)	2,419.64	30.24
28 47 17 17-0076	EA	Converts The Omni-Alert Siren Activation Controls To FSK Format (Whelen OFSKXMOD)	861.84	30.24
28 47 17 17-0077	EA	Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen OPGINT)	358.99	30.24
28 47 17 17-0078	EA	Cabinet Window LED Status Indicator (Whelen OSTATUS)	406.94	30.24
28 47 17 17-0079	EA	Intrusion Alarm (Whelen OINTRU)	220.98	30.24
28 47 17 17-0080	EA	80 Watt Solar Power Option (Whelen OSBC280)	4,444.60	181.43
28 47 17 17-0081	EA	One Pair Of Whelen Approved Batteries For Omnialert (Whelen BSETO)	822.81	45.36

28 47 17 17-0082 Tone-Only Rotating Directional Speakers *(28 47 17 17)*

28 47 17 17-0083	EA	3 Cells, 127 dB, Tone-Only Rotating Directional Speaker (Whelen VORTEXR3) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	22,764.23	879.09
28 47 17 17-0084	EA	4 Cells, 129 dB, Tone-Only Rotating Directional Speaker (Whelen VORTEXR4) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	24,147.71	912.91
28 47 17 17-0085	EA	Limited Function Auxiliary Board For Contact Closure Activation (Whelen VAUXIN)	258.18	30.24
28 47 17 17-0086	EA	Landline, 10 Digit DTMF (Whelen VD2030LL)	583.48	30.24
28 47 17 17-0087	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen VD230NV)	2,207.44	30.24
28 47 17 17-0088	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen VD230NU)	2,207.44	30.24
28 47 17 17-0089	EA	UHF Wide-Band, 10 Digit DTMF (Whelen VD230WU)	1,995.24	30.24
28 47 17 17-0090	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen VD230WV)	1,932.83	30.24
28 47 17 17-0091	EA	Two-Tone Sequential Option (Order One-Way Control Option, Above, VD2020LI, VD2020H, VD2020U) (Whelen VORTT)	380.52	30.24
28 47 17 17-0092	EA	Full Function Auxiliary/Status Control Board For Contact Closure Activation (Whelen VAUXCS)	678.35	30.24
28 47 17 17-0093	EA	Landline, 10 Digit DTMF (Whelen VC2030LL)	719.54	30.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0094	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen VC230NV)	2,419.64	30.24
28 47 17 17-0095	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen VC230NU)	2,419.64	30.24
28 47 17 17-0096	EA	UHF, 10 Digit DTMF (Whelen VC230WU)	2,419.64	30.24
28 47 17 17-0097	EA	VHF High Band, 10 Digit DTMF (Whelen VC230WV)	2,419.64	30.24
28 47 17 17-0098	EA	Option To Convert The Vortex Activation Controls To FSK Format (Whelen VFSKXMOD)	861.84	30.24
28 47 17 17-0099	EA	Cabinet Window LED Status Indicator (Whelen VSTATUS)	502.35	30.24
28 47 17 17-0100	EA	Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen VPGINT)	358.99	30.24
28 47 17 17-0101	EA	Vortex Intrusion Alarm (Whelen VINTRU)	220.98	30.24
28 47 17 17-0102	EA	Speaker Pole Top Bracket (Whelen VPTB)	692.08	30.24
28 47 17 17-0103	EA	80 Watt Solar Power Option (Whelen VSBC280)	4,444.60	181.43
28 47 17 17-0104	EA	One Pair Of Whelen Approved Batteries For Vortex Series (Whelen BSETVOR)	822.81	45.36
28 47 17 17-0105	EA	Program Charge For Custom VROM Message (Whelen VPROG)	3,448.71	

28 47 17 17-0106 Uni-Directional Rotating Speakers *(28 47 17 17)*

28 47 17 17-0107	EA	118 dB, Uni-Directional Rotating Speaker (Whelen HORNET)	14,482.11	777.65
28 47 17 17-0108	EA	One Way Contact Closure Activation Control Board (Whelen HAUXIN)	258.18	30.24
28 47 17 17-0109	EA	Landline, One Way Control, 10 Digit DTMF (Whelen HD2030LL)	583.48	30.24
28 47 17 17-0110	EA	VHF High-Narrow Band, One Way Control, 10 Digit DTMF (Whelen HD230NV)	2,207.44	30.24
28 47 17 17-0111	EA	UHF Narrow-Band, One Way Control, 10 Digit DTMF (Whelen HD230NU)	2,207.44	30.24
28 47 17 17-0112	EA	UHF Wide-Band, One Way Control, 10 Digit DTMF (Whelen HD230WU)	1,995.24	30.24
28 47 17 17-0113	EA	VHF High-Wide Band, One Way Control, 10 Digit DTMF (Whelen HD230WV)	1,932.83	30.24
28 47 17 17-0114	EA	Two-Tone Sequential Option For Hornet (Whelen HORTT)	468.64	30.24
28 47 17 17-0115	EA	Two Way Contact Closure Activation And Status Control Board (Whelen HAUXCS)	544.95	30.24
28 47 17 17-0116	EA	Landline, Two Way Control, 10 Digit DTMF (Whelen HC2030LL)	577.24	30.24
28 47 17 17-0117	EA	VHF High-Narrow Band, Two Way Control, 10 Digit DTMF (Whelen HC230NV)	2,419.64	30.24
28 47 17 17-0118	EA	UHF Narrow-Band, Two Way Control, 10 Digit DTMF (Whelen HC230NU)	2,419.64	30.24
28 47 17 17-0119	EA	UHF, Two Way Control, 10 Digit DTMF (Whelen HC230WU)	2,419.64	30.24
28 47 17 17-0120	EA	VHF High Band, Two Way Control, 10 Digit DTMF (Whelen HC230WV)	2,419.64	30.24
28 47 17 17-0121	EA	Converts Siren Activation Controls To FSK Format (Whelen HFSKXMOD)	861.84	30.24
28 47 17 17-0122	EA	LED Status Indicator (Whelen HSTATUS)	406.94	30.24
28 47 17 17-0123	EA	Option For Paging Interface (Whelen HPGINT)	358.99	30.24
28 47 17 17-0124	EA	Intrusion Alarm (Whelen HINTRU)	220.98	30.24
28 47 17 17-0125	EA	Solar Power Option (Whelen HSBC280)	4,444.60	181.43
28 47 17 17-0126	EA	Pole Top Bracket For Speaker (Whelen HPTB)	574.31	30.24
28 47 17 17-0127	EA	One Pair Of Whelen Approved Batteries (Whelen BSETF)	822.81	45.36

28 47 17 17-0128 All Hazard In-Plant Personnel Warning System *(28 47 17 17)*

28 47 17 17-0129	EA	400 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS400)	7,227.79	967.62
28 47 17 17-0130	EA	800 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS800)	8,780.34	1,088.58
28 47 17 17-0131	EA	15 Watt, Wide Angle Speaker (Whelen WS15T)	367.69	45.36
28 47 17 17-0132	EA	Recess Mounted, 15 Watt Speaker (Whelen WS15TR)	352.03	45.36
28 47 17 17-0133	EA	With Grill, Recess Mounted, 15 Watt Speaker (Whelen WS15TEN)	665.23	45.36
28 47 17 17-0134	EA	30 Watt, Wide Angle Speaker (Whelen WS30T)	456.76	45.36
28 47 17 17-0135	EA	60 Watt, Wide Angle Speaker (Whelen WS60T)	914.81	45.36
28 47 17 17-0136	EA	Explosion-Proof, 60 Watt, Wide Angle Speaker (Whelen WSXPL6T)	1,762.97	51.40
28 47 17 17-0137	EA	100 Watt, Wide Angle Speaker (Whelen WS100)	585.95	45.36
28 47 17 17-0138	EA	Weatherproof Housing, 100 Watt, Wide Angle Speaker (Whelen WS100TCH)	911.25	51.40
28 47 17 17-0139	EA	Intrusion Alarm For Whelen Outdoor Speaker Cabinets (Whelen INTRU)	220.98	30.24

28 47 17 17-0140 Firehouse Siren *(28 47 17 17)*

28 47 17 17-0141	EA	Auxiliary Board Contact Closure (Whelen FAUXIN)	258.18	30.24
28 47 17 17-0142	EA	Two-Tone Sequential Option (Whelen FTT)	380.52	30.24
28 47 17 17-0143	EA	Auxiliary/Status Control Board (Whelen FAUXCS)	678.35	30.24
28 47 17 17-0144	EA	Landline, 10 Digit DTMF (Whelen FC2030LL)	577.24	30.24
28 47 17 17-0145	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen FC230NV)	2,419.64	30.24
28 47 17 17-0146	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen FC230NU)	2,419.64	30.24
28 47 17 17-0147	EA	UHF, 10 Digit DTMF (Whelen FC230WU)	2,419.64	30.24
28 47 17 17-0148	EA	VHF High Band, 10 Digit DTMF (Whelen FC230WV)	2,419.64	30.24
28 47 17 17-0149	EA	Paging Interface Control Option (Whelen FPGINT)	358.99	30.24
28 47 17 17-0150	EA	Intrusion Alarm Control Option (Whelen FINTRU)	220.98	30.24
28 47 17 17-0151	EA	Solar Power Option (Whelen FSBC280) Note: Two 80 watt panels, with brackets and solar regulator.	4,444.60	181.43

28 47 17 17-0152 Alert Monitor And Message Display *(28 47 17 17)*

28 47 17 17-0153	EA	Alert Monitor With Radio Receiver VHF High Band (Whelen V2000H)	2,020.21	30.24
28 47 17 17-0154	EA	Alert Monitor VHF High-Narrow Band (Whelen V2000NH)	2,020.21	30.24
28 47 17 17-0155	EA	Alert Monitor UHF Narrow-Band (Whelen V2000NU)	2,020.21	30.24
28 47 17 17-0156	EA	Alert Monitor With Radio Receiver UHF (Whelen V2000U)	2,020.21	30.24
28 47 17 17-0157	EA	Internal Battery And Charger For VA2000 Series (Whelen VA2BATT)	234.58	45.36
28 47 17 17-0158	EA	Mounting Bracket For Under Cabinet Or Vehicle Mounting - VA2000 Series (Whelen VA2MTG)	71.24	30.24
28 47 17 17-0159	EA	Factory Programming Of 1 To 15 VA2000 Display Messages (Whelen VA2PROGA)	138.98	
28 47 17 17-0160	EA	Factory Programming Of 16 To 45 VA2000 Display Messages (Whelen VA2PROGB)	218.26	

28 47 17 17-0161 Portable Test Set *(28 47 17 17)*

28 47 17 17-0162	EA	VHF High Band, Portable Test Set (Whelen PT2010H)	8,151.01	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0163	EA	VHF Low Band, Portable Test Set (Whelen PT2010L)	8,151.01	
28 47 17 17-0164	EA	UHF, Portable Test Set (Whelen PT2010U)	8,151.01	
28 47 17 17-0165		Replacement Warning Lights *(28 47 17 17)*		
28 47 17 17-0166	EA	Amber, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IA)	362.98	48.38
28 47 17 17-0167	EA	Blue, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IB)	362.98	48.38
28 47 17 17-0168	EA	Clear, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IC)	362.98	48.38
28 47 17 17-0169	EA	Green, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IG)	362.98	48.38
28 47 17 17-0170	EA	Red, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IR)	362.98	48.38
28 47 17 17-0171	EA	Amber, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IA)	389.40	48.38
28 47 17 17-0172	EA	Blue, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IB)	257.27	48.38
28 47 17 17-0173	EA	Clear, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IC)	385.49	48.38
28 47 17 17-0174	EA	Green, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IG)	385.49	48.38
28 47 17 17-0175	EA	Red, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IR)	385.49	48.38
28 47 17 17-0176	EA	Amber, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HA)	362.98	48.38
28 47 17 17-0177	EA	Blue, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HB)	362.98	48.38
28 47 17 17-0178	EA	Clear, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HC)	362.98	48.38
28 47 17 17-0179	EA	Green, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HG)	362.98	48.38
28 47 17 17-0180	EA	Red, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HR)	362.98	48.38
28 47 17 17-0181	EA	Amber, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HA)	405.06	48.38
28 47 17 17-0182	EA	Blue, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HB)	405.06	48.38
28 47 17 17-0183	EA	Clear, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HC)	267.06	48.38
28 47 17 17-0184	EA	Green, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HG)	267.06	48.38
28 47 17 17-0185	EA	Red, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HR)	267.06	48.38
28 47 17 17-0186		Antenna *(28 47 17 17)*		
28 47 17 17-0187	EA	50' Antenna Cable (Honeywell Ademco 7626-50HC)	295.64	
28 47 17 17-0188	EA	External/Remote Weatherproof Antenna (Honeywell Ademco GSM-ANT3DB)	266.60	
28 47 17 17-0189	EA	80GHz Millimeter Wave Radio (BridgeWave Flex4G-1000)	14,448.08	
28 49		**Electronic Personal Protection Systems** *(28 40)*		
28 49 11		**Electronic Personal Safety Detection Systems** *(28 49)*		
28 49 11 00-0001		Personnel Alarm Locating System *(28 49 11)* Note: Includes a central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels, eighty (80) personal alarm transmitters with lithium batteries, eighty (80) lapel readers, two hundred fifty (250) IR locators, twenty one (21) repeaters and receivers, back boxes, cables.		
28 49 11 00-0002	EA	Personnel Alarm Locating System Note: Includes Pentium III central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels.	22,821.53	970.78
28 49 11 00-0003	EA	Personnel Alarm Transmitters With Lithium Batteries	180.96	
28 49 11 00-0004	EA	Lapel Reader	69.60	
28 49 11 00-0005	EA	IR Locator	253.63	36.35
28 49 11 00-0006	EA	Repeaters And Receivers	618.14	121.16
28 49 17		**Electronic Personal Safety Emergency Aid Devices** *(28 49)*		
28 49 17 00-0001		Electronic Personal Safety Emergency Aid Devices (Edwards Signaling) *(28 49 17)*		
28 49 17 00-0002		Call For Assistance Kits, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*		
28 49 17 00-0003	EA	Pull Cord Call For Assistance Kit With Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7008B-N5) Note: Includes 1 high intensity strobe/buzzer (7007B-N5) and 1 emergency pull cord station (6537).	329.57	72.69
28 49 17 00-0004	EA	Push Button Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 7005-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 emergency pull cord station (6537), and 1 transformer 592.	391.08	84.81
28 49 17 00-0005	EA	Pull Cord Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6538-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 wall mounted push button (620/147-10), and 1 transformer 592.	393.99	84.81
28 49 17 00-0006		Audible/Visual Signaling Devices, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*		
28 49 17 00-0007	EA	High Intensity Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7007B-N5)	242.69	45.43
28 49 17 00-0008	EA	High Intensity Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6536-G5)	236.49	36.35
28 49 17 00-0009	EA	Transformer For High Intensity Strobe/Horns, Emergency Aid Devices (Edwards Signaling 592)	109.43	36.35
28 49 17 00-0010	EA	1 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-1N5)	191.38	36.35
28 49 17 00-0011	EA	2 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-2N5)	220.68	36.35
28 49 17 00-0012	EA	4 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-4G5)	251.08	36.35
28 49 17 00-0013	EA	2 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-2)	348.81	36.35
28 49 17 00-0014	EA	4 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-4)	390.86	36.35
28 49 17 00-0015		Call Activation Devices, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 49 17 00-0016	EA	Double Pole Single Throw Switch, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 6537)	146.20	36.35
28 49 17 00-0017	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7603E)	216.04	36.35
28 49 17 00-0018	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7613E)	283.46	36.35
28 49 17 00-0019	EA	3 Maintained Contacts, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7302)	304.28	12.12
28 49 17 00-0020	EA	Bedside Wall Station Receptacle, Emergency Aid Devices (Edwards Signaling 7930)	222.27	36.35
28 49 17 00-0021	EA	Bedside Wall Station Receptacle With Lamp, Emergency Aid Devices (Edwards Signaling 7930L)	262.60	36.35
28 49 17 00-0022	EA	Locking Button, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7932L)	446.35	36.35
28 49 17 00-0023	EA	Pendant Push Button, Emergency Aid Devices (Edwards Signaling 7620)	211.18	36.35
28 49 17 00-0024	EA	Single 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7675)	257.16	12.12
28 49 17 00-0025	EA	Double 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7676)	397.89	12.12
28 49 17 00-0026	EA	Single 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7685)	406.55	12.12
28 49 17 00-0027	EA	Double 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7686)	535.78	12.12

END OF SECTION 28

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 Earthwork

31 01 Maintenance of Earthwork *(31)*

31 01 20 Maintenance of Earth Moving *(31 01)*

31 01 20 00-0001 Rip Settling Basins *(31 01 20)*

Note: Rip through light soil and sand in settling basin. 8' on center (machine width).

31 01 20 00-0002	ACR	Rip Light Soil And Sand, By Dozer	686.62
31 01 20 00-0003	ACR	Rip Light Soil And Sand, By Grader With Rear Ripper	1,064.36
31 01 20 00-0004	ACR	Rip Light Soil And Sand, By Rubber Tire Front End Loader	916.15

31 05 Common Work Results for Earthwork *(31)*

31 05 13 Soils for Earthwork *(31 05)*

Note: Includes delivery up to 15 miles from the closest approved source and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0048 for hauling greater than 15 miles.

31 05 13 00-0001 Fill Material (Loose, Purchased Material) *(31 05 13)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0048 for hauling greater than 15 miles.

31 05 13 00-0002	CY	Bank Run/Fill Sand	32.97
		For Up To 8, Add	*6.59*
		For >8 To 16, Add	*3.30*
		For >48 To 64, Deduct	*-2.47*
		For >64 To 96, Deduct	*-4.12*
		For >96, Deduct	*-5.77*
31 05 13 00-0003	CY	Screened/Washed Filter/Septic Sand	38.68
		For Up To 8, Add	*7.74*
		For >8 To 16, Add	*3.87*
		For >48 To 64, Deduct	*-2.75*
		For >64 To 96, Deduct	*-4.69*
		For >96, Deduct	*-6.62*
31 05 13 00-0004	CY	3/8" Minus, ASTM C33, Screened/Washed Bedding Sand	52.39
		For Up To 8, Add	*10.48*
		For >8 To 16, Add	*5.24*
		For >48 To 64, Deduct	*-3.44*
		For >64 To 96, Deduct	*-6.06*
		For >96, Deduct	*-8.68*
31 05 13 00-0005	CY	3/16" Minus, Screened/Washed Concrete Sand	47.25
		For Up To 8, Add	*9.45*
		For >8 To 16, Add	*4.73*
		For >48 To 64, Deduct	*-3.18*
		For >64 To 96, Deduct	*-5.55*
		For >96, Deduct	*-7.91*
31 05 13 00-0006	CY	3/32" Minus, Screened/Washed Masonry/Mortar Sand	82.66
		For Up To 8, Add	*16.53*
		For >8 To 16, Add	*8.27*
		For >48 To 64, Deduct	*-4.95*
		For >64 To 96, Deduct	*-9.09*
		For >96, Deduct	*-13.22*
31 05 13 00-0007	CY	Common Fill, Native Soil/Dirt	39.16
		For Up To 8, Add	*7.83*
		For >8 To 16, Add	*3.92*
		For >48 To 64, Deduct	*-2.78*
		For >64 To 96, Deduct	*-4.74*
		For >96, Deduct	*-6.69*
31 05 13 00-0008	CY	Lime Rock Screening	41.66
		For Up To 8, Add	*8.33*
		For >8 To 16, Add	*4.17*
		For >48 To 64, Deduct	*-2.90*
		For >64 To 96, Deduct	*-4.99*
		For >96, Deduct	*-7.07*
31 05 13 00-0009	CY	Crushed Lime Rock Maximum 3-1/2"	41.66
		For Up To 8, Add	*8.33*
		For >8 To 16, Add	*4.17*
		For >48 To 64, Deduct	*-2.90*
		For >64 To 96, Deduct	*-4.99*
		For >96, Deduct	*-7.07*
31 05 13 00-0010	CY	Sand/Clay	36.22
		For Up To 8, Add	*7.24*
		For >8 To 16, Add	*3.62*
		For >48 To 64, Deduct	*-2.63*
		For >64 To 96, Deduct	*-4.44*
		For >96, Deduct	*-6.25*
31 05 13 00-0011	CY	Recycled Concrete Aggregate	37.27
		For Up To 8, Add	*7.45*
		For >8 To 16, Add	*3.73*
		For >48 To 64, Deduct	*-2.68*
		For >64 To 96, Deduct	*-4.55*
		For >96, Deduct	*-6.41*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 13 00-0012	CY	Pitrun Clay	55.42	
		For Up To 8, Add	*11.08*	
		For >8 To 16, Add	*5.54*	
		For >48 To 64, Deduct	*-3.59*	
		For >64 To 96, Deduct	*-6.36*	
		For >96, Deduct	*-9.13*	
31 05 13 00-0013	CY	Light Clay / Loam	45.61	
		For Up To 8, Add	*9.12*	
		For >8 To 16, Add	*4.56*	
		For >48 To 64, Deduct	*-3.10*	
		For >64 To 96, Deduct	*-5.38*	
		For >96, Deduct	*-7.66*	
31 05 13 00-0014	CY	Heavy Clay	55.42	
		For Up To 8, Add	*11.08*	
		For >8 To 16, Add	*5.54*	
		For >48 To 64, Deduct	*-3.59*	
		For >64 To 96, Deduct	*-6.36*	
		For >96, Deduct	*-9.13*	

31 05 16 Aggregates for Earthwork *(31 05)*

See CSI section 01 74 19 00-0048 for hauling greater than 15 miles.

31 05 16 00-0001 Aggregate (Loose, Purchased Material) *(31 05 16)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0048 for hauling greater than 15 miles.

31 05 16 00-0002	CY	#2 Stone Aggregate Fill (1-1/2" To 2-1/2" Clean)	56.02	
		For Up To 8, Add	*11.20*	
		For >8 To 16, Add	*5.60*	
		For >48 To 64, Deduct	*-3.62*	
		For >64 To 96, Deduct	*-6.42*	
		For >96, Deduct	*-9.22*	
31 05 16 00-0003	CY	#3 Stone Aggregate Fill (1" To 2" Clean)	58.34	
		For Up To 8, Add	*11.67*	
		For >8 To 16, Add	*5.83*	
		For >48 To 64, Deduct	*-3.74*	
		For >64 To 96, Deduct	*-6.65*	
		For >96, Deduct	*-9.57*	
31 05 16 00-0004	CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)	56.02	
		For Up To 8, Add	*11.20*	
		For >8 To 16, Add	*5.60*	
		For >48 To 64, Deduct	*-3.62*	
		For >64 To 96, Deduct	*-6.42*	
		For >96, Deduct	*-9.22*	
31 05 16 00-0005	CY	#5 Stone Aggregate Fill (1/2" To 1" Clean)	60.02	
		For Up To 8, Add	*12.00*	
		For >8 To 16, Add	*6.00*	
		For >48 To 64, Deduct	*-3.82*	
		For >64 To 96, Deduct	*-6.82*	
		For >96, Deduct	*-9.82*	
31 05 16 00-0006	CY	#6 Stone Aggregate Fill (3/8" To 3/4" Clean)	62.38	
		For Up To 8, Add	*12.48*	
		For >8 To 16, Add	*6.24*	
		For >48 To 64, Deduct	*-3.94*	
		For >64 To 96, Deduct	*-7.06*	
		For >96, Deduct	*-10.18*	
31 05 16 00-0007	CY	#56 Stone Aggregate Fill (3/8" To 1")	60.39	
		For Up To 8, Add	*12.08*	
		For >8 To 16, Add	*6.04*	
		For >48 To 64, Deduct	*-3.84*	
		For >64 To 96, Deduct	*-6.86*	
		For >96, Deduct	*-9.88*	
31 05 16 00-0008	CY	#57 Stone Aggregate Fill (3/8" To 1")	64.50	
		For Up To 8, Add	*12.90*	
		For >8 To 16, Add	*6.45*	
		For >48 To 64, Deduct	*-4.05*	
		For >64 To 96, Deduct	*-7.27*	
		For >96, Deduct	*-10.50*	
31 05 16 00-0009	CY	#67 Or #68 Stone Aggregate Fill (3/16" To 3/4")	58.21	
		For Up To 8, Add	*11.64*	
		For >8 To 16, Add	*5.82*	
		For >48 To 64, Deduct	*-3.73*	
		For >64 To 96, Deduct	*-6.64*	
		For >96, Deduct	*-9.55*	
31 05 16 00-0010	CY	#7 Stone Aggregate Fill (3/8" To 1/2")	59.35	
		For Up To 8, Add	*11.87*	
		For >8 To 16, Add	*5.94*	
		For >48 To 64, Deduct	*-3.79*	
		For >64 To 96, Deduct	*-6.76*	
		For >96, Deduct	*-9.72*	
31 05 16 00-0011	CY	#78 Stone Aggregate Fill (3/32" To 1/2")	59.85	
		For Up To 8, Add	*11.97*	
		For >8 To 16, Add	*5.99*	
		For >48 To 64, Deduct	*-3.81*	
		For >64 To 96, Deduct	*-6.81*	
		For >96, Deduct	*-9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 16 00-0012	CY	#8 Stone Aggregate Fill (3/32" To 3/8")	62.38	
		For Up To 8, Add	*12.48*	
		For >8 To 16, Add	*6.24*	
		For >48 To 64, Deduct	*-3.94*	
		For >64 To 96, Deduct	*-7.06*	
		For >96, Deduct	*-10.18*	
31 05 16 00-0013	CY	#89 Stone Aggregate Fill (1/16" To 3/8")	63.09	
		For Up To 8, Add	*12.62*	
		For >8 To 16, Add	*6.31*	
		For >48 To 64, Deduct	*-3.98*	
		For >64 To 96, Deduct	*-7.13*	
		For >96, Deduct	*-10.28*	
31 05 16 00-0014	CY	#9 Stone Aggregate Fill (3/32" To 3/16")	62.38	
		For Up To 8, Add	*12.48*	
		For >8 To 16, Add	*6.24*	
		For >48 To 64, Deduct	*-3.94*	
		For >64 To 96, Deduct	*-7.06*	
		For >96, Deduct	*-10.18*	
31 05 16 00-0015	CY	#10 Stone Aggregate Fill (1/16" To 3/16")	63.84	
		For Up To 8, Add	*12.77*	
		For >8 To 16, Add	*6.38*	
		For >48 To 64, Deduct	*-4.01*	
		For >64 To 96, Deduct	*-7.20*	
		For >96, Deduct	*-10.40*	
31 05 16 00-0016	CY	#610 Modified Stone Aggregate Fill (1/16" To 3/4")	63.09	
		For Up To 8, Add	*12.62*	
		For >8 To 16, Add	*6.31*	
		For >48 To 64, Deduct	*-3.98*	
		For >64 To 96, Deduct	*-7.13*	
		For >96, Deduct	*-10.28*	
31 05 16 00-0017	CY	Screenings Stone Aggregate Fill (3/16" Max)	52.76	
		For Up To 8, Add	*10.55*	
		For >8 To 16, Add	*5.28*	
		For >48 To 64, Deduct	*-3.46*	
		For >64 To 96, Deduct	*-6.10*	
		For >96, Deduct	*-8.73*	
31 05 16 00-0018	CY	Over 6" To 12" Stone Aggregate Fill, Random Size	57.43	
		For Up To 8, Add	*11.49*	
		For >8 To 16, Add	*5.74*	
		For >48 To 64, Deduct	*-3.69*	
		For >64 To 96, Deduct	*-6.56*	
		For >96, Deduct	*-9.44*	
31 05 16 00-0019	CY	Over 6" To 12" Graded Stone Aggregate Fill	57.43	
		For Up To 8, Add	*11.49*	
		For >8 To 16, Add	*5.74*	
		For >48 To 64, Deduct	*-3.69*	
		For >64 To 96, Deduct	*-6.56*	
		For >96, Deduct	*-9.44*	
31 05 16 00-0020	CY	3" To 7" Surge Stone Aggregate Fill, Random Size	62.10	
		For Up To 8, Add	*12.42*	
		For >8 To 16, Add	*6.21*	
		For >48 To 64, Deduct	*-3.93*	
		For >64 To 96, Deduct	*-7.03*	
		For >96, Deduct	*-10.14*	
31 05 16 00-0021	CY	3" To 7" Surge Stone Graded Aggregate Fill	65.42	
		For Up To 8, Add	*13.08*	
		For >8 To 16, Add	*6.54*	
		For >48 To 64, Deduct	*-4.09*	
		For >64 To 96, Deduct	*-7.36*	
		For >96, Deduct	*-10.63*	
31 05 16 00-0022	CY	Crusher Run Aggregate Fill (2-1/2" Minus)	36.51	
		For Up To 8, Add	*7.30*	
		For >8 To 16, Add	*3.65*	
		For >48 To 64, Deduct	*-2.65*	
		For >64 To 96, Deduct	*-4.47*	
		For >96, Deduct	*-6.30*	
31 05 16 00-0023	CY	Crusher Run Aggregate Fill (1-1/2" Minus)	40.17	
		For Up To 8, Add	*8.03*	
		For >8 To 16, Add	*4.02*	
		For >48 To 64, Deduct	*-2.83*	
		For >64 To 96, Deduct	*-4.84*	
		For >96, Deduct	*-6.85*	
31 05 16 00-0024	CY	Crusher Run Aggregate Fill (3/4" Minus)	37.80	
		For Up To 8, Add	*7.56*	
		For >8 To 16, Add	*3.78*	
		For >48 To 64, Deduct	*-2.71*	
		For >64 To 96, Deduct	*-4.60*	
		For >96, Deduct	*-6.49*	
31 05 16 00-0025	CY	Miscellaneous Crushed Base, Processed Concrete, Paving	62.12	
		For Up To 8, Add	*12.42*	
		For >8 To 16, Add	*6.21*	
		For >48 To 64, Deduct	*-3.93*	
		For >64 To 96, Deduct	*-7.03*	
		For >96, Deduct	*-10.14*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 05 36 Equipment Delivery, Pickup, Mobilization and Demobilization *(31 05)*

See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

31 10 Site Clearing *(31)*

31 11 Clearing and Grubbing *(31 10)*

31 11 00 00-0001 Clear And Grub Roots And Stumps *(31 11)*

Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. Excludes loading. See CSI section 31 13 13 00-0001 for small areas or individual trees removal.

31 11 00 00-0002	ACR	Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip Note: Includes grub and removal of stump	7,518.11
31 11 00 00-0003	ACR	Clear And Grub Light Stumps Only Up To 6" Diameter	2,183.84
31 11 00 00-0004	ACR	Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip Note: Includes grub and removal of stump	10,024.15
31 11 00 00-0005	ACR	Clear And Grub Medium Stumps Only Up To 10" Diameter	3,639.75
31 11 00 00-0006	ACR	Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip Note: Includes grub and removal of stump	13,783.21
31 11 00 00-0007	ACR	Clear And Grub Heavy Stumps Only Up To 16" Diameter	5,459.62
31 11 00 00-0008	ACR	Clear And Grub Heavy Trees Up To 24" Diameter, Cut And Chip Note: Includes grub and removal of stump	20,048.29
31 11 00 00-0009	ACR	Clear And Grub Heavy Stumps Only Up To 24" Diameter	7,643.46
31 11 00 00-0010	ACR	Clearing By Machine - Light Brush Without Grub	336.03
31 11 00 00-0011	ACR	Clearing By Machine - Medium Brush Without Grub	699.78
31 11 00 00-0012	ACR	Clearing By Machine - Heavy Brush Without Grub	990.13
31 11 00 00-0013	ACR	Chipping - Light Brush	2,673.59
31 11 00 00-0014	ACR	Chipping - Medium Brush	3,437.63
31 11 00 00-0015	ACR	Chipping - Heavy Brush	4,813.13

31 11 00 00-0016 Loading Of Cleared And Grubbed Material *(31 11)*

See CSI section 01 74 19 00-0048 for hauling.

31 11 00 00-0017	CY	Machine Loading Of Cleared And Grubbed Material	11.68
31 11 00 00-0018	CY	Chute Loading Of Cleared And Grubbed Material	14.01
31 11 00 00-0019	CY	Hand Loading Of Cleared And Grubbed Material	40.68
31 11 00 00-0020	CY	Wheel And Ramp Loading Of Cleared And Grubbed Material	31.97

31 13 Selective Tree and Shrub Removal and Trimming *(31 10)*

31 13 13 Selective Tree and Shrub Removal *(31 13)*

31 13 13 00-0001 Individual Tree Removal *(31 13 13)*

Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding.

31 13 13 00-0002	EA	Up To 6" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	626.50
31 13 13 00-0003	EA	>6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	939.76
31 13 13 00-0004	EA	>12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	1,253.02
31 13 13 00-0005	EA	>24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	1,879.52
31 13 13 00-0006	EA	>36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	2,506.04
31 13 13 00-0007	EA	>48" To 60" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	3,132.54
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-783.14*
31 13 13 00-0008	EA	>60" To 72" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	3,759.06
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-939.77*
31 13 13 00-0009	EA	>72" To 84" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	5,012.08
		For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	*-1,253.02*

31 13 13 00-0010 Stump Removal *(31 13 13)*

Note: Measured by diameter of stump.

31 13 13 00-0011 Stump Removal By Machine *(31 13 13 00-0010)*

31 13 13 00-0012	EA	Up To 6" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	109.19
31 13 13 00-0013	EA	>6" To 12" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	209.29
31 13 13 00-0014	EA	>12" To 24" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	272.99
31 13 13 00-0015	EA	>24" To 36" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	409.48
31 13 13 00-0016	EA	>36" To 48" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	482.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0017	EA	>48" To 60" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	567.80	
31 13 13 00-0018	EA	>60" To 72" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	673.35	
31 13 13 00-0019	EA	>72" To 84" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	791.64	
31 13 13 00-0020		**Stump Removal By Hand** *(31 13 13 00-0010)*		
31 13 13 00-0021	EA	Up To 6" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	650.59	
31 13 13 00-0022	EA	>6" To 12" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	813.25	
31 13 13 00-0023	EA	>12" To 24" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,192.75	
31 13 13 00-0024	EA	>24" To 36" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,626.48	
31 13 13 00-0025	EA	>36" To 48" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	2,168.65	
31 13 13 00-0026	EA	>48" To 60" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	2,710.81	
31 13 13 00-0027	EA	>60" To 72" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	3,252.97	
31 13 13 00-0028	EA	>72" To 84" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	3,795.13	
31 13 13 00-0029		**Stump Grinding** *(31 13 13)* Note: Measured by diameter of stump.		
31 13 13 00-0030		**Stump Grinding, 18" Deep Below Surface Of Soil** *(31 13 13 00-0029)* Note: Level soil to match existing surface area.		
31 13 13 00-0031	EA	Stump Grinding Up To 6" Tree	119.26	
		For 24" Depth, Add	*23.85*	
31 13 13 00-0032	EA	Stump Grinding >6" To 12" Tree	159.02	
		For 24" Depth, Add	*31.80*	
31 13 13 00-0033	EA	Stump Grinding >12" To 15" Tree	178.89	
		For 24" Depth, Add	*35.78*	
31 13 13 00-0034	EA	Stump Grinding >15" To 18" Tree	198.77	
		For 24" Depth, Add	*39.75*	
31 13 13 00-0035	EA	Stump Grinding >18" To 21" Tree	213.69	
		For 24" Depth, Add	*42.74*	
31 13 13 00-0036	EA	Stump Grinding >21" To 24" Tree	228.59	
		For 24" Depth, Add	*45.72*	
31 13 13 00-0037	EA	Stump Grinding >24" To 27" Tree	248.47	
		For 24" Depth, Add	*49.69*	
31 13 13 00-0038	EA	Stump Grinding >27" To 30" Tree	269.77	
		For 24" Depth, Add	*53.95*	
31 13 13 00-0039	EA	Stump Grinding >30" To 33" Tree	299.74	
		For 24" Depth, Add	*59.95*	
31 13 13 00-0040	EA	Stump Grinding >33" To 36" Tree	319.73	
		For 24" Depth, Add	*63.95*	
31 13 13 00-0041	EA	Stump Grinding >36" To 42" Tree	359.68	
		For 24" Depth, Add	*71.94*	
31 13 13 00-0042	EA	Stump Grinding >42" To 48" Tree	399.65	
		For 24" Depth, Add	*79.93*	
31 13 13 00-0043	EA	Stump Grinding >48" To 60" Tree	499.57	
		For 24" Depth, Add	*99.91*	
31 13 13 00-0044	EA	Stump Grinding >60" To 72" Tree	624.46	
		For 24" Depth, Add	*124.89*	
31 13 13 00-0045	EA	Stump Grinding >72" To 84" Tree	799.30	
		For 24" Depth, Add	*159.86*	
31 13 13 00-0046		**Shrub Removal** *(31 13 13)*		
31 13 13 00-0047	EA	Removal Of 18" To 24" Shrub, Broadleaf Evergreen	47.40	
31 13 13 00-0048	EA	Removal Of 2' To 3' Shrub, Broadleaf Evergreen	74.34	
31 13 13 00-0049	EA	Removal Of 3' To 4' Shrub, Broadleaf Evergreen	86.18	
31 13 13 00-0050	EA	Removal Of 4' To 5' Shrub, Broadleaf Evergreen	129.27	
31 13 13 00-0051	EA	Removal Of 12" To 15" Shrub, Deciduous	23.70	
31 13 13 00-0052	EA	Removal Of 18" To 24" Shrub, Deciduous	36.62	
31 13 13 00-0053	EA	Removal Of 2' To 3' Shrub, Deciduous	47.40	
31 13 13 00-0054	EA	Removal Of 3' To 4' Shrub, Deciduous	51.71	
31 13 13 00-0055	EA	Removal Of 18" To 24" Shrub, Evergreen	47.40	
31 13 13 00-0056	EA	Removal Of 24" To 30" Shrub, Evergreen	51.71	
31 13 13 00-0057	EA	Removal Of 30" To 36" Shrub, Evergreen	74.34	

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CSI	UOM	DESCRIPTION	MINOR UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0058	EA	Removal Of 36" To 42" Shrub, Evergreen	129.27	

31 13 16 Selective Tree and Shrub Trimming *(31 13)*

31 13 16 00-0001 Tree Trimming For Pole Line Construction And Maintenance *(31 13 16)*

Note: Area to be vertical cleared (including overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.

31 13 16 00-0002	LF	Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction	2.04	
31 13 16 00-0003	LF	Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction	3.07	
31 13 16 00-0004	LF	Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction	3.61	

31 20 Earth Moving *(31)*

Note: Per OSHA -Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging". Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less that 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.

31 23 Excavation and Fill *(31 20)*

31 23 16 Excavation *(31 23)*

31 23 16 13 Trenching *(31 23 16)*

Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine.

31 23 16 13-0001 Excavation For Trenching By Machine *(31 23 16 13)*

Note: Includes stockpiling excess materials and trimming sides and bottom of trench.

31 23 16 13-0002	CY	12" Wide or Less, Excavation for Trenching by Machine in Soil	11.34	
		For Excavation In Light Material (Class A), Deduct		*-1.42*
		For Excavation In Heavy/Wet Material (Class C), Add		*4.54*
		For Up To 20, Add		*9.07*
		For >20 To 50, Add		*5.67*
		For >50 To 250, Add		*2.84*
		For >500 To 1,000, Deduct		*-1.70*
		For >1,000, Deduct		*-3.40*
31 23 16 13-0003	CY	Over 12" Wide, Excavation for Trenching by Machine in Soil	7.40	
		For Excavation In Light Material (Class A), Deduct		*-0.93*
		For Excavation In Heavy/Wet Material (Class C), Add		*2.96*
		For Up To 20, Add		*5.92*
		For >20 To 50, Add		*3.70*
		For >50 To 250, Add		*1.85*
		For >500 To 1,000, Deduct		*-1.11*
		For >1,000, Deduct		*-2.22*
31 23 16 13-0004	CY	12" Wide or Less, Excavation for Trenching by Machine in Loose Rock Note: Includes compacted aggregate	18.77	
		For Up To 20, Add		*15.02*
		For >20 To 50, Add		*9.39*
		For >50 To 250, Add		*4.69*
		For >500 To 1,000, Deduct		*-2.82*
		For >1,000, Deduct		*-5.63*
31 23 16 13-0005	CY	Over 12" Wide, Excavation for Trenching by Machine in Loose Rock Note: Includes compacted aggregate	13.15	
		For Up To 20, Add		*10.52*
		For >20 To 50, Add		*6.58*
		For >50 To 250, Add		*3.29*
		For >500 To 1,000, Deduct		*-1.97*
		For >1,000, Deduct		*-3.95*

31 23 16 13-0006 Excavation For Trenching By Hand *(31 23 16 13)*

31 23 16 13-0007	CY	Excavation For Trenching By Hand In Soil Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	134.25
31 23 16 13-0008	CY	Excavation For Trenching By Hand In Loose Rock Or Compacted Aggregate Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	230.29

31 23 16 13-0009 Backfilling Or Placing Subbase For Trenches *(31 23 16 13)*

Note: With imported or stockpiled materials.

31 23 16 13-0010	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	4.09	
		For Up To 20, Add		*3.27*
		For >20 To 50, Add		*2.05*
		For >50 To 250, Add		*1.02*
		For >500 To 1,000, Deduct		*-0.61*
		For >1,000, Deduct		*-1.23*
31 23 16 13-0011	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand	37.29	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0012		**Compaction Of Fill Or Subbase For Trenches** *(31 23 16 13)* Note: Includes restoration of final grade.		
31 23 16 13-0013	CY	Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, Etcetera	7.79	
		For Up To 20, Add	*6.23*	
		For >20 To 50, Add	*3.90*	
		For >50 To 250, Add	*1.95*	
		For >500 To 1,000, Deduct	*-1.17*	
		For >1,000, Deduct	*-2.34*	
31 23 16 13-0014	CY	Compaction of Fill or Subbase for Trenches by Hand	42.07	
31 23 16 13-0015		**Loading Excess Material For Removal From Excavation For Trenches** *(31 23 16 13)* Note: Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0048 for hauling.		
31 23 16 13-0016	CY	Load Excess Material by Machine for Removal from Excavation for Trenching	7.11	
		For Up To 20, Add	*5.69*	
		For >20 To 50, Add	*3.56*	
		For >50 To 250, Add	*1.78*	
		For >500 To 1,000, Deduct	*-1.07*	
		For >1,000, Deduct	*-2.13*	
31 23 16 13-0017	CY	Load Excess Material by Hand for Removal from Excavation for Trenching	98.44	
31 23 16 13-0018		**Spread Excess Or Imported Material For Trenches** *(31 23 16 13)* Note: Includes hand work by laborer for clean-up.		
31 23 16 13-0019	CY	Spread Excess Or Imported Material On Site With Machine	3.34	
		For Up To 20, Add	*2.67*	
		For >20 To 50, Add	*1.67*	
		For >50 To 250, Add	*0.84*	
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000, Deduct	*-1.00*	
31 23 16 13-0020		**Direct Burial (Plowed-in) Cable Or Piping By Machine** *(31 23 16 13)* Note: Includes trench, backfill, compaction and restoration of final grade.		
31 23 16 13-0021	LF	Direct Burial of Cable or Piping up to 12" Deep	2.49	
31 23 16 13-0022	LF	Direct Burial of Cable or Piping >12" to 24" Deep	2.74	
31 23 16 13-0023	LF	Direct Burial of Cable or Piping >24" to 36" Deep	3.89	
31 23 16 13-0024	LF	Direct Burial of Cable or Piping >36" to 48" Deep	4.40	
31 23 16 13-0025		**Utility Chain Trencher** *(31 23 16 13)*		
31 23 16 13-0026		**Utility Trench, Chain Trencher** *(31 23 16 13-0025)* Note: Earth left adjacent to trench.		
31 23 16 13-0027	LF	4" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.37	
		For >100 To 250, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.21*	
		For >500, Deduct	*-0.41*	
31 23 16 13-0028	LF	4" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.50	
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.23*	
		For >500, Deduct	*-0.45*	
31 23 16 13-0029	LF	4" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.55	
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.23*	
		For >500, Deduct	*-0.47*	
31 23 16 13-0030	LF	6" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.65	
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.25*	
		For >500, Deduct	*-0.50*	
31 23 16 13-0031	LF	6" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.80	
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.27*	
		For >500, Deduct	*-0.54*	
31 23 16 13-0032	LF	6" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	2.06	
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.31*	
		For >500, Deduct	*-0.62*	
31 23 16 13-0033	LF	6" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	2.46	
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.37*	
		For >500, Deduct	*-0.74*	
31 23 16 13-0034	LF	8" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	2.32	
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.35*	
		For >500, Deduct	*-0.70*	
31 23 16 13-0035	LF	8" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	2.73	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.41*	
		For >500, Deduct	*-0.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0036	LF	8" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	3.11	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.47*	
		For >500, Deduct	*-0.93*	
31 23 16 13-0037	LF	8" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	3.69	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.55*	
		For >500, Deduct	*-1.11*	

31 23 16 13-0038 Backfill Trenches With Compaction *(31 23 16 13-0025)*

31 23 16 13-0039	LF	Backfill 4" Wide, 12" Deep Trench, With Compaction	0.21	
		For >100 To 250, Deduct	*-0.01*	
		For >250 To 500, Deduct	*-0.03*	
		For >500, Deduct	*-0.06*	
31 23 16 13-0040	LF	Backfill 4" Wide, 18" Deep Trench, With Compaction	0.34	
		For >100 To 250, Deduct	*-0.02*	
		For >250 To 500, Deduct	*-0.05*	
		For >500, Deduct	*-0.10*	
31 23 16 13-0041	LF	Backfill 4" Wide, 24" Deep Trench, With Compaction	0.44	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.07*	
		For >500, Deduct	*-0.13*	
31 23 16 13-0042	LF	Backfill 6" Wide, 12" Deep Trench, With Compaction	0.34	
		For >100 To 250, Deduct	*-0.02*	
		For >250 To 500, Deduct	*-0.05*	
		For >500, Deduct	*-0.10*	
31 23 16 13-0043	LF	Backfill 6" Wide, 18" Deep Trench, With Compaction	0.44	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.07*	
		For >500, Deduct	*-0.13*	
31 23 16 13-0044	LF	Backfill 6" Wide, 24" Deep Trench, With Compaction	0.67	
		For >100 To 250, Deduct	*-0.05*	
		For >250 To 500, Deduct	*-0.10*	
		For >500, Deduct	*-0.20*	
31 23 16 13-0045	LF	Backfill 6" Wide, 36" Deep Trench, With Compaction	0.96	
		For >100 To 250, Deduct	*-0.07*	
		For >250 To 500, Deduct	*-0.14*	
		For >500, Deduct	*-0.29*	
31 23 16 13-0046	LF	Backfill 8" Wide, 12" Deep Trench, With Compaction	0.44	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.07*	
		For >500, Deduct	*-0.13*	
31 23 16 13-0047	LF	Backfill 8" Wide, 18" Deep Trench, With Compaction	0.67	
		For >100 To 250, Deduct	*-0.05*	
		For >250 To 500, Deduct	*-0.10*	
		For >500, Deduct	*-0.20*	
31 23 16 13-0048	LF	Backfill 8" Wide, 24" Deep Trench, With Compaction	0.89	
		For >100 To 250, Deduct	*-0.06*	
		For >250 To 500, Deduct	*-0.13*	
		For >500, Deduct	*-0.27*	
31 23 16 13-0049	LF	Backfill 8" Wide, 36" Deep Trench, With Compaction	1.33	
		For >100 To 250, Deduct	*-0.09*	
		For >250 To 500, Deduct	*-0.20*	
		For >500, Deduct	*-0.40*	

31 23 16 16 Structural Excavation for Minor Structures *(31 23 16)*

31 23 16 16-0001 Post Holes *(31 23 16 16)*

Note: Excludes spreading of excess material on site or loading and removal of excavated material from site.

31 23 16 16-0002 Drilling Post Hole In Soil *(31 23 16 16-0001)*

Note: Auger by machine unless otherwise notified by owner.

31 23 16 16-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Post Hole In Soil	9.89
31 23 16 16-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Post Hole In Soil	11.12
31 23 16 16-0005	VLF	3" Diameter Hole, Auger By Machine Post Hole In Soil	13.18
31 23 16 16-0006	VLF	4" Diameter Hole, Auger By Machine Post Hole In Soil	14.82
31 23 16 16-0007	VLF	6" Diameter Hole, Auger By Machine Post Hole In Soil	16.18
31 23 16 16-0008	VLF	8" Diameter Hole, Auger By Machine Post Hole In Soil	17.80
31 23 16 16-0009	VLF	10" Diameter Hole, Auger By Machine Post Hole In Soil	19.77
31 23 16 16-0010	VLF	12" Diameter Hole, Auger By Machine Post Hole In Soil	22.24
31 23 16 16-0011	VLF	18" Diameter Hole, Auger By Machine Post Hole In Soil	25.43
31 23 16 16-0012	VLF	24" Diameter Hole, Auger By Machine Post Hole In Soil	29.66
31 23 16 16-0013	VLF	30" Diameter Hole, Auger By Machine Post Hole In Soil	35.59
31 23 16 16-0014	VLF	36" Diameter Hole, Auger By Machine Post Hole In Soil	44.48

31 23 16 16-0015 Drilling Post Hole In Rock *(31 23 16 16-0001)*

31 23 16 16-0016	CF	Jackhammer Post Hole, Rock	74.51
31 23 16 16-0017	CF	Rock Drill Post Hole, Rock	20.69

31 23 16 16-0018 Post Hole Fill *(31 23 16 16-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 16-0019		**Concrete Fill** *(31 23 16 16-0018)*		
31 23 16 16-0020	VLF	Concrete Fill, Up To 2-1/2" Diameter Hole	5.86	
31 23 16 16-0021	VLF	Concrete Fill, 2-1/2" Diameter Hole	7.53	
31 23 16 16-0022	VLF	Concrete Fill, 3" Diameter Hole	8.28	
31 23 16 16-0023	VLF	Concrete Fill, 4" Diameter Hole	9.49	
31 23 16 16-0024	VLF	Concrete Fill, 6" Diameter Hole	13.37	
31 23 16 16-0025	VLF	Concrete Fill, 8" Diameter Hole	17.85	
31 23 16 16-0026	VLF	Concrete Fill, 10" Diameter Hole	21.82	
31 23 16 16-0027	VLF	Concrete Fill, 12" Diameter Hole	25.44	
31 23 16 16-0028	VLF	Concrete Fill, 18" Diameter Hole	34.59	
31 23 16 16-0029	VLF	Concrete Fill, 24" Diameter Hole	42.86	
31 23 16 16-0030	VLF	Concrete Fill, 30" Diameter Hole	50.92	
31 23 16 16-0031	VLF	Concrete Fill, 36" Diameter Hole	59.28	
31 23 16 16-0032		**Grout Fill** *(31 23 16 16-0018)*		
31 23 16 16-0033	VLF	Grout Fill, Up To 2-1/2" Diameter Hole	6.96	
31 23 16 16-0034	VLF	Grout Fill, 2-1/2" Diameter Hole	8.96	
31 23 16 16-0035	VLF	Grout Fill, 3" Diameter Hole	9.75	
31 23 16 16-0036	VLF	Grout Fill, 4" Diameter Hole	10.93	
31 23 16 16-0037	VLF	Grout Fill, 6" Diameter Hole	15.27	
31 23 16 16-0038	VLF	Grout Fill, 8" Diameter Hole	20.38	
31 23 16 16-0039	VLF	Grout Fill, 10" Diameter Hole	24.83	
31 23 16 16-0040	VLF	Grout Fill, 12" Diameter Hole	28.80	
31 23 16 16-0041	VLF	Grout Fill, 18" Diameter Hole	38.45	
31 23 16 16-0042	VLF	Grout Fill, 24" Diameter Hole	46.90	
31 23 16 16-0043	VLF	Grout Fill, 30" Diameter Hole	55.09	
31 23 16 16-0044	VLF	Grout Fill, 36" Diameter Hole	63.47	
31 23 16 16-0045		**Earth Fill, Compacted** *(31 23 16 16-0018)*		
31 23 16 16-0046	VLF	Earth Fill, Up To 2-1/2" Diameter Hole	4.98	
31 23 16 16-0047	VLF	Earth Fill, 2-1/2" Diameter Hole	6.48	
31 23 16 16-0048	VLF	Earth Fill, 3" Diameter Hole	6.78	
31 23 16 16-0049	VLF	Earth Fill, 4" Diameter Hole	6.97	
31 23 16 16-0050	VLF	Earth Fill, 6" Diameter Hole	9.32	
31 23 16 16-0051	VLF	Earth Fill, 8" Diameter Hole	12.43	
31 23 16 16-0052	VLF	Earth Fill, 10" Diameter Hole	14.92	
31 23 16 16-0053	VLF	Earth Fill, 12" Diameter Hole	16.91	
31 23 16 16-0054	VLF	Earth Fill, 18" Diameter Hole	20.61	
31 23 16 16-0055	VLF	Earth Fill, 24" Diameter Hole	23.13	
31 23 16 16-0056	VLF	Earth Fill, 30" Diameter Hole	25.36	
31 23 16 16-0057	VLF	Earth Fill, 36" Diameter Hole	27.35	
31 23 16 26		**Rock Removal** *(31 23 16)*		
31 23 16 26-0001		**Rock Breaking By Machine** *(31 23 16 26)*		
		Note: Excludes excavation of broken-up rock.		
31 23 16 26-0002	CY	Rock Breaking By Machine, Soft Sedimentary Rocks (Shale, Sandstone, Limestone)	28.68	
31 23 16 26-0003	CY	Rock Breaking By Machine, Medium Metamorphic Rock (Slate)	30.59	
31 23 16 26-0004	CY	Rock Breaking By Machine, Hard Igneous Rock (Granite, Basalt)	36.33	
31 23 16 33		**Bulk Excavation** *(31 23 16)*		
		Note: For excavations where the total quantity for a project is greater than 500 cubic yards. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 36-0000 for For less than 500 CY excavation.		
31 23 16 33-0001		**Excavation** *(31 23 16 33)*		
		Note: For bulk excavation. Includes stockpiling excavated materials within 100' of point of excavation.		
31 23 16 33-0002	CY	Bulk Excavation by Dozer in Soil	10.45	
		For Excavation In Light Material (Class A), Deduct	*-1.31*	
		For Excavation In Heavy/Wet Material (Class C), Add	*4.18*	
		For >1,000, Deduct	*-1.57*	
31 23 16 33-0003	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Soil	5.97	
		For Excavation In Light Material (Class A), Deduct	*-0.75*	
		For Excavation In Heavy/Wet Material (Class C), Add	*2.39*	
		For >1,000, Deduct	*-0.90*	
31 23 16 33-0004	CY	Bulk Excavation by Dozer in Loose Rock	12.86	
		Note: Includes compacted aggregate		
		For >1,000, Deduct	*-1.93*	
31 23 16 33-0005	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Loose Rock	7.35	
		Note: Includes compacted aggregate		
		For >1,000, Deduct	*-1.10*	
31 23 16 33-0006		**Spreading, Shaping And Rough Grading** *(31 23 16 33)*		
		Note: Imported or stockpiled material for bulk excavation.		
31 23 16 33-0007	CY	Spreading, Shaping, and Rough Grading Imported or Stockpiled Material for Bulk Excavation by Machine	6.45	
		For >1,000, Deduct	*-0.97*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 33-0008		Cutting, Shaping and Rough Grading Of Existing Elevations *(31 23 16 33)* Note: For bulk excavation.		
31 23 16 33-0009	CY	Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine	7.17	
		For >1,000, Deduct	*-1.08*	
31 23 16 33-0010		Relocating On Site Excavated Material From Excavation *(31 23 16 33)* Note: For bulk excavation.		
31 23 16 33-0011	CY	Relocating On Site Excavated Material From Bulk Excavation >100' to 300'	5.73	
		For >1,000, Deduct	*-0.86*	
31 23 16 33-0012	CY	Relocating On Site Excavated Material From Bulk Excavation >300' to 500'	8.61	
		For >1,000, Deduct	*-1.29*	
31 23 16 33-0013	CY	Relocating On Site Excavated Material From Bulk Excavation >500' To 1,000'	12.90	
		For >1,000, Deduct	*-1.94*	
31 23 16 33-0014	CY	Relocating On Site Excavated Material From Bulk Excavation >1,000'	17.20	
		For >1,000, Deduct	*-2.58*	
31 23 16 33-0015		Finish Grading *(31 23 16 33)* Note: For bulk excavation.		
31 23 16 33-0016	SY	Finish Grading for Bulk Excavation by Machine	0.72	
31 23 16 33-0017		Compaction Of Fill Or Subbase, Per Lift *(31 23 16 33)* Note: For bulk excavation.		
31 23 16 33-0018	SY	Compaction of Fill or Subbase for Bulk Excavation by Machine Note: Per Lift	0.73	
31 23 16 33-0019		Loading Excess Material For Removal From Excavation *(31 23 16 33)* Note: For bulk excavation. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0048 for hauling.		
31 23 16 33-0020	CY	Loading Excess Material For Removal From Bulk Excavation	5.97	
		For >1,000, Deduct	*-0.90*	
31 23 16 36		**Excavation for Building Foundations and Other Structures** *(31 23 16)* Note: Use of a Bobcat is limited to access restricted areas and by owner's approval. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 33-0000 for bulk excavation operations over 500 CY.		
31 23 16 36-0001		Excavation *(31 23 16 36)* Note: For building foundations and other structures by machine. Includes stockpiling of excess materials on ground in reach of excavated area.		
31 23 16 36-0002		Excavation For Building Foundations And Other Structures By Skid-Steer Loader *(31 23 16 36-0001)*		
31 23 16 36-0003	CY	Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Soil	9.50	
		For Excavation In Light Material (Class A), Deduct	*-1.19*	
		For Excavation In Heavy/Wet Material (Class C), Add	*3.80*	
		For Up To 20, Add	*9.50*	
		For >20 To 50, Add	*7.13*	
		For >50 To 250, Add	*3.80*	
		For >250 To 500, Add	*1.43*	
31 23 16 36-0004	CY	Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Loose Rock Note: Includes compacted aggregate	11.81	
		For Up To 20, Add	*11.81*	
		For >20 To 50, Add	*8.86*	
		For >50 To 250, Add	*4.72*	
		For >250 To 500, Add	*1.77*	
31 23 16 36-0005		Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader *(31 23 16 36-0001)*		
31 23 16 36-0006	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Soil	7.17	
		For Excavation In Light Material (Class A), Deduct	*-0.90*	
		For Excavation In Heavy/Wet Material (Class C), Add	*2.87*	
		For Up To 20, Add	*7.17*	
		For >20 To 50, Add	*5.38*	
		For >50 To 250, Add	*2.87*	
		For >250 To 500, Add	*1.08*	
31 23 16 36-0007	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Loose Rock Note: Includes compacted aggregate	8.53	
		For Up To 20, Add	*8.53*	
		For >20 To 50, Add	*6.40*	
		For >50 To 250, Add	*3.41*	
		For >250 To 500, Add	*1.28*	
31 23 16 36-0008		Excavation For Building Foundations And Other Structures By Hand *(31 23 16 36-0001)* Note: For areas not accessible by machine and only with owner's approval.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 36-0009	CY	Excavation For Building Foundations And Other Structures By Hand in Soil	134.25	
		For Excavation In Light Material (Class A), Deduct	*-16.78*	
		For Excavation In Heavy/Wet Material (Class C), Add	*53.70*	
31 23 16 36-0010	CY	Excavation For Building Foundations And Other Structures By Hand in Loose Rock Note: Includes compacted aggregate	230.29	
31 23 16 36-0011		**Relocating On Site Excavated Stockpiled Material From Excavation** *(31 23 16 36)* Note: For building foundations and other structures.		
31 23 16 36-0012	CY	Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >100' to 300'	5.73	
		For Up To 20, Add	*5.73*	
		For >20 To 50, Add	*4.30*	
		For >50 To 250, Add	*2.29*	
		For >250 To 500, Add	*0.86*	
31 23 16 36-0013	CY	Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >300' to 500'	8.61	
		For Up To 20, Add	*8.61*	
		For >20 To 50, Add	*6.46*	
		For >50 To 250, Add	*3.44*	
		For >250 To 500, Add	*1.29*	
31 23 16 36-0014	CY	Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >500' to 1,000'	12.90	
		For Up To 20, Add	*12.90*	
		For >20 To 50, Add	*9.68*	
		For >50 To 250, Add	*5.16*	
		For >250 To 500, Add	*1.94*	
31 23 16 36-0015	CY	Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >1,000'	17.20	
		For Up To 20, Add	*17.20*	
		For >20 To 50, Add	*12.90*	
		For >50 To 250, Add	*6.88*	
		For >250 To 500, Add	*2.58*	
31 23 16 36-0016		**Backfilling** *(31 23 16 36)* Note: For building foundations and other structures with imported or stockpiled materials. Includes rough grading.		
31 23 16 36-0017	CY	Backfilling Around Building Foundations And Other Structures By Skid-Steer Loader	4.69	
		For Up To 20, Add	*4.69*	
		For >20 To 50, Add	*3.52*	
		For >50 To 250, Add	*1.88*	
		For >250 To 500, Add	*0.70*	
31 23 16 36-0018	CY	Backfilling Around Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader	5.55	
		For Up To 20, Add	*5.55*	
		For >20 To 50, Add	*4.16*	
		For >50 To 250, Add	*2.22*	
		For >250 To 500, Add	*0.83*	
31 23 16 36-0019	CY	Backfilling Around Building Foundations And Other Structures By Hand	63.93	
31 23 16 36-0020		**Compaction Of Fill Or Subbase** *(31 23 16 36)* Note: For building foundations and other structures.		
31 23 16 36-0021	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Vibratory Plate, Air Tamper, Etcetera	12.34	
		For Up To 20, Add	*12.34*	
		For >20 To 50, Add	*9.26*	
		For >50 To 250, Add	*4.94*	
		For >250 To 500, Add	*1.85*	
31 23 16 36-0022	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Hand	42.06	
31 23 16 36-0023		**Grading** *(31 23 16 36)* Note: For building foundations and other structures.		
31 23 16 36-0024	SY	Rough Grading For Building Foundations And Other Structures by Machine	1.23	
31 23 16 36-0025	SY	Finish Grading For Building Foundations And Other Structures by Machine	1.99	
31 23 16 36-0026	SY	Finish Grading For Building Foundations And Other Structures by Hand	12.43	
31 23 16 36-0027		**Loading Excess Material For Removal From Excavation** *(31 23 16 36)* Note: For building foundations and other structures. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0048 for hauling.		
31 23 16 36-0028	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Machine	6.22	
		For Up To 20, Add	*6.22*	
		For >20 To 50, Add	*4.67*	
		For >50 To 250, Add	*2.49*	
		For >250 To 500, Add	*0.93*	
31 23 16 36-0029	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Hand	98.44	
31 23 16 36-0030		**Spread Material** *(31 23 16 36)* Note: For building foundations and other structures.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 36-0031	CY	Spread Excess Or Imported Material On Site By Machine	3.34	
		For Up To 20, Add	*3.34*	
		For >20 To 50, Add	*2.51*	
		For >50 To 250, Add	*1.34*	
		For >250 To 500, Add	*0.50*	
31 23 16 36-0032	CY	Spread Excess Or Imported Material On Site By Hand	54.32	

31 23 16 46 Excavation Operations to Expose Underground Pipes and Structures *(31 23 16)*

Note: Includes work above, beside and under pipe. Pipes up to 82" in diameter. Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine. See CSI section 31 23 16 13-0015 for loading excess material, 31 23 16 13-0018 for spreading excess material.

31 23 16 46-0001 Excavation To Expose Underground Pipe Or Structures *(31 23 16 46)*

Note: Includes stockpiling excess materials and trimming sides and bottom of trench. Excludes rock breaking.

31 23 16 46-0002 Excavation By Machine To Expose Underground Pipe Or Structure *(31 23 16 46-0001)*

31 23 16 46-0003	CY	Excavation By Hydraulic Excavator, Backhoe, Loader in Soil/Common Excavation To Expose Underground Pipes And Structures	14.35
31 23 16 46-0004	CY	Excavation By Hydraulic Excavator, Backhoe, Loader in Loose Rock To Expose Underground Pipes And Structures	17.03

31 23 16 46-0005 Excavation By Hand To Expose Underground Pipe Or Structure *(31 23 16 46-0001)*

31 23 16 46-0006	CY	Excavation By Hand In Soil To Expose Underground Pipes And Structures Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	167.81
31 23 16 46-0007	CY	Excavation By Hand In Loose Rock To Expose Underground Pipes And Structures Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	250.60

31 23 16 46-0008 Backfilling Or Placing Subbase At Exposed Underground Pipe Or Structures *(31 23 16 46)*

Note: With imported or stockpiled materials

31 23 16 46-0009	CY	Backfilling By Hydraulic Excavator, Backhoe, Loader At Exposed Underground Pipes And Structures	10.76
31 23 16 46-0010	CY	Backfilling by Hand At Exposed Underground Pipes And Structures	76.08

31 23 16 46-0011 Compaction Of Fill Or Subbase At Exposed Underground Pipe Or Structures *(31 23 16 46)*

Note: With imported or stockpiled materials

31 23 16 46-0012	CY	Compaction of Fill or Subbase by Mechanical Means At Exposed Underground Pipe Or Structures	15.55
31 23 16 46-0013	CY	Compaction of Fill or Subbase by Hand At Exposed Underground Pipe Or Structures	50.49

31 23 16 46-0014 Loading Excess Material For Removal From Excavation At Exposed Underground Pipe Or Structures *(31 23 16 46)*

Note: Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0048 for hauling.

31 23 16 46-0015	CY	Load Excess Material by Machine for Removal from Excavation At Exposed Underground Pipe Or Structures	7.11
		For Up To 20, Add	*5.69*
		For >20 To 50, Add	*3.56*
		For >50 To 250, Add	*1.78*
		For >500 To 1,000, Deduct	*-1.07*
		For >1,000, Deduct	*-2.13*
31 23 16 46-0016	CY	Load Excess Material by Hand for Removal from Excavation At Exposed Underground Pipe Or Structures	98.44

31 23 16 46-0017 Spread Excess Or Imported Material At Exposed Underground Pipe Or Structures *(31 23 16 46)*

Note: Includes hand work by laborer for clean-up.

31 23 16 46-0018	CY	Spread Excess Or Imported Material On Site By Machine At Exposed Underground Pipe Or Structures	3.34
		For Up To 20, Add	*2.67*
		For >20 To 50, Add	*1.67*
		For >50 To 250, Add	*0.84*
		For >500 To 1,000, Deduct	*-0.50*
		For >1,000, Deduct	*-1.00*
31 23 16 46-0019	CY	Spread Excess Or Imported Material On Site By Hand At Exposed Underground Pipe Or Structures	54.32

31 23 19 Dewatering *(31 23)*

31 23 19 00-0001 Well Point Dewatering System *(31 23 19)*

31 23 19 00-0002 Delivery, Installation And Removal Cost *(31 23 19 00-0001)*

Note: Priced by linear foot of header used.

31 23 19 00-0003	LF	Up To 100' In Length Well Point System Delivery, Installation And Removal	134.66
31 23 19 00-0004	LF	>100' To 250' In Length Well Point System Delivery, Installation And Removal	74.06
31 23 19 00-0005	LF	>250' To 500' In Length Well Point System Delivery, Installation And Removal	67.33
31 23 19 00-0006	LF	>250' To 500' In Length Well Point System Delivery, Installation And Removal	60.60
31 23 19 00-0007	LF	>500' To 1,000' In Length Well Point System Delivery, Installation And Removal	53.87
31 23 19 00-0008	LF	>1,000' In Length Well Point System Delivery, Installation And Removal	47.13

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 19 00-0009		**Well Point Dewatering System Rental** *(31 23 19 00-0001)* Note: Includes all necessary equipment for a well point system (well point with risers, pump, valves, header pipe, discharge pipe, etc.). Use normal adjustment factor only for rental tasks and modifiers. Unit of measure and modifier quantities are based on linear feet of header per day (ex. 200 ft of header for four days - quantity should be 200x4 or 800 ft). Rental days include weekends, when appropriate, regardless if the system is operational during that time. Use weekly modifier for system use of five days to less than a month. Use monthly modifier for system use of one month or greater. See CSI section 31 23 19 00-0002 for installation, 31 23 19 00-0015 for operational costs.		
31 23 19 00-0010	LFD	Up To 100' In Length Well Point System Rental (LF x Days = Quantity)	3.82	
		For >5 Days And <1 Month, Deduct	*-0.84*	
		For >1 Month, Deduct	*-1.07*	
31 23 19 00-0011	LFD	>100' To 250' In Length Well Point System Rental (LF x Days = Quantity)	2.23	
		For >5 Days And <1 Month, Deduct	*-0.49*	
		For >1 Month, Deduct	*-0.62*	
31 23 19 00-0012	LFD	>250' To 500' In Length Well Point System Rental (LF x Days = Quantity)	1.59	
		For >5 Days And <1 Month, Deduct	*-0.35*	
		For >1 Month, Deduct	*-0.45*	
31 23 19 00-0013	LFD	>500' To 1,000' In Length Well Point System Rental (LF x Days = Quantity)	1.17	
		For >5 Days And <1 Month, Deduct	*-0.26*	
		For >1 Month, Deduct	*-0.33*	
31 23 19 00-0014	LFD	>1,000' In Length Well Point System Rental (LF x Days = Quantity)	1.06	
		For >5 Days And <1 Month, Deduct	*-0.23*	
		For >1 Month, Deduct	*-0.30*	
31 23 19 00-0015		**Well Point Dewatering System Operation Costs** *(31 23 19 00-0001)* Note: The quantity for operation shall be the total number of hours the well point system is operational.		
31 23 19 00-0016	HR	Operation Costs	109.97	
31 23 23		**Fill** *(31 23)*		
31 23 23 23		**Compaction** *(31 23 23)*		
31 23 23 23-0001		**Compaction Water, Water Truck And Operator** *(31 23 23 23)*		
31 23 23 23-0002	MGL	Compaction Water, Water Truck And Operator Note: Use this task in situations where earth fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per each 1,000 gallons of water)	278.74	
31 23 23 33		**Flowable Fill** *(31 23 23)*		
31 23 23 33-0001		**Flowable Fill (Fly Ash) Cement Backfill For Trenches** *(31 23 23 33)* Note: Includes compaction and restoration of final grade.		
31 23 23 33-0002	CY	Flowable Fill (Fly Ash) Cement Backfill for Trenches	134.82	
		For Up To 20, Add	*55.81*	
		For >20 To 50, Add	*36.18*	
		For >50 To 250, Add	*18.09*	
		For >500 To 1,000, Deduct	*-9.81*	
		For >1,000, Deduct	*-19.63*	
31 23 23 43		**Geofoam** *(31 23 23)*		
31 23 23 43-0001		**Expanded Polystyrene (EPS) Geofoam Earthwork Void Fill** *(31 23 23 43)* Note: Excludes earthwork or backfill.		
31 23 23 43-0002	CY	1.15 To 1.25 LB/CF Density, Expanded Polystyrene (EPS19) Geofoam Earthwork Void Fill Note: 3' x 4' x 8' length geofoam blocks	148.86	
		For Cutting To Shape, Add	*8.78*	
31 23 23 43-0003	CY	1.35 To 1.50 LB/CF Density, Expanded Polystyrene (EPS22) Geofoam Earthwork Void Fill Note: 3' x 4' x 8' length geofoam blocks	169.11	
		For Cutting To Shape, Add	*10.54*	
31 23 23 43-0004	CY	1.80 To 2.00 LB/CF Density, Expanded Polystyrene (EPS29) Geofoam Earthwork Void Fill Note: 3' x 4' x 8' length geofoam blocks	235.49	
		For Cutting To Shape, Add	*14.05*	
31 23 23 43-0005	CY	2.40 To 2.50 LB/CF Density, Expanded Polystyrene (EPS39) Geofoam Earthwork Void Fill Note: 3' x 4' x 8' length geofoam blocks	284.88	
		For Cutting To Shape, Add	*17.56*	
31 23 23 43-0006	CY	2.75 To 2.85 LB/CF Density, Expanded Polystyrene (EPS46) Geofoam Earthwork Void Fill Note: 3' x 4' x 8' length geofoam blocks	331.19	
		For Cutting To Shape, Add	*20.02*	
31 24		**Embankments** *(31 20)*		
31 24 13		**Roadway Embankments** *(31 24)*		
31 24 13 00-0001		**Roadway, Parking Areas, Landscaping And Embankment Excavation And Shaping Operations** *(31 24 13)* Note: Use this section for excavation and shaping operations even if the total quantity for the project exceeds 500 CY.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 24 13 00-0002 Cutting, Shaping And Rough Grading *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping, and embankments. Includes loading or stockpiling excess materials within 300' of initial cut.

31 24 13 00-0003 Cutting, Shaping, And Rough Grading *(31 24 13 00-0002)*

31 24 13 00-0004	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil	7.17	
		For Up To 20, Add	*7.17*	
		For >20 To 50, Add	*5.38*	
		For >50 To 250, Add	*2.87*	
		For >250 To 500, Add	*1.08*	
		For >1,000, Deduct	*-1.08*	
31 24 13 00-0005	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Loose Rock	8.89	
		Note: Includes compacted aggregate		
		For Up To 20, Add	*8.89*	
		For >20 To 50, Add	*6.67*	
		For >50 To 250, Add	*3.56*	
		For >250 To 500, Add	*1.33*	
		For >1,000, Deduct	*-1.33*	

31 24 13 00-0006 Cutting, Shaping, And Rough Grading By Hand *(31 24 13 00-0002)*

31 24 13 00-0007	SY	Shape Embankment/Slope By Hand Up To 1 On 4 Slope	6.88
31 24 13 00-0008	SY	Shape Embankment/Slope By Hand Greater Than 1 On 4 Slope	8.95

31 24 13 00-0009 Scarify Soil *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine.

31 24 13 00-0010	CSF	Scarify Soil For Roadways, Parking Areas, Landscaping And Embankments By Machine	6.64	
		For Up To 20, Add	*3.32*	
		For >20 To 50, Add	*1.66*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-1.33*	

31 24 13 00-0011 Relocating On Site Excavated Material *(31 24 13 00-0001)*

31 24 13 00-0012	CY	>500' To 1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	12.90	
		For Up To 20, Add	*12.90*	
		For >20 To 50, Add	*9.68*	
		For >50 To 250, Add	*5.16*	
		For >250 To 500, Add	*1.94*	
		For >1,000, Deduct	*-1.94*	
31 24 13 00-0013	CY	>1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	17.20	
		For Up To 20, Add	*17.20*	
		For >20 To 50, Add	*12.90*	
		For >50 To 250, Add	*6.88*	
		For >250 To 500, Add	*2.58*	
		For >1,000, Deduct	*-2.58*	

31 24 13 00-0014 Spread And Shape Imported Or Stockpiled Material *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments. See CSI section 31 23 16 36-0032 for spreadding material by hand.

31 24 13 00-0015	CY	Spread And Shape Imported Or Stockpiled Material For Roadways, Parking Areas, Landscaping and Embankments By Machine	7.88	
		For Up To 20, Add	*7.88*	
		For >20 To 50, Add	*5.91*	
		For >50 To 250, Add	*3.15*	
		For >250 To 500, Add	*1.18*	
		For >1,000, Deduct	*-1.18*	

31 24 13 00-0016 Grading *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine.

31 24 13 00-0017	SY	Rough Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	0.81
31 24 13 00-0018	SY	Finish Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	1.07
31 24 13 00-0019	LF	Finish Grade For Curb	1.21
31 24 13 00-0020	LF	Finish Grade For Curb And Gutter	1.48

31 24 13 00-0021 Compaction Of Fill Or Subbase *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine, per lift.

31 24 13 00-0022	SY	Compaction Of Fill Or Subbase For Roadways, Parking Areas, Landscaping And Embankments By Machine Per Lift	0.73	
		For Up To 250, Add	*0.73*	
		For >250 To 500, Add	*0.55*	
		For >500 To 1,000, Add	*0.29*	
		For >5,000, Deduct	*-0.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 24 13 00-0023		Loading Excess Material For Removal From Excavation *(31 24 13 00-0001)* Note: For roadways, parking areas, landscaping and embankments by machine. Includes hand work by laborer for clean-up.		
31 24 13 00-0024	CY	Load Excess Material For Removal For Roadways, Parking Areas, Landscaping and Embankments by Machine	5.97	
		For Up To 20, Add	*5.97*	
		For >20 To 50, Add	*4.48*	
		For >50 To 250, Add	*2.39*	
		For >250 To 500, Add	*0.90*	
		For >1,000, Deduct	*-0.90*	

31 25 Erosion and Sedimentation Controls *(31 20)*

31 25 14 Stabilization Measures for Erosion and Sedimentation Control *(31 25)*

31 25 14 13 Hydraulically-Applied Erosion Control *(31 25 14)*

31 25 14 13-0001 Bonded Fiber Matrix *(31 25 14 13)*

31 25 14 13-0002	MSF	Up To 25,000 SF Bonded Fiber Matrix, Hydraulically Applied	60.66	
31 25 14 13-0003	MSF	>25,000 To 50,000 SF Bonded Fiber Matrix, Hydraulically Applied	55.67	
31 25 14 13-0004	MSF	>50,000 To 100,000 SF Bonded Fiber Matrix, Hydraulically Applied	51.43	
31 25 14 13-0005	MSF	>100,000 Bonded Fiber Matrix, Hydraulically Applied	49.01	

31 25 14 16 Rolled Erosion Control Mats and Blankets *(31 25 14)*

Note: Includes all staples and stakes for erosion control blankets and turf reinforcement mats.

31 25 14 16-0001 Erosion Control Blankets And Turf Reinforcement Mats *(31 25 14 16)*

31 25 14 16-0002 Erosion Control Blankets, Short Term, Light Duty *(31 25 14 16-0001)*

31 25 14 16-0003	SY	S75 Single Net Erosion Control Blanket Note: Straw matrix with degradable thread to a single standard photodegradable polypropylene netting as manufactured by North American Green.	3.10
31 25 14 16-0004	SY	S75BN Single Net Erosion Control Blanket Note: Straw Matrix with Biodegradable Thread to a Single Natural Fiber Netting as manufactured by North American Green.	4.00
31 25 14 16-0005	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Excelsior	2.94
31 25 14 16-0006	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Green.	3.10
31 25 14 16-0007	SY	Futerra Erosion Control Blanket, Wood Fibers With Biodegradable Netting	2.75

31 25 14 16-0008 Erosion Control Blankets, Intermediate Duration *(31 25 14 16-0001)*

31 25 14 16-0009	SY	S150 Double Net Erosion Control Blanket Note: Straw matrix with degradable thread to a double standard photodegradable polypropylene netting as manufactured by North American Green.	4.00
31 25 14 16-0010	SY	S150 BN Double Net Erosion Control Blanket Note: Straw matrix with biodegradable thread to a double natural fiber netting as manufactured by North American Green.	5.41
31 25 14 16-0011	SY	Curlex II, Double Net Erosion Control Blanket, Natural Note: As manufactured by American Excelsior.	3.33
31 25 14 16-0012	SY	Curlex II, Double Net Erosion Control Blanket, Green Note: As manufactured by American Excelsior.	3.49
31 25 14 16-0013	SY	Enforcer Double Net Erosion Control Blanket Note: As manufactured by American Excelsior.	3.72

31 25 14 16-0014 Turf Reinforcement Mats (TRM) *(31 25 14 16-0001)*

Note: Permanent, UV stabilized.

31 25 14 16-0015	SY	P300 Permanent Polypropylene Turf Reinforcement Mat Note: 100% synthetic, UV stabilized, two layer netting.	14.10
31 25 14 16-0016	SY	C350 Permanent Turf Reinforcement Mat Note: 100% synthetic, UV stabilized netting incorporating natural coconut fibers as manufactured by North American Green.	12.98
31 25 14 16-0017	SY	Recyclex TRM, Permanent Turf Reinforcement Mat Note: As manufactured by American Excelsior, 100% recycled	16.53

31 25 14 16-0018 Jute Mesh Erosion Control Blankets *(31 25 14 16-0001)*

31 25 14 16-0019	SY	Jute Mesh, Open Uniform Weave	4.36

31 25 14 16-0020 Revegetation Mat *(31 25 14 16-0001)*

31 25 14 16-0021	SY	3-Dimensional Webbed Revegetation Mat, Polyolefin Fiber Note: Polyolefin fibers oriented and mechanically bonded between two nets. Landlok TRM 450 or equal.	10.92
31 25 14 16-0022	SY	Webbed Revegetation Mat, Polypropylene Fiber Note: Polypropylene fibers positioned between two high strength biaxially oriented nets and mechanically held together by parallel stitching with polypropylene thread. Landlok TRM 1060 or equal.	15.63

31 25 14 23 Stabilization Measures for Erosion Control *(31 25 14)*

See CSI section 01 74 19 00-0048 for hauling greater than 15 miles.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0001		**Sand Bags** *(31 25 14 23)* Note: Bags filled on site with delivered material. Includes material and placement of bags.		
31 25 14 23-0002	BAG	50 LB Capacity Sand Bag With Sand	6.69	2.83
		For >2,500 To 5,000, Deduct	*-0.57*	
		For >5,000, Deduct	*-1.23*	
31 25 14 23-0003	BAG	75 LB Capacity Sand Bag With Sand	8.61	3.52
		For >2,500 To 5,000, Deduct	*-0.70*	
		For >5,000, Deduct	*-1.56*	
31 25 14 23-0004	BAG	100 LB Capacity Sand Bag With Sand	10.86	4.20
		For >2,500 To 5,000, Deduct	*-0.84*	
		For >5,000, Deduct	*-1.93*	
31 25 14 23-0005	BAG	125 LB Capacity Sand Bag With Sand	13.36	5.26
		For >2,500 To 5,000, Deduct	*-1.05*	
		For >5,000, Deduct	*-2.39*	
31 25 14 23-0006	BAG	150 LB Capacity Sand Bag With Sand	16.26	6.30
		For >2,500 To 5,000, Deduct	*-1.26*	
		For >5,000, Deduct	*-2.89*	
31 25 14 23-0007	BAG	175 LB Capacity Sand Bag With Sand	18.95	7.17
		For >2,500 To 5,000, Deduct	*-1.43*	
		For >5,000, Deduct	*-3.33*	
31 25 14 23-0008	BAG	2,000 LB Capacity Sand Bag With Sand	151.02	49.75
		For >2,500 To 5,000, Deduct	*-9.16*	
		For >5,000, Deduct	*-24.26*	
31 25 14 23-0009	BAG	3,000 LB Capacity Sand Bag With Sand	194.48	54.73
		For >2,500 To 5,000, Deduct	*-10.08*	
		For >5,000, Deduct	*-29.52*	
31 25 14 23-0010		**Gravel Bags** *(31 25 14 23)* Note: Bags filled on site with delivered material. Includes material and placement of bags.		
31 25 14 23-0011	BAG	30 LB Capacity Gravel Bag With Gravel	6.61	1.88
		For >2,500 To 5,000, Deduct	*-0.37*	
		For >5,000, Deduct	*-1.03*	
31 25 14 23-0012	BAG	50 LB Capacity Gravel Bag With Gravel	11.76	2.83
		For >2,500 To 5,000, Deduct	*-0.57*	
		For >5,000, Deduct	*-1.74*	
31 25 14 23-0013		**Floating Turbidity Curtain** *(31 25 14 23)* Note: Type 2 DOT fabric - 18 oz. nominal laminated vinyl/polyester. EPS flotation, 6 in. x 6 in., 13.5 lb./ft. buoyancy in fresh water and 14.4 lb./ft buoyancy in saltwater.		
31 25 14 23-0014	LF	3' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	27.29	
		For Type 1, Deduct	*-4.23*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-2.58*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*3.13*	
31 25 14 23-0015	LF	4' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	29.58	
		For Type 1, Deduct	*-4.66*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-2.84*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*3.44*	
31 25 14 23-0016	LF	5' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	32.73	
		For Type 1, Deduct	*-5.28*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.21*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*3.90*	
31 25 14 23-0017	LF	6' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	35.43	
		For Type 1, Deduct	*-5.79*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.52*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*4.28*	
31 25 14 23-0018	LF	7' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	37.18	
		For Type 1, Deduct	*-6.07*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.69*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*4.49*	
31 25 14 23-0019	LF	8' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	38.95	
		For Type 1, Deduct	*-6.35*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.87*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*4.70*	
31 25 14 23-0020	LF	9' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	40.99	
		For Type 1, Deduct	*-6.69*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.07*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*4.95*	
31 25 14 23-0021	LF	10' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	43.79	
		For Type 1, Deduct	*-7.20*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.38*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*5.32*	
31 25 14 23-0022	LF	12' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	46.02	
		For Type 1, Deduct	*-7.57*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.61*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*5.59*	
31 25 14 23-0023	LF	13' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	48.99	
		For Type 1, Deduct	*-8.10*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.93*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*5.99*	
31 25 14 23-0024	LF	14' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	51.78	
		For Type 1, Deduct	*-8.58*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-5.22*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*6.34*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0025	LF	15' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	54.47	
		For Type 1, Deduct	*-9.03*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-5.50*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*6.68*	
31 25 14 23-0026	LF	16' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	59.27	
		For Type 1, Deduct	*-9.97*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.07*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*7.37*	
31 25 14 23-0027	LF	17' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	62.16	
		For Type 1, Deduct	*-10.45*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.36*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*7.72*	
31 25 14 23-0028	LF	18' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	64.96	
		For Type 1, Deduct	*-10.90*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.63*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*8.05*	
31 25 14 23-0029	LF	19' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	67.93	
		For Type 1, Deduct	*-11.38*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.93*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*8.41*	
31 25 14 23-0030	LF	20' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	70.80	
		For Type 1, Deduct	*-11.83*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-7.20*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*8.74*	
31 25 14 23-0031		Turbidity Curtain Anchors *(31 25 14 23)*		
31 25 14 23-0032	EA	14 LB, Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	734.29	
31 25 14 23-0033	EA	25 LB, Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,006.70	
31 25 14 23-0034	EA	40 LB, Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,280.28	
31 25 14 23-0035	EA	65 LB, Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,674.35	
31 25 14 23-0036		Filter Bags *(31 25 14 23)*		
31 25 14 23-0037		Non-Woven Filter Bags *(31 25 14 23-0036)*		
31 25 14 23-0038	EA	6' x 15' Non-Woven Filter Bag	239.97	
31 25 14 23-0039	EA	13' x 15' Non-Woven Filter Bag	347.15	
31 25 14 23-0040	EA	15' x 15' Non-Woven Filter Bag	399.22	
31 25 14 23-0041		Monofilament Filter Bags *(31 25 14 23-0036)*		
31 25 14 23-0042	EA	5' x 15' Monofilament Filter Bag	249.47	
31 25 14 23-0043	EA	10' x 15' Monofilament Filter Bag	345.29	
31 25 14 23-0044		Cable Articulating Concrete Block *(31 25 14 23)* Note: 4000 PSI Compressive strength, 12 LB/CF maximum absorption. Interlocking block with longitudinal revetment cable. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor and filling cells with stockpiled material. Excludes site preparation and imported materials.		
31 25 14 23-0045	SF	4.75" Open Cell Articulated Concrete Block With Earth Backfill	39.37	
		For Up To 500, Add	*9.02*	
		For >500 To 1,000, Add	*5.08*	
31 25 14 23-0046	SF	6" Open Cell Articulated Concrete Block With Earth Backfill	44.73	
		For Up To 500, Add	*10.20*	
		For >500 To 1,000, Add	*5.72*	
31 25 14 23-0047	SF	7.5" Open Cell Articulated Concrete Block With Earth Backfill	50.90	
		For Up To 500, Add	*11.55*	
		For >500 To 1,000, Add	*6.46*	
31 25 14 23-0048	SF	9" Open Cell Articulated Concrete Block With Earth Backfill	57.29	
		For Up To 500, Add	*12.99*	
		For >500 To 1,000, Add	*7.26*	
31 25 14 23-0049	SF	4.75" Closed Cell Articulated Concrete Block	41.85	
		For Up To 500, Add	*9.52*	
		For >500 To 1,000, Add	*5.33*	
31 25 14 23-0050	SF	6" Closed Cell Articulated Concrete Block	47.69	
		For Up To 500, Add	*10.79*	
		For >500 To 1,000, Add	*6.02*	
31 25 14 23-0051	SF	7.5" Closed Cell Articulated Concrete Block	54.41	
		For Up To 500, Add	*12.26*	
		For >500 To 1,000, Add	*6.82*	
31 25 14 23-0052	SF	9" Closed Cell Articulated Concrete Block	61.31	
		For Up To 500, Add	*13.79*	
		For >500 To 1,000, Add	*7.66*	
31 25 14 26		**Stabilization Measures for Sedimentation Control** *(31 25 14)*		
31 25 14 26-0001		Silt Fences And Dike Barriers *(31 25 14 26)* Note: Includes stakes and embedding.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 26-0002		**Silt Fences 2' High** *(31 25 14 26-0001)*		
		See CSI section 31 25 14 26-0014 for removal of silt fence.		
31 25 14 26-0003	LF	2' High Silt Fence with Stakes at 4' On Center	3.94	
31 25 14 26-0004	LF	2' High Silt Fence with Stakes at 6' On Center	3.13	
31 25 14 26-0005	LF	2' High Silt Fence with Stakes at 8' On Center	2.31	
31 25 14 26-0006	LF	2' High Silt Fence with Stakes at 10' On Center	2.06	
31 25 14 26-0007		**Silt Fences 3' High** *(31 25 14 26-0001)*		
		See CSI section 31 25 14 26-0014 for removal of silt fence.		
31 25 14 26-0008	LF	3' High Silt Fence with Stakes at 4' On Center	4.13	
31 25 14 26-0009	LF	3' High Silt Fence with Stakes at 6' On Center	3.49	
31 25 14 26-0010	LF	3' High Silt Fence with Stakes at 8' On Center	2.44	
31 25 14 26-0011	LF	3' High Silt Fence with Stakes at 10' On Center	2.19	
31 25 14 26-0012		**Silt Dike Barrier** *(31 25 14 26-0001)*		
31 25 14 26-0013	LF	Silt Dike Barrier With Stakes	5.31	
31 25 14 26-0014		**Silt Fences Removal** *(31 25 14 26-0001)*		
31 25 14 26-0015	LF	Removal Of Silt Fence And Stakes	0.89	
31 25 14 26-0016		**Hay And Straw Bales** *(31 25 14 26)*		
		Note: Includes trench for placement, and stakes.		
31 25 14 26-0017	LF	Place Sterlized Straw Bales	4.41	
		Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of straw bale.		
31 25 14 26-0018	LF	Place Hay Bales	4.17	
		Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of hay bale.		
31 25 14 26-0019	LF	Removal Of Hay Or Straw Bales	1.60	
		Note: Includes removal of stakes.		
31 25 14 26-0020		**Sediment Logs (Degradable)** *(31 25 14 26)*		
31 25 14 26-0021		**Sediment Logs (Degradable)** *(31 25 14 26-0020)*		
		Note: Includes stakes and removal after use. Curlex sediment logs as manufactured by American Excelsior.		
31 25 14 26-0022	LF	12" Sediment Log	8.65	
31 25 14 26-0023	LF	20" Sediment Log	11.54	
31 25 14 26-0024		**Wattles (Degradable) With UV Stabilizied Synthetic Netting** *(31 25 14 26-0020)*		
		Note: Includes trench for placement, 24" wood staking at 4' on-center		
31 25 14 26-0025	EA	Wattles (Sterile Straw Filled Rolls), 9" x 25'	184.92	
31 25 14 26-0026	EA	Wattles (Sterile Straw Filled Rolls), 12" x 20'	178.58	
31 25 14 26-0027		**Fiber Roll (CALTRANS Type 1)** *(31 25 14 26)*		
		Note: Includes furrow trench for placement, 24" wood staking at 4' on-center		
31 25 14 26-0028	LF	8" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 1	7.54	
		For >1,000 To 10,000, Deduct	*-0.81*	
		For >10,000, Deduct	*-1.37*	
31 25 14 26-0029	LF	9" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 1	8.71	
		For >1,000 To 10,000, Deduct	*-0.85*	
		For >10,000, Deduct	*-1.44*	
31 25 14 26-0030	LF	12" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 1	11.00	
		For >1,000 To 10,000, Deduct	*-1.01*	
		For >10,000, Deduct	*-1.72*	
31 25 14 26-0031		**Fiber Roll (CALTRANS Type 2)** *(31 25 14 26)*		
		Note: Includes 24" wood stakes at 2' on-center off-set on sides with ropes.		
31 25 14 26-0032	LF	8" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 2	6.54	
		For >1,000 To 10,000, Deduct	*-0.66*	
		For >10,000, Deduct	*-1.12*	
31 25 14 26-0033	LF	9" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 2	7.66	
		For >1,000 To 10,000, Deduct	*-0.69*	
		For >10,000, Deduct	*-1.18*	
31 25 14 26-0034	LF	12" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 2	9.20	
		For >1,000 To 10,000, Deduct	*-0.74*	
		For >10,000, Deduct	*-1.27*	
31 25 14 26-0035		**Inlet Protection Sediment Bags** *(31 25 14 26)*		
		Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0036	EA	2' x 2' x 3' Inlet Protection Sediment Bag	73.45	
31 25 14 26-0037	EA	2' x 3' x 3' Inlet Protection Sediment Bag	92.07	
31 25 14 26-0038	EA	2' x 4' x 3' Inlet Protection Sediment Bag	100.62	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 25 14 26-0039 Clean Sediment Logs/Wattles *(31 25 14 26)*
Note: Includes removal, cleaning, and replacement per each location.
31 25 14 26-0040 EA Clean Sediment Logs/Wattles 89.51

31 30 Earthwork Methods *(31)*

31 31 Soil Treatment *(31 30)*

31 31 16 Termite Control *(31 31)*

31 31 16 13 Chemical Termite Control *(31 31 16)*

31 31 16 13-0001 Commercial Use *(31 31 16 13)*

31 31 16 13-0002 SF Termite Pretreatment, Commercial Soil Poisoning Under Slab 0.91
31 31 16 13-0003 SF Termite Pretreatment, Commercial Slab And Walls 1.26

31 31 16 13-0004 Residential Use *(31 31 16 13)*

31 31 16 13-0005 SF Termite Pretreatment, Residential General Spraying Walls And Slab 1.24
31 31 16 13-0006 SF Termite Treatment, Existing Residential Structure 1.34

31 31 19 Vegetation Control *(31 31)*

31 31 19 13 Chemical Vegetation Control *(31 31 19)*

31 31 19 13-0001 Soil Sterilants *(31 31 19 13)*

31 31 19 13-0002 MSF Soil Sterilant 31.65
Note: Use only in areas where complete control of all vegetation is desired, such as industrial sites, right-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.
For >45 To 90, Deduct *-0.47*
For >90 To 225, Deduct *-2.52*
For >225, Deduct *-3.47*

31 32 Soil Stabilization *(31 30)*

31 32 13 Soil Mixing Stabilization *(31 32)*

31 32 13 16 Cement Soil Stabilization *(31 32 13)*

31 32 13 16-0001 Cementitious Soil Binder *(31 32 13 16)*

31 32 13 16-0002 CY Cementitious Soil Binder, 4% Cement Mix By Volume 38.41
31 32 13 16-0003 CY Cementitious Soil Binder, 6% Cement Mix By Volume 43.86
31 32 13 16-0004 CY Cementitious Soil Binder, 9% Cement Mix By Volume 52.84
31 32 13 16-0005 CY Cementitious Soil Binder, 12% Cement Mix By Volume 61.68

31 32 13 19 Lime Soil Stabilization *(31 32 13)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. The price excludes the cost for spreading or backfilling. See CSI section 01 74 19 00-0048 for hauling greater than 15 miles.

31 32 13 19-0001 Lime Slurry *(31 32 13 19)*

31 32 13 19-0002 LCY Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume 36.66
31 32 13 19-0003 TON Cement Stabilized Base Material 164.00
31 32 13 19-0004 CWT Lime For Soil Stabilization 27.13
Note: Excludes the cost for spreading or backfilling
31 32 13 19-0005 LCY Roller, Grader - Lime Stabilization 18.40
31 32 13 19-0006 LCY Roller, Grader - Cement Stabilization 4.25

31 32 13 19-0007 Lime Stabilized Subgrade *(31 32 13 19)*
Note: Based on soil weight of 110 LB/CF using lime weight of 5.5 LB/CF (5%).
31 32 13 19-0008 SY 6" Thick Lime Stabilized Subgrade, 25 LB 14.85
For 4% Lime Instead Of 5%, Deduct *-0.48*
For 6% Lime Instead Of 5%, Add *0.48*
31 32 13 19-0009 SY 7" Thick Lime Stabilized Subgrade, 29 LB 17.20
For 4% Lime Instead Of 5%, Deduct *-0.56*
For 6% Lime Instead Of 5%, Add *0.56*
31 32 13 19-0010 SY 8" Thick Lime Stabilized Subgrade, 33 LB 19.63
For 4% Lime Instead Of 5%, Deduct *-0.63*
For 6% Lime Instead Of 5%, Add *0.63*

31 32 13 29 Liquid Soil Stabilization *(31 32 13)*

31 32 13 29-0001 GAL Polyacrylamide And Calcium Solution 2.58
31 32 13 29-0002 GAL Synthetic, Liquid Dust Suppression Fluid With GTL Technology (Soil Works Durasoil) 9.95
Note: GTL (Gas-to-Liquid)
31 32 13 29-0003 GAL Biodegradable, Liquid Copolymer Dust Suppression Fluid (Soil Works Gorrila-Snot) 4.78

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 16 Chemical Treatment Soil Stabilization *(31 32)*

31 32 16 13 Polymer Emulsion Soil Stabilization *(31 32 16)*

31 32 16 13-0001 Blended Co-Polymer Paving Systems (TechniSoil) *(31 32 16 13)*

31 32 16 13-0002	SF	3" Thick, Blended Co-Polymer Paving System Premixed With Decomposed Granite (TechniSoil)	8.48
31 32 16 13-0003	SF	Blended Co-Polymer Topical Spray (TechniSoil)	3.08

31 32 19 Geosynthetic Soil Stabilization and Layer Separation *(31 32)*

31 32 19 13 Geogrid Soil Stabilization *(31 32 19)*

31 32 19 13-0001 Geogrid Fabrics *(31 32 19 13)*

Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications.

31 32 19 13-0002	SY	5.3 Ounce/SY, 1,700 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-150)	6.00
		For Up To 50, Add	*1.31*
		For >50 To 150, Add	*0.97*
		For >150 To 250, Add	*0.64*
		For >250 To 500, Add	*0.32*
31 32 19 13-0003	SY	6.9 Ounce/SY, 3,100 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-300)	6.86
		For Up To 50, Add	*1.49*
		For >50 To 150, Add	*1.11*
		For >150 To 250, Add	*0.73*
		For >250 To 500, Add	*0.36*
31 32 19 13-0004	SY	8.7 Ounce/SY, 4,280 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-500)	7.47
		For Up To 50, Add	*1.61*
		For >50 To 150, Add	*1.20*
		For >150 To 250, Add	*0.79*
		For >250 To 500, Add	*0.39*
31 32 19 13-0005	SY	12.6 Ounce/SY, 7,315 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-800)	10.79
		For Up To 50, Add	*2.28*
		For >50 To 150, Add	*1.70*
		For >150 To 250, Add	*1.12*
		For >250 To 500, Add	*0.56*
31 32 19 13-0006	SY	14.1 Ounce/SY, 9,790 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-1000)	12.36
		For Up To 50, Add	*2.60*
		For >50 To 150, Add	*1.94*
		For >150 To 250, Add	*1.28*
		For >250 To 500, Add	*0.64*
31 32 19 13-0007	SY	4.3 Ounce/SY, 1,658 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 20)	6.10
		For Up To 50, Add	*1.33*
		For >50 To 150, Add	*0.99*
		For >150 To 250, Add	*0.65*
		For >250 To 500, Add	*0.32*
31 32 19 13-0008	SY	5.9 Ounce/SY, 2,192 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 30)	9.01
		For Up To 50, Add	*1.92*
		For >50 To 150, Add	*1.43*
		For >150 To 250, Add	*0.94*
		For >250 To 500, Add	*0.47*

31 32 19 16 Geotextile Soil Stabilization *(31 32 19)*

31 32 19 16-0001 Nonwoven Polypropylene Geotextiles *(31 32 19 16)*

Note: For drainage, filtration and separation.

31 32 19 16-0002	SY	3.0 Ounce/SY, 40 Mil, 80 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-30HS)	1.86
		For Up To 50, Add	*0.41*
		For >50 To 150, Add	*0.31*
		For >150 To 250, Add	*0.20*
		For >250 To 500, Add	*0.10*
31 32 19 16-0003	SY	3.5 Ounce/SY, 50 Mil, 95 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-35HS)	1.99
		For Up To 50, Add	*0.44*
		For >50 To 150, Add	*0.33*
		For >150 To 250, Add	*0.21*
		For >250 To 500, Add	*0.11*
31 32 19 16-0004	SY	4.0 Ounce/SY, 60 Mil, 115 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-40HS)	2.16
		For Up To 50, Add	*0.47*
		For >50 To 150, Add	*0.35*
		For >150 To 250, Add	*0.23*
		For >250 To 500, Add	*0.12*
31 32 19 16-0005	SY	4.5 Ounce/SY, 55 Mil, 120 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-45HS)	2.33
		For Up To 50, Add	*0.51*
		For >50 To 150, Add	*0.38*
		For >150 To 250, Add	*0.25*
		For >250 To 500, Add	*0.12*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 16-0006	SY	6.0 Ounce/SY, 70 Mil, 160 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-60HS)	2.77	
		For Up To 50, Add	*0.60*	
		For >50 To 150, Add	*0.44*	
		For >150 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.15*	
31 32 19 16-0007	SY	7.0 Ounce/SY, 85 Mil, 180 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-70HS)	3.25	
		For Up To 50, Add	*0.70*	
		For >50 To 150, Add	*0.52*	
		For >150 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.17*	
31 32 19 16-0008	SY	8.0 Ounce/SY, 85 Mil, 205 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-80HS)	3.58	
		For Up To 50, Add	*0.77*	
		For >50 To 150, Add	*0.57*	
		For >150 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.19*	
31 32 19 16-0009	SY	10 Ounce/SY, 115 Mil, 250 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-100HS)	4.42	
		For Up To 50, Add	*0.94*	
		For >50 To 150, Add	*0.70*	
		For >150 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.23*	
31 32 19 16-0010	SY	16 Ounce/SY, 175 Mil, 425 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric	6.55	
		For Up To 50, Add	*1.36*	
		For >50 To 150, Add	*1.02*	
		For >150 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.34*	
31 32 19 16-0011		**Woven Geotextiles Fabric** *(31 32 19 16)*		
31 32 19 16-0012	SY	200 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-55)	2.70	
		For Up To 50, Add	*0.58*	
		For >50 To 150, Add	*0.43*	
		For >150 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.14*	
31 32 19 16-0013	SY	315 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-66)	3.81	
		For Up To 50, Add	*0.80*	
		For >50 To 150, Add	*0.60*	
		For >150 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.20*	
31 32 19 16-0014	SY	4 To 6% Open Area, 370 x 250 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 6%)	6.75	
		For Up To 50, Add	*1.40*	
		For >50 To 150, Add	*1.05*	
		For >150 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.35*	
31 32 19 16-0015	SY	11 To 15% Open Area, 370 x 220 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 15%)	6.58	
		For Up To 50, Add	*1.37*	
		For >50 To 150, Add	*1.02*	
		For >150 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.34*	
31 32 19 16-0016	SY	6.9 Oz/SY, 250 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-250TF)	5.74	
		For Up To 50, Add	*1.20*	
		For >50 To 150, Add	*0.90*	
		For >150 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.30*	
31 32 19 16-0017	SY	9.1 Oz/SY, 333 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-330TF)	6.14	
		For Up To 50, Add	*1.28*	
		For >50 To 150, Add	*0.96*	
		For >150 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.32*	
31 32 19 16-0018	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-400TF)	7.86	
		For Up To 50, Add	*1.63*	
		For >50 To 150, Add	*1.22*	
		For >150 To 250, Add	*0.80*	
		For >250 To 500, Add	*0.40*	
31 32 19 16-0019	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric (Carthage Mills FX-400MF)	11.23	
		For Up To 50, Add	*2.30*	
		For >50 To 150, Add	*1.72*	
		For >150 To 250, Add	*1.14*	
		For >250 To 500, Add	*0.57*	
31 32 19 16-0020		**Geomembranes** *(31 32 19 16)*		
31 32 19 16-0021		**Polyvinyl Chloride (PVC) Geomembrane** *(31 32 19 16-0020)*		
31 32 19 16-0022	SF	20 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.39	
31 32 19 16-0023	SF	30 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.61	
31 32 19 16-0024	SF	40 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.94	
31 32 19 16-0025	SF	50 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.34	
31 32 19 16-0026	SF	60 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.67	
31 32 19 16-0027	SF	70 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.92	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 16-0028	SF	80 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.16	
31 32 19 16-0029	SF	90 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.50	
31 32 19 16-0030	SF	100 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.82	
31 32 19 16-0031		High Density Polyethylene (HDPE) Geomembrane *(31 32 19 16-0020)*		
31 32 19 16-0032	SF	20 Mil High Density Polyethylene Membrane (US Fabrics)	1.30	
31 32 19 16-0033	SF	30 Mil High Density Polyethylene Membrane (US Fabrics)	0.90	
31 32 19 16-0034	SF	40 Mil High Density Polyethylene Membrane (US Fabrics)	1.02	
31 32 19 16-0035	SF	50 Mil High Density Polyethylene Membrane (US Fabrics)	1.51	
31 32 19 16-0036	SF	60 Mil High Density Polyethylene Membrane (US Fabrics)	1.23	
31 32 19 16-0037	SF	80 Mil High Density Polyethylene Membrane (US Fabrics)	1.46	
31 32 19 16-0038	SF	100 Mil High Density Polyethylene Membrane (US Fabrics)	1.68	
31 32 19 16-0039	SF	120 Mil High Density Polyethylene Membrane (US Fabrics)	2.85	
31 32 19 16-0040	SF	140 Mil High Density Polyethylene Membrane (US Fabrics)	2.94	

31 32 19 26 Geoweb Cellular Confinement System *(31 32 19)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0001		Geoweb Cellular Confinement System *(31 32 19 26)* Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.		
31 32 19 26-0002	SF	4" Geoweb Cellular Confinement System (Presto Geosystems)	8.04	
		For >20,000, Deduct	*-0.21*	
		For >2:1 Slope, Add	*1.24*	
31 32 19 26-0003	SF	6" Geoweb Cellular Confinement System (Presto Geosystems)	9.96	
		For >20,000, Deduct	*-0.31*	
		For >2:1 Slope, Add	*1.24*	
31 32 19 26-0004	SF	8" Geoweb Cellular Confinement System (Presto Geosystems)	12.24	
		For >20,000, Deduct	*-0.42*	
		For >2:1 Slope, Add	*1.24*	

31 32 36 Soil Nailing *(31 32)*

31 32 36 11 Soil Nailing Stabilization *(31 32 36)*

31 32 36 11-0001		Landslide and Slip-Out Stabilization *(31 32 36 11)* Note: Work shall consist of the Contractor stabilizing identified slides by internally reinforcing the soil mass with reinforcing elements (nails) by using one or more of the installation methods specified in this contract. The Owner will identify locations for work to be performed as specified herein. The Contractor shall review all locations with Owner representatives to determine the method to be used. The Contractor will provide all necessary engineering plans and details required to successfully repair slides as noted. These plans shall be stamped by a registered professional engineer with a current California license who is knowledgeable in the design and implementation of slope stabilization with soil nails and related work. The contractor shall furnish all labor, materials, and equipment required to complete the work. Any necessary installation methods and associated costs are the responsibility of the contractor. The Contractor and the Contractor's Engineer will also warrant the stability of the repaired roadway section for a period of 5 years.		
31 32 36 11-0002		BioWall® *(31 32 36 11-0001)* Note: Furnish and install the BioWall® to integrate with Launched Soil Nails™, SuperNails® or Self Drilling SuperNails®. The BioWall® is a confined soil/compost mass capable of sustaining vegetation at slope angles up to ¼(H):1(V), and is composed of 2 layers of galvanized wire mesh and 2 layers of lightweight geosynthetic encasing a seeded compost and/or topsoil mix, tied to the soil nails by steel plates. Furnish equipment and incidentals necessary to complete the work. BioWall® to soil nail connection details will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0003	SF	BioWall® Construction	25.00	
31 32 36 11-0004		Green Terra Mesh *(31 32 36 11-0001)* Note: Furnish and install the Green Terra Mesh. Furnish equipment and incidentals necessary to complete the work. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0005	EA	Green Terra Mesh	635.25	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 11-0006 **GeoSynthetically Confined Soil™ (GCS®) Components** *(31 32 36 11-0001)*

Note: Furnish and install geosynthetic reinforcement, backfill and facing element to construct a Geosynthetically Confined Soil Wall™ (GCS®). Designs shall comply with the Design Standards for Geosynthetically Confined Soil Walls (adapted from the NCHRP Report 556 – Design and Construction Guidelines for Geosynthetic Reinforced Soil Bridge Abutments with a Flexible Facing) noted below. Reinforcement Selection and Placement: Geosynthetic reinforcement shall consist of high-tenacity geotextiles manufactured for soil reinforcement applications. Geotextiles shall not be exposed to sunlight and extreme temperatures for an extended period of time. Damaged or improperly handled geosynthetic reinforcement shall be rejected. Use a woven polypropylene geotextile with ultimate tensile strength of 2400 lbs/ft (Amoco 2044 or similar) in the cross-machine direction (as per ASTM D4595). The geosynthetic reinforcement perpendicular to the wall face should consist of one continuous piece of material. Overlap of reinforcement in the design strength direction is not permitted. Adjacent sections of geosynthetic reinforcement should be placed so as to ensure that horizontal coverage shown on the plans is provided. Tracked construction equipment shall not be operated directly on the geosynthetic reinforcement. A minimum backfill thickness of 150 mm (6 in.) is required before operation of tracked vehicles over the geosynthetic reinforcement. Turning of tracked vehicles should be kept to a minimum to prevent displacing the fill and damaging or moving the geosynthetic reinforcement. Rubber-tired equipment may pass over the geosynthetic reinforcement at slow speeds less than 17 km/hr (10 miles/hr). Sudden braking and sharp turning should be avoided. Backfill Specifications: Structure backfill material should consist of material free from organic or other unsuitable material as determined by the Contractor's Engineer. Grading of the backfill should be as follows: 100 percent passing 100 mm (4 in.) sieve, 0-60 percent passing No. 40 (0.425 mm) sieve, and 0-15 percent passing No. 200 (0.075mm) sieve; plasticity index (PI) as determined by AASHTO T90, should not exceed 6. The backfill should exhibit an angle of internal friction of not less than 34 degrees, as determined by the standard direct shear test on the portion finer than 2 mm (No.10) sieve, using a sample compacted to 95 percent of AASHTO T-99, Methods C or D, at optimum moisture content. No testing is required for backfills where 80 percent of sizes are greater than 19 mm. The backfill should be substantially free of shale or other soft, poor durability particles and should have an organic content not larger than 1 percent. The backfill should have a pH between 4.5 and 9. Backfill Placement: Reinforced fill should be placed as specified in construction plans in compacted lift thickness of 8in, but in no case in lifts greater than 12in. Reinforced fill should be placed and compacted at or within 2 percent dry of the optimum moisture content. If the reinforced fill is free draining (i.e., with less than 5 percent passing a No. 200 sieve), water content of the fill may be within ±3 percent of the optimum. A minimum density of 90 percent of standard Proctor density is required. Optimum compaction is 100 percent of AASHTO T-99 (or 95 percent of AASHTO T-180) but this may not be possible throughout the wall structure. If significant percentage of the backfill is coarse material (i.e., greater than 30 percent retained on the 19 mm, or 3/4 in., sieve), a procedural specification may be used to verify compaction, (no less than two passes with a conventional vibratory plate compaction equipment). Backfill should be placed, spread, and compacted so as to prevent the development of wrinkles or movement of the geosynthetic reinforcement and the wall facing units. Only hand-operated compaction equipment should be allowed within 0.5 m (1.5 ft) of the front of th See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0007	SF	GeoSynthetically Confined Soil™ (GCS®) Wall Construction Note: Installation sold per square face foot (excludes materials)		23.75	
31 32 36 11-0008	EA	GeoSynthetically Confined Soil™ (GCS®) Wall Galvanized Wire Basket Units (approximately 10" x 120")		108.50	
31 32 36 11-0009	EA	GeoSynthetically Confined Soil™ (GCS®) Wall Concrete Masonry Units (approximately 8" x 8" x 16")		6.50	
31 32 36 11-0010	SF	GeoSynthetically Confined Soil™ (GCS®) Wall Woven Geotextile		0.75	

31 32 36 11-0011 **Turf** *(31 32 36 11-0001)*

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0012 **Permanent Turf Reinforcing Mat (TRM)** *(31 32 36 11-0011)*

Note: Furnish a web of mechanically bonded synthetic fibers that are entangled to form a strong and dimensionally stable mat. Place fibers between 2 or 3 high-strength, biaxially oriented nets mechanically bound together by stitching with polyolefin thread. The netting material must be resistant to biological, chemical, and ultra-violet degradation.

31 32 36 11-0013	SF	Permanent Turf Reinforcement Mat Note: sold per square face foot		1.50	

31 32 36 11-0014 **Biodegradable Turf Reinforcing Mat (TRM)** *(31 32 36 11-0011)*

Note: Furnish a geotextile composed of seed free processed natural fiber matrix mechanically bound together with 100% degradable binding fiber or netting to form a continuous matrix.

31 32 36 11-0015	SF	Biodegradable Turf Reinforcement Mat Note: sold per square face foot		0.75	

31 32 36 11-0016 **Shotcrete or Gunite** *(31 32 36 11-0001)*

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 11-0017 Wet-Mix Shotcrete for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 11-0016)*

Note: Furnish steel reinforced shotcrete to integrate with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self Drilling SuperMicropiles™ or Self Drilling SuperNails® and complying with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete", except as otherwise specified. Shotcreting consists applying of one or more layers of concrete conveyed through a hose pneumatically projected at a high velocity against a prepared surface. Produce shotcrete by a wet-mix. The wet-mix process consists of thoroughly mixing all the ingredients except accelerating admixtures, but including the mixing water, introducing the mixture into the delivery equipment and delivering it, by positive displacement, to the nozzle. Air jet the wet-mix shotcrete from the nozzle at high velocity onto the surface. For additional descriptive information, refer to the American Concrete Institute ACI 506R "Guide to Shotcrete." The Contractor's Engineer shall provide all necessary details required to successfully construct the temporary or permanent facing and facing drainage system to satisfy the design intent of the facing. Comply with AASHTO Specifications, or accepted industry standards for any specific items that may not be addressed herein or elsewhere in this Contract Document. Use materials for shotcrete conforming to the following requirements: Cement AASHTO M85/ ASTM C150, Type I, II, III or V. Fine Aggregate AASHTO M6/ASTM C33 clean, natural. Coarse Aggregate AASHTO M80, Class B for quality Water Clean and Potable. AASHTO M157/ASTM C94 Chemical Admixtures Accelerator Fluid type, applied at nozzle, meeting requirements of AASHTO M194/ASTM C494/ASTM C1141. Water-reducer and Superplastisizer AASHTO M194/ASTM C494 Type A, C, D, E, F, or G Retarders AASHTO M194/ ASTM C494 Type B or D. Mineral Admixtures Fly Ash AASHTO M295/ASTM C618 Type F or C, cement replacement up to 35 percent by weight of cement. Silica Fume ASTM C1240, 90 percent minimum silicon dioxide solids content, not to exceed 12 percent by weight of cement. Welded Wire Fabric AASHTO M55/ASTM A185 or A497. Double twisted hexagonal ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions Prepackaged Shotcrete ASTM C928. PVC Drain Pipes: Pipe ASTM 1785 Schedule 40 PVC, solid and perforated wall, cell classification 12454-B or 12354-C, wall thickness SDR 35, with solvent weld or elastomeric gasket joints. Deliver, store and handle materials to prevent contamination, segregation, corrosion or damage. Store liquid admixtures to prevent evaporation and freezing. Use aggregate for shotcrete meeting the strength and durability requirements of AASHTO M6/M80, as applicable, and the following gradation requirements: Sieve Size Percent Passing by Weight 1/2" 100 3/8" 90-100 No. 4 70-85 No. 8 100

Proportion the shotcrete to be pumpable with the concrete pump furnished for the work, with a cementing materials content of at least 390 kilograms per cubic meter and water/cement ratio not greater than 0.50. Do not use admixtures unless approved by the Contractor's Engineer. Thoroughly mix admixtures into the shotcrete at the rate specified by the manufacturer. Use only accelerators compatible with the cement used, non-corrosive to steel, and not promoting other detrimental effects such as cracking or excessive shrinkage. The maximum allowable chloride ion content of all ingredients is 0.10% when tested to AASHTO T260. Air entrainment is not required for temporary shotcrete construction facings. Provide shotcrete with a design compressive strength of 2000 psi in 3 days and 4000 psi in 28 days. Batch aggregate and cement by weight or by volume in accordance with the requirements of ASTM C94 or AASHTO M241/ASTM C685. Use mixing equipment that thoroughly blends the materials in sufficient quantity to maintain placing continuity. Produce ready mix shotcrete complying

31 32 36 11-0018 SFI Wet-Mix Reinforced Shotcrete 5.50
Note: sold per inch thickness over one square face foot of area (includes reinforcing steel).

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 11-0019 Dry-Mix Shotcrete for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 11-0016)*

Note: Furnish steel reinforced shotcrete to integrate with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self Drilling SuperMicropiles™ or Self Drilling SuperNails® and complying with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete", except as otherwise specified. Shotcreting consists applying of one or more layers of concrete conveyed through a hose pneumatically projected at a high velocity against a prepared surface. Produce shotcrete by a dry-mix. The dry-mix process consists of thoroughly mixing Portland cement and aggregate (and or synthetic fiber) thoroughly mixed dry, passed through a cement gun and conveyed by air through a flexible tube, hydrated at a nozzle at the end of such flexible tube and deposited by air pressure in its place of final repose. For additional descriptive information, refer to the American Concrete Institute ACI 506R "Guide to Shotcrete." The Contractor's Engineer shall provide all necessary details required to successfully construct the temporary or permanent facing and facing drainage system to satisfy the design intent of the facing. Comply with AASHTO Specifications, or accepted industry standards for any specific items that may not be addressed herein or elsewhere in this Contract Document. Use materials for shotcrete conforming to the following requirements: Cement AASHTO M85/ ASTM C150, Type I, II, or III. Fine Aggregate AASHTO M6/ASTM C33 clean, natural. Coarse Aggregate AASHTO M80, Class B for quality Fiber Reinforcement ASTM C116-00 Water Clean and Potable. AASHTO M157/ASTM C94 and shall be maintained at a uniform pressure which shall be at least 15 pounds per square inch above air pressure at the nozzle. Chemical Admixtures Accelerator Fluid type, applied at nozzle, meeting requirements of AASHTO M194/ASTM C494/ASTM C1141. Water-reducer and Superplastisizer AASHTO M194/ASTM C494 Type A, C, D, E, F, or G Retarders AASHTO M194/ ASTM C494 Type B or D. Mineral Admixtures Fly Ash AASHTO M295/ASTM C618 Type F or C, cement replacement up to 35 percent by weight of cement. Silica Fume ASTM C1240, 90 percent minimum silicon dioxide solids content, not to exceed 12 percent by weight of cement. Welded Wire Fabric AASHTO M55/ASTM A185 or A497. Double twisted hexagonal ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions Prepackaged Shotcrete ASTM C928. PVC Drain Pipes: Pipe ASTM 1785 Schedule 40 PVC, solid and perforated wall, cell classification 12454-B or 12354-C, wall thickness SDR 35, with solvent weld or elastomeric gasket joints. Deliver, store and handle materials to prevent contamination, segregation, corrosion or damage. Store liquid admixtures to prevent evaporation and freezing. Use aggregate for shotcrete meeting the strength and durability requirements of AASHTO M6/M80, as applicable, and the following gradation requirements: Sieve Size Percent Passing by Weight 1/2" 100 3/8" 90-100 No. 4 70-85 No. 8 100 Proportion the shotcrete to be pumpable with the concrete pump furnished for the work, with a cementing materials content of at least 390 kilograms per cubic meter and water/cement ratio not greater than 0.50. Do not use admixtures unless approved by the Contractor's Engineer. Thoroughly mix admixtures into the shotcrete at the rate specified by the manufacturer. Use only accelerators compatible with the cement used, non-corrosive to steel, and not promoting other detrimental effects such as cracking or excessive shrinkage. The maximum allowable chloride ion content of all ingredients is 0.10% when tested to AASHTO T260. Air entrainment is not required for temporary shotcrete construction facings. Provide shotcrete with a design compressive strength of 2000 psi in 3 days and 4000 psi in 28 days. Batch aggregate and cement by weight or by volume in accordance with the requirements of ASTM C94 or AASHTO M241/ASTM C6

31 32 36 11-0020	SFI	Dry-Mix Reinforced Gunite Note: sold per inch thickness over one square face foot of area (includes reinforcing steel).	8.50	

31 32 36 11-0021 Steel Fiber Reinforcement for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 11-0016)*

31 32 36 11-0022	SFI	Steel Fiber Reinforcement Note: sold per inch thickness over one square face foot of area	1.25	

31 32 36 11-0023 Steel Mesh and Steel Plates for use with Launched Soil Nails™, SuperNails® and Self Drilling SuperNails® *(31 32 36 11-0001)*

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 11-0024 Steel Mesh Surface Treatment for use with Launched Soil Nails™, SuperNails® and Self Drilling SuperNails® *(31 32 36 11-0023)*

Note: Furnish Galfan® Coated Steel Mesh for use with Launched Soil Nails™, SuperNails®, or Self Drilling SuperNails® that is a double twisted hexagonal galvanized steel wire mesh manufactured according to ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions. Alternately, the mesh may be a diamond shaped, three dimensional mesh made with high capacity 3-millimeter diameter wire. Furnish steel plates to connect the mesh to the nail systems described herein. Furnish equipment and incidentals necessary to complete the work. Soil Nail to mesh connection details will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.

31 32 36 11-0025	SF	High Capacity Diamond Mesh Note: sold per square face foot	11.00	
31 32 36 11-0026	SF	Double Twist Wire Mesh Note: sold per square face foot	13.75	

31 32 36 11-0027 Steel Plates *(31 32 36 11-0023)*

31 32 36 11-0028	EA	Galvanized Steel Plates (8x8)	35.00	
31 32 36 11-0029	EA	Galvanized Steel Plates (10x10)	54.75	
31 32 36 11-0030	EA	Galvanized Steel Plates (12x12)	78.75	
31 32 36 11-0031	EA	Epoxy Coated Steel Plates (8x8)	76.00	
31 32 36 11-0032	EA	Epoxy Coated Steel Plates (10x10)	89.25	
31 32 36 11-0033	EA	Epoxy Coated Steel Plates (12x12)	105.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 36 11-0034		**Drilled Horizontal Drains** *(31 32 36 11-0001)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0035	LF	Drilled PVC Horizontal Drains (up to 2" Diameter)	26.00	
31 32 36 11-0036	LF	Stripdrain - 6" Wide	3.25	
31 32 36 11-0037	LF	Stripdrain - 12" Wide	4.00	
31 32 36 11-0038	LF	PVC Drain Collector Pipe System	26.75	
31 32 36 11-0039		**Rockfall Stabilization** *(31 32 36 11-0001)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0040	SF	Scaling	3.75	
31 32 36 11-0041	SF	Trim Blasting	155.00	
31 32 36 11-0042	SY	Slope Drape - Double Twist Wire Mesh	45.00	
31 32 36 11-0043	SY	Slope Drape - Cable Net	135.00	
31 32 36 11-0044	SY	Slope Drape - Tecco Mesh (4mm)	135.00	
31 32 36 11-0045	LF	Temporary Rockfall Barrier	500.00	
31 32 36 11-0046	LF	Low Reach Drilling (<25 feet)	25.00	
31 32 36 11-0047	LF	High Reach Drilling (>25 feet)	45.00	
31 32 36 11-0048	LF	Limited Access Drilling	100.00	
31 32 36 11-0049	LF	F&I Rock Dowel - #8 Grade 75 All-Thread Bar (Galvanized)	18.50	
31 32 36 11-0050	LF	F&I Rock Dowel - #8 Grade 75 All-Thread Bar (Epoxy Coated)	15.25	
31 32 36 11-0051	LF	F&I Rock Dowel - #8 Grade 150 All-Thread Bar (Galvanized)	23.25	
31 32 36 11-0052	LF	F&I Rock Dowel - #8 Grade 150 All-Thread Bar (Epoxy Coated)	17.25	
31 32 36 11-0053	LF	F&I Rock Dowel - #10 Grade 75 All-Thread Bar (Galvanized)	23.50	
31 32 36 11-0054	LF	F&I Rock Dowel - #10 Grade 75 All-Thread Bar (Epoxy Coated)	18.75	
31 32 36 11-0055	LF	F&I Rock Dowel - #10 Grade 150 All-Thread Bar (Galvanized)	26.50	
31 32 36 11-0056	LF	F&I Rock Dowel - #10 Grade 150 All-Thread Bar (Epoxy Coated)	21.00	
31 32 36 11-0057	LF	F&I Rock Dowel - #11 Grade 75 All-Thread Bar (Galvanized)	29.25	
31 32 36 11-0058	LF	F&I Rock Dowel - #11 Grade 75 All-Thread Bar (Epoxy Coated)	21.00	
31 32 36 11-0059	LF	F&I Rock Dowel - #11 Grade 150 All-Thread Bar (Galvanized)	34.50	
31 32 36 11-0060	LF	F&I Rock Dowel - #11 Grade 150 All-Thread Bar (Epoxy Coated)	31.75	
31 32 36 11-0061	EA	Rock Anchor Testing	825.00	
31 32 36 11-0062		**Mobilization / Demobilization** *(31 32 36 11-0001)*		
31 32 36 11-0063	EA	Mobilization - In State	10,000.00	
31 32 36 11-0064	EA	Mobilization - Out Of State	25,000.00	
31 32 36 11-0065	EA	Mobilization - Specialty Equipment Adder	9,800.00	
31 32 36 11-0066		**Daily Crew Rates (DCR)** *(31 32 36 11-0001)*		
31 32 36 11-0067	DAY	Soils Stabilization Crew - DCR , Per Workday	13,150.00	
31 32 36 11-0068	DAY	Rockfall Stabilization Crew - DCR, Per Workday	15,200.00	
31 32 36 11-0069	DAY	Compaction Grouting Crew - DCR, Per Workday	12,925.00	
31 32 36 11-0070	DAY	Additional Crew Member/Crew - DCR, Per Workday	2,050.00	
31 32 36 11-0071	EA	Out of State Crew Rotation	4,950.00	
31 32 36 11-0072	EA	Spider Excavation	5,500.00	
31 32 36 13		**Driven Soil Nailing** *(31 32 36)*		
31 32 36 13-0001		**Large Diameter Micropiles** *(31 32 36 13)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 13-0002	LF	5" Micropiles (with up to 5.5" steel casing)	94.50	
31 32 36 13-0003	LF	7" Micropiles (with up to 7.625" steel casing)	130.25	
31 32 36 13-0004	LF	10" Micropiles (with up to 9.625" steel casing)	166.50	
31 32 36 13-0005	LF	12" Micropiles (with up to 11.875" steel casing)	213.25	
31 32 36 16		**Grouted Soil Nailing** *(31 32 36)*		
31 32 36 16-0001		**Grouting** *(31 32 36 16)* Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 36 16-0002 Compaction Grouting *(31 32 36 16-0001)*

Note: A. Furnish compaction grout material manufactured on-site (at the project location) in volumetric batching equipment so that grout rheology can be controlled real-time. The grout shall have a slump of 0.50" to 3.0" depending on the specific requirements of the project and shall conform to the engineering plans developed and submitted by the Contractor. Grout components shall consist of Type I/II cement, potable water and aggregate. Fly Ash may be added to the mix per the engineering plans. All aggregate for the compaction grout material shall meet the following requirements: a. 100% passing the 1/2" sieve b. Less than 2% organics c. No bentonite or other clay of medium to high plasticity shall be used. Site conditions and re-leveling requirements shall determine the exact proportions of cement, water and soil. The grout mix shall generally consist of aggregate with up to 12% cement by weight and water to form a very stiff mortar-like mixture. No admixtures shall be used without the Project Manager's approval, and previous testing. Mix design and test results of grout mixture must be submitted and approved by the Project Manager 15 Days prior to the commencement of the work. A. Gradations of the aggregate material to be utilized shall be submitted as part of the submittal process and prior to any work taking place. B. The compaction grouting mixer shall be of a type to ensure complete mixing of the stiff grout, as approved by the Project Manager. The compaction grout mixer shall be of sufficient capacity to continuously deliver grout having a slump of less than 1.5 inches at pressures up to 1,000 psi, at flow rates ranging from 0.1 to 5.0 cubic feet per minute. Gauges shall be provided at the pump and the grout pipe head to measure pressure the rate of flow. Type and location of gauges shall be as specified by the Contractor. A dial gauge or meter capable of measuring to 0.5 cubic feet or less shall be provided to measure the amount of grout pumped into the hole. A pressure gauge shall be graduated in 10-psi increments or less and used to measure the applied pressure. Compaction grout hose shall have a minimum inside diameter of 2 inches with non-restrictive full flow couplings. The hose shall be of sufficient strength for the pressures anticipated, and shall be in good condition.

31 32 36 16-0003	LF	Compaction Grouting Casing Installation	52.75	
31 32 36 16-0004	CF	Compaction Grout Injection for Soils Densification	55.50	
31 32 36 16-0005	CF	Compaction Grout For Void Fill	39.00	

31 32 36 16-0006 Polyurethane Grouting *(31 32 36 16-0001)*

Note: The material shall be a two part 1:1 ratio by volume, polyurethane-forming mixture, having a water insoluble diluent, which permits the formation of polyurethanes in excess water. The material shall reach 90% Compressive strength in 30 minutes such that traffic may be returned to roadway within 30 minutes after last injection of material. Polyurethane Free-rise Physical Properties Property I Units ASTM Minimum Maximum Density - lb/cf D 1622 3.0 lb/cf 6.0 lb/cf Tensile Strength - psi D 1623 80 psi Compressive Strength at Yield Point - psi D 1621 60 psi Furnish equipment and incidentals necessary to complete the work. Polyurethane grout shall not be used for deep injection (deeper than 3 ft below bottom of structure) or soils densification, it shall only be used for void filling under structures and for re-leveling. The Contractor shall prepare a profile to determine the areas that require void filling and re-leveling and determine the locations of the injection holes for each treated area. The Contractor shall obtain approval for the final proposed grades and the location of injection holes. The Contractor shall submit a plan for approval of the proposed polyurethane injection methods for the designated project areas. The plan shall include, but not be limited to: proposed diameter of casing (if required), depth of placement, angle of inclination, injection tube spacing, and project staging. The plan shall include monitoring procedures to ensure that damage will not occur to any existing structures due to the injection process. Monitoring devices shall be installed on mechanically stabilized earth retaining systems and between approach slabs and approach slab footings or other components to help prevent damage. The Contractor shall drill a pattern of holes as proposed in his plan. The holes shall be located in a manner that the void filling and structure lifting process does not affect any adjoining structures, such as mechanically stabilized earth retaining walls. Holes shall not be drilled within 4" of the edge of the slab, construction joints or major cracks. No more holes shall be drilled and tubes installed during the day than can be filled during that day. On bridge approach and roadway projects, and as applicable, the initial lift shall be at the sleeper footer. The Contractor shall lift the sleeper footer and the approach slab to the desired elevation by injecting material under the structures with care to assure that polyurethane material is not placed between the sleeper footer and the approach slab. The amount of rise shall be controlled by regulating the rate of injection of the high density polyurethane material. When the nozzle is removed from the hole, any excessive polyurethane material shall be removed from the area.

31 32 36 16-0007	LB	Polyurethane Grouting For Void Fill and Re-Leveling	11.50	

31 32 36 19 Corrosion-Protected Soil Nailing *(31 32 36)*

31 32 36 19-0001 Self-Drilling SuperNails® / SuperMicropiles™ *(31 32 36 19)*

Note: Furnish Self-Drilling SuperNails® / SuperMicropiles™ that consist of a hollow, threaded bar with a sacrificial drill bit. Multiple bars may be coupled to produce final length. Bar thread pattern should be continuous and conform to the pullout requirements of ASTM A 615 (Williams Form Engineering B7X or Ischebeck Titan bars, or approved equivalent). R-thread bars, bars/couplers made from high carbon (>0.20%) or high phosphorous (>0.06%) steels, or bars/couplers made from steels that do not meet the tensile ductility requirements of ASTM A 615 shall not be used for any tensile applications. Bar outer diameters shall be a minimum of 1.5 inches and up to and 3 inches depending on design load. Corrosion Protection for Self Drilling Nails shall follow current FHWA guidance. Inserted length and spacing of Self-Drilling SuperNails® / SuperMicropiles™ will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 19-0002 Self-Drilling SuperNails® *(31 32 36 19-0001)*

31 32 36 19-0003	EA	Self Drilling SuperNails® Up To 10 Ft. Length	559.00	
31 32 36 19-0004	EA	Self Drilling SuperNails® Up To 20 Ft. Length	939.25	
31 32 36 19-0005	EA	Self Drilling SuperNails® Up To 30 Ft. Length	1,305.75	
31 32 36 19-0006	EA	Self Drilling SuperNails® Up To 40 Ft. Length	1,735.75	
31 32 36 19-0007	EA	Self Drilling SuperNails® Up To 50 Ft. Length	2,119.75	
31 32 36 19-0008	EA	Self Drilling SuperNails® Up To 60 Ft. Length	2,459.25	
31 32 36 19-0009	EA	Self Drilling SuperNails® Up To 70 Ft. Length	2,879.25	
31 32 36 19-0010	EA	Self Drilling SuperNails® Up To 80 Ft. Length	3,253.50	
31 32 36 19-0011	EA	Additional Cost for 10' High Capacity X-51 Bar	129.50	

31 32 36 19-0012 SuperNail® Testing *(31 32 36 19)*

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 36 19-0013	EA	SuperNail® Proof Testing	769.00	
31 32 36 19-0014	EA	SuperNail® Verification Testing	2,339.75	

31 32 36 26 Launched Soil Nailing *(31 32 36)*

31 32 36 26-0001 Launched SuperDrain™ (Horizontal Drains) *(31 32 36 26)*

Note: Furnish Launched SuperDrain™ up to 20 feet in length composed of a tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized 36ksi steel (ASTM A513) that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities). Drainage perforations consist of 0.5-inch diameter holes drilled or torch-cut at 6 inch spacing along the distal 5 feet of nail. Every other hole is rotated 90º about the longitudinal axis of the nail. Furnish equipment and incidentals necessary to complete the work. Insert Launched SuperDrain™ with a single stroke at initial velocities in excess of 200 miles per hour. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 26-0002	EA	GalvaDized™ SuperDrain™ - Up To 20' Note: perforated GalvaDized™ steel tube up to 20 ft. length.	605.00
31 32 36 26-0003	EA	Fiberglass SuperNail® - Up To 20' Note: perforated fiberglass tube up to 20 ft. length, pressure grouted with #6 epoxy coated inner Bar.	621.50
31 32 36 26-0004	EA	GalvaDized™ SuperNail® - Up To 20' Note: perforated GalvaDized™ steel tube up to 20 ft. length, pressure grouted with #6 epoxy coated inner Bar.	478.50
31 32 36 26-0005	EA	Temporary Launched Soil Nail Note: bare steel tube up to 20 ft. length.	379.50
31 32 36 26-0006	EA	Fiberglass SuperDrain™ Note: perforated fiberglass tube up to 20 ft. length.	495.00
31 32 36 26-0007	EA	GalvaDized™ SuperDrain™ Note: perforated GalvaDized™ steel tube up to 20 ft. length.	379.50

31 32 36 29 Drilled Soil Nailing *(31 32 36)*

31 32 36 29-0001 Drilled SuperNails® (Permanently Cased Soil Nails) *(31 32 36 29)*

Note: Furnish SuperNails® that are a three stage construction including installation of (1) an outer tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized steel tube that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities); (2) neat cement grout that completely encases and fills the outer tube; and (3) immediately install an epoxy coated, #6 (or greater) grade 75 threadbar as the inner bar. SuperNails® may be in lengths up to 60 feet. Although field adjustments in design may be allowed on certain projects (subject to approval by the Contractor's Engineer and the Owner) bidding an equivalent system is not allowed (i.e. the winning bidder must have the ability to install the above system). Furnish equipment and incidentals necessary to complete the work. Insert SuperNail® outer tubes with a single stroke at initial velocities in excess of 200 miles per hour or by drilling a hole to a prescribed depth and inserting the outer tube. Fill the outer tube with neat cement grout and immediately insert a #6 or larger epoxy coated inner threadbar. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 29-0002	EA	Drilled GalvaDized™ SuperNail® Up To 10 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	602.25
31 32 36 29-0003	EA	Drilled GalvaDized™ SuperNail® Up To 20 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	693.50
31 32 36 29-0004	EA	Drilled GalvaDized™ SuperNail® Up To 30 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	921.50
31 32 36 29-0005	EA	Drilled GalvaDized™ SuperNail® Up To 40 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	1,056.00
31 32 36 29-0006	EA	Drilled GalvaDized™ SuperNail® Up To 50 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	1,171.50
31 32 36 29-0007	EA	Drilled GalvaDized™ SuperNail® Up To 60 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	1,376.50
31 32 36 29-0008	EA	Drilled GalvaDized™ SuperNail® Up To 70 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	1,624.75
31 32 36 29-0009	EA	Drilled GalvaDized™ SuperNail® Up To 80 Ft. Length Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	1,872.75

31 32 36 33 Drilled / Launched Soil Nailing *(31 32 36)*

31 32 36 33-0001 Drilled / Launched SuperMicropiles™ *(31 32 36 33)*

Note: Furnish SuperMicropiles™ that are a three stage construction including installation of (1) an outer tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized steel tube that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities); (2) neat cement grout that completely encases and fills the outer tube; and (3) immediately install an epoxy coated, #6 (or greater) grade 75 threadbar as the inner bar. SuperMicropiles™ may be in lengths up to 60 feet. Although field adjustments in design may be allowed on certain projects (subject to approval by the Contractor's Engineer and the Owner) bidding an equivalent system is not allowed (i.e. the winning bidder must have the ability to install the above system). Furnish equipment and incidentals necessary to complete the work. Insert SuperMicropile™ outer tubes with a single stroke at initial velocities in excess of 200 miles per hour or by drilling a hole to a prescribed depth and inserting the outer tube. Fill the outer tube with neat cement grout and immediately insert a #6 or larger epoxy coated inner threadbar. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.

31 32 36 33-0002	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 20 Ft. Length Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.	695.00
31 32 36 33-0003	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 30 Ft. Length Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.	1,020.00
31 32 36 33-0004	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 40 Ft. Length Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.	1,280.00
31 32 36 33-0005	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 50 Ft. Length Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.	1,540.00

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 35 Slope Protection *(31 30)*

31 35 19 Geosynthetic Slope Protection *(31 35)*

31 35 19 19 Slope Protection with Mulch Control Netting *(31 35 19)*

31 35 19 19-0001 Erosion Control Fabric *(31 35 19 19)*

31 35 19 19-0002	SY	26.6 OZ/SY Erosion Control Fabric (Belton Industries Geocoir 900)	5.13

31 36 Gabions *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, unloading and placing. See CSI section 01 74 19 00-0048 for hauling greater than 15 miles.

31 36 13 Gabion Boxes *(31 36)*

31 36 13 00-0001 Stone Filled Gabion Slope Protection *(31 36 13)*

Note: Machine placed by SY of total top face area for depth indicated.

31 36 13 00-0002	SY	6" Deep Stone Filled Gabion Slope Protection	79.51
31 36 13 00-0003	SY	9" Deep Stone Filled Gabion Slope Protection	94.45
31 36 13 00-0004	SY	12" Deep Stone Filled Gabion Slope Protection	115.41
31 36 13 00-0005	SY	15" Deep Stone Filled Gabion Slope Protection	135.75
31 36 13 00-0006	SY	18" Deep Stone Filled Gabion Slope Protection	159.19
31 36 13 00-0007	SY	24" Deep Stone Filled Gabion Slope Protection	218.36
31 36 13 00-0008	SY	36" Deep Stone Filled Gabion Slope Protection	276.47

31 37 Riprap *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0048 for hauling greater than 15 miles.

31 37 13 Machined Riprap *(31 37)*

31 37 13 00-0001 Random - Filter Stone *(31 37 13)*

31 37 13 00-0002	CY	10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	64.88
		For Chinking Material, Add	*14.10*
31 37 13 00-0003	CY	>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	75.16
		For Chinking Material, Add	*14.10*
31 37 13 00-0004	CY	>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	80.01
		For Chinking Material, Add	*14.10*
31 37 13 00-0005	CY	>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	85.52
		For Chinking Material, Add	*14.10*
31 37 13 00-0006	CY	>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	89.97
		For Chinking Material, Add	*14.10*
31 37 13 00-0007	CY	>600 LB Average Pieces Random, Dumped From Truck, Rip Rap	97.24
31 37 13 00-0008	CY	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	116.49
31 37 13 00-0009	TON	10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	43.07
31 37 13 00-0010	TON	>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	49.60
31 37 13 00-0011	TON	>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	52.68
31 37 13 00-0012	TON	>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	56.18
31 37 13 00-0013	TON	>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	59.00
31 37 13 00-0014	TON	>600 LB Average Pieces Random, Dumped From Truck, Rip Rap	63.67
31 37 13 00-0015	TON	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	78.90
31 37 13 00-0016	TON	Spread Of Rip Rap By Machine Note: Excludes material	16.24
31 37 13 00-0017	TON	Key Rip Rap Note: Excludes material.	121.79
31 37 13 00-0018	CY	Grout For Rip Rap	203.67
31 37 13 00-0019	TON	Additional Cost For Placement Of Rip-Rap By Barge Instead Of Truck	141.89

31 37 16 Non-Machined Riprap *(31 37)*

31 37 16 13 Rubble-Stone Riprap *(31 37 16)*

31 37 16 13-0001 Rock Slope Protection *(31 37 16 13)*

31 37 16 13-0002	TON	1 LB Average Pieces Random, Dumped From Truck, Rock Slope Protection	39.23
31 37 16 13-0003	TON	5 LB Average Pieces Random, Dumped From Truck, Rock Slope Protection	41.53
31 37 16 13-0004	TON	25 LB Average Pieces Random, Dumped From Truck, Rock Slope Protection	43.07
31 37 16 13-0005	TON	75 LB Average Pieces Random, Dumped From Truck, Rock Slope Protection	49.60
31 37 16 13-0006	TON	200 LB Average Pieces Random, Dumped From Truck, Rock Slope Protection	52.68
31 37 16 13-0007	TON	1/4 Ton Average Pieces Random, Dumped From Truck, Rock Slope Protection	59.00
31 37 16 13-0008	TON	1 Ton Average Pieces Random, Dumped From Truck, Rock Slope Protection	63.67
31 37 16 13-0009	TON	2 Ton Average Pieces Random, Dumped From Truck, Rock Slope Protection	68.81
31 37 16 13-0010	TON	4 Ton Average Pieces Random, Dumped From Truck, Rock Slope Protection	76.52

31 40 Shoring and Underpinning *(31)*

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 41 Shoring *(31 40)*

31 41 13 Timber Shoring *(31 41)*

31 41 13 00-0001 Wood Sheet Piling *(31 41 13)*

31 41 13 00-0002 Pull And Salvage *(31 41 13 00-0001)*

Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 13 00-0003	SF	8' Deep Excavation, Wood Shoring, Pull And Salvage	13.12	
		For Wood Sheeting Left In Place	*-1.47*	
31 41 13 00-0004	SF	10' Deep Excavation, Wood Shoring, Pull And Salvage	14.22	
		For Wood Sheeting Left In Place	*-1.69*	
31 41 13 00-0005	SF	12' Deep Excavation, Wood Shoring, Pull And Salvage	15.41	
		For Wood Sheeting Left In Place	*-1.93*	
31 41 13 00-0006	SF	14' Deep Excavation, Wood Shoring, Pull And Salvage	16.70	
		For Wood Sheeting Left In Place	*-2.20*	
31 41 13 00-0007	SF	16' Deep Excavation, Wood Shoring, Pull And Salvage	18.11	
		For Wood Sheeting Left In Place	*-2.49*	
31 41 13 00-0008	SF	18' Deep Excavation, Wood Shoring, Pull And Salvage	19.63	
		For Wood Sheeting Left In Place	*-2.82*	
31 41 13 00-0009	SF	20' Deep Excavation, Wood Shoring, Pull And Salvage	21.32	
		For Wood Sheeting Left In Place	*-3.17*	

31 41 16 Sheet Piling *(31 41)*

31 41 16 13 Steel Sheet Piling *(31 41 16)*

31 41 16 13-0001 Standard Carbon Grade Steel Sheeting - Pull And Salvage *(31 41 16 13)*

Note: Up to 3 months. 38.5 KSI steel per SF minimum. PSF indicated is for the weight of the material per square foot. Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 16 13-0002	TON	Driven Steel Sheet Piling, 15' Excavation, 22 PSF Steel Sheeting, Pull And Salvage	1,988.45	
		For Standard Sheeting Left In Place, Add	*1,200.82*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,157.78*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*96.84*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*107.60*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*333.56*	
		For Each Additional Month >3 Months, Add	*53.80*	
31 41 16 13-0003	TON	Driven Steel Sheet Piling, 20' Excavation, 27 PSF Steel Sheeting, Pull And Salvage	2,066.60	
		For Standard Sheeting Left In Place, Add	*1,161.74*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,118.70*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*96.84*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*107.60*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*333.56*	
		For Each Additional Month >3 Months, Add	*53.80*	
31 41 16 13-0004	TON	Driven Steel Sheet Piling, 25' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,429.89	
		For Standard Sheeting Left In Place, Add	*980.10*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*937.06*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*96.84*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*107.60*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*333.56*	
		For Each Additional Month >3 Months, Add	*53.80*	
31 41 16 13-0005	TON	Driven Steel Sheet Piling, 30' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,779.48	
		For Standard Sheeting Left In Place, Add	*805.30*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*762.26*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*96.84*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*107.60*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*333.56*	
		For Each Additional Month >3 Months, Add	*53.80*	
31 41 16 13-0006	TON	Driven Steel Sheet Piling, 35' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,985.12	
		For Standard Sheeting Left In Place, Add	*702.48*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*659.44*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*96.84*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*107.60*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*333.56*	
		For Each Additional Month >3 Months, Add	*53.80*	
31 41 16 13-0007	TON	Driven Steel Sheet Piling, 40' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	3,194.87	
		For Standard Sheeting Left In Place, Add	*597.61*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*554.57*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*96.84*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*107.60*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*333.56*	
		For Each Additional Month >3 Months, Add	*53.80*	

31 45 Vibroflotation and Densification *(31 40)*

31 45 13 Vibroflotation *(31 45)*

31 45 13 00-0001	LCY	Soil Stabilization, Vibroflotation	15.38	

31 50 Excavation Support and Protection *(31)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 52 Cofferdams *(31 50)*

31 52 21 Portable Cofferdams *(31 52)*

31 52 21 00-0001 Portable Cofferdams *(31 52 21)*
Note: Excludes dewatering and pumps.

31 52 21 00-0002 Portable Cofferdam Rental *(31 52 21 00-0001)*
Note: Excludes delivery and installation.

31 52 21 00-0003	LF	3' High x 7' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'		47.99	
31 52 21 00-0004	LF	4' High x 9' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'		61.43	
31 52 21 00-0005	LF	5' High x 11' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'		86.39	
31 52 21 00-0006	LF	6' High x 13' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'		111.34	
31 52 21 00-0007	LF	8' High x 17' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'		143.98	
31 52 21 00-0008	LF	10' High x 21' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'		287.96	
31 52 21 00-0009	LF	12' High x 25' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'		403.14	
31 52 21 00-0010	LF	16' High x 33' Width, Portable Cofferdam, Rental Per Month Note: Minimum 40'		570.15	

31 52 21 00-0011 Portable Cofferdam Delivery And Set-up *(31 52 21 00-0001)*
Note: Excludes crane usage where required. See CSI section 01 22 23 00-0942 for crane lifting equipment.

31 52 21 00-0012	LF	Up To 5' High, Portable Cofferdam, Delivery And Set-up In Dynamic (Rivers Or Streams) Water		11.19
31 52 21 00-0013	LF	6' To 8' High, Portable Cofferdam, Delivery And Set-up In Dynamic (Rivers Or Streams) Water		17.90
31 52 21 00-0014	LF	10' To 12' High, Portable Cofferdam, Delivery And Set-up In Dynamic (Rivers Or Streams) Water		26.85
31 52 21 00-0015	LF	16' High, Portable Cofferdam, Delivery And Set-up In Dynamic (Rivers Or Streams) Water		35.81
31 52 21 00-0016	LF	Up To 5' High, Portable Cofferdam, Delivery And Set-up In Static (Lakes Or Ponds) Water		6.71
31 52 21 00-0017	LF	6' To 8' High, Portable Cofferdam, Delivery And Set-up In Static (Lakes Or Ponds) Water		11.19
31 52 21 00-0018	LF	10' To 12' High, Portable Cofferdam, Delivery And Set-up In Static (Lakes Or Ponds) Water		17.90
31 52 21 00-0019	LF	16' High, Portable Cofferdam, Delivery And Set-up In Static (Lakes Or Ponds) Water		24.62

31 52 21 00-0020 Portable Cofferdam Repositioning *(31 52 21 00-0001)*

31 52 21 00-0021	LF	Up To 5' High, Portable Cofferdam, Repositioning		5.59
31 52 21 00-0022	LF	6' To 8' High, Portable Cofferdam, Repositioning		8.95
31 52 21 00-0023	LF	10' To 12' High, Portable Cofferdam, Repositioning		13.43
31 52 21 00-0024	LF	16' High, Portable Cofferdam, Repositioning		17.90

31 60 Special Foundations and Load-bearing Elements *(31)*

31 62 Driven Piles *(31 60)*

31 62 13 Concrete Piles *(31 62)*

31 62 13 23 Prestressed Concrete Piles *(31 62 13)*

31 62 13 23-0001 Square Prestressed Driven Concrete Piles *(31 62 13 23)*

31 62 13 23-0002	VLF	10" Square Prestressed Driven Concrete Pile		32.58
		For Piles Driven In Water, Add		*14.98*
31 62 13 23-0003	VLF	12" Square Prestressed Driven Concrete Pile		41.14
		For Piles Driven In Water, Add		*16.93*
31 62 13 23-0004	VLF	14" Square Prestressed Driven Concrete Pile		50.13
		For Piles Driven In Water, Add		*18.69*
31 62 13 23-0005	VLF	16" Square Prestressed Driven Concrete Pile		61.69
		For Piles Driven In Water, Add		*20.82*
31 62 13 23-0006	VLF	18" Square Prestressed Driven Concrete Pile		75.16
		For Piles Driven In Water, Add		*23.29*
31 62 13 23-0007	VLF	20" Square Prestressed Driven Concrete Pile		87.10
		For Piles Driven In Water, Add		*25.80*
31 62 13 23-0008	VLF	24" Square Prestressed Driven Concrete Pile		111.54
		For Piles Driven In Water, Add		*29.80*

31 62 13 23-0009 Octagonal Prestressed Driven Concrete Piles *(31 62 13 23)*

31 62 13 23-0010	VLF	12" Octagonal Prestressed Driven Concrete Pile		36.75
		For Piles Driven In Water, Add		*15.74*
31 62 13 23-0011	VLF	14" Octagonal Prestressed Driven Concrete Pile		45.37
		For Piles Driven In Water, Add		*17.35*
31 62 13 23-0012	VLF	16" Octagonal Prestressed Driven Concrete Pile		54.11
		For Piles Driven In Water, Add		*19.09*
31 62 13 23-0013	VLF	18" Octagonal Prestressed Driven Concrete Pile		64.92
		For Piles Driven In Water, Add		*21.14*
31 62 13 23-0014	VLF	20" Octagonal Prestressed Driven Concrete Pile		69.08
		For Piles Driven In Water, Add		*22.69*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 13 23-0015	VLF	24" Octagonal Prestressed Driven Concrete Pile	73.47	
		For Piles Driven In Water, Add	*24.44*	

31 62 13 23-0016 Straight Cylinder Prestressed Driven Concrete Piles *(31 62 13 23)*

31 62 13 23-0017	VLF	12" Diameter, 2-3/8" Wall, Straight Cylinder Prestressed Driven Concrete Pile	53.57	
		For Piles Driven In Water, Add	*16.75*	
31 62 13 23-0018	VLF	14" Diameter, 2-1/2" Wall, Straight Cylinder Prestressed Driven Concrete Pile	63.65	
		For Piles Driven In Water, Add	*18.43*	
31 62 13 23-0019	VLF	16" Diameter, 3" Wall, Straight Cylinder Prestressed Driven Concrete Pile	75.60	
		For Piles Driven In Water, Add	*20.38*	
31 62 13 23-0020	VLF	18" Diameter, 3-1/2" Wall, Straight Cylinder Prestressed Driven Concrete Pile	85.65	
		For Piles Driven In Water, Add	*22.25*	
31 62 13 23-0021	VLF	20" Diameter, 4" Wall, Straight Cylinder Prestressed Driven Concrete Pile	107.95	
		For Piles Driven In Water, Add	*25.45*	
31 62 13 23-0022	VLF	24" Diameter, 5" Wall, Straight Cylinder Prestressed Driven Concrete Pile	133.69	
		For Piles Driven In Water, Add	*29.15*	

31 62 16 Steel Piles *(31 62)*

31 62 16 16 Steel H Piles *(31 62 16)*

31 62 16 16-0001 Rolled, Driven Steel H Piles *(31 62 16 16)*

31 62 16 16-0002	VLF	8" x 8" x 36 LB/FT, Rolled, Driven Steel H Pile	33.39	
		For Piles Driven In Water, Add	*16.16*	
31 62 16 16-0003	VLF	10" x 10" x 42 LB/FT, Rolled, Driven Steel H Pile	37.29	
		For Piles Driven In Water, Add	*17.18*	
31 62 16 16-0004	VLF	10" x 10" x 57 LB/FT, Rolled, Driven Steel H Pile	45.26	
		For Piles Driven In Water, Add	*17.98*	
31 62 16 16-0005	VLF	12" x 12" x 53 LB/FT, Rolled, Driven Steel H Pile	43.58	
		For Piles Driven In Water, Add	*18.21*	
31 62 16 16-0006	VLF	12" x 12" x 63 LB/FT, Rolled, Driven Steel H Pile	48.90	
		For Piles Driven In Water, Add	*18.74*	
31 62 16 16-0007	VLF	12" x 12" x 74 LB/FT, Rolled, Driven Steel H Pile	56.03	
		For Piles Driven In Water, Add	*20.61*	
31 62 16 16-0008	VLF	12" x 12" x 84 LB/FT, Rolled, Driven Steel H Pile	61.34	
		For Piles Driven In Water, Add	*21.14*	
31 62 16 16-0009	VLF	14" x 14" x 73 LB/FT, Rolled, Driven Steel H Pile	55.91	
		For Piles Driven In Water, Add	*20.97*	
31 62 16 16-0010	VLF	14" x 14" x 89 LB/FT, Rolled, Driven Steel H Pile	64.96	
		For Piles Driven In Water, Add	*21.88*	
31 62 16 16-0011	VLF	14" x 14" x 102 LB/FT, Rolled, Driven Steel H Pile	72.76	
		For Piles Driven In Water, Add	*23.94*	
31 62 16 16-0012	VLF	14" x 14" x 117 LB/FT, Rolled, Driven Steel H Pile	81.27	
		For Piles Driven In Water, Add	*24.79*	

31 62 16 16-0013 Splices, Caps, And Points For H-Piles *(31 62 16 16)*

31 62 16 16-0014 Rolled Steel H Pile Splices *(31 62 16 16-0013)*

31 62 16 16-0015	EA	8" Rolled Steel H Pile Splice	303.61
31 62 16 16-0016	EA	10" Rolled Steel H Pile Splice	341.39
31 62 16 16-0017	EA	12" Rolled Steel H Pile Splice	467.17
31 62 16 16-0018	EA	14" Rolled Steel H Pile Splice	486.06

31 62 16 16-0019 Rolled Steel H Driving Caps *(31 62 16 16-0013)*

31 62 16 16-0020	EA	8" Rolled Steel H Driving Cap	3,136.07
31 62 16 16-0021	EA	10" Rolled Steel H Driving Cap	3,136.07
31 62 16 16-0022	EA	12" Rolled Steel H Driving Cap	3,192.19
31 62 16 16-0023	EA	14" Rolled Steel H Driving Cap	4,797.66

31 62 16 16-0024 Rolled Steel H Standard Pile Points *(31 62 16 16-0013)*

31 62 16 16-0025	EA	8" Rolled Steel H Standard Pile Point	322.50
31 62 16 16-0026	EA	10" Rolled Steel H Standard Pile Point	341.39
31 62 16 16-0027	EA	12" Rolled Steel H Standard Pile Point	467.17
31 62 16 16-0028	EA	14" Rolled Steel H Standard Pile Point	523.84
31 62 16 16-0029	EA	10" Rolled Steel H Standard Pile Point	467.17
31 62 16 16-0030	EA	14" Rolled Steel H Standard Pile Point	560.42

31 62 16 19 Unfilled Tubular Steel Piles *(31 62 16)*

31 62 16 19-0001 Unfilled Tubular Driven Steel Piles *(31 62 16 19)*

31 62 16 19-0002	VLF	8" Diameter x 29 LB/FT, Unfilled Tubular Driven Steel Pile	56.23	
		For Piles Driven In Water, Add	*22.03*	
31 62 16 19-0003	VLF	8" Diameter x 36 LB/FT, Unfilled Tubular Driven Steel Pile	65.73	
		For Piles Driven In Water, Add	*22.98*	
31 62 16 19-0004	VLF	8" Diameter x 43 LB/FT, Unfilled Tubular Driven Steel Pile	75.99	
		For Piles Driven In Water, Add	*24.01*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 16 19-0005	VLF	10" Diameter x 34 LB/FT, Unfilled Tubular Driven Steel Pile	65.73	
		For Piles Driven In Water, Add	*22.98*	
31 62 16 19-0006	VLF	10" Diameter x 41 LB/FT, Unfilled Tubular Driven Steel Pile	74.75	
		For Piles Driven In Water, Add	*23.88*	
31 62 16 19-0007	VLF	10" Diameter x 55 LB/FT, Unfilled Tubular Driven Steel Pile	94.70	
		For Piles Driven In Water, Add	*25.88*	
31 62 16 19-0008	VLF	12" Diameter x 42 LB/FT, Unfilled Tubular Driven Steel Pile	77.88	
		For Piles Driven In Water, Add	*25.06*	
31 62 16 19-0009	VLF	12" Diameter x 50 LB/FT, Unfilled Tubular Driven Steel Pile	88.44	
		For Piles Driven In Water, Add	*26.12*	
31 62 16 19-0010	VLF	12" Diameter x 54 LB/FT, Unfilled Tubular Driven Steel Pile	94.31	
		For Piles Driven In Water, Add	*26.70*	
31 62 16 19-0011	VLF	12" Diameter x 65 LB/FT, Unfilled Tubular Driven Steel Pile	110.74	
		For Piles Driven In Water, Add	*28.35*	
31 62 16 19-0012	VLF	14" Diameter x 46 LB/FT, Unfilled Tubular Driven Steel Pile	84.11	
		For Piles Driven In Water, Add	*27.49*	
31 62 16 19-0013	VLF	14" Diameter x 55 LB/FT, Unfilled Tubular Driven Steel Pile	96.06	
		For Piles Driven In Water, Add	*28.69*	
31 62 16 19-0014	VLF	14" Diameter x 64 LB/FT, Unfilled Tubular Driven Steel Pile	108.02	
		For Piles Driven In Water, Add	*29.88*	
31 62 16 19-0015	VLF	14" Diameter x 72 LB/FT, Unfilled Tubular Driven Steel Pile	119.97	
		For Piles Driven In Water, Add	*31.08*	
31 62 16 19-0016	VLF	16" Diameter x 52 LB/FT, Unfilled Tubular Driven Steel Pile	93.55	
		For Piles Driven In Water, Add	*30.66*	
31 62 16 19-0017	VLF	16" Diameter x 63 LB/FT, Unfilled Tubular Driven Steel Pile	107.52	
		For Piles Driven In Water, Add	*32.06*	
31 62 16 19-0018	VLF	16" Diameter x 83 LB/FT, Unfilled Tubular Driven Steel Pile	134.78	
		For Piles Driven In Water, Add	*34.78*	
31 62 16 19-0019	VLF	18" Diameter x 59 LB/FT, Unfilled Tubular Driven Steel Pile	116.46	
		For Piles Driven In Water, Add	*34.76*	
31 62 16 19-0020	VLF	18" Diameter x 71 LB/FT, Unfilled Tubular Driven Steel Pile	134.61	
		For Piles Driven In Water, Add	*36.57*	
31 62 16 19-0021	VLF	18" Diameter x 93 LB/FT, Unfilled Tubular Driven Steel Pile	169.11	
		For Piles Driven In Water, Add	*40.02*	

31 62 16 19-0022 Splices And Points For Pipe Piles *(31 62 16 19)*

31 62 16 19-0023 Steel Pipe Pile Splices *(31 62 16 19-0022)*

31 62 16 19-0024	EA	8" Diameter, Steel Pipe Pile Splice	432.26
31 62 16 19-0025	EA	10" Diameter, Steel Pipe Pile Splice	487.87
31 62 16 19-0026	EA	12" Diameter, Steel Pipe Pile Splice	611.99
31 62 16 19-0027	EA	14" Diameter, Steel Pipe Pile Splice	666.83
31 62 16 19-0028	EA	16" Diameter, Steel Pipe Pile Splice	838.85
31 62 16 19-0029	EA	18" Diameter, Steel Pipe Pile Splice	1,045.28

31 62 16 19-0030 Steel Pipe Standard Pile Points *(31 62 16 19-0022)*

31 62 16 19-0031	EA	8" Diameter, Steel Pipe Standard Pile Point	384.29
31 62 16 19-0032	EA	10" Diameter, Steel Pipe Standard Pile Point	428.83
31 62 16 19-0033	EA	12" Diameter, Steel Pipe Standard Pile Point	495.30
31 62 16 19-0034	EA	14" Diameter, Steel Pipe Standard Pile Point	617.78
31 62 16 19-0035	EA	16" Diameter, Steel Pipe Standard Pile Point	729.13
31 62 16 19-0036	EA	18" Diameter, Steel Pipe Standard Pile Point	832.45

31 62 16 19-0037 Steel Pipe Heavy Duty Pile Points *(31 62 16 19-0022)*

31 62 16 19-0038	EA	10" Diameter, Steel Pipe Heavy Duty Pile Point	537.96
31 62 16 19-0039	EA	12" Diameter, Steel Pipe Heavy Duty Pile Point	593.63
31 62 16 19-0040	EA	14" Diameter, Steel Pipe Heavy Duty Pile Point	679.80
31 62 16 19-0041	EA	16" Diameter, Steel Pipe Heavy Duty Pile Point	902.50
31 62 16 19-0042	EA	18" Diameter, Steel Pipe Heavy Duty Pile Point	1,066.17

31 62 19 Timber Piles *(31 62)*

31 62 19 00-0001 Friction Or End Bearing, Driven Treated Wood Piles *(31 62 19)*

Note: 12 LB Penta-treated/CF.

31 62 19 00-0002	LF	Up To 30', 12" Butt x 8" Tip, Friction Or End Bearing, Driven Treated Wood Pile	34.85
		For Piles Driven In Water, Add	*14.88*
		For Untreated Pile, Deduct	*-8.21*
		For Each Pile Tip Point, Add	*12.50*
		For Each Pile Butt, Driving Cap, Add	*20.10*
		For Each Splice For Pile >50', Add	*139.40*
31 62 19 00-0003	LF	>30' To 39', 12" Butt x 8" Tip, Friction Or End Bearing, Driven Treated Wood Pile	36.67
		For Piles Driven In Water, Add	*16.48*
		For Untreated Pile, Deduct	*-8.30*
		For Each Pile Tip Point, Add	*12.50*
		For Each Pile Butt, Driving Cap, Add	*20.10*
		For Each Splice For Pile >50', Add	*139.40*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 19 00-0004	LF	39' To 49', 12" Butt x 7" Tip, Friction Or End Bearing, Driven Treated Wood Pile	38.66	
		For Piles Driven In Water, Add	*17.55*	
		For Untreated Pile, Deduct	*-8.68*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0005	LF	>49' To 59', 13" Butt x 7" Tip, Friction Or End Bearing, Driven Treated Wood Pile	41.59	
		For Piles Driven In Water, Add	*19.54*	
		For Untreated Pile, Deduct	*-9.07*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0006	LF	>59' To 69', 13" Butt x 6" Tip, Friction Or End Bearing, Driven Treated Wood Pile	51.78	
		For Piles Driven In Water, Add	*22.27*	
		For Untreated Pile, Deduct	*-12.13*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	
31 62 19 00-0007	LF	>69' To 79', 13" Butt x 6" Tip, Friction Or End Bearing, Driven Treated Wood Pile	64.72	
		For Piles Driven In Water, Add	*26.97*	
		For Untreated Pile, Deduct	*-15.52*	
		For Each Pile Tip Point, Add	*12.50*	
		For Each Pile Butt, Driving Cap, Add	*20.10*	
		For Each Splice For Pile >50', Add	*139.40*	

31 62 23 Composite Piles *(31 62)*

31 62 23 13 Concrete-Filled Steel Piles *(31 62 23)*

31 62 23 13-0001 Concrete-Filled Driven Steel Pipe Piles *(31 62 23 13)*

Note: Includes 4,000 PSI concrete grout. Excludes reinforcing.

31 62 23 13-0002	VLF	8" Diameter x 29 LB/FT, Concrete-Filled Driven Steel Pipe Pile	59.83	
		For 5,000 PSI Concrete Grout Fill, Add	*6.71*	
		For Piles Driven In Water, Add	*23.82*	
31 62 23 13-0003	VLF	8" Diameter x 36 LB/FT, Concrete-Filled Driven Steel Pipe Pile	69.33	
		For 5,000 PSI Concrete Grout Fill, Add	*7.66*	
		For Piles Driven In Water, Add	*24.77*	
31 62 23 13-0004	VLF	8" Diameter x 43 LB/FT, Concrete-Filled Driven Steel Pipe Pile	79.59	
		For 5,000 PSI Concrete Grout Fill, Add	*8.69*	
		For Piles Driven In Water, Add	*25.80*	
31 62 23 13-0005	VLF	10" Diameter x 34 LB/FT, Concrete-Filled Driven Steel Pipe Pile	70.96	
		For 5,000 PSI Concrete Grout Fill, Add	*9.29*	
		For Piles Driven In Water, Add	*25.33*	
31 62 23 13-0006	VLF	10" Diameter x 41 LB/FT, Concrete-Filled Driven Steel Pipe Pile	79.98	
		For 5,000 PSI Concrete Grout Fill, Add	*10.19*	
		For Piles Driven In Water, Add	*26.23*	
31 62 23 13-0007	VLF	10" Diameter x 55 LB/FT, Concrete-Filled Driven Steel Pipe Pile	99.93	
		For 5,000 PSI Concrete Grout Fill, Add	*12.19*	
		For Piles Driven In Water, Add	*28.23*	
31 62 23 13-0008	VLF	12" Diameter x 42 LB/FT, Concrete-Filled Driven Steel Pipe Pile	85.22	
		For 5,000 PSI Concrete Grout Fill, Add	*12.41*	
		For Piles Driven In Water, Add	*28.29*	
31 62 23 13-0009	VLF	12" Diameter x 50 LB/FT, Concrete-Filled Driven Steel Pipe Pile	95.78	
		For 5,000 PSI Concrete Grout Fill, Add	*13.46*	
		For Piles Driven In Water, Add	*29.34*	
31 62 23 13-0010	VLF	12" Diameter x 54 LB/FT, Concrete-Filled Driven Steel Pipe Pile	101.65	
		For 5,000 PSI Concrete Grout Fill, Add	*14.05*	
		For Piles Driven In Water, Add	*29.93*	
31 62 23 13-0011	VLF	12" Diameter x 65 LB/FT, Concrete-Filled Driven Steel Pipe Pile	118.08	
		For 5,000 PSI Concrete Grout Fill, Add	*15.69*	
		For Piles Driven In Water, Add	*31.57*	
31 62 23 13-0012	VLF	14" Diameter x 46 LB/FT, Concrete-Filled Driven Steel Pipe Pile	94.04	
		For 5,000 PSI Concrete Grout Fill, Add	*15.11*	
		For Piles Driven In Water, Add	*32.52*	
31 62 23 13-0013	VLF	14" Diameter x 55 LB/FT, Concrete-Filled Driven Steel Pipe Pile	105.99	
		For 5,000 PSI Concrete Grout Fill, Add	*16.30*	
		For Piles Driven In Water, Add	*33.71*	
31 62 23 13-0014	VLF	14" Diameter x 64 LB/FT, Concrete-Filled Driven Steel Pipe Pile	117.94	
		For 5,000 PSI Concrete Grout Fill, Add	*17.50*	
		For Piles Driven In Water, Add	*34.91*	
31 62 23 13-0015	VLF	14" Diameter x 72 LB/FT, Concrete-Filled Driven Steel Pipe Pile	129.90	
		For 5,000 PSI Concrete Grout Fill, Add	*18.69*	
		For Piles Driven In Water, Add	*36.10*	
31 62 23 13-0016	VLF	16" Diameter x 52 LB/FT, Concrete-Filled Driven Steel Pipe Pile	104.29	
		For 5,000 PSI Concrete Grout Fill, Add	*18.52*	
		For Piles Driven In Water, Add	*34.92*	
31 62 23 13-0017	VLF	16" Diameter x 63 LB/FT, Concrete-Filled Driven Steel Pipe Pile	118.26	
		For 5,000 PSI Concrete Grout Fill, Add	*19.92*	
		For Piles Driven In Water, Add	*36.32*	
31 62 23 13-0018	VLF	16" Diameter x 83 LB/FT, Concrete-Filled Driven Steel Pipe Pile	145.51	
		For 5,000 PSI Concrete Grout Fill, Add	*22.64*	
		For Piles Driven In Water, Add	*39.04*	
31 62 23 13-0019	VLF	18" Diameter x 59 LB/FT, Concrete-Filled Driven Steel Pipe Pile	129.38	
		For 5,000 PSI Concrete Grout Fill, Add	*23.71*	
		For Piles Driven In Water, Add	*39.41*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 23 13-0020		VLF	18" Diameter x 71 LB/FT, Concrete-Filled Driven Steel Pipe Pile	147.54	
			For 5,000 PSI Concrete Grout Fill, Add	*25.52*	
			For Piles Driven In Water, Add	*41.22*	
31 62 23 13-0021		VLF	18" Diameter x 93 LB/FT, Concrete-Filled Driven Steel Pipe Pile	182.03	
			For 5,000 PSI Concrete Grout Fill, Add	*28.97*	
			For Piles Driven In Water, Add	*44.67*	

31 62 23 13-0022 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Piles *(31 62 23 13)*

Note: End bearing, with fluted steel casing, up to 50'. Includes 4,000 PSI concrete. Excludes reinforcing.

31 62 23 13-0023		VLF	12" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	80.62	
			For Piles Driven In Water, Add	*21.74*	
31 62 23 13-0024		VLF	14" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	98.43	
			For Piles Driven In Water, Add	*24.50*	
31 62 23 13-0025		VLF	16" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	111.68	
			For Piles Driven In Water, Add	*26.95*	
31 62 23 13-0026		VLF	18" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile	121.51	
			For Piles Driven In Water, Add	*29.24*	

31 62 23 13-0027 Tapered Friction Concrete-Filled Driven Steel Piles *(31 62 23 13)*

Note: With fluted steel casing, up to 50'. Includes 4,000 PSI concrete. Excludes reinforcing.

31 62 23 13-0028		VLF	12" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	79.01	
			For Piles Driven In Water, Add	*21.58*	
31 62 23 13-0029		VLF	14" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	80.89	
			For Piles Driven In Water, Add	*22.74*	
31 62 23 13-0030		VLF	16" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	99.38	
			For Piles Driven In Water, Add	*25.72*	
31 62 23 13-0031		VLF	18" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile	115.00	
			For Piles Driven In Water, Add	*28.59*	

31 62 23 13-0032 Thin Wall Shell Straight Sided Driven Steel Piles *(31 62 23 13)*

31 62 23 13-0033		VLF	8" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	46.44	
			For Piles Driven In Water, Add	*16.18*	
			For Thick Wall Shell, Add	*0.08*	
31 62 23 13-0034		VLF	10" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	51.23	
			For Piles Driven In Water, Add	*17.94*	
			For Thick Wall Shell, Add	*0.09*	
31 62 23 13-0035		VLF	12" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	55.99	
			For Piles Driven In Water, Add	*19.70*	
			For Thick Wall Shell, Add	*0.10*	
31 62 23 13-0036		VLF	14" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	60.79	
			For Piles Driven In Water, Add	*21.46*	
			For Thick Wall Shell, Add	*0.11*	
31 62 23 13-0037		VLF	16" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile	65.58	
			For Piles Driven In Water, Add	*23.22*	
			For Thick Wall Shell, Add	*0.12*	

31 63 Bored Piles *(31 60)*

31 63 36 Drilled Steel Piles *(31 63)*

31 63 36 00-0001 Drill Hole *(31 63 36)*

Note: Excludes removal of excess material.

31 63 36 00-0002 Drilling Mobilization *(31 63 36 00-0001)*

31 63 36 00-0003	EA	>12" To 24" Diameter Hole, Drilling Mobilization	945.84	
31 63 36 00-0004	EA	>24" Diameter Hole, Drilling Mobilization	1,261.11	

31 63 36 00-0005 Drill Hole In Soil *(31 63 36 00-0001)*

31 63 36 00-0006	LF	18" Diameter, Up To 24' Depth, Drilled/Augered Hole	53.58	
31 63 36 00-0007	LF	20" Diameter, Up To 24' Depth, Drilled/Augered Hole	62.30	
31 63 36 00-0008	LF	22" Diameter, Up To 24' Depth, Drilled/Augered Hole	73.19	
31 63 36 00-0009	LF	24" Diameter, Up To 24' Depth, Drilled/Augered Hole	86.28	
31 63 36 00-0010	LF	26" Diameter, Up To 24' Depth, Drilled/Augered Hole	93.26	
31 63 36 00-0011	LF	28" Diameter, Up To 24' Depth, Drilled/Augered Hole	102.60	
31 63 36 00-0012	LF	30" Diameter, Up To 24' Depth, Drilled/Augered Hole	112.39	

31 63 36 00-0013 Steel H Piles *(31 63 36)*

31 63 36 00-0014 Placed In Drilled Hole, Rolled Steel H-Section Piles *(31 63 36 00-0013)*

Note: Includes guides, bracing and alignment.

31 63 36 00-0015	VLF	8" x 8" x 36 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	31.67	
		For >2,400 To 3,600, Deduct	*-1.10*	
		For >3,600 To 4,800, Deduct	*-2.21*	
		For >4,800 To 6,000, Deduct	*-3.79*	
		For >6,000, Deduct	*-5.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 63 36 00-0016	VLF	10" x 10" x 42 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	35.50	
		For >2,400 To 3,600, Deduct	*-1.22*	
		For >3,600 To 4,800, Deduct	*-2.43*	
		For >4,800 To 6,000, Deduct	*-4.21*	
		For >6,000, Deduct	*-5.98*	
31 63 36 00-0017	VLF	10" x 10" x 57 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	43.47	
		For >2,400 To 3,600, Deduct	*-1.42*	
		For >3,600 To 4,800, Deduct	*-2.83*	
		For >4,800 To 6,000, Deduct	*-5.01*	
		For >6,000, Deduct	*-7.18*	
31 63 36 00-0018	VLF	12" x 12" x 53 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	41.73	
		For >2,400 To 3,600, Deduct	*-1.38*	
		For >3,600 To 4,800, Deduct	*-2.76*	
		For >4,800 To 6,000, Deduct	*-4.85*	
		For >6,000, Deduct	*-6.94*	
31 63 36 00-0019	VLF	12" x 12" x 63 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	47.05	
		For >2,400 To 3,600, Deduct	*-1.51*	
		For >3,600 To 4,800, Deduct	*-3.03*	
		For >4,800 To 6,000, Deduct	*-5.38*	
		For >6,000, Deduct	*-7.73*	
31 63 36 00-0020	VLF	12" x 12" x 74 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	54.03	
		For >2,400 To 3,600, Deduct	*-1.72*	
		For >3,600 To 4,800, Deduct	*-3.44*	
		For >4,800 To 6,000, Deduct	*-6.14*	
		For >6,000, Deduct	*-8.84*	
31 63 36 00-0021	VLF	12" x 12" x 84 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	59.34	
		For >2,400 To 3,600, Deduct	*-1.85*	
		For >3,600 To 4,800, Deduct	*-3.70*	
		For >4,800 To 6,000, Deduct	*-6.67*	
		For >6,000, Deduct	*-9.63*	
31 63 36 00-0022	VLF	14" x 14" x 73 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	53.85	
		For >2,400 To 3,600, Deduct	*-1.72*	
		For >3,600 To 4,800, Deduct	*-3.44*	
		For >4,800 To 6,000, Deduct	*-6.14*	
		For >6,000, Deduct	*-8.83*	
31 63 36 00-0023	VLF	14" x 14" x 89 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	62.90	
		For >2,400 To 3,600, Deduct	*-1.95*	
		For >3,600 To 4,800, Deduct	*-3.90*	
		For >4,800 To 6,000, Deduct	*-7.04*	
		For >6,000, Deduct	*-10.19*	
31 63 36 00-0024	VLF	14" x 14" x 102 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	70.53	
		For >2,400 To 3,600, Deduct	*-2.17*	
		For >3,600 To 4,800, Deduct	*-4.34*	
		For >4,800 To 6,000, Deduct	*-7.87*	
		For >6,000, Deduct	*-11.39*	
31 63 36 00-0025	VLF	14" x 14" x 117 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile	79.04	
		For >2,400 To 3,600, Deduct	*-2.38*	
		For >3,600 To 4,800, Deduct	*-4.77*	
		For >4,800 To 6,000, Deduct	*-8.72*	
		For >6,000, Deduct	*-12.67*	

31 63 36 00-0026 Welded Steel Stud Pins *(31 63 36 00-0013)*

Note: Includes welding to steel piles.

31 63 36 00-0027	EA	5/8" Diameter x 2-1/2" Long, Welded Steel Stud Pins	12.83	
		For >50 To 150, Deduct	*-0.58*	
		For >150 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.41*	
31 63 36 00-0028	EA	5/8" Diameter x 5" Long, Welded Steel Stud Pins	14.08	
		For >50 To 150, Deduct	*-0.58*	
		For >150 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.51*	
31 63 36 00-0029	EA	5/8" Diameter x 7" Long, Welded Steel Stud Pins	15.27	
		For >50 To 150, Deduct	*-0.58*	
		For >150 To 250, Deduct	*-1.25*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.60*	
31 63 36 00-0030	EA	3/4" Diameter x 2-1/2" Long, Welded Steel Stud Pins	14.16	
		For >50 To 150, Deduct	*-0.61*	
		For >150 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.59*	
31 63 36 00-0031	EA	3/4" Diameter x 5" Long, Welded Steel Stud Pins	16.04	
		For >50 To 150, Deduct	*-0.61*	
		For >150 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.73*	
31 63 36 00-0032	EA	3/4" Diameter x 7" Long, Welded Steel Stud Pins	17.36	
		For >50 To 150, Deduct	*-0.61*	
		For >150 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 63 36 00-0033	EA	7/8" Diameter x 2-1/2" Long, Welded Steel Stud Pins	15.76	
		For >50 To 150, Deduct	*-0.64*	
		For >150 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.77*	
31 63 36 00-0034	EA	7/8" Diameter x 5" Long, Welded Steel Stud Pins	18.83	
		For >50 To 150, Deduct	*-0.64*	
		For >150 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-2.21*	
		For >500, Deduct	*-3.00*	
31 63 36 00-0035	EA	7/8" Diameter x 7" Long, Welded Steel Stud Pins	20.33	
		For >50 To 150, Deduct	*-0.64*	
		For >150 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-3.11*	

31 63 36 00-0036 Concrete Fill *(31 63 36)*

See CSI section 03 37 16 00-0001 for pumping equipment.

31 63 36 00-0037	VLF	18" Diameter Hole Pumped Concrete Fill For Drilled Pile	41.87	
31 63 36 00-0038	VLF	20" Diameter Hole Pumped Concrete Fill For Drilled Pile	46.51	
31 63 36 00-0039	VLF	22" Diameter Hole Pumped Concrete Fill For Drilled Pile	51.16	
31 63 36 00-0040	VLF	24" Diameter Hole Pumped Concrete Fill For Drilled Pile	55.81	
31 63 36 00-0041	VLF	26" Diameter Hole Pumped Concrete Fill For Drilled Pile	60.46	
31 63 36 00-0042	VLF	28" Diameter Hole Pumped Concrete Fill For Drilled Pile	65.11	
31 63 36 00-0043	VLF	30" Diameter Hole Pumped Concrete Fill For Drilled Pile	76.75	

31 64 Caissons *(31 60)*

31 64 13 Box Caissons *(31 64)*

31 64 13 00-0001 Caisson In Stable Ground No Casing Or Ground Water *(31 64 13)*

Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.

31 64 13 00-0002 Caisson In Stable Ground *(31 64 13 00-0001)*

Note: Includes 3000 PSI concrete and reinforcing.

31 64 13 00-0003	VLF	18" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.066 CY Concrete per VLF, 9 lbs rebar per VLF.	56.50	
		For >50' To 100' Deep, Add	*5.46*	
		For >100' To 150' Deep, Add	*14.13*	
		For >150' To 200' Deep, Add	*18.83*	
		For Right Angle Drilling, Add	*15.07*	
31 64 13 00-0004	VLF	24" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.116 CY Concrete per VLF, 14 lbs rebar per VLF.	70.62	
		For >50' To 100' Deep, Add	*7.46*	
		For >100' To 150' Deep, Add	*17.66*	
		For >150' To 200' Deep, Add	*24.33*	
		For Right Angle Drilling, Add	*16.85*	
31 64 13 00-0005	VLF	30" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.182 CY Concrete per VLF, 23 lbs rebar per VLF.	99.69	
		For >50' To 100' Deep, Add	*10.99*	
		For >100' To 150' Deep, Add	*24.92*	
		For >150' To 200' Deep, Add	*34.92*	
		For Right Angle Drilling, Add	*22.35*	
31 64 13 00-0006	VLF	36" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.262 CY Concrete per VLF, 33 lbs rebar per VLF.	131.61	
		For >50' To 100' Deep, Add	*14.98*	
		For >100' To 150' Deep, Add	*32.90*	
		For >150' To 200' Deep, Add	*46.70*	
		For Right Angle Drilling, Add	*28.03*	
31 64 13 00-0007	VLF	42" Diameter Caisson, No Casing Stable Ground, No Ground Water Note: 0.356 CY Concrete per VLF, 48 lbs rebar per VLF.	168.29	
		For >50' To 100' Deep, Add	*19.86*	
		For >100' To 150' Deep, Add	*42.07*	
		For >150' To 200' Deep, Add	*60.59*	
		For Right Angle Drilling, Add	*33.65*	
31 64 13 00-0008	VLF	48" Diameter Caisson No Casing Stable Ground, No Ground Water Note: 0.465 CY Concrete per VLF, 57 lbs rebar per VLF.	202.04	
		For >50' To 100' Deep, Add	*24.28*	
		For >100' To 150' Deep, Add	*50.51*	
		For >150' To 200' Deep, Add	*73.28*	
		For Right Angle Drilling, Add	*39.05*	
31 64 13 00-0009	VLF	54" Diameter Caisson No Casing Stable Ground, No Ground Water Note: 0.589 CY Concrete per VLF, 76 lbs rebar per VLF.	243.41	
		For >50' To 100' Deep, Add	*30.15*	
		For >100' To 150' Deep, Add	*60.85*	
		For >150' To 200' Deep, Add	*89.41*	
		For Right Angle Drilling, Add	*44.23*	
31 64 13 00-0010	VLF	60" Diameter Caisson No Casing Stable Ground, No Ground Water Note: 0.727 CY Concrete per VLF, 93 lbs rebar per VLF.	285.43	
		For >50' To 100' Deep, Add	*36.11*	
		For >100' To 150' Deep, Add	*71.36*	
		For >150' To 200' Deep, Add	*105.80*	
		For Right Angle Drilling, Add	*49.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0011	VLF	66" Diameter Caisson No Casing Stable Ground, No Ground Water	333.00	
		Note: 0.88 CY Concrete per VLF, 113 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*42.83*	
		For >100' To 150' Deep, Add	*83.25*	
		For >150' To 200' Deep, Add	*124.30*	
		For Right Angle Drilling, Add	*55.54*	
31 64 13 00-0012	VLF	72" Diameter Caisson No Casing Stable Ground, No Ground Water	387.67	
		Note: 1.047 CY Concrete per VLF, 134 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*50.61*	
		For >100' To 150' Deep, Add	*96.92*	
		For >150' To 200' Deep, Add	*145.65*	
		For Right Angle Drilling, Add	*62.32*	
31 64 13 00-0013	VLF	78" Diameter Caisson No Casing Stable Ground, No Ground Water	442.00	
		Note: 1.229 CY Concrete per VLF, 157 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*58.49*	
		For >100' To 150' Deep, Add	*110.50*	
		For >150' To 200' Deep, Add	*167.04*	
		For Right Angle Drilling, Add	*68.60*	
31 64 13 00-0014	VLF	84" Diameter Caisson No Casing Stable Ground, No Ground Water	499.94	
		Note: 1.425 CY Concrete per VLF, 183 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*66.95*	
		For >100' To 150' Deep, Add	*124.99*	
		For >150' To 200' Deep, Add	*189.93*	
		For Right Angle Drilling, Add	*75.12*	

31 64 13 00-0015 For Bell Excavation And Concrete, Add *(31 64 13 00-0001)*

31 64 13 00-0016	EA	Bell Excavation And Concrete, 4' Bell Diameter Stable Ground, 24" Shaft, 0.44 CY	435.34	
		For >50' To 100' Deep, Add	*35.15*	
		For >100' To 150' Deep, Add	*108.84*	
		For >150' To 200' Deep, Add	*136.45*	
31 64 13 00-0017	EA	Bell Excavation And Concrete, 6' Bell Diameter Stable Ground, 30" Shaft, 1.57 CY	1,530.25	
		For >50' To 100' Deep, Add	*123.75*	
		For >100' To 150' Deep, Add	*382.56*	
		For >150' To 200' Deep, Add	*479.86*	
31 64 13 00-0018	EA	Bell Excavation And Concrete, 7' Bell Diameter Stable Ground, 36" Shaft, 2.33 CY	2,312.16	
		For >50' To 100' Deep, Add	*189.83*	
		For >100' To 150' Deep, Add	*578.04*	
		For >150' To 200' Deep, Add	*728.62*	
31 64 13 00-0019	EA	Bell Excavation And Concrete, 8' Bell Diameter Stable Ground, 42" Shaft, 3.30 CY	3,209.09	
		For >50' To 100' Deep, Add	*263.96*	
		For >100' To 150' Deep, Add	*802.27*	
		For >150' To 200' Deep, Add	*1,011.88*	
31 64 13 00-0020	EA	Bell Excavation And Concrete, 9' Bell Diameter Stable Ground, 48" Shaft, 4.48 CY	4,359.91	
		For >50' To 100' Deep, Add	*352.49*	
		For >100' To 150' Deep, Add	*1,089.98*	
		For >150' To 200' Deep, Add	*1,367.09*	
31 64 13 00-0021	EA	Bell Excavation And Concrete, 10' Bell Diameter Stable Ground, 60" Shaft, 5.24 CY	5,126.76	
		For >50' To 100' Deep, Add	*414.31*	
		For >100' To 150' Deep, Add	*1,281.69*	
		For >150' To 200' Deep, Add	*1,607.32*	
31 64 13 00-0022	EA	Bell Excavation And Concrete, 12' Bell Diameter Stable Ground, 72" Shaft, 8.74 CY	8,696.00	
		For >50' To 100' Deep, Add	*701.40*	
		For >100' To 150' Deep, Add	*2,174.00*	
		For >150' To 200' Deep, Add	*2,724.65*	
31 64 13 00-0023	EA	Bell Excavation And Concrete, 14' Bell Diameter Stable Ground, 84" Shaft, 13.6 CY	12,565.16	
		For >50' To 100' Deep, Add	*1,023.35*	
		For >100' To 150' Deep, Add	*3,141.29*	
		For >150' To 200' Deep, Add	*3,949.28*	

31 64 13 00-0024 Caisson In Wet Ground, Casing Pulled *(31 64 13)*

Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.

31 64 13 00-0025 Caisson In Wet Ground *(31 64 13 00-0024)*

Note: Includes 3000 PSI concrete and reinforcing.

31 64 13 00-0026	VLF	18" Diameter Caisson Wet Ground, Casing Pulled	62.71	
		Note: 0.066 CY Concrete per VLF, 9 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*5.89*	
		For >100' To 150' Deep, Add	*15.68*	
		For >150' To 200' Deep, Add	*20.68*	
		For Right Angle Drilling, Add	*17.27*	
31 64 13 00-0027	VLF	24" Diameter Caisson Wet Ground, Casing Pulled	104.79	
		Note: 0.116 CY Concrete per VLF, 14 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*9.85*	
		For >100' To 150' Deep, Add	*26.20*	
		For >150' To 200' Deep, Add	*34.58*	
		For Right Angle Drilling, Add	*28.81*	
31 64 13 00-0028	VLF	30" Diameter Caisson Wet Ground, Casing Pulled	138.17	
		Note: 0.182 CY Concrete per VLF, 23 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*13.68*	
		For >100' To 150' Deep, Add	*34.54*	
		For >150' To 200' Deep, Add	*46.47*	
		For Right Angle Drilling, Add	*35.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0029	VLF	36" Diameter Caisson Wet Ground, Casing Pulled	189.45	
		Note: 0.262 CY Concrete per VLF, 33 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*19.03*	
		For >100' To 150' Deep, Add	*47.36*	
		For >150' To 200' Deep, Add	*64.05*	
		For Right Angle Drilling, Add	*48.28*	
31 64 13 00-0030	VLF	42" Diameter Caisson Wet Ground, Casing Pulled	239.66	
		Note: 0.356 CY Concrete per VLF, 48 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*24.86*	
		For >100' To 150' Deep, Add	*59.92*	
		For >150' To 200' Deep, Add	*82.00*	
		For Right Angle Drilling, Add	*58.63*	
31 64 13 00-0031	VLF	48" Diameter Caisson Wet Ground, Casing Pulled	286.67	
		Note: 0.465 CY Concrete per VLF, 57 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*30.20*	
		For >100' To 150' Deep, Add	*71.67*	
		For >150' To 200' Deep, Add	*98.67*	
		For Right Angle Drilling, Add	*68.67*	
31 64 13 00-0032	VLF	54" Diameter Caisson Wet Ground, Casing Pulled	370.12	
		Note: 0.589 CY Concrete per VLF, 76 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*39.02*	
		For >100' To 150' Deep, Add	*92.53*	
		For >150' To 200' Deep, Add	*127.42*	
		For Right Angle Drilling, Add	*88.58*	
31 64 13 00-0033	VLF	60" Diameter Caisson Wet Ground, Casing Pulled	453.12	
		Note: 0.727 CY Concrete per VLF, 93 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*47.85*	
		For >100' To 150' Deep, Add	*113.28*	
		For >150' To 200' Deep, Add	*156.10*	
		For Right Angle Drilling, Add	*108.17*	
31 64 13 00-0034	VLF	66" Diameter Caisson Wet Ground, Casing Pulled	516.42	
		Note: 0.87 CY Concrete per VLF, 113 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*55.67*	
		For >100' To 150' Deep, Add	*129.11*	
		For >150' To 200' Deep, Add	*179.33*	
		For Right Angle Drilling, Add	*119.74*	
31 64 13 00-0035	VLF	72" Diameter Caisson Wet Ground, Casing Pulled	586.79	
		Note: 1.047 CY Concrete per VLF, 134 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*64.55*	
		For >100' To 150' Deep, Add	*146.70*	
		For >150' To 200' Deep, Add	*205.38*	
		For Right Angle Drilling, Add	*132.01*	
31 64 13 00-0036	VLF	78" Diameter Caisson Wet Ground, Casing Pulled	667.09	
		Note: 1.229 CY Concrete per VLF, 157 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*74.25*	
		For >100' To 150' Deep, Add	*166.77*	
		For >150' To 200' Deep, Add	*234.57*	
		For Right Angle Drilling, Add	*147.38*	
31 64 13 00-0037	VLF	84" Diameter Caisson Wet Ground, Casing Pulled	751.44	
		Note: 1.425 CY Concrete per VLF, 183 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*84.56*	
		For >100' To 150' Deep, Add	*187.86*	
		For >150' To 200' Deep, Add	*265.38*	
		For Right Angle Drilling, Add	*163.14*	

31 64 13 00-0038 For Bell Excavation And Concrete, Add *(31 64 13 00-0024)*

31 64 13 00-0039	EA	Bell Excavation And Concrete, 4' Bell Diameter Wet Ground 24" Shaft, 0.44 CY	502.92	
		For >50' To 100' Deep, Add	*39.88*	
		For >100' To 150' Deep, Add	*125.73*	
		For >150' To 200' Deep, Add	*156.72*	
31 64 13 00-0040	EA	Bell Excavation And Concrete, 6' Bell Diameter Wet Ground, 30" Shaft, 1.57 CY	1,751.77	
		For >50' To 100' Deep, Add	*139.25*	
		For >100' To 150' Deep, Add	*437.94*	
		For >150' To 200' Deep, Add	*546.32*	
31 64 13 00-0041	EA	Bell Excavation And Concrete, 7' Bell Diameter Wet Ground, 36" Shaft, 2.33 CY	2,418.71	
		For >50' To 100' Deep, Add	*179.96*	
		For >100' To 150' Deep, Add	*604.68*	
		For >150' To 200' Deep, Add	*738.93*	
31 64 13 00-0042	EA	Bell Excavation And Concrete, 8' Bell Diameter Wet Ground, 42" Shaft, 3.3 CY	3,846.01	
		For >50' To 100' Deep, Add	*308.55*	
		For >100' To 150' Deep, Add	*961.50*	
		For >150' To 200' Deep, Add	*1,202.96*	
31 64 13 00-0043	EA	Bell Excavation And Concrete, 9' Bell Diameter Wet Ground, 48" Shaft, 4.48 CY	4,991.25	
		For >50' To 100' Deep, Add	*396.68*	
		For >100' To 150' Deep, Add	*1,247.81*	
		For >150' To 200' Deep, Add	*1,556.49*	
31 64 13 00-0044	EA	Bell Excavation And Concrete, 10' Bell Diameter Wet Ground, 60" Shaft, 5.24 CY	5,869.52	
		For >50' To 100' Deep, Add	*466.30*	
		For >100' To 150' Deep, Add	*1,467.38*	
		For >150' To 200' Deep, Add	*1,830.15*	
31 64 13 00-0045	EA	Bell Excavation And Concrete, 12' Bell Diameter Wet Ground, 72" Shaft, 8.74 CY	9,958.69	
		For >50' To 100' Deep, Add	*789.79*	
		For >100' To 150' Deep, Add	*2,489.67*	
		For >150' To 200' Deep, Add	*3,103.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0046	EA	Bell Excavation And Concrete, 14' Bell Diameter Wet Ground, 84" Shaft, 13.6 CY	14,369.00	
		For >50' To 100' Deep, Add	*1,149.62*	
		For >100' To 150' Deep, Add	*3,592.25*	
		For >150' To 200' Deep, Add	*4,490.43*	
31 64 13 00-0047		Caisson In Soft Rock And Medium Hard Shale *(31 64 13)*		
		Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.		
31 64 13 00-0048		Caisson In Soft Rock *(31 64 13 00-0047)*		
		Note: Includes 3000 PSI concrete and reinforcing.		
31 64 13 00-0049	VLF	18" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	243.76	
		Note: 0.066 CY Concrete per VLF, 9 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*18.56*	
		For >100' To 150' Deep, Add	*60.94*	
		For >150' To 200' Deep, Add	*75.00*	
		For Right Angle Drilling, Add	*80.64*	
31 64 13 00-0050	VLF	24" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	406.57	
		Note: 0.116 CY Concrete per VLF, 14 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*30.98*	
		For >100' To 150' Deep, Add	*101.64*	
		For >150' To 200' Deep, Add	*125.12*	
		For Right Angle Drilling, Add	*134.44*	
31 64 13 00-0051	VLF	30" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	612.78	
		Note: 0.182 CY Concrete per VLF, 23 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*46.91*	
		For >100' To 150' Deep, Add	*153.20*	
		For >150' To 200' Deep, Add	*188.85*	
		For Right Angle Drilling, Add	*201.93*	
31 64 13 00-0052	VLF	36" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	782.80	
		Note: 0.262 CY Concrete per VLF, 33 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*60.57*	
		For >100' To 150' Deep, Add	*195.70*	
		For >150' To 200' Deep, Add	*242.05*	
		For Right Angle Drilling, Add	*255.95*	
31 64 13 00-0053	VLF	42" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,008.51	
		Note: 0.356 CY Concrete per VLF, 48 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*78.67*	
		For >100' To 150' Deep, Add	*252.13*	
		For >150' To 200' Deep, Add	*312.65*	
		For Right Angle Drilling, Add	*327.73*	
31 64 13 00-0054	VLF	48" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,215.69	
		Note: 0.465 CY Concrete per VLF, 57 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*95.23*	
		For >100' To 150' Deep, Add	*303.92*	
		For >150' To 200' Deep, Add	*377.37*	
		For Right Angle Drilling, Add	*393.82*	
31 64 13 00-0055	VLF	54" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,486.63	
		Note: 0.589 CY Concrete per VLF, 76 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*117.17*	
		For >100' To 150' Deep, Add	*371.66*	
		For >150' To 200' Deep, Add	*462.38*	
		For Right Angle Drilling, Add	*479.36*	
31 64 13 00-0056	VLF	60" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,757.39	
		Note: 0.727 CY Concrete per VLF, 93 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*139.15*	
		For >100' To 150' Deep, Add	*439.35*	
		For >150' To 200' Deep, Add	*547.39*	
		For Right Angle Drilling, Add	*564.67*	
31 64 13 00-0057	VLF	66" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	1,929.82	
		Note: 0.88 CY Concrete per VLF, 113 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*154.61*	
		For >100' To 150' Deep, Add	*482.46*	
		For >150' To 200' Deep, Add	*603.35*	
		For Right Angle Drilling, Add	*614.43*	
31 64 13 00-0058	VLF	72" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	2,108.49	
		Note: 1.047 CY Concrete per VLF, 134 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*171.07*	
		For >100' To 150' Deep, Add	*527.12*	
		For >150' To 200' Deep, Add	*661.89*	
		For Right Angle Drilling, Add	*664.61*	
31 64 13 00-0059	VLF	78" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	2,159.45	
		Note: 1.229 CY Concrete per VLF, 157 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*178.71*	
		For >100' To 150' Deep, Add	*539.86*	
		For >150' To 200' Deep, Add	*682.28*	
		For Right Angle Drilling, Add	*669.71*	
31 64 13 00-0060	VLF	84" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water	2,578.86	
		Note: 1.425 CY Concrete per VLF, 183 lbs rebar per VLF.		
		For >50' To 100' Deep, Add	*212.48*	
		For >100' To 150' Deep, Add	*644.72*	
		For >150' To 200' Deep, Add	*813.60*	
		For Right Angle Drilling, Add	*802.74*	
31 64 13 00-0061		For Bell Excavation And Concrete, Add *(31 64 13 00-0047)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0062	EA	Bell Excavation And Concrete, 4' Bell Diameter Soft Rock/Shale 24" Shaft 0.44 CY	865.82	
		For >50' To 100' Deep, Add	*65.29*	
		For >100' To 150' Deep, Add	*216.46*	
		For >150' To 200' Deep, Add	*265.59*	
31 64 13 00-0063	EA	Bell Excavation And Concrete, 6' Bell Diameter Soft Rock/Shale 30" Shaft 1.57 CY	3,046.65	
		For >50' To 100' Deep, Add	*229.90*	
		For >100' To 150' Deep, Add	*761.66*	
		For >150' To 200' Deep, Add	*934.78*	
31 64 13 00-0064	EA	Bell Excavation And Concrete, 7' Bell Diameter Soft Rock/Shale 36" Shaft 2.33 CY	4,562.67	
		For >50' To 100' Deep, Add	*347.36*	
		For >100' To 150' Deep, Add	*1,140.67*	
		For >150' To 200' Deep, Add	*1,403.77*	
31 64 13 00-0065	EA	Bell Excavation And Concrete, 8' Bell Diameter Soft Rock/Shale 42" Shaft 3.3 CY	6,496.64	
		For >50' To 100' Deep, Add	*494.09*	
		For >100' To 150' Deep, Add	*1,624.16*	
		For >150' To 200' Deep, Add	*1,998.15*	
31 64 13 00-0066	EA	Bell Excavation And Concrete, 9' Bell Diameter Soft Rock/Shale 48" Shaft 4.48 CY	8,591.33	
		For >50' To 100' Deep, Add	*648.69*	
		For >100' To 150' Deep, Add	*2,147.83*	
		For >150' To 200' Deep, Add	*2,636.52*	
31 64 13 00-0067	EA	Bell Excavation And Concrete, 10" Bell Diameter Soft Rock/Shale 60" Shaft 5.24 CY	10,470.92	
		For >50' To 100' Deep, Add	*788.40*	
		For >100' To 150' Deep, Add	*2,617.73*	
		For >150' To 200' Deep, Add	*3,210.57*	
31 64 13 00-0068	EA	Bell Excavation And Concrete, 12' Bell Diameter Soft Rock/Shale 72" Shaft 8.74 CY	15,825.47	
		For >50' To 100' Deep, Add	*1,200.46*	
		For >100' To 150' Deep, Add	*3,956.37*	
		For >150' To 200' Deep, Add	*4,863.49*	
31 64 13 00-0069	EA	Bell Excavation And Concrete, 14' Bell Diameter Soft Rock/Shale 84" Shaft 13.6 CY	23,797.75	
		For >50' To 100' Deep, Add	*1,809.63*	
		For >100' To 150' Deep, Add	*5,949.44*	
		For >150' To 200' Deep, Add	*7,319.06*	

31 64 13 00-0070 Caisson Setup And Removal *(31 64 13)*

Note: Includes mobilization of equipment, erection, dismantling of equipment, move off of site.

31 64 13 00-0071	EA	Erect, Set Up, Dismantle And Removal Of Caisson 18" To 36" Diameter, Complete	3,616.59
31 64 13 00-0072	EA	Erect, Set Up, Dismantle And Removal Of Caisson 48" To 84" Diameter, Complete	5,086.58
31 64 13 00-0073	EA	Dismantle, Relocate, Erect And Set Up On Site At Different Location (During Same Phase Of Work), Caisson 18" To 36" Diameter	1,709.13
31 64 13 00-0074	EA	Dismantle, Relocate, Erect And Set Up On Site At Different Location (During Same Phase Of Work), Caisson 48" To 84" Diameter	2,278.84
31 64 13 00-0075	EA	Relocate Caisson Equipment To Different Hole On-Site Without Dismantling	142.43

31 66 Special Foundation *(31 60)*

31 66 15 Helical Foundation Piles *(31 66)*

31 66 15 00-0001 Helical Pier Restoration (Atlas) *(31 66 15)*

31 66 15 00-0002	EA	Structural Steel Piers (Atlas Pier System Or Equal) Note: Includes heavy duty bracket, pier platform, and 14' of 3.5" diameter pier sections, non-corrosive coating, hydraulic lifting, fasteners, and other related activities and materials. Excludes excavation and core drilling	5,066.64
31 66 15 00-0003	EA	Pressure Injecting Grout For Slab Repairs, Per Location Note: Includes preparation, installing and removing grout injection pipes, and finishing. Excludes grout and core drilling.	556.80
31 66 15 00-0004	CY	Pressure Injected Non-Shrink Grout	556.80

31 68 Foundation Anchors *(31 60)*

31 68 13 Rock Foundation Anchors *(31 68)*

31 68 13 00-0001 Materials And Placement *(31 68 13)*

31 68 13 00-0002 Hollow Core Prestressable Anchor, ASTM A615 *(31 68 13 00-0001)*

Note: Pricing includes only material and labor to install anchors. See CSI section 31 68 13 00-0091 for head assembly, 31 68 13 00-0118 for steel plates and washers, 31 68 13 00-0154 for drilling operation, 31 68 13 00-0176 for tools, 31 68 13 00-0198 for grouting, 31 68 13 00-0207 for rock bolt testing.

31 68 13 00-0003 3/4" Diameter *(31 68 13 00-0002)*

31 68 13 00-0004	EA	3/4" Rock Bolt, 5' Hollow Core Prestressable Anchor	195.75
31 68 13 00-0005	EA	3/4" Rock Bolt, 10' Hollow Core Prestressable Anchor	282.68
31 68 13 00-0006	EA	3/4" Rock Bolt, 15' Hollow Core Prestressable Anchor	348.76
31 68 13 00-0007	EA	3/4" Rock Bolt, 20' Hollow Core Prestressable Anchor	456.52

31 68 13 00-0008 1" Diameter *(31 68 13 00-0002)*

31 68 13 00-0009	EA	1" Rock Bolt, 5' Hollow Core Prestressable Anchor	250.98
31 68 13 00-0010	EA	1" Rock Bolt, 10' Hollow Core Prestressable Anchor	388.88
31 68 13 00-0011	EA	1" Rock Bolt, 15' Hollow Core Prestressable Anchor	505.95
31 68 13 00-0012	EA	1" Rock Bolt, 20' Hollow Core Prestressable Anchor	664.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 68 13 00-0013		**1-3/8" Diameter** *(31 68 13 00-0002)*		
31 68 13 00-0014	EA	1-3/8" Rock Bolt, 5' Hollow Core Prestressable Anchor	421.30	
31 68 13 00-0015	EA	1-3/8" Rock Bolt, 10' Hollow Core Prestressable Anchor	656.86	
31 68 13 00-0016	EA	1-3/8" Rock Bolt, 15' Hollow Core Prestressable Anchor	871.62	
31 68 13 00-0017	EA	1-3/8" Rock Bolt, 20' Hollow Core Prestressable Anchor	1,128.01	
31 68 13 00-0018		**2" Diameter** *(31 68 13 00-0002)*		
31 68 13 00-0019	EA	2" Rock Bolt, 5' Hollow Core Prestressable Anchor	939.27	
31 68 13 00-0020	EA	2" Rock Bolt, 10' Hollow Core Prestressable Anchor	1,397.90	
31 68 13 00-0021	EA	2" Rock Bolt, 15' Hollow Core Prestressable Anchor	1,835.63	
31 68 13 00-0022	EA	2" Rock Bolt, 20' Hollow Core Prestressable Anchor	2,315.10	
31 68 13 00-0023		**Super High-Tensile Anchors, ASTM A-108** *(31 68 13 00-0001)*		
		Note: Pricing includes only material and labor to install anchors. See CSI section 31 68 13 00-0091 for head assembly, 31 68 13 00-0118 for steel plates and washers, 31 68 13 00-0154 for drilling operation, 31 68 13 00-0176 for tools, 31 68 13 00-0198 for grouting, 31 68 13 00-0207 for rock bolt testing.		
31 68 13 00-0024		**3/4" Diameter** *(31 68 13 00-0023)*		
31 68 13 00-0025	EA	3/4" Rock Bolt, 5' Super High-Tensile Anchor	139.86	
31 68 13 00-0026	EA	3/4" Rock Bolt, 10' Super High-Tensile Anchor	186.60	
31 68 13 00-0027	EA	3/4" Rock Bolt, 15' Super High-Tensile Anchor	212.40	
31 68 13 00-0028	EA	3/4" Rock Bolt, 20' Super High-Tensile Anchor	278.02	
31 68 13 00-0029		**1" Diameter** *(31 68 13 00-0023)*		
31 68 13 00-0030	EA	1" Rock Bolt, 5' Super High-Tensile Anchor	168.53	
31 68 13 00-0031	EA	1" Rock Bolt, 10' Super High-Tensile Anchor	234.90	
31 68 13 00-0032	EA	1" Rock Bolt, 15' Super High-Tensile Anchor	278.12	
31 68 13 00-0033	EA	1" Rock Bolt, 20' Super High-Tensile Anchor	363.01	
31 68 13 00-0034		**1-1/4" Diameter** *(31 68 13 00-0023)*		
31 68 13 00-0035	EA	1-1/4" Rock Bolt, 5' Super High-Tensile Anchor	252.73	
31 68 13 00-0036	EA	1-1/4" Rock Bolt, 10' Super High-Tensile Anchor	355.59	
31 68 13 00-0037	EA	1-1/4" Rock Bolt, 15' Super High-Tensile Anchor	437.09	
31 68 13 00-0038	EA	1-1/4" Rock Bolt, 20' Super High-Tensile Anchor	556.85	
31 68 13 00-0039		**2" Diameter** *(31 68 13 00-0023)*		
31 68 13 00-0040	EA	2" Rock Bolt, 5' Super High-Tensile Anchor	681.32	
31 68 13 00-0041	EA	2" Rock Bolt, 10' Super High-Tensile Anchor	969.48	
31 68 13 00-0042	EA	2" Rock Bolt, 15' Super High-Tensile Anchor	1,186.84	
31 68 13 00-0043	EA	2" Rock Bolt, 20' Super High-Tensile Anchor	1,459.04	
31 68 13 00-0044		**Solid Rebar Anchors, ASTM A615** *(31 68 13 00-0001)*		
		Note: Pricing includes only material and labor to install anchors. See CSI section 31 68 13 00-0091 for head assembly, 31 68 13 00-0118 for steel plates and washers, 31 68 13 00-0154 for drilling operation, 31 68 13 00-0176 for tools, 31 68 13 00-0198 for grouting, 31 68 13 00-0207 for rock bolt testing.		
31 68 13 00-0045		**3/4" Diameter** *(31 68 13 00-0044)*		
31 68 13 00-0046	EA	3/4" Rock Bolt, 5' Solid Rebar Anchor	130.65	
31 68 13 00-0047	EA	3/4" Rock Bolt, 10' Solid Rebar Anchor	167.13	
31 68 13 00-0048	EA	3/4" Rock Bolt, 15' Solid Rebar Anchor	182.74	
31 68 13 00-0049	EA	3/4" Rock Bolt, 20' Solid Rebar Anchor	240.05	
31 68 13 00-0050		**1" Diameter** *(31 68 13 00-0044)*		
31 68 13 00-0051	EA	1" Rock Bolt, 5' Solid Rebar Anchor	148.37	
31 68 13 00-0052	EA	1" Rock Bolt, 10' Solid Rebar Anchor	196.43	
31 68 13 00-0053	EA	1" Rock Bolt, 15' Solid Rebar Anchor	223.68	
31 68 13 00-0054	EA	1" Rock Bolt, 20' Solid Rebar Anchor	292.54	
31 68 13 00-0055		**1-1/4" Diameter** *(31 68 13 00-0044)*		
31 68 13 00-0056	EA	1-1/4" Rock Bolt, 5' Solid Rebar Anchor	219.24	
31 68 13 00-0057	EA	1-1/4" Rock Bolt, 10' Solid Rebar Anchor	282.61	
31 68 13 00-0058	EA	1-1/4" Rock Bolt, 15' Solid Rebar Anchor	325.24	
31 68 13 00-0059	EA	1-1/4" Rock Bolt, 20' Solid Rebar Anchor	409.50	
31 68 13 00-0060		**Resin Anchoring With Grade 60 Rebar** *(31 68 13 00-0001)*		
		Note: Pricing includes only material and labor to install anchors.. See CSI section 31 68 13 00-0081 for rebar collars, 31 68 13 00-0083 for resin cartridges, 31 68 13 00-0118 for steel plates and washers, 31 68 13 00-0154 for drilling operation, 31 68 13 00-0176 for tools, 31 68 13 00-0207 for rock bolt testing.		
31 68 13 00-0061		**Rebar #6** *(31 68 13 00-0060)*		
31 68 13 00-0062	EA	#6 Rebar Rock Anchor, 5' Resin Anchor With Grade 60 Rebar	68.46	
31 68 13 00-0063	EA	#6 Rebar Rock Anchor, 10' Resin Anchor With Grade 60 Rebar	95.24	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 68 13 00-0064	EA	#6 Rebar Rock Anchor, 15' Resin Anchor With Grade 60 Rebar	101.18	
31 68 13 00-0065	EA	#6 Rebar Rock Bolt, 20' Resin Anchor With Grade 60 Rebar	136.91	
31 68 13 00-0066		**Rebar #8** *(31 68 13 00-0060)*		
31 68 13 00-0067	EA	#8 Rebar Rock Bolt, 5' Resin Anchor With Grade 60 Rebar	73.08	
31 68 13 00-0068	EA	#8 Rebar Rock Bolt, 10' Resin Anchor With Grade 60 Rebar	104.48	
31 68 13 00-0069	EA	#8 Rebar Rock Bolt, 15' Resin Anchor With Grade 60 Rebar	115.03	
31 68 13 00-0070	EA	#8 Rebar Rock Bolt, 20' Resin Anchor With Grade 60 Rebar	167.26	
31 68 13 00-0071		**Rebar #10** *(31 68 13 00-0060)*		
31 68 13 00-0072	EA	#10 Rebar Rock Bolt, 5' Resin Anchor With Grade 60 Rebar	79.68	
31 68 13 00-0073	EA	#10 Rebar Rock Bolt, 10' Resin Anchor With Grade 60 Rebar	117.67	
31 68 13 00-0074	EA	#10 Rebar Rock Bolt, 15' Resin Anchor With Grade 60 Rebar	134.83	
31 68 13 00-0075	EA	#10 Rebar Rock Bolt, 20' Resin Anchor With Grade 60 Rebar	193.66	
31 68 13 00-0076		**Rebar #14** *(31 68 13 00-0060)*		
31 68 13 00-0077	EA	#14 Rebar Rock Bolt, 5' Resin Anchor With Grade 60 Rebar	95.51	
31 68 13 00-0078	EA	#14 Rebar Rock Bolt, 10' Resin Anchor With Grade 60 Rebar	149.35	
31 68 13 00-0079	EA	#14 Rebar Rock Bolt, 15' Resin Anchor With Grade 60 Rebar	182.34	
31 68 13 00-0080	EA	#14 Rebar Rock Bolt, 20' Resin Anchor With Grade 60 Rebar	257.01	
31 68 13 00-0081		**Plastic Rebar Collars, Sizes #6-#14** *(31 68 13 00-0060)*		
31 68 13 00-0082	EA	Plastic Rebar Collars For Rebar #4 To #14	2.36	
31 68 13 00-0083		**12" Long Resin Cartridges** *(31 68 13 00-0001)*		
31 68 13 00-0084	EA	7/8" Resin Cartridge 12" Long	1.98	
31 68 13 00-0085	EA	1" Resin Cartridge 12" Long	2.71	
31 68 13 00-0086	EA	1-1/16" Resin Cartridge 12" Long	2.91	
31 68 13 00-0087	EA	1-1/4" Resin Cartridge 12" Long	3.14	
31 68 13 00-0088	EA	1-3/8" Resin Cartridge 12" Long	3.60	
31 68 13 00-0089	EA	1-9/16" Resin Cartridge 12" Long	4.51	
31 68 13 00-0090	EA	1-3/4" Resin Cartridge 12" Long	6.20	
31 68 13 00-0091		**Head Assembly** *(31 68 13 00-0001)*		
31 68 13 00-0092		**3/4" Rod Diameter** *(31 68 13 00-0091)*		
31 68 13 00-0093	EA	3/4" Rod Head Assembly 1-5/8" Short Cone and Shell	28.87	
31 68 13 00-0094	EA	3/4" Rod Head Assembly 1-3/4" Short Cone and Shell	24.32	
31 68 13 00-0095	EA	3/4" Rod Head Assembly 1-7/8" Short Cone and Shell	25.50	
31 68 13 00-0096	EA	3/4" Rod Head Assembly 1-3/4" Long Cone and Shell	45.80	
31 68 13 00-0097	EA	3/4" Rod Head Assembly 1-7/8" Long Cone and Shell	45.80	
31 68 13 00-0098	EA	3/4" Rod Head Assembly 1-3/4" Long Cone and Shell	43.39	
31 68 13 00-0099		**1" Rod Diameter** *(31 68 13 00-0091)*		
31 68 13 00-0100	EA	1" Rod Head Assembly 1-5/8" Short Cone and Shell	31.11	
31 68 13 00-0101	EA	1" Rod Head Assembly 1-3/4" Short Cone and Shell	26.63	
31 68 13 00-0102	EA	1" Rod Head Assembly 1-7/8" Short Cone and Shell	27.81	
31 68 13 00-0103	EA	1" Rod Head Assembly 1-3/4" Long Cone and Shell	48.17	
31 68 13 00-0104	EA	1" Rod Head Assembly 1-7/8" Long Cone and Shell	48.17	
31 68 13 00-0105	EA	1" Rod Head Assembly 1-3/4" Long Cone and Shell	45.93	
31 68 13 00-0106		**1-1/4" Rod Diameter** *(31 68 13 00-0091)*		
31 68 13 00-0107	EA	1-1/4" Rod Head Assembly 2" Short Cone and Shell	69.42	
31 68 13 00-0108	EA	1-1/4" Rod Head Assembly 2-1/4" Short Cone and Shell	81.10	
31 68 13 00-0109	EA	1-1/4" Rod Head Assembly 2-1/2" Short Cone and Shell	82.25	
31 68 13 00-0110	EA	1-1/4" Rod Head Assembly 2-1/4" Long Cone and Shell	72.95	
31 68 13 00-0111	EA	1-1/4" Rod Head Assembly 2-1/2" Long Cone and Shell	85.06	
31 68 13 00-0112		**1-7/8" Rod Diameter** *(31 68 13 00-0091)*		
31 68 13 00-0113	EA	1-7/8" Rod Head Assembly 3-1/2" Long Cone/Shell/Fl	273.22	
31 68 13 00-0114	EA	1/7/8" Rod Head Assembly 3" Long Cone and Shell	188.36	
31 68 13 00-0115		**2" Rod Diameter** *(31 68 13 00-0091)*		
31 68 13 00-0116	EA	2" Rod Head Assembly 3-1/2" Long Cone/Shell/Fl	273.22	
31 68 13 00-0117	EA	2" Rod Head Assembly 3" Long Cone and Shell	188.36	
31 68 13 00-0118		**Steel Plates With Standard Hole And Washers** *(31 68 13 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 68 13 00-0119		**Steel Plates** *(31 68 13 00-0118)*		
31 68 13 00-0120	EA	1/4" x 4" x 4" Steel Plate For Rock Bolt With Washer	3.67	
31 68 13 00-0121	EA	1/4" x 6" x 6" Steel Plate For Rock Bolt With Washer	6.78	
31 68 13 00-0122	EA	3/8" x 6" x 6" Steel Plate For Rock Bolt With Washer	9.44	
31 68 13 00-0123	EA	3/8" x 8" x 8" Steel Plate For Rock Bolt With Washer	16.56	
31 68 13 00-0124	EA	1/2" x 5" x 5" Steel Plate For Rock Bolt With Washer	6.43	
31 68 13 00-0125	EA	1/2" x 8" x 8" Steel Plate For Rock Bolt With Washer	16.89	
31 68 13 00-0126	EA	3/4" x 7" x 7" Steel Plate For Rock Bolt With Washer	28.03	
31 68 13 00-0127	EA	3/4" x 8" x 8" Steel Plate For Rock Bolt With Washer	39.71	
31 68 13 00-0128	EA	1" x 4" x 7" Steel Plate For Rock Bolt With Washer	23.83	
31 68 13 00-0129	EA	1" x 9" x 9" Steel Plate For Rock Bolt With Washer	67.43	
31 68 13 00-0130	EA	1" x 12" x 12" Steel Plate For Rock Bolt With Washer	99.37	
31 68 13 00-0131	EA	1-1/4" x 5" x 8" Steel Plate For Rock Bolt With Washer	43.62	
31 68 13 00-0132	EA	1-1/4" x 11" x 11" Steel Plate For Rock Bolt With Washer	117.97	
31 68 13 00-0133	EA	1-1/2" x 5" x 10" Steel Plate For Rock Bolt With Washer	59.00	
31 68 13 00-0134	EA	1-1/2" x 12" x 12" Steel Plate For Rock Bolt With Washer	141.90	
31 68 13 00-0135	EA	1-3/4" x 5" x 10" Steel Plate For Rock Bolt With Washer	65.12	
31 68 13 00-0136	EA	1-3/4" x 12" x 12" Steel Plate For Rock Bolt With Washer	157.38	
31 68 13 00-0137		**Hardened Washers** *(31 68 13 00-0118)*		
31 68 13 00-0138	EA	Hardened Washer For 3/4" Diameter Rock Bolt	0.96	
31 68 13 00-0139	EA	Hardened Washer For 1" Diameter Rock Bolt	1.32	
31 68 13 00-0140	EA	Hardened Washer For 1-1/4" Diameter Rock Bolt	3.70	
31 68 13 00-0141	EA	Hardened Washer For 2" Diameter Rock Bolt	9.21	
31 68 13 00-0142		**Beveled Washers** *(31 68 13 00-0118)*		
31 68 13 00-0143	EA	Beveled Washer For 3/4" Diameter Rock Bolt	2.41	
31 68 13 00-0144	EA	Beveled Washer For 7/8" To 1-1/8" Diameter Rock Bolt	2.38	
31 68 13 00-0145	EA	Beveled Wash For 1-1/4" To 1-3/8" Diameter Rock Bolt	3.60	
31 68 13 00-0146	EA	Beveled Washer For 1-1/2" Diameter Rock Bolt	15.38	
31 68 13 00-0147	EA	Beveled Washer For 2" Diameter Rock Bolt	10.62	
31 68 13 00-0148		**Hex Nuts** *(31 68 13 00-0118)*		
31 68 13 00-0149	EA	Hex Nut For 3/4" Diameter Rock Bolt	1.88	
31 68 13 00-0150	EA	Hex Nut For 1" Diameter Rock Bolt	3.07	
31 68 13 00-0151	EA	Hex Nut For 1-1/4" Diameter Rock Bolt	12.57	
31 68 13 00-0152	EA	Hex Nut For 1-1/2" Diameter Rock Bolt	7.92	
31 68 13 00-0153	EA	Hex Nut For 2" Diameter Rock Bolt	50.51	
31 68 13 00-0154		**Drilling Operation For Rockbolts** *(31 68 13)*		
31 68 13 00-0155		**Drill Holes For Rock Bolts** *(31 68 13 00-0154)*		
31 68 13 00-0156		**3/4" Diameter Bolt, 1-3/4" Hole** *(31 68 13 00-0155)*		
31 68 13 00-0157	EA	Drill 1-3/4" Diameter Hole x 5' Long For 3/4" Diameter Rock Bolts	187.94	
31 68 13 00-0158	EA	Drill 1-3/4" Diameter Hole x 10' Long For 3/4" Diameter Rock Bolts	355.00	
31 68 13 00-0159	EA	Drill 1-3/4" Diameter Hole x 15' Long For 3/4" Diameter Rock Bolts	532.51	
31 68 13 00-0160	EA	Drill 1-3/4" Diameter Hole x 20' Long For 3/4" Diameter Rock Bolts	639.01	
31 68 13 00-0161		**1" Diameter Bolt, 2" Hole** *(31 68 13 00-0155)*		
31 68 13 00-0162	EA	Drill 2" Diameter Hole x 5' Long For 1" Diameter Rock Bolt	245.78	
31 68 13 00-0163	EA	Drill 2" Diameter Hole x 10' Long For 1" Diameter Rock Bolt	456.44	
31 68 13 00-0164	EA	Drill 2" Diameter Hole x 15' Long For 1" Diameter Rock Bolt	639.01	
31 68 13 00-0165	EA	Drill 2" Diameter Hole x 20' Long For 1" Diameter Rock Bolt	798.77	
31 68 13 00-0166		**1-1/4" Diameter Bolt, 2-1/4" Hole** *(31 68 13 00-0155)*		
31 68 13 00-0167	EA	Drill 2-1/4" Diameter Hole x 5' Long For 1-1/4" Diameter Rock Bolt	266.26	
31 68 13 00-0168	EA	Drill 2-1/4" Diameter Hole x 10' Long For 1-1/4" Diameter Rock Bolt	532.51	
31 68 13 00-0169	EA	Drill 2-1/4" Diameter Hole x 15' long For 1-1/4" Diameter Rock Bolt	798.77	
31 68 13 00-0170	EA	Drill 2-1/4" Diameter Hole x 20' Long For 1-1/4" Diameter Rock Bolt	1,065.02	
31 68 13 00-0171		**2" Diameter Bolt, 3-1/2" Hole** *(31 68 13 00-0155)*		
31 68 13 00-0172	EA	Drill 3-1/2" Diameter Hole x 5 Long For 2" Diameter Rock Bolt	319.50	
31 68 13 00-0173	EA	Drill 3-1/2" Diameter Hole x 10' Long For 2" Diameter Rock Bolt	639.01	
31 68 13 00-0174	EA	Drill 3-1/2" Diameter Hole x 15' Long For 2" Diameter Rock Bolts	1,065.02	
31 68 13 00-0175	EA	Drill 3-1/2" Diameter Hole x 20' Long For 2" Diameter Rock Bolt	1,597.53	
31 68 13 00-0176		**Tools** *(31 68 13)*		
31 68 13 00-0177		**Hydraulic Jacks, Monthly Rental** *(31 68 13 00-0176)*		
31 68 13 00-0178	EA	1/2" To 1", 30 Ton Hydraulic Jack For Rock Bolt, 2" Stroke	700.08	
31 68 13 00-0179	EA	1-1/8" To 1-3/8", 60 Ton Hydraulic Jack For Rock Bolt, 3" Stroke	1,031.70	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 68 13 00-0180	EA	1-1/8" To 1-3/8", 60 Ton Hydraulic Jack For Rock Bolt, 10" Stroke	1,730.79	
31 68 13 00-0181	EA	1-7/8" To 2", 100 Ton Hydraulic Jack For Rock Bolt, 10" Stroke	2,591.21	
31 68 13 00-0182	EA	1-7/8" To 2", 150 Ton Hydraulic Jack For Rock Bolt, 12" Stroke	3,873.39	
31 68 13 00-0183		Torque Wrenches And Ratchet Adapter, Monthly Rental *(31 68 13 00-0176)*		
31 68 13 00-0184		0-500 Foot Pounds (0-678J) *(31 68 13 00-0183)*		
31 68 13 00-0185	EA	1/2" To 1" Bolt Diameter Torque Wrench 0 To 500 Foot Pounds, Monthly Rental	244.98	
31 68 13 00-0186	EA	Torque Wrench Ratchet Adapter Monthly Rental, 0 To 500 Foot Pounds	153.56	
31 68 13 00-0187	EA	Torque Wrench With Adapter 0 To 500 Foot Pounds, Monthly Rental	398.84	
31 68 13 00-0188		0-600 Foot Pounds (0-814J) *(31 68 13 00-0183)*		
31 68 13 00-0189	EA	0 To 600 Foot Pounds Torque Wrench Self-Ratcheting, Monthly Rental	278.14	
31 68 13 00-0190		Up To 1,000 Foot Pounds (0-1356J) *(31 68 13 00-0183)*		
31 68 13 00-0191	EA	1-1/8" To 2" Bolt Diameter Torque Wrench 0 To 1,000 Foot Pounds, Monthly Rental	534.18	
31 68 13 00-0192	EA	Torque Wrench Ratchet Adapter 0 To 1,000 Foot Pounds, Monthly Rental	131.75	
31 68 13 00-0193	EA	Torque Wrench With Ratchet 0 To 1,000 Foot Pounds, Monthly Rental	665.93	
31 68 13 00-0194		Torque Multiplier, 4:1 Multiplier *(31 68 13 00-0176)*		
31 68 13 00-0195	EA	Torque Multiplier, 4 To 1 Ratio	684.15	
31 68 13 00-0196		Pneumatic Drive Torque Wrench *(31 68 13 00-0176)*		
31 68 13 00-0197	EA	Pneumatic Drive Torque Wrench 250 To 900 Foot Pounds (339J - 1220J)	1,463.91	
31 68 13 00-0198		Grouting *(31 68 13)*		
31 68 13 00-0199		Grouting With Pumps *(31 68 13 00-0198)*		
		Note: Grout material and labor only.		
31 68 13 00-0200	GAL	Rock Bolt Grouting, Hand Pump 1 To 2 GPM Delivery	20.25	
31 68 13 00-0201	GAL	Rock Bolt Grouting, Air Pump 3 To 4 GPM Continuous Delivery	30.44	
31 68 13 00-0202	GAL	Rock Bolt Grout, Air/Piston Pump 2 To 4 GPM Delivery	28.25	
31 68 13 00-0203		Grout Pumps, Monthly Rental *(31 68 13 00-0198)*		
31 68 13 00-0204	EA	Hand Grout Pump, Monthly Rental	144.00	
31 68 13 00-0205	EA	Air Powered Programmable Feed Grout Pump Monthly Rental	1,211.41	
31 68 13 00-0206	EA	Air Powered, Piston Drive Grout Pump Monthly Rental	2,115.01	
31 68 13 00-0207		Rock Bolt Testing *(31 68 13)*		
31 68 13 00-0208	EA	Rock Bolt Test, Low To Medium Capacity LF >100 Bolts Need Testing	577.96	

END OF SECTION 31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 Exterior Improvements

32 01 Operation and Maintenance of Exterior Improvements *(32)*

32 01 11 Paving Cleaning *(32 01)*

32 01 11 53 Paint Removal from Paving *(32 01 11)*

32 01 11 53-0001 Remove Pavement Markings *(32 01 11 53)*

Note: Includes stripe removal by grinding, vacuuming of removed striped area and containment of debris.

32 01 11 53-0002	LF	Removal Of 4" Wide Painted Or Epoxy Pavement Striping	2.23	
		For Up To 250, Add	*1.12*	
		For >250 To 1,000, Add	*0.56*	
		For >5,000 To 10,000, Deduct	*-0.33*	
		For >10,000 To 25,000, Deduct	*-0.56*	
		For >25,000 To 50,000, Deduct	*-0.78*	
		For >50,000, Deduct	*-0.89*	
32 01 11 53-0003	LF	Removal Of 6" Wide Painted Or Epoxy Pavement Striping	2.67	
		For Up To 250, Add	*1.34*	
		For >250 To 1,000, Add	*0.67*	
		For >5,000 To 10,000, Deduct	*-0.40*	
		For >10,000 To 25,000, Deduct	*-0.67*	
		For >25,000 To 50,000, Deduct	*-0.93*	
		For >50,000, Deduct	*-1.07*	
32 01 11 53-0004	LF	Removal Of 8" Wide Painted Or Epoxy Pavement Striping	3.20	
		For Up To 250, Add	*1.60*	
		For >250 To 1,000, Add	*0.80*	
		For >5,000 To 10,000, Deduct	*-0.48*	
		For >10,000 To 25,000, Deduct	*-0.80*	
		For >25,000 To 50,000, Deduct	*-1.12*	
		For >50,000, Deduct	*-1.28*	
32 01 11 53-0005	LF	Removal Of 12" Wide Painted Or Epoxy Pavement Striping	3.84	
		For Up To 250, Add	*1.92*	
		For >250 To 1,000, Add	*0.96*	
		For >5,000 To 10,000, Deduct	*-0.58*	
		For >10,000 To 25,000, Deduct	*-0.96*	
		For >25,000 To 50,000, Deduct	*-1.34*	
		For >50,000, Deduct	*-1.54*	
32 01 11 53-0006	LF	Remove Paint From Curb	7.32	
32 01 11 53-0007	SF	Removal Of Painted Or Epoxy Pavement Marking, Letters Or Symbols	3.84	
		For Up To 250, Add	*1.92*	
		For >250 To 1,000, Add	*0.96*	
		For >5,000 To 10,000, Deduct	*-0.58*	
		For >10,000 To 25,000, Deduct	*-0.96*	
		For >25,000 To 50,000, Deduct	*-1.34*	
		For >50,000, Deduct	*-1.54*	
32 01 11 53-0008	LF	Removal Of 4" Wide Thermoplastic Pavement Striping	2.86	
		For Up To 250, Add	*1.43*	
		For >250 To 1,000, Add	*0.72*	
		For >5,000 To 10,000, Deduct	*-0.43*	
		For >10,000 To 25,000, Deduct	*-0.72*	
		For >25,000 To 50,000, Deduct	*-1.00*	
		For >50,000, Deduct	*-1.14*	
32 01 11 53-0009	LF	Removal Of 6" Wide Thermoplastic Pavement Striping	3.37	
		For Up To 250, Add	*1.69*	
		For >250 To 1,000, Add	*0.84*	
		For >5,000 To 10,000, Deduct	*-0.51*	
		For >10,000 To 25,000, Deduct	*-0.84*	
		For >25,000 To 50,000, Deduct	*-1.18*	
		For >50,000, Deduct	*-1.35*	
32 01 11 53-0010	LF	Removal Of 8" Wide Thermoplastic Pavement Striping	4.08	
		For Up To 250, Add	*2.04*	
		For >250 To 1,000, Add	*1.02*	
		For >5,000 To 10,000, Deduct	*-0.61*	
		For >10,000 To 25,000, Deduct	*-1.02*	
		For >25,000 To 50,000, Deduct	*-1.43*	
		For >50,000, Deduct	*-1.63*	
32 01 11 53-0011	LF	Removal Of 12" Wide Thermoplastic Pavement Striping	4.88	
		For Up To 250, Add	*2.44*	
		For >250 To 1,000, Add	*1.22*	
		For >5,000 To 10,000, Deduct	*-0.73*	
		For >10,000 To 25,000, Deduct	*-1.22*	
		For >25,000 To 50,000, Deduct	*-1.71*	
		For >50,000, Deduct	*-1.95*	
32 01 11 53-0012	SF	Removal Of Thermoplastic Pavement Marking, Letters Or Symbols	4.88	
		For Up To 250, Add	*2.44*	
		For >250 To 1,000, Add	*1.22*	
		For >5,000 To 10,000, Deduct	*-0.73*	
		For >10,000 To 25,000, Deduct	*-1.22*	
		For >25,000 To 50,000, Deduct	*-1.71*	
		For >50,000, Deduct	*-1.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
MINOR				

32 01 13 Flexible Paving Surface Treatment *(32 01)*

32 01 13 61 Slurry Seal (Latex Modified) *(32 01 13)*

32 01 13 61-0001 Asphalt Seal Coating, For Roads And Parking Lot *(32 01 13 61)*

Note: Includes sweeping and cleaning of area.

32 01 13 61-0002	EA	Asphalt Seal Coating Minimum Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	847.26
32 01 13 61-0003	SY	Up To 500 SY, Type O Asphalt Seal Coating, No Aggregate, Per Coat	3.03
32 01 13 61-0004	SY	>500 To 1,000 SY, Type O Asphalt Seal Coating, No Aggregate, Per Coat	2.78
32 01 13 61-0005	SY	>1,000 SY, Type O Asphalt Seal Coating, No Aggregate. Per Coat	2.59
32 01 13 61-0006	SY	Up To 500 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.37
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*
		For Each 0.5% Of Latex Addition, Add	*0.27*
32 01 13 61-0007	SY	>500 To 1,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.19
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*
		For Each 0.5% Of Latex Addition, Add	*0.27*
32 01 13 61-0008	SY	>1,000 To 5,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	3.04
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*
		For Each 0.5% Of Latex Addition, Add	*0.27*
32 01 13 61-0009	SY	>5,000 To 20,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	2.90
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*
		For Each 0.5% Of Latex Addition, Add	*0.27*
32 01 13 61-0010	SY	>20,000 To 50,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	2.90
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*
		For Each 0.5% Of Latex Addition, Add	*0.27*
32 01 13 61-0011	SY	>50,000 SY, Type I Slurry Seal Asphalt Coating, Per Coat Note: 1/8" thick.	2.65
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.27*
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.33*
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.43*
		For Each 0.5% Of Latex Addition, Add	*0.27*
32 01 13 61-0012	SY	Up To 500 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	4.56
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.33*
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.39*
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.49*
		For Each 0.5% Of Latex Addition, Add	*0.39*
32 01 13 61-0013	SY	>500 To 1,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	4.26
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.31*
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.47*
		For Each 0.5% Of Latex Addition, Add	*0.39*
32 01 13 61-0014	SY	>1,000 To 5,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	4.04
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*
		For Each 0.5% Of Latex Addition, Add	*0.39*
32 01 13 61-0015	SY	>5,000 To 20,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	3.82
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*
		For Each 0.5% Of Latex Addition, Add	*0.39*
32 01 13 61-0016	SY	>20,000 To 50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	3.62
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*
		For Each 0.5% Of Latex Addition, Add	*0.39*
32 01 13 61-0017	SY	>50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	3.43
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.27*
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.33*
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.43*
		For Each 0.5% Of Latex Addition, Add	*0.39*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 13 61-0018	SY	Up To 500 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	5.74	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.34*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.40*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.50*	
		For Each 0.5% Of Latex Addition, Add	*0.64*	
32 01 13 61-0019	SY	>500 To 1,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	5.42	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.32*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.38*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.48*	
		For Each 0.5% Of Latex Addition, Add	*0.64*	
32 01 13 61-0020	SY	>1,000 To 5,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	5.17	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.31*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.47*	
		For Each 0.5% Of Latex Addition, Add	*0.64*	
32 01 13 61-0021	SY	>5,000 To 20,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	4.93	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Each 0.5% Of Latex Addition, Add	*0.64*	
32 01 13 61-0022	SY	>20,000 To 50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	4.73	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.64*	
32 01 13 61-0023	SY	>50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	4.53	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.64*	

32 01 13 62 Asphalt Surface Treatment *(32 01 13)*

32 01 13 62-0001 Polymer-Modified, Microsurfacing Emulsion (MSE Microsurfacing) *(32 01 13 62)*
Note: Use a blend of emulsified quick-set polymer-modified emulsion asphalt and latex-based polymer. Includes sweeping and cleaning of area.

32 01 13 62-0002	SY	Up To 200 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	10.24
32 01 13 62-0003	SY	Up To 500 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.74
32 01 13 62-0004	SY	>500 To 1,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.30
32 01 13 62-0005	SY	>1,000 To 5,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	8.93
32 01 13 62-0006	SY	>5,000 To 10,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	8.59
32 01 13 62-0007	SY	>10,000 To 20,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	8.30
32 01 13 62-0008	SY	>20,000 To 50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	8.10
32 01 13 62-0009	SY	>50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	7.98

32 01 16 Flexible Paving Rehabilitation *(32 01)*

32 01 16 71 Cold Milling Asphalt Pavement *(32 01 16)*

32 01 16 71-0001 Removal Of Asphalt Surface Course *(32 01 16 71)*
Note: Includes direct loading into truck.

32 01 16 71-0002 Production Cold Milling Of Roads And Parking Areas *(32 01 16 71-0001)*
Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0048 for hauling.

32 01 16 71-0003	SY	Up To 3" Depth, Production Cold Milling Of Asphalt	4.55	
		For Up To 2,500, Add	*3.41*	
		For >2,500 To 5,000, Add	*1.14*	
		For >10,000 To 25,000, Deduct	*-0.46*	
		For >25,000, Deduct	*-0.68*	
32 01 16 71-0004	SY	>3" To 6" Depth, Production Cold Milling Of Asphalt	6.07	
		For Up To 2,500, Add	*4.55*	
		For >2,500 To 5,000, Add	*1.52*	
		For >10,000 To 25,000, Deduct	*-0.61*	
		For >25,000, Deduct	*-0.91*	
32 01 16 71-0005	SY	>6" To 12" Depth, Production Cold Milling Of Asphalt	8.08	
		For Up To 2,500, Add	*6.06*	
		For >2,500 To 5,000, Add	*2.02*	
		For >10,000 To 25,000, Deduct	*-0.81*	
		For >25,000, Deduct	*-1.21*	

32 01 16 71-0006 Limited Production Cold Milling *(32 01 16 71-0001)*
Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0048 for hauling.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 16 71-0007	SY	Up To 3" Depth, Limited Cold Milling Of Asphalt	28.81	
		For >100 To 1,000, Deduct	*-14.41*	
		For >1,000, Deduct	*-21.61*	
32 01 16 71-0008	SY	>3" To 6" Depth, Limited Cold Milling Of Asphalt	38.15	
		For >100 To 1,000, Deduct	*-19.08*	
		For >1,000, Deduct	*-28.61*	
32 01 16 71-0009	SY	>6" To 12" Depth, Limited Cold Milling Of Asphalt	50.80	
		For >100 To 1,000, Deduct	*-25.40*	
		For >1,000, Deduct	*-38.10*	

32 01 16 71-0010 Grind, Leave In-Place Asphalt Grindings *(32 01 16 71)*
Note: For use as subbase material, includes spreading and rolling.

32 01 16 71-0011	SY	Grind, Leave In-Place As Subbase Course, 6-9" Depth	7.61

32 01 16 71-0012 Wedge Grinding Cold Milling *(32 01 16 71)*
Note: Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes water truck. Excludes mobilization, sweeping and cleaning, hauling and disposal. See CSI section 01 74 16 00-0001 for sweeping and cleaning .

32 01 16 71-0013	LF	5' Wedge Gringing/Cold Milling Of Asphalt Up To 3" Depth	8.00
32 01 16 71-0014	LF	10' Wedge Gringing/Cold Milling Of Asphalt Up To 3" Depth	16.00

32 01 16 71-0015 Cutback Ramp *(32 01 16 71)*

32 01 16 71-0016	LF	1" Differential, 5' Length, Cutback Ramp	12.84
32 01 16 71-0017	LF	1-1/2" Differential, 5' Length, Cutback Ramp	15.67
32 01 16 71-0018	LF	2" Differential, 5' Length, Cutback Ramp	18.25

32 01 16 73 In Place Cold Reused Asphalt Paving *(32 01 16)*

32 01 16 73-0001 Cold-In-Place-Partial Depth Recycling Process With Foam Asphalt *(32 01 16 73)*
Note: Includes milling between 3"-6" of existing AC surface, computerized metered injection of liquid asphalt, cement, and water mix together as binder with milled material, spread and place with paver, follow by vibratory steel drum roller, Cat CB534D or equivalent, then follow by rubber tired roller, Hypac C560A or equivalent. The Contractor will provide all the necessary engineering, preconstruction soil analysis, stamped mix design, in-place compaction testing of recycled material and any other QC/QA during construction. The recycled material (from milled surface mixed with liquid asphalt, cement, and water) shall meet Class II AB (3/4" max.) gradation and shall compact at 96% relative compaction or higher. The Contractor's process shall be capable of producing between 450-500 tons per hour of recycled, in-place material. The Contractor shall warranty their work for a period of two years. Excludes traffic control, grading, utilities adjustment and wearing course of either Chip Seal or HMA overlay of the finished surface.

32 01 16 73-0002	SF	Up To 30,000 SF Cold In Place Recycling Process With Foam Asphalt	4.41
32 01 16 73-0003	SF	>30,000 To 42,000 SF Cold In Place Recycling Process With Foam Asphalt	4.12
32 01 16 73-0004	SF	>42,000 To 71,000 SF Cold In Place Recycling Process With Foam Asphalt	3.44
32 01 16 73-0005	SF	>71,000 To 130,000 SF Cold In Place Recycling Process With Foam Asphalt	2.91
32 01 16 73-0006	SF	>130,000 To 250,000 SF Cold In Place Recycling Process With Foam Asphalt	2.60
32 01 16 73-0007	SF	>250,000 To 500,000 SF Cold In Place Recycling Process With Foam Asphalt	2.37
32 01 16 73-0008	SF	>500,000 SF Cold In Place Recycling Process With Foam Asphalt	2.24

32 01 16 73-0009 Cold-In-Place-Full Depth Reclamation With Foam Asphalt (FDR-FA) *(32 01 16 73)*
Note: Includes milling Up To 12" of existing AC surface. Excludes traffic control, grading, utilities adjustment and wearing course of either Chip Seal or HMA overlay of the finished surface.

32 01 16 73-0010	SF	Up To 30,000 SF Cold In Place Full Depth Reclamation With Foam Asphalt (FDR-FA)	5.51
32 01 16 73-0011	SF	>30,000 To 42,000 SF Cold In Place Full Depth Reclamation With Foam Asphalt (FDR-FA)	5.17
32 01 16 73-0012	SF	>42,000 To 71,000 SF Cold In Place Full Depth Reclamation With Foam Asphalt (FDR-FA)	4.42
32 01 16 73-0013	SF	>71,000 To 130,000 SF Cold In Place Full Depth Reclamation With Foam Asphalt (FDR-FA)	3.85
32 01 16 73-0014	SF	>130,000 To 250,000 SF Cold In Place Full Depth Reclamation With Foam Asphalt (FDR-FA)	3.50
32 01 16 73-0015	SF	>250,000 To 500,000 SF Cold In Place Full Depth Reclamation With Foam Asphalt (FDR-FA)	3.26
32 01 16 73-0016	SF	>500,000 SF Cold In Place Full Depth Reclamation With Foam Asphalt (FDR-FA)	3.11

32 01 16 73-0017 Cold-In-Place-Full Depth Reclamation Process With Cement (FDR-C) *(32 01 16 73)*
Note: Includes milling Up To 12" of existing AC surface. Excludes traffic control, grading, utilities adjustment and wearing course of either Chip Seal or HMA overlay of the finished surface.

32 01 16 73-0018	SF	Up To 30,000 SF Cold In Place Full Depth Reclamation With Cement (FDR-C)	5.09	
		For >12" To 18" Depth, Add	*1.74*	
32 01 16 73-0019	SF	>42,000 To 71,000 SF Cold In Place Full Depth Reclamation With Cement (FDR-C)	4.00	
		For >12" To 18" Depth, Add	*1.41*	
32 01 16 73-0020	SF	>71,000 To 130,000 SF Cold In Place Full Depth Reclamation With Cement (FDR-C)	3.43	
		For >12" To 18" Depth, Add	*1.24*	
32 01 16 73-0021	SF	>130,000 To 250,000 SF Cold In Place Full Depth Reclamation With Cement (FDR-C)	3.08	
		For >12" To 18" Depth, Add	*1.14*	
32 01 16 73-0022	SF	>250,000 To 500,000 SF Cold In Place Full Depth Reclamation With Cement (FDR-C)	2.84	
		For >12" To 18" Depth, Add	*1.06*	
32 01 16 73-0023	SF	>500,000 SF Cold In Place Full Depth Reclamation With Cement (FDR-C)	2.69	
		For >12" To 18" Depth, Add	*1.02*	

32 01 16 73-0024 Supplemental Aggregate *(32 01 16 73)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 16 73-0025	TON	Supplemental Aggregate	97.24	

32 01 16 73-0026 Cold-In-Place Recycling (CALTRAN) *(32 01 16 73)*

32 01 16 73-0027	TON	Sand Cover (CIPR)	58.00	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000 To 2,500, Deduct	*-2.90*	
		For >2,500 To 5,000, Deduct	*-4.06*	
		For >5,000, Deduct	*-5.22*	
32 01 16 73-0028	SY	Cold In Place Recycling (CIPR)	6.50	
		For >10,000 To 25,000, Deduct	*-0.65*	
		For >25,000, Deduct	*-0.98*	
32 01 16 73-0029	TON	Cement (CIPR)	135.00	
		For >500 To 1,000, Deduct	*-3.38*	
		For >1,000 To 2,500, Deduct	*-6.75*	
		For >2,500 To 5,000, Deduct	*-9.45*	
		For >5,000, Deduct	*-12.15*	
32 01 16 73-0030	TON	Emulsified Recycling Agent (CIPR)	610.00	
		For >500 To 1,000, Deduct	*-15.25*	
		For >1,000 To 2,500, Deduct	*-30.50*	
		For >2,500 To 5,000, Deduct	*-42.70*	
		For >5,000, Deduct	*-54.90*	
32 01 16 73-0031	TON	Asphaltic Emulsion (CIPR)	610.00	
		For >500 To 1,000, Deduct	*-15.25*	
		For >1,000 To 2,500, Deduct	*-30.50*	
		For >2,500 To 5,000, Deduct	*-42.70*	
		For >5,000, Deduct	*-54.90*	

32 01 16 74 In Place Hot Reused Asphalt Paving *(32 01 16)*

32 01 16 74-0001 Rejuvenate, Respread Asphalt Pavement *(32 01 16 74)*

Note: Includes direct loading into truck.

32 01 16 74-0002	SY	Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep	12.74	
32 01 16 74-0003	SY	Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep, Previously Sealed Cold Tar	15.19	
32 01 16 74-0004	TON	Removal, Rejuvenation, And Respreading Of Asphalt Grindings	198.36	

32 01 16 74-0005 Reclamation, Pulverize And Blending With Existing *(32 01 16 74)*

Note: Includes direct loading into truck.

32 01 16 74-0006	SY	Up To 2" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	15.51	
32 01 16 74-0007	SY	Up To 2" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	7.76	
32 01 16 74-0008	SY	Up To 2" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.88	
32 01 16 74-0009	SY	Up To 2" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.67	
32 01 16 74-0010	SY	>2" To 3" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.23	
32 01 16 74-0011	SY	>2" To 3" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	16.93	
32 01 16 74-0012	SY	>2" To 3" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	8.46	
32 01 16 74-0013	SY	>2" To 3" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.99	
32 01 16 74-0014	SY	>3" To 4" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	18.62	
32 01 16 74-0015	SY	>3" To 4" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	9.31	
32 01 16 74-0016	SY	>3" To 4" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.65	
32 01 16 74-0017	SY	>3" To 4" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.30	
32 01 16 74-0018	SY	>4" To 8" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	20.32	
32 01 16 74-0019	SY	>4" To 8" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	10.15	
32 01 16 74-0020	SY	>4" To 8" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	5.08	
32 01 16 74-0021	SY	>4" To 8" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.74	
32 01 16 74-0022	EA	Mobilization And Demobilization For Reclamation, Pulverizing And Blending Crew	1,745.77	

32 01 17 Flexible Paving Repair *(32 01)*

See CSI section 32 12 16 00-0000 for large area resurfacing.

32 01 17 61 Sealing Cracks in Asphalt Paving *(32 01 17)*

Note: Includes removing loose materials and cleaning.

32 01 17 61-0001 Hot-Applied, Pourable, Self-Adhesive Asphalt Binder Compounded With Standard Weight Aggregate Longitudinal Crack And Sealing Repair *(32 01 17 61)*

Note: Includes removing loose materials and cleaning.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 61-0002	LF	Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	1.78	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.52*	
		For 1" x 1/2" Fill, Add	*0.98*	
		For Backer Rod, Add	*1.08*	
32 01 17 61-0003	LF	>200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	1.45	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.43*	
		For 1" x 1/2" Fill, Add	*0.81*	
		For Backer Rod, Add	*0.97*	
32 01 17 61-0004	LF	>500 To 2,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	1.16	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.35*	
		For 1" x 1/2" Fill, Add	*0.67*	
		For Backer Rod, Add	*0.87*	
32 01 17 61-0005	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	1.00	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.30*	
		For 1" x 1/2" Fill, Add	*0.58*	
		For Backer Rod, Add	*0.81*	
32 01 17 61-0006	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.89	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.27*	
		For 1" x 1/2" Fill, Add	*0.52*	
		For Backer Rod, Add	*0.76*	
32 01 17 61-0007	LF	>10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.82	
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
		For 3/4" x 1/2" Fill, Add	*0.25*	
		For 1" x 1/2" Fill, Add	*0.48*	
		For Backer Rod, Add	*0.73*	
32 01 17 61-0008	LF	Up To 200 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	3.20	
		For 3/8" x 1/4" Fill, Add	*0.75*	
		For 1/2" x 1/4" Fill, Add	*1.38*	
		For 1/2" x 1/2" Fill, Add	*3.28*	
32 01 17 61-0009	LF	>200 To 500 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	2.58	
		For 3/8" x 1/4" Fill, Add	*0.62*	
		For 1/2" x 1/4" Fill, Add	*1.14*	
		For 1/2" x 1/2" Fill, Add	*2.75*	
32 01 17 61-0010	LF	>500 To 2,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	2.00	
		For 3/8" x 1/4" Fill, Add	*0.49*	
		For 1/2" x 1/4" Fill, Add	*0.91*	
		For 1/2" x 1/2" Fill, Add	*2.20*	
32 01 17 61-0011	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.75	
		For 3/8" x 1/4" Fill, Add	*0.43*	
		For 1/2" x 1/4" Fill, Add	*0.80*	
		For 1/2" x 1/2" Fill, Add	*1.95*	
32 01 17 61-0012	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.59	
		For 3/8" x 1/4" Fill, Add	*0.39*	
		For 1/2" x 1/4" Fill, Add	*0.72*	
		For 1/2" x 1/2" Fill, Add	*1.75*	
32 01 17 61-0013	LF	>10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.47	
		For 3/8" x 1/4" Fill, Add	*0.36*	
		For 1/2" x 1/4" Fill, Add	*0.66*	
		For 1/2" x 1/2" Fill, Add	*1.60*	
32 01 17 61-0014	LF	For Routing And Cleaning Of Crack, Add Per 1/2" Depth	0.53	
32 01 17 61-0015	LF	Crack Fill Backer Material, Up To 1" Diameter, As Required	1.78	

32 01 17 63 Flexible Pavement Repair *(32 01 17)*

32 01 17 63-0001 Temporary Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0048 for hauling greater than 15 miles.

32 01 17 63-0002	EA	Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons	1,812.75
32 01 17 63-0003	TON	Temporary Pot Hole Repairs With Cold Mix Modified	551.60
		Note: Use for each ton over 3 tons.	
32 01 17 63-0004	EA	Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,720.16
32 01 17 63-0005	TON	Temporary Pot Hole Repairs With Cold Mix	520.74
		Note: Use for each ton over 3 tons.	
32 01 17 63-0006	EA	Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	1,673.87
32 01 17 63-0007	TON	Temporary Pot Hole Repairs With Hot Mix Modified	505.31
		Note: Use for each ton over 3 tons.	
32 01 17 63-0008	EA	Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,627.58
32 01 17 63-0009	TON	Temporary Pot Hole Repairs With Hot Mix	489.88
		Note: Use for each ton over 3 tons.	

32 01 17 63-0010 Permanent Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, saw cutting, chipping, squaring off, bonding agent, compaction and hauling up to 15 miles Tasks do not include signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0048 for hauling greater than 15 miles.

32 01 17 63-0011	EA	Permanent Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,926.14
32 01 17 63-0012	TON	Permanent Pot Hole Repairs With Cold Mix	626.81
		Note: Use for each ton over 3 tons.	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 63-0013	EA	Permanent Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	1,879.85	
32 01 17 63-0014	TON	Permanent Pot Hole Repairs With Hot Mix Modified Note: Use for each ton over 3 tons.	611.38	
32 01 17 63-0015	EA	Permanent Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,833.56	
32 01 17 63-0016	TON	Permanent Pot Hole Repairs With Hot Mix Note: Use for each ton over 3 tons.	595.95	
32 01 17 63-0017		Asphalt Placement For Small Repairs *(32 01 17 63)* Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, compaction and hauling up to 15 miles. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02 41 19 13-0059 for saw cutting, 32 12 16 13-0000 for areas requiring more than 100 tons.		
32 01 17 63-0018	EA	Asphalt Placement For Small Repair Areas, Cold Mix Modified, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,517.61	
32 01 17 63-0019	TON	Asphalt Placement For Small Repair Areas, Cold Mix Modified Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	368.17	
32 01 17 63-0020	EA	Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,425.02	
32 01 17 63-0021	TON	Asphalt Placement For Small Repair Areas, Cold Mix Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	337.31	
32 01 17 63-0022	EA	Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,378.73	
32 01 17 63-0023	TON	Asphalt Placement For Small Repair Areas, Hot Mix Modified Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	321.88	
32 01 17 63-0024	EA	Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,332.44	
32 01 17 63-0025	TON	Asphalt Placement For Small Repair Areas, Hot Mix Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	306.45	
32 01 17 63-0026		Grind Asphalt *(32 01 17 63)*		
32 01 17 63-0027	SY	Grinding Asphalt To Level Bump Or Raised Area	22.36	

32 01 26 Rigid Paving Rehabilitation *(32 01)*

32 01 26 71 Grooving of Concrete Paving *(32 01 26)*

32 01 26 71-0001		Roadway Grooving *(32 01 26 71)*		
32 01 26 71-0002	EA	First 500 SY Of Pavement Grooving, Concrete, Longitudinal	3,980.35	
32 01 26 71-0003	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Longitudinal	3.69	
32 01 26 71-0004	EA	First 500 SY Of Pavement Grooving, Concrete, Traverse	4,434.25	
32 01 26 71-0005	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Traverse	4.80	
32 01 26 71-0006		Rumble Strips *(32 01 26 71)*		
32 01 26 71-0007	EA	First 5280 LF Of MIARDS, Rumble Strips, Asphalt	4,557.71	
32 01 26 71-0008	LF	Each LF Over First 5280 LF Of MIARDS, Rumble Strips, Asphalt	0.83	
32 01 26 71-0009	EA	First 2000 LF Of MIARDS, Rumble Strips, Concrete	5,079.15	
32 01 26 71-0010	LF	Each LF Over First 2000 LF Of MIARDS, Rumble Strips, Concrete	0.93	

32 01 26 73 Milling Of Concrete Paving *(32 01 26)*

32 01 26 73-0001		Removal Of Concrete *(32 01 26 73)* Note: Includes direct loading into truck.		
32 01 26 73-0002		Production Milling Of Roads And Parking Areas *(32 01 26 73-0001)* Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0048 for hauling.		
32 01 26 73-0003	SY	Production Milling Of Concrete Per Inch	6.90	
32 01 26 73-0004		Limited Production Milling *(32 01 26 73-0001)* Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0048 for hauling.		
32 01 26 73-0005	SY	Limited Production Milling Of Concrete Per Inch	43.29	

32 01 29 Rigid Paving Repair *(32 01)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 01 29 61 Partial Depth Patching of Rigid Paving *(32 01 29)*

32 01 29 61-0001 Hot Applied Flexible Concrete Repair *(32 01 29 61)*

Note: Excludes saw cutting (where required), flagmen.

32 01 29 61-0002	EA	Hot Applied Flexible Concrete Repair Minimum Charge Note: For projects where the total Hot Applied Flexible Concrete Repair In Asphaltcharge is less than the minimum charge, use task "Minimum Charge For Hot Applied Flexible Concrete Repairt" exclusively. Task "Minimum Charge For Hot Applied Flexible Concrete Repair" should not be used in conjunction with any other tasks in this section.	1,200.77
32 01 29 61-0003	SF	Up To 2" Depth, Hot Applied Flexible Concrete Repair	66.47
		For >25 SF Quantity, Deduct	*-6.65*
32 01 29 61-0004	SF	>2" To 4" Depth, Hot Applied Flexible Concrete Repair	124.81
		For >25 SF Quantity, Deduct	*-12.48*
32 01 29 61-0005	SF	>4" To 6" Depth, Hot Applied Flexible Concrete Repair	182.61
		For >25 SF Quantity, Deduct	*-18.26*
32 01 29 61-0006	SF	>6" To 8" Depth, Hot Applied Flexible Concrete Repair	240.41
		For >25 SF Quantity, Deduct	*-24.04*
32 01 29 61-0007	SF	>8" To 10" Depth, Hot Applied Flexible Concrete Repair	298.21
		For >25 SF Quantity, Deduct	*-29.82*
32 01 29 61-0008	CF	>10" Depth, Hot Applied Flexible Concrete Repair	355.47

32 01 29 61-0009 Cold Applied Flexible Concrete Repair *(32 01 29 61)*

32 01 29 61-0010	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	6.55
32 01 29 61-0011	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	9.42
32 01 29 61-0012	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	12.39
32 01 29 61-0013	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	15.49
32 01 29 61-0014	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	22.09
32 01 29 61-0015	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	6.64
32 01 29 61-0016	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	9.50
32 01 29 61-0017	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	12.48
32 01 29 61-0018	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	15.57
32 01 29 61-0019	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	22.17
32 01 29 61-0020	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	6.60
32 01 29 61-0021	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	9.46
32 01 29 61-0022	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	12.44
32 01 29 61-0023	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	15.53
32 01 29 61-0024	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	22.13

32 01 90 Operation and Maintenance of Planting *(32 01)*

Note: These tasks are to be used as requested by the owner to maintain existing conditions.

32 01 90 13 Fertilizing *(32 01 90)*

32 01 90 13-0001	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Granular)	14.49
32 01 90 13-0002	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Liquid)	11.04
32 01 90 13-0003	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Granular)	11.97
32 01 90 13-0004	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Liquid)	9.97

32 01 90 19 Mowing *(32 01 90)*

32 01 90 19-0001	ACR	Vegetation Cutting By Bush Hog Note: Includes normal debris removal, cutting, and trimming.	203.79
		For <1 Acre, Add	*50.95*
32 01 90 19-0002	MSF	Mowing Vegetation With Riding Mower, >20,000 To 45,000 SF	7.30
32 01 90 19-0003	MSF	Mowing Vegetation With Riding Mower, >45,000 SF	5.66
32 01 90 19-0004	MSF	Clear Vegetation With Weed Trimmer, Up To 1,000 SF	25.38
		For Work On Slopes >2:1, Add	*6.35*
		For Clearing Light Brush, Add	*3.81*
32 01 90 19-0005	MSF	Clear Vegetation With Weed Trimmer, >1,000 SF	21.32
		For Work On Slopes >2:1, Add	*5.33*
		For Clearing Light Brush, Add	*3.20*
32 01 90 19-0006	MSF	Blow Or Vacuum Dispersed Non-Native Seed After Bulk Of Biomass Removed	21.53

32 01 90 23 Pruning *(32 01 90)*

32 01 90 23-0001 Tree Pruning *(32 01 90 23)*

Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture). Includes loading onto truck or dumspter.

32 01 90 23-0002 Tree Pruning; Crown Cleaning *(32 01 90 23-0001)*

Note: Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown.

32 01 90 23-0003	EA	1-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand	32.03
32 01 90 23-0004	EA	2" Caliper, Tree Pruning (Crown Cleaning), By Hand	36.60
32 01 90 23-0005	EA	2-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand	41.18
32 01 90 23-0006	EA	3" Caliper, Tree Pruning (Crown Cleaning), By Hand	45.75
32 01 90 23-0007	EA	4" Caliper, Tree Pruning (Crown Cleaning), By Hand	69.53
32 01 90 23-0008	EA	4" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	115.06
32 01 90 23-0009	EA	6" Caliper, Tree Pruning (Crown Cleaning), By Hand	121.67
32 01 90 23-0010	EA	6" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	219.14
32 01 90 23-0011	EA	9" Caliper, Tree Pruning (Crown Cleaning), By Hand	194.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0012	EA	9" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	350.55	
32 01 90 23-0013	EA	12" Caliper, Tree Pruning (Crown Cleaning), By Hand	225.15	
32 01 90 23-0014	EA	12" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	405.39	
32 01 90 23-0015	EA	18" Caliper, Tree Pruning (Crown Cleaning), By Hand	261.73	
32 01 90 23-0016	EA	18" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	471.13	
32 01 90 23-0017	EA	24" Caliper, Tree Pruning (Crown Cleaning), By Hand	318.59	
32 01 90 23-0018	EA	24" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	569.83	
32 01 90 23-0019	EA	30" Caliper, Tree Pruning (Crown Cleaning), By Hand	395.75	
32 01 90 23-0020	EA	30" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	718.16	
32 01 90 23-0021	EA	36" Caliper, Tree Pruning (Crown Cleaning), By Hand	542.05	
32 01 90 23-0022	EA	36" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	973.34	
32 01 90 23-0023	EA	48" Caliper, Tree Pruning (Crown Cleaning), By Hand	859.94	
32 01 90 23-0024	EA	48" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment	1,565.31	

32 01 90 23-0025 Tree Pruning; Crown Thinning *(32 01 90 23-0001)*

Note: Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two- thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch.

32 01 90 23-0026	EA	1-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand	39.25	
32 01 90 23-0027	EA	2" Caliper, Tree Pruning (Crown Thinning), By Hand	44.84	
32 01 90 23-0028	EA	2-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand	50.42	
32 01 90 23-0029	EA	3" Caliper, Tree Pruning (Crown Thinning), By Hand	56.09	
32 01 90 23-0030	EA	4" Caliper, Tree Pruning (Crown Thinning), By Hand	85.18	
32 01 90 23-0031	EA	4" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	140.91	
32 01 90 23-0032	EA	6" Caliper, Tree Pruning (Crown Thinning), By Hand	149.05	
32 01 90 23-0033	EA	6" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	268.45	
32 01 90 23-0034	EA	9" Caliper, Tree Pruning (Crown Thinning), By Hand	238.72	
32 01 90 23-0035	EA	9" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	429.41	
32 01 90 23-0036	EA	12" Caliper, Tree Pruning (Crown Thinning), By Hand	275.78	
32 01 90 23-0037	EA	12" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	496.58	
32 01 90 23-0038	EA	18" Caliper, Tree Pruning (Crown Thinning), By Hand	320.61	
32 01 90 23-0039	EA	18" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	577.11	
32 01 90 23-0040	EA	24" Caliper, Tree Pruning (Crown Thinning), By Hand	390.24	
32 01 90 23-0041	EA	24" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	698.08	
32 01 90 23-0042	EA	30" Caliper, Tree Pruning (Crown Thinning), By Hand	484.76	
32 01 90 23-0043	EA	30" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	879.75	
32 01 90 23-0044	EA	36" Caliper, Tree Pruning (Crown Thinning), By Hand	664.00	
32 01 90 23-0045	EA	36" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	1,192.35	
32 01 90 23-0046	EA	48" Caliper, Tree Pruning (Crown Thinning), By Hand	1,053.42	
32 01 90 23-0047	EA	48" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment	1,917.50	

32 01 90 23-0048 Tree Pruning; Crown Raising *(32 01 90 23-0001)*

Note: Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown.

32 01 90 23-0049	EA	1-1/2" Caliper, Tree Pruning (Crown Raising), By Hand	43.28	
32 01 90 23-0050	EA	2" Caliper, Tree Pruning (Crown Raising), By Hand	49.41	
32 01 90 23-0051	EA	2-1/2" Caliper, Tree Pruning (Crown Raising), By Hand	55.63	
32 01 90 23-0052	EA	3" Caliper, Tree Pruning (Crown Raising), By Hand	61.76	
32 01 90 23-0053	EA	4" Caliper, Tree Pruning (Crown Raising), By Hand	93.87	
32 01 90 23-0054	EA	4" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	155.37	
32 01 90 23-0055	EA	6" Caliper, Tree Pruning (Crown Raising), By Hand	164.24	
32 01 90 23-0056	EA	6" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	295.85	
32 01 90 23-0057	EA	9" Caliper, Tree Pruning (Crown Raising), By Hand	263.06	
32 01 90 23-0058	EA	9" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	473.24	
32 01 90 23-0059	EA	12" Caliper, Tree Pruning (Crown Raising), By Hand	303.96	
32 01 90 23-0060	EA	12" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	547.31	
32 01 90 23-0061	EA	18" Caliper, Tree Pruning (Crown Raising), By Hand	353.36	
32 01 90 23-0062	EA	18" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	636.06	
32 01 90 23-0063	EA	24" Caliper, Tree Pruning (Crown Raising), By Hand	430.14	
32 01 90 23-0064	EA	24" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	769.30	
32 01 90 23-0065	EA	30" Caliper, Tree Pruning (Crown Raising), By Hand	534.26	
32 01 90 23-0066	EA	30" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	969.48	
32 01 90 23-0067	EA	36" Caliper, Tree Pruning (Crown Raising), By Hand	731.81	
32 01 90 23-0068	EA	36" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	1,313.97	
32 01 90 23-0069	EA	48" Caliper, Tree Pruning (Crown Raising), By Hand	1,160.93	
32 01 90 23-0070	EA	48" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment	2,113.19	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0071		**Tree Pruning; Crown Reduction** *(32 01 90 23-0001)*		
		Note: Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made.		
32 01 90 23-0072	EA	1-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand	46.48	
32 01 90 23-0073	EA	2" Caliper, Tree Pruning (Crown Reduction), By Hand	53.07	
32 01 90 23-0074	EA	2-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand	59.74	
32 01 90 23-0075	EA	3" Caliper, Tree Pruning (Crown Reduction), By Hand	66.34	
32 01 90 23-0076	EA	4" Caliper, Tree Pruning (Crown Reduction), By Hand	100.83	
32 01 90 23-0077	EA	4" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	166.87	
32 01 90 23-0078	EA	6" Caliper, Tree Pruning (Crown Reduction), By Hand	176.41	
32 01 90 23-0079	EA	6" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	317.76	
32 01 90 23-0080	EA	9" Caliper, Tree Pruning (Crown Reduction), By Hand	282.55	
32 01 90 23-0081	EA	9" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	508.30	
32 01 90 23-0082	EA	12" Caliper, Tree Pruning (Crown Reduction), By Hand	326.47	
32 01 90 23-0083	EA	12" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	587.85	
32 01 90 23-0084	EA	18" Caliper, Tree Pruning (Crown Reduction), By Hand	379.53	
32 01 90 23-0085	EA	18" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	683.18	
32 01 90 23-0086	EA	24" Caliper, Tree Pruning (Crown Reduction), By Hand	461.98	
32 01 90 23-0087	EA	24" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	826.28	
32 01 90 23-0088	EA	30" Caliper, Tree Pruning (Crown Reduction), By Hand	573.87	
32 01 90 23-0089	EA	30" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	1,041.37	
32 01 90 23-0090	EA	36" Caliper, Tree Pruning (Crown Reduction), By Hand	785.97	
32 01 90 23-0091	EA	36" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	1,411.38	
32 01 90 23-0092	EA	48" Caliper, Tree Pruning (Crown Reduction), By Hand	1,246.94	
32 01 90 23-0093	EA	48" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment	2,269.66	
32 01 90 23-0094		**Tree Pruning; Crown Restoration** *(32 01 90 23-0001)*		
		Note: Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several pruning's over a number of years.		
32 01 90 23-0095	EA	1-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand	53.34	
32 01 90 23-0096	EA	2" Caliper, Tree Pruning (Crown Restoration), By Hand	61.03	
32 01 90 23-0097	EA	2-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand	68.63	
32 01 90 23-0098	EA	3" Caliper, Tree Pruning (Crown Restoration), By Hand	76.22	
32 01 90 23-0099	EA	4" Caliper, Tree Pruning (Crown Restoration), By Hand	115.84	
32 01 90 23-0100	EA	4" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	191.75	
32 01 90 23-0101	EA	6" Caliper, Tree Pruning (Crown Restoration), By Hand	202.76	
32 01 90 23-0102	EA	6" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	365.20	
32 01 90 23-0103	EA	9" Caliper, Tree Pruning (Crown Restoration), By Hand	324.72	
32 01 90 23-0104	EA	9" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	584.23	
32 01 90 23-0105	EA	12" Caliper, Tree Pruning (Crown Restoration), By Hand	375.23	
32 01 90 23-0106	EA	12" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	675.62	
32 01 90 23-0107	EA	18" Caliper, Tree Pruning (Crown Restoration), By Hand	436.18	
32 01 90 23-0108	EA	18" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	785.19	
32 01 90 23-0109	EA	24" Caliper, Tree Pruning (Crown Restoration), By Hand	530.96	
32 01 90 23-0110	EA	24" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	949.76	
32 01 90 23-0111	EA	30" Caliper, Tree Pruning (Crown Restoration), By Hand	659.61	
32 01 90 23-0112	EA	30" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	1,196.96	
32 01 90 23-0113	EA	36" Caliper, Tree Pruning (Crown Restoration), By Hand	903.46	
32 01 90 23-0114	EA	36" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	1,622.31	
32 01 90 23-0115	EA	48" Caliper, Tree Pruning (Crown Restoration), By Hand	1,433.23	
32 01 90 23-0116	EA	48" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment	2,608.89	
32 01 90 23-0117		**Palm Tree Pruning** *(32 01 90 23)*		
32 01 90 23-0118	EA	Trim Mexican Palm Tree	97.01	
32 01 90 23-0119	EA	Trim Date Palm Tree	218.90	
32 01 90 23-0120	LF	Skin Palm Tree	24.88	
32 01 90 23-0121	EA	Trim And Skin Palm Tree, Up To 30' Height	93.13	
32 01 90 23-0122	EA	Trim And Skin Palm Tree, >30' To 60' Height	115.05	
32 01 90 23-0123	EA	Trim And Skin Palm Tree, >60' To 80' Height	128.74	
32 01 90 23-0124		**Shrub Pruning** *(32 01 90 23)*		
32 01 90 23-0125	MSF	Shrub Pruning, Prune, Shrub Bed	104.26	
32 01 90 23-0126	EA	Shrub Pruning, Prune, Shrub Under 3' Height	3.66	
32 01 90 23-0127	EA	Shrub Pruning, Prune, Shrub 4' Height	8.24	
32 01 90 23-0128	EA	Shrub Pruning, Prune, Shrub Over 6'	14.64	
32 01 90 23-0129	EA	Shrub Pruning, Prune Trees From Ground	36.60	
32 01 90 23-0130	EA	Shrub Pruning, Prune Trees From Ground, High Work	91.50	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0131		**Root Pruning** *(32 01 90 23)* Note: Cut roots cleanly after excavation with clean, sharp tools, to promote callus formation and wound closure. Wounds to be dressed with a tree rooting hormone compound. Mix soil improvements (e.g., peat moss) with fill soil to promote new root growth. Backfill the excavation and water the soil around the roots to avoid leaving air pockets.		
32 01 90 23-0132	EA	Root Pruning, One Side Of Up To 1-1/2" Caliper Tree	18.30	
32 01 90 23-0133	EA	Root Pruning, One Side Of 2" Caliper Tree	22.88	
32 01 90 23-0134	EA	Root Pruning, One Side Of 2-1/2" Caliper Tree	27.45	
32 01 90 23-0135	EA	Root Pruning, One Side Of 3" Caliper Tree	36.60	
32 01 90 23-0136	EA	Root Pruning, One Side Of 4" Caliper Tree	54.90	
32 01 90 23-0137	EA	Root Pruning, One Side Of >4" To 6" Caliper Tree	68.63	
32 01 90 23-0138	EA	Root Pruning, One Side Of >6" To 9" Caliper Tree	96.08	
32 01 90 23-0139	EA	Root Pruning, One Side Of >9" To 12" Caliper Tree	109.79	
32 01 90 23-0140	EA	Root Pruning, One Side Of >12" To 18" Caliper Tree	128.09	
32 01 90 23-0141	EA	Root Pruning, One Side Of >18' To 24" Caliper Tree	160.12	
32 01 90 23-0142	EA	Root Pruning, One Side Of >24" To 30" Caliper Tree	196.72	
32 01 90 23-0143	EA	Root Pruning, One Side Of >30" To 36" Caliper Tree	228.75	
32 01 90 23-0144	EA	Root Pruning, One Side Of >36" To 42" Caliper Tree	251.62	
32 01 90 23-0145	EA	Root Pruning, One Side Of >42" To 48" Caliper Tree	274.50	
32 01 90 26		**Watering** *(32 01 90)* Note: Includes delivered water. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.		
32 01 90 26-0001		**Watering Lawns, Plants And Trees** *(32 01 90 26)* Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant. These tasks are to be used as requested by the owner for extended watering period for lawns, plants and trees.		
32 01 90 26-0002	MSF	Watering Sod/Grass, Per Inch Of Water	46.19	
32 01 90 26-0003	CSF	Watering Groundcover	7.13	
32 01 90 26-0004	CSF	Watering Annuals And Perennials	12.60	
32 01 90 26-0005	EA	Watering Trees, 1-1/2" To 5" Diameter By Hand	24.30	
32 01 90 26-0006	EA	Watering Trees, 6" To 12" Diameter By Hand	31.95	
32 01 90 26-0007	EA	Watering Trees, 13" To 18" Diameter By Hand	39.60	
32 01 90 26-0008	EA	Watering Trees, >18" Diameter By Hand	48.74	
32 01 90 26-0009	EA	Watering Shrub Or Bush By Hand	12.22	
32 01 90 36		**Weed and Brush Control** *(32 01 90)*		
32 01 90 36-0001		**Herbicide, Push Or Hand Spreader Applied** *(32 01 90 36)*		
32 01 90 36-0002	MSF	Non-Selective Post Emergent Weed Herbicide (70.4 oz/acre or 1.62 oz/MSF)	8.42	
		For >45 To 90, Deduct	*-0.46*	
		For >90 To 225, Deduct	*-1.30*	
		For >225 To 870, Deduct	*-2.14*	
		For >870, Deduct	*-2.60*	
32 01 90 36-0003	MSF	Non-Selective Post Emergent Woody Brush And Tree Herbicide (128 oz/acre or 2.94 oz/MSF)	9.05	
		For >45 To 90, Deduct	*-0.52*	
		For >90 To 225, Deduct	*-1.43*	
		For >225 To 870, Deduct	*-2.33*	
		For >870, Deduct	*-2.86*	
32 01 90 36-0004	MSF	Selective Weed Herbicide (56 oz/Acre or 1.28 oz/MSF) Note: Includes pre and post emergent.	9.01	
		For >45 To 90, Deduct	*-0.52*	
		For >90 To 225, Deduct	*-1.42*	
		For >225 To 870, Deduct	*-2.32*	
		For >870, Deduct	*-2.84*	
32 01 90 36-0005	MSF	Selective Woody Brush And Tree Herbicide (72 oz/acre or 1.65 oz/MSF) Note: Includes pre and post emergents.	9.40	
		For >45 To 90, Deduct	*-0.56*	
		For >90 To 225, Deduct	*-1.50*	
		For >225 To 870, Deduct	*-2.44*	
		For >870, Deduct	*-3.00*	
32 01 90 39		**Pesticides** *(32 01 90)*		
32 01 90 39-0001	MSF	Pesticide - Surface Eating	11.38	
32 01 90 39-0002	MSF	Pesticide - Subsurface Eating	11.41	
32 01 90 39-0003	MSF	Pesticide - Fungicide Application	12.10	
32 01 90 43		**Weed and Cultivate Beds** *(32 01 90)*		
32 01 90 43-0001	MSF	Weed Mulched Bed	44.75	
32 01 90 43-0002	MSF	Weed Unmulched Bed	127.85	
32 01 90 43-0003	MSF	Cultivate Bed	68.84	
32 01 90 46		**Hedge Trimming** *(32 01 90)*		
32 01 90 46-0001	LF	Trim 0-5' High Hedge, 0-3' Wide	5.91	
32 01 90 46-0002	LF	Trim 0-5' High Hedge, 4-6' Wide	8.87	
32 01 90 46-0003	LF	Trim 5-10' High Hedge, 0-3' Wide	13.43	
32 01 90 46-0004	LF	Trim 5-10' High Hedge, 4-6' Wide	13.68	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 53		**Plant Growth Regulator Application** *(32 01 90)*		
32 01 90 53-0001	EA	Plant Growth Regulator Application	6.05	

32 05 Common Work Results for Exterior Improvements *(32)*

32 05 23 Cement and Concrete for Exterior Improvements *(32 05)*

32 05 23 00-0001 Common Public Works Assemblies *(32 05 23)*
Note: Assembly task as per GreenBook Specifications

32 05 23 00-0002	SF	PCC Sidewalk Note: Assembly task as per GreenBook Specifications.	7.00
32 05 23 00-0003	LF	Curb And Gutter Note: Assembly task as per GreenBook Specifications.	34.00
32 05 23 00-0004	UNT	Surface Preperation And Crack Seal (Based on 3% of total cost of asphalt) Note: Assembly task as per GreenBook Specifications. County Representative to decide value.	1,000.00
32 05 23 00-0005	TON	>200 Ton Base Repair Note: Assembly task as per GreenBook Specifications.	175.00
32 05 23 00-0006	TON	<200 Ton Base Repair Note: Assembly task as per GreenBook Specifications.	150.00
32 05 23 00-0007	SF	Grinding Note: Assembly task as per GreenBook Specifications.	0.40
32 05 23 00-0008	SF	AC Taper with Key Note: Assembly task as per GreenBook Specifications.	0.62
32 05 23 00-0009	TON	Miscellaneous Paving Note: Assembly task as per GreenBook Specifications.	112.00
32 05 23 00-0010	MI	Shoulder Backing Note: Assembly task as per GreenBook Specifications.	15,940.00
32 05 23 00-0011	UNT	Traffic Control And Signage Note: Assembly task as per GreenBook Specifications.	1,000.00
32 05 23 00-0012	EA	Tree Removal Less Than 100" Girth Note: Assembly task as per GreenBook Specifications.	2,000.00
32 05 23 00-0013	EA	Tree Removal Over Than 100" Girth Note: Assembly task as per GreenBook Specifications.	4,000.00
32 05 23 00-0014	EA	Asphalt Index Adjustment Note: Assembly task as per GreenBook Specifications.	1.00

32 05 33 Common Work Results for Planting *(32 05)*

32 05 33 00-0001 Decorative Landscape Boulders *(32 05 33)*
Note: Includes delivery of materials and placement.

32 05 33 00-0002	EA	2' x 3' x 2' Oval Shape Boulders (approx 1000 lbs each)	326.78
32 05 33 00-0003	EA	3' x 3' x 2' Oval Shape Boulders (approx 1500 lbs each)	490.16
32 05 33 00-0004	EA	3' x 4' x 3' Oval Shape Boulders (approx 3000 lbs each)	980.33
32 05 33 00-0005	TON	Landscape Boulders	653.56

32 10 Bases, Ballasts, and Paving *(32)*

32 11 Base Courses *(32 10)*

32 11 16 Subbase Courses *(32 11)*

32 11 16 16 Aggregate Subbase Courses *(32 11 16)*

32 11 16 16-0001 Base And Subbase Courses For Roadways And Parking Areas *(32 11 16 16)*
Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 01 74 19 00-0048 for hauling greater than 15 miles.

32 11 16 16-0002 Base And Subbase Courses By The CY *(32 11 16 16-0001)*

32 11 16 16-0003	CY	Class II Graded Crushed Aggregate Roadway Base Course	91.59
32 11 16 16-0004	CY	Class III Graded Crushed Aggregate Roadway Base Course	88.44

32 11 16 16-0005 Class II Base Courses By The SY *(32 11 16 16-0001)*

32 11 16 16-0006	SY	2" Class II Graded Crushed Aggregate Base Course	5.04
		For Up To 500, Add	*1.32*
		For >500 To 1,000, Add	*0.50*
		For >5,000 To 10,000, Deduct	*-0.19*
		For >10,000, Deduct	*-0.33*
32 11 16 16-0007	SY	4" Class II Crushed Aggregate Base Course	10.07
		For Up To 500, Add	*2.64*
		For >500 To 1,000, Add	*1.01*
		For >5,000 To 10,000, Deduct	*-0.38*
		For >10,000, Deduct	*-0.65*
32 11 16 16-0008	SY	6" Class II Crushed Aggregate Base Course	15.11
		For Up To 500, Add	*3.96*
		For >500 To 1,000, Add	*1.51*
		For >5,000 To 10,000, Deduct	*-0.57*
		For >10,000, Deduct	*-0.98*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 11 16 16-0009	SY	9" Class II Crushed Aggregate Base Course	22.65	
		For Up To 500, Add	*5.93*	
		For >500 To 1,000, Add	*2.27*	
		For >5,000 To 10,000, Deduct	*-0.86*	
		For >10,000, Deduct	*-1.47*	
32 11 16 16-0010	SY	12" Class II Crushed Aggregate Base Course	30.20	
		For Up To 500, Add	*7.91*	
		For >500 To 1,000, Add	*3.02*	
		For >5,000 To 10,000, Deduct	*-1.15*	
		For >10,000, Deduct	*-1.96*	

32 11 23 Aggregate Base Courses *(32 11)*

32 11 23 16 Aggregate Base Courses *(32 11 23)*

32 11 23 16-0001 Base Courses For Sidewalk (Asphalt Or Concrete) *(32 11 23 16)*

Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 01 74 19 00-0048 for hauling greater than 15 miles.

32 11 23 16-0002	SF	2" Crushed Aggregate Base Course For Sidewalks	0.62	
		For Up To 1,000, Add	*0.17*	
		For >1,000 To 2,500, Add	*0.06*	
32 11 23 16-0003	SF	3" Crushed Aggregate Base Course For Sidewalks	0.87	
		For Up To 1,000, Add	*0.24*	
		For >1,000 To 2,500, Add	*0.09*	
32 11 23 16-0004	SF	4" Crushed Aggregate Base Course For Sidewalks	1.13	
		For Up To 1,000, Add	*0.32*	
		For >1,000 To 2,500, Add	*0.11*	
32 11 23 16-0005	SF	5" Crushed Aggregate Base Course For Sidewalks	1.46	
		For Up To 1,000, Add	*0.41*	
		For >1,000 To 2,500, Add	*0.15*	
32 11 23 16-0006	SF	6" Crushed Aggregate Base Course For Sidewalks	1.80	
		For Up To 1,000, Add	*0.50*	
		For >1,000 To 2,500, Add	*0.18*	
32 11 23 16-0007	SF	7" Crushed Aggregate Base Course For Sidewalks	2.07	
		For Up To 1,000, Add	*0.58*	
		For >1,000 To 2,500, Add	*0.21*	
32 11 23 16-0008	SF	8" Crushed Aggregate Base Course For Sidewalks	2.35	
		For Up To 1,000, Add	*0.66*	
		For >1,000 To 2,500, Add	*0.24*	

32 11 26 Asphaltic Base Courses *(32 11)*

32 11 26 19 Bituminous-Stabilized Base Courses *(32 11 26)*

32 11 26 19-0001 Bituminous-Stabilized Base Courses *(32 11 26 19)*

32 11 26 19-0002	CY	Bituminous Stabilized Base Course Note: 3/4" ASTM C33.	125.35	

32 12 Flexible Paving *(32 10)*

32 12 13 Preparatory Coats *(32 12)*

32 12 13 13 Tack Coats *(32 12 13)*

32 12 13 13-0001	SY	Tack Coat, 0.04 Gallon/SY	0.70	
		For Up To 150, Add	*0.14*	
		For >150 To 300, Add	*0.07*	
		For >300 To 500, Add	*0.04*	
		For >3,500 To 5,000, Deduct	*-0.02*	
		For >5,000, Deduct	*-0.04*	
32 12 13 13-0002	SY	Tack Coat, 0.05 Gallon/SY	0.79	
		For Up To 150, Add	*0.16*	
		For >150 To 300, Add	*0.08*	
		For >300 To 500, Add	*0.04*	
		For >3,500 To 5,000, Deduct	*-0.02*	
		For >5,000, Deduct	*-0.05*	
32 12 13 13-0003	SY	Tack Coat, 0.07 Gallon/SY	0.96	
		For Up To 150, Add	*0.20*	
		For >150 To 300, Add	*0.10*	
		For >300 To 500, Add	*0.05*	
		For >3,500 To 5,000, Deduct	*-0.02*	
		For >5,000, Deduct	*-0.06*	
32 12 13 13-0004	SY	Tack Coat, 0.08 Gallon/SY	1.04	
		For Up To 150, Add	*0.22*	
		For >150 To 300, Add	*0.10*	
		For >300 To 500, Add	*0.05*	
		For >3,500 To 5,000, Deduct	*-0.03*	
		For >5,000, Deduct	*-0.07*	
32 12 13 13-0005	SY	Tack Coat, 0.10 Gallon/SY	1.21	
		For Up To 150, Add	*0.27*	
		For >150 To 300, Add	*0.12*	
		For >300 To 500, Add	*0.06*	
		For >3,500 To 5,000, Deduct	*-0.03*	
		For >5,000, Deduct	*-0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 13 13-0006	SY	Tack Coat, 0.11 Gallon/SY	1.30	
		For Up To 150, Add	*0.29*	
		For >150 To 300, Add	*0.13*	
		For >300 To 500, Add	*0.07*	
		For >3,500 To 5,000, Deduct	*-0.03*	
		For >5,000, Deduct	*-0.09*	

32 12 13 19 Prime Coats *(32 12 13)*

32 12 13 19-0001	SY	Surface Prime Coat, 0.26 Gallon/SY	2.21	
		For Up To 150, Add	*0.51*	
		For >150 To 300, Add	*0.22*	
		For >300 To 500, Add	*0.11*	
		For >3,500 To 5,000, Deduct	*-0.06*	
		For >5,000, Deduct	*-0.16*	
32 12 13 19-0002	SY	Surface Prime Coat, 0.28 Gallon/SY	2.35	
		For Up To 150, Add	*0.54*	
		For >150 To 300, Add	*0.24*	
		For >300 To 500, Add	*0.12*	
		For >3,500 To 5,000, Deduct	*-0.06*	
		For >5,000, Deduct	*-0.17*	
32 12 13 19-0003	SY	Surface Prime Coat, 0.30 Gallon/SY	2.49	
		For Up To 150, Add	*0.58*	
		For >150 To 300, Add	*0.25*	
		For >300 To 500, Add	*0.12*	
		For >3,500 To 5,000, Deduct	*-0.06*	
		For >5,000, Deduct	*-0.18*	

32 12 16 Asphalt Paving *(32 12)*

32 12 16 13 Plant-Mix Asphalt Paving *(32 12 16)*

Note: Includes delivery up to 15 miles, placement, rolling, finishing and sweeping. Excludes base, tack or price coat, seal coats and roadway fabrics (where required). See CSI section 01 74 19 00-0048 for hauling greater than 15 miles, 32 11 00 00-0000 for base courses, 32 12 13 13-0000 for tack coats, 32 12 13 19-0000 for prime coats, 32 12 16 39-0000 for roadway fabrics, 32 12 36 00-0000 for seal coats.

32 12 16 13-0001 Intermediate Binder Courses, Hot Mix Asphalt (HMA) *(32 12 16 13)*

Note: Meets Caltrans requirements.

32 12 16 13-0002	TON	Bituminous Hot Mix Intermediate Binder Course 3,954 LB/CY Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.	174.01	
		For PG64-10 Asphalt, Add	*21.27*	
		For Warm Mix Additive, Add	*9.22*	
		For Up To 25, Add	*23.20*	
		For >25 To 50, Add	*12.73*	
		For >500 To 1,000, Deduct	*-7.56*	
		For >1,000 To 2,500, Deduct	*-13.70*	
		For >2,500 To 5,000, Deduct	*-21.26*	
		For >5,000, Deduct	*-30.46*	
32 12 16 13-0003	SY	1" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	9.82	
		For PG64-10 Asphalt, Add	*1.17*	
		For Up To 1,000, Add	*1.35*	
		For >1,000 To 2,000, Add	*0.75*	
		For >10,000 To 20,000, Deduct	*-0.43*	
		For >20,000 To 50,000, Deduct	*-0.78*	
		For >50,000 To 100,000, Deduct	*-1.21*	
		For >100,000, Deduct	*-1.74*	
32 12 16 13-0004	SY	1-1/2" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	14.60	
		For PG64-10 Asphalt, Add	*1.75*	
		For Up To 700, Add	*1.99*	
		For >700 To 1,400, Add	*1.10*	
		For >7,000 To 14,000, Deduct	*-0.64*	
		For >14,000 To 32,000, Deduct	*-1.17*	
		For >32,000 To 64,000, Deduct	*-1.81*	
		For >64,000, Deduct	*-2.60*	
32 12 16 13-0005	SY	2" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	18.94	
		For PG64-10 Asphalt, Add	*2.34*	
		For Up To 500, Add	*2.50*	
		For >500 To 1,000, Add	*1.37*	
		For >5,000 To 10,000, Deduct	*-0.85*	
		For >10,000 To 24,000, Deduct	*-1.54*	
		For >24,000 To 48,000, Deduct	*-2.38*	
		For >48,000, Deduct	*-3.42*	
32 12 16 13-0006	SY	2-1/2" Thick Bituminous Hot Mix Intermediate Binder Course Note: Includes placement, rolling, finishing and sweeping.	23.89	
		For PG64-10 Asphalt, Add	*2.92*	
		For Up To 400, Add	*3.19*	
		For >400 To 800, Add	*1.75*	
		For >4,000 To 8,000, Deduct	*-1.06*	
		For >8,000 To 20,000, Deduct	*-1.93*	
		For >20,000 To 40,000, Deduct	*-2.99*	
		For >40,000, Deduct	*-4.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0007	SY	3" Thick Bituminous Hot Mix Intermediate Binder Course	28.66	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*3.50*	
		For Up To 340, Add	*3.82*	
		For >340 To 680, Add	*3.26*	
		For >3,400 To 6,800, Deduct	*-1.27*	
		For >6,800 To 17,000, Deduct	*-2.31*	
		For >17,000 To 34,000, Deduct	*-3.59*	
		For >34,000, Deduct	*-5.15*	
32 12 16 13-0008	SY	3-1/2" Thick Bituminous Hot Mix Intermediate Binder Course	33.44	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*4.09*	
		For Up To 280, Add	*4.46*	
		For >280 To 560, Add	*2.45*	
		For >2,800 To 5,600, Deduct	*-1.49*	
		For >5,600 To 14,000, Deduct	*-2.70*	
		For >14,000 To 28,000, Deduct	*-4.19*	
		For >28,000, Deduct	*-6.01*	
32 12 16 13-0009	SY	4" Thick Bituminous Hot Mix Intermediate Binder Course	38.22	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*4.67*	
		For Up To 250, Add	*5.10*	
		For >250 To 500, Add	*2.80*	
		For >2,500 To 5,000, Deduct	*-1.70*	
		For >5,000 To 12,000, Deduct	*-3.09*	
		For >12,000 To 24,000, Deduct	*-4.78*	
		For >24,000, Deduct	*-6.87*	
32 12 16 13-0010	SY	5" Thick Bituminous Hot Mix Intermediate Binder Course	47.77	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*5.84*	
		For Up To 200, Add	*6.37*	
		For >200 To 400, Add	*3.49*	
		For >2,000 To 4,000, Deduct	*-2.12*	
		For >4,000 To 10,000, Deduct	*-3.86*	
		For >10,000 To 20,000, Deduct	*-5.98*	
		For >20,000, Deduct	*-8.58*	
32 12 16 13-0011	SY	6" Thick Bituminous Hot Mix Intermediate Binder Course	57.33	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*7.01*	
		For Up To 160, Add	*7.64*	
		For >160 To 320, Add	*4.19*	
		For >1,600 To 3,200, Deduct	*-2.55*	
		For >3,200 To 8,000, Deduct	*-4.63*	
		For >8,000 To 16,000, Deduct	*-7.18*	
		For >16,000, Deduct	*-10.30*	
32 12 16 13-0012		Surface Wearing Courses, Hot Mix Asphalt (HMA) *(32 12 16 13)*		
		Note: Meets Caltrans requirements.		
32 12 16 13-0013	TON	Bituminous Hot Mix Surface Course 3954 LB/CY	175.59	
		Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
		For PG64-10 Asphalt, Add	*3.38*	
		For Warm Mix Additive, Add	*8.79*	
		For Up To 25, Add	*24.81*	
		For >25 To 50, Add	*13.82*	
		For >500 To 1,000, Deduct	*-7.35*	
		For >1,000 To 2,500, Deduct	*-13.35*	
		For >2,500 To 5,000, Deduct	*-20.70*	
		For >5,000, Deduct	*-29.70*	
32 12 16 13-0014	TON	Tire Rubber Modified Paving Asphalt (TRMAC) Surface Course (MAC-15TR)	194.48	
		Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
		For Warm Mix Additive, Add	*9.59*	
		For Up To 25, Add	*27.91*	
		For >25 To 50, Add	*15.60*	
		For >500 To 1,000, Deduct	*-8.06*	
		For >1,000 To 2,500, Deduct	*-14.64*	
		For >2,500 To 5,000, Deduct	*-22.70*	
		For >5,000, Deduct	*-32.57*	
32 12 16 13-0015	TON	Asphalt Rubberized Hot Mix (ARHM) Surface Course	208.01	
		Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
		For Warm Mix Additive, Add	*10.47*	
		For Up To 25, Add	*29.26*	
		For >25 To 50, Add	*16.28*	
		For >500 To 1,000, Deduct	*-8.73*	
		For >1,000 To 2,500, Deduct	*-15.86*	
		For >2,500 To 5,000, Deduct	*-24.59*	
		For >5,000, Deduct	*-35.28*	
32 12 16 13-0016	SY	1" Thick Bituminous Hot Mix Surface Wearing Course	9.52	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.18*	
		For Up To 1,000, Add	*1.39*	
		For >1,000 To 2,000, Add	*0.78*	
		For >10,000 To 20,000, Deduct	*-0.40*	
		For >20,000 To 50,000, Deduct	*-0.74*	
		For >50,000 To 100,000, Deduct	*-1.14*	
		For >100,000, Deduct	*-1.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0017	SY	1-1/2" Thick Bituminous Hot Mix Surface Wearing Course	14.12	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.27*	
		For Up To 700, Add	*2.04*	
		For >700 To 1,400, Add	*1.14*	
		For >7,000 To 14,000, Deduct	*-0.60*	
		For >14,000 To 32,000, Deduct	*-1.10*	
		For >32,000 To 64,000, Deduct	*-1.70*	
		For >64,000, Deduct	*-2.44*	
32 12 16 13-0018	SY	2" Thick Bituminous Hot Mix Surface Wearing Course	18.20	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.35*	
		For Up To 500, Add	*2.54*	
		For >500 To 1,000, Add	*1.41*	
		For >5,000 To 10,000, Deduct	*-0.79*	
		For >10,000 To 24,000, Deduct	*-1.44*	
		For >24,000 To 48,000, Deduct	*-2.23*	
		For >48,000, Deduct	*-3.20*	
32 12 16 13-0019	SY	2-1/2" Thick Bituminous Hot Mix Surface Wearing Course	23.01	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.44*	
		For Up To 400, Add	*3.25*	
		For >400 To 800, Add	*1.81*	
		For >4,000 To 8,000, Deduct	*-0.99*	
		For >8,000 To 20,000, Deduct	*-1.81*	
		For >20,000 To 40,000, Deduct	*-2.80*	
		For >40,000, Deduct	*-4.02*	
32 12 16 13-0020	SY	3" Thick Bituminous Hot Mix Surface Wearing Course	27.62	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.53*	
		For Up To 340, Add	*3.90*	
		For >340 To 680, Add	*3.24*	
		For >3,400 To 6,800, Deduct	*-1.19*	
		For >6,800 To 17,000, Deduct	*-2.17*	
		For >17,000 To 34,000, Deduct	*-3.36*	
		For >34,000, Deduct	*-4.83*	
32 12 16 13-0021	CSF	Type F Asphalt Surface Cap 1/8" To 1/4" Thick For Use Only On Top Concrete Filled Trench	92.10	

32 12 16 13-0022 Hand Placed, Hot Mix Asphalt (HMA) *(32 12 16 13)*

32 12 16 13-0023	TON	Hand Placed Hot Mixed Asphalt 3,954 LB/CY	404.62	
		Note: For small areas not reachable by machine. Includes placement, rolling, finishing and sweeping.		

32 12 16 19 Cold-Mix Asphalt Paving *(32 12 16)*

Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.

32 12 16 19-0001 Cold Mix Asphalt (CMA) Pavement *(32 12 16 19)*

Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.

32 12 16 19-0002	SY	Cold Laid Asphalt Pavement, Traveling Plant Mixed In Windrows, Compacted 4" Course	15.43	
32 12 16 19-0003	SY	Cold Laid Asphalt Pavement, Rotary Plant Mixed In Place, Compacted 4" Course	15.05	
32 12 16 19-0004	SY	Cold Laid Asphalt Pavement, Central Stationary Plant, Mixed, Compacted 4" Course	24.85	

32 12 16 39 Paving Fabrics *(32 12 16)*

See CSI section 31 32 19 16-0000 for geotextile fabric.

32 12 16 39-0001 Geotextile Paving Fabrics *(32 12 16 39)*

32 12 16 39-0002	SY	3.6 Ounce/SY, 90 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-38A/O)	2.16	
		For Up To 50, Add	*0.47*	
		For >50 To 150, Add	*0.35*	
		For >150 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.12*	
32 12 16 39-0003	SY	4.1 Ounce/SY, 101 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-42 A/O)	2.33	
		For Up To 50, Add	*0.51*	
		For >50 To 150, Add	*0.38*	
		For >150 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.12*	

32 12 16 43 Waterproofing Membranes *(32 12 16)*

32 12 16 43-0001 Waterproofing Membranes *(32 12 16 43)*

32 12 16 43-0002	SY	Up To 500 SY, Preformed Rubberized Asphalt Membrane	39.16	
32 12 16 43-0003	SY	>500 To 1,000 SY, Preformed Rubberized Asphalt Membrane	29.58	
32 12 16 43-0004	SY	>1,000 SY, Preformed Rubberized Asphalt Membrane	18.74	

32 12 33 Flexible Paving Surface Treatments *(32 12)*

32 12 33 00-0001 Bituminous Surface Treatment For Roadways *(32 12 33)*

Note: 0.25 Gal bitumen per SY and 30 lb of gravel/SY.

32 12 33 00-0002	SY	Single Course Bituminous Treatment, Prepare And Clean Surface Roadway	3.57	
32 12 33 00-0003	SY	Double Course Bituminous Treatment, Prepare And Clean Surface Roadway	6.38	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 33 00-0004		Bituminous Surface Treatment For Trails *(32 12 33)* Note: 0.25 Gal bitumen per SY and 20 lb of gravel/SY.		
32 12 33 00-0005	SY	Bituminous Surface Treatment, For Trails	2.51	
32 12 36		**Seal Coats** *(32 12)* See CSI section 32 01 13 62-0000 for slurry seal.		
32 12 36 13		**Asphaltic Seal and Fog Coats** *(32 12 36)*		
32 12 36 13-0001		Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13)* Note: Includes initial sweeping prior to placement, cleaning of area, rolling and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping.		
32 12 36 13-0002		Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)* Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.		
32 12 36 13-0003	SY	Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.01	
		For Each Additional 0.5% Latex Additive, Add	*0.50*	
32 12 36 13-0004	SY	>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.53	
		For Each Additional 0.5% Latex Additive, Add	*0.50*	
32 12 36 13-0005	SY	>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.33	
		For Each Additional 0.5% Latex Additive, Add	*0.50*	
32 12 36 13-0006	SY	>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.08	
		For Each Additional 0.5% Latex Additive, Add	*0.50*	
32 12 36 13-0007	SY	>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.96	
		For Each Additional 0.5% Latex Additive, Add	*0.50*	
32 12 36 13-0008	SY	>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.86	
		For Each Additional 0.5% Latex Additive, Add	*0.50*	
32 12 36 13-0009	SY	>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.73	
		For Each Additional 0.5% Latex Additive, Add	*0.50*	
32 12 36 13-0010	SY	>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.66	
		For Each Additional 0.5% Latex Additive, Add	*0.50*	
32 12 36 13-0011		Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)* Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.		
32 12 36 13-0012	SY	Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.83	
		For Each Additional 0.5% Latex Additive, Add	*0.62*	
32 12 36 13-0013	SY	>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.29	
		For Each Additional 0.5% Latex Additive, Add	*0.62*	
32 12 36 13-0014	SY	>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.03	
		For Each Additional 0.5% Latex Additive, Add	*0.62*	
32 12 36 13-0015	SY	>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.90	
		For Each Additional 0.5% Latex Additive, Add	*0.62*	
32 12 36 13-0016	SY	>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.59	
		For Each Additional 0.5% Latex Additive, Add	*0.62*	
32 12 36 13-0017	SY	>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.41	
		For Each Additional 0.5% Latex Additive, Add	*0.62*	
32 12 36 13-0018	SY	>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.27	
		For Each Additional 0.5% Latex Additive, Add	*0.62*	
32 12 36 13-0019	SY	>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.19	
		For Each Additional 0.5% Latex Additive, Add	*0.62*	
32 12 36 13-0020		Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)* Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.		
32 12 36 13-0021	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.53	
		For Each Additional 0.5% Latex Additive, Add	*0.74*	
32 12 36 13-0022	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.93	
		For Each Additional 0.5% Latex Additive, Add	*0.74*	
32 12 36 13-0023	SY	>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.63	
		For Each Additional 0.5% Latex Additive, Add	*0.74*	
32 12 36 13-0024	SY	>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.29	
		For Each Additional 0.5% Latex Additive, Add	*0.74*	
32 12 36 13-0025	SY	>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.10	
		For Each Additional 0.5% Latex Additive, Add	*0.74*	
32 12 36 13-0026	SY	>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.85	
		For Each Additional 0.5% Latex Additive, Add	*0.74*	
32 12 36 13-0027	SY	>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.67	
		For Each Additional 0.5% Latex Additive, Add	*0.74*	
32 12 36 13-0028	SY	>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.58	
		For Each Additional 0.5% Latex Additive, Add	*0.74*	
32 12 36 13-0029		Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)* Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.		
32 12 36 13-0030	SY	Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.61	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 13-0031	SY	>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.00	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0032	SY	>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.70	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0033	SY	>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.36	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0034	SY	>5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.18	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0035	SY	>10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.01	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0036	SY	>20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.75	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0037	SY	>50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.66	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	

32 12 36 13-0038 Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: First coat 23 to 30 Pounds Per SY of 1/2" No. 4 with 0.20 to 0.35 gallons asphalt emulsion per SY, Second coat 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.20 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0039	SY	Up To 200 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	9.99	
		For Each Additional 0.5% Latex Additive, Add	*1.23*	
32 12 36 13-0040	SY	>200 To 500 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	9.20	
		For Each Additional 0.5% Latex Additive, Add	*1.23*	
32 12 36 13-0041	SY	>500 To 1,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.76	
		For Each Additional 0.5% Latex Additive, Add	*1.23*	
32 12 36 13-0042	SY	>1,000 To 5,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.26	
		For Each Additional 0.5% Latex Additive, Add	*1.23*	
32 12 36 13-0043	SY	>5,000 To 10,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.98	
		For Each Additional 0.5% Latex Additive, Add	*1.23*	
32 12 36 13-0044	SY	>10,000 To 20,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.65	
		For Each Additional 0.5% Latex Additive, Add	*1.23*	
32 12 36 13-0045	SY	>20,000 To 50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.39	
		For Each Additional 0.5% Latex Additive, Add	*1.23*	
32 12 36 13-0046	SY	>50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.26	
		For Each Additional 0.5% Latex Additive, Add	*1.23*	

32 12 36 13-0047 Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13)*

Note: Includes initial sweeping prior to placement, cleaning of area, towed broomo sled of scrub brush and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping. See CSI section 32 12 36 13-0084 for fog seal.

32 12 36 13-0048 Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0049	SY	Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.55	
		For Each Additional 0.5% Latex Additive, Add	*0.50*	
32 12 36 13-0050	SY	>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.28	
		For Each Additional 0.5% Latex Additive, Add	*0.50*	
32 12 36 13-0051	SY	>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.08	
		For Each Additional 0.5% Latex Additive, Add	*0.50*	
32 12 36 13-0052	SY	>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.88	
		For Each Additional 0.5% Latex Additive, Add	*0.50*	
32 12 36 13-0053	SY	>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.78	
		For Each Additional 0.5% Latex Additive, Add	*0.50*	
32 12 36 13-0054	SY	>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.68	
		For Each Additional 0.5% Latex Additive, Add	*0.50*	
32 12 36 13-0055	SY	>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.57	
		For Each Additional 0.5% Latex Additive, Add	*0.50*	
32 12 36 13-0056	SY	>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.54	
		For Each Additional 0.5% Latex Additive, Add	*0.50*	

32 12 36 13-0057 Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.

32 12 36 13-0058	SY	Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.39	
		For Each Additional 0.5% Latex Additive, Add	*0.62*	
32 12 36 13-0059	SY	>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.07	
		For Each Additional 0.5% Latex Additive, Add	*0.62*	
32 12 36 13-0060	SY	>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.86	
		For Each Additional 0.5% Latex Additive, Add	*0.62*	
32 12 36 13-0061	SY	>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.71	
		For Each Additional 0.5% Latex Additive, Add	*0.62*	
32 12 36 13-0062	SY	>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.43	
		For Each Additional 0.5% Latex Additive, Add	*0.62*	
32 12 36 13-0063	SY	>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.25	
		For Each Additional 0.5% Latex Additive, Add	*0.62*	
32 12 36 13-0064	SY	>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.11	
		For Each Additional 0.5% Latex Additive, Add	*0.62*	
32 12 36 13-0065	SY	>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.06	
		For Each Additional 0.5% Latex Additive, Add	*0.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 12 36 13-0066 Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0067	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.15	
		For Each Additional 0.5% Latex Additive, Add	*0.74*	
32 12 36 13-0068	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.73	
		For Each Additional 0.5% Latex Additive, Add	*0.74*	
32 12 36 13-0069	SY	>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.44	
		For Each Additional 0.5% Latex Additive, Add	*0.74*	
32 12 36 13-0070	SY	>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.12	
		For Each Additional 0.5% Latex Additive, Add	*0.74*	
32 12 36 13-0071	SY	>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.93	
		For Each Additional 0.5% Latex Additive, Add	*0.74*	
32 12 36 13-0072	SY	>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.68	
		For Each Additional 0.5% Latex Additive, Add	*0.74*	
32 12 36 13-0073	SY	>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.51	
		For Each Additional 0.5% Latex Additive, Add	*0.74*	
32 12 36 13-0074	SY	>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.45	
		For Each Additional 0.5% Latex Additive, Add	*0.74*	

32 12 36 13-0075 Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) *(32 12 36 13-0047)*

Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0076	SY	Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	6.23	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0077	SY	>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.82	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0078	SY	>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.52	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0079	SY	>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.18	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0080	SY	>5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	5.00	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0081	SY	>10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.84	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0082	SY	>20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.61	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0083	SY	>50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.54	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	

32 12 36 13-0084 Fog Seal, CQS-1h *(32 12 36 13)*

Note: A fog seal is a light application of diluted, slow-setting asphalt emulsion without aggregate cover. Includes sweeping and cleaning of area.

32 12 36 13-0085	SY	Up To 200 SY, CQS-1h, Fog Seal	1.81
32 12 36 13-0086	SY	>200 To 500 SY, CQS-1h, Fog Seal	1.31
32 12 36 13-0087	SY	>500 To 1,000 SY, CQS-1h, Fog Seal	1.10
32 12 36 13-0088	SY	>1,000 To 5,000 SY, CQS-1h, Fog Seal	0.95
32 12 36 13-0089	SY	>5,000 To 10,000 SY, CQS-1h, Fog Seal	0.85
32 12 36 13-0090	SY	>10,000 To 20,000 SY, CQS-1h, Fog Seal	0.78
32 12 36 13-0091	SY	>20,000 To 50,000 SY, CQS-1h, Fog Seal	0.73
32 12 36 13-0092	SY	>50,000 SY, CQS-1h, Fog Seal	0.70

32 12 36 13-0093 Sand Sealer *(32 12 36 13)*

Note: A sand seal is an application of asphalt binder followed by placement of a layer of sand or fine aggregate, and then rolled to embed the sand or fine aggregate into the binder. Includes sweeping and cleaning of area.

32 12 36 13-0094	SY	Up To 200 SY, Sand Seal	2.74
32 12 36 13-0095	SY	>200 To 500 SY, Sand Seal	1.82
32 12 36 13-0096	SY	>500 To 1,000 SY, Sand Seal	1.80
32 12 36 13-0097	SY	>1,000 To 5,000 SY, Sand Seal	1.59
32 12 36 13-0098	SY	>5,000 To 10,000 SY, Sand Seal	1.47
32 12 36 13-0099	SY	>10,000 To 20,000 SY, Sand Seal	1.37
32 12 36 13-0100	SY	>20,000 To 50,000 SY, Sand Seal	1.30
32 12 36 13-0101	SY	>50,000 SY, Sand Seal	1.28

32 12 36 16 Coal Tar Seal Coats *(32 12 36)*

32 12 36 16-0001 Thermoplastic Coal-Tar Asphalt Seal *(32 12 36 16)*

Note: Includes sweeping and cleaning of area.

32 12 36 16-0002	SY	Up To 500 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	14.36
32 12 36 16-0003	SY	>500 To 1,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	13.48
32 12 36 16-0004	SY	>1,000 To 5,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	11.88
32 12 36 16-0005	SY	>5,000 To 20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	10.65
32 12 36 16-0006	SY	>20,000 To 50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	9.04
32 12 36 16-0007	SY	>50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	7.44
32 12 36 16-0008	SY	Up To 500 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	17.40
32 12 36 16-0009	SY	>500 To 1,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	16.42
32 12 36 16-0010	SY	>1,000 To 5,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	14.51
32 12 36 16-0011	SY	>5,000 To 20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	13.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 16-0012	SY	>20,000 To 50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	11.14	
32 12 36 16-0013	SY	>50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	9.23	

32 12 36 23 Fuel-Resistant Sealers *(32 12 36)*

32 12 36 23-0001 Guardtop Seal Coat *(32 12 36 23)*

Note: Includes sweeping and cleaning of area.

32 12 36 23-0002	SY	GuardTop® Asphalt Based Sealcoat (Two Coats)	3.09	
		For 3% Polyglass Additive, Add	*0.40*	
		For 6% Polyglass Additive, Add	*0.72*	
		For Guardtop Black Sand 60 Mesh Additive (At 3 Pounds Per Gallon), Add	*0.27*	
32 12 36 23-0003	LF	GuardTop® Cold Pour Crack Filler	1.29	
32 12 36 23-0004	LF	GuardTop® Hot Pour Crack Filler	1.47	
32 12 36 23-0005	SY	GuardTop® Oil Spot Primer For Asphalt	5.69	
32 12 36 23-0006	SY	GuardTop® Ultra, Polymer Modified, Asphalt Based Sealcoat (Two Coats)	4.12	
		For 3% Polyglass Additive, Add	*0.40*	
		For 6% Polyglass Additive, Add	*0.72*	
		For Guardtop Black Sand 60 Mesh Additive (At 3 Pounds Per Gallon), Add	*0.27*	

32 12 43 Porous Flexible Paving *(32 12)*

32 12 43 00-0001 Flexible Recycled Plastic Porous Grid *(32 12 43)*

Note: Includes sand fill in rings. Excludes base, earth work and grass or sod.

32 12 43 00-0002	SY	1" Thick, Recycled Plastic Flexible Pavement With Sand Fill	37.05	
		Note: Includes sand fill in rings. Excludes base, earth work and grass or sod. Invisible Structures, Inc.; Grasspave2.		
		For Up To 100, Add	*12.20*	
		For >100 To 500, Add	*3.03*	
		For >1,000 To 5,000, Deduct	*-1.18*	
		For >5,000, Deduct	*-2.52*	

32 12 73 Asphalt Paving Joint Sealants *(32 12)*

32 12 73 00-0001 Expansion Joint In Sidewalk *(32 12 73)*

32 12 73 00-0002	LF	For Hot Asphalt Poured Over Expansion Joint In Sidewalk	3.65	

32 13 Rigid Paving *(32 10)*

32 13 13 Concrete Paving *(32 13)*

Note: The following section includes spreading and placing delivered Portland cement concrete mix.

32 13 13 33 Plain Concrete Paving *(32 13 13)*

32 13 13 33-0001 Concrete Paving Assemblies *(32 13 13 33)*

Note: Includes forms, wire mesh (where necessary), two mat layers #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03 05 13 00-0001 for color additive.

32 13 13 33-0002 4,500 PSI Concrete Paving Assembly *(32 13 13 33-0001)*

32 13 13 33-0003	SY	4" 4,500 PSI Concrete Paving Assembly	58.80	
		For 2,500 PSI Concrete, Deduct	*-3.38*	
		For 3,000 PSI Concrete, Deduct	*-2.20*	
		For 3,500 PSI Concrete, Deduct	*-1.76*	
		For 4,000 PSI Concrete, Deduct	*-0.76*	
		For 5,000 PSI Concrete, Add	*0.47*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*3.82*	
		For <12' Wide Pass, Add	*10.29*	
		For 24' Or Greater Wide Pass, Deduct	*-11.76*	
		For Air Entrainment, Add	*1.47*	
		For Slipforming, Deduct	*-5.88*	
		For Up To 100, Add	*23.53*	
		For >100 To 250, Add	*13.23*	
		For >250 To 500, Add	*6.62*	
		For >1,000 To 2,000, Deduct	*-1.47*	
		For >2,000 To 5,000, Deduct	*-2.94*	
		For >5,000 To 10,000, Deduct	*-4.41*	
		For >10,000 To 20,000, Deduct	*-5.88*	
		For >20,000, Deduct	*-7.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0004	SY	5" 4,500 PSI Concrete Paving Assembly	69.57	
		For 2,500 PSI Concrete, Deduct	*-4.24*	
		For 3,000 PSI Concrete, Deduct	*-2.77*	
		For 3,500 PSI Concrete, Deduct	*-2.21*	
		For 4,000 PSI Concrete, Deduct	*-0.96*	
		For 5,000 PSI Concrete, Add	*0.59*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*4.79*	
		For <12' Wide Pass, Add	*11.86*	
		For 24' Or Greater Wide Pass, Deduct	*-13.91*	
		For Air Entrainment, Add	*1.84*	
		For Slipforming, Deduct	*-6.96*	
		For Up To 100, Add	*26.99*	
		For >100 To 250, Add	*15.34*	
		For >250 To 500, Add	*7.67*	
		For >1,000 To 2,000, Deduct	*-1.84*	
		For >2,000 To 5,000, Deduct	*-3.58*	
		For >5,000 To 10,000, Deduct	*-5.32*	
		For >10,000 To 20,000, Deduct	*-7.06*	
		For >20,000, Deduct	*-8.80*	
32 13 13 33-0005	SY	6" 4,500 PSI Concrete Paving Assembly	74.32	
		For 2,500 PSI Concrete, Deduct	*-4.47*	
		For 3,000 PSI Concrete, Deduct	*-2.92*	
		For 3,500 PSI Concrete, Deduct	*-2.33*	
		For 4,000 PSI Concrete, Deduct	*-1.01*	
		For 5,000 PSI Concrete, Add	*0.62*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*5.06*	
		For <12' Wide Pass, Add	*12.75*	
		For 24' Or Greater Wide Pass, Deduct	*-14.86*	
		For Air Entrainment, Add	*1.94*	
		For Slipforming, Deduct	*-7.43*	
		For Up To 100, Add	*29.04*	
		For >100 To 250, Add	*16.46*	
		For >250 To 500, Add	*8.23*	
		For >1,000 To 2,000, Deduct	*-1.94*	
		For >2,000 To 5,000, Deduct	*-3.80*	
		For >5,000 To 10,000, Deduct	*-5.66*	
		For >10,000 To 20,000, Deduct	*-7.52*	
		For >20,000, Deduct	*-9.38*	
32 13 13 33-0006	SY	7" 4,500 PSI Concrete Paving Assembly	88.30	
		For 2,500 PSI Concrete, Deduct	*-5.64*	
		For 3,000 PSI Concrete, Deduct	*-3.68*	
		For 3,500 PSI Concrete, Deduct	*-2.94*	
		For 4,000 PSI Concrete, Deduct	*-1.28*	
		For 5,000 PSI Concrete, Add	*0.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*6.38*	
		For <12' Wide Pass, Add	*14.72*	
		For 24' Or Greater Wide Pass, Deduct	*-17.66*	
		For Air Entrainment, Add	*2.45*	
		For Slipforming, Deduct	*-8.83*	
		For Up To 100, Add	*33.36*	
		For >100 To 250, Add	*19.13*	
		For >250 To 500, Add	*9.57*	
		For >1,000 To 2,000, Deduct	*-2.45*	
		For >2,000 To 5,000, Deduct	*-4.66*	
		For >5,000 To 10,000, Deduct	*-6.87*	
		For >10,000 To 20,000, Deduct	*-9.08*	
		For >20,000, Deduct	*-11.28*	
32 13 13 33-0007	SY	8" 4,500 PSI Concrete Paving Assembly	100.92	
		For 2,500 PSI Concrete, Deduct	*-6.19*	
		For 3,000 PSI Concrete, Deduct	*-4.04*	
		For 3,500 PSI Concrete, Deduct	*-3.23*	
		For 4,000 PSI Concrete, Deduct	*-1.40*	
		For 5,000 PSI Concrete, Add	*0.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*7.00*	
		For <12' Wide Pass, Add	*17.16*	
		For 24' Or Greater Wide Pass, Deduct	*-20.18*	
		For Air Entrainment, Add	*2.69*	
		For Slipforming, Deduct	*-10.09*	
		For Up To 100, Add	*39.02*	
		For >100 To 250, Add	*22.20*	
		For >250 To 500, Add	*11.10*	
		For >1,000 To 2,000, Deduct	*-2.69*	
		For >2,000 To 5,000, Deduct	*-5.21*	
		For >5,000 To 10,000, Deduct	*-7.74*	
		For >10,000 To 20,000, Deduct	*-10.26*	
		For >20,000, Deduct	*-12.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0008	SY	9" 4,500 PSI Concrete Paving Assembly	114.20	
		For 2,500 PSI Concrete, Deduct	*-7.15*	
		For 3,000 PSI Concrete, Deduct	*-4.67*	
		For 3,500 PSI Concrete, Deduct	*-3.73*	
		For 4,000 PSI Concrete, Deduct	*-1.62*	
		For 5,000 PSI Concrete, Add	*1.00*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*8.09*	
		For <12' Wide Pass, Add	*19.22*	
		For 24' Or Greater Wide Pass, Deduct	*-22.84*	
		For Air Entrainment, Add	*3.11*	
		For Slipforming, Deduct	*-11.42*	
		For Up To 100, Add	*43.64*	
		For >100 To 250, Add	*24.93*	
		For >250 To 500, Add	*12.46*	
		For >1,000 To 2,000, Deduct	*-3.11*	
		For >2,000 To 5,000, Deduct	*-5.97*	
		For >5,000 To 10,000, Deduct	*-8.82*	
		For >10,000 To 20,000, Deduct	*-11.66*	
		For >20,000, Deduct	*-14.53*	
32 13 13 33-0009	SY	10" 4,500 PSI Concrete Paving Assembly	127.29	
		For 2,500 PSI Concrete, Deduct	*-7.87*	
		For 3,000 PSI Concrete, Deduct	*-5.13*	
		For 3,500 PSI Concrete, Deduct	*-4.11*	
		For 4,000 PSI Concrete, Deduct	*-1.78*	
		For 5,000 PSI Concrete, Add	*1.09*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*8.90*	
		For <12' Wide Pass, Add	*21.56*	
		For 24' Or Greater Wide Pass, Deduct	*-25.46*	
		For Air Entrainment, Add	*3.42*	
		For Slipforming, Deduct	*-12.73*	
		For Up To 100, Add	*49.00*	
		For >100 To 250, Add	*27.92*	
		For >250 To 500, Add	*13.96*	
		For >1,000 To 2,000, Deduct	*-3.42*	
		For >2,000 To 5,000, Deduct	*-6.60*	
		For >5,000 To 10,000, Deduct	*-9.79*	
		For >10,000 To 20,000, Deduct	*-12.97*	
		For >20,000, Deduct	*-16.15*	
32 13 13 33-0010	SY	12" 4,500 PSI Concrete Paving Assembly	151.66	
		For 2,500 PSI Concrete, Deduct	*-9.32*	
		For 3,000 PSI Concrete, Deduct	*-6.08*	
		For 3,500 PSI Concrete, Deduct	*-4.86*	
		For 4,000 PSI Concrete, Deduct	*-2.11*	
		For 5,000 PSI Concrete, Add	*1.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*10.53*	
		For <12' Wide Pass, Add	*25.76*	
		For 24' Or Greater Wide Pass, Deduct	*-30.33*	
		For Air Entrainment, Add	*4.05*	
		For Slipforming, Deduct	*-15.17*	
		For Up To 100, Add	*58.58*	
		For >100 To 250, Add	*33.34*	
		For >250 To 500, Add	*16.67*	
		For >1,000 To 2,000, Deduct	*-4.05*	
		For >2,000 To 5,000, Deduct	*-7.84*	
		For >5,000 To 10,000, Deduct	*-11.63*	
		For >10,000 To 20,000, Deduct	*-15.43*	
		For >20,000, Deduct	*-19.22*	
32 13 13 33-0011	SY	15" 4,500 PSI Concrete Paving Assembly	193.25	
		For 2,500 PSI Concrete, Deduct	*-11.44*	
		For 3,000 PSI Concrete, Deduct	*-7.46*	
		For 3,500 PSI Concrete, Deduct	*-5.97*	
		For 4,000 PSI Concrete, Deduct	*-2.59*	
		For 5,000 PSI Concrete, Add	*1.59*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.94*	
		For <12' Wide Pass, Add	*33.39*	
		For 24' Or Greater Wide Pass, Deduct	*-38.65*	
		For Air Entrainment, Add	*4.98*	
		For Slipforming, Deduct	*-19.33*	
		For Up To 100, Add	*76.15*	
		For >100 To 250, Add	*43.05*	
		For >250 To 500, Add	*21.53*	
		For >1,000 To 2,000, Deduct	*-4.98*	
		For >2,000 To 5,000, Deduct	*-9.81*	
		For >5,000 To 10,000, Deduct	*-14.64*	
		For >10,000 To 20,000, Deduct	*-19.47*	
		For >20,000, Deduct	*-24.30*	

32 13 16 Decorative Concrete Paving *(32 13)*

32 13 16 13 Patterned Concrete Paving *(32 13 16)*

See CSI section 32 17 26 00-0000 for tactile warning surfaces.

32 13 16 13-0001	SF	For Patterned (Tactile) Finish In Concrete Sidewalk	4.64	

32 13 43 Pervious Concrete Paving *(32 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 43 00-0001		**Pervious Concrete Assembly** *(32 13 43)* Note: Pervious concrete is a special concrete mix with high porosity that allows water to pass through it. For paving and sidewalks.		
32 13 43 00-0002	SF	6" Thick, 15-25% Porosity, Minimum 115 PCF, Pervious Concrete Paving Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.	17.58	
		For >5,000 To 30,000, Deduct	*-1.88*	
		For >30,000 To 100,000, Deduct	*-3.43*	
		For >100,000, Deduct	*-4.26*	
32 13 43 00-0003	SF	9" Thick, 15-25% Porosity, Minimum 115 PCF, Pervious Concrete Paving Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.	22.31	
		For >5,000 To 30,000, Deduct	*-2.31*	
		For >30,000 To 100,000, Deduct	*-4.15*	
		For >100,000, Deduct	*-5.16*	
32 13 73		**Concrete Paving Joint Sealants** *(32 13)*		
32 13 73 13		**Fuel-Resistant Concrete Paving Joint Sealants** *(32 13 73)*		
32 13 73 13-0001		Concrete Pavement Joint And Crack Repair *(32 13 73 13)* Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.		
32 13 73 13-0002	LF	Pavement Sealing, Roads Resealing Joints In Concrete Pavements For Roads	8.45	
32 13 73 16		**Field-Molded Concrete Paving Joint Sealants** *(32 13 73)*		
32 13 73 16-0001		Preformed Elastomeric Concrete Pavement Joint And Crack Repair *(32 13 73 16)* Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.		
32 13 73 16-0002	LF	Joint Sealing, Concrete Pavement Preformed Elastomeric	14.71	
32 13 73 19		**Compression Concrete Paving Joint Sealants** *(32 13 73)*		
32 13 73 19-0001		Silicone Joint Sealant For Concrete Pavement *(32 13 73 19)* Note: Installation includes high pressure water wash, sand blast, sweeping, cleaning area, backer rod and Dow Corning 888 silicone sealant. Demolition includes removal of existing material where saw cutting is not required. Excludes saw cutting.		
32 13 73 19-0002	LF	1/4" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	10.99	2.57
32 13 73 19-0003	LF	3/8" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	11.54	2.62
32 13 73 19-0004	LF	1/2" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	12.22	2.67
32 13 73 19-0005	LF	3/4" x 3/8" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	14.43	2.72
32 13 73 19-0006	LF	1" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	16.91	2.78
32 13 73 19-0007	LF	1-1/2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	20.99	2.83
32 13 73 19-0008	LF	2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	28.91	2.89
32 14		**Unit Paving** *(32 10)*		
32 14 09		**Paver Restraints** *(32 14)*		
32 14 09 00-0001		Paver Restraints *(32 14 09)* Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.		
32 14 09 00-0002	LF	Up To 2" Height, Vinyl Paver Restraint	4.96	1.13
		For >1,000 To 2,000, Deduct	*-0.70*	
		For >2,000 To 4,000, Deduct	*-1.01*	
		For >4,000, Deduct	*-1.30*	
32 14 09 00-0003	LF	Up To 2" Height, Galvanized Steel Paver Restraint	5.38	1.13
		For >500 To 1,000, Deduct	*-0.18*	
		For >1,000 To 2,000, Deduct	*-0.36*	
		For >2,000, Deduct	*-0.54*	
32 14 09 00-0004	LF	Up To 1" Height, Aluminum Paver Restraint	5.17	1.13
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-0.51*	
		For >1,000 To 1,500, Deduct	*-0.84*	
32 14 09 00-0005	LF	>1" To 2" Height, Aluminum Paver Restraint	6.11	1.13
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-0.65*	
		For >1,000 To 1,500, Deduct	*-1.08*	
32 14 09 00-0006	LF	>2" To 3" Height, Aluminum Paver Restraint	7.93	1.13
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-0.92*	
		For >1,000 To 1,500, Deduct	*-1.53*	
32 14 09 00-0007	LF	>3" To 4" Height, Aluminum Paver Restraint	9.32	1.13
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.13*	
		For >1,000 To 1,500, Deduct	*-1.88*	
32 14 11		**Bedding for Unit Paving** *(32 14)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 11 00-0001		Bedding For Brick, Precast Concrete Paver And Stone Sidewalk *(32 14 11)* Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 01 74 19 00-0048 for hauling greater than 15 miles.		
32 14 11 00-0002	SF	1" To 2" Sand Bedding, Screeded	0.97	
		For Up To 100, Add	*0.43*	
		For >100 To 500, Add	*0.12*	
		For >1,000 To 5,000, Deduct	*-0.08*	
		For >5,000, Deduct	*-0.12*	
32 14 11 00-0003	SF	1" To 2" Stone Dust Bedding, Screeded	1.14	
		For Up To 100, Add	*0.47*	
		For >100 To 500, Add	*0.13*	
		For >1,000 To 5,000, Deduct	*-0.08*	
		For >5,000, Deduct	*-0.12*	
32 14 11 00-0004	SF	3" Stone Dust Bedding, Screeded	1.47	
		For Up To 100, Add	*0.59*	
		For >100 To 500, Add	*0.16*	
		For >1,000 To 5,000, Deduct	*-0.09*	
		For >5,000, Deduct	*-0.15*	
32 14 11 00-0005	SF	4" Stone Dust Bedding, Screeded	1.87	
		For Up To 100, Add	*0.74*	
		For >100 To 500, Add	*0.20*	
		For >1,000 To 5,000, Deduct	*-0.11*	
		For >5,000, Deduct	*-0.19*	
32 14 11 00-0006	SF	1" Mortar Bedding	3.06	
		For Up To 100, Add	*1.38*	
		For >100 To 500, Add	*0.40*	
		For >1,000 To 5,000, Deduct	*-0.24*	
		For >5,000, Deduct	*-0.38*	
32 14 11 00-0007	SF	2" Mortar Bedding	4.50	
		For Up To 100, Add	*1.94*	
		For >100 To 500, Add	*0.55*	
		For >1,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.53*	
32 14 11 00-0008	SF	Thin-Set Latex Portland Cement Mortar	1.57	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.21*	
		For >1,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.20*	

32 14 13 Precast Concrete Unit Paving *(32 14)*

32 14 13 16 Precast Concrete Unit Paving Slabs *(32 14 13)*

32 14 13 16-0001		Precast Concrete Paver Sidewalk *(32 14 13 16)* Note: Square, rectangular, or interlocking pervious pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 13 16-0002	SF	2-3/8" Thick, Up To 32 SI Precast Concrete Paver Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers.	11.10	3.05
		For 2-3/4" Concrete Paver, Add	*1.05*	
		For 3-1/8" Concrete Paver, Add	*1.70*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.86*	
		For Up To 100, Add	*4.31*	
		For >100 To 500, Add	*1.17*	
		For >1,000 To 5,000, Deduct	*-0.61*	
		For >5,000, Deduct	*-1.07*	
32 14 13 16-0003	SF	2-3/8" Thick, >32 to 64 SI Precast Concrete Paver Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers.	10.54	2.78
		For 2-3/4" Concrete Paver, Add	*1.03*	
		For 3-1/8" Concrete Paver, Add	*1.66*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.81*	
		For Up To 100, Add	*4.03*	
		For >100 To 500, Add	*1.08*	
		For >1,000 To 5,000, Deduct	*-0.56*	
		For >5,000, Deduct	*-0.98*	
32 14 13 16-0004	SF	2-3/8" Thick, >64 to 144 SI Precast Concrete Paver Note: Includes 6" x 12", 12" x 12" and other similar size pavers.	10.03	2.21
		For 2-3/4" Concrete Paver, Add	*1.00*	
		For 3-1/8" Concrete Paver, Add	*1.62*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.75*	
		For Up To 100, Add	*3.77*	
		For >100 To 500, Add	*1.01*	
		For >1,000 To 5,000, Deduct	*-0.51*	
		For >5,000, Deduct	*-0.91*	
32 14 13 16-0005	SF	2-3/8" Thick, >144 SI Precast Concrete Paver Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.	9.57	2.30
		For 2-3/4" Concrete Paver, Add	*0.98*	
		For 3-1/8" Concrete Paver, Add	*1.59*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.71*	
		For Up To 100, Add	*3.54*	
		For >100 To 500, Add	*0.94*	
		For >1,000 To 5,000, Deduct	*-0.46*	
		For >5,000, Deduct	*-0.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 13 16-0006	SF	2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns	10.28	2.64
		Note: Patterns made by combining pavers from two or more size groups.		
		For 2-3/4" Concrete Paver, Add	*1.01*	
		For 3-1/8" Concrete Paver, Add	*1.64*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.78*	
		For Up To 100, Add	*3.90*	
		For >100 To 500, Add	*1.04*	
		For >1,000 To 5,000, Deduct	*-0.53*	
		For >5,000, Deduct	*-0.94*	

32 14 13 19 Porous Precast Concrete Unit Paving *(32 14 13)*

32 14 13 19-0001 Turf Block *(32 14 13 19)*

Note: Grass grid, open-cell unit paver, geoblock.

32 14 13 19-0002	SF	3-1/8" Thick, Precast Concrete Turf Block	11.68	2.64
		For Up To 100, Add	*4.25*	
		For >100 To 500, Add	*1.11*	
		For >1,000 To 5,000, Deduct	*-0.53*	
		For >5,000, Deduct	*-0.99*	

32 14 16 Brick Unit Paving *(32 14)*

32 14 16 00-0001 Brick Paver Sidewalk *(32 14 16)*

Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 16 00-0002	SF	4" x 8" x 2-1/4" Brick Paver, Laid Flat	14.51	3.05
		For 1-3/8" Thick Paver, Deduct	*-3.24*	
		For 2-3/4" Thick Paver (Vehicular), Add	*7.47*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.03*	
		For Up To 100, Add	*5.16*	
		For >100 To 500, Add	*1.34*	
		For >1,000 To 5,000, Deduct	*-0.61*	
		For >5,000, Deduct	*-1.17*	
32 14 16 00-0003	SF	4" x 8" x 2-1/4" Brick, Laid On Edge	21.87	3.48
		For 1-3/8" Thick Paver, Deduct	*-5.57*	
		For 2-3/4" Thick Paver (Vehicular), Add	*13.07*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.44*	
		For Up To 100, Add	*7.21*	
		For >100 To 500, Add	*1.79*	
		For >1,000 To 5,000, Deduct	*-0.70*	
		For >5,000, Deduct	*-1.49*	

32 14 33 Plastic Paving *(32 14)*

32 14 33 13 Permeable Plastic Paving *(32 14 33)*

32 14 33 13-0001 Turf Block Plastic Paving *(32 14 33 13)*

32 14 33 13-0002	SF	4" Thick Recycled Polyvinyl Chloride (PVC) Plastic Turf Block	17.95	2.64
		For Up To 100, Add	*5.81*	
		For >100 To 500, Add	*1.43*	
		For >1,000 To 5,000, Deduct	*-0.53*	
		For >5,000, Deduct	*-1.17*	

32 14 40 Stone Paving *(32 14)*

32 14 40 00-0001 Slate Paver Sidewalk *(32 14 40)*

Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 40 00-0002	SF	1" Thick, Up to 54 SI Slate Paver	15.11	2.53
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.01*	
		For 1/4" Thick Paver, Deduct	*-7.70*	
		For 1/2" Thick Paver, Deduct	*-5.39*	
		For Up To 100, Add	*5.04*	
		For >100 To 500, Add	*1.26*	
		For >1,000 To 5,000, Deduct	*-0.51*	
		For >5,000, Deduct	*-1.06*	
32 14 40 00-0003	SF	1" Thick, >54 to 108 SI Slate Paver	14.65	2.30
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.96*	
		For 1/4" Thick Paver, Deduct	*-7.59*	
		For 1/2" Thick Paver, Deduct	*-5.32*	
		For Up To 100, Add	*4.81*	
		For >100 To 500, Add	*1.19*	
		For >1,000 To 5,000, Deduct	*-0.46*	
		For >5,000, Deduct	*-0.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 40 00-0004	SF	1" Thick, >108 to 216 SI Slate Paver	13.86	1.90
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.88*	
		For 1/4" Thick Paver, Deduct	*-7.39*	
		For 1/2" Thick Paver, Deduct	*-5.20*	
		For Up To 100, Add	*4.42*	
		For >100 To 500, Add	*1.07*	
		For >1,000 To 5,000, Deduct	*-0.38*	
		For >5,000, Deduct	*-0.87*	
32 14 40 00-0005	SF	1" Thick, >216 SI Slate Paver	13.52	1.72
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.85*	
		For 1/4" Thick Paver, Deduct	*-7.30*	
		For 1/2" Thick Paver, Deduct	*-5.15*	
		For Up To 100, Add	*4.25*	
		For >100 To 500, Add	*1.02*	
		For >1,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.82*	
32 14 40 00-0006	SF	1" Thick, Slate Paver, Combinations And Patterns	14.22	2.08
		Note: Patterns made by combining pavers from two or more size groups.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.92*	
		For 1/4" Thick Paver, Deduct	*-7.48*	
		For 1/2" Thick Paver, Deduct	*-5.25*	
		For Up To 100, Add	*4.60*	
		For >100 To 500, Add	*1.13*	
		For >1,000 To 5,000, Deduct	*-0.42*	
		For >5,000, Deduct	*-0.93*	
32 14 40 00-0007		Granite Paver Sidewalk *(32 14 40)*		
		Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 40 00-0008	SF	1" Thick, Up to 54 SI Granite Paver	22.62	2.53
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.38*	
		For 2" Granite Paver, Add	*1.13*	
		For 3" Granite Paver, Add	*2.26*	
		For 4" Granite Paver, Add	*2.51*	
		For Up To 100, Add	*6.92*	
		For >100 To 500, Add	*1.64*	
		For >1,000 To 5,000, Deduct	*-0.51*	
		For >5,000, Deduct	*-1.28*	
32 14 40 00-0009	SF	1" Thick, >54 to 108 SI Granite Paver	22.16	2.30
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.34*	
		For 2" Granite Paver, Add	*1.11*	
		For 3" Granite Paver, Add	*2.22*	
		For 4" Granite Paver, Add	*2.45*	
		For Up To 100, Add	*6.69*	
		For >100 To 500, Add	*1.57*	
		For >1,000 To 5,000, Deduct	*-0.46*	
		For >5,000, Deduct	*-1.22*	
32 14 40 00-0010	SF	1" Thick, >108 to 216 SI Granite Paver	21.37	1.90
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.26*	
		For 2" Granite Paver, Add	*1.07*	
		For 3" Granite Paver, Add	*2.14*	
		For 4" Granite Paver, Add	*2.33*	
		For Up To 100, Add	*6.29*	
		For >100 To 500, Add	*1.45*	
		For >1,000 To 5,000, Deduct	*-0.38*	
		For >5,000, Deduct	*-1.10*	
32 14 40 00-0011	SF	1" Thick, >216 SI Granite Paver	21.03	1.72
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.22*	
		For 2" Granite Paver, Add	*1.05*	
		For 3" Granite Paver, Add	*2.10*	
		For 4" Granite Paver, Add	*2.28*	
		For Up To 100, Add	*6.12*	
		For >100 To 500, Add	*1.40*	
		For >1,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-1.05*	
32 14 40 00-0012	SF	1" Thick, Granite Paver, Combinations And Patterns	21.73	2.08
		Note: Patterns made by combining pavers from two or more size groups.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.29*	
		For 2" Granite Paver, Add	*1.09*	
		For 3" Granite Paver, Add	*2.17*	
		For 4" Granite Paver, Add	*2.38*	
		For Up To 100, Add	*6.47*	
		For >100 To 500, Add	*1.50*	
		For >1,000 To 5,000, Deduct	*-0.42*	
		For >5,000, Deduct	*-1.15*	

32 15 Aggregate Surfacing *(32 10)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 15 40		**Crushed Stone Surfacing** *(32 15)*		
		Note: Includes delivery up to 15 miles from supplier, placement, rolling and compaction water. See CSI section 01 74 19 00-0048 for hauling greater than 15 miles.		
32 15 40 00-0001		Gravel Surfacing And Spreading *(32 15 40)*		
		Note: Includes delivered material, placement, rolling and compaction water.		
32 15 40 00-0002	CY	Gravel Surfacing And Spreading	90.58	
32 15 40 00-0003		Limestone Screenings *(32 15 40)*		
		Note: Includes delivered material, placement, rolling and compaction water. For trail maintenance.		
32 15 40 00-0004	CY	Limestone Screenings For Trail	88.28	
32 15 40 00-0005		Decomposed Granite *(32 15 40)*		
		Note: Includes delivered material, placement, rolling and compaction water.		
32 15 40 00-0006	SY	3" To 4" Thick Decomposed Granite Screenings With Stabilizer Pathway	18.77	
		Note: Placed in 2 lifts.		
		For Additional 2" Lift	*9.39*	
		For >45 To 180, Deduct	*-1.26*	
		For >180 To 450, Deduct	*-1.57*	
		For >450, Deduct	*-1.89*	
32 16		**Curbs, Gutters, Sidewalks, and Driveways** *(32 10)*		
32 16 13		**Curbs and Gutters** *(32 16)*		
		Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02 41 19 13-0059 for additional saw cuts within the 100'.		
32 16 13 13		**Cast-In-Place Concrete Curbs and Gutters** *(32 16 13)*		
		Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.		
32 16 13 13-0001		Cast In Place Concrete Curbs *(32 16 13 13)*		
		Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.		
32 16 13 13-0002	LF	6" x 12" Cast In Place Concrete Curb (Type A1-6)	18.93	9.72
		For Mountable Curb, Add	*1.37*	
		For Up To 20, Add	*11.56*	
		For >20 To 50, Add	*6.56*	
		For >50 To 100, Add	*2.50*	
		For >500 To 1,000, Deduct	*-2.50*	
		For >1,000, Deduct	*-4.23*	
32 16 13 13-0003	LF	6" x 12" Cast In Place Concrete Curb - Radius (Type A1-6)	21.71	11.18
		For Mountable Curb, Add	*1.59*	
		For Up To 20, Add	*13.34*	
		For >20 To 50, Add	*7.57*	
		For >50 To 100, Add	*2.88*	
		For >500 To 1,000, Deduct	*-2.88*	
		For >1,000, Deduct	*-4.87*	
32 16 13 13-0004	LF	6" x 14" Cast In Place Concrete Curb (Type A1-8)	20.81	9.72
		For Mountable Curb, Add	*1.49*	
		For Up To 20, Add	*12.67*	
		For >20 To 50, Add	*7.18*	
		For >50 To 100, Add	*2.74*	
		For >500 To 1,000, Deduct	*-2.74*	
		For >1,000, Deduct	*-4.63*	
32 16 13 13-0005	LF	6" x 14" Cast In Place Concrete Curb - Radius (Type A1-8)	23.87	11.18
		For Mountable Curb, Add	*1.74*	
		For Up To 20, Add	*14.62*	
		For >20 To 50, Add	*8.29*	
		For >50 To 100, Add	*3.16*	
		For >500 To 1,000, Deduct	*-3.16*	
		For >1,000, Deduct	*-5.34*	
32 16 13 13-0006	LF	6" x 16" Cast In Place Concrete Curb	22.92	9.72
		For Mountable Curb, Add	*1.60*	
		For Up To 20, Add	*13.82*	
		For >20 To 50, Add	*7.83*	
		For >50 To 100, Add	*2.99*	
		For >500 To 1,000, Deduct	*-2.99*	
		For >1,000, Deduct	*-5.06*	
32 16 13 13-0007	LF	6" x 16" Cast In Place Concrete Curb - Radius	26.19	14.59
		For Mountable Curb, Add	*1.88*	
		For Up To 20, Add	*15.93*	
		For >20 To 50, Add	*9.04*	
		For >50 To 100, Add	*3.45*	
		For >500 To 1,000, Deduct	*-3.45*	
		For >1,000, Deduct	*-5.83*	
32 16 13 13-0008	LF	6" x 18" Cast In Place Concrete Curb	24.59	9.72
		For Mountable Curb, Add	*1.69*	
		For Up To 20, Add	*14.74*	
		For >20 To 50, Add	*8.35*	
		For >50 To 100, Add	*3.19*	
		For >500 To 1,000, Deduct	*-3.19*	
		For >1,000, Deduct	*-5.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0009	LF	6" x 18" Cast In Place Concrete Curb - Radius	27.80	11.18
		For Mountable Curb, Add	*1.94*	
		For Up To 20, Add	*16.75*	
		For >20 To 50, Add	*9.49*	
		For >50 To 100, Add	*3.63*	
		For >500 To 1,000, Deduct	*-3.63*	
		For >1,000, Deduct	*-6.14*	
32 16 13 13-0010	LF	6" x 24" Cast In Place Concrete Curb	28.29	10.70
		For Mountable Curb, Add	*1.80*	
		For Up To 20, Add	*16.47*	
		For >20 To 50, Add	*9.32*	
		For >50 To 100, Add	*3.58*	
		For >500 To 1,000, Deduct	*-3.58*	
		For >1,000, Deduct	*-6.07*	
32 16 13 13-0011	LF	6" x 24" Cast In Place Concrete Curb - Radius	31.65	12.15
		For Mountable Curb, Add	*2.03*	
		For Up To 20, Add	*18.49*	
		For >20 To 50, Add	*10.46*	
		For >50 To 100, Add	*4.01*	
		For >500 To 1,000, Deduct	*-4.01*	
		For >1,000, Deduct	*-6.81*	
32 16 13 13-0012	LF	12" x 24" Cast In Place Concrete Curb	36.89	12.15
		For Mountable Curb, Add	*1.74*	
		For Up To 20, Add	*19.53*	
		For >20 To 50, Add	*10.98*	
		For >50 To 100, Add	*4.28*	
		For >500 To 1,000, Deduct	*-4.28*	
		For >1,000, Deduct	*-7.34*	
32 16 13 13-0013	LF	12" x 24" Cast In Place Concrete Curb - Radius	41.07	13.61
		For Mountable Curb, Add	*1.96*	
		For Up To 20, Add	*21.83*	
		For >20 To 50, Add	*12.28*	
		For >50 To 100, Add	*4.78*	
		For >500 To 1,000, Deduct	*-4.78*	
		For >1,000, Deduct	*-8.19*	
32 16 13 13-0014	EA	Additional Finish For Handicap Drop Section In Curb	72.92	

32 16 13 13-0015 Cast In Place Concrete Curb And Gutter *(32 16 13 13)*

Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.

32 16 13 13-0016	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	26.07	11.83
		For Up To 20, Add	*17.71*	
		For >20 To 50, Add	*9.89*	
		For >50 To 100, Add	*3.91*	
		For >500 To 1,000, Deduct	*-3.37*	
		For >1,000, Deduct	*-5.71*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.78*	
32 16 13 13-0017	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	28.43	15.78
		For Up To 20, Add	*19.33*	
		For >20 To 50, Add	*10.80*	
		For >50 To 100, Add	*4.26*	
		For >500 To 1,000, Deduct	*-3.69*	
		For >1,000, Deduct	*-6.25*	
		For Mountable Or Rolled Curb And Gutter, Add	*1.95*	
32 16 13 13-0018	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	33.13	13.11
		For Up To 20, Add	*22.49*	
		For >20 To 50, Add	*12.55*	
		For >50 To 100, Add	*4.97*	
		For >500 To 1,000, Deduct	*-4.27*	
		For >1,000, Deduct	*-7.23*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.23*	
32 16 13 13-0019	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	36.60	14.60
		For Up To 20, Add	*24.87*	
		For >20 To 50, Add	*13.89*	
		For >50 To 100, Add	*5.49*	
		For >500 To 1,000, Deduct	*-4.74*	
		For >1,000, Deduct	*-8.02*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.50*	
32 16 13 13-0020	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Straight (Type A3-6)	40.16	15.78
		For Up To 20, Add	*27.25*	
		For >20 To 50, Add	*15.20*	
		For >50 To 100, Add	*6.02*	
		For >500 To 1,000, Deduct	*-5.16*	
		For >1,000, Deduct	*-8.75*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.68*	
32 16 13 13-0021	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Radius (Type A3-6)	44.75	17.75
		For Up To 20, Add	*30.40*	
		For >20 To 50, Add	*16.97*	
		For >50 To 100, Add	*6.71*	
		For >500 To 1,000, Deduct	*-5.79*	
		For >1,000, Deduct	*-9.80*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0022	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And 8" Face - Straight	42.20	15.78
		For Up To 20, Add	*28.63*	
		For >20 To 50, Add	*15.97*	
		For >50 To 100, Add	*6.33*	
		For >500 To 1,000, Deduct	*-5.42*	
		For >1,000, Deduct	*-9.19*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.82*	
		For Tapered Gutter With Level Bottom (Type A2-6 Or 8), Add	*0.91*	
32 16 13 13-0023	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And 8" Face - Radius	47.01	17.75
		For Up To 20, Add	*31.93*	
		For >20 To 50, Add	*17.83*	
		For >50 To 100, Add	*7.05*	
		For >500 To 1,000, Deduct	*-6.08*	
		For >1,000, Deduct	*-10.29*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.19*	
		For Tapered Gutter With Level Bottom (Type A2-6 Or 8), Add	*0.97*	
32 16 13 13-0024	LF	6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	47.71	18.74
		For Up To 20, Add	*32.37*	
		For >20 To 50, Add	*18.06*	
		For >50 To 100, Add	*7.16*	
		For >500 To 1,000, Deduct	*-6.13*	
		For >1,000, Deduct	*-10.39*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.18*	
32 16 13 13-0025	LF	6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	52.43	20.71
		For Up To 20, Add	*35.60*	
		For >20 To 50, Add	*19.87*	
		For >50 To 100, Add	*7.86*	
		For >500 To 1,000, Deduct	*-6.76*	
		For >1,000, Deduct	*-11.45*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.53*	
32 16 13 13-0026	LF	6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	55.25	21.69
		For Up To 20, Add	*37.49*	
		For >20 To 50, Add	*20.91*	
		For >50 To 100, Add	*8.29*	
		For >500 To 1,000, Deduct	*-7.10*	
		For >1,000, Deduct	*-12.03*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.69*	
32 16 13 13-0027	LF	6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	60.11	23.67
		For Up To 20, Add	*40.80*	
		For >20 To 50, Add	*22.77*	
		For >50 To 100, Add	*9.02*	
		For >500 To 1,000, Deduct	*-7.74*	
		For >1,000, Deduct	*-13.11*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.03*	
32 16 13 13-0028	LF	6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	62.79	24.65
		For Up To 20, Add	*42.60*	
		For >20 To 50, Add	*23.77*	
		For >50 To 100, Add	*9.42*	
		For >500 To 1,000, Deduct	*-8.07*	
		For >1,000, Deduct	*-13.67*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.19*	
32 16 13 13-0029	LF	6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	69.75	27.61
		For Up To 20, Add	*47.37*	
		For >20 To 50, Add	*26.45*	
		For >50 To 100, Add	*10.46*	
		For >500 To 1,000, Deduct	*-9.01*	
		For >1,000, Deduct	*-15.26*	
		For Mountable Or Rolled Curb And Gutter, Add	*4.72*	

32 16 13 13-0030 Curb And Parkway Drains *(32 16 13 13)*

Note: Includes concrete, forms, rebar, expansion joints, finish and curing.

32 16 13 13-0031	EA	Case I Inlet Structure For Curb Drain	2,193.20
32 16 13 13-0032	EA	Case II Inlet Structure For Curb Drain	1,974.94
32 16 13 13-0033	EA	Up To 30" Wide Inlet Type I Structure For Parkway Drain	2,255.15
32 16 13 13-0034	EA	36" Wide Inlet Type I Structure For Parkway Drain	2,299.77
32 16 13 13-0035	EA	42" Wide Inlet Type I Structure For Parkway Drain	2,345.28
32 16 13 13-0036	EA	48" Wide Inlet Type I Structure For Parkway Drain	2,386.19
32 16 13 13-0037	EA	54" Wide Inlet Type I Structure For Parkway Drain	2,453.09
32 16 13 13-0038	EA	60" Wide Inlet Type I Structure For Parkway Drain	2,501.79
32 16 13 13-0039	EA	66" Wide Inlet Type I Structure For Parkway Drain	2,545.54
32 16 13 13-0040	EA	72" Wide Inlet Type I Structure For Parkway Drain	2,591.75
32 16 13 13-0041	LF	Up To 30" Wide x 4" Concrete Duct For Parkway Drain	143.42
32 16 13 13-0042	LF	42" Wide x 4" Concrete Duct For Parkway Drain	163.25
32 16 13 13-0043	LF	48" Wide x 4" Concrete Duct For Parkway Drain	183.08
32 16 13 13-0044	LF	54" Wide x 4" Concrete Duct For Parkway Drain	202.92
32 16 13 13-0045	LF	60" Wide x 4" Concrete Duct For Parkway Drain	222.74
32 16 13 13-0046	LF	66" Wide x 4" Concrete Duct For Parkway Drain	242.57
32 16 13 13-0047	LF	72" Wide x 4" Concrete Duct For Parkway Drain	262.40

32 16 13 14 Machine Formed, Slip Form Curbs *(32 16 13)*

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0001 Curbs, Machine Formed, Slip Form *(32 16 13 14)*

Note: Includes delivered concrete, steel, expansion joints and finish.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 14-0002	EA	Machine Formed Concrete Curb Minimum Set-Up Charge (One Time Per Job) Note: For projects where the total curbing charge is less than the minimum set-up charge, use this task exclusively. This task shall not be used in conjunction with any other tasks in this section.	1,497.51	
32 16 13 14-0003	LF	6" x 12" Straight Concrete Curb, Machine Formed	12.37	
32 16 13 14-0004	LF	6" x 12" Curved Concrete Curb, Machine Formed	16.92	
32 16 13 14-0005	LF	6" x 18" Straight Concrete Curb, Machine Formed	16.33	
32 16 13 14-0006	LF	6" x 18" Curved Concrete Curb, Machine Formed	21.70	

32 16 13 16 Steel Faced Curbs *(32 16 13)*

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0001 Sidewalk/Curb Facing *(32 16 13 16)*

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0002	LF	3" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	16.70	5.44
		For Curved Section, Add	*3.70*	
32 16 13 16-0003	LF	4" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	18.39	6.18
		For Curved Section, Add	*4.16*	
32 16 13 16-0004	LF	6" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	24.70	6.93
		For Curved Section, Add	*5.08*	
32 16 13 16-0005	LF	8" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	30.26	7.79
		For Curved Section, Add	*5.93*	
32 16 13 16-0006	LF	10" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	36.95	8.53
		For Curved Section, Add	*6.89*	
32 16 13 16-0007	LF	12" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	48.31	10.89
		For Curved Section, Add	*8.89*	
32 16 13 16-0008	LF	13" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	55.81	14.10
		For Curved Section, Add	*10.85*	
32 16 13 16-0009	EA	Sidewalk/Curb Steel Facing, Pedestrian Ramps, Two Drops Per Section	173.41	

32 16 13 19 Cast-In-Place Concrete Drainage Ditches *(32 16 13)*

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 19-0001 Valley Gutter, Cast In Place *(32 16 13 19)*

Note: Includes concrete, forms, rebar, expansion joints, finish and curing.

32 16 13 19-0002	LF	1' Wide Cast In Place Concrete Valley Gutter, 6" Thick	15.63
32 16 13 19-0003	LF	2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	21.94
		For Up To 20, Add	*10.22*
		For >20 To 50, Add	*5.69*
		For >50 To 100, Add	*2.26*
		For >500 To 1,000, Deduct	*-2.26*
		For >1,000, Deduct	*-3.94*
32 16 13 19-0004	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	26.89
		For Up To 20, Add	*12.40*
		For >20 To 50, Add	*6.90*
		For >50 To 100, Add	*2.75*
		For >500 To 1,000, Deduct	*-2.75*
		For >1,000, Deduct	*-4.80*
32 16 13 19-0005	LF	3' Wide Cast In Place Concrete Valley Gutter, 6" Thick	31.79
		For Up To 20, Add	*14.54*
		For >20 To 50, Add	*8.09*
		For >50 To 100, Add	*3.23*
		For >500 To 1,000, Deduct	*-3.23*
		For >1,000, Deduct	*-5.63*
32 16 13 19-0006	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	36.65
		For Up To 20, Add	*16.66*
		For >20 To 50, Add	*9.26*
		For >50 To 100, Add	*3.70*
		For >500 To 1,000, Deduct	*-3.70*
		For >1,000, Deduct	*-6.46*
32 16 13 19-0007	LF	4' Wide Cast In Place Concrete Valley Gutter, 6" Thick	41.53
		For Up To 20, Add	*18.79*
		For >20 To 50, Add	*10.44*
		For >50 To 100, Add	*4.17*
		For >500 To 1,000, Deduct	*-4.17*
		For >1,000, Deduct	*-7.30*
32 16 13 19-0008	LF	5' Wide Cast In Place Concrete Valley Gutter, 6" Thick	49.29
		For Up To 20, Add	*21.65*
		For >20 To 50, Add	*12.01*
		For >50 To 100, Add	*4.82*
		For >500 To 1,000, Deduct	*-4.82*
		For >1,000, Deduct	*-8.47*
32 16 13 19-0009	LF	6' Wide Cast In Place Concrete Valley Gutter, 6" Thick	56.75
		For Up To 20, Add	*24.31*
		For >20 To 50, Add	*13.45*
		For >50 To 100, Add	*5.43*
		For >500 To 1,000, Deduct	*-5.43*
		For >1,000, Deduct	*-9.56*
32 16 13 19-0010	SF	>6' Wide Cast In Place Concrete Valley Gutter, 6" Thick	9.45
		For Up To 100, Add	*4.05*
		For >100 To 250, Add	*2.24*
		For >250 To 500, Add	*0.90*
		For >2,500 To 5,000, Deduct	*-0.90*
		For >5,000, Deduct	*-1.59*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0011	LF	1' Wide Cast In Place Concrete Valley Gutter, 7" Thick	16.96	
		For Up To 20, Add	*8.92*	
		For >20 To 50, Add	*5.01*	
		For >50 To 100, Add	*1.95*	
		For >500 To 1,000, Deduct	*-1.95*	
		For >1,000, Deduct	*-3.35*	
32 16 13 19-0012	LF	2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	24.11	
		For Up To 20, Add	*10.96*	
		For >20 To 50, Add	*6.10*	
		For >50 To 100, Add	*2.43*	
		For >500 To 1,000, Deduct	*-2.43*	
		For >1,000, Deduct	*-4.25*	
32 16 13 19-0013	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	29.77	
		For Up To 20, Add	*13.44*	
		For >20 To 50, Add	*7.47*	
		For >50 To 100, Add	*2.99*	
		For >500 To 1,000, Deduct	*-2.99*	
		For >1,000, Deduct	*-5.22*	
32 16 13 19-0014	LF	3' Wide Cast In Place Concrete Valley Gutter, 7" Thick	35.00	
		For Up To 20, Add	*15.63*	
		For >20 To 50, Add	*8.68*	
		For >50 To 100, Add	*3.48*	
		For >500 To 1,000, Deduct	*-3.48*	
		For >1,000, Deduct	*-6.09*	
32 16 13 19-0015	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	40.40	
		For Up To 20, Add	*17.93*	
		For >20 To 50, Add	*9.95*	
		For >50 To 100, Add	*3.99*	
		For >500 To 1,000, Deduct	*-3.99*	
		For >1,000, Deduct	*-7.00*	
32 16 13 19-0016	LF	4' Wide Cast In Place Concrete Valley Gutter, 7" Thick	45.79	
		For Up To 20, Add	*20.22*	
		For >20 To 50, Add	*11.22*	
		For >50 To 100, Add	*4.50*	
		For >500 To 1,000, Deduct	*-4.50*	
		For >1,000, Deduct	*-7.90*	
32 16 13 19-0017	LF	5' Wide Cast In Place Concrete Valley Gutter, 7" Thick	54.47	
		For Up To 20, Add	*23.34*	
		For >20 To 50, Add	*12.92*	
		For >50 To 100, Add	*5.21*	
		For >500 To 1,000, Deduct	*-5.21*	
		For >1,000, Deduct	*-9.18*	
32 16 13 19-0018	LF	6' Wide Cast In Place Concrete Valley Gutter, 7" Thick	62.84	
		For Up To 20, Add	*26.24*	
		For >20 To 50, Add	*14.49*	
		For >50 To 100, Add	*5.88*	
		For >500 To 1,000, Deduct	*-5.88*	
		For >1,000, Deduct	*-10.39*	
32 16 13 19-0019	SF	>6' Wide Cast In Place Concrete Valley Gutter, 7" Thick	10.47	
		For Up To 100, Add	*4.37*	
		For >100 To 250, Add	*2.42*	
		For >250 To 500, Add	*0.98*	
		For >2,500 To 5,000, Deduct	*-0.98*	
		For >5,000, Deduct	*-1.73*	
32 16 13 19-0020	LF	1' Wide Cast In Place Concrete Valley Gutter, 8" Thick	17.32	
32 16 13 19-0021	LF	2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	24.28	
		For Up To 20, Add	*11.32*	
		For >20 To 50, Add	*6.30*	
		For >50 To 100, Add	*2.51*	
		For >500 To 1,000, Deduct	*-2.51*	
		For >1,000, Deduct	*-4.37*	
32 16 13 19-0022	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	29.79	
		For Up To 20, Add	*13.75*	
		For >20 To 50, Add	*7.66*	
		For >50 To 100, Add	*3.05*	
		For >500 To 1,000, Deduct	*-3.05*	
		For >1,000, Deduct	*-5.32*	
32 16 13 19-0023	LF	3' Wide Cast In Place Concrete Valley Gutter, 8" Thick	35.20	
		For Up To 20, Add	*16.12*	
		For >20 To 50, Add	*8.97*	
		For >50 To 100, Add	*3.58*	
		For >500 To 1,000, Deduct	*-3.58*	
		For >1,000, Deduct	*-6.24*	
32 16 13 19-0024	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	40.61	
		For Up To 20, Add	*18.49*	
		For >20 To 50, Add	*10.28*	
		For >50 To 100, Add	*4.10*	
		For >500 To 1,000, Deduct	*-4.10*	
		For >1,000, Deduct	*-7.17*	
32 16 13 19-0025	LF	4' Wide Cast In Place Concrete Valley Gutter, 8" Thick	46.03	
		For Up To 20, Add	*20.86*	
		For >20 To 50, Add	*11.60*	
		For >50 To 100, Add	*4.63*	
		For >500 To 1,000, Deduct	*-4.63*	
		For >1,000, Deduct	*-8.10*	
32 16 13 19-0026	LF	5' Wide Cast In Place Concrete Valley Gutter, 8" Thick	54.62	
32 16 13 19-0027	LF	6' Wide Cast In Place Concrete Valley Gutter, 8" Thick	62.87	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0028	SF	>6' Wide Cast In Place Concrete Valley Gutter, 8" Thick	10.48	
		For Up To 100, Add	*4.50*	
		For >100 To 250, Add	*2.49*	
		For >250 To 500, Add	*1.00*	
		For >2,500 To 5,000, Deduct	*-1.00*	
		For >5,000, Deduct	*-1.77*	

32 16 13 23 Precast Concrete Curbs and Gutters *(32 16 13)*

32 16 13 23-0001 Precast Concrete Curb *(32 16 13 23)*

32 16 13 23-0002	LF	6" x 18" Precast Concrete Curb	42.52	10.33
32 16 13 23-0003	LF	6" x 18" Precast Concrete Curb, Radius	50.66	11.88
32 16 13 23-0004	LF	6" x 20" Precast Concrete Curb	45.02	10.33
32 16 13 23-0005	LF	6" x 20" Precast Concrete Curb, Radius	53.96	11.88
32 16 13 23-0006	LF	7" x 18" Precast Concrete Curb	46.16	10.33
32 16 13 23-0007	LF	7" x 18" Precast Concrete Curb, Radius	55.28	11.88
32 16 13 23-0008	LF	7" x 20" Precast Concrete Curb	48.99	10.33
32 16 13 23-0009	LF	7" x 20" Precast Concrete Curb, Radius	58.87	11.88

32 16 13 33 Asphalt Curbs *(32 16 13)*

32 16 13 33-0001 Asphalt Curbs *(32 16 13 33)*

32 16 13 33-0002	LF	6" Wide x 6" High Asphalt Curb 64 LF/TON, Bituminous, Plain	13.96	5.57
32 16 13 33-0003	LF	8" Wide x 6" High Asphalt Curb 50 LF/TON, Bituminous, Plain	15.75	6.18
32 16 13 33-0004	LF	8" Wide x 8" High Asphalt Curb 44 LF/TON, Bituminous, Plain	17.38	6.80

32 16 13 43 Stone Curbs *(32 16 13)*

32 16 13 43-0001 Granite Curbs *(32 16 13 43)*

32 16 13 43-0002 Split Face Granite Curbs *(32 16 13 43-0001)*

32 16 13 43-0003	LF	4" To 5" x 12" To 14" Split Face Granite Curb, Straight Section	27.26	8.94
		For Up To 20, Add	*11.43*	
		For >20 To 50, Add	*6.31*	
		For >50 To 100, Add	*2.56*	
		For >500 To 1,000, Deduct	*-2.56*	
		For >1,000, Deduct	*-4.52*	
32 16 13 43-0004	LF	6" To 8" x 12" To 14" Split Face Granite Curb, Straight Section	32.16	9.77
		For Up To 20, Add	*12.93*	
		For >20 To 50, Add	*7.11*	
		For >50 To 100, Add	*2.91*	
		For >500 To 1,000, Deduct	*-2.91*	
		For >1,000, Deduct	*-5.16*	
32 16 13 43-0005	LF	4" To 5" x 16" To 18" Split Face Granite Curb, Straight Section	35.48	10.50
		For Up To 20, Add	*14.08*	
		For >20 To 50, Add	*7.74*	
		For >50 To 100, Add	*3.17*	
		For >500 To 1,000, Deduct	*-3.17*	
		For >1,000, Deduct	*-5.64*	
32 16 13 43-0006	LF	6" To 8" x 16" To 18" Split Face Granite Curb, Straight Section	41.92	11.33
		For Up To 20, Add	*15.88*	
		For >20 To 50, Add	*8.69*	
		For >50 To 100, Add	*3.60*	
		For >500 To 1,000, Deduct	*-3.60*	
		For >1,000, Deduct	*-6.44*	
32 16 13 43-0007	LF	4" To 5" x 12" To 14" Split Face Granite Curb, Curved Section	33.52	9.77
		For Up To 20, Add	*13.17*	
		For >20 To 50, Add	*7.23*	
		For >50 To 100, Add	*2.97*	
		For >500 To 1,000, Deduct	*-2.97*	
		For >1,000, Deduct	*-5.29*	
32 16 13 43-0008	LF	6" To 8" x 12" To 14" Split Face Granite Curb, Curved Section	38.41	10.50
		For Up To 20, Add	*14.67*	
		For >20 To 50, Add	*8.03*	
		For >50 To 100, Add	*3.32*	
		For >500 To 1,000, Deduct	*-3.32*	
		For >1,000, Deduct	*-5.94*	
32 16 13 43-0009	LF	4" To 5" x 16" To 18" Split Face Granite Curb, Curved Section	41.78	11.33
		For Up To 20, Add	*15.86*	
		For >20 To 50, Add	*8.68*	
		For >50 To 100, Add	*3.59*	
		For >500 To 1,000, Deduct	*-3.59*	
		For >1,000, Deduct	*-6.43*	
32 16 13 43-0010	LF	6" To 8" x 16" To 18" Split Face Granite Curb, Curved Section	48.23	12.06
		For Up To 20, Add	*17.67*	
		For >20 To 50, Add	*9.64*	
		For >50 To 100, Add	*4.02*	
		For >500 To 1,000, Deduct	*-4.02*	
		For >1,000, Deduct	*-7.23*	

32 16 13 43-0011 Sawn Face Granite Curbs *(32 16 13 43-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 43-0012	LF	4" To 5" x 12" To 14" Sawn Face Granite Curb, Straight Section	27.26	8.94
		For Up To 20, Add	*11.43*	
		For >20 To 50, Add	*6.31*	
		For >50 To 100, Add	*2.56*	
		For >500 To 1,000, Deduct	*-2.56*	
		For >1,000, Deduct	*-4.52*	
32 16 13 43-0013	LF	6" To 8" x 12" To 14" Sawn Face Granite Curb, Straight Section	32.16	9.77
		For Up To 20, Add	*12.93*	
		For >20 To 50, Add	*7.11*	
		For >50 To 100, Add	*2.91*	
		For >500 To 1,000, Deduct	*-2.91*	
		For >1,000, Deduct	*-5.16*	
32 16 13 43-0014	LF	4" To 5" x 16" To 18" Sawn Face Granite Curb, Straight Section	35.54	10.50
		For Up To 20, Add	*14.12*	
		For >20 To 50, Add	*7.76*	
		For >50 To 100, Add	*3.18*	
		For >500 To 1,000, Deduct	*-3.18*	
		For >1,000, Deduct	*-5.66*	
32 16 13 43-0015	LF	6" To 8" x 16" To 18" Sawn Face Granite Curb, Straight Section	41.99	11.33
		For Up To 20, Add	*15.93*	
		For >20 To 50, Add	*8.72*	
		For >50 To 100, Add	*3.61*	
		For >500 To 1,000, Deduct	*-3.61*	
		For >1,000, Deduct	*-6.46*	
32 16 13 43-0016	LF	4" To 5" x 12" To 14" Sawn Face Granite Curb, Curved Section	37.84	9.77
		For Up To 20, Add	*14.06*	
		For >20 To 50, Add	*7.68*	
		For >50 To 100, Add	*3.19*	
		For >500 To 1,000, Deduct	*-3.19*	
		For >1,000, Deduct	*-5.73*	
32 16 13 43-0017	LF	6" To 8" x 12" To 14" Sawn Face Granite Curb, Curved Section	45.13	10.50
		For Up To 20, Add	*16.04*	
		For >20 To 50, Add	*8.72*	
		For >50 To 100, Add	*3.66*	
		For >500 To 1,000, Deduct	*-3.66*	
		For >1,000, Deduct	*-6.62*	
32 16 13 43-0018	LF	4" To 5" x 16" To 18" Sawn Face Granite Curb, Curved Section	49.97	11.33
		For Up To 20, Add	*17.53*	
		For >20 To 50, Add	*9.52*	
		For >50 To 100, Add	*4.01*	
		For >500 To 1,000, Deduct	*-4.01*	
		For >1,000, Deduct	*-7.26*	
32 16 13 43-0019	LF	6" To 8" x 16" To 18" Sawn Face Granite Curb, Curved Section	59.79	12.06
		For Up To 20, Add	*20.01*	
		For >20 To 50, Add	*10.81*	
		For >50 To 100, Add	*4.60*	
		For >500 To 1,000, Deduct	*-4.60*	
		For >1,000, Deduct	*-8.40*	
32 16 13 43-0020		Granite Base And Curbs *(32 16 13 43-0001)*		
32 16 13 43-0021	LF	4" High Granite Base	30.40	11.23
		For Up To 20, Add	*13.54*	
		For >20 To 50, Add	*7.51*	
		For >50 To 100, Add	*3.01*	
		For >500 To 1,000, Deduct	*-3.01*	
		For >1,000, Deduct	*-5.28*	
32 16 13 43-0022	LF	6" High Granite Base	35.77	14.70
		For Up To 20, Add	*16.94*	
		For >20 To 50, Add	*9.45*	
		For >50 To 100, Add	*3.75*	
		For >500 To 1,000, Deduct	*-3.75*	
		For >1,000, Deduct	*-6.51*	
32 16 13 43-0023		Remove And Reset Stone And Precast Curbing *(32 16 13 43)*		
		Note: Includes storage and cleaning.		
32 16 13 43-0024	LF	Removal And Reseting Of Stone Or Precast Curbing	34.30	
		Note: Includes storage and cleaning.		

32 16 23 Sidewalks *(32 16)*

32 16 23 00-0001 Cast In Place Concrete Sidewalk *(32 16 23)*

Note: Includes finish grading, delivered concrete (up to 3500 PSI) by chute, formwork, 1/4" radius joints and edges, polyethylene sheeting, control joints, expansion joints, screed, broom finish, and curing. Excludes excavation, base, base compaction and welded wire reinforcement. For bar or fiber reinforcing, add bar or fiber reinforcing tasks. See CSI section 02 41 13 13-0000 for sidewalk removal, 03 05 13 00-0001 for color additive, 03 21 00 00-0000 for reinforcing steel, 03 31 13 00-0079 for buggies, 03 31 13 00-0086 for small quantity purchases, 03 37 16 00-0001 for pumping with boom truck, 31 23 16 36-0000 for excavation, 32 11 23 16-0001 for base course.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 23 00-0002	SF	4" Cast In Place Concrete Sidewalk	8.94	
		For Up To 100, Add	*3.86*	
		For >100 To 500, Add	*1.10*	
		For >1,000 To 5,000, Deduct	*-0.65*	
		For >5,000, Deduct	*-1.42*	
		For Welded Wire Reinforcement, Add	*0.98*	
32 16 23 00-0003	SF	5" Cast In Place Concrete Sidewalk	9.72	
		For Up To 100, Add	*4.12*	
		For >100 To 500, Add	*1.16*	
		For >1,000 To 5,000, Deduct	*-0.68*	
		For >5,000, Deduct	*-1.50*	
		For Welded Wire Reinforcement, Add	*0.98*	
32 16 23 00-0004	SF	6" Cast In Place Concrete Sidewalk	10.52	
		For Up To 100, Add	*4.38*	
		For >100 To 500, Add	*1.23*	
		For >1,000 To 5,000, Deduct	*-0.70*	
		For >5,000, Deduct	*-1.57*	
		For Welded Wire Reinforcement, Add	*0.98*	
32 16 23 00-0005	SF	7" Cast In Place Concrete Sidewalk	12.21	
		For Up To 100, Add	*5.04*	
		For >100 To 500, Add	*1.40*	
		For >1,000 To 5,000, Deduct	*-0.79*	
		For >5,000, Deduct	*-1.80*	
		For Welded Wire Reinforcement, Add	*0.98*	
32 16 23 00-0006	SF	8" Cast In Place Concrete Sidewalk	12.90	
		For Up To 100, Add	*5.24*	
		For >100 To 500, Add	*1.45*	
		For >1,000 To 5,000, Deduct	*-0.81*	
		For >5,000, Deduct	*-1.86*	
		For Welded Wire Reinforcement, Add	*0.98*	
32 16 23 00-0007	SF	For Exposed Aggregate Finish In Sidewalk	2.32	
32 16 23 00-0008	EA	Finish Concrete Handicap Drop Section In Sidewalk Note: Excludes patterned (tactile) finish.	139.27	
32 16 23 00-0009	LF	For Hand Trowel Finish At Sidewalk Edges (Picture Frame)	2.32	

32 16 23 00-0010 Bituminous Sidewalk *(32 16 23)*

Note: Includes finish grading, delivered asphalt, formwork, control joints, expansion joints, and compaction. Excludes excavation, base, and base compaction. See CSI section 32 11 23 16-0001 for base course.

32 16 23 00-0011	SY	1" Bituminous Sidewalk	10.63	
		For Up To 100, Add	*3.87*	
		For >100 To 500, Add	*1.02*	
		For >1,000 To 5,000, Deduct	*-0.49*	
		For >5,000, Deduct	*-1.02*	
32 16 23 00-0012	SY	1-1/2" Bituminous Sidewalk	13.39	
		For Up To 100, Add	*4.81*	
		For >100 To 500, Add	*1.25*	
		For >1,000 To 5,000, Deduct	*-0.58*	
		For >5,000, Deduct	*-1.25*	
32 16 23 00-0013	SY	2" Bituminous Sidewalk	18.75	
		For Up To 100, Add	*6.50*	
		For >100 To 500, Add	*1.66*	
		For >1,000 To 5,000, Deduct	*-0.72*	
		For >5,000, Deduct	*-1.66*	
32 16 23 00-0014	SY	2-1/2" Bituminous Sidewalk	23.44	
		For Up To 100, Add	*8.10*	
		For >100 To 500, Add	*2.07*	
		For >1,000 To 5,000, Deduct	*-0.90*	
		For >5,000, Deduct	*-2.07*	
32 16 23 00-0015	SY	3" Bituminous Sidewalk	27.09	
		For Up To 100, Add	*9.20*	
		For >100 To 500, Add	*2.33*	
		For >1,000 To 5,000, Deduct	*-0.97*	
		For >5,000, Deduct	*-2.33*	
32 16 23 00-0016	SY	3-1/2" Bituminous Sidewalk	31.40	
		For Up To 100, Add	*10.52*	
		For >100 To 500, Add	*2.64*	
		For >1,000 To 5,000, Deduct	*-1.07*	
		For >5,000, Deduct	*-2.64*	

32 16 43 Asphalt Dike *(32 16)*

32 16 43 00-0001 Asphalt Dike *(32 16 43)*

32 16 43 00-0002	LF	Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	7.70
32 16 43 00-0003	LF	Type B, Asphalt Dike, 13" Base, 5" Top, 8" Height	10.64
32 16 43 00-0004	LF	Type C-6, Asphalt Dike, 18" Base, 6" Top, 6" Height	10.64
32 16 43 00-0005	LF	Type C-8, Asphalt Dike, 22" Base, 6" Top, 8" Height	15.31
32 16 43 00-0006	LF	Type C-9, Asphalt Dike, 24" Base, 6" Top, 9" Height	18.16
32 16 43 00-0007	LF	Type D, Asphalt Dike, 8" Base, 4" Top, 2" Height	3.93
32 16 43 00-0008	LF	Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	11.08
32 16 43 00-0009	LF	Type F, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	17.09
32 16 43 00-0010	LF	CALTRANS Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	7.70
32 16 43 00-0011	LF	CALTRANS Type C, Asphalt Dike, 8" Base, 4" Top, 2" Height	3.93
32 16 43 00-0012	LF	CALTRANS Type D, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	17.09

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 43 00-0013	LF	CALTRANS Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	11.08	
32 16 43 00-0014	LF	CALTRANS Type F, Asphalt Dike, 8" Base, 4" Top, 4" Height	5.78	

32 17 Paving Specialties *(32 10)*

32 17 13 Parking Bumpers *(32 17)*

Note: Includes dowels set.

32 17 13 16 Plastic Parking Bumpers *(32 17 13)*

32 17 13 16-0001	EA	4" x 6" x 4' Recycled Plastic Wheel Stop	183.23	7.44
32 17 13 16-0002	EA	4" x 6" x 6' Recycled Plastic Wheel Stop	207.56	7.44

32 17 13 19 Precast Concrete Parking Bumpers *(32 17 13)*

32 17 13 19-0001	EA	6" x 8" x 4' Precast Concrete Wheel Stop With Dowels	68.65	22.41
32 17 13 19-0002	EA	6" x 6" x 6' Precast Concrete Wheel Stop With Dowels	78.52	22.41
32 17 13 19-0003	EA	6" x 8" x 6' Precast Concrete Wheel Stop With Dowels	81.50	22.41
32 17 13 19-0004	EA	6" x 10" x 6' Precast Concrete Wheel Stop With Dowels	85.27	22.41
32 17 13 19-0005	EA	4-7/8" x 7-5/8" x 6' Precast Concrete Wheel Stop With Dowels	79.67	22.41
32 17 13 19-0006	EA	8" x 13" x 6' Precast Concrete Wheel Stop With Dowels	100.43	22.41
32 17 13 19-0007	EA	Removal And Relocation Of Precast Concrete Wheel Stop	35.86	
32 17 13 19-0008	EA	Removal And Relocation Of Plastic Or Wood Wheel Stop	23.31	

32 17 13 23 Rubber Parking Bumpers *(32 17 13)*

32 17 13 23-0001	EA	3' Recycled Rubber Wheel Stop	32.38	7.44
32 17 13 23-0002	EA	4' Recycled Rubber Wheel Stop	37.80	7.44
32 17 13 23-0003	EA	5' Recycled Rubber Wheel Stop	39.97	7.44
32 17 13 23-0004	EA	6' Recycled Rubber Wheel Stop	43.22	7.44

32 17 13 26 Wood Parking Bumpers *(32 17 13)*

32 17 13 26-0001	LF	4" x 4" Timber Barrier With Saddles For Cars, Pressure Treated	9.51	1.79
32 17 13 26-0002	LF	6" x 6" Timber Barriers With Saddle For Trucks, Pressure Treated	11.89	1.79

32 17 16 Manufactured Traffic-Calming Devices *(32 17)*

32 17 16 00-0001 Modular Rubber Speed Tables *(32 17 16)*

Note: 3" high flat topped speed humps, 18" x 42" modular rubber construction. Trafficlogix.

32 17 16 00-0002	SF	Up To 24' Road Width x 7' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	62.21
32 17 16 00-0003	SF	Up To 24' Road Width x 14' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	54.34
32 17 16 00-0004	SF	Up To 24' Road Width x 21' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	51.06
32 17 16 00-0005	SF	>24' To 30' Road Width x 7' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	59.54
32 17 16 00-0006	SF	>24' To 30' Road Width x 14' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	52.42
32 17 16 00-0007	SF	>24' To 30' Road Width x 21' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	49.53
32 17 16 00-0008	SF	>30' To 40' Road Width x 7' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	56.91
32 17 16 00-0009	SF	>30' To 40' Road Width x 14' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	50.89
32 17 16 00-0010	SF	>30' To 40' Road Width x 21' Run Modular Rubber Speed Table Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.	48.26

32 17 16 00-0011 Asphalt Speed Table *(32 17 16)*

Note: Excludes pavement markings or reflectors.

32 17 16 00-0012	LF	Up to 36" Wide Asphalt Speed Table With 3" Center Crown Note: Tapered on edges to roadway.	38.53
32 17 16 00-0013	LF	>36" To 48" Wide Asphalt Speed Table With 3" Center Crown Note: Tapered on edges to roadway.	45.54
32 17 16 00-0014	LF	Up to 36" Wide Asphalt Speed Table With 4" Center Crown Note: Tapered on edges to roadway.	48.46
32 17 16 00-0015	LF	>36" To 48" Wide Asphalt Speed Table With 4" Center Crown Note: Tapered on edges to roadway.	57.32
32 17 16 00-0016	LF	Up to 36" Wide Asphalt Speed Table With 6" Center Crown Note: Tapered on edges to roadway.	58.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 16 00-0017	LF	>36" To 48" Wide Asphalt Speed Table With 6" Center Crown Note: Tapered on edges to roadway.	65.95	

32 17 16 00-0018 Speed Bumps *(32 17 16)*
Note: Excludes pavement markings or reflectors.

32 17 16 00-0019	LF	2-1/4" High x 10-1/2" Wide, Asphalt Speed Bump	42.02	1.85
32 17 16 00-0020	LF	2-1/4" High x 12" Wide, Recycled Rubber Speed Bump	31.51	1.23
32 17 16 00-0021	LF	2-5/8" High x 12" Wide, Recycled Plastic Speed Bump	139.81	1.23

32 17 23 Pavement Markings *(32 17)*

32 17 23 13 Painted Pavement Markings *(32 17 23)*

32 17 23 13-0001 Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 13)*
Note: Includes primers, adhesive and glass beads where required. For broken line quantities use total lane length. Per Coat.

32 17 23 13-0002 Epoxy Reflective Pavement Marking *(32 17 23 13-0001)*
Note: 15 mil thickness.

32 17 23 13-0003	LF	Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping	0.59
		For 20 Mil Thickness, Add	*0.13*
		For Up To 5,000 LF, Add	*0.12*
		For >25,000 LF, Deduct	*-0.09*
		For Broken Line, Deduct	*-0.28*
32 17 23 13-0004	LF	Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping	0.82
		For 20 Mil Thickness, Add	*0.20*
		For Up To 5,000 LF, Add	*0.16*
		For >25,000 LF, Deduct	*-0.12*
		For Broken Line, Deduct	*-0.41*
32 17 23 13-0005	LF	Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping	1.00
		For 20 Mil Thickness, Add	*0.24*
		For Up To 5,000 LF, Add	*0.20*
		For >25,000 LF, Deduct	*-0.15*
		For Broken Line, Deduct	*-0.50*
32 17 23 13-0006	LF	Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping	1.50
		For 20 Mil Thickness, Add	*0.38*
		For Up To 5,000 LF, Add	*0.30*
		For >25,000 LF, Deduct	*-0.23*
		For Broken Line, Deduct	*-0.80*
32 17 23 13-0007	LF	Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping	0.94
		For 20 Mil Thickness, Add	*0.25*
		For Up To 5,000 LF, Add	*0.19*
		For >25,000 LF, Deduct	*-0.14*
		For Broken Line On One Side, Deduct	*-0.27*
		For Double Broken Line, Deduct	*-0.54*
32 17 23 13-0008	LF	Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping	1.35
		For 20 Mil Thickness, Add	*0.37*
		For Up To 5,000 LF, Add	*0.27*
		For >25,000 LF, Deduct	*-0.20*
		For Broken Line On One Side, Deduct	*-0.41*
		For Double Broken Line, Deduct	*-0.81*
32 17 23 13-0009	EA	6" High, Letter/Number, Epoxy Reflective Pavement Marking	3.93
		For 20 Mil Thickness, Add	*0.41*
		For <10, Add	*0.47*
		For >50 To 100, Deduct	*-0.24*
		For >100 To 200, Deduct	*-0.32*
		For >200, Deduct	*-0.63*
32 17 23 13-0010	EA	12" High, Letter/Number, Epoxy Reflective Pavement Marking	7.57
		For 20 Mil Thickness, Add	*1.17*
		For <10, Add	*0.72*
		For >50 To 100, Deduct	*-0.36*
		For >100 To 200, Deduct	*-0.48*
		For >200, Deduct	*-0.96*
32 17 23 13-0011	EA	24" High, Letter/Number, Epoxy Reflective Pavement Marking	12.83
		For 20 Mil Thickness, Add	*2.03*
		For <10, Add	*1.19*
		For >50 To 100, Deduct	*-0.60*
		For >100 To 200, Deduct	*-0.79*
		For >200, Deduct	*-1.59*
32 17 23 13-0012	EA	36" High, Letter/Number, Epoxy Reflective Pavement Marking	24.47
		For 20 Mil Thickness, Add	*3.66*
		For <10, Add	*2.38*
		For >50 To 100, Deduct	*-1.19*
		For >100 To 200, Deduct	*-1.59*
		For >200, Deduct	*-3.18*
32 17 23 13-0013	EA	48" High, Letter/Number, Epoxy Reflective Pavement Marking	28.98
		For 20 Mil Thickness, Add	*4.61*
		For <10, Add	*2.67*
		For >50 To 100, Deduct	*-1.34*
		For >100 To 200, Deduct	*-1.78*
		For >200, Deduct	*-3.56*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0014	EA	72" High, Letter/Number, Epoxy Reflective Pavement Marking	52.09	
		For 20 Mil Thickness, Add	*8.38*	
		For <10, Add	*4.75*	
		For >50 To 100, Deduct	*-2.38*	
		For >100 To 200, Deduct	*-3.17*	
		For >200, Deduct	*-6.34*	
32 17 23 13-0015	EA	96" High, Letter/Number, Epoxy Reflective Pavement Marking	69.40	
		For 20 Mil Thickness, Add	*11.08*	
		For <10, Add	*6.38*	
		For >50 To 100, Deduct	*-3.19*	
		For >100 To 200, Deduct	*-4.26*	
		For >200, Deduct	*-8.51*	
32 17 23 13-0016	EA	120" High, Letter/Number, Epoxy Reflective Pavement Marking	112.65	
		For 20 Mil Thickness, Add	*22.61*	
		For <10, Add	*7.91*	
		For >50 To 100, Deduct	*-3.95*	
		For >100 To 200, Deduct	*-5.27*	
		For >200, Deduct	*-10.55*	
32 17 23 13-0017	SF	Letter/Number, Epoxy Reflective Pavement Marking	6.71	
		For 20 Mil Thickness, Add	*0.88*	
32 17 23 13-0018	SF	Symbols, Epoxy Reflective Pavement Marking	8.33	
		Note: Handicap, railroad, diamond, arrows, etc.		
		For 20 Mil Thickness, Add	*0.96*	

32 17 23 13-0019 Painted Reflective Pavement Marking *(32 17 23 13-0001)*

Note: 15 mil thickness.

32 17 23 13-0020	LF	Single 4" Wide Solid Line, Painted Reflective Pavement Striping	0.30	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
		For Broken Line, Deduct	*-0.06*	
32 17 23 13-0021	LF	Single 6" Wide Solid Line, Painted Reflective Pavement Striping	0.39	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
		For Broken Line, Deduct	*-0.09*	
32 17 23 13-0022	LF	Single 8" Wide Solid Line, Painted Reflective Pavement Striping	0.49	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.07*	
		For Broken Line, Deduct	*-0.11*	
32 17 23 13-0023	LF	Single 12" Wide Solid Line, Painted Reflective Pavement Striping	0.65	
		For Up To 5,000 LF, Add	*0.13*	
		For >25,000 LF, Deduct	*-0.10*	
		For Broken Line, Deduct	*-0.17*	
32 17 23 13-0024	LF	Double 4" Wide Solid Lines, Painted Reflective Pavement Striping	0.44	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.07*	
		For Broken Line On One Side, Deduct	*-0.06*	
		For Double Broken Line, Deduct	*-0.11*	
32 17 23 13-0025	LF	Double 6" Wide Solid Lines, Painted Reflective Pavement Striping	0.65	
		For Up To 5,000 LF, Add	*0.13*	
		For >25,000 LF, Deduct	*-0.10*	
		For Broken Line On One Side, Deduct	*-0.08*	
		For Double Broken Line, Deduct	*-0.17*	
32 17 23 13-0026	SF	Solid Area, Painted Reflective Pavement Striping	4.84	
		Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 13-0027	EA	6" High, Letter/Number, Painted Reflective Pavement Marking	3.59	
		For <10, Add	*0.47*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 200, Deduct	*-0.32*	
		For >200, Deduct	*-0.63*	
32 17 23 13-0028	EA	12" High, Letter/Number, Painted Reflective Pavement Marking	6.34	
		For <10, Add	*0.72*	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 200, Deduct	*-0.48*	
		For >200, Deduct	*-0.96*	
32 17 23 13-0029	EA	24" High, Letter/Number, Painted Reflective Pavement Marking	10.67	
		For <10, Add	*1.19*	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 200, Deduct	*-0.79*	
		For >200, Deduct	*-1.59*	
32 17 23 13-0030	EA	36" High, Letter/Number, Painted Reflective Pavement Marking	20.68	
		For <10, Add	*2.38*	
		For >50 To 100, Deduct	*-1.19*	
		For >100 To 200, Deduct	*-1.59*	
		For >200, Deduct	*-3.18*	
32 17 23 13-0031	EA	48" High, Letter/Number, Painted Reflective Pavement Marking	24.05	
		For <10, Add	*2.67*	
		For >50 To 100, Deduct	*-1.34*	
		For >100 To 200, Deduct	*-1.78*	
		For >200, Deduct	*-3.56*	
32 17 23 13-0032	EA	72" High, Letter/Number, Painted Reflective Pavement Marking	43.09	
		For <10, Add	*4.75*	
		For >50 To 100, Deduct	*-2.38*	
		For >100 To 200, Deduct	*-3.17*	
		For >200, Deduct	*-6.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0033	EA	96" High, Letter/Number, Painted Reflective Pavement Marking	57.55	
		For <10, Add	*6.38*	
		For >50 To 100, Deduct	*-3.19*	
		For >100 To 200, Deduct	*-4.26*	
		For >200, Deduct	*-8.51*	
32 17 23 13-0034	EA	120" High, Letter/Number, Painted Reflective Pavement Marking	86.20	
		For <10, Add	*7.91*	
		For >50 To 100, Deduct	*-3.95*	
		For >100 To 200, Deduct	*-5.27*	
		For >200, Deduct	*-10.55*	
32 17 23 13-0035	SF	Letter/Number, Painted Reflective Pavement Marking Note: Includes solvent based and latex paints.	5.86	
32 17 23 13-0036	SF	Symbols, Painted Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc. Includes solvent based and latex paints.	6.94	

32 17 23 13-0037 Painted Reflective Pavement Marking (CALTRANS) *(32 17 23 13-0001)*

Note: Per LF of detail.

32 17 23 13-0038	LF	CALTRANS Detail 1 Centerline, Painted Reflective Pavement Striping	0.25	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0039	LF	CALTRANS Detail 2 Centerline, Painted Reflective Pavement Striping	0.38	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0040	LF	CALTRANS Detail 4 Centerline	0.72	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
32 17 23 13-0041	LF	CALTRANS Detail 5 Centerline, Painted Reflective Pavement Striping	0.24	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0042	LF	CALTRANS Detail 6 Centerline, Painted Reflective Pavement Striping	0.38	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0043	LF	CALTRANS Detail 7 Centerline	0.52	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0044	LF	CALTRANS Detail 8 Lanelines, Painted Reflective Pavement Striping	0.25	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0045	LF	CALTRANS Detail 9 Lanelines, Painted Reflective Pavement Striping	0.38	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0046	LF	CALTRANS Detail 10 Lanelines	0.72	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
32 17 23 13-0047	LF	CALTRANS Detail 11 Lanelines, Painted Reflective Pavement Striping	0.24	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0048	LF	CALTRANS Detail 12 Lanelines, Painted Reflective Pavement Striping	0.37	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0049	LF	CALTRANS Detail 13 Lanelines	0.52	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0050	LF	CALTRANS Detail 14 Lanelines	0.52	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0051	LF	CALTRANS Detail 14A Lanelines, Painted Reflective Pavement Striping	0.37	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0052	LF	CALTRANS Detail 15 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.33	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
		For Broken Line On One Side, Deduct	*-0.04*	
		For Double Broken Line, Deduct	*-0.08*	
32 17 23 13-0053	LF	CALTRANS Detail 16 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.86	
		For Up To 5,000 LF, Add	*0.17*	
		For >25,000 LF, Deduct	*-0.13*	
32 17 23 13-0054	LF	CALTRANS Detail 17 No Passing Zones-One Direction Lanelines	2.10	
		For Up To 5,000 LF, Add	*0.42*	
		For >25,000 LF, Deduct	*-0.32*	
32 17 23 13-0055	LF	CALTRANS Detail 18 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.33	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
		For Broken Line On One Side, Deduct	*-0.04*	
		For Double Broken Line, Deduct	*-0.08*	
32 17 23 13-0056	LF	CALTRANS Detail 19 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.72	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
32 17 23 13-0057	LF	CALTRANS Detail 20 No Passing Zones-One Direction Lanelines	1.77	
		For Up To 5,000 LF, Add	*0.35*	
		For >25,000 LF, Deduct	*-0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0058	LF	CALTRANS Detail 21 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.40	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
		For Broken Line On One Side, Deduct	*-0.07*	
		For Double Broken Line, Deduct	*-0.14*	
32 17 23 13-0059	LF	CALTRANS Detail 22 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.92	
		For Up To 5,000 LF, Add	*0.18*	
		For >25,000 LF, Deduct	*-0.14*	
32 17 23 13-0060	LF	CALTRANS Detail 23 No Passing Zones-Two Direction Lanelines	2.50	
		For Up To 5,000 LF, Add	*0.50*	
		For >25,000 LF, Deduct	*-0.38*	
32 17 23 13-0061	LF	CALTRANS Detail 24 Left Edgelines, Painted Reflective Pavement Striping	0.31	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0062	LF	CALTRANS Detail 25 Left Edgelines, Painted Reflective Pavement Striping	0.44	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.07*	
32 17 23 13-0063	LF	CALTRANS Detail 25A Left Edgelines, Painted Reflective Pavement Striping	0.57	
		For Up To 5,000 LF, Add	*0.11*	
		For >25,000 LF, Deduct	*-0.09*	
32 17 23 13-0064	LF	CALTRANS Detail 26 Left Edgelines	0.13	
		For Up To 5,000 LF, Add	*0.03*	
		For >25,000 LF, Deduct	*-0.02*	
32 17 23 13-0065	LF	CALTRANS Detail 27 Left Edgelines, Painted Reflective Pavement Striping	0.53	
		For Up To 5,000 LF, Add	*0.11*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0066	LF	CALTRANS Detail 27B Right Edgelines, Painted Reflective Pavement Striping	0.31	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0067	LF	CALTRANS Detail 27C Right Edgeline Extension Through Intersections, Painted Reflective Pavement Striping	0.24	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0068	LF	CALTRANS Detail 28 Median Islands, Painted Reflective Pavement Striping	0.78	
		For Up To 5,000 LF, Add	*0.16*	
		For >25,000 LF, Deduct	*-0.12*	
		For Broken Line On One Side, Deduct	*-0.13*	
		For Double Broken Line, Deduct	*-0.26*	
32 17 23 13-0069	LF	CALTRANS Detail 29 Median Islands, Painted Reflective Pavement Striping	1.30	
		For Up To 5,000 LF, Add	*0.26*	
		For >25,000 LF, Deduct	*-0.20*	
32 17 23 13-0070	LF	CALTRANS Detail 30 Median Islands	4.99	
		For Up To 5,000 LF, Add	*1.00*	
		For >25,000 LF, Deduct	*-0.75*	
32 17 23 13-0071	LF	CALTRANS Detail 31 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	0.65	
		For Up To 5,000 LF, Add	*0.13*	
		For >25,000 LF, Deduct	*-0.10*	
		For Broken Line On One Side, Deduct	*-0.08*	
		For Double Broken Line, Deduct	*-0.17*	
32 17 23 13-0072	LF	CALTRANS Detail 32 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	1.30	
		For Up To 5,000 LF, Add	*0.26*	
		For >25,000 LF, Deduct	*-0.20*	
32 17 23 13-0073	LF	CALTRANS Detail 33 Two-Way Left Turn Lanes	3.41	
		For Up To 5,000 LF, Add	*0.68*	
		For >25,000 LF, Deduct	*-0.51*	
32 17 23 13-0074	LF	CALTRANS Detail 34 Intersection Treatments, Painted Reflective Pavement Striping	0.72	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
32 17 23 13-0075	LF	CALTRANS Detail 34A Intersection Treatments, Painted Reflective Pavement Striping	0.33	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0076	LF	CALTRANS Detail 35 Intersection Treatments, Painted Reflective Pavement Striping	0.86	
		For Up To 5,000 LF, Add	*0.17*	
		For >25,000 LF, Deduct	*-0.13*	
32 17 23 13-0077	LF	CALTRANS Detail 35A Intersection Treatments, Painted Reflective Pavement Striping	0.33	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0078	LF	CALTRANS Detail 36 Exit Ramp Neutral Area (Gore) Treatment, Painted Reflective Pavement Striping	1.50	
		For Up To 5,000 LF, Add	*0.30*	
		For >25,000 LF, Deduct	*-0.23*	
32 17 23 13-0079	LF	CALTRANS Detail 36A Entrance Ramp Neutral Area (Merge) Treatment, Painted Reflective Pavement Striping	0.97	
		For Up To 5,000 LF, Add	*0.19*	
		For >25,000 LF, Deduct	*-0.15*	
32 17 23 13-0080	LF	CALTRANS Detail 36B Entrance Ramp Neutral Area (Acceleration Lane) Treatment, Painted Reflective Pavement Striping	1.05	
		For Up To 5,000 LF, Add	*0.21*	
		For >25,000 LF, Deduct	*-0.16*	
32 17 23 13-0081	LF	CALTRANS Detail 37 Lane Drop At Exit Ramps, Painted Reflective Pavement Striping	0.92	
		For Up To 5,000 LF, Add	*0.18*	
		For >25,000 LF, Deduct	*-0.14*	
32 17 23 13-0082	LF	CALTRANS Detail 37A Lane Drop At Exit Ramps	1.68	
		For Up To 5,000 LF, Add	*0.34*	
		For >25,000 LF, Deduct	*-0.25*	
32 17 23 13-0083	LF	CALTRANS Detail 37B Lane Drop At Intersections, Painted Reflective Pavement Striping	0.92	
		For Up To 5,000 LF, Add	*0.18*	
		For >25,000 LF, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0084	LF	CALTRANS Detail 37C Lane Drop At Intersections	1.68	
		For Up To 5,000 LF, Add	*0.34*	
		For >25,000 LF, Deduct	*-0.25*	
32 17 23 13-0085	LF	CALTRANS Detail 38 Channelizing Line, Painted Reflective Pavement Striping	0.88	
		For Up To 5,000 LF, Add	*0.18*	
		For >25,000 LF, Deduct	*-0.13*	
32 17 23 13-0086	LF	CALTRANS Detail 38A Channelizing Line, Painted Reflective Pavement Striping	0.63	
		For Up To 5,000 LF, Add	*0.13*	
		For >25,000 LF, Deduct	*-0.09*	
32 17 23 13-0087	LF	CALTRANS Detail 38B Channelizing Line, Painted Reflective Pavement Striping	1.14	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0088	LF	CALTRANS Detail 38C Channelizing Line	2.50	
		For Up To 5,000 LF, Add	*0.50*	
		For >25,000 LF, Deduct	*-0.38*	
32 17 23 13-0089	LF	CALTRANS Detail 39 Bike Lane Line, Painted Reflective Pavement Striping	0.38	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0090	LF	CALTRANS Detail 39A Intersection Line Bike Lane, Painted Reflective Pavement Striping	0.31	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0091	LF	CALTRANS Detail 40 Lane Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.23	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.03*	
32 17 23 13-0092	LF	CALTRANS Detail 40A Lane Line Extensions Through Intersections	1.19	
		For Up To 5,000 LF, Add	*0.24*	
		For >25,000 LF, Deduct	*-0.18*	
32 17 23 13-0093	LF	CALTRANS Detail 41 Center Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.23	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.03*	
32 17 23 13-0094	LF	CALTRANS Detail 41A Center Line Extensions Through Intersections	1.19	
		For Up To 5,000 LF, Add	*0.24*	
		For >25,000 LF, Deduct	*-0.18*	
32 17 23 13-0095	EA	CALTRANS 10' Arrow, Type I, Painted Reflective Pavement Marking	92.76	
		For <10, Add	*11.56*	
		For >50 To 100, Deduct	*-5.78*	
		For >100 To 200, Deduct	*-7.71*	
		For >200, Deduct	*-15.42*	
32 17 23 13-0096	EA	CALTRANS 18' Arrow, Type I, Painted Reflective Pavement Marking	162.90	
		For <10, Add	*20.24*	
		For >50 To 100, Deduct	*-10.12*	
		For >100 To 200, Deduct	*-13.49*	
		For >200, Deduct	*-26.98*	
32 17 23 13-0097	EA	CALTRANS 24' Arrow, Type I, Painted Reflective Pavement Marking	204.32	
		For <10, Add	*25.44*	
		For >50 To 100, Deduct	*-12.72*	
		For >100 To 200, Deduct	*-16.96*	
		For >200, Deduct	*-33.92*	
32 17 23 13-0098	EA	CALTRANS 24' Arrow With Single (L or R) Turn Arrow, Type II, Painted Reflective Pavement Marking	297.08	
		For <10, Add	*37.01*	
		For >50 To 100, Deduct	*-18.50*	
		For >100 To 200, Deduct	*-24.67*	
		For >200, Deduct	*-49.34*	
32 17 23 13-0099	EA	CALTRANS 24' Arrow With Both (L and R) Turn Arrows, Type II, Painted Reflective Pavement Marking	389.86	
		For <10, Add	*48.57*	
		For >50 To 100, Deduct	*-24.29*	
		For >100 To 200, Deduct	*-32.38*	
		For >200, Deduct	*-64.76*	
32 17 23 13-0100	EA	CALTRANS 24' Arrow Single (L or R) Turn Arrow, Type III, Painted Reflective Pavement Marking	274.44	
		For <10, Add	*34.11*	
		For >50 To 100, Deduct	*-17.06*	
		For >100 To 200, Deduct	*-22.74*	
		For >200, Deduct	*-45.48*	
32 17 23 13-0101	EA	CALTRANS 24' Arrow Both (L and R) Turn Arrows, Type III, Painted Reflective Pavement Marking	478.76	
		For <10, Add	*59.55*	
		For >50 To 100, Deduct	*-29.78*	
		For >100 To 200, Deduct	*-39.70*	
		For >200, Deduct	*-79.41*	
32 17 23 13-0102	EA	CALTRANS 8' Turn Arrow (L or R), Type IV, Painted Reflective Pavement Marking	97.74	
		For <10, Add	*12.14*	
		For >50 To 100, Deduct	*-6.07*	
		For >100 To 200, Deduct	*-8.10*	
		For >200, Deduct	*-16.19*	
32 17 23 13-0103	EA	CALTRANS 24' Arrow, Type V, Painted Reflective Pavement Marking	214.26	
		For <10, Add	*26.60*	
		For >50 To 100, Deduct	*-13.30*	
		For >100 To 200, Deduct	*-17.73*	
		For >200, Deduct	*-35.46*	
32 17 23 13-0104	EA	CALTRANS 18' Arrow, Type VI, Painted Reflective Pavement Marking	274.44	
		For <10, Add	*34.11*	
		For >50 To 100, Deduct	*-17.06*	
		For >100 To 200, Deduct	*-22.74*	
		For >200, Deduct	*-45.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0105	EA	CALTRANS 13' Arrow With Single (L or R) Turn Arrow, Type VII, Painted Reflective Pavement Marking	176.90	
		For <10, Add	*21.97*	
		For >50 To 100, Deduct	*-10.99*	
		For >100 To 200, Deduct	*-14.65*	
		For >200, Deduct	*-29.30*	
32 17 23 13-0106	EA	CALTRANS 15' Arrow With Both (L and R) Turn Arrows, Type VIII, Painted Reflective Pavement Marking	233.05	
		For <10, Add	*28.91*	
		For >50 To 100, Deduct	*-14.46*	
		For >100 To 200, Deduct	*-19.27*	
		For >200, Deduct	*-38.55*	
32 17 23 13-0107	EA	CALTRANS 5' Arrow, Bike Lane, Painted Reflective Pavement Marking	46.39	
		For <10, Add	*5.78*	
		For >50 To 100, Deduct	*-2.89*	
		For >100 To 200, Deduct	*-3.86*	
		For >200, Deduct	*-7.71*	
32 17 23 13-0108	EA	CALTRANS Railroad Crossing Symbol, Painted Reflective Pavement Marking Note: Excludes variable width transverse lines.	444.57	
		For <10, Add	*54.93*	
		For >50 To 100, Deduct	*-27.47*	
		For >100 To 200, Deduct	*-36.62*	
		For >200, Deduct	*-73.24*	
32 17 23 13-0109	SF	CALTRANS Solid Area, Painted Reflective Pavement Marking	5.83	
32 17 23 13-0110	EA	CALTRANS Bike Lane Symbol Without Person, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	46.70	
		For <10, Add	*4.16*	
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 200, Deduct	*-2.78*	
		For >200, Deduct	*-5.55*	
32 17 23 13-0111	EA	CALTRANS Bike Lane Symbol With Person, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	49.54	
		For <10, Add	*4.40*	
		For >50 To 100, Deduct	*-2.20*	
		For >100 To 200, Deduct	*-2.93*	
		For >200, Deduct	*-5.86*	
32 17 23 13-0112	EA	CALTRANS Diamond Symbol, Painted Reflective Pavement Marking	74.00	
		For <10, Add	*9.25*	
		For >50 To 100, Deduct	*-4.63*	
		For >100 To 200, Deduct	*-6.17*	
		For >200, Deduct	*-12.34*	
32 17 23 13-0113	EA	CALTRANS International Symbol Of Accessibility (ISA) Marking, Painted Reflective Pavement Marking	150.64	
		For <10, Add	*18.73*	
		For >50 To 100, Deduct	*-9.37*	
		For >100 To 200, Deduct	*-12.49*	
		For >200, Deduct	*-24.98*	
32 17 23 13-0114	EA	CALTRANS Bike Loop Detector Symbol, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	31.46	
		For <10, Add	*4.40*	
		For >50 To 100, Deduct	*-2.20*	
		For >100 To 200, Deduct	*-2.93*	
		For >200, Deduct	*-5.86*	
32 17 23 13-0115	SF	CALTRANS Letter/Number, Painted Reflective Pavement Marking	5.90	
32 17 23 13-0116	SF	CALTRANS Symbols, Painted Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	6.52	
32 17 23 13-0117		Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 13)* Note: Includes primers. Per Coat.		
32 17 23 13-0118		Painted Pavement Marking For Parking Areas *(32 17 23 13-0117)* Note: 15 mil thickness.		
32 17 23 13-0119	LF	Single 4" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.11	
32 17 23 13-0120	LF	Single 6" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.21	
32 17 23 13-0121	LF	Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.29	
32 17 23 13-0122	LF	Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.45	
32 17 23 13-0123	EA	6" High, Letter/Number, Painted Pavement Marking For Parking Areas	3.50	
		For Up To 10, Add	*0.46*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 200, Deduct	*-0.31*	
		For >200, Deduct	*-0.62*	
32 17 23 13-0124	EA	12" High, Letter/Number, Painted Pavement Marking For Parking Areas	6.13	
		For Up To 10, Add	*0.69*	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 200, Deduct	*-0.46*	
		For >200, Deduct	*-0.92*	
32 17 23 13-0125	EA	24" High, Letter/Number, Painted Pavement Marking For Parking Areas	10.35	
		For Up To 10, Add	*1.16*	
		For >50 To 100, Deduct	*-0.58*	
		For >100 To 200, Deduct	*-0.77*	
		For >200, Deduct	*-1.54*	
32 17 23 13-0126	EA	36" High, Letter/Number, Painted Pavement Marking For Parking Areas	19.28	
		For Up To 10, Add	*2.20*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 200, Deduct	*-1.46*	
		For >200, Deduct	*-2.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0127	EA	42" High, Letter/Number, Painted Pavement Marking For Parking Areas	25.38	
		For Up To 10, Add	*3.01*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-4.01*	
32 17 23 13-0128	EA	48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	30.70	
		For Up To 10, Add	*3.70*	
		For >50 To 100, Deduct	*-1.85*	
		For >100 To 200, Deduct	*-2.47*	
		For >200, Deduct	*-4.93*	
32 17 23 13-0129	EA	72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	41.85	
		For Up To 10, Add	*4.62*	
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 200, Deduct	*-3.08*	
		For >200, Deduct	*-6.17*	
32 17 23 13-0130	EA	Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 3-1/2' width x 10' height.	79.09	
32 17 23 13-0131	EA	Turn Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 6' width x 8' height.	92.67	
32 17 23 13-0132	EA	Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 11' width x 8' height.	137.37	
32 17 23 13-0133	EA	Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 7' width x 13' height.	140.51	
32 17 23 13-0134	EA	Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 9' width x 15' height.	187.98	
32 17 23 13-0135	EA	Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	30.56	
		For Blue Background With White Symbol, Add	*25.44*	
		For Blue Background With White Symbol And Border, Add	*31.80*	
32 17 23 13-0136	EA	Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.	47.52	
		For Blue Background With White Symbol, Add	*55.04*	
		For Blue Background With White Symbol And Border, Add	*68.80*	

32 17 23 13-0137 Painted Curbs *(32 17 23 13)*

Note: All colors.

32 17 23 13-0138	LF	Reflective Painted Curb	2.83	
32 17 23 13-0139	LF	Reflective Painted Curb And Gutter	5.43	
32 17 23 13-0140	LF	Painted Curb	2.30	
32 17 23 13-0141	LF	Painted Curb And Gutter	4.97	

32 17 23 13-0142 Markings For Outdoor Play Areas, Courts *(32 17 23 13)*

32 17 23 13-0143	LF	2" Wide Marking For Outdoor Play Areas	1.02	
32 17 23 13-0144	LF	3" Wide Marking For Outdoor Play Areas	1.15	
32 17 23 13-0145	LF	4" Wide Marking For Outdoor Play Areas	1.29	
32 17 23 13-0146	LF	6" Wide Marking For Outdoor Play Areas	1.52	
32 17 23 13-0147	EA	Layout And Paint Playground Game Lines And Background On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, Etcetera)	268.73	

32 17 23 23 Raised Pavement Markings *(32 17 23)*

32 17 23 23-0001 Raised Pavement Markers (RPMs) *(32 17 23 23)*

32 17 23 23-0002	EA	One-Way Reflective, Raised Pavement Marker (RPM) Note: Type G, H or R	5.90	2.71
		For >100, Deduct	*-0.59*	
32 17 23 23-0003	EA	Two-Way Reflective, Raised Pavement Marker (RPM) Note: Type B, C, D, AC, RA or RR	6.24	2.71
		For >100, Deduct	*-0.62*	
32 17 23 23-0004	EA	4" Diameter, Round Reflective, Raised Pavement Marker (RPM)	7.05	2.71
		For >100, Deduct	*-0.71*	
32 17 23 23-0005	EA	4" Diameter, Non-Reflective, Raised Pavement Marker (RPM) Note: Type A or AY	5.48	2.71
		For >100, Deduct	*-0.55*	

32 17 23 23-0006 Snowplowable Pavement Markers *(32 17 23 23)*

32 17 23 23-0007	EA	One-Way Reflective, Snowplowable Pavement Marker With Center Rail Note: Type G, H or R	74.89	32.59
32 17 23 23-0008	EA	Two-Way Reflective, Snowplowable Pavement Marker With Center Rail Note: Type B, C, D, AC, RA or RR	75.18	32.59
32 17 23 23-0009	EA	Removal And Replacement Of Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker	20.50	
32 17 23 23-0010	EA	Removal And Replacement Of Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker	26.22	

32 17 23 33 Plastic Pavement Markings *(32 17 23)*

32 17 23 33-0001 Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 33)*

Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0002		Thermoplastic Reflective Pavement Marking *(32 17 23 33-0001)* Note: 90 mil thickness.		
32 17 23 33-0003	LF	Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	1.36	
		For Up To 5,000 LF, Add	*0.27*	
		For >25,000 LF, Deduct	*-0.20*	
		For 60 mils Thick, Deduct	*-0.19*	
		For 125 mils Thick, Add	*0.24*	
		For Broken Line, Deduct	*-0.80*	
32 17 23 33-0004	LF	Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	1.95	
		For Up To 5,000 LF, Add	*0.39*	
		For >25,000 LF, Deduct	*-0.29*	
		For 60 mils Thick, Deduct	*-0.28*	
		For 125 mils Thick, Add	*0.36*	
		For Broken Line, Deduct	*-1.20*	
32 17 23 33-0005	LF	Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	2.58	
		For Up To 5,000 LF, Add	*0.52*	
		For >25,000 LF, Deduct	*-0.39*	
		For 60 mils Thick, Deduct	*-0.37*	
		For 125 mils Thick, Add	*0.48*	
		For Broken Line, Deduct	*-1.60*	
32 17 23 33-0006	LF	Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	3.78	
		For Up To 5,000 LF, Add	*0.76*	
		For >25,000 LF, Deduct	*-0.57*	
		For 60 mils Thick, Deduct	*-0.56*	
		For 125 mils Thick, Add	*0.72*	
		For Broken Line, Deduct	*-2.40*	
32 17 23 33-0007	LF	Double 4" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	2.56	
		For Up To 5,000 LF, Add	*0.51*	
		For >25,000 LF, Deduct	*-0.38*	
		For 60 mils Thick, Deduct	*-0.37*	
		For 125 mils Thick, Add	*0.48*	
		For Broken Line On One Side, Deduct	*-0.80*	
		For Double Broken Line, Deduct	*-1.60*	
32 17 23 33-0008	LF	Double 6" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	3.78	
		For Up To 5,000 LF, Add	*0.76*	
		For >25,000 LF, Deduct	*-0.57*	
		For 60 mils Thick, Deduct	*-0.56*	
		For 125 mils Thick, Add	*0.72*	
		For Broken Line On One Side, Deduct	*-1.20*	
		For Double Broken Line, Deduct	*-2.40*	
32 17 23 33-0009	SF	Solid Area, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Includes yellow or white.	7.80	
		For 60 mils Thick, Deduct	*-0.56*	
		For 125 mils Thick, Add	*0.72*	
32 17 23 33-0010	EA	6" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	5.08	
		For Up To 10, Add	*0.52*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 200, Deduct	*-0.35*	
		For >200, Deduct	*-0.69*	
		For 60 mils Thick, Deduct	*-0.28*	
		For 125 mils Thick, Add	*0.36*	
32 17 23 33-0011	EA	12" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	11.07	
		For Up To 10, Add	*0.79*	
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 200, Deduct	*-0.52*	
		For >200, Deduct	*-1.05*	
		For 60 mils Thick, Deduct	*-1.02*	
		For 125 mils Thick, Add	*1.31*	
32 17 23 33-0012	EA	24" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	18.92	
		For Up To 10, Add	*1.31*	
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 200, Deduct	*-0.87*	
		For >200, Deduct	*-1.74*	
		For 60 mils Thick, Deduct	*-1.79*	
		For 125 mils Thick, Add	*2.30*	
32 17 23 33-0013	EA	36" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	35.45	
		For Up To 10, Add	*2.63*	
		For >50 To 100, Deduct	*-1.31*	
		For >100 To 200, Deduct	*-1.75*	
		For >200, Deduct	*-3.50*	
		For 60 mils Thick, Deduct	*-3.14*	
		For 125 mils Thick, Add	*4.04*	
32 17 23 33-0014	EA	48" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	42.91	
		For Up To 10, Add	*2.94*	
		For >50 To 100, Deduct	*-1.47*	
		For >100 To 200, Deduct	*-1.96*	
		For >200, Deduct	*-3.92*	
		For 60 mils Thick, Deduct	*-4.08*	
		For 125 mils Thick, Add	*5.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0015	EA	72" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	77.48	
		For Up To 10, Add	*5.23*	
		For >50 To 100, Deduct	*-2.61*	
		For >100 To 200, Deduct	*-3.49*	
		For >200, Deduct	*-6.97*	
		For 60 mils Thick, Deduct	*-7.46*	
		For 125 mils Thick, Add	*9.59*	
32 17 23 33-0016	EA	96" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	102.89	
		For Up To 10, Add	*7.02*	
		For >50 To 100, Deduct	*-3.51*	
		For >100 To 200, Deduct	*-4.68*	
		For >200, Deduct	*-9.36*	
		For 60 mils Thick, Deduct	*-9.82*	
		For 125 mils Thick, Add	*12.62*	
32 17 23 33-0017	EA	120" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	183.17	
		For Up To 10, Add	*8.70*	
		For >50 To 100, Deduct	*-4.35*	
		For >100 To 200, Deduct	*-5.80*	
		For >200, Deduct	*-11.60*	
		For 60 mils Thick, Deduct	*-21.91*	
		For 125 mils Thick, Add	*28.17*	
32 17 23 33-0018	SF	Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	9.28	
		For 60 mils Thick, Deduct	*-0.71*	
		For 125 mils Thick, Add	*0.91*	
32 17 23 33-0019	SY	Cross Hatch, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Per SY of area.	26.43	
		For 60 mils Thick, Deduct	*-1.25*	
		For 125 mils Thick, Add	*1.61*	
32 17 23 33-0020	EA	Handicap Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	240.06	
		For 60 mils Thick, Deduct	*-16.26*	
		For 125 mils Thick, Add	*20.90*	
32 17 23 33-0021	EA	Railroad Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	714.42	
		For 60 mils Thick, Deduct	*-49.47*	
		For 125 mils Thick, Add	*63.61*	
32 17 23 33-0022	EA	Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	158.79	
		For 60 mils Thick, Deduct	*-22.39*	
		For 125 mils Thick, Add	*28.79*	
32 17 23 33-0023	EA	Diamond Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	114.81	
		For 60 mils Thick, Deduct	*-7.77*	
		For 125 mils Thick, Add	*9.99*	
32 17 23 33-0024	SF	Symbols, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	10.44	
		For 60 mils Thick, Deduct	*-0.71*	
		For 125 mils Thick, Add	*0.91*	
32 17 23 33-0025	EA	10' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	146.12	
		For 60 mils Thick, Deduct	*-9.89*	
		For 125 mils Thick, Add	*12.72*	
32 17 23 33-0026	EA	18' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	260.93	
		For 60 mils Thick, Deduct	*-17.67*	
		For 125 mils Thick, Add	*22.72*	
32 17 23 33-0027	EA	24' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	323.55	
		For 60 mils Thick, Deduct	*-21.91*	
		For 125 mils Thick, Add	*28.17*	
32 17 23 33-0028	EA	24' Arrow With Single (L or R) Turn Arrow, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	469.67	
		For 60 mils Thick, Deduct	*-31.80*	
		For 125 mils Thick, Add	*40.89*	
32 17 23 33-0029	EA	24' Arrow With Both (L and R) Turn Arrows, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	615.80	
		For 60 mils Thick, Deduct	*-41.70*	
		For 125 mils Thick, Add	*53.61*	
32 17 23 33-0030	EA	24' Arrow Single (L or R) Turn Arrow, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	438.36	
		For 60 mils Thick, Deduct	*-29.68*	
		For 125 mils Thick, Add	*38.16*	
32 17 23 33-0031	EA	24' Arrow Both (L and R) Turn Arrows, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	761.92	
		For 60 mils Thick, Deduct	*-51.59*	
		For 125 mils Thick, Add	*66.33*	
32 17 23 33-0032	EA	8' Turn Arrow (L or R), Type IV, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	156.56	
		For 60 mils Thick, Deduct	*-10.60*	
		For 125 mils Thick, Add	*13.63*	
32 17 23 33-0033	EA	24' Arrow, Type V, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	344.43	
		For 60 mils Thick, Deduct	*-23.32*	
		For 125 mils Thick, Add	*29.99*	
32 17 23 33-0034	EA	18' Arrow, Type VI, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	438.36	
		For 60 mils Thick, Deduct	*-29.68*	
		For 125 mils Thick, Add	*38.16*	
32 17 23 33-0035	EA	13' Arrow With Single (L or R) Turn Arrow, Type VII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	281.81	
		For 60 mils Thick, Deduct	*-19.08*	
		For 125 mils Thick, Add	*24.53*	
32 17 23 33-0036	EA	15' Arrow With Both (L and R) Turn Arrows, Type VIII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	375.75	
		For 60 mils Thick, Deduct	*-25.44*	
		For 125 mils Thick, Add	*32.71*	
32 17 23 33-0037	EA	5' Arrow, Bike Lane, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	73.06	
		For 60 mils Thick, Deduct	*-4.95*	
		For 125 mils Thick, Add	*6.36*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0038		Thermoplastic Reflective Pavement Striping By Hand For Repairs *(32 17 23 33-0001)*			
32 17 23 33-0039	LF	Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs		2.70	
		For 60 mils Thick, Deduct		*-0.19*	
		For 125 mils Thick, Add		*0.24*	
32 17 23 33-0040	LF	Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs		3.46	
		For 60 mils Thick, Deduct		*-0.28*	
		For 125 mils Thick, Add		*0.36*	
32 17 23 33-0041	LF	Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs		4.29	
		For 60 mils Thick, Deduct		*-0.37*	
		For 125 mils Thick, Add		*0.48*	
32 17 23 33-0042	LF	Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs		6.20	
		For 60 mils Thick, Deduct		*-0.56*	
		For 125 mils Thick, Add		*0.72*	
32 17 23 33-0043	LF	Single 24" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs		11.27	
		For 60 mils Thick, Deduct		*-1.12*	
		For 125 mils Thick, Add		*1.44*	
32 17 23 33-0044		Preformed, Patterned Reflective Pavement Marking Tape *(32 17 23 33-0001)*			
		Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).			
32 17 23 33-0045	LF	Single 4" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping		2.92	
		Note: Includes yellow or white.			
		For Up To 5,000 LF, Add		*0.58*	
		For >25,000 LF, Deduct		*-0.44*	
32 17 23 33-0046	LF	Single 6" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping		4.32	
		Note: Includes yellow or white.			
		For Up To 5,000 LF, Add		*0.86*	
		For >25,000 LF, Deduct		*-0.65*	
32 17 23 33-0047	LF	Single 8" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping		5.74	
		Note: Includes yellow or white.			
		For Up To 5,000 LF, Add		*1.15*	
		For >25,000 LF, Deduct		*-0.86*	
32 17 23 33-0048	LF	Single 12" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping		8.52	
		Note: Includes yellow or white.			
		For Up To 5,000 LF, Add		*1.70*	
		For >25,000 LF, Deduct		*-1.28*	
32 17 23 33-0049	SF	Solid Area, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Marking Tape		22.84	
		Note: Includes yellow or white.			
32 17 23 33-0050	EA	6" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape		34.03	
		For <10, Add		*0.95*	
		For >50 To 100, Deduct		*-0.47*	
		For >100 To 200, Deduct		*-0.63*	
		For >200, Deduct		*-1.26*	
32 17 23 33-0051	EA	12" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape		60.75	
		For <10, Add		*1.20*	
		For >50 To 100, Deduct		*-0.60*	
		For >100 To 200, Deduct		*-0.80*	
		For >200, Deduct		*-1.60*	
32 17 23 33-0052	EA	24" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape		103.92	
		For <10, Add		*2.38*	
		For >50 To 100, Deduct		*-1.19*	
		For >100 To 200, Deduct		*-1.59*	
		For >200, Deduct		*-3.18*	
32 17 23 33-0053	EA	36" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape		148.13	
		For <10, Add		*4.76*	
		For >50 To 100, Deduct		*-2.38*	
		For >100 To 200, Deduct		*-3.18*	
		For >200, Deduct		*-6.35*	
32 17 23 33-0054	EA	48" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape		173.98	
		For <10, Add		*5.34*	
		For >50 To 100, Deduct		*-2.67*	
		For >100 To 200, Deduct		*-3.56*	
		For >200, Deduct		*-7.12*	
32 17 23 33-0055	EA	72" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape		218.90	
		For <10, Add		*9.51*	
		For >50 To 100, Deduct		*-4.75*	
		For >100 To 200, Deduct		*-6.34*	
		For >200, Deduct		*-12.68*	
32 17 23 33-0056	EA	96" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape		278.17	
		For <10, Add		*12.77*	
		For >50 To 100, Deduct		*-6.38*	
		For >100 To 200, Deduct		*-8.51*	
		For >200, Deduct		*-17.02*	
32 17 23 33-0057	EA	120" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape		348.93	
		For <10, Add		*15.82*	
		For >50 To 100, Deduct		*-7.91*	
		For >100 To 200, Deduct		*-10.55*	
		For >200, Deduct		*-21.09*	
32 17 23 33-0058	SF	Preformed Arrow, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape		23.46	
32 17 23 33-0059	SF	Preformed Symbol, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape		24.62	
		Note: Handicap, railroad, diamond symbol, etc.			
32 17 23 33-0060		Preformed, Thermoplastic Reflective Pavement Marking *(32 17 23 33-0001)*			
		Note: Heat applied. (Flint PreMark or HotTape Series).			

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0061	EA	Preformed Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 4' width x 8' height.	348.73	
32 17 23 33-0062	EA	Preformed Railroad Crossing Symbol, 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	925.82	
32 17 23 33-0063	EA	Preformed Preferential Lane Symbol (Diamond), 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 13' height.	180.62	
32 17 23 33-0064	EA	6' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 2' width x 6' height.	150.80	
32 17 23 33-0065	EA	9-1/2' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.	299.95	
32 17 23 33-0066	EA	4' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 4' height.	176.14	
32 17 23 33-0067	EA	8' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 6' width x 8' height.	334.91	
32 17 23 33-0068	EA	Preformed Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.	577.90	
32 17 23 33-0069	EA	Preformed Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 11-1/4' width x 13-1/4' height.	874.44	
32 17 23 33-0070	EA	Preformed Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 1-2/3' width x 12' height.	307.51	
32 17 23 33-0071	EA	Preformed Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 12' height.	342.47	
32 17 23 33-0072	EA	Preformed Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 12' height.	638.68	
32 17 23 33-0073	EA	Preformed Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/2' width x 20' height.	586.37	
32 17 23 33-0074	EA	Preformed Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 20' height.	588.69	
32 17 23 33-0075	EA	Preformed Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 18' height.	814.83	
32 17 23 33-0076		Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 33)*		
32 17 23 33-0077		Thermoplastic Pavement Marking Symbols For Parking Areas *(32 17 23 33-0076)* Note: Heat applied. (Flint PreMark Series).		
32 17 23 33-0078	EA	28" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White or blue symbol. Excludes striping.	117.17	
32 17 23 33-0079	EA	39" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas	449.28	
32 17 23 33-0080	EA	40" x 40" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	252.64	
32 17 23 33-0081	EA	45" x 45" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	304.06	
32 17 23 33-0082	EA	48" x 48" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas	318.76	

32 17 26 Tactile Warning Surfaces *(32 17)*

32 17 26 00-0001		Vitrified Polymer Composite (VPC); (Armor Tile) *(32 17 26)* Note: Truncated dome, raised strips or directional bars. All colors.		
32 17 26 00-0002	SF	Surface Applied VPC Truncated Dome Detectable Warning Surface Note: Includes adhesive, fasteners and sealant at perimeter. Also raised strips or directional bars. All colors.	64.60	8.63
32 17 26 00-0003	SF	Embedded, VPC Truncated Dome Detectable Warning Surface Note: Also raised strips or directional bars. All colors.	53.38	8.63
32 17 26 00-0004		Fiber-Reinforced, Polymermodified Cement And Coated With Acrylic Resin Emulsion (SatetyStep TD) *(32 17 26)* Note: Pre-molded tactile dome sheet. All colors.		
32 17 26 00-0005	SF	Up To 15 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 top coat sealer and SSTD-1250 finish . All colors. 2' or 3' width.	73.89	8.63
32 17 26 00-0006	SF	>15 To 36 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 top coat sealer and SSTD-1250 finish . All colors. 2' or 3' width.	66.13	8.63

32 18 Athletic and Recreational Surfacing *(32 10)*

32 18 16 Synthetic Resilient Surfacing *(32 18)*

32 18 16 13 Playground Protective Surfacing *(32 18 16)*

32 18 16 13-0001		Tile Playground Surface Material *(32 18 16 13)* Note: Black. With or without channel bottom. Includes transition section and curbs. Excludes sub base.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0002	SF	1-3/4" Thick, Resilient Rubber Tile Playground Surfacing	22.57	2.45
		For Manufacturer's Standard Colors, Add	*1.37*	
		For Interlocking Tiles, Add	*3.05*	
		For Mechanically Fastened, Add	*1.87*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0003	SF	2" Thick, Resilient Rubber Tile Playground Surfacing	23.04	2.60
		For Manufacturer's Standard Colors, Add	*1.37*	
		For Interlocking Tiles, Add	*3.05*	
		For Mechanically Fastened, Add	*1.96*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0004	SF	2-1/4" Thick, Resilient Rubber Tile Playground Surfacing	23.96	2.90
		For Manufacturer's Standard Colors, Add	*1.37*	
		For Interlocking Tiles, Add	*3.05*	
		For Mechanically Fastened, Add	*2.15*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0005	SF	2-1/2" Thick, Resilient Rubber Tile Playground Surfacing	24.87	3.21
		For Manufacturer's Standard Colors, Add	*1.37*	
		For Interlocking Tiles, Add	*3.05*	
		For Mechanically Fastened, Add	*2.33*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0006	SF	2-3/4" Thick, Resilient Rubber Tile Playground Surfacing	27.76	3.51
		For Manufacturer's Standard Colors, Add	*1.03*	
		For Interlocking Tiles, Add	*3.44*	
		For Mechanically Fastened, Add	*2.51*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0007	SF	3" Thick, Resilient Rubber Tile Playground Surfacing	28.78	3.85
		For Manufacturer's Standard Colors, Add	*1.03*	
		For Interlocking Tiles, Add	*3.44*	
		For Mechanically Fastened, Add	*2.71*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0008	SF	3-1/4" Thick, Resilient Rubber Tile Playground Surfacing	29.83	4.20
		For Manufacturer's Standard Colors, Add	*1.03*	
		For Interlocking Tiles, Add	*3.44*	
		For Mechanically Fastened, Add	*2.92*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0009	SF	3-1/2" Thick, Resilient Rubber Tile Playground Surfacing	32.80	4.50
		For Manufacturer's Standard Colors, Add	*0.58*	
		For Interlocking Tiles, Add	*3.84*	
		For Mechanically Fastened, Add	*3.12*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0010	SF	3-3/4" Thick, Resilient Rubber Tile Playground Surfacing	33.72	4.86
		For Manufacturer's Standard Colors, Add	*0.58*	
		For Interlocking Tiles, Add	*3.84*	
		For Mechanically Fastened, Add	*3.30*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0011	SF	4" Thick, Resilient Rubber Tile Playground Surfacing	34.72	5.14
		For Manufacturer's Standard Colors, Add	*0.58*	
		For Interlocking Tiles, Add	*3.84*	
		For Mechanically Fastened, Add	*3.50*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0012	SF	4-1/2" Thick, Resilient Rubber Tile Playground Surfacing	39.95	5.78
		For Manufacturer's Standard Colors, Add	*0.56*	
		For Interlocking Tiles, Add	*4.50*	
		For Mechanically Fastened, Add	*3.89*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	

32 18 16 13-0013 Loose Laid Playground Surface Material *(32 18 16 13)*

Note: Excludes sub base.

32 18 16 13-0014	SF	3" Loose Laid Wood Fiber Safety Playground Surfacing	1.99	0.37
32 18 16 13-0015	SF	6" Loose Laid Wood Fiber Safety Playground Surfacing	2.71	0.45
32 18 16 13-0016	SF	9" Loose Laid Wood Fiber Safety Playground Surfacing	3.51	0.55
32 18 16 13-0017	SF	12" Loose Laid Wood Fiber Safety Playground Surfacing	4.94	0.83
32 18 16 13-0018	SF	3" Loose Laid Synthetic Fiber Safety Playground Surfacing	3.29	0.37
32 18 16 13-0019	SF	6" Loose Laid Synthetic Fiber Safety Playground Surfacing	4.07	0.45
32 18 16 13-0020	SF	9" Loose Laid Synthetic Fiber Safety Playground Surfacing	6.48	0.55
32 18 16 13-0021	SF	12" Loose Laid Synthetic Fiber Safety Playground Surfacing	7.94	0.83
32 18 16 13-0022	SF	8" FIBAR System Playground Surfacing Note: Includes drainage system on 6" centers, felt, edge railing and 8" wood fiber.	13.41	1.37
32 18 16 13-0023	SF	12" FIBAR System Playground Surfacing Note: Includes drainage system on 6" centers, felt, edge railing and 12" wood fiber.	16.95	1.84

32 18 16 13-0024 Poured In Place Playground Surfacing *(32 18 16 13)*

Note: Includes SBR base mat, 100% color ethylene propylene diene monomer (EPDM) top surface and 5 year warranty. Includes primer for base mat and top surface. Includes all colors. Excludes base preparation.

32 18 16 13-0025	SF	1-3/4" Thick, Up To 4' Critical Fall Height, Poured In Place Rubber Playground Surfacing	17.83	2.68
		For Up To 2,000, Add	*3.61*	
		For >2,000 To 3,000, Add	*2.55*	
		For >3,000 To 4,000, Add	*1.73*	
		For >4,000 To 5,000, Add	*1.11*	
		For >5,000 To 7,000, Add	*0.46*	
		For Aliphatic (Non Yellowing) Binder, Add	*4.09*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.57*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0026	SF	2" Thick, 5' Critical Fall Height, Poured In Place Rubber Playground Surfacing	18.39	2.97
		For Up To 2,000, Add	*3.72*	
		For >2,000 To 3,000, Add	*2.62*	
		For >3,000 To 4,000, Add	*1.79*	
		For >4,000 To 5,000, Add	*1.14*	
		For >5,000 To 7,000, Add	*0.47*	
		For Aliphatic (Non Yellowing) Binder, Add	*4.09*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.57*	
32 18 16 13-0027	SF	2-1/2" Thick, 6' Critical Fall Height, Poured In Place Rubber Playground Surfacing	19.85	3.40
		For Up To 2,000, Add	*4.02*	
		For >2,000 To 3,000, Add	*2.83*	
		For >3,000 To 4,000, Add	*1.93*	
		For >4,000 To 5,000, Add	*1.23*	
		For >5,000 To 7,000, Add	*0.51*	
		For Aliphatic (Non Yellowing) Binder, Add	*4.09*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.57*	
32 18 16 13-0028	SF	3" Thick, 7' Critical Fall Height, Poured In Place Rubber Playground Surfacing	21.45	3.62
		For Up To 2,000, Add	*4.34*	
		For >2,000 To 3,000, Add	*3.06*	
		For >3,000 To 4,000, Add	*2.08*	
		For >4,000 To 5,000, Add	*1.33*	
		For >5,000 To 7,000, Add	*0.55*	
		For Aliphatic (Non Yellowing) Binder, Add	*4.09*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.57*	
32 18 16 13-0029	SF	3-1/2" Thick, 8' Critical Fall Height, Poured In Place Rubber Playground Surfacing	23.03	3.80
		For Up To 2,000, Add	*4.66*	
		For >2,000 To 3,000, Add	*3.29*	
		For >3,000 To 4,000, Add	*2.24*	
		For >4,000 To 5,000, Add	*1.43*	
		For >5,000 To 7,000, Add	*0.59*	
		For Aliphatic (Non Yellowing) Binder, Add	*4.09*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.57*	
32 18 16 13-0030	SF	4" Thick, 9' Critical Fall Height, Poured In Place Rubber Playground Surfacing	24.38	4.02
		For Up To 2,000, Add	*4.94*	
		For >2,000 To 3,000, Add	*3.48*	
		For >3,000 To 4,000, Add	*2.37*	
		For >4,000 To 5,000, Add	*1.51*	
		For >5,000 To 7,000, Add	*0.63*	
		For Aliphatic (Non Yellowing) Binder, Add	*4.09*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.57*	
32 18 16 13-0031	SF	4-1/2" Thick, 10' Critical Fall Height, Poured In Place Rubber Playground Surfacing	25.96	4.24
		For Up To 2,000, Add	*5.25*	
		For >2,000 To 3,000, Add	*3.70*	
		For >3,000 To 4,000, Add	*2.52*	
		For >4,000 To 5,000, Add	*1.61*	
		For >5,000 To 7,000, Add	*0.67*	
		For Aliphatic (Non Yellowing) Binder, Add	*4.09*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.57*	
32 18 16 13-0032	SF	5-1/2" Thick, 12' Critical Fall Height, Poured In Place Rubber Playground Surfacing	29.13	4.76
		For Up To 2,000, Add	*5.90*	
		For >2,000 To 3,000, Add	*4.16*	
		For >3,000 To 4,000, Add	*2.83*	
		For >4,000 To 5,000, Add	*1.81*	
		For >5,000 To 7,000, Add	*0.75*	
		For Aliphatic (Non Yellowing) Binder, Add	*4.09*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.57*	
32 18 16 13-0033	SF	1/2" Top Only, Poured In Place Playground Surfacing	11.64	
		Note: Not used with new surfacing system tasks.		
		For Up To 2,000, Add	*3.55*	
		For >2,000 To 3,000, Add	*2.30*	
		For >3,000 To 4,000, Add	*1.40*	
		For >4,000 To 5,000, Add	*0.85*	
		For >5,000 To 7,000, Add	*0.38*	
		For Aliphatic (Non Yellowing) Binder, Add	*4.09*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.57*	
32 18 16 13-0034	EA	Simple Graphics Including Hopscotch, Four Square Or Geometric Shapes (5 Per 1,000 SF) For Poured In Place Playground Surfacing	2,641.34	
32 18 16 13-0035		Synthetic Playground Turf (Sporturf) *(32 18 16 13)*		
		Note: Excludes base preparation, aggregate, or drainage.		
32 18 16 13-0036	SF	60 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Sporturf PL929)	10.16	
32 18 16 13-0037	SF	71 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Mirage PL906)	8.95	
32 18 16 13-0038	SF	2" Foam Padding (Sporturf)	5.78	
32 18 16 13-0039	CF	Sand/Ruber Infill (Sporturf)	54.59	

32 18 23 Athletic Surfacing *(32 18)*

32 18 23 13 Baseball Field Surfacing *(32 18 23)*

32 18 23 13-0001		Infield Dust *(32 18 23 13)*		
32 18 23 13-0002	SF	4" Deep Red Brick Infield Mix	4.73	0.68

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 13-0003		Clay Infield Maintenance *(32 18 23 13)*		
32 18 23 13-0004	MSF	Playing Field Maintenance (Clay - Nail Drag)	11.90	
32 18 23 13-0005	MSF	Playing Field Maintenance (Clay - Screen Drag)	11.90	
32 18 23 13-0006	CY	Playing Field Maintenance Of Clay	104.34	
32 18 23 13-0007	Ton	Medium Pro Baseball Infield Mix (Diamond Select 60/40 Pro Infield Mix)	175.10	
32 18 23 23		**Field Sport Surfacing** *(32 18 23)*		
32 18 23 23-0001		Turf Field Maintenance *(32 18 23 23)*		
32 18 23 23-0002	ACR	Turf Aeration (Minimum 6" Penetration)	160.12	
32 18 23 23-0003	MSF	Top Dressing 1/8" - 1/4" Sand	15.21	
32 18 23 23-0004	BAG	Envirofill, 50 LB Bag	117.85	
32 18 23 29		**Synthetic Field Sport Surfacing** *(32 18 23)*		
32 18 23 29-0001		Synthetic Field Sport Surfacing *(32 18 23 29)*		
32 18 23 29-0002		Synthetic Turf (AstroTurf) *(32 18 23 29-0001)* Note: Includes labor, equipment and material required to install the task.		
32 18 23 29-0003		Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT) *(32 18 23 29-0002)*		
32 18 23 29-0004		38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 38) *(32 18 23 29-0003)*		
32 18 23 29-0005	SF	38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 38)	8.01	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0006	EA	Football Markings For AstroTurf® GameDay Grass™ MT 38 Fields	26,256.04	
32 18 23 29-0007	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 38 Fields	21,401.15	
32 18 23 29-0008	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 38 Fields. Note: Per sport.	6,440.16	
32 18 23 29-0009	EA	Endzone Lettering For AstroTurf® GameDay Grass™ MT 38 Fields Note: Per letter. Excludes outline.	2,377.91	
32 18 23 29-0010	EA	Colored Endzone For AstroTurf® GameDay Grass™ MT 38 Fields. Note: Per endzone.	2,278.83	
32 18 23 29-0011	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 38 Fields Note: Block letter.	19,815.88	
32 18 23 29-0012	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 38 Fields Note: Graphic.	28,733.03	
32 18 23 29-0013		41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 41) *(32 18 23 29-0003)*		
32 18 23 29-0014	SF	41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 41)	9.21	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0015	EA	Football Markings For AstroTurf® GameDay Grass™ MT 41 Fields	26,751.60	
32 18 23 29-0016	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 41 Fields	22,193.92	
32 18 23 29-0017	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 41 Fields. Note: Per sport.	6,935.60	
32 18 23 29-0018	EA	Endzone Lettering For AstroTurf® GameDay Grass™ MT 41 Fields Note: Per letter. Excludes outline.	2,576.08	
32 18 23 29-0019	EA	Colored Endzone For AstroTurf® GameDay Grass™ MT 41 Fields. Note: Per endzone.	2,377.92	
32 18 23 29-0020	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 41 Fields Note: Block letter.	20,806.80	
32 18 23 29-0021	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 41 Fields Note: Graphic.	30,169.86	
32 18 23 29-0022		45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 45) *(32 18 23 29-0003)*		
32 18 23 29-0023	SF	45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 45)	9.38	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0024	EA	Football Markings For AstroTurf® GameDay Grass™ MT 45 Fields	27,247.00	
32 18 23 29-0025	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 45 Fields	23,977.36	
32 18 23 29-0026	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 45 Fields. Note: Per sport.	7,431.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0027	EA	Endzone Lettering For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per letter. Excludes outline.	2,774.24	
32 18 23 29-0028	EA	Colored Endzone For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per endzone.	2,477.00	
32 18 23 29-0029	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 45 Fields Note: Block letter.	21,797.60	
32 18 23 29-0030	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 45 Fields Note: Graphic.	31,606.52	

32 18 23 29-0031 Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D) *(32 18 23 29-0002)*

32 18 23 29-0032 52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 52) *(32 18 23 29-0031)*

32 18 23 29-0033	SF	52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 52)	10.50
		For Ambient Rubber And Sand Infill, Add	*0.10*
		For Cryo Rubber Infill, Add	*0.20*
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*
		For Cryo Rubber And Sand Infill, Add	*0.30*
32 18 23 29-0034	EA	Football Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields	28,237.63
32 18 23 29-0035	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields	30,120.14
32 18 23 29-0036	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per sport.	8,421.75
32 18 23 29-0037	EA	Endzone Lettering For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per letter. Excludes outline.	3,170.54
32 18 23 29-0038	EA	Colored Endzone For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per endzone.	2,675.14
32 18 23 29-0039	EA	Simple Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Block letter.	23,779.06
32 18 23 29-0040	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Graphic.	34,479.63

32 18 23 29-0041 60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 60) *(32 18 23 29-0031)*

32 18 23 29-0042	SF	60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 60)	10.87
		For Ambient Rubber And Sand Infill, Add	*0.10*
		For Cryo Rubber Infill, Add	*0.20*
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*
		For Cryo Rubber And Sand Infill, Add	*0.30*
32 18 23 29-0043	EA	Football Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	28,733.03
32 18 23 29-0044	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	33,488.84
32 18 23 29-0045	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per sport.	8,917.15
32 18 23 29-0046	EA	Endzone Lettering For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per letter. Excludes outline.	3,368.70
32 18 23 29-0047	EA	Colored Endzone For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per endzone.	2,774.22
32 18 23 29-0048	EA	Simple Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Block letter.	24,769.85
32 18 23 29-0049	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Graphic.	35,916.28

32 18 23 29-0050 52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 52) *(32 18 23 29-0031)*

32 18 23 29-0051	SF	52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 52)	10.88
		For Ambient Rubber And Sand Infill, Add	*0.10*
		For Cryo Rubber Infill, Add	*0.20*
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*
		For Cryo Rubber And Sand Infill, Add	*0.30*
32 18 23 29-0052	EA	Football Markings For AstroTurf® GameDay Grass™ 3D 52 Fields	29,228.42
32 18 23 29-0053	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3D 52 Fields	33,687.00
32 18 23 29-0054	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per sport.	9,412.54
32 18 23 29-0055	EA	Endzone Lettering For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per letter. Excludes outline.	3,566.86
32 18 23 29-0056	EA	Colored Endzone For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per endzone.	2,873.30
32 18 23 29-0057	EA	Simple Logo For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Block letter.	25,760.64
32 18 23 29-0058	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Graphic.	37,352.93

32 18 23 29-0059 60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 60) *(32 18 23 29-0031)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0060	SF	60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 60)	11.09	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0061	EA	Football Markings For AstroTurf® GameDay Grass™ 3D 60 Fields	29,723.82	
32 18 23 29-0062	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3D 60 Fields	35,866.74	
32 18 23 29-0063	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per sport.	9,907.94	
32 18 23 29-0064	EA	Endzone Lettering For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per letter. Excludes outline.	3,963.18	
32 18 23 29-0065	EA	Colored Endzone For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per endzone.	2,972.38	
32 18 23 29-0066	EA	Simple Logo For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Block letter.	26,751.44	
32 18 23 29-0067	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Graphic.	38,789.59	
32 18 23 29-0068		Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ XPe) *(32 18 23 29-0002)*		
32 18 23 29-0069		38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 38) *(32 18 23 29-0068)*		
32 18 23 29-0070	SF	38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 38)	8.84	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0071	EA	Football Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	25,265.40	
32 18 23 29-0072	EA	Baseball Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	18,627.04	
32 18 23 29-0073	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per sport.	5,449.40	
32 18 23 29-0074	EA	Endzone Lettering For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per letter. Excludes outline.	1,981.60	
32 18 23 29-0075	EA	Colored Endzone For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per endzone.	2,080.68	
32 18 23 29-0076	EA	Simple Logo For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Block letter.	17,834.40	
32 18 23 29-0077	EA	Deluxe Logo For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Graphic.	25,859.88	
32 18 23 29-0078		42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 42) *(32 18 23 29-0068)*		
32 18 23 29-0079	SF	42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 42)	7.77	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.26*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*	
		For Cryo Rubber And Sand Infill, Add	*0.36*	
32 18 23 29-0080	EA	Football Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	25,760.64	
32 18 23 29-0081	EA	Baseball Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	19,815.88	
32 18 23 29-0082	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per sport.	5,944.76	
32 18 23 29-0083	EA	Endzone Lettering For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per letter. Excludes outline.	2,179.75	
32 18 23 29-0084	EA	Colored Endzone For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per endzone.	2,179.75	
32 18 23 29-0085	EA	Simple Logo For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Block letter.	18,825.09	
32 18 23 29-0086	EA	Deluxe Logo For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Graphic.	27,296.37	
32 18 23 29-0087		Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®) *(32 18 23 29-0002)*		
32 18 23 29-0088	SF	Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®)	17.44	
32 18 23 29-0089	SF	Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® PureGrass®)	15.62	
32 18 23 29-0090	EA	Football Markings For AstroTurf® PureGrass® Fields	48,889.22	
32 18 23 29-0091	EA	Baseball Markings For AstroTurf® PureGrass® Fields	58,082.07	
32 18 23 29-0092	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® PureGrass® Fields Note: Per sport.	14,207.12	
32 18 23 29-0093	EA	Endzone Lettering For AstroTurf® PureGrass® Fields Note: Per letter. Excludes outline.	5,432.14	
32 18 23 29-0094	EA	Colored Endzone For AstroTurf® PureGrass® Fields Note: Per endzone.	4,032.10	
32 18 23 29-0095	EA	Simple Logo For AstroTurf® PureGrass® Fields Note: Block letter.	36,288.91	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0096	EA	Deluxe Logo For AstroTurf® PureGrass® Fields Note: Graphic.	53,276.72	
32 18 23 29-0097		**Synthetic Turf (G9 Turf)** *(32 18 23 29-0001)* Note: Includes labor, equipment and material required to install the task.		
32 18 23 29-0098	SF	2-1/2" Height, 53 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Playmaker Turf) Note: For football and multi-sport fields. Excludes preparation of sub-base, grooming, sports lines and logos.	9.63	
		For >35,000, Deduct	*-0.87*	
32 18 23 29-0099	SF	2" Height, 48 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Striker Turf) Note: For all sports other than football. Excludes preparation of sub-base, grooming, sports lines and logos.	9.54	
		For >35,000, Deduct	*-0.86*	
32 18 23 29-0100	SF	1-3/4" Height, 72 Ounce, Tufted 3/8" Gauge, Two-Color Monofilament Synthetic Turf With Thatch Layer And Acrylic Coated Sand Infill (G9 Turf Perennial Turf) Note: For landscaped areas or playgrounds. Excludes preparation of sub-base, grooming, sports lines and logos.	9.96	
32 18 23 29-0101	EA	Football Inlays For G9 Synthetic Turf Note: Includes field grid, numbers, arrows, coach's box and kick off lines.	67,604.15	
32 18 23 29-0102	EA	Soccer Inlays For G9 Synthetic Turf	29,295.13	
32 18 23 29-0103	EA	Boys Lacrosse Inlays For G9 Synthetic Turf	29,295.13	
32 18 23 29-0104	EA	Girls Lacrosse Inlays For G9 Synthetic Turf	29,295.13	
32 18 23 29-0105	EA	Field Hockey Inlays For G9 Synthetic Turf	29,295.13	
32 18 23 29-0106	EA	Endzone Lettering For G9 Synthetic Turf Note: Priced per letter. Includes single color outlining.	3,380.21	
32 18 23 29-0107	SF	Ethylene Propylene Diene Monomer (EPDM) Black Infill For G9 Synthetic Turf	3.17	
32 18 23 29-0108	SF	Ethylene Propylene Diene Monomer (EPDM) Color Infill For G9 Synthetic Turf	8.26	
32 18 23 29-0109	SF	Styrene-Butadiene Rubber (SBR) Infill For G9 Synthetic Turf	2.36	
32 18 23 29-0110	SF	Sand Infill For G9 Synthetic Turf	1.19	
32 18 23 29-0111	SF	Acrylic Coated Sand Infill For G9 Synthetic Turf	1.95	
32 18 23 29-0112	EA	Gmax Compaction And Hardness Test For G9 Synthetic Turf Note: Includes a comprehensive report.	2,253.47	
32 18 23 29-0113	EA	Safety Bridge Over Track For G9 Synthetic Turf	22,534.72	
32 18 23 29-0114	SF	Clean And Groom Synthetic Turf Note: Includes using equipment to pick up metal particles in the field, air vacuum the top 2-5 mm of infill, clean and screen to remove broken strands, dirt, bandage, etc.	0.74	
		For >10,000 To 30,000, Deduct	*-0.30*	
		For >30,000 To 60,000, Deduct	*-0.52*	
		For >60,000, Deduct	*-0.57*	
32 18 23 29-0115	SF	Rejuvenate Synthetic Turf And Reinstall Existing Infill Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes reinstalling the old infill that was removed.	5.05	
32 18 23 29-0116	SF	Rejuvenate Synthetic Turf For Installation Of New Infill Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes disposing of the old infill. Excludes new infill.	5.61	
32 18 23 29-0117	SF	Drainage Layer For G9 Synthetic Turf Note: Used for drainage over asphalt or on roof tops.	4.60	
32 18 23 29-0118	SF	15 mm. Shock Pad For G9 Synthetic Turf Note: Used for additional Gmax for a stone base field.	2.83	
32 18 23 29-0119	EA	Single Visit Repair Call To Repair Up To 300 LF Of Inlay Lines Or Seams On G9 Synthetic Turf Note: Includes field inspection and report.	4,491.00	
32 18 23 29-0120	LF	Repair Inlay Lines Or Seams On G9 Synthetic Turf Note: Linear foot price for repairs over the initial repair call maximum of 300 LF.	12.35	
32 18 23 29-0121	LF	Nailer Used To Attach G9 Synthetic Turf	4.94	
32 18 23 29-0122	SF	Removal And Recycling Of Existing Field Note: Includes removal, shipping and recycling of infill, fibers and backing.	3.48	
32 18 23 33		**Running Track Surfacing** *(32 18 23)*		
32 18 23 33-0001		Running Track Surfacing *(32 18 23 33)*		
32 18 23 33-0002	SY	2-1/2" Asphaltic Concrete Running Track Surfacing	36.36	
32 18 23 33-0003		Running Track Seal And Colored Surfaces *(32 18 23 33)*		
32 18 23 33-0004	SY	1 Seal Coat, Striping Of Track Note: Includes certification.	15.74	
32 18 23 39		**Synthetic Running Track Surfacing** *(32 18 23)*		
32 18 23 39-0001		Synthetic Running Track Surfacing (XPLODE™) And Striping *(32 18 23 39)* Note: Includes labor, equipment and material required to install the task. Excludes asphalt base.		
32 18 23 39-0002	SY	Paved-In-Place Styrene-Butadiene Rubber (SBR) Or Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Synthetic Running Track Surfacing (XPLODE™ M100)	70.65	7.01
		For >5,500, Deduct	*-7.77*	
		For Up To 4,000, Add	*24.73*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 39-0003	SY	Paved-In-Place Styrene-Butadiene Rubber (SBR) Granule Base Mat With Polyurethane Binder Finished With A Textured And Pigmented Polyurethane And Ethylene Propylene Diene Monomer (EPDM) Rubber Structural Spray Coat, Synthetic Running Track Surfacing (XPLODE™ MS200)	94.81	7.01
		For >5,500, Deduct	*-10.43*	
		For Up To 4,000, Add	*33.18*	
		For Custom Color Upgrade, Add	*9.01*	
		For Aliphatic Top Coating, Add	*17.07*	
32 18 23 39-0004	SY	Paved-In-Place Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Two-Component Polyurethane Sealer Layer And Two-Component Polyurethane Wearing Layer With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber, Synthetic Running Track Surfacing (XPLODE™ MSX500)	159.35	7.01
		For >5,500, Deduct	*-9.56*	
		For Up To 4,000, Add	*55.77*	
		For Custom Color Upgrade, Add	*12.27*	
		For Aliphatic Top Coating, Add	*22.79*	
32 18 23 39-0005	SY	Full Pour Two-Component Polyurethane Track System With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber Surface, Synthetic Running Track Surfacing (XPLODE™ MSX5000)	205.83	7.01
		For >5,500, Deduct	*-12.35*	
		For Up To 4,000, Add	*72.04*	
		For Custom Color Upgrade, Add	*16.05*	
		For Aliphatic Top Coating, Add	*23.46*	
32 18 23 39-0006	SY	Latex Binder, Synthetic Running Track Surfacing (XPLODE™ Plexitrac® Lightning)	64.36	
		For >5,500, Deduct	*-7.08*	
		For Up To 4,000, Add	*22.53*	
32 18 23 39-0007	SY	Latex Binder, Synthetic Running Track Surfacing (XPLODE™ Plexitrac® Accelerator)	72.44	
		For >5,500, Deduct	*-10.50*	
		For Up To 4,000, Add	*25.35*	
32 18 23 39-0008	SY	Spray Retop XPLODE™ M100/MS200 Running Tracks	63.63	
		For Up To 4,000, Add	*22.27*	
		For >5,500, Deduct	*-6.22*	
32 18 23 39-0009	SY	Sandwich Retop XPLODE™ MSX500 Running Tracks	123.16	
		For Up To 4,000, Add	*43.11*	
		For >5,500, Deduct	*-12.98*	
32 18 23 39-0010	SY	Retop XPLODE™ Plexitrac® Lightning Running Tracks Note: Two layers.	35.82	
		For Up To 4,000, Add	*12.54*	
		For >5,500, Deduct	*-5.92*	
32 18 23 39-0011	SY	Retop XPLODE™ Plexitrac® Accelerator Running Tracks Note: Two layers.	43.62	
		For Up To 4,000, Add	*15.27*	
		For >5,500, Deduct	*-5.92*	
32 18 23 39-0012	EA	Restripe XPLODE™ Running Track Note: Includes two coats of acrylic resurfacer and two coats of color.	14,808.06	
		For College Track Restriping, Add	*2,692.38*	

32 18 23 53 Tennis Court Surfacing *(32 18 23)*

32 18 23 53-0001 Tennis Court Surfacing *(32 18 23 53)*

See CSI section 32 18 23 61-0000 for 100% acrylic tennis court surfacing.

32 18 23 53-0002	SY	Tennis Court Bituminous Pavement, 2-1/2" Thick	40.10	

32 18 23 53-0003 Tennis Court Markings *(32 18 23 53)*

32 18 23 53-0004	EA	Paint Markings On Asphalt Tennis Court 2 Coats	443.08	

32 18 23 56 Natural Tennis Court Surfacing *(32 18 23)*

32 18 23 56-0001	SY	Clay Tennis Court	56.10	
32 18 23 56-0002	SY	Tennis Court, Pulverized Natural Greenstone, Fast Dry Note: Includes 4" base.	62.46	
32 18 23 56-0003	SY	Tennis Court, Rubber-Cork Base Resilient Pavement	21.76	
32 18 23 56-0004	SY	Resurface Clay Tennis Court	16.06	
32 18 23 56-0005	SY	Resurface Tennis Court, Pulverized Natural Greenstone	13.56	
32 18 23 56-0006	SY	Resurface Tennis Court, Resilient Pavement	8.87	

32 18 23 61 Multi-Use, Tennis Court, Basketball Court Athletic Surfacing *(32 18 23)*

32 18 23 61-0001 100% Acrylic Athletic Surfacing System (Plexipave®) *(32 18 23 61)*

Note: Excludes asphalt or concrete sub base and repairs of sub base.

32 18 23 61-0002 Surface Preparation For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*

32 18 23 61-0003	SY	100% Acrylic Resurfacer, Athletic Surfacing System (California Products Plexipave® Acrylic Resurfacer), Per Coat Note: Includes ultra fine silica sand. Applied with rubber squeegee.	1.73	
32 18 23 61-0004	SY	Acid Etching Concrete Pre-Treatment For Plexipave® Athletic Surfacing System (California Products Plexipave® Concrete Preparer®), Per Coat Note: For previously uncoated portland cement concrete. Applied with broom.	0.97	
32 18 23 61-0005	SY	Two-Part, Water Based Epoxy Primer For Plexipave® Athletic Surfacing System (California Products Plexipave® Ti-Coat®), Per Coat Note: For new or uncoated portland cement concrete. Applied with a short nap phenolic roller.	2.53	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 61-0006	SY	Up To 1/2" Thick, Acrylic Latex Patching Compound, Athletic Surfacing System (California Products Plexipave® Court Patch Binder), Per Coat Note: For patching depressions and uneven texture in new or existing asphalt or concrete surfaces. Includes ultra fine silica sand and portland cement. Applied with trowel or metal screed.	105.83	
32 18 23 61-0007		Surface Coatings For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)* Note: Standard color includes dark green, Florida green, light green, maroon, Sahara sand, brown, California red, and cape gray.		
32 18 23 61-0008	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), First Coat Note: Includes ultra fine silica sand. Applied with rubber squeegee.	3.94	
		For Pacific Blue, Add	*0.24*	
		For US Open Blue, Add	*0.84*	
32 18 23 61-0009	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Second Coat Note: Includes ultra fine silica sand. Applied with rubber squeegee.	3.13	
		For Pacific Blue, Add	*0.17*	
		For US Open Blue, Add	*0.60*	
32 18 23 61-0010	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Third Coat Note: Price per coat for third or additional coats. Includes ultra fine silica sand. Applied with rubber squeegee.	2.69	
		For Pacific Blue, Add	*0.13*	
		For US Open Blue, Add	*0.46*	
32 18 23 61-0011	SY	Non-Textured, 100% Acrylic Emulsion Color Coating Finish, Athletic Surfacing System (California Products Plexipave® Plexichrome®), Per Coat Note: Non-textured finish coat over Plexipave® for faster playing surfaces. Applied with rubber squeegee followed by wide hair-type push broom.	2.86	
		For Pacific Blue, Add	*0.08*	
		For US Open Or Australian Open Blue, Add	*0.54*	
		For Pro Purple, Add	*1.40*	
32 18 23 61-0012		Line Striping For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*		
32 18 23 61-0013	SY	Tennis Or Basketball Court Line Striping For Athletic Surfacing System, Per SY Of Court (California Products Plexipave® Hi-Hide Plexicolor®) Note: Textured or non-textured highly reflective line marking paint.	1.59	
32 18 23 61-0014		Cushion Coatings For Athletic Surfacing System (Plexipave® Plexicushion®) *(32 18 23 61-0001)*		
32 18 23 61-0015	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), First Coat Note: Applied with rubber squeegee.	6.72	
32 18 23 61-0016	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Second Coat Note: Applied with rubber squeegee.	9.33	
32 18 23 61-0017	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Third Coat Note: Price per coat for third or additional coats. Applied with rubber squeegee.	7.96	
32 18 23 61-0018	SY	Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), First Coat Note: Applied with rubber squeegee.	5.86	
32 18 23 61-0019	SY	Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), Second Coat Note: Price per coat for second or additional coats. Applied with rubber squeegee.	4.36	
32 18 23 61-0020		Resurface Athletic Court *(32 18 23 61)* Note: Excludes asphalt or concrete sub base and repairs of sub base.		
32 18 23 61-0021	SY	Court Resurfacing System, 2 Coats Resurfacer, 2 Coats Color, And Sand (SealMaster)	2.64	

32 30 Site Improvements *(32)*

32 31 Fences and Gates *(32 30)*

32 31 11 Gate Operators *(32 31)*

32 31 11 00-0001		Gate Operators *(32 31 11)* Note: Excludes gates, electrical connections, access controls and concrete foundation.		
32 31 11 00-0002		Swing Gate Actuator (DKS™ DoorKing®) *(32 31 11 00-0001)*		
32 31 11 00-0003		Single Gate, Swing Gate Actuator *(32 31 11 00-0002)*		
32 31 11 00-0004	EA	Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6003) Note: Includes one primary operator with a 10' wide gate capacity.	1,992.29	223.78
32 31 11 00-0005	EA	Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) Note: Includes one primary operator with a 14' wide gate capacity.	2,661.67	223.78
32 31 11 00-0006		Dual Gate, Swing Gate Actuator *(32 31 11 00-0002)*		
32 31 11 00-0007	EA	Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6003) Note: Includes one primary and one secondary operator each with a 10' wide gate capacity.	3,984.59	447.55

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 11 00-0008	EA	Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) Note: Includes one primary and one secondary operator each with a 14' wide gate capacity.	5,323.36	447.55
32 31 11 00-0009		Swing Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0001)*		
32 31 11 00-0010		Single Gate, Swing Gate Operators *(32 31 11 00-0009)*		
32 31 11 00-0011	EA	400 LB Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6050) Note: Includes one primary operator with a 10' wide and 400 LB gate capacity.	4,086.27	223.78
32 31 11 00-0012	EA	500 LB Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6100) Note: Includes one primary operator with a 14' wide and 500 LB gate capacity.	4,446.70	223.78
32 31 11 00-0013	EA	700 LB Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary operator with an 18' wide and 700 LB gate capacity.	6,042.93	223.78
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0014	EA	800 LB Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary operator with a 22' wide and 800 LB gate capacity.	6,849.63	223.78
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0015		Dual Gate, Swing Gate Operators *(32 31 11 00-0009)*		
32 31 11 00-0016	EA	400 LB Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6050) Note: Includes one primary and one secondary operator each with a 10' wide and 400 LB gate capacity.	7,228.53	447.55
32 31 11 00-0017	EA	500 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6100) Note: Includes one primary and one secondary operator each with a 14' wide and 500 LB gate capacity.	7,949.41	447.55
32 31 11 00-0018	EA	700 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary and one secondary operator each with an 18' wide and 700 LB gate capacity.	11,124.71	447.55
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0019	EA	800 LB Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary and one secondary operator each with a 22' wide and 800 LB gate capacity.	12,892.57	447.55
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0020		Sliding Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0001)* Note: Includes 20' of chain. See CSI section 32 31 11 00-0029 for additional chain over 20'.		
32 31 11 00-0021	EA	300 LB Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9050) Note: Includes operator, chain brackets, hardware and 20' of #41 chain.	1,846.79	223.78
32 31 11 00-0022	EA	1,000 LB Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9100) Note: Includes operator, chain brackets, hardware and 20' of #41 chain.	2,572.32	268.53
32 31 11 00-0023	EA	1,500 LB Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9150) Note: Includes operator, chain brackets, hardware and 20' of #40 chain.	3,165.94	268.53
32 31 11 00-0024	EA	3,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9210) Note: Includes operator, chain brackets, hardware and 20' of #50 chain.	4,124.67	313.28
32 31 11 00-0025	EA	2,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9220) Note: Includes operator, chain brackets, hardware and 20' of #50 chain.	5,040.54	313.28
32 31 11 00-0026	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9230) Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	6,860.02	358.04
32 31 11 00-0027	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9530) Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	11,401.20	358.04
32 31 11 00-0028	EA	10,000 LB Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9550) Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	19,275.57	402.80
32 31 11 00-0029		Accessories For Gate Actuators And Operators (DKS™ DoorKing®) *(32 31 11 00-0001)*		
32 31 11 00-0030	EA	Single Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9410)	655.70	
32 31 11 00-0031	EA	Two Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9409)	1,275.36	
32 31 11 00-0032	EA	Heater Kit For Gate Actuators And Operators (DKS™ DoorKing® 1601)	865.57	
32 31 11 00-0033	EA	Photoelectric Eye For Gate Actuators And Operators (DKS™ DoorKing® 8080-031)	937.92	
32 31 11 00-0034	EA	Reversing Edge Sensor For Gate Actuators And Operators (DKS™ DoorKing® 8080-020)	834.93	
32 31 11 00-0035	EA	Post Mount Base Plate For Gate Actuators And Operators (DKS™ DoorKing® 9310)	586.06	
32 31 11 00-0036	LF	#40 Chain For Sliding Gate Operators	5.75	
32 31 11 00-0037	LF	#41 Chain For Sliding Gate Operators	6.01	
32 31 11 00-0038	LF	#50 Chain For Sliding Gate Operators	7.65	
32 31 11 00-0039	LF	#60 Chain For Sliding Gate Operators	11.73	
32 31 11 00-0040	EA	Exterior Keypad Gate Operator (Linear AK-11)	708.41	151.44
32 31 11 00-0041		Sliding Gate Operator (LiftMaster) *(32 31 11 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 11 00-0042	EA	Up To 1,500 LB Capacity, 120/230 Volt, Single Phase, Sliding Gate Operator With 24 Volt DC Motor (Liftmaster® CSL24U) Note: Includes 30' Chain, Retro-Reflective Photoelectric Sensor and Reflector Hoods (LMRRUL) and 5' Resistive Safety Edge (S505AL).	2,962.81	274.50
		For Monitored Wireless Edge Receiver And Transmitter Option (Liftmaster LMWEKITU), Add	*199.72*	
		For Plug-In Loop Detector Option (Liftmaster LOOPDETLM), Add	*142.96*	
		For LED Strobe Light With Siren (Liftmaster SL-1301-SAQ), Add	*70.40*	
		For 10 Watt Solar Panel (Liftmaster SP10W12V), Add	*282.98*	
		For Each Additional 10' Chain, Add	*42.39*	

32 31 13 Chain Link Fences and Gates *(32 31)*

32 31 13 13 Chain Link Fences and Gates *(32 31 13)*

32 31 13 13-0001 Post Holes *(32 31 13 13)*
Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02 41 19 13-0083 for core drilling in concrete, 02 41 19 13-0221 for core drilling in asphalt.

32 31 13 13-0002 Auger By Machine Fence Post Hole In Soil *(32 31 13 13-0001)*

32 31 13 13-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	9.89
32 31 13 13-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	11.12
32 31 13 13-0005	VLF	3" Diameter Hole, Auger By Machine Fence Post Hole In Soil	13.18
32 31 13 13-0006	VLF	4" Diameter Hole, Auger By Machine Fence Post Hole In Soil	14.82
32 31 13 13-0007	VLF	6" Diameter Hole, Auger By Machine Fence Post Hole In Soil	16.18
32 31 13 13-0008	VLF	8" Diameter Hole, Auger By Machine Fence Post Hole In Soil	17.80
32 31 13 13-0009	VLF	10" Diameter Hole, Auger By Machine Fence Post Hole In Soil	19.77
32 31 13 13-0010	VLF	12" Diameter Hole, Auger By Machine Fence Post Hole In Soil	22.24
32 31 13 13-0011	VLF	18" Diameter Hole, Auger By Machine Fence Post Hole In Soil	25.43
32 31 13 13-0012	VLF	24" Diameter Hole, Auger By Machine Fence Post Hole In Soil	29.66
32 31 13 13-0013	VLF	30" Diameter Hole, Auger By Machine Fence Post Hole In Soil	35.59
32 31 13 13-0014	VLF	36" Diameter Hole, Auger By Machine Fence Post Hole In Soil	44.48

32 31 13 13-0015 Post Hole In Rock *(32 31 13 13-0001)*

32 31 13 13-0016	CF	Jackhammer Post Hole In Rock	74.51
32 31 13 13-0017	CF	Rock Drill Post Hole In Rock	20.69

32 31 13 13-0018 Fill For Post Holes *(32 31 13 13-0001)*

32 31 13 13-0019 Concrete Fill For Post Holes *(32 31 13 13-0018)*

32 31 13 13-0020	VLF	Up To 2-1/2" Diameter, Concrete Fill For Post Hole	5.86
32 31 13 13-0021	VLF	2-1/2" Diameter, Concrete Fill For Post Hole	7.53
32 31 13 13-0022	VLF	3" Diameter, Concrete Fill For Post Hole	8.28
32 31 13 13-0023	VLF	4" Diameter, Concrete Fill For Post Hole	9.49
32 31 13 13-0024	VLF	6" Diameter, Concrete Fill For Post Hole	13.37
32 31 13 13-0025	VLF	8" Diameter, Concrete Fill For Post Hole	17.85
32 31 13 13-0026	VLF	10" Diameter, Concrete Fill For Post Hole	21.82
32 31 13 13-0027	VLF	12" Diameter, Concrete Fill For Post Hole	25.44
32 31 13 13-0028	VLF	18" Diameter, Concrete Fill For Post Hole	34.59
32 31 13 13-0029	VLF	24" Diameter, Concrete Fill For Post Hole	42.86
32 31 13 13-0030	VLF	30" Diameter, Concrete Fill For Post Hole	50.92
32 31 13 13-0031	VLF	36" Diameter, Concrete Fill For Post Hole	59.28

32 31 13 13-0032 Grout Fill For Post Holes *(32 31 13 13-0018)*

32 31 13 13-0033	VLF	Up To 2-1/2" Diameter, Grout Fill For Post Hole	6.96
32 31 13 13-0034	VLF	2-1/2" Diameter, Grout Fill For Post Hole	8.96
32 31 13 13-0035	VLF	3" Diameter, Grout Fill For Post Hole	9.75
32 31 13 13-0036	VLF	4" Diameter, Grout Fill For Post Hole	10.93
32 31 13 13-0037	VLF	6" Diameter, Grout Fill For Post Hole	15.27
32 31 13 13-0038	VLF	8" Diameter, Grout Fill For Post Hole	20.38
32 31 13 13-0039	VLF	10" Diameter, Grout Fill For Post Hole	24.83
32 31 13 13-0040	VLF	12" Diameter, Grout Fill For Post Hole	28.80
32 31 13 13-0041	VLF	18" Diameter, Grout Fill For Post Hole	38.45
32 31 13 13-0042	VLF	24" Diameter, Grout Fill For Post Hole	46.90
32 31 13 13-0043	VLF	30" Diameter, Grout Fill For Post Hole	55.09
32 31 13 13-0044	VLF	36" Diameter, Grout Fill For Post Hole	63.47

32 31 13 13-0045 Compacted Earth Fill For Post Holes *(32 31 13 13-0018)*

32 31 13 13-0046	VLF	Up To 2-1/2" Diameter, Compacted Earth Fill For Post Hole	4.98
32 31 13 13-0047	VLF	2-1/2" Diameter, Compacted Earth Fill For Post Hole	6.48
32 31 13 13-0048	VLF	3" Diameter, Compacted Earth Fill For Post Hole	6.78
32 31 13 13-0049	VLF	4" Diameter, Compacted Earth Fill For Post Hole	6.97
32 31 13 13-0050	VLF	6" Diameter, Compacted Earth Fill For Post Hole	9.32
32 31 13 13-0051	VLF	8" Diameter, Compacted Earth Fill For Post Hole	12.43
32 31 13 13-0052	VLF	10" Diameter, Compacted Earth Fill For Post Hole	14.92
32 31 13 13-0053	VLF	12" Diameter, Compacted Earth Fill For Post Hole	16.91
32 31 13 13-0054	VLF	18" Diameter, Compacted Earth Fill For Post Hole	20.61
32 31 13 13-0055	VLF	24" Diameter, Compacted Earth Fill For Post Hole	23.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0056	VLF	30" Diameter, Compacted Earth Fill For Post Hole	25.36	
32 31 13 13-0057	VLF	36" Diameter, Compacted Earth Fill For Post Hole	27.35	
32 31 13 13-0058		**Fence Posts** *(32 31 13 13)*		
		Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 13 13-0059		**Fence Posts** *(32 31 13 13-0058)*		
32 31 13 13-0060		**1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel** *(32 31 13 13-0059)*		
		Note: Includes cap and accessories.		
32 31 13 13-0061	LF	1-7/8" Galvanized H-beam Post, Up To 6' In Length	19.50	2.92
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0062	LF	1-7/8" Galvanized H-beam Post, 7' To 10' In Length	18.67	2.48
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0063	LF	1-7/8" Galvanized H-beam Post, 11' To 15' In Length	17.66	2.06
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0064	LF	1-7/8" Galvanized H-beam Post, 16' To 20' In Length	16.85	1.62
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0065	LF	1-7/8" Galvanized H-beam Post, 21' To 24' In Length	16.31	1.41
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0066	LF	1-7/8" Galvanized H-beam Post, >24' In Length	15.46	0.97
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0067		**Post Without Top Rail Fitting, Galvanized Steel (1.66" Nominal)** *(32 31 13 13-0059)*		
		Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0068	LF	Up To 6' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	13.21	2.70
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.95*	
		For Vinyl Coated, Add	*4.69*	
		For Powder Coated, Add	*6.25*	
		For Aluminum Coated, Add	*9.76*	
		For Schedule 20, Deduct	*-1.56*	
		For Schedule 80, Add	*4.29*	
32 31 13 13-0069	LF	7' To 10' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	12.29	2.27
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.93*	
		For Vinyl Coated, Add	*4.64*	
		For Powder Coated, Add	*6.18*	
		For Aluminum Coated, Add	*9.66*	
		For Schedule 20, Deduct	*-1.55*	
		For Schedule 80, Add	*4.17*	
32 31 13 13-0070	LF	11' To 15' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	11.33	1.83
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.92*	
		For Vinyl Coated, Add	*4.61*	
		For Powder Coated, Add	*6.15*	
		For Aluminum Coated, Add	*9.61*	
		For Schedule 20, Deduct	*-1.54*	
		For Schedule 80, Add	*4.06*	
32 31 13 13-0071	LF	16' To 20' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	10.59	1.41
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.92*	
		For Vinyl Coated, Add	*4.60*	
		For Powder Coated, Add	*6.14*	
		For Aluminum Coated, Add	*9.59*	
		For Schedule 20, Deduct	*-1.53*	
		For Schedule 80, Add	*3.97*	
32 31 13 13-0072	LF	21' To 24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	10.10	1.19
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.92*	
		For Vinyl Coated, Add	*4.60*	
		For Powder Coated, Add	*6.13*	
		For Aluminum Coated, Add	*9.58*	
		For Schedule 20, Deduct	*-1.53*	
		For Schedule 80, Add	*3.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0073	LF	>24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	9.57	0.97
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.92*	
		For Vinyl Coated, Add	*4.60*	
		For Powder Coated, Add	*6.13*	
		For Aluminum Coated, Add	*9.58*	
		For Schedule 20, Deduct	*-1.53*	
		For Schedule 80, Add	*3.87*	
32 31 13 13-0074		Post Without Top Rail Fitting, Galvanized Steel (1.90" Nominal) *(32 31 13 13-0059)*		
		Note: 2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0075	LF	2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	15.14	2.81
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.39*	
		For Vinyl Coated, Add	*5.73*	
		For Powder Coated, Add	*7.64*	
		For Aluminum Coated, Add	*11.94*	
		For Schedule 20, Deduct	*-1.91*	
		For Schedule 80, Add	*5.14*	
32 31 13 13-0076	LF	2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	14.29	2.38
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.36*	
		For Vinyl Coated, Add	*5.67*	
		For Powder Coated, Add	*7.56*	
		For Aluminum Coated, Add	*11.81*	
		For Schedule 20, Deduct	*-1.89*	
		For Schedule 80, Add	*5.02*	
32 31 13 13-0077	LF	2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	13.26	1.94
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.35*	
		For Vinyl Coated, Add	*5.64*	
		For Powder Coated, Add	*7.52*	
		For Aluminum Coated, Add	*11.75*	
		For Schedule 20, Deduct	*-1.88*	
		For Schedule 80, Add	*4.90*	
32 31 13 13-0078	LF	2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	12.46	1.51
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.35*	
		For Vinyl Coated, Add	*5.63*	
		For Powder Coated, Add	*7.50*	
		For Aluminum Coated, Add	*11.73*	
		For Schedule 20, Deduct	*-1.88*	
		For Schedule 80, Add	*4.81*	
32 31 13 13-0079	LF	2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	11.93	1.30
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.34*	
		For Vinyl Coated, Add	*5.62*	
		For Powder Coated, Add	*7.49*	
		For Aluminum Coated, Add	*11.70*	
		For Schedule 20, Deduct	*-1.87*	
		For Schedule 80, Add	*4.75*	
32 31 13 13-0080	LF	2" Outside Diameter Galvanized Steel Post, >24' In Length	11.45	1.08
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.34*	
		For Vinyl Coated, Add	*5.62*	
		For Powder Coated, Add	*7.49*	
		For Aluminum Coated, Add	*11.70*	
		For Schedule 20, Deduct	*-1.87*	
		For Schedule 80, Add	*4.70*	
32 31 13 13-0081		Post Without Top Rail Fitting, Galvanized Steel (2.375" Nominal) *(32 31 13 13-0059)*		
		Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0082	LF	2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	18.53	3.03
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.16*	
		For Vinyl Coated, Add	*7.58*	
		For Powder Coated, Add	*10.11*	
		For Aluminum Coated, Add	*15.80*	
		For Schedule 20, Deduct	*-2.53*	
		For Schedule 80, Add	*6.66*	
32 31 13 13-0083	LF	2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	17.59	2.59
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.13*	
		For Vinyl Coated, Add	*7.52*	
		For Powder Coated, Add	*10.02*	
		For Aluminum Coated, Add	*15.66*	
		For Schedule 20, Deduct	*-2.51*	
		For Schedule 80, Add	*6.52*	
32 31 13 13-0084	LF	2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	16.52	2.06
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.12*	
		For Vinyl Coated, Add	*7.48*	
		For Powder Coated, Add	*9.98*	
		For Aluminum Coated, Add	*15.59*	
		For Schedule 20, Deduct	*-2.49*	
		For Schedule 80, Add	*6.39*	
32 31 13 13-0085	LF	2-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	15.68	1.62
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.11*	
		For Vinyl Coated, Add	*7.46*	
		For Powder Coated, Add	*9.95*	
		For Aluminum Coated, Add	*15.55*	
		For Schedule 20, Deduct	*-2.49*	
		For Schedule 80, Add	*6.30*	
32 31 13 13-0086	LF	2-1/2" Outside Diameter Galvanized Steel Post, 21 To 24' In Length	15.13	1.41
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.11*	
		For Vinyl Coated, Add	*7.46*	
		For Powder Coated, Add	*9.94*	
		For Aluminum Coated, Add	*15.54*	
		For Schedule 20, Deduct	*-2.49*	
		For Schedule 80, Add	*6.24*	
32 31 13 13-0087	LF	2-1/2" Outside Diameter Galvanized Steel Post, >24' In Length	14.62	1.08
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.11*	
		For Vinyl Coated, Add	*7.46*	
		For Powder Coated, Add	*9.94*	
		For Aluminum Coated, Add	*15.54*	
		For Schedule 20, Deduct	*-2.49*	
		For Schedule 80, Add	*6.19*	
32 31 13 13-0088		Post Without Top Rail Fitting, Galvanized Steel (2.875" Nominal) *(32 31 13 13-0059)*		
		Note: 3" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0089	LF	3" Outside Diameter Galvanized Steel Post, Up To 6' In Length	25.55	3.24
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.77*	
		For Vinyl Coated, Add	*11.44*	
		For Powder Coated, Add	*15.26*	
		For Aluminum Coated, Add	*23.84*	
		For Schedule 20, Deduct	*-3.81*	
		For Schedule 80, Add	*9.80*	
32 31 13 13-0090	LF	3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	24.42	2.81
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.71*	
		For Vinyl Coated, Add	*11.30*	
		For Powder Coated, Add	*15.06*	
		For Aluminum Coated, Add	*23.54*	
		For Schedule 20, Deduct	*-3.77*	
		For Schedule 80, Add	*9.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0091	LF	3" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	23.21	2.27
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.68*	
		For Vinyl Coated, Add	*11.23*	
		For Powder Coated, Add	*14.97*	
		For Aluminum Coated, Add	*23.39*	
		For Schedule 20, Deduct	*-3.74*	
		For Schedule 80, Add	*9.43*	
32 31 13 13-0092	LF	3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	22.25	1.83
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.66*	
		For Vinyl Coated, Add	*11.19*	
		For Powder Coated, Add	*14.92*	
		For Aluminum Coated, Add	*23.31*	
		For Schedule 20, Deduct	*-3.73*	
		For Schedule 80, Add	*9.31*	
32 31 13 13-0093	LF	3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	21.62	1.51
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.66*	
		For Vinyl Coated, Add	*11.17*	
		For Powder Coated, Add	*14.90*	
		For Aluminum Coated, Add	*23.28*	
		For Schedule 20, Deduct	*-3.72*	
		For Schedule 80, Add	*9.24*	
32 31 13 13-0094	LF	3" Outside Diameter Galvanized Steel Post, >24' In Length	21.06	1.19
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.66*	
		For Vinyl Coated, Add	*11.17*	
		For Powder Coated, Add	*14.90*	
		For Aluminum Coated, Add	*23.28*	
		For Schedule 20, Deduct	*-3.72*	
		For Schedule 80, Add	*9.18*	

32 31 13 13-0095 Post Without Top Rail Fitting, Galvanized Steel, (4.00" Nominal) *(32 31 13 13-0059)*

Note: 4" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0096	LF	4" Outside Diameter Galvanized Steel Post, Up To 6' In Length	37.91	3.45
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*7.77*	
		For Vinyl Coated, Add	*18.65*	
		For Powder Coated, Add	*24.87*	
		For Aluminum Coated, Add	*38.86*	
		For Schedule 20, Deduct	*-6.22*	
		For Schedule 80, Add	*15.61*	
32 31 13 13-0097	LF	4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	36.35	2.81
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*7.67*	
		For Vinyl Coated, Add	*18.40*	
		For Powder Coated, Add	*24.53*	
		For Aluminum Coated, Add	*38.33*	
		For Schedule 20, Deduct	*-6.13*	
		For Schedule 80, Add	*15.29*	
32 31 13 13-0098	LF	4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	35.19	2.38
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*7.61*	
		For Vinyl Coated, Add	*18.27*	
		For Powder Coated, Add	*24.36*	
		For Aluminum Coated, Add	*38.06*	
		For Schedule 20, Deduct	*-6.09*	
		For Schedule 80, Add	*15.09*	
32 31 13 13-0099	LF	4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	34.13	1.94
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*7.59*	
		For Vinyl Coated, Add	*18.20*	
		For Powder Coated, Add	*24.27*	
		For Aluminum Coated, Add	*37.93*	
		For Schedule 20, Deduct	*-6.07*	
		For Schedule 80, Add	*14.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0100	LF	4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	34.08	1.94
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*7.57*	
		For Vinyl Coated, Add	*18.17*	
		For Powder Coated, Add	*24.23*	
		For Aluminum Coated, Add	*37.86*	
		For Schedule 20, Deduct	*-6.06*	
		For Schedule 80, Add	*14.92*	
32 31 13 13-0101	LF	4" Outside Diameter Galvanized Steel Post, >24' In Length	32.98	1.41
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*7.57*	
		For Vinyl Coated, Add	*18.17*	
		For Powder Coated, Add	*24.22*	
		For Aluminum Coated, Add	*37.85*	
		For Schedule 20, Deduct	*-6.06*	
		For Schedule 80, Add	*14.80*	

32 31 13 13-0102 Post Without Top Rail Fitting, Galvanized Steel (6.625" Nominal) *(32 31 13 13-0059)*

Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0103	LF	6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	75.28	3.78
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*16.93*	
		For Vinyl Coated, Add	*40.62*	
		For Powder Coated, Add	*54.16*	
		For Aluminum Coated, Add	*84.63*	
		For Schedule 20, Deduct	*-13.54*	
		For Schedule 80, Add	*33.25*	
32 31 13 13-0104	LF	6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	72.43	3.13
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*16.52*	
		For Vinyl Coated, Add	*39.65*	
		For Powder Coated, Add	*52.86*	
		For Aluminum Coated, Add	*82.60*	
		For Schedule 20, Deduct	*-13.22*	
		For Schedule 80, Add	*32.35*	
32 31 13 13-0105	LF	6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	70.54	2.59
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*16.32*	
		For Vinyl Coated, Add	*39.17*	
		For Powder Coated, Add	*52.22*	
		For Aluminum Coated, Add	*81.60*	
		For Schedule 20, Deduct	*-13.06*	
		For Schedule 80, Add	*31.86*	
32 31 13 13-0106	LF	6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	69.08	2.06
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*16.22*	
		For Vinyl Coated, Add	*38.92*	
		For Powder Coated, Add	*51.90*	
		For Aluminum Coated, Add	*81.09*	
		For Schedule 20, Deduct	*-12.97*	
		For Schedule 80, Add	*31.56*	
32 31 13 13-0107	LF	6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	68.27	1.83
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*16.17*	
		For Vinyl Coated, Add	*38.80*	
		For Powder Coated, Add	*51.74*	
		For Aluminum Coated, Add	*80.84*	
		For Schedule 20, Deduct	*-12.93*	
		For Schedule 80, Add	*31.40*	
32 31 13 13-0108	LF	6-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	67.63	1.51
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*16.16*	
		For Vinyl Coated, Add	*38.78*	
		For Powder Coated, Add	*51.70*	
		For Aluminum Coated, Add	*80.79*	
		For Schedule 20, Deduct	*-12.93*	
		For Schedule 80, Add	*31.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0109		Post Without Top Rail Fitting, Galvanized Steel (8.625" Nominal) *(32 31 13 13-0059)*		
		Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0110	LF	8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	146.89	4.21
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*34.62*	
		For Vinyl Coated, Add	*83.08*	
		For Powder Coated, Add	*110.78*	
		For Aluminum Coated, Add	*173.09*	
		For Schedule 20, Deduct	*-27.69*	
		For Schedule 80, Add	*67.31*	
32 31 13 13-0111	LF	8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	142.30	3.57
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*33.82*	
		For Vinyl Coated, Add	*81.16*	
		For Powder Coated, Add	*108.21*	
		For Aluminum Coated, Add	*169.08*	
		For Schedule 20, Deduct	*-27.05*	
		For Schedule 80, Add	*65.63*	
32 31 13 13-0112	LF	8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	139.49	2.92
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*33.42*	
		For Vinyl Coated, Add	*80.20*	
		For Powder Coated, Add	*106.93*	
		For Aluminum Coated, Add	*167.08*	
		For Schedule 20, Deduct	*-26.73*	
		For Schedule 80, Add	*64.74*	
32 31 13 13-0113	LF	8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	137.49	2.27
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*33.22*	
		For Vinyl Coated, Add	*79.72*	
		For Powder Coated, Add	*106.29*	
		For Aluminum Coated, Add	*166.08*	
		For Schedule 20, Deduct	*-26.57*	
		For Schedule 80, Add	*64.24*	
32 31 13 13-0114	LF	8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	136.46	1.94
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*33.12*	
		For Vinyl Coated, Add	*79.48*	
		For Powder Coated, Add	*105.97*	
		For Aluminum Coated, Add	*165.58*	
		For Schedule 20, Deduct	*-26.49*	
		For Schedule 80, Add	*63.98*	
32 31 13 13-0115	LF	8-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	135.72	1.62
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*33.10*	
		For Vinyl Coated, Add	*79.43*	
		For Powder Coated, Add	*105.90*	
		For Aluminum Coated, Add	*165.48*	
		For Schedule 20, Deduct	*-26.48*	
		For Schedule 80, Add	*63.88*	
32 31 13 13-0116		Driven Post Supports *(32 31 13 13)*		
		Note: OZ-Post.		
32 31 13 13-0117		Driven Post Support For Round Chain Link Fence Posts *(32 31 13 13-0116)*		
32 31 13 13-0118	EA	26" Driven Post Support For 1-5/8" Round Chain Link Fence Post	69.08	
		Note: OZ-Post GB-700.		
32 31 13 13-0119	EA	26" Driven Post Support For 1-7/8" To 2" Round Chain Link Fence Post	69.08	
		Note: OZ-Post HB-700.		
32 31 13 13-0120	EA	26" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post	70.93	
		Note: OZ-Post IS-600.		
32 31 13 13-0121	EA	32" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post	85.16	
		Note: OZ-Post ISW-850.		
32 31 13 13-0122		Driven Post Support For Square Ornamental Fence Posts *(32 31 13 13-0116)*		
32 31 13 13-0123	EA	34" Driven Post Support For 1-3/4" Square Ornamental Fence Post	79.61	
		Note: OZ-Post C175-850.		
32 31 13 13-0124	EA	24" Driven Post Support For 2" Square Ornamental Fence Post	76.84	
		Note: OZ-Post I2-600.		
32 31 13 13-0125	EA	34" Driven Post Support For 2" Square Ornamental Fence Post	80.17	
		Note: OZ-Post I2-850.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0126	EA	34" Driven Post Support For 2-1/2" Square Ornamental Fence Post Note: OZ-Post I25-850.	85.16	
32 31 13 13-0127	EA	34" Driven Post Support For 3" Square Ornamental Fence Post Note: OZ-Post I3-850.	85.16	
32 31 13 13-0128		**Driven Post Support For Wooden Fence Posts** *(32 31 13 13-0116)*		
32 31 13 13-0129	EA	24" Driven Post Support For 3-1/2" Square Wooden Fence Post Note: OZ-Post T4-600.	78.93	
32 31 13 13-0130	EA	34" Driven Post Support For 3-1/2" Square Wooden Fence Post Note: OZ-Post T4-850.	82.38	
32 31 13 13-0131	EA	34" Driven Post Support For 3-3/4" Square Wooden Fence Post Note: OZ-Post C4-850.	88.85	
32 31 13 13-0132	EA	34" Driven Post Support For 4" Square Wooden Fence Post Note: OZ-Post P4-850.	88.85	
32 31 13 13-0133	EA	36" Driven Post Support For 4" x 6" Wooden Fence Post Note: OZ-Post T46-850.	100.86	
32 31 13 13-0134	EA	36" Driven Post Support For 6" Square Wooden Fence Post Note: OZ-Post T6-850.	109.36	
32 31 13 13-0135		**Driven Post Support For Vinyl Fence Posts** *(32 31 13 13-0116)*		
32 31 13 13-0136	EA	24" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-600.	78.93	
32 31 13 13-0137	EA	34" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-850.	82.38	
32 31 13 13-0138	EA	34" Driven Post Support For 4" Square Vinyl Fence Post Note: OZ-Post P4-850.	88.85	
32 31 13 13-0139	EA	34" Driven Post Support For 5" Square Vinyl Fence Post Note: OZ-Post P4-850.	90.33	
32 31 13 13-0140		**Chain Link Fence Assemblies** *(32 31 13 13)*		
32 31 13 13-0141		**Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts** *(32 31 13 13-0140)* Note: Includes 2" 9 gauge coiled spring mesh (knuckled selvedge), tension bars, post tension bands, wire ties, truss rod (at corners or posts), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. Excludes grounding. Demolition excludes concrete footing removal on posts and excavation. See CSI section 26 05 26 00-0000 for grounding, 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0653 for barb wire attachments.		
32 31 13 13-0142		**Galvanized** *(32 31 13 13-0141)*		
32 31 13 13-0143	LF	3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	37.68	3.68
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.60*	
		For 13 Gauge Fabric, Deduct	*-8.10*	
		For 11 Gauge Fabric, Deduct	*-4.73*	
		For 6 Gauge Fabric, Add	*7.43*	
		For 1" Mesh Fabric, Add	*10.14*	
		For 1-3/4" Mesh Fabric, Add	*4.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.03*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.70*	
		For Posts 8' On Centers, Add	*2.06*	
		For Posts 5' On Centers, Add	*7.72*	
		For Up To 100, Add	*7.09*	
		For >100 To 250, Add	*2.60*	
		For >2,500 To 5,000, Deduct	*-1.30*	
		For >5,000, Deduct	*-2.60*	
32 31 13 13-0144	LF	3'-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	39.21	3.68
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.69*	
		For 13 Gauge Fabric, Deduct	*-8.55*	
		For 11 Gauge Fabric, Deduct	*-4.99*	
		For 6 Gauge Fabric, Add	*7.84*	
		For 1" Mesh Fabric, Add	*10.70*	
		For 1-3/4" Mesh Fabric, Add	*4.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.14*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.85*	
		For Posts 8' On Centers, Add	*2.14*	
		For Posts 5' On Centers, Add	*8.01*	
		For Up To 100, Add	*7.34*	
		For >100 To 250, Add	*2.69*	
		For >2,500 To 5,000, Deduct	*-1.35*	
		For >5,000, Deduct	*-2.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0145	LF	4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	40.54	3.68
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.77*	
		For 13 Gauge Fabric, Deduct	*-8.93*	
		For 11 Gauge Fabric, Deduct	*-5.22*	
		For 6 Gauge Fabric, Add	*8.20*	
		For 1" Mesh Fabric, Add	*11.18*	
		For 1-3/4" Mesh Fabric, Add	*4.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.24*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.98*	
		For Posts 8' On Centers, Add	*2.21*	
		For Posts 5' On Centers, Add	*8.26*	
		For Up To 100, Add	*7.57*	
		For >100 To 250, Add	*2.77*	
		For >2,500 To 5,000, Deduct	*-1.38*	
		For >5,000, Deduct	*-2.77*	
32 31 13 13-0146	LF	5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	43.65	3.68
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.95*	
		For 13 Gauge Fabric, Deduct	*-9.85*	
		For 11 Gauge Fabric, Deduct	*-5.75*	
		For 6 Gauge Fabric, Add	*9.04*	
		For 1" Mesh Fabric, Add	*12.33*	
		For 1-3/4" Mesh Fabric, Add	*4.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.47*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.29*	
		For Posts 8' On Centers, Add	*2.37*	
		For Posts 5' On Centers, Add	*8.85*	
		For Up To 100, Add	*8.08*	
		For >100 To 250, Add	*2.95*	
		For >2,500 To 5,000, Deduct	*-1.47*	
		For >5,000, Deduct	*-2.95*	
32 31 13 13-0147	LF	6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	47.32	3.68
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.18*	
		For 13 Gauge Fabric, Deduct	*-10.78*	
		For 11 Gauge Fabric, Deduct	*-6.30*	
		For 6 Gauge Fabric, Add	*9.89*	
		For 1" Mesh Fabric, Add	*13.49*	
		For 1-3/4" Mesh Fabric, Add	*5.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.70*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.60*	
		For Posts 8' On Centers, Add	*2.56*	
		For Posts 5' On Centers, Add	*9.58*	
		For Up To 100, Add	*8.73*	
		For >100 To 250, Add	*3.18*	
		For >2,500 To 5,000, Deduct	*-1.59*	
		For >5,000, Deduct	*-3.18*	
32 31 13 13-0148	LF	7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	49.09	5.51
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.30*	
		For 13 Gauge Fabric, Deduct	*-11.18*	
		For 11 Gauge Fabric, Deduct	*-6.53*	
		For 6 Gauge Fabric, Add	*10.26*	
		For 1" Mesh Fabric, Add	*13.99*	
		For 1-3/4" Mesh Fabric, Add	*5.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.80*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.73*	
		For Posts 8' On Centers, Add	*2.66*	
		For Posts 5' On Centers, Add	*9.94*	
		For Up To 100, Add	*9.06*	
		For >100 To 250, Add	*3.30*	
		For >2,500 To 5,000, Deduct	*-1.65*	
		For >5,000, Deduct	*-3.30*	
32 31 13 13-0149	LF	8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	55.83	6.43
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.69*	
		For 13 Gauge Fabric, Deduct	*-13.14*	
		For 11 Gauge Fabric, Deduct	*-7.67*	
		For 6 Gauge Fabric, Add	*12.06*	
		For 1" Mesh Fabric, Add	*16.44*	
		For 1-3/4" Mesh Fabric, Add	*6.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.29*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.38*	
		For Posts 8' On Centers, Add	*3.01*	
		For Posts 5' On Centers, Add	*11.22*	
		For Up To 100, Add	*10.18*	
		For >100 To 250, Add	*3.69*	
		For >2,500 To 5,000, Deduct	*-1.85*	
		For >5,000, Deduct	*-3.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0150	LF	9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	59.57	8.26
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.92*	
		For 13 Gauge Fabric, Deduct	*-14.14*	
		For 11 Gauge Fabric, Deduct	*-8.26*	
		For 6 Gauge Fabric, Add	*12.98*	
		For 1" Mesh Fabric, Add	*17.70*	
		For 1-3/4" Mesh Fabric, Add	*7.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.54*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.72*	
		For Posts 8' On Centers, Add	*3.21*	
		For Posts 5' On Centers, Add	*11.95*	
		For Up To 100, Add	*10.82*	
		For >100 To 250, Add	*3.92*	
		For >2,500 To 5,000, Deduct	*-1.96*	
		For >5,000, Deduct	*-3.92*	
32 31 13 13-0151	LF	10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	63.33	9.18
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.15*	
		For 13 Gauge Fabric, Deduct	*-15.14*	
		For 11 Gauge Fabric, Deduct	*-8.85*	
		For 6 Gauge Fabric, Add	*13.90*	
		For 1" Mesh Fabric, Add	*18.96*	
		For 1-3/4" Mesh Fabric, Add	*7.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.79*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.06*	
		For Posts 8' On Centers, Add	*3.40*	
		For Posts 5' On Centers, Add	*12.68*	
		For Up To 100, Add	*11.47*	
		For >100 To 250, Add	*4.15*	
		For >2,500 To 5,000, Deduct	*-2.08*	
		For >5,000, Deduct	*-4.15*	
32 31 13 13-0152	LF	12' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	70.35	11.02
		For Each Additional Foot >12, Add	*3.89*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.59*	
		For 13 Gauge Fabric, Deduct	*-17.01*	
		For 11 Gauge Fabric, Deduct	*-9.94*	
		For 6 Gauge Fabric, Add	*15.62*	
		For 1" Mesh Fabric, Add	*21.30*	
		For 1-3/4" Mesh Fabric, Add	*8.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.26*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.68*	
		For Posts 8' On Centers, Add	*3.77*	
		For Posts 5' On Centers, Add	*14.05*	
		For Up To 100, Add	*12.69*	
		For >100 To 250, Add	*4.59*	
		For >2,500 To 5,000, Deduct	*-2.29*	
		For >5,000, Deduct	*-4.59*	
32 31 13 13-0153		Vinyl Coated *(32 31 13 13-0141)*		
32 31 13 13-0154	LF	4' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	42.03	3.68
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*4.08*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.84*	
		For 13 Gauge Fabric, Deduct	*-9.45*	
		For 11 Gauge Fabric, Deduct	*-5.52*	
		For 6 Gauge Fabric, Add	*8.67*	
		For 1" Mesh Fabric, Add	*11.83*	
		For 1-3/4" Mesh Fabric, Add	*4.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.37*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.15*	
		For Posts 8' On Centers, Add	*2.28*	
		For Posts 5' On Centers, Add	*8.53*	
		For Up To 100, Add	*7.79*	
		For >100 To 250, Add	*2.84*	
		For >2,500 To 5,000, Deduct	*-1.42*	
		For >5,000, Deduct	*-2.84*	
32 31 13 13-0155	LF	5' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	45.53	3.68
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*4.53*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.04*	
		For 13 Gauge Fabric, Deduct	*-10.50*	
		For 11 Gauge Fabric, Deduct	*-6.13*	
		For 6 Gauge Fabric, Add	*9.64*	
		For 1" Mesh Fabric, Add	*13.15*	
		For 1-3/4" Mesh Fabric, Add	*5.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.63*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.51*	
		For Posts 8' On Centers, Add	*2.46*	
		For Posts 5' On Centers, Add	*9.19*	
		For Up To 100, Add	*8.36*	
		For >100 To 250, Add	*3.04*	
		For >2,500 To 5,000, Deduct	*-1.52*	
		For >5,000, Deduct	*-3.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0156	LF	6' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	51.14	3.68
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*5.22*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.37*	
		For 13 Gauge Fabric, Deduct	*-12.10*	
		For 11 Gauge Fabric, Deduct	*-7.07*	
		For 6 Gauge Fabric, Add	*11.11*	
		For 1" Mesh Fabric, Add	*15.15*	
		For 1-3/4" Mesh Fabric, Add	*6.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.03*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.04*	
		For Posts 8' On Centers, Add	*2.75*	
		For Posts 5' On Centers, Add	*10.27*	
		For Up To 100, Add	*9.30*	
		For >100 To 250, Add	*3.37*	
		For >2,500 To 5,000, Deduct	*-1.69*	
		For >5,000, Deduct	*-3.37*	
32 31 13 13-0157	LF	7' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	53.53	5.51
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*5.49*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.52*	
		For 13 Gauge Fabric, Deduct	*-12.72*	
		For 11 Gauge Fabric, Deduct	*-7.43*	
		For 6 Gauge Fabric, Add	*11.68*	
		For 1" Mesh Fabric, Add	*15.93*	
		For 1-3/4" Mesh Fabric, Add	*6.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.19*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.25*	
		For Posts 8' On Centers, Add	*2.88*	
		For Posts 5' On Centers, Add	*10.74*	
		For Up To 100, Add	*9.72*	
		For >100 To 250, Add	*3.52*	
		For >2,500 To 5,000, Deduct	*-1.76*	
		For >5,000, Deduct	*-3.52*	
32 31 13 13-0158	LF	8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	61.01	6.43
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*6.45*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.95*	
		For 13 Gauge Fabric, Deduct	*-14.94*	
		For 11 Gauge Fabric, Deduct	*-8.72*	
		For 6 Gauge Fabric, Add	*13.71*	
		For 1" Mesh Fabric, Add	*18.70*	
		For 1-3/4" Mesh Fabric, Add	*7.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.74*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.99*	
		For Posts 8' On Centers, Add	*3.27*	
		For Posts 5' On Centers, Add	*12.15*	
		For Up To 100, Add	*10.95*	
		For >100 To 250, Add	*3.95*	
		For >2,500 To 5,000, Deduct	*-1.98*	
		For >5,000, Deduct	*-3.95*	
32 31 13 13-0159	LF	9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	65.12	8.26
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*6.94*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.20*	
		For 13 Gauge Fabric, Deduct	*-16.07*	
		For 11 Gauge Fabric, Deduct	*-9.39*	
		For 6 Gauge Fabric, Add	*14.75*	
		For 1" Mesh Fabric, Add	*20.11*	
		For 1-3/4" Mesh Fabric, Add	*8.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.02*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.36*	
		For Posts 8' On Centers, Add	*3.48*	
		For Posts 5' On Centers, Add	*12.95*	
		For Up To 100, Add	*11.66*	
		For >100 To 250, Add	*4.20*	
		For >2,500 To 5,000, Deduct	*-2.10*	
		For >5,000, Deduct	*-4.20*	
32 31 13 13-0160	LF	10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	69.26	9.18
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*7.43*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.45*	
		For 13 Gauge Fabric, Deduct	*-17.20*	
		For 11 Gauge Fabric, Deduct	*-10.05*	
		For 6 Gauge Fabric, Add	*15.79*	
		For 1" Mesh Fabric, Add	*21.54*	
		For 1-3/4" Mesh Fabric, Add	*8.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.31*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.74*	
		For Posts 8' On Centers, Add	*3.70*	
		For Posts 5' On Centers, Add	*13.75*	
		For Up To 100, Add	*12.36*	
		For >100 To 250, Add	*4.45*	
		For >2,500 To 5,000, Deduct	*-2.23*	
		For >5,000, Deduct	*-4.45*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0161	LF	12' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	75.57	11.02
		For Each Additional Foot >12, Add	*4.14*	
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*8.13*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.85*	
		For 13 Gauge Fabric, Deduct	*-18.83*	
		For 11 Gauge Fabric, Deduct	*-11.00*	
		For 6 Gauge Fabric, Add	*17.28*	
		For 1" Mesh Fabric, Add	*23.57*	
		For 1-3/4" Mesh Fabric, Add	*9.43*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.71*	
		For 2-3/8" Mesh Fabric, Deduct	*-6.28*	
		For Posts 8' On Centers, Add	*4.04*	
		For Posts 5' On Centers, Add	*14.99*	
		For Up To 100, Add	*13.47*	
		For >100 To 250, Add	*4.85*	
		For >2,500 To 5,000, Deduct	*-2.42*	
		For >5,000, Deduct	*-4.85*	
32 31 13 13-0162		**Rails** *(32 31 13 13)*		
		Note: Includes rail end fittings.		
32 31 13 13-0163		**SS-20 Chain Link Fence Rails** *(32 31 13 13-0162)*		
		Note: Includes tie wires.		
32 31 13 13-0164	LF	1-3/8" Galvanized Steel Rail, 0.08" Wall Thickness, Tie Wires And Fittings	6.84	1.19
		For SS15, Deduct	*-0.44*	
		For SS40, Add	*1.09*	
32 31 13 13-0165	LF	1-3/8" Vinyl Coated Rail, 0.08" Wall Thickness, Tie Wires And Fittings	8.31	1.19
		For SS40, Add	*0.58*	
		For Powder Coated, Add	*1.17*	
		For Aluminum Coated, Add	*2.33*	
32 31 13 13-0166	LF	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings	8.51	1.35
		For SS15, Deduct	*-0.58*	
		For SS40, Add	*1.45*	
32 31 13 13-0167	LF	1-5/8" Vinyl Coated Rail, 0.085" Wall Thickness, Tie Wires And Fittings	10.47	1.35
		For SS40, Add	*0.78*	
		For Powder Coated, Add	*1.55*	
		For Aluminum Coated, Add	*3.11*	
32 31 13 13-0168	LF	2" Galvanized Steel Rail, 0.09" Wall Thickness, Tie Wires And Fittings	10.00	1.51
		For SS40, Add	*1.74*	
32 31 13 13-0169	LF	2" Vinyl Coated Rail, 0.09" Wall Thickness, Tie Wires And Fittings	12.35	1.51
		For SS40, Add	*0.93*	
		For Powder Coated, Add	*1.86*	
		For Aluminum Coated, Add	*3.73*	
32 31 13 13-0170		**Fabric** *(32 31 13 13)*		
32 31 13 13-0171		**Fabric, Galvanized Chain Link** *(32 31 13 13-0170)*		
32 31 13 13-0172	LF	3' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	10.70	2.16
		For 1-1/4" Mesh Fabric, Add	*1.03*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*0.92*	
		For 13 Gauge Fabric, Deduct	*-1.66*	
		For 11 Gauge Fabric, Deduct	*-0.92*	
		For 6 Gauge Fabric, Add	*2.94*	
		For 1" Mesh Fabric, Add	*2.76*	
		For 1-1/4" Mesh Fabric, Add	*1.84*	
		For 1-3/4" Mesh Fabric, Add	*1.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.55*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.74*	
32 31 13 13-0173	LF	3'-6" Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	11.85	2.43
		For 1-1/4" Mesh Fabric, Add	*1.20*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.07*	
		For 13 Gauge Fabric, Deduct	*-1.93*	
		For 11 Gauge Fabric, Deduct	*-1.07*	
		For 6 Gauge Fabric, Add	*3.43*	
		For 1" Mesh Fabric, Add	*3.22*	
		For 1-1/4" Mesh Fabric, Add	*2.15*	
		For 1-3/4" Mesh Fabric, Add	*1.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.64*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.86*	
32 31 13 13-0174	LF	4' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	12.81	2.70
		For 1-1/4" Mesh Fabric, Add	*1.32*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.18*	
		For 13 Gauge Fabric, Deduct	*-2.12*	
		For 11 Gauge Fabric, Deduct	*-1.18*	
		For 6 Gauge Fabric, Add	*3.77*	
		For 1" Mesh Fabric, Add	*3.53*	
		For 1-1/4" Mesh Fabric, Add	*2.36*	
		For 1-3/4" Mesh Fabric, Add	*1.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.71*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0175	LF	5' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	14.52	3.24
		For 1-1/4" Mesh Fabric, Add	*1.65*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.47*	
		For 13 Gauge Fabric, Deduct	*-2.65*	
		For 11 Gauge Fabric, Deduct	*-1.47*	
		For 6 Gauge Fabric, Add	*4.70*	
		For 1" Mesh Fabric, Add	*4.41*	
		For 1-1/4" Mesh Fabric, Add	*2.94*	
		For 1-3/4" Mesh Fabric, Add	*1.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.88*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.18*	
32 31 13 13-0176	LF	6' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	16.31	3.78
		For 1-1/4" Mesh Fabric, Add	*1.98*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.77*	
		For 13 Gauge Fabric, Deduct	*-3.18*	
		For 11 Gauge Fabric, Deduct	*-1.77*	
		For 6 Gauge Fabric, Add	*5.65*	
		For 1" Mesh Fabric, Add	*5.30*	
		For 1-1/4" Mesh Fabric, Add	*3.53*	
		For 1-3/4" Mesh Fabric, Add	*2.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.06*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.41*	
32 31 13 13-0177	LF	7' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	18.19	4.32
		For 1-1/4" Mesh Fabric, Add	*2.30*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*2.06*	
		For 13 Gauge Fabric, Deduct	*-3.70*	
		For 11 Gauge Fabric, Deduct	*-2.06*	
		For 6 Gauge Fabric, Add	*6.58*	
		For 1" Mesh Fabric, Add	*6.17*	
		For 1-1/4" Mesh Fabric, Add	*4.11*	
		For 1-3/4" Mesh Fabric, Add	*2.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.23*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.64*	
32 31 13 13-0178	LF	8' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	20.21	5.40
		For 1-1/4" Mesh Fabric, Add	*2.63*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*2.35*	
		For 13 Gauge Fabric, Deduct	*-4.23*	
		For 11 Gauge Fabric, Deduct	*-2.35*	
		For 6 Gauge Fabric, Add	*7.53*	
		For 1" Mesh Fabric, Add	*7.06*	
		For 1-1/4" Mesh Fabric, Add	*4.71*	
		For 1-3/4" Mesh Fabric, Add	*2.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.41*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.88*	
32 31 13 13-0179	LF	10' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	24.14	5.95
		For 1-1/4" Mesh Fabric, Add	*3.42*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*3.06*	
		For 13 Gauge Fabric, Deduct	*-5.50*	
		For 11 Gauge Fabric, Deduct	*-3.06*	
		For 6 Gauge Fabric, Add	*9.78*	
		For 1" Mesh Fabric, Add	*9.17*	
		For 1-1/4" Mesh Fabric, Add	*6.11*	
		For 1-3/4" Mesh Fabric, Add	*3.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.83*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.44*	
32 31 13 13-0180	LF	12' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	27.60	6.48
		For 1-1/4" Mesh Fabric, Add	*4.10*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*3.66*	
		For 13 Gauge Fabric, Deduct	*-6.59*	
		For 11 Gauge Fabric, Deduct	*-3.66*	
		For 6 Gauge Fabric, Add	*11.71*	
		For 1" Mesh Fabric, Add	*10.98*	
		For 1-1/4" Mesh Fabric, Add	*7.32*	
		For 1-3/4" Mesh Fabric, Add	*4.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.20*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.93*	
32 31 13 13-0181	LF	14' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	30.85	7.56
		For 1-1/4" Mesh Fabric, Add	*4.40*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*3.93*	
		For 13 Gauge Fabric, Deduct	*-7.08*	
		For 11 Gauge Fabric, Deduct	*-3.93*	
		For 6 Gauge Fabric, Add	*12.58*	
		For 1" Mesh Fabric, Add	*11.80*	
		For 1-1/4" Mesh Fabric, Add	*7.87*	
		For 1-3/4" Mesh Fabric, Add	*4.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.36*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0182	LF	16' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	34.09	8.64
		For 1-1/4" Mesh Fabric, Add	*4.71*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*4.20*	
		For 13 Gauge Fabric, Deduct	*-7.56*	
		For 11 Gauge Fabric, Deduct	*-4.20*	
		For 6 Gauge Fabric, Add	*13.45*	
		For 1" Mesh Fabric, Add	*12.61*	
		For 1-1/4" Mesh Fabric, Add	*8.41*	
		For 1-3/4" Mesh Fabric, Add	*5.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.52*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.36*	
32 31 13 13-0183		Fabric, Vinyl Coated Chain Link *(32 31 13 13-0170)*		
32 31 13 13-0184	LF	4' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	14.31	2.16
		For 1-1/4" Mesh Fabric, Add	*1.74*	
		For 13 Gauge Fabric, Deduct	*-2.79*	
		For 11 Gauge Fabric, Deduct	*-1.55*	
		For 6 Gauge Fabric, Add	*4.97*	
		For 1" Mesh Fabric, Add	*4.66*	
		For 1-1/4" Mesh Fabric, Add	*3.11*	
		For 1-3/4" Mesh Fabric, Add	*1.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.93*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.24*	
		For Aluminum Coated, Add	*2.48*	
32 31 13 13-0185	LF	5' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	16.40	3.24
		For 1-1/4" Mesh Fabric, Add	*2.17*	
		For 13 Gauge Fabric, Deduct	*-3.49*	
		For 11 Gauge Fabric, Deduct	*-1.94*	
		For 6 Gauge Fabric, Add	*6.21*	
		For 1" Mesh Fabric, Add	*5.82*	
		For 1-1/4" Mesh Fabric, Add	*3.88*	
		For 1-3/4" Mesh Fabric, Add	*2.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.16*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.55*	
		For Aluminum Coated, Add	*3.10*	
32 31 13 13-0186	LF	6' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	20.13	3.78
		For 1-1/4" Mesh Fabric, Add	*3.05*	
		For 13 Gauge Fabric, Deduct	*-4.90*	
		For 11 Gauge Fabric, Deduct	*-2.72*	
		For 6 Gauge Fabric, Add	*8.70*	
		For 1" Mesh Fabric, Add	*8.16*	
		For 1-1/4" Mesh Fabric, Add	*5.44*	
		For 1-3/4" Mesh Fabric, Add	*3.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.63*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.18*	
		For Aluminum Coated, Add	*4.35*	
32 31 13 13-0187	LF	7' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	22.63	4.32
		For 1-1/4" Mesh Fabric, Add	*3.54*	
		For 13 Gauge Fabric, Deduct	*-5.70*	
		For 11 Gauge Fabric, Deduct	*-3.17*	
		For 6 Gauge Fabric, Add	*10.13*	
		For 1" Mesh Fabric, Add	*9.50*	
		For 1-1/4" Mesh Fabric, Add	*6.33*	
		For 1-3/4" Mesh Fabric, Add	*3.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.90*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.53*	
		For Aluminum Coated, Add	*5.06*	
32 31 13 13-0188	LF	8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	25.38	5.40
		For 1-1/4" Mesh Fabric, Add	*4.08*	
		For 13 Gauge Fabric, Deduct	*-6.56*	
		For 11 Gauge Fabric, Deduct	*-3.65*	
		For 6 Gauge Fabric, Add	*11.66*	
		For 1" Mesh Fabric, Add	*10.94*	
		For 1-1/4" Mesh Fabric, Add	*7.29*	
		For 1-3/4" Mesh Fabric, Add	*4.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.19*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.92*	
		For Aluminum Coated, Add	*5.83*	
32 31 13 13-0189	LF	10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	30.07	5.95
		For 1-1/4" Mesh Fabric, Add	*5.08*	
		For 13 Gauge Fabric, Deduct	*-8.17*	
		For 11 Gauge Fabric, Deduct	*-4.54*	
		For 6 Gauge Fabric, Add	*14.52*	
		For 1" Mesh Fabric, Add	*13.61*	
		For 1-1/4" Mesh Fabric, Add	*9.08*	
		For 1-3/4" Mesh Fabric, Add	*5.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.72*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.63*	
		For Aluminum Coated, Add	*7.26*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0190	LF	12' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	32.82	6.48
		For 1-1/4" Mesh Fabric, Add	*5.56*	
		For 13 Gauge Fabric, Deduct	*-8.94*	
		For 11 Gauge Fabric, Deduct	*-4.97*	
		For 6 Gauge Fabric, Add	*15.89*	
		For 1" Mesh Fabric, Add	*14.90*	
		For 1-1/4" Mesh Fabric, Add	*9.93*	
		For 1-3/4" Mesh Fabric, Add	*5.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.98*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.97*	
		For Aluminum Coated, Add	*7.94*	
32 31 13 13-0191	LF	14' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	36.98	7.56
		For 1-1/4" Mesh Fabric, Add	*6.12*	
		For 13 Gauge Fabric, Deduct	*-9.84*	
		For 11 Gauge Fabric, Deduct	*-5.47*	
		For 6 Gauge Fabric, Add	*17.49*	
		For 1" Mesh Fabric, Add	*16.40*	
		For 1-1/4" Mesh Fabric, Add	*10.93*	
		For 1-3/4" Mesh Fabric, Add	*6.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.28*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.37*	
		For Aluminum Coated, Add	*8.74*	
32 31 13 13-0192	LF	16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	41.23	8.64
		For 1-1/4" Mesh Fabric, Add	*6.71*	
		For 13 Gauge Fabric, Deduct	*-10.78*	
		For 11 Gauge Fabric, Deduct	*-5.99*	
		For 6 Gauge Fabric, Add	*19.16*	
		For 1" Mesh Fabric, Add	*17.96*	
		For 1-1/4" Mesh Fabric, Add	*11.98*	
		For 1-3/4" Mesh Fabric, Add	*7.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.59*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.79*	
		For Aluminum Coated, Add	*9.58*	
32 31 13 13-0193		Fabric, Aluminized Steel Chain Link *(32 31 13 13-0170)*		
32 31 13 13-0194	LF	3' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	10.40	2.16
		For 6 Gauge Fabric, Add	*2.70*	
		For 1" Mesh Fabric, Add	*3.55*	
32 31 13 13-0195	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	11.48	2.43
		For 6 Gauge Fabric, Add	*3.14*	
		For 1" Mesh Fabric, Add	*4.12*	
32 31 13 13-0196	LF	4' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	12.59	2.70
		For 6 Gauge Fabric, Add	*3.59*	
		For 1" Mesh Fabric, Add	*4.71*	
32 31 13 13-0197	LF	5' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	14.25	3.24
		For 6 Gauge Fabric, Add	*4.49*	
		For 1" Mesh Fabric, Add	*5.89*	
32 31 13 13-0198	LF	6' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	15.96	3.78
		For 6 Gauge Fabric, Add	*5.37*	
		For 1" Mesh Fabric, Add	*7.05*	
32 31 13 13-0199	LF	7' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	17.82	4.32
		For 6 Gauge Fabric, Add	*6.28*	
		For 1" Mesh Fabric, Add	*8.24*	
32 31 13 13-0200	LF	8' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	19.76	5.40
		For 6 Gauge Fabric, Add	*7.17*	
		For 1" Mesh Fabric, Add	*9.41*	
32 31 13 13-0201	LF	10' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	23.12	5.95
		For 6 Gauge Fabric, Add	*8.96*	
		For 1" Mesh Fabric, Add	*11.76*	
32 31 13 13-0202	LF	12' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	26.40	6.48
		For 6 Gauge Fabric, Add	*10.75*	
		For 1" Mesh Fabric, Add	*14.11*	
32 31 13 13-0203		Fabric, All Aluminum Chain Link *(32 31 13 13-0170)*		
32 31 13 13-0204	LF	3' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	15.85	2.16
		For 6 Gauge Fabric, Add	*7.06*	
		For 1" Mesh Fabric, Add	*9.27*	
32 31 13 13-0205	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	17.86	2.43
		For 6 Gauge Fabric, Add	*8.24*	
		For 1" Mesh Fabric, Add	*10.82*	
32 31 13 13-0206	LF	4' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	19.87	2.70
		For 6 Gauge Fabric, Add	*9.42*	
		For 1" Mesh Fabric, Add	*12.36*	
32 31 13 13-0207	LF	5' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	23.35	3.24
		For 6 Gauge Fabric, Add	*11.77*	
		For 1" Mesh Fabric, Add	*15.45*	
32 31 13 13-0208	LF	6' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	26.91	3.78
		For 6 Gauge Fabric, Add	*14.13*	
		For 1" Mesh Fabric, Add	*18.54*	
32 31 13 13-0209	LF	7' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	30.57	4.32
		For 6 Gauge Fabric, Add	*16.48*	
		For 1" Mesh Fabric, Add	*21.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0210	LF	8' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	34.34	5.40
		For 6 Gauge Fabric, Add	*18.83*	
		For 1" Mesh Fabric, Add	*24.72*	
32 31 13 13-0211	LF	10' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	41.35	5.95
		For 6 Gauge Fabric, Add	*23.54*	
		For 1" Mesh Fabric, Add	*30.90*	
32 31 13 13-0212	LF	12' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	48.27	6.48
		For 6 Gauge Fabric, Add	*28.25*	
		For 1" Mesh Fabric, Add	*37.08*	
32 31 13 13-0213		Fence Inserts *(32 31 13 13-0170)*		
		Note: For use with new or existing chain link fence, per lf of fence.		
32 31 13 13-0214		Vinyl Plastic Fence Inserts *(32 31 13 13-0213)*		
		Note: Assorted colors.		
32 31 13 13-0215	LF	3' High Fence, Vinyl Plastic Fence Insert	9.34	
32 31 13 13-0216	LF	3-1/2' High Fence, Vinyl Plastic Fence Insert	10.66	
32 31 13 13-0217	LF	4' High Fence, Vinyl Plastic Fence Insert	11.75	
32 31 13 13-0218	LF	5' High Fence, Vinyl Plastic Fence Insert	14.74	
32 31 13 13-0219	LF	6' High Fence, Vinyl Plastic Fence Insert	17.63	
32 31 13 13-0220	LF	7' High Fence, Vinyl Plastic Fence Insert	20.62	
32 31 13 13-0221	LF	8' High Fence, Vinyl Plastic Fence Insert	23.51	
32 31 13 13-0222	LF	10' High Fence, Vinyl Plastic Fence Insert	28.58	
32 31 13 13-0223		Aluminum Fence Inserts *(32 31 13 13-0213)*		
		Note: Assorted colors.		
32 31 13 13-0224	LF	3' High Fence, Aluminum Fence Insert	31.94	
32 31 13 13-0225	LF	3-1/2' High Fence, Aluminum Fence Insert	35.03	
32 31 13 13-0226	LF	4' High Fence, Aluminum Fence Insert	39.82	
32 31 13 13-0227	LF	5' High Fence, Aluminum Fence Insert	49.83	
32 31 13 13-0228	LF	6' High Fence, Aluminum Fence Insert	59.79	
32 31 13 13-0229	LF	7' High Fence, Aluminum Fence Insert	64.98	
32 31 13 13-0230	LF	8' High Fence, Aluminum Fence Insert	79.70	
32 31 13 13-0231	LF	10' High Fence, Aluminum Fence Insert	99.18	
32 31 13 13-0232		Redwood Fence Inserts *(32 31 13 13-0213)*		
32 31 13 13-0233	LF	4' High Fence, Redwood Fence Insert	13.67	
32 31 13 13-0234	LF	5' High Fence, Redwood Fence Insert	17.29	
32 31 13 13-0235	LF	6' High Fence, Redwood Fence Insert	20.78	
32 31 13 13-0236	LF	7' High Fence, Redwood Fence Insert	24.18	
32 31 13 13-0237	LF	8' High Fence, Redwood Fence Insert	27.67	
32 31 13 13-0238		Diagonal Flexible Polyethylene Inserts *(32 31 13 13-0213)*		
32 31 13 13-0239	SF	Diagonal Polyethylene Fence Weave	3.72	
32 31 13 13-0240		Hedge Link Fence Inserts *(32 31 13 13-0213)*		
32 31 13 13-0241	LF	3' High Fence, Hedge Link Fence Insert	19.93	
32 31 13 13-0242	LF	3-1/2' High Fence, Hedge Link Fence Insert	22.69	
32 31 13 13-0243	LF	4' High Fence, Hedge Link Fence Insert	26.60	
32 31 13 13-0244	LF	5' High Fence, Hedge Link Fence Insert	32.81	
32 31 13 13-0245	LF	6' High Fence, Hedge Link Fence Insert	37.54	
32 31 13 13-0246	LF	7' High Fence, Hedge Link Fence Insert	47.41	
32 31 13 13-0247	LF	8' High Fence, Hedge Link Fence Insert	53.85	
32 31 13 13-0248	LF	10' High Fence, Hedge Link Fence Insert	64.35	
32 31 13 13-0249	LF	12' High Fence, Hedge Link Fence Insert	73.81	
32 31 13 13-0250		Fence Windscreen Fabric *(32 31 13 13-0170)*		
		Note: Includes plastic wire clips.		
32 31 13 13-0251	SF	Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY	1.26	0.57
		For Sewn Boxed Vent (Each), Add	*26.95*	
		For Welded Boxed Vent (Each), Add	*13.47*	
		For 4' x 4' One Color Logo (Each), Add	*561.38*	
32 31 13 13-0252		Non-Climbable Fabric, Galvanized Chain Link *(32 31 13 13-0170)*		
32 31 13 13-0253	LF	3' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	30.85	2.16
		For 11 Gauge, Deduct	*-4.77*	
		For 10 Gauge, Deduct	*-1.91*	
		For 7 Gauge, Add	*2.86*	
		For 6 Gauge, Add	*6.67*	
		For 1/2" Mesh Fabric, Deduct	*-1.19*	
		For 5/8" Mesh Fabric, Deduct	*-2.62*	
		For 3/4" Mesh Fabric, Deduct	*-3.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0254	LF	3'-6" Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	35.35	2.43
		For 11 Gauge, Deduct	*-5.56*	
		For 10 Gauge, Deduct	*-2.22*	
		For 7 Gauge, Add	*3.33*	
		For 6 Gauge, Add	*7.78*	
		For 1/2" Mesh Fabric, Deduct	*-1.39*	
		For 5/8" Mesh Fabric, Deduct	*-3.06*	
		For 3/4" Mesh Fabric, Deduct	*-4.45*	
32 31 13 13-0255	LF	4' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	39.90	2.70
		For 11 Gauge, Deduct	*-6.36*	
		For 10 Gauge, Deduct	*-2.54*	
		For 7 Gauge, Add	*3.82*	
		For 6 Gauge, Add	*8.90*	
		For 1/2" Mesh Fabric, Deduct	*-1.59*	
		For 5/8" Mesh Fabric, Deduct	*-3.50*	
		For 3/4" Mesh Fabric, Deduct	*-5.09*	
32 31 13 13-0256	LF	5' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	48.37	3.24
		For 11 Gauge, Deduct	*-7.95*	
		For 10 Gauge, Deduct	*-3.18*	
		For 7 Gauge, Add	*4.77*	
		For 6 Gauge, Add	*11.12*	
		For 1/2" Mesh Fabric, Deduct	*-1.99*	
		For 5/8" Mesh Fabric, Deduct	*-4.37*	
		For 3/4" Mesh Fabric, Deduct	*-6.36*	
32 31 13 13-0257	LF	6' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	56.91	3.78
		For 11 Gauge, Deduct	*-9.53*	
		For 10 Gauge, Deduct	*-3.81*	
		For 7 Gauge, Add	*5.72*	
		For 6 Gauge, Add	*13.34*	
		For 1/2" Mesh Fabric, Deduct	*-2.38*	
		For 5/8" Mesh Fabric, Deduct	*-5.24*	
		For 3/4" Mesh Fabric, Deduct	*-7.63*	
32 31 13 13-0258	LF	7' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	65.57	4.32
		For 11 Gauge, Deduct	*-11.12*	
		For 10 Gauge, Deduct	*-4.45*	
		For 7 Gauge, Add	*6.67*	
		For 6 Gauge, Add	*15.57*	
		For 1/2" Mesh Fabric, Deduct	*-2.78*	
		For 5/8" Mesh Fabric, Deduct	*-6.12*	
		For 3/4" Mesh Fabric, Deduct	*-8.90*	
32 31 13 13-0259	LF	8' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	74.35	5.40
		For 11 Gauge, Deduct	*-12.71*	
		For 10 Gauge, Deduct	*-5.08*	
		For 7 Gauge, Add	*7.63*	
		For 6 Gauge, Add	*17.79*	
		For 1/2" Mesh Fabric, Deduct	*-3.18*	
		For 5/8" Mesh Fabric, Deduct	*-6.99*	
		For 3/4" Mesh Fabric, Deduct	*-10.17*	
32 31 13 13-0260	LF	9' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	82.08	5.67
		For 11 Gauge, Deduct	*-14.15*	
		For 10 Gauge, Deduct	*-5.66*	
		For 7 Gauge, Add	*8.49*	
		For 6 Gauge, Add	*19.81*	
		For 1/2" Mesh Fabric, Deduct	*-3.54*	
		For 5/8" Mesh Fabric, Deduct	*-7.78*	
		For 3/4" Mesh Fabric, Deduct	*-11.32*	
32 31 13 13-0261	LF	10' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	89.85	5.95
		For 11 Gauge, Deduct	*-15.59*	
		For 10 Gauge, Deduct	*-6.23*	
		For 7 Gauge, Add	*9.35*	
		For 6 Gauge, Add	*21.82*	
		For 1/2" Mesh Fabric, Deduct	*-3.90*	
		For 5/8" Mesh Fabric, Deduct	*-8.57*	
		For 3/4" Mesh Fabric, Deduct	*-12.47*	
32 31 13 13-0262	LF	12' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	97.44	6.48
		For 11 Gauge, Deduct	*-16.90*	
		For 10 Gauge, Deduct	*-6.76*	
		For 7 Gauge, Add	*10.14*	
		For 6 Gauge, Add	*23.65*	
		For 1/2" Mesh Fabric, Deduct	*-4.22*	
		For 5/8" Mesh Fabric, Deduct	*-9.29*	
		For 3/4" Mesh Fabric, Deduct	*-13.52*	

32 31 13 13-0263 Gates *(32 31 13 13)*

Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be). See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.

32 31 13 13-0264 Galvanized Steel Without Barbed Wire *(32 31 13 13-0263)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter for > 6' To 12' wide, 6-5/8" diameter for >12' To 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 13-0265 4' Fence Height *(32 31 13 13-0264)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0266	EA	3' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	349.29	24.18
		For Gate With Single Barb Wire Arm, Add	*30.11*	
		For Gate With Double Barb Wire Arm, Add	*43.79*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-51.32*	
		For Aluminized Steel Gate And Post, Add	*131.38*	
		For Powder Coated Gate And Post, Add	*71.16*	
		For 1" Mesh Fabric, Add	*119.06*	
		For 1-1/4" Mesh Fabric, Add	*76.64*	
		For 1-3/4" Mesh Fabric, Add	*47.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-23.81*	
32 31 13 13-0267	EA	4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	440.53	25.19
		For Gate With Single Barb Wire Arm, Add	*40.14*	
		For Gate With Double Barb Wire Arm, Add	*58.39*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-68.43*	
		For Aluminized Steel Gate And Post, Add	*175.18*	
		For Powder Coated Gate And Post, Add	*94.89*	
		For 1" Mesh Fabric, Add	*158.75*	
		For 1-1/4" Mesh Fabric, Add	*102.19*	
		For 1-3/4" Mesh Fabric, Add	*63.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-31.75*	
32 31 13 13-0268	EA	5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	521.23	26.80
		For Gate With Single Barb Wire Arm, Add	*48.47*	
		For Gate With Double Barb Wire Arm, Add	*70.50*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-82.61*	
		For Aluminized Steel Gate And Post, Add	*211.49*	
		For Powder Coated Gate And Post, Add	*114.56*	
		For 1" Mesh Fabric, Add	*191.67*	
		For 1-1/4" Mesh Fabric, Add	*123.37*	
		For 1-3/4" Mesh Fabric, Add	*76.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-38.33*	
32 31 13 13-0269	EA	6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	613.02	32.25
		For Gate With Single Barb Wire Arm, Add	*56.79*	
		For Gate With Double Barb Wire Arm, Add	*82.60*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-96.80*	
		For Aluminized Steel Gate And Post, Add	*247.81*	
		For Powder Coated Gate And Post, Add	*134.23*	
		For 1" Mesh Fabric, Add	*224.58*	
		For 1-1/4" Mesh Fabric, Add	*144.56*	
		For 1-3/4" Mesh Fabric, Add	*89.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-44.92*	
32 31 13 13-0270	EA	7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	704.80	37.58
		For Gate With Single Barb Wire Arm, Add	*65.11*	
		For Gate With Double Barb Wire Arm, Add	*94.71*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-110.99*	
		For Aluminized Steel Gate And Post, Add	*284.13*	
		For Powder Coated Gate And Post, Add	*153.90*	
		For 1" Mesh Fabric, Add	*257.49*	
		For 1-1/4" Mesh Fabric, Add	*165.74*	
		For 1-3/4" Mesh Fabric, Add	*103.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-51.50*	
32 31 13 13-0271	EA	8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	799.69	42.92
		For Gate With Single Barb Wire Arm, Add	*73.78*	
		For Gate With Double Barb Wire Arm, Add	*107.31*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-125.76*	
		For Aluminized Steel Gate And Post, Add	*321.94*	
		For Powder Coated Gate And Post, Add	*174.38*	
		For 1" Mesh Fabric, Add	*291.76*	
		For 1-1/4" Mesh Fabric, Add	*187.80*	
		For 1-3/4" Mesh Fabric, Add	*116.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-58.35*	
32 31 13 13-0272	EA	9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	891.47	48.37
		For Gate With Single Barb Wire Arm, Add	*82.10*	
		For Gate With Double Barb Wire Arm, Add	*119.42*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-139.94*	
		For Aluminized Steel Gate And Post, Add	*358.26*	
		For Powder Coated Gate And Post, Add	*194.06*	
		For 1" Mesh Fabric, Add	*324.67*	
		For 1-1/4" Mesh Fabric, Add	*208.98*	
		For 1-3/4" Mesh Fabric, Add	*129.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.93*	
32 31 13 13-0273	EA	10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	984.58	53.71
		For Gate With Single Barb Wire Arm, Add	*90.57*	
		For Gate With Double Barb Wire Arm, Add	*131.74*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-154.38*	
		For Aluminized Steel Gate And Post, Add	*395.21*	
		For Powder Coated Gate And Post, Add	*214.07*	
		For 1" Mesh Fabric, Add	*358.16*	
		For 1-1/4" Mesh Fabric, Add	*230.54*	
		For 1-3/4" Mesh Fabric, Add	*143.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-71.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0274	EA	10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,256.07	53.71
		For Gate With Single Barb Wire Arm, Add	*120.43*	
		For Gate With Double Barb Wire Arm, Add	*175.18*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-205.28*	
		For Aluminized Steel Gate And Post, Add	*525.53*	
		For Powder Coated Gate And Post, Add	*284.66*	
		For 1" Mesh Fabric, Add	*476.26*	
		For 1-1/4" Mesh Fabric, Add	*306.56*	
		For 1-3/4" Mesh Fabric, Add	*190.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-95.25*	
32 31 13 13-0275	EA	12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,486.56	57.53
		For Gate With Single Barb Wire Arm, Add	*144.52*	
		For Gate With Double Barb Wire Arm, Add	*210.21*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-246.34*	
		For Aluminized Steel Gate And Post, Add	*630.63*	
		For Powder Coated Gate And Post, Add	*341.59*	
		For 1" Mesh Fabric, Add	*571.51*	
		For 1-1/4" Mesh Fabric, Add	*367.87*	
		For 1-3/4" Mesh Fabric, Add	*228.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-114.30*	
32 31 13 13-0276	EA	14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,718.82	61.97
		For Gate With Single Barb Wire Arm, Add	*168.61*	
		For Gate With Double Barb Wire Arm, Add	*245.25*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-287.40*	
		For Aluminized Steel Gate And Post, Add	*735.74*	
		For Powder Coated Gate And Post, Add	*398.53*	
		For 1" Mesh Fabric, Add	*666.76*	
		For 1-1/4" Mesh Fabric, Add	*429.18*	
		For 1-3/4" Mesh Fabric, Add	*266.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-133.35*	
32 31 13 13-0277	EA	16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,953.29	67.11
		For Gate With Single Barb Wire Arm, Add	*192.69*	
		For Gate With Double Barb Wire Arm, Add	*280.28*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-328.46*	
		For Aluminized Steel Gate And Post, Add	*840.84*	
		For Powder Coated Gate And Post, Add	*455.46*	
		For 1" Mesh Fabric, Add	*762.02*	
		For 1-1/4" Mesh Fabric, Add	*490.49*	
		For 1-3/4" Mesh Fabric, Add	*304.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-152.40*	
32 31 13 13-0278	EA	18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,224.27	84.38
		For Gate With Single Barb Wire Arm, Add	*216.78*	
		For Gate With Double Barb Wire Arm, Add	*315.32*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-369.51*	
		For Aluminized Steel Gate And Post, Add	*945.95*	
		For Powder Coated Gate And Post, Add	*512.39*	
		For 1" Mesh Fabric, Add	*857.27*	
		For 1-1/4" Mesh Fabric, Add	*551.80*	
		For 1-3/4" Mesh Fabric, Add	*342.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-171.45*	
32 31 13 13-0279	EA	20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,461.35	90.44
		For Gate With Single Barb Wire Arm, Add	*240.87*	
		For Gate With Double Barb Wire Arm, Add	*350.35*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-410.57*	
		For Aluminized Steel Gate And Post, Add	*1,051.06*	
		For Powder Coated Gate And Post, Add	*569.32*	
		For 1" Mesh Fabric, Add	*952.52*	
		For 1-1/4" Mesh Fabric, Add	*613.12*	
		For 1-3/4" Mesh Fabric, Add	*381.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-190.50*	
32 31 13 13-0280	EA	22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,695.86	97.45
		For Gate With Single Barb Wire Arm, Add	*264.37*	
		For Gate With Double Barb Wire Arm, Add	*384.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-450.62*	
		For Aluminized Steel Gate And Post, Add	*1,153.59*	
		For Powder Coated Gate And Post, Add	*624.86*	
		For 1" Mesh Fabric, Add	*1,045.44*	
		For 1-1/4" Mesh Fabric, Add	*672.93*	
		For 1-3/4" Mesh Fabric, Add	*418.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-209.09*	
32 31 13 13-0281	EA	24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,933.87	105.54
		For Gate With Single Barb Wire Arm, Add	*287.86*	
		For Gate With Double Barb Wire Arm, Add	*418.71*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-490.68*	
		For Aluminized Steel Gate And Post, Add	*1,256.14*	
		For Powder Coated Gate And Post, Add	*680.41*	
		For 1" Mesh Fabric, Add	*1,138.37*	
		For 1-1/4" Mesh Fabric, Add	*732.75*	
		For 1-3/4" Mesh Fabric, Add	*455.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-227.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0282	EA	26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,176.31	115.16
		For Gate With Single Barb Wire Arm, Add	*311.36*	
		For Gate With Double Barb Wire Arm, Add	*452.89*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-530.73*	
		For Aluminized Steel Gate And Post, Add	*1,358.68*	
		For Powder Coated Gate And Post, Add	*735.95*	
		For 1" Mesh Fabric, Add	*1,231.30*	
		For 1-1/4" Mesh Fabric, Add	*792.56*	
		For 1-3/4" Mesh Fabric, Add	*492.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-246.26*	
32 31 13 13-0283	EA	28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,344.41	126.69
		For Gate With Single Barb Wire Arm, Add	*326.05*	
		For Gate With Double Barb Wire Arm, Add	*474.26*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-555.77*	
		For Aluminized Steel Gate And Post, Add	*1,422.77*	
		For Powder Coated Gate And Post, Add	*770.67*	
		For 1" Mesh Fabric, Add	*1,289.38*	
		For 1-1/4" Mesh Fabric, Add	*829.95*	
		For 1-3/4" Mesh Fabric, Add	*515.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-257.88*	
32 31 13 13-0284	EA	30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,707.10	140.71
		For Gate With Single Barb Wire Arm, Add	*361.30*	
		For Gate With Double Barb Wire Arm, Add	*525.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-615.85*	
		For Aluminized Steel Gate And Post, Add	*1,576.58*	
		For Powder Coated Gate And Post, Add	*853.98*	
		For 1" Mesh Fabric, Add	*1,428.77*	
		For 1-1/4" Mesh Fabric, Add	*919.67*	
		For 1-3/4" Mesh Fabric, Add	*571.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-285.75*	
32 31 13 13-0285		**5' Fence Height** *(32 31 13 13-0264)*		
32 31 13 13-0286	EA	3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	418.87	26.80
		For Gate With Single Barb Wire Arm, Add	*37.21*	
		For Gate With Double Barb Wire Arm, Add	*54.12*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-63.42*	
		For Aluminized Steel Gate And Post, Add	*162.36*	
		For Powder Coated Gate And Post, Add	*87.95*	
		For 1" Mesh Fabric, Add	*147.14*	
		For 1-1/4" Mesh Fabric, Add	*94.71*	
		For 1-3/4" Mesh Fabric, Add	*58.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.43*	
32 31 13 13-0287	EA	4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	530.13	26.80
		For Gate With Single Barb Wire Arm, Add	*49.45*	
		For Gate With Double Barb Wire Arm, Add	*71.92*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-84.28*	
		For Aluminized Steel Gate And Post, Add	*215.76*	
		For Powder Coated Gate And Post, Add	*116.87*	
		For 1" Mesh Fabric, Add	*195.54*	
		For 1-1/4" Mesh Fabric, Add	*125.86*	
		For 1-3/4" Mesh Fabric, Add	*78.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.11*	
32 31 13 13-0288	EA	5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	619.74	28.52
		For Gate With Single Barb Wire Arm, Add	*58.75*	
		For Gate With Double Barb Wire Arm, Add	*85.45*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-100.14*	
		For Aluminized Steel Gate And Post, Add	*256.35*	
		For Powder Coated Gate And Post, Add	*138.86*	
		For 1" Mesh Fabric, Add	*232.32*	
		For 1-1/4" Mesh Fabric, Add	*149.54*	
		For 1-3/4" Mesh Fabric, Add	*92.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-46.46*	
32 31 13 13-0289	EA	6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	725.87	34.26
		For Gate With Single Barb Wire Arm, Add	*68.54*	
		For Gate With Double Barb Wire Arm, Add	*99.69*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-116.83*	
		For Aluminized Steel Gate And Post, Add	*299.08*	
		For Powder Coated Gate And Post, Add	*162.00*	
		For 1" Mesh Fabric, Add	*271.04*	
		For 1-1/4" Mesh Fabric, Add	*174.46*	
		For 1-3/4" Mesh Fabric, Add	*108.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-54.21*	
32 31 13 13-0290	EA	7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	823.10	39.90
		For Gate With Single Barb Wire Arm, Add	*77.35*	
		For Gate With Double Barb Wire Arm, Add	*112.51*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-131.85*	
		For Aluminized Steel Gate And Post, Add	*337.53*	
		For Powder Coated Gate And Post, Add	*182.83*	
		For 1" Mesh Fabric, Add	*305.89*	
		For 1-1/4" Mesh Fabric, Add	*196.89*	
		For 1-3/4" Mesh Fabric, Add	*122.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-61.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0291	EA	8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	930.27	45.94
		For Gate With Single Barb Wire Arm, Add	*87.14*	
		For Gate With Double Barb Wire Arm, Add	*126.75*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-148.54*	
		For Aluminized Steel Gate And Post, Add	*380.26*	
		For Powder Coated Gate And Post, Add	*205.97*	
		For 1" Mesh Fabric, Add	*344.61*	
		For 1-1/4" Mesh Fabric, Add	*221.82*	
		For 1-3/4" Mesh Fabric, Add	*137.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-68.92*	
32 31 13 13-0292	EA	9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	1,031.95	51.69
		For Gate With Single Barb Wire Arm, Add	*96.44*	
		For Gate With Double Barb Wire Arm, Add	*140.28*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-164.39*	
		For Aluminized Steel Gate And Post, Add	*420.85*	
		For Powder Coated Gate And Post, Add	*227.96*	
		For 1" Mesh Fabric, Add	*381.39*	
		For 1-1/4" Mesh Fabric, Add	*245.50*	
		For 1-3/4" Mesh Fabric, Add	*152.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-76.28*	
32 31 13 13-0293	EA	10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	1,133.64	57.34
		For Gate With Single Barb Wire Arm, Add	*105.75*	
		For Gate With Double Barb Wire Arm, Add	*153.81*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-180.25*	
		For Aluminized Steel Gate And Post, Add	*461.44*	
		For Powder Coated Gate And Post, Add	*249.95*	
		For 1" Mesh Fabric, Add	*418.18*	
		For 1-1/4" Mesh Fabric, Add	*269.17*	
		For 1-3/4" Mesh Fabric, Add	*167.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-83.64*	
32 31 13 13-0294	EA	10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,529.28	57.53
		For Gate With Single Barb Wire Arm, Add	*149.22*	
		For Gate With Double Barb Wire Arm, Add	*217.05*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-254.35*	
		For Aluminized Steel Gate And Post, Add	*651.14*	
		For Powder Coated Gate And Post, Add	*352.70*	
		For 1" Mesh Fabric, Add	*590.09*	
		For 1-1/4" Mesh Fabric, Add	*379.83*	
		For 1-3/4" Mesh Fabric, Add	*236.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-118.02*	
32 31 13 13-0295	EA	12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,814.95	61.97
		For Gate With Single Barb Wire Arm, Add	*179.18*	
		For Gate With Double Barb Wire Arm, Add	*260.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-305.42*	
		For Aluminized Steel Gate And Post, Add	*781.88*	
		For Powder Coated Gate And Post, Add	*423.52*	
		For 1" Mesh Fabric, Add	*708.58*	
		For 1-1/4" Mesh Fabric, Add	*456.10*	
		For 1-3/4" Mesh Fabric, Add	*283.43*	
		For 2-1/8" Mesh Fabric, Deduct	*-141.72*	
32 31 13 13-0296	EA	14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,102.83	67.11
		For Gate With Single Barb Wire Arm, Add	*209.14*	
		For Gate With Double Barb Wire Arm, Add	*304.21*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-356.49*	
		For Aluminized Steel Gate And Post, Add	*912.62*	
		For Powder Coated Gate And Post, Add	*494.34*	
		For 1" Mesh Fabric, Add	*827.07*	
		For 1-1/4" Mesh Fabric, Add	*532.36*	
		For 1-3/4" Mesh Fabric, Add	*330.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-165.41*	
32 31 13 13-0297	EA	16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,427.21	84.38
		For Gate With Single Barb Wire Arm, Add	*239.10*	
		For Gate With Double Barb Wire Arm, Add	*347.79*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-407.56*	
		For Aluminized Steel Gate And Post, Add	*1,043.36*	
		For Powder Coated Gate And Post, Add	*565.15*	
		For 1" Mesh Fabric, Add	*945.55*	
		For 1-1/4" Mesh Fabric, Add	*608.63*	
		For 1-3/4" Mesh Fabric, Add	*378.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-189.11*	
32 31 13 13-0298	EA	18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,712.36	90.44
		For Gate With Single Barb Wire Arm, Add	*268.48*	
		For Gate With Double Barb Wire Arm, Add	*390.51*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-457.63*	
		For Aluminized Steel Gate And Post, Add	*1,171.54*	
		For Powder Coated Gate And Post, Add	*634.58*	
		For 1" Mesh Fabric, Add	*1,061.71*	
		For 1-1/4" Mesh Fabric, Add	*683.40*	
		For 1-3/4" Mesh Fabric, Add	*424.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-212.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0299	EA	20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,010.97	97.45
		For Gate With Single Barb Wire Arm, Add	*299.03*	
		For Gate With Double Barb Wire Arm, Add	*434.95*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-509.71*	
		For Aluminized Steel Gate And Post, Add	*1,304.85*	
		For Powder Coated Gate And Post, Add	*706.79*	
		For 1" Mesh Fabric, Add	*1,182.52*	
		For 1-1/4" Mesh Fabric, Add	*761.16*	
		For 1-3/4" Mesh Fabric, Add	*473.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-236.50*	
32 31 13 13-0300	EA	22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,307.72	105.54
		For Gate With Single Barb Wire Arm, Add	*328.99*	
		For Gate With Double Barb Wire Arm, Add	*478.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-560.78*	
		For Aluminized Steel Gate And Post, Add	*1,435.58*	
		For Powder Coated Gate And Post, Add	*777.61*	
		For 1" Mesh Fabric, Add	*1,301.00*	
		For 1-1/4" Mesh Fabric, Add	*837.42*	
		For 1-3/4" Mesh Fabric, Add	*520.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-260.20*	
32 31 13 13-0301	EA	24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,603.57	115.16
		For Gate With Single Barb Wire Arm, Add	*358.36*	
		For Gate With Double Barb Wire Arm, Add	*521.25*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-610.85*	
		For Aluminized Steel Gate And Post, Add	*1,563.76*	
		For Powder Coated Gate And Post, Add	*847.04*	
		For 1" Mesh Fabric, Add	*1,417.16*	
		For 1-1/4" Mesh Fabric, Add	*912.20*	
		For 1-3/4" Mesh Fabric, Add	*566.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-283.43*	
32 31 13 13-0302	EA	26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,915.87	126.69
		For Gate With Single Barb Wire Arm, Add	*388.91*	
		For Gate With Double Barb Wire Arm, Add	*565.69*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-662.92*	
		For Aluminized Steel Gate And Post, Add	*1,697.07*	
		For Powder Coated Gate And Post, Add	*919.25*	
		For 1" Mesh Fabric, Add	*1,537.97*	
		For 1-1/4" Mesh Fabric, Add	*989.96*	
		For 1-3/4" Mesh Fabric, Add	*615.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-307.59*	
32 31 13 13-0303	EA	28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,227.13	140.71
		For Gate With Single Barb Wire Arm, Add	*418.50*	
		For Gate With Double Barb Wire Arm, Add	*608.73*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-713.36*	
		For Aluminized Steel Gate And Post, Add	*1,826.19*	
		For Powder Coated Gate And Post, Add	*989.19*	
		For 1" Mesh Fabric, Add	*1,654.99*	
		For 1-1/4" Mesh Fabric, Add	*1,065.28*	
		For 1-3/4" Mesh Fabric, Add	*662.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-331.00*	
32 31 13 13-0304	EA	30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,545.02	158.30
		For Gate With Single Barb Wire Arm, Add	*447.66*	
		For Gate With Double Barb Wire Arm, Add	*651.14*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-763.06*	
		For Aluminized Steel Gate And Post, Add	*1,953.42*	
		For Powder Coated Gate And Post, Add	*1,058.10*	
		For 1" Mesh Fabric, Add	*1,770.29*	
		For 1-1/4" Mesh Fabric, Add	*1,139.50*	
		For 1-3/4" Mesh Fabric, Add	*708.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-354.06*	
32 31 13 13-0305		**6' Fence Height** *(32 31 13 13-0264)*		
32 31 13 13-0306	EA	3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	449.09	28.72
		For Gate With Single Barb Wire Arm, Add	*39.90*	
		For Gate With Double Barb Wire Arm, Add	*58.04*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-68.01*	
		For Aluminized Steel Gate And Post, Add	*174.11*	
		For Powder Coated Gate And Post, Add	*94.31*	
		For 1" Mesh Fabric, Add	*157.78*	
		For 1-1/4" Mesh Fabric, Add	*101.56*	
		For 1-3/4" Mesh Fabric, Add	*63.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-31.56*	
32 31 13 13-0307	EA	4' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	569.26	28.72
		For Gate With Single Barb Wire Arm, Add	*53.12*	
		For Gate With Double Barb Wire Arm, Add	*77.26*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-90.54*	
		For Aluminized Steel Gate And Post, Add	*231.79*	
		For Powder Coated Gate And Post, Add	*125.55*	
		For 1" Mesh Fabric, Add	*210.06*	
		For 1-1/4" Mesh Fabric, Add	*135.21*	
		For 1-3/4" Mesh Fabric, Add	*84.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-42.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0308	EA	5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	666.51	30.54
		For Gate With Single Barb Wire Arm, Add	*63.23*	
		For Gate With Double Barb Wire Arm, Add	*91.97*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-107.78*	
		For Aluminized Steel Gate And Post, Add	*275.90*	
		For Powder Coated Gate And Post, Add	*149.45*	
		For 1" Mesh Fabric, Add	*250.04*	
		For 1-1/4" Mesh Fabric, Add	*160.94*	
		For 1-3/4" Mesh Fabric, Add	*100.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-50.01*	
32 31 13 13-0309	EA	6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	773.98	36.88
		For Gate With Single Barb Wire Arm, Add	*72.95*	
		For Gate With Double Barb Wire Arm, Add	*106.10*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-124.34*	
		For Aluminized Steel Gate And Post, Add	*318.31*	
		For Powder Coated Gate And Post, Add	*172.42*	
		For 1" Mesh Fabric, Add	*288.47*	
		For 1-1/4" Mesh Fabric, Add	*185.68*	
		For 1-3/4" Mesh Fabric, Add	*115.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-57.69*	
32 31 13 13-0310	EA	7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	886.58	43.33
		For Gate With Single Barb Wire Arm, Add	*83.23*	
		For Gate With Double Barb Wire Arm, Add	*121.06*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-141.86*	
		For Aluminized Steel Gate And Post, Add	*363.17*	
		For Powder Coated Gate And Post, Add	*196.72*	
		For 1" Mesh Fabric, Add	*329.12*	
		For 1-1/4" Mesh Fabric, Add	*211.85*	
		For 1-3/4" Mesh Fabric, Add	*131.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-65.82*	
32 31 13 13-0311	EA	8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	993.73	49.37
		For Gate With Single Barb Wire Arm, Add	*93.02*	
		For Gate With Double Barb Wire Arm, Add	*135.30*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-158.55*	
		For Aluminized Steel Gate And Post, Add	*405.89*	
		For Powder Coated Gate And Post, Add	*219.86*	
		For 1" Mesh Fabric, Add	*367.84*	
		For 1-1/4" Mesh Fabric, Add	*236.77*	
		For 1-3/4" Mesh Fabric, Add	*147.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-73.57*	
32 31 13 13-0312	EA	9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,101.90	55.73
		For Gate With Single Barb Wire Arm, Add	*102.81*	
		For Gate With Double Barb Wire Arm, Add	*149.54*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-175.24*	
		For Aluminized Steel Gate And Post, Add	*448.62*	
		For Powder Coated Gate And Post, Add	*243.00*	
		For 1" Mesh Fabric, Add	*406.56*	
		For 1-1/4" Mesh Fabric, Add	*261.70*	
		For 1-3/4" Mesh Fabric, Add	*162.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-81.31*	
32 31 13 13-0313	EA	10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,169.98	62.07
		For Gate With Single Barb Wire Arm, Add	*108.19*	
		For Gate With Double Barb Wire Arm, Add	*157.37*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-184.42*	
		For Aluminized Steel Gate And Post, Add	*472.12*	
		For Powder Coated Gate And Post, Add	*255.73*	
		For 1" Mesh Fabric, Add	*427.86*	
		For 1-1/4" Mesh Fabric, Add	*275.40*	
		For 1-3/4" Mesh Fabric, Add	*171.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-85.57*	
32 31 13 13-0314	EA	10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,633.37	61.97
		For Gate With Single Barb Wire Arm, Add	*159.21*	
		For Gate With Double Barb Wire Arm, Add	*231.57*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-271.38*	
		For Aluminized Steel Gate And Post, Add	*694.72*	
		For Powder Coated Gate And Post, Add	*376.31*	
		For 1" Mesh Fabric, Add	*629.59*	
		For 1-1/4" Mesh Fabric, Add	*405.26*	
		For 1-3/4" Mesh Fabric, Add	*251.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-125.92*	
32 31 13 13-0315	EA	12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,937.26	67.11
		For Gate With Single Barb Wire Arm, Add	*190.93*	
		For Gate With Double Barb Wire Arm, Add	*277.72*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-325.45*	
		For Aluminized Steel Gate And Post, Add	*833.15*	
		For Powder Coated Gate And Post, Add	*451.29*	
		For 1" Mesh Fabric, Add	*755.04*	
		For 1-1/4" Mesh Fabric, Add	*486.00*	
		For 1-3/4" Mesh Fabric, Add	*302.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-151.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0316	EA	14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,301.12	90.44
		For Gate With Single Barb Wire Arm, Add	*223.24*	
		For Gate With Double Barb Wire Arm, Add	*324.72*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-380.53*	
		For Aluminized Steel Gate And Post, Add	*974.15*	
		For Powder Coated Gate And Post, Add	*527.66*	
		For 1" Mesh Fabric, Add	*882.82*	
		For 1-1/4" Mesh Fabric, Add	*568.25*	
		For 1-3/4" Mesh Fabric, Add	*353.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-176.56*	
32 31 13 13-0317	EA	16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,610.41	97.45
		For Gate With Single Barb Wire Arm, Add	*254.97*	
		For Gate With Double Barb Wire Arm, Add	*370.86*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-434.60*	
		For Aluminized Steel Gate And Post, Add	*1,112.58*	
		For Powder Coated Gate And Post, Add	*602.65*	
		For 1" Mesh Fabric, Add	*1,008.27*	
		For 1-1/4" Mesh Fabric, Add	*649.00*	
		For 1-3/4" Mesh Fabric, Add	*403.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-201.65*	
32 31 13 13-0318	EA	18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,928.53	105.54
		For Gate With Single Barb Wire Arm, Add	*287.28*	
		For Gate With Double Barb Wire Arm, Add	*417.86*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-489.68*	
		For Aluminized Steel Gate And Post, Add	*1,253.57*	
		For Powder Coated Gate And Post, Add	*679.02*	
		For 1" Mesh Fabric, Add	*1,136.05*	
		For 1-1/4" Mesh Fabric, Add	*731.25*	
		For 1-3/4" Mesh Fabric, Add	*454.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-227.21*	
32 31 13 13-0319	EA	20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,251.08	115.16
		For Gate With Single Barb Wire Arm, Add	*319.59*	
		For Gate With Double Barb Wire Arm, Add	*464.86*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-544.75*	
		For Aluminized Steel Gate And Post, Add	*1,394.57*	
		For Powder Coated Gate And Post, Add	*755.39*	
		For 1" Mesh Fabric, Add	*1,263.83*	
		For 1-1/4" Mesh Fabric, Add	*813.50*	
		For 1-3/4" Mesh Fabric, Add	*505.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-252.77*	
32 31 13 13-0320	EA	22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,574.06	126.69
		For Gate With Single Barb Wire Arm, Add	*351.31*	
		For Gate With Double Barb Wire Arm, Add	*511.00*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-598.83*	
		For Aluminized Steel Gate And Post, Add	*1,533.00*	
		For Powder Coated Gate And Post, Add	*830.38*	
		For 1" Mesh Fabric, Add	*1,389.28*	
		For 1-1/4" Mesh Fabric, Add	*894.25*	
		For 1-3/4" Mesh Fabric, Add	*555.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-277.86*	
32 31 13 13-0321	EA	24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,907.38	140.71
		For Gate With Single Barb Wire Arm, Add	*383.33*	
		For Gate With Double Barb Wire Arm, Add	*557.57*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-653.40*	
		For Aluminized Steel Gate And Post, Add	*1,672.71*	
		For Powder Coated Gate And Post, Add	*906.05*	
		For 1" Mesh Fabric, Add	*1,515.90*	
		For 1-1/4" Mesh Fabric, Add	*975.75*	
		For 1-3/4" Mesh Fabric, Add	*606.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-303.18*	
32 31 13 13-0322	EA	26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,248.07	158.30
		For Gate With Single Barb Wire Arm, Add	*414.99*	
		For Gate With Double Barb Wire Arm, Add	*603.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-707.38*	
		For Aluminized Steel Gate And Post, Add	*1,810.89*	
		For Powder Coated Gate And Post, Add	*980.90*	
		For 1" Mesh Fabric, Add	*1,641.12*	
		For 1-1/4" Mesh Fabric, Add	*1,056.35*	
		For 1-3/4" Mesh Fabric, Add	*656.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-328.22*	
32 31 13 13-0323	EA	28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,607.58	180.88
		For Gate With Single Barb Wire Arm, Add	*447.07*	
		For Gate With Double Barb Wire Arm, Add	*650.29*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-762.05*	
		For Aluminized Steel Gate And Post, Add	*1,950.86*	
		For Powder Coated Gate And Post, Add	*1,056.72*	
		For 1" Mesh Fabric, Add	*1,767.97*	
		For 1-1/4" Mesh Fabric, Add	*1,138.00*	
		For 1-3/4" Mesh Fabric, Add	*707.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-353.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0324	EA	30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,990.27	211.07
		For Gate With Single Barb Wire Arm, Add	*479.21*	
		For Gate With Double Barb Wire Arm, Add	*697.03*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-816.83*	
		For Aluminized Steel Gate And Post, Add	*2,091.09*	
		For Powder Coated Gate And Post, Add	*1,132.67*	
		For 1" Mesh Fabric, Add	*1,895.05*	
		For 1-1/4" Mesh Fabric, Add	*1,219.80*	
		For 1-3/4" Mesh Fabric, Add	*758.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-379.01*	
32 31 13 13-0325		7' Fence Height *(32 31 13 13-0264)*		
32 31 13 13-0326	EA	3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	471.32	30.93
		For Gate With Single Barb Wire Arm, Add	*41.61*	
		For Gate With Double Barb Wire Arm, Add	*60.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-70.93*	
		For Aluminized Steel Gate And Post, Add	*181.58*	
		For Powder Coated Gate And Post, Add	*98.36*	
		For 1" Mesh Fabric, Add	*164.56*	
		For 1-1/4" Mesh Fabric, Add	*105.92*	
		For 1-3/4" Mesh Fabric, Add	*65.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.91*	
32 31 13 13-0327	EA	4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	595.94	30.93
		For Gate With Single Barb Wire Arm, Add	*55.32*	
		For Gate With Double Barb Wire Arm, Add	*80.47*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-94.30*	
		For Aluminized Steel Gate And Post, Add	*241.40*	
		For Powder Coated Gate And Post, Add	*130.76*	
		For 1" Mesh Fabric, Add	*218.77*	
		For 1-1/4" Mesh Fabric, Add	*140.82*	
		For 1-3/4" Mesh Fabric, Add	*87.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-43.75*	
32 31 13 13-0328	EA	5' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	701.60	32.54
		For Gate With Single Barb Wire Arm, Add	*66.42*	
		For Gate With Double Barb Wire Arm, Add	*96.62*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-113.22*	
		For Aluminized Steel Gate And Post, Add	*289.85*	
		For Powder Coated Gate And Post, Add	*157.00*	
		For 1" Mesh Fabric, Add	*262.68*	
		For 1-1/4" Mesh Fabric, Add	*169.08*	
		For 1-3/4" Mesh Fabric, Add	*105.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-52.54*	
32 31 13 13-0329	EA	6' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	859.85	39.60
		For Gate With Single Barb Wire Arm, Add	*81.50*	
		For Gate With Double Barb Wire Arm, Add	*118.55*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-138.93*	
		For Aluminized Steel Gate And Post, Add	*355.65*	
		For Powder Coated Gate And Post, Add	*192.64*	
		For 1" Mesh Fabric, Add	*322.31*	
		For 1-1/4" Mesh Fabric, Add	*207.46*	
		For 1-3/4" Mesh Fabric, Add	*128.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.46*	
32 31 13 13-0330	EA	7' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,017.11	46.35
		For Gate With Single Barb Wire Arm, Add	*96.59*	
		For Gate With Double Barb Wire Arm, Add	*140.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-164.64*	
		For Aluminized Steel Gate And Post, Add	*421.47*	
		For Powder Coated Gate And Post, Add	*228.30*	
		For 1" Mesh Fabric, Add	*381.96*	
		For 1-1/4" Mesh Fabric, Add	*245.86*	
		For 1-3/4" Mesh Fabric, Add	*152.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-76.39*	
32 31 13 13-0331	EA	8' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,175.36	53.30
		For Gate With Single Barb Wire Arm, Add	*111.67*	
		For Gate With Double Barb Wire Arm, Add	*162.42*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-190.34*	
		For Aluminized Steel Gate And Post, Add	*487.27*	
		For Powder Coated Gate And Post, Add	*263.94*	
		For 1" Mesh Fabric, Add	*441.59*	
		For 1-1/4" Mesh Fabric, Add	*284.24*	
		For 1-3/4" Mesh Fabric, Add	*176.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-88.32*	
32 31 13 13-0332	EA	9' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,332.63	60.06
		For Gate With Single Barb Wire Arm, Add	*126.75*	
		For Gate With Double Barb Wire Arm, Add	*184.36*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-216.05*	
		For Aluminized Steel Gate And Post, Add	*553.08*	
		For Powder Coated Gate And Post, Add	*299.59*	
		For 1" Mesh Fabric, Add	*501.23*	
		For 1-1/4" Mesh Fabric, Add	*322.63*	
		For 1-3/4" Mesh Fabric, Add	*200.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-100.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0333	EA	10' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,466.17	67.11
		For Gate With Single Barb Wire Arm, Add	*139.11*	
		For Gate With Double Barb Wire Arm, Add	*202.34*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-237.12*	
		For Aluminized Steel Gate And Post, Add	*607.03*	
		For Powder Coated Gate And Post, Add	*328.81*	
		For 1" Mesh Fabric, Add	*550.12*	
		For 1-1/4" Mesh Fabric, Add	*354.10*	
		For 1-3/4" Mesh Fabric, Add	*220.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-110.02*	
32 31 13 13-0334	EA	10' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,861.53	67.11
		For Gate With Single Barb Wire Arm, Add	*182.60*	
		For Gate With Double Barb Wire Arm, Add	*265.60*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-311.25*	
		For Aluminized Steel Gate And Post, Add	*796.80*	
		For Powder Coated Gate And Post, Add	*431.60*	
		For 1" Mesh Fabric, Add	*722.10*	
		For 1-1/4" Mesh Fabric, Add	*464.80*	
		For 1-3/4" Mesh Fabric, Add	*288.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-144.42*	
32 31 13 13-0335	EA	12' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,117.43	90.44
		For Gate With Single Barb Wire Arm, Add	*203.04*	
		For Gate With Double Barb Wire Arm, Add	*295.32*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-346.08*	
		For Aluminized Steel Gate And Post, Add	*885.97*	
		For Powder Coated Gate And Post, Add	*479.90*	
		For 1" Mesh Fabric, Add	*802.91*	
		For 1-1/4" Mesh Fabric, Add	*516.82*	
		For 1-3/4" Mesh Fabric, Add	*321.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-160.58*	
32 31 13 13-0336	EA	14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,445.95	97.45
		For Gate With Single Barb Wire Arm, Add	*236.88*	
		For Gate With Double Barb Wire Arm, Add	*344.55*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-403.76*	
		For Aluminized Steel Gate And Post, Add	*1,033.64*	
		For Powder Coated Gate And Post, Add	*559.89*	
		For 1" Mesh Fabric, Add	*936.73*	
		For 1-1/4" Mesh Fabric, Add	*602.95*	
		For 1-3/4" Mesh Fabric, Add	*374.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-187.35*	
32 31 13 13-0337	EA	16' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,752.29	105.54
		For Gate With Single Barb Wire Arm, Add	*267.89*	
		For Gate With Double Barb Wire Arm, Add	*389.66*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-456.63*	
		For Aluminized Steel Gate And Post, Add	*1,168.98*	
		For Powder Coated Gate And Post, Add	*633.20*	
		For 1" Mesh Fabric, Add	*1,059.39*	
		For 1-1/4" Mesh Fabric, Add	*681.90*	
		For 1-3/4" Mesh Fabric, Add	*423.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-211.88*	
32 31 13 13-0338	EA	18' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,090.86	115.16
		For Gate With Single Barb Wire Arm, Add	*301.96*	
		For Gate With Double Barb Wire Arm, Add	*439.22*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-514.71*	
		For Aluminized Steel Gate And Post, Add	*1,317.66*	
		For Powder Coated Gate And Post, Add	*713.73*	
		For 1" Mesh Fabric, Add	*1,194.13*	
		For 1-1/4" Mesh Fabric, Add	*768.64*	
		For 1-3/4" Mesh Fabric, Add	*477.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-238.83*	
32 31 13 13-0339	EA	20' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,429.86	126.69
		For Gate With Single Barb Wire Arm, Add	*335.45*	
		For Gate With Double Barb Wire Arm, Add	*487.93*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-571.79*	
		For Aluminized Steel Gate And Post, Add	*1,463.78*	
		For Powder Coated Gate And Post, Add	*792.88*	
		For 1" Mesh Fabric, Add	*1,326.55*	
		For 1-1/4" Mesh Fabric, Add	*853.87*	
		For 1-3/4" Mesh Fabric, Add	*530.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-265.31*	
32 31 13 13-0340	EA	22' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,776.53	140.71
		For Gate With Single Barb Wire Arm, Add	*368.94*	
		For Gate With Double Barb Wire Arm, Add	*536.64*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-628.87*	
		For Aluminized Steel Gate And Post, Add	*1,609.91*	
		For Powder Coated Gate And Post, Add	*872.03*	
		For 1" Mesh Fabric, Add	*1,458.98*	
		For 1-1/4" Mesh Fabric, Add	*939.11*	
		For 1-3/4" Mesh Fabric, Add	*583.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-291.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0341	EA	24' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,133.78	158.30
		For Gate With Single Barb Wire Arm, Add	*402.42*	
		For Gate With Double Barb Wire Arm, Add	*585.34*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-685.95*	
		For Aluminized Steel Gate And Post, Add	*1,756.03*	
		For Powder Coated Gate And Post, Add	*951.18*	
		For 1" Mesh Fabric, Add	*1,591.40*	
		For 1-1/4" Mesh Fabric, Add	*1,024.35*	
		For 1-3/4" Mesh Fabric, Add	*636.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-318.28*	
32 31 13 13-0342	EA	26' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,506.10	180.88
		For Gate With Single Barb Wire Arm, Add	*435.91*	
		For Gate With Double Barb Wire Arm, Add	*634.05*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-743.03*	
		For Aluminized Steel Gate And Post, Add	*1,902.15*	
		For Powder Coated Gate And Post, Add	*1,030.33*	
		For 1" Mesh Fabric, Add	*1,723.82*	
		For 1-1/4" Mesh Fabric, Add	*1,109.59*	
		For 1-3/4" Mesh Fabric, Add	*689.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-344.76*	
32 31 13 13-0343	EA	28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,901.08	211.07
		For Gate With Single Barb Wire Arm, Add	*469.40*	
		For Gate With Double Barb Wire Arm, Add	*682.76*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-800.11*	
		For Aluminized Steel Gate And Post, Add	*2,048.28*	
		For Powder Coated Gate And Post, Add	*1,109.48*	
		For 1" Mesh Fabric, Add	*1,856.25*	
		For 1-1/4" Mesh Fabric, Add	*1,194.83*	
		For 1-3/4" Mesh Fabric, Add	*742.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-371.25*	
32 31 13 13-0344	EA	30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	5,332.27	253.26
		For Gate With Single Barb Wire Arm, Add	*502.88*	
		For Gate With Double Barb Wire Arm, Add	*731.47*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-857.19*	
		For Aluminized Steel Gate And Post, Add	*2,194.40*	
		For Powder Coated Gate And Post, Add	*1,188.63*	
		For 1" Mesh Fabric, Add	*1,988.67*	
		For 1-1/4" Mesh Fabric, Add	*1,280.06*	
		For 1-3/4" Mesh Fabric, Add	*795.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-397.73*	
32 31 13 13-0345		8' Fence Height *(32 31 13 13-0264)*		
32 31 13 13-0346	EA	3' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	552.57	33.56
		For Gate With Single Barb Wire Arm, Add	*49.70*	
		For Gate With Double Barb Wire Arm, Add	*72.29*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-84.71*	
		For Aluminized Steel Gate And Post, Add	*216.86*	
		For Powder Coated Gate And Post, Add	*117.47*	
		For 1" Mesh Fabric, Add	*196.53*	
		For 1-1/4" Mesh Fabric, Add	*126.50*	
		For 1-3/4" Mesh Fabric, Add	*78.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.31*	
32 31 13 13-0347	EA	4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	703.18	33.56
		For Gate With Single Barb Wire Arm, Add	*66.27*	
		For Gate With Double Barb Wire Arm, Add	*96.39*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-112.95*	
		For Aluminized Steel Gate And Post, Add	*289.16*	
		For Powder Coated Gate And Post, Add	*156.63*	
		For 1" Mesh Fabric, Add	*262.05*	
		For 1-1/4" Mesh Fabric, Add	*168.67*	
		For 1-3/4" Mesh Fabric, Add	*104.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-52.41*	
32 31 13 13-0348	EA	5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	820.85	37.39
		For Gate With Single Barb Wire Arm, Add	*77.93*	
		For Gate With Double Barb Wire Arm, Add	*113.36*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-132.84*	
		For Aluminized Steel Gate And Post, Add	*340.08*	
		For Powder Coated Gate And Post, Add	*184.21*	
		For 1" Mesh Fabric, Add	*308.19*	
		For 1-1/4" Mesh Fabric, Add	*198.38*	
		For 1-3/4" Mesh Fabric, Add	*123.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-61.64*	
32 31 13 13-0349	EA	6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	941.56	42.33
		For Gate With Single Barb Wire Arm, Add	*89.60*	
		For Gate With Double Barb Wire Arm, Add	*130.33*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-152.74*	
		For Aluminized Steel Gate And Post, Add	*391.00*	
		For Powder Coated Gate And Post, Add	*211.79*	
		For 1" Mesh Fabric, Add	*354.35*	
		For 1-1/4" Mesh Fabric, Add	*228.09*	
		For 1-3/4" Mesh Fabric, Add	*141.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-70.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0350	EA	7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,073.86	50.98
		For Gate With Single Barb Wire Arm, Add	*101.28*	
		For Gate With Double Barb Wire Arm, Add	*147.31*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-172.63*	
		For Aluminized Steel Gate And Post, Add	*441.94*	
		For Powder Coated Gate And Post, Add	*239.38*	
		For 1" Mesh Fabric, Add	*400.50*	
		For 1-1/4" Mesh Fabric, Add	*257.80*	
		For 1-3/4" Mesh Fabric, Add	*160.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-80.10*	
32 31 13 13-0351	EA	8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,205.16	59.35
		For Gate With Single Barb Wire Arm, Add	*112.95*	
		For Gate With Double Barb Wire Arm, Add	*164.29*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-192.53*	
		For Aluminized Steel Gate And Post, Add	*492.86*	
		For Powder Coated Gate And Post, Add	*266.97*	
		For 1" Mesh Fabric, Add	*446.66*	
		For 1-1/4" Mesh Fabric, Add	*287.50*	
		For 1-3/4" Mesh Fabric, Add	*178.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-89.33*	
32 31 13 13-0352	EA	9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,337.46	68.12
		For Gate With Single Barb Wire Arm, Add	*124.62*	
		For Gate With Double Barb Wire Arm, Add	*181.26*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-212.42*	
		For Aluminized Steel Gate And Post, Add	*543.79*	
		For Powder Coated Gate And Post, Add	*294.55*	
		For 1" Mesh Fabric, Add	*492.81*	
		For 1-1/4" Mesh Fabric, Add	*317.21*	
		For 1-3/4" Mesh Fabric, Add	*197.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-98.56*	
32 31 13 13-0353	EA	10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,469.75	76.89
		For Gate With Single Barb Wire Arm, Add	*136.29*	
		For Gate With Double Barb Wire Arm, Add	*198.24*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-232.31*	
		For Aluminized Steel Gate And Post, Add	*594.72*	
		For Powder Coated Gate And Post, Add	*322.14*	
		For 1" Mesh Fabric, Add	*538.97*	
		For 1-1/4" Mesh Fabric, Add	*346.92*	
		For 1-3/4" Mesh Fabric, Add	*215.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-107.79*	
32 31 13 13-0354	EA	10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,130.18	90.44
		For Gate With Single Barb Wire Arm, Add	*204.44*	
		For Gate With Double Barb Wire Arm, Add	*297.36*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-348.47*	
		For Aluminized Steel Gate And Post, Add	*892.09*	
		For Powder Coated Gate And Post, Add	*483.22*	
		For 1" Mesh Fabric, Add	*808.46*	
		For 1-1/4" Mesh Fabric, Add	*520.39*	
		For 1-3/4" Mesh Fabric, Add	*323.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-161.69*	
32 31 13 13-0355	EA	12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,508.94	97.45
		For Gate With Single Barb Wire Arm, Add	*243.80*	
		For Gate With Double Barb Wire Arm, Add	*354.62*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-415.58*	
		For Aluminized Steel Gate And Post, Add	*1,063.87*	
		For Powder Coated Gate And Post, Add	*576.26*	
		For 1" Mesh Fabric, Add	*964.13*	
		For 1-1/4" Mesh Fabric, Add	*620.59*	
		For 1-3/4" Mesh Fabric, Add	*385.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-192.83*	
32 31 13 13-0356	EA	14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,896.49	105.54
		For Gate With Single Barb Wire Arm, Add	*283.75*	
		For Gate With Double Barb Wire Arm, Add	*412.73*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-483.67*	
		For Aluminized Steel Gate And Post, Add	*1,238.19*	
		For Powder Coated Gate And Post, Add	*670.69*	
		For 1" Mesh Fabric, Add	*1,122.11*	
		For 1-1/4" Mesh Fabric, Add	*722.28*	
		For 1-3/4" Mesh Fabric, Add	*448.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-224.42*	
32 31 13 13-0357	EA	16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,299.15	115.16
		For Gate With Single Barb Wire Arm, Add	*324.88*	
		For Gate With Double Barb Wire Arm, Add	*472.55*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-553.77*	
		For Aluminized Steel Gate And Post, Add	*1,417.64*	
		For Powder Coated Gate And Post, Add	*767.89*	
		For 1" Mesh Fabric, Add	*1,284.74*	
		For 1-1/4" Mesh Fabric, Add	*826.96*	
		For 1-3/4" Mesh Fabric, Add	*513.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-256.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0358	EA	18 Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,707.58	126.69
		For Gate With Single Barb Wire Arm, Add	*366.00*	
		For Gate With Double Barb Wire Arm, Add	*532.36*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-623.86*	
		For Aluminized Steel Gate And Post, Add	*1,597.09*	
		For Powder Coated Gate And Post, Add	*865.09*	
		For 1" Mesh Fabric, Add	*1,447.36*	
		For 1-1/4" Mesh Fabric, Add	*931.64*	
		For 1-3/4" Mesh Fabric, Add	*578.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-289.47*	
32 31 13 13-0359	EA	20' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,118.34	140.71
		For Gate With Single Barb Wire Arm, Add	*406.54*	
		For Gate With Double Barb Wire Arm, Add	*591.32*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-692.96*	
		For Aluminized Steel Gate And Post, Add	*1,773.97*	
		For Powder Coated Gate And Post, Add	*960.90*	
		For 1" Mesh Fabric, Add	*1,607.66*	
		For 1-1/4" Mesh Fabric, Add	*1,034.82*	
		For 1-3/4" Mesh Fabric, Add	*643.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-321.53*	
32 31 13 13-0360	EA	22' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,534.34	158.30
		For Gate With Single Barb Wire Arm, Add	*446.48*	
		For Gate With Double Barb Wire Arm, Add	*649.43*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-761.05*	
		For Aluminized Steel Gate And Post, Add	*1,948.30*	
		For Powder Coated Gate And Post, Add	*1,055.33*	
		For 1" Mesh Fabric, Add	*1,765.64*	
		For 1-1/4" Mesh Fabric, Add	*1,136.51*	
		For 1-3/4" Mesh Fabric, Add	*706.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-353.13*	
32 31 13 13-0361	EA	24' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,976.09	180.88
		For Gate With Single Barb Wire Arm, Add	*487.61*	
		For Gate With Double Barb Wire Arm, Add	*709.25*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-831.15*	
		For Aluminized Steel Gate And Post, Add	*2,127.74*	
		For Powder Coated Gate And Post, Add	*1,152.53*	
		For 1" Mesh Fabric, Add	*1,928.27*	
		For 1-1/4" Mesh Fabric, Add	*1,241.18*	
		For 1-3/4" Mesh Fabric, Add	*771.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-385.65*	
32 31 13 13-0362	EA	26' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	5,440.49	211.07
		For Gate With Single Barb Wire Arm, Add	*528.73*	
		For Gate With Double Barb Wire Arm, Add	*769.06*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-901.25*	
		For Aluminized Steel Gate And Post, Add	*2,307.19*	
		For Powder Coated Gate And Post, Add	*1,249.73*	
		For 1" Mesh Fabric, Add	*2,090.89*	
		For 1-1/4" Mesh Fabric, Add	*1,345.86*	
		For 1-3/4" Mesh Fabric, Add	*836.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-418.18*	
32 31 13 13-0363	EA	28' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	5,935.77	253.26
		For Gate With Single Barb Wire Arm, Add	*569.27*	
		For Gate With Double Barb Wire Arm, Add	*828.03*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-970.34*	
		For Aluminized Steel Gate And Post, Add	*2,484.08*	
		For Powder Coated Gate And Post, Add	*1,345.54*	
		For 1" Mesh Fabric, Add	*2,251.19*	
		For 1-1/4" Mesh Fabric, Add	*1,449.04*	
		For 1-3/4" Mesh Fabric, Add	*900.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-450.24*	
32 31 13 13-0364	EA	30' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	6,494.43	316.60
		For Gate With Single Barb Wire Arm, Add	*609.80*	
		For Gate With Double Barb Wire Arm, Add	*886.99*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,039.44*	
		For Aluminized Steel Gate And Post, Add	*2,660.96*	
		For Powder Coated Gate And Post, Add	*1,441.35*	
		For 1" Mesh Fabric, Add	*2,411.50*	
		For 1-1/4" Mesh Fabric, Add	*1,552.23*	
		For 1-3/4" Mesh Fabric, Add	*964.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-482.30*	
32 31 13 13-0365		10' Fence Height *(32 31 13 13-0264)*		
32 31 13 13-0366	EA	3' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	696.20	37.29
		For Gate With Single Barb Wire Arm, Add	*64.27*	
		For Gate With Double Barb Wire Arm, Add	*93.48*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-109.55*	
		For Aluminized Steel Gate And Post, Add	*280.44*	
		For Powder Coated Gate And Post, Add	*151.90*	
		For 1" Mesh Fabric, Add	*254.14*	
		For 1-1/4" Mesh Fabric, Add	*163.59*	
		For 1-3/4" Mesh Fabric, Add	*101.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-50.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0367	EA	4' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	890.94	37.29
		For Gate With Single Barb Wire Arm, Add	*85.69*	
		For Gate With Double Barb Wire Arm, Add	*124.64*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-146.06*	
		For Aluminized Steel Gate And Post, Add	*373.91*	
		For Powder Coated Gate And Post, Add	*202.53*	
		For 1" Mesh Fabric, Add	*338.86*	
		For 1-1/4" Mesh Fabric, Add	*218.11*	
		For 1-3/4" Mesh Fabric, Add	*135.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-67.77*	
32 31 13 13-0368	EA	5' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,033.09	38.90
		For Gate With Single Barb Wire Arm, Add	*100.78*	
		For Gate With Double Barb Wire Arm, Add	*146.59*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-171.79*	
		For Aluminized Steel Gate And Post, Add	*439.78*	
		For Powder Coated Gate And Post, Add	*238.21*	
		For 1" Mesh Fabric, Add	*398.55*	
		For 1-1/4" Mesh Fabric, Add	*256.54*	
		For 1-3/4" Mesh Fabric, Add	*159.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-79.71*	
32 31 13 13-0369	EA	6' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,198.51	48.37
		For Gate With Single Barb Wire Arm, Add	*115.88*	
		For Gate With Double Barb Wire Arm, Add	*168.55*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-197.51*	
		For Aluminized Steel Gate And Post, Add	*505.64*	
		For Powder Coated Gate And Post, Add	*273.89*	
		For 1" Mesh Fabric, Add	*458.23*	
		For 1-1/4" Mesh Fabric, Add	*294.95*	
		For 1-3/4" Mesh Fabric, Add	*183.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-91.65*	
32 31 13 13-0370	EA	7' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,363.32	57.34
		For Gate With Single Barb Wire Arm, Add	*130.96*	
		For Gate With Double Barb Wire Arm, Add	*190.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-223.23*	
		For Aluminized Steel Gate And Post, Add	*571.48*	
		For Powder Coated Gate And Post, Add	*309.55*	
		For 1" Mesh Fabric, Add	*517.90*	
		For 1-1/4" Mesh Fabric, Add	*333.36*	
		For 1-3/4" Mesh Fabric, Add	*207.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-103.58*	
32 31 13 13-0371	EA	8' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,528.31	66.81
		For Gate With Single Barb Wire Arm, Add	*146.06*	
		For Gate With Double Barb Wire Arm, Add	*212.45*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-248.96*	
		For Aluminized Steel Gate And Post, Add	*637.34*	
		For Powder Coated Gate And Post, Add	*345.23*	
		For 1" Mesh Fabric, Add	*577.59*	
		For 1-1/4" Mesh Fabric, Add	*371.78*	
		For 1-3/4" Mesh Fabric, Add	*231.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-115.52*	
32 31 13 13-0372	EA	9' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,692.72	75.87
		For Gate With Single Barb Wire Arm, Add	*161.15*	
		For Gate With Double Barb Wire Arm, Add	*234.40*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-274.69*	
		For Aluminized Steel Gate And Post, Add	*703.20*	
		For Powder Coated Gate And Post, Add	*380.90*	
		For 1" Mesh Fabric, Add	*637.28*	
		For 1-1/4" Mesh Fabric, Add	*410.20*	
		For 1-3/4" Mesh Fabric, Add	*254.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-127.46*	
32 31 13 13-0373	EA	10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,858.16	85.25
		For Gate With Single Barb Wire Arm, Add	*176.24*	
		For Gate With Double Barb Wire Arm, Add	*256.36*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-300.42*	
		For Aluminized Steel Gate And Post, Add	*769.07*	
		For Powder Coated Gate And Post, Add	*416.58*	
		For 1" Mesh Fabric, Add	*696.97*	
		For 1-1/4" Mesh Fabric, Add	*448.62*	
		For 1-3/4" Mesh Fabric, Add	*278.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-139.39*	
32 31 13 13-0374	EA	10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,705.13	100.54
		For Gate With Single Barb Wire Arm, Add	*264.36*	
		For Gate With Double Barb Wire Arm, Add	*384.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-450.62*	
		For Aluminized Steel Gate And Post, Add	*1,153.58*	
		For Powder Coated Gate And Post, Add	*624.86*	
		For 1" Mesh Fabric, Add	*1,045.44*	
		For 1-1/4" Mesh Fabric, Add	*672.92*	
		For 1-3/4" Mesh Fabric, Add	*418.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-209.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0375	EA	12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,941.93	108.15
		For Gate With Single Barb Wire Arm, Add	*287.87*	
		For Gate With Double Barb Wire Arm, Add	*418.72*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-490.69*	
		For Aluminized Steel Gate And Post, Add	*1,256.16*	
		For Powder Coated Gate And Post, Add	*680.42*	
		For 1" Mesh Fabric, Add	*1,138.39*	
		For 1-1/4" Mesh Fabric, Add	*732.76*	
		For 1-3/4" Mesh Fabric, Add	*455.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-227.68*	
32 31 13 13-0376	EA	14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,353.62	117.30
		For Gate With Single Barb Wire Arm, Add	*330.16*	
		For Gate With Double Barb Wire Arm, Add	*480.24*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-562.78*	
		For Aluminized Steel Gate And Post, Add	*1,440.71*	
		For Powder Coated Gate And Post, Add	*780.38*	
		For 1" Mesh Fabric, Add	*1,305.64*	
		For 1-1/4" Mesh Fabric, Add	*840.41*	
		For 1-3/4" Mesh Fabric, Add	*522.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-261.13*	
32 31 13 13-0377	EA	16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,812.73	127.88
		For Gate With Single Barb Wire Arm, Add	*377.16*	
		For Gate With Double Barb Wire Arm, Add	*548.60*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-642.89*	
		For Aluminized Steel Gate And Post, Add	*1,645.80*	
		For Powder Coated Gate And Post, Add	*891.47*	
		For 1" Mesh Fabric, Add	*1,491.50*	
		For 1-1/4" Mesh Fabric, Add	*960.05*	
		For 1-3/4" Mesh Fabric, Add	*596.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-298.30*	
32 31 13 13-0378	EA	18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,278.56	140.71
		For Gate With Single Barb Wire Arm, Add	*424.16*	
		For Gate With Double Barb Wire Arm, Add	*616.96*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-723.00*	
		For Aluminized Steel Gate And Post, Add	*1,850.88*	
		For Powder Coated Gate And Post, Add	*1,002.56*	
		For 1" Mesh Fabric, Add	*1,677.36*	
		For 1-1/4" Mesh Fabric, Add	*1,079.68*	
		For 1-3/4" Mesh Fabric, Add	*670.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-335.47*	
32 31 13 13-0379	EA	20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,755.21	156.28
		For Gate With Single Barb Wire Arm, Add	*471.45*	
		For Gate With Double Barb Wire Arm, Add	*685.75*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-803.61*	
		For Aluminized Steel Gate And Post, Add	*2,057.25*	
		For Powder Coated Gate And Post, Add	*1,114.34*	
		For 1" Mesh Fabric, Add	*1,864.38*	
		For 1-1/4" Mesh Fabric, Add	*1,200.06*	
		For 1-3/4" Mesh Fabric, Add	*745.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-372.88*	
32 31 13 13-0380	EA	22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	5,244.06	175.89
		For Gate With Single Barb Wire Arm, Add	*518.74*	
		For Gate With Double Barb Wire Arm, Add	*754.54*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-884.22*	
		For Aluminized Steel Gate And Post, Add	*2,263.61*	
		For Powder Coated Gate And Post, Add	*1,226.12*	
		For 1" Mesh Fabric, Add	*2,051.40*	
		For 1-1/4" Mesh Fabric, Add	*1,320.44*	
		For 1-3/4" Mesh Fabric, Add	*820.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-410.28*	
32 31 13 13-0381	EA	24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	5,746.38	200.84
		For Gate With Single Barb Wire Arm, Add	*565.74*	
		For Gate With Double Barb Wire Arm, Add	*822.90*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-964.33*	
		For Aluminized Steel Gate And Post, Add	*2,468.69*	
		For Powder Coated Gate And Post, Add	*1,337.21*	
		For 1" Mesh Fabric, Add	*2,237.25*	
		For 1-1/4" Mesh Fabric, Add	*1,440.07*	
		For 1-3/4" Mesh Fabric, Add	*894.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-447.45*	
32 31 13 13-0382	EA	26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	6,274.63	234.48
		For Gate With Single Barb Wire Arm, Add	*612.74*	
		For Gate With Double Barb Wire Arm, Add	*891.26*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,044.44*	
		For Aluminized Steel Gate And Post, Add	*2,673.78*	
		For Powder Coated Gate And Post, Add	*1,448.30*	
		For 1" Mesh Fabric, Add	*2,423.11*	
		For 1-1/4" Mesh Fabric, Add	*1,559.70*	
		For 1-3/4" Mesh Fabric, Add	*969.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-484.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0383	EA	28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	6,842.00	281.19
		For Gate With Single Barb Wire Arm, Add	*659.74*	
		For Gate With Double Barb Wire Arm, Add	*959.62*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,124.56*	
		For Aluminized Steel Gate And Post, Add	*2,878.86*	
		For Powder Coated Gate And Post, Add	*1,559.38*	
		For 1" Mesh Fabric, Add	*2,608.97*	
		For 1-1/4" Mesh Fabric, Add	*1,679.34*	
		For 1-3/4" Mesh Fabric, Add	*1,043.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-521.79*	
32 31 13 13-0384	EA	30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	7,486.63	351.78
		For Gate With Single Barb Wire Arm, Add	*707.33*	
		For Gate With Double Barb Wire Arm, Add	*1,028.84*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,205.67*	
		For Aluminized Steel Gate And Post, Add	*3,086.51*	
		For Powder Coated Gate And Post, Add	*1,671.86*	
		For 1" Mesh Fabric, Add	*2,797.15*	
		For 1-1/4" Mesh Fabric, Add	*1,800.46*	
		For 1-3/4" Mesh Fabric, Add	*1,118.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-559.43*	
32 31 13 13-0385		**12' Fence Height** *(32 31 13 13-0264)*		
32 31 13 13-0386	EA	3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	872.23	41.41
		For Gate With Single Barb Wire Arm, Add	*82.26*	
		For Gate With Double Barb Wire Arm, Add	*119.65*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-140.22*	
		For Aluminized Steel Gate And Post, Add	*358.96*	
		For Powder Coated Gate And Post, Add	*194.44*	
		For 1" Mesh Fabric, Add	*325.31*	
		For 1-1/4" Mesh Fabric, Add	*209.39*	
		For 1-3/4" Mesh Fabric, Add	*130.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-65.06*	
32 31 13 13-0387	EA	4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,121.49	41.41
		For Gate With Single Barb Wire Arm, Add	*109.68*	
		For Gate With Double Barb Wire Arm, Add	*159.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-186.95*	
		For Aluminized Steel Gate And Post, Add	*478.60*	
		For Powder Coated Gate And Post, Add	*259.24*	
		For 1" Mesh Fabric, Add	*433.73*	
		For 1-1/4" Mesh Fabric, Add	*279.19*	
		For 1-3/4" Mesh Fabric, Add	*173.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-86.75*	
32 31 13 13-0388	EA	5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,301.70	42.92
		For Gate With Single Barb Wire Arm, Add	*129.00*	
		For Gate With Double Barb Wire Arm, Add	*187.64*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-219.89*	
		For Aluminized Steel Gate And Post, Add	*562.91*	
		For Powder Coated Gate And Post, Add	*304.91*	
		For 1" Mesh Fabric, Add	*510.14*	
		For 1-1/4" Mesh Fabric, Add	*328.36*	
		For 1-3/4" Mesh Fabric, Add	*204.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-102.03*	
32 31 13 13-0389	EA	6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,508.57	53.30
		For Gate With Single Barb Wire Arm, Add	*148.32*	
		For Gate With Double Barb Wire Arm, Add	*215.74*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-252.82*	
		For Aluminized Steel Gate And Post, Add	*647.21*	
		For Powder Coated Gate And Post, Add	*350.57*	
		For 1" Mesh Fabric, Add	*586.53*	
		For 1-1/4" Mesh Fabric, Add	*377.54*	
		For 1-3/4" Mesh Fabric, Add	*234.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-117.31*	
32 31 13 13-0390	EA	7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	697.34	63.79
		For Gate With Single Barb Wire Arm, Add	*55.65*	
		For Gate With Double Barb Wire Arm, Add	*80.94*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-94.85*	
		For Aluminized Steel Gate And Post, Add	*242.82*	
		For Powder Coated Gate And Post, Add	*131.53*	
		For 1" Mesh Fabric, Add	*220.06*	
		For 1-1/4" Mesh Fabric, Add	*141.65*	
		For 1-3/4" Mesh Fabric, Add	*88.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-44.01*	
32 31 13 13-0391	EA	8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	785.87	73.86
		For Gate With Single Barb Wire Arm, Add	*62.06*	
		For Gate With Double Barb Wire Arm, Add	*90.27*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-105.78*	
		For Aluminized Steel Gate And Post, Add	*270.80*	
		For Powder Coated Gate And Post, Add	*146.68*	
		For 1" Mesh Fabric, Add	*245.41*	
		For 1-1/4" Mesh Fabric, Add	*157.97*	
		For 1-3/4" Mesh Fabric, Add	*98.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-49.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0392	EA	9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	875.40	84.24
		For Gate With Single Barb Wire Arm, Add	*68.47*	
		For Gate With Double Barb Wire Arm, Add	*99.60*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-116.71*	
		For Aluminized Steel Gate And Post, Add	*298.79*	
		For Powder Coated Gate And Post, Add	*161.84*	
		For 1" Mesh Fabric, Add	*270.77*	
		For 1-1/4" Mesh Fabric, Add	*174.29*	
		For 1-3/4" Mesh Fabric, Add	*108.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-54.15*	
32 31 13 13-0393	EA	10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	964.93	94.62
		For Gate With Single Barb Wire Arm, Add	*74.88*	
		For Gate With Double Barb Wire Arm, Add	*108.92*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-127.64*	
		For Aluminized Steel Gate And Post, Add	*326.77*	
		For Powder Coated Gate And Post, Add	*177.00*	
		For 1" Mesh Fabric, Add	*296.13*	
		For 1-1/4" Mesh Fabric, Add	*190.62*	
		For 1-3/4" Mesh Fabric, Add	*118.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-59.23*	
32 31 13 13-0394	EA	10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,283.85	111.72
		For Gate With Single Barb Wire Arm, Add	*104.33*	
		For Gate With Double Barb Wire Arm, Add	*151.76*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-177.84*	
		For Aluminized Steel Gate And Post, Add	*455.28*	
		For Powder Coated Gate And Post, Add	*246.61*	
		For 1" Mesh Fabric, Add	*412.59*	
		For 1-1/4" Mesh Fabric, Add	*265.58*	
		For 1-3/4" Mesh Fabric, Add	*165.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-82.52*	
32 31 13 13-0395	EA	12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,403.41	120.28
		For Gate With Single Barb Wire Arm, Add	*114.67*	
		For Gate With Double Barb Wire Arm, Add	*166.79*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-195.46*	
		For Aluminized Steel Gate And Post, Add	*500.38*	
		For Powder Coated Gate And Post, Add	*271.04*	
		For 1" Mesh Fabric, Add	*453.47*	
		For 1-1/4" Mesh Fabric, Add	*291.89*	
		For 1-3/4" Mesh Fabric, Add	*181.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-90.69*	
32 31 13 13-0396	EA	14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,586.18	130.25
		For Gate With Single Barb Wire Arm, Add	*131.44*	
		For Gate With Double Barb Wire Arm, Add	*191.19*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-224.05*	
		For Aluminized Steel Gate And Post, Add	*573.56*	
		For Powder Coated Gate And Post, Add	*310.68*	
		For 1" Mesh Fabric, Add	*519.79*	
		For 1-1/4" Mesh Fabric, Add	*334.58*	
		For 1-3/4" Mesh Fabric, Add	*207.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-103.96*	
32 31 13 13-0397	EA	16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,791.85	142.02
		For Gate With Single Barb Wire Arm, Add	*150.16*	
		For Gate With Double Barb Wire Arm, Add	*218.42*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-255.96*	
		For Aluminized Steel Gate And Post, Add	*655.26*	
		For Powder Coated Gate And Post, Add	*354.93*	
		For 1" Mesh Fabric, Add	*593.83*	
		For 1-1/4" Mesh Fabric, Add	*382.23*	
		For 1-3/4" Mesh Fabric, Add	*237.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-118.77*	
32 31 13 13-0398	EA	18' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	5,094.34	156.40
		For Gate With Single Barb Wire Arm, Add	*508.76*	
		For Gate With Double Barb Wire Arm, Add	*740.01*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-867.20*	
		For Aluminized Steel Gate And Post, Add	*2,220.03*	
		For Powder Coated Gate And Post, Add	*1,202.52*	
		For 1" Mesh Fabric, Add	*2,011.90*	
		For 1-1/4" Mesh Fabric, Add	*1,295.02*	
		For 1-3/4" Mesh Fabric, Add	*804.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-402.38*	
32 31 13 13-0399	EA	20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	5,664.36	173.63
		For Gate With Single Barb Wire Arm, Add	*565.74*	
		For Gate With Double Barb Wire Arm, Add	*822.90*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-964.33*	
		For Aluminized Steel Gate And Post, Add	*2,468.69*	
		For Powder Coated Gate And Post, Add	*1,337.21*	
		For 1" Mesh Fabric, Add	*2,237.25*	
		For 1-1/4" Mesh Fabric, Add	*1,440.07*	
		For 1-3/4" Mesh Fabric, Add	*894.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-447.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0400	EA	22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	6,242.71	195.38
		For Gate With Single Barb Wire Arm, Add	*622.14*	
		For Gate With Double Barb Wire Arm, Add	*904.93*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,060.47*	
		For Aluminized Steel Gate And Post, Add	*2,714.79*	
		For Powder Coated Gate And Post, Add	*1,470.51*	
		For 1" Mesh Fabric, Add	*2,460.28*	
		For 1-1/4" Mesh Fabric, Add	*1,583.63*	
		For 1-3/4" Mesh Fabric, Add	*984.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-492.06*	
32 31 13 13-0401	EA	24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	6,844.18	223.19
		For Gate With Single Barb Wire Arm, Add	*679.13*	
		For Gate With Double Barb Wire Arm, Add	*987.82*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,157.60*	
		For Aluminized Steel Gate And Post, Add	*2,963.46*	
		For Powder Coated Gate And Post, Add	*1,605.21*	
		For 1" Mesh Fabric, Add	*2,685.63*	
		For 1-1/4" Mesh Fabric, Add	*1,728.68*	
		For 1-3/4" Mesh Fabric, Add	*1,074.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-537.13*	
32 31 13 13-0402	EA	26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	7,463.76	260.63
		For Gate With Single Barb Wire Arm, Add	*734.94*	
		For Gate With Double Barb Wire Arm, Add	*1,069.00*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,252.73*	
		For Aluminized Steel Gate And Post, Add	*3,207.00*	
		For Powder Coated Gate And Post, Add	*1,737.12*	
		For 1" Mesh Fabric, Add	*2,906.34*	
		For 1-1/4" Mesh Fabric, Add	*1,870.75*	
		For 1-3/4" Mesh Fabric, Add	*1,162.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-581.27*	
32 31 13 13-0403	EA	28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	8,132.14	312.44
		For Gate With Single Barb Wire Arm, Add	*791.33*	
		For Gate With Double Barb Wire Arm, Add	*1,151.03*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,348.87*	
		For Aluminized Steel Gate And Post, Add	*3,453.10*	
		For Powder Coated Gate And Post, Add	*1,870.43*	
		For 1" Mesh Fabric, Add	*3,129.37*	
		For 1-1/4" Mesh Fabric, Add	*2,014.31*	
		For 1-3/4" Mesh Fabric, Add	*1,251.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-625.87*	
32 31 13 13-0404	EA	30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	8,885.78	390.88
		For Gate With Single Barb Wire Arm, Add	*848.32*	
		For Gate With Double Barb Wire Arm, Add	*1,233.92*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,446.00*	
		For Aluminized Steel Gate And Post, Add	*3,701.76*	
		For Powder Coated Gate And Post, Add	*2,005.12*	
		For 1" Mesh Fabric, Add	*3,354.72*	
		For 1-1/4" Mesh Fabric, Add	*2,159.36*	
		For 1-3/4" Mesh Fabric, Add	*1,341.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-670.94*	

32 31 13 13-0405 Vinyl Coated Without Barb Wire Arm *(32 31 13 13-0263)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 13-0406 4' Fence Height *(32 31 13 13-0405)*

32 31 13 13-0407	EA	3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	193.88	25.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-22.18*	
		For 1" Mesh Fabric, Add	*51.46*	
		For 1-1/4" Mesh Fabric, Add	*33.12*	
		For 1-3/4" Mesh Fabric, Add	*20.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-10.29*	
		For Gate With Single Barb Wire Arm, Add	*13.01*	
		For Gate With Double Barb Wire Arm, Add	*18.93*	
32 31 13 13-0408	EA	4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	233.31	25.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-29.57*	
		For 1" Mesh Fabric, Add	*68.61*	
		For 1-1/4" Mesh Fabric, Add	*44.16*	
		For 1-3/4" Mesh Fabric, Add	*27.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-13.72*	
		For Gate With Single Barb Wire Arm, Add	*17.35*	
		For Gate With Double Barb Wire Arm, Add	*25.24*	
32 31 13 13-0409	EA	5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	271.22	26.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-35.74*	
		For 1" Mesh Fabric, Add	*82.91*	
		For 1-1/4" Mesh Fabric, Add	*53.37*	
		For 1-3/4" Mesh Fabric, Add	*33.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.58*	
		For Gate With Single Barb Wire Arm, Add	*20.97*	
		For Gate With Double Barb Wire Arm, Add	*30.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0410	EA	6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	320.20	32.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-41.90*	
		For 1" Mesh Fabric, Add	*97.21*	
		For 1-1/4" Mesh Fabric, Add	*62.57*	
		For 1-3/4" Mesh Fabric, Add	*38.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-19.44*	
		For Gate With Single Barb Wire Arm, Add	*24.58*	
		For Gate With Double Barb Wire Arm, Add	*35.75*	
32 31 13 13-0411	EA	7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	369.16	37.58
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-48.06*	
		For 1" Mesh Fabric, Add	*111.49*	
		For 1-1/4" Mesh Fabric, Add	*71.77*	
		For 1-3/4" Mesh Fabric, Add	*44.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-22.30*	
		For Gate With Single Barb Wire Arm, Add	*28.19*	
		For Gate With Double Barb Wire Arm, Add	*41.01*	
32 31 13 13-0412	EA	8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	418.16	42.92
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-54.22*	
		For 1" Mesh Fabric, Add	*125.80*	
		For 1-1/4" Mesh Fabric, Add	*80.97*	
		For 1-3/4" Mesh Fabric, Add	*50.32*	
		For 2-1/8" Mesh Fabric, Deduct	*-25.16*	
		For Gate With Single Barb Wire Arm, Add	*31.81*	
		For Gate With Double Barb Wire Arm, Add	*46.27*	
32 31 13 13-0413	EA	9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	467.14	48.37
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-60.38*	
		For 1" Mesh Fabric, Add	*140.09*	
		For 1-1/4" Mesh Fabric, Add	*90.17*	
		For 1-3/4" Mesh Fabric, Add	*56.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-28.02*	
		For Gate With Single Barb Wire Arm, Add	*35.42*	
		For Gate With Double Barb Wire Arm, Add	*51.53*	
32 31 13 13-0414	EA	10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	516.12	53.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-66.54*	
		For 1" Mesh Fabric, Add	*154.38*	
		For 1-1/4" Mesh Fabric, Add	*99.37*	
		For 1-3/4" Mesh Fabric, Add	*61.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-30.88*	
		For Gate With Single Barb Wire Arm, Add	*39.04*	
		For Gate With Double Barb Wire Arm, Add	*56.78*	
32 31 13 13-0415	EA	10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	634.42	53.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-88.73*	
		For 1" Mesh Fabric, Add	*205.84*	
		For 1-1/4" Mesh Fabric, Add	*132.50*	
		For 1-3/4" Mesh Fabric, Add	*82.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-41.17*	
		For Gate With Single Barb Wire Arm, Add	*52.05*	
		For Gate With Double Barb Wire Arm, Add	*75.71*	
32 31 13 13-0416	EA	12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	740.59	57.53
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-106.47*	
		For 1" Mesh Fabric, Add	*247.01*	
		For 1-1/4" Mesh Fabric, Add	*159.00*	
		For 1-3/4" Mesh Fabric, Add	*98.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-49.40*	
		For Gate With Single Barb Wire Arm, Add	*62.46*	
		For Gate With Double Barb Wire Arm, Add	*90.86*	
32 31 13 13-0417	EA	14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	848.52	61.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-124.22*	
		For 1" Mesh Fabric, Add	*288.18*	
		For 1-1/4" Mesh Fabric, Add	*185.50*	
		For 1-3/4" Mesh Fabric, Add	*115.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-57.64*	
		For Gate With Single Barb Wire Arm, Add	*72.87*	
		For Gate With Double Barb Wire Arm, Add	*106.00*	
32 31 13 13-0418	EA	16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	958.66	67.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-141.96*	
		For 1" Mesh Fabric, Add	*329.35*	
		For 1-1/4" Mesh Fabric, Add	*212.00*	
		For 1-3/4" Mesh Fabric, Add	*131.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-65.87*	
		For Gate With Single Barb Wire Arm, Add	*83.28*	
		For Gate With Double Barb Wire Arm, Add	*121.14*	
32 31 13 13-0419	EA	18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,105.31	84.38
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-159.71*	
		For 1" Mesh Fabric, Add	*370.52*	
		For 1-1/4" Mesh Fabric, Add	*238.50*	
		For 1-3/4" Mesh Fabric, Add	*148.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-74.10*	
		For Gate With Single Barb Wire Arm, Add	*93.69*	
		For Gate With Double Barb Wire Arm, Add	*136.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0420	EA	20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,218.06	90.44
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-177.45*	
		For 1" Mesh Fabric, Add	*411.69*	
		For 1-1/4" Mesh Fabric, Add	*264.99*	
		For 1-3/4" Mesh Fabric, Add	*164.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-82.34*	
		For Gate With Single Barb Wire Arm, Add	*104.11*	
		For Gate With Double Barb Wire Arm, Add	*151.43*	
32 31 13 13-0421	EA	22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,333.59	97.45
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-195.20*	
		For 1" Mesh Fabric, Add	*452.86*	
		For 1-1/4" Mesh Fabric, Add	*291.49*	
		For 1-3/4" Mesh Fabric, Add	*181.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-90.57*	
		For Gate With Single Barb Wire Arm, Add	*114.52*	
		For Gate With Double Barb Wire Arm, Add	*166.57*	
32 31 13 13-0422	EA	24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,452.61	105.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-212.94*	
		For 1" Mesh Fabric, Add	*494.03*	
		For 1-1/4" Mesh Fabric, Add	*317.99*	
		For 1-3/4" Mesh Fabric, Add	*197.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-98.81*	
		For Gate With Single Barb Wire Arm, Add	*124.93*	
		For Gate With Double Barb Wire Arm, Add	*181.71*	
32 31 13 13-0423	EA	26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,576.06	115.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-230.69*	
		For 1" Mesh Fabric, Add	*535.19*	
		For 1-1/4" Mesh Fabric, Add	*344.49*	
		For 1-3/4" Mesh Fabric, Add	*214.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-107.04*	
		For Gate With Single Barb Wire Arm, Add	*135.34*	
		For Gate With Double Barb Wire Arm, Add	*196.85*	
32 31 13 13-0424	EA	28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,705.28	126.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-248.43*	
		For 1" Mesh Fabric, Add	*576.36*	
		For 1-1/4" Mesh Fabric, Add	*370.99*	
		For 1-3/4" Mesh Fabric, Add	*230.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-115.27*	
		For Gate With Single Barb Wire Arm, Add	*145.75*	
		For Gate With Double Barb Wire Arm, Add	*212.00*	
32 31 13 13-0425	EA	30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,842.17	140.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-266.18*	
		For 1" Mesh Fabric, Add	*617.53*	
		For 1-1/4" Mesh Fabric, Add	*397.49*	
		For 1-3/4" Mesh Fabric, Add	*247.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-123.51*	
		For Gate With Single Barb Wire Arm, Add	*156.16*	
		For Gate With Double Barb Wire Arm, Add	*227.14*	
32 31 13 13-0426		5' Fence Height *(32 31 13 13-0405)*		
32 31 13 13-0427	EA	3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	227.21	26.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-27.49*	
		For 1" Mesh Fabric, Add	*63.77*	
		For 1-1/4" Mesh Fabric, Add	*41.05*	
		For 1-3/4" Mesh Fabric, Add	*25.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-12.75*	
		For Gate With Single Barb Wire Arm, Add	*16.12*	
		For Gate With Double Barb Wire Arm, Add	*23.45*	
32 31 13 13-0428	EA	4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	276.08	26.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-36.65*	
		For 1" Mesh Fabric, Add	*85.03*	
		For 1-1/4" Mesh Fabric, Add	*54.73*	
		For 1-3/4" Mesh Fabric, Add	*34.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-17.01*	
		For Gate With Single Barb Wire Arm, Add	*21.50*	
		For Gate With Double Barb Wire Arm, Add	*31.27*	
32 31 13 13-0429	EA	5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	317.76	28.52
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-43.52*	
		For 1" Mesh Fabric, Add	*100.97*	
		For 1-1/4" Mesh Fabric, Add	*64.99*	
		For 1-3/4" Mesh Fabric, Add	*40.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-20.19*	
		For Gate With Single Barb Wire Arm, Add	*25.53*	
		For Gate With Double Barb Wire Arm, Add	*37.14*	
32 31 13 13-0430	EA	6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	371.53	34.26
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-50.39*	
		For 1" Mesh Fabric, Add	*116.91*	
		For 1-1/4" Mesh Fabric, Add	*75.25*	
		For 1-3/4" Mesh Fabric, Add	*46.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-23.38*	
		For Gate With Single Barb Wire Arm, Add	*29.56*	
		For Gate With Double Barb Wire Arm, Add	*43.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0431	EA	7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	425.32	39.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-57.26*	
		For 1" Mesh Fabric, Add	*132.85*	
		For 1-1/4" Mesh Fabric, Add	*85.51*	
		For 1-3/4" Mesh Fabric, Add	*53.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.57*	
		For Gate With Single Barb Wire Arm, Add	*33.60*	
		For Gate With Double Barb Wire Arm, Add	*48.87*	
32 31 13 13-0432	EA	8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	480.10	45.94
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-64.13*	
		For 1" Mesh Fabric, Add	*148.79*	
		For 1-1/4" Mesh Fabric, Add	*95.77*	
		For 1-3/4" Mesh Fabric, Add	*59.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.76*	
		For Gate With Single Barb Wire Arm, Add	*37.63*	
		For Gate With Double Barb Wire Arm, Add	*54.73*	
32 31 13 13-0433	EA	9 Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	533.88	51.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-71.01*	
		For 1" Mesh Fabric, Add	*164.73*	
		For 1-1/4" Mesh Fabric, Add	*106.04*	
		For 1-3/4" Mesh Fabric, Add	*65.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.95*	
		For Gate With Single Barb Wire Arm, Add	*41.66*	
		For Gate With Double Barb Wire Arm, Add	*60.59*	
32 31 13 13-0434	EA	10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	587.65	57.34
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-77.88*	
		For 1" Mesh Fabric, Add	*180.67*	
		For 1-1/4" Mesh Fabric, Add	*116.30*	
		For 1-3/4" Mesh Fabric, Add	*72.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-36.13*	
		For Gate With Single Barb Wire Arm, Add	*45.69*	
		For Gate With Double Barb Wire Arm, Add	*66.45*	
32 31 13 13-0435	EA	10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	759.10	57.53
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-109.94*	
		For 1" Mesh Fabric, Add	*255.07*	
		For 1-1/4" Mesh Fabric, Add	*164.18*	
		For 1-3/4" Mesh Fabric, Add	*102.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-51.01*	
		For Gate With Single Barb Wire Arm, Add	*64.50*	
		For Gate With Double Barb Wire Arm, Add	*93.82*	
32 31 13 13-0436	EA	12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	889.67	61.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-131.93*	
		For 1" Mesh Fabric, Add	*306.08*	
		For 1-1/4" Mesh Fabric, Add	*197.02*	
		For 1-3/4" Mesh Fabric, Add	*122.43*	
		For 2-1/8" Mesh Fabric, Deduct	*-61.22*	
		For Gate With Single Barb Wire Arm, Add	*77.40*	
		For Gate With Double Barb Wire Arm, Add	*112.58*	
32 31 13 13-0437	EA	14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,022.44	67.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-153.92*	
		For 1" Mesh Fabric, Add	*357.10*	
		For 1-1/4" Mesh Fabric, Add	*229.85*	
		For 1-3/4" Mesh Fabric, Add	*142.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-71.42*	
		For Gate With Single Barb Wire Arm, Add	*90.30*	
		For Gate With Double Barb Wire Arm, Add	*131.35*	
32 31 13 13-0438	EA	16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,191.72	84.38
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-175.91*	
		For 1" Mesh Fabric, Add	*408.11*	
		For 1-1/4" Mesh Fabric, Add	*262.69*	
		For 1-3/4" Mesh Fabric, Add	*163.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-81.62*	
		For Gate With Single Barb Wire Arm, Add	*103.20*	
		For Gate With Double Barb Wire Arm, Add	*150.11*	
32 31 13 13-0439	EA	18 Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,327.10	90.44
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-197.90*	
		For 1" Mesh Fabric, Add	*459.12*	
		For 1-1/4" Mesh Fabric, Add	*295.53*	
		For 1-3/4" Mesh Fabric, Add	*183.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-91.82*	
		For Gate With Single Barb Wire Arm, Add	*116.10*	
		For Gate With Double Barb Wire Arm, Add	*168.87*	
32 31 13 13-0440	EA	20' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,465.27	97.45
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-219.89*	
		For 1" Mesh Fabric, Add	*510.14*	
		For 1-1/4" Mesh Fabric, Add	*328.36*	
		For 1-3/4" Mesh Fabric, Add	*204.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-102.03*	
		For Gate With Single Barb Wire Arm, Add	*129.00*	
		For Gate With Double Barb Wire Arm, Add	*187.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0441	EA	22' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,606.92	105.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-241.88*	
		For 1" Mesh Fabric, Add	*561.15*	
		For 1-1/4" Mesh Fabric, Add	*361.20*	
		For 1-3/4" Mesh Fabric, Add	*224.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-112.23*	
		For Gate With Single Barb Wire Arm, Add	*141.90*	
		For Gate With Double Barb Wire Arm, Add	*206.40*	
32 31 13 13-0442	EA	24' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,753.00	115.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-263.86*	
		For 1" Mesh Fabric, Add	*612.16*	
		For 1-1/4" Mesh Fabric, Add	*394.04*	
		For 1-3/4" Mesh Fabric, Add	*244.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-122.43*	
		For Gate With Single Barb Wire Arm, Add	*154.80*	
		For Gate With Double Barb Wire Arm, Add	*225.16*	
32 31 13 13-0443	EA	26' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,904.86	126.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-285.85*	
		For 1" Mesh Fabric, Add	*663.18*	
		For 1-1/4" Mesh Fabric, Add	*426.87*	
		For 1-3/4" Mesh Fabric, Add	*265.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-132.64*	
		For Gate With Single Barb Wire Arm, Add	*167.70*	
		For Gate With Double Barb Wire Arm, Add	*243.93*	
32 31 13 13-0444	EA	28' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,064.38	140.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-307.84*	
		For 1" Mesh Fabric, Add	*714.19*	
		For 1-1/4" Mesh Fabric, Add	*459.71*	
		For 1-3/4" Mesh Fabric, Add	*285.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-142.84*	
		For Gate With Single Barb Wire Arm, Add	*180.60*	
		For Gate With Double Barb Wire Arm, Add	*262.69*	
32 31 13 13-0445	EA	30' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,234.48	158.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-329.83*	
		For 1" Mesh Fabric, Add	*765.20*	
		For 1-1/4" Mesh Fabric, Add	*492.55*	
		For 1-3/4" Mesh Fabric, Add	*306.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-153.04*	
		For Gate With Single Barb Wire Arm, Add	*193.50*	
		For Gate With Double Barb Wire Arm, Add	*281.45*	
32 31 13 13-0446		6' Fence Height *(32 31 13 13-0405)*		
32 31 13 13-0447	EA	3' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	243.03	28.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-29.37*	
		For 1" Mesh Fabric, Add	*68.15*	
		For 1-1/4" Mesh Fabric, Add	*43.86*	
		For 1-3/4" Mesh Fabric, Add	*27.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-13.63*	
		For Gate With Single Barb Wire Arm, Add	*17.23*	
		For Gate With Double Barb Wire Arm, Add	*25.07*	
32 31 13 13-0448	EA	4' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	295.26	28.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-39.17*	
		For 1" Mesh Fabric, Add	*90.87*	
		For 1-1/4" Mesh Fabric, Add	*58.49*	
		For 1-3/4" Mesh Fabric, Add	*36.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-18.17*	
		For Gate With Single Barb Wire Arm, Add	*22.98*	
		For Gate With Double Barb Wire Arm, Add	*33.42*	
32 31 13 13-0449	EA	5' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	339.76	30.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-46.51*	
		For 1" Mesh Fabric, Add	*107.91*	
		For 1-1/4" Mesh Fabric, Add	*69.46*	
		For 1-3/4" Mesh Fabric, Add	*43.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.58*	
		For Gate With Single Barb Wire Arm, Add	*27.29*	
		For Gate With Double Barb Wire Arm, Add	*39.69*	
32 31 13 13-0450	EA	6' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	398.06	36.88
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-53.85*	
		For 1" Mesh Fabric, Add	*124.94*	
		For 1-1/4" Mesh Fabric, Add	*80.42*	
		For 1-3/4" Mesh Fabric, Add	*49.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-24.99*	
		For Gate With Single Barb Wire Arm, Add	*31.59*	
		For Gate With Double Barb Wire Arm, Add	*45.96*	
32 31 13 13-0451	EA	7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	456.38	43.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-61.20*	
		For 1" Mesh Fabric, Add	*141.98*	
		For 1-1/4" Mesh Fabric, Add	*91.39*	
		For 1-3/4" Mesh Fabric, Add	*56.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-28.40*	
		For Gate With Single Barb Wire Arm, Add	*35.90*	
		For Gate With Double Barb Wire Arm, Add	*52.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0452	EA	8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	513.67	49.37
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-68.54*	
		For 1" Mesh Fabric, Add	*159.01*	
		For 1-1/4" Mesh Fabric, Add	*102.35*	
		For 1-3/4" Mesh Fabric, Add	*63.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-31.80*	
		For Gate With Single Barb Wire Arm, Add	*40.21*	
		For Gate With Double Barb Wire Arm, Add	*58.49*	
32 31 13 13-0453	EA	9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	571.99	55.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-75.89*	
		For 1" Mesh Fabric, Add	*176.05*	
		For 1-1/4" Mesh Fabric, Add	*113.32*	
		For 1-3/4" Mesh Fabric, Add	*70.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-35.21*	
		For Gate With Single Barb Wire Arm, Add	*44.52*	
		For Gate With Double Barb Wire Arm, Add	*64.76*	
32 31 13 13-0454	EA	10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	630.30	62.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-83.23*	
		For 1" Mesh Fabric, Add	*193.09*	
		For 1-1/4" Mesh Fabric, Add	*124.29*	
		For 1-3/4" Mesh Fabric, Add	*77.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-38.62*	
		For Gate With Single Barb Wire Arm, Add	*48.83*	
		For Gate With Double Barb Wire Arm, Add	*71.02*	
32 31 13 13-0455	EA	10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	812.69	61.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-117.50*	
		For 1" Mesh Fabric, Add	*272.60*	
		For 1-1/4" Mesh Fabric, Add	*175.46*	
		For 1-3/4" Mesh Fabric, Add	*109.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-54.52*	
		For Gate With Single Barb Wire Arm, Add	*68.93*	
		For Gate With Double Barb Wire Arm, Add	*100.27*	
32 31 13 13-0456	EA	12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	953.52	67.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-141.00*	
		For 1" Mesh Fabric, Add	*327.12*	
		For 1-1/4" Mesh Fabric, Add	*210.56*	
		For 1-3/4" Mesh Fabric, Add	*130.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-65.42*	
		For Gate With Single Barb Wire Arm, Add	*82.72*	
		For Gate With Double Barb Wire Arm, Add	*120.32*	
32 31 13 13-0457	EA	14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,148.97	90.44
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-164.50*	
		For 1" Mesh Fabric, Add	*381.63*	
		For 1-1/4" Mesh Fabric, Add	*245.65*	
		For 1-3/4" Mesh Fabric, Add	*152.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-76.33*	
		For Gate With Single Barb Wire Arm, Add	*96.51*	
		For Gate With Double Barb Wire Arm, Add	*140.37*	
32 31 13 13-0458	EA	16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,295.19	97.45
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-188.00*	
		For 1" Mesh Fabric, Add	*436.15*	
		For 1-1/4" Mesh Fabric, Add	*280.74*	
		For 1-3/4" Mesh Fabric, Add	*174.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-87.23*	
		For Gate With Single Barb Wire Arm, Add	*110.29*	
		For Gate With Double Barb Wire Arm, Add	*160.42*	
32 31 13 13-0459	EA	18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,444.90	105.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-211.50*	
		For 1" Mesh Fabric, Add	*490.67*	
		For 1-1/4" Mesh Fabric, Add	*315.83*	
		For 1-3/4" Mesh Fabric, Add	*196.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-98.13*	
		For Gate With Single Barb Wire Arm, Add	*124.08*	
		For Gate With Double Barb Wire Arm, Add	*180.48*	
32 31 13 13-0460	EA	20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,622.20	115.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-239.34*	
		For 1" Mesh Fabric, Add	*555.26*	
		For 1-1/4" Mesh Fabric, Add	*357.41*	
		For 1-3/4" Mesh Fabric, Add	*222.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-111.05*	
		For Gate With Single Barb Wire Arm, Add	*140.41*	
		For Gate With Double Barb Wire Arm, Add	*204.24*	
32 31 13 13-0461	EA	22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,763.16	126.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-259.28*	
		For 1" Mesh Fabric, Add	*601.54*	
		For 1-1/4" Mesh Fabric, Add	*387.20*	
		For 1-3/4" Mesh Fabric, Add	*240.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-120.31*	
		For Gate With Single Barb Wire Arm, Add	*152.11*	
		For Gate With Double Barb Wire Arm, Add	*221.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0462	EA	24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,926.53	140.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-281.99*	
		For 1" Mesh Fabric, Add	*654.23*	
		For 1-1/4" Mesh Fabric, Add	*421.11*	
		For 1-3/4" Mesh Fabric, Add	*261.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-130.85*	
		For Gate With Single Barb Wire Arm, Add	*165.44*	
		For Gate With Double Barb Wire Arm, Add	*240.64*	
32 31 13 13-0463	EA	26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,104.70	158.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-305.50*	
		For 1" Mesh Fabric, Add	*708.75*	
		For 1-1/4" Mesh Fabric, Add	*456.21*	
		For 1-3/4" Mesh Fabric, Add	*283.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-141.75*	
		For Gate With Single Barb Wire Arm, Add	*179.22*	
		For Gate With Double Barb Wire Arm, Add	*260.69*	
32 31 13 13-0464	EA	28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,297.93	180.88
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-329.00*	
		For 1" Mesh Fabric, Add	*763.27*	
		For 1-1/4" Mesh Fabric, Add	*491.30*	
		For 1-3/4" Mesh Fabric, Add	*305.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-152.65*	
		For Gate With Single Barb Wire Arm, Add	*193.01*	
		For Gate With Double Barb Wire Arm, Add	*280.74*	
32 31 13 13-0465	EA	30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,513.81	211.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-352.49*	
		For 1" Mesh Fabric, Add	*817.79*	
		For 1-1/4" Mesh Fabric, Add	*526.39*	
		For 1-3/4" Mesh Fabric, Add	*327.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-163.56*	
		For Gate With Single Barb Wire Arm, Add	*206.80*	
		For Gate With Double Barb Wire Arm, Add	*300.80*	
32 31 13 13-0466		7' Fence Height *(32 31 13 13-0405)*		
32 31 13 13-0467	EA	3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	257.57	30.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-30.85*	
		For 1" Mesh Fabric, Add	*71.58*	
		For 1-1/4" Mesh Fabric, Add	*46.07*	
		For 1-3/4" Mesh Fabric, Add	*28.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-14.32*	
		For Gate With Single Barb Wire Arm, Add	*18.10*	
		For Gate With Double Barb Wire Arm, Add	*26.33*	
32 31 13 13-0468	EA	4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	312.42	30.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-41.14*	
		For 1" Mesh Fabric, Add	*95.44*	
		For 1-1/4" Mesh Fabric, Add	*61.43*	
		For 1-3/4" Mesh Fabric, Add	*38.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-19.09*	
		For Gate With Single Barb Wire Arm, Add	*24.13*	
		For Gate With Double Barb Wire Arm, Add	*35.10*	
32 31 13 13-0469	EA	5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	358.29	32.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-48.85*	
		For 1" Mesh Fabric, Add	*113.34*	
		For 1-1/4" Mesh Fabric, Add	*72.95*	
		For 1-3/4" Mesh Fabric, Add	*45.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-22.67*	
		For Gate With Single Barb Wire Arm, Add	*28.66*	
		For Gate With Double Barb Wire Arm, Add	*41.69*	
32 31 13 13-0470	EA	6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	420.60	39.60
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.57*	
		For 1" Mesh Fabric, Add	*131.24*	
		For 1-1/4" Mesh Fabric, Add	*84.47*	
		For 1-3/4" Mesh Fabric, Add	*52.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.25*	
		For Gate With Single Barb Wire Arm, Add	*33.19*	
		For Gate With Double Barb Wire Arm, Add	*48.27*	
32 31 13 13-0471	EA	7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	481.88	46.35
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-64.28*	
		For 1" Mesh Fabric, Add	*149.13*	
		For 1-1/4" Mesh Fabric, Add	*95.99*	
		For 1-3/4" Mesh Fabric, Add	*59.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.83*	
		For Gate With Single Barb Wire Arm, Add	*37.71*	
		For Gate With Double Barb Wire Arm, Add	*54.85*	
32 31 13 13-0472	EA	8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	544.20	53.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-72.00*	
		For 1" Mesh Fabric, Add	*167.03*	
		For 1-1/4" Mesh Fabric, Add	*107.51*	
		For 1-3/4" Mesh Fabric, Add	*66.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.41*	
		For Gate With Single Barb Wire Arm, Add	*42.24*	
		For Gate With Double Barb Wire Arm, Add	*61.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0473	EA	9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	605.48	60.06
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-79.71*	
		For 1" Mesh Fabric, Add	*184.92*	
		For 1-1/4" Mesh Fabric, Add	*119.03*	
		For 1-3/4" Mesh Fabric, Add	*73.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-36.98*	
		For Gate With Single Barb Wire Arm, Add	*46.76*	
		For Gate With Double Barb Wire Arm, Add	*68.02*	
32 31 13 13-0474	EA	10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	667.78	67.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-87.42*	
		For 1" Mesh Fabric, Add	*202.82*	
		For 1-1/4" Mesh Fabric, Add	*130.55*	
		For 1-3/4" Mesh Fabric, Add	*81.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-40.56*	
		For Gate With Single Barb Wire Arm, Add	*51.29*	
		For Gate With Double Barb Wire Arm, Add	*74.60*	
32 31 13 13-0475	EA	10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	859.76	67.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-123.42*	
		For 1" Mesh Fabric, Add	*286.33*	
		For 1-1/4" Mesh Fabric, Add	*184.30*	
		For 1-3/4" Mesh Fabric, Add	*114.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-57.27*	
		For Gate With Single Barb Wire Arm, Add	*72.41*	
		For Gate With Double Barb Wire Arm, Add	*105.32*	
32 31 13 13-0476	EA	12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,061.50	90.44
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-148.10*	
		For 1" Mesh Fabric, Add	*343.58*	
		For 1-1/4" Mesh Fabric, Add	*221.16*	
		For 1-3/4" Mesh Fabric, Add	*137.43*	
		For 2-1/8" Mesh Fabric, Deduct	*-68.72*	
		For Gate With Single Barb Wire Arm, Add	*86.88*	
		For Gate With Double Barb Wire Arm, Add	*126.38*	
32 31 13 13-0477	EA	14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,214.05	97.45
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-172.78*	
		For 1" Mesh Fabric, Add	*400.86*	
		For 1-1/4" Mesh Fabric, Add	*258.02*	
		For 1-3/4" Mesh Fabric, Add	*160.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-80.17*	
		For Gate With Single Barb Wire Arm, Add	*101.37*	
		For Gate With Double Barb Wire Arm, Add	*147.44*	
32 31 13 13-0478	EA	16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,370.06	105.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-197.46*	
		For 1" Mesh Fabric, Add	*458.12*	
		For 1-1/4" Mesh Fabric, Add	*294.88*	
		For 1-3/4" Mesh Fabric, Add	*183.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-91.62*	
		For Gate With Single Barb Wire Arm, Add	*115.85*	
		For Gate With Double Barb Wire Arm, Add	*168.50*	
32 31 13 13-0479	EA	18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,530.52	115.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-222.15*	
		For 1" Mesh Fabric, Add	*515.38*	
		For 1-1/4" Mesh Fabric, Add	*331.74*	
		For 1-3/4" Mesh Fabric, Add	*206.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-103.08*	
		For Gate With Single Barb Wire Arm, Add	*130.33*	
		For Gate With Double Barb Wire Arm, Add	*189.57*	
32 31 13 13-0480	EA	20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,696.73	126.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-246.83*	
		For 1" Mesh Fabric, Add	*572.64*	
		For 1-1/4" Mesh Fabric, Add	*368.60*	
		For 1-3/4" Mesh Fabric, Add	*229.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-114.53*	
		For Gate With Single Barb Wire Arm, Add	*144.81*	
		For Gate With Double Barb Wire Arm, Add	*210.63*	
32 31 13 13-0481	EA	22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,870.61	140.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-271.51*	
		For 1" Mesh Fabric, Add	*629.90*	
		For 1-1/4" Mesh Fabric, Add	*405.45*	
		For 1-3/4" Mesh Fabric, Add	*251.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-125.98*	
		For Gate With Single Barb Wire Arm, Add	*159.29*	
		For Gate With Double Barb Wire Arm, Add	*231.69*	
32 31 13 13-0482	EA	24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,055.09	158.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-296.19*	
		For 1" Mesh Fabric, Add	*687.17*	
		For 1-1/4" Mesh Fabric, Add	*442.32*	
		For 1-3/4" Mesh Fabric, Add	*274.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-137.43*	
		For Gate With Single Barb Wire Arm, Add	*173.77*	
		For Gate With Double Barb Wire Arm, Add	*252.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0483	EA	26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,254.65	180.88
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-320.88*	
		For 1" Mesh Fabric, Add	*744.44*	
		For 1-1/4" Mesh Fabric, Add	*479.18*	
		For 1-3/4" Mesh Fabric, Add	*297.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-148.89*	
		For Gate With Single Barb Wire Arm, Add	*188.25*	
		For Gate With Double Barb Wire Arm, Add	*273.82*	
32 31 13 13-0484	EA	28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,476.83	211.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-345.56*	
		For 1" Mesh Fabric, Add	*801.70*	
		For 1-1/4" Mesh Fabric, Add	*516.04*	
		For 1-3/4" Mesh Fabric, Add	*320.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-160.34*	
		For Gate With Single Barb Wire Arm, Add	*202.73*	
		For Gate With Double Barb Wire Arm, Add	*294.88*	
32 31 13 13-0485	EA	30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,735.26	253.26
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-370.25*	
		For 1" Mesh Fabric, Add	*858.97*	
		For 1-1/4" Mesh Fabric, Add	*552.90*	
		For 1-3/4" Mesh Fabric, Add	*343.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-171.79*	
		For Gate With Single Barb Wire Arm, Add	*217.21*	
		For Gate With Double Barb Wire Arm, Add	*315.94*	
32 31 13 13-0486		**8' Fence Height** *(32 31 13 13-0405)*		
32 31 13 13-0487	EA	3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	300.22	33.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-37.40*	
		For 1" Mesh Fabric, Add	*86.76*	
		For 1-1/4" Mesh Fabric, Add	*55.85*	
		For 1-3/4" Mesh Fabric, Add	*34.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-17.35*	
		For Gate With Single Barb Wire Arm, Add	*21.94*	
		For Gate With Double Barb Wire Arm, Add	*31.91*	
32 31 13 13-0488	EA	4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	366.70	33.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-49.86*	
		For 1" Mesh Fabric, Add	*115.68*	
		For 1-1/4" Mesh Fabric, Add	*74.46*	
		For 1-3/4" Mesh Fabric, Add	*46.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-23.14*	
		For Gate With Single Barb Wire Arm, Add	*29.25*	
		For Gate With Double Barb Wire Arm, Add	*42.55*	
32 31 13 13-0489	EA	5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	411.02	33.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-58.17*	
		For 1" Mesh Fabric, Add	*134.96*	
		For 1-1/4" Mesh Fabric, Add	*86.87*	
		For 1-3/4" Mesh Fabric, Add	*53.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.99*	
		For Gate With Single Barb Wire Arm, Add	*34.13*	
		For Gate With Double Barb Wire Arm, Add	*49.64*	
32 31 13 13-0490	EA	6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	481.55	42.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-66.48*	
		For 1" Mesh Fabric, Add	*154.24*	
		For 1-1/4" Mesh Fabric, Add	*99.28*	
		For 1-3/4" Mesh Fabric, Add	*61.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-30.85*	
		For Gate With Single Barb Wire Arm, Add	*39.00*	
		For Gate With Double Barb Wire Arm, Add	*56.73*	
32 31 13 13-0491	EA	7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	552.06	50.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-74.79*	
		For 1" Mesh Fabric, Add	*173.52*	
		For 1-1/4" Mesh Fabric, Add	*111.69*	
		For 1-3/4" Mesh Fabric, Add	*69.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-34.70*	
		For Gate With Single Barb Wire Arm, Add	*43.88*	
		For Gate With Double Barb Wire Arm, Add	*63.82*	
32 31 13 13-0492	EA	8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	621.58	59.35
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-83.10*	
		For 1" Mesh Fabric, Add	*192.80*	
		For 1-1/4" Mesh Fabric, Add	*124.10*	
		For 1-3/4" Mesh Fabric, Add	*77.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-38.56*	
		For Gate With Single Barb Wire Arm, Add	*48.75*	
		For Gate With Double Barb Wire Arm, Add	*70.92*	
32 31 13 13-0493	EA	9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	692.10	68.12
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-91.41*	
		For 1" Mesh Fabric, Add	*212.08*	
		For 1-1/4" Mesh Fabric, Add	*136.51*	
		For 1-3/4" Mesh Fabric, Add	*84.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-42.42*	
		For Gate With Single Barb Wire Arm, Add	*53.63*	
		For Gate With Double Barb Wire Arm, Add	*78.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0494	EA	10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	762.61	76.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-99.72*	
		For 1" Mesh Fabric, Add	*231.36*	
		For 1-1/4" Mesh Fabric, Add	*148.92*	
		For 1-3/4" Mesh Fabric, Add	*92.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-46.27*	
		For Gate With Single Barb Wire Arm, Add	*58.50*	
		For Gate With Double Barb Wire Arm, Add	*85.10*	
32 31 13 13-0495	EA	10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,069.44	90.44
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-149.59*	
		For 1" Mesh Fabric, Add	*347.04*	
		For 1-1/4" Mesh Fabric, Add	*223.38*	
		For 1-3/4" Mesh Fabric, Add	*138.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-69.41*	
		For Gate With Single Barb Wire Arm, Add	*87.76*	
		For Gate With Double Barb Wire Arm, Add	*127.65*	
32 31 13 13-0496	EA	12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,249.88	97.45
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-179.50*	
		For 1" Mesh Fabric, Add	*416.44*	
		For 1-1/4" Mesh Fabric, Add	*268.06*	
		For 1-3/4" Mesh Fabric, Add	*166.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-83.29*	
		For Gate With Single Barb Wire Arm, Add	*105.31*	
		For Gate With Double Barb Wire Arm, Add	*153.17*	
32 31 13 13-0497	EA	14' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,433.82	105.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-209.42*	
		For 1" Mesh Fabric, Add	*485.85*	
		For 1-1/4" Mesh Fabric, Add	*312.73*	
		For 1-3/4" Mesh Fabric, Add	*194.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-97.17*	
		For Gate With Single Barb Wire Arm, Add	*122.86*	
		For Gate With Double Barb Wire Arm, Add	*178.70*	
32 31 13 13-0498	EA	16' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,622.19	115.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-239.34*	
		For 1" Mesh Fabric, Add	*555.26*	
		For 1-1/4" Mesh Fabric, Add	*357.41*	
		For 1-3/4" Mesh Fabric, Add	*222.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-111.05*	
		For Gate With Single Barb Wire Arm, Add	*140.41*	
		For Gate With Double Barb Wire Arm, Add	*204.23*	
32 31 13 13-0499	EA	18' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,816.32	126.69
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-269.25*	
		For 1" Mesh Fabric, Add	*624.66*	
		For 1-1/4" Mesh Fabric, Add	*402.08*	
		For 1-3/4" Mesh Fabric, Add	*249.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-124.93*	
		For Gate With Single Barb Wire Arm, Add	*157.96*	
		For Gate With Double Barb Wire Arm, Add	*229.76*	
32 31 13 13-0500	EA	20' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,018.13	140.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-299.17*	
		For 1" Mesh Fabric, Add	*694.07*	
		For 1-1/4" Mesh Fabric, Add	*446.76*	
		For 1-3/4" Mesh Fabric, Add	*277.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-138.81*	
		For Gate With Single Barb Wire Arm, Add	*175.51*	
		For Gate With Double Barb Wire Arm, Add	*255.29*	
32 31 13 13-0501	EA	22' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,230.52	158.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-329.09*	
		For 1" Mesh Fabric, Add	*763.48*	
		For 1-1/4" Mesh Fabric, Add	*491.44*	
		For 1-3/4" Mesh Fabric, Add	*305.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-152.70*	
		For Gate With Single Barb Wire Arm, Add	*193.06*	
		For Gate With Double Barb Wire Arm, Add	*280.82*	
32 31 13 13-0502	EA	24' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,457.98	180.88
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-359.00*	
		For 1" Mesh Fabric, Add	*832.89*	
		For 1-1/4" Mesh Fabric, Add	*536.11*	
		For 1-3/4" Mesh Fabric, Add	*333.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-166.58*	
		For Gate With Single Barb Wire Arm, Add	*210.62*	
		For Gate With Double Barb Wire Arm, Add	*306.35*	
32 31 13 13-0503	EA	26' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,708.08	211.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-388.92*	
		For 1" Mesh Fabric, Add	*902.29*	
		For 1-1/4" Mesh Fabric, Add	*580.79*	
		For 1-3/4" Mesh Fabric, Add	*360.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-180.46*	
		For Gate With Single Barb Wire Arm, Add	*228.17*	
		For Gate With Double Barb Wire Arm, Add	*331.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0504	EA	28' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,994.41	253.26
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-418.84*	
		For 1" Mesh Fabric, Add	*971.70*	
		For 1-1/4" Mesh Fabric, Add	*625.46*	
		For 1-3/4" Mesh Fabric, Add	*388.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-194.34*	
		For Gate With Single Barb Wire Arm, Add	*245.72*	
		For Gate With Double Barb Wire Arm, Add	*357.41*	
32 31 13 13-0505	EA	30' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,344.12	316.60
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-448.76*	
		For 1" Mesh Fabric, Add	*1,041.11*	
		For 1-1/4" Mesh Fabric, Add	*670.14*	
		For 1-3/4" Mesh Fabric, Add	*416.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-208.22*	
		For Gate With Single Barb Wire Arm, Add	*263.27*	
		For Gate With Double Barb Wire Arm, Add	*382.94*	
32 31 13 13-0506		10' Fence Height *(32 31 13 13-0405)*		
32 31 13 13-0507	EA	3' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	343.33	37.29
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-43.38*	
		For 1" Mesh Fabric, Add	*100.65*	
		For 1-1/4" Mesh Fabric, Add	*64.78*	
		For 1-3/4" Mesh Fabric, Add	*40.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-20.13*	
		For Gate With Single Barb Wire Arm, Add	*25.45*	
		For Gate With Double Barb Wire Arm, Add	*37.02*	
32 31 13 13-0508	EA	4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	420.45	37.29
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-57.84*	
		For 1" Mesh Fabric, Add	*134.19*	
		For 1-1/4" Mesh Fabric, Add	*86.38*	
		For 1-3/4" Mesh Fabric, Add	*53.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.84*	
		For Gate With Single Barb Wire Arm, Add	*33.93*	
		For Gate With Double Barb Wire Arm, Add	*49.36*	
32 31 13 13-0509	EA	5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm	476.80	38.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-67.48*	
		For 1" Mesh Fabric, Add	*156.56*	
		For 1-1/4" Mesh Fabric, Add	*100.77*	
		For 1-3/4" Mesh Fabric, Add	*62.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-31.31*	
		For Gate With Single Barb Wire Arm, Add	*39.59*	
		For Gate With Double Barb Wire Arm, Add	*57.59*	
32 31 13 13-0510	EA	6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	556.42	48.37
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-77.12*	
		For 1" Mesh Fabric, Add	*178.92*	
		For 1-1/4" Mesh Fabric, Add	*115.17*	
		For 1-3/4" Mesh Fabric, Add	*71.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-35.78*	
		For Gate With Single Barb Wire Arm, Add	*45.25*	
		For Gate With Double Barb Wire Arm, Add	*65.81*	
32 31 13 13-0511	EA	7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	635.05	57.34
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-86.76*	
		For 1" Mesh Fabric, Add	*201.29*	
		For 1-1/4" Mesh Fabric, Add	*129.57*	
		For 1-3/4" Mesh Fabric, Add	*80.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-40.26*	
		For Gate With Single Barb Wire Arm, Add	*50.90*	
		For Gate With Double Barb Wire Arm, Add	*74.04*	
32 31 13 13-0512	EA	8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	714.68	66.81
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-96.41*	
		For 1" Mesh Fabric, Add	*223.66*	
		For 1-1/4" Mesh Fabric, Add	*143.96*	
		For 1-3/4" Mesh Fabric, Add	*89.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-44.73*	
		For Gate With Single Barb Wire Arm, Add	*56.56*	
		For Gate With Double Barb Wire Arm, Add	*82.27*	
32 31 13 13-0513	EA	9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	793.30	75.87
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-106.05*	
		For 1" Mesh Fabric, Add	*246.03*	
		For 1-1/4" Mesh Fabric, Add	*158.36*	
		For 1-3/4" Mesh Fabric, Add	*98.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-49.21*	
		For Gate With Single Barb Wire Arm, Add	*62.21*	
		For Gate With Double Barb Wire Arm, Add	*90.49*	
32 31 13 13-0514	EA	10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	872.93	85.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-115.69*	
		For 1" Mesh Fabric, Add	*268.39*	
		For 1-1/4" Mesh Fabric, Add	*172.76*	
		For 1-3/4" Mesh Fabric, Add	*107.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-53.68*	
		For Gate With Single Barb Wire Arm, Add	*67.87*	
		For Gate With Double Barb Wire Arm, Add	*98.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0515	EA	10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,227.30	100.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-173.53*	
		For 1" Mesh Fabric, Add	*402.58*	
		For 1-1/4" Mesh Fabric, Add	*259.13*	
		For 1-3/4" Mesh Fabric, Add	*161.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-80.52*	
		For Gate With Single Barb Wire Arm, Add	*101.80*	
		For Gate With Double Barb Wire Arm, Add	*148.08*	
32 31 13 13-0516	EA	12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,435.51	108.15
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-208.23*	
		For 1" Mesh Fabric, Add	*483.10*	
		For 1-1/4" Mesh Fabric, Add	*310.96*	
		For 1-3/4" Mesh Fabric, Add	*193.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-96.62*	
		For Gate With Single Barb Wire Arm, Add	*122.16*	
		For Gate With Double Barb Wire Arm, Add	*177.69*	
32 31 13 13-0517	EA	14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,647.80	117.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-242.94*	
		For 1" Mesh Fabric, Add	*563.61*	
		For 1-1/4" Mesh Fabric, Add	*362.78*	
		For 1-3/4" Mesh Fabric, Add	*225.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-112.72*	
		For Gate With Single Barb Wire Arm, Add	*142.52*	
		For Gate With Double Barb Wire Arm, Add	*207.31*	
32 31 13 13-0518	EA	16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,864.74	127.88
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-277.64*	
		For 1" Mesh Fabric, Add	*644.13*	
		For 1-1/4" Mesh Fabric, Add	*414.61*	
		For 1-3/4" Mesh Fabric, Add	*257.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-128.83*	
		For Gate With Single Barb Wire Arm, Add	*162.88*	
		For Gate With Double Barb Wire Arm, Add	*236.92*	
32 31 13 13-0519	EA	18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,088.41	140.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-312.35*	
		For 1" Mesh Fabric, Add	*724.64*	
		For 1-1/4" Mesh Fabric, Add	*466.44*	
		For 1-3/4" Mesh Fabric, Add	*289.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-144.93*	
		For Gate With Single Barb Wire Arm, Add	*183.24*	
		For Gate With Double Barb Wire Arm, Add	*266.54*	
32 31 13 13-0520	EA	20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,320.22	156.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-347.05*	
		For 1" Mesh Fabric, Add	*805.16*	
		For 1-1/4" Mesh Fabric, Add	*518.26*	
		For 1-3/4" Mesh Fabric, Add	*322.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-161.03*	
		For Gate With Single Barb Wire Arm, Add	*203.60*	
		For Gate With Double Barb Wire Arm, Add	*296.15*	
32 31 13 13-0521	EA	22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,564.23	175.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-381.76*	
		For 1" Mesh Fabric, Add	*885.67*	
		For 1-1/4" Mesh Fabric, Add	*570.09*	
		For 1-3/4" Mesh Fabric, Add	*354.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-177.13*	
		For Gate With Single Barb Wire Arm, Add	*223.96*	
		For Gate With Double Barb Wire Arm, Add	*325.76*	
32 31 13 13-0522	EA	24 Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,824.40	200.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-416.46*	
		For 1" Mesh Fabric, Add	*966.19*	
		For 1-1/4" Mesh Fabric, Add	*621.92*	
		For 1-3/4" Mesh Fabric, Add	*386.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-193.24*	
		For Gate With Single Barb Wire Arm, Add	*244.32*	
		For Gate With Double Barb Wire Arm, Add	*355.38*	
32 31 13 13-0523	EA	26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,110.48	234.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-451.17*	
		For 1" Mesh Fabric, Add	*1,046.71*	
		For 1-1/4" Mesh Fabric, Add	*673.74*	
		For 1-3/4" Mesh Fabric, Add	*418.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-209.34*	
		For Gate With Single Barb Wire Arm, Add	*264.68*	
		For Gate With Double Barb Wire Arm, Add	*385.00*	
32 31 13 13-0524	EA	28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,435.69	281.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-485.87*	
		For 1" Mesh Fabric, Add	*1,127.22*	
		For 1-1/4" Mesh Fabric, Add	*725.57*	
		For 1-3/4" Mesh Fabric, Add	*450.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-225.44*	
		For Gate With Single Barb Wire Arm, Add	*285.05*	
		For Gate With Double Barb Wire Arm, Add	*414.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0525	EA	30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,832.81	351.78
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-520.58*	
		For 1" Mesh Fabric, Add	*1,207.74*	
		For 1-1/4" Mesh Fabric, Add	*777.39*	
		For 1-3/4" Mesh Fabric, Add	*483.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-241.55*	
		For Gate With Single Barb Wire Arm, Add	*305.41*	
		For Gate With Double Barb Wire Arm, Add	*444.23*	
32 31 13 13-0526		12' Fence Height *(32 31 13 13-0405)*		
32 31 13 13-0527	EA	3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	447.06	41.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-60.50*	
		For 1" Mesh Fabric, Add	*140.36*	
		For 1-1/4" Mesh Fabric, Add	*90.34*	
		For 1-3/4" Mesh Fabric, Add	*56.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-28.07*	
		For Gate With Single Barb Wire Arm, Add	*35.49*	
		For Gate With Double Barb Wire Arm, Add	*51.63*	
32 31 13 13-0528	EA	4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	554.32	41.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-80.61*	
		For 1" Mesh Fabric, Add	*187.02*	
		For 1-1/4" Mesh Fabric, Add	*120.38*	
		For 1-3/4" Mesh Fabric, Add	*74.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-37.40*	
		For Gate With Single Barb Wire Arm, Add	*47.29*	
		For Gate With Double Barb Wire Arm, Add	*68.79*	
32 31 13 13-0529	EA	5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	638.67	42.92
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-95.57*	
		For 1" Mesh Fabric, Add	*221.72*	
		For 1-1/4" Mesh Fabric, Add	*142.72*	
		For 1-3/4" Mesh Fabric, Add	*88.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-44.34*	
		For Gate With Single Barb Wire Arm, Add	*56.07*	
		For Gate With Double Barb Wire Arm, Add	*81.55*	
32 31 13 13-0530	EA	6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	736.41	53.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-108.04*	
		For 1" Mesh Fabric, Add	*250.64*	
		For 1-1/4" Mesh Fabric, Add	*161.33*	
		For 1-3/4" Mesh Fabric, Add	*100.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-50.13*	
		For Gate With Single Barb Wire Arm, Add	*63.38*	
		For Gate With Double Barb Wire Arm, Add	*92.19*	
32 31 13 13-0531	EA	7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	841.52	63.79
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-121.89*	
		For 1" Mesh Fabric, Add	*282.78*	
		For 1-1/4" Mesh Fabric, Add	*182.02*	
		For 1-3/4" Mesh Fabric, Add	*113.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-56.56*	
		For Gate With Single Barb Wire Arm, Add	*71.51*	
		For Gate With Double Barb Wire Arm, Add	*104.01*	
32 31 13 13-0532	EA	8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	945.63	73.86
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-135.74*	
		For 1" Mesh Fabric, Add	*314.91*	
		For 1-1/4" Mesh Fabric, Add	*202.70*	
		For 1-3/4" Mesh Fabric, Add	*125.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-62.98*	
		For Gate With Single Barb Wire Arm, Add	*79.63*	
		For Gate With Double Barb Wire Arm, Add	*115.83*	
32 31 13 13-0533	EA	9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	1,050.73	84.24
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-149.59*	
		For 1" Mesh Fabric, Add	*347.04*	
		For 1-1/4" Mesh Fabric, Add	*223.38*	
		For 1-3/4" Mesh Fabric, Add	*138.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-69.41*	
		For Gate With Single Barb Wire Arm, Add	*87.76*	
		For Gate With Double Barb Wire Arm, Add	*127.65*	
32 31 13 13-0534	EA	10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	1,148.44	94.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-162.05*	
		For 1" Mesh Fabric, Add	*375.96*	
		For 1-1/4" Mesh Fabric, Add	*242.00*	
		For 1-3/4" Mesh Fabric, Add	*150.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-75.19*	
		For Gate With Single Barb Wire Arm, Add	*95.07*	
		For Gate With Double Barb Wire Arm, Add	*138.28*	
32 31 13 13-0535	EA	10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,631.23	111.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-243.00*	
		For 1" Mesh Fabric, Add	*563.75*	
		For 1-1/4" Mesh Fabric, Add	*362.87*	
		For 1-3/4" Mesh Fabric, Add	*225.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-112.75*	
		For Gate With Single Barb Wire Arm, Add	*142.56*	
		For Gate With Double Barb Wire Arm, Add	*207.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0536	EA	12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,958.32	120.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-299.51*	
		For 1" Mesh Fabric, Add	*694.85*	
		For 1-1/4" Mesh Fabric, Add	*447.26*	
		For 1-3/4" Mesh Fabric, Add	*277.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-138.97*	
		For Gate With Single Barb Wire Arm, Add	*175.71*	
		For Gate With Double Barb Wire Arm, Add	*255.58*	
32 31 13 13-0537	EA	14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,256.33	130.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-349.70*	
		For 1" Mesh Fabric, Add	*811.31*	
		For 1-1/4" Mesh Fabric, Add	*522.22*	
		For 1-3/4" Mesh Fabric, Add	*324.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-162.26*	
		For Gate With Single Barb Wire Arm, Add	*205.16*	
		For Gate With Double Barb Wire Arm, Add	*298.41*	
32 31 13 13-0538	EA	16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,557.73	142.02
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-399.56*	
		For 1" Mesh Fabric, Add	*926.99*	
		For 1-1/4" Mesh Fabric, Add	*596.68*	
		For 1-3/4" Mesh Fabric, Add	*370.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-185.40*	
		For Gate With Single Barb Wire Arm, Add	*234.41*	
		For Gate With Double Barb Wire Arm, Add	*340.96*	
32 31 13 13-0539	EA	18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,862.91	156.40
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-448.76*	
		For 1" Mesh Fabric, Add	*1,041.12*	
		For 1-1/4" Mesh Fabric, Add	*670.15*	
		For 1-3/4" Mesh Fabric, Add	*416.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-208.22*	
		For Gate With Single Barb Wire Arm, Add	*263.27*	
		For Gate With Double Barb Wire Arm, Add	*382.94*	
32 31 13 13-0540	EA	20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,180.57	173.63
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-498.62*	
		For 1" Mesh Fabric, Add	*1,156.80*	
		For 1-1/4" Mesh Fabric, Add	*744.61*	
		For 1-3/4" Mesh Fabric, Add	*462.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-231.36*	
		For Gate With Single Barb Wire Arm, Add	*292.53*	
		For Gate With Double Barb Wire Arm, Add	*425.49*	
32 31 13 13-0541	EA	22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,512.14	195.38
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-548.48*	
		For 1" Mesh Fabric, Add	*1,272.48*	
		For 1-1/4" Mesh Fabric, Add	*819.07*	
		For 1-3/4" Mesh Fabric, Add	*508.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-254.50*	
		For Gate With Single Barb Wire Arm, Add	*321.78*	
		For Gate With Double Barb Wire Arm, Add	*468.04*	
32 31 13 13-0542	EA	24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,861.49	223.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-598.35*	
		For 1" Mesh Fabric, Add	*1,388.16*	
		For 1-1/4" Mesh Fabric, Add	*893.53*	
		For 1-3/4" Mesh Fabric, Add	*555.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-277.63*	
		For Gate With Single Barb Wire Arm, Add	*351.03*	
		For Gate With Double Barb Wire Arm, Add	*510.59*	
32 31 13 13-0543	EA	26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,248.50	260.63
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-649.87*	
		For 1" Mesh Fabric, Add	*1,507.70*	
		For 1-1/4" Mesh Fabric, Add	*970.47*	
		For 1-3/4" Mesh Fabric, Add	*603.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-301.54*	
		For Gate With Single Barb Wire Arm, Add	*381.26*	
		For Gate With Double Barb Wire Arm, Add	*554.56*	
32 31 13 13-0544	EA	28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,670.10	312.44
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-699.73*	
		For 1" Mesh Fabric, Add	*1,623.38*	
		For 1-1/4" Mesh Fabric, Add	*1,044.93*	
		For 1-3/4" Mesh Fabric, Add	*649.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-324.68*	
		For Gate With Single Barb Wire Arm, Add	*410.51*	
		For Gate With Double Barb Wire Arm, Add	*597.11*	
32 31 13 13-0545	EA	30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	5,171.62	390.88
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-749.60*	
		For 1" Mesh Fabric, Add	*1,739.06*	
		For 1-1/4" Mesh Fabric, Add	*1,119.40*	
		For 1-3/4" Mesh Fabric, Add	*695.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-347.81*	
		For Gate With Single Barb Wire Arm, Add	*439.76*	
		For Gate With Double Barb Wire Arm, Add	*639.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0546		Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0263)*		
		Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper and lower rails, track brackets, roller gate wheel carrier, track rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. See CSI section 32 31 13 13-0630 for additonal gate accessories, 32 31 13 13-0711 for gate repacement parts.		
32 31 13 13-0547		4' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0546)*		
32 31 13 13-0548	EA	10' Long x 4' High Chain Link Galvanized Steel Sliding Gate	3,040.58	385.77
		For 1" Mesh Fabric, Add	*987.01*	
		For 1-1/4" Mesh Fabric, Add	*635.32*	
		For 1-3/4" Mesh Fabric, Add	*394.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-197.40*	
		For Gate With Barb Wire Arm, Add	*249.59*	
		For Vinyl Coated, Add	*680.70*	
32 31 13 13-0549	EA	12' Long x 4' High Chain Link Galvanized Steel Sliding Gate	3,654.17	465.75
		For 1" Mesh Fabric, Add	*1,184.41*	
		For 1-1/4" Mesh Fabric, Add	*762.38*	
		For 1-3/4" Mesh Fabric, Add	*473.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-236.88*	
		For Gate With Barb Wire Arm, Add	*299.51*	
		For Vinyl Coated, Add	*816.84*	
32 31 13 13-0550	EA	14' Long x 4' High Chain Link Galvanized Steel Sliding Gate	4,263.43	543.35
		For 1" Mesh Fabric, Add	*1,381.82*	
		For 1-1/4" Mesh Fabric, Add	*889.45*	
		For 1-3/4" Mesh Fabric, Add	*552.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-276.36*	
		For Gate With Barb Wire Arm, Add	*349.43*	
		For Vinyl Coated, Add	*952.98*	
32 31 13 13-0551	EA	16' Long x 4' High Chain Link Galvanized Steel Sliding Gate	4,879.43	624.53
		For 1" Mesh Fabric, Add	*1,579.22*	
		For 1-1/4" Mesh Fabric, Add	*1,016.51*	
		For 1-3/4" Mesh Fabric, Add	*631.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-315.84*	
		For Gate With Barb Wire Arm, Add	*399.34*	
		For Vinyl Coated, Add	*1,089.12*	
32 31 13 13-0552	EA	18' Long x 4' High Chain Link Galvanized Steel Sliding Gate	5,489.40	702.61
		For 1" Mesh Fabric, Add	*1,776.63*	
		For 1-1/4" Mesh Fabric, Add	*1,143.58*	
		For 1-3/4" Mesh Fabric, Add	*710.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-355.33*	
		For Gate With Barb Wire Arm, Add	*449.26*	
		For Vinyl Coated, Add	*1,225.26*	
32 31 13 13-0553	EA	20' Long x 4' High Chain Link Galvanized Steel Sliding Gate	6,084.96	773.45
		For 1" Mesh Fabric, Add	*1,974.03*	
		For 1-1/4" Mesh Fabric, Add	*1,270.64*	
		For 1-3/4" Mesh Fabric, Add	*789.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-394.81*	
		For Gate With Barb Wire Arm, Add	*499.18*	
		For Vinyl Coated, Add	*1,361.40*	
32 31 13 13-0554	EA	24' Long x 4' High Chain Link Galvanized Steel Sliding Gate	7,268.41	931.38
		For 1" Mesh Fabric, Add	*2,351.45*	
		For 1-1/4" Mesh Fabric, Add	*1,513.58*	
		For 1-3/4" Mesh Fabric, Add	*940.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-470.29*	
		For Gate With Barb Wire Arm, Add	*594.62*	
		For Vinyl Coated, Add	*1,621.69*	
32 31 13 13-0555	EA	30' Long x 4' High Chain Link Galvanized Steel Sliding Gate	10,323.11	1,758.07
		For 1" Mesh Fabric, Add	*2,961.04*	
		For 1-1/4" Mesh Fabric, Add	*1,905.96*	
		For 1-3/4" Mesh Fabric, Add	*1,184.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-592.21*	
		For Gate With Barb Wire Arm, Add	*748.77*	
		For Vinyl Coated, Add	*2,042.10*	
32 31 13 13-0556	EA	40' Long x 4' High Chain Link Galvanized Steel Sliding Gate	13,764.15	2,344.10
		For 1" Mesh Fabric, Add	*3,948.05*	
		For 1-1/4" Mesh Fabric, Add	*2,541.27*	
		For 1-3/4" Mesh Fabric, Add	*1,579.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-789.61*	
		For Gate With Barb Wire Arm, Add	*998.36*	
		For Vinyl Coated, Add	*2,722.79*	
32 31 13 13-0557		5' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0546)*		
32 31 13 13-0558	EA	10' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,175.43	419.88
		For 1" Mesh Fabric, Add	*1,016.02*	
		For 1-1/4" Mesh Fabric, Add	*653.99*	
		For 1-3/4" Mesh Fabric, Add	*406.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-203.20*	
		For Gate With Barb Wire Arm, Add	*256.92*	
		For Vinyl Coated, Add	*700.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0559	EA	12' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,809.35	503.31
		For 1" Mesh Fabric, Add	*1,219.23*	
		For 1-1/4" Mesh Fabric, Add	*784.79*	
		For 1-3/4" Mesh Fabric, Add	*487.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-243.85*	
		For Gate With Barb Wire Arm, Add	*308.31*	
		For Vinyl Coated, Add	*840.85*	
32 31 13 13-0560	EA	14' Long x 5' High Chain Link Galvanized Steel Sliding Gate	4,444.02	587.09
		For 1" Mesh Fabric, Add	*1,422.43*	
		For 1-1/4" Mesh Fabric, Add	*915.59*	
		For 1-3/4" Mesh Fabric, Add	*568.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-284.49*	
		For Gate With Barb Wire Arm, Add	*359.70*	
		For Vinyl Coated, Add	*980.99*	
32 31 13 13-0561	EA	16' Long x 5' High Chain Link Galvanized Steel Sliding Gate	5,079.22	671.12
		For 1" Mesh Fabric, Add	*1,625.64*	
		For 1-1/4" Mesh Fabric, Add	*1,046.39*	
		For 1-3/4" Mesh Fabric, Add	*650.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-325.13*	
		For Gate With Barb Wire Arm, Add	*411.08*	
		For Vinyl Coated, Add	*1,121.13*	
32 31 13 13-0562	EA	18' Long x 5' High Chain Link Galvanized Steel Sliding Gate	5,713.84	754.78
		For 1" Mesh Fabric, Add	*1,828.84*	
		For 1-1/4" Mesh Fabric, Add	*1,177.18*	
		For 1-3/4" Mesh Fabric, Add	*731.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-365.77*	
		For Gate With Barb Wire Arm, Add	*462.46*	
		For Vinyl Coated, Add	*1,261.27*	
32 31 13 13-0563	EA	20' Long x 5' High Chain Link Galvanized Steel Sliding Gate	6,348.78	838.69
		For 1" Mesh Fabric, Add	*2,032.04*	
		For 1-1/4" Mesh Fabric, Add	*1,307.98*	
		For 1-3/4" Mesh Fabric, Add	*812.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-406.41*	
		For Gate With Barb Wire Arm, Add	*513.85*	
		For Vinyl Coated, Add	*1,401.41*	
32 31 13 13-0564	EA	24' Long x 5' High Chain Link Galvanized Steel Sliding Gate	7,579.69	1,007.57
		For 1" Mesh Fabric, Add	*2,420.56*	
		For 1-1/4" Mesh Fabric, Add	*1,558.06*	
		For 1-3/4" Mesh Fabric, Add	*968.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-484.11*	
		For Gate With Barb Wire Arm, Add	*612.10*	
		For Vinyl Coated, Add	*1,669.35*	
32 31 13 13-0565	EA	30' Long x 5' High Chain Link Galvanized Steel Sliding Gate	9,523.61	1,258.34
		For 1" Mesh Fabric, Add	*3,048.06*	
		For 1-1/4" Mesh Fabric, Add	*1,961.97*	
		For 1-3/4" Mesh Fabric, Add	*1,219.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-609.61*	
		For Gate With Barb Wire Arm, Add	*770.77*	
		For Vinyl Coated, Add	*2,102.11*	
32 31 13 13-0566	EA	40' Long x 5' High Chain Link Galvanized Steel Sliding Gate	12,697.56	1,677.38
		For 1" Mesh Fabric, Add	*4,064.08*	
		For 1-1/4" Mesh Fabric, Add	*2,615.96*	
		For 1-3/4" Mesh Fabric, Add	*1,625.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-812.82*	
		For Gate With Barb Wire Arm, Add	*1,027.70*	
		For Vinyl Coated, Add	*2,802.82*	

32 31 13 13-0567 6' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0546)*

32 31 13 13-0568	EA	10' Long x 6' High Chain Link Galvanized Steel Sliding Gate	3,366.79	492.25
		For 1" Mesh Fabric, Add	*1,036.33*	
		For 1-1/4" Mesh Fabric, Add	*667.06*	
		For 1-3/4" Mesh Fabric, Add	*414.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-207.27*	
		For Gate With Barb Wire Arm, Add	*262.06*	
		For Vinyl Coated, Add	*714.71*	
32 31 13 13-0569	EA	12' Long x 6' High Chain Link Galvanized Steel Sliding Gate	4,036.68	588.87
		For 1" Mesh Fabric, Add	*1,243.59*	
		For 1-1/4" Mesh Fabric, Add	*800.47*	
		For 1-3/4" Mesh Fabric, Add	*497.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-248.72*	
		For Gate With Barb Wire Arm, Add	*314.47*	
		For Vinyl Coated, Add	*857.65*	
32 31 13 13-0570	EA	14' Long x 6' High Chain Link Galvanized Steel Sliding Gate	4,709.25	686.92
		For 1" Mesh Fabric, Add	*1,450.86*	
		For 1-1/4" Mesh Fabric, Add	*933.89*	
		For 1-3/4" Mesh Fabric, Add	*580.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-290.17*	
		For Gate With Barb Wire Arm, Add	*366.88*	
		For Vinyl Coated, Add	*1,000.59*	
32 31 13 13-0571	EA	16' Long x 6' High Chain Link Galvanized Steel Sliding Gate	5,382.24	785.21
		For 1" Mesh Fabric, Add	*1,658.12*	
		For 1-1/4" Mesh Fabric, Add	*1,067.30*	
		For 1-3/4" Mesh Fabric, Add	*663.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-331.62*	
		For Gate With Barb Wire Arm, Add	*419.30*	
		For Vinyl Coated, Add	*1,143.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0572	EA	18' Long x 6' High Chain Link Galvanized Steel Sliding Gate	6,054.81	883.25
		For 1" Mesh Fabric, Add	*1,865.39*	
		For 1-1/4" Mesh Fabric, Add	*1,200.71*	
		For 1-3/4" Mesh Fabric, Add	*746.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-373.08*	
		For Gate With Barb Wire Arm, Add	*471.71*	
		For Vinyl Coated, Add	*1,286.48*	
32 31 13 13-0573	EA	20' Long x 6' High Chain Link Galvanized Steel Sliding Gate	6,733.98	984.63
		For 1" Mesh Fabric, Add	*2,072.65*	
		For 1-1/4" Mesh Fabric, Add	*1,334.12*	
		For 1-3/4" Mesh Fabric, Add	*829.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-414.53*	
		For Gate With Barb Wire Arm, Add	*524.12*	
		For Vinyl Coated, Add	*1,429.42*	
32 31 13 13-0574	EA	24' Long x 6' High Chain Link Galvanized Steel Sliding Gate	8,031.43	1,177.87
		For 1" Mesh Fabric, Add	*2,468.94*	
		For 1-1/4" Mesh Fabric, Add	*1,589.20*	
		For 1-3/4" Mesh Fabric, Add	*987.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-493.79*	
		For Gate With Barb Wire Arm, Add	*624.33*	
		For Vinyl Coated, Add	*1,702.72*	
32 31 13 13-0575	EA	30' Long x 6' High Chain Link Galvanized Steel Sliding Gate	10,092.45	1,472.72
		For 1" Mesh Fabric, Add	*3,108.98*	
		For 1-1/4" Mesh Fabric, Add	*2,001.19*	
		For 1-3/4" Mesh Fabric, Add	*1,243.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-621.80*	
		For Gate With Barb Wire Arm, Add	*786.18*	
		For Vinyl Coated, Add	*2,144.13*	
32 31 13 13-0576	EA	40' Long x 6' High Chain Link Galvanized Steel Sliding Gate	13,454.97	1,962.72
		For 1" Mesh Fabric, Add	*4,145.31*	
		For 1-1/4" Mesh Fabric, Add	*2,668.25*	
		For 1-3/4" Mesh Fabric, Add	*1,658.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-829.06*	
		For Gate With Barb Wire Arm, Add	*1,048.24*	
		For Vinyl Coated, Add	*2,858.84*	
32 31 13 13-0577		7' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0546)*		
32 31 13 13-0578	EA	10' Long x 7' High Chain Link Galvanized Steel Sliding Gate	3,573.86	549.06
		For 1" Mesh Fabric, Add	*1,076.94*	
		For 1-1/4" Mesh Fabric, Add	*693.20*	
		For 1-3/4" Mesh Fabric, Add	*430.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-215.39*	
		For Gate With Barb Wire Arm, Add	*272.33*	
		For Vinyl Coated, Add	*742.72*	
32 31 13 13-0579	EA	12' Long x 7' High Chain Link Galvanized Steel Sliding Gate	4,287.79	658.41
		For 1" Mesh Fabric, Add	*1,292.36*	
		For 1-1/4" Mesh Fabric, Add	*831.87*	
		For 1-3/4" Mesh Fabric, Add	*516.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-258.47*	
		For Gate With Barb Wire Arm, Add	*326.80*	
		For Vinyl Coated, Add	*891.29*	
32 31 13 13-0580	EA	14' Long x 7' High Chain Link Galvanized Steel Sliding Gate	5,003.46	768.69
		For 1" Mesh Fabric, Add	*1,507.71*	
		For 1-1/4" Mesh Fabric, Add	*970.48*	
		For 1-3/4" Mesh Fabric, Add	*603.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-301.54*	
		For Gate With Barb Wire Arm, Add	*381.26*	
		For Vinyl Coated, Add	*1,039.80*	
32 31 13 13-0581	EA	16' Long x 7' High Chain Link Galvanized Steel Sliding Gate	5,717.27	878.03
		For 1" Mesh Fabric, Add	*1,723.10*	
		For 1-1/4" Mesh Fabric, Add	*1,109.12*	
		For 1-3/4" Mesh Fabric, Add	*689.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-344.62*	
		For Gate With Barb Wire Arm, Add	*435.73*	
		For Vinyl Coated, Add	*1,188.35*	
32 31 13 13-0582	EA	18' Long x 7' High Chain Link Galvanized Steel Sliding Gate	6,432.11	987.96
		For 1" Mesh Fabric, Add	*1,938.49*	
		For 1-1/4" Mesh Fabric, Add	*1,247.76*	
		For 1-3/4" Mesh Fabric, Add	*775.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-387.70*	
		For Gate With Barb Wire Arm, Add	*490.19*	
		For Vinyl Coated, Add	*1,336.89*	
32 31 13 13-0583	EA	20' Long x 7' High Chain Link Galvanized Steel Sliding Gate	7,146.19	1,097.42
		For 1" Mesh Fabric, Add	*2,153.89*	
		For 1-1/4" Mesh Fabric, Add	*1,386.41*	
		For 1-3/4" Mesh Fabric, Add	*861.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-430.78*	
		For Gate With Barb Wire Arm, Add	*544.66*	
		For Vinyl Coated, Add	*1,485.44*	
32 31 13 13-0584	EA	24' Long x 7' High Chain Link Galvanized Steel Sliding Gate	8,531.84	1,316.80
		For 1" Mesh Fabric, Add	*2,565.70*	
		For 1-1/4" Mesh Fabric, Add	*1,651.48*	
		For 1-3/4" Mesh Fabric, Add	*1,026.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-513.14*	
		For Gate With Barb Wire Arm, Add	*648.80*	
		For Vinyl Coated, Add	*1,769.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0585	EA	30' Long x 7' High Chain Link Galvanized Steel Sliding Gate	10,719.27	1,646.00
		For 1" Mesh Fabric, Add	*3,230.81*	
		For 1-1/4" Mesh Fabric, Add	*2,079.60*	
		For 1-3/4" Mesh Fabric, Add	*1,292.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-646.16*	
		For Gate With Barb Wire Arm, Add	*816.99*	
		For Vinyl Coated, Add	*2,228.15*	
32 31 13 13-0586	EA	40' Long x 7' High Chain Link Galvanized Steel Sliding Gate	14,292.37	2,194.71
		For 1" Mesh Fabric, Add	*4,307.76*	
		For 1-1/4" Mesh Fabric, Add	*2,772.81*	
		For 1-3/4" Mesh Fabric, Add	*1,723.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-861.55*	
		For Gate With Barb Wire Arm, Add	*1,089.32*	
		For Vinyl Coated, Add	*2,970.87*	
32 31 13 13-0587		8' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0546)*		
32 31 13 13-0588	EA	10' Long x 8' High Chain Link Galvanized Steel Sliding Gate	3,738.73	594.82
		For 1" Mesh Fabric, Add	*1,108.85*	
		For 1-1/4" Mesh Fabric, Add	*713.75*	
		For 1-3/4" Mesh Fabric, Add	*443.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-221.77*	
		For Gate With Barb Wire Arm, Add	*280.40*	
		For Vinyl Coated, Add	*764.73*	
32 31 13 13-0589	EA	12' Long x 8' High Chain Link Galvanized Steel Sliding Gate	4,483.04	712.12
		For 1" Mesh Fabric, Add	*1,330.62*	
		For 1-1/4" Mesh Fabric, Add	*856.49*	
		For 1-3/4" Mesh Fabric, Add	*532.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-266.12*	
		For Gate With Barb Wire Arm, Add	*336.48*	
		For Vinyl Coated, Add	*917.67*	
32 31 13 13-0590	EA	14' Long x 8' High Chain Link Galvanized Steel Sliding Gate	5,230.29	830.84
		For 1" Mesh Fabric, Add	*1,552.38*	
		For 1-1/4" Mesh Fabric, Add	*999.24*	
		For 1-3/4" Mesh Fabric, Add	*620.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-310.48*	
		For Gate With Barb Wire Arm, Add	*392.56*	
		For Vinyl Coated, Add	*1,070.61*	
32 31 13 13-0591	EA	16' Long x 8' High Chain Link Galvanized Steel Sliding Gate	5,977.76	949.57
		For 1" Mesh Fabric, Add	*1,774.16*	
		For 1-1/4" Mesh Fabric, Add	*1,141.99*	
		For 1-3/4" Mesh Fabric, Add	*709.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-354.83*	
		For Gate With Barb Wire Arm, Add	*448.64*	
		For Vinyl Coated, Add	*1,223.56*	
32 31 13 13-0592	EA	18' Long x 8' High Chain Link Galvanized Steel Sliding Gate	6,723.91	1,067.83
		For 1" Mesh Fabric, Add	*1,995.92*	
		For 1-1/4" Mesh Fabric, Add	*1,284.73*	
		For 1-3/4" Mesh Fabric, Add	*798.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-399.18*	
		For Gate With Barb Wire Arm, Add	*504.72*	
		For Vinyl Coated, Add	*1,376.50*	
32 31 13 13-0593	EA	20' Long x 8' High Chain Link Galvanized Steel Sliding Gate	7,471.49	1,186.66
		For 1" Mesh Fabric, Add	*2,217.70*	
		For 1-1/4" Mesh Fabric, Add	*1,427.48*	
		For 1-3/4" Mesh Fabric, Add	*887.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-443.54*	
		For Gate With Barb Wire Arm, Add	*560.80*	
		For Vinyl Coated, Add	*1,529.45*	
32 31 13 13-0594	EA	24' Long x 8' High Chain Link Galvanized Steel Sliding Gate	8,921.20	1,424.12
		For 1" Mesh Fabric, Add	*2,641.72*	
		For 1-1/4" Mesh Fabric, Add	*1,700.41*	
		For 1-3/4" Mesh Fabric, Add	*1,056.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-528.34*	
		For Gate With Barb Wire Arm, Add	*668.02*	
		For Vinyl Coated, Add	*1,821.87*	
32 31 13 13-0595	EA	30' Long x 8' High Chain Link Galvanized Steel Sliding Gate	11,208.14	1,780.42
		For 1" Mesh Fabric, Add	*3,326.55*	
		For 1-1/4" Mesh Fabric, Add	*2,141.23*	
		For 1-3/4" Mesh Fabric, Add	*1,330.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-665.31*	
		For Gate With Barb Wire Arm, Add	*841.20*	
		For Vinyl Coated, Add	*2,294.17*	
32 31 13 13-0596	EA	40' Long x 8' High Chain Link Galvanized Steel Sliding Gate	14,940.61	2,372.14
		For 1" Mesh Fabric, Add	*4,435.39*	
		For 1-1/4" Mesh Fabric, Add	*2,854.96*	
		For 1-3/4" Mesh Fabric, Add	*1,774.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-887.08*	
		For Gate With Barb Wire Arm, Add	*1,121.59*	
		For Vinyl Coated, Add	*3,058.89*	
32 31 13 13-0597		9' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0546)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0598	EA	10' Long x 9' High Chain Link Galvanized Steel Sliding Gate	3,933.55	648.89
		For 1" Mesh Fabric, Add	*1,146.56*	
		For 1-1/4" Mesh Fabric, Add	*738.01*	
		For 1-3/4" Mesh Fabric, Add	*458.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-229.31*	
		For Gate With Barb Wire Arm, Add	*289.93*	
		For Vinyl Coated, Add	*790.73*	
32 31 13 13-0599	EA	12' Long x 9' High Chain Link Galvanized Steel Sliding Gate	4,715.44	776.30
		For 1" Mesh Fabric, Add	*1,375.87*	
		For 1-1/4" Mesh Fabric, Add	*885.62*	
		For 1-3/4" Mesh Fabric, Add	*550.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-275.17*	
		For Gate With Barb Wire Arm, Add	*347.92*	
		For Vinyl Coated, Add	*948.88*	
32 31 13 13-0600	EA	14' Long x 9' High Chain Link Galvanized Steel Sliding Gate	5,501.05	905.48
		For 1" Mesh Fabric, Add	*1,605.18*	
		For 1-1/4" Mesh Fabric, Add	*1,033.22*	
		For 1-3/4" Mesh Fabric, Add	*642.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-321.04*	
		For Gate With Barb Wire Arm, Add	*405.91*	
		For Vinyl Coated, Add	*1,107.02*	
32 31 13 13-0601	EA	16' Long x 9' High Chain Link Galvanized Steel Sliding Gate	6,287.69	1,035.26
		For 1" Mesh Fabric, Add	*1,834.49*	
		For 1-1/4" Mesh Fabric, Add	*1,180.82*	
		For 1-3/4" Mesh Fabric, Add	*733.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-366.90*	
		For Gate With Barb Wire Arm, Add	*463.89*	
		For Vinyl Coated, Add	*1,265.17*	
32 31 13 13-0602	EA	18' Long x 9' High Chain Link Galvanized Steel Sliding Gate	7,073.53	1,164.56
		For 1" Mesh Fabric, Add	*2,063.81*	
		For 1-1/4" Mesh Fabric, Add	*1,328.43*	
		For 1-3/4" Mesh Fabric, Add	*825.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-412.76*	
		For Gate With Barb Wire Arm, Add	*521.88*	
		For Vinyl Coated, Add	*1,423.31*	
32 31 13 13-0603	EA	20' Long x 9' High Chain Link Galvanized Steel Sliding Gate	7,859.35	1,293.87
		For 1" Mesh Fabric, Add	*2,293.12*	
		For 1-1/4" Mesh Fabric, Add	*1,476.03*	
		For 1-3/4" Mesh Fabric, Add	*917.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-458.62*	
		For Gate With Barb Wire Arm, Add	*579.87*	
		For Vinyl Coated, Add	*1,581.46*	
32 31 13 13-0604	EA	24' Long x 9' High Chain Link Galvanized Steel Sliding Gate	9,384.46	1,552.47
		For 1" Mesh Fabric, Add	*2,731.55*	
		For 1-1/4" Mesh Fabric, Add	*1,758.24*	
		For 1-3/4" Mesh Fabric, Add	*1,092.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-546.31*	
		For Gate With Barb Wire Arm, Add	*690.74*	
		For Vinyl Coated, Add	*1,883.83*	
32 31 13 13-0605	EA	30' Long x 9' High Chain Link Galvanized Steel Sliding Gate	11,787.96	1,940.39
		For 1" Mesh Fabric, Add	*3,439.68*	
		For 1-1/4" Mesh Fabric, Add	*2,214.04*	
		For 1-3/4" Mesh Fabric, Add	*1,375.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-687.94*	
		For Gate With Barb Wire Arm, Add	*869.80*	
		For Vinyl Coated, Add	*2,372.19*	
32 31 13 13-0606	EA	40' Long x 9' High Chain Link Galvanized Steel Sliding Gate	15,721.52	2,589.28
		For 1" Mesh Fabric, Add	*4,586.24*	
		For 1-1/4" Mesh Fabric, Add	*2,952.07*	
		For 1-3/4" Mesh Fabric, Add	*1,834.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-917.25*	
		For Gate With Barb Wire Arm, Add	*1,159.74*	
		For Vinyl Coated, Add	*3,162.93*	

32 31 13 13-0607 10' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0546)*

32 31 13 13-0608	EA	10' Long x 10' High Chain Link Galvanized Steel Sliding Gate	4,176.70	713.79
		For 1" Mesh Fabric, Add	*1,195.87*	
		For 1-1/4" Mesh Fabric, Add	*769.76*	
		For 1-3/4" Mesh Fabric, Add	*478.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-239.17*	
		For Gate With Barb Wire Arm, Add	*302.40*	
		For Vinyl Coated, Add	*824.74*	
32 31 13 13-0609	EA	12' Long x 10' High Chain Link Galvanized Steel Sliding Gate	5,012.04	856.51
		For 1" Mesh Fabric, Add	*1,435.05*	
		For 1-1/4" Mesh Fabric, Add	*923.71*	
		For 1-3/4" Mesh Fabric, Add	*574.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-287.01*	
		For Gate With Barb Wire Arm, Add	*362.89*	
		For Vinyl Coated, Add	*989.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0610	EA	14' Long x 10' High Chain Link Galvanized Steel Sliding Gate	5,847.87	999.49
		For 1" Mesh Fabric, Add	*1,674.22*	
		For 1-1/4" Mesh Fabric, Add	*1,077.66*	
		For 1-3/4" Mesh Fabric, Add	*669.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-334.84*	
		For Gate With Barb Wire Arm, Add	*423.37*	
		For Vinyl Coated, Add	*1,154.64*	
32 31 13 13-0611	EA	16' Long x 10' High Chain Link Galvanized Steel Sliding Gate	6,683.02	1,142.22
		For 1" Mesh Fabric, Add	*1,913.40*	
		For 1-1/4" Mesh Fabric, Add	*1,231.62*	
		For 1-3/4" Mesh Fabric, Add	*765.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-382.68*	
		For Gate With Barb Wire Arm, Add	*483.85*	
		For Vinyl Coated, Add	*1,319.59*	
32 31 13 13-0612	EA	18' Long x 10' High Chain Link Galvanized Steel Sliding Gate	7,518.07	1,284.84
		For 1" Mesh Fabric, Add	*2,152.57*	
		For 1-1/4" Mesh Fabric, Add	*1,385.56*	
		For 1-3/4" Mesh Fabric, Add	*861.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-430.51*	
		For Gate With Barb Wire Arm, Add	*544.33*	
		For Vinyl Coated, Add	*1,484.53*	
32 31 13 13-0613	EA	20' Long x 10' High Chain Link Galvanized Steel Sliding Gate	8,353.41	1,427.56
		For 1" Mesh Fabric, Add	*2,391.75*	
		For 1-1/4" Mesh Fabric, Add	*1,539.52*	
		For 1-3/4" Mesh Fabric, Add	*956.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-478.35*	
		For Gate With Barb Wire Arm, Add	*604.81*	
		For Vinyl Coated, Add	*1,649.48*	
32 31 13 13-0614	EA	24' Long x 10' High Chain Link Galvanized Steel Sliding Gate	9,976.93	1,713.75
		For 1" Mesh Fabric, Add	*2,849.05*	
		For 1-1/4" Mesh Fabric, Add	*1,833.87*	
		For 1-3/4" Mesh Fabric, Add	*1,139.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-569.81*	
		For Gate With Barb Wire Arm, Add	*720.45*	
		For Vinyl Coated, Add	*1,964.86*	
32 31 13 13-0615	EA	30' Long x 10' High Chain Link Galvanized Steel Sliding Gate	12,530.10	2,141.35
		For 1" Mesh Fabric, Add	*3,587.62*	
		For 1-1/4" Mesh Fabric, Add	*2,309.27*	
		For 1-3/4" Mesh Fabric, Add	*1,435.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-717.52*	
		For Gate With Barb Wire Arm, Add	*907.21*	
		For Vinyl Coated, Add	*2,474.22*	
32 31 13 13-0616	EA	40' Long x 10' High Chain Link Galvanized Steel Sliding Gate	16,703.40	2,853.47
		For 1" Mesh Fabric, Add	*4,783.50*	
		For 1-1/4" Mesh Fabric, Add	*3,079.03*	
		For 1-3/4" Mesh Fabric, Add	*1,913.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-956.70*	
		For Gate With Barb Wire Arm, Add	*1,209.62*	
		For Vinyl Coated, Add	*3,298.97*	

32 31 13 13-0617 Sliding Cantilever Gate, Single Track, Manually Operated Exposed Roller *(32 31 13 13-0263)*

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper rail, track brackets, roller gate wheel carrier, metal track rollers for rail, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, single track, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0020 for gate operators.

32 31 13 13-0618	EA	5' High x 10' Wide Galvanized Cantilever Sliding Gate	5,659.80	475.39
		For 1" Mesh Fabric, Add	*2,048.43*	
		For 1-1/4" Mesh Fabric, Add	*1,318.53*	
		For 1-3/4" Mesh Fabric, Add	*819.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-409.69*	
		For Gate With Single Barb Wire Arm, Add	*517.99*	
		For Gate With Double Barb Wire Arm, Add	*753.45*	
		For Aluminized Steel Gate And Post, Add	*2,260.34*	
		For Powder Coated Gate And Post, Add	*988.90*	
		For Vinyl Coated, Add	*1,412.71*	
32 31 13 13-0619	EA	5' High x 12' Wide Galvanized Cantilever Sliding Gate	6,218.05	594.22
		For 1" Mesh Fabric, Add	*2,187.88*	
		For 1-1/4" Mesh Fabric, Add	*1,408.29*	
		For 1-3/4" Mesh Fabric, Add	*875.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-437.58*	
		For Gate With Single Barb Wire Arm, Add	*553.26*	
		For Gate With Double Barb Wire Arm, Add	*804.74*	
		For Aluminized Steel Gate And Post, Add	*2,414.21*	
		For Powder Coated Gate And Post, Add	*1,056.22*	
		For Vinyl Coated, Add	*1,508.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0620	EA	5' High x 15' Wide Galvanized Cantilever Sliding Gate	6,780.72	713.07
		For 1" Mesh Fabric, Add	*2,329.24*	
		For 1-1/4" Mesh Fabric, Add	*1,499.28*	
		For 1-3/4" Mesh Fabric, Add	*931.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-465.85*	
		For Gate With Single Barb Wire Arm, Add	*589.00*	
		For Gate With Double Barb Wire Arm, Add	*856.73*	
		For Aluminized Steel Gate And Post, Add	*2,570.19*	
		For Powder Coated Gate And Post, Add	*1,124.46*	
		For Vinyl Coated, Add	*1,606.37*	
32 31 13 13-0621	EA	5' High x 20' Wide Galvanized Cantilever Sliding Gate	7,970.03	950.76
		For 1" Mesh Fabric, Add	*2,639.80*	
		For 1-1/4" Mesh Fabric, Add	*1,699.18*	
		For 1-3/4" Mesh Fabric, Add	*1,055.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-527.96*	
		For Gate With Single Barb Wire Arm, Add	*667.54*	
		For Gate With Double Barb Wire Arm, Add	*970.96*	
		For Aluminized Steel Gate And Post, Add	*2,912.88*	
		For Powder Coated Gate And Post, Add	*1,274.39*	
		For Vinyl Coated, Add	*1,820.55*	
32 31 13 13-0622	EA	6' High x 15' Wide Galvanized Cantilever Sliding Gate	7,416.09	950.76
		For 1" Mesh Fabric, Add	*2,398.84*	
		For 1-1/4" Mesh Fabric, Add	*1,544.08*	
		For 1-3/4" Mesh Fabric, Add	*959.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-479.77*	
		For Gate With Single Barb Wire Arm, Add	*606.60*	
		For Gate With Double Barb Wire Arm, Add	*882.33*	
		For Aluminized Steel Gate And Post, Add	*2,646.99*	
		For Powder Coated Gate And Post, Add	*1,158.06*	
		For Vinyl Coated, Add	*1,654.37*	
32 31 13 13-0623	EA	6' High x 20' Wide Galvanized Cantilever Sliding Gate	8,706.26	1,247.88
		For 1" Mesh Fabric, Add	*2,701.57*	
		For 1-1/4" Mesh Fabric, Add	*1,738.94*	
		For 1-3/4" Mesh Fabric, Add	*1,080.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-540.31*	
		For Gate With Single Barb Wire Arm, Add	*683.16*	
		For Gate With Double Barb Wire Arm, Add	*993.68*	
		For Aluminized Steel Gate And Post, Add	*2,981.04*	
		For Powder Coated Gate And Post, Add	*1,304.21*	
		For Vinyl Coated, Add	*1,863.15*	
32 31 13 13-0624	EA	6' High x 25' Wide Galvanized Cantilever Sliding Gate	11,530.94	1,544.98
		For 1" Mesh Fabric, Add	*3,671.82*	
		For 1-1/4" Mesh Fabric, Add	*2,363.47*	
		For 1-3/4" Mesh Fabric, Add	*1,468.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-734.36*	
		For Gate With Single Barb Wire Arm, Add	*928.51*	
		For Gate With Double Barb Wire Arm, Add	*1,350.56*	
		For Aluminized Steel Gate And Post, Add	*4,051.67*	
		For Powder Coated Gate And Post, Add	*1,772.60*	
		For Vinyl Coated, Add	*2,532.29*	
32 31 13 13-0625	EA	6' High x 30' Wide Galvanized Cantilever Sliding Gate	12,999.85	1,842.10
		For 1" Mesh Fabric, Add	*4,052.31*	
		For 1-1/4" Mesh Fabric, Add	*2,608.38*	
		For 1-3/4" Mesh Fabric, Add	*1,620.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-810.46*	
		For Gate With Single Barb Wire Arm, Add	*1,024.72*	
		For Gate With Double Barb Wire Arm, Add	*1,490.51*	
		For Aluminized Steel Gate And Post, Add	*4,471.52*	
		For Powder Coated Gate And Post, Add	*1,956.29*	
		For Vinyl Coated, Add	*2,794.70*	
32 31 13 13-0626	EA	8' High x 15' Wide Galvanized Cantilever Sliding Gate	8,686.18	1,188.45
		For 1" Mesh Fabric, Add	*2,744.53*	
		For 1-1/4" Mesh Fabric, Add	*1,766.60*	
		For 1-3/4" Mesh Fabric, Add	*1,097.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-548.91*	
		For Gate With Single Barb Wire Arm, Add	*694.02*	
		For Gate With Double Barb Wire Arm, Add	*1,009.48*	
		For Aluminized Steel Gate And Post, Add	*3,028.45*	
		For Powder Coated Gate And Post, Add	*1,324.95*	
		For Vinyl Coated, Add	*1,892.78*	
32 31 13 13-0627	EA	8' High x 20' Wide Galvanized Cantilever Sliding Gate	10,313.13	1,604.40
		For 1" Mesh Fabric, Add	*3,090.37*	
		For 1-1/4" Mesh Fabric, Add	*1,989.21*	
		For 1-3/4" Mesh Fabric, Add	*1,236.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-618.07*	
		For Gate With Single Barb Wire Arm, Add	*781.47*	
		For Gate With Double Barb Wire Arm, Add	*1,136.69*	
		For Aluminized Steel Gate And Post, Add	*3,410.07*	
		For Powder Coated Gate And Post, Add	*1,491.91*	
		For Vinyl Coated, Add	*2,131.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0628	EA	8' High x 25' Wide Galvanized Cantilever Sliding Gate	13,696.45	2,020.37
		For 1" Mesh Fabric, Add	*4,200.24*	
		For 1-1/4" Mesh Fabric, Add	*2,703.60*	
		For 1-3/4" Mesh Fabric, Add	*1,680.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-840.05*	
		For Gate With Single Barb Wire Arm, Add	*1,062.13*	
		For Gate With Double Barb Wire Arm, Add	*1,544.92*	
		For Aluminized Steel Gate And Post, Add	*4,634.75*	
		For Powder Coated Gate And Post, Add	*2,027.70*	
		For Vinyl Coated, Add	*2,896.72*	
32 31 13 13-0629	EA	8' High x 30' Wide Galvanized Cantilever Sliding Gate	15,408.87	2,376.91
		For 1" Mesh Fabric, Add	*4,634.96*	
		For 1-1/4" Mesh Fabric, Add	*2,983.42*	
		For 1-3/4" Mesh Fabric, Add	*1,853.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-926.99*	
		For Gate With Single Barb Wire Arm, Add	*1,172.06*	
		For Gate With Double Barb Wire Arm, Add	*1,704.81*	
		For Aluminized Steel Gate And Post, Add	*5,114.43*	
		For Powder Coated Gate And Post, Add	*2,237.56*	
		For Vinyl Coated, Add	*3,196.52*	
32 31 13 13-0630		Gate Accessories *(32 31 13 13-0263)*		
32 31 13 13-0631	EA	Gate Center Stop, Cast Steel, Ground	47.55	
32 31 13 13-0632	EA	Gate Latch, Malleable Galvanized Steel	52.95	
32 31 13 13-0633	EA	Gate Keeper, Full Length, Galvanized Steel	244.90	
32 31 13 13-0634	EA	Gate Keeper Hold-Open For Cantilever Gate	104.05	19.15
32 31 13 13-0635	EA	Heavy Duty Gate Latch, Malleable Galvanized Steel	58.76	
32 31 13 13-0636	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate	827.66	
32 31 13 13-0637	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate	888.33	
32 31 13 13-0638	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate	949.00	
32 31 13 13-0639	LF	Aluminum V-Groove Gate Track	55.82	10.88
32 31 13 13-0640	LF	Galvanized Steel V-Groove Gate Track	42.68	10.88
32 31 13 13-0641		Vertical-Pivot Lift Gate *(32 31 13 13-0263)*		
		Note: Includes 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes operator. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate.		
32 31 13 13-0642	EA	5' High x 12' Wide Galvanized Vertical-Pivot Lift Gate	21,745.69	891.34
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
32 31 13 13-0643	EA	5' High x 14' Wide Galvanized Vertical-Pivot Lift Gate	22,102.23	1,069.61
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
32 31 13 13-0644	EA	5' High x 16' Wide Galvanized Vertical-Pivot Lift Gate	22,458.76	1,247.88
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*287.50*	
32 31 13 13-0645	EA	5' High x 18' Wide Galvanized Vertical-Pivot Lift Gate	23,065.62	1,426.15
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*317.50*	
32 31 13 13-0646	EA	5' High x 20' Wide Galvanized Vertical-Pivot Lift Gate	23,659.96	1,604.40
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*317.50*	
32 31 13 13-0647	EA	6' High x 12' Wide Galvanized Vertical-Pivot Lift Gate	22,768.62	1,158.74
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
32 31 13 13-0648	EA	6' High x 14' Wide Galvanized Vertical-Pivot Lift Gate	23,125.15	1,337.01
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
32 31 13 13-0649	EA	6' High x 16' Wide Galvanized Vertical-Pivot Lift Gate	23,481.69	1,515.27
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*287.50*	
32 31 13 13-0650	EA	6' High x 18' Wide Galvanized Vertical-Pivot Lift Gate	23,975.90	1,693.54
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*317.50*	
32 31 13 13-0651	EA	6' High x 20' Wide Galvanized Vertical-Pivot Lift Gate	24,682.89	1,871.81
		For Curb Notch, Add	*239.00*	
		For Prewired Loop Kit, Add	*245.00*	
		For Wind Bracing, Add	*317.50*	
32 31 13 13-0652		Accessories *(32 31 13 13)*		
32 31 13 13-0653		Barbed And Concertina Wire *(32 31 13 13-0652)*		
32 31 13 13-0654		Single Strand Barbed Wire *(32 31 13 13-0653)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0655	LF	Galvanized Barbed Wire, Per Strand Note: Includes clips. 4 points 12-1/2 Gauge, Class I.	1.08	0.51
		For >500 To 2,000, Deduct	*-0.10*	
		For >2,000, Deduct	*-0.16*	
32 31 13 13-0656	LF	Vinyl Coated Barbed Wire (Fused), Per Strand Note: Includes clips.	1.22	0.51
		For >500 To 2,000, Deduct	*-0.11*	
		For >2,000, Deduct	*-0.17*	
32 31 13 13-0657	EA	Barbed Wire Extension Arms 3 Strands (Single Arm)	11.82	8.06
32 31 13 13-0658	EA	Barbed Wire Extension Arms 6 Strands (Double Arm)	18.91	9.67
32 31 13 13-0659	EA	Barbed Wire Eye Tops (For Single Strand)	12.25	8.06
32 31 13 13-0660		Galvanized Steel Concertina (Razor) Wire, Single Coil *(32 31 13 13-0653)*		
32 31 13 13-0661	LF	18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	5.22	0.71
		For >500 To 1,500, Deduct	*-0.44*	
		For >1,500 To 5,000, Deduct	*-0.88*	
		For >5,000, Deduct	*-1.25*	
		For Ground Installation, Deduct	*-0.51*	
		For Double Coil (Helix), Add	*4.21*	
32 31 13 13-0662	LF	18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	7.87	0.71
		For >500 To 1,500, Deduct	*-0.67*	
		For >1,500 To 5,000, Deduct	*-1.33*	
		For >5,000, Deduct	*-1.88*	
		For Ground Installation, Deduct	*-0.76*	
		For Double Coil (Helix), Add	*6.36*	
32 31 13 13-0663	LF	18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	10.43	0.71
		For >500 To 1,500, Deduct	*-0.88*	
		For >1,500 To 5,000, Deduct	*-1.77*	
		For >5,000, Deduct	*-2.49*	
		For Ground Installation, Deduct	*-1.01*	
		For Double Coil (Helix), Add	*8.42*	
32 31 13 13-0664	LF	24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	9.06	0.71
		For >500 To 1,500, Deduct	*-0.74*	
		For >1,500 To 5,000, Deduct	*-1.47*	
		For >5,000, Deduct	*-2.04*	
		For Ground Installation, Deduct	*-0.56*	
		For Double Coil (Helix), Add	*7.94*	
32 31 13 13-0665	LF	24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	13.69	0.71
		For >500 To 1,500, Deduct	*-1.11*	
		For >1,500 To 5,000, Deduct	*-2.22*	
		For >5,000, Deduct	*-3.07*	
		For Ground Installation, Deduct	*-0.84*	
		For Double Coil (Helix), Add	*12.01*	
32 31 13 13-0666	LF	24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	18.08	0.71
		For >500 To 1,500, Deduct	*-1.47*	
		For >1,500 To 5,000, Deduct	*-2.93*	
		For >5,000, Deduct	*-4.06*	
		For Ground Installation, Deduct	*-1.11*	
		For Double Coil (Helix), Add	*15.86*	
32 31 13 13-0667	LF	30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	29.27	0.71
		For >500 To 1,500, Deduct	*-2.26*	
		For >1,500 To 5,000, Deduct	*-4.52*	
		For >5,000, Deduct	*-6.11*	
		For Ground Installation, Deduct	*-0.63*	
		For Double Coil (Helix), Add	*28.02*	
32 31 13 13-0668	LF	30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	44.31	0.71
		For >500 To 1,500, Deduct	*-3.42*	
		For >1,500 To 5,000, Deduct	*-6.84*	
		For >5,000, Deduct	*-9.24*	
		For Ground Installation, Deduct	*-0.95*	
		For Double Coil (Helix), Add	*42.42*	
32 31 13 13-0669	LF	30" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	58.55	0.71
		For >500 To 1,500, Deduct	*-4.52*	
		For >1,500 To 5,000, Deduct	*-9.03*	
		For >5,000, Deduct	*-12.21*	
		For Ground Installation, Deduct	*-1.26*	
		For Double Coil (Helix), Add	*56.03*	
32 31 13 13-0670		Stainless Steel Concertina (Razor) Wire, Single Coil *(32 31 13 13-0653)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0671	LF	18" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	9.81	0.71
		For >500 To 1,500, Deduct	*-0.79*	
		For >1,500 To 5,000, Deduct	*-1.57*	
		For >5,000, Deduct	*-2.16*	
		For Ground Installation, Deduct	*-0.51*	
		For Double Coil (Helix), Add	*8.80*	
32 31 13 13-0672	LF	18" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	14.83	0.71
		For >500 To 1,500, Deduct	*-1.19*	
		For >1,500 To 5,000, Deduct	*-2.38*	
		For >5,000, Deduct	*-3.27*	
		For Ground Installation, Deduct	*-0.76*	
		For Double Coil (Helix), Add	*13.32*	
32 31 13 13-0673	LF	18" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	19.62	0.71
		For >500 To 1,500, Deduct	*-1.57*	
		For >1,500 To 5,000, Deduct	*-3.14*	
		For >5,000, Deduct	*-4.33*	
		For Ground Installation, Deduct	*-1.01*	
		For Double Coil (Helix), Add	*17.61*	
32 31 13 13-0674	LF	24" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	12.96	0.71
		For >500 To 1,500, Deduct	*-1.03*	
		For >1,500 To 5,000, Deduct	*-2.06*	
		For >5,000, Deduct	*-2.82*	
		For Ground Installation, Deduct	*-0.56*	
		For Double Coil (Helix), Add	*11.84*	
32 31 13 13-0675	LF	24" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	19.60	0.71
		For >500 To 1,500, Deduct	*-1.55*	
		For >1,500 To 5,000, Deduct	*-3.11*	
		For >5,000, Deduct	*-4.26*	
		For Ground Installation, Deduct	*-0.84*	
		For Double Coil (Helix), Add	*17.92*	
32 31 13 13-0676	LF	24" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	25.87	0.71
		For >500 To 1,500, Deduct	*-2.05*	
		For >1,500 To 5,000, Deduct	*-4.10*	
		For >5,000, Deduct	*-5.62*	
		For Ground Installation, Deduct	*-1.11*	
		For Double Coil (Helix), Add	*23.65*	
32 31 13 13-0677	LF	30" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	44.01	0.71
		For >500 To 1,500, Deduct	*-3.36*	
		For >1,500 To 5,000, Deduct	*-6.73*	
		For >5,000, Deduct	*-9.05*	
		For Ground Installation, Deduct	*-0.63*	
		For Double Coil (Helix), Add	*42.76*	
32 31 13 13-0678	LF	30" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	66.66	0.71
		For >500 To 1,500, Deduct	*-5.09*	
		For >1,500 To 5,000, Deduct	*-10.19*	
		For >5,000, Deduct	*-13.71*	
		For Ground Installation, Deduct	*-0.95*	
		For Double Coil (Helix), Add	*64.77*	
32 31 13 13-0679	LF	30" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	88.04	0.71
		For >500 To 1,500, Deduct	*-6.73*	
		For >1,500 To 5,000, Deduct	*-13.46*	
		For >5,000, Deduct	*-18.11*	
		For Ground Installation, Deduct	*-1.26*	
		For Double Coil (Helix), Add	*85.52*	

32 31 13 13-0680 Grounding For Gates *(32 31 13 13-0652)*

Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.

32 31 13 13-0681	OPNG	Grounding For Gates (Per Opening)	456.57	

32 31 13 13-0682 Coiled Spring Reinforcing Wire *(32 31 13 13-0652)*

32 31 13 13-0683 Galvanized Steel *(32 31 13 13-0682)*

32 31 13 13-0684	LF	7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	1.19	0.51

32 31 13 13-0685 Vinyl Coated Steel *(32 31 13 13-0682)*

32 31 13 13-0686	LF	9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring	1.19	0.51

32 31 13 13-0687 Bending Of Fabric Around Pipe Railings *(32 31 13 13-0652)*

Note: Only where specified.

32 31 13 13-0688	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Top	1.60	
32 31 13 13-0689	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Bottom	1.39	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0690		**Mounting Plate With Anchors Or Bolts** *(32 31 13 13-0652)*		
		Note: For drilling for anchor or bolts, installing post on or against flat surface.		
32 31 13 13-0691	EA	Mounting Plate For 1-5/8" Diameter Post	45.24	
32 31 13 13-0692	EA	Mounting Plate For 2" Diameter Post	45.99	
32 31 13 13-0693	EA	Mounting Plate For 2-1/2" Diameter Post	47.28	
32 31 13 13-0694	EA	Mounting Plate For 3" Diameter Post	57.00	
32 31 13 13-0695	EA	Mounting Plate For 4" Diameter Post	65.55	
32 31 13 13-0696	EA	Mounting Plate For 6-5/8" Diameter Post	75.97	
32 31 13 13-0697	EA	Mounting Plate For 8-5/8" Diameter Post	89.59	
32 31 13 13-0698		**Tension Bar** *(32 31 13 13-0652)*		
32 31 13 13-0699	EA	3' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	16.10	
32 31 13 13-0700	EA	3-1/2' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	17.13	
32 31 13 13-0701	EA	4' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	21.05	
32 31 13 13-0702	EA	5' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	24.37	
32 31 13 13-0703	EA	6' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	28.76	
32 31 13 13-0704	EA	7' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	33.34	
32 31 13 13-0705	EA	8' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	37.68	
32 31 13 13-0706	EA	9' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	45.17	
32 31 13 13-0707	EA	10' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	54.05	
32 31 13 13-0708		**Truss Rods** *(32 31 13 13-0652)*		
32 31 13 13-0709	LF	3/8" Diameter Truss Rods	2.17	0.56
32 31 13 13-0710		**Fence And Gate Repair And Replacement** *(32 31 13 13)*		
32 31 13 13-0711		**Fence And Gate Parts Replacement** *(32 31 13 13-0710)*		
32 31 13 13-0712	EA	Cantilever Roller Assembly, Ball Bearing With Fittings, Replacement	126.20	
32 31 13 13-0713	EA	Sliding Gate Roller Assembly Replacement	123.82	
32 31 13 13-0714	EA	Rod And Lock Gate Keeper Replacement	125.57	
32 31 13 13-0715	EA	Galvanized Gate Holdback Replacement	27.94	
32 31 13 13-0716	LF	3/8" Cross Bracing Rod Replacement	1.62	
32 31 13 13-0717	LF	1-5/8" Diagonal Pipe Bracing Replacement	2.52	
32 31 13 13-0718	EA	2-3/8" To 2-1/2" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	27.39	
32 31 13 13-0719	EA	2-7/8" To 3" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	31.29	
32 31 13 13-0720	EA	3-1/2" To 4" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	35.30	
32 31 13 13-0721	EA	6-1/2" To 6-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	52.43	
32 31 13 13-0722	EA	8-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	130.01	
32 31 13 13-0723	EA	2-1/2" x 2" Off Set Gate Hinge Replacement	26.15	
32 31 13 13-0724	EA	3" x 2" Off Set Gate Hinge Replacement	27.29	
32 31 13 13-0725	EA	4" x 2" Off Set Gate Hinge Replacement	29.12	
32 31 13 13-0726	EA	6-5/8" x 2" Off Set Gate Hinge Replacement	47.44	
32 31 13 13-0727	EA	8-5/8" x 2" Off Set Gate Hinge Replacement	74.56	
32 31 13 13-0728	EA	1-5/8" Aluminum Die-Cast Post Cap Replacement	5.87	
32 31 13 13-0729	EA	2" Aluminum Die-Cast Post Cap Replacement	6.44	
32 31 13 13-0730	EA	2-1/2" Aluminum Die-Cast Post Cap Replacement	7.52	
32 31 13 13-0731	EA	3" Aluminum Die-Cast Post Cap Replacement	8.78	
32 31 13 13-0732	EA	2" Galvanized Post Cap Replacement	6.50	
32 31 13 13-0733	EA	2-1/2" Galvanized Post Cap Replacement	7.03	
32 31 13 13-0734	EA	3" Galvanized Post Cap Replacement	8.06	
32 31 13 13-0735	EA	4" Galvanized Post Cap Replacement	11.94	
32 31 13 13-0736	EA	6-5/8" Galvanized Post Cap Replacement	22.37	
32 31 13 13-0737	EA	8-5/8" Galvanized Post Cap Replacement	36.69	
32 31 13 13-0738	EA	1-5/8" Boulevard Clamp Replacement	10.85	
32 31 13 13-0739	EA	2" Boulevard Clamp Replacement	13.22	
32 31 13 13-0740	EA	2-1/2" Boulevard Clamp Replacement	15.52	
32 31 13 13-0741	EA	3" Boulevard Clamp Replacement	18.82	
32 31 13 13-0742	EA	1-5/8" Gate Brace Or End Rail Clamp Replacement	10.64	
32 31 13 13-0743	EA	2" Gate Brace Or End Rail Clamp Replacement	12.93	
32 31 13 13-0744	EA	2-1/2" Gate Brace Or End Rail Clamp Replacement	15.22	
32 31 13 13-0745	EA	3" Gate Brace Or End Rail Clamp Replacement	18.51	
32 31 13 13-0746	EA	1-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	11.09	
32 31 13 13-0747	EA	2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	11.34	
32 31 13 13-0748	EA	2-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	11.23	
32 31 13 13-0749	EA	3" Heavy Duty Galvanized Tension Band With Bolt, Replacement	11.41	
32 31 13 13-0750	EA	3-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	11.57	
32 31 13 13-0751	EA	4" Heavy Duty Galvanized Tension Band With Bolt, Replacement	12.02	
32 31 13 13-0752	EA	6-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	15.29	
32 31 13 13-0753	EA	1-3/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	11.00	
32 31 13 13-0754		**Removal And Reinstallation Of Chain Link Fences** *(32 31 13 13)*		
		Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work.		
32 31 13 13-0755	LF	Removal And Reinstallation Of Chain Link Fence Up To 5' Height	20.15	
32 31 13 13-0756	LF	Removal And Reinstallation Of Chain Link Fence 6' To 12' Height	30.23	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0757		Decorative Privacy Fence *(32 31 13 13)* Note: Includes fastener clips		
32 31 13 13-0758	LF	59", Faux Ivy Leaf Decorative Privacy Fence Note: Includes faux Ivy leaves closely attached to the mesh screen. Applied to fence, railing or wall	16.10	1.94
32 31 13 33		**Chain Link Backstops** *(32 31 13)*		
32 31 13 33-0001		Regulation Baseball Backstop *(32 31 13 33)* See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 33-0002	EA	20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Galvanized	12,615.96	2,023.20
32 31 13 33-0003	EA	34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Galvanized	18,212.34	2,697.61
32 31 13 33-0004	EA	48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Galvanized	23,228.91	3,147.21
32 31 13 33-0005	EA	20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Vinyl Coated	17,759.71	2,023.20
32 31 13 33-0006	EA	34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Vinyl Coated	25,909.01	2,697.61
32 31 13 33-0007	EA	48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Vinyl Coated	33,385.87	3,147.21
32 31 13 33-0008		Regulation Softball Backstop *(32 31 13 33)* See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 33-0009		14' High Softball Backstop *(32 31 13 33-0008)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0010	EA	14' Softball Backstop, Galvanized Regulation	10,741.67	2,066.83
32 31 13 33-0011	EA	14' Softball Backstop, Vinyl Coated Regulation	14,430.84	2,066.83
32 31 13 33-0012		18' High Softball Backstop *(32 31 13 33-0008)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0013	EA	18' Softball Backstop, Galvanized Regulation	12,543.98	2,297.75
32 31 13 33-0014	EA	18' Softball Backstop Vinyl Coated Regulation	17,006.69	2,297.75
32 31 13 33-0015		20' High Softball Backstop *(32 31 13 33-0008)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0016	EA	20' Softball Backstop, Galvanized Regulation	14,209.95	2,422.66
32 31 13 33-0017	EA	20' Softball Backstop, Vinyl Coated Regulation	19,505.75	2,422.66
32 31 13 33-0018		22' High Softball Backstop *(32 31 13 33-0008)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0019	EA	22' Softball Backstop, Galvanized Regulation	16,373.52	2,495.74
32 31 13 33-0020	EA	22' Softball Backstop, Vinyl Coated Regulation	22,740.32	2,495.74
32 31 13 33-0021		24' High Softball Backstop *(32 31 13 33-0008)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0022	EA	24' Softball Backstop, Galvanized Regulation	19,494.58	2,852.28
32 31 13 33-0023	EA	24' Softball Backstop, Vinyl Coated Regulation	27,408.46	2,852.28
32 31 16		**Welded Wire Fences and Gates** *(32 31)*		
32 31 16 00-0001		Welded Wire Fence *(32 31 16)*		
32 31 16 00-0002		12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh *(32 31 16 00-0001)* Note: Posts 5' on center.		
32 31 16 00-0003	LF	3' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	9.93	1.80
32 31 16 00-0004	LF	5' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	10.69	1.80
32 31 16 00-0005		14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh *(32 31 16 00-0001)* Note: Posts 5' on center.		
32 31 16 00-0006	LF	3' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	9.77	1.80
32 31 16 00-0007	LF	5' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	10.45	1.80
32 31 16 00-0008		Welded Galvanized Perforated Wired Metal Screen Panel *(32 31 16)*		
32 31 16 00-0009		16 Gauge Welded Galvanized Perforated Wired Metal Screen Panel *(32 31 16 00-0008)*		
32 31 16 00-0010	EA	7' High x 30' Wide, 16 Gauge Welded Galvanized Perforated Wired Metal Screen Panel Note: 40% Open Area	9,574.76	1,083.87
32 31 16 00-0011		Galvanized Steel Welded Wire Fence Assemblies *(32 31 16)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 16 00-0012		6 Gauge, 2" x 6" Mesh, Galvanized Steel Welded Wire Fence Assemblies *(32 31 16 00-0011)*		
		Note: Posts 8' on center.		
32 31 16 00-0013	LF	48" Height, 6 Gauge, 2" x 6" Mesh, Galvanized Steel Welded Wire Fence Assembly	45.49	1.80
		Note: 2" Square, 16 Gauge Posts at 8' Centers		
32 31 16 00-0014	LF	60" Height, 6 Gauge, 2" x 6" Mesh, Galvanized Steel Welded Wire Fence Assembly	54.26	1.80
		Note: 2" Square, 16 Gauge Posts at 8' Centers		
32 31 16 00-0015	LF	72" Height, 6 Gauge, 2" x 6" Mesh, Galvanized Steel Welded Wire Fence Assembly	60.75	1.80
		Note: 2" Square, 16 Gauge Posts at 8' Centers		
32 31 16 00-0016	LF	96" Height, 6 Gauge, 2" x 6" Mesh, Galvanized Steel Welded Wire Fence Assembly	85.44	1.80
		Note: 2-1/2" Square, 16 Gauge Posts at 8' Centers		
32 31 19		**Decorative Metal Fences and Gates** *(32 31)*		
		See CSI section 32 31 13 13-0001 for drilling and grouting.		
32 31 19 00-0001		Wrought Iron Fence *(32 31 19)*		
		Note: Factory primed.		
32 31 19 00-0002		Wrought Iron Fence, 3/4" Verticals At >3" To 4" On Center *(32 31 19 00-0001)*		
		Note: Factory primed.		
32 31 19 00-0003	LF	3' Wrought Iron Fence, Verticals At >3" To 4" On Center	61.56	11.08
		For Verticals Up To 2" On Center, Add	*12.60*	
		For Verticals >2" To 2-1/2" On Center, Add	*7.88*	
		For Verticals >2-1/2" To 3" On Center, Add	*3.15*	
		For Verticals >4" To 6" On Center, Deduct	*-3.55*	
		For Pickets Extending Above Top Rail, Add	*6.03*	
		For Curved Pickets Extending Above Top Rail, Add	*14.46*	
32 31 19 00-0004	LF	4' Wrought Iron Fence, Verticals At >3" To 4" On Center	79.43	14.11
		For Verticals Up To 2" On Center, Add	*16.71*	
		For Verticals >2" To 2-1/2" On Center, Add	*10.44*	
		For Verticals >2-1/2" To 3" On Center, Add	*4.18*	
		For Verticals >4" To 6" On Center, Deduct	*-4.70*	
		For Pickets Extending Above Top Rail, Add	*7.89*	
		For Curved Pickets Extending Above Top Rail, Add	*19.01*	
32 31 19 00-0005	LF	5' Wrought Iron Fence, Verticals At >3" To 4" On Center	95.45	14.71
		For Verticals Up To 2" On Center, Add	*21.07*	
		For Verticals >2" To 2-1/2" On Center, Add	*13.17*	
		For Verticals >2-1/2" To 3" On Center, Add	*5.27*	
		For Verticals >4" To 6" On Center, Deduct	*-5.92*	
		For Pickets Extending Above Top Rail, Add	*9.71*	
		For Curved Pickets Extending Above Top Rail, Add	*23.62*	
32 31 19 00-0006	LF	6' Wrought Iron Fence, Verticals At >3" To 4" On Center	115.69	17.73
		For Verticals Up To 2" On Center, Add	*25.64*	
		For Verticals >2" To 2-1/2" On Center, Add	*16.03*	
		For Verticals >2-1/2" To 3" On Center, Add	*6.41*	
		For Verticals >4" To 6" On Center, Deduct	*-7.21*	
		For Pickets Extending Above Top Rail, Add	*11.80*	
		For Curved Pickets Extending Above Top Rail, Add	*28.71*	
32 31 19 00-0007	LF	7' Wrought Iron Fence, Verticals At >3" To 4" On Center	137.15	18.77
		For Verticals Up To 2" On Center, Add	*31.88*	
		For Verticals >2" To 2-1/2" On Center, Add	*19.92*	
		For Verticals >2-1/2" To 3" On Center, Add	*7.97*	
		For Verticals >4" To 6" On Center, Deduct	*-8.96*	
		For Pickets Extending Above Top Rail, Add	*14.33*	
		For Curved Pickets Extending Above Top Rail, Add	*35.19*	
32 31 19 00-0008	LF	8' Wrought Iron Fence, Verticals At >3" To 4" On Center	158.57	19.75
		For Verticals Up To 2" On Center, Add	*38.10*	
		For Verticals >2" To 2-1/2" On Center, Add	*23.81*	
		For Verticals >2-1/2" To 3" On Center, Add	*9.53*	
		For Verticals >4" To 6" On Center, Deduct	*-10.72*	
		For Pickets Extending Above Top Rail, Add	*16.86*	
		For Curved Pickets Extending Above Top Rail, Add	*41.66*	
32 31 19 00-0009	LF	10' Wrought Iron Fence, Verticals At >3" To 4" On Center	194.32	22.17
		For Verticals Up To 2" On Center, Add	*47.99*	
		For Verticals >2" To 2-1/2" On Center, Add	*30.00*	
		For Verticals >2-1/2" To 3" On Center, Add	*12.00*	
		For Verticals >4" To 6" On Center, Deduct	*-13.50*	
		For Pickets Extending Above Top Rail, Add	*20.96*	
		For Curved Pickets Extending Above Top Rail, Add	*52.07*	
32 31 19 00-0010	LF	12' Wrought Iron Fence, Verticals At >3" To 4" On Center	230.49	25.19
		For Verticals Up To 2" On Center, Add	*57.63*	
		For Verticals >2" To 2-1/2" On Center, Add	*36.02*	
		For Verticals >2-1/2" To 3" On Center, Add	*14.41*	
		For Verticals >4" To 6" On Center, Deduct	*-16.21*	
		For Pickets Extending Above Top Rail, Add	*25.03*	
		For Curved Pickets Extending Above Top Rail, Add	*62.31*	
32 31 19 00-0011		Wrought Iron Gates *(32 31 19 00-0001)*		
		Note: Factory primed.		
32 31 19 00-0012		Single Wrought Iron Gates *(32 31 19 00-0011)*		
		Note: Factory primed.		
32 31 19 00-0013	LF	3' Single Wrought Iron Gate, Hardware And Associated Trim	76.23	13.50
32 31 19 00-0014	LF	4' Single Wrought Iron Gate, Hardware And Associated Trim	100.09	16.73
32 31 19 00-0015	LF	5' Single Wrought Iron Gate, Hardware And Associated Trim	122.88	20.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0016	LF	6' Single Wrought Iron Gate, Hardware And Associated Trim	149.58	24.18
32 31 19 00-0017	LF	8' Single Wrought Iron Gate, Hardware And Associated Trim	204.58	26.80
32 31 19 00-0018	LF	10' Single Wrought Iron Gate, Hardware And Associated Trim	249.69	29.62
32 31 19 00-0019	LF	12' Single Wrought Iron Gate, Hardware And Associated Trim	293.90	33.66
32 31 19 00-0020		**Double Wrought Iron Gates** *(32 31 19 00-0011)*		
		Note: Factory primed.		
32 31 19 00-0021	LF	3' Double Wrought Iron Gate, Hardware And Associated Trim	93.57	12.09
32 31 19 00-0022	LF	4' Double Wrought Iron Gate, Hardware And Associated Trim	123.16	15.12
32 31 19 00-0023	LF	5' Double Wrought Iron Gate, Hardware And Associated Trim	150.64	18.14
32 31 19 00-0024	LF	6' Double Wrought Iron Gate, Hardware And Associated Trim	182.95	21.77
32 31 19 00-0025	LF	8' Double Wrought Iron Gate, Hardware And Associated Trim	251.28	24.18
32 31 19 00-0026	LF	10' Double Wrought Iron Gate, Hardware And Associated Trim	307.17	26.60
32 31 19 00-0027	LF	12' Double Wrought Iron Gate, Hardware And Associated Trim	362.12	30.23
32 31 19 00-0028		**Repair Or Replace Wrought Iron Fence** *(32 31 19 00-0001)*		
32 31 19 00-0029	LF	Removal And Replacement Of Wrought Iron Picket	21.27	
32 31 19 00-0030	LF	Removal And Replacement Of Wrought Iron Post	32.47	
32 31 19 00-0031	EA	Straighten Wrought Iron Post	80.62	
32 31 19 00-0032		**Steel Tube Fence, Powder Coated** *(32 31 19)*		
		Note: Pickets are 3/4" square x 16 gauge.		
32 31 19 00-0033		**Steel Tube Fence, 2 Rail** *(32 31 19 00-0032)*		
32 31 19 00-0034	LF	3' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	72.09	11.08
		For Verticals Up To 2" On Center, Add	*10.07*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.04*	
		For Verticals >3" To 4" On Center, Deduct	*-5.04*	
		For Verticals >4" To 6" On Center, Deduct	*-10.07*	
		For Pickets Extending Above Top Rail, Add	*5.37*	
		For Curved Pickets Extending Above Top Rail, Add	*9.44*	
		For Solid Pickets, Add	*14.59*	
		For Aluminum With Satin Finish, Add	*11.85*	
		For Third Rail, Add	*3.78*	
		For 1" Square x 14 Gauge Pickets, Add	*12.59*	
		For 3" Square Posts, Add	*5.04*	
32 31 19 00-0035	LF	3'-6" Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	77.14	11.85
		For Verticals Up To 2" On Center, Add	*10.69*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.34*	
		For Verticals >3" To 4" On Center, Deduct	*-5.34*	
		For Verticals >4" To 6" On Center, Deduct	*-10.69*	
		For Pickets Extending Above Top Rail, Add	*5.73*	
		For Curved Pickets Extending Above Top Rail, Add	*10.06*	
		For Solid Pickets, Add	*15.58*	
		For Aluminum With Satin Finish, Add	*12.48*	
		For Third Rail, Add	*4.01*	
		For 1" Square x 14 Gauge Pickets, Add	*13.36*	
		For 3" Square Posts, Add	*5.34*	
32 31 19 00-0036	LF	4' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	81.63	13.10
		For Verticals Up To 2" On Center, Add	*11.19*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.60*	
		For Verticals >3" To 4" On Center, Deduct	*-5.60*	
		For Verticals >4" To 6" On Center, Deduct	*-11.19*	
		For Pickets Extending Above Top Rail, Add	*6.04*	
		For Curved Pickets Extending Above Top Rail, Add	*10.60*	
		For Solid Pickets, Add	*16.44*	
		For Aluminum With Satin Finish, Add	*12.93*	
		For Third Rail, Add	*4.20*	
		For 1" Square x 14 Gauge Pickets, Add	*13.99*	
		For 3" Square Posts, Add	*5.60*	
32 31 19 00-0037	LF	5' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	86.97	14.71
		For Verticals Up To 2" On Center, Add	*11.47*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.74*	
		For Verticals >3" To 4" On Center, Deduct	*-5.74*	
		For Verticals >4" To 6" On Center, Deduct	*-11.47*	
		For Pickets Extending Above Top Rail, Add	*6.36*	
		For Curved Pickets Extending Above Top Rail, Add	*11.11*	
		For Solid Pickets, Add	*17.35*	
		For Aluminum With Satin Finish, Add	*12.76*	
		For Third Rail, Add	*4.30*	
		For 1" Square x 14 Gauge Pickets, Add	*14.34*	
		For 3" Square Posts, Add	*5.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0038	LF	6' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	100.85	16.63
		For Verticals Up To 2" On Center, Add	*13.52*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.76*	
		For Verticals >3" To 4" On Center, Deduct	*-6.76*	
		For Verticals >4" To 6" On Center, Deduct	*-13.52*	
		For Pickets Extending Above Top Rail, Add	*7.41*	
		For Curved Pickets Extending Above Top Rail, Add	*12.97*	
		For Solid Pickets, Add	*20.20*	
		For Aluminum With Satin Finish, Add	*15.29*	
		For Third Rail, Add	*5.07*	
		For 1" Square x 14 Gauge Pickets, Add	*16.90*	
		For 3" Square Posts, Add	*6.76*	
32 31 19 00-0039	LF	7' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	115.47	18.14
		For Verticals Up To 2" On Center, Add	*15.84*	
		For Verticals >2" To 2-1/2" On Center, Add	*7.92*	
		For Verticals >3" To 4" On Center, Deduct	*-7.92*	
		For Verticals >4" To 6" On Center, Deduct	*-15.84*	
		For Pickets Extending Above Top Rail, Add	*8.55*	
		For Curved Pickets Extending Above Top Rail, Add	*15.00*	
		For Solid Pickets, Add	*23.26*	
		For Aluminum With Satin Finish, Add	*18.32*	
		For Third Rail, Add	*5.94*	
		For 1" Square x 14 Gauge Pickets, Add	*19.80*	
		For 4" Square Posts, Add	*27.72*	
32 31 19 00-0040	LF	8' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	130.29	19.75
		For Verticals Up To 2" On Center, Add	*18.16*	
		For Verticals >2" To 2-1/2" On Center, Add	*9.08*	
		For Verticals >3" To 4" On Center, Deduct	*-9.08*	
		For Verticals >4" To 6" On Center, Deduct	*-18.16*	
		For Pickets Extending Above Top Rail, Add	*9.69*	
		For Curved Pickets Extending Above Top Rail, Add	*17.03*	
		For Solid Pickets, Add	*26.35*	
		For Aluminum With Satin Finish, Add	*21.31*	
		For Third Rail, Add	*6.81*	
		For 1" Square x 14 Gauge Pickets, Add	*22.70*	
		For 4" Square Posts, Add	*31.78*	
32 31 19 00-0041	LF	9' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	151.50	21.16
		For Verticals Up To 2" On Center, Add	*21.83*	
		For Verticals >2" To 2-1/2" On Center, Add	*10.92*	
		For Verticals >3" To 4" On Center, Deduct	*-10.92*	
		For Verticals >4" To 6" On Center, Deduct	*-21.83*	
		For Pickets Extending Above Top Rail, Add	*11.40*	
		For Curved Pickets Extending Above Top Rail, Add	*20.10*	
		For Solid Pickets, Add	*30.91*	
		For Aluminum With Satin Finish, Add	*26.40*	
		For Third Rail, Add	*8.19*	
		For 1" Square x 14 Gauge Pickets, Add	*27.29*	
		For 4" Square Posts, Add	*38.21*	
32 31 19 00-0042	LF	10' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	172.90	22.67
		For Verticals Up To 2" On Center, Add	*25.51*	
		For Verticals >2" To 2-1/2" On Center, Add	*12.76*	
		For Verticals >3" To 4" On Center, Deduct	*-12.76*	
		For Verticals >4" To 6" On Center, Deduct	*-25.51*	
		For Pickets Extending Above Top Rail, Add	*13.11*	
		For Curved Pickets Extending Above Top Rail, Add	*23.17*	
		For Solid Pickets, Add	*35.50*	
		For Aluminum With Satin Finish, Add	*31.46*	
		For Third Rail, Add	*9.57*	
		For 1" Square x 14 Gauge Pickets, Add	*31.89*	
		For 6" Square Posts, Add	*44.64*	
32 31 19 00-0043	LF	12' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	203.67	25.19
		For Verticals Up To 2" On Center, Add	*30.66*	
		For Verticals >2" To 2-1/2" On Center, Add	*15.33*	
		For Verticals >3" To 4" On Center, Deduct	*-15.33*	
		For Verticals >4" To 6" On Center, Deduct	*-30.66*	
		For Pickets Extending Above Top Rail, Add	*15.55*	
		For Curved Pickets Extending Above Top Rail, Add	*27.54*	
		For Solid Pickets, Add	*42.05*	
		For Aluminum With Satin Finish, Add	*38.43*	
		For Third Rail, Add	*11.50*	
		For 1" Square x 14 Gauge Pickets, Add	*38.32*	
		For 6" Square Posts, Add	*53.65*	
32 31 19 00-0044	LF	14' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	218.16	27.21
		For Verticals Up To 2" On Center, Add	*32.75*	
		For Verticals >2" To 2-1/2" On Center, Add	*16.38*	
		For Verticals >3" To 4" On Center, Deduct	*-16.38*	
		For Verticals >4" To 6" On Center, Deduct	*-32.75*	
		For Pickets Extending Above Top Rail, Add	*16.64*	
		For Curved Pickets Extending Above Top Rail, Add	*29.46*	
		For Solid Pickets, Add	*45.01*	
		For Aluminum With Satin Finish, Add	*40.96*	
		For Third Rail, Add	*12.28*	
		For 1" Square x 14 Gauge Pickets, Add	*40.94*	
		For 6" Square Posts, Add	*57.31*	

32 31 19 00-0045 Steel Tube Swing Gates *(32 31 19 00-0032)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0046		3' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*		
32 31 19 00-0047	EA	3' Wide x 3' High Steel Tube Single Swing Gate	782.19	21.46
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*171.16*	
		For Aluminum With Satin Finish, Add	*205.64*	
		For Third Rail, Add	*53.83*	
		For 1" Square x 14 Gauge Pickets, Add	*71.77*	
32 31 19 00-0048	EA	3'-6" Wide x 3' High Steel Tube Single Swing Gate	870.80	22.48
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*190.87*	
		For Aluminum With Satin Finish, Add	*230.86*	
		For Third Rail, Add	*60.25*	
		For 1" Square x 14 Gauge Pickets, Add	*80.33*	
32 31 19 00-0049	EA	4' Wide x 3' High Steel Tube Single Swing Gate	964.30	23.78
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*211.60*	
		For Aluminum With Satin Finish, Add	*257.10*	
		For Third Rail, Add	*66.96*	
		For 1" Square x 14 Gauge Pickets, Add	*89.28*	
32 31 19 00-0050	EA	5' Wide x 3' High Steel Tube Single Swing Gate	1,014.07	25.50
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*222.42*	
		For Aluminum With Satin Finish, Add	*269.76*	
		For Third Rail, Add	*70.31*	
		For 1" Square x 14 Gauge Pickets, Add	*93.75*	
32 31 19 00-0051	EA	6' Wide x 3' High Steel Tube Single Swing Gate	1,132.28	30.54
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*247.89*	
		For Aluminum With Satin Finish, Add	*298.42*	
		For Third Rail, Add	*78.04*	
		For 1" Square x 14 Gauge Pickets, Add	*104.06*	
32 31 19 00-0052	EA	7' Wide x 3' High Steel Tube Single Swing Gate	1,203.79	35.57
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*262.84*	
		For Aluminum With Satin Finish, Add	*313.07*	
		For Third Rail, Add	*82.27*	
		For 1" Square x 14 Gauge Pickets, Add	*109.70*	
32 31 19 00-0053	EA	8' Wide x 3' High Steel Tube Single Swing Gate	1,313.27	40.91
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*286.27*	
		For Aluminum With Satin Finish, Add	*338.66*	
		For Third Rail, Add	*89.28*	
		For 1" Square x 14 Gauge Pickets, Add	*119.03*	
32 31 19 00-0054	EA	9' Wide x 3' High Steel Tube Single Swing Gate	1,408.13	45.94
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*306.48*	
		For Aluminum With Satin Finish, Add	*360.32*	
		For Third Rail, Add	*95.26*	
		For 1" Square x 14 Gauge Pickets, Add	*127.01*	
32 31 19 00-0055	EA	10' Wide x 3' High Steel Tube Single Swing Gate	1,491.32	50.98
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*324.06*	
		For Aluminum With Satin Finish, Add	*378.47*	
		For Third Rail, Add	*100.36*	
		For 1" Square x 14 Gauge Pickets, Add	*133.82*	
32 31 19 00-0056	EA	6' Wide x 3' High Steel Tube Double Swing Gate	1,636.16	42.92
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*358.46*	
		For Aluminum With Satin Finish, Add	*432.81*	
		For Third Rail, Add	*113.04*	
		For 1" Square x 14 Gauge Pickets, Add	*150.72*	
32 31 19 00-0057	EA	7' Wide x 3' High Steel Tube Double Swing Gate	1,743.55	44.94
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*382.17*	
		For Aluminum With Satin Finish, Add	*462.30*	
		For Third Rail, Add	*120.64*	
		For 1" Square x 14 Gauge Pickets, Add	*160.85*	
32 31 19 00-0058	EA	8' Wide x 3' High Steel Tube Double Swing Gate	1,928.60	47.66
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*423.20*	
		For Aluminum With Satin Finish, Add	*514.19*	
		For Third Rail, Add	*133.91*	
		For 1" Square x 14 Gauge Pickets, Add	*178.55*	
32 31 19 00-0059	EA	9' Wide x 3' High Steel Tube Double Swing Gate	2,021.16	49.37
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*443.65*	
		For Aluminum With Satin Finish, Add	*539.69*	
		For Third Rail, Add	*140.48*	
		For 1" Square x 14 Gauge Pickets, Add	*187.30*	
32 31 19 00-0060	EA	10' Wide x 3' High Steel Tube Double Swing Gate	2,096.22	50.98
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*460.16*	
		For Aluminum With Satin Finish, Add	*559.94*	
		For Third Rail, Add	*145.73*	
		For 1" Square x 14 Gauge Pickets, Add	*194.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0061	EA	12' Wide x 3' High Steel Tube Double Swing Gate	2,357.90	61.06
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*516.77*	
		For Aluminum With Satin Finish, Add	*624.84*	
		For Third Rail, Add	*163.09*	
		For 1" Square x 14 Gauge Pickets, Add	*217.45*	
32 31 19 00-0062	EA	14' Wide x 3' High Steel Tube Double Swing Gate	2,582.63	71.14
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*565.07*	
		For Aluminum With Satin Finish, Add	*678.66*	
		For Third Rail, Add	*177.68*	
		For 1" Square x 14 Gauge Pickets, Add	*236.90*	
32 31 19 00-0063	EA	16' Wide x 3' High Steel Tube Double Swing Gate	2,770.47	81.92
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*604.92*	
		For Aluminum With Satin Finish, Add	*720.50*	
		For Third Rail, Add	*189.35*	
		For 1" Square x 14 Gauge Pickets, Add	*252.46*	
32 31 19 00-0064	EA	18' Wide x 3' High Steel Tube Double Swing Gate	2,927.13	91.90
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*637.90*	
		For Aluminum With Satin Finish, Add	*753.90*	
		For Third Rail, Add	*198.83*	
		For 1" Square x 14 Gauge Pickets, Add	*265.10*	
32 31 19 00-0065	EA	20' Wide x 3' High Steel Tube Double Swing Gate	3,054.61	101.98
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*664.31*	
		For Aluminum With Satin Finish, Add	*778.53*	
		For Third Rail, Add	*206.12*	
		For 1" Square x 14 Gauge Pickets, Add	*274.83*	

32 31 19 00-0066 4' Fence Height Steel Tube Swing Gates, 2 Rail *(32.31 19 00-0045)*

32 31 19 00-0067	EA	3' Wide x 4' High Steel Tube Single Swing Gate	904.36	20.15
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*198.38*	
		For Aluminum With Satin Finish, Add	*240.70*	
		For Third Rail, Add	*62.73*	
		For 1" Square x 14 Gauge Pickets, Add	*83.64*	
32 31 19 00-0068	EA	3'-6" Wide x 4' High Steel Tube Single Swing Gate	978.86	23.48
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*214.95*	
		For Aluminum With Satin Finish, Add	*261.92*	
		For Third Rail, Add	*68.12*	
		For 1" Square x 14 Gauge Pickets, Add	*90.83*	
32 31 19 00-0069	EA	4' Wide x 4' High Steel Tube Single Swing Gate	1,055.86	25.19
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*231.90*	
		For Aluminum With Satin Finish, Add	*282.75*	
		For Third Rail, Add	*73.52*	
		For 1" Square x 14 Gauge Pickets, Add	*98.03*	
32 31 19 00-0070	EA	5' Wide x 4' High Steel Tube Single Swing Gate	1,119.25	26.80
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*245.78*	
		For Aluminum With Satin Finish, Add	*299.50*	
		For Third Rail, Add	*77.90*	
		For 1" Square x 14 Gauge Pickets, Add	*103.86*	
32 31 19 00-0071	EA	6' Wide x 4' High Steel Tube Single Swing Gate	1,205.39	32.25
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*263.96*	
		For Aluminum With Satin Finish, Add	*318.08*	
		For Third Rail, Add	*83.15*	
		For 1" Square x 14 Gauge Pickets, Add	*110.87*	
32 31 19 00-0072	EA	7' Wide x 4' High Steel Tube Single Swing Gate	1,322.64	37.58
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*289.13*	
		For Aluminum With Satin Finish, Add	*346.01*	
		For Third Rail, Add	*90.73*	
		For 1" Square x 14 Gauge Pickets, Add	*120.98*	
32 31 19 00-0073	EA	8' Wide x 4' High Steel Tube Single Swing Gate	1,484.64	42.92
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*324.37*	
		For Aluminum With Satin Finish, Add	*387.35*	
		For Third Rail, Add	*101.67*	
		For 1" Square x 14 Gauge Pickets, Add	*135.57*	
32 31 19 00-0074	EA	9' Wide x 4' High Steel Tube Single Swing Gate	1,642.75	48.37
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*358.74*	
		For Aluminum With Satin Finish, Add	*427.53*	
		For Third Rail, Add	*112.32*	
		For 1" Square x 14 Gauge Pickets, Add	*149.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0075	EA	10' Wide x 4' High Steel Tube Single Swing Gate	1,793.08	53.71
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*391.35*	
		For Aluminum With Satin Finish, Add	*465.38*	
		For Third Rail, Add	*122.39*	
		For 1" Square x 14 Gauge Pickets, Add	*163.19*	
32 31 19 00-0076	EA	6' Wide x 4' High Steel Tube Double Swing Gate	1,808.73	45.35
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*396.76*	
		For Aluminum With Satin Finish, Add	*481.41*	
		For Third Rail, Add	*125.45*	
		For 1" Square x 14 Gauge Pickets, Add	*167.27*	
32 31 19 00-0077	EA	7' Wide x 4' High Steel Tube Double Swing Gate	1,957.70	46.96
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*429.90*	
		For Aluminum With Satin Finish, Add	*523.83*	
		For Third Rail, Add	*136.25*	
		For 1" Square x 14 Gauge Pickets, Add	*181.66*	
32 31 19 00-0078	EA	8' Wide x 4' High Steel Tube Double Swing Gate	2,111.71	50.39
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*463.80*	
		For Aluminum With Satin Finish, Add	*565.50*	
		For Third Rail, Add	*147.04*	
		For 1" Square x 14 Gauge Pickets, Add	*196.06*	
32 31 19 00-0079	EA	9' Wide x 4' High Steel Tube Double Swing Gate	2,233.44	52.00
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*490.81*	
		For Aluminum With Satin Finish, Add	*599.75*	
		For Third Rail, Add	*155.79*	
		For 1" Square x 14 Gauge Pickets, Add	*207.73*	
32 31 19 00-0080	EA	10' Wide x 4' High Steel Tube Double Swing Gate	2,335.73	53.71
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*513.45*	
		For Aluminum With Satin Finish, Add	*628.17*	
		For Third Rail, Add	*163.09*	
		For 1" Square x 14 Gauge Pickets, Add	*217.45*	
32 31 19 00-0081	EA	12' Wide x 4' High Steel Tube Double Swing Gate	2,650.01	64.39
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*581.74*	
		For Aluminum With Satin Finish, Add	*707.94*	
		For Third Rail, Add	*184.24*	
		For 1" Square x 14 Gauge Pickets, Add	*245.65*	
32 31 19 00-0082	EA	14' Wide x 4' High Steel Tube Double Swing Gate	2,925.38	75.17
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*641.28*	
		For Aluminum With Satin Finish, Add	*776.04*	
		For Third Rail, Add	*202.47*	
		For 1" Square x 14 Gauge Pickets, Add	*269.97*	
32 31 19 00-0083	EA	16' Wide x 4' High Steel Tube Double Swing Gate	3,163.79	85.85
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*692.51*	
		For Aluminum With Satin Finish, Add	*833.06*	
		For Third Rail, Add	*217.94*	
		For 1" Square x 14 Gauge Pickets, Add	*290.58*	
32 31 19 00-0084	EA	18' Wide x 4' High Steel Tube Double Swing Gate	3,369.15	96.63
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*736.29*	
		For Aluminum With Satin Finish, Add	*880.15*	
		For Third Rail, Add	*230.92*	
		For 1" Square x 14 Gauge Pickets, Add	*307.89*	
32 31 19 00-0085	EA	20' Wide x 4' High Steel Tube Double Swing Gate	3,543.37	107.42
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*773.07*	
		For Aluminum With Satin Finish, Add	*917.91*	
		For Third Rail, Add	*241.57*	
		For 1" Square x 14 Gauge Pickets, Add	*322.09*	
32 31 19 00-0086		5' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*		
32 31 19 00-0087	EA	3' Wide x 5' High Steel Tube Single Swing Gate	984.69	23.48
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*216.26*	
		For Aluminum With Satin Finish, Add	*263.66*	
		For Third Rail, Add	*68.56*	
		For 1" Square x 14 Gauge Pickets, Add	*91.42*	
32 31 19 00-0088	EA	3'-6" Wide x 5' High Steel Tube Single Swing Gate	1,038.36	25.19
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*227.96*	
		For Aluminum With Satin Finish, Add	*277.50*	
		For Third Rail, Add	*72.21*	
		For 1" Square x 14 Gauge Pickets, Add	*96.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0089	EA	4' Wide x 5' High Steel Tube Single Swing Gate	1,090.08	26.80
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*239.22*	
		For Aluminum With Satin Finish, Add	*290.75*	
		For Third Rail, Add	*75.71*	
		For 1" Square x 14 Gauge Pickets, Add	*100.95*	
32 31 19 00-0090	EA	5' Wide x 5' High Steel Tube Single Swing Gate	1,165.13	28.52
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*255.73*	
		For Aluminum With Satin Finish, Add	*311.00*	
		For Third Rail, Add	*80.96*	
		For 1" Square x 14 Gauge Pickets, Add	*107.95*	
32 31 19 00-0091	EA	6' Wide x 5' High Steel Tube Single Swing Gate	1,265.89	34.26
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*277.12*	
		For Aluminum With Satin Finish, Add	*333.52*	
		For Third Rail, Add	*87.23*	
		For 1" Square x 14 Gauge Pickets, Add	*116.31*	
32 31 19 00-0092	EA	7' Wide x 5' High Steel Tube Single Swing Gate	1,399.72	39.90
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*305.94*	
		For Aluminum With Satin Finish, Add	*365.96*	
		For Third Rail, Add	*95.99*	
		For 1" Square x 14 Gauge Pickets, Add	*127.98*	
32 31 19 00-0093	EA	8' Wide x 5' High Steel Tube Single Swing Gate	1,587.08	45.94
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*346.74*	
		For Aluminum With Satin Finish, Add	*414.00*	
		For Third Rail, Add	*108.68*	
		For 1" Square x 14 Gauge Pickets, Add	*144.90*	
32 31 19 00-0094	EA	9' Wide x 5' High Steel Tube Single Swing Gate	1,769.53	51.69
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*386.51*	
		For Aluminum With Satin Finish, Add	*461.03*	
		For Third Rail, Add	*121.08*	
		For 1" Square x 14 Gauge Pickets, Add	*161.44*	
32 31 19 00-0095	EA	10' Wide x 5' High Steel Tube Single Swing Gate	1,948.09	57.34
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*425.40*	
		For Aluminum With Satin Finish, Add	*506.89*	
		For Third Rail, Add	*133.18*	
		For 1" Square x 14 Gauge Pickets, Add	*177.58*	
32 31 19 00-0096	EA	6' Wide x 5' High Steel Tube Double Swing Gate	1,941.36	39.60
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*428.33*	
		For Aluminum With Satin Finish, Add	*531.53*	
		For Third Rail, Add	*137.12*	
		For 1" Square x 14 Gauge Pickets, Add	*182.83*	
32 31 19 00-0097	EA	7' Wide x 5' High Steel Tube Double Swing Gate	2,055.50	46.15
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*452.60*	
		For Aluminum With Satin Finish, Add	*557.30*	
		For Third Rail, Add	*144.27*	
		For 1" Square x 14 Gauge Pickets, Add	*192.36*	
32 31 19 00-0098	EA	8' Wide x 5' High Steel Tube Double Swing Gate	2,170.76	53.10
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*477.03*	
		For Aluminum With Satin Finish, Add	*582.90*	
		For Third Rail, Add	*151.42*	
		For 1" Square x 14 Gauge Pickets, Add	*201.89*	
32 31 19 00-0099	EA	9' Wide x 5' High Steel Tube Double Swing Gate	2,329.65	59.75
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*511.37*	
		For Aluminum With Satin Finish, Add	*622.08*	
		For Third Rail, Add	*161.92*	
		For 1" Square x 14 Gauge Pickets, Add	*215.90*	
32 31 19 00-0100	EA	10' Wide x 5' High Steel Tube Double Swing Gate	2,469.08	66.30
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*541.33*	
		For Aluminum With Satin Finish, Add	*655.43*	
		For Third Rail, Add	*170.97*	
		For 1" Square x 14 Gauge Pickets, Add	*227.95*	
32 31 19 00-0101	EA	12' Wide x 5' High Steel Tube Double Swing Gate	2,811.06	73.76
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*616.69*	
		For Aluminum With Satin Finish, Add	*748.55*	
		For Third Rail, Add	*195.03*	
		For 1" Square x 14 Gauge Pickets, Add	*260.05*	
32 31 19 00-0102	EA	14' Wide x 5' High Steel Tube Double Swing Gate	3,118.32	81.82
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*684.08*	
		For Aluminum With Satin Finish, Add	*830.25*	
		For Third Rail, Add	*216.33*	
		For 1" Square x 14 Gauge Pickets, Add	*288.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0103	EA	16' Wide x 5' High Steel Tube Double Swing Gate	3,392.77	90.79
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*743.92*	
		For Aluminum With Satin Finish, Add	*901.11*	
		For Third Rail, Add	*235.01*	
		For 1" Square x 14 Gauge Pickets, Add	*313.34*	
32 31 19 00-0104	EA	18' Wide x 5' High Steel Tube Double Swing Gate	3,639.43	100.86
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*797.26*	
		For Aluminum With Satin Finish, Add	*962.14*	
		For Third Rail, Add	*251.34*	
		For 1" Square x 14 Gauge Pickets, Add	*335.12*	
32 31 19 00-0105	EA	20' Wide x 5' High Steel Tube Double Swing Gate	3,858.30	112.16
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*844.09*	
		For Aluminum With Satin Finish, Add	*1,013.34*	
		For Third Rail, Add	*265.35*	
		For 1" Square x 14 Gauge Pickets, Add	*353.80*	
32 31 19 00-0106		**6' Fence Height Steel Tube Swing Gates, 2 Rail** *(32 31 19 00-0045)*		
32 31 19 00-0107	EA	3' Wide x 6' High Steel Tube Single Swing Gate	1,024.81	25.80
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*224.76*	
		For Aluminum With Satin Finish, Add	*272.53*	
		For Third Rail, Add	*71.04*	
		For 1" Square x 14 Gauge Pickets, Add	*94.72*	
32 31 19 00-0108	EA	3'-6" Wide x 6' High Steel Tube Single Swing Gate	1,077.46	27.21
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*236.31*	
		For Aluminum With Satin Finish, Add	*286.51*	
		For Third Rail, Add	*74.69*	
		For 1" Square x 14 Gauge Pickets, Add	*99.58*	
32 31 19 00-0109	EA	4' Wide x 6' High Steel Tube Single Swing Gate	1,130.83	28.72
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*247.96*	
		For Aluminum With Satin Finish, Add	*300.38*	
		For Third Rail, Add	*78.33*	
		For 1" Square x 14 Gauge Pickets, Add	*104.45*	
32 31 19 00-0110	EA	5' Wide x 6' High Steel Tube Single Swing Gate	1,196.47	30.54
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*262.33*	
		For Aluminum With Satin Finish, Add	*317.67*	
		For Third Rail, Add	*82.86*	
		For 1" Square x 14 Gauge Pickets, Add	*110.48*	
32 31 19 00-0111	EA	6' Wide x 6' High Steel Tube Single Swing Gate	1,342.02	36.88
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*293.64*	
		For Aluminum With Satin Finish, Add	*352.73*	
		For Third Rail, Add	*92.34*	
		For 1" Square x 14 Gauge Pickets, Add	*123.12*	
32 31 19 00-0112	EA	7' Wide x 6' High Steel Tube Single Swing Gate	1,497.32	43.33
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*327.15*	
		For Aluminum With Satin Finish, Add	*390.71*	
		For Third Rail, Add	*102.55*	
		For 1" Square x 14 Gauge Pickets, Add	*136.73*	
32 31 19 00-0113	EA	8' Wide x 6' High Steel Tube Single Swing Gate	1,671.06	49.37
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*364.88*	
		For Aluminum With Satin Finish, Add	*434.66*	
		For Third Rail, Add	*114.22*	
		For 1" Square x 14 Gauge Pickets, Add	*152.29*	
32 31 19 00-0114	EA	9' Wide x 6' High Steel Tube Single Swing Gate	1,838.03	55.73
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*401.01*	
		For Aluminum With Satin Finish, Add	*476.14*	
		For Third Rail, Add	*125.31*	
		For 1" Square x 14 Gauge Pickets, Add	*167.08*	
32 31 19 00-0115	EA	10' Wide x 6' High Steel Tube Single Swing Gate	2,041.93	62.07
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*445.45*	
		For Aluminum With Satin Finish, Add	*528.70*	
		For Third Rail, Add	*139.16*	
		For 1" Square x 14 Gauge Pickets, Add	*185.55*	
32 31 19 00-0116	EA	6' Wide x 6' High Steel Tube Double Swing Gate	2,016.36	42.72
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*444.54*	
		For Aluminum With Satin Finish, Add	*550.04*	
		For Third Rail, Add	*142.08*	
		For 1" Square x 14 Gauge Pickets, Add	*189.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0117	EA	7' Wide x 6' High Steel Tube Double Swing Gate	2,134.66	50.08
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*469.58*	
		For Aluminum With Satin Finish, Add	*576.06*	
		For Third Rail, Add	*149.38*	
		For 1" Square x 14 Gauge Pickets, Add	*199.17*	
32 31 19 00-0118	EA	8' Wide x 6' High Steel Tube Double Swing Gate	2,251.87	57.04
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*494.45*	
		For Aluminum With Satin Finish, Add	*602.24*	
		For Third Rail, Add	*156.67*	
		For 1" Square x 14 Gauge Pickets, Add	*208.89*	
32 31 19 00-0119	EA	9' Wide x 6' High Steel Tube Double Swing Gate	2,393.52	64.39
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*524.74*	
		For Aluminum With Satin Finish, Add	*635.26*	
		For Third Rail, Add	*165.71*	
		For 1" Square x 14 Gauge Pickets, Add	*220.95*	
32 31 19 00-0120	EA	10' Wide x 6' High Steel Tube Double Swing Gate	2,616.86	71.75
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*573.41*	
		For Aluminum With Satin Finish, Add	*692.78*	
		For Third Rail, Add	*180.89*	
		For 1" Square x 14 Gauge Pickets, Add	*241.18*	
32 31 19 00-0121	EA	12' Wide x 6' High Steel Tube Double Swing Gate	3,069.97	79.91
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*673.62*	
		For Aluminum With Satin Finish, Add	*818.24*	
		For Third Rail, Add	*213.12*	
		For 1" Square x 14 Gauge Pickets, Add	*284.16*	
32 31 19 00-0122	EA	14' Wide x 6' High Steel Tube Double Swing Gate	3,213.28	89.27
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*703.87*	
		For Aluminum With Satin Finish, Add	*849.26*	
		For Third Rail, Add	*221.88*	
		For 1" Square x 14 Gauge Pickets, Add	*295.83*	
32 31 19 00-0123	EA	16' Wide x 6' High Steel Tube Double Swing Gate	3,528.02	99.35
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*772.52*	
		For Aluminum With Satin Finish, Add	*930.71*	
		For Third Rail, Add	*243.32*	
		For 1" Square x 14 Gauge Pickets, Add	*324.43*	
32 31 19 00-0124	EA	18' Wide x 6' High Steel Tube Double Swing Gate	3,816.90	110.54
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*835.11*	
		For Aluminum With Satin Finish, Add	*1,002.92*	
		For Third Rail, Add	*262.58*	
		For 1" Square x 14 Gauge Pickets, Add	*350.10*	
32 31 19 00-0125	EA	20' Wide x 6' High Steel Tube Double Swing Gate	4,084.94	123.34
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*892.68*	
		For Aluminum With Satin Finish, Add	*1,066.87*	
		For Third Rail, Add	*279.93*	
		For 1" Square x 14 Gauge Pickets, Add	*373.25*	
32 31 19 00-0126		7' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*		
32 31 19 00-0127	EA	3' Wide x 7' High Steel Tube Single Swing Gate	1,085.62	27.91
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*237.97*	
		For Aluminum With Satin Finish, Add	*287.91*	
		For Third Rail, Add	*75.13*	
		For 1" Square x 14 Gauge Pickets, Add	*100.17*	
32 31 19 00-0128	EA	3'-6" Wide x 7' High Steel Tube Single Swing Gate	1,140.61	29.42
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*250.01*	
		For Aluminum With Satin Finish, Add	*302.42*	
		For Third Rail, Add	*78.92*	
		For 1" Square x 14 Gauge Pickets, Add	*105.22*	
32 31 19 00-0129	EA	4' Wide x 7' High Steel Tube Single Swing Gate	1,195.84	30.93
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*262.09*	
		For Aluminum With Satin Finish, Add	*316.89*	
		For Third Rail, Add	*82.71*	
		For 1" Square x 14 Gauge Pickets, Add	*110.28*	
32 31 19 00-0130	EA	5' Wide x 7' High Steel Tube Single Swing Gate	1,251.12	32.54
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*274.17*	
		For Aluminum With Satin Finish, Add	*331.35*	
		For Third Rail, Add	*86.50*	
		For 1" Square x 14 Gauge Pickets, Add	*115.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0131	EA	6' Wide x 7' High Steel Tube Single Swing Gate	1,447.35	39.60
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*316.74*	
		For Aluminum With Satin Finish, Add	*380.70*	
		For Third Rail, Add	*99.63*	
		For 1" Square x 14 Gauge Pickets, Add	*132.84*	
32 31 19 00-0132	EA	7' Wide x 7' High Steel Tube Single Swing Gate	1,626.97	46.35
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*355.64*	
		For Aluminum With Satin Finish, Add	*425.52*	
		For Third Rail, Add	*111.59*	
		For 1" Square x 14 Gauge Pickets, Add	*148.79*	
32 31 19 00-0133	EA	8' Wide x 7' High Steel Tube Single Swing Gate	1,757.06	53.30
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*383.32*	
		For Aluminum With Satin Finish, Add	*455.02*	
		For Third Rail, Add	*119.76*	
		For 1" Square x 14 Gauge Pickets, Add	*159.68*	
32 31 19 00-0134	EA	9' Wide x 7' High Steel Tube Single Swing Gate	1,905.59	60.06
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*415.23*	
		For Aluminum With Satin Finish, Add	*490.51*	
		For Third Rail, Add	*129.39*	
		For 1" Square x 14 Gauge Pickets, Add	*172.52*	
32 31 19 00-0135	EA	10' Wide x 7' High Steel Tube Single Swing Gate	2,088.18	67.11
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*454.73*	
		For Aluminum With Satin Finish, Add	*535.77*	
		For Third Rail, Add	*141.50*	
		For 1" Square x 14 Gauge Pickets, Add	*188.67*	
32 31 19 00-0136	EA	6' Wide x 7' High Steel Tube Double Swing Gate	2,134.15	45.75
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*470.37*	
		For Aluminum With Satin Finish, Add	*581.39*	
		For Third Rail, Add	*150.25*	
		For 1" Square x 14 Gauge Pickets, Add	*200.34*	
32 31 19 00-0137	EA	7' Wide x 7' High Steel Tube Double Swing Gate	2,257.45	53.51
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*496.45*	
		For Aluminum With Satin Finish, Add	*608.40*	
		For Third Rail, Add	*157.84*	
		For 1" Square x 14 Gauge Pickets, Add	*210.45*	
32 31 19 00-0138	EA	8' Wide x 7' High Steel Tube Double Swing Gate	2,381.87	61.67
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*522.70*	
		For Aluminum With Satin Finish, Add	*635.25*	
		For Third Rail, Add	*165.42*	
		For 1" Square x 14 Gauge Pickets, Add	*220.56*	
32 31 19 00-0139	EA	9' Wide x 7' High Steel Tube Double Swing Gate	2,507.13	69.42
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*549.22*	
		For Aluminum With Satin Finish, Add	*662.85*	
		For Third Rail, Add	*173.15*	
		For 1" Square x 14 Gauge Pickets, Add	*230.87*	
32 31 19 00-0140	EA	10' Wide x 7' High Steel Tube Double Swing Gate	2,824.09	77.59
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*618.79*	
		For Aluminum With Satin Finish, Add	*747.47*	
		For Third Rail, Add	*195.18*	
		For 1" Square x 14 Gauge Pickets, Add	*260.24*	
32 31 19 00-0141	EA	12' Wide x 7' High Steel Tube Double Swing Gate	3,415.58	86.56
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*749.97*	
		For Aluminum With Satin Finish, Add	*913.44*	
		For Third Rail, Add	*237.63*	
		For 1" Square x 14 Gauge Pickets, Add	*316.84*	
32 31 19 00-0142	EA	14' Wide x 7' High Steel Tube Double Swing Gate	3,375.49	97.04
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*738.70*	
		For Aluminum With Satin Finish, Add	*887.95*	
		For Third Rail, Add	*232.38*	
		For 1" Square x 14 Gauge Pickets, Add	*309.84*	
32 31 19 00-0143	EA	16' Wide x 7' High Steel Tube Double Swing Gate	3,656.59	108.22
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*799.54*	
		For Aluminum With Satin Finish, Add	*957.81*	
		For Third Rail, Add	*251.05*	
		For 1" Square x 14 Gauge Pickets, Add	*334.73*	
32 31 19 00-0144	EA	18' Wide x 7' High Steel Tube Double Swing Gate	3,992.71	121.02
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*872.42*	
		For Aluminum With Satin Finish, Add	*1,042.19*	
		For Third Rail, Add	*273.52*	
		For 1" Square x 14 Gauge Pickets, Add	*364.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0145	EA	20' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	4,213.49	135.03
		For Solid Pickets, Add	*919.11*	
		For Aluminum With Satin Finish, Add	*1,090.47*	
		For Third Rail, Add	*287.08*	
		For 1" Square x 14 Gauge Pickets, Add	*382.78*	
32 31 19 00-0146		8' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*		
32 31 19 00-0147	EA	3' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,179.89	30.23
		For Solid Pickets, Add	*258.67*	
		For Aluminum With Satin Finish, Add	*313.16*	
		For Third Rail, Add	*81.69*	
		For 1" Square x 14 Gauge Pickets, Add	*108.92*	
32 31 19 00-0148	EA	3'-6" Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,237.45	31.84
		For Solid Pickets, Add	*271.25*	
		For Aluminum With Satin Finish, Add	*328.16*	
		For Third Rail, Add	*85.63*	
		For 1" Square x 14 Gauge Pickets, Add	*114.17*	
32 31 19 00-0149	EA	4' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,298.89	33.56
		For Solid Pickets, Add	*284.69*	
		For Aluminum With Satin Finish, Add	*344.32*	
		For Third Rail, Add	*89.86*	
		For 1" Square x 14 Gauge Pickets, Add	*119.81*	
32 31 19 00-0150	EA	5' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,353.27	37.39
		For Solid Pickets, Add	*296.06*	
		For Aluminum With Satin Finish, Add	*355.42*	
		For Third Rail, Add	*93.07*	
		For 1" Square x 14 Gauge Pickets, Add	*124.09*	
32 31 19 00-0151	EA	6' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,601.28	42.33
		For Solid Pickets, Add	*350.77*	
		For Aluminum With Satin Finish, Add	*423.25*	
		For Third Rail, Add	*110.57*	
		For 1" Square x 14 Gauge Pickets, Add	*147.43*	
32 31 19 00-0152	EA	7' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,781.12	50.98
		For Solid Pickets, Add	*389.27*	
		For Aluminum With Satin Finish, Add	*465.41*	
		For Third Rail, Add	*122.10*	
		For 1" Square x 14 Gauge Pickets, Add	*162.80*	
32 31 19 00-0153	EA	8' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,858.84	59.35
		For Solid Pickets, Add	*404.86*	
		For Aluminum With Satin Finish, Add	*477.39*	
		For Third Rail, Add	*126.04*	
		For 1" Square x 14 Gauge Pickets, Add	*168.05*	
32 31 19 00-0154	EA	9' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,992.02	68.12
		For Solid Pickets, Add	*432.86*	
		For Aluminum With Satin Finish, Add	*505.55*	
		For Third Rail, Add	*134.06*	
		For 1" Square x 14 Gauge Pickets, Add	*178.75*	
32 31 19 00-0155	EA	10' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	2,107.67	76.89
		For Solid Pickets, Add	*456.92*	
		For Aluminum With Satin Finish, Add	*528.46*	
		For Third Rail, Add	*140.77*	
		For 1" Square x 14 Gauge Pickets, Add	*187.69*	
32 31 19 00-0156	EA	6' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,320.00	48.87
		For Solid Pickets, Add	*511.53*	
		For Aluminum With Satin Finish, Add	*633.15*	
		For Third Rail, Add	*163.53*	
		For 1" Square x 14 Gauge Pickets, Add	*218.03*	
32 31 19 00-0157	EA	7' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,457.74	58.95
		For Solid Pickets, Add	*540.36*	
		For Aluminum With Satin Finish, Add	*661.51*	
		For Third Rail, Add	*171.69*	
		For 1" Square x 14 Gauge Pickets, Add	*228.93*	
32 31 19 00-0158	EA	8' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,592.43	68.62
		For Solid Pickets, Add	*568.58*	
		For Aluminum With Satin Finish, Add	*689.44*	
		For Third Rail, Add	*179.72*	
		For 1" Square x 14 Gauge Pickets, Add	*239.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0159	EA	9' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,704.89	78.80
		For Solid Pickets, Add	*591.72*	
		For Aluminum With Satin Finish, Add	*710.21*	
		For Third Rail, Add	*185.99*	
		For 1" Square x 14 Gauge Pickets, Add	*247.99*	
32 31 19 00-0160	EA	10' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,144.10	88.88
		For Solid Pickets, Add	*688.39*	
		For Aluminum With Satin Finish, Add	*829.01*	
		For Third Rail, Add	*216.77*	
		For 1" Square x 14 Gauge Pickets, Add	*289.03*	
32 31 19 00-0161	EA	12' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,921.17	100.06
		For Solid Pickets, Add	*860.82*	
		For Aluminum With Satin Finish, Add	*1,047.66*	
		For Third Rail, Add	*272.64*	
		For 1" Square x 14 Gauge Pickets, Add	*363.52*	
32 31 19 00-0162	EA	14' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,580.44	112.85
		For Solid Pickets, Add	*781.41*	
		For Aluminum With Satin Finish, Add	*928.98*	
		For Third Rail, Add	*244.34*	
		For 1" Square x 14 Gauge Pickets, Add	*325.79*	
32 31 19 00-0163	EA	16' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,832.61	127.67
		For Solid Pickets, Add	*834.99*	
		For Aluminum With Satin Finish, Add	*985.68*	
		For Third Rail, Add	*260.10*	
		For 1" Square x 14 Gauge Pickets, Add	*346.79*	
32 31 19 00-0164	EA	18' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	4,223.42	143.90
		For Solid Pickets, Add	*919.43*	
		For Aluminum With Satin Finish, Add	*1,081.98*	
		For Third Rail, Add	*285.92*	
		For 1" Square x 14 Gauge Pickets, Add	*381.22*	
32 31 19 00-0165	EA	20' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	4,306.64	162.13
		For Solid Pickets, Add	*934.25*	
		For Aluminum With Satin Finish, Add	*1,083.50*	
		For Third Rail, Add	*288.25*	
		For 1" Square x 14 Gauge Pickets, Add	*384.33*	

32 31 19 00-0166 Replace Steel Tube Fence Pickets *(32 31 19 00-0032)*

32 31 19 00-0167	LF	Removal And Replacement Of 3/4" Square x 16 Gauge Steel Tube Fence Picket	28.75	
		For 1" Square x 14 Gauge Pickets, Add	*0.86*	

32 31 19 00-0168 Removal And Reinstallation Of Ornamental Fences *(32 31 19)*

Note: Including storage and cleaning. Excludes augering and concrete.

32 31 19 00-0169	LF	Removal And Reinstallation Of Ornamental Fence Up To 5' Height	45.35	
32 31 19 00-0170	LF	Removal And Reinstallation Of Ornamental Fence, 6' Height	49.88	
32 31 19 00-0171	LF	Removal And Reinstallation Of Ornamental Fence, 7' Height	54.41	
32 31 19 00-0172	LF	Removal And Reinstallation Of Ornamental Fence, 8' Height	58.95	
32 31 19 00-0173	LF	Removal And Reinstallation Of Ornamental Fence, 9' Height	63.48	
32 31 19 00-0174	LF	Removal And Reinstallation Of Ornamental Fence, 10' Height	68.01	
32 31 19 00-0175	LF	Removal And Reinstallation Of Ornamental Fence 12' Height	75.58	

32 31 23 Plastic Fences and Gates *(32 31)*

32 31 23 00-0001 Vinyl Fence *(32 31 23)*

32 31 23 00-0002 Privacy Tongue And Groove Vinyl Fence *(32 31 23 00-0001)*

Note: With 1-1/2" x 5-1/2" top and bottom rails, 5" x 5" posts installed 7' centers. Post includes flat cap.

32 31 23 00-0003	LF	3' High Privacy Tongue And Groove Vinyl Fence	53.78	5.03
32 31 23 00-0004	LF	4' High Privacy Tongue And Groove Vinyl Fence	60.13	6.04
32 31 23 00-0005	LF	5' High Privacy Tongue And Groove Vinyl Fence	67.04	7.03
32 31 23 00-0006	LF	6' High Privacy Tongue And Groove Vinyl Fence	73.79	8.04

32 31 23 00-0007 Semi-Privacy 6" Picket Vinyl Fence *(32 31 23 00-0001)*

Note: With 1-1/2" x 5-1/2" top and bottom rails, 2" x 3-1/2" mid rail, 5" x 5" posts installed 6' centers. Post includes flat cap.

32 31 23 00-0008	LF	5' High Semi-Privacy 6" Picket Vinyl Fence	71.96	7.03
32 31 23 00-0009	LF	6' High Semi-Privacy 6" Picket Vinyl Fence	78.77	8.04

32 31 23 00-0010 Picket Straight Top Vinyl Fence *(32 31 23 00-0001)*

Note: With 2-1/2" x 3-1/2" top rail, 1-1/2" x 5-1/2" bottom rail, 1-3/8" x 1-3/8" or 1" x 3" pickets, 5" x 5" posts installed 6' centers. Post includes flat cap.

32 31 23 00-0011	LF	3' High Picket Straight Top Vinyl Fence	49.43	5.03
32 31 23 00-0012	LF	4' High Picket Straight Top Vinyl Fence	56.01	6.04
32 31 23 00-0013	LF	5' High Picket Straight Top Vinyl Fence	64.16	7.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 23 00-0014	LF	6' High Picket Straight Top Vinyl Fence	70.97	8.04
32 31 23 00-0015		**Picket Scalloped Top Vinyl Fence** *(32 31 23 00-0001)*		
		Note: With 2-1/2" x 3-1/2" top rail, 1-1/2" x 5-1/2" bottom rail, 1-3/8" x 1-3/8" or 1" x 3" pickets, 5" x 5" posts installed 6' centers. Post includes flat cap.		
32 31 23 00-0016	LF	3' High Picket Scalloped Top Vinyl Fence	55.02	5.03
32 31 23 00-0017	LF	4' High Picket Scalloped Top Vinyl Fence	61.77	6.04
32 31 23 00-0018	LF	5' High Picket Scalloped Top Vinyl Fence	69.54	7.03
32 31 23 00-0019	LF	6' High Picket Scalloped Top Vinyl Fence	76.52	8.04
32 31 23 00-0020		**Post And Rail Vinyl Fence, Ranch Style** *(32 31 23 00-0001)*		
		Note: With 1-1/2" x 5-1/2" rails, 5" x 5" posts installed 8' centers. Post includes flat cap.		
32 31 23 00-0021	LF	5' High, 2 Rail, Post And Rail Vinyl Fence	18.90	5.03
32 31 23 00-0022	LF	6-1/2' High, 3 Rail, Post And Rail Vinyl Fence	24.41	6.04
32 31 23 00-0023	LF	7' High, 4 Rail, Post And Rail Vinyl Fence	28.27	6.53
32 31 23 00-0024		**Post, Rails And Pickets (Traditional Style) Vinyl Fence** *(32 31 23 00-0001)*		
		Note: With top and bottom 3" x 3" rails, 5" x 5" posts and 1-1/2" x 1-1/2" pickets. Post includes flat cap.		
32 31 23 00-0025	LF	3' High Rail And Picket Vinyl Fence, 72" On Center Posts	64.56	5.53
32 31 23 00-0026	LF	4' High Rail And Picket Vinyl Fence, 72" On Center Posts	70.35	6.53
32 31 23 00-0027	LF	3' High Rail And Picket Vinyl Fence, 96" On Center Posts	60.98	5.03
32 31 23 00-0028	LF	4' High Rail And Picket Vinyl Fence, 96" On Center Posts	66.11	6.04
32 31 23 00-0029		**Vinyl Gates** *(32 31 23)*		
32 31 23 00-0030		**Gates For Privacy And Semi-Privacy Fences** *(32 31 23 00-0029)*		
		Note: Includes hinges.		
32 31 23 00-0031		**3' High Gates For Privacy And Semi-Privacy Fences** *(32 31 23 00-0030)*		
32 31 23 00-0032	EA	3' High x 3' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	597.02	50.26
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0033	EA	3' High x 4' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	633.71	52.78
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0034	EA	3' High x 5' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	696.30	55.29
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0035	EA	3' High x 6' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	781.91	57.80
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0036		**4' High Gates For Privacy And Semi-Privacy Fences** *(32 31 23 00-0030)*		
32 31 23 00-0037	EA	4' High x 3' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	633.71	52.78
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0038	EA	4' High x 4' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	656.01	55.29
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0039	EA	4' High x 5' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	730.11	57.80
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0040	EA	4' High x 6' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	858.89	60.32
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0041		**5' High Gates For Privacy And Semi-Privacy Fences** *(32 31 23 00-0030)*		
32 31 23 00-0042	EA	5' High x 3' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	656.01	55.29
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0043	EA	5' High x 4' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	684.05	57.80
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0044	EA	5' High x 5' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	786.93	60.32
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0045	EA	5' High x 6' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	921.48	62.83
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0046		**6' High Gates For Privacy And Semi-Privacy Fences** *(32 31 23 00-0030)*		
32 31 23 00-0047	EA	6' High x 3' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	689.07	60.32
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 23 00-0048	EA	6' High x 4' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	717.13	62.83
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0049	EA	6' High x 5' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	868.95	65.35
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0050	EA	6' High x 6' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set	960.32	65.35
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

32 31 23 00-0051 Gates For Picket Fences *(32 31 23 00-0029)*

Note: Includes hinges.

32 31 23 00-0052 3' High Gates For Picket Fences *(32 31 23 00-0051)*

32 31 23 00-0053	EA	3' High x 3' Wide Vinyl Gate For Picket Style Fence And Hinge Set	571.12	50.26
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0054	EA	3' High x 4' Wide Vinyl Gate For Picket Style Fence And Hinge Set	593.41	52.78
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0055	EA	3' High x 5' Wide Vinyl Gate For Picket Style Fence And Hinge Set	667.52	55.29
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0056	EA	3' High x 6' Wide Vinyl Gate For Picket Style Fence And Hinge Set	796.30	57.80
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

32 31 23 00-0057 4' High Gates For Picket Fences *(32 31 23 00-0051)*

32 31 23 00-0058	EA	4' High x 3' Wide Vinyl Gate For Picket Style Fence And Hinge Set	576.15	52.78
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0059	EA	4' High x 4' Wide Vinyl Gate For Picket Style Fence And Hinge Set	598.44	55.29
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0060	EA	4' High x 5' Wide Vinyl Gate For Picket Style Fence And Hinge Set	672.54	57.80
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0061	EA	4' High x 6' Wide Vinyl Gate For Picket Style Fence And Hinge Set	801.32	60.32
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

32 31 23 00-0062 5' High Gates For Picket Fences *(32 31 23 00-0051)*

32 31 23 00-0063	EA	5' High x 3' Wide Vinyl Gate For Picket Style Fence And Hinge Set	598.44	55.29
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0064	EA	5' High x 4' Wide Vinyl Gate For Picket Style Fence And Hinge Set	626.49	57.80
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0065	EA	5' High x 5' Wide Vinyl Gate For Picket Style Fence And Hinge Set	729.37	60.32
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0066	EA	5' High x 6' Wide Vinyl Gate For Picket Style Fence And Hinge Set	863.92	62.83
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

32 31 23 00-0067 6' High Gates For Picket Fences *(32 31 23 00-0051)*

32 31 23 00-0068	EA	6' High x 3' Wide Vinyl Gate For Picket Style Fence And Hinge Set	631.51	60.32
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0069	EA	6' High x 4' Wide Vinyl Gate For Picket Style Fence And Hinge Set	659.57	62.83
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0070	EA	6' High x 5' Wide Vinyl Gate For Picket Style Fence And Hinge Set	811.38	65.35
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	
32 31 23 00-0071	EA	6' High x 6' Wide Vinyl Gate For Picket Style Fence And Hinge Set	902.76	67.86
		For Self-Closing Hinge Set, Add	*14.50*	
		For Self-Closing Stainless Steel Hinge Set, Add	*38.50*	

32 31 23 00-0072 Gates Accessories *(32 31 23 00-0029)*

32 31 23 00-0073	EA	Gate Stop/Drop Rod	128.74
32 31 23 00-0074	EA	Latch Set	87.00
32 31 23 00-0075	EA	Stainless Steel Latch Set	128.74

32 31 26 Wire Fences and Gates *(32 31)*

32 31 26 13 Wire Fences with Steel Posts *(32 31 26)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 26 13-0001		**Chicken Wire** *(32 31 26 13)* Note: Posts at 4'.		
32 31 26 13-0002	LF	4' High, 1" Mesh, Chicken Wire Fence, Metal Posts At 4'	8.49	1.80
32 31 26 13-0003	LF	6' High, 2" Mesh, Chicken Wire Fence, Metal Posts At 4'	9.26	1.80
32 31 26 13-0004		**Wire And Screen** *(32 31 26 13)*		
32 31 26 13-0005		**Wire And Screen For Partitions And Fences** *(32 31 26 13-0004)* Note: Excludes framing and post.		
32 31 26 13-0006		**Screen Wire** *(32 31 26 13-0005)*		
32 31 26 13-0007	LF	Screen Wire, 48" Wide Rolls	12.35	1.02
32 31 26 13-0008		**Hog Wire** *(32 31 26 13-0005)*		
32 31 26 13-0009	SF	4" x 4" Hog Wire For Fencing	2.12	0.81
32 31 26 13-0010	SF	6" x 6" Hog Wire For Fencing	2.22	0.92
32 31 26 13-0011		**Non-Climb Horse Fence** *(32 31 26 13-0005)*		
32 31 26 13-0012	LF	4' Non-Climb Woven, 12.5 Gauge, Horse Fence	9.72	3.25
32 31 26 13-0013	LF	5' Non-Climb Woven, 12.5 Gauge, Horse Fence	12.50	4.05
32 31 26 13-0014	LF	6' Non-Climb Woven, 12.5 Gauge, Horse Fence	15.77	4.87
32 31 26 13-0015		**Screen For Partitions And Ceilings** *(32 31 26 13-0004)* Note: Can be used to support insulation on walls and ceilings.		
32 31 26 13-0016	SF	1" Mesh Chicken Wire	2.15	0.57
32 31 26 13-0017		**Wicket Fence** *(32 31 26 13)*		
32 31 26 13-0018	LF	Steel Wicket Fence, Painted	82.39	5.04
32 31 29		**Wood Fences and Gates** *(32 31)* See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 29 00-0001		**Basket Weave** *(32 31 29)* Note: 3/8" x 4" boards, 4" x 4" post.		
32 31 29 00-0002	LF	6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post	42.36	3.59
		For Fastening With Screws Instead Of Nails, Add	*2.49*	
32 31 29 00-0003	LF	6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post	28.20	3.59
		For Fastening With Screws Instead Of Nails, Add	*1.81*	
32 31 29 00-0004		**Board Fence** *(32 31 29)* Note: 1x4" board, 2x4" rail, 4x4" post.		
32 31 29 00-0005	LF	Two 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated Board Fence	27.63	3.59
		For 1" x 6" Boards, Deduct	*-2.93*	
		For 1" x 3" Boards (Stockade Top), Add	*3.65*	
		For Fastening With Screws Instead Of Nails, Add	*1.80*	
32 31 29 00-0006	LF	Two 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated Board Fence	30.72	3.59
		For 1" x 6" Boards, Deduct	*-3.19*	
		For 1" x 3" Boards (Stockade Top), Add	*3.95*	
		For Fastening With Screws Instead Of Nails, Add	*1.98*	
32 31 29 00-0007	LF	Three 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated Board Fence	34.27	3.59
		For 1" x 6" Boards, Deduct	*-3.40*	
		For 1" x 3" Boards (Stockade Top), Add	*4.17*	
		For Fastening With Screws Instead Of Nails, Add	*2.18*	
32 31 29 00-0008	LF	Three 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated Board Fence	36.58	3.59
		For 1" x 6" Boards, Deduct	*-3.58*	
		For 1" x 3" Boards (Stockade Top), Add	*4.36*	
		For Fastening With Screws Instead Of Nails, Add	*2.31*	
32 31 29 00-0009	LF	Three 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated Board Fence	39.07	3.59
		For 1" x 6" Boards, Deduct	*-3.76*	
		For 1" x 3" Boards (Stockade Top), Add	*4.57*	
		For Fastening With Screws Instead Of Nails, Add	*2.45*	
32 31 29 00-0010	LF	Two 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar Board Fence	29.50	3.59
		For 1" x 6" Boards, Deduct	*-3.00*	
		For 1" x 3" Boards (Stockade Top), Add	*3.70*	
		For Fastening With Screws Instead Of Nails, Add	*1.89*	
32 31 29 00-0011	LF	Two 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar Board Fence	32.16	3.59
		For 1" x 6" Boards, Deduct	*-3.24*	
		For 1" x 3" Boards (Stockade Top), Add	*3.99*	
		For Fastening With Screws Instead Of Nails, Add	*2.05*	
32 31 29 00-0012	LF	Three 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar Board Fence	34.27	3.59
		For 1" x 6" Boards, Deduct	*-3.40*	
		For 1" x 3" Boards (Stockade Top), Add	*4.17*	
		For Fastening With Screws Instead Of Nails, Add	*2.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0013	LF	Three 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar Board Fence	36.58	3.59
		For 1" x 6" Boards, Deduct	*-3.58*	
		For 1" x 3" Boards (Stockade Top), Add	*4.36*	
		For Fastening With Screws Instead Of Nails, Add	*2.31*	
32 31 29 00-0014	LF	Three 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar Board Fence	39.07	3.59
		For 1" x 6" Boards, Deduct	*-3.76*	
		For 1" x 3" Boards (Stockade Top), Add	*4.57*	
		For Fastening With Screws Instead Of Nails, Add	*2.45*	
32 31 29 00-0015	LF	Two 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar Board Fence	29.51	3.59
		For 1" x 6" Boards, Deduct	*-3.00*	
		For 1" x 3" Boards (Stockade Top), Add	*3.70*	
		For Fastening With Screws Instead Of Nails, Add	*1.89*	
32 31 29 00-0016	LF	Two 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar Board Fence	38.53	3.59
		For 1" x 6" Boards, Deduct	*-3.50*	
		For 1" x 3" Boards (Stockade Top), Add	*4.18*	
		For Fastening With Screws Instead Of Nails, Add	*2.37*	
32 31 29 00-0017	LF	Three 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar Board Fence	40.38	3.59
		For 1" x 6" Boards, Deduct	*-3.65*	
		For 1" x 3" Boards (Stockade Top), Add	*4.35*	
		For Fastening With Screws Instead Of Nails, Add	*2.48*	
32 31 29 00-0018	LF	Three 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar Board Fence	43.41	3.59
		For 1" x 6" Boards, Deduct	*-3.85*	
		For 1" x 3" Boards (Stockade Top), Add	*4.57*	
		For Fastening With Screws Instead Of Nails, Add	*2.65*	
32 31 29 00-0019	LF	Three 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar Board Fence	46.69	3.59
		For 1" x 6" Boards, Deduct	*-4.06*	
		For 1" x 3" Boards (Stockade Top), Add	*4.79*	
		For Fastening With Screws Instead Of Nails, Add	*2.83*	
32 31 29 00-0020		**Shadow Box** *(32 31 29)*		
		Note: 1x6" board, 2x4" Rail, 4x4" post.		
32 31 29 00-0021	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine	58.59	3.59
		For Fastening With Screws Instead Of Nails, Add	*3.31*	
32 31 29 00-0022	LF	Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar	73.57	3.59
		For Fastening With Screws Instead Of Nails, Add	*4.12*	
32 31 29 00-0023	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar	80.13	3.59
		For Fastening With Screws Instead Of Nails, Add	*4.47*	
32 31 29 00-0024	LF	Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar	86.10	3.59
		For Fastening With Screws Instead Of Nails, Add	*4.80*	
32 31 29 00-0025		**Open Rail Fence** *(32 31 29)*		
32 31 29 00-0026		**Post And Rail Fence, Ranch Style** *(32 31 29 00-0025)*		
32 31 29 00-0027	LF	Post And Rail Fence, 2 Rails, 3' High #1 Cedar	27.60	3.59
32 31 29 00-0028	LF	Post And Rail Fence, 2 Rails, 3' High #2 Cedar	21.67	3.59
32 31 29 00-0029	LF	Post And Rail Fence, 3 Rails, 4' High #1 Cedar	32.64	3.59
32 31 29 00-0030	LF	Post And Rail Fence, 3 Rails, 4' High #2 Cedar	23.40	3.59
32 31 29 00-0031		**Split Rail Fence** *(32 31 29 00-0025)*		
32 31 29 00-0032	LF	Split Rail Fence, 2 Rails, 3' High #1 Cedar	26.08	3.59
32 31 29 00-0033	LF	Split Rail Fence, 2 Rails, 3' High #2 Cedar	21.61	3.59
32 31 29 00-0034	LF	Split Rail Fence, 3 Rail, 4' High #1 Cedar	29.73	3.59
32 31 29 00-0035	LF	Split Rail Fence, 3 Rail, 4' High #2 Cedar	24.26	3.59
32 31 29 00-0036		**Picket Fence** *(32 31 29)*		
32 31 29 00-0037	LF	Picket Fence, 2 Rail, 3' High, Pressure Treated	31.55	3.59
		For Fastening With Screws Instead Of Nails, Add	*2.01*	
32 31 29 00-0038	LF	Picket Fence, 2 Rail, 3' High #1 Cedar	29.51	3.59
		For Fastening With Screws Instead Of Nails, Add	*1.90*	
32 31 29 00-0039		**Wood Fence Post Accessories** *(32 31 29)*		
32 31 29 00-0040	EA	3-1/2" x 3-1/2" Copper, Pyramid Slip Over, Wood Fence Post Cap	44.84	
32 31 29 00-0041	EA	4" x 4" Copper, Pyramid Slip Over, Wood Fence Post Cap	50.23	
32 31 29 00-0042	EA	6" x 6" Copper, Pyramid Slip Over, Wood Fence Post Cap	54.71	
32 31 29 00-0043	EA	8" x 8" Copper, Pyramid Slip Over, Wood Fence Post Cap	80.78	
32 31 29 00-0044		**Wood Gate** *(32 31 29)*		
32 31 29 00-0045		**Board Fence Gates, Pressure Treated Wood** *(32 31 29 00-0044)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber).		
32 31 29 00-0046	EA	3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	415.47	126.88
32 31 29 00-0047	EA	3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	459.80	134.49
32 31 29 00-0048	EA	3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	514.28	147.18
32 31 29 00-0049	EA	3' To 5' High x 5' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	584.50	154.79
32 31 29 00-0050	EA	3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	654.70	162.41
32 31 29 00-0051	EA	>5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	529.01	167.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0052	EA	>5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	576.58	175.09
32 31 29 00-0053	EA	>5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	624.15	182.71
32 31 29 00-0054	EA	>5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	704.05	190.32
32 31 29 00-0055	EA	>5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	767.80	197.93
32 31 29 00-0056		**Board Fence Gates, Grade 2 Cedar** *(32 31 29 00-0044)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0057	EA	3' To 5' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	661.42	112.40
32 31 29 00-0058	EA	3' To 5' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	684.61	119.15
32 31 29 00-0059	EA	3' To 5' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	720.03	130.38
32 31 29 00-0060	EA	3' To 5' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	759.39	137.13
32 31 29 00-0061	EA	3' To 5' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	808.45	143.88
32 31 29 00-0062	EA	>5' To 8' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	781.87	148.37
32 31 29 00-0063	EA	>5' To 8' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	811.53	155.11
32 31 29 00-0064	EA	>5' To 8' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	857.35	161.86
32 31 29 00-0065	EA	>5' To 8' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	903.18	168.60
32 31 29 00-0066	EA	>5' To 8' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	949.02	175.34
32 31 29 00-0067		**Board Fence Gates, Grade 1 Cedar** *(32 31 29 00-0044)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0068	EA	3' To 5' High x 3' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	709.93	112.40
32 31 29 00-0069	EA	3' To 5' High x 3'-6" Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	739.59	119.15
32 31 29 00-0070	EA	3' To 5' High x 4' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	778.24	130.38
32 31 29 00-0071	EA	3' To 5' High x 5' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	824.07	137.13
32 31 29 00-0072	EA	3' To 5' High x 6' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	869.90	143.88
32 31 29 00-0073	EA	>5' To 8' High x 3' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	846.55	148.37
32 31 29 00-0074	EA	>5' To 8' High x 3'-6" Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	876.21	155.11
32 31 29 00-0075	EA	>5' To 8' High x 4' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	922.04	161.86
32 31 29 00-0076	EA	>5' To 8' High x 5' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	967.87	168.60
32 31 29 00-0077	EA	>5' To 8' High x 6' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,029.87	175.34
32 31 29 00-0078		**Pressure Treated Wood Fence Posts** *(32 31 29)*		
		See CSI section 32 31 13 13-0001 for drilling augering, 32 31 56 00-0017 for barbed wire.		
32 31 29 00-0079	EA	4' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	39.51	12.69
32 31 29 00-0080	EA	6' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	44.62	12.69
32 31 29 00-0081	EA	4' High, Pressure Treated Wood Fence Posts, Set In Concrete	69.42	24.36
32 31 29 00-0082	EA	6' High, Pressure Treated Wood Fence Posts, Set In Concrete	75.24	24.36
32 31 29 00-0083		**Wood Utility Pole Fence** *(32 31 29)*		
		Note: Excludes post holes. See CSI section 32 31 13 13-0001 for drilling augering and backfill.		
32 31 29 00-0084	LF	Wood Utility Pole Barrier Fence Note: Includes notching post, drilling and pinned with #5 rebar.	53.13	3.59
32 31 29 00-0085		**Wood Rail Fence** *(32 31 29)*		
		Note: 3" diameter treated lodgepole pine rails, 6" diameter treated lodgepole pine post. Posts at 8' centers. Excludes post holes and fill		
32 31 29 00-0086	LF	4' Above Ground Wood Rail Fence, 3 - 3" Diameter Treated Lodgepole Pine Rails, 6" Diameter, 6' Overall Treated Lodgepole Pine Post	27.54	3.59
32 31 34		**Tubular Barrier Gates** *(32 31)*		
32 31 34 00-0001		**Tube Gate** *(32 31 34)*		
		See CSI section 32 31 13 13-0001 for augering post holes and concrete fill, 32 31 13 13-0630 for gate accessories.		
32 31 34 00-0002		**50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate** *(32 31 34 00-0001)*		
		Note: Round top edges. Includes lag bolt hinges, lock plate and hardware. Excludes augering, concrete, bollard and chain.		
32 31 34 00-0003	EA	4' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate	199.39	27.21
		For 13 Gauge Tubing, Add	*31.82*	
		For Galvanized Finish, Add	*17.82*	
32 31 34 00-0004	EA	6' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate	259.22	35.27
		For 13 Gauge Tubing, Add	*41.26*	
		For Galvanized Finish, Add	*23.01*	
32 31 34 00-0005	EA	8' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate	349.31	45.35
		For 13 Gauge Tubing, Add	*56.26*	
		For Galvanized Finish, Add	*31.99*	
32 31 34 00-0006	EA	10' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate	403.82	56.43
		For 13 Gauge Tubing, Add	*63.63*	
		For Galvanized Finish, Add	*34.88*	
32 31 34 00-0007	EA	12' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate	478.95	67.11
		For 13 Gauge Tubing, Add	*75.64*	
		For Galvanized Finish, Add	*41.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 34 00-0008	EA	14' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate	523.39	75.58
		For 13 Gauge Tubing, Add	*82.01*	
		For Galvanized Finish, Add	*44.50*	
32 31 34 00-0009	EA	16' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate	614.25	87.17
		For 13 Gauge Tubing, Add	*96.65*	
		For Galvanized Finish, Add	*52.84*	
32 31 34 00-0010		**33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate** *(32 31 34 00-0001)*		
		Note: Round top edges. Includes lag bolt hinges, lock plate and hardware. Excludes augering and concrete.		
32 31 34 00-0011	EA	4' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	258.92	27.21
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*71.32*	
32 31 34 00-0012	EA	6' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	310.43	35.27
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*81.85*	
32 31 34 00-0013	EA	8' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	371.59	45.35
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*94.22*	
32 31 34 00-0014	EA	10' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	429.20	56.43
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*103.16*	
32 31 34 00-0015	EA	12' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	487.26	67.11
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*114.29*	
32 31 34 00-0016	EA	14' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	540.03	75.58
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*125.32*	
32 31 34 00-0017	EA	16' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	603.82	87.17
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*136.73*	
32 31 34 00-0018	EA	18' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	693.54	98.10
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*158.51*	
32 31 34 00-0019	EA	20' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	770.70	109.73
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*187.36*	
32 31 34 00-0020		**33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate** *(32 31 34 00-0001)*		
		Note: Round top edges. Includes lag bolt hinges, lock plate and hardware. Excludes augering and concrete.		
32 31 34 00-0021	EA	4' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	279.80	27.21
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*79.67*	
32 31 34 00-0022	EA	6' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	330.97	35.27
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*90.06*	
32 31 34 00-0023	EA	8' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	385.52	45.35
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*99.80*	
32 31 34 00-0024	EA	10' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	449.51	56.43
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*111.28*	
32 31 34 00-0025	EA	12' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	501.94	67.11
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*120.16*	
32 31 34 00-0026	EA	14' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	574.30	75.58
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*139.03*	
32 31 34 00-0027	EA	16' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	641.03	87.17
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*151.62*	
32 31 34 00-0028	EA	18' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	750.32	98.10
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*181.22*	
32 31 34 00-0029	EA	20' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate	821.75	109.73
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*207.78*	
32 31 34 00-0030		**Tubular Steel Barrier Gate (Triangular Shape)** *(32 31 34 00-0001)*		
		Note: Includes posts, caps, welded hinges and lock keeper. Excludes augering, concrete, and bollards.		
32 31 34 00-0031	EA	4' High x 10' Wide Opening Tubular Galvanized Steel Barrier Gate With 3" Diameter Post	1,949.25	56.43
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*622.99*	
32 31 34 00-0032	EA	4' High x 12' Wide Opening Tubular Galvanized Steel Barrier Gate With 3" Diameter Post	2,118.89	67.11
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*668.46*	
32 31 34 00-0033	EA	4' High x 14' Wide Opening Tubular Galvanized Steel Barrier Gate With 3" Diameter Post	2,502.52	75.58
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*801.76*	
32 31 34 00-0034	EA	4' High x 10' Wide Opening Tubular Galvanized Steel Barrier Gate With 4" Diameter Post	2,030.76	56.43
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*655.32*	
32 31 34 00-0035	EA	4' High x 12' Wide Opening Tubular Galvanized Steel Barrier Gate With 4" Diameter Post	2,212.06	67.11
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*705.42*	
32 31 34 00-0036	EA	4' High x 14' Wide Opening Tubular Galvanized Steel Barrier Gate With 4" Diameter Post	2,595.68	75.58
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*838.71*	
32 31 34 00-0037		**Four Rail Tube Gate, 1-1/2" Diameter Welded Galvanized Steel Tubing** *(32 31 34 00-0001)*		
		Note: Excludes augering holes and concrete.		
32 31 34 00-0038	EA	4' Four Rail Metal Frame Tube Gate, 1-1/2" Diameter Welded Galvanized Steel With Posts	459.43	27.21
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*38.67*	
32 31 34 00-0039		**Tubular Horse Gate** *(32 31 34 00-0001)*		
		Note: Includes posts, caps and hardware. Treated with Natina (or Equal) galvanized surface stain "rustic brown finish". Excludes augering holes and concrete.		
32 31 34 00-0040	EA	5-1/2' Above Ground, 5' Wide Tubular Galvanized Steel Horse Gate With 3" Diameter Posts	3,793.28	27.21
		For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add	*1,134.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 34 00-0041		**Pipe Gate** *(32 31 34)* Note: Excludes augering and concrete. See CSI section 32 31 13 13-0001 for augering post holes and concrete fill.		
32 31 34 00-0042	EA	20' Galvanized Steel Pipe Gate, Swinging (Road Access Barrier)	3,936.63	
32 31 34 00-0043	EA	25' Galvanized Steel Pipe Gate, Swinging (Road Access Barrier)	4,923.20	
32 31 34 00-0044	EA	30' Galvanized Steel Pipe Gate, Swinging (Road Access Barrier)	5,866.60	
32 31 41		**Precast Concrete Fences** *(32 31)*		
32 31 41 00-0001		**Precast Post And Rail Fence, Ranch Style, With Integral Color Concrete.** *(32 31 41)* Note: Includes post holes, fill, spreading of excess material on site. See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 41 00-0002	LF	Precast Post And Rail Fence With Integral Color Concrete, 2 Rails, 3' Above Ground With 2' Bury Note: Includes 12" diameter holes with concrete fill for line posts and 18" diameter holes with concrete fill at corners.	68.04	3.59
32 31 56		**Wild Life Deterrent Fence** *(32 31)*		
32 31 56 00-0001		**Barbed Wire Fences** *(32 31 56)* Note: Excludes post holes and fill See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 56 00-0002		**Fence Posts** *(32 31 56 00-0001)*		
32 31 56 00-0003		**Fence Post Soil, Set In Concrete** *(32 31 56 00-0002)*		
32 31 56 00-0004	EA	Barbed Wire Fence Post, Galvanized Set In Concrete In Soil	99.89	8.06
		For Bracing On Corner Post, End Post And Pull Post, Add	*161.11*	
32 31 56 00-0005	EA	Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil	134.38	8.06
		For Bracing On Corner Post, End Post And Pull Post, Add	*218.70*	
32 31 56 00-0006		**Post In Rock** *(32 31 56 00-0002)*		
32 31 56 00-0007	EA	Barbed Wire Fence Post, Galvanized Grouted In Rock	98.12	8.06
		For Bracing On Corner Post, End Post And Pull Post, Add	*158.45*	
32 31 56 00-0008	EA	Barbed Wire Fence Post, Vinyl Coated Grouted In Rock	132.61	8.06
		For Bracing On Corner Post, End Post And Pull Post, Add	*216.05*	
32 31 56 00-0009		**Studded Steel T-Posts, Enamel Paint Finish** *(32 31 56 00-0001)* Note: Posts for barb wire, chain link or welded wire mesh.		
32 31 56 00-0010	EA	5' Studded Steel T-Post, Driven Into Earth	26.25	
32 31 56 00-0011	EA	5'-6" Studded Steel T-Post, Driven Into Earth	26.89	
32 31 56 00-0012	EA	6' Studded Steel T-Post, Driven Into Earth	28.11	
32 31 56 00-0013	EA	6'-6" Studded Steel T-Post, Driven Into Earth	29.33	
32 31 56 00-0014	EA	7' Studded Steel T-Post, Driven Into Earth	30.95	
32 31 56 00-0015	EA	8' Studded Steel T-Post, Driven Into Earth	34.85	
32 31 56 00-0016	EA	10' Studded Steel T-Post, Driven Into Earth	42.45	
32 31 56 00-0017		**Barbed Wire** *(32 31 56 00-0001)* Note: Per strand.		
32 31 56 00-0018	LF	Galvanized Barbed Wire For Wild Life Deterrent Fencing, Per Strand	0.89	0.41
32 31 56 00-0019	LF	Vinyl Coated Barbed Wire, For Wild Life Deterrent Fencing, Per Strand	1.03	0.41
32 31 56 00-0020		**Barbed Wire Fence, Farm Style, With Wood Posts** *(32 31 56 00-0001)* Note: Based on post at 10' centers, two corner post and two pull post per 300 lf.		
32 31 56 00-0021	LF	4'-6" Height, Three (3) Strand Barbed Wire Fence With Wood Posts Note: Posts at 10' maximum.	11.89	2.62
32 32		**Retaining Walls** *(32 30)*		
32 32 13		**Cast-In-Place Concrete Retaining Wall** *(32 32)* Note: System includes all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.		
32 32 13 00-0001		**Concrete Retaining Walls** *(32 32 13)* Note: System elements include all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.		
32 32 13 00-0002	LF	4' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	362.00	133.52
		For >3:1 Sloped Soil At Top, Add	*8.08*	
32 32 13 00-0003	LF	6' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	451.41	164.30
		For >3:1 Sloped Soil At Top, Add	*10.43*	
32 32 13 00-0004	LF	8' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	491.58	177.22
		For >3:1 Sloped Soil At Top, Add	*11.66*	
32 32 13 00-0005	LF	10' High With Base, 13" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	625.74	219.12
		For >3:1 Sloped Soil At Top, Add	*15.95*	
32 32 13 00-0006	LF	12' High With Base, 14" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	721.10	251.69
		For >3:1 Sloped Soil At Top, Add	*18.50*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 13 00-0007	LF	16' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,043.54	369.24
		For >3:1 Sloped Soil At Top, Add	*25.94*	
32 32 13 00-0008	LF	20' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,432.78	509.75
		For >3:1 Sloped Soil At Top, Add	*35.12*	
32 32 13 00-0009	LF	4' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	397.73	145.81
		For >3:1 Sloped Soil At Top, Add	*9.02*	
32 32 13 00-0010	LF	6' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	486.64	175.69
		For >3:1 Sloped Soil At Top, Add	*11.50*	
32 32 13 00-0011	LF	8' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	515.10	183.31
		For >3:1 Sloped Soil At Top, Add	*12.62*	
32 32 13 00-0012	LF	10' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	708.16	245.68
		For >3:1 Sloped Soil At Top, Add	*18.42*	
32 32 13 00-0013	LF	12' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	898.21	315.57
		For >3:1 Sloped Soil At Top, Add	*22.70*	
32 32 13 00-0014	LF	16' High With Base, 21" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,347.20	478.35
		For >3:1 Sloped Soil At Top, Add	*33.20*	
32 32 13 00-0015	LF	20' High With Base, 24" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,901.32	675.22
		For >3:1 Sloped Soil At Top, Add	*46.83*	

32 32 16 Precast Concrete Retaining Walls *(32 32)*

32 32 16 00-0001 Precast Retaining Walls *(32 32 16)*

Note: Tied-back earth walls. Includes precast filter fabric, soil reinforcing mesh and cast-in-place coping. Excludes concrete leveling pad, or select earth excavation and backfill.

32 32 16 00-0002	SF	10-15' High, Tied-back, Precast Concrete Retaining Walls	92.25	13.14
32 32 16 00-0003	SF	16-20' High, Tied-back, Precast Concrete Retaining Walls	94.82	10.56
32 32 16 00-0004	SF	21-25' High, Tied-back, Precast Concrete Retaining Walls	98.41	8.79
32 32 16 00-0005	SF	26-30' High, Tied-back, Precast Concrete Retaining Walls	106.43	8.79
32 32 16 00-0006	SF	>30' High, Tied-back, Precast Concrete Retaining Walls	112.65	7.51

32 32 23 Segmental Retaining Walls *(32 32)*

32 32 23 13 Segmental Concrete Unit Masonry Retaining Walls *(32 32 23)*

32 32 23 13-0001 Modular Retaining Wall Systems *(32 32 23 13)*

Note: Includes installation, material and manufacturer's wall design. Includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compaction. Includes cap at top, pins, and installation. Excludes initial site grading, subbase preparation or finish grading.

32 32 23 13-0002 "Amastone" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0003	SF	Up To 4' Height "Amastone" Type Modular Retaining Wall System	63.68	8.05
		For >3:1 Sloped Soil At Top, Add	*4.05*	
32 32 23 13-0004	SF	4 To 8' Height "Amastone" Type Modular Retaining Wall System	67.19	8.47
		For >3:1 Sloped Soil At Top, Add	*4.27*	
32 32 23 13-0005	SF	8 To 12' Height "Amastone" Type Modular Retaining Wall System	70.01	9.32
		For >3:1 Sloped Soil At Top, Add	*4.37*	
32 32 23 13-0006	SF	12 To 16' Height "Amastone" Type Modular Retaining Wall System	73.02	10.16
		For >3:1 Sloped Soil At Top, Add	*4.48*	

32 32 23 13-0007 "Diamond" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0008	SF	Up To 4' Height "Diamond" Type Modular Retaining Wall System	66.17	8.05
		For >3:1 Sloped Soil At Top, Add	*4.26*	
32 32 23 13-0009	SF	4 To 8' Height "Diamond" Type Modular Retaining Wall System	69.67	8.47
		For >3:1 Sloped Soil At Top, Add	*4.48*	
32 32 23 13-0010	SF	8 To 12' Height "Diamond" Type Modular Retaining Wall System	72.50	9.32
		For >3:1 Sloped Soil At Top, Add	*4.58*	
32 32 23 13-0011	SF	12 To 16' Height "Diamond" Type Modular Retaining Wall System	75.51	10.16
		For >3:1 Sloped Soil At Top, Add	*4.69*	

32 32 23 13-0012 "Keystone" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0013	SF	Up To 4' Height "Keystone" Type Modular Retaining Wall System	72.11	8.05
		For >3:1 Sloped Soil At Top, Add	*4.76*	
32 32 23 13-0014	SF	4 To 8' Height "Keystone" Type Modular Retaining Wall System	75.62	8.47
		For >3:1 Sloped Soil At Top, Add	*4.99*	
32 32 23 13-0015	SF	8 To 12' Height "Keystone" Type Modular Retaining Wall System	78.44	9.32
		For >3:1 Sloped Soil At Top, Add	*5.08*	
32 32 23 13-0016	SF	12 To 16' Height "Keystone" Type Modular Retaining Wall System	81.45	10.16
		For >3:1 Sloped Soil At Top, Add	*5.20*	

32 32 23 13-0017 "Criblock" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0018	SF	Up To 4' Height "Criblock" Type Modular Retaining Wall System	63.68	8.05
		For >3:1 Sloped Soil At Top, Add	*4.05*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0019	SF	4 To 8' Height "Criblock" Type Modular Retaining Wall System	67.19	8.47
		For >3:1 Sloped Soil At Top, Add	*4.27*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0020	SF	8 To 12' Height "Criblock" Type Modular Retaining Wall System	70.01	9.32
		For >3:1 Sloped Soil At Top, Add	*4.37*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 23 13-0021	SF	12 To 16' Height "Criblock" Type Modular Retaining Wall System	73.02	10.16
		For >3:1 Sloped Soil At Top, Add	*4.48*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0022		"Versa-Lok" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*		
32 32 23 13-0023	SF	Up To 4' Height "Versa-Lok" Type Modular Retaining Wall System	56.13	8.05
		For >3:1 Sloped Soil At Top, Add	*3.40*	
32 32 23 13-0024	SF	4 To 8' Height "Versa-Lok" Type Modular Retaining Wall System	62.13	8.47
		For >3:1 Sloped Soil At Top, Add	*3.84*	
32 32 23 13-0025	SF	8 To 12' Height "Versa-Lok" Type Modular Retaining Wall System	65.00	9.32
		For >3:1 Sloped Soil At Top, Add	*3.94*	
32 32 23 13-0026	SF	12 To 16' Height "Versa-Lok" Type Modular Retaining Wall System	67.54	10.16
		For >3:1 Sloped Soil At Top, Add	*4.01*	
32 32 23 13-0027		Retaining Wall Cap Block Restoration *(32 32 23 13-0001)*		
		Note: Includes removal of existing cap block and installation of new cap block to match.		
32 32 23 13-0028	LF	Removal And Reinstall Retaining Wall Cap Block And Pins	32.32	
		For >3:1 Sloped Soil At Top, Add	*1.73*	
32 32 26		**Metal Crib Retaining Walls** *(32 32)*		
32 32 26 00-0001		Bin Type Retaining Wall *(32 32 26)*		
32 32 26 00-0002		Vertical Bin Walls *(32 32 26 00-0001)*		
		Note: Excludes excavation and backfill.		
32 32 26 00-0003	SF	5.5' Vertical Bin Retaining Wall, Wall Heights To 11'	71.55	
32 32 26 00-0004	SF	7.7' Vertical Bin Retaining Wall, Wall Heights, 8.33' To 16.33'	84.93	
32 32 26 00-0005	SF	9.9' Vertical Bin Retaining Wall, Wall Heights, 13.67' To 21.67'	98.98	
32 32 26 00-0006	SF	12.1' Vertical Bin Retain Wall, Wall Heights 17.67' To 25.67'	107.01	
32 32 26 00-0007	SF	14.3' Vertical Bin Retain Wall, Wall Heights 20.33' To 28.33'	119.49	
32 32 26 00-0008	SF	16.5' Vertical Bin Retain Wall, Wall Heights 20.33' To 28.33'	127.51	
32 32 26 00-0009		Battered Bin Walls *(32 32 26 00-0001)*		
		Note: Excludes excavation and backfill.		
32 32 26 00-0010	SF	5.5' Battered Bin Retain Wall, Wall Heights To 11'	63.45	
32 32 26 00-0011	SF	7.7' Battered Bin Retain Wall, Wall Heights 8.33' To 16.33'	68.80	
32 32 26 00-0012	SF	9.9' Battered Bin Retain Wall, Wall Heights 13.67' To 21.67'	77.40	
32 32 26 00-0013	SF	12.1' Battered Bin Retain Wall, Wall Heights 17.67' To 25.67'	86.77	
32 32 26 00-0014	SF	14.3' Battered Bin Retain Wall, Wall Heights 20.33' To 28.33'	101.55	
32 32 26 00-0015	SF	16.5' Battered Bin Retain Wall, Wall Heights 20.33' To 28.33'	104.23	
32 32 26 00-0016		Aluminized Steel Bin *(32 32 26)*		
		Note: Excludes excavation and backfill.		
32 32 26 00-0017	SF	4' High, 5.5' Deep Aluminized Steel Bin	49.65	4.79
		For >3:1 Sloped Soil At Top, Add	*3.41*	
		For Galvanized Type, Deduct	*-4.01*	
32 32 26 00-0018	SF	8' High, 5.5' Deep Aluminized Steel Bin	55.82	4.79
		For >3:1 Sloped Soil At Top, Add	*3.92*	
		For Galvanized Type, Deduct	*-4.62*	
32 32 26 00-0019	SF	10' High, 7.7' Deep Aluminized Steel Bin	59.59	5.24
		For >3:1 Sloped Soil At Top, Add	*4.18*	
		For Galvanized Type, Deduct	*-4.92*	
32 32 26 00-0020	SF	12' High, 7.7' Deep Aluminized Steel Bin	67.90	5.91
		For >3:1 Sloped Soil At Top, Add	*4.77*	
		For Galvanized Type, Deduct	*-5.61*	
32 32 26 00-0021	SF	16' High, 7.7' Deep Aluminized Steel Bin	65.21	6.13
		For >3:1 Sloped Soil At Top, Add	*4.51*	
		For Galvanized Type, Deduct	*-5.31*	
32 32 26 00-0022	SF	16' High, 9.9' Deep Aluminized Steel Bin	72.95	6.24
		For >3:1 Sloped Soil At Top, Add	*5.15*	
		For Galvanized Type, Deduct	*-6.06*	
32 32 26 00-0023	SF	20' High, 9.9' Deep Aluminized Steel Bin	81.02	6.57
		For >3:1 Sloped Soil At Top, Add	*5.76*	
		For Galvanized Type, Deduct	*-6.78*	
32 32 26 00-0024	SF	20' High, 12.1' Deep Aluminized Steel Bin	82.92	6.91
		For >3:1 Sloped Soil At Top, Add	*5.88*	
		For Galvanized Type, Deduct	*-6.92*	
32 32 26 00-0025	SF	24' High, 12.1' Deep Aluminized Steel Bin	87.38	6.91
		For >3:1 Sloped Soil At Top, Add	*6.25*	
		For Galvanized Type, Deduct	*-7.36*	
32 32 26 00-0026	SF	24' High, 14.3' Deep Aluminized Steel Bin	91.80	7.02
		For >3:1 Sloped Soil At Top, Add	*6.62*	
		For Galvanized Type, Deduct	*-7.79*	
32 32 26 00-0027	SF	28' High, 14.3' Deep Aluminized Steel Bin	94.93	7.13
		For >3:1 Sloped Soil At Top, Add	*6.86*	
		For Galvanized Type, Deduct	*-8.08*	
32 32 29		**Timber Retaining Walls** *(32 32)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0001		**Wood Post Retaining Walls** *(32 32 29)* Note: System includes wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading.		
32 32 29 00-0002	LF	4" x 4", 1' High, Redwood, Wood Post Retaining Walls	75.14	26.94
		For >3:1 Sloped Soil At Top, Add	*1.81*	
32 32 29 00-0003	LF	4" x 4", 2' High, Redwood, Wood Post Retaining Walls	147.05	52.75
		For >3:1 Sloped Soil At Top, Add	*3.54*	
32 32 29 00-0004	LF	4" x 4", 1' High, Cedar, Wood Post Retaining Walls	72.42	26.94
		For >3:1 Sloped Soil At Top, Add	*1.58*	
32 32 29 00-0005	LF	4" x 4", 2' High, Cedar, Wood Post Retaining Walls	141.76	52.75
		For >3:1 Sloped Soil At Top, Add	*3.09*	
32 32 29 00-0006	LF	4" x 4", 1' High, Pressure Treated Lumber, Wood Post Retaining Walls	81.31	23.54
		For >3:1 Sloped Soil At Top, Add	*2.90*	
32 32 29 00-0007	LF	4" x 4", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	159.20	46.03
		For >3:1 Sloped Soil At Top, Add	*5.70*	
32 32 29 00-0008	LF	4" x 4", 1' High, Creosoted Lumber, Wood Post Retaining Walls	59.82	20.89
		For >3:1 Sloped Soil At Top, Add	*1.53*	
32 32 29 00-0009	LF	4" x 4", 2' High, Creosoted Lumber, Wood Post Retaining Walls	108.17	37.82
		For >3:1 Sloped Soil At Top, Add	*2.77*	
32 32 29 00-0010	LF	6" x 6", 2' High, Redwood, Wood Post Retaining Walls	197.42	63.91
		For >3:1 Sloped Soil At Top, Add	*5.92*	
32 32 29 00-0011	LF	6" x 6", 4' High, Redwood, Wood Post Retaining Walls	389.66	125.26
		For >3:1 Sloped Soil At Top, Add	*11.84*	
32 32 29 00-0012	LF	6" x 6", 2' High, Cedar, Wood Post Retaining Walls	194.39	63.91
		For >3:1 Sloped Soil At Top, Add	*5.66*	
32 32 29 00-0013	LF	6" x 6", 4' High, Cedar, Wood Post Retaining Walls	382.09	125.26
		For >3:1 Sloped Soil At Top, Add	*11.19*	
32 32 29 00-0014	LF	6" x 6", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	212.67	51.90
		For >3:1 Sloped Soil At Top, Add	*9.25*	
32 32 29 00-0015	LF	6" x 6", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	422.67	102.47
		For >3:1 Sloped Soil At Top, Add	*18.50*	
32 32 29 00-0016	LF	6" x 6", 2' High, Creosoted Lumber, Wood Post Retaining Walls	135.30	41.50
		For >3:1 Sloped Soil At Top, Add	*4.44*	
32 32 29 00-0017	LF	6" x 6", 4' High, Creosoted Lumber, Wood Post Retaining Walls	266.07	81.20
		For >3:1 Sloped Soil At Top, Add	*8.81*	
32 32 29 00-0018	LF	8" x 8", 4' High, Redwood, Wood Post Retaining Walls	484.40	138.49
		For >3:1 Sloped Soil At Top, Add	*17.63*	
32 32 29 00-0019	LF	8" x 8", 6' High, Redwood, Wood Post Retaining Walls	906.03	258.55
		For >3:1 Sloped Soil At Top, Add	*33.07*	
32 32 29 00-0020	LF	8" x 8", 4' High, Cedar, Wood Post Retaining Walls	469.27	138.49
		For >3:1 Sloped Soil At Top, Add	*16.34*	
32 32 29 00-0021	LF	8" x 8", 6' High, Cedar, Wood Post Retaining Walls	877.27	258.55
		For >3:1 Sloped Soil At Top, Add	*30.62*	
32 32 29 00-0022	LF	8" x 8", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	577.70	159.76
		For >3:1 Sloped Soil At Top, Add	*21.94*	
32 32 29 00-0023	LF	8" x 8", 6' High, Pressure Treated Lumber, Wood Post Retaining Walls	1,077.58	298.35
		For >3:1 Sloped Soil At Top, Add	*40.87*	
32 32 29 00-0024	LF	8" x 8", 4' High, Creosoted Lumber, Wood Post Retaining Walls	383.12	129.13
		For >3:1 Sloped Soil At Top, Add	*10.61*	
32 32 29 00-0025	LF	8" x 8", 6' High, Creosoted Lumber, Wood Post Retaining Walls	710.59	239.54
		For >3:1 Sloped Soil At Top, Add	*19.68*	
32 32 29 00-0026	LF	4' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	144.36	53.22
		For >3:1 Sloped Soil At Top, Add	*3.22*	
32 32 29 00-0027	LF	6' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	215.78	79.88
		For >3:1 Sloped Soil At Top, Add	*4.76*	
32 32 29 00-0028	LF	8' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	287.13	106.45
		For >3:1 Sloped Soil At Top, Add	*6.30*	
32 32 29 00-0029	LF	4' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	97.26	30.07
		For >3:1 Sloped Soil At Top, Add	*3.15*	
32 32 29 00-0030	LF	6' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	141.30	43.39
		For >3:1 Sloped Soil At Top, Add	*4.63*	
32 32 29 00-0031	LF	8' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	191.33	58.62
		For >3:1 Sloped Soil At Top, Add	*6.30*	
32 32 29 00-0032		**Post And Board Retaining Walls** *(32 32 29)* Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.		
32 32 29 00-0033	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Redwood, Post And Board Retaining Walls	59.43	15.98
		For >3:1 Sloped Soil At Top, Add	*2.33*	
32 32 29 00-0034	LF	4" x 4" Post, 2' Spacing, 4' High, 2" Planking, Redwood, Post And Board Retaining Walls	91.67	27.32
		For >3:1 Sloped Soil At Top, Add	*3.15*	
32 32 29 00-0035	LF	6" x 6" Post, 4' Spacing, 5' High 2" Planking, Redwood, Post And Board Retaining Walls	120.12	33.94
		For >3:1 Sloped Soil At Top, Add	*4.44*	
32 32 29 00-0036	LF	6" x 6" Post, 3' Spacing, 6' High, 2" Planking, Redwood, Post And Board Retaining Walls	168.04	48.12
		For >3:1 Sloped Soil At Top, Add	*6.11*	
32 32 29 00-0037	LF	6" x 6" With Deadman, 3' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	219.74	62.58
		For >3:1 Sloped Soil At Top, Add	*8.04*	
32 32 29 00-0038	LF	8" x 8" Post, 2' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	450.49	123.84
		For >3:1 Sloped Soil At Top, Add	*17.24*	
32 32 29 00-0039	LF	8" x 8" With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood, Post And Board Retaining Walls	508.88	137.17
		For >3:1 Sloped Soil At Top, Add	*19.94*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0040	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Cedar, Post And Board Retaining Walls	60.37	16.64
		For >3:1 Sloped Soil At Top, Add	*2.30*	
32 32 29 00-0041	LF	4" x 4" With Deadman, 2' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	106.04	29.59
		For >3:1 Sloped Soil At Top, Add	*3.99*	
32 32 29 00-0042	LF	6" x 6" Post, 4' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	104.23	29.02
		For >3:1 Sloped Soil At Top, Add	*3.92*	
32 32 29 00-0043	LF	6" x 6" Post, 3' Spacing, 5' High 2" Planking, Cedar, Post And Board Retaining Walls	146.17	41.69
		For >3:1 Sloped Soil At Top, Add	*5.34*	
32 32 29 00-0044	LF	6" x 6" Post, 2' Spacing, 6' High 2" Planking, Cedar, Post And Board Retaining Walls	227.75	66.55
		For >3:1 Sloped Soil At Top, Add	*8.04*	
32 32 29 00-0045	LF	6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar	180.20	51.15
		For >3:1 Sloped Soil At Top, Add	*6.63*	
32 32 29 00-0046	LF	8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar	465.98	127.81
		For >3:1 Sloped Soil At Top, Add	*17.88*	
32 32 29 00-0047	LF	4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated	77.03	30.73
		For >3:1 Sloped Soil At Top, Add	*1.32*	
32 32 29 00-0048	LF	4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated	111.35	43.68
		For >3:1 Sloped Soil At Top, Add	*2.04*	
32 32 29 00-0049	LF	4 x 4 Post With Deadman, 2' Space, 5' High, 2" Planking, Pressure Treat	161.44	59.93
		For >3:1 Sloped Soil At Top, Add	*3.54*	
32 32 29 00-0050	LF	6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated	283.33	101.15
		For >3:1 Sloped Soil At Top, Add	*6.88*	
32 32 29 00-0051	LF	6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated	287.11	101.15
		For >3:1 Sloped Soil At Top, Add	*7.20*	
32 32 29 00-0052	LF	6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat	270.08	97.18
		For >3:1 Sloped Soil At Top, Add	*6.43*	
32 32 29 00-0053	LF	8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated	634.76	223.57
		For >3:1 Sloped Soil At Top, Add	*15.95*	
32 32 29 00-0054	LF	4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking	77.03	30.73
		For >3:1 Sloped Soil At Top, Add	*1.32*	
32 32 29 00-0055	LF	4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking	111.35	43.68
		For >3:1 Sloped Soil At Top, Add	*2.04*	
32 32 29 00-0056	LF	4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking	161.44	59.93
		For >3:1 Sloped Soil At Top, Add	*3.54*	
32 32 29 00-0057	LF	6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking	202.84	74.58
		For >3:1 Sloped Soil At Top, Add	*4.57*	
32 32 29 00-0058	LF	6" x 6" Post, 2' Spacing, 7' High, 2" Planking, Creosoted, Post And Board Retaining Walls	283.33	101.15
		For >3:1 Sloped Soil At Top, Add	*6.88*	
32 32 29 00-0059	LF	6" x 6" Post With Deadman, 3' Spacing, 8' High, 2" Planking, Creosoted, Post And Board Retaining Walls	270.08	97.18
		For >3:1 Sloped Soil At Top, Add	*6.43*	
32 32 29 00-0060	LF	8" x 8" Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking, Post And Board Retaining Walls	634.76	223.57
		For >3:1 Sloped Soil At Top, Add	*15.95*	

32 32 29 00-0061 Wood Tie Retaining Walls, Rod Connector At 4' *(32 32 29)*

Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0062 Redwood *(32 32 29 00-0061)*

32 32 29 00-0063	LF	2' High, 6" x 6" Wood Tie Wall	101.84	32.71
		For >3:1 Sloped Soil At Top, Add	*3.09*	
32 32 29 00-0064	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	232.36	74.58
		For >3:1 Sloped Soil At Top, Add	*7.08*	
32 32 29 00-0065	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	347.84	111.83
		For >3:1 Sloped Soil At Top, Add	*10.55*	
32 32 29 00-0066	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	335.48	95.86
		For >3:1 Sloped Soil At Top, Add	*12.22*	
32 32 29 00-0067	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	504.10	143.78
		For >3:1 Sloped Soil At Top, Add	*18.40*	
32 32 29 00-0068	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	665.68	189.07
		For >3:1 Sloped Soil At Top, Add	*24.45*	

32 32 29 00-0069 Cedar *(32 32 29 00-0061)*

32 32 29 00-0070	LF	2' High, 6" x 6" Wood Tie Wall	100.32	32.71
		For >3:1 Sloped Soil At Top, Add	*2.96*	
32 32 29 00-0071	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	227.82	74.58
		For >3:1 Sloped Soil At Top, Add	*6.69*	
32 32 29 00-0072	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	341.78	111.83
		For >3:1 Sloped Soil At Top, Add	*10.04*	
32 32 29 00-0073	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	324.89	95.86
		For >3:1 Sloped Soil At Top, Add	*11.32*	
32 32 29 00-0074	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	488.96	143.78
		For >3:1 Sloped Soil At Top, Add	*17.11*	
32 32 29 00-0075	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	644.49	189.07
		For >3:1 Sloped Soil At Top, Add	*22.64*	

32 32 29 00-0076 Creosoted Wood *(32 32 29 00-0061)*

32 32 29 00-0077	LF	2' High, 6" x 8" Wood Tie Wall	112.62	43.39
		For >3:1 Sloped Soil At Top, Add	*2.19*	
32 32 29 00-0078	LF	4' High, 6" x 8" Wood Tie Wall Deadman At 6'	258.00	99.83
		For >3:1 Sloped Soil At Top, Add	*4.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0079	LF	6' High, 6" x 8" Wood Tie Wall Deadman At 6'	382.56	147.76
		For >3:1 Sloped Soil At Top, Add	*7.40*	
32 32 29 00-0080	LF	4' High, 7" x 9" Wood Tie Wall Deadman At 6'	518.58	200.98
		For >3:1 Sloped Soil At Top, Add	*9.91*	
32 32 29 00-0081	LF	6' High, 7" x 9" Wood Tie Wall Deadman At 6'	755.05	292.77
		For >3:1 Sloped Soil At Top, Add	*14.41*	
32 32 29 00-0082	LF	8' High, 7" x 9" Wood Tie Wall Deadman At 6'	1,001.88	388.16
		For >3:1 Sloped Soil At Top, Add	*19.17*	

32 32 29 00-0083 Pressure Treated Wood *(32 32 29 00-0061)*

32 32 29 00-0084	LF	2' High, 6" x 6" Wood Tie Wall	88.19	27.04
		For >3:1 Sloped Soil At Top, Add	*2.90*	
32 32 29 00-0085	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	200.43	61.26
		For >3:1 Sloped Soil At Top, Add	*6.63*	
32 32 29 00-0086	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	300.28	91.89
		For >3:1 Sloped Soil At Top, Add	*9.91*	
32 32 29 00-0087	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	327.64	110.51
		For >3:1 Sloped Soil At Top, Add	*9.07*	
32 32 29 00-0088	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	492.17	165.15
		For >3:1 Sloped Soil At Top, Add	*13.77*	
32 32 29 00-0089	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	652.56	219.60
		For >3:1 Sloped Soil At Top, Add	*18.14*	

32 32 53 Stone Retaining Walls *(32 32)*

32 32 53 00-0001 Stone Retaining Walls *(32 32 53)*

Note: Construction is either dry set or mortar set. System includes concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.

32 32 53 00-0002 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $16.00/ton.

32 32 53 00-0003	LF	$16.00/ton 3' High Stone Retaining Wall, Dry Set	430.03	190.66
		For >3:1 Sloped Soil At Top, Add	*4.14*	
32 32 53 00-0004	LF	$16.00/ton 4' High Stone Retaining Wall, Dry Set	506.86	226.82
		For >3:1 Sloped Soil At Top, Add	*4.52*	
32 32 53 00-0005	LF	$16.00/ton 6' High Stone Retaining Wall, Dry Set	664.90	301.35
		For >3:1 Sloped Soil At Top, Add	*5.29*	
32 32 53 00-0006	LF	$16.00/ton 8' High Stone Retaining Wall, Dry Set	1,022.73	471.17
		For >3:1 Sloped Soil At Top, Add	*6.83*	
32 32 53 00-0007	LF	$16.00/ton 10' High Stone Retaining Wall, Dry Set	1,327.77	616.35
		For >3:1 Sloped Soil At Top, Add	*8.08*	
32 32 53 00-0008	LF	$16.00/ton 12' High Stone Retaining Wall, Dry Set	1,647.11	767.53
		For >3:1 Sloped Soil At Top, Add	*9.52*	
32 32 53 00-0009	LF	$16.00/ton 3' High Stone Retaining Wall, Mortar Set	386.24	168.80
		For >3:1 Sloped Soil At Top, Add	*4.14*	
32 32 53 00-0010	LF	$16.00/ton 4' High Stone Retaining Wall, Mortar Set	452.66	199.72
		For >3:1 Sloped Soil At Top, Add	*4.52*	
32 32 53 00-0011	LF	$16.00/ton 6' High Stone Retaining Wall, Mortar Set	584.89	261.29
		For >3:1 Sloped Soil At Top, Add	*5.29*	
32 32 53 00-0012	LF	$16.00/ton 8' High Stone Retaining Wall, Mortar Set	893.94	406.80
		For >3:1 Sloped Soil At Top, Add	*6.83*	
32 32 53 00-0013	LF	$16.00/ton 10' High Stone Retaining Wall, Mortar Set	1,147.11	526.06
		For >3:1 Sloped Soil At Top, Add	*8.08*	
32 32 53 00-0014	LF	$16.00/ton 12' High Stone Retaining Wall, Mortar Set	1,424.27	656.15
		For >3:1 Sloped Soil At Top, Add	*9.52*	

32 32 53 00-0015 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $32.00/ton.

32 32 53 00-0016	LF	$32.00/ton 3' High Stone Retaining Wall, Dry Set	444.74	190.66
		For >3:1 Sloped Soil At Top, Add	*5.39*	
32 32 53 00-0017	LF	$32.00/ton 4' High Stone Retaining Wall, Dry Set	527.22	226.82
		For >3:1 Sloped Soil At Top, Add	*6.25*	
32 32 53 00-0018	LF	$32.00/ton 6' High Stone Retaining Wall, Dry Set	694.31	301.35
		For >3:1 Sloped Soil At Top, Add	*7.79*	
32 32 53 00-0019	LF	$32.00/ton 8' High Stone Retaining Wall, Dry Set	1,065.72	471.17
		For >3:1 Sloped Soil At Top, Add	*10.48*	
32 32 53 00-0020	LF	$32.00/ton 10' High Stone Retaining Wall, Dry Set	1,386.60	616.35
		For >3:1 Sloped Soil At Top, Add	*13.08*	
32 32 53 00-0021	LF	$32.00/ton 12' High Stone Retaining Wall, Dry Set	1,721.78	767.53
		For >3:1 Sloped Soil At Top, Add	*15.87*	
32 32 53 00-0022	LF	$32.00/ton 3' High Stone Retaining Wall, Mortar Set	400.95	168.80
		For >3:1 Sloped Soil At Top, Add	*5.39*	
32 32 53 00-0023	LF	$32.00/ton 4' High Stone Retaining Wall, Mortar Set	473.02	199.72
		For >3:1 Sloped Soil At Top, Add	*6.25*	
32 32 53 00-0024	LF	$32.00/ton 6' High Stone Retaining Wall, Mortar Set	614.30	261.29
		For >3:1 Sloped Soil At Top, Add	*7.79*	
32 32 53 00-0025	LF	$32.00/ton 8' High Stone Retaining Wall, Mortar Set	936.93	406.80
		For >3:1 Sloped Soil At Top, Add	*10.48*	
32 32 53 00-0026	LF	$32.00/ton 10' High Stone Retaining Wall, Mortar Set	1,205.94	526.06
		For >3:1 Sloped Soil At Top, Add	*13.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0027	LF	$32.00/ton 12' High Stone Retaining Wall, Mortar Set	1,498.94	656.15
		For >3:1 Sloped Soil At Top, Add	*15.87*	
32 32 53 00-0028		Stone Retaining Walls *(32 32 53 00-0001)*		
		Note: Stone at $48.00/ton.		
32 32 53 00-0029	LF	$48.00/ton 3' High Stone Retaining Wall, Dry Set	460.58	190.66
		For >3:1 Sloped Soil At Top, Add	*6.73*	
32 32 53 00-0030	LF	$48.00/ton 4' High Stone Retaining Wall, Dry Set	547.36	226.82
		For >3:1 Sloped Soil At Top, Add	*7.96*	
32 32 53 00-0031	LF	$48.00/ton 6' High Stone Retaining Wall, Dry Set	722.60	301.35
		For >3:1 Sloped Soil At Top, Add	*10.19*	
32 32 53 00-0032	LF	$48.00/ton 8' High Stone Retaining Wall, Dry Set	1,108.72	471.17
		For >3:1 Sloped Soil At Top, Add	*14.14*	
32 32 53 00-0033	LF	$48.00/ton 10' High Stone Retaining Wall, Dry Set	1,445.44	616.35
		For >3:1 Sloped Soil At Top, Add	*18.08*	
32 32 53 00-0034	LF	$48.00/ton 12' High Stone Retaining Wall, Dry Set	1,797.59	767.53
		For >3:1 Sloped Soil At Top, Add	*22.31*	
32 32 53 00-0035	LF	$48.00/ton 3' High Stone Retaining Wall, Mortar Set	416.79	168.80
		For >3:1 Sloped Soil At Top, Add	*6.73*	
32 32 53 00-0036	LF	$48.00/ton 4' High Stone Retaining Wall, Mortar Set	493.39	199.72
		For >3:1 Sloped Soil At Top, Add	*7.98*	
32 32 53 00-0037	LF	$48.00/ton 6' High Stone Retaining Wall, Mortar Set	642.59	261.29
		For >3:1 Sloped Soil At Top, Add	*10.19*	
32 32 53 00-0038	LF	$48.00/ton 8' High Stone Retaining Wall, Mortar Set	979.93	406.80
		For >3:1 Sloped Soil At Top, Add	*14.14*	
32 32 53 00-0039	LF	$48.00/ton 10' High Stone Retaining Wall, Mortar Set	1,264.78	526.06
		For >3:1 Sloped Soil At Top, Add	*18.08*	
32 32 53 00-0040	LF	$48.00/ton 12' High Stone Retaining Wall, Mortar Set	1,574.75	656.15
		For >3:1 Sloped Soil At Top, Add	*22.31*	
32 32 53 00-0041		Stone Retaining Walls *(32 32 53 00-0001)*		
		Note: Stone at $64.00/ton.		
32 32 53 00-0042	LF	$64.00/ton 3' High Stone Retaining Wall, Dry Set	476.42	190.66
		For >3:1 Sloped Soil At Top, Add	*8.08*	
32 32 53 00-0043	LF	$64.00/ton 4' High Stone Retaining Wall, Dry Set	545.32	226.82
		For >3:1 Sloped Soil At Top, Add	*7.79*	
32 32 53 00-0044	LF	$64.00/ton 6' High Stone Retaining Wall, Dry Set	753.15	301.35
		For >3:1 Sloped Soil At Top, Add	*12.79*	
32 32 53 00-0045	LF	$64.00/ton 8' High Stone Retaining Wall, Dry Set	1,153.98	471.17
		For >3:1 Sloped Soil At Top, Add	*17.98*	
32 32 53 00-0046	LF	$64.00/ton 10' High Stone Retaining Wall, Dry Set	1,506.53	616.35
		For >3:1 Sloped Soil At Top, Add	*23.27*	
32 32 53 00-0047	LF	$64.00/ton 12' High Stone Retaining Wall, Dry Set	1,874.53	767.53
		For >3:1 Sloped Soil At Top, Add	*28.85*	
32 32 53 00-0048	LF	$64.00/ton 3' High Stone Retaining Wall, Mortar Set	432.63	168.80
		For >3:1 Sloped Soil At Top, Add	*8.08*	
32 32 53 00-0049	LF	$64.00/ton 4' High Stone Retaining Wall, Mortar Set	513.75	199.72
		For >3:1 Sloped Soil At Top, Add	*9.71*	
32 32 53 00-0050	LF	$64.00/ton 6' High Stone Retaining Wall, Mortar Set	673.14	261.29
		For >3:1 Sloped Soil At Top, Add	*12.79*	
32 32 53 00-0051	LF	$64.00/ton 8' High Stone Retaining Wall, Mortar Set	1,025.19	406.80
		For >3:1 Sloped Soil At Top, Add	*17.98*	
32 32 53 00-0052	LF	$64.00/ton 10' High Stone Retaining Wall, Mortar Set	1,325.87	526.06
		For >3:1 Sloped Soil At Top, Add	*23.27*	
32 32 53 00-0053	LF	$64.00/ton 12' High Stone Retaining Wall, Mortar Set	1,651.69	656.15
		For >3:1 Sloped Soil At Top, Add	*28.85*	

32 33 Site Furnishings *(32 30)*

32 33 13 Site Bicycle Racks *(32 33)*

32 33 13 00-0001 Bicycle Organizer And Rack *(32 33 13)*

32 33 13 00-0002 Vertical Style Bike Racks Single/Double Sided, Galvanized *(32 33 13 00-0001)*

32 33 13 00-0003 Double Sided *(32 33 13 00-0002)*

32 33 13 00-0004	EA	5' Galvanized Steel Double Sided Bike Rack, 9 Bikes	701.86	125.91
32 33 13 00-0005	EA	10' Galvanized Steel Double Sided Bike Rack, 18 Bikes	1,060.18	206.86
32 33 13 00-0006	EA	20' Galvanized Steel Double Sided Bike Rack, 36 Bikes	1,822.70	314.79

32 33 13 00-0007 Single Sided *(32 33 13 00-0002)*

32 33 13 00-0008	EA	5' Galvanized Steel Single Sided Bike Rack, 5 Bikes	614.62	112.43
32 33 13 00-0009	EA	10' Galvanized Steel Single Sided Bike Rack, 9 Bikes	871.37	187.08
32 33 13 00-0010	EA	20' Galvanized Steel Single Sided Bike Rack, 18 Bikes	1,490.57	281.07

32 33 13 00-0011 Anchor Set For Vertical Style Bike Rack *(32 33 13 00-0002)*

32 33 13 00-0012	PR	Anchor Set For Vertical Style Bike Rack Note: Anchoring frame to ground.	123.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 13 00-0013		Bike Racks Ground Loop *(32 33 13 00-0001)*		
		Note: In-ground mount.		
32 33 13 00-0014	EA	83" Ground Loop Bike Rack, Surface Or Wall Mounted, 12 Bikes	938.62	220.63
32 33 13 00-0015		Serpentine Bike Racks *(32 33 13 00-0001)*		
		Note: In-ground mount.		
32 33 13 00-0016		Galvanized, 36" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*		
32 33 13 00-0017	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Galvanized	520.88	134.91
32 33 13 00-0018	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Galvanized	704.58	146.15
32 33 13 00-0019	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Galvanized	888.28	157.40
32 33 13 00-0020	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Galvanized	1,095.03	168.64
32 33 13 00-0021	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Galvanized	1,301.77	179.88
32 33 13 00-0022	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Galvanized	1,416.39	191.13
32 33 13 00-0023		Galvanized, 42" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*		
32 33 13 00-0024	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Galvanized	588.40	134.91
32 33 13 00-0025	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Galvanized	753.26	146.15
32 33 13 00-0026	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Galvanized	918.12	157.40
32 33 13 00-0027	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Galvanized	1,065.19	168.64
32 33 13 00-0028	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Galvanized	1,230.06	179.88
32 33 13 00-0029	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Galvanized	1,430.52	191.13
32 33 13 00-0030	EA	13' x 42" High Serpentine Bike Rack, 15 Bikes, Galvanized	1,684.36	224.85
32 33 13 00-0031	EA	15' x 42" High Serpentine Bike Rack, 17 Bikes, Galvanized	1,956.01	213.62
32 33 13 00-0032	EA	17' x 42" High Serpentine Bike Rack, 19 Bikes, Galvanized	2,209.86	224.85
32 33 13 00-0033		Powder Coated, 36" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*		
32 33 13 00-0034	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Powder Coated	520.88	134.91
32 33 13 00-0035	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Powder Coated	704.58	146.15
32 33 13 00-0036	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Powder Coated	888.28	157.40
32 33 13 00-0037	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Powder Coated	1,095.03	168.64
32 33 13 00-0038	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Powder Coated	1,301.77	179.88
32 33 13 00-0039	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Powder Coated	1,416.39	191.13
32 33 13 00-0040		Powder Coated, 42" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*		
32 33 13 00-0041	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Powder Coated	606.20	134.91
32 33 13 00-0042	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Powder Coated	788.85	146.15
32 33 13 00-0043	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Powder Coated	953.71	157.40
32 33 13 00-0044	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Powder Coated	1,154.18	168.64
32 33 13 00-0045	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Powder Coated	1,319.04	179.88
32 33 13 00-0046	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Powder Coated	1,537.30	191.13
32 33 13 00-0047	EA	13' x 42" High Serpentine Bike Rack, 15 Bikes, Powder Coated	1,826.73	224.85
32 33 13 00-0048	EA	15' x 42" High Serpentine Bike Rack, 17 Bikes, Powder Coated	2,116.18	213.62
32 33 13 00-0049	EA	17' x 42" High Serpentine Bike Rack, 19 Bikes, Powder Coated	2,387.84	224.85
32 33 13 00-0050		Stainless Steel, 36" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*		
32 33 13 00-0051	EA	1' x 36" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	974.58	134.91
32 33 13 00-0052	EA	3' x 36" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	1,449.64	146.15
32 33 13 00-0053	EA	5' x 36" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	1,924.71	157.40
32 33 13 00-0054	EA	7' x 36" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	2,464.46	168.64
32 33 13 00-0055	EA	9' x 36" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	3,004.18	179.88
32 33 13 00-0056	EA	11' x 36" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	3,285.29	191.13
32 33 13 00-0057		Stainless Steel, 42" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*		
32 33 13 00-0058	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	766.37	134.91
32 33 13 00-0059	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	1,678.72	146.15
32 33 13 00-0060	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	2,199.52	157.40
32 33 13 00-0061	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	2,684.74	168.64
32 33 13 00-0062	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	3,187.76	179.88
32 33 13 00-0063	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	3,708.58	191.13
32 33 13 00-0064		Bike Racks Bollards/Bicycle Posts *(32 33 13 00-0001)*		
		Note: In-ground mount.		
32 33 13 00-0065	EA	43" Overall Height, 4-1/2" Outside Diameter Bollard/Bicycle Post, 2 Loop Galvanized Steel Bollard (Belson BOL450-2R-IG-G)	614.32	101.19
32 33 23		**Site Trash and Litter Receptacles** *(32 33)*		
32 33 23 00-0001		Steel Trash Containment *(32 33 23)*		
32 33 23 00-0002		Steel Frame Surrounded With Kiln-Dried Wood *(32 33 23 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0003	EA	13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood	525.66	53.71
32 33 23 00-0004	EA	24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood	501.76	53.71
32 33 23 00-0005	EA	21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood	501.76	53.71
32 33 23 00-0006	EA	24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood	474.87	53.71
32 33 23 00-0007	EA	18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	525.66	53.71
32 33 23 00-0008	EA	23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	474.87	53.71
32 33 23 00-0009	EA	24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	651.13	53.71
32 33 23 00-0010		**Square Steel Frames Surrounded With Flat Steel** *(32 33 23 00-0001)*		
32 33 23 00-0011	EA	26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround	951.79	53.71
32 33 23 00-0012	EA	26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	1,027.71	53.71
32 33 23 00-0013	EA	26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	1,027.71	53.71
32 33 23 00-0014		**Round Steel Pipe And Flat Steel Frames** *(32 33 23 00-0001)* Note: Surrounded with kiln-dried wood.		
32 33 23 00-0015	EA	21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,407.32	53.71
32 33 23 00-0016	EA	21" Diameter x 32" High Flat Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,515.78	53.71
32 33 23 00-0017	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,746.26	53.71
32 33 23 00-0018	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,583.57	53.71
32 33 23 00-0019		**Round Steel Pipe Surrounded With Perforated** *(32 33 23 00-0001)*		
32 33 23 00-0020	EA	21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe	1,258.19	53.71
32 33 23 00-0021	EA	21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe	1,366.65	53.71
32 33 23 00-0022	EA	21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe	1,597.13	53.71
32 33 23 00-0023	EA	21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe	1,447.99	53.71
32 33 23 00-0024		**Round Steel Pipe Frames Surrounded With Welded Wire** *(32 33 23 00-0001)*		
32 33 23 00-0025	EA	21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround	1,000.59	53.71
32 33 23 00-0026	EA	21" Diameter x 32" High Open Top Trash Steel Container Pipe Frame, Welded Wire Surround	1,109.05	53.71
32 33 23 00-0027	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround	1,339.53	53.71
32 33 23 00-0028	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround	1,190.40	53.71
32 33 23 00-0029		**Litter Baskets** *(32 33 23)*		
32 33 23 00-0030		**Round Wire Litter Baskets** *(32 33 23 00-0029)*		
32 33 23 00-0031	EA	1.33' Diameter x 1.83' High Round Wire Litter Basket	176.49	5.46
32 33 23 00-0032	EA	1.5' Diameter x 1.83' High Round Wire Litter Basket	222.89	5.46
32 33 23 00-0033	EA	1.75' Diameter x 2.33' High Round Wire Litter Basket	301.61	5.46
32 33 23 00-0034	EA	1.83' Diameter x 2.83' High Round Wire Litter Basket	346.04	5.46
32 33 23 00-0035		**Trash Can/Wire Basket Holder** *(32 33 23 00-0029)*		
32 33 23 00-0036	EA	Steel Post, Single Holder	251.25	43.86
32 33 23 00-0037	EA	Steel Post, Double Holder	340.04	43.86
32 33 23 00-0038	EA	Redwood Post, Single Holder	126.71	43.86
32 33 23 00-0039	EA	Redwood Post, Double Holder	144.83	43.86
32 33 23 00-0040		**Litter Receptacles, Freestanding** *(32 33 23 00-0029)* Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube.		
32 33 23 00-0041	EA	16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded	1,419.03	22.38
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0042	EA	16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded	1,493.72	22.38
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0043	EA	20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded	1,740.17	33.56
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0044	EA	20" Diameter x 40" High Litter Receptacle, Freestanding Embedded	1,814.86	33.56
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0045	EA	16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole	1,889.55	33.56
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0046	EA	16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole	1,964.24	33.56
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0047	EA	16" Diameter x 28" High Litter Receptacle, Wall Mount	1,566.90	29.09
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	
32 33 23 00-0048	EA	16" Diameter x 32" High Litter Receptacle, Wall Mount	1,641.59	29.09
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	

32 33 23 00-0049 Ash Receptacles *(32 33 23)*

32 33 23 00-0050	EA	12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded	585.13	22.38
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Sand Pan, Add	*110.00*	
		For Bowl And Funnel, Add	*120.00*	
32 33 23 00-0051	EA	18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner	250.13	22.38

32 33 23 00-0052 Trash Receptacles *(32 33 23)*

32 33 23 00-0053	EA	Outdoor Covered Steel Receptacle With Liner	1,165.09	22.38
32 33 23 00-0054	EA	Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame	366.71	22.38
32 33 23 00-0055	EA	24" x 24" Square Trash Containment With Exposed Aggregate Finish	631.12	22.38
32 33 23 00-0056	EA	30" x 30" Square Trash Containment With Exposed Aggregate Finish	658.59	24.61
32 33 23 00-0057	EA	36" x 36" Square Trash Containment With Exposed Aggregate Finish	709.05	26.85
32 33 23 00-0058	EA	32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber	506.79	17.90
32 33 23 00-0059	EA	32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber	604.91	17.90
32 33 23 00-0060	EA	24" x 24" Square 18" High Trash Receptacle, Fiberglass	1,031.11	22.38
32 33 23 00-0061	EA	25" Square x 34" Height, Concrete Trash Receptacle With "C" Style Lid (Quick Crete QS-CAL2534W-C21)	1,389.74	29.53

32 33 23 00-0062 Trash Containers (Dumpsters) *(32 33 23)*

32 33 23 00-0063	EA	1 CY Straight Side Trash Dumpster	288.98	
32 33 23 00-0064	EA	1.5 CY Straight Side Trash Dumpster	433.47	
32 33 23 00-0065	EA	2 CY Straight Side Trash Dumpster	577.96	
32 33 23 00-0066	EA	2 CY Sloped Side Trash Dumpster	577.96	
32 33 23 00-0067	EA	3 CY Sloped Side Trash Dumpster	866.94	
32 33 23 00-0068	EA	4 CY Sloped Side Trash Dumpster	1,155.92	
32 33 23 00-0069	EA	6 CY Sloped Side Trash Dumpster	1,733.88	
32 33 23 00-0070	EA	8 CY Sloped Side Trash Dumpster	2,311.83	

32 33 33 Site Manufactured Planters *(32 33)*

32 33 33 00-0001 Precast Concrete Planters *(32 33 33)*

32 33 33 00-0002 Circular Precast Concrete Planters *(32 33 33 00-0001)*

32 33 33 00-0003	EA	24" Diameter, 17" Height, Circular Precast Concrete Planter	782.81	26.93
32 33 33 00-0004	EA	24" Diameter, 24" Height, Circular Precast Concrete Planter	876.47	32.32
32 33 33 00-0005	EA	24" Diameter, 33" Height, Circular Precast Concrete Planter	959.36	32.32
32 33 33 00-0006	EA	30" Diameter, 17" Height, Circular Precast Concrete Planter	1,040.83	37.70
32 33 33 00-0007	EA	30" Diameter, 30" Height, Circular Precast Concrete Planter	1,259.85	48.48
32 33 33 00-0008	EA	36" Diameter, 24" Height, Circular Precast Concrete Planter	1,371.99	48.48
32 33 33 00-0009	EA	36" Diameter, 30" Height, Circular Precast Concrete Planter	1,546.12	53.87
32 33 33 00-0010	EA	48" Diameter, 17" Height, Circular Precast Concrete Planter	1,633.88	53.87
32 33 33 00-0011	EA	48" Diameter, 24" Height, Circular Precast Concrete Planter	1,819.28	67.33
32 33 33 00-0012	EA	48" Diameter, 30" Height, Circular Precast Concrete Planter	1,935.17	71.64
32 33 33 00-0013	EA	48" Diameter, 36" Height, Circular Precast Concrete Planter	2,015.85	75.40
32 33 33 00-0014	EA	60" Diameter, 17" Height, Circular Precast Concrete Planter	1,830.62	67.33
32 33 33 00-0015	EA	60" Diameter, 24" Height, Circular Precast Concrete Planter	2,013.41	75.40
32 33 33 00-0016	EA	60" Diameter, 36" Height, Circular Precast Concrete Planter	2,582.47	80.80
32 33 33 00-0017	EA	72" Diameter, 36" Height, Circular Precast Concrete Planter	3,352.07	102.34
32 33 33 00-0018	EA	84" Diameter, 36" Height, Circular Precast Concrete Planter	3,896.75	107.73

32 33 33 00-0019 Square Precast Concrete Planters *(32 33 33 00-0001)*

32 33 33 00-0020	EA	36" Square, 30" Height, Square Precast Concrete Planter	1,575.26	70.02
32 33 33 00-0021	EA	42" Square, 30" Height, Square Precast Concrete Planter	1,804.38	75.40
32 33 33 00-0022	EA	60" Square, 36" Height, Square Precast Concrete Planter	2,856.54	86.18
32 33 33 00-0023	EA	72" Square, 36" Height, Square Precast Concrete Planter	3,047.72	91.57

32 33 33 00-0024 Rectangular Precast Concrete Planters *(32 33 33 00-0001)*

32 33 33 00-0025	EA	33" x 18", 20" Height, Rectangular Precast Concrete Planter	913.04	32.32
32 33 33 00-0026	EA	48" x 18", 20" Height, Rectangular Precast Concrete Planter	1,069.69	48.48

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 33 00-0027	EA	60" x 18", 20" Height, Rectangular Precast Concrete Planter	1,241.37	53.87
32 33 33 00-0028	EA	72" x 18", 20" Height, Rectangular Precast Concrete Planter	1,412.14	67.33
32 33 33 00-0029		Fiberglass Planters *(32 33 33)*		
32 33 33 00-0030		Circular Fiberglass Planters *(32 33 33 00-0029)*		
32 33 33 00-0031	EA	36" Diameter, 27" High, Circular Fiberglass Planter	1,934.41	26.93
32 33 33 00-0032	EA	60" Diameter, 39" High, Circular Fiberglass Planter	3,230.44	26.93
32 33 33 00-0033	EA	36" Diameter, 24" High, Circular Fiberglass Planter	1,284.07	26.93
32 33 33 00-0034	EA	60" Diameter, 24" High, Circular Fiberglass Planter	2,547.21	26.93
32 33 33 00-0035		Tapered Circular Fiberglass Planters *(32 33 33 00-0029)*		
32 33 33 00-0036	EA	24" Diameter, 20" High, Tapered Circular Fiberglass Planter	742.37	26.93
32 33 33 00-0037	EA	30" Diameter, 25" High, Tapered Circular Fiberglass Planter	1,096.23	26.93
32 33 33 00-0038	EA	36" Diameter, 30" High, Tapered Circular Fiberglass Planter	1,967.29	26.93
32 33 33 00-0039	EA	40" Diameter, 36" High, Tapered Circular Fiberglass Planter	2,753.83	26.93
32 33 33 00-0040		Square Fiberglass Planters *(32 33 33 00-0029)*		
32 33 33 00-0041	EA	24" Square, 21" High, Square Fiberglass Planter	980.14	26.93
32 33 33 00-0042	EA	24" Square, 24" High, Square Fiberglass Planter	1,002.32	26.93
32 33 33 00-0043	EA	30" Square, 12" High, Square Fiberglass Planter	1,014.05	26.93
32 33 33 00-0044	EA	30" Square, 21" High, Square Fiberglass Planter	1,152.59	26.93
32 33 33 00-0045	EA	30" Square, 24" High, Square Fiberglass Planter	1,253.53	26.93
32 33 33 00-0046		Rectangular Fiberglass Planters *(32 33 33 00-0029)*		
32 33 33 00-0047	EA	48" x 12", 12" High, Rectangular Fiberglass Planter	1,130.65	26.93
32 33 33 00-0048	EA	48" x 12", 21" High, Rectangular Fiberglass Planter	1,213.43	26.93
32 33 33 00-0049	EA	48" x 24", 12" High, Rectangular Fiberglass Planter	1,586.19	26.93
32 33 33 00-0050	EA	48" x 24", 21" High, Rectangular Fiberglass Planter	1,751.75	26.93
32 33 33 00-0051		Timber Planters *(32 33 33)*		
32 33 33 00-0052		Square Timber Planters *(32 33 33 00-0051)*		
32 33 33 00-0053	EA	14" Square, 30" High, Square Timber Planter	452.03	53.71
32 33 33 00-0054	EA	21" Square, 30" High, Square Timber Planter	452.03	53.71
32 33 33 00-0055	EA	27" Square, 30" High, Square Timber Planter	833.01	53.71
32 33 33 00-0056	EA	34" Square, 30" High, Square Timber Planter	725.69	53.71
32 33 33 00-0057	EA	41" Square, 36" High, Square Timber Planter	859.84	53.71
32 33 33 00-0058	EA	54" Square, 36" High, Square Timber Planter	2,169.11	53.71
32 33 33 00-0059	EA	81" Square, 36" High, Square Timber Planter	3,247.65	53.71
32 33 33 00-0060		Rectangular Timber Planters *(32 33 33 00-0051)*		
32 33 33 00-0061	EA	21" x 14", 30" High, Rectangular Timber Planter	446.67	53.71
32 33 33 00-0062	EA	27" x 14", 30" High, Rectangular Timber Planter	494.96	53.71
32 33 33 00-0063	EA	27" x 21", 30" High, Rectangular Timber Planter	639.84	53.71
32 33 33 00-0064	EA	34" x 21", 30" High, Rectangular Timber Planter	704.23	53.71
32 33 33 00-0065	EA	41" x 21", 30" High, Rectangular Timber Planter	897.40	53.71
32 33 33 00-0066	EA	34" x 27", 30" High, Rectangular Timber Planter	1,036.91	53.71
32 33 33 00-0067	EA	41" x 27", 30" High, Rectangular Timber Planter	1,154.96	53.71
32 33 33 00-0068	EA	54" x 27", 30" High, Rectangular Timber Planter	1,493.01	53.71
32 33 33 00-0069	EA	54" x 34", 30" High, Rectangular Timber Planter	1,680.82	53.71
32 33 33 00-0070	EA	68" x 34", 36" High, Rectangular Timber Planter	1,911.55	53.71
32 33 33 00-0071	EA	54" x 41", 36" High, Rectangular Timber Planter	1,820.33	53.71
32 33 33 00-0072	EA	68" x 41", 36" High, Rectangular Timber Planter	2,056.43	53.71
32 33 33 00-0073	EA	81" x 41", 36" High, Rectangular Timber Planter	2,297.89	53.71
32 33 43		**Site Seating and Tables** *(32 33)*		
32 33 43 13		**Site Seating** *(32 33 43)*		
32 33 43 13-0001		Benches (Landscapeforms) *(32 33 43 13)*		
		Note: Excludes embedding in concrete See CSI section 32 31 13 13-0001 for drilling and concrete.		
32 33 43 13-0002	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade)	1,576.34	89.51
32 33 43 13-0003	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade)	1,967.59	89.51
32 33 43 13-0004	EA	96" Backed Wood Bench (Landscapeforms Balustrade)	2,219.11	89.51
32 33 43 13-0005	EA	End Loop Arms For Backed Bench (Landscapeforms Balustrade)	184.49	22.38
32 33 43 13-0006	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's)	1,722.15	89.51
32 33 43 13-0007	EA	96" Backless Wood Bench (Landscapeforms Gretchen's)	1,946.93	89.51
32 33 43 13-0008	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Gretchen's)	2,123.12	89.51
32 33 43 13-0009	EA	96" Backed Wood Bench (Landscapeforms Gretchen's)	2,396.50	89.51
32 33 43 13-0010	EA	72" Backed Wood Or PolySite Bench With Armrest (Landscapeforms Gretchen's)	2,426.88	89.51
32 33 43 13-0011	EA	96" Backed Wood Bench With Armrest (Landscapeforms Gretchen's)	2,700.27	89.51
32 33 43 13-0012	EA	59" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	3,146.93	89.51
32 33 43 13-0013	EA	75" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	3,419.34	89.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0014	EA	42" Backless Metal Grid Bench (Landscapeforms Manistee)	894.16	67.14
32 33 43 13-0015	EA	62" Backless Metal Grid Bench (Landscapeforms Manistee)	965.85	67.14
32 33 43 13-0016	EA	72" Backless Metal Grid Bench (Landscapeforms Manistee)	1,045.58	78.33
32 33 43 13-0017	EA	82" Backless Metal Grid Bench (Landscapeforms Manistee)	1,217.63	78.33
32 33 43 13-0018	EA	42" Backed Metal Grid Bench (Landscapeforms Manistee)	1,117.27	78.33
32 33 43 13-0019	EA	62" Backed Metal Grid Bench (Landscapeforms Manistee)	1,188.96	78.33
32 33 43 13-0020	EA	72" Backed Metal Grid Bench (Landscapeforms Manistee)	1,283.02	89.51
32 33 43 13-0021	EA	82" Backed Metal Grid Bench (Landscapeforms Manistee)	1,469.41	89.51
32 33 43 13-0022	EA	42" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,246.31	78.33
32 33 43 13-0023	EA	62" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,340.37	89.51
32 33 43 13-0024	EA	72" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,412.06	89.51
32 33 43 13-0025	EA	82" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,598.45	89.51
32 33 43 13-0026	EA	72" Backless Solid Wood Bench (Landscapeforms Palisade)	2,536.24	89.51
32 33 43 13-0027	EA	96" Backless Solid Wood Bench (Landscapeforms Palisade)	2,912.90	89.51
32 33 43 13-0028	EA	70" Backless Perforated Metal Bench (Landscapeforms Petoskey)	1,632.23	89.51
32 33 43 13-0029	EA	70" Dual Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	1,967.59	89.51
32 33 43 13-0030	EA	70" Quad Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	2,135.27	89.51
32 33 43 13-0031	EA	72" Backed Wood Bench (Landscapeforms Plainwell)	2,080.59	89.51
32 33 43 13-0032	EA	72" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,305.38	89.51
32 33 43 13-0033	EA	96" Backed Wood Bench (Landscapeforms Plainwell)	2,548.39	89.51
32 33 43 13-0034	EA	96" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,773.17	89.51
32 33 43 13-0035	EA	96" Backed Wood Bench With Two Center Arms (Landscapeforms Plainwell)	3,004.03	89.51
32 33 43 13-0036	EA	72" Backed Aluminum Bench (Landscapeforms Plainwell)	2,645.59	89.51
32 33 43 13-0037	EA	72" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	2,870.38	89.51
32 33 43 13-0038	EA	96" Backed Aluminum Bench (Landscapeforms Plainwell)	3,240.97	89.51
32 33 43 13-0039	EA	96" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	3,477.91	89.51
32 33 43 13-0040	EA	96" Backed Aluminum Bench With Two Center Arms (Landscapeforms Plainwell)	3,696.62	89.51
32 33 43 13-0041	EA	Backless Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	603.69	22.38
32 33 43 13-0042	EA	Backless Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	810.25	22.38
32 33 43 13-0043	EA	Backless Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	810.25	22.38
32 33 43 13-0044	EA	Backed Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	737.34	22.38
32 33 43 13-0045	EA	Narrow-Backed Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	913.53	22.38
32 33 43 13-0046	EA	Narrow-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	913.53	22.38
32 33 43 13-0047	EA	Wide-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	913.53	22.38
32 33 43 13-0048	EA	Armrest For Metal Grid Seats (Landscapeforms Plexus)	184.49	22.38
32 33 43 13-0049	EA	Backless Straight Metal Grid Seats (Landscapeforms Presidio)	846.70	22.38
32 33 43 13-0050	EA	Backless Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	937.83	22.38
32 33 43 13-0051	EA	Backless Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,028.96	22.38
32 33 43 13-0052	EA	Backless Angled Metal Grid Seats (Landscapeforms Presidio)	1,022.88	22.38
32 33 43 13-0053	EA	Backless Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,114.01	22.38
32 33 43 13-0054	EA	Backless Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,205.14	22.38
32 33 43 13-0055	EA	Backed Straight Metal Grid Seats (Landscapeforms Presidio)	1,010.73	22.38
32 33 43 13-0056	EA	Backed Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,101.86	22.38
32 33 43 13-0057	EA	Backed Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,192.99	22.38
32 33 43 13-0058	EA	Narrow-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,235.52	22.38
32 33 43 13-0059	EA	Narrow-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,326.65	22.38
32 33 43 13-0060	EA	Narrow-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,417.78	22.38
32 33 43 13-0061	EA	Wide-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,235.52	22.38
32 33 43 13-0062	EA	Wide-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,326.65	22.38
32 33 43 13-0063	EA	Wide-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,417.78	22.38
32 33 43 13-0064	EA	48" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,697.84	89.51
32 33 43 13-0065	EA	72" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,722.15	89.51
32 33 43 13-0066	EA	96" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	2,092.74	89.51
32 33 43 13-0067	EA	48" Backless Woven Bench (Landscapeforms Scarborough)	2,536.24	89.51
32 33 43 13-0068	EA	72" Backless Woven Bench (Landscapeforms Scarborough)	2,991.88	89.51
32 33 43 13-0069	EA	96" Backless Woven Bench (Landscapeforms Scarborough)	3,423.23	89.51
32 33 43 13-0070	EA	24" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,369.78	89.51
32 33 43 13-0071	EA	48" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,819.35	89.51
32 33 43 13-0072	EA	72" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,861.88	89.51
32 33 43 13-0073	EA	72" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,141.34	89.51
32 33 43 13-0074	EA	96" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	2,414.73	89.51
32 33 43 13-0075	EA	96" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,700.27	89.51
32 33 43 13-0076	EA	96" Backed Horizontal Strap Bench With Two Intermediate Arms (Landscapeforms Scarborough)	2,979.73	89.51
32 33 43 13-0077	EA	24" Backed Woven Bench (Landscapeforms Scarborough)	2,414.73	89.51
32 33 43 13-0078	EA	48" Backed Woven Bench (Landscapeforms Scarborough)	2,918.98	89.51
32 33 43 13-0079	EA	72" Backed Woven Bench (Landscapeforms Scarborough)	3,411.08	89.51
32 33 43 13-0080	EA	72" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	3,696.62	89.51
32 33 43 13-0081	EA	96" Backed Woven Bench (Landscapeforms Scarborough)	4,304.15	89.51
32 33 43 13-0082	EA	96" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	4,583.61	89.51
32 33 43 13-0083	EA	96" Backed Woven Bench With Two Intermediate Arms (Landscapeforms Scarborough)	4,857.00	89.51
32 33 43 13-0084	EA	32" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,159.06	78.33
32 33 43 13-0085	EA	49" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,396.00	78.33
32 33 43 13-0086	EA	49" Backed Strap Or Perforated Bench With Divider (Landscapeforms Town Square)	1,523.58	78.33
32 33 43 13-0087	EA	70" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,782.90	89.51
32 33 43 13-0088	EA	70" Backed Strap Or Perforated Bench With Two Dividers (Landscapeforms Town Square)	2,019.84	89.51

32 33 43 13-0089 Benches (Columbia Cascade, TimberForm) *(32 33 43 13)*

32 33 43 13-0090 Wood Benches (Columbia Cascade, TimberForm) *(32 33 43 13-0089)*

Note: Includes powder coated steel frames.

32 33 43 13-0091	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-E)	831.72	44.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0092	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-E)	954.40	44.76
32 33 43 13-0093	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-E)	1,224.26	44.76
32 33 43 13-0094	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-P)	868.54	44.76
32 33 43 13-0095	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-P)	991.20	44.76
32 33 43 13-0096	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-P)	1,273.32	44.76
32 33 43 13-0097	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-E)	1,273.32	44.76
32 33 43 13-0098	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-E)	1,481.84	44.76
32 33 43 13-0099	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-E)	1,911.15	44.76
32 33 43 13-0100	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-P)	1,334.65	44.76
32 33 43 13-0101	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-P)	1,543.17	44.76
32 33 43 13-0102	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-P)	1,997.02	44.76
32 33 43 13-0103	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-E)	2,463.13	44.76
32 33 43 13-0104	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-E)	2,892.44	44.76
32 33 43 13-0105	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-E)	3,787.86	44.76
32 33 43 13-0106	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-P)	2,524.46	44.76
32 33 43 13-0107	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-P)	2,953.77	44.76
32 33 43 13-0108	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-P)	3,873.72	44.76
32 33 43 13-0109	EA	70" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-E)	966.67	44.76
32 33 43 13-0110	EA	94" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-E)	1,089.33	44.76
32 33 43 13-0111	EA	70" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-P)	1,003.47	44.76
32 33 43 13-0112	EA	94" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-P)	1,126.13	44.76
32 33 43 13-0113	EA	46" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-E)	1,616.77	44.76
32 33 43 13-0114	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-E)	1,911.15	44.76
32 33 43 13-0115	EA	46" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-P)	1,714.90	44.76
32 33 43 13-0116	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-P)	2,009.28	44.76
32 33 43 13-0117	EA	70" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-6)	1,014.55	67.14
32 33 43 13-0118	EA	94" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-8)	1,063.61	67.14
32 33 43 13-0119	EA	118" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-10)	1,443.86	67.14
32 33 43 13-0120	EA	46" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-E)	782.68	44.76
32 33 43 13-0121	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-E)	905.34	44.76
32 33 43 13-0122	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-E)	1,028.00	44.76
32 33 43 13-0123	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-E)	1,322.38	44.76
32 33 43 13-0124	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-E)	1,445.04	44.76
32 33 43 13-0125	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-P)	794.94	44.76
32 33 43 13-0126	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-P)	917.60	44.76
32 33 43 13-0127	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-P)	1,040.27	44.76
32 33 43 13-0128	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-P)	1,359.18	44.76
32 33 43 13-0129	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-P)	1,481.84	44.76
32 33 43 13-0130	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-E)	1,346.92	44.76
32 33 43 13-0131	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-E)	1,555.44	44.76
32 33 43 13-0132	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-E)	2,009.28	44.76
32 33 43 13-0133	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-E)	2,217.81	44.76
32 33 43 13-0134	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-P)	1,371.45	44.76
32 33 43 13-0135	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-P)	1,579.97	44.76
32 33 43 13-0136	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-P)	2,046.08	44.76
32 33 43 13-0137	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-P)	2,254.60	44.76
32 33 43 13-0138	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-E)	1,346.92	44.76
32 33 43 13-0139	EA	82" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-E)	1,898.89	44.76
32 33 43 13-0140	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-E)	1,690.37	44.76
32 33 43 13-0141	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-E)	2,230.07	44.76
32 33 43 13-0142	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-E)	2,438.59	44.76
32 33 43 13-0143	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-P)	1,543.17	44.76
32 33 43 13-0144	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-P)	1,935.69	44.76
32 33 43 13-0145	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-P)	1,714.90	44.76
32 33 43 13-0146	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-P)	2,266.87	44.76
32 33 43 13-0147	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-P)	2,475.39	44.76
32 33 43 13-0148	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-6)	1,419.33	67.14
32 33 43 13-0149	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-8)	1,640.12	67.14
32 33 43 13-0150	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-10)	2,106.23	67.14
32 33 43 13-0151	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-6)	1,554.26	67.14
32 33 43 13-0152	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-8)	1,775.04	67.14
32 33 43 13-0153	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-10)	2,314.75	67.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0154		Recycled Plastic Benches (Columbia Cascade, TimberForm) *(32 33 43 13-0089)*		
		Note: Includes powder coated steel frames.		
32 33 43 13-0155	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-E)	1,138.39	44.76
32 33 43 13-0156	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-E)	1,555.44	44.76
32 33 43 13-0157	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-P)	1,175.19	44.76
32 33 43 13-0158	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-P)	1,592.24	44.76
32 33 43 13-0159	EA	46" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-E)	1,788.49	44.76
32 33 43 13-0160	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-E)	2,095.15	44.76
32 33 43 13-0161	EA	46" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-P)	1,886.62	44.76
32 33 43 13-0162	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-P)	2,193.27	44.76
32 33 43 13-0163	EA	70" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-6)	1,137.21	67.14
32 33 43 13-0164	EA	94" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-8)	1,370.26	67.14
32 33 43 13-0165	EA	118" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-10)	1,615.59	67.14
32 33 43 13-0166	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-E)	929.85	44.76
32 33 43 13-0167	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-E)	1,248.79	44.76
32 33 43 13-0168	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-E)	1,494.11	44.76
32 33 43 13-0169	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-P)	966.67	44.76
32 33 43 13-0170	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-P)	1,285.59	44.76
32 33 43 13-0171	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-P)	1,543.17	44.76
32 33 43 13-0172	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-E)	1,481.84	44.76
32 33 43 13-0173	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-E)	1,997.02	44.76
32 33 43 13-0174	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-E)	2,426.33	44.76
32 33 43 13-0175	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-P)	1,543.17	44.76
32 33 43 13-0176	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-P)	2,082.88	44.76
32 33 43 13-0177	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-P)	2,512.19	44.76
32 33 43 13-0178	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-E)	2,892.44	44.76
32 33 43 13-0179	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-E)	3,984.12	44.76
32 33 43 13-0180	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-E)	4,413.43	44.76
32 33 43 13-0181	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-P)	2,953.77	44.76
32 33 43 13-0182	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-P)	4,069.98	44.76
32 33 43 13-0183	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-P)	4,499.29	44.76
32 33 43 13-0184	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-E)	1,813.03	44.76
32 33 43 13-0185	EA	82" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-E)	2,524.46	44.76
32 33 43 13-0186	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-E)	2,414.06	44.76
32 33 43 13-0187	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-E)	2,769.78	44.76
32 33 43 13-0188	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-E)	3,726.53	44.76
32 33 43 13-0189	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-P)	1,837.56	44.76
32 33 43 13-0190	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-P)	2,561.25	44.76
32 33 43 13-0191	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-P)	2,450.86	44.76
32 33 43 13-0192	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-P)	2,806.58	44.76
32 33 43 13-0193	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-P)	3,787.86	44.76
32 33 43 13-0194	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-6)	1,725.98	67.14
32 33 43 13-0195	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-8)	2,327.02	67.14
32 33 43 13-0196	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-10)	2,878.99	67.14
32 33 43 13-0197	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-6)	1,934.50	67.14
32 33 43 13-0198	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-8)	2,584.60	67.14
32 33 43 13-0199	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-10)	2,842.19	67.14
32 33 43 13-0200	EA	46" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-E)	831.74	44.76
32 33 43 13-0201	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-E)	1,089.33	44.76
32 33 43 13-0202	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-E)	1,469.58	44.76
32 33 43 13-0203	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-E)	1,727.16	44.76
32 33 43 13-0204	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-E)	2,009.28	44.76
32 33 43 13-0205	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-P)	856.27	44.76
32 33 43 13-0206	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-P)	1,113.86	44.76
32 33 43 13-0207	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-P)	1,506.38	44.76
32 33 43 13-0208	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-P)	1,763.96	44.76
32 33 43 13-0209	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-P)	2,058.35	44.76
32 33 43 13-0210	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-E)	1,616.77	44.76

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32 33 43 13-0211	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-E)	2,217.81	44.76
32 33 43 13-0212	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-E)	2,732.98	44.76
32 33 43 13-0213	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E)	3,076.43	44.76
32 33 43 13-0214	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P)	1,641.30	44.76
32 33 43 13-0215	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P)	2,254.60	44.76
32 33 43 13-0216	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P)	2,769.78	44.76
32 33 43 13-0217	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P)	3,125.49	44.76
32 33 43 13-0218		**Benches (Wabash Valley)** *(32 33 43 13)*		
32 33 43 13-0219		**Prestige/Profile Benches** *(32 33 43 13-0218)*		
32 33 43 13-0220	EA	6' Bench With Arms, Inground, Diamond Site Furniture (Wabash Valley PP411D)	743.21	41.80
32 33 43 13-0221	EA	6' Bench With Arms, Inground, Perforated Site Furniture (Wabash Valley PP411P)	818.92	41.80
32 33 43 13-0222		**Straight Benches** *(32 33 43 13-0218)*		
32 33 43 13-0223	EA	6' Signature Standard Inground Bench With Back (Wabash Valley SG303P)	941.92	62.66
32 33 43 13-0224	EA	6' Signature Standard Surface Mount Bench With Back (Wabash Valley SG306P)	956.51	62.66
32 33 43 13-0225	EA	8' Signature Standard Inground Bench With Back (Wabash Valley SG315P)	1,027.02	62.66
32 33 43 13-0226	EA	8' Signature Standard Inground Bench Without Back (Wabash Valley SG316P)	679.35	62.66
32 33 43 13-0227	EA	8' Signature Standard Surface Mount Bench With Back (Wabash Valley SG318P)	1,027.02	62.66
32 33 43 13-0228	EA	8' Signature Standard Surface Mount Bench Without Back (Wabash Valley SG319P)	679.35	62.66
32 33 43 13-0229	EA	Shelter With 6' Bench (Wabash Valley SH305P)	6,687.90	80.56
32 33 43 13-0230	EA	2-Seat With Back, Portable (Wabash Valley CL310)	1,387.24	41.80
32 33 43 13-0231	EA	2-Seat With Back, Surface Mount (Wabash Valley CL311D)	1,332.60	62.75
32 33 43 13-0232	EA	2-Seat With Back, Inground (Wabash Valley CL312D)	1,473.91	83.69
32 33 43 13-0233	EA	2-Seat Without Back, Portable (Wabash Valley CL315D)	1,194.14	41.80
32 33 43 13-0234	EA	2-Seat Without Back, Surface Mount (Wabash Valley CL316D)	1,139.51	62.75
32 33 43 13-0235	EA	2-Seat Without Back, Inground (Wabash Valley CL317D)	1,252.42	83.69
32 33 43 13-0236	EA	3-Seat With Back, Portable (Wabash Valley CL320D)	2,009.13	41.80
32 33 43 13-0237	EA	3-Seat With Back, Surface Mount (Wabash Valley CL321D)	1,974.37	62.75
32 33 43 13-0238	EA	3-Seat With Back, Inground (Wabash Valley CL322D)	2,078.77	83.69
32 33 43 13-0239	EA	3-Seat Without Back, Portable (Wabash Valley CL325D)	1,662.69	41.80
32 33 43 13-0240	EA	3-Seat Without Back, Surface Mount (Wabash Valley CL326D)	1,627.93	62.75
32 33 43 13-0241	EA	3-Seat Without Back, Inground (Wabash Valley CL327D)	1,735.16	83.69
32 33 43 13-0242		**Concave Benches** *(32 33 43 13-0218)*		
32 33 43 13-0243	EA	Benches, 15 Deg Concave With Back, Portable, CL405D	1,906.91	41.80
32 33 43 13-0244	EA	Benches, 15 Deg Concave With Back, Surface Mount, CL406D	1,860.79	62.75
32 33 43 13-0245	EA	Benches, 15 Deg Concave With Back, Inground, CL407D	1,968.02	83.69
32 33 43 13-0246	EA	Benches, 15 Deg Concave Without Back, Portable, CL415D	1,864.31	41.80
32 33 43 13-0247	EA	Benches, 15 Deg Concave Without Back, Surface Mount, CL416D	1,818.19	62.75
32 33 43 13-0248	EA	Benches, 15 Deg Concave Without Back, Inground, CL417D	1,925.42	83.69
32 33 43 13-0249		**Swings** *(32 33 43 13-0218)*		
32 33 43 13-0250	EA	4' Swing With Chain (Perforated Or Rib) SP300P	1,460.72	35.81
32 33 43 13-0251	EA	6' Swing With Chain (Perforated Or Rib) SP305P	1,711.13	35.81
32 33 43 13-0252	EA	Round Inground Post Package SP310N	709.03	83.69
32 33 43 13-0253	EA	4' Square Inground Post Package SP315N	1,564.37	107.41
32 33 43 13-0254	EA	6' Square Inground Post Package SP320N	1,695.66	107.41
32 33 43 13-0255		**Accessories** *(32 33 43 13-0218)*		
32 33 43 13-0256	EA	Mounting Plate Covers (Set Of 2), MC102N	61.70	6.26
32 33 43 13-0257	EA	Mounting Plate Covers (Set Of 3), MC103N	88.89	8.33
32 33 43 13-0258	EA	Mounting Plate Covers (Set Of 4), MC104	103.75	8.33
32 33 43 13-0259		**Camden Series Benches** *(32 33 43 13-0218)*		
32 33 43 13-0260	EA	6' Bench, With Back, Square Perforation, Portable/Surface Mount, CA1112C	1,412.86	62.66
32 33 43 13-0261	EA	6' Bench, With Back, Square Perforation, Inground, CA1111I	1,445.91	83.69
32 33 43 13-0262	EA	6' Bench, With Back, With Arms, Faux-Wood, Portable/Surface Mount, CA1112C	1,572.93	62.66
32 33 43 13-0263	EA	6' Bench, With Back, With Arms, Faux-Wood, Inground, CA1112I	1,609.88	83.69
32 33 43 13-0264	EA	6' Bench, With Back, With Arms, Rod, Portable/Surface Mount, CA1114C	1,764.23	62.66
32 33 43 13-0265	EA	6' Bench, With Back, With Arms, Rod, Inground, CA1114I	1,801.18	83.69
32 33 43 13-0266	EA	6' Bench, With Back, With Arms, Round Perforation, Portable/Surface Mount, CA1116C	1,391.39	62.66
32 33 43 13-0267	EA	6' Bench, With Back, With Arms, Round Perforation, Inground, CA1116I	1,426.39	83.69
32 33 43 13-0268	EA	6' Bench, With Back, With Arms, Horizontal Slat, Portable/Surface Mount, CA1119C	1,586.59	62.66
32 33 43 13-0269	EA	6' Bench, With Back, With Arms, Horizontal Slat, Inground, CA1116I	1,621.59	83.69

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32 33 43 13-0270		**Miscellaneous** *(32 33 43 13-0218)*		
32 33 43 13-0271	EA	4' Bench With Back, Surface Mounted, Ribbed Or Perforated, Estate (Wabash ES500)	1,654.37	83.69
32 33 43 13-0272	EA	4' Bench Without Back, Surface Mounted, Ribbed Or Perforated, Estate (Wabash ES505)	1,377.41	62.66
32 33 43 13-0273	EA	6' Bench With Back, Surface Mounted, Ribbed Or Perforated, Estate (Wabash ES520)	1,935.87	83.69
32 33 43 13-0274	EA	6' Bench Without Back, Surface Mounted, Ribbed Or Perforated, Estate (Wabash ES525)	1,656.87	62.66
32 33 43 13-0275	EA	8' Bench With Back, Surface Mounted, Ribbed Or Perforated, Estate (Wabash ES527)	2,714.64	83.69
32 33 43 13-0276	EA	8' Bench Without Back, Surface Mounted, Ribbed Or Perforated, Estate (Wabash ES528)	2,291.80	62.66
32 33 43 13-0277		**Benches, Concrete (Quick Crete)** *(32 33 43 13)*		
32 33 43 13-0278	EA	84" Long, Concrete Park Bench With Back (Quick Crete Q1PS84B)	2,318.68	111.88
32 33 43 13-0279		**Other Benches** *(32 33 43 13)*		
32 33 43 13-0280	EA	6' Timberform #2118-6 Restoration Bench With Cast Iron Glossy Black Frames, Armrests, Purple Heart Wood Slats, S.J.S.U. Logo, Surface Mount	3,742.66	82.80
32 33 43 53		**Site Tables** *(32 33 43)*		
32 33 43 53-0001		**Tables** *(32 33 43 53)*		
32 33 43 53-0002		**Tables (Wabash)** *(32 33 43 53-0001)*		
32 33 43 53-0003	EA	Spyder ADA Round Table (Wabash SY203P)	2,450.28	80.56
32 33 43 53-0004	EA	Shelter With 6' Table (Wabash SH105P)	7,436.71	80.56
32 33 43 53-0005	EA	46" Round Table With Attached Chairs, Bench Seats, Solid Top With Square Perforation Seats, Portable/Surface Mount (Wabash CA2Q50C)	2,253.02	80.56
32 33 43 53-0006	EA	46" Round Table With Attached Chairs, Bench Seats, Solid Top With Square Perforation Seats, Inground (Wabash CA2Q50I)	2,415.94	89.51
32 33 43 53-0007		**Tables (Landscapeforms)** *(32 33 43 53-0001)*		
32 33 43 53-0008	EA	Plexus Companion Table For Backed Seat, Straight Runs	774.40	83.69
32 33 43 53-0009	EA	Companion Table For Narrow-Backed Seat, For 60 Degree Radius (Landscapeforms Plexus)	968.81	83.69
32 33 43 53-0010	EA	Companion Table For Narrow-Backed Seat, For 120 Degree Radius (Landscapeforms Plexus)	968.81	83.69
32 33 43 53-0011	EA	Companion Table For Wide-Backed Seat, For 120 Degree Radius (Landscapeforms Plexus)	968.81	83.69
32 33 43 53-0012	EA	6-Person Picnic Table (Landscapeforms Manistee)	2,927.97	83.69
32 33 43 53-0013	EA	4-Person Picnic Table (Landscapeforms Manistee)	2,601.36	83.69
32 33 43 53-0014	EA	2-Person Picnic Table (Landscapeforms Manistee)	2,301.97	83.69
32 33 43 53-0015	EA	Umbrella Stand For Picnic Table (Landscapeforms)	243.01	
32 33 43 53-0016	EA	32" x 72" Picnic Table (Landscapeforms Petoskey)	2,309.04	80.56
32 33 43 53-0017	EA	62" Backless Metal Rod Bench (Landscapeforms Petoskey)	1,217.63	62.66
32 33 43 53-0018	EA	29" Backless Metal Rod Bench (Landscapeforms Petoskey)	1,016.90	62.66
32 33 43 53-0019	EA	58" x 54" x 30" Wood Or PolySite Picnic Table With Benches (Landscapeforms Gretchen)	2,704.42	80.56
32 33 43 53-0020	EA	3 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,601.36	83.69
32 33 43 53-0021	EA	4 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,601.36	83.69
32 33 43 53-0022	EA	5 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,377.06	83.69
32 33 43 53-0023	EA	6 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,377.06	83.69
32 33 43 53-0024	EA	3 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,778.28	83.69
32 33 43 53-0025	EA	4 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,778.28	83.69
32 33 43 53-0026	EA	5 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,553.97	83.69
32 33 43 53-0027	EA	6 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,553.97	83.69
32 33 43 53-0028	EA	3 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	2,710.23	83.69
32 33 43 53-0029	EA	4 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	2,710.23	83.69
32 33 43 53-0030	EA	5 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,540.36	83.69
32 33 43 53-0031	EA	6 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,540.36	83.69
32 33 43 53-0032	EA	3 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,887.15	83.69
32 33 43 53-0033	EA	4 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,887.15	83.69
32 33 43 53-0034	EA	5 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,717.27	83.69
32 33 43 53-0035	EA	6 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,717.27	83.69
32 33 43 53-0036	EA	3 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,764.67	83.69
32 33 43 53-0037	EA	4 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,764.67	83.69
32 33 43 53-0038	EA	5 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,553.97	83.69
32 33 43 53-0039	EA	6 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,553.97	83.69
32 33 43 53-0040	EA	3 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,941.58	83.69
32 33 43 53-0041	EA	4 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,941.58	83.69
32 33 43 53-0042	EA	5 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,730.88	83.69
32 33 43 53-0043	EA	6 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,730.88	83.69
32 33 43 53-0044	EA	3 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	2,900.75	83.69
32 33 43 53-0045	EA	4 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	2,900.75	83.69
32 33 43 53-0046	EA	5 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,758.10	83.69
32 33 43 53-0047	EA	6 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,758.10	83.69
32 33 43 53-0048	EA	3 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,077.67	83.69
32 33 43 53-0049	EA	4 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,077.67	83.69
32 33 43 53-0050	EA	5 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,935.01	83.69
32 33 43 53-0051	EA	6 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,935.01	83.69
32 33 43 53-0052	EA	3 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	2,414.73	83.69
32 33 43 53-0053	EA	4 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	2,414.73	83.69
32 33 43 53-0054	EA	5 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	3,180.22	83.69
32 33 43 53-0055	EA	6 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	3,180.22	83.69

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32 33 43 53-0056	EA	3 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,511.94	83.69
32 33 43 53-0057	EA	4 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,511.94	83.69
32 33 43 53-0058	EA	5 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,265.27	83.69
32 33 43 53-0059	EA	6 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,265.27	83.69
32 33 43 53-0060	EA	3 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,524.09	83.69
32 33 43 53-0061	EA	4 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,524.09	83.69
32 33 43 53-0062	EA	5 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,326.03	83.69
32 33 43 53-0063	EA	6 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,326.03	83.69
32 33 43 53-0064	EA	3 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,609.14	83.69
32 33 43 53-0065	EA	4 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,609.14	83.69
32 33 43 53-0066	EA	5 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,411.08	83.69
32 33 43 53-0067	EA	6 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,411.08	83.69
32 33 43 53-0068	EA	3 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	2,572.69	83.69
32 33 43 53-0069	EA	4 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	2,572.69	83.69
32 33 43 53-0070	EA	5 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	3,350.33	83.69
32 33 43 53-0071	EA	6 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	3,350.33	83.69
32 33 43 53-0072	EA	3 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,663.82	83.69
32 33 43 53-0073	EA	4 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,663.82	83.69
32 33 43 53-0074	EA	5 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,435.38	83.69
32 33 43 53-0075	EA	6 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,435.38	83.69
32 33 43 53-0076	EA	3 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,724.57	83.69
32 33 43 53-0077	EA	4 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,724.57	83.69
32 33 43 53-0078	EA	5 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,587.26	83.69
32 33 43 53-0079	EA	6 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,587.26	83.69
32 33 43 53-0080	EA	3 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,809.62	83.69
32 33 43 53-0081	EA	4 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,809.62	83.69
32 33 43 53-0082	EA	5 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,672.32	83.69
32 33 43 53-0083	EA	6 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,672.32	83.69
32 33 43 53-0084		Tables (Columbia Cascade Co. - TimberForm) *(32 33 43 53-0001)*		
32 33 43 53-0085	EA	Table With Four Chairs (Columbia Cascade Co. 2052-E)	4,538.98	104.55
32 33 43 53-0086	EA	Table With Four Chairs (Columbia Cascade Co. 2052-P)	5,541.22	104.55
32 33 43 53-0087	EA	Accessible Table With Three Chairs (Columbia Cascade Co. 2053-E)	3,829.06	104.55
32 33 43 53-0088	EA	Accessible Table With Three Chairs (Columbia Cascade Co. 2053-P)	4,775.62	104.55
32 33 43 53-0089	EA	Table With Four Seats (Columbia Cascade Co. 2054-E)	2,548.42	104.55
32 33 43 53-0090	EA	Table With Four Seats (Columbia Cascade Co. 2054-P)	2,771.14	104.55
32 33 43 53-0091	EA	Accessible Table With Three Seats (Columbia Cascade Co. 2055-E)	2,172.58	104.55
32 33 43 53-0092	EA	Accessible Table With Three Seats (Columbia Cascade Co. 2055-P)	2,367.46	104.55
32 33 43 53-0093	EA	Integral Table With Four Seats (Columbia Cascade Co. 2056-E)	2,840.74	104.55
32 33 43 53-0094	EA	Integral Table With Four Seats (Columbia Cascade Co. 2056-P)	3,035.62	104.55
32 33 43 53-0095	EA	Integral Table With Four Seats (Columbia Cascade Co. 2056-R)	4,594.66	104.55
32 33 43 53-0096	EA	Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-E)	2,520.58	104.55
32 33 43 53-0097	EA	Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-P)	2,715.46	104.55
32 33 43 53-0098	EA	Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-R)	4,274.50	104.55
32 33 43 53-0099	EA	Standard Picnic Table And Seats (Columbia Cascade Co. 2062)	3,133.06	104.55
32 33 43 53-0100	EA	Standard Picnic Table And Seats (Columbia Cascade Co. 2062-P)	3,355.78	104.55
32 33 43 53-0101	EA	Accessible Picnic Table And Seats (Columbia Cascade Co. 2063-E)	3,662.02	104.55
32 33 43 53-0102	EA	Accessible Picnic Table And Seats (Columbia Cascade Co. 2063-P)	3,884.74	104.55
32 33 43 53-0103	EA	Accessible Picnic Table And Benches (Columbia Cascade Co. 2072-E)	4,594.66	104.55
32 33 43 53-0104	EA	Accessible Picnic Table And Benches (Columbia Cascade Co. 2072-P)	4,817.38	104.55
32 33 43 53-0105	EA	Standard Picnic Table And Benches (Columbia Cascade Co. 2073-E)	4,594.66	104.55
32 33 43 53-0106	EA	Standard Picnic Table And Benches (Columbia Cascade Co. 2073-P)	4,817.38	104.55
32 33 43 53-0107	EA	Standard Picnic Table And Seats (Columbia Cascade Co. 2074-6)	1,077.83	41.80
32 33 43 53-0108	EA	Accessible Picnic Table And Seats (Columbia Cascade Co. 2075-6)	1,439.75	41.80
32 33 43 53-0109	EA	Gameboard (Columbia Cascade Co. 2095)	309.24	20.94
32 33 43 53-0110	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-6-E)	3,133.06	104.55
32 33 43 53-0111	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-8-E)	3,578.50	104.55
32 33 43 53-0112	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-6-P)	3,355.78	104.55
32 33 43 53-0113	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-8-P)	3,801.22	104.55
32 33 43 53-0114	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-6-E)	3,481.06	104.55
32 33 43 53-0115	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-8-E)	3,926.50	104.55
32 33 43 53-0116	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-6-P)	3,703.78	104.55
32 33 43 53-0117	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-8-P)	4,149.22	104.55
32 33 43 53-0118	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2164-6)	2,943.11	41.80
32 33 43 53-0119	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2164-8)	3,305.03	41.80
32 33 43 53-0120	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2165-6)	3,291.11	41.80
32 33 43 53-0121	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2165-8)	3,653.03	41.80
32 33 43 53-0122	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2638-6-E)	7,406.50	104.55
32 33 43 53-0123	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2638-6-P)	8,186.02	104.55
32 33 43 53-0124	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2639-6-E)	7,406.50	104.55
32 33 43 53-0125	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2639-6-P)	8,186.02	104.55
32 33 43 53-0126	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0030-E)	1,824.58	104.55
32 33 43 53-0127	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0036-E)	2,005.54	104.55
32 33 43 53-0128	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0042-E)	2,186.50	104.55
32 33 43 53-0129	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0030-P)	1,949.86	104.55
32 33 43 53-0130	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0036-P)	2,130.82	104.55
32 33 43 53-0131	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0042-P)	2,311.78	104.55
32 33 43 53-0132	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3030-E)	1,782.82	104.55
32 33 43 53-0133	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3636-E)	1,908.10	104.55
32 33 43 53-0134	EA	Square Table With Center Support (Columbia Cascade Co. 2902-4242-E)	2,033.38	104.55

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32 33 43 53-0135	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3030-P)	1,908.10	104.55
32 33 43 53-0136	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3636-P)	2,033.38	104.55
32 33 43 53-0137	EA	Square Table With Center Support (Columbia Cascade Co. 2902-4242-P)	2,158.66	104.55
32 33 43 53-0138	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-E)	1,727.14	104.55
32 33 43 53-0139	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-E)	1,908.10	104.55
32 33 43 53-0140	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-E)	2,089.06	104.55
32 33 43 53-0141	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-P)	1,727.14	104.55
32 33 43 53-0142	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-P)	1,908.10	104.55
32 33 43 53-0143	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-P)	2,089.06	104.55
32 33 43 53-0144	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-L)	1,727.14	104.55
32 33 43 53-0145	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-L)	1,908.10	104.55
32 33 43 53-0146	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-L)	2,089.06	104.55
32 33 43 53-0147	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-E)	1,643.62	104.55
32 33 43 53-0148	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-E)	1,768.90	104.55
32 33 43 53-0149	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-E)	1,894.18	104.55
32 33 43 53-0150	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-P)	1,643.62	104.55
32 33 43 53-0151	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-P)	1,768.90	104.55
32 33 43 53-0152	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-P)	1,894.18	104.55
32 33 43 53-0153	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-L)	1,643.62	104.55
32 33 43 53-0154	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-L)	1,768.90	104.55
32 33 43 53-0155	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-L)	1,894.18	104.55
32 33 43 53-0156	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0030-E)	1,574.02	104.55
32 33 43 53-0157	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0036-E)	1,754.98	104.55
32 33 43 53-0158	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0042-E)	1,935.94	104.55
32 33 43 53-0159	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0030-P)	1,699.30	104.55
32 33 43 53-0160	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0036-P)	1,880.26	104.55
32 33 43 53-0161	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0042-P)	2,061.22	104.55
32 33 43 53-0162	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3030-E)	1,462.66	104.55
32 33 43 53-0163	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3636-E)	1,574.02	104.55
32 33 43 53-0164	EA	Square Table With Center Support (Columbia Cascade Co. 2912-4242-E)	1,699.30	104.55
32 33 43 53-0165	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3030-P)	1,574.02	104.55
32 33 43 53-0166	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3636-P)	1,699.30	104.55
32 33 43 53-0167	EA	Square Table With Center Support (Columbia Cascade Co. 2912-4242-P)	1,824.58	104.55
32 33 43 53-0168	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-E)	1,657.54	104.55
32 33 43 53-0169	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-E)	1,838.50	104.55
32 33 43 53-0170	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-E)	2,019.46	104.55
32 33 43 53-0171	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-P)	1,657.54	104.55
32 33 43 53-0172	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-P)	1,838.50	104.55
32 33 43 53-0173	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-P)	2,019.46	104.55
32 33 43 53-0174	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-L)	1,657.54	104.55
32 33 43 53-0175	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-L)	1,838.50	104.55
32 33 43 53-0176	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-L)	2,019.46	104.55
32 33 43 53-0177	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-E)	1,560.10	104.55
32 33 43 53-0178	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-E)	1,685.38	104.55
32 33 43 53-0179	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-E)	1,810.66	104.55
32 33 43 53-0180	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-P)	1,560.10	104.55
32 33 43 53-0181	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-P)	1,685.38	104.55
32 33 43 53-0182	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-P)	1,810.66	104.55
32 33 43 53-0183	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-L)	1,560.10	104.55
32 33 43 53-0184	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-L)	1,685.38	104.55
32 33 43 53-0185	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-L)	1,810.66	104.55
32 33 43 53-0186	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0030-E)	1,462.66	104.55
32 33 43 53-0187	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0036-E)	1,518.34	104.55
32 33 43 53-0188	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0042-E)	1,574.02	104.55
32 33 43 53-0189	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0030-P)	1,587.94	104.55
32 33 43 53-0190	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0036-P)	1,643.62	104.55
32 33 43 53-0191	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0042-P)	1,699.30	104.55
32 33 43 53-0192	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3030-E)	1,448.74	104.55
32 33 43 53-0193	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3636-E)	1,490.50	104.55
32 33 43 53-0194	EA	Square Table With Center Support (Columbia Cascade Co. 2922-4242-E)	1,532.26	104.55
32 33 43 53-0195	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3030-P)	1,574.02	104.55
32 33 43 53-0196	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3636-P)	1,615.78	104.55
32 33 43 53-0197	EA	Square Table With Center Support (Columbia Cascade Co. 2922-4242-P)	1,657.54	104.55
32 33 43 53-0198	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-E)	1,490.50	104.55
32 33 43 53-0199	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0036-E)	1,546.18	104.55
32 33 43 53-0200	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0042-E)	1,601.86	104.55
32 33 43 53-0201	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-P)	1,490.50	104.55
32 33 43 53-0202	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0036-P)	1,546.18	104.55
32 33 43 53-0203	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0042-P)	1,601.86	104.55
32 33 43 53-0204	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-L)	1,490.50	104.55
32 33 43 53-0205	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0036-L)	1,546.18	104.55
32 33 43 53-0206	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0042-L)	1,601.86	104.55
32 33 43 53-0207	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3030-E)	1,490.50	104.55
32 33 43 53-0208	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3636-E)	1,532.26	104.55
32 33 43 53-0209	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-4242-E)	1,574.02	104.55
32 33 43 53-0210	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3030-P)	1,490.50	104.55
32 33 43 53-0211	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3636-P)	1,532.26	104.55
32 33 43 53-0212	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-4242-P)	1,574.02	104.55
32 33 43 53-0213	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3030-L)	1,490.50	104.55
32 33 43 53-0214	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3636-L)	1,532.26	104.55
32 33 43 53-0215	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-4242-L)	1,574.02	104.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0216	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0030-E)	1,518.34	104.55
32 33 43 53-0217	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0036-E)	1,574.02	104.55
32 33 43 53-0218	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0042-E)	1,629.70	104.55
32 33 43 53-0219	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0030-P)	1,643.62	104.55
32 33 43 53-0220	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0036-P)	1,699.30	104.55
32 33 43 53-0221	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0042-P)	1,754.98	104.55
32 33 43 53-0222	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3030-E)	1,615.78	104.55
32 33 43 53-0223	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3636-E)	1,657.54	104.55
32 33 43 53-0224	EA	Square Table With Center Support (Columbia Cascade Co. 2932-4242-E)	1,699.30	104.55
32 33 43 53-0225	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3030-P)	1,741.06	104.55
32 33 43 53-0226	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3636-P)	1,782.82	104.55
32 33 43 53-0227	EA	Square Table With Center Support (Columbia Cascade Co. 2932-4242-P)	1,824.58	104.55
32 33 43 53-0228	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0030-E)	1,587.94	104.55
32 33 43 53-0229	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0036-E)	1,643.62	104.55
32 33 43 53-0230	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0042-E)	1,699.30	104.55
32 33 43 53-0231	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0030-P)	1,587.94	104.55
32 33 43 53-0232	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0036-P)	1,643.62	104.55
32 33 43 53-0233	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0042-P)	1,699.30	104.55
32 33 43 53-0234	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0030-L)	1,587.94	104.55
32 33 43 53-0235	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0036-L)	1,643.62	104.55
32 33 43 53-0236	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0042-L)	1,699.30	104.55
32 33 43 53-0237	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3030-E)	1,685.38	104.55
32 33 43 53-0238	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3636-E)	1,727.14	104.55
32 33 43 53-0239	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-4242-E)	1,768.90	104.55
32 33 43 53-0240	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3030-P)	1,685.38	104.55
32 33 43 53-0241	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3636-P)	1,727.14	104.55
32 33 43 53-0242	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-4242-P)	1,768.90	104.55
32 33 43 53-0243	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3030-L)	1,685.38	104.55
32 33 43 53-0244	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3636-L)	1,727.14	104.55
32 33 43 53-0245	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-4242-L)	1,768.90	104.55
32 33 43 53-0246	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3030-E)	1,281.70	104.55
32 33 43 53-0247	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3636-E)	1,323.46	104.55
32 33 43 53-0248	EA	Square Table With Center Support (Columbia Cascade Co. 2942-4242-E)	1,365.22	104.55
32 33 43 53-0249	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3030-P)	1,406.98	104.55
32 33 43 53-0250	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3636-P)	1,448.74	104.55
32 33 43 53-0251	EA	Square Table With Center Support (Columbia Cascade Co. 2942-4242-P)	1,490.50	104.55
32 33 43 53-0252	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0030-E)	1,518.34	104.55
32 33 43 53-0253	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0036-E)	1,574.02	104.55
32 33 43 53-0254	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0042-E)	1,629.70	104.55
32 33 43 53-0255	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0030-P)	1,365.22	104.55
32 33 43 53-0256	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0036-P)	1,420.90	104.55
32 33 43 53-0257	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0042-P)	1,476.58	104.55
32 33 43 53-0258	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3030-E)	1,253.86	104.55
32 33 43 53-0259	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3636-E)	1,295.62	104.55
32 33 43 53-0260	EA	Square Table With Center Support (Columbia Cascade Co. 2962-4242-E)	1,337.38	104.55
32 33 43 53-0261	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3030-P)	1,379.14	104.55
32 33 43 53-0262	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3636-P)	1,420.90	104.55
32 33 43 53-0263	EA	Square Table With Center Support (Columbia Cascade Co. 2962-4242-P)	1,462.66	104.55
32 33 43 53-0264		**Picnic Tables** *(32 33 43 53)*		
32 33 43 53-0265		**Wooden Picnic Tables** *(32 33 43 53-0264)*		
32 33 43 53-0266	EA	6' Permanent Rectangular Redwood Table	784.58	67.14
32 33 43 53-0267		**Portable Picnic Tables** *(32 33 43 53-0264)*		
32 33 43 53-0268	EA	6' Wood Table With Aluminum Frame	1,370.97	44.76
32 33 43 53-0269	EA	6' Aluminum Table And Frame	1,990.27	44.76
32 33 43 53-0270	EA	8' Aluminum Table And Frame	2,374.68	55.95
32 33 43 53-0271	EA	6' Steel Table And Frame	1,226.40	44.76
32 33 43 53-0272	EA	8' Steel Table And Frame	1,404.19	55.95
32 33 43 53-0273		**Concrete Picnic Tables** *(32 33 43 53-0264)*		
32 33 43 53-0274	EA	72" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quikcrete QLBT72PT)	2,424.17	179.02
32 33 43 53-0275	EA	96" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quick Crete QLBT96PT Or QLMR96PT) Note: Standard sealer	2,801.71	
32 33 43 53-0276	EA	102" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches And Handicap Access On Two Ends (Quick Crete QLMR102PTADA) Note: Standard sealer	2,810.70	
32 33 43 53-0277	EA	42" Diameter, Precast Concrete, Round Food Court Table Set With Four Benches (Quick Crete QR42FC) Note: Includes table top, four benches and mounting hardware.	2,970.77	
32 33 43 53-0278		**Plastic Picnic Tables** *(32 33 43 53-0264)* Note: Manufactured from recycled plastic.		
32 33 43 53-0279		**Pedestal Tables - 4' Square, 2 Seats** *(32 33 43 53-0278)*		
32 33 43 53-0280	EA	3" x 4" Slats, Pedestal Table, 4' Square, 2 Seats	1,476.66	67.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0281	EA	4" x 4" Slats, Pedestal Table, 4' Square, 2 Seats	1,619.25	67.14
32 33 43 53-0282		**Pedestal Tables - 4' Square, 4 Seats** *(32 33 43 53-0278)*		
32 33 43 53-0283	EA	3" x 4" Slats, Pedestal Table, 4' Square, 4 Seats	1,939.06	67.14
32 33 43 53-0284	EA	4" x 4" Slats, Pedestal Table, 4' Square, 4 Seats	2,130.54	67.14
32 33 43 53-0285		**Recycled Plastic Tables** *(32 33 43 53-0278)*		
32 33 43 53-0286	EA	6' Standard "Step-Over" Table, Recycled Plastic Lumber	2,543.36	67.14
32 33 43 53-0287	EA	6' " Walk-Through" Table, Recycled Plastic Lumber	2,116.33	67.14
32 33 43 53-0288	EA	7' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends	2,312.58	67.14
32 33 43 53-0289	EA	8' " Walk-Through" Table, Recycled Plastic Lumber, ADA Ends	2,161.86	67.14
32 33 43 53-0290	EA	8' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends	2,723.52	67.14
32 33 43 53-0291	EA	4' Youth Table, Recycled Plastic Lumber	1,078.82	53.71
32 33 53		**Site Grills** *(32 33)*		
32 33 53 00-0001		**Picnic Grills** *(32 33 53)*		
32 33 53 00-0002	EA	20" Wide x 14" Deep x 8-1/2" High Adjustable Grill Note: 11 gauge with galvanized steel post.	409.64	
32 33 53 00-0003	EA	20" Wide x 14" Deep x 8-1/2" High Adjustable Grill Note: 7 gauge with galvanized steel post.	438.42	
32 33 63		**Skate Board Deterrent** *(32 33)*		
32 33 63 00-0001		**Skate Stoppers** *(32 33 63)*		
32 33 63 00-0002	EA	Aluminum Architectural Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	61.45	
		For >59 To 99, Deduct	*-6.59*	
		For >99 To 249, Deduct	*-8.32*	
		For >249, Deduct	*-10.05*	
32 33 63 00-0003	EA	Aluminum Fixed Angle Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	65.09	
		For >59 To 99, Deduct	*-7.10*	
		For >99 To 249, Deduct	*-8.94*	
		For >249, Deduct	*-10.78*	
32 33 63 00-0004	EA	Aluminum Fixed Radius Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	45.98	
		For >59 To 99, Deduct	*-4.42*	
		For >99 To 249, Deduct	*-5.69*	
		For >249, Deduct	*-6.96*	
32 33 63 00-0005	EA	Aluminum Bench Clips, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	36.86	
		For >59 To 99, Deduct	*-3.15*	
		For >99 To 249, Deduct	*-4.14*	
		For >249, Deduct	*-5.13*	
32 33 63 00-0006	EA	Aluminum Curve Clips, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	40.27	
		For >59 To 99, Deduct	*-3.62*	
		For >99 To 249, Deduct	*-4.72*	
		For >249, Deduct	*-5.82*	
32 33 63 00-0007	EA	Aluminum Hand Rail, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	38.55	
		For >59 To 99, Deduct	*-3.38*	
		For >99 To 249, Deduct	*-4.43*	
		For >249, Deduct	*-5.47*	
32 33 63 00-0008	EA	Aluminum 2" x 3" x 0.25" Flat Cap, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	36.30	
		For >59 To 99, Deduct	*-3.07*	
		For >99 To 249, Deduct	*-4.04*	
		For >249, Deduct	*-5.02*	
32 33 63 00-0009	EA	Aluminum 6" Diameter x 0.25" Rumble Disc, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	50.22	
		For >59 To 99, Deduct	*-5.02*	
		For >99 To 249, Deduct	*-6.41*	
		For >249, Deduct	*-7.81*	
32 33 63 00-0010	EA	Aluminum 4" x 17" x 0.25" Flat Strap, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	91.99	
		For >59 To 99, Deduct	*-10.86*	
		For >99 To 249, Deduct	*-13.51*	
		For >249, Deduct	*-16.16*	
32 35		**Screening Devices** *(32 30)*		
32 35 13		**Screens and Louvers** *(32 35)*		
32 35 13 00-0001		**Roof Screen System** *(32 35 13)*		
32 35 13 00-0002	SF	Roof Screen System Note: Includes panels with bolted connection wall or roof mounted support frames, inside an outside corners, and gates as necessary.	90.45	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 35 13 00-0003	SF	Roof Screen System (Ruskin EV 700) Note: Includes panels with bolted connection wall or roof mounted support frames, inside an outside corners, and acessories as necessary.	88.97	

32 35 16 Sound Barriers *(32 35)*

32 35 16 00-0001 Acoustical K-Rail Mounted Sound Wall (Rental) *(32 35 16)*

32 35 16 00-0002	LF	Freight/Delivery And Installation Of Rented 16' High, Dual K-Rail Mounted STC-32 Sound Wall	49.32	
32 35 16 00-0003	EA	Freight/Delivery And Installation Of Rented 20' K-Rail For Dual K-Rail Mounted Sound Wall	272.51	
32 35 16 00-0004	LF	16' High, Dual K-Rail Mounted STC-32 Sound Wall, Material Rental Per Month Note: Includes rental material only per LF per Month.	29.84	
32 35 16 00-0005	EA	20' K-Rail For Dual K-Rail Mounted Sound Wall, Material Rental Per Each Note: Includes rental material only per each 20' section per Month.	116.03	
32 35 16 00-0006	LF	Freight/Return And Removal Of Rented 16' High, Dual K-Rail Mounted STC-32 Sound Wall	45.70	
32 35 16 00-0007	EA	Freight/Return And Removal Of Rented 20' K-Rail For Dual K-Rail Mounted Sound Wall	272.51	

32 35 16 00-0008 Acoustical K-Rail Mounted Sound Wall (Purchase) *(32 35 16)*

32 35 16 00-0009	LF	16' High, Dual K-Rail Mounted STC-32 Sound Wall (Purchase) Note: Includes freight/delivery, installation and material.	844.92	
32 35 16 00-0010	EA	20' K-Rail For Dual K-Rail Mounted Sound Wall (Purchase) Note: Includes freight/delivery, installation and material.	1,267.01	

32 39 Manufactured Site Specialties *(32 30)*

Note: Excludes coredrilling, augering, concrete footing and compaction See CSI section 02 41 19 13-0083 for concrete core drilling, 02 41 19 13-0221 for asphalt core drilling, 32 31 13 13-0002 for augering, 32 31 13 13-0019 for concrete footing, 32 31 13 13-0045 for compaction of earth.

32 39 13 Manufactured Metal Bollards *(32 39)*

32 39 13 00-0001 Metal Pipe Bollards *(32 39 13)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill for post and post holes.

32 39 13 00-0002 Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powered Coated *(32 39 13 00-0001)*

32 39 13 00-0003	LF	4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	95.13	12.19
		For Galvanized Steel, Add	*12.03*	
		For 304 Stainless Steel, Add	*95.51*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*121.52*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*86.68*	
		For Schedule 80, Add	*13.05*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*9.49*	
32 39 13 00-0004	LF	6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	135.98	12.19
		For Galvanized Steel, Add	*18.97*	
		For 304 Stainless Steel, Add	*150.66*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*121.52*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*86.68*	
		For Schedule 80, Add	*19.18*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*13.37*	
32 39 13 00-0005	LF	8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	196.01	15.24
		For Galvanized Steel, Add	*28.14*	
		For 304 Stainless Steel, Add	*223.47*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*159.92*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*129.12*	
		For Schedule 80, Add	*27.88*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*17.85*	
32 39 13 00-0006	LF	10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	263.05	18.29
		For Galvanized Steel, Add	*38.50*	
		For 304 Stainless Steel, Add	*305.75*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*184.28*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*141.30*	
		For Schedule 80, Add	*37.63*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*21.82*	
32 39 13 00-0007	LF	12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	329.83	24.38
		For Galvanized Steel, Add	*47.78*	
		For 304 Stainless Steel, Add	*379.43*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*254.08*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*194.41*	
		For Schedule 80, Add	*47.04*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*25.44*	

32 39 23 Manufactured Concrete Bollards *(32 39)*

32 39 23 00-0001 Concrete Bollards *(32 39 23)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any.

32 39 23 00-0002 Concrete Bollard, Exposed Aggregate *(32 39 23 00-0001)*

32 39 23 00-0003	EA	12" x 12" x 30" High Concrete Bollard, Light Media Blast Note: Surface mounted with anchor bolts embedded into grout pockets.	592.86	97.53
32 39 23 00-0004	EA	12" Diameter x 30" High Concrete Bollard, Light Media Blast Note: Surface mounted with anchor bolts embedded into grout pockets.	592.86	97.53

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 23 00-0005		Poured In Place Concrete Bollard With Powder Coated Steel Exterior *(32 39 23 00-0001)* Note: Includes high visibility powder coated steel exterior with welded anchoring tabs for embedding in concrete. Excludes excavation and concrete foundation.		
32 39 23 00-0006	EA	24" Exposed Height, 5-1/2" Diameter, Poured In Place Concrete Bollard With Powder Coated Steel Exterior	233.31	48.77
32 39 23 00-0007	EA	36" Exposed Height, 5-1/2" Diameter, Poured In Place Concrete Bollard With Powder Coated Steel Exterior	299.54	48.77
32 39 23 00-0008	EA	42" Exposed Height, 5-1/2" Diameter, Poured In Place Concrete Bollard With Powder Coated Steel Exterior	343.46	48.77
32 39 23 00-0009	EA	48" Exposed Height, 5-1/2" Diameter, Poured In Place Concrete Bollard With Powder Coated Steel Exterior	385.25	48.77

32 39 25 Manufactured Wood Bollards *(32 39)*

32 39 25 00-0001		Wood Bollards *(32 39 25)* Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 25 00-0002		Wood Bollard, Pressure Treated Timber *(32 39 25 00-0001)*		
32 39 25 00-0003	LF	4" x 4", Pressure Treated Wood Bollard	22.66	9.76
		For Each Sleeve For Removable, Lockable Bollard, Add	*86.02*	
32 39 25 00-0004	LF	6" x 6", Pressure Treated Wood Bollard	26.00	9.76
		For Each Sleeve For Removable, Lockable Bollard, Add	*86.02*	
32 39 25 00-0005	LF	8" x 8", Pressure Treated Wood Bollard	33.50	10.98
		For Each Sleeve For Removable, Lockable Bollard, Add	*129.08*	
32 39 25 00-0006	LF	10" x 10", Pressure Treated Wood Bollard	47.28	14.63
		For Each Sleeve For Removable, Lockable Bollard, Add	*143.72*	
32 39 25 00-0007	LF	12" x 12", Pressure Treated Wood Bollard	64.95	19.50
		For Each Sleeve For Removable, Lockable Bollard, Add	*199.11*	

32 39 27 Manufactured Plastic Bollards *(32 39)*

32 39 27 00-0001		Plastic Bollards *(32 39 27)* See CSI section 32 31 13 13-0001 for augering and filling holes for bollards.		
32 39 27 00-0002		Recycled Plastic Bollards *(32 39 27 00-0001)*		
32 39 27 00-0003	EA	6" x 6" x 33" Surface Mounted Recycled Plastic Bollard Note: Includes anchor bolts.	333.54	48.77
32 39 27 00-0004	EA	6" Diameter x 6' Steel Reinforced Recycled Plastic Bollard	543.65	48.77
32 39 27 00-0005		Plastic Bollard Covers *(32 39 27 00-0001)*		
32 39 27 00-0006	EA	4" x 60", 1/8" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	85.48	11.53
		For Reflective Tape, Add	*9.91*	
32 39 27 00-0007	EA	6" x 60", 1/8" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	92.41	12.69
		For Reflective Tape, Add	*9.91*	
32 39 27 00-0008	EA	3" x 60", 1/4" Thick LDPE Bollard Cover, Fits 3" To 3 1/2" Pipe	116.69	11.53
		For Reflective Tape, Add	*9.91*	
32 39 27 00-0009	EA	3-1/2" x 52", 1/4" Thick LDPE Bollard Cover, Fits 3 -1/2" To 4" Pipe	116.69	11.53
		For Reflective Tape, Add	*9.91*	
32 39 27 00-0010	EA	3-1/2" x 68", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe	131.25	11.53
		For Reflective Tape, Add	*9.91*	
32 39 27 00-0011	EA	4" x 52", 1/4" Thick LDPE Bollard Cover, Fits 4' To 4-1/2" Pipe	116.69	11.53
		For Reflective Tape, Add	*9.91*	
32 39 27 00-0012	EA	4" x 60", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	118.77	11.53
		For Reflective Tape, Add	*9.91*	
32 39 27 00-0013	EA	5" x 52", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	116.69	11.53
		For Reflective Tape, Add	*9.91*	
32 39 27 00-0014	EA	5" x 60", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	118.77	11.53
		For Reflective Tape, Add	*9.91*	
32 39 27 00-0015	EA	5" x 72", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	166.62	11.53
		For Reflective Tape, Add	*9.91*	
32 39 27 00-0016	EA	6" x 52", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	118.99	12.69
		For Reflective Tape, Add	*9.91*	
32 39 27 00-0017	EA	6" x 65", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	152.27	12.69
		For Reflective Tape, Add	*9.91*	
32 39 27 00-0018	EA	6" x 84", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	173.55	12.69
		For Reflective Tape, Add	*9.91*	
32 39 27 00-0019	EA	7" x 56", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	146.26	13.85
		For Reflective Tape, Add	*9.91*	
32 39 27 00-0020	EA	8" x 52", 1/4" Thick LDPE Bollard Cover, Fits 7" To 7-5/16" Pipe	158.75	13.85
		For Reflective Tape, Add	*9.91*	
32 39 27 00-0021	EA	8" x 69", 1/4" Thick LDPE Bollard Cover, Fits 8" To 8-5/8" Pipe	158.75	13.85
		For Reflective Tape, Add	*9.91*	
32 39 27 00-0022	EA	10" x 69", 1/4" Thick LDPE Bollard Cover, Fits 10" To 11" Pipe	214.94	13.85
		For Reflective Tape, Add	*9.91*	

32 39 29 Manufactured Stone Bollards *(32 39)*

32 39 29 00-0001 Stone Bollards *(32 39 29)*

32 39 29 00-0002 Granite Bollards *(32 39 29 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 29 00-0003	EA	16" x 16" x 30" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	1,247.01	121.91
32 39 29 00-0004	EA	16" x 16" x 54" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	1,581.65	170.67
32 39 29 00-0005	EA	12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top Note: Surface mounted with anchors embedded into grout pockets.	780.07	121.91
32 39 29 00-0006	EA	12" Diameter x 18" Granite Bollard, Smooth Matt Finish Note: Flat Top, surface mounted with anchors embedded into grout pockets.	1,143.52	97.53
32 39 29 00-0007	EA	24" x 24" x 20" Granite Bollard, Octagonal Cross Section Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets.	1,699.83	97.53

32 80 Irrigation *(32)*

32 84 Planting Irrigation *(32 80)*

32 84 13 Drip Irrigation *(32 84)*

32 84 13 00-0001 Drip Emitter Irrigation Devices *(32 84 13)*

32 84 13 00-0002 Drip Emitter Irrigation Valves *(32 84 13 00-0001)*

32 84 13 00-0003	EA	1/2" Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems (Rain Bird® ARV050)	45.62	10.85
32 84 13 00-0004	EA	1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV100)	72.41	10.85
32 84 13 00-0005	EA	3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075)	70.54	10.85
32 84 13 00-0006	EA	3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075TBOS)	95.71	10.85

32 84 13 00-0007 Drip Emitter Irrigation Filters *(32 84 13 00-0001)*

32 84 13 00-0008	EA	3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-075)	148.90	10.85
32 84 13 00-0009	EA	1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-100)	150.28	10.85
32 84 13 00-0010	EA	3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY075MPTX)	57.32	10.85
32 84 13 00-0011	EA	1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY100MPTX)	58.43	10.85
32 84 13 00-0012	EA	1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® PRB-QCHK-100)	161.79	10.85
32 84 13 00-0013	EA	3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF075RBY)	73.98	10.85
32 84 13 00-0014	EA	1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF100RBY)	82.66	10.85

32 84 13 00-0015 Drip Emitter Irrigation Pressure Regulators *(32 84 13 00-0001)*

32 84 13 00-0016	EA	3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-L30X-075)	56.20	10.85
32 84 13 00-0017	EA	3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M30X-075)	56.20	10.85
32 84 13 00-0018	EA	3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-075)	56.20	10.85
32 84 13 00-0019	EA	1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-100)	65.32	10.85

32 84 13 00-0020 Drip Emitter Irrigation Tubing *(32 84 13 00-0001)*

Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.

32 84 13 00-0021	LF	1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters (Rain Bird® LDQ0806100)	4.09	1.52
32 84 13 00-0022	LF	1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters (Rain Bird® XFD0612100)	3.81	1.73
32 84 13 00-0023	LF	1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XQ100)	3.20	1.52
		For Shallow Trenching And Backfill By Hand, Add	*6.22*	
32 84 13 00-0024	LF	1/2", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XT700100)	3.80	1.73
		For Shallow Trenching And Backfill By Hand, Add	*6.74*	

32 84 13 00-0025 Drip Emitter Irrigation Fittings *(32 84 13 00-0001)*

32 84 13 00-0026	EA	1/4", Barbed Coupling For Irrigation Tubing (Rain Bird® XBF1CONN)	2.88	
32 84 13 00-0027	EA	1/4", Barbed Elbow For Irrigation Tubing (Rain Bird® XBF2EL)	2.91	
32 84 13 00-0028	EA	1/4", Barbed Tee For Irrigation Tubing (Rain Bird® XBF3TEE)	2.96	
32 84 13 00-0029	EA	1/4", Self Piercing Barbed Coupling For Irrigation Tubing (Rain Bird® SPB025)	3.12	
32 84 13 00-0030	EA	1/4", Plug For Irrigation Tubing (Rain Bird® EMAGPX)	2.85	
32 84 13 00-0031	EA	17mm, Barbed Coupling For Irrigation Tubing (Rain Bird® XFFCOUP)	3.04	
		For Compression Fitting, Add	*0.33*	
32 84 13 00-0032	EA	17mm, Barbed Elbow For Irrigation Tubing (Rain Bird® XFF-ELBOW)	3.14	
		For Compression Fitting, Add	*0.43*	
32 84 13 00-0033	EA	17mm, Barbed Tee For Irrigation Tubing (Rain Bird® XFF-TEE)	3.18	
		For Compression Fitting, Add	*0.47*	
32 84 13 00-0034	EA	17mm, Barbed Male Adapter For Irrigation Tubing (Rain Bird® XFFMA050)	3.21	
		For Compression Fitting, Add	*0.50*	
32 84 13 00-0035	EA	17mm, Barbed Cross For Irrigation Tubing (Rain Bird® XFDCROSS)	3.41	
		For Compression Fitting, Add	*0.70*	
32 84 13 00-0036	EA	1/2", Plug For Irrigation Tubing (Rain Bird® MDCFCAP)	3.63	
32 84 13 00-0037	EA	12 Gauge, Galvanized Stake For Irrigation Tubing (Rain Bird® TDS050BEND)	1.80	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 13 00-0038		**Drip Emitters** *(32 84 13 00-0001)*		
32 84 13 00-0039	EA	0.5 To 2 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB20PC)	5.93	
32 84 13 00-0040	EA	5 To 24 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® PC24)	6.81	
32 84 13 00-0041	EA	0.5 To 2 GPH, Six Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB056)	14.39	
32 84 13 00-0042		**Drip Emitter Irrigation Micro-Bubblers, Sprays And Misters** *(32 84 13 00-0001)*		
32 84 13 00-0043	EA	Adjustable Stream Bubbler With Spike For Drip Emitter Irrigation Systems (Rain Bird® SXB360SPYK)	23.06	9.76
32 84 13 00-0044	EA	Adjustable Micro Spray With Spike For Drip Emitter Irrigation Systems (Rain Bird® XS360TSPYK)	23.11	9.76
32 84 13 00-0045	EA	12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP12 With SQFUL)	25.55	9.76
32 84 13 00-0046	EA	24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP24 With SQFUL)	25.81	9.76
32 84 13 00-0047	EA	4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-400X With SQFUL) Note: Includes nozzle.	37.53	12.79
32 84 13 00-0048	EA	6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-600X With SQFUL) Note: Includes nozzle.	40.69	12.79
32 84 13 00-0049	EA	12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP1200X With SQFUL) Note: Includes nozzle.	41.66	12.79
32 84 13 00-0050		**Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS)** *(32 84 13 00-0001)* Note: Brown or purple tubing. Includes layout, trenching 4" to 6", installing tubing and backfilling trench.		
32 84 13 00-0051	LF	0.536" ID, 0.634" OD, Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS Copper Shield)	4.39	1.89
32 84 23		**Underground Sprinklers** *(32 84)*		
32 84 23 00-0001		**Sprinkler Heads** *(32 84 23)*		
32 84 23 00-0002		**Spray Sprinkler Heads** *(32 84 23 00-0001)* Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage.		
32 84 23 00-0003	EA	2" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1802P)	33.05	11.98
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0004	EA	4" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1804P)	31.26	11.98
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0005	EA	6" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1806P)	37.89	11.98
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0006	EA	12" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1812P)	43.44	11.98
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0007	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1804-SAM)	33.76	11.98
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0008	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1806-SAM)	43.09	11.98
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0009	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1812-SAM)	47.58	11.98
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0010	EA	4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1804-PRS)	36.41	11.98
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0011	EA	6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1806-PRS)	44.92	11.98
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0012	EA	12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1812-PRS)	49.12	11.98
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0013	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1804-SAM-PRS)	37.48	11.98
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0014	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1806-SAM-PRS)	50.53	11.98
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0015	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1812-SAM-PRS)	54.67	11.98
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0016	EA	Bubbler Head With Screen, 1/2" NPT (Rain Bird® 1300)	27.78	11.98
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0017	EA	Pressure Compensating Bubbler With Screen, 1/2" NPT (Rain Bird® 1400)	31.92	11.98
32 84 23 00-0018		**Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0001)* Note: Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0019		**1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0018)* Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0020	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 3504PC)	46.16	11.98
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0021	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 3504-PC-SAM)	47.64	11.98
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0022		**3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0018)* Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		

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32 84 23 00-0023	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5004-PLPC)	42.62	11.98
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0024	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5006-PLPC)	58.57	11.98
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0025	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5004-PLPCS)	45.57	11.98
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0026	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5006-PLPCS)	60.93	11.98
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0027	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator (Rain Bird® 5004+PCR)	46.75	11.98
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0028	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5004+FCSR)	49.12	11.98
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0029	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5006+PCSR)	64.48	11.98
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0030	EA	12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5012+PCSR)	73.93	11.98
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0031	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5000S-PLPCS)	48.82	11.98
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0032	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5000S+PCSR)	58.27	11.98
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0033		**1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0018)*		
		Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0034	EA	4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® F4PC)	80.72	11.98
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
		For Stainless Steel Riser And High Speed Rotor, Add	*43.48*	
32 84 23 00-0035		**1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0018)*		
		Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0036	EA	5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 8005)	114.99	11.98
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0037		**Impact-Drive Sprinkler Heads** *(32 84 23 00-0001)*		
		Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0038	EA	1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head (Rain Bird® 2045A-08)	64.18	11.98
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0039	EA	1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head (Rain Bird® 2045-PJ08)	50.00	11.98
32 84 23 00-0040	EA	3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head (Rain Bird® 35A-ADJ-TNTB)	97.24	11.98
32 84 23 00-0041		**Electric Remote Control Irrigation Valves** *(32 84 23)*		
32 84 23 00-0042		**0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® DV Series)** *(32 84 23 00-0041)*		
		Note: 15 to 150 PSI.		
32 84 23 00-0043	EA	3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 75DV)	139.34	49.94
32 84 23 00-0044	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DV)	139.34	49.94
32 84 23 00-0045	EA	1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DVSS)	153.61	56.93
32 84 23 00-0046	EA	1", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Angle Valve (Rain Bird® 100DVA)	140.52	49.94
32 84 23 00-0047		**0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control (Rain Bird® DVF Series)** *(32 84 23 00-0041)*		
		Note: 15 to 150 PSI.		
32 84 23 00-0048	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVF)	140.52	49.94
32 84 23 00-0049	EA	1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFSS)	155.38	56.93
32 84 23 00-0050	EA	1", 0.2 To 40 GPM, Male x Barb, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFMB)	156.56	56.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0051		**0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® PEB Series)** *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI.		
32 84 23 00-0052	EA	1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100PEB)	235.05	49.94
32 84 23 00-0053	EA	1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 150PEB)	276.41	49.94
32 84 23 00-0054	EA	2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 200PEB)	329.58	49.94
32 84 23 00-0055		**5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® PEB PRS-D Series)** *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0056	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100PEB PRS-D)	337.54	56.13
32 84 23 00-0057	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150PEB PRS-D)	378.90	56.13
32 84 23 00-0058	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200PEB PRS-D)	432.07	56.13
32 84 23 00-0059		**20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve (Rain Bird® PESB PRS-D Series)** *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0060	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 100PESB PRS-D)	396.62	56.13
32 84 23 00-0061	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 150PESB PRS-D)	437.98	56.13
32 84 23 00-0062	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 200PESB PRS-D)	491.15	56.13
32 84 23 00-0063		**0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves (Hunter IBV Series)** *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure.		
32 84 23 00-0064	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B)	352.68	49.94
32 84 23 00-0065	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B)	542.81	49.94
32 84 23 00-0066	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B)	560.00	49.94
32 84 23 00-0067	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B)	1,320.70	67.42
32 84 23 00-0068		**5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Rain Bird® EFB-CP Series)** *(32 84 23 00-0041)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0069	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 100EFB-CP)	324.72	56.13
32 84 23 00-0070	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 125EFB-CP)	381.26	56.13
32 84 23 00-0071	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 150EFB-CP)	442.65	56.13
32 84 23 00-0072	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 200EFB-CP)	523.47	56.13
32 84 23 00-0073		**0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Hunter IBV FS Series)** *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0074	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B-FS)	431.00	56.13
32 84 23 00-0075	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B-FS)	656.58	56.13
32 84 23 00-0076	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B-FS)	675.91	56.13
32 84 23 00-0077	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B-FS)	1,412.82	56.13
32 84 23 00-0078		**0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV ACCU-SYNC Series)** *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0079	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-101G-B ACCU-SYNC-ADJ)	438.61	49.94
32 84 23 00-0080	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-151G-B ACCU-SYNC-ADJ)	628.74	49.94
32 84 23 00-0081	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-201G-B ACCU-SYNC-ADJ)	645.93	49.94
32 84 23 00-0082	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-301G-B ACCU-SYNC-ADJ)	1,406.63	67.42

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0083		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® EFB-CP PRS-D Series) *(32 84 23 00-0041)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0084	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100EFB-CP PRS-D)	413.34	56.13
32 84 23 00-0085	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 125EFB-CP PRS-D)	469.88	56.13
32 84 23 00-0086	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150EFB-CP PRS-D)	531.27	56.13
32 84 23 00-0087	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200EFB-CP PRS-D)	612.09	56.13
32 84 23 00-0088		0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV FS ACCU-SYNC Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0089	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-101G-B-FS ACCU-SYNC-ADJ)	516.93	56.13
32 84 23 00-0090	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-151G-B-FS ACCU-SYNC-ADJ)	742.51	56.13
32 84 23 00-0091	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-201G-B-FS ACCU-SYNC-ADJ)	761.85	56.13
32 84 23 00-0092	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-301G-B-FS ACCU-SYNC-ADJ)	1,498.75	56.13
32 84 23 00-0093		Other Electric Remote Control Valves/Accessories *(32 84 23 00-0041)*		
32 84 23 00-0094	EA	Pressure Regulator Module For Electric Remote Control Valves (Rain Bird® PRS-DIAL)	128.57	
32 84 23 00-0095		Remote Control Valve Assemblies *(32 84 23 00-0041)*		
		Note: Includes excavation and disposal of soil, installation of 6" minimum depth gravel or crushed rock, woven wire cloth, valve, fittings, valve box (Carson 1419-12), as detailed in the Caltrans Standard Plans 2010 page 224.		
32 84 23 00-0096	EA	1" Glass-Filled Nylon Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® PEB) And Box (Carson 1419-12)	510.74	124.85
32 84 23 00-0097	EA	1-1/2" Glass-Filled Nylon Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® PEB) And Box (Carson 1419-12)	552.09	124.85
32 84 23 00-0098	EA	2" Glass-Filled Nylon Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® PEB) And Box (Carson 1419-12)	605.27	124.85
32 84 23 00-0099	EA	1" Glass-Filled Nylon Remote Control Scrubber Valve With Flow Control And Captured Solenoid (Rain Bird® PESB-R) And Box (Carson 1419-12)	569.82	124.85
		Note: Purple components for use with recycled water		
32 84 23 00-0100	EA	1-1/2" Glass-Filled Nylon Remote Control Scrubber Valve With Flow Control And Captured Solenoid (Rain Bird® PESB-R) And Box (Carson 1419-12)	611.17	124.85
		Note: Purple components for use with recycled water		
32 84 23 00-0101	EA	2" Glass-Filled Nylon Remote Control Scrubber Valve With Flow Control And Captured Solenoid (Rain Bird® PESB-R) And Box (Carson 1419-12)	664.35	124.85
		Note: Purple components for use with recycled water		
32 84 23 00-0102	EA	1" Brass Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® EFB-CP-R) And Box (Carson 1419-12)	586.54	124.85
		Note: Purple components for use with recycled water		
32 84 23 00-0103	EA	1-1/2" Brass Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® EFB-CP-R) And Box (Carson 1419-12)	704.46	124.85
		Note: Purple components for use with recycled water		
32 84 23 00-0104	EA	2" Brass Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® EFB-CP-R) And Box (Carson 1419-12)	785.29	124.85
		Note: Purple components for use with recycled water		
32 84 23 00-0105		Irrigation Valve Boxes *(32 84 23)*		
		Note: Includes lid.		
32 84 23 00-0106	EA	6" Round Irrigation Valve Box With Lid (Rain Bird® PVB-6RND)	84.52	35.96
32 84 23 00-0107	EA	7" Round Irrigation Valve Box With Lid (Rain Bird® VB-7RND)	98.48	35.96
32 84 23 00-0108	EA	10" Round Irrigation Valve Box With Lid (Rain Bird® VB-10RND)	129.18	47.34
32 84 23 00-0109	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-STD)	224.97	69.12
32 84 23 00-0110	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-STDH)	229.91	69.12
32 84 23 00-0111	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-JMB)	265.35	69.12
32 84 23 00-0112	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-JMBH)	269.57	69.12
32 84 23 00-0113	EA	33.1" x 23.8" x 15" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-SPRH)	472.08	69.12
32 84 23 00-0114	EA	40.3" x 27.1" x 18" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-MAXH)	734.37	69.12
32 84 23 00-0115	EA	Number 5 CALTRANS Concrete Valve Box With Non-Traffic Rated Concrete Lid	449.72	134.16
		For 12" Extension, Add	*96.80*	
32 84 23 00-0116	EA	Number 5 CALTRANS Concrete Valve Box With Non-Traffic Rated Steel Lid	707.39	134.16
		For 12" Extension, Add	*96.80*	
32 84 23 00-0117	EA	12" x 17" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Carson 1419-12)	183.98	59.93
32 84 23 00-0118	EA	15" x 21" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Carson 1220-12)	267.58	69.12
32 84 23 00-0119	EA	10" Round Irrigation Valve Box With Lid (Carson 910-10)	141.24	47.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0120		**Irrigation Controllers** *(32 84 23)* See CSI section 27 15 13 00-0256 for low voltage wiring.		
32 84 23 00-0121		**Irrigation Controllers** *(32 84 23 00-0120)*		
32 84 23 00-0122		**Irrigation Controllers (Rain Bird®)** *(32 84 23 00-0121)*		
32 84 23 00-0123		**Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP Series)** *(32 84 23 00-0122)*		
32 84 23 00-0124		**Four Program, Modular Irrigation Controllers (Rain Bird® ESP-ME Series)** *(32 84 23 00-0123)*		
32 84 23 00-0125		**Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-MEI Series)** *(32 84 23 00-0124)*		
32 84 23 00-0126	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	380.56	35.81
32 84 23 00-0127	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	531.63	35.81
32 84 23 00-0128	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	682.70	35.81
32 84 23 00-0129	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	833.76	35.81
32 84 23 00-0130	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	949.03	35.81
32 84 23 00-0131	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,104.58	35.81
32 84 23 00-0132	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,260.12	35.81
32 84 23 00-0133		**Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-ME Series)** *(32 84 23 00-0124)*		
32 84 23 00-0134	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	445.20	35.81
32 84 23 00-0135	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	596.27	35.81
32 84 23 00-0136	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	747.34	35.81
32 84 23 00-0137	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	898.40	35.81
32 84 23 00-0138	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,013.67	35.81
32 84 23 00-0139	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,169.22	35.81
32 84 23 00-0140	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,324.76	35.81
32 84 23 00-0141		**Four Program, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series)** *(32 84 23 00-0123)*		
32 84 23 00-0142		**Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTEI Series)** *(32 84 23 00-0141)*		
32 84 23 00-0143	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	605.10	35.81
32 84 23 00-0144	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	756.16	35.81
32 84 23 00-0145	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	907.24	35.81
32 84 23 00-0146	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,058.30	35.81
32 84 23 00-0147	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,173.56	35.81
32 84 23 00-0148	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,329.12	35.81
32 84 23 00-0149	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,484.66	35.81
32 84 23 00-0150		**Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series)** *(32 84 23 00-0141)*		
32 84 23 00-0151	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	653.53	35.81
32 84 23 00-0152	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	804.60	35.81
32 84 23 00-0153	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	955.67	35.81
32 84 23 00-0154	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,106.73	35.81
32 84 23 00-0155	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,222.00	35.81
32 84 23 00-0156	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,377.55	35.81
32 84 23 00-0157	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,533.09	35.81
32 84 23 00-0158		**Accessories For ESP-ME/MEI Irrigation Controllers** *(32 84 23 00-0123)*		
32 84 23 00-0159	EA	3-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM3) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	155.55	
32 84 23 00-0160	EA	6-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM6) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	297.60	
32 84 23 00-0161	EA	Smart Controller Upgrade Kit For ESP Series Irrigation Controllers (Rain Bird® ESPSMTEUPG)	418.72	
32 84 23 00-0162		**Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Series)** *(32 84 23 00-0122)*		
32 84 23 00-0163		**Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Basic Series)** *(32 84 23 00-0162)*		
32 84 23 00-0164	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	901.07	35.81
32 84 23 00-0165	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,091.35	35.81
32 84 23 00-0166	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,284.78	35.81
32 84 23 00-0167	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,475.05	35.81
32 84 23 00-0168	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,668.46	35.81
32 84 23 00-0169	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,858.74	35.81

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0170	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,052.16	35.81
32 84 23 00-0171	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,242.44	35.81
32 84 23 00-0172	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,435.86	35.81
32 84 23 00-0173	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,626.14	35.81
32 84 23 00-0174		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LXME Series) *(32 84 23 00-0162)*		
32 84 23 00-0175	EA	8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	898.89	35.81
32 84 23 00-0176	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,089.16	35.81
32 84 23 00-0177	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,282.58	35.81
32 84 23 00-0178	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,472.87	35.81
32 84 23 00-0179	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,666.28	35.81
32 84 23 00-0180	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,856.56	35.81
32 84 23 00-0181	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,049.97	35.81
32 84 23 00-0182	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,240.25	35.81
32 84 23 00-0183	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,433.67	35.81
32 84 23 00-0184	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,623.95	35.81
32 84 23 00-0185	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,817.36	35.81
32 84 23 00-0186		Accessories For ESP-LX/LXME Irrigation Controllers *(32 84 23 00-0162)*		
32 84 23 00-0187	EA	Powder Coated Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMM)	661.63	
32 84 23 00-0188	EA	Powder Coated Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMPED + LXMM) Note: Excludes concrete foundation.	1,534.86	
32 84 23 00-0189	EA	Stainless Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSS)	1,453.18	
32 84 23 00-0190	EA	Stainless Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSSPED + LXMMSS) Note: Excludes concrete foundation.	3,227.69	
32 84 23 00-0191	EA	4-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM4) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	190.28	
32 84 23 00-0192	EA	8-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM8) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	383.70	
32 84 23 00-0193	EA	12-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM12) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	595.53	
32 84 23 00-0194	EA	Flow Smart Water Management Module For ESP-LXME Irrigation Controllers (Rain Bird® FSM-LXME)	220.52	
32 84 23 00-0195		Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0122)*		
32 84 23 00-0196		Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0195)*		
32 84 23 00-0197	EA	1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	436.57	35.81
32 84 23 00-0198	EA	2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	527.23	35.81
32 84 23 00-0199	EA	4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	655.27	35.81
32 84 23 00-0200		Accessories For TBOS-II Series Irrigation Controllers *(32 84 23 00-0195)*		
32 84 23 00-0201	EA	Field Transmitter For TBOS-II Series Irrigation Controllers (Rain Bird® TBOS2FTUS)	548.60	
32 84 23 00-0202	EA	Potted Latching Solenoid For TBOS-II Series Irrigation Controllers (Rain Bird® TBOSPSOL)	110.59	26.85
32 84 23 00-0203		Accessories For Irrigation Controllers (Rain Bird®) *(32 84 23 00-0122)*		
32 84 23 00-0204	EA	Wired Rain Sensor For Irrigation Controllers (Rain Bird® RSDBEX)	159.14	26.85
32 84 23 00-0205	EA	Wireless Rain Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RC)	324.79	26.85
32 84 23 00-0206	EA	Wireless Rain/Freeze Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RFC)	343.60	26.85
32 84 23 00-0207	EA	Soil Moisture Sensor And Controller Interface For Irrigation Controllers (Rain Bird® SMRT-Y)	506.62	26.85
32 84 23 00-0208		Two-Wire Decoder Systems *(32 84 23 00-0120)*		
32 84 23 00-0209		Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0208)*		
32 84 23 00-0210		Controllers For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series) *(32 84 23 00-0209)* Note: Includes water resistant cabinet.		
32 84 23 00-0211	EA	50-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	2,592.68	35.81
32 84 23 00-0212	EA	125-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	3,705.15	35.81
32 84 23 00-0213	EA	200-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	4,817.62	35.81
32 84 23 00-0214		Field Decoders For Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0209)*		
32 84 23 00-0215	EA	One Individual Valve Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD101TURF)	318.62	35.81
32 84 23 00-0216	EA	One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD102TURF)	405.48	35.81
32 84 23 00-0217	EA	Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD202TURF)	606.47	35.81
32 84 23 00-0218	EA	Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD401TURF)	739.36	35.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0219	EA	Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD601TURF)	1,223.11	35.81
32 84 23 00-0220		**Accessories For Two-Wire Decoder Systems (Rain Bird®)** *(32 84 23 00-0209)*		
32 84 23 00-0221	EA	50-Station Replacement Base Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® MOD50-LXD)	1,927.67	
32 84 23 00-0222	EA	75-Station Expansion Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® SPLXDSM75)	1,112.48	
32 84 23 00-0223	EA	Line Surge Protection For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® LSP1TURF)	240.89	31.33
32 84 23 00-0224	EA	Sensor Decoder Interface For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® SD210TURF)	1,084.83	35.81
32 84 23 00-0225		**Calsense Controllers** *(32 84 23 00-0120)*		
32 84 23 00-0226		**Irrigation Controllers** *(32 84 23 00-0225)*		
32 84 23 00-0227	EA	6 Station ET-Driven Irrigation Controller (Calsense ET2000E-6)	2,685.80	89.51
32 84 23 00-0228	EA	8 Station ET-Driven Irrigation Controller (Calsense ET2000E-8)	3,466.05	100.69
32 84 23 00-0229	EA	12 Station ET-Driven Irrigation Controller (Calsense ET2000E-12)	4,759.31	111.88
32 84 23 00-0230	EA	16 Station ET-Driven Irrigation Controller (Calsense ET2000E-16)	5,237.34	111.88
32 84 23 00-0231	EA	24 Station ET-Driven Irrigation Controller (Calsense ET2000E-24)	6,192.47	123.07
32 84 23 00-0232	EA	32 Station ET-Driven Irrigation Controller (Calsense ET2000E-32)	7,475.01	123.07
32 84 23 00-0233	EA	40 Station ET-Driven Irrigation Controller (Calsense ET2000E-40)	8,465.12	134.26
32 84 23 00-0234	EA	48 Station ET-Driven Irrigation Controller (Calsense ET2000E-48)	9,479.50	134.26
32 84 23 00-0235	EA	Upgrade Existing Calsense Controller To ET2000E (Calsense ET2000E-UPGRADE)	2,739.39	44.76
32 84 23 00-0236	EA	Upgrade Existing Calsense Controller With 8 Additional Stations (Calsense STATION UPGRADE)	1,149.46	44.76
32 84 23 00-0237		**Irrigation Controller Accessories** *(32 84 23 00-0225)*		
32 84 23 00-0238	EA	Set Of 10 Keys For Calsense Controllers Or Enclosures (Calsense KEY-1)	111.93	
32 84 23 00-0239	EA	Spare Lock For Enclosures (Calsense PAD)	121.26	
32 84 23 00-0240	EA	Hardware And Software For Up To 4 Additional Light Circuits (Calsense L)	143.64	11.19
32 84 23 00-0241	EA	Transformer For Irrigation Controllers (Calsense TR-1)	206.10	44.76
32 84 23 00-0242	EA	AC Line Protection For Irrigation Controllers (Calsense TP-110)	567.55	44.76
32 84 23 00-0243	EA	Transient Protection Board For Irrigation Controller Stations (Calsense TP-1)	754.10	44.76
		For Outdoor Gray Powder Coated Stainless Steel Enclosure, Add	*358.70*	
32 84 23 00-0244		**Sensors For Irrigation Controllers** *(32 84 23 00-0225)*		
32 84 23 00-0245		**Flow Sensors** *(32 84 23 00-0244)*		
32 84 23 00-0246	EA	1-1/2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 1.5)	1,323.52	67.14
		For Flow Meter Replacement Insert Only, Deduct	*-939.01*	
32 84 23 00-0247	EA	2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 2)	1,370.16	67.14
		For Flow Meter Replacement Insert Only, Deduct	*-985.65*	
32 84 23 00-0248	EA	3" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 3)	1,416.80	67.14
		For Flow Meter Replacement Insert Only, Deduct	*-1,032.29*	
32 84 23 00-0249	EA	1" Brass Tee Mounted Flow Meter (Calsense FM 1B)	1,566.49	89.51
		For Flow Meter Replacement Insert Only, Deduct	*-1,181.67*	
32 84 23 00-0250	EA	1-1/4" Brass Tee Mounted Flow Meter (Calsense FM 1.25B)	1,683.09	89.51
		For Flow Meter Replacement Insert Only, Deduct	*-1,298.27*	
32 84 23 00-0251	EA	1-1/2" Brass Tee Mounted Flow Meter (Calsense FM 1.5B)	1,729.73	89.51
		For Flow Meter Replacement Insert Only, Deduct	*-1,344.91*	
32 84 23 00-0252	EA	2" Brass Tee Mounted Flow Meter (Calsense FM 2B)	2,032.87	89.51
		For Flow Meter Replacement Insert Only, Deduct	*-1,519.86*	
32 84 23 00-0253	EA	2" Pipe Saddle Mounted Insertion Flow Meter (Calsense FMBX) Note: For 4" and larger pipe. Excludes pipe saddle.	1,581.92	44.76
		For Flow Meter Replacement Insert Only, Deduct	*-1,068.91*	
32 84 23 00-0254		**Moisture Sensors** *(32 84 23 00-0244)*		
32 84 23 00-0255	EA	Soil Moisture Sensor (Calsense 1000-S)	556.84	33.57
32 84 23 00-0256		**Weather Sensors** *(32 84 23 00-0244)*		
32 84 23 00-0257	EA	Wind Gage, Irrigation Weather Sensor (Calsense WG-1)	1,519.86	89.51
32 84 23 00-0258	EA	Tipping Rain Bucket, Irrigation Weather Sensor (Calsense RB-1)	1,745.51	179.02
32 84 23 00-0259	EA	ET Gage, Irrigation Weather Sensor (Calsense ETG)	3,474.88	134.26
32 84 23 00-0260		**Weather Sensor Accessories** *(32 84 23 00-0244)*		
32 84 23 00-0261	EA	Ceramic Cup For ET Gage Weather Sensor (Calsense ETG-C)	1,022.27	
32 84 23 00-0262	EA	Removal And Replacement Of Circuit Board For ET Gage Weather Sensor (Calsense ETG-PCB)	1,931.70	
32 84 23 00-0263	EA	Vandal Resistant Mounting Base For ET Gage Enclosure (Calsense ETGE-BASE)	1,022.27	44.76
32 84 23 00-0264	EA	Vandal Resistant Stainless Steel Enclosure For ET Gage (Calsense ETGE)	2,364.99	44.76
32 84 23 00-0265		**Antennas For Irrigation Controllers** *(32 84 23 00-0225)* Note: Excludes antenna cable.		
32 84 23 00-0266	EA	Local Radio Dome Antenna (Calsense LR-DOME)	532.57	44.76
32 84 23 00-0267	EA	Local Radio Stick Antenna (Calsense LR-STICK)	777.42	44.76
32 84 23 00-0268	EA	Local Radio Yagi Antenna (Calsense LR-YAGI)	866.93	89.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0269	EA	Local Radio And Calsense Radio, Remote Dome Antenna (Calsense LR-DOME-RR)	532.57	44.76
32 84 23 00-0270	EA	Local Radio And Calsense Radio, Enhanced Remote Dome Antenna (Calsense LR-DOME-RRE)	532.57	44.76
32 84 23 00-0271	EA	GPRS Stubby Antenna (Calsense GR-STUBBY)	532.57	44.76
32 84 23 00-0272	EA	GPRS Stick Antenna (Calsense GR-STICK)	777.42	44.76
32 84 23 00-0273	EA	Spread Spectrum Dome Antenna (Calsense SR-DOME)	532.57	44.76
32 84 23 00-0274	EA	Spread Spectrum Stick Antenna (Calsense SR-STICK)	777.42	44.76
32 84 23 00-0275	EA	Spread Spectrum Yagi Antenna (Calsense SR-YAGI)	866.93	89.51
32 84 23 00-0276	EA	Spread Spectrum And Calsense Radio, Remote Dome Antenna (Calsense SR-DOME-RR)	532.57	44.76
32 84 23 00-0277	EA	Spread Spectrum And Calsense Radio, Enhanced Remote Dome Antenna (Calsense SR-DOME-RRE)	532.57	44.76
32 84 23 00-0278	EA	Spread Spectrum Stubby Antenna (Calsense SR-STUBBY)	532.57	44.76
32 84 23 00-0279	EA	WiFi Stubby Antenna (Calsense WEN-STUBBY)	532.57	44.76
32 84 23 00-0280	LF	Antenna Cable With End Connectors (Calsense LMR-400-DB)	14.59	0.54
32 84 23 00-0281	EA	Surge Protection Device For Antenna (Calsense ANT-PROT)	534.46	22.38
32 84 23 00-0282	EA	5' High, Non-Penetrating, Antenna Tripod Mount (Calsense ANT-TRIP5)	870.69	44.76
32 84 23 00-0283	EA	3' Antenna Stand Off Mount For 3" Maximum Tower Leg (Calsense ANT-SOM)	757.86	
32 84 23 00-0284	EA	Local Radio Frequency Filter (Calsense LR-FILTER)	1,072.67	
32 84 23 00-0285	EA	Spread Spectrum Frequency Filter (Calsense SR-FILTER)	792.84	
32 84 23 00-0286		**Pedestals And Enclosures For Irrigation Controllers** *(32 84 23 00-0225)*		
32 84 23 00-0287	EA	15 Amperes, Circuit Breaker With Enclosure For Irrigation Controllers (Calsense SSE-BREAKER)	484.04	67.14
32 84 23 00-0288	EA	Standard Gray Powder Coated Stainless Steel Controller Enclosure (Calsense C-BOX)	1,177.74	111.88
32 84 23 00-0289	EA	Indoor Wall Mount, Stainless Steel Back Panel (Calsense SSBP) Note: Includes GFI and receptacle.	1,313.75	44.76
32 84 23 00-0290	EA	Standard Gray Powder Coated Stainless Steel Pedestal (Calsense PD-1) Note: Includes factory installed transient protection board and AC line protection.	1,571.21	33.57
32 84 23 00-0291	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE) Note: Includes factory installed transient protection board and AC line protection.	4,930.72	33.57
32 84 23 00-0292	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-R) Note: Includes factory installed transient protection board, AC line protection and dome antenna.	5,570.40	33.57
32 84 23 00-0293	EA	Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D) Note: Includes factory installed transient protection boards and AC line protection. Pre-wired for two controllers.	8,080.71	67.14
32 84 23 00-0294	EA	Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D-R) Note: Includes factory installed transient protection boards, AC line protection and dome antenna. Pre-wired for two controllers.	8,470.24	67.14
32 84 23 00-0295	EA	Bolt Mounting Template For Heavy-Duty Stainless Steel Enclosures (Calsense SSE-CAM)	276.77	
32 84 23 00-0296	EA	Stainless Steel Fully Enclosed Riser For Calsense SSE Enclosures (Calsense SSE-PED)	894.96	
32 84 23 00-0297		**Central Computer For Irrigation Control Systems** *(32 84 23 00-0225)*		
32 84 23 00-0298	EA	Central Computer For Irrigation Control Systems (Calsense COMP-2) Note: Includes a minimum of 133 MHz Pentium, 32 Meg Ram, 1.2 GB hard drive, 14.4 modem and a printer. Excludes Command Center Water Management software.	6,216.02	
32 84 23 00-0299	EA	Command Center Water Management Software For Central Computer (Calsense COMM-1)	11,006.99	
32 84 23 00-0300	EA	Up To 5 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-5) Note: Package price for up to 5 users. Includes remote communication through internet connection.	2,111.66	
32 84 23 00-0301	EA	>5 To 10 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-10) Note: Package price for 6 to 10 users. Includes remote communication through internet connection.	4,160.65	
32 84 23 00-0302	EA	Data Logger With Phone Modem For Irrigation Control Systems (Calsense DL-2)	6,700.06	
32 84 23 00-0303	EA	GPRS Radio For Use At Central Computer (Calsense DTR-G)	4,006.61	
32 84 23 00-0304		**Data Access Service** *(32 84 23 00-0225)*		
32 84 23 00-0305	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN) Note: For communication between GPRS unit and up to 2 controllers.	33.92	
32 84 23 00-0306	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR) Note: For communication between GPRS unit and up to 2 controllers.	370.98	
32 84 23 00-0307	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR) Note: For communication between GPRS unit and up to 2 controllers.	1,589.92	
32 84 23 00-0308	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN-M) Note: For communication between GPRS unit and multiple controllers.	137.79	
32 84 23 00-0309	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR-M) Note: For communication between GPRS unit and multiple controllers.	1,483.93	
32 84 23 00-0310	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR-M) Note: For communication between GPRS unit and multiple controllers.	6,359.70	
32 84 23 00-0311		**Communication Options For Irrigation Controllers** *(32 84 23 00-0225)*		
32 84 23 00-0312	EA	FCC License Fee (Calsense)	224.95	
32 84 23 00-0313	EA	P.C.I.A. And/Or A.P.C.O. Fee (Calsense) Note: Per frequency or frequency pair.	436.94	
32 84 23 00-0314	EA	Hardware Communication Option For Irrigation Controllers (Calsense M) Note: Allows multiple controllers to be chained together via a communications cable and share one phone line.	1,229.54	
32 84 23 00-0315	EA	Phone Line Communication Option For Irrigation Controllers (Calsense R)	1,293.14	
32 84 23 00-0316	EA	Ethernet Communication Option For Irrigation Controllers (Calsense EN)	1,293.14	
32 84 23 00-0317	EA	WiFi Communication Option For Irrigation Controllers (Calsense WEN)	2,649.88	
32 84 23 00-0318	EA	Local Radio Communication Option For Irrigation Controllers (Calsense LR)	3,370.64	
32 84 23 00-0319	EA	Spread Spectrum Radio Communication Option For Irrigation Controllers (Calsense SR)	3,370.64	
32 84 23 00-0320	EA	GPRS Radio Modem Communication Option For Irrigation Controllers (Calsense GR)	3,370.64	
32 84 23 00-0321	EA	Fiber Optic Modem Communication Option For Irrigation Controllers (Calsense FOM)	10,811.49	
32 84 23 00-0322	EA	Communication Hub For Irrigation Controllers (Calsense HUB) Note: Accepts up to two communication options. Excludes communication options.	4,162.67	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0323		Retrofit Options For Irrigation Controllers *(32 84 23 00-0225)*		
32 84 23 00-0324		Weather Retrofits For Irrigation Controllers *(32 84 23 00-0323)*		
32 84 23 00-0325	EA	Add One Flow Sensor Interface To An Existing Calsense Controller (Calsense F-RETRO)	1,647.64	
32 84 23 00-0326	EA	Add One ET Gage Interface To An Existing Calsense Controller (Calsense G-RETRO)	1,647.64	
32 84 23 00-0327	EA	Add One Tipping Rain Bucket Interface To An Existing Calsense Controller (Calsense RB-RETRO)	1,647.64	
32 84 23 00-0328	EA	Add One Wind Gage Interface To An Existing Calsense Controller (Calsense WG-RETRO)	1,647.64	
32 84 23 00-0329		Phone Communication Retrofits For Irrigation Controllers *(32 84 23 00-0323)*		
32 84 23 00-0330	EA	Add The Ability To Chain To Another Calsense Controller With The Phone Line Communication Option And Share One Phone Line (Calsense M-RETRO)	1,732.43	
32 84 23 00-0331	EA	Add The Phone Line Communication Option To An Existing Calsense Controller (Calsense R-RETRO)	2,050.42	
32 84 23 00-0332	EA	Add The Phone Line Communication Option And The Ability To Chain To Another Calsense Controller And Share One Phone Line (Calsense MLR-RETRO)	3,290.56	
32 84 23 00-0333		Local Radio Communication Retrofits For Irrigation Controllers *(32 84 23 00-0323)*		
32 84 23 00-0334	EA	Add The Ability To Chain To Another Calsense Controller With The Local Radio Communication Option And Share One Local Radio (Calsense ML-RETRO)	1,944.42	
32 84 23 00-0335	EA	Add The Local Radio Communication Option To An Existing Calsense Controller (Calsense LR-RETRO)	4,106.72	
32 84 23 00-0336	EA	Add The Local Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Local Radio (Calsense MLR-RETRO)	5,336.26	
32 84 23 00-0337		Spread Spectrum Radio Communication Retrofits For Irrigation Controllers *(32 84 23 00-0323)*		
32 84 23 00-0338	EA	Add The Ability To Chain To Another Calsense Controller With The Spread Spectrum Radio Communication Option And Share One Spread Spectrum Radio (Calsense MS-Retro)	1,944.42	
32 84 23 00-0339	EA	Add The Spread Spectrum Radio Communication Option To An Existing Calsense Controller (Calsense SR-RETRO)	4,106.72	
32 84 23 00-0340	EA	Add The Spread Spectrum Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Spread Spectrum Radio (Calsense MSR-RETRO)	5,336.26	
32 84 23 00-0341		Ethernet Communication Retrofits For Irrigation Controllers *(32 84 23 00-0323)*		
32 84 23 00-0342	EA	Add The Ability To Chain To Another Calsense Controller With The Ethernet Communication Option And Share One Ethernet Device (Calsense ME-Retro)	1,944.42	
32 84 23 00-0343	EA	Add The Ethernet Communication Option To An Existing Calsense Controller (Calsense EN-RETRO)	2,050.42	
32 84 23 00-0344	EA	Add The Ethernet Communication Option And The Ability To Chain To Another Calsense Controller And Share One Ethernet Device (Calsense MEN-RETRO)	3,290.56	
32 84 23 00-0345		GPRS Radio Modem Communication Retrofits For Irrigation Controllers *(32 84 23 00-0323)*		
32 84 23 00-0346	EA	Add The Ability To Chain To Another Calsense Controller With The GPRS Communication Option And Share One GPRS Modem (Calsense MG-RETRO)	1,944.42	
32 84 23 00-0347	EA	Add The GPRS Communication Option To An Existing Calsense Controller (Calsense GR-RETRO)	4,106.72	
32 84 23 00-0348	EA	Add The GPRS Communication Option And The Ability To Chain To Another Calsense Controller And Share One GPRS Modem (Calsense MGR-RETRO)	5,336.26	
32 84 23 00-0349		Radio Remote Units For Irrigation Controllers *(32 84 23 00-0225)*		
32 84 23 00-0350	EA	Enhanced Radio Remote Hand-Held Transmitter With Carry Case (Calsense RRe-TRAN)	1,955.02	
32 84 23 00-0351	EA	Calsense Integrated Radio Remote Receiver Board (Calsense RR/RRe) Note: Includes polyvinyl chloride (PVC) stick antenna. Excludes antenna cable.	419.74	
32 84 23 00-0352	EA	Wall Mount Charger For Hand-Held Transmitter (Calsense RRTRAN-CHG)	180.19	
32 84 23 00-0353	EA	Removal And Replacement Of Battery For Hand-Held Transmitter (Calsense RRTRAN-BAT)	319.17	
32 84 23 00-0354	EA	Polyvinyl Chloride (PVC) Stick Antenna For Radio Remote Receiver Board (Calsense RR-ANT) Note: Excludes antenna cable.	202.57	11.19
32 84 23 00-0355	EA	Whip Antenna For Radio Remote Receiver Board (Calsense RRe-WHIP) Note: Excludes antenna cable.	393.36	11.19
32 84 23 00-0356	EA	Dome Antenna For Radio Remote Receiver Board (Calsense RR-Dome/RRe-Dome) Note: Excludes antenna cable.	425.16	11.19
32 84 23 00-0357		Hydro-Safe WeatherTrak Controllers *(32 84 23 00-0120)*		
32 84 23 00-0358		Front Entry Pedestal Irrigation Controllers *(32 84 23 00-0357)* Note: HydroPoint WeatherTrak ETPro2 Commercial controller assembly in StrongBox SB-18SS enclosure.		
32 84 23 00-0359	EA	12 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC12S)	8,352.49	111.88
32 84 23 00-0360	EA	18 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC18S)	8,891.41	111.88
32 84 23 00-0361	EA	24 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC24S)	9,452.70	123.07
32 84 23 00-0362	EA	30 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC30S)	10,103.89	123.07
32 84 23 00-0363	EA	36 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC36S)	10,642.81	123.07
32 84 23 00-0364	EA	42 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC42S)	11,181.66	134.26
32 84 23 00-0365	EA	48 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC48S)	11,720.58	134.26

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0366		**Back-to-Back Dual Irrigation Controllers** *(32 84 23 00-0357)* Note: HydroPoint WeatherTrak ETPro2 Dual back-to-back controller assembly in StrongBox SB-18DSS enclosure.		
32 84 23 00-0367	EA	12+18 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1218S)	15,425.65	134.26
32 84 23 00-0368	EA	12+24 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1224S)	15,942.12	134.26
32 84 23 00-0369	EA	12+36 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1236S)	17,100.67	152.16
32 84 23 00-0370	EA	12+42 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1242S)	17,706.95	152.16
32 84 23 00-0371	EA	18+24 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1824S)	16,481.04	134.26
32 84 23 00-0372	EA	18+36 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1836S)	17,706.95	152.16
32 84 23 00-0373	EA	18+42 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1842S)	18,245.87	152.16
32 84 23 00-0374	EA	24+24 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC2424S)	17,055.76	152.16
32 84 23 00-0375	EA	24+36 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC2436S)	18,245.87	152.16
32 84 23 00-0376	EA	24+42 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC2442S)	18,798.15	170.07
32 84 23 00-0377	EA	36+36 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC3636S)	19,471.80	170.07
32 84 23 00-0378	EA	36+42 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC3642S)	19,988.26	170.07
32 84 23 00-0379	EA	42+42 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC4242S)	20,562.98	187.97
32 84 23 00-0380		**Wall Mount/Retrofit Mount Irrigation Controllers** *(32 84 23 00-0357)* Note: HydroPoint WeatherTrak ETPro2 wall mount / retrofit controller assembly.		
32 84 23 00-0381	EA	12 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC12S)	5,096.52	111.88
32 84 23 00-0382	EA	18 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC18S)	5,545.62	111.88
32 84 23 00-0383	EA	24 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC24S)	6,106.91	123.07
32 84 23 00-0384	EA	30 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC30S)	6,758.10	123.07
32 84 23 00-0385	EA	36 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC36S)	7,297.02	123.07
32 84 23 00-0386	EA	42 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC42S)	7,858.32	134.26
32 84 23 00-0387		**Top Mount Irrigation Controllers** *(32 84 23 00-0357)* Note: HydroPoint WeatherTrak ETPro2 stainless steel top mount controller assembly.		
32 84 23 00-0388	EA	12 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC12S)	8,891.41	111.88
32 84 23 00-0389	EA	18 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC18S)	9,430.33	111.88
32 84 23 00-0390	EA	24 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC24S)	10,014.07	123.07
32 84 23 00-0391	EA	30 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC30S)	10,642.81	123.07
32 84 23 00-0392	EA	36 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC36S)	11,181.73	123.07
32 84 23 00-0393	EA	42 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC42S)	11,743.03	134.26
32 84 23 00-0394	EA	48 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC48S)	12,259.50	134.26
32 84 23 00-0395		**Wall Mount Irrigation Controllers** *(32 84 23 00-0357)* Note: HydroPoint WeatherTrak ETPro2 stainless steel wall mount controller assembly.		
32 84 23 00-0396	EA	12 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC12S)	6,578.54	111.88
32 84 23 00-0397	EA	18 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC18S)	7,117.46	111.88
32 84 23 00-0398	EA	24 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC24S)	7,678.75	123.07
32 84 23 00-0399	EA	30 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC30S)	8,329.95	123.07
32 84 23 00-0400	EA	36 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC36S)	8,868.87	123.07
32 84 23 00-0401	EA	42 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC42S)	9,430.17	134.26
32 84 23 00-0402	EA	48 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC48S)	9,946.63	134.26
32 84 23 00-0403		**Accessories** *(32 84 23 00-0357)*		
32 84 23 00-0404	EA	WeatherTRAK Central Internet Management Upgrade (HydroPoint WTEXB-PRO2-CIM)	2,445.20	
32 84 23 00-0405	EA	Central Pancake Antenna (HydroPoint ANT-GRPS-PC)	374.93	
32 84 23 00-0406	EA	Central Antenna Amplifier Kit (HydroPoint ANT-AMP-C-Kit)	3,073.94	
32 84 23 00-0407	EA	Central Antenna Amplifier Kit With YAGI Antenna (HydroPoint ANT-AMP-C-Yagi-Kit)	4,028.28	
32 84 23 00-0408	EA	6-Station Key - ET PRO2 Smart Water Manager Series (HydroPoint WTPRO2S-6STA-KEY)	763.35	
32 84 23 00-0409	EA	24-Station Output Board - ET PRO2 Smart Water Manager Series (HydroPoint WTPRO2S-STA-EXT-BRD)	1,120.35	
32 84 23 00-0410		**Satellite Irrigation Controllers (Rain Bird® ESP-SAT)** *(32 84 23 00-0120)* Note: Satellite controllers compatible with Maxi-Con Central Control. Includes link communication with SEMET at the controller and stainless steel cabinet. Excludes concrete pad.		
32 84 23 00-0411	EA	12 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP12SATLS)	4,578.57	201.40
32 84 23 00-0412	EA	24 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP24SATLS)	4,828.50	212.59
32 84 23 00-0413	EA	40 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP40SATLS)	6,711.86	223.78
32 84 23 00-0414		**LEIT Controllers** *(32 84 23 00-0120)*		
32 84 23 00-0415		**LEIT X Series Irrigation Controller** *(32 84 23 00-0414)*		
32 84 23 00-0416	EA	10 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	4,307.56	35.81
32 84 23 00-0417	EA	12 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	4,726.67	35.81
32 84 23 00-0418	EA	16 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	5,409.06	35.81
32 84 23 00-0419	EA	20 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	6,091.45	35.81
32 84 23 00-0420	EA	24 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	6,573.22	35.81
32 84 23 00-0421	EA	28 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series)	7,055.00	35.81
32 84 23 00-0422		**LEIT X Series Irrigation Controller Assembly** *(32 84 23 00-0414)* Note: Includes excavation and concrete for footing, 2" diameter galvanized steel pole (minimum 18" bury), 2" sweeps, controller, and number 5 concrete box with non-traffic rated lid per detail.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0423	EA	10 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	4,869.88	185.49
32 84 23 00-0424	EA	12 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	5,288.99	185.49
32 84 23 00-0425	EA	16 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	5,971.37	185.49
32 84 23 00-0426	EA	20 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	6,653.76	185.49
32 84 23 00-0427	EA	24 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	7,135.54	185.49
32 84 23 00-0428	EA	28 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole	7,617.31	185.49
32 84 23 00-0429		Enclosure For LEIT Controller Assembly *(32 84 23 00-0414)*		
		Note: Includes mounting bolts to concrete foundation and installation of enclosure per detail.		
32 84 23 00-0430	EA	12" x 12" x 54" Milled Steel, #9 Expanded Metal, Painted Per Detail, Enclosure With Access Hatch	3,295.51	249.57
		Note: For LEIT Controller		
32 84 23 00-0431		Hunter Controllers *(32 84 23 00-0120)*		
32 84 23 00-0432		Hunter XC Hybrid Controller *(32 84 23 00-0431)*		
		Note: Operates DC latching solenoids with battery power or a plug in 24 VAC transformer. Includes 6 AA batteries, outdoor stainless steel enclosure and installation of controller in Irrigation Controller Enclosure.		
32 84 23 00-0433	EA	6 Station Hybrid Irrigation Controller With Stainless Steel Enclosure (Hunter XCH-600-SS)	710.55	89.51
32 84 23 00-0434	EA	12 Station Hybrid Irrigation Controller With Stainless Steel Enclosure (Hunter XCH-1200-SS)	904.18	111.88
32 84 23 00-0435		DC Latching Solenoid *(32 84 23 00-0120)*		
32 84 23 00-0436	EA	DC Latching Solenoid (Micro Power Solenoid) For Non LEIT Controllers	39.66	
		Note: As per manufacture of valve.		
32 84 23 00-0437	EA	DC Solenoid For LEIT Controllers (DIG S-305DC)	62.25	
32 84 23 00-0438		Irrigation Controller Enclosure Cabinet *(32 84 23 00-0120)*		
		Note: Includes excavation, installation of concrete foundation, mounting bolts, sweeps, number 5 concrete pull box with non-traffic rated lid and installation of enclosure per detail.		
32 84 23 00-0439	EA	35" (H) x 18" (W) x 12" (D), 12 Gauge Cold Rolled Steel Irrigation Controller Enclosure Cabinet, Powdercoated (Tan)	3,154.41	491.93
32 84 23 00-0440	EA	35" (H) x 24" (W) x 12" (D), 12 Gauge Cold Rolled Steel Irrigation Controller Enclosure Cabinet, Powdercoated (Tan)	3,403.13	536.66
32 84 23 00-0441	EA	35" (H) x 36" (W) x 12" (D), 12 Gauge Cold Rolled Steel Irrigation Controller Enclosure Cabinet, Powdercoated (Tan)	3,761.10	581.37
32 84 23 00-0442	EA	35" (H) x 18" (W) x 12" (D), 0.125" 5052-H-32 Aluminum Irrigation Controller Enclosure Cabinet,	3,154.43	491.93
32 84 23 00-0443	EA	35" (H) x 24" (W) x 12" (D), 0.125" 5052-H-32 Aluminum Steel Irrigation Controller Enclosure Cabinet	3,403.13	536.66
32 84 23 00-0444	EA	35" (H) x 36" (W) x 12" (D), 0.125" 5052-H-32 Aluminum Steel Irrigation Controller Enclosure Cabinet	3,761.10	581.37
32 84 23 00-0445	EA	35" (H) x 18" (W) x 12" (D), Type 304 Stainless Steel Irrigation Controller Enclosure Cabinet	3,922.31	491.93
32 84 23 00-0446	EA	35" (H) x 24" (W) x 12" (D), Type 304 Stainless Steel Irrigation Controller Enclosure Cabinet	4,266.99	536.66
32 84 23 00-0447	EA	35" (H) x 36" (W) x 12" (D), Type 304 Stainless Steel Irrigation Controller Enclosure Cabinet	4,624.96	581.37
32 84 23 00-0448		Irrigation Valves *(32 84 23)*		
32 84 23 00-0449		Reduced Pressure Zone Valves With QT Shut-Offs *(32 84 23 00-0448)*		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
32 84 23 00-0450	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	786.87	41.21
32 84 23 00-0451	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	933.40	50.33
32 84 23 00-0452	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,413.30	58.57
32 84 23 00-0453	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,493.48	67.24
32 84 23 00-0454	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,790.96	86.76
32 84 23 00-0455		Brass Quick-Coupling Irrigation Valves *(32 84 23 00-0448)*		
32 84 23 00-0456	EA	3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 3RC)	155.52	35.96
		For Valve Key, Add	*43.42*	
32 84 23 00-0457	EA	3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 33DRC)	160.55	35.96
		For Locking Cover, Add	*25.00*	
		For Valve Key, Add	*43.42*	
32 84 23 00-0458	EA	1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44RC)	215.79	35.96
		For Valve Key, Add	*111.07*	
32 84 23 00-0459	EA	1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44LRC)	235.87	35.96
		For Valve Key, Add	*111.07*	
32 84 23 00-0460	EA	1", 1-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 5NP)	226.42	35.96
32 84 23 00-0461	EA	1", 2-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 44NP)	235.87	35.96
32 84 23 00-0462		Anti-Siphon Pressure Type Vacuum Breaker *(32 84 23 00-0448)*		
		Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit.		
32 84 23 00-0463	EA	3/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	277.14	30.37
32 84 23 00-0464	EA	1" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	398.25	34.70
32 84 23 00-0465	EA	1-1/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	725.29	40.13
32 84 23 00-0466	EA	1-1/2" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	883.66	44.46
32 84 23 00-0467	EA	2" Anti-Siphon Pressure Type Vacuum Breaker	890.20	54.23
32 84 23 00-0468		Aluminum Cam And Groove Adapter *(32 84 23 00-0448)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0469	EA	1-1/2" Type A Aluminum Cam And Groove Male Adapter x 1-1/2" NPT Female Pipe Thread	39.36	
32 84 23 00-0470	EA	2" Type A Aluminum Cam And Groove Male Adapter x 2" NPT Female Pipe Thread	41.58	
32 84 23 00-0471	EA	1-1/2" Type F Aluminum Cam And Groove Male Adapter x 1-1/2" NPT Male Pipe Thread	40.57	
32 84 23 00-0472	EA	2" Type F Aluminum Cam And Groove Male Adapter x 2" NPT Male Pipe Thread	43.85	
32 84 23 00-0473		**Manual Sprinkler Control Valves** *(32 84 23 00-0448)*		
32 84 23 00-0474	EA	3/4" Manual Sprinkler Control Valves, With Union	95.44	29.28
32 84 23 00-0475	EA	1" Manual Sprinkler Control Valves, With Union	116.35	31.45
32 84 23 00-0476	EA	1-1/4" Manual Sprinkler Control Valves, With Union	179.72	39.80
32 84 23 00-0477	EA	1-1/2" Manual Sprinkler Control Valves, With Union	213.24	45.88
32 84 23 00-0478	EA	2" Manual Sprinkler Control Valves, With Union	287.17	54.23
32 84 23 00-0479		**Irrigation Piping** *(32 84 23)*		
32 84 23 00-0480		**Irrigation Piping With Fittings, On Grade With Pipe Stabilizers** *(32 84 23 00-0479)* Note: Install stabilizers every 20', at change of direction and at sprinkler heads less than 12" tall.		
32 84 23 00-0481		**Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers** *(32 84 23 00-0480)*		
32 84 23 00-0482	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	3.41	1.00
		For >1,000, Deduct	*-0.17*	
32 84 23 00-0483	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.18	1.25
		For >1,000, Deduct	*-0.21*	
32 84 23 00-0484	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	5.16	1.50
		For >1,000, Deduct	*-0.26*	
32 84 23 00-0485	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	6.97	1.89
		For >1,000, Deduct	*-0.35*	
32 84 23 00-0486	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	8.86	2.38
		For >1,000, Deduct	*-0.44*	
32 84 23 00-0487	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	11.78	2.77
		For >1,000, Deduct	*-0.59*	
32 84 23 00-0488	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	15.95	3.99
		For >1,000, Deduct	*-0.80*	
32 84 23 00-0489	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	21.26	4.99
		For >1,000, Deduct	*-1.06*	
32 84 23 00-0490	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	31.82	6.24
		For >1,000, Deduct	*-1.59*	
32 84 23 00-0491		**Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers** *(32 84 23 00-0480)*		
32 84 23 00-0492	LF	3/4" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	3.82	1.25
		For >1,000, Deduct	*-0.19*	
32 84 23 00-0493	LF	1" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	4.55	1.50
		For >1,000, Deduct	*-0.23*	
32 84 23 00-0494	LF	1-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	6.54	1.89
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0495	LF	2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	8.50	2.38
		For >1,000, Deduct	*-0.43*	
32 84 23 00-0496	LF	2-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	11.24	2.77
		For >1,000, Deduct	*-0.56*	
32 84 23 00-0497	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	15.74	3.99
		For >1,000, Deduct	*-0.79*	
32 84 23 00-0498	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	22.39	4.99
		For >1,000, Deduct	*-1.12*	
32 84 23 00-0499	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	38.98	6.24
		For >1,000, Deduct	*-1.95*	
32 84 23 00-0500		**Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers** *(32 84 23 00-0480)*		
32 84 23 00-0501	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.12	1.25
		For >1,000, Deduct	*-0.21*	
32 84 23 00-0502	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.97	1.50
		For >1,000, Deduct	*-0.25*	
32 84 23 00-0503	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	7.34	1.89
		For >1,000, Deduct	*-0.37*	
32 84 23 00-0504	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	9.82	2.38
		For >1,000, Deduct	*-0.49*	
32 84 23 00-0505	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	13.34	2.77
		For >1,000, Deduct	*-0.67*	
32 84 23 00-0506	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	15.95	3.99
		For >1,000, Deduct	*-0.80*	
32 84 23 00-0507	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	21.26	4.99
		For >1,000, Deduct	*-1.06*	
32 84 23 00-0508	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	32.52	6.24
		For >1,000, Deduct	*-1.63*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0509		**Irrigation Piping With Fittings, Trenching, Cover, Backfilled And Compacted** *(32 84 23 00-0479)* Note: Install thrust blocks per Caltrans details for 3" piping and larger, upstream of remote control valve.		
32 84 23 00-0510		**Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted** *(32 84 23 00-0509)*		
32 84 23 00-0511	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.22	1.25
		For >1,000, Deduct	*-0.31*	
32 84 23 00-0512	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	7.21	1.50
		For >1,000, Deduct	*-0.36*	
32 84 23 00-0513	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	9.02	1.89
		For >1,000, Deduct	*-0.45*	
32 84 23 00-0514	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	10.90	2.38
		For >1,000, Deduct	*-0.55*	
32 84 23 00-0515	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	13.82	2.77
		For >1,000, Deduct	*-0.69*	
32 84 23 00-0516	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	17.99	3.99
		For >1,000, Deduct	*-0.90*	
32 84 23 00-0517	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	23.30	4.99
		For >1,000, Deduct	*-1.17*	
32 84 23 00-0518	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	33.86	6.24
		For >1,000, Deduct	*-1.69*	
32 84 23 00-0519		**Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted** *(32 84 23 00-0509)*		
32 84 23 00-0520	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.48	1.25
		For >1,000, Deduct	*-0.32*	
32 84 23 00-0521	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.46	1.50
		For >1,000, Deduct	*-0.37*	
32 84 23 00-0522	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	9.27	1.89
		For >1,000, Deduct	*-0.46*	
32 84 23 00-0523	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	11.14	2.38
		For >1,000, Deduct	*-0.56*	
32 84 23 00-0524	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	14.07	2.77
		For >1,000, Deduct	*-0.70*	
32 84 23 00-0525	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	18.25	3.99
		For >1,000, Deduct	*-0.91*	
32 84 23 00-0526	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	23.55	4.99
		For >1,000, Deduct	*-1.18*	
32 84 23 00-0527	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	34.11	6.24
		For >1,000, Deduct	*-1.71*	
32 84 23 00-0528		**Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted** *(32 84 23 00-0509)*		
32 84 23 00-0529	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	6.72	1.25
		For >1,000, Deduct	*-0.34*	
32 84 23 00-0530	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.71	1.50
		For >1,000, Deduct	*-0.39*	
32 84 23 00-0531	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	9.51	1.89
		For >1,000, Deduct	*-0.48*	
32 84 23 00-0532	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	11.39	2.38
		For >1,000, Deduct	*-0.57*	
32 84 23 00-0533	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	14.33	2.77
		For >1,000, Deduct	*-0.72*	
32 84 23 00-0534	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	18.50	3.99
		For >1,000, Deduct	*-0.93*	
32 84 23 00-0535	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	23.79	4.99
		For >1,000, Deduct	*-1.19*	
32 84 23 00-0536	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	34.36	6.24
		For >1,000, Deduct	*-1.72*	
32 84 23 00-0537		**Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted** *(32 84 23 00-0509)*		
32 84 23 00-0538	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.03	1.25
		For >1,000, Deduct	*-0.30*	
32 84 23 00-0539	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.90	1.50
		For >1,000, Deduct	*-0.35*	
32 84 23 00-0540	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	9.04	1.89
		For >1,000, Deduct	*-0.45*	
32 84 23 00-0541	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	11.54	2.38
		For >1,000, Deduct	*-0.58*	
32 84 23 00-0542	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	14.86	2.77
		For >1,000, Deduct	*-0.74*	
32 84 23 00-0543	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	17.78	3.99
		For >1,000, Deduct	*-0.89*	
32 84 23 00-0544	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	24.44	4.99
		For >1,000, Deduct	*-1.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0545	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	41.02	6.24
		For >1,000, Deduct	*-2.05*	
32 84 23 00-0546		**Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted** *(32 84 23 00-0509)*		
32 84 23 00-0547	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.29	1.25
		For >1,000, Deduct	*-0.31*	
32 84 23 00-0548	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.15	1.50
		For >1,000, Deduct	*-0.36*	
32 84 23 00-0549	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	9.29	1.89
		For >1,000, Deduct	*-0.46*	
32 84 23 00-0550	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	11.78	2.38
		For >1,000, Deduct	*-0.59*	
32 84 23 00-0551	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	15.11	2.77
		For >1,000, Deduct	*-0.76*	
32 84 23 00-0552	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	18.04	3.99
		For >1,000, Deduct	*-0.90*	
32 84 23 00-0553	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	24.69	4.99
		For >1,000, Deduct	*-1.23*	
32 84 23 00-0554	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	41.27	6.24
		For >1,000, Deduct	*-2.06*	
32 84 23 00-0555		**Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted** *(32 84 23 00-0509)*		
32 84 23 00-0556	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	6.53	1.25
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0557	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.40	1.50
		For >1,000, Deduct	*-0.37*	
32 84 23 00-0558	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 124" Of Cover, Backfilled And Compacted	9.53	1.89
		For >1,000, Deduct	*-0.48*	
32 84 23 00-0559	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	12.03	2.38
		For >1,000, Deduct	*-0.60*	
32 84 23 00-0560	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	15.37	2.77
		For >1,000, Deduct	*-0.77*	
32 84 23 00-0561	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	18.29	3.99
		For >1,000, Deduct	*-0.91*	
32 84 23 00-0562	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	24.93	4.99
		For >1,000, Deduct	*-1.25*	
32 84 23 00-0563	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	41.52	6.24
		For >1,000, Deduct	*-2.08*	
32 84 23 00-0564		**Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted** *(32 84 23 00-0509)*		
32 84 23 00-0565	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.16	1.25
		For >1,000, Deduct	*-0.31*	
32 84 23 00-0566	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	7.02	1.50
		For >1,000, Deduct	*-0.35*	
32 84 23 00-0567	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	9.38	1.89
		For >1,000, Deduct	*-0.47*	
32 84 23 00-0568	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	11.87	2.38
		For >1,000, Deduct	*-0.59*	
32 84 23 00-0569	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	15.38	2.77
		For >1,000, Deduct	*-0.77*	
32 84 23 00-0570	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	17.99	3.99
		For >1,000, Deduct	*-0.90*	
32 84 23 00-0571	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	23.30	4.99
		For >1,000, Deduct	*-1.17*	
32 84 23 00-0572	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	34.56	6.24
		For >1,000, Deduct	*-1.73*	
32 84 23 00-0573		**Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted** *(32 84 23 00-0509)*		
32 84 23 00-0574	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.42	1.25
		For >1,000, Deduct	*-0.32*	
32 84 23 00-0575	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.27	1.50
		For >1,000, Deduct	*-0.36*	
32 84 23 00-0576	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	9.63	1.89
		For >1,000, Deduct	*-0.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0577	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	12.11	2.38
		For >1,000, Deduct	*-0.61*	
32 84 23 00-0578	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	15.63	2.77
		For >1,000, Deduct	*-0.78*	
32 84 23 00-0579	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	18.25	3.99
		For >1,000, Deduct	*-0.91*	
32 84 23 00-0580	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	23.55	4.99
		For >1,000, Deduct	*-1.18*	
32 84 23 00-0581	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	34.81	6.24
		For >1,000, Deduct	*-1.74*	
32 84 23 00-0582		**Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted** *(32 84 23 00-0509)*		
32 84 23 00-0583	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	6.66	1.25
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0584	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.52	1.50
		For >1,000, Deduct	*-0.38*	
32 84 23 00-0585	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	9.87	1.89
		For >1,000, Deduct	*-0.49*	
32 84 23 00-0586	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	12.36	2.38
		For >1,000, Deduct	*-0.62*	
32 84 23 00-0587	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	15.89	2.77
		For >1,000, Deduct	*-0.79*	
32 84 23 00-0588	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	18.50	3.99
		For >1,000, Deduct	*-0.93*	
32 84 23 00-0589	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	23.79	4.99
		For >1,000, Deduct	*-1.19*	
32 84 23 00-0590	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	35.06	6.24
		For >1,000, Deduct	*-1.75*	
32 84 23 00-0591		**Irrigation Riser Piping With Fittings** *(32 84 23 00-0479)*		
32 84 23 00-0592	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	19.29	2.99
32 84 23 00-0593	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	20.84	3.75
32 84 23 00-0594	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	20.64	3.50
32 84 23 00-0595	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	22.55	4.37
32 84 23 00-0596	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	41.61	5.24
32 84 23 00-0597	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	44.31	6.55
32 84 23 00-0598	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	48.94	6.74
32 84 23 00-0599	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	52.43	8.43
32 84 23 00-0600	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	56.27	8.24
32 84 23 00-0601	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	60.54	10.30
32 84 23 00-0602		**Irrigation Crossover Piping With Fittings** *(32 84 23 00-0479)* Note: Install per Caltrans details. Includes thrust blocks, HDPE sleeve pipe and fittings, 3" pvc irrigation piping and 1" electrical pvc conduit. Excludes #5 concrete irrigation pull boxes on ends, electrical control wiring. See CSI section 32 84 23 00-0105 for #5 concrete pull box, 32 84 23 00-0646 for irrigation wiring.		
32 84 23 00-0603		**Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench** *(32 84 23 00-0602)*		
32 84 23 00-0604	LF	6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	47.22	
		For >1,000, Deduct	*-2.36*	
32 84 23 00-0605	LF	8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	68.38	
		For >1,000, Deduct	*-3.42*	
32 84 23 00-0606	LF	10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	96.14	
		For >1,000, Deduct	*-4.81*	
32 84 23 00-0607	LF	12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	128.38	
		For >1,000, Deduct	*-6.42*	
32 84 23 00-0608		**Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench** *(32 84 23 00-0602)*		
32 84 23 00-0609	LF	6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	47.96	
		For >1,000, Deduct	*-2.40*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0610		LF	8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	69.21	
			For >1,000, Deduct	*-3.46*	
32 84 23 00-0611		LF	10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	97.05	
			For >1,000, Deduct	*-4.85*	
32 84 23 00-0612		LF	12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	129.38	
			For >1,000, Deduct	*-6.47*	

32 84 23 00-0613 Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 48" Open Trench *(32 84 23 00-0602)*

32 84 23 00-0614		LF	6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 48" Open Trench Installation	48.71	
			For >1,000, Deduct	*-2.44*	
32 84 23 00-0615		LF	8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	70.04	
			For >1,000, Deduct	*-3.50*	
32 84 23 00-0616		LF	10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	97.96	
			For >1,000, Deduct	*-4.90*	
32 84 23 00-0617		LF	12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	130.37	
			For >1,000, Deduct	*-6.52*	

32 84 23 00-0618 Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore *(32 84 23 00-0602)*

32 84 23 00-0619		LF	6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation	103.79	
			For >1,000, Deduct	*-5.19*	
32 84 23 00-0620		LF	8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation	136.40	
			For >1,000, Deduct	*-6.82*	
32 84 23 00-0621		LF	10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation	169.79	
			For >1,000, Deduct	*-8.49*	
32 84 23 00-0622		LF	12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation	207.68	
			For >1,000, Deduct	*-10.38*	

32 84 23 00-0623 Below Ground Cam Adapter Assembly *(32 84 23 00-0479)*

Note: Includes minimum 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.

32 84 23 00-0624		EA	Below Ground Cam Adapter Assembly Note: Includes 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.	681.75	

32 84 23 00-0625 Above Ground Cam Adapter Assembly *(32 84 23 00-0479)*

Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe

32 84 23 00-0626		EA	Above Ground Cam Adapter Assembly Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.	418.01	

32 84 23 00-0627 Thrust Block *(32 84 23 00-0479)*

32 84 23 00-0628		EA	Thrust Block For 1-1/2" Pipe Size And Smaller	35.45	
32 84 23 00-0629		EA	Thrust Block For 2" Pipe	60.97	
32 84 23 00-0630		EA	Thrust Block For 3" And 4" Pipe	86.51	
32 84 23 00-0631		EA	Thrust Block For 6" Pipe	138.14	
32 84 23 00-0632		EA	Thrust Block For 8" Pipe	196.57	

32 84 23 00-0633 Irrigation Swing Joints *(32 84 23)*

32 84 23 00-0634		EA	3/4" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12075)	59.35	19.88
32 84 23 00-0635		EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12)	67.56	22.19
32 84 23 00-0636		EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint With 70 PSI Pressure Regulator (Rain Bird® TSJ100PRS)	91.19	22.19
32 84 23 00-0637		EA	1/2" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	42.48	25.91
32 84 23 00-0638		EA	3/4" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	56.78	34.56
32 84 23 00-0639		EA	1" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	71.78	42.38
32 84 23 00-0640		EA	1/2" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	60.11	26.31
32 84 23 00-0641		EA	3/4" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	79.49	34.90
32 84 23 00-0642		EA	1" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	98.06	42.80
32 84 23 00-0643		EA	1/2" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90 degree elbows.	33.88	16.11
32 84 23 00-0644		EA	3/4" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90 degree elbows.	45.30	21.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0645	EA	1" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90 degree elbows.	54.05	26.64
32 84 23 00-0646		**Irrigation Control Wire** *(32 84 23)* Note: Excludes excavation and backfill.		
32 84 23 00-0647		**18 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0646)*		
32 84 23 00-0648	CLF	1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	49.58	14.98
32 84 23 00-0649	CLF	2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	65.47	17.48
32 84 23 00-0650	CLF	3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	75.37	19.98
32 84 23 00-0651	CLF	4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	86.35	22.48
32 84 23 00-0652	CLF	5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	98.42	24.97
32 84 23 00-0653	CLF	6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	118.14	27.46
32 84 23 00-0654	CLF	7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	137.02	29.96
32 84 23 00-0655	CLF	8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	148.90	32.46
32 84 23 00-0656	CLF	9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	163.64	34.95
32 84 23 00-0657	CLF	10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	180.64	37.45
32 84 23 00-0658	CLF	11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	186.70	39.95
32 84 23 00-0659	CLF	12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	193.87	42.45
32 84 23 00-0660	CLF	13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	204.52	44.94
32 84 23 00-0661		**16 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0646)*		
32 84 23 00-0662	CLF	1-Conductor, 16 AWG, Irrigation Control Wire, Buried In Trench	52.47	14.98
32 84 23 00-0663		**14 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0646)*		
32 84 23 00-0664	CLF	1-Conductor, 14 AWG, Irrigation Control Wire, Buried In Trench	52.48	14.98
32 84 23 00-0665		**12 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0646)*		
32 84 23 00-0666	CLF	1-Conductor, 12 AWG, Irrigation Control Wire, Buried In Trench	71.64	14.98
32 84 23 00-0667		**10 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0646)*		
32 84 23 00-0668	CLF	1-Conductor, 10 AWG, Irrigation Control Wire, Buried In Trench	95.92	14.98
32 84 23 00-0669		**Root Watering Systems** *(32 84 23)* Note: Includes swing assembly.		
32 84 23 00-0670	EA	0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1401)	96.33	19.98
		For Root Watering Sand Sock, Add	*4.95*	
32 84 23 00-0671	EA	0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1401)	104.15	19.98
		For Root Watering Sand Sock, Add	*4.95*	
32 84 23 00-0672	EA	0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1402)	96.33	19.98
		For Root Watering Sand Sock, Add	*4.95*	
32 84 23 00-0673	EA	0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1402)	104.15	19.98
		For Root Watering Sand Sock, Add	*4.95*	
32 84 23 00-0674	EA	1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1404)	104.15	19.98
		For Root Watering Sand Sock, Add	*4.95*	
32 84 23 00-0675	EA	0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1401)	83.57	17.48
		For Root Watering Sand Sock, Add	*4.46*	
32 84 23 00-0676	EA	0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1401)	91.08	17.48
		For Root Watering Sand Sock, Add	*4.46*	
32 84 23 00-0677	EA	0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1402)	83.57	17.48
		For Root Watering Sand Sock, Add	*4.46*	
32 84 23 00-0678	EA	0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1402)	91.08	17.48
		For Root Watering Sand Sock, Add	*4.46*	
32 84 23 00-0679	EA	0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-1401)	55.83	14.98
		For Root Watering Sand Sock, Add	*3.96*	
32 84 23 00-0680	EA	0.25 GPM Bubbler And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-C-1401)	62.97	14.98
		For Root Watering Sand Sock, Add	*3.96*	

32 90 Planting *(32)*

Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar. See CSI section 32 01 90 26-0000 for additional "extended watering period" tasks.

32 91 Planting Preparation *(32 90)*

32 91 13 Soil Preparation *(32 91)*

32 91 13 16 Mulching *(32 91 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0001		**Mulch** *(32 91 13 16)* Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 01 74 19 00-0048 for hauling greater than 15 miles.		
32 91 13 16-0002	CY	Pine Bark Nugget Mulch	103.16	
		For >5 To 20, Deduct	*-8.75*	
		For >20 To 50, Deduct	*-13.13*	
		For >50, Deduct	*-18.29*	
		For Work On Slopes >2.5:1, Add	*14.38*	
32 91 13 16-0003	CY	Hardwood Bark Nugget Mulch	101.91	
		For >5 To 20, Deduct	*-8.69*	
		For >20 To 50, Deduct	*-13.04*	
		For >50, Deduct	*-18.13*	
		For Work On Slopes >2.5:1, Add	*14.38*	
32 91 13 16-0004	CY	Pine Wood Chip Mulch	99.41	
		For >5 To 20, Deduct	*-8.57*	
		For >20 To 50, Deduct	*-12.85*	
		For >50, Deduct	*-17.82*	
		For Work On Slopes >2.5:1, Add	*14.38*	
32 91 13 16-0005	CY	Hardwood Chip Mulch	104.41	
		For >5 To 20, Deduct	*-8.82*	
		For >20 To 50, Deduct	*-13.22*	
		For >50, Deduct	*-18.44*	
		For Work On Slopes >2.5:1, Add	*14.38*	
32 91 13 16-0006	CY	Shredded Hardwood Mulch	104.41	
		For >5 To 20, Deduct	*-8.82*	
		For >20 To 50, Deduct	*-13.22*	
		For >50, Deduct	*-18.44*	
		For Work On Slopes >2.5:1, Add	*14.38*	
32 91 13 16-0007	CY	Shredded Pine Mulch	93.16	
		For >5 To 20, Deduct	*-8.25*	
		For >20 To 50, Deduct	*-12.38*	
		For >50, Deduct	*-17.04*	
		For Work On Slopes >2.5:1, Add	*14.38*	
32 91 13 16-0008	CY	Shredded Cedar Mulch	117.53	
		For >5 To 20, Deduct	*-9.47*	
		For >20 To 50, Deduct	*-14.21*	
		For >50, Deduct	*-20.08*	
		For Work On Slopes >2.5:1, Add	*14.38*	
32 91 13 16-0009	CY	Shredded Cypress Mulch	115.66	
		For >5 To 20, Deduct	*-9.38*	
		For >20 To 50, Deduct	*-14.07*	
		For >50, Deduct	*-19.85*	
		For Work On Slopes >2.5:1, Add	*14.38*	
32 91 13 16-0010	CY	Shredded Redwood Mulch	120.66	
		For >5 To 20, Deduct	*-9.63*	
		For >20 To 50, Deduct	*-14.44*	
		For >50, Deduct	*-20.48*	
		For Work On Slopes >2.5:1, Add	*14.38*	
32 91 13 16-0011	CY	Pea Gravel Mulch	109.51	
		For >5 To 20, Deduct	*-9.07*	
		For >20 To 50, Deduct	*-13.61*	
		For >50, Deduct	*-19.08*	
		For Work On Slopes >2.5:1, Add	*14.38*	
32 91 13 16-0012	CY	Chunk Recycled Tire Mulch	179.27	
		For >5 To 20, Deduct	*-13.55*	
		For >20 To 50, Deduct	*-20.33*	
		For >50, Deduct	*-29.29*	
		For Work On Slopes >2.5:1, Add	*18.35*	
32 91 13 16-0013	CY	Chunk Colored Recycled Tire Mulch	265.52	
		For >5 To 20, Deduct	*-17.86*	
		For >20 To 50, Deduct	*-26.80*	
		For >50, Deduct	*-40.07*	
		For Work On Slopes >2.5:1, Add	*18.35*	
32 91 13 16-0014	CY	Shredded Recycled Tire Mulch	266.77	
		For >5 To 20, Deduct	*-17.93*	
		For >20 To 50, Deduct	*-26.89*	
		For >50, Deduct	*-40.23*	
		For Work On Slopes >2.5:1, Add	*18.35*	
32 91 13 16-0015	CY	Shredded Colored Recycled Tire Mulch	439.27	
		For >5 To 20, Deduct	*-26.55*	
		For >20 To 50, Deduct	*-39.83*	
		For >50, Deduct	*-61.79*	
		For Work On Slopes >2.5:1, Add	*18.35*	
32 91 13 16-0016	EA	Pine Straw Mulch Bale Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen.	8.39	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.04*	
		For Work On Slopes >2.5:1, Add	*0.81*	
32 91 13 16-0017	EA	Wheat Straw Mulch Bale Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.	8.16	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-0.97*	
		For Work On Slopes >2.5:1, Add	*0.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0018	CY	Stone/Gravel Mulch, Marble Chips	331.33	
		For >5 To 20, Deduct	*-20.16*	
		For >20 To 50, Deduct	*-30.24*	
		For >50, Deduct	*-46.81*	
		For Work On Slopes >2.5:1, Add	*14.38*	
32 91 13 16-0019	CY	Stone Mulch, Decomposed Granite Chips	151.32	
		For >5 To 20, Deduct	*-11.16*	
		For >20 To 50, Deduct	*-16.74*	
		For >50, Deduct	*-24.31*	
		For Work On Slopes >2.5:1, Add	*14.38*	

32 91 13 16-0020 Compost Soil Amendment (AgriService) *(32 91 13 16)*

Note: Includes loading, delivery up to 15 miles and spreading. See CSI section 01 74 19 00-0048 for hauling greater than 15 miles.

32 91 13 16-0021	CY	Humic Compost (OIM)	91.44	
		Note: (Agri Service or Equal)		
		For Work On Slopes >2.5:1, Add	*14.38*	
		For >100 To 1,000, Deduct	*-15.36*	
		For >1,000, Deduct	*-23.53*	

32 91 13 26 Planting Beds *(32 91 13)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0001 Plant Bed Preparation *(32 91 13 26)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0002	SF	Up To 8" Deep, Prepare And Mix Plant Bed, By Machine	1.13	
		Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
		For Work On Slopes >2.5:1, Add	*0.23*	
32 91 13 26-0003	SF	>8" To 13" Deep, Prepare And Mix Plant Bed, By Machine	1.30	
		Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
		For Work On Slopes >2.5:1, Add	*0.26*	
32 91 13 26-0004	SF	>13" To 18" Deep, Prepare And Mix Plant Bed, By Machine	1.53	
		Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
		For Work On Slopes >2.5:1, Add	*0.31*	
32 91 13 26-0005	SF	Up To 8" Deep, Prepare And Mix Plant Bed By Hand	5.18	
		Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
		For Work On Slopes >2.5:1, Add	*1.04*	
32 91 13 26-0006	SF	>8" To 13" Deep, Prepare And Mix Plant Bed By Hand	5.95	
		Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
		For Work On Slopes >2.5:1, Add	*1.19*	
32 91 13 26-0007	SF	>13" To 18" Deep, Prepare And Mix Plant Bed By Hand	6.99	
		Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
		For Work On Slopes >2.5:1, Add	*1.40*	

32 91 13 26-0008 Plant Bed Preparation With Humic Compost *(32 91 13 26)*

32 91 13 26-0009	SF	Prepare And Mix Plant Bed By Rototiller, Up To 8" Deep, Mixing Humic Compost (Mixed At Rate Of 3 CY Per 1,000 SF)	1.26	
		Note: Includes loosening subgrade, removing rubbish, mixing humic compost and raking surface.		
		For Work On Slopes >2.5:1, Add	*0.24*	
		For >1,000 To 5,000, Deduct	*-0.18*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.60*	
		For >20,000, Deduct	*-0.85*	
32 91 13 26-0010	SF	Prepare And Mix Plant Bed By Rototiller, Up To 8" Deep, Mixing Humic Compost (Mixed At Rate Of 6 CY Per 1,000 SF)	1.57	
		Note: Includes loosening subgrade, removing rubbish, mixing humic compost and raking surface.		
		For Work On Slopes >2.5:1, Add	*0.29*	
		For >1,000 To 5,000, Deduct	*-0.22*	
		For >5,000 To 10,000, Deduct	*-0.36*	
		For >10,000 To 20,000, Deduct	*-0.73*	
		For >20,000, Deduct	*-1.03*	
32 91 13 26-0011	SF	Prepare And Mix Plant Bed By Rototiller, Up To 8" Deep, Mixing Humic Compost (Mixed At Rate Of 9 CY Per 1,000 SF)	1.87	
		Note: Includes loosening subgrade, removing rubbish, mixing humic compost and raking surface.		
		For Work On Slopes >2.5:1, Add	*0.34*	
		For >1,000 To 5,000, Deduct	*-0.25*	
		For >5,000 To 10,000, Deduct	*-0.42*	
		For >10,000 To 20,000, Deduct	*-0.85*	
		For >20,000, Deduct	*-1.20*	

32 91 13 26-0012 Planting Pit Preparation *(32 91 13 26)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0013	CY	Excavate Planting Pit By Hand, Sandy Soil	89.51	
		Note: For use with existing planting pits.		
		For Work On Slopes >2.5:1, Add	*17.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 26-0014	CY	Excavate Planting Pit By Hand, Heavy Soil Note: For use with existing planting pits.	179.02	
		For Work On Slopes >2.5:1, Add	*35.80*	
32 91 13 26-0015	CY	Excavate Planting Pit By Machine, Sandy Soil Note: For use with existing planting pits.	14.02	
		For Work On Slopes >2.5:1, Add	*2.80*	
32 91 13 26-0016	CY	Excavate Planting Pit By Machine, Heavy Soil Note: For use with existing planting pits.	18.24	
		For Work On Slopes >2.5:1, Add	*3.65*	
32 91 13 26-0017	CY	Backfill Planting Pit By Hand With Topsoil From Stockpile	79.54	
		For Work On Slopes >2.5:1, Add	*15.91*	
32 91 13 26-0018	CY	Backfill Planting Pit By Hand With Contractor Furnished Planting Mix	117.76	
		For Work On Slopes >2.5:1, Add	*14.40*	
32 91 13 26-0019	CY	Backfill Planting Pit By Machine, With Topsoil From Stockpile	7.67	
		For Work On Slopes >2.5:1, Add	*1.53*	
32 91 13 26-0020	CY	Backfill Planting Pit By Machine, With Contractor Furnished Planting Mix	64.43	
		For Work On Slopes >2.5:1, Add	*3.74*	

32 91 13 26-0021 Weed Barrier *(32 91 13 26)*

32 91 13 26-0022	SY	Up To 3 Oz/SY Non Woven, Polypropylene Weed Barrier	2.30	
		For Work On Slopes >2.5:1, Add	*0.14*	
32 91 13 26-0023	SY	4 Oz/SY Woven, Polypropylene Weed Barrier	3.12	
		For Work On Slopes >2.5:1, Add	*0.14*	
32 91 13 26-0024	SY	5 Oz/SY Woven, Needle Punched Polypropylene Weed Barrier	3.49	
		For Work On Slopes >2.5:1, Add	*0.14*	

32 91 13 33 Soil Conditioners *(32 91 13)*

32 91 13 33-0001 Spread Soil Conditioners *(32 91 13 33)*

32 91 13 33-0002	SY	Aluminum Sulfate 1 LB/SY, Push Spreader	0.33	
32 91 13 33-0003	MSF	Aluminum Sulfate 110 LB/MSF Tractor Spreader	30.76	
32 91 13 33-0004	MSF	Fertilizer, 20 LB/MSF, Push Spreader	6.99	
32 91 13 33-0005	MSF	Fertilizer, 20 LB/MSF, Tractor Spread	2.65	
32 91 13 33-0006	MSF	Fertilizer, 20 LB/MSF, Truck Spread	5.11	
32 91 13 33-0007	SY	Pelletized Lime, 1 LB/SY, Push Spreader	0.09	
32 91 13 33-0008	MSF	Pelitized Lime, 110 LB/MSF, Tractor Spreader	6.15	
32 91 13 33-0009	SY	Perlite, 1" Deep, Push Spreader	2.78	
32 91 13 33-0010	MSF	Perlite, 1" Deep, Tractor Spreader	287.59	
32 91 13 33-0011	SY	Vermiculite, Push Spreader	2.58	
32 91 13 33-0012	MSF	Vermiculite, Tractor Spreader	280.93	
32 91 13 33-0013	SY	Humate Granular Soil Conditioner, 0.10 LB/SY, Push Spreader	0.21	
32 91 13 33-0014	MSF	Humate Granular Soil Conditioner, 10 LB/MSF, Tractor Spreader	19.56	

32 91 13 36 Lawn Bed Preparation *(32 91 13)*

32 91 13 36-0001 Lawn Bed Preparation *(32 91 13 36)*

32 91 13 36-0002	MSF	Rake Topsoil With Machine	87.71	
32 91 13 36-0003	MSF	Rake Topsoil By Hand	71.60	
32 91 13 36-0004	MSF	Screen Loam By Hand	47.73	
32 91 13 36-0005	SY	Roll Topsoil With Machine	1.13	
32 91 13 36-0006	SY	Roll Topsoil By Hand	3.20	
32 91 13 36-0007	MSF	Removal Of Rocks And Debris With Machine	10.37	
32 91 13 36-0008	MSF	Removal Of Rocks And Debris By Hand	32.32	
32 91 13 36-0009	MSF	Root Raking And Loading, No Boulders	54.28	
		For >45 to 225, Deduct	*-38.00*	
		For >225, Deduct	*-48.85*	
32 91 13 36-0010	MSF	Root Raking And Loading, With Boulders	90.46	
		For >45 to 225, Deduct	*-63.32*	
		For >225, Deduct	*-81.41*	
32 91 13 36-0011	MSF	Up To 6" Deep Tilling Topsoil With Tractor	4.86	
32 91 13 36-0012	MSF	>6" To 12" Deep Tilling Topsoil With Tractor	9.84	
		For Work On Slopes >2.5:1, Add	*1.97*	
32 91 13 36-0013	SY	Up To 2" Deep Tilling Topsoil With Rototiller	0.76	
32 91 13 36-0014	SY	>2" To 4" Deep Tilling Topsoil With Rototiller	0.91	
32 91 13 36-0015	SY	>4" To 6" Deep Tilling Topsoil With Rototiller	1.14	
32 91 13 36-0016	LF	"V" Cut Soil For Edge Of Planting Beds	1.27	

32 91 13 36-0017 Sod Removal *(32 91 13 36)*

32 91 13 36-0018	SY	Removal Of Sod By Hand	6.04	
		For Work On Slopes >2.5:1, Add	*1.21*	
32 91 13 36-0019	SY	Removal Of Sod With Machine	0.66	
		For Work On Slopes >2.5:1, Add	*0.13*	
32 91 13 36-0020	SY	Pile Sod By Hand	3.58	
		For Work On Slopes >2.5:1, Add	*0.72*	
32 91 13 36-0021	SY	Pile Sod With Machine	1.23	
		For Work On Slopes >2.5:1, Add	*0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 91 19 Landscape Grading *(32 91)*

32 91 19 13 Topsoil Placement and Grading *(32 91 19)*

32 91 19 13-0001 Remove And Stockpile Topsoil On Site *(32 91 19 13)*

32 91 19 13-0002	CY	Removal Of Topsoil, 4" Deep Stockpile On Site	5.07	
32 91 19 13-0003	CY	Removal Of Topsoil, 6" Deep Stockpile On Site	5.02	

32 91 19 13-0004 Screening Topsoil *(32 91 19 13)*

32 91 19 13-0005	CY	Screen Topsoil With Vibrating Screen, Wet Material (Organic)	11.15	
32 91 19 13-0006	CY	Screen Topsoil With Vibrating Screen, Dry Material	7.43	

32 91 19 13-0007 Spreading Topsoil From Stockpile *(32 91 19 13)*

32 91 19 13-0008	CY	Spread Topsoil By Machine From Stockpile	8.34	
32 91 19 13-0009	CY	Spread Topsoil By Hand From Stockpile	68.32	

32 91 19 13-0010 Furnish And Place Imported Screened Topsoil *(32 91 19 13)*

Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 01 74 19 00-0048 for hauling greater than 15 miles, 31 23 16 36-0030 for hand spreading.

32 91 19 13-0011	SY	Furnish And Place Imported Screened Topsoil, 2" Deep	3.80	
		For Unscreened, Deduct		*-0.48*
32 91 19 13-0012	SY	Furnish And Place Imported Screened Topsoil, 4" Deep	7.28	
		For Unscreened, Deduct		*-0.96*
32 91 19 13-0013	SY	Furnish And Place Imported Screened Topsoil, 6" Deep	10.52	
		For Unscreened, Deduct		*-1.44*
32 91 19 13-0014	SY	Furnish And Place Imported Screened Topsoil, 9" Deep	15.15	
		For Unscreened, Deduct		*-2.16*
32 91 19 13-0015	SY	Furnish And Place Imported Screened Topsoil, 12" Deep	19.80	
		For Unscreened, Deduct		*-2.88*
32 91 19 13-0016	CY	Furnish And Place Imported Screened Topsoil, Over 12" Deep	54.38	
		For Unscreened, Deduct		*-8.63*

32 91 19 13-0017 Scarify Soil For Planting Preparation *(32 91 19 13)*

Note: Ripped in multiple directions with 3" maximum clods.

32 91 19 13-0018	MSF	Up To 5,000 SF Scarify Up To 8" Soil With Machine	65.60	
32 91 19 13-0019	MSF	>5,000 To 20,000 SF Scarify Up To 8" Soil With Machine	45.91	
32 91 19 13-0020	MSF	>20,000 SF Scarify Up To 8" Soil With Machine	26.94	

32 92 Turf and Grasses *(32 90)*

32 92 16 Plugging *(32 92)*

32 92 16 00-0001 Bermuda Or Centipede Plugging, 1" Deep *(32 92 16)*

Note: Includes fine grade and soil preparation.

32 92 16 00-0002 6" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0003	MSF	Plugging By Hand, 6" On Center	228.81	
32 92 16 00-0004	MSF	Plugging By Walk Behind Planter, 6" On Center	29.45	
32 92 16 00-0005	MSF	Plugging By Towed Planter, 6" On Center	21.33	

32 92 16 00-0006 9" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0007	MSF	Plugging By Hand, 9" On Center	175.60	
32 92 16 00-0008	MSF	Plugging By Walk Behind Planter, 9" On Center	23.16	
32 92 16 00-0009	MSF	Plugging By Towed Planter, 9" On Center	16.01	

32 92 16 00-0010 12" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0011	MSF	Plugging By Hand, 12" On Center	148.20	
32 92 16 00-0012	MSF	Plugging By Walk Behind Planter, 12" On Center	15.78	
32 92 16 00-0013	MSF	Plugging By Towed Planter, 12" On Center	10.28	

32 92 19 Seeding *(32 92)*

32 92 19 13 Mechanical Seeding *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 13-0001 Tractor Spreader Mechanical Seeding *(32 92 19 13)*

Note: Excludes straw.

32 92 19 13-0002	MSF	Common Bluegrass, Tractor Spreader Note: 4 LB/MSF spread rate.	44.55	
32 92 19 13-0003	MSF	Tall Fescue, Tractor Spreader Note: 5.5 LB/MSF spread rate.	35.80	
32 92 19 13-0004	MSF	Rye, Tractor Spreader Note: 10 LB/MSF spread rate.	36.42	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0005	MSF	Shade Mix, Tractor Spreader Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	39.57	
32 92 19 13-0006	MSF	Turf Mix, Tractor Spreader Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	41.83	
32 92 19 13-0007	MSF	Slope Mix, Tractor Spreader Note: 6 LB/MSF spread rate.	38.81	
32 92 19 13-0008	MSF	Utility Mix, Tractor Spreader Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	35.05	
32 92 19 13-0009	MSF	Wild Flower Mix, Tractor Spreader Note: 0.10 LB/MSF spread rate.	27.95	
32 92 19 13-0010	MSF	Crown Vetch Mix, Tractor Spreader Note: 4 LB/MSF spread rate.	84.07	
32 92 19 13-0011	MSF	Athletic Mix, Tractor Spreader Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	50.88	
32 92 19 13-0012	MSF	White Clover Mix, Tractor Spreader Note: 7 LB/MSF spread rate.	27.88	
32 92 19 13-0013	MSF	Ladino Clover Mix, Tractor Spreader Note: 7 LB/MSF spread rate.	30.89	
32 92 19 13-0014	MSF	Bermuda, Tractor Spreader Note: 10 LB/MSF spread rate.	45.24	

32 92 19 13-0015 Hydro Or Air Mechanical Seeding *(32 92 19 13)*

32 92 19 13-0016	MSF	Common Bluegrass, Hydro Or Air Seeding Note: 4 LB/MSF spread rate.	89.53	
		For Spot Areas Up To 1, Add	*96.13*	
		For >1 To 4, Add	*61.77*	
		For >4 To 7.5, Add	*41.85*	
		For >7.5 To 10, Add	*20.93*	
		For >45, Deduct	*-7.22*	
		For Tackifier, Add	*1.37*	
32 92 19 13-0017	MSF	Tall Fescue, Hydro Or Air Seeding Note: 5.5 LB/MSF spread rate.	94.81	
		For Spot Areas Up To 1, Add	*98.24*	
		For >1 To 4, Add	*62.83*	
		For >4 To 7.5, Add	*42.38*	
		For >7.5 To 10, Add	*21.19*	
		For >45, Deduct	*-7.48*	
		For Tackifier, Add	*1.37*	
32 92 19 13-0018	MSF	Rye, Hydro Or Air Spread Note: 10 LB/MSF spread rate.	89.75	
		For Spot Areas Up To 1, Add	*96.21*	
		For >1 To 4, Add	*61.81*	
		For >4 To 7.5, Add	*41.87*	
		For >7.5 To 10, Add	*20.94*	
		For >45, Deduct	*-7.23*	
		For Tackifier, Add	*1.37*	
32 92 19 13-0019	MSF	Shade Mix, Hydro Or Air Seeding Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	89.53	
		For Spot Areas Up To 1, Add	*96.13*	
		For >1 To 4, Add	*61.77*	
		For >4 To 7.5, Add	*41.85*	
		For >7.5 To 10, Add	*20.93*	
		For >45, Deduct	*-7.22*	
		For Tackifier, Add	*1.37*	
32 92 19 13-0020	MSF	Turf Mix, Hydro Or Air Seeding Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	94.81	
		For Spot Areas Up To 1, Add	*98.24*	
		For >1 To 4, Add	*62.83*	
		For >4 To 7.5, Add	*42.38*	
		For >7.5 To 10, Add	*21.19*	
		For >45, Deduct	*-7.48*	
		For Tackifier, Add	*1.37*	
32 92 19 13-0021	MSF	Slope Mix, Hydro Or Air Seeding Note: 6 LB/MSF spread rate.	92.54	
		For Spot Areas Up To 1, Add	*97.33*	
		For >1 To 4, Add	*62.37*	
		For >4 To 7.5, Add	*42.15*	
		For >7.5 To 10, Add	*21.08*	
		For >45, Deduct	*-7.37*	
		For Tackifier, Add	*1.37*	
32 92 19 13-0022	MSF	Utility Mix, Hydro Or Air Seeding Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	90.72	
		For Spot Areas Up To 1, Add	*96.60*	
		For >1 To 4, Add	*62.01*	
		For >4 To 7.5, Add	*41.97*	
		For >7.5 To 10, Add	*20.99*	
		For >45, Deduct	*-7.28*	
		For Tackifier, Add	*1.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0023	MSF	Wild Flower Mix, Hydro Or Air Seeding Note: 0.10 LB/MSF spread rate.	84.84	
		For Spot Areas Up To 1, Add	*94.25*	
		For >1 To 4, Add	*60.83*	
		For >4 To 7.5, Add	*41.38*	
		For >7.5 To 10, Add	*20.69*	
		For >45, Deduct	*-6.98*	
		For Tackifier, Add	*1.37*	
32 92 19 13-0024	MSF	Crown Vetch Mix, Hydro Or Air Seeding Note: 4 LB/MSF spread rate.	137.80	
		For Spot Areas Up To 1, Add	*115.43*	
		For >1 To 4, Add	*71.42*	
		For >4 To 7.5, Add	*46.68*	
		For >7.5 To 10, Add	*23.34*	
		For >45, Deduct	*-9.63*	
		For Tackifier, Add	*1.37*	
32 92 19 13-0025	MSF	Athletic Mix, Hydro Or Air Seeding Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	121.22	
		For Spot Areas Up To 1, Add	*108.80*	
		For >1 To 4, Add	*68.11*	
		For >4 To 7.5, Add	*45.02*	
		For >7.5 To 10, Add	*22.51*	
		For >45, Deduct	*-8.80*	
		For Tackifier, Add	*1.37*	
32 92 19 13-0026	MSF	White Clover Mix, Hydro Or Air Seeding Note: 7 LB/MSF spread rate.	77.68	
		For Spot Areas Up To 1, Add	*91.39*	
		For >1 To 4, Add	*59.40*	
		For >4 To 7.5, Add	*40.67*	
		For >7.5 To 10, Add	*20.33*	
		For >45, Deduct	*-6.63*	
		For Tackifier, Add	*1.37*	
32 92 19 13-0027	MSF	Ladino Clover Mix, Hydro Or Air Seeding Note: 7 LB/MSF spread rate.	86.51	
		For Spot Areas Up To 1, Add	*94.92*	
		For >1 To 4, Add	*61.17*	
		For >4 To 7.5, Add	*41.55*	
		For >7.5 To 10, Add	*20.77*	
		For >45, Deduct	*-7.07*	
		For Tackifier, Add	*1.37*	
32 92 19 13-0028	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Hydro Or Air Spread Note: 4 LB/MSF spread rate.	91.03	
		For Spot Areas Up To 1, Add	*96.73*	
		For >1 To 4, Add	*62.07*	
		For >4 To 7.5, Add	*42.00*	
		For >7.5 To 10, Add	*21.00*	
		For >45, Deduct	*-7.29*	
		For Tackifier, Add	*1.37*	
32 92 19 13-0029	MSF	2,500 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	111.63	
		For >45, Deduct	*-6.95*	
32 92 19 13-0030	MSF	3,000 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	129.84	
		For >45, Deduct	*-7.93*	
32 92 19 13-0031	MSF	3,500 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	148.15	
		For >45, Deduct	*-8.92*	
32 92 19 13-0032	MSF	4,000 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	166.47	
		For >45, Deduct	*-9.91*	
32 92 19 13-0033	MSF	4,500 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	184.91	
		For >45, Deduct	*-10.91*	
32 92 19 13-0034	MSF	Custom Mix (Landfill Closure), Hydro Or Air Seeding Note: Mixture of varieties: 0.184 Lbs/MSF (8 Lbs/Acre) Vulpia Microstachys, 0.138 Lbs/MSF (6 Lbs/Acre) Poa Secunda, 0.23 Lbs/MSF (10 Lbs/Acre) Hordeum Californicum Prostrate, 0.138 Lbs/MSF (6 Lbs/Acre) Nassella Pulchra, 0.184 Lbs/MSF (8 Lbs/Acre) Elymus Glaucus Anderson, 0.023 Lbs/MSF (1 Lbs/Acre) Artemisia Californica, 0.046 Lbs/MSF (2 Lbs/Acre) Atriplex Semibaccata, and 0.023 Lbs/MSF (1 Lbs/Acre) Atriplex Polycarpa.	116.32	
		For Spot Areas Up To 1, Add	*106.84*	
		For >1 To 4, Add	*67.13*	
		For >4 To 7.5, Add	*44.53*	
		For >7.5 To 10, Add	*22.27*	
		For >45, Deduct	*-8.56*	
32 92 19 13-0035	ACR	Custom Mix (Landfill Closure), Hydro Or Air Seeding Note: Mixture of varieties: 8 Lbs/Acre Vulpia Microstachys, 6 Lbs/Acre Poa Secunda, 10 Lbs/Acre Hordeum Californicum Prostrate, 6 Lbs/Acre Nassella Pulchra, 8 Lbs/Acre Elymus Glaucus Anderson, 1 Lbs/Acre Artemisia Californica, 2 Lbs/Acre Atriplex Semibaccata, and 1 Lbs/Acre Atriplex Polycarpa.	4,823.83	

32 92 19 19 Seeding by Hand *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering. See CSI section 32 91 13 16-0017 for wheat straw mulch.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 19-0001		Push Spreader Or Hand Seeding *(32 92 19 19)* Note: Excludes straw.		
32 92 19 19-0002	MSF	Common Bluegrass, Push Spreader Or Hand Note: 4 LB/MSF spread rate.	110.32	
		For >5 To 20, Deduct	*-7.75*	
		For >20 To 45, Deduct	*-14.99*	
		For >45, Deduct	*-24.46*	
32 92 19 19-0003	MSF	Tall Fescue, Push Spreader Or Hand Note: 5.5 LB/MSF spread rate.	101.57	
		For >5 To 20, Deduct	*-7.32*	
		For >20 To 45, Deduct	*-14.33*	
		For >45, Deduct	*-23.58*	
32 92 19 19-0004	MSF	Rye, Push Spreader Or Hand Note: 10 LB/MSF spread rate.	102.19	
		For >5 To 20, Deduct	*-7.35*	
		For >20 To 45, Deduct	*-14.38*	
		For >45, Deduct	*-23.64*	
32 92 19 19-0005	MSF	Shade Mix, Push Spreader Or Hand Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	105.34	
		For >5 To 20, Deduct	*-7.50*	
		For >20 To 45, Deduct	*-14.61*	
		For >45, Deduct	*-23.96*	
32 92 19 19-0006	MSF	Turf Mix, Push Spreader Or Hand Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	107.60	
		For >5 To 20, Deduct	*-7.62*	
		For >20 To 45, Deduct	*-14.78*	
		For >45, Deduct	*-24.19*	
32 92 19 19-0007	MSF	Slope Mix, Push Spreader Or Hand Note: 6 LB/MSF spread rate.	104.58	
		For >5 To 20, Deduct	*-7.47*	
		For >20 To 45, Deduct	*-14.56*	
		For >45, Deduct	*-23.88*	
32 92 19 19-0008	MSF	Utility Mix, Push Spreader Or Hand Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	100.82	
		For >5 To 20, Deduct	*-7.28*	
		For >20 To 45, Deduct	*-14.27*	
		For >45, Deduct	*-23.51*	
32 92 19 19-0009	MSF	Wild Flower Mix, Push Spreader Or Hand Note: 0.10 LB/MSF spread rate.	93.72	
		For >5 To 20, Deduct	*-6.92*	
		For >20 To 45, Deduct	*-13.74*	
		For >45, Deduct	*-22.80*	
32 92 19 19-0010	MSF	Crown Vetch Mix, Push Spreader Or Hand Note: 4 LB/MSF spread rate.	149.84	
		For >5 To 20, Deduct	*-9.73*	
		For >20 To 45, Deduct	*-17.95*	
		For >45, Deduct	*-28.41*	
32 92 19 19-0011	MSF	Athletic Mix, Push Spreader Or Hand Note: 8 LB/MSF spread rate. Mixture of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	116.65	
		For >5 To 20, Deduct	*-8.07*	
		For >20 To 45, Deduct	*-15.46*	
		For >45, Deduct	*-25.09*	
32 92 19 19-0012	MSF	White Clover Mix, Push Spreader Or Hand Note: 7 LB/MSF spread rate.	93.65	
		For >5 To 20, Deduct	*-6.92*	
		For >20 To 45, Deduct	*-13.74*	
		For >45, Deduct	*-22.79*	
32 92 19 19-0013	MSF	Ladino Clover Mix, Push Spreader Or Hand Note: 7 LB/MSF spread rate.	96.66	
		For >5 To 20, Deduct	*-7.07*	
		For >20 To 45, Deduct	*-13.96*	
		For >45, Deduct	*-23.09*	
32 92 19 19-0014	MSF	100% Kentucky Bluegrass, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	111.75	
		For >5 To 20, Deduct	*-7.83*	
		For >20 To 45, Deduct	*-15.09*	
		For >45, Deduct	*-24.60*	
32 92 19 19-0015	MSF	70% Kentucky Bluegrass And 30% Fescue, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	107.60	
		For >5 To 20, Deduct	*-7.62*	
		For >20 To 45, Deduct	*-14.78*	
		For >45, Deduct	*-24.19*	
32 92 19 19-0016	MSF	50% Kentucky Bluegrass And 50% Fescue, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	104.59	
		For >5 To 20, Deduct	*-7.47*	
		For >20 To 45, Deduct	*-14.56*	
		For >45, Deduct	*-23.88*	
32 92 19 19-0017	MSF	50% Kentucky Bluegrass And 50% Perennial Rye, Push Spreader Or Hand Note: 4.4 LB/MSF spread rate.	110.62	
		For >5 To 20, Deduct	*-7.77*	
		For >20 To 45, Deduct	*-15.01*	
		For >45, Deduct	*-24.49*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 19-0018	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Push Spreader Or Hand	106.09	
		Note: 3.3 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-7.54*	
		For >20 To 45, Deduct	*-14.67*	
		For >45, Deduct	*-24.03*	
32 92 19 19-0019	MSF	40% Creeping Red Fescue, 30% Kentucky Bluegrass, 10% Red Top, And 20% Blue Tag Perennial Rye, Push Spreader Or Hand	107.60	
		Note: 3.3 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-7.62*	
		For >20 To 45, Deduct	*-14.78*	
		For >45, Deduct	*-24.19*	
32 92 19 19-0020	MSF	Bermuda, Push Spreader Or Hand	111.01	
		Note: 10 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-7.79*	
		For >20 To 45, Deduct	*-15.04*	
		For >45, Deduct	*-24.53*	

32 92 23 Sodding *(32 92)*

Note: Includes raking preparation, water thoroughly and allow surface to dry before planting, rolling of sod, sanding seams for (up to 16" wide by 24" long) squares or (up to 24" wide by 54" long) rolls and initial watering within 2 hours after planting.

32 92 23 00-0001 Bermuda Sod *(32 92 23)*

32 92 23 00-0002	MSF	Up To 1,000 SF, Bermuda Sod, Installed On Level Ground	1,482.28
32 92 23 00-0003	MSF	>1,000 To 4,000 SF, Bermuda Sod, Installed On Level Ground	1,256.83
32 92 23 00-0004	MSF	>4,000 To 8,000 SF, Bermuda Sod, Installed On Level Ground	1,070.77
32 92 23 00-0005	MSF	>8,000 SF, Bermuda Sod, Installed On Level Ground	940.93
32 92 23 00-0006	MSF	Up To 1,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,834.31
32 92 23 00-0007	MSF	>1,000 To 4,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,554.93
32 92 23 00-0008	MSF	>4,000 To 8,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,276.43
32 92 23 00-0009	MSF	>8,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,115.81

32 92 23 00-0010 Zoysia Sod *(32 92 23)*

32 92 23 00-0011	MSF	Up To 1,000 SF, Zoysia Sod, Installed On Level Ground	2,120.55
32 92 23 00-0012	MSF	>1,000 To 4,000 SF, Zoysia Sod, Installed On Level Ground	1,733.83
32 92 23 00-0013	MSF	>4,000 To 8,000 SF, Zoysia Sod, Installed On Level Ground	1,468.28
32 92 23 00-0014	MSF	>8,000 SF, Zoysia Sod, Installed On Level Ground	1,258.94
32 92 23 00-0015	MSF	Up To 1,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	2,470.32
32 92 23 00-0016	MSF	>1,000 To 4,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	2,031.93
32 92 23 00-0017	MSF	>4,000 To 8,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	1,673.94
32 92 23 00-0018	MSF	>8,000 SF, Zoysia Sod, Installed On Sloped (>1:6) Ground With Stakes	1,433.82

32 92 23 00-0019 Tall Fescue Sod *(32 92 23)*

32 92 23 00-0020	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground	2,091.02
		For Hybrid Fescue "Marathon", Add	*135.39*
32 92 23 00-0021	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground	1,711.69
		For Hybrid Fescue "Marathon", Add	*102.06*
32 92 23 00-0022	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,449.82
		For Hybrid Fescue "Marathon", Add	*85.39*
32 92 23 00-0023	MSF	>8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,244.17
		For Hybrid Fescue "Marathon", Add	*68.72*
32 92 23 00-0024	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,440.79
		For Hybrid Fescue "Marathon", Add	*135.39*
32 92 23 00-0025	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,009.79
		For Hybrid Fescue "Marathon", Add	*102.06*
32 92 23 00-0026	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	1,655.48
		For Hybrid Fescue "Marathon", Add	*85.39*
32 92 23 00-0027	MSF	>8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	1,419.05
		For Hybrid Fescue "Marathon", Add	*68.72*

32 92 23 00-0028 Centipede Sod *(32 92 23)*

32 92 23 00-0029	MSF	Up To 1,000 SF, Centipede Sod, Installed On Level Ground	1,874.69
32 92 23 00-0030	MSF	>1,000 To 4,000 SF, Centipede Sod, Installed On Level Ground	1,549.44
32 92 23 00-0031	MSF	>4,000 To 8,000 SF, Centipede Sod, Installed On Level Ground	1,314.61
32 92 23 00-0032	MSF	>8,000 SF, Centipede Sod, Installed On Level Ground	1,136.01
32 92 23 00-0033	MSF	Up To 1,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	2,224.46
32 92 23 00-0034	MSF	>1,000 To 4,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	1,847.54
32 92 23 00-0035	MSF	>4,000 To 8,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	1,520.27
32 92 23 00-0036	MSF	>8,000 SF, Centipede Sod, Installed On Sloped (>1:6) Ground With Stakes	1,310.89

32 92 23 00-0037 Kentucky Blue Grass Sod *(32 92 23)*

32 92 23 00-0038	MSF	Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,787.99
32 92 23 00-0039	MSF	>1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,484.41
32 92 23 00-0040	MSF	>4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,260.43
32 92 23 00-0041	MSF	>8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,092.66
32 92 23 00-0042	MSF	Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	2,137.76
32 92 23 00-0043	MSF	>1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	1,782.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 23 00-0044	MSF	>4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	1,466.09	
32 92 23 00-0045	MSF	>8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	1,267.54	
32 92 23 00-0046		Ballfield Mix 2A Sod 10% Bermuda Shorts, 10% Barclay, 80% Turfstar *(32 92 23)*		
32 92 23 00-0047	MSF	Up To 1,000 SF, Ballfield Mix 2A Sod, Installed On Level Ground	1,657.94	
32 92 23 00-0048	MSF	>1,000 To 4,000 SF, Ballfield Mix 2A Sod, Installed On Level Ground	1,386.88	
32 92 23 00-0049	MSF	>4,000 To 8,000 SF, Ballfield Mix 2A Sod, Installed On Level Ground	1,179.15	
32 92 23 00-0050	MSF	>8,000 SF, Ballfield Mix 2A Sod, Installed On Level Ground	1,027.63	
32 92 23 00-0051	MSF	Up To 1,000 SF, Ballfield Mix 2A Sod, Installed On Sloped (>1:6) Ground With Stakes	2,007.71	
32 92 23 00-0052	MSF	>1,000 To 4,000 SF, Ballfield Mix 2A Sod, Installed On Sloped (>1:6) Ground With Stakes	1,684.98	
32 92 23 00-0053	MSF	>4,000 To 8,000 SF, Ballfield Mix 2A Sod, Installed On Sloped (>1:6) Ground With Stakes	1,384.81	
32 92 23 00-0054	MSF	>8,000 SF, Ballfield Mix 2A Sod, Installed On Sloped (>1:6) Ground With Stakes	1,202.51	
32 92 23 00-0055		GN-1 Sod *(32 92 23)*		
32 92 23 00-0056	MSF	Up To 1,000 SF, GN-1 Sod, Installed On Level Ground	2,108.11	
32 92 23 00-0057	MSF	>1,000 To 4,000 SF, GN-1 Sod, Installed On Level Ground	1,724.51	
32 92 23 00-0058	MSF	>4,000 To 8,000 SF, GN-1 Sod, Installed On Level Ground	1,460.50	
32 92 23 00-0059	MSF	>8,000 SF, GN-1 Sod, Installed On Level Ground	1,252.72	
32 92 23 00-0060	MSF	Up To 1,000 SF, GN-1 Sod, Installed On Sloped (>1:6) Ground With Stakes	2,457.88	
32 92 23 00-0061	MSF	>1,000 To 4,000 SF, GN-1 Sod, Installed On Sloped (>1:6) Ground With Stakes	2,022.61	
32 92 23 00-0062	MSF	>4,000 To 8,000 SF, GN-1 Sod, Installed On Sloped (>1:6) Ground With Stakes	1,666.16	
32 92 23 00-0063	MSF	>8,000 SF, GN-1 Sod, Installed On Sloped (>1:6) Ground With Stakes	1,427.60	
32 92 23 00-0064		Tifgreen Bermuda Sod *(32 92 23)*		
32 92 23 00-0065	MSF	Up To 1,000 SF, Tifgreen Bermuda Sod, Installed On Level Ground	2,206.48	
32 92 23 00-0066	MSF	>1,000 To 4,000 SF, Tifgreen Bermuda Sod, Installed On Level Ground	1,798.28	
32 92 23 00-0067	MSF	>4,000 To 8,000 SF, Tifgreen Bermuda Sod, Installed On Level Ground	1,521.98	
32 92 23 00-0068	MSF	>8,000 SF, Tifgreen Bermuda Sod, Installed On Level Ground	1,301.90	
32 92 23 00-0069	MSF	Up To 1,000 SF, Tifgreen Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	2,556.25	
32 92 23 00-0070	MSF	>1,000 To 4,000 SF, Tifgreen Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	2,096.38	
32 92 23 00-0071	MSF	>4,000 To 8,000 SF, Tifgreen Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,727.64	
32 92 23 00-0072	MSF	>8,000 SF, Tifgreen Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,476.78	

32 93 Plants *(32 90)*

32 93 13 Ground Covers *(32 93)*

Note: Materials only. See CSI section 32 93 83 00-0062 for installation and planting of ground cover.

32 93 13 00-0001		Ornamental Grasses *(32 93 13)*		
32 93 13 00-0002	EA	1 Gallon, Cortaderia selloana - Pampas Grass	31.69	
32 93 13 00-0003	EA	2 Gallon, Cortaderia selloana - Pampas Grass	58.58	
32 93 13 00-0004	EA	3 Gallon, Cortaderia selloana - Pampas Grass	106.47	
32 93 13 00-0005	EA	5 Gallon, Cortaderia selloana - Pampas Grass	193.78	
32 93 13 00-0006	EA	1 Gallon, Distichlis spicata - Saltgrass	10.74	
32 93 13 00-0007	EA	5 Gallon, Distichlis spicata - Saltgrass	28.09	
32 93 13 00-0008	EA	1 Quart, Imperata cylindrica - Japanese Blood Grass	24.26	
32 93 13 00-0009	EA	1 Gallon, Imperata cylindrica - Japanese Blood Grass	32.26	
32 93 13 00-0010	EA	2 Gallon, Imperata cylindrica - Japanese Blood Grass	34.52	
32 93 13 00-0011	EA	1 Quart, Koeleria glauca - Blue Hair Grass	24.19	
32 93 13 00-0012	EA	1 Gallon, Koeleria glauca - Blue Hair Grass	32.26	
32 93 13 00-0013	EA	3 Gallon, Koeleria glauca - Blue Hair Grass	78.05	
32 93 13 00-0014	EA	1 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	30.63	
32 93 13 00-0015	EA	3 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	39.69	
32 93 13 00-0016	EA	5 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	75.88	
32 93 13 00-0017	EA	1 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	28.43	
32 93 13 00-0018	EA	3 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	44.69	
32 93 13 00-0019	EA	5 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	76.48	
32 93 13 00-0020	EA	1 Gallon, Monathochloe littoralis - Shore Grass	13.42	
32 93 13 00-0021	EA	1 Quart, Pennisetum setaceum - Fountain Grass	26.46	
32 93 13 00-0022	EA	1 Gallon, Pennisetum setaceum - Fountain Grass	67.32	
32 93 13 00-0023	EA	3 Gallon, Pennisetum setaceum - Fountain Grass	88.74	
32 93 13 00-0024	EA	1 Gallon, Saccharum ravennae - Ravenna Grass	83.78	
32 93 13 00-0025	EA	3 Gallon, Saccharum ravennae - Ravenna Grass	94.11	
32 93 13 00-0026	EA	7 Gallon, Saccharum ravennae - Ravenna Grass	155.26	
32 93 13 00-0027	EA	1 Gallon, Spartina pectinata - Variegated Cord Grass	45.49	
32 93 13 00-0028	EA	2 Gallon, Spartina pectinata - Variegated Cord Grass	68.08	
32 93 13 00-0029	EA	1 Quart, Stipa gigantea - Giant Feather Grass	34.72	
32 93 13 00-0030	EA	1 Gallon, Stipa gigantea - Giant Feather Grass	48.39	
32 93 13 00-0031	EA	1 Gallon, Triglochin maritima - Arrow Grass	8.06	
32 93 13 00-0032		Ground Covers *(32 93 13)*		
32 93 13 00-0033	EA	1 Gallon Agave Attenuata - Century Plant	11.82	
32 93 13 00-0034	EA	5 Gallon Agave Attenuata - Century Plant	31.85	
32 93 13 00-0035	EA	15 Gallon Agave Attenuata - Century Plant	105.31	
32 93 13 00-0036	EA	1 Gallon Ceanothus 'Carmel Creeper' - Wild Lilac	10.08	
32 93 13 00-0037	EA	5 Gallon Ceanothus 'Carmel Creeper' - Wild Lilac	28.05	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0038	EA	1 Gallon Ceanothus 'Yankee Point' - Wild Lilac	10.08	
32 93 13 00-0039	EA	5 Gallon Ceanothus 'Yankee Point' - Wild Lilac	26.20	
32 93 13 00-0040	EA	1 Gallon Dietes Vegata - Fortnight Lily	8.84	
32 93 13 00-0041	EA	5 Gallon Dietes Vegata - Fortnight Lily	21.78	
32 93 13 00-0042	EA	1 Gallon Juncus Patens ' Elk Blue' - California Gray Rush	16.42	
32 93 13 00-0043	EA	5 Gallon Juncus Patens ' Elk Blue' - California Gray Rush	43.13	
32 93 13 00-0044	EA	4" Pot Miscanthus 'Morning Light' - NCN	12.31	
32 93 13 00-0045	EA	20 Count Flat Miscanthus 'Morning Light' - NCN	181.56	
32 93 13 00-0046	EA	1 Gallon Nassella Tenuissima - Mexican Feather Grass	16.42	
32 93 13 00-0047	EA	1 Gallon Trachelospermum Jasminoides - Star Jasmine	8.93	
32 93 13 00-0048	EA	5 Gallon Trachelospermum Jasminoides - Star Jasmine	22.36	
32 93 13 00-0049	EA	1 Gallon Westringia Fruticosa - Coast Rosemary	8.84	
32 93 13 00-0050	EA	5 Gallon Westringia Fruticosa - Coast Rosemary	21.78	
32 93 13 00-0051	EA	15 Gallon Westringia Fruticosa - Coast Rosemary	89.38	
32 93 13 00-0052	EA	1 Quart Carex 'Bowles Golden' - Variegated Japanese Sedge	33.27	
32 93 13 00-0053	EA	1 Gallon Carex 'Bowles Golden' - Variegated Japanese Sedge	43.31	
32 93 13 00-0054	EA	2 Gallon Juniperus horizontalis 'Plumosa Compacta' - Andorra Creeping Juniper	54.81	
32 93 13 00-0055	EA	1 Quart Waldsteinia ternata - Barren Strawberry	9.41	
32 93 13 00-0056	EA	1 Gallon Waldsteinia ternata - Barren Strawberry	22.60	
32 93 13 00-0057	EA	1 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	30.75	
32 93 13 00-0058	EA	2 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	58.37	
32 93 13 00-0059	EA	5 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	102.93	
32 93 13 00-0060	EA	1 Gallon Liriope muscari 'Big Blue' - Big Blue Liriope	10.53	
32 93 13 00-0061	EA	1 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	19.46	
32 93 13 00-0062	EA	5 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	68.41	
32 93 13 00-0063	EA	1 Gallon Juniperus horizontalis "Wiltoni' - Blue Rug Juniper	25.54	
32 93 13 00-0064	EA	4" Pot Parthenocissus tricuspidata - Boston Ivy	12.55	
32 93 13 00-0065	EA	1 Gallon Parthenocissus tricuspidata - Boston Ivy	28.62	
32 93 13 00-0066	EA	5 Gallon Parthenocissus tricuspidata - Boston Ivy	78.33	
32 93 13 00-0067	EA	3 Gallon Bougainvillea spectabilis - Bougainvillea	32.92	
32 93 13 00-0068	EA	1 Quart Iberis sempervirens - Candytuft	9.41	
32 93 13 00-0069	EA	1 Gallon Iberis sempervirens - Candytuft	22.59	
32 93 13 00-0070	EA	1 Gallon Gelsemium sempervirens - Carolina Jessamine	27.11	
32 93 13 00-0071	EA	5 Gallon Gelsemium sempervirens - Carolina Jessamine	97.91	
32 93 13 00-0072	EA	3" Pot Ajuga reptans - Carpet Bugle	5.65	
32 93 13 00-0073	EA	1 Quart Ajuga reptans - Carpet Bugle	9.41	
32 93 13 00-0074	EA	1 Gallon Ajuga reptans - Carpet Bugle	22.59	
32 93 13 00-0075	EA	24 Plant Flat Ajuga reptans - Carpet Bugle	97.28	
32 93 13 00-0076	EA	1 Gallon Macfadyena unguis-cati - Cat Claw Vine	22.59	
32 93 13 00-0077	EA	5 Gallon Macfadyena unguis-cati - Cat Claw Vine	97.91	
32 93 13 00-0078	EA	1 Gallon Wisteria sinensis - Chinese Wisteria Vine	29.50	
32 93 13 00-0079	EA	3 Gallon Wisteria sinensis - Chinese Wisteria Vine	65.27	
32 93 13 00-0080	EA	5 Gallon Wisteria sinensis - Chinese Wisteria Vine	97.91	
32 93 13 00-0081	EA	1 Gallon Ranunculaceae - Clematis Varieties	32.43	
32 93 13 00-0082	EA	2 Gallon Ranunculaceae - Clematis Varieties	59.98	
32 93 13 00-0083	EA	1 Gallon Hydrangea petiolaris - Climbing Hydrangea	40.79	
32 93 13 00-0084	EA	2 Gallon Hydrangea petiolaris - Climbing Hydrangea	76.57	
32 93 13 00-0085	EA	5 Gallon Hydrangea petiolaris - Climbing Hydrangea	125.52	
32 93 13 00-0086	EA	4" Pot Lantana camera - Common Lantana	5.65	
32 93 13 00-0087	EA	1 Gallon Lantana camera - Common Lantana	16.32	
32 93 13 00-0088	EA	1 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	19.46	
32 93 13 00-0089	EA	5 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	64.02	
32 93 13 00-0090	EA	2 Quart Lysimachia nummularia - Creeping Jenny	9.41	
32 93 13 00-0091	EA	1 Gallon Lysimachia nummularia - Creeping Jenny	18.20	
32 93 13 00-0092	EA	2 Quart Liriope spicata - Creeping Lilytuft	16.32	
32 93 13 00-0093	EA	1 Gallon Liriope spicata - Creeping Lilytuft	29.50	
32 93 13 00-0094	EA	5 Gallon Liriope spicata - Creeping Lilytuft	62.13	
32 93 13 00-0095	EA	Bare Root Liriope spicata - Creeping Liriope	4.11	
32 93 13 00-0096	EA	3" Pot Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	5.65	
32 93 13 00-0097	EA	1 Gallon Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	22.59	
32 93 13 00-0098	EA	2-1/4" Pot Securigera varia - Crown Vetch	3.77	
32 93 13 00-0099	EA	50 Plant Flat Securigera varia - Crown Vetch	127.40	
32 93 13 00-0100	EA	1 Quart Senecio cineraria - Dusty Miller	9.41	
32 93 13 00-0101	EA	1 Gallon Senecio cineraria - Dusty Miller	22.59	
32 93 13 00-0102	EA	2 Gallon Aristolochia macrophylla - Dutchman's Pipe	78.45	
32 93 13 00-0103	EA	5 Gallon Aristolochia macrophylla - Dutchman's Pipe	143.72	
32 93 13 00-0104	EA	1 Gallon Ilex cornuta - Dwarf Holly	17.04	
32 93 13 00-0105	EA	3 Gallon Ilex cornuta - Dwarf Holly	36.53	
32 93 13 00-0106	EA	3 Gallon Rhaphiolepis umbellata 'Minor' - Dwarf Indian Hawthorn	36.53	
32 93 13 00-0107	EA	1 Gallon Tradescantia spathacea - Dwarf Oyster Plant	12.18	
32 93 13 00-0108	EA	2" To 3" Pot Hedera helix - English Ivy	5.65	
32 93 13 00-0109	EA	12" To 15" Runners Hedera helix - English Ivy	9.41	
32 93 13 00-0110	EA	1 Gallon Hedera helix - English Ivy	22.59	
32 93 13 00-0111	EA	50 Plant Flat Hedera helix - English Ivy	130.54	
32 93 13 00-0112	EA	4" Pot Lavandula angustifolia - English Lavender	8.16	
32 93 13 00-0113	EA	1 Quart Lavandula angustifolia - English Lavender	15.69	
32 93 13 00-0114	EA	1 Gallon Lavandula angustifolia - English Lavender	25.73	
32 93 13 00-0115	EA	1 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	24.48	
32 93 13 00-0116	EA	2 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	48.95	
32 93 13 00-0117	EA	1 Quart Arundo donax - Giant Reed	30.13	
32 93 13 00-0118	EA	1 Gallon Arundo donax - Giant Reed	43.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0119	EA	1 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	25.73	
32 93 13 00-0120	EA	2 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	48.95	
32 93 13 00-0121	EA	1 Quart Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	33.27	
32 93 13 00-0122	EA	1 Gallon Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	50.21	
32 93 13 00-0123	EA	3" Pot Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	5.65	
32 93 13 00-0124	EA	1 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	25.73	
32 93 13 00-0125	EA	2 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	48.95	
32 93 13 00-0126	EA	1 Gallon Hardenbergia violacea - Happy Wanderer	22.59	
32 93 13 00-0127	EA	5 Gallon Hardenbergia violacea - Happy Wanderer	75.31	
32 93 13 00-0128	EA	3 Gallon Hibiscus, Assorted Colors	29.43	
32 93 13 00-0129	EA	1 Gallon Acorus gramineus - Japanese Sweet Flag	23.54	
32 93 13 00-0130	EA	1 Gallon Jasminum volubile - Wax Jasmine	11.86	
32 93 13 00-0131	EA	1 Gallon Jasminum volubile - Wax Jasmine	29.43	
32 93 13 00-0132	EA	1 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	14.78	
32 93 13 00-0133	EA	3 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	32.92	
32 93 13 00-0134	EA	1 Gallon Cissus antarctica - Kangaroo Vine	18.20	
32 93 13 00-0135	EA	5 Gallon Cissus antarctica - Kangaroo Vine	57.11	
32 93 13 00-0136	EA	1 Quart Stachys byzantina - Lamb's Ear	9.41	
32 93 13 00-0137	EA	1 Quart Stachys byzantina - Lamb's Ear	22.59	
32 93 13 00-0138	EA	1 Gallon Lantana spp. Various Colors	13.32	
32 93 13 00-0139	EA	1 Gallon Lantana sellowiana - Trailing Lantana	8.77	
32 93 13 00-0140	EA	1 Gallon Cocculus laurifolius - Laurel-leaf Snailseed	18.20	
32 93 13 00-0141	EA	5 Gallon Cocculus laurifolius - Laurel-leaf Snailseed	65.27	
32 93 13 00-0142	EA	1 Gallon Liriope Evergreen Giant, 6 To 8 Bibs Minimum	13.32	
32 93 13 00-0143	EA	1 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	16.81	
32 93 13 00-0144	EA	3 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	26.87	
32 93 13 00-0145	EA	1 Quart Moss Phlox, Creeping Phlox	9.41	
32 93 13 00-0146	EA	1 Gallon Moss Phlox, Creeping Phlox	22.59	
32 93 13 00-0147	EA	1 Gallon Nephrolepis exaltata - Common Boston Fern	11.86	
32 93 13 00-0148	EA	4" Pot Ophiopogon Japonicus - Mondo grass	5.65	
32 93 13 00-0149	EA	1 Gallon Ophiopogon Japonicus - Mondo grass	22.59	
32 93 13 00-0150	EA	5 Gallon Ophiopogon Japonicus - Mondo grass	52.09	
32 93 13 00-0151	EA	2' To 3' High Oregon Holly-Grape	26.08	
32 93 13 00-0152	EA	1 Gallon Pachysandra terminalis - Pachysandra	33.98	
32 93 13 00-0153	EA	2-1/4" Pot Vinca minor - Periwinkle	3.14	
32 93 13 00-0154	EA	4" Pot Vinca minor - Periwinkle	9.41	
32 93 13 00-0155	EA	Bare Root Vinca minor - Periwinkle	3.14	
32 93 13 00-0156	EA	1 Quart Nepeta mussinii - Persian Catmint	9.41	
32 93 13 00-0157	EA	1 Gallon Nepeta mussinii - Persian Catmint	19.46	
32 93 13 00-0158	EA	1 Gallon Coprosma kirkii - Prostrate Coprosma	15.69	
32 93 13 00-0159	EA	5 Gallon Coprosma kirkii - Prostrate Coprosma	57.11	
32 93 13 00-0160	EA	1 Gallon Juniperus Horizontalis - Prostrate Juniper	25.73	
32 93 13 00-0161	EA	3 Gallon Juniperus Horizontalis - Prostrate Juniper	55.23	
32 93 13 00-0162	EA	5 Gallon Juniperus Horizontalis - Prostrate Juniper	81.59	
32 93 13 00-0163	EA	1 Quart Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	22.41	
32 93 13 00-0164	EA	1 Gallon Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	58.07	
32 93 13 00-0165	EA	24 Plant Flat Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	97.28	
32 93 13 00-0166	EA	1 Gallon Tradescantia spathacea - Rhoeo Discolor "Dwarf"	11.86	
32 93 13 00-0167	EA	1 Quart Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	13.18	
32 93 13 00-0168	EA	1 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	23.54	
32 93 13 00-0169	EA	2 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	36.72	
32 93 13 00-0170	EA	1 Gallon Hymenocallis latifolia - Spider Lily	14.61	
32 93 13 00-0171	EA	3 Gallon Hymenocallis latifolia - Spider Lily	38.96	
32 93 13 00-0172	EA	1 Quart Hypericum perforatum - St. John's Wort	9.41	
32 93 13 00-0173	EA	1 Gallon Hypericum perforatum - St. John's Wort	22.59	
32 93 13 00-0174	EA	5 Gallon Hypericum perforatum - St. John's Wort	58.37	
32 93 13 00-0175	EA	24" To 30" High Viburnum awabuki - Sweet Viburnum	79.43	
32 93 13 00-0176	EA	1 Gallon Campsis radicans - Trumpet Creeper	34.52	
32 93 13 00-0177	EA	2 Gallon Campsis radicans - Trumpet Creeper	52.09	
32 93 13 00-0178	EA	5 Gallon Campsis radicans - Trumpet Creeper	125.52	
32 93 13 00-0179	EA	2-1/4" Pot Vinca major - Variegated Greater Periwinkle	3.14	
32 93 13 00-0180	EA	4" Pot Vinca major - Variegated Greater Periwinkle	9.41	
32 93 13 00-0181	EA	Bare Root Vinca major - Variegated Greater Periwinkle	3.14	
32 93 13 00-0182	EA	1 Quart Carex hachijoensis - Variegated Japanese Sedge	16.95	
32 93 13 00-0183	EA	1 Gallon Carex hachijoensis - Variegated Japanese Sedge	23.54	
32 93 13 00-0184	EA	2 Gallon Carex hachijoensis - Variegated Japanese Sedge	36.72	
32 93 13 00-0185	EA	1 Gallon Liriope muscari 'Variegata' - Variegated Lilyturf	25.73	
32 93 13 00-0186	EA	2 Quart Verbena peruviana "St. Paul" - St. Paul Verbena	11.92	
32 93 13 00-0187	EA	1 Gallon Verbena peruviana "St. Paul" - St. Paul Verbena	18.20	
32 93 13 00-0188	EA	48 Plant Flat Vinca minor - Lesser Periwinkle	111.86	
32 93 13 00-0189	EA	3" Pot Parthenocissus quinquefolia - Virginia Creeper	5.65	
32 93 13 00-0190	EA	1 Gallon Parthenocissus quinquefolia - Virginia Creeper	29.50	
32 93 13 00-0191	EA	1 Gallon Jasminum polyanthum - Winter Jasmine	22.59	
32 93 13 00-0192	EA	2 Gallon Jasminum polyanthum - Winter Jasmine	45.19	
32 93 13 00-0193	EA	5 Gallon Jasminum polyanthum - Winter Jasmine	78.45	
32 93 13 00-0194	EA	1 Gallon Cistaceae - Wrinkleleaf Rock Rose	18.20	
32 93 13 00-0195	EA	5 Gallon Cistaceae - Wrinkleleaf Rock Rose	62.13	
32 93 13 00-0196	EA	1 Gallon Acmispon galaber - Common Deerweed	14.38	
32 93 13 00-0197	EA	1 Gallon Acacia redolens - Bank Catclaw	5.96	
32 93 13 00-0198	EA	5 Gallon Acacia redolens - Bank Catclaw	18.49	
32 93 13 00-0199	EA	15 Gallon Acacia redolens - Bank Catclaw	71.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0200	EA	1 Gallon Achillea filipendulina - Fernleaf Yarrow	8.84	
32 93 13 00-0201	EA	1 Gallon Achillea millefolium - Common Yarrow	8.01	
32 93 13 00-0202	EA	5 Gallon Achillea millefolium - Common Yarrow	24.66	
32 93 13 00-0203	EA	1 Gallon Achillea millefolium 'Paprika' - Red Yarrow	8.84	
32 93 13 00-0204	EA	1 Gallon Achillea 'Moonshine' - Yellow yarrow	8.84	
32 93 13 00-0205	EA	1 Gallon Agave americana - Century Plant	12.12	
32 93 13 00-0206	EA	5 Gallon Agave americana - Century Plant	32.88	
32 93 13 00-0207	EA	15 Gallon Agave americana - Century Plant	100.69	
32 93 13 00-0208	EA	24" Box Agave americana - Century Plant	359.59	
32 93 13 00-0209	EA	1 Gallon Agave vilmoriniana - Octopus Agave	12.12	
32 93 13 00-0210	EA	5 Gallon Agave vilmoriniana - Octopus Agave	32.88	
32 93 13 00-0211	EA	15 Gallon Agave vilmoriniana - Octopus Agave	100.69	
32 93 13 00-0212	EA	24" Box Agave vilmoriniana - Octopus Agave	359.59	
32 93 13 00-0213	EA	5 Gallon Nolina parryi - Giant Nolina	32.88	

32 93 23 Plants and Bulbs *(32 93)*

Note: Materials only. See CSI section 32 93 83 00-0062 for installation and planting of bulbs and annuals.

32 93 23 00-0001 Perennials *(32 93 23)*

32 93 23 00-0002	EA	2 Quart Assorted Daylilies	18.20	
32 93 23 00-0003	EA	1 Gallon Assorted Daylilies	25.73	
32 93 23 00-0004	EA	2 Gallon Assorted Daylilies	42.68	
32 93 23 00-0005	EA	1 Quart Azure Penstemon	9.41	
32 93 23 00-0006	EA	1 Gallon Azure Penstemon	23.53	
32 93 23 00-0007	EA	1 Quart Balloon Flower	9.41	
32 93 23 00-0008	EA	1 Gallon Balloon Flower	23.53	
32 93 23 00-0009	EA	1 Quart Black-eyed Susan	9.41	
32 93 23 00-0010	EA	1 Gallon Black-eyed Susan	23.53	
32 93 23 00-0011	EA	2 Gallon Black-eyed Susan	30.44	
32 93 23 00-0012	EA	1 Quart Blackberry Lily	9.41	
32 93 23 00-0013	EA	1 Gallon Blackberry Lily	23.53	
32 93 23 00-0014	EA	1 Quart Blank Flower	9.41	
32 93 23 00-0015	EA	1 Gallon Blank Flower	21.65	
32 93 23 00-0016	EA	2 Gallon Blank Flower	30.44	
32 93 23 00-0017	EA	1 Quart Blazing Star, Gayfeather	9.41	
32 93 23 00-0018	EA	1 Gallon Blazing Star, Gayfeather	23.53	
32 93 23 00-0019	EA	1 Quart Bloodred Geranium	16.00	
32 93 23 00-0020	EA	1 Gallon Bloodred Geranium	26.99	
32 93 23 00-0021	EA	1 Quart Blue Plumbago	9.41	
32 93 23 00-0022	EA	1 Gallon Blue Plumbago	23.53	
32 93 23 00-0023	EA	1 Quart Blue Star	16.94	
32 93 23 00-0024	EA	1 Gallon Blue Star	26.99	
32 93 23 00-0025	EA	1 Quart Cardinal Flower	9.41	
32 93 23 00-0026	EA	1 Gallon Cardinal Flower	23.53	
32 93 23 00-0027	EA	4" Pot Columbine	5.65	
32 93 23 00-0028	EA	1 Quart Columbine	9.41	
32 93 23 00-0029	EA	1 Gallon Columbine	23.53	
32 93 23 00-0030	EA	1 Quart Common Globeflower	9.41	
32 93 23 00-0031	EA	1 Gallon Common Globeflower	23.53	
32 93 23 00-0032	EA	1 Quart Cottage Pink, Scotch Pink	9.41	
32 93 23 00-0033	EA	1 Quart Cottage Pink, Scotch Pink	23.53	
32 93 23 00-0034	EA	1 Gallon Astilbe 'Deutschland'	33.89	
32 93 23 00-0035	EA	1 Quart Diploid	11.93	
32 93 23 00-0036	EA	1 Gallon Diploid	26.99	
32 93 23 00-0037	EA	3 Gallon Diploid	46.44	
32 93 23 00-0038	EA	4" Pot Dune Sunflower	13.44	
32 93 23 00-0039	EA	1 Quart Evans Begonia	16.94	
32 93 23 00-0040	EA	1 Gallon Evans Begonia	30.44	
32 93 23 00-0041	EA	1 Quart False Dragonhead	9.41	
32 93 23 00-0042	EA	1 Gallon False Dragonhead	23.53	
32 93 23 00-0043	EA	1 Quart False Spirea	9.41	
32 93 23 00-0044	EA	1 Gallon False Spirea	30.44	
32 93 23 00-0045	EA	3 Gallon False Spirea	42.05	
32 93 23 00-0046	EA	2 Quart False Sunflower	15.06	
32 93 23 00-0047	EA	1 Gallon False Sunflower	23.53	
32 93 23 00-0048	EA	2 Gallon False Sunflower	30.44	
32 93 23 00-0049	EA	1 Gallon Foxglove	21.65	
32 93 23 00-0050	EA	2 Gallon Foxglove	30.44	
32 93 23 00-0051	EA	3 Gallon Foxglove	43.93	
32 93 23 00-0052	EA	1 Gallon Francee Hostas	38.11	
32 93 23 00-0053	EA	1 Quart Garden Phlox	9.41	
32 93 23 00-0054	EA	1 Gallon Garden Phlox	23.53	
32 93 23 00-0055	EA	2 Quart Golden Groundsel	20.08	
32 93 23 00-0056	EA	2 Gallon Golden Groundsel	40.49	
32 93 23 00-0057	EA	1 Quart Golden Star	9.41	
32 93 23 00-0058	EA	1 Gallon Golden Star	23.53	
32 93 23 00-0059	EA	1 Quart Goldenrod	9.41	
32 93 23 00-0060	EA	1 Gallon Goldenrod	23.53	
32 93 23 00-0061	EA	1 Gallon Happy Returns Daylillies	43.83	
32 93 23 00-0062	EA	4" Pot Hardy Aster, Michaelmas Daisy	5.65	
32 93 23 00-0063	EA	1 Quart Hardy Aster, Michaelmas Daisy	9.41	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0064	EA	1 Gallon Hardy Aster, Michaelmas Daisy	23.53	
32 93 23 00-0065	EA	1 Quart Hardy Chrysanthemum	8.16	
32 93 23 00-0066	EA	6" To 8" Pot Hardy Chrysanthemum	13.50	
32 93 23 00-0067	EA	1 Gallon Hardy Chrysanthemum	21.65	
32 93 23 00-0068	EA	1 Gallon Herbaceous Peony	33.58	
32 93 23 00-0069	EA	2 Gallon Herbaceous Peony	53.66	
32 93 23 00-0070	EA	3 Gallon Herbaceous Peony	70.61	
32 93 23 00-0071	EA	4" Pot Japanese Anemone	5.65	
32 93 23 00-0072	EA	1 Quart Japanese Anemone	16.94	
32 93 23 00-0073	EA	2 Gallon Japanese Anemone	30.44	
32 93 23 00-0074	EA	2" Pot Japanese Spurge	3.35	
32 93 23 00-0075	EA	6" Pot Japanese Spurge	5.02	
32 93 23 00-0076	EA	1 Gallon Japanese Spurge	21.62	
32 93 23 00-0077	EA	1 Quart Oriental Poppy	13.50	
32 93 23 00-0078	EA	1 Gallon Oriental Poppy	26.99	
32 93 23 00-0079	EA	48 Plant Flat Pachysandra terminalis	111.86	
32 93 23 00-0080	EA	1 Gallon Pacific Coast Iris	18.52	
32 93 23 00-0081	EA	3 Gallon Pacific Coast Iris	35.15	
32 93 23 00-0082	EA	1 Gallon Palace Purple Coral Bells	35.63	
32 93 23 00-0083	EA	4" Pot Perennial Salvia	5.65	
32 93 23 00-0084	EA	1 Quart Perennial Salvia	9.41	
32 93 23 00-0085	EA	1 Gallon Perennial Salvia	23.53	
32 93 23 00-0086	EA	1 Quart Pincushion Flower	9.41	
32 93 23 00-0087	EA	1 Gallon Pincushion Flower	23.53	
32 93 23 00-0088	EA	2 Quart Plantain Lily	18.20	
32 93 23 00-0089	EA	1 Gallon Plantain Lily	25.73	
32 93 23 00-0090	EA	2 Gallon Plantain Lily	42.68	
32 93 23 00-0091	EA	3 Gallon Plantain Lily	80.66	
32 93 23 00-0092	EA	2 Quart Purple Coneflower	16.94	
32 93 23 00-0093	EA	1 Gallon Purple Coneflower	23.53	
32 93 23 00-0094	EA	2 Gallon Purple Coneflower	30.44	
32 93 23 00-0095	EA	1 Quart Purple Loosestrife	9.41	
32 93 23 00-0096	EA	1 Gallon Purple Loosestrife	23.53	
32 93 23 00-0097	EA	1 Quart Rose Mallow	18.52	
32 93 23 00-0098	EA	2 Gallon Rose Mallow	33.58	
32 93 23 00-0099	EA	3 Gallon Rose Mallow	57.43	
32 93 23 00-0100	EA	1 Gallon Autumn Joy Sedum	35.88	
32 93 23 00-0101	EA	1 Quart Siberian Iris	16.00	
32 93 23 00-0102	EA	2 Gallon Siberian Iris	30.44	
32 93 23 00-0103	EA	3 Gallon Siberian Iris	42.05	
32 93 23 00-0104	EA	1 Quart Speedwell	9.41	
32 93 23 00-0105	EA	1 Gallon Speedwell	23.53	
32 93 23 00-0106	EA	1 Quart Tetraploid	23.53	
32 93 23 00-0107	EA	1 Gallon Tetraploid	43.93	
32 93 23 00-0108	EA	3 Gallon Tetraploid	59.94	
32 93 23 00-0109	EA	1 Quart Threadleaf Coreopsis	9.41	
32 93 23 00-0110	EA	1 Gallon Threadleaf Coreopsis	23.53	
32 93 23 00-0111	EA	1 Quart Torch Lily	9.41	
32 93 23 00-0112	EA	1 Quart Bluebeard	16.94	
32 93 23 00-0113	EA	1 Gallon Bluebeard	25.11	
32 93 23 00-0114	EA	2 Gallon Bluebeard	36.72	
32 93 23 00-0115	EA	1 Gallon Anemopsis californica - Yerba Mansa	12.08	
32 93 23 00-0116	EA	1 Gallon Artemisia palmeri - San Diego Sagewort	10.74	
32 93 23 00-0117	EA	1 Gallon Arthrocnemum subterminale - Parish's Pickleweed	13.42	
32 93 23 00-0118	EA	1 Gallon Cressa truxillensis - Alkali Weed	13.42	
32 93 23 00-0119	EA	1 Gallon Frankenia salina - Alkali Heath	10.74	
32 93 23 00-0120	EA	4" Pot Jaumea carnosa - Salt Marsh Daisy	5.38	
32 93 23 00-0121	EA	1 Gallon Jaumea carnosa - Salt Marsh Daisy	10.75	
32 93 23 00-0122	EA	1 Gallon Juncus acutus - Spiny Rush	10.74	
32 93 23 00-0123	EA	5 Gallon Juncus acutus - Spiny Rush	28.09	
32 93 23 00-0124	EA	1 Gallon Limonium californicum - Sea Lavender	10.74	
32 93 23 00-0125	EA	1 Gallon Salicornia virginica - Deer Weed	10.74	
32 93 23 00-0126	EA	1 Gallon Suaeda esteroa - Sea Blite	13.42	
32 93 23 00-0127	EA	1 Gallon Suaeda taxifolia - Wooly Sea Blite	10.74	
32 93 23 00-0128		Annuals *(32 93 23)*		
32 93 23 00-0129	EA	2-1/2" Pot Annual Flowers	4.37	
32 93 23 00-0130	EA	3" Pot Annual Flowers	5.91	
32 93 23 00-0131	EA	4" Pot Annual Flowers	12.63	
32 93 23 00-0132	EA	5-1/2" Pot Annual Flowers	16.80	
32 93 23 00-0133	EA	6" Pot Annual Flowers	33.26	
32 93 23 00-0134	EA	8" Pot Annual Flowers	55.43	
32 93 23 00-0135	EA	36 Plant Flat Annual Flowers	72.56	
32 93 23 00-0136	EA	48 Plant Flat Annual Flowers	82.30	
32 93 23 00-0137		Bulbs *(32 93 23)*		
32 93 23 00-0138	EA	Top Size Allium giganteum - Giant Ornamental Onion	15.19	
32 93 23 00-0139	EA	Top Size Allium sphaerocephalum - Drumstick Ornamental Onion	0.88	
32 93 23 00-0140	EA	Top Size Crocus Hybrid	0.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0141	EA	Top Size Eranthis hyemalis - Winter Aconite	1.29	
32 93 23 00-0142	EA	Top Size Galanthus nivalis - Snowdrops	1.64	
32 93 23 00-0143	EA	Top Size Iris reticulata cvs - Dutch Iris	0.64	
32 93 23 00-0144	EA	Top Size Muscari armeniacum - Grape Hyacinth	0.76	
32 93 23 00-0145	EA	Top Size Muscari latifolium - Grape Hyacinth	0.88	
32 93 23 00-0146	EA	Narcissus 'Carlton' - Carlton Daffodil DNI	5.26	
32 93 23 00-0147	EA	Narcissus 'Dutch Master' - Dutch Master Daffodil DNI	2.51	
32 93 23 00-0148	EA	Narcissus 'February Gold' - February Gold Daffodil DNI	2.63	
32 93 23 00-0149	EA	Narcissus 'Ice Follies' - Ice Follies Daffodil DNI	2.63	
32 93 23 00-0150	EA	Narcissus 'Mount Hood' - Mount Hood Daffodil DNI	2.75	
32 93 23 00-0151	EA	Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI	2.92	
32 93 23 00-0152	EA	Narcissus 'Pipit' - Pipit Daffodil DNI	2.75	
32 93 23 00-0153	EA	Narcissus 'Salome' - Salome Daffodil DNI	2.57	
32 93 23 00-0154	EA	Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI	2.75	
32 93 23 00-0155	EA	Narcissus 'Thalia' - Thalia Daffodil DNI	2.75	
32 93 23 00-0156	EA	Top Size Scilla siberica - Siberian Squill	0.82	
32 93 23 00-0157	EA	Top Size Tulip 'Angelique' - Angelique Tulip	2.34	
32 93 23 00-0158	EA	Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip	1.75	
32 93 23 00-0159	EA	Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip	2.34	
32 93 23 00-0160	EA	Top Size Tulip 'Big Smile' - Big Smile Tulip	2.04	
32 93 23 00-0161	EA	Top Size Tulip 'Black Parrot' - Black Parrot Tulip	2.92	
32 93 23 00-0162	EA	Top Size Tulip 'Blue Heron' - Blue Heron Tulip	2.22	
32 93 23 00-0163	EA	Top Size Tulip 'Cardinal' - Cardinal Tulip	1.93	
32 93 23 00-0164	EA	Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip	2.16	
32 93 23 00-0165	EA	Top Size Tulip clusiana - Species Tulip	2.16	
32 93 23 00-0166	EA	Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip	2.16	
32 93 23 00-0167	EA	Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip	1.75	
32 93 23 00-0168	EA	Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip	1.69	
32 93 23 00-0169	EA	Top Size Tulip 'Halcro' - Halcro Tulip	1.75	
32 93 23 00-0170	EA	Top Size Tulip 'Ivory Floridale' - Ivory FloradaleTulip	2.92	
32 93 23 00-0171	EA	Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip	1.75	
32 93 23 00-0172	EA	Top Size Tulip 'Passionale' - Passionale Tulip	2.34	
32 93 23 00-0173	EA	Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip	2.51	
32 93 23 00-0174	EA	Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip	2.63	
32 93 23 00-0175	EA	Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip	2.10	
32 93 23 00-0176	EA	Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip	1.99	
32 93 23 00-0177	EA	Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip	2.16	
32 93 23 00-0178	EA	Top Size Tulip 'Princeps' - Princeps Tulip	2.16	
32 93 23 00-0179	EA	Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip	1.69	
32 93 23 00-0180	EA	Top Size Tulip saxatilis - Species Tulip	1.17	
32 93 23 00-0181	EA	Top Size Tulip 'Shirley - Shirley Tulip	1.75	
32 93 23 00-0182	EA	Top Size Tulip 'Spring Green' - Spring Green Tulip	2.28	
32 93 23 00-0183	EA	Top Size Tulip 'White Emperor' - White Emperor Tulip	1.75	

32 93 33 Shrubs *(32 93)*

Note: (cvs = cultivar) materials only. See CSI section 32 93 83 00-0038 for installation and planting of shrubs.

32 93 33 00-0001 Shrubs *(32 93 33)*

32 93 33 00-0002	EA	1 Gallon Abelia x grandiflora - Abelia	15.05	
32 93 33 00-0003	EA	3 Gallon Abelia x grandiflora - Abelia	30.65	
32 93 33 00-0004	EA	5 Gallon Abelia x grandiflora - Abelia	58.84	
32 93 33 00-0005	EA	3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	90.67	
32 93 33 00-0006	EA	18" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	132.51	
32 93 33 00-0007	EA	24" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	147.86	
32 93 33 00-0008	EA	30" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	186.91	
32 93 33 00-0009	EA	36" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	207.84	
32 93 33 00-0010	EA	18" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	41.85	
32 93 33 00-0011	EA	24" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	55.79	
32 93 33 00-0012	EA	30" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	69.74	
32 93 33 00-0013	EA	36" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	38.51	
32 93 33 00-0014	EA	42" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	45.31	
32 93 33 00-0015	EA	48" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	54.37	
32 93 33 00-0016	EA	60" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	63.43	
32 93 33 00-0017	EA	72" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	77.02	
32 93 33 00-0018	EA	36" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	37.38	
32 93 33 00-0019	EA	42" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	39.64	
32 93 33 00-0020	EA	48" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	41.91	
32 93 33 00-0021	EA	60" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	47.57	
32 93 33 00-0022	EA	36" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	37.94	
32 93 33 00-0023	EA	42" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	40.21	
32 93 33 00-0024	EA	48" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	42.47	
32 93 33 00-0025	EA	60" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	44.74	
32 93 33 00-0026	EA	1 Gallon Aspidistra elatior - Cast Iron Plant	7.79	
32 93 33 00-0027	EA	2 Gallon Aspidistra elatior - Cast Iron Plant	18.01	
32 93 33 00-0028	EA	1 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush	8.93	
32 93 33 00-0029	EA	5 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush	22.08	
32 93 33 00-0030	EA	1 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush	8.93	
32 93 33 00-0031	EA	5 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush	22.08	
32 93 33 00-0032	EA	1 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	9.13	
32 93 33 00-0033	EA	3 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	20.08	
32 93 33 00-0034	EA	5 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	27.13	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0035	EA	1 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	9.73	
32 93 33 00-0036	EA	2 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	14.24	
32 93 33 00-0037	EA	15" To 18" Berberis - Northern Bayberry	40.64	
32 93 33 00-0038	EA	2' To 2-1/2' Berberis - Northern Bayberry	51.59	
32 93 33 00-0039	EA	2-1/2' To 3' Berberis - Northern Bayberry	72.28	
32 93 33 00-0040	EA	1 Gallon Berberis Buxifolia 'Nana' - Barberry	10.08	
32 93 33 00-0041	EA	5 Gallon Berberis Buxifolia 'Nana' - Barberry	24.28	
32 93 33 00-0042	EA	18" To 24" Berberis julianae - Dwarf Wintergreen Barberry	43.44	
32 93 33 00-0043	EA	2' To 2-1/2' Berberis julianae - Dwarf Wintergreen Barberry	55.61	
32 93 33 00-0044	EA	2-1/2' To 3' Berberis julianae - Dwarf Wintergreen Barberry	71.06	
32 93 33 00-0045	EA	1 Gallon Berberis thunbergii - Crimson Pygmy Barberry	11.68	
32 93 33 00-0046	EA	2 Gallon Berberis thunbergii - Crimson Pygmy Barberry	23.00	
32 93 33 00-0047	EA	3 Gallon Berberis thunbergii - Crimson Pygmy Barberry	28.11	
32 93 33 00-0048	EA	1 Gallon Berberis x mentorensis - Mentor Barberry	11.07	
32 93 33 00-0049	EA	5 Gallon Berberis x mentorensis - Mentor Barberry	31.27	
32 93 33 00-0050	EA	2' To 3' Berberis x mentorensis - Mentor Barberry	43.44	
32 93 33 00-0051	EA	3' To 4' Berberis x mentorensis - Mentor Barberry	67.04	
32 93 33 00-0052	EA	1 Gallon Buxus microphylla japonica - Japanese Boxwood	12.65	
32 93 33 00-0053	EA	5 Gallon Buxus microphylla japonica - Japanese Boxwood	33.95	
32 93 33 00-0054	EA	12" To 15" Buxus microphylla japonica - Japanese Boxwood	36.14	
32 93 33 00-0055	EA	15" To 18" Buxus microphylla japonica - Japanese Boxwood	46.48	
32 93 33 00-0056	EA	18" To 24" Buxus microphylla japonica - Japanese Boxwood	61.93	
32 93 33 00-0057	EA	24" To 30" Buxus microphylla japonica - Japanese Boxwood	92.96	
32 93 33 00-0058	EA	30" To 36" Buxus microphylla japonica - Japanese Boxwood	129.10	
32 93 33 00-0059	EA	12" To 15" Buxus sempervirens - Common Boxwood	36.14	
32 93 33 00-0060	EA	15" To 18" Buxus sempervirens - Common Boxwood	46.48	
32 93 33 00-0061	EA	18" To 24" Buxus sempervirens - Common Boxwood	61.93	
32 93 33 00-0062	EA	24" To 30" Buxus sempervirens - Common Boxwood	92.96	
32 93 33 00-0063	EA	2 Gallon Buxus Hybrid - Boxwood Cultivars	23.79	
32 93 33 00-0064	EA	5 Gallon Buxus Hybrid - Boxwood Cultivars	39.64	
32 93 33 00-0065	EA	5 Gallon Buxus microphylla & cvs - Little leaf Boxwood	104.20	
32 93 33 00-0066	EA	18" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	56.63	
32 93 33 00-0067	EA	24" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	77.02	
32 93 33 00-0068	EA	30" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	104.20	
32 93 33 00-0069	EA	5 Gallon Calycanthus floridus - Common Sweetshrub	37.38	
32 93 33 00-0070	EA	30" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub	33.98	
32 93 33 00-0071	EA	36" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub	45.31	
32 93 33 00-0072	EA	1 Gallon Camellia "Sasanqua" - Camellia	9.93	
32 93 33 00-0073	EA	3 Gallon Camellia "Sasanqua" - Camellia	21.19	
32 93 33 00-0074	EA	5 Gallon Camellia "Sasanqua" - Camellia	35.24	
32 93 33 00-0075	EA	7 Gallon Camellia "Sasanqua" - Camellia	52.47	
32 93 33 00-0076	EA	15 Gallon Camellia "Sasanqua" - Camellia	136.13	
32 93 33 00-0077	EA	1 Gallon Camellia japonica - Camellia	9.93	
32 93 33 00-0078	EA	3 Gallon Camellia japonica - Camellia	21.19	
32 93 33 00-0079	EA	5 Gallon Camellia japonica - Camellia	35.24	
32 93 33 00-0080	EA	5 Gallon Ceanothus americanus - New Jersey Tea	37.38	
32 93 33 00-0081	EA	1 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus	10.08	
32 93 33 00-0082	EA	5 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus	26.20	
32 93 33 00-0083	EA	5 Gallon Celastrus scandens - Bittersweet	37.38	
32 93 33 00-0084	EA	36" Balled and Burlapped, Celastrus scandens - Bittersweet	31.71	
32 93 33 00-0085	EA	5 Gallon Cephalanthus occidentalis - Buttonbush	37.38	
32 93 33 00-0086	EA	24" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	28.32	
32 93 33 00-0087	EA	30" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	31.71	
32 93 33 00-0088	EA	36" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	33.98	
32 93 33 00-0089	EA	18" To 24" Chaenomeles speciosa - Flowering Quince	32.61	
32 93 33 00-0090	EA	2' To 3' Chaenomeles speciosa - Flowering Quince	43.44	
32 93 33 00-0091	EA	3' To 4' Chaenomeles speciosa - Flowering Quince	67.04	
32 93 33 00-0092	EA	3 Gallon Clethra alnifolia & cvs - Summersweet Clethra	36.24	
32 93 33 00-0093	EA	18" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	39.08	
32 93 33 00-0094	EA	24" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	43.61	
32 93 33 00-0095	EA	30" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	45.87	
32 93 33 00-0096	EA	36" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	53.80	
32 93 33 00-0097	EA	1 Gallon Cistus Hybridus - White Rockrose	8.93	
32 93 33 00-0098	EA	5 Gallon Cistus Hybridus - White Rockrose	22.08	
32 93 33 00-0099	EA	1 Gallon Coleonema Pulchellum - Confetti Bush	8.93	
32 93 33 00-0100	EA	5 Gallon Coleonema Pulchellum - Confetti Bush	22.08	
32 93 33 00-0101	EA	15 Gallon Coleonema Pulchellum - Confetti Bush	103.38	
32 93 33 00-0102	EA	2' To 3' Cornus mas - Cornelian Cherry	51.59	
32 93 33 00-0103	EA	3' To 4' Cornus mas - Cornelian Cherry	64.49	
32 93 33 00-0104	EA	4' To 5' Cornus mas - Cornelian Cherry	82.62	
32 93 33 00-0105	EA	5' To 6' Cornus mas - Cornelian Cherry	113.52	
32 93 33 00-0106	EA	5 Gallon Cornus alba & cvs - Tartarian Dogwood	33.98	
32 93 33 00-0107	EA	36" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	23.79	
32 93 33 00-0108	EA	48" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	27.18	
32 93 33 00-0109	EA	60" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	33.98	
32 93 33 00-0110	EA	72" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	40.78	
32 93 33 00-0111	EA	36" Balled and Burlapped, Cornus amomum - Silky Dogwood	33.98	
32 93 33 00-0112	EA	5 Gallon Cornus obliqua - Blue Fruited Dogwood	37.38	
32 93 33 00-0113	EA	5 Gallon Cornus racemosa - Gray Dogwood	37.38	
32 93 33 00-0114	EA	36" Balled and Burlapped, Cornus racemosa - Gray Dogwood	33.98	
32 93 33 00-0115	EA	48" Balled and Burlapped, Cornus racemosa - Gray Dogwood	39.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0116	EA	60" Balled and Burlapped, Cornus racemosa - Gray Dogwood	43.04	
32 93 33 00-0117	EA	72" Balled and Burlapped, Cornus racemosa - Gray Dogwood	52.10	
32 93 33 00-0118	EA	36" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	36.81	
32 93 33 00-0119	EA	48" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	41.34	
32 93 33 00-0120	EA	60" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	47.01	
32 93 33 00-0121	EA	24" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	29.45	
32 93 33 00-0122	EA	30" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	33.98	
32 93 33 00-0123	EA	36" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	36.24	
32 93 33 00-0124	EA	48" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	39.64	
32 93 33 00-0125	EA	60" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	44.17	
32 93 33 00-0126	EA	5 Gallon Corylus americana - American Filbert	35.11	
32 93 33 00-0127	EA	30" Balled and Burlapped, Corylus americana - American Filbert	39.64	
32 93 33 00-0128	EA	36" Balled and Burlapped, Corylus americana - American Filbert	42.47	
32 93 33 00-0129	EA	48" Balled and Burlapped, Corylus americana - American Filbert	45.87	
32 93 33 00-0130	EA	24" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	113.27	
32 93 33 00-0131	EA	30" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	147.24	
32 93 33 00-0132	EA	36" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	158.57	
32 93 33 00-0133	EA	42" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	203.88	
32 93 33 00-0134	EA	48" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	249.18	
32 93 33 00-0135	EA	60" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	283.16	
32 93 33 00-0136	EA	5' To 6' Cotinus coggygria - Smoke Tree	108.42	
32 93 33 00-0137	EA	6' To 8' Cotinus coggygria - Smoke Tree	162.56	
32 93 33 00-0138	EA	8' To 10' Cotinus coggygria - Smoke Tree	245.18	
32 93 33 00-0139	EA	5 Gallon Cotoneaster acutifolia & cvs - Peking Cotoneaster	28.32	
32 93 33 00-0140	EA	18" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster	28.32	
32 93 33 00-0141	EA	24" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster	29.45	
32 93 33 00-0142	EA	12" To 15" Spread Cotoneaster adpressus - Creeping Cotoneaster	27.13	
32 93 33 00-0143	EA	3 Gallon Cotoneaster apiculata & cvs - Cranberry Cotoneaster	29.45	
32 93 33 00-0144	EA	18" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster	28.32	
32 93 33 00-0145	EA	24" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster	29.45	
32 93 33 00-0146	EA	1 Gallon Cotoneaster divaricatus - Spreading Cotoneaster	11.68	
32 93 33 00-0147	EA	2' To 3' Cotoneaster divaricatus - Spreading Cotoneaster	36.14	
32 93 33 00-0148	EA	3' To 4' Cotoneaster divaricatus - Spreading Cotoneaster	48.79	
32 93 33 00-0149	EA	4' To 5' Cotoneaster divaricatus - Spreading Cotoneaster	82.62	
32 93 33 00-0150	EA	1 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster	8.93	
32 93 33 00-0151	EA	5 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster	22.08	
32 93 33 00-0152	EA	1 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	11.68	
32 93 33 00-0153	EA	2 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	23.00	
32 93 33 00-0154	EA	1 Gallon Cotoneaster lacteus - Red Clusterberry	8.93	
32 93 33 00-0155	EA	5 Gallon Cotoneaster lacteus - Red Clusterberry	22.08	
32 93 33 00-0156	EA	15 Gallon Cotoneaster lacteus - Red Clusterberry	87.63	
32 93 33 00-0157	EA	18" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	28.88	
32 93 33 00-0158	EA	24" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	31.71	
32 93 33 00-0159	EA	30" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	40.78	
32 93 33 00-0160	EA	36" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	47.57	
32 93 33 00-0161	EA	42" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	54.37	
32 93 33 00-0162	EA	24" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	45.31	
32 93 33 00-0163	EA	30" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	54.37	
32 93 33 00-0164	EA	36" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	63.43	
32 93 33 00-0165	EA	2 Gallon Diervilla splendens - Splendens Bush Honeysuckle	16.99	
32 93 33 00-0166	EA	36" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle	40.78	
32 93 33 00-0167	EA	48" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle	54.37	
32 93 33 00-0168	EA	1 Gallon Elaeagnus - Silverberry	10.42	
32 93 33 00-0169	EA	3 Gallon Elaeagnus - Silverberry	20.84	
32 93 33 00-0170	EA	5 Gallon Elaeagnus - Silverberry	28.66	
32 93 33 00-0171	EA	3' To 4' Elaeagnus umbellata - Autumn Olive	33.83	
32 93 33 00-0172	EA	4' To 5' Elaeagnus umbellata - Autumn Olive	46.48	
32 93 33 00-0173	EA	5' To 6' Elaeagnus umbellata - Autumn Olive	55.61	
32 93 33 00-0174	EA	3' To 4' Elaeagnus angustiflolia - Russian Olive	54.15	
32 93 33 00-0175	EA	1 Gallon Euonymus - Gold Spot	9.74	
32 93 33 00-0176	EA	2 Gallon Euonymus - Gold Spot	20.44	
32 93 33 00-0177	EA	5 Gallon Euonymus - Gold Spot	28.11	
32 93 33 00-0178	EA	1 Gallon Euonymus alatus - Winged Euonymus	8.31	
32 93 33 00-0179	EA	3 Gallon Euonymus alatus - Winged Euonymus	23.97	
32 93 33 00-0180	EA	24" Balled and Burlapped, Euonymus alatus - Winged Euonymus	32.30	
32 93 33 00-0181	EA	30" Balled and Burlapped, Euonymus alatus - Winged Euonymus	40.38	
32 93 33 00-0182	EA	36" Balled and Burlapped, Euonymus alatus - Winged Euonymus	55.49	
32 93 33 00-0183	EA	42" Balled and Burlapped, Euonymus alatus - Winged Euonymus	68.51	
32 93 33 00-0184	EA	48" Balled and Burlapped, Euonymus alatus - Winged Euonymus	80.76	
32 93 33 00-0185	EA	54" Balled and Burlapped, Euonymus alatus - Winged Euonymus	104.20	
32 93 33 00-0186	EA	5 Gallon Euonymus alatus - Winged Euonymus	29.96	
32 93 33 00-0187	EA	60" Balled and Burlapped, Euonymus alatus - Winged Euonymus	130.26	
32 93 33 00-0188	EA	30" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	50.97	
32 93 33 00-0189	EA	36" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	60.60	
32 93 33 00-0190	EA	42" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	79.29	
32 93 33 00-0191	EA	48" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	95.14	
32 93 33 00-0192	EA	60" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	117.80	
32 93 33 00-0193	EA	18" To 24" Euonymus alatus - Winged Burning Bush	36.14	
32 93 33 00-0194	EA	2' To 2-1/2' Euonymus alatus - Winged Burning Bush	42.59	
32 93 33 00-0195	EA	2-1/2' To 3' Euonymus alatus - Winged Burning Bush	58.16	
32 93 33 00-0196	EA	3' To 3-1/2' Euonymus alatus - Winged Burning Bush	69.72	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0197	EA	3-1/2 To 4' Euonymus alatus - Winged Burning Bush	87.73	
32 93 33 00-0198	EA	4' To 5' Euonymus alatus - Winged Burning Bush	123.87	
32 93 33 00-0199	EA	5' To 6' Euonymus alatus - Winged Burning Bush	154.90	
32 93 33 00-0200	EA	6' To 8' Euonymus alatus - Winged Burning Bush	180.69	
32 93 33 00-0201	EA	15" To 18" Euonymus alatus - Dwarf Winged Burning Bush	36.14	
32 93 33 00-0202	EA	18" To 24" Euonymus alatus - Dwarf Winged Burning Bush	41.25	
32 93 33 00-0203	EA	2' To 2-1/2' Euonymus alatus - Dwarf Winged Burning Bush	50.37	
32 93 33 00-0204	EA	2-1/2' To 3' Euonymus alatus - Dwarf Winged Burning Bush	71.06	
32 93 33 00-0205	EA	3' To 3-1/2' Euonymus alatus - Dwarf Winged Burning Bush	83.96	
32 93 33 00-0206	EA	3-1/2' To 4' Euonymus alatus - Dwarf Winged Burning Bush	100.63	
32 93 33 00-0207	EA	4' To 5' Euonymus alatus - Dwarf Winged Burning Bush	142.00	
32 93 33 00-0208	EA	5' To 6' Euonymus alatus - Dwarf Winged Burning Bush	167.79	
32 93 33 00-0209	EA	36" Balled and Burlapped, Euonymus atropurpurea - Eastern Wahoo	30.58	
32 93 33 00-0210	EA	1 Gallon Euonymus fortunei - Wintercreeper	11.68	
32 93 33 00-0211	EA	2 Gallon Euonymus fortunei - Wintercreeper	23.00	
32 93 33 00-0212	EA	3 Gallon Euonymus fortunei - Wintercreeper	28.11	
32 93 33 00-0213	EA	5 Gallon Euonymus fortunei - Wintercreeper	33.34	
32 93 33 00-0214	EA	2' To 3' Forsythia - Korean Forsythia	25.80	
32 93 33 00-0215	EA	3' To 4' Forsythia - Korean Forsythia	32.61	
32 93 33 00-0216	EA	4' To 5' Forsythia - Korean Forsythia	40.64	
32 93 33 00-0217	EA	30" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	26.05	
32 93 33 00-0218	EA	36" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	28.88	
32 93 33 00-0219	EA	48" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	31.15	
32 93 33 00-0220	EA	18" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia	27.18	
32 93 33 00-0221	EA	24" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia	36.24	
32 93 33 00-0222	EA	24" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	27.18	
32 93 33 00-0223	EA	30" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	31.71	
32 93 33 00-0224	EA	36" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	37.38	
32 93 33 00-0225	EA	42" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	43.04	
32 93 33 00-0226	EA	48" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	49.84	
32 93 33 00-0227	EA	2 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	38.51	
32 93 33 00-0228	EA	3 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	53.80	
32 93 33 00-0229	EA	5 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	56.63	
32 93 33 00-0230	EA	15" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	58.90	
32 93 33 00-0231	EA	18" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	63.43	
32 93 33 00-0232	EA	24" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	77.02	
32 93 33 00-0233	EA	24" Balled and Burlapped, Fothergilla major - Large Fothergilla	99.67	
32 93 33 00-0234	EA	30" Balled and Burlapped, Fothergilla major - Large Fothergilla	113.27	
32 93 33 00-0235	EA	1 Gallon Gardenia jasminoides - Cape Jasmine	8.40	
32 93 33 00-0236	EA	3 Gallon Gardenia jasminoides - Cape Jasmine	22.02	
32 93 33 00-0237	EA	5 Gallon Gardenia jasminoides - Cape Jasmine	28.11	
32 93 33 00-0238	EA	36" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	79.29	
32 93 33 00-0239	EA	48" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	129.12	
32 93 33 00-0240	EA	60" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	163.10	
32 93 33 00-0241	EA	72" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	249.18	
32 93 33 00-0242	EA	84" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	283.16	
32 93 33 00-0243	EA	1 Gallon Hedychuium gartdnerum - Variegated Ginger	4.82	
32 93 33 00-0244	EA	3 Gallon Hedychuium gartdnerum - Variegated Ginger	16.93	
32 93 33 00-0245	EA	5 Gallon Hedychuium gartdnerum - Variegated Ginger	32.56	
32 93 33 00-0246	EA	1 Gallon Hibiscus rosa-sinensis - Hibiscus	12.35	
32 93 33 00-0247	EA	3 Gallon Hibiscus rosa-sinensis - Hibiscus	20.84	
32 93 33 00-0248	EA	5 Gallon Hibiscus rosa-sinensis - Hibiscus	31.52	
32 93 33 00-0249	EA	5 Gallon Hibiscus syriacus - Rose Of Sharon	32.61	
32 93 33 00-0250	EA	2' To 3' Hibiscus syriacus - Rose Of Sharon	27.74	
32 93 33 00-0251	EA	3' To 4' Hibiscus syriacus - Rose Of Sharon	37.48	
32 93 33 00-0252	EA	4' To 5' Hibiscus syriacus - Rose Of Sharon	54.15	
32 93 33 00-0253	EA	5' To 6' Hibiscus syriacus - Rose Of Sharon	74.83	
32 93 33 00-0254	EA	2 Gallon Hydrangea - Blue Hydrangea	23.00	
32 93 33 00-0255	EA	5 Gallon Hydrangea - Blue Hydrangea	32.37	
32 93 33 00-0256	EA	2' To 3' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	36.14	
32 93 33 00-0257	EA	3' To 4' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	41.25	
32 93 33 00-0258	EA	2 Gallon Hydrangea quercifloia - Oakleaf Hydrangea	23.00	
32 93 33 00-0259	EA	5 Gallon Hydrangea arborescens & cvs - Smooth Hydrangea	39.64	
32 93 33 00-0260	EA	30" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea	43.04	
32 93 33 00-0261	EA	36" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea	49.84	
32 93 33 00-0262	EA	4 Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea	52.10	
32 93 33 00-0263	EA	18" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea	40.78	
32 93 33 00-0264	EA	24" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea	54.37	
32 93 33 00-0265	EA	3 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	23.79	
32 93 33 00-0266	EA	5 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	28.32	
32 93 33 00-0267	EA	18" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	24.35	
32 93 33 00-0268	EA	24" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	26.05	
32 93 33 00-0269	EA	30" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	29.45	
32 93 33 00-0270	EA	36" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	33.98	
32 93 33 00-0271	EA	48" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	45.31	
32 93 33 00-0272	EA	18" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	32.85	
32 93 33 00-0273	EA	24" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	37.38	
32 93 33 00-0274	EA	30" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	44.17	
32 93 33 00-0275	EA	2 Gallon Hypericum kalmianum - St. John's Wort	23.00	
32 93 33 00-0276	EA	3 Gallon Hypericum kalmianun - Kalm St. John's Wort	27.18	
32 93 33 00-0277	EA	24" Balled and Burlapped, Hypericum kalmianun - Kalm St. John's Wort	29.45	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0278	EA	1 Gallon Ilex "Carissa" - Holly	11.68	
32 93 33 00-0279	EA	2 Gallon Ilex "Carissa" - Holly	23.00	
32 93 33 00-0280	EA	5 Gallon Ilex "Carissa" - Holly	32.37	
32 93 33 00-0281	EA	18" To 24" Ilex - Gulftide Sweet Holly	31.03	
32 93 33 00-0282	EA	2' To 2-1/2' Ilex - Gulftide Sweet Holly	39.30	
32 93 33 00-0283	EA	2-1/2' To 3' Ilex - Gulftide Sweet Holly	50.98	
32 93 33 00-0284	EA	3' To 3-1/2' Ilex - Gulftide Sweet Holly	61.93	
32 93 33 00-0285	EA	3 Gallon Ilex cornuta - Dwarf Horned Holly	23.18	
32 93 33 00-0286	EA	1 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	11.68	
32 93 33 00-0287	EA	2 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	23.00	
32 93 33 00-0288	EA	5 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	33.34	
32 93 33 00-0289	EA	1 Gallon Ilex crenata - Hellers Japanese Holly	11.68	
32 93 33 00-0290	EA	2 Gallon Ilex crenata - Hellers Japanese Holly	25.55	
32 93 33 00-0291	EA	3 Gallon Ilex crenata - Hellers Japanese Holly	33.34	
32 93 33 00-0292	EA	2 Gallon Ilex crenata - Hetzi Japanese Holly	25.55	
32 93 33 00-0293	EA	3 Gallon Ilex crenata - Hetzi Japanese Holly	30.78	
32 93 33 00-0294	EA	2' To 3' Ilex crenata - Hetzi Japanese Holly	61.93	
32 93 33 00-0295	EA	3' To 4' Ilex crenata - Hetzi Japanese Holly	82.62	
32 93 33 00-0296	EA	2' To 3' Ilex opaca - American Holly	82.62	
32 93 33 00-0297	EA	3' To 4' Ilex opaca - American Holly	136.77	
32 93 33 00-0298	EA	4' To 5' Ilex opaca - American Holly	175.46	
32 93 33 00-0299	EA	5' To 6' Ilex opaca - American Holly	211.60	
32 93 33 00-0300	EA	6' To 7' Ilex opaca - American Holly	296.77	
32 93 33 00-0301	EA	7' To 8' Ilex opaca - American Holly	412.98	
32 93 33 00-0302	EA	8' To 10' Ilex opaca - American Holly	593.55	
32 93 33 00-0303	EA	10' To 12' Ilex opaca - American Holly	903.34	
32 93 33 00-0304	EA	12' To 14' Ilex opaca - American Holly	1,096.81	
32 93 33 00-0305	EA	14' To 16' Ilex opaca - American Holly	1,354.89	
32 93 33 00-0306	EA	2' To 3' Ilex verticillata - Winterberry (Female)	82.62	
32 93 33 00-0307	EA	3' To 4' Ilex verticillata - Winterberry (Female)	108.42	
32 93 33 00-0308	EA	2' To 3' Ilex verticillata - Winterberry (Male)	67.04	
32 93 33 00-0309	EA	3' To 4' Ilex verticillata - Winterberry (Male)	92.96	
32 93 33 00-0310	EA	4' To 5' Ilex verticillata - Winterberry (Male)	108.42	
32 93 33 00-0311	EA	1 Gallon Ilex vomitoria - Yaupon Holly	10.95	
32 93 33 00-0312	EA	3 Gallon Ilex vomitoria - Yaupon Holly	22.02	
32 93 33 00-0313	EA	10 Gallon Ilex vomitoria - Yaupon Holly	77.39	
32 93 33 00-0314	EA	18" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly	35.11	
32 93 33 00-0315	EA	24" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly	39.64	
32 93 33 00-0316	EA	3 Gallon Ilex meserveae & cvs - Blue Holly	45.31	
32 93 33 00-0317	EA	18" Balled and Burlapped, Ilex meserveae & cvs - Blue Holly	41.91	
32 93 33 00-0318	EA	24" Balled and Burlapped, Ilex meserveae & cvs - Blue Holly	50.97	
32 93 33 00-0319	EA	5 Gallon Ilex verticillata & cvs - Common Winterberry	37.38	
32 93 33 00-0320	EA	24" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	37.38	
32 93 33 00-0321	EA	30" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	39.64	
32 93 33 00-0322	EA	36" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	47.57	
32 93 33 00-0323	EA	42" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	53.23	
32 93 33 00-0324	EA	48" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	56.63	
32 93 33 00-0325	EA	60" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	72.49	
32 93 33 00-0326	EA	4' To 5' Ilex x attenuata "Foster" - Holly	134.21	
32 93 33 00-0327	EA	5' To 6' Ilex x attenuata "Foster" - Holly	178.01	
32 93 33 00-0328	EA	6' To 7' Ilex x attenuata "Foster" - Holly	159.28	
32 93 33 00-0329	EA	7' To 8' Ilex x attenuata "Foster" - Holly	309.67	
32 93 33 00-0330	EA	1 Gallon Jasimnum - Jasmine	3.00	
32 93 33 00-0331	EA	3 Gallon Jasimnum - Jasmine	11.72	
32 93 33 00-0332	EA	3 Gallon Jasimnum - Orange Jasmine	9.12	
32 93 33 00-0333	EA	4' - 5' Jasimnum - Orange Jasmine	104.20	
32 93 33 00-0334	EA	6' - 7' Jasimnum - Orange Jasmine	208.41	
32 93 33 00-0335	EA	8' - 10' Jasimnum - Orange Jasmine	281.35	
32 93 33 00-0336	EA	3 Gallon Juniperus chinesis cvs - Chinese Juniper	39.64	
32 93 33 00-0337	EA	5 Gallon Juniperus chinesis cvs - Chinese Juniper	44.17	
32 93 33 00-0338	EA	18" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	58.90	
32 93 33 00-0339	EA	24" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	77.02	
32 93 33 00-0340	EA	30" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	90.61	
32 93 33 00-0341	EA	36" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	122.33	
32 93 33 00-0342	EA	48" Balled and Burlapped, Juniperus chinesis cvs - Chinese Juniper	167.63	
32 93 33 00-0343	EA	1 Gallon Juniperus horizontalis cvs - Creeping Juniper	18.89	
32 93 33 00-0344	EA	3 Gallon Juniperus horizontalis cvs - Creeping Juniper	39.64	
32 93 33 00-0345	EA	5 Gallon Juniperus horizontalis cvs - Creeping Juniper	44.17	
32 93 33 00-0346	EA	15" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	47.57	
32 93 33 00-0347	EA	18" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	52.10	
32 93 33 00-0348	EA	24" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	63.43	
32 93 33 00-0349	EA	30" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	77.02	
32 93 33 00-0350	EA	3 Gallon Juniperus procumbens cvs - Japanese Garden Juniper	30.58	
32 93 33 00-0351	EA	18" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	36.24	
32 93 33 00-0352	EA	24" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	49.84	
32 93 33 00-0353	EA	30" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	63.43	
32 93 33 00-0354	EA	36" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	77.02	
32 93 33 00-0355	EA	3 Gallon Juniperus sabina cvs - Savin Juniper	28.32	
32 93 33 00-0356	EA	5 Gallon Juniperus sabina cvs - Savin Juniper	33.98	
32 93 33 00-0357	EA	4 Gallon Juniperus virginiana cvs - Red Cedar Juniper	29.45	
32 93 33 00-0358	EA	36" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	56.63	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0359	EA	48" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	88.35	
32 93 33 00-0360	EA	60" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	111.00	
32 93 33 00-0361	EA	15" To 18" Kalmia latifolia - Mountain Laurel	46.48	
32 93 33 00-0362	EA	18" To 24" Kalmia latifolia - Mountain Laurel	61.93	
32 93 33 00-0363	EA	2' To 3' Kalmia latifolia - Mountain Laurel	90.28	
32 93 33 00-0364	EA	4' To 5' Kalmia latifolia - Mountain Laurel	165.12	
32 93 33 00-0365	EA	5' To 6' Kalmia latifolia - Mountain Laurel	252.97	
32 93 33 00-0366	EA	6' To 8' Kalmia latifolia - Mountain Laurel	387.18	
32 93 33 00-0367	EA	1 Gallon Kerria japonica - Kerria	10.34	
32 93 33 00-0368	EA	5 Gallon Kerria japonica - Kerria	32.37	
32 93 33 00-0369	EA	24" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	32.85	
32 93 33 00-0370	EA	30" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	37.38	
32 93 33 00-0371	EA	36" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	40.78	
32 93 33 00-0372	EA	42" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	47.57	
32 93 33 00-0373	EA	48" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	54.37	
32 93 33 00-0374	EA	60" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	67.96	
32 93 33 00-0375	EA	1 Gallon Lagerstroemia indica - Crape Myrtle	7.79	
32 93 33 00-0376	EA	5 Gallon Lagerstroemia indica - Crape Myrtle	27.74	
32 93 33 00-0377	EA	3' To 4' Lagerstroemia indica - Crape Myrtle	38.69	
32 93 33 00-0378	EA	4' To 5' Lagerstroemia indica - Crape Myrtle	56.82	
32 93 33 00-0379	EA	5' To 6' Lagerstroemia indica - Crape Myrtle	90.28	
32 93 33 00-0380	EA	7' To 8' Lagerstroemia indica - Crape Myrtle	117.23	
32 93 33 00-0381	EA	9' To 10' Lagerstroemia indica - Crape Myrtle	156.31	
32 93 33 00-0382	EA	11' To 12' Lagerstroemia indica - Crape Myrtle	325.64	
32 93 33 00-0383	EA	1 Gallon Leucothoe axillaris - Coast Leucothoe	11.68	
32 93 33 00-0384	EA	2 Gallon Leucothoe axillaris - Coast Leucothoe	25.55	
32 93 33 00-0385	EA	3 Gallon Leucothoe axillaris - Coast Leucothoe	30.78	
32 93 33 00-0386	EA	1 Gallon Ligustrum lucidum - Glossy Privet	7.18	
32 93 33 00-0387	EA	5 Gallon Ligustrum lucidum - Glossy Privet	22.02	
32 93 33 00-0388	EA	15 Gallon Ligustrum lucidum - Glossy Privet	103.18	
32 93 33 00-0389	EA	1 Gallon Ligustrum sinense - Variegated Chinese Privet	7.18	
32 93 33 00-0390	EA	2 Gallon Ligustrum sinense - Variegated Chinese Privet	15.45	
32 93 33 00-0391	EA	3 Gallon Ligustrum sinense - Variegated Chinese Privet	20.08	
32 93 33 00-0392	EA	36" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	33.98	
32 93 33 00-0393	EA	48" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	49.84	
32 93 33 00-0394	EA	60" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	63.43	
32 93 33 00-0395	EA	72" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	72.49	
32 93 33 00-0396	EA	5 Gallon Lindera benzoin - Spicebush	37.38	
32 93 33 00-0397	EA	36" Balled and Burlapped, Lindera benzoin - Spicebush	31.71	
32 93 33 00-0398	EA	48" Balled and Burlapped, Lindera benzoin - Spicebush	38.51	
32 93 33 00-0399	EA	2' To 3' Lonicera fragrantissima - Winter Honeysuckle	61.93	
32 93 33 00-0400	EA	3' To 4' Lonicera fragrantissima - Winter Honeysuckle	74.83	
32 93 33 00-0401	EA	30" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	33.98	
32 93 33 00-0402	EA	36" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	40.78	
32 93 33 00-0403	EA	42" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	45.31	
32 93 33 00-0404	EA	48" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	49.84	
32 93 33 00-0405	EA	1 Gallon Myrica cerifera - Wax Myrtle	6.51	
32 93 33 00-0406	EA	4 Gallon Myrica cerifera - Wax Myrtle	20.84	
32 93 33 00-0407	EA	7 Gallon Myrica cerifera - Wax Myrtle	45.59	
32 93 33 00-0408	EA	10 Gallon Myrica cerifera - Wax Myrtle	67.73	
32 93 33 00-0409	EA	15 Gallon Myrica cerifera - Wax Myrtle	104.20	
32 93 33 00-0410	EA	45 Gallon Myrica cerifera - Wax Myrtle	312.61	
32 93 33 00-0411	EA	1' - 2' Myrica cerifera - Wax Myrtle	9.12	
32 93 33 00-0412	EA	3' - 4' Myrica cerifera - Wax Myrtle	31.26	
32 93 33 00-0413	EA	5' - 6' Myrica cerifera - Wax Myrtle	57.31	
32 93 33 00-0414	EA	7' - 8' Myrica cerifera - Wax Myrtle	78.15	
32 93 33 00-0415	EA	9' - 10' Myrica cerifera - Wax Myrtle	104.20	
32 93 33 00-0416	EA	11' - 12' Myrica cerifera - Wax Myrtle	158.91	
32 93 33 00-0417	EA	3 Gallon Myrica pensylvanica - Northern Bayberry	33.98	
32 93 33 00-0418	EA	24" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	55.50	
32 93 33 00-0419	EA	30" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	81.55	
32 93 33 00-0420	EA	36" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	97.41	
32 93 33 00-0421	EA	48" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	101.94	
32 93 33 00-0422	EA	1 Gallon Nandina domestica - Heavenly Bamboo	11.68	
32 93 33 00-0423	EA	2 Gallon Nandina domestica - Heavenly Bamboo	25.55	
32 93 33 00-0424	EA	5 Gallon Nandina domestica - Heavenly Bamboo	38.69	
32 93 33 00-0425	EA	1 Gallon Osmanthus fragrans - Fragrant Tea Olive	7.18	
32 93 33 00-0426	EA	3 Gallon Osmanthus fragrans - Fragrant Tea Olive	19.47	
32 93 33 00-0427	EA	1 Gallon Philadelphus - Evergreen Mockorange	9.98	
32 93 33 00-0428	EA	5 Gallon Philadelphus - Evergreen Mockorange	32.37	
32 93 33 00-0429	EA	36" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	33.98	
32 93 33 00-0430	EA	42" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	39.64	
32 93 33 00-0431	EA	48" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	45.31	
32 93 33 00-0432	EA	24" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	33.98	
32 93 33 00-0433	EA	30" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	39.64	
32 93 33 00-0434	EA	36" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	45.31	
32 93 33 00-0435	EA	42" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	56.63	
32 93 33 00-0436	EA	48" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	67.96	
32 93 33 00-0437	EA	12" To 15" Spread Pieris - Mountain Andromeda	31.27	
32 93 33 00-0438	EA	15" To 18" Spread Pieris - Mountain Andromeda	67.04	
32 93 33 00-0439	EA	12" To 15" Pieris japonica - Japanese Andromeda	40.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0440	EA	15" To 18" Pieris japonica - Japanese Andromeda	46.48	
32 93 33 00-0441	EA	18" To 24" Pieris japonica - Japanese Andromeda	58.16	
32 93 33 00-0442	EA	2' To 2-1/2' Pieris japonica - Japanese Andromeda	82.62	
32 93 33 00-0443	EA	2-1/2' To 3' Pieris japonica - Japanese Andromeda	98.07	
32 93 33 00-0444	EA	24" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	34.87	
32 93 33 00-0445	EA	30" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	44.64	
32 93 33 00-0446	EA	36" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	53.70	
32 93 33 00-0447	EA	48" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	69.05	
32 93 33 00-0448	EA	60" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	82.99	
32 93 33 00-0449	EA	72" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	121.35	
32 93 33 00-0450	EA	30" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	75.32	
32 93 33 00-0451	EA	36" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	90.67	
32 93 33 00-0452	EA	48" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	120.66	
32 93 33 00-0453	EA	1 Gallon Pittosporum - Pittosporum	4.30	
32 93 33 00-0454	EA	3 Gallon Pittosporum - Pittosporum	11.07	
32 93 33 00-0455	EA	1 Gallon Pittosporum - Varigated Pittosporum	4.30	
32 93 33 00-0456	EA	3 Gallon Pittosporum - Varigated Pittosporum	11.07	
32 93 33 00-0457	EA	5 Gallon Pittosporum - Varigated Pittosporum	19.41	
32 93 33 00-0458	EA	1 Gallon Podocarpus macrophyllus - Yew Podocarpus	5.21	
32 93 33 00-0459	EA	3 Gallon Podocarpus macrophyllus - Yew Podocarpus	15.63	
32 93 33 00-0460	EA	2 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	19.26	
32 93 33 00-0461	EA	5 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	27.18	
32 93 33 00-0462	EA	18" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	20.39	
32 93 33 00-0463	EA	24" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	22.65	
32 93 33 00-0464	EA	30" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	32.85	
32 93 33 00-0465	EA	36" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	37.94	
32 93 33 00-0466	EA	1 Gallon Prunus caroliniana - Carolina Cherry Laurel	4.79	
32 93 33 00-0467	EA	5 Gallon Prunus caroliniana - Carolina Cherry Laurel	11.99	
32 93 33 00-0468	EA	15 Gallon Prunus caroliniana - Carolina Cherry Laurel	71.48	
32 93 33 00-0469	EA	15" To 18" Prunus laurocerasus - Cherry Laurel	18.28	
32 93 33 00-0470	EA	18" To 24" Prunus laurocerasus - Cherry Laurel	22.63	
32 93 33 00-0471	EA	24" To 30" Prunus laurocerasus - Cherry Laurel	29.44	
32 93 33 00-0472	EA	15" To 18" Prunus triloba - Double White Flowering Almond	16.33	
32 93 33 00-0473	EA	18" To 24" Prunus triloba - Double White Flowering Almond	20.90	
32 93 33 00-0474	EA	3' To 4' Prunus triloba - Double White Flowering Almond	33.34	
32 93 33 00-0475	EA	4' To 6' Prunus triloba - Double White Flowering Almond	66.76	
32 93 33 00-0476	EA	5 Gallon Prunus triloba - Pink Flowering Almond	20.08	
32 93 33 00-0477	EA	18" To 24" Prunus triloba - Pink Flowering Almond	22.55	
32 93 33 00-0478	EA	2' To 3' Prunus triloba - Pink Flowering Almond	26.22	
32 93 33 00-0479	EA	2' To 3' Prunus virginiana - Brilliant Chokeberry	17.83	
32 93 33 00-0480	EA	3' To 4' Prunus virginiana - Brilliant Chokeberry	21.88	
32 93 33 00-0481	EA	4' To 5' Prunus virginiana - Brilliant Chokeberry	26.22	
32 93 33 00-0482	EA	5' To 6' Prunus virginiana - Brilliant Chokeberry	30.04	
32 93 33 00-0483	EA	1 Gallon Punica granatum - Dwarf Pomegranate	7.67	
32 93 33 00-0484	EA	3 Gallon Punica granatum - Dwarf Pomegranate	22.63	
32 93 33 00-0485	EA	7 Gallon Punica granatum - Dwarf Pomegranate	46.48	
32 93 33 00-0486	EA	1 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	9.73	
32 93 33 00-0487	EA	5 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	32.37	
32 93 33 00-0488	EA	5 Gallon Espalier Pyracantha koidzumi "Santa Cruz" - Pyracantha	67.04	
32 93 33 00-0489	EA	1 Gallon Ralphiolepis indica - Indian Hawthorne	7.79	
32 93 33 00-0490	EA	2 Gallon Ralphiolepis indica - Indian Hawthorne	14.84	
32 93 33 00-0491	EA	5 Gallon Ralphiolepis indica - Indian Hawthorne	26.41	
32 93 33 00-0492	EA	1 Gallon Rhamnus californica - Coffeeberry	11.84	
32 93 33 00-0493	EA	5 Gallon Rhamnus californica - Coffeeberry	33.85	
32 93 33 00-0494	EA	15 Gallon Rhamnus californica - Coffeeberry	101.58	
32 93 33 00-0495	EA	4' To 5' Rhamnus frangula "Columnaris" - Tallhedge	59.38	
32 93 33 00-0496	EA	5' To 6' Rhamnus frangula "Columnaris" - Tallhedge	81.40	
32 93 33 00-0497	EA	6' To 8' Rhamnus frangula "Columnaris" - Tallhedge	105.86	
32 93 33 00-0498	EA	10' To 12' Rhamnus frangula "Columnaris" - Tallhedge	193.59	
32 93 33 00-0499	EA	1 Gallon Rhododendron - Azalea Evergreen Hybrids	12.65	
32 93 33 00-0500	EA	2 Gallon Rhododendron - Azalea Evergreen Hybrids	25.55	
32 93 33 00-0501	EA	3 Gallon Rhododendron - Azalea Evergreen Hybrids	33.34	
32 93 33 00-0502	EA	5 Gallon Rhododendron - Azalea Evergreen Hybrids	38.69	
32 93 33 00-0503	EA	15" To 18" Rhododendron - Azalea Evergreen Hybrids	45.26	
32 93 33 00-0504	EA	18" To 24" Rhododendron - Azalea Evergreen Hybrids	56.82	
32 93 33 00-0505	EA	2' To 2-1/2' Rhododendron - Azalea Evergreen Hybrids	82.62	
32 93 33 00-0506	EA	2-1/2' To 3' Rhododendron - Azalea Evergreen Hybrids	116.08	
32 93 33 00-0507	EA	1 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	14.24	
32 93 33 00-0508	EA	2 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	25.55	
32 93 33 00-0509	EA	15' To 18' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	43.93	
32 93 33 00-0510	EA	18" To 24" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	56.82	
32 93 33 00-0511	EA	2' To 3' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	82.62	
32 93 33 00-0512	EA	3' To 4' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	121.31	
32 93 33 00-0513	EA	4' To 5' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	162.56	
32 93 33 00-0514	EA	5 Gallon Rhododendron - Boxleaf Azara	32.37	
32 93 33 00-0515	EA	15 Gallon Rhododendron - Boxleaf Azara	116.08	
32 93 33 00-0516	EA	15" To 18" Rhododendron - Carolina Rhododendron	36.63	
32 93 33 00-0517	EA	18" To 24" Rhododendron - Carolina Rhododendron	64.49	
32 93 33 00-0518	EA	24" To 30" Rhododendron - Carolina Rhododendron	95.52	
32 93 33 00-0519	EA	2' To 3' Rhododendron - Five-leafed Azalea	43.44	
32 93 33 00-0520	EA	3' To 4' Rhododendron - Five-leafed Azalea	56.82	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0521	EA	4' To 5' Rhododendron - Five-leafed Azalea	74.83	
32 93 33 00-0522	EA	15" To 18" Rhododendron - Ghent Azalea	43.44	
32 93 33 00-0523	EA	18" To 24" Rhododendron - Ghent Azalea	54.15	
32 93 33 00-0524	EA	2' To 3' Rhododendron - Ghent Azalea	87.73	
32 93 33 00-0525	EA	3' To 4' Rhododendron - Ghent Azalea	121.31	
32 93 33 00-0526	EA	4' To 5' Rhododendron - Ghent Azalea	162.56	
32 93 33 00-0527	EA	5' To 6' Rhododendron - Ghent Azalea	216.83	
32 93 33 00-0528	EA	1 Gallon Rhododendron - Hybrid Rhododendron	14.24	
32 93 33 00-0529	EA	2 Gallon Rhododendron - Hybrid Rhododendron	30.78	
32 93 33 00-0530	EA	3 Gallon Rhododendron - Hybrid Rhododendron	43.68	
32 93 33 00-0531	EA	5 Gallon Rhododendron - Hybrid Rhododendron	48.79	
32 93 33 00-0532	EA	15" To 18" Rhododendron - Hybrid Rhododendron	41.25	
32 93 33 00-0533	EA	18" To 24" Rhododendron - Hybrid Rhododendron	56.82	
32 93 33 00-0534	EA	24" To 30" Rhododendron - Hybrid Rhododendron	77.39	
32 93 33 00-0535	EA	30" To 36" Rhododendron - Hybrid Rhododendron	90.29	
32 93 33 00-0536	EA	36" To 42" Rhododendron - Hybrid Rhododendron	129.10	
32 93 33 00-0537	EA	42" To 48" Rhododendron - Hybrid Rhododendron	160.01	
32 93 33 00-0538	EA	15" To 18" Rhododendron - Pjm Rhododendron	46.48	
32 93 33 00-0539	EA	18" To 24" Rhododendron - Pjm Rhododendron	56.82	
32 93 33 00-0540	EA	2' To 2-1/2' Rhododendron - Pjm Rhododendron	82.62	
32 93 33 00-0541	EA	2-1/2 To 3' Rhododendron - Pjm Rhododendron	105.86	
32 93 33 00-0542	EA	3' To 3-1/2' Rhododendron - Pjm Rhododendron	129.10	
32 93 33 00-0543	EA	12" To 15" Rhododendron - Torch Azalea	36.14	
32 93 33 00-0544	EA	15" To 18" Rhododendron - Torch Azalea	43.44	
32 93 33 00-0545	EA	18" To 24" Rhododendron - Torch Azalea	54.15	
32 93 33 00-0546	EA	2' To 3' Rhododendron - Torch Azalea	90.29	
32 93 33 00-0547	EA	3 Gallon Rhododendron cvs - Lepidote Rhododendron	40.78	
32 93 33 00-0548	EA	5 Gallon Rhododendron cvs - Lepidote Rhododendron	49.84	
32 93 33 00-0549	EA	18" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	61.16	
32 93 33 00-0550	EA	24" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	77.02	
32 93 33 00-0551	EA	30" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	90.61	
32 93 33 00-0552	EA	36" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	108.73	
32 93 33 00-0553	EA	1 Gallon Rhus glabra - Dwarf Smooth Sumac	11.68	
32 93 33 00-0554	EA	5 Gallon Rhus glabra - Dwarf Smooth Sumac	32.37	
32 93 33 00-0555	EA	2 Gallon Rhus aromatica & cvs - Fragrant Sumac	27.18	
32 93 33 00-0556	EA	5 Gallon Rhus aromatica & cvs - Fragrant Sumac	37.38	
32 93 33 00-0557	EA	18" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac	43.04	
32 93 33 00-0558	EA	24" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac	56.63	
32 93 33 00-0559	EA	36" Balled and Burlapped, Rhus glabra - Smooth Sumac	33.98	
32 93 33 00-0560	EA	48" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac	56.63	
32 93 33 00-0561	EA	72" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac	90.61	
32 93 33 00-0562	EA	15" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	30.58	
32 93 33 00-0563	EA	18" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	35.11	
32 93 33 00-0564	EA	24" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	50.97	
32 93 33 00-0565	EA	30" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	67.96	
32 93 33 00-0566	EA	1 Gallon Rosa hybrids & cvs - Shrub Rose	18.69	
32 93 33 00-0567	EA	2 Gallon Rosa hybrids & cvs - Shrub Rose	22.65	
32 93 33 00-0568	EA	3 Gallon Rosa hybrids & cvs - Shrub Rose	28.32	
32 93 33 00-0569	EA	2 Gallon Rosa rugosa & cvs - Rugosa Rose	20.39	
32 93 33 00-0570	EA	3 Gallon Rosa rugosa & cvs - Rugosa Rose	26.05	
32 93 33 00-0571	EA	5 Gallon Sambucus canadensis - American Elder	37.38	
32 93 33 00-0572	EA	2 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	16.79	
32 93 33 00-0573	EA	3 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	24.58	
32 93 33 00-0574	EA	1 Gallon Sarcococca humilis - Fragrant Sarcococca	9.13	
32 93 33 00-0575	EA	5 Gallon Sarcococca humilis - Fragrant Sarcococca	23.85	
32 93 33 00-0576	EA	1 Gallon Skimmia japonica - Japanese Skimmia	11.68	
32 93 33 00-0577	EA	2 Gallon Skimmia japonica - Japanese Skimmia	23.24	
32 93 33 00-0578	EA	5 Gallon Skimmia japonica - Japanese Skimmia	37.48	
32 93 33 00-0579	EA	3' To 4' Spiraea - Garland Spirea	54.15	
32 93 33 00-0580	EA	4' To 5' Spiraea - Garland Spirea	82.62	
32 93 33 00-0581	EA	5 Gallon Spiraea - Snowmound Spirea	32.37	
32 93 33 00-0582	EA	18" To 24" Spiraea - Snowmound Spirea	26.53	
32 93 33 00-0583	EA	2' To 3' Spiraea - Snowmound Spirea	37.48	
32 93 33 00-0584	EA	3' To 4' Spiraea - Snowmound Spirea	43.44	
32 93 33 00-0585	EA	4' To 5' Spiraea - Snowmound Spirea	74.83	
32 93 33 00-0586	EA	1 Gallon Spiraea japonica & cvs - Japanese Spirea	11.68	
32 93 33 00-0587	EA	2 Gallon Spiraea japonica & cvs - Japanese Spirea	23.00	
32 93 33 00-0588	EA	3 Gallon Spiraea japonica & cvs - Japanese Spirea	26.62	
32 93 33 00-0589	EA	5 Gallon Spiraea japonica & cvs - Japanese Spirea	28.88	
32 93 33 00-0590	EA	18" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	29.45	
32 93 33 00-0591	EA	24" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	33.98	
32 93 33 00-0592	EA	30" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	38.51	
32 93 33 00-0593	EA	36" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	44.74	
32 93 33 00-0594	EA	2 Gallon Spiraea nipponica & cvs - Nippon Spiraea	18.12	
32 93 33 00-0595	EA	5 Gallon Spiraea nipponica & cvs - Nippon Spiraea	27.18	
32 93 33 00-0596	EA	18" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	24.92	
32 93 33 00-0597	EA	24" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	29.45	
32 93 33 00-0598	EA	30" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	33.98	
32 93 33 00-0599	EA	36" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	38.51	
32 93 33 00-0600	EA	48" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	49.84	
32 93 33 00-0601	EA	1 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	11.68	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0602	EA	2 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	20.95	
32 93 33 00-0603	EA	4 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	27.18	
32 93 33 00-0604	EA	18" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	23.79	
32 93 33 00-0605	EA	24" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	28.88	
32 93 33 00-0606	EA	30" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	33.98	
32 93 33 00-0607	EA	36" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	38.51	
32 93 33 00-0608	EA	5 Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spirea	27.18	
32 93 33 00-0609	EA	18" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	27.18	
32 93 33 00-0610	EA	24" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	31.71	
32 93 33 00-0611	EA	30" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	43.04	
32 93 33 00-0612	EA	36" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	49.84	
32 93 33 00-0613	EA	42" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	58.90	
32 93 33 00-0614	EA	5 Gallon Staphylea trifolia - Bladdernut	38.24	
32 93 33 00-0615	EA	2 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	27.18	
32 93 33 00-0616	EA	5 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	29.45	
32 93 33 00-0617	EA	24" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanadra	33.98	
32 93 33 00-0618	EA	30" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanadra	40.78	
32 93 33 00-0619	EA	2 Gallon Symphoricarpos albus - Common Snowberry	28.32	
32 93 33 00-0620	EA	5 Gallon Symphoricarpos albus - Common Snowberry	30.02	
32 93 33 00-0621	EA	24" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	49.84	
32 93 33 00-0622	EA	30" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	62.30	
32 93 33 00-0623	EA	36" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	72.49	
32 93 33 00-0624	EA	42" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	83.82	
32 93 33 00-0625	EA	18" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	49.84	
32 93 33 00-0626	EA	24" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	54.37	
32 93 33 00-0627	EA	30" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	62.30	
32 93 33 00-0628	EA	36" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	72.49	
32 93 33 00-0629	EA	42" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	83.82	
32 93 33 00-0630	EA	60" Balled and Burlapped, Syringa villosa & cvs - Late Lilac	39.64	
32 93 33 00-0631	EA	72" Balled and Burlapped, Syringa villosa & cvs - Late Lilac	43.04	
32 93 33 00-0632	EA	36" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	33.98	
32 93 33 00-0633	EA	42' Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	38.51	
32 93 33 00-0634	EA	48" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	43.04	
32 93 33 00-0635	EA	60" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	49.84	
32 93 33 00-0636	EA	72" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	61.16	
32 93 33 00-0637	EA	5 Gallon Syringa x chinensis & cvs - Chinese Lilac	28.32	
32 93 33 00-0638	EA	36" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac	32.85	
32 93 33 00-0639	EA	48" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac	43.04	
32 93 33 00-0640	EA	48" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	180.09	
32 93 33 00-0641	EA	54" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	201.61	
32 93 33 00-0642	EA	60" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	222.00	
32 93 33 00-0643	EA	72" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	267.31	
32 93 33 00-0644	EA	18" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	47.57	
32 93 33 00-0645	EA	24" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	62.30	
32 93 33 00-0646	EA	30" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	72.49	
32 93 33 00-0647	EA	36" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	79.29	
32 93 33 00-0648	EA	15" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	47.57	
32 93 33 00-0649	EA	18" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	62.30	
32 93 33 00-0650	EA	24" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	73.62	
32 93 33 00-0651	EA	30" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	87.21	
32 93 33 00-0652	EA	36" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	131.39	
32 93 33 00-0653	EA	36" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	72.49	
32 93 33 00-0654	EA	48" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	97.41	
32 93 33 00-0655	EA	60" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	147.24	
32 93 33 00-0656	EA	72" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	215.20	
32 93 33 00-0657	EA	84" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	246.92	
32 93 33 00-0658	EA	96" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	286.56	
32 93 33 00-0659	EA	15" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	31.71	
32 93 33 00-0660	EA	18" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	44.17	
32 93 33 00-0661	EA	24" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	62.30	
32 93 33 00-0662	EA	3' To 4' Viburnum dilatatum - Linden Viburnum	54.15	
32 93 33 00-0663	EA	4' To 5' Viburnum dilatatum - Linden Viburnum	82.62	
32 93 33 00-0664	EA	5' To 6' Viburnum dilatatum - Linden Viburnum	108.42	
32 93 33 00-0665	EA	1 Gallon Viburnum japonicum - Japanese Viburnum	6.57	
32 93 33 00-0666	EA	3 Gallon Viburnum japonicum - Japanese Viburnum	18.01	
32 93 33 00-0667	EA	5 Gallon Viburnum plicatum - Japanese Snowball	32.37	
32 93 33 00-0668	EA	5' To 6' Viburnum plicatum - Japanese Snowball	121.31	
32 93 33 00-0669	EA	2' To 3' Viburnum rhytidophyllum - Leatherleaf Viburnum	56.82	
32 93 33 00-0670	EA	3' To 4' Viburnum rhytidophyllum - Leatherleaf Viburnum	67.04	
32 93 33 00-0671	EA	4' To 5' Viburnum rhytidophyllum - Leatherleaf Viburnum	94.30	
32 93 33 00-0672	EA	30" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum	62.30	
32 93 33 00-0673	EA	36" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum	74.76	
32 93 33 00-0674	EA	24" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	56.63	
32 93 33 00-0675	EA	30" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	67.96	
32 93 33 00-0676	EA	36" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	79.29	
32 93 33 00-0677	EA	42" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	90.61	
32 93 33 00-0678	EA	36" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	31.71	
32 93 33 00-0679	EA	42" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	33.98	
32 93 33 00-0680	EA	48" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	39.64	
32 93 33 00-0681	EA	60" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	45.31	
32 93 33 00-0682	EA	72" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	49.84	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0683	EA	30" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	30.58	
32 93 33 00-0684	EA	36" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	33.98	
32 93 33 00-0685	EA	42" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	43.04	
32 93 33 00-0686	EA	48" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	49.84	
32 93 33 00-0687	EA	60" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	67.96	
32 93 33 00-0688	EA	72" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	81.55	
32 93 33 00-0689	EA	36" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	33.98	
32 93 33 00-0690	EA	48" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	45.31	
32 93 33 00-0691	EA	5' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	56.63	
32 93 33 00-0692	EA	6' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	79.29	
32 93 33 00-0693	EA	7' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	113.27	
32 93 33 00-0694	EA	8' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	158.57	
32 93 33 00-0695	EA	9' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	203.88	
32 93 33 00-0696	EA	30" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	40.78	
32 93 33 00-0697	EA	36" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	45.31	
32 93 33 00-0698	EA	36" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	81.55	
32 93 33 00-0699	EA	48" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	124.59	
32 93 33 00-0700	EA	60" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	158.57	
32 93 33 00-0701	EA	72" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	192.55	
32 93 33 00-0702	EA	84" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	237.86	
32 93 33 00-0703	EA	96" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	283.16	
32 93 33 00-0704	EA	108" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	339.80	
32 93 33 00-0705	EA	120" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	396.43	
32 93 33 00-0706	EA	30" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	34.55	
32 93 33 00-0707	EA	36" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	37.94	
32 93 33 00-0708	EA	48" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	43.04	
32 93 33 00-0709	EA	60" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	49.84	
32 93 33 00-0710	EA	72" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	57.20	
32 93 33 00-0711	EA	18" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	32.85	
32 93 33 00-0712	EA	24" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	39.64	
32 93 33 00-0713	EA	30" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	47.57	
32 93 33 00-0714	EA	36" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	54.37	
32 93 33 00-0715	EA	42" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	65.69	
32 93 33 00-0716	EA	48" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	72.49	
32 93 33 00-0717	EA	30" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	56.63	
32 93 33 00-0718	EA	36" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	67.96	
32 93 33 00-0719	EA	42" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	79.29	
32 93 33 00-0720	EA	48" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	90.61	
32 93 33 00-0721	EA	60" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	101.94	
32 93 33 00-0722	EA	30" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	72.49	
32 93 33 00-0723	EA	36" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	81.55	
32 93 33 00-0724	EA	42" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	92.88	
32 93 33 00-0725	EA	48" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	106.47	
32 93 33 00-0726	EA	2' To 3' Viburum opulus "Roseum" - Fragrant Snowball	67.04	
32 93 33 00-0727	EA	3' To 4' Viburum opulus "Roseum" - Fragrant Snowball	82.62	
32 93 33 00-0728	EA	4' To 5' Viburum opulus "Roseum" - Fragrant Snowball	121.31	
32 93 33 00-0729	EA	5 Gallon Weigela florida & cvs - Old Fashioned Weigela	37.38	
32 93 33 00-0730	EA	24" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	33.98	
32 93 33 00-0731	EA	30" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	38.51	
32 93 33 00-0732	EA	36" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	43.04	
32 93 33 00-0733	EA	42" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	49.84	
32 93 33 00-0734	EA	48" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	56.63	
32 93 33 00-0735	EA	1 Gallon Xylosma congestum - Shiny Xylosma	7.79	
32 93 33 00-0736	EA	5 Gallon Xylosma congestum - Shiny Xylosma	22.02	
32 93 33 00-0737	EA	15 Gallon Xylosma congestum - Shiny Xylosma	96.86	
32 93 33 00-0738	EA	1 Gallon Yucca aloifolia - Spanish Bayonet	6.57	
32 93 33 00-0739	EA	3 Gallon Yucca aloifolia - Spanish Bayonet	17.40	
32 93 33 00-0740	EA	1 Gallon Yucca filamentosa - Adams Needle	9.13	
32 93 33 00-0741	EA	3 Gallon Yucca filamentosa - Adams Needle	17.76	
32 93 33 00-0742	EA	5 Gallon Yucca filamentosa - Adams Needle	28.11	
32 93 33 00-0743	EA	5 Gallon Border Forsythia - Goldenbells	31.27	
32 93 33 00-0744	EA	2' To 3' Border Forsythia - Goldenbells	25.80	
32 93 33 00-0745	EA	3' To 4' Border Forsythia - Goldenbells	32.61	
32 93 33 00-0746	EA	4' To 5' Border Forsythia - Goldenbells	40.64	
32 93 33 00-0747	EA	5' To 6' Border Forsythia - Goldenbells	48.79	
32 93 33 00-0748	EA	6' To 8' Border Forsythia - Goldenbells	67.04	
32 93 33 00-0749	EA	3' Juniperus chinensis - Columnar Chinese Juniper	66.43	
32 93 33 00-0750	EA	4' Juniperus chinensis - Columnar Chinese Juniper	91.18	
32 93 33 00-0751	EA	5' Juniperus chinensis - Columnar Chinese Juniper	143.28	
32 93 33 00-0752	EA	6' Juniperus chinensis - Columnar Chinese Juniper	166.73	
32 93 33 00-0753	EA	7' Juniperus chinensis - Columnar Chinese Juniper	218.83	
32 93 33 00-0754	EA	2 Gallon Chrysobalanus icaco - Cocoplum Red Tip	13.03	
32 93 33 00-0755	EA	3 Gallon Chrysobalanus icaco - Cocoplum Red Tip	18.24	
32 93 33 00-0756	EA	5 Gallon Chrysobalanus icaco - Cocoplum Red Tip	44.16	
32 93 33 00-0757	EA	2 Gallon Chrysobalanus icaco - Cocoplum Green Tip	13.03	
32 93 33 00-0758	EA	3 Gallon Chrysobalanus icaco - Cocoplum Green Tip	18.24	
32 93 33 00-0759	EA	Beile Poitvine Roses	52.10	
32 93 33 00-0760	EA	3 Gallon Bird Of Paradise	23.45	
32 93 33 00-0761	EA	5 Gallon Bird Of Paradise	36.47	
32 93 33 00-0762	EA	7 Gallon Bird Of Paradise	49.50	
32 93 33 00-0763	EA	10 Gallon Bird Of Paradise	98.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0764	EA	18" Bonica Roses	59.92	
32 93 33 00-0765	EA	1 Gallon Burmese Grape	10.42	
32 93 33 00-0766	EA	5 Gallon Burmese Grape	28.66	
32 93 33 00-0767	EA	15 Gallon Burmese Grape	106.81	
32 93 33 00-0768	EA	6" To 9" Canby Paxistima	20.84	
32 93 33 00-0769	EA	9" To 12" Canby Paxistima	26.05	
32 93 33 00-0770	EA	12" To 15" Canby Paxistima	33.67	
32 93 33 00-0771	EA	5 Gallon Chastetree	36.47	
32 93 33 00-0772	EA	3' Chinese Lilac	52.10	
32 93 33 00-0773	EA	4' Chinese Lilac	65.13	
32 93 33 00-0774	EA	5' Chinese Lilac	88.57	
32 93 33 00-0775	EA	1 Gallon Christmas Berry	13.03	
32 93 33 00-0776	EA	2 Gallon Christmas Berry	28.66	
32 93 33 00-0777	EA	5 Gallon Christmas Berry	41.68	
32 93 33 00-0778	EA	15 Gallon Christmas Berry	192.78	
32 93 33 00-0779	EA	1 Gallon Concha Wild Lilac	10.42	
32 93 33 00-0780	EA	5 Gallon Concha Wild Lilac	26.05	
32 93 33 00-0781	EA	1 Gallon Flower Carpet Roses	26.05	
32 93 33 00-0782	EA	3 Gallon Flower Carpet Roses	49.50	
32 93 33 00-0783	EA	Goldfinger Potentillas	41.68	
32 93 33 00-0784	EA	Green Mound Alpine Currents	52.10	
32 93 33 00-0785	EA	24" Gro-Low Sumacs	52.10	
32 93 33 00-0786	EA	3 Gallon Heliconia	23.45	
32 93 33 00-0787	EA	1' Ibolium Private	2.61	
32 93 33 00-0788	EA	2' Ibolium Private	10.42	
32 93 33 00-0789	EA	3' Ibolium Private	18.24	
32 93 33 00-0790	EA	5 Gallon Japanese Privit	28.66	
32 93 33 00-0791	EA	24" Spirea - Little Princess	54.71	
32 93 33 00-0792	EA	2' Longstalk Holly	52.10	
32 93 33 00-0793	EA	2-1/2' Longstalk Holly	70.34	
32 93 33 00-0794	EA	3' Longstalk Holly	88.57	
32 93 33 00-0795	EA	3-1/2' Longstalk Holly	98.99	
32 93 33 00-0796	EA	3 Gallon Low Dense Pyracantha	26.05	
32 93 33 00-0797	EA	1 Gallon Pacific Wax Myrtle	7.82	
32 93 33 00-0798	EA	5 Gallon Pacific Wax Myrtle	26.05	
32 93 33 00-0799	EA	1 Gallon Red Escallonia	7.82	
32 93 33 00-0800	EA	5 Gallon Red Escallonia	26.05	
32 93 33 00-0801	EA	15 Gallon Red Escallonia	106.81	
32 93 33 00-0802	EA	24" Smooth Hydrangeas	62.52	
32 93 33 00-0803	EA	15" To 18" Somerset Burkwood Daphne	41.68	
32 93 33 00-0804	EA	18" To 24" Somerset Burkwood Daphne	54.71	
32 93 33 00-0805	EA	1 Gallon Spring Bouquet Laurustinis	7.82	
32 93 33 00-0806	EA	5 Gallon Spring Bouquet Laurustinis	28.66	
32 93 33 00-0807	EA	15" To 18" Summersweet	31.26	
32 93 33 00-0808	EA	18" To 24" Summersweet	36.47	
32 93 33 00-0809	EA	2' Sweet Shrubs	41.68	
32 93 33 00-0810	EA	3' Sweet Shrubs	54.71	
32 93 33 00-0811	EA	1 Gallon Variegated Silverberry	7.82	
32 93 33 00-0812	EA	3 Gallon Variegated Silverberry	18.24	
32 93 33 00-0813	EA	15 Gallon Variegated Silverberry	106.81	
32 93 33 00-0814	EA	1 Gallon Variegated Winter Daphne	13.03	
32 93 33 00-0815	EA	5 Gallon Variegated Winter Daphne	41.68	
32 93 33 00-0816	EA	15 Gallon Variegated Winter Daphne	192.78	
32 93 33 00-0817	EA	2' To 3' Virginia Sweetspire	91.18	
32 93 33 00-0818	EA	1 Gallon Warminster Broom	13.03	
32 93 33 00-0819	EA	2 Gallon Warminster Broom	26.05	
32 93 33 00-0820	EA	5 Gallon Warminster Broom	36.47	
32 93 33 00-0821	EA	1 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	8.01	
32 93 33 00-0822	EA	5 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	24.66	
32 93 33 00-0823	EA	15 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	80.14	
32 93 33 00-0824	EA	1 Gallon Dendromecon harfordii - Island Bush Poppy	20.55	
32 93 33 00-0825	EA	5 Gallon Dendromecon harfordii - Island Bush Poppy	51.37	
32 93 33 00-0826	EA	5 Gallon Senna artemisioides - Feathery Cassia	24.66	
32 93 33 00-0827	EA	15 Gallon Senna artemisioides - Feathery Cassia	98.12	
32 93 33 00-0828	EA	24" Box Senna artemisioides - Feathery Cassia	308.22	

32 93 43 Trees *(32 93)*

Note: (cvs = cultivar) materials only. See CSI section 32 93 83 00-0001 for installation and planting of trees.

32 93 43 00-0001 Deciduous Ornamental Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0002	EA	6' Clump Form Acer ginnala & cvs - Amur Maple	311.80	
32 93 43 00-0003	EA	7' Clump Form Acer ginnala & cvs - Amur Maple	381.09	
32 93 43 00-0004	EA	8' Clump Form Acer ginnala & cvs - Amur Maple	433.05	
32 93 43 00-0005	EA	10' Clump Form Acer ginnala & cvs - Amur Maple	502.34	
32 93 43 00-0006	EA	12' Clump Form Acer ginnala & cvs - Amur Maple	571.63	
32 93 43 00-0007	EA	14' Clump Form Acer ginnala & cvs - Amur Maple	675.56	
32 93 43 00-0008	EA	1-1/2" To 2" Caliper Acer griseum - Paperbark Maple	236.13	
32 93 43 00-0009	EA	2" To 2-1/2" Caliper Acer griseum - Paperbark Maple	1,108.62	
32 93 43 00-0010	EA	2-1/2" To 3" Caliper Acer griseum - Paperbark Maple	1,385.77	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0011	EA	5' Clump Form Acer griseum - Paperbark Maple	277.15	
32 93 43 00-0012	EA	1-1/2" Caliper Aesculus californica - California Buckeye	692.89	
32 93 43 00-0013	EA	2" Caliper Aesculus californica - California Buckeye	900.75	
32 93 43 00-0014	EA	2-1/2" Caliper Aesculus californica - California Buckeye	1,039.33	
32 93 43 00-0015	EA	3" Caliper Aesculus californica - California Buckeye	1,177.91	
32 93 43 00-0016	EA	3-1/2" Caliper Aesculus californica - California Buckeye	1,385.77	
32 93 43 00-0017	EA	6' Albizia julibrissin - Silk Tree	690.77	
32 93 43 00-0018	EA	8' Albizia julibrissin - Silk Tree	921.02	
32 93 43 00-0019	EA	10' Albizia julibrissin - Silk Tree	1,151.28	
32 93 43 00-0020	EA	12' Albizia julibrissin - Silk Tree	1,381.54	
32 93 43 00-0021	EA	36" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	90.61	
32 93 43 00-0022	EA	48" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	113.27	
32 93 43 00-0023	EA	60" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	140.45	
32 93 43 00-0024	EA	60" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	113.27	
32 93 43 00-0025	EA	72" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	135.92	
32 93 43 00-0026	EA	7' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	158.57	
32 93 43 00-0027	EA	8' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	181.22	
32 93 43 00-0028	EA	5' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	203.88	
32 93 43 00-0029	EA	6' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	226.53	
32 93 43 00-0030	EA	7' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	260.51	
32 93 43 00-0031	EA	8' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	294.49	
32 93 43 00-0032	EA	9' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	339.80	
32 93 43 00-0033	EA	1-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	346.44	
32 93 43 00-0034	EA	2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	485.02	
32 93 43 00-0035	EA	2-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	519.67	
32 93 43 00-0036	EA	3" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	606.28	
32 93 43 00-0037	EA	6' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	433.05	
32 93 43 00-0038	EA	7' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	519.67	
32 93 43 00-0039	EA	8' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	606.28	
32 93 43 00-0040	EA	10' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	692.89	
32 93 43 00-0041	EA	12' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	779.50	
32 93 43 00-0042	EA	14' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	866.11	
32 93 43 00-0043	EA	7' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	260.51	
32 93 43 00-0044	EA	8' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	305.82	
32 93 43 00-0045	EA	9' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	351.12	
32 93 43 00-0046	EA	10' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	385.10	
32 93 43 00-0047	EA	30" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	90.61	
32 93 43 00-0048	EA	48" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	192.55	
32 93 43 00-0049	EA	60" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	249.18	
32 93 43 00-0050	EA	2' To 4' Amelemchier - Juneberry	27.58	
32 93 43 00-0051	EA	4' To 5' Amelemchier - Juneberry	28.93	
32 93 43 00-0052	EA	5' To 6' Amelemchier - Juneberry	34.45	
32 93 43 00-0053	EA	6' To 8' Amelemchier - Juneberry	41.10	
32 93 43 00-0054	EA	15 Gallon Chilopsis linearis - Desert Willow	57.68	
32 93 43 00-0055	EA	24" Box Chilopsis linearis - Desert Willow	185.74	
32 93 43 00-0056	EA	36" Box Chilopsis linearis - Desert Willow	488.79	
32 93 43 00-0057	EA	15 Gallon Chionanthus retusus - Chinese Fringe Tree	57.68	
32 93 43 00-0058	EA	24" Box Chionanthus retusus - Chinese Fringe Tree	156.41	
32 93 43 00-0059	EA	36" Box Chionanthus retusus - Chinese Fringe Tree	537.67	
32 93 43 00-0060	EA	1-1/2" Caliper Arbutus menziesii - Madrona	500.56	
32 93 43 00-0061	EA	2" Caliper Arbutus menziesii - Madrona	650.72	
32 93 43 00-0062	EA	2-1/2" Caliper Arbutus menziesii - Madrona	750.83	
32 93 43 00-0063	EA	3" Caliper Arbutus menziesii - Madrona	850.95	
32 93 43 00-0064	EA	3-1/2" Caliper Arbutus menziesii - Madrona	1,001.11	
32 93 43 00-0065	EA	1 Gallon Arbutus 'Marina' - Marina Strawberry Tree	6.35	
32 93 43 00-0066	EA	5 Gallon Arbutus 'Marina' - Marina Strawberry Tree	23.95	
32 93 43 00-0067	EA	15 Gallon Arbutus 'Marina' - Marina Strawberry Tree	77.23	
32 93 43 00-0068	EA	24" Box Arbutus 'Marina' - Marina Strawberry Tree	185.74	
32 93 43 00-0069	EA	36" Box Arbutus 'Marina' - Marina Strawberry Tree	597.41	
32 93 43 00-0070	EA	1 Gallon Arbutus unedo - Strawberry Tree	5.87	
32 93 43 00-0071	EA	5 Gallon Arbutus unedo - Strawberry Tree	17.60	
32 93 43 00-0072	EA	15 Gallon Arbutus unedo - Strawberry Tree	77.23	
32 93 43 00-0073	EA	24" Box Arbutus unedo - Strawberry Tree	185.74	
32 93 43 00-0074	EA	36" Box Arbutus unedo - Strawberry Tree	537.67	
32 93 43 00-0075	EA	3' Clump Form Asimina triloba - Paw-Paw	242.51	
32 93 43 00-0076	EA	4' Clump Form Asimina triloba - Paw-Paw	277.15	
32 93 43 00-0077	EA	5' Clump Form Asimina triloba - Paw-Paw	381.09	
32 93 43 00-0078	EA	6' Brachychiton acerifolius - Flame Tree	690.77	
32 93 43 00-0079	EA	8' Brachychiton acerifolius - Flame Tree	921.02	
32 93 43 00-0080	EA	10' Brachychiton acerifolius - Flame Tree	1,151.28	
32 93 43 00-0081	EA	12' Brachychiton acerifolius - Flame Tree	1,381.54	
32 93 43 00-0082	EA	1 Gallon Callistemon salignus - White BottleBrush	3.42	
32 93 43 00-0083	EA	5 Gallon Callistemon salignus - White BottleBrush	9.78	
32 93 43 00-0084	EA	15 Gallon Callistemon salignus - White BottleBrush	38.13	
32 93 43 00-0085	EA	24" Box Callistemon salignus - White BottleBrush	156.41	
32 93 43 00-0086	EA	5 Gallon Calodendrum capense - Cape Chestnut	43.17	
32 93 43 00-0087	EA	15 Gallon Calodendrum capense - Cape Chestnut	172.69	
32 93 43 00-0088	EA	24" Box Calodendrum capense - Cape Chestnut	647.60	
32 93 43 00-0089	EA	1-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	519.67	
32 93 43 00-0090	EA	2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	606.28	
32 93 43 00-0091	EA	2-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	779.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0092	EA	5' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	311.80	
32 93 43 00-0093	EA	6' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	381.09	
32 93 43 00-0094	EA	7' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	519.67	
32 93 43 00-0095	EA	8' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	606.28	
32 93 43 00-0096	EA	10' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	727.53	
32 93 43 00-0097	EA	12' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	883.43	
32 93 43 00-0098	EA	14' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	1,004.69	
32 93 43 00-0099	EA	8' Cassia leptophlia - Gold Medallion Tree	374.17	
32 93 43 00-0100	EA	10' Cassia leptophlia - Gold Medallion Tree	474.90	
32 93 43 00-0101	EA	12' Cassia leptophlia - Gold Medallion Tree	575.64	
32 93 43 00-0102	EA	5 Gallon Celtis Sinensis - Chinese Hackberry	42.23	
32 93 43 00-0103	EA	15 Gallon Celtis Sinensis - Chinese Hackberry	111.34	
32 93 43 00-0104	EA	24" Box Celtis Sinensis - Chinese Hackberry	364.74	
32 93 43 00-0105	EA	36" Box Celtis Sinensis - Chinese Hackberry	1,065.43	
32 93 43 00-0106	EA	15 Gallon Cercis canadensis - American Redbud, Eastern Redbud	77.23	
32 93 43 00-0107	EA	24" Box Cercis canadensis - American Redbud, Eastern Redbud	185.74	
32 93 43 00-0108	EA	36" Box Cercis canadensis - American Redbud, Eastern Redbud	488.79	
32 93 43 00-0109	EA	1 Gallon Cercis occidentalis - Western Redbud	6.35	
32 93 43 00-0110	EA	5 Gallon Cercis occidentalis - Western Redbud	23.95	
32 93 43 00-0111	EA	15 Gallon Cercis occidentalis - Western Redbud	77.23	
32 93 43 00-0112	EA	24" Box Cercis occidentalis - Western Redbud	185.74	
32 93 43 00-0113	EA	36" Box Cercis occidentalis - Western Redbud	537.67	
32 93 43 00-0114	EA	1 Gallon Chitalpa tashkentensis - Chitalpa	4.40	
32 93 43 00-0115	EA	5 Gallon Chitalpa tashkentensis - Chitalpa	13.69	
32 93 43 00-0116	EA	15 Gallon Chitalpa tashkentensis - Chitalpa	47.90	
32 93 43 00-0117	EA	24" Box Chitalpa tashkentensis - Chitalpa	156.41	
32 93 43 00-0118	EA	36" Box Chitalpa tashkentensis - Chitalpa	439.91	
32 93 43 00-0119	EA	5' To 6' Chaenomeles - Orange Quince	109.43	
32 93 43 00-0120	EA	6' To 8' Chaenomeles - Orange Quince	136.78	
32 93 43 00-0121	EA	1-1/2" Caliper Chilopsis linearis - Desert Willow	558.37	
32 93 43 00-0122	EA	2" Caliper Chilopsis linearis - Desert Willow	670.62	
32 93 43 00-0123	EA	2-1/2" Caliper Chilopsis linearis - Desert Willow	713.79	
32 93 43 00-0124	EA	3" Caliper Chilopsis linearis - Desert Willow	791.50	
32 93 43 00-0125	EA	5 Gallon Chionanthus retusus - Chinese Fringe Tree	28.78	
32 93 43 00-0126	EA	15 Gallon Chionanthus retusus - Chinese Fringe Tree	115.13	
32 93 43 00-0127	EA	24" Box Chionanthus retusus - Chinese Fringe Tree	575.64	
32 93 43 00-0128	EA	6' Chionanthus virginicus - White Fringe Tree	345.38	
32 93 43 00-0129	EA	8' Chionanthus virginicus - White Fringe Tree	557.77	
32 93 43 00-0130	EA	10' Chionanthus virginicus - White Fringe Tree	776.90	
32 93 43 00-0131	EA	5' Clump Form Chionanthus virginicus - White Fringetree	346.44	
32 93 43 00-0132	EA	6' Clump Form Chionanthus virginicus - White Fringetree	433.05	
32 93 43 00-0133	EA	7' Clump Form Chionanthus virginicus - White Fringetree	554.31	
32 93 43 00-0134	EA	4' To 5' Cornus - Pink Or Red Flowering Dogwood	125.06	
32 93 43 00-0135	EA	5' To 6' Cornus - Pink Or Red Flowering Dogwood	156.32	
32 93 43 00-0136	EA	6' To 7' Cornus - Pink Or Red Flowering Dogwood	218.85	
32 93 43 00-0137	EA	7' To 8' Cornus - Pink Or Red Flowering Dogwood	281.38	
32 93 43 00-0138	EA	4' To 5' Cornus - White Flowering Dogwood	83.37	
32 93 43 00-0139	EA	5' To 6' Cornus - White Flowering Dogwood	125.06	
32 93 43 00-0140	EA	6' To 7' Cornus - White Flowering Dogwood	175.08	
32 93 43 00-0141	EA	3' To 4' Cornus kousa - Japanese Dogwood	83.37	
32 93 43 00-0142	EA	4' To 5' Cornus kousa - Japanese Dogwood	95.88	
32 93 43 00-0143	EA	5' To 6' Cornus kousa - Japanese Dogwood	125.06	
32 93 43 00-0144	EA	6' To 8' Cornus kousa - Japanese Dogwood	183.42	
32 93 43 00-0145	EA	8' To 10' Cornus kousa - Japanese Dogwood	250.11	
32 93 43 00-0146	EA	1-1/2" Caliper Cornus alternifolia & cvs - Pagoda Dogwood	398.41	
32 93 43 00-0147	EA	2" Caliper Cornus alternifolia & cvs - Pagoda Dogwood	485.02	
32 93 43 00-0148	EA	4' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	190.54	
32 93 43 00-0149	EA	5' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	242.51	
32 93 43 00-0150	EA	6' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	277.15	
32 93 43 00-0151	EA	7' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	311.80	
32 93 43 00-0152	EA	8' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	381.09	
32 93 43 00-0153	EA	4' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	190.54	
32 93 43 00-0154	EA	5' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	242.51	
32 93 43 00-0155	EA	6' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	294.48	
32 93 43 00-0156	EA	7' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	346.44	
32 93 43 00-0157	EA	8' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	485.02	
32 93 43 00-0158	EA	1-1/2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	433.05	
32 93 43 00-0159	EA	2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	519.67	
32 93 43 00-0160	EA	2-1/2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	606.28	
32 93 43 00-0161	EA	1-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	346.44	
32 93 43 00-0162	EA	2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	433.05	
32 93 43 00-0163	EA	2-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	536.99	
32 93 43 00-0164	EA	3" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	606.28	
32 93 43 00-0165	EA	3-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	692.89	
32 93 43 00-0166	EA	4" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	779.50	
32 93 43 00-0167	EA	6' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	346.44	
32 93 43 00-0168	EA	7' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	415.73	
32 93 43 00-0169	EA	8' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	485.02	
32 93 43 00-0170	EA	10' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	606.28	
32 93 43 00-0171	EA	12' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	779.50	
32 93 43 00-0172	EA	5 Gallon Crataegus phaenopyrum - Washington Hawthorn	42.23	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0173	EA	15 Gallon Crataegus phaenopyrum - Washington Hawthorn	111.34	
32 93 43 00-0174	EA	24" Box Crataegus phaenopyrum - Washington Hawthorn	364.74	
32 93 43 00-0175	EA	36" Box Crataegus phaenopyrum - Washington Hawthorn	1,065.43	
32 93 43 00-0176	EA	1-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	277.15	
32 93 43 00-0177	EA	2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	311.80	
32 93 43 00-0178	EA	2-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	346.44	
32 93 43 00-0179	EA	3" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	398.41	
32 93 43 00-0180	EA	3-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	519.67	
32 93 43 00-0181	EA	4" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	588.95	
32 93 43 00-0182	EA	6' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	242.51	
32 93 43 00-0183	EA	7' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	294.48	
32 93 43 00-0184	EA	8' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	346.44	
32 93 43 00-0185	EA	10' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	433.05	
32 93 43 00-0186	EA	12' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	536.99	
32 93 43 00-0187	EA	14' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	640.92	
32 93 43 00-0188	EA	16' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	744.85	
32 93 43 00-0189	EA	1-1/2" Caliper Crataegus viridis - Winter King Hawthorn	277.15	
32 93 43 00-0190	EA	2" Caliper Crataegus viridis - Winter King Hawthorn	311.80	
32 93 43 00-0191	EA	2-1/2" Caliper Crataegus viridis - Winter King Hawthorn	433.05	
32 93 43 00-0192	EA	3" Caliper Crataegus viridis - Winter King Hawthorn	571.63	
32 93 43 00-0193	EA	6' Clump Form Crataegus viridis - Winter King Hawthorn	259.83	
32 93 43 00-0194	EA	7' Clump Form Crataegus viridis - Winter King Hawthorn	346.44	
32 93 43 00-0195	EA	8' Clump Form Crataegus viridis - Winter King Hawthorn	433.05	
32 93 43 00-0196	EA	10' Clump Form Crataegus viridis - Winter King Hawthorn	519.67	
32 93 43 00-0197	EA	1 Gallon Eucalyptus ficifolia - Red-Flowering Gum	12.48	
32 93 43 00-0198	EA	5 Gallon Eucalyptus ficifolia - Red-Flowering Gum	34.55	
32 93 43 00-0199	EA	15 Gallon Eucalyptus ficifolia - Red-Flowering Gum	151.66	
32 93 43 00-0200	EA	24" Box Eucalyptus ficifolia - Red-Flowering Gum	364.74	
32 93 43 00-0201	EA	36" Box Eucalyptus ficifolia - Red-Flowering Gum	959.85	
32 93 43 00-0202	EA	15 Gallon Fraxinus velutina 'Raywood' - Fan-Tex Ash	94.07	
32 93 43 00-0203	EA	24" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	307.15	
32 93 43 00-0204	EA	36" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	815.87	
32 93 43 00-0205	EA	48" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	1,823.72	
32 93 43 00-0206	EA	15 Gallon Geijera parvifolia - Australian Willow	239.05	
32 93 43 00-0207	EA	24" Box Geijera parvifolia - Australian Willow	492.04	
32 93 43 00-0208	EA	30" Box Geijera parvifolia - Australian Willow	916.34	
32 93 43 00-0209	EA	36" Box Geijera parvifolia - Australian Willow	1,314.75	
32 93 43 00-0210	EA	5 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	26.88	
32 93 43 00-0211	EA	15 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	94.07	
32 93 43 00-0212	EA	24" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	307.15	
32 93 43 00-0213	EA	36" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	815.87	
32 93 43 00-0214	EA	48" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	1,823.72	
32 93 43 00-0215	EA	5 Gallon Ginkgo biloba - Maidenhair Tree or Ginkgo	23.95	
32 93 43 00-0216	EA	15 Gallon Ginkgo biloba - Maidenhair Tree or Ginkgo	77.23	
32 93 43 00-0217	EA	24" Box Ginkgo biloba - Maidenhair Tree or Ginkgo	156.41	
32 93 43 00-0218	EA	36" Box Ginkgo biloba - Maidenhair Tree or Ginkgo	537.67	
32 93 43 00-0219	EA	1-1/2" Caliper Ginko Biloba - Maidenhair Tree	709.17	
32 93 43 00-0220	EA	2" Caliper Ginko Biloba - Maidenhair Tree	988.06	
32 93 43 00-0221	EA	2-1/2" Caliper Ginko Biloba - Maidenhair Tree	1,191.25	
32 93 43 00-0222	EA	3" Caliper Ginko Biloba - Maidenhair Tree	1,390.45	
32 93 43 00-0223	EA	3-1/2" Caliper Ginko Biloba - Maidenhair Tree	1,820.73	
32 93 43 00-0224	EA	4" Caliper Ginko Biloba - Maidenhair Tree	1,944.24	
32 93 43 00-0225	EA	4-1/2" Caliper Ginko Biloba - Maidenhair Tree	2,071.73	
32 93 43 00-0226	EA	24" Box Ginko Biloba - Maidenhair Tree	647.42	
32 93 43 00-0227	EA	4' Clump Form Hamamelis virginiana - Common Witchhazel	173.22	
32 93 43 00-0228	EA	5' Clump Form Hamamelis virginiana - Common Witchhazel	225.19	
32 93 43 00-0229	EA	6' Clump Form Hamamelis virginiana - Common Witchhazel	277.15	
32 93 43 00-0230	EA	7' Clump Form Hamamelis virginiana - Common Witchhazel	381.09	
32 93 43 00-0231	EA	8' Clump Form Hamamelis virginiana - Common Witchhazel	519.67	
32 93 43 00-0232	EA	1 Gallon Ilex Cassine - Casine Holly (Dahoon)	9.96	
32 93 43 00-0233	EA	5 Gallon Ilex Cassine - Casine Holly (Dahoon)	31.87	
32 93 43 00-0234	EA	4' To 5' Ilex Cassine - Casine Holly (Dahoon)	54.78	
32 93 43 00-0235	EA	6' To 7' Ilex Cassine - Casine Holly (Dahoon)	104.58	
32 93 43 00-0236	EA	8' To 9' Ilex Cassine - Casine Holly (Dahoon)	139.44	
32 93 43 00-0237	EA	10' To 12' Ilex Cassine - Casine Holly (Dahoon)	179.28	
32 93 43 00-0238	EA	1-1/2" Caliper Koelreuteria bipinnata - Chinese Flame Tree	345.38	
32 93 43 00-0239	EA	2" Caliper Koelreuteria bipinnata - Chinese Flame Tree	561.25	
32 93 43 00-0240	EA	2-1/2" Caliper Koelreuteria bipinnata - Chinese Flame Tree	690.77	
32 93 43 00-0241	EA	3" Caliper Koelreuteria bipinnata - Chinese Flame Tree	762.72	
32 93 43 00-0242	EA	24" Box Koelreuteria bipinnata - Chinese Flame Tree	336.75	
32 93 43 00-0243	EA	30" Box Koelreuteria bipinnata - Chinese Flame Tree	777.11	
32 93 43 00-0244	EA	36" Box Koelreuteria bipinnata - Chinese Flame Tree	1,216.04	
32 93 43 00-0245	EA	1-1/2" Cliber Koelreuteria paniculata - Golden Rain Tree	313.72	
32 93 43 00-0246	EA	2" Cliber Koelreuteria paniculata - Golden Rain Tree	509.44	
32 93 43 00-0247	EA	3" Cliber Koelreuteria paniculata - Golden Rain Tree	705.16	
32 93 43 00-0248	EA	4' To 5' Lagerstroemia indica - Crape Myrtle	254.98	
32 93 43 00-0249	EA	6' Lagerstroemia indica - Crape Myrtle	474.11	
32 93 43 00-0250	EA	8' Lagerstroemia indica - Crape Myrtle	490.04	
32 93 43 00-0251	EA	10' Lagerstroemia indica - Crape Myrtle	593.63	
32 93 43 00-0252	EA	24" Box Lagerstroemia indica - Crape Myrtle	466.14	
32 93 43 00-0253	EA	1 Gallon Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	9.68	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0254	EA	5 Gallon Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	23.95	
32 93 43 00-0255	EA	15 Gallon Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	77.23	
32 93 43 00-0256	EA	1 Gallon Jacaranda mimosifolia - Jacaranda	6.35	
32 93 43 00-0257	EA	5 Gallon Jacaranda mimosifolia - Jacaranda	17.60	
32 93 43 00-0258	EA	15 Gallon Jacaranda mimosifolia - Jacaranda	47.90	
32 93 43 00-0259	EA	24" Box Jacaranda mimosifolia - Jacaranda	156.41	
32 93 43 00-0260	EA	36" Box Jacaranda mimosifolia - Jacaranda	439.91	
32 93 43 00-0261	EA	1 Gallon Koelreuteria bipinnata - Chinese Flame Tree	6.35	
32 93 43 00-0262	EA	5 Gallon Koelreuteria bipinnata - Chinese Flame Tree	17.60	
32 93 43 00-0263	EA	15 Gallon Koelreuteria bipinnata - Chinese Flame Tree	57.68	
32 93 43 00-0264	EA	5 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	26.88	
32 93 43 00-0265	EA	15 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	113.26	
32 93 43 00-0266	EA	24" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	307.15	
32 93 43 00-0267	EA	36" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	863.86	
32 93 43 00-0268	EA	48" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	2,207.66	
32 93 43 00-0269	EA	5 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	26.88	
32 93 43 00-0270	EA	15 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	113.26	
32 93 43 00-0271	EA	24" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	307.15	
32 93 43 00-0272	EA	36" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	863.86	
32 93 43 00-0273	EA	48" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	2,207.66	
32 93 43 00-0274	EA	5 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	26.88	
32 93 43 00-0275	EA	15 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	113.26	
32 93 43 00-0276	EA	24" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	307.15	
32 93 43 00-0277	EA	36" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	863.86	
32 93 43 00-0278	EA	48" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	2,207.66	
32 93 43 00-0279	EA	15 Gallon Macadamia integrifolia - Smoothshell macadamia	146.64	
32 93 43 00-0280	EA	2' To 3' Magnolia Virginiana - Sweetbay Magnolia	65.66	
32 93 43 00-0281	EA	3' To 4' Magnolia Virginiana - Sweetbay Magnolia	98.48	
32 93 43 00-0282	EA	4' To 5' Magnolia Virginiana - Sweetbay Magnolia	123.11	
32 93 43 00-0283	EA	5' To 6' Magnolia Virginiana - Sweetbay Magnolia	153.33	
32 93 43 00-0284	EA	4' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	259.83	
32 93 43 00-0285	EA	5' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	346.44	
32 93 43 00-0286	EA	6' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	450.38	
32 93 43 00-0287	EA	7' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	502.34	
32 93 43 00-0288	EA	9' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	675.56	
32 93 43 00-0289	EA	8' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	606.28	
32 93 43 00-0290	EA	6' Magnolia grandiflora 'St. Mary's'	431.73	
32 93 43 00-0291	EA	8' Magnolia grandiflora 'St. Mary's'	762.72	
32 93 43 00-0292	EA	10' Magnolia grandiflora 'St. Mary's'	958.44	
32 93 43 00-0293	EA	12' Magnolia grandiflora 'St. Mary's'	1,151.28	
32 93 43 00-0294	EA	14' Magnolia grandiflora 'St. Mary's'	1,338.36	
32 93 43 00-0295	EA	16' Magnolia grandiflora 'St. Mary's'	1,583.01	
32 93 43 00-0296	EA	24" Box Magnolia grandiflora 'St. Mary's'	474.90	
32 93 43 00-0297	EA	6' Magnolia grandiflora - Southern Magnolia	212.99	
32 93 43 00-0298	EA	7' Magnolia grandiflora - Southern Magnolia	322.36	
32 93 43 00-0299	EA	8' Magnolia grandiflora - Southern Magnolia	451.88	
32 93 43 00-0300	EA	9' Magnolia grandiflora - Southern Magnolia	601.54	
32 93 43 00-0301	EA	10' Magnolia grandiflora - Southern Magnolia	915.27	
32 93 43 00-0302	EA	24" Box Magnolia grandiflora - Southern Magnolia	374.17	
32 93 43 00-0303	EA	4' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	259.83	
32 93 43 00-0304	EA	5' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	346.44	
32 93 43 00-0305	EA	6' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	450.38	
32 93 43 00-0306	EA	7' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	502.34	
32 93 43 00-0307	EA	8' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	606.28	
32 93 43 00-0308	EA	9' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	675.56	
32 93 43 00-0309	EA	4' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	259.83	
32 93 43 00-0310	EA	5' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	346.44	
32 93 43 00-0311	EA	6' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	450.38	
32 93 43 00-0312	EA	7' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	502.34	
32 93 43 00-0313	EA	8' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	606.28	
32 93 43 00-0314	EA	9' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	675.56	
32 93 43 00-0315	EA	4' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	259.83	
32 93 43 00-0316	EA	5' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	346.44	
32 93 43 00-0317	EA	6' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	450.38	
32 93 43 00-0318	EA	7' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	502.34	
32 93 43 00-0319	EA	8' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	606.28	
32 93 43 00-0320	EA	9' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	675.56	
32 93 43 00-0321	EA	4' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	259.83	
32 93 43 00-0322	EA	5' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	346.44	
32 93 43 00-0323	EA	6' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	450.38	
32 93 43 00-0324	EA	7' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	502.34	
32 93 43 00-0325	EA	8' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	606.28	
32 93 43 00-0326	EA	9' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	675.56	
32 93 43 00-0327	EA	5 Gallon Malus - Crabapple	70.34	
32 93 43 00-0328	EA	15 Gallon Malus - Crabapple	179.38	
32 93 43 00-0329	EA	20 Gallon Malus - Crabapple	211.03	
32 93 43 00-0330	EA	1-1/2" Caliper Malus cvs - Crabapple Varieties	207.87	
32 93 43 00-0331	EA	2" Caliper Malus cvs - Crabapple Varieties	277.15	
32 93 43 00-0332	EA	2-1/2" Caliper Malus cvs - Crabapple Varieties	346.44	
32 93 43 00-0333	EA	3" Caliper Malus cvs - Crabapple Varieties	415.73	
32 93 43 00-0334	EA	3-1/2" Caliper Malus cvs - Crabapple Varieties	485.02	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0335	EA	4" Caliper Malus cvs - Crabapple Varieties	554.31	
32 93 43 00-0336	EA	6' Clump Form Malus cvs - Crabapple Varieties	311.80	
32 93 43 00-0337	EA	7' Clump Form Malus cvs - Crabapple Varieties	346.44	
32 93 43 00-0338	EA	8' Clump Form Malus cvs - Crabapple Varieties	433.05	
32 93 43 00-0339	EA	10' Clump Form Malus cvs - Crabapple Varieties	485.02	
32 93 43 00-0340	EA	12' Clump Form Malus cvs - Crabapple Varieties	623.60	
32 93 43 00-0341	EA	1-1/2" Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars	346.44	
32 93 43 00-0342	EA	2" Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars	433.05	
32 93 43 00-0343	EA	4' Clump Form Malus dwarf cvs - Dwarf Crabapple	259.83	
32 93 43 00-0344	EA	5' Clump Form Malus dwarf cvs - Dwarf Crabapple	329.12	
32 93 43 00-0345	EA	6' Clump Form Malus dwarf cvs - Dwarf Crabapple	398.41	
32 93 43 00-0346	EA	7' Clump Form Malus dwarf cvs - Dwarf Crabapple	450.38	
32 93 43 00-0347	EA	8' Clump Form Malus dwarf cvs - Dwarf Crabapple	502.34	
32 93 43 00-0348	EA	9' Clump Form Malus dwarf cvs - Dwarf Crabapple	554.31	
32 93 43 00-0349	EA	1 Gallon Melaleuca saligna (Callistemon salignus) - White Bottle Brush	5.62	
32 93 43 00-0350	EA	5 Gallon Melaleuca saligna (Callistemon salignus) - White Bottle Brush	26.88	
32 93 43 00-0351	EA	15 Gallon Melaleuca saligna (Callistemon salignus) - White Bottle Brush	46.44	
32 93 43 00-0352	EA	15 Gallon Melia azedarach - China Berry	55.71	
32 93 43 00-0353	EA	24" Box Melia azedarach - China Berry	183.78	
32 93 43 00-0354	EA	4' To 5' Oxydendrum arboreum - Sourwood	158.93	
32 93 43 00-0355	EA	5' To 6' Oxydendrum arboreum - Sourwood	198.66	
32 93 43 00-0356	EA	6' To 7' Oxydendrum arboreum - Sourwood	238.39	
32 93 43 00-0357	EA	7' To 8' Oxydendrum arboreum - Sourwood	278.12	
32 93 43 00-0358	EA	1 Gallon Pittosporum undulatum - Victorian Box	11.28	
32 93 43 00-0359	EA	5 Gallon Pittosporum undulatum - Victorian Box	24.30	
32 93 43 00-0360	EA	15 Gallon Pittosporum undulatum - Victorian Box	137.14	
32 93 43 00-0361	EA	24" Box Pittosporum undulatum - Victorian Box	329.82	
32 93 43 00-0362	EA	36" Box Pittosporum undulatum - Victorian Box	954.74	
32 93 43 00-0363	EA	48" Box Pittosporum undulatum - Victorian Box	2,169.88	
32 93 43 00-0364	EA	5 Gallon Platanus Racemosa - California Sycamore	17.60	
32 93 43 00-0365	EA	15 Gallon Platanus Racemosa - California Sycamore	47.90	
32 93 43 00-0366	EA	24" Box Platanus Racemosa - California Sycamore	156.41	
32 93 43 00-0367	EA	36" Box Platanus Racemosa - California Sycamore	439.91	
32 93 43 00-0368	EA	1 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	5.64	
32 93 43 00-0369	EA	5 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	23.89	
32 93 43 00-0370	EA	20 Gallon Prunus subhirtella - Flowering Cherry	341.71	
32 93 43 00-0371	EA	1-1/2" To 2" Caliper Prunus subhirtella - Flowering Cherry	353.23	
32 93 43 00-0372	EA	2" To 2-1/2" Caliper Prunus subhirtella - Flowering Cherry	441.48	
32 93 43 00-0373	EA	3-1/2" To 4" Caliper Prunus subhirtella - Flowering Cherry	921.34	
32 93 43 00-0374	EA	3" To 3-1/2" Caliper Prunus subhirtella - Flowering Cherry	710.10	
32 93 43 00-0375	EA	4" To 5" Caliper Prunus subhirtella - Flowering Cherry	1,382.02	
32 93 43 00-0376	EA	4' To 6' Prunus - Pigeon Plum	139.72	
32 93 43 00-0377	EA	8' To 10' Prunus - Pigeon Plum	475.04	
32 93 43 00-0378	EA	10' To 12' Prunus - Pigeon Plum	603.58	
32 93 43 00-0379	EA	14' To 16' Prunus - Pigeon Plum	950.08	
32 93 43 00-0380	EA	5 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	88.26	
32 93 43 00-0381	EA	15 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	241.76	
32 93 43 00-0382	EA	20 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	314.85	
32 93 43 00-0383	EA	5' To 6' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	99.77	
32 93 43 00-0384	EA	6' To 8' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	191.87	
32 93 43 00-0385	EA	1-1/2" To 2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	353.23	
32 93 43 00-0386	EA	2" To 2-1/2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	422.29	
32 93 43 00-0387	EA	1-1/2" To 1-3/4" Caliper Prunus subhirtella - Weeping Cherry	276.48	
32 93 43 00-0388	EA	1-1/4" To 1-1/2" Caliper Prunus subhirtella - Weeping Cherry	230.24	
32 93 43 00-0389	EA	1-3/4" To 2" Caliper Prunus subhirtella - Weeping Cherry	337.69	
32 93 43 00-0390	EA	2" To 2-1/2" Caliper Prunus subhirtella - Weeping Cherry	403.11	
32 93 43 00-0391	EA	2-1/2" To 3" Caliper Prunus subhirtella - Weeping Cherry	518.23	
32 93 43 00-0392	EA	6' To 8' Prunus yedoensis - Yoshino Cherry	199.73	
32 93 43 00-0393	EA	1-1/2" To 2" Caliper Prunus yedoensis - Yoshino Cherry	307.18	
32 93 43 00-0394	EA	2" To 2-1/2" Caliper Prunus yedoensis - Yoshino Cherry	376.07	
32 93 43 00-0395	EA	2-1/2" To 3" Caliper Prunus yedoensis - Yoshino Cherry	479.86	
32 93 43 00-0396	EA	15 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	266.79	
32 93 43 00-0397	EA	20 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	333.49	
32 93 43 00-0398	EA	1-1/2" To 2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	346.83	
32 93 43 00-0399	EA	2" To 2-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	413.52	
32 93 43 00-0400	EA	2-1/2" To 3" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	560.26	
32 93 43 00-0401	EA	3" To 3-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	733.68	
32 93 43 00-0402	EA	3-1/2" To 4" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	933.77	
32 93 43 00-0403	EA	15 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	266.79	
32 93 43 00-0404	EA	20 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	333.49	
32 93 43 00-0405	EA	1-1/2" To 2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	226.78	
32 93 43 00-0406	EA	2" To 2-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	346.83	
32 93 43 00-0407	EA	2-1/2" To 3" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	413.16	
32 93 43 00-0408	EA	3" To 3-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	560.26	
32 93 43 00-0409	EA	3-1/2" To 4" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	733.68	
32 93 43 00-0410	EA	5 Gallon Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	21.72	
32 93 43 00-0411	EA	15 Gallon Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	56.48	
32 93 43 00-0412	EA	24" Box Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	195.52	
32 93 43 00-0413	EA	36" Box Pyrus calleryana 'Chanticleer' - Chanticleer Flowering Pear	521.38	
32 93 43 00-0414	EA	1-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	485.97	
32 93 43 00-0415	EA	2" Caliper Pyrus calleryana & cvs - Callery Pear	607.47	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0416	EA	2-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	753.26	
32 93 43 00-0417	EA	3" Caliper Pyrus calleryana & cvs - Callery Pear	850.45	
32 93 43 00-0418	EA	3-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	947.65	
32 93 43 00-0419	EA	4" Caliper Pyrus calleryana & cvs - Callery Pear	1,214.93	
32 93 43 00-0420	EA	5 Gallon Quercus kelloggii - California Black Oak	43.99	
32 93 43 00-0421	EA	15 Gallon Quercus kelloggii - California Black Oak	78.21	
32 93 43 00-0422	EA	1 Gallon Quercus lobata - Valley Oak	8.79	
32 93 43 00-0423	EA	5 Gallon Quercus lobata - Valley Oak	26.38	
32 93 43 00-0424	EA	15 Gallon Quercus lobata - Valley Oak	79.17	
32 93 43 00-0425	EA	1 Gallon Ribes aureum - Golden Current	4.94	
32 93 43 00-0426	EA	5 Gallon Ribes aureum - Golden Current	14.11	
32 93 43 00-0427	EA	1 Gallon Ribes sanguineum - Red Flowering Currant	4.94	
32 93 43 00-0428	EA	5 Gallon Ribes sanguineum - Red Flowering Currant	14.11	
32 93 43 00-0429	EA	1 Gallon Ribes viburnifolium - Evergreen Currant	4.94	
32 93 43 00-0430	EA	5 Gallon Ribes viburnifolium - Evergreen Currant	14.11	
32 93 43 00-0431	EA	1-3/4" Caliper Sophora japonica - Japanese Pagoda	463.18	
32 93 43 00-0432	EA	2" Caliper Sophora japonica - Japanese Pagoda	521.07	
32 93 43 00-0433	EA	2-1/2" Caliper Sophora japonica - Japanese Pagoda	607.92	
32 93 43 00-0434	EA	3" Caliper Sophora japonica - Japanese Pagoda	889.13	
32 93 43 00-0435	EA	3-1/2" Caliper Sophora japonica - Japanese Pagoda	1,344.04	
32 93 43 00-0436	EA	1-1/2" Caliper Sorbus alnifolia - Korean Mountainash	346.44	
32 93 43 00-0437	EA	2" Caliper Sorbus alnifolia - Korean Mountainash	433.05	
32 93 43 00-0438	EA	2-1/2" Caliper Sorbus alnifolia - Korean Mountainash	536.99	
32 93 43 00-0439	EA	3" Caliper Sorbus alnifolia - Korean Mountainash	658.24	
32 93 43 00-0440	EA	3-1/2" Caliper Sorbus alnifolia - Korean Mountainash	796.82	
32 93 43 00-0441	EA	4" Caliper Sorbus alnifolia - Korean Mountainash	952.72	
32 93 43 00-0442	EA	1-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	450.38	
32 93 43 00-0443	EA	2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	485.02	
32 93 43 00-0444	EA	2-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	588.95	
32 93 43 00-0445	EA	4' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	277.15	
32 93 43 00-0446	EA	5' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	329.12	
32 93 43 00-0447	EA	6' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	381.09	
32 93 43 00-0448	EA	7' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	433.05	
32 93 43 00-0449	EA	8' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	502.34	
32 93 43 00-0450	EA	10' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	640.92	
32 93 43 00-0451	EA	12' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	727.53	
32 93 43 00-0452	EA	14' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	831.46	
32 93 43 00-0453	EA	6' Prunus cerasifera - Purple Leaf Plum	224.50	
32 93 43 00-0454	EA	8' Prunus cerasifera - Purple Leaf Plum	259.04	
32 93 43 00-0455	EA	10' Prunus cerasifera - Purple Leaf Plum	333.87	
32 93 43 00-0456	EA	24" Box Prunus cerasifera - Purple Leaf Plum	355.46	
32 93 43 00-0457	EA	30" Box Prunus cerasifera - Purple Leaf Plum	719.55	
32 93 43 00-0458	EA	36" Box Prunus cerasifera - Purple Leaf Plum	1,103.79	
32 93 43 00-0459	EA	6' Pittosporum phillyraeoides - Willow Pittorporum	469.15	
32 93 43 00-0460	EA	8' Pittosporum phillyraeoides - Willow Pittorporum	670.62	
32 93 43 00-0461	EA	10' Pittosporum phillyraeoides - Willow Pittorporum	803.02	
32 93 43 00-0462	EA	12' Pittosporum phillyraeoides - Willow Pittorporum	1,036.15	
32 93 43 00-0463	EA	24" Box Sapium sebiferum - Chinese Tallow Tree	876.50	
32 93 43 00-0464	EA	15 Gallon Sapium sebiferum - Chinese Tallow Tree	239.05	
32 93 43 00-0465	EA	6' Stenocarpus sinuatus - Firewheel Tree	690.77	
32 93 43 00-0466	EA	8' Stenocarpus sinuatus - Firewheel Tree	921.02	
32 93 43 00-0467	EA	10" Stenocarpus sinuatus - Firewheel Tree	1,151.28	
32 93 43 00-0468	EA	12' Stenocarpus sinuatus - Firewheel Tree	1,381.54	
32 93 43 00-0469	EA	24" Box Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	329.82	
32 93 43 00-0470	EA	36" Box Handroanthus impetiginosus (Tabebuia avellanedae) - Pink Trumpet Tree	954.74	
32 93 43 00-0471	EA	2-1/2" Cliber Koelreuteria paniculata - Golden Rain Tree	624.57	
32 93 43 00-0472	EA	1-1/2" Caliper Tipuana tipu - Tipu Tree	446.12	
32 93 43 00-0473	EA	2" Caliper Tipuana tipu - Tipu Tree	581.40	
32 93 43 00-0474	EA	2-1/2" Caliper Tipuana tipu - Tipu Tree	736.82	
32 93 43 00-0475	EA	3" Caliper Tipuana tipu - Tipu Tree	849.07	
32 93 43 00-0476	EA	3-1/2" Caliper Tipuana tipu - Tipu Tree	1,249.14	
32 93 43 00-0477	EA	4" Caliper Tipuana tipu - Tipu Tree	1,669.36	
32 93 43 00-0478	EA	1 Gallon Tipuana tipu - Tipu Tree	6.35	
32 93 43 00-0479	EA	5 Gallon Tipuana tipu - Tipu Tree	17.60	
32 93 43 00-0480	EA	15 Gallon Tipuana tipu - Tipu Tree	57.68	
32 93 43 00-0481	EA	24" Box Tipuana tipu - Tipu Tree	336.75	

32 93 43 00-0482 Deciduous Shade Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0483	EA	3-1/2" To 4" Caliper Acer palmatum - Bloodgood Japanese Maple	202.03	
32 93 43 00-0484	EA	4" To 4-1/2" Caliper Acer palmatum - Bloodgood Japanese Maple	247.65	
32 93 43 00-0485	EA	4-1/2" To 5" Caliper Acer palmatum - Bloodgood Japanese Maple	322.60	
32 93 43 00-0486	EA	5" To 6" Caliper Acer palmatum - Bloodgood Japanese Maple	418.19	
32 93 43 00-0487	EA	2' To 2-1/2' Acer palmatum - Japanese Maple	21.31	
32 93 43 00-0488	EA	4' To 5' Acer palmatum - Japanese Maple	44.75	
32 93 43 00-0489	EA	5' To 6' Acer palmatum - Japanese Maple	58.60	
32 93 43 00-0490	EA	6' To 7' Acer palmatum - Japanese Maple	106.55	
32 93 43 00-0491	EA	7' To 8' Acer palmatum - Japanese Maple	149.16	
32 93 43 00-0492	EA	8' To 10' Acer palmatum - Japanese Maple	191.78	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0493	EA	10' To 12' Acer palmatum - Japanese Maple	255.71	
32 93 43 00-0494	EA	2" Caliper Acer platanoides & cvs - Norway Maple	108.62	
32 93 43 00-0495	EA	2" Caliper Acer platanoides & cvs - Norway Maple	132.23	
32 93 43 00-0496	EA	3" Caliper Acer platanoides & cvs - Norway Maple	170.01	
32 93 43 00-0497	EA	3-1/2" Caliper Acer platanoides & cvs - Norway Maple	198.35	
32 93 43 00-0498	EA	4" Caliper Acer platanoides & cvs - Norway Maple	212.52	
32 93 43 00-0499	EA	4-1/2" Caliper Acer platanoides & cvs - Norway Maple	231.41	
32 93 43 00-0500	EA	5" Caliper Acer platanoides & cvs - Norway Maple	259.74	
32 93 43 00-0501	EA	2" Caliper Acer rubrum & cvs - Red Maple	103.90	
32 93 43 00-0502	EA	2-1/2" Caliper Acer rubrum & cvs - Red Maple	132.23	
32 93 43 00-0503	EA	3" Caliper Acer rubrum & cvs - Red Maple	170.01	
32 93 43 00-0504	EA	3-1/2" Caliper Acer rubrum & cvs - Red Maple	207.79	
32 93 43 00-0505	EA	4" Caliper Acer rubrum & cvs - Red Maple	236.13	
32 93 43 00-0506	EA	4-1/2" Caliper Acer rubrum & cvs - Red Maple	273.91	
32 93 43 00-0507	EA	5" Caliper Acer rubrum & cvs - Red Maple	306.97	
32 93 43 00-0508	EA	8' Clump Form Acer rubrum & cvs - Red Maple	127.51	
32 93 43 00-0509	EA	10' Clump Form Acer rubrum & cvs - Red Maple	170.01	
32 93 43 00-0510	EA	12' Clump Form Acer rubrum & cvs - Red Maple	198.35	
32 93 43 00-0511	EA	14' Clump Form Acer rubrum & cvs - Red Maple	226.69	
32 93 43 00-0512	EA	16' Clump Form Acer rubrum & cvs - Red Maple	255.02	
32 93 43 00-0513	EA	18' Clump Form Acer rubrum & cvs - Red Maple	283.36	
32 93 43 00-0514	EA	2" Caliper Acer saccharinum & cvs - Silver Maple	85.01	
32 93 43 00-0515	EA	2-1/2" Caliper Acer saccharinum & cvs - Silver Maple	113.34	
32 93 43 00-0516	EA	3" Caliper Acer saccharinum & cvs - Silver Maple	141.68	
32 93 43 00-0517	EA	3-1/2" Caliper Acer saccharinum & cvs - Silver Maple	170.01	
32 93 43 00-0518	EA	4" Caliper Acer saccharinum & cvs - Silver Maple	198.35	
32 93 43 00-0519	EA	4-1/2" Caliper Acer saccharinum & cvs - Silver Maple	226.69	
32 93 43 00-0520	EA	5" Caliper Acer saccharinum & cvs - Silver Maple	255.02	
32 93 43 00-0521	EA	2" Caliper Acer saccharum & cvs - Sugar Maple	103.90	
32 93 43 00-0522	EA	2-1/2" Caliper Acer saccharum & cvs - Sugar Maple	136.96	
32 93 43 00-0523	EA	3" Caliper Acer saccharum & cvs - Sugar Maple	165.29	
32 93 43 00-0524	EA	3-1/2" Caliper Acer saccharum & cvs - Sugar Maple	188.90	
32 93 43 00-0525	EA	4" Caliper Acer saccharum & cvs - Sugar Maple	221.96	
32 93 43 00-0526	EA	4-1/2" Caliper Acer saccharum & cvs - Sugar Maple	255.02	
32 93 43 00-0527	EA	5" Caliper Acer saccharum & cvs - Sugar Maple	283.36	
32 93 43 00-0528	EA	10' Clump Form Acer saccharum & cvs - Sugar Maple	188.90	
32 93 43 00-0529	EA	12' Clump Form Acer saccharum & cvs - Sugar Maple	221.96	
32 93 43 00-0530	EA	14' Clump Form Acer saccharum & cvs - Sugar Maple	259.74	
32 93 43 00-0531	EA	16' Clump Form Acer saccharum & cvs - Sugar Maple	288.08	
32 93 43 00-0532	EA	18' Clump Form Acer saccharum & cvs - Sugar Maple	349.47	
32 93 43 00-0533	EA	20' Clump Form Acer saccharum & cvs - Sugar Maple	377.81	
32 93 43 00-0534	EA	2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	118.07	
32 93 43 00-0535	EA	2-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	146.40	
32 93 43 00-0536	EA	3" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	179.46	
32 93 43 00-0537	EA	3-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	207.79	
32 93 43 00-0538	EA	4" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	226.69	
32 93 43 00-0539	EA	4-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	250.30	
32 93 43 00-0540	EA	5" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	278.63	
32 93 43 00-0541	EA	10' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	170.01	
32 93 43 00-0542	EA	12' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	224.80	
32 93 43 00-0543	EA	14' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	261.63	
32 93 43 00-0544	EA	16' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	288.08	
32 93 43 00-0545	EA	18' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	349.47	
32 93 43 00-0546	EA	20' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	377.81	
32 93 43 00-0547	EA	2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	165.29	
32 93 43 00-0548	EA	2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	184.18	
32 93 43 00-0549	EA	3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	207.79	
32 93 43 00-0550	EA	3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	236.13	
32 93 43 00-0551	EA	4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	283.36	
32 93 43 00-0552	EA	2" Caliper Aesculus x carnea - Red Horsechestnut	165.29	
32 93 43 00-0553	EA	2-1/2" Caliper Aesculus x carnea - Red Horsechestnut	184.18	
32 93 43 00-0554	EA	3" Caliper Aesculus x carnea - Red Horsechestnut	207.79	
32 93 43 00-0555	EA	3-1/2" Caliper Aesculus x carnea - Red Horsechestnut	236.13	
32 93 43 00-0556	EA	4" Caliper Aesculus x carnea - Red Horsechestnut	283.36	
32 93 43 00-0557	EA	2" Caliper Alnus glutinosa - Common Alder, Black Alder	118.07	
32 93 43 00-0558	EA	2-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder	136.96	
32 93 43 00-0559	EA	3" Caliper Alnus glutinosa - Common Alder, Black Alder	155.85	
32 93 43 00-0560	EA	3-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder	179.46	
32 93 43 00-0561	EA	8' Clump Form Alnus glutinosa - Common Alder, Black Alder	122.79	
32 93 43 00-0562	EA	10' Clump Form Alnus glutinosa - Common Alder, Black Alder	151.12	
32 93 43 00-0563	EA	12' Clump Form Alnus glutinosa - Common Alder, Black Alder	170.01	
32 93 43 00-0564	EA	14' Clump Form Alnus glutinosa - Common Alder, Black Alder	188.90	
32 93 43 00-0565	EA	16' Clump Form Alnus glutinosa - Common Alder, Black Alder	212.52	
32 93 43 00-0566	EA	18' Clump Form Alnus glutinosa - Common Alder, Black Alder	236.13	
32 93 43 00-0567	EA	2" Caliper Betula nigra - River Birch	118.07	
32 93 43 00-0568	EA	2-1/2" Caliper Betula nigra - River Birch	133.70	
32 93 43 00-0569	EA	3" Caliper Betula nigra - River Birch	151.12	
32 93 43 00-0570	EA	3-1/2" Caliper Betula nigra - River Birch	188.90	
32 93 43 00-0571	EA	4" Caliper Betula nigra - River Birch	212.52	
32 93 43 00-0572	EA	4-1/2" Caliper Betula nigra - River Birch	236.13	
32 93 43 00-0573	EA	5" Caliper Betula nigra - River Birch	259.74	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0574	EA	8' Clump Form Betula nigra - River Birch	108.62	
32 93 43 00-0575	EA	10' Clump Form Betula nigra - River Birch	122.79	
32 93 43 00-0576	EA	12' Clump Form Betula nigra - River Birch	141.68	
32 93 43 00-0577	EA	14' Clump Form Betula nigra - River Birch	165.29	
32 93 43 00-0578	EA	16' Clump Form Betula nigra - River Birch	188.90	
32 93 43 00-0579	EA	12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	141.68	
32 93 43 00-0580	EA	14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	170.01	
32 93 43 00-0581	EA	16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	198.35	
32 93 43 00-0582	EA	18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	236.13	
32 93 43 00-0583	EA	20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	245.58	
32 93 43 00-0584	EA	2" Caliper Carpinus betulus & cvs - European Hornbeam	188.90	
32 93 43 00-0585	EA	2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	212.52	
32 93 43 00-0586	EA	3" Caliper Carpinus betulus & cvs - European Hornbeam	245.58	
32 93 43 00-0587	EA	3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	297.52	
32 93 43 00-0588	EA	6' Clump Form Carpinus betulus & cvs - European Hornbeam	85.01	
32 93 43 00-0589	EA	7' Clump Form Carpinus betulus & cvs - European Hornbeam	118.07	
32 93 43 00-0590	EA	8' Clump Form Carpinus betulus & cvs - European Hornbeam	146.40	
32 93 43 00-0591	EA	2" Caliper Catalpa speciosa - Western Catalpa	103.90	
32 93 43 00-0592	EA	2-1/2" Caliper Catalpa speciosa - Western Catalpa	141.68	
32 93 43 00-0593	EA	3" Caliper Catalpa speciosa - Western Catalpa	184.18	
32 93 43 00-0594	EA	3-1/2" Caliper Catalpa speciosa - Western Catalpa	221.96	
32 93 43 00-0595	EA	4" Caliper Catalpa speciosa - Western Catalpa	255.02	
32 93 43 00-0596	EA	2" Caliper Celtis occidentalis & cvs - Common Hackberry	132.23	
32 93 43 00-0597	EA	2-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	151.12	
32 93 43 00-0598	EA	3" Caliper Celtis occidentalis & cvs - Common Hackberry	184.18	
32 93 43 00-0599	EA	3-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	217.24	
32 93 43 00-0600	EA	4" Caliper Celtis occidentalis & cvs - Common Hackberry	250.30	
32 93 43 00-0601	EA	4-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	283.36	
32 93 43 00-0602	EA	3" Caliper Cercidiphyllum japonicum - Katsuratree	165.29	
32 93 43 00-0603	EA	3-1/2" Caliper Cercidiphyllum japonicum - Katsuratree	188.90	
32 93 43 00-0604	EA	4" Caliper Cercidiphyllum japonicum - Katsuratree	221.96	
32 93 43 00-0605	EA	5" Caliper Cercidiphyllum japonicum - Katsuratree	264.47	
32 93 43 00-0606	EA	6' Clump Form Cercidiphyllum japonicum - Katsuratree	132.23	
32 93 43 00-0607	EA	7' Clump Form Cercidiphyllum japonicum - Katsuratree	155.85	
32 93 43 00-0608	EA	8' Clump Form Cercidiphyllum japonicum - Katsuratree	188.90	
32 93 43 00-0609	EA	10' Clump Form Cercidiphyllum japonicum - Katsuratree	236.13	
32 93 43 00-0610	EA	12' Clump Form Cercidiphyllum japonicum - Katsuratree	283.36	
32 93 43 00-0611	EA	2" Caliper Cladrastus lutea - American Yellowwood	236.13	
32 93 43 00-0612	EA	2-1/2" Caliper Cladrastus lutea - American Yellowwood	283.36	
32 93 43 00-0613	EA	3" Caliper Cladrastus lutea - American Yellowwood	330.58	
32 93 43 00-0614	EA	3-1/2" Caliper Cladrastus lutea - American Yellowwood	377.81	
32 93 43 00-0615	EA	2" Caliper Corylus colurna - Turkish Filbert	146.40	
32 93 43 00-0616	EA	2-1/2" Caliper Corylus colurna - Turkish Filbert	165.29	
32 93 43 00-0617	EA	3" Caliper Corylus colurna - Turkish Filbert	188.90	
32 93 43 00-0618	EA	3-1/2" Caliper Corylus colurna - Turkish Filbert	217.24	
32 93 43 00-0619	EA	4" Caliper Corylus colurna - Turkish Filbert	259.74	
32 93 43 00-0620	EA	4-1/2" Caliper Corylus colurna - Turkish Filbert	302.25	
32 93 43 00-0621	EA	5" Caliper Corylus colurna - Turkish Filbert	344.75	
32 93 43 00-0622	EA	8' Clump Form Corylus colurna - Turkish Filbert	132.23	
32 93 43 00-0623	EA	10' Clump Form Corylus colurna - Turkish Filbert	160.57	
32 93 43 00-0624	EA	12' Clump Form Corylus colurna - Turkish Filbert	188.90	
32 93 43 00-0625	EA	14' Clump Form Corylus colurna - Turkish Filbert	212.52	
32 93 43 00-0626	EA	16' Clump Form Corylus colurna - Turkish Filbert	236.13	
32 93 43 00-0627	EA	1-1/2" Caliper Diospyros - Persimmon	85.01	
32 93 43 00-0628	EA	2" Caliper Diospyros - Persimmon	103.90	
32 93 43 00-0629	EA	2-1/2" Caliper Diospyros - Persimmon	132.23	
32 93 43 00-0630	EA	3" Caliper Diospyros - Persimmon	165.29	
32 93 43 00-0631	EA	3-1/2" Caliper Diospyros - Persimmon	198.35	
32 93 43 00-0632	EA	1-1/2" Caliper Fagus grandifolia - American Beech	188.90	
32 93 43 00-0633	EA	2" Caliper Fagus grandifolia - American Beech	245.58	
32 93 43 00-0634	EA	2-1/2" Caliper Fagus grandifolia - American Beech	311.69	
32 93 43 00-0635	EA	3" Caliper Fagus grandifolia - American Beech	377.81	
32 93 43 00-0636	EA	3-1/2" Caliper Fagus grandifolia - American Beech	448.65	
32 93 43 00-0637	EA	2" Caliper Fagus sylvatica & cvs - European Beech	212.52	
32 93 43 00-0638	EA	2-1/2" Caliper Fagus sylvatica & cvs - European Beech	255.02	
32 93 43 00-0639	EA	3" Caliper Fagus sylvatica & cvs - European Beech	306.97	
32 93 43 00-0640	EA	3-1/2" Caliper Fagus sylvatica & cvs - European Beech	340.03	
32 93 43 00-0641	EA	4" Caliper Fagus sylvatica & cvs - European Beech	401.42	
32 93 43 00-0642	EA	4-1/2" Caliper Fagus sylvatica & cvs - European Beech	519.49	
32 93 43 00-0643	EA	5" Caliper Fagus sylvatica & cvs - European Beech	613.94	
32 93 43 00-0644	EA	2" Caliper Fraxinus americana & cvs - White Ash	118.07	
32 93 43 00-0645	EA	2-1/2" Caliper Fraxinus americana & cvs - White Ash	141.68	
32 93 43 00-0646	EA	3" Caliper Fraxinus americana & cvs - White Ash	179.46	
32 93 43 00-0647	EA	3-1/2" Caliper Fraxinus americana & cvs - White Ash	217.24	
32 93 43 00-0648	EA	4" Caliper Fraxinus americana & cvs - White Ash	255.02	
32 93 43 00-0649	EA	4-1/2" Caliper Fraxinus americana & cvs - White Ash	283.36	
32 93 43 00-0650	EA	5" Caliper Fraxinus americana & cvs - White Ash	330.58	
32 93 43 00-0651	EA	2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	103.90	
32 93 43 00-0652	EA	2-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	122.79	
32 93 43 00-0653	EA	3" Caliper Fraxinus pennsylvanica & cvs - Green Ash	165.29	
32 93 43 00-0654	EA	3-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	198.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0655	EA	4" Caliper Fraxinus pennsylvanica & cvs - Green Ash	236.13	
32 93 43 00-0656	EA	4-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	255.02	
32 93 43 00-0657	EA	5" Caliper Fraxinus pennsylvanica & cvs - Green Ash	283.36	
32 93 43 00-0658	EA	1-1/2" Caliper Fraxinus quadrangulata - Blue Ash	141.68	
32 93 43 00-0659	EA	2" Caliper Fraxinus quadrangulata - Blue Ash	174.74	
32 93 43 00-0660	EA	2-1/2" Caliper Fraxinus quadrangulata - Blue Ash	212.52	
32 93 43 00-0661	EA	3" Caliper Fraxinus quadrangulata - Blue Ash	259.74	
32 93 43 00-0662	EA	3-1/2" Caliper Fraxinus quadrangulata - Blue Ash	306.97	
32 93 43 00-0663	EA	1-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	165.29	
32 93 43 00-0664	EA	2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	184.18	
32 93 43 00-0665	EA	2-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	207.79	
32 93 43 00-0666	EA	3" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	231.41	
32 93 43 00-0667	EA	3-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	259.74	
32 93 43 00-0668	EA	4" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	283.36	
32 93 43 00-0669	EA	4-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	425.03	
32 93 43 00-0670	EA	5" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	472.26	
32 93 43 00-0671	EA	2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	113.34	
32 93 43 00-0672	EA	2-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	141.68	
32 93 43 00-0673	EA	3" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	170.01	
32 93 43 00-0674	EA	3-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	198.35	
32 93 43 00-0675	EA	4" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	226.69	
32 93 43 00-0676	EA	4-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	255.02	
32 93 43 00-0677	EA	5" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	302.25	
32 93 43 00-0678	EA	10' - 12' Bursera Simaruba - Gumbo Limbo	59.74	
32 93 43 00-0679	EA	12' - 14' Bursera Simaruba - Gumbo Limbo	70.60	
32 93 43 00-0680	EA	14' - 16' Bursera Simaruba - Gumbo Limbo	97.76	
32 93 43 00-0681	EA	17' - 18' Bursera Simaruba - Gumbo Limbo	127.09	
32 93 43 00-0682	EA	19' - 20' Bursera Simaruba - Gumbo Limbo	141.21	
32 93 43 00-0683	EA	21' - 22' Bursera Simaruba - Gumbo Limbo	167.27	
32 93 43 00-0684	EA	2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	146.40	
32 93 43 00-0685	EA	2-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	179.46	
32 93 43 00-0686	EA	3" Caliper Gymnocladus dioicus - Kentucky Coffeetree	212.52	
32 93 43 00-0687	EA	3-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	250.30	
32 93 43 00-0688	EA	4" Caliper Gymnocladus dioicus - Kentucky Coffeetree	283.36	
32 93 43 00-0689	EA	4-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	316.41	
32 93 43 00-0690	EA	5" Caliper Gymnocladus dioicus - Kentucky Coffeetree	354.20	
32 93 43 00-0691	EA	1-1/2" To 2" Caliper Zelkova serrata - Japanese Keaki Tree	73.09	
32 93 43 00-0692	EA	2" To 2-1/2" Caliper Zelkova serrata - Japanese Keaki Tree	89.54	
32 93 43 00-0693	EA	2-1/2' To 3" Caliper Zelkova serrata - Japanese Keaki Tree	113.44	
32 93 43 00-0694	EA	1-1/2" Caliper Juglans cinerea - Butternut	113.34	
32 93 43 00-0695	EA	2" Caliper Juglans cinerea - Butternut	132.23	
32 93 43 00-0696	EA	2-1/2" Caliper Juglans cinerea - Butternut	165.29	
32 93 43 00-0697	EA	3" Caliper Juglans cinerea - Butternut	207.79	
32 93 43 00-0698	EA	3-1/2" Caliper Juglans cinerea - Butternut	255.02	
32 93 43 00-0699	EA	1-1/2" Caliper Juglans californica - California Walnut	113.34	
32 93 43 00-0700	EA	2" Caliper Juglans californica - California Walnut	132.23	
32 93 43 00-0701	EA	2-1/2" Caliper Juglans californica - California Walnut	165.29	
32 93 43 00-0702	EA	3" Caliper Juglans californica - California Walnut	207.79	
32 93 43 00-0703	EA	3-1/2" Caliper Juglans californica - California Walnut	255.02	
32 93 43 00-0704	EA	4" Caliper Juglans californica - California Walnut	306.97	
32 93 43 00-0705	EA	4-1/2" Caliper Juglans californica - California Walnut	354.20	
32 93 43 00-0706	EA	5" Caliper Juglans californica - California Walnut	401.42	
32 93 43 00-0707	EA	5 Gallon Koelreuteria Paniculata - Goldenrain Tree	12.79	
32 93 43 00-0708	EA	15 Gallon Koelreuteria Paniculata - Goldenrain Tree	31.96	
32 93 43 00-0709	EA	20 Gallon Koelreuteria Paniculata - Goldenrain Tree	63.93	
32 93 43 00-0710	EA	55 Gallon Koelreuteria Paniculata - Goldenrain Tree	83.11	
32 93 43 00-0711	EA	1-1/2" To 2" Caliper Koelreuteria Paniculata - Goldenrain Tree	60.73	
32 93 43 00-0712	EA	2" To 2-1/2" Caliper Koelreuteria Paniculata - Goldenrain Tree	73.52	
32 93 43 00-0713	EA	2-1/2" To 3" Caliper Koelreuteria Paniculata - Goldenrain Tree	102.28	
32 93 43 00-0714	EA	1-1/2" Caliper Liquidambar styraciflua - American Sweetgum	151.12	
32 93 43 00-0715	EA	2" Caliper Liquidambar styraciflua - American Sweetgum	188.90	
32 93 43 00-0716	EA	2-1/2" Caliper Liquidambar styraciflua - American Sweetgum	236.13	
32 93 43 00-0717	EA	3" Caliper Liquidambar styraciflua - American Sweetgum	283.36	
32 93 43 00-0718	EA	3-1/2" Caliper Liquidambar styraciflua - American Sweetgum	330.58	
32 93 43 00-0719	EA	1-1/2" Caliper Liriodendron tulipifera - Tulip Tree	151.12	
32 93 43 00-0720	EA	2" Caliper Liriodendron tulipifera - Tulip Tree	207.79	
32 93 43 00-0721	EA	2-1/2" Caliper Liriodendron tulipifera - Tulip Tree	245.58	
32 93 43 00-0722	EA	3" Caliper Liriodendron tulipifera - Tulip Tree	283.36	
32 93 43 00-0723	EA	3-1/2" Caliper Liriodendron tulipifera - Tulip Tree	321.14	
32 93 43 00-0724	EA	8' Clump Form Liriodendron tulipifera - Tulip Tree	113.34	
32 93 43 00-0725	EA	10' Clump Form Liriodendron tulipifera - Tulip Tree	203.07	
32 93 43 00-0726	EA	12' Clump Form Liriodendron tulipifera - Tulip Tree	245.58	
32 93 43 00-0727	EA	1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	151.12	
32 93 43 00-0728	EA	2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	188.90	
32 93 43 00-0729	EA	2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	236.13	
32 93 43 00-0730	EA	3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	283.36	
32 93 43 00-0731	EA	3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	330.58	
32 93 43 00-0732	EA	4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	66.12	
32 93 43 00-0733	EA	5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	75.56	
32 93 43 00-0734	EA	6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	89.73	
32 93 43 00-0735	EA	7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	113.34	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0736	EA	8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	141.68	
32 93 43 00-0737	EA	2" Caliper Ostrya virginiana - American Hophornbeam	122.79	
32 93 43 00-0738	EA	2-1/2" Caliper Ostrya virginiana - American Hophornbeam	155.85	
32 93 43 00-0739	EA	3" Caliper Ostrya virginiana - American Hophornbeam	188.90	
32 93 43 00-0740	EA	3-1/2" Caliper Ostrya virginiana - American Hophornbeam	221.96	
32 93 43 00-0741	EA	4" Caliper Ostrya virginiana - American Hophornbeam	269.19	
32 93 43 00-0742	EA	2" Caliper Phellodendron amurense - Amur Corktree	94.45	
32 93 43 00-0743	EA	2-1/2" Caliper Phellodendron amurense - Amur Corktree	118.07	
32 93 43 00-0744	EA	3" Caliper Phellodendron amurense - Amur Corktree	141.68	
32 93 43 00-0745	EA	3-1/2" Caliper Phellodendron amurense - Amur Corktree	165.29	
32 93 43 00-0746	EA	4" Caliper Phellodendron amurense - Amur Corktree	188.90	
32 93 43 00-0747	EA	4-1/2" Caliper Phellodendron amurense - Amur Corktree	212.52	
32 93 43 00-0748	EA	5" Caliper Phellodendron amurense - Amur Corktree	236.13	
32 93 43 00-0749	EA	1-1/2" To 2" Caliper Platanus acerifolia "Bloodgold" - London Plane	370.52	
32 93 43 00-0750	EA	2" To 2-1/2" Caliper Platanus acerifolia "Bloodgold" - London Plane	661.36	
32 93 43 00-0751	EA	2-1/2" To 3" Caliper Platanus acerifolia "Bloodgold" - London Plane	968.14	
32 93 43 00-0752	EA	3" To 3-1/2" Caliper Platanus acerifolia "Bloodgold" - London Plane	1,203.20	
32 93 43 00-0753	EA	3-1/2" To 4" Caliper Platanus acerifolia "Bloodgold" - London Plane	1,557.78	
32 93 43 00-0754	EA	4" To 5" Caliper Platanus acerifolia "Bloodgold" - London Plane	1,772.92	
32 93 43 00-0755	EA	24" Box Platanus acerifolia "Bloodgold" - London Plane	466.14	
32 93 43 00-0756	EA	30" Box Platanus Occidentalis - Buttonwood Sycamore	205.17	
32 93 43 00-0757	EA	36" Box Platanus Occidentalis - Buttonwood Sycamore	298.44	
32 93 43 00-0758	EA	42" Box Platanus occidentalis - Buttonwood Sycamore	443.94	
32 93 43 00-0759	EA	1-1/2" To 2" Caliper Platanus occidentalis - Buttonwood Sycamore	68.65	
32 93 43 00-0760	EA	2" To 2-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	82.08	
32 93 43 00-0761	EA	2-1/2" To 3" Caliper Platanus occidentalis - Buttonwood Sycamore	111.91	
32 93 43 00-0762	EA	3" To 3-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	135.81	
32 93 43 00-0763	EA	8' To 10' Platanus occidentalis - Green Or Silver Buttonwood	56.48	
32 93 43 00-0764	EA	10' To 12' Platanus occidentalis - Green Or Silver Buttonwood	70.60	
32 93 43 00-0765	EA	12' To 14' Platanus occidentalis - Green Or Silver Buttonwood	124.91	
32 93 43 00-0766	EA	16' To 18' Platanus occidentalis - Green Or Silver Buttonwood	179.22	
32 93 43 00-0767	EA	2" Caliper Platanus x acerifolia & cvs - London Planetree	113.34	
32 93 43 00-0768	EA	2-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	136.96	
32 93 43 00-0769	EA	3" Caliper Platanus x acerifolia & cvs - London Planetree	165.29	
32 93 43 00-0770	EA	3-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	198.35	
32 93 43 00-0771	EA	4" Caliper Platanus x acerifolia & cvs - London Planetree	236.13	
32 93 43 00-0772	EA	2" Caliper Populus alba & cvs - White Poplar	113.34	
32 93 43 00-0773	EA	2-1/2" Caliper Populus alba & cvs - White Poplar	132.23	
32 93 43 00-0774	EA	3" Caliper Populus alba & cvs - White Poplar	151.12	
32 93 43 00-0775	EA	3-1/2" Caliper Populus alba & cvs - White Poplar	179.46	
32 93 43 00-0776	EA	4" Caliper Populus alba & cvs - White Poplar	198.35	
32 93 43 00-0777	EA	4-1/2" Caliper Populus alba & cvs - White Poplar	226.69	
32 93 43 00-0778	EA	2" Caliper Populus deltoides & cvs - Eastern Cottonwood	103.90	
32 93 43 00-0779	EA	2-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	136.96	
32 93 43 00-0780	EA	3" Caliper Populus deltoides & cvs - Eastern Cottonwood	165.29	
32 93 43 00-0781	EA	3-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	198.35	
32 93 43 00-0782	EA	4" Caliper Populus deltoides & cvs - Eastern Cottonwood	236.13	
32 93 43 00-0783	EA	1 Gallon Quercus agrifolia - Coast Live Oak	9.68	
32 93 43 00-0784	EA	5 Gallon Quercus agrifolia - Coast Live Oak	23.95	
32 93 43 00-0785	EA	15 Gallon Quercus agrifolia - Coast Live Oak	77.23	
32 93 43 00-0786	EA	24" Box Quercus agrifolia - Coast Live Oak	234.62	
32 93 43 00-0787	EA	6' To 8' Quercus acutissima - Sawtooth Oak	35.52	
32 93 43 00-0788	EA	8' To 10' Quercus acutissima - Sawtooth Oak	53.27	
32 93 43 00-0789	EA	10' To 12' Quercus acutissima - Sawtooth Oak	62.15	
32 93 43 00-0790	EA	1-1/2" To 2" Caliper Quercus acutissima - Sawtooth Oak	71.03	
32 93 43 00-0791	EA	2" To 2-1/2" Caliper Quercus acutissima - Sawtooth Oak	79.91	
32 93 43 00-0792	EA	3" To 3-1/2" Caliper Quercus virginiana - Live Oak	281.28	
32 93 43 00-0793	EA	3-1/2" To 4" Caliper Quercus virginiana - Live Oak	379.08	
32 93 43 00-0794	EA	4" To 4-1/2" Caliper Quercus virginiana - Live Oak	512.69	
32 93 43 00-0795	EA	4-1/2" To 5" Caliper Quercus virginiana - Live Oak	684.31	
32 93 43 00-0796	EA	5" To 5-1/2" Caliper Quercus virginiana - Live Oak	825.51	
32 93 43 00-0797	EA	5-1/2" To 6" Caliper Quercus virginiana - Live Oak	912.41	
32 93 43 00-0798	EA	6" To 6-1/2" Caliper Quercus virginiana - Live Oak	1,227.41	
32 93 43 00-0799	EA	6-1/2" To 7" Caliper Quercus Virginiana - Live Oak	1,542.40	
32 93 43 00-0800	EA	7" To 7-1/2" Caliper Quercus virginiana - Live Oak	1,857.40	
32 93 43 00-0801	EA	7-1/2" To 8" Caliper Quercus virginiana - Live Oak	2,253.86	
32 93 43 00-0802	EA	8" To 8-1/2" Caliper Quercus virginiana - Live Oak	2,650.33	
32 93 43 00-0803	EA	2" Caliper Quercus alba - White Oak	141.68	
32 93 43 00-0804	EA	2-1/2" Caliper Quercus alba - White Oak	165.29	
32 93 43 00-0805	EA	3" Caliper Quercus alba - White Oak	207.79	
32 93 43 00-0806	EA	3-1/2" Caliper Quercus alba - White Oak	259.74	
32 93 43 00-0807	EA	4" Caliper Quercus alba - White Oak	306.97	
32 93 43 00-0808	EA	4-1/2" Caliper Quercus alba - White Oak	377.81	
32 93 43 00-0809	EA	5" Caliper Quercus alba - White Oak	448.65	
32 93 43 00-0810	EA	2" Caliper Quercus bicolor - Swamp White Oak	165.29	
32 93 43 00-0811	EA	2-1/2" Caliper Quercus bicolor - Swamp White Oak	188.90	
32 93 43 00-0812	EA	3" Caliper Quercus bicolor - Swamp White Oak	217.24	
32 93 43 00-0813	EA	3-1/2" Caliper Quercus bicolor - Swamp White Oak	240.85	
32 93 43 00-0814	EA	4" Caliper Quercus bicolor - Swamp White Oak	273.91	
32 93 43 00-0815	EA	4-1/2" Caliper Quercus bicolor - Swamp White Oak	302.25	
32 93 43 00-0816	EA	5" Caliper Quercus bicolor - Swamp White Oak	340.03	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0817	EA	10' Clump Form Quercus bicolor - Swamp White Oak	236.13	
32 93 43 00-0818	EA	12' Clump Form Quercus bicolor - Swamp White Oak	283.36	
32 93 43 00-0819	EA	14' Clump Form Quercus bicolor - Swamp White Oak	330.58	
32 93 43 00-0820	EA	16' Clump Form Quercus bicolor - Swamp White Oak	377.81	
32 93 43 00-0821	EA	2" Caliper Quercus coccinea - Scarlet Oak	122.79	
32 93 43 00-0822	EA	2-1/2" Caliper Quercus coccinea - Scarlet Oak	155.85	
32 93 43 00-0823	EA	3" Caliper Quercus coccinea - Scarlet Oak	193.63	
32 93 43 00-0824	EA	3-1/2" Caliper Quercus coccinea - Scarlet Oak	236.13	
32 93 43 00-0825	EA	4" Caliper Quercus coccinea - Scarlet Oak	283.36	
32 93 43 00-0826	EA	4-1/2" Caliper Quercus coccinea - Scarlet Oak	335.31	
32 93 43 00-0827	EA	5" Caliper Quercus coccinea - Scarlet Oak	391.98	
32 93 43 00-0828	EA	1-1/2" Caliper Quercus imbricaria - Shingle Oak	122.79	
32 93 43 00-0829	EA	2" Caliper Quercus imbricaria - Shingle Oak	165.29	
32 93 43 00-0830	EA	2-1/2" Caliper Quercus imbricaria - Shingle Oak	221.96	
32 93 43 00-0831	EA	3" Caliper Quercus imbricaria - Shingle Oak	330.58	
32 93 43 00-0832	EA	3-1/2" Caliper Quercus imbricaria - Shingle Oak	448.65	
32 93 43 00-0833	EA	1-1/2" Caliper Quercus macrocarpa - Bur Oak	122.79	
32 93 43 00-0834	EA	2" Caliper Quercus macrocarpa - Bur Oak	146.40	
32 93 43 00-0835	EA	2-1/2" Caliper Quercus macrocarpa - Bur Oak	174.74	
32 93 43 00-0836	EA	3" Caliper Quercus macrocarpa - Bur Oak	212.52	
32 93 43 00-0837	EA	3-1/2" Caliper Quercus macrocarpa - Bur Oak	259.74	
32 93 43 00-0838	EA	4" Caliper Quercus macrocarpa - Bur Oak	306.97	
32 93 43 00-0839	EA	9' Clump Form Quercus macrocarpa - Bur Oak	283.36	
32 93 43 00-0840	EA	10' Clump Form Quercus macrocarpa - Bur Oak	330.58	
32 93 43 00-0841	EA	12' Clump Form Quercus macrocarpa - Bur Oak	377.81	
32 93 43 00-0842	EA	2" Caliper Quercus palustris - Pin Oak	103.90	
32 93 43 00-0843	EA	2-1/2" Caliper Quercus palustris - Pin Oak	141.68	
32 93 43 00-0844	EA	3" Caliper Quercus palustris - Pin Oak	184.18	
32 93 43 00-0845	EA	3-1/2" Caliper Quercus palustris - Pin Oak	212.52	
32 93 43 00-0846	EA	4" Caliper Quercus palustris - Pin Oak	245.58	
32 93 43 00-0847	EA	4-1/2" Caliper Quercus palustris - Pin Oak	278.63	
32 93 43 00-0848	EA	5" Caliper Quercus palustris - Pin Oak	306.97	
32 93 43 00-0849	EA	2" Caliper Quercus robur & cvs - English Oak	122.79	
32 93 43 00-0850	EA	2-1/2" Caliper Quercus robur & cvs - English Oak	151.12	
32 93 43 00-0851	EA	3" Caliper Quercus robur & cvs - English Oak	179.46	
32 93 43 00-0852	EA	3-1/2" Caliper Quercus robur & cvs - English Oak	212.52	
32 93 43 00-0853	EA	4" Caliper Quercus robur & cvs - English Oak	245.58	
32 93 43 00-0854	EA	4-1/2" Caliper Quercus robur & cvs - English Oak	283.36	
32 93 43 00-0855	EA	5" Caliper Quercus robur & cvs - English Oak	321.14	
32 93 43 00-0856	EA	2" Caliper Quercus rubra - Red Oak	141.68	
32 93 43 00-0857	EA	2-1/2" Caliper Quercus rubra - Red Oak	165.29	
32 93 43 00-0858	EA	3" Caliper Quercus rubra - Red Oak	198.35	
32 93 43 00-0859	EA	3-1/2" Caliper Quercus rubra - Red Oak	236.13	
32 93 43 00-0860	EA	4" Caliper Quercus rubra - Red Oak	283.36	
32 93 43 00-0861	EA	4-1/2" Caliper Quercus rubra - Red Oak	330.58	
32 93 43 00-0862	EA	5" Caliper Quercus rubra - Red Oak	377.81	
32 93 43 00-0863	EA	16' Clump Form Quercus rubra - Red Oak	306.97	
32 93 43 00-0864	EA	18' Clump Form Quercus rubra - Red Oak	368.36	
32 93 43 00-0865	EA	20' Clump Form Quercus rubra - Red Oak	410.87	
32 93 43 00-0866	EA	2" Caliper Quercus shumardii - Shumard Oak	160.57	
32 93 43 00-0867	EA	2-1/2" Caliper Quercus shumardii - Shumard Oak	203.07	
32 93 43 00-0868	EA	3" Caliper Quercus shumardii - Shumard Oak	236.13	
32 93 43 00-0869	EA	3-1/2" Caliper Quercus shumardii - Shumard Oak	283.36	
32 93 43 00-0870	EA	4" Caliper Quercus shumardii - Shumard Oak	330.58	
32 93 43 00-0871	EA	4-1/2" Caliper Quercus shumardii - Shumard Oak	377.81	
32 93 43 00-0872	EA	5" Caliper Quercus shumardii - Shumard Oak	425.03	
32 93 43 00-0873	EA	2" Caliper Quercus schuettii - Swamp Bur Oak	141.68	
32 93 43 00-0874	EA	2-1/2" Caliper Quercus schuettii - Swamp Bur Oak	170.01	
32 93 43 00-0875	EA	3" Caliper Quercus schuettii - Swamp Bur Oak	212.52	
32 93 43 00-0876	EA	3-1/2" Caliper Quercus schuettii - Swamp Bur Oak	259.74	
32 93 43 00-0877	EA	4" Caliper Quercus schuettii - Swamp Bur Oak	302.25	
32 93 43 00-0878	EA	4-1/2" Caliper Quercus schuettii - Swamp Bur Oak	340.03	
32 93 43 00-0879	EA	1-1/2" Caliper Quercus suber - Cork Oak	557.77	
32 93 43 00-0880	EA	2" Caliper Quercus suber - Cork Oak	772.92	
32 93 43 00-0881	EA	2-1/2" Caliper Quercus suber - Cork Oak	988.06	
32 93 43 00-0882	EA	3" Caliper Quercus suber - Cork Oak	1,235.07	
32 93 43 00-0883	EA	3-1/2" Caliper Quercus suber - Cork Oak	1,852.61	
32 93 43 00-0884	EA	4" Caliper Quercus suber - Cork Oak	2,390.46	
32 93 43 00-0885	EA	4-1/2" Caliper Quercus suber - Cork Oak	3,107.60	
32 93 43 00-0886	EA	1-1/2" Caliper Quercus ilex - Holly Oak	617.54	
32 93 43 00-0887	EA	2" Caliper Quercus ilex - Holly Oak	832.68	
32 93 43 00-0888	EA	2-1/2" Caliper Quercus ilex - Holly Oak	1,019.93	
32 93 43 00-0889	EA	3" Caliper Quercus ilex - Holly Oak	1,235.07	
32 93 43 00-0890	EA	3-1/2" Caliper Quercus ilex - Holly Oak	1,852.61	
32 93 43 00-0891	EA	4" Caliper Quercus ilex - Holly Oak	2,390.46	
32 93 43 00-0892	EA	24" Box Salix babylonica - Weeping Willow	119.37	
32 93 43 00-0893	EA	36" Box Salix babylonica - Weeping Willow	298.44	
32 93 43 00-0894	EA	1-1/2" To 2" Caliper Salix babylonica - Weeping Willow	68.65	
32 93 43 00-0895	EA	2" To 2-1/2" Caliper Salix babylonica - Weeping Willow	82.08	
32 93 43 00-0896	EA	2-1/2" To 3" Caliper Salix babylonica - Weeping Willow	89.54	
32 93 43 00-0897	EA	2" Caliper Salix alba & cvs - White Willow	75.56	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0898	EA	2-1/2" Caliper Salix alba & cvs - White Willow	89.73	
32 93 43 00-0899	EA	3" Caliper Salix alba & cvs - White Willow	118.07	
32 93 43 00-0900	EA	3-1/2" Caliper Salix alba & cvs - White Willow	141.68	
32 93 43 00-0901	EA	4" Caliper Salix alba & cvs - White Willow	170.01	
32 93 43 00-0902	EA	4-1/2" Caliper Salix alba & cvs - White Willow	198.35	
32 93 43 00-0903	EA	5" Caliper Salix alba & cvs - White Willow	226.69	
32 93 43 00-0904	EA	5' Clump Form Sassafras albidum - Common Sassafras	89.73	
32 93 43 00-0905	EA	6' Clump Form Sassafras albidum - Common Sassafras	108.62	
32 93 43 00-0906	EA	7' Clump Form Sassafras albidum - Common Sassafras	136.96	
32 93 43 00-0907	EA	8' Clump Form Sassafras albidum - Common Sassafras	155.85	
32 93 43 00-0908	EA	10' Clump Form Sassafras albidum - Common Sassafras	174.74	
32 93 43 00-0909	EA	12' Clump Form Sassafras albidum - Common Sassafras	212.52	
32 93 43 00-0910	EA	14' Clump Form Sassafras albidum - Common Sassafras	259.74	
32 93 43 00-0911	EA	16' Clump Form Sassafras albidum - Common Sassafras	306.97	
32 93 43 00-0912	EA	1-3/4" Caliper Sophora japonica - Chinese Scholar	156.41	
32 93 43 00-0913	EA	2" Caliper Sophora japonica - Chinese Scholar	173.79	
32 93 43 00-0914	EA	2-1/2" Caliper Sophora japonica - Chinese Scholar	233.53	
32 93 43 00-0915	EA	3" Caliper Sophora japonica - Chinese Scholar	304.14	
32 93 43 00-0916	EA	3-1/2" Caliper Sophora japonica - Chinese Scholar	353.02	
32 93 43 00-0917	EA	10' To 12' Swietenia Mahagoni - Mahogany	83.64	
32 93 43 00-0918	EA	12' To 14' Swietenia Mahagoni - Mahogany	97.76	
32 93 43 00-0919	EA	14' To 16' Swietenia Mahagoni - Mahogany	130.34	
32 93 43 00-0920	EA	16' To 18' Swietenia Mahagoni - Mahogany	146.64	
32 93 43 00-0921	EA	2" Caliper Taxodium distichum - Common Bald Cypress	118.07	
32 93 43 00-0922	EA	2-1/2" Caliper Taxodium distichum - Common Bald Cypress	136.96	
32 93 43 00-0923	EA	3" Caliper Taxodium distichum - Common Bald Cypress	165.29	
32 93 43 00-0924	EA	3-1/2" Caliper Taxodium distichum - Common Bald Cypress	188.90	
32 93 43 00-0925	EA	4" Caliper Taxodium distichum - Common Bald Cypress	207.79	
32 93 43 00-0926	EA	6' Clump Form Taxodium distichum - Common Bald Cypress	103.90	
32 93 43 00-0927	EA	7' Clump Form Taxodium distichum - Common Bald Cypress	118.07	
32 93 43 00-0928	EA	8' Clump Form Taxodium distichum - Common Bald Cypress	170.01	
32 93 43 00-0929	EA	10' Clump Form Taxodium distichum - Common Bald Cypress	188.90	
32 93 43 00-0930	EA	12' Clump Form Taxodium distichum - Common Bald Cypress	212.52	
32 93 43 00-0931	EA	14' Clump Form Taxodium distichum - Common Bald Cypress	245.58	
32 93 43 00-0932	EA	16' Clump Form Taxodium distichum - Common Bald Cypress	283.36	
32 93 43 00-0933	EA	2' Thuja occidentalis - American Arborviatae	16.18	
32 93 43 00-0934	EA	2-1/2' Thuja occidentalis - American Arborviatae	17.49	
32 93 43 00-0935	EA	3' Thuja occidentalis - American Arborviatae	24.98	
32 93 43 00-0936	EA	4' Thuja occidentalis - American Arborviatae	34.32	
32 93 43 00-0937	EA	5' Thuja occidentalis - American Arborviatae	47.79	
32 93 43 00-0938	EA	6' Thuja occidentalis - American Arborviatae	66.26	
32 93 43 00-0939	EA	7' Thuja occidentalis - American Arborviatae	80.38	
32 93 43 00-0940	EA	8' Thuja occidentalis - American Arborviatae	112.96	
32 93 43 00-0941	EA	2" Caliper Tilia americana & cvs - American Linden Basswood	118.07	
32 93 43 00-0942	EA	2-1/2" Caliper Tilia americana & cvs - American Linden Basswood	136.96	
32 93 43 00-0943	EA	3" Caliper Tilia americana & cvs - American Linden Basswood	174.74	
32 93 43 00-0944	EA	3-1/2" Caliper Tilia americana & cvs - American Linden Basswood	203.07	
32 93 43 00-0945	EA	4" Caliper Tilia americana & cvs - American Linden Basswood	231.41	
32 93 43 00-0946	EA	4-1/2" Caliper Tilia americana & cvs - American Linden Basswood	259.74	
32 93 43 00-0947	EA	5" Caliper Tilia americana & cvs - American Linden Basswood	283.36	
32 93 43 00-0948	EA	10' Clump Form Tilia americana & cvs - American Linden Basswood	151.12	
32 93 43 00-0949	EA	12' Clump Form Tilia americana & cvs - American Linden Basswood	165.29	
32 93 43 00-0950	EA	14' Clump Form Tilia americana & cvs - American Linden Basswood	188.90	
32 93 43 00-0951	EA	16' Clump Form Tilia americana & cvs - American Linden Basswood	217.24	
32 93 43 00-0952	EA	2" Caliper Tilia cordata & cvs - Littleleaf Linden	118.77	
32 93 43 00-0953	EA	2-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	143.47	
32 93 43 00-0954	EA	3" Caliper Tilia cordata & cvs - Littleleaf Linden	165.29	
32 93 43 00-0955	EA	3-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	203.07	
32 93 43 00-0956	EA	4" Caliper Tilia cordata & cvs - Littleleaf Linden	231.41	
32 93 43 00-0957	EA	4-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	259.74	
32 93 43 00-0958	EA	5" Caliper Tilia cordata & cvs - Littleleaf Linden	288.08	
32 93 43 00-0959	EA	2" Caliper Tilia tomentosa & cvs - Silver Linden	132.23	
32 93 43 00-0960	EA	2-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	146.40	
32 93 43 00-0961	EA	3" Caliper Tilia tomentosa & cvs - Silver Linden	160.57	
32 93 43 00-0962	EA	3-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	179.46	
32 93 43 00-0963	EA	4" Caliper Tilia tomentosa & cvs - Silver Linden	207.79	
32 93 43 00-0964	EA	4-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	245.58	
32 93 43 00-0965	EA	5" Caliper Tilia tomentosa & cvs - Silver Linden	321.14	
32 93 43 00-0966	EA	2" Caliper Tilia x euchlora - Crimean Linden	132.23	
32 93 43 00-0967	EA	2-1/2" Caliper Tilia x euchlora - Crimean Linden	170.01	
32 93 43 00-0968	EA	3" Caliper Tilia x euchlora - Crimean Linden	207.79	
32 93 43 00-0969	EA	3-1/2" Caliper Tilia x euchlora - Crimean Linden	236.13	
32 93 43 00-0970	EA	4" Caliper Tilia x euchlora - Crimean Linden	264.47	
32 93 43 00-0971	EA	4-1/2" Caliper Tilia x euchlora - Crimean Linden	297.52	
32 93 43 00-0972	EA	5" Caliper Tilia x euchlora - Crimean Linden	321.14	
32 93 43 00-0973	EA	2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	132.23	
32 93 43 00-0974	EA	2-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	151.12	
32 93 43 00-0975	EA	3" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	165.29	
32 93 43 00-0976	EA	3-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	179.46	
32 93 43 00-0977	EA	4" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	198.35	
32 93 43 00-0978	EA	4-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	236.13	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0979	EA	5" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	278.63	
32 93 43 00-0980	EA	2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	151.12	
32 93 43 00-0981	EA	2-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	165.29	
32 93 43 00-0982	EA	3" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	179.46	
32 93 43 00-0983	EA	3-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	198.35	
32 93 43 00-0984	EA	4" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	236.13	
32 93 43 00-0985	EA	4-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	278.63	
32 93 43 00-0986	EA	5" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	321.14	
32 93 43 00-0987	EA	2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	151.12	
32 93 43 00-0988	EA	2-1/2" Mary-Louise Parker Ulmus x `Regal' - Regal Hybrid Elm	165.29	
32 93 43 00-0989	EA	3" Caliper Ulmus x `Regal' - Regal Hybrid Elm	179.46	
32 93 43 00-0990	EA	3-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	198.35	
32 93 43 00-0991	EA	4" Caliper Ulmus x `Regal' - Regal Hybrid Elm	236.13	
32 93 43 00-0992	EA	4-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	278.63	
32 93 43 00-0993	EA	5" Caliper Ulmus x `Regal' - Regal Hybrid Elm	321.14	
32 93 43 00-0994		**Evergreen Trees** *(32 93 43)*		
		Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.		
32 93 43 00-0995	EA	6' Abies balsamea - Balsam Fir	115.49	
32 93 43 00-0996	EA	7' Abies balsamea - Balsam Fir	144.36	
32 93 43 00-0997	EA	8' Abies balsamea - Balsam Fir	173.23	
32 93 43 00-0998	EA	9' Abies balsamea - Balsam Fir	230.97	
32 93 43 00-0999	EA	10' Abies balsamea - Balsam Fir	288.72	
32 93 43 00-1000	EA	12' Abies balsamea - Balsam Fir	346.46	
32 93 43 00-1001	EA	6' Abies concolor - White Fir	167.46	
32 93 43 00-1002	EA	7' Abies concolor - White Fir	190.55	
32 93 43 00-1003	EA	8' Abies concolor - White Fir	225.20	
32 93 43 00-1004	EA	9' Abies concolor - White Fir	259.85	
32 93 43 00-1005	EA	10' Abies concolor - White Fir	306.04	
32 93 43 00-1006	EA	12' Abies concolor - White Fir	375.33	
32 93 43 00-1007	EA	14' Abies concolor - White Fir	461.95	
32 93 43 00-1008	EA	16' Abies concolor - White Fir	519.69	
32 93 43 00-1009	EA	6' Abies fraseri - Frasier Fir	115.49	
32 93 43 00-1010	EA	7' Abies fraseri - Frasier Fir	144.36	
32 93 43 00-1011	EA	8' Abies fraseri - Frasier Fir	173.23	
32 93 43 00-1012	EA	9' Abies fraseri - Frasier Fir	230.97	
32 93 43 00-1013	EA	10' Abies fraseri - Frasier Fir	288.72	
32 93 43 00-1014	EA	12' Abies fraseri - Frasier Fir	346.46	
32 93 43 00-1015	EA	5 Gallon Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	31.25	
32 93 43 00-1016	EA	15 Gallon Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	216.99	
32 93 43 00-1017	EA	24" Box Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	433.98	
32 93 43 00-1018	EA	36" Box Araucaria heterophylla (Araucaria excelsa) - Norfolk Island Pine, Star Pine	1,041.54	
32 93 43 00-1019	EA	1 Gallon Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	6.35	
32 93 43 00-1020	EA	5 Gallon Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	23.95	
32 93 43 00-1021	EA	15 Gallon Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	77.23	
32 93 43 00-1022	EA	24" Box Bauhinia variegata (Bauhinia purpurea) - Purple Orchid Tree	185.74	
32 93 43 00-1023	EA	5 Gallon Bauhinia blakeana - Hong Kong Orchid Tree	17.60	
32 93 43 00-1024	EA	15 Gallon Bauhinia blakeana - Hong Kong Orchid Tree	77.23	
32 93 43 00-1025	EA	24" Box Bauhinia blakeana - Hong Kong Orchid Tree	185.74	
32 93 43 00-1026	EA	1 Gallon Callistemon viminalis - Weeping Bottlebrush	7.81	
32 93 43 00-1027	EA	5 Gallon Callistemon viminalis - Weeping Bottlebrush	24.30	
32 93 43 00-1028	EA	15 Gallon Callistemon viminalis - Weeping Bottlebrush	85.06	
32 93 43 00-1029	EA	24" Box Callistemon viminalis - Weeping Bottlebrush	277.74	
32 93 43 00-1030	EA	36" Box Callistemon viminalis - Weeping Bottlebrush	781.16	
32 93 43 00-1031	EA	2' To 3' Cedrus atlantica - Blue Atlas Cedar	20.80	
32 93 43 00-1032	EA	3' To 4' Cedrus atlantica - Blue Atlas Cedar	33.44	
32 93 43 00-1033	EA	4' To 5' Cedrus atlantica - Blue Atlas Cedar	49.68	
32 93 43 00-1034	EA	5' To 6' Cedrus atlantica - Blue Atlas Cedar	66.83	
32 93 43 00-1035	EA	7' To 8' Cedrus atlantica - Blue Atlas Cedar	94.88	
32 93 43 00-1036	EA	1 Gallon Cedrus deodara - Deodar Cedar	17.19	
32 93 43 00-1037	EA	5 Gallon Cedrus deodara - Deodar Cedar	31.25	
32 93 43 00-1038	EA	15 Gallon Cedrus deodara - Deodar Cedar	137.14	
32 93 43 00-1039	EA	24" Box Cedrus deodara - Deodar Cedar	433.98	
32 93 43 00-1040	EA	36" Box Cedrus deodara - Deodar Cedar	954.74	
32 93 43 00-1041	EA	6' Cedrus decurrens - Incese Cedar	96.95	
32 93 43 00-1042	EA	8' Cedrus decurrens - Incese Cedar	200.54	
32 93 43 00-1043	EA	10' Cedrus decurrens - Incese Cedar	265.62	
32 93 43 00-1044	EA	12' Cedrus decurrens - Incese Cedar	351.95	
32 93 43 00-1045	EA	6' To 8' Cedrus deodara - Indian Cedar	85.85	
32 93 43 00-1046	EA	8' To 10' Cedrus deodara - Indian Cedar	99.40	
32 93 43 00-1047	EA	10' To 12' Cedrus deodara - Indian Cedar	135.53	
32 93 43 00-1048	EA	12' To 14' Cedrus deodara - Indian Cedar	176.18	
32 93 43 00-1049	EA	14' To 16' Cedrus deodara - Indian Cedar	225.90	
32 93 43 00-1050	EA	5 Gallon Cedrus libani - Cedar of Lebanon	31.25	
32 93 43 00-1051	EA	15 Gallon Cedrus libani - Cedar of Lebanon	137.14	
32 93 43 00-1052	EA	24" Box Cedrus libani - Cedar of Lebanon	329.82	
32 93 43 00-1053	EA	36" Box Cedrus libani - Cedar of Lebanon	954.74	
32 93 43 00-1054	EA	15 Gallon Celtis australis - European Hackberry	112.83	
32 93 43 00-1055	EA	24" Box Celtis australis - European Hackberry	390.58	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-1056	EA	15" To 18" Chamaecyparis obtusa - Compact Hinoki Cypress	26.84	
32 93 43 00-1057	EA	18" To 24" Chamaecyparis obtusa - Compact Hinoki Cypress	40.26	
32 93 43 00-1058	EA	2' To 3' Chamaecyparis obtusa - Compact Hinoki Cypress	62.62	
32 93 43 00-1059	EA	3' To 4' Chamaecyparis obtusa - Compact Hinoki Cypress	107.35	
32 93 43 00-1060	EA	4' To 5' Chamaecyparis pisifera - Sawara Cypress	32.53	
32 93 43 00-1061	EA	5' To 6' Chamaecyparis pisifera - Sawara Cypress	50.63	
32 93 43 00-1062	EA	6' To 7' Chamaecyparis pisifera - Sawara Cypress	63.23	
32 93 43 00-1063	EA	7' To 8' Chamaecyparis pisifera - Sawara Cypress	90.37	
32 93 43 00-1064	EA	1 Gallon Cinnamomum camphora - Camphor Tree	11.28	
32 93 43 00-1065	EA	5 Gallon Cinnamomum camphora - Camphor Tree	31.25	
32 93 43 00-1066	EA	15 Gallon Cinnamomum camphora - Camphor Tree	85.06	
32 93 43 00-1067	EA	24" Box Cinnamomum camphora - Camphor Tree	277.74	
32 93 43 00-1068	EA	36" Box Cinnamomum camphora - Camphor Tree	781.16	
32 93 43 00-1069	EA	1 Gallon Cleyera japonica - Japanese Cleyera	3.66	
32 93 43 00-1070	EA	3 Gallon Cleyera japonica - Japanese Cleyera	9.18	
32 93 43 00-1071	EA	7 Gallon Cleyera japonica - Japanese Cleyera	26.30	
32 93 43 00-1072	EA	5 Gallon Cupressocyparis leylandii - Leyland Cypress	14.76	
32 93 43 00-1073	EA	15 Gallon Cupressocyparis leylandii - Leyland Cypress	59.06	
32 93 43 00-1074	EA	4' To 5' Cupressocyparis leylandii - Leyland Cypress	25.84	
32 93 43 00-1075	EA	5' To 6' Cupressocyparis leylandii - Leyland Cypress	33.22	
32 93 43 00-1076	EA	6' To 7' Cupressocyparis leylandii - Leyland Cypress	51.68	
32 93 43 00-1077	EA	24" Box Cupressocyparis leylandii - Leyland Cypress	125.50	
32 93 43 00-1078	EA	1 Gallon Cupressus macrocarpa - Monterey Cypress	2.69	
32 93 43 00-1079	EA	5 Gallon Cupressus macrocarpa - Monterey Cypress	12.12	
32 93 43 00-1080	EA	15 Gallon Cupressus macrocarpa - Monterey Cypress	40.39	
32 93 43 00-1081	EA	5 Gallon Cupressus sempervirens - Italian Cypress	13.90	
32 93 43 00-1082	EA	15 Gallon Cupressus sempervirens - Italian Cypress	38.21	
32 93 43 00-1083	EA	1 Gallon Eriobotrya deflexa - Bronze Loquat	11.28	
32 93 43 00-1084	EA	5 Gallon Eriobotrya deflexa - Bronze Loquat	31.25	
32 93 43 00-1085	EA	15 Gallon Eriobotrya deflexa - Bronze Loquat	137.14	
32 93 43 00-1086	EA	24" Box Eriobotrya deflexa - Bronze Loquat	329.82	
32 93 43 00-1087	EA	36" Box Eriobotrya deflexa - Bronze Loquat	954.74	
32 93 43 00-1088	EA	1 Gallon Heteromeles arbutifolia - Toyon	11.28	
32 93 43 00-1089	EA	5 Gallon Heteromeles arbutifolia - Toyon	31.25	
32 93 43 00-1090	EA	15 Gallon Heteromeles arbutifolia - Toyon	104.14	
32 93 43 00-1091	EA	24" Box Heteromeles arbutifolia - Toyon	329.82	
32 93 43 00-1092	EA	1 Gallon Illicium anisatum - Anise Tree	3.97	
32 93 43 00-1093	EA	3 Gallon Illicium anisatum - Anise Tree	9.18	
32 93 43 00-1094	EA	1 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	4.08	
32 93 43 00-1095	EA	2 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	7.99	
32 93 43 00-1096	EA	3 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	9.90	
32 93 43 00-1097	EA	5 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	11.64	
32 93 43 00-1098	EA	1 Gallon Juniperus - Blue Sargent Juniper	4.08	
32 93 43 00-1099	EA	2 Gallon Juniperus - Blue Sargent Juniper	7.99	
32 93 43 00-1100	EA	3 Gallon Juniperus - Blue Sargent Juniper	9.90	
32 93 43 00-1101	EA	5 Gallon Juniperus - Blue Sargent Juniper	11.64	
32 93 43 00-1102	EA	5 Gallon Juniperus - Compact Pfitzer Juniper	11.64	
32 93 43 00-1103	EA	15" To 18" Juniperus - Compact Pfitzer Juniper	12.59	
32 93 43 00-1104	EA	18" To 24" Juniperus - Compact Pfitzer Juniper	15.20	
32 93 43 00-1105	EA	2' To 2 1/2' Juniperus - Compact Pfitzer Juniper	22.58	
32 93 43 00-1106	EA	2 1/2' To 3' Juniperus - Compact Pfitzer Juniper	26.14	
32 93 43 00-1107	EA	5' To 6' Juniperus - Fairview Juniper	38.94	
32 93 43 00-1108	EA	1 Gallon Juniperus - Hollywood Juniper	5.21	
32 93 43 00-1109	EA	5 Gallon Juniperus - Hollywood Juniper	14.50	
32 93 43 00-1110	EA	15 Gallon Juniperus - Hollywood Juniper	61.49	
32 93 43 00-1111	EA	4' To 5' Juniperus - Hollywood Juniper	40.65	
32 93 43 00-1112	EA	5' To 6' Juniperus - Hollywood Juniper	52.37	
32 93 43 00-1113	EA	1 Gallon Juniperus - Parson's Juniper	4.08	
32 93 43 00-1114	EA	2 Gallon Juniperus - Parson's Juniper	8.08	
32 93 43 00-1115	EA	3 Gallon Juniperus - Parson's Juniper	9.99	
32 93 43 00-1116	EA	5 Gallon Juniperus - Parson's Juniper	11.81	
32 93 43 00-1117	EA	5 Gallon Juniperus - Skyrocket Juniper	14.59	
32 93 43 00-1118	EA	15 Gallon Juniperus - Skyrocket Juniper	62.10	
32 93 43 00-1119	EA	2' To 3' Juniperus - Skyrocket Juniper	21.89	
32 93 43 00-1120	EA	3' To 4' Juniperus - Skyrocket Juniper	31.01	
32 93 43 00-1121	EA	4' To 5' Juniperus - Skyrocket Juniper	41.08	
32 93 43 00-1122	EA	5' To 6' Juniperus - Skyrocket Juniper	52.98	
32 93 43 00-1123	EA	6' To 8' Juniperus - Skyrocket Juniper	68.44	
32 93 43 00-1124	EA	1 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	4.08	
32 93 43 00-1125	EA	2 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	8.03	
32 93 43 00-1126	EA	3 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	9.86	
32 93 43 00-1127	EA	5 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	11.68	
32 93 43 00-1128	EA	1 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	4.08	
32 93 43 00-1129	EA	2 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	8.03	
32 93 43 00-1130	EA	3 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	9.86	
32 93 43 00-1131	EA	5 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	11.68	
32 93 43 00-1132	EA	2' To 3' Juniperus virginiana - Eastern Red Cedar	21.89	
32 93 43 00-1133	EA	3' To 4' Juniperus virginiana - Eastern Red Cedar	31.01	
32 93 43 00-1134	EA	4' To 5' Juniperus virginiana - Eastern Red Cedar	41.08	
32 93 43 00-1135	EA	5' To 6' Juniperus virginiana - Eastern Red Cedar	52.98	
32 93 43 00-1136	EA	1 Gallon Laurus nobilis - Sweet Bay	7.81	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-1137	EA	5 Gallon Laurus nobilis - Sweet Bay	24.30	
32 93 43 00-1138	EA	15 Gallon Laurus nobilis - Sweet Bay	85.06	
32 93 43 00-1139	EA	24" Box Laurus nobilis - Sweet Bay	277.74	
32 93 43 00-1140	EA	36" Box Laurus nobilis - Sweet Bay	954.74	
32 93 43 00-1141	EA	5 Gallon Lophostemon confertus (Tristania conferta) - Brisbane Box	24.30	
32 93 43 00-1142	EA	15 Gallon Lophostemon confertus (Tristania conferta) - Brisbane Box	85.06	
32 93 43 00-1143	EA	24" Box Lophostemon confertus (Tristania conferta) - Brisbane Box	277.74	
32 93 43 00-1144	EA	36" Box Lophostemon confertus (Tristania conferta) - Brisbane Box	781.16	
32 93 43 00-1145	EA	1 Gallon Lyonothamnus floribundus - Catalina Ironwood	17.19	
32 93 43 00-1146	EA	5 Gallon Lyonothamnus floribundus - Catalina Ironwood	42.53	
32 93 43 00-1147	EA	15 Gallon Lyonothamnus floribundus - Catalina Ironwood	216.99	
32 93 43 00-1148	EA	24" Box Lyonothamnus floribundus - Catalina Ironwood	433.98	
32 93 43 00-1149	EA	1 Gallon Lyonothamnus floribundus ssp. asplenifolius - Catalinia Ironwood	17.34	
32 93 43 00-1150	EA	5 Gallon Lyonothamnus floribundus ssp. asplenifolius - Catalinia Ironwood	52.06	
32 93 43 00-1151	EA	6' Melaleuca linariifolia - Flaxleaf Paperbark	278.90	
32 93 43 00-1152	EA	8' Melaleuca linariifolia - Flaxleaf Paperbark	371.87	
32 93 43 00-1153	EA	10' Melaleuca linariifolia - Flaxleaf Paperbark	464.84	
32 93 43 00-1154	EA	12' Melaleuca linariifolia - Flaxleaf Paperbark	557.80	
32 93 43 00-1155	EA	1 Gallon Melaleuca linariifolia - Flaxleaf Paperbark	7.77	
32 93 43 00-1156	EA	5 Gallon Melaleuca linariifolia - Flaxleaf Paperbark	24.17	
32 93 43 00-1157	EA	15 Gallon Melaleuca linariifolia - Flaxleaf Paperbark	84.60	
32 93 43 00-1158	EA	24" Box Melaleuca linariifolia - Flaxleaf Paperbark	276.24	
32 93 43 00-1159	EA	6' Melaleuca quinquenervia - Cajeput Tree	278.90	
32 93 43 00-1160	EA	8' Melaleuca quinquenervia - Cajeput Tree	371.87	
32 93 43 00-1161	EA	10' Melaleuca quinquenervia - Cajeput Tree	464.84	
32 93 43 00-1162	EA	12' Melaleuca quinquenervia - Cajeput Tree	557.80	
32 93 43 00-1163	EA	24" Box Melaleuca quinquenervia - Cajeput Tree	155.39	
32 93 43 00-1164	EA	30" Box Melaleuca quinquenervia - Cajeput Tree	391.79	
32 93 43 00-1165	EA	36" Box Melaleuca quinquenervia - Cajeput Tree	617.57	
32 93 43 00-1166	EA	4' Metrosideros excelsus - New Zealand Christmas Tree	82.34	
32 93 43 00-1167	EA	5' Metrosideros excelsus - New Zealand Christmas Tree	111.56	
32 93 43 00-1168	EA	6' Metrosideros excelsus - New Zealand Christmas Tree	189.92	
32 93 43 00-1169	EA	8' Metrosideros excelsus - New Zealand Christmas Tree	235.07	
32 93 43 00-1170	EA	24" Box Metrosideros excelsus - New Zealand Christmas Tree	156.41	
32 93 43 00-1171	EA	1 Gallon Photinia fraseri - Fraser's Photinia	7.81	
32 93 43 00-1172	EA	5 Gallon Photinia fraseri - Fraser's Photinia	67.70	
32 93 43 00-1173	EA	15 Gallon Photinia fraseri - Fraser's Photinia	102.42	
32 93 43 00-1174	EA	24" Box Photinia fraseri - Fraser's Photinia	329.82	
32 93 43 00-1175	EA	5' Picea abies & cvs - Norway Spruce	127.04	
32 93 43 00-1176	EA	6' Picea abies & cvs - Norway Spruce	144.36	
32 93 43 00-1177	EA	7' Picea abies & cvs - Norway Spruce	173.23	
32 93 43 00-1178	EA	8' Picea abies & cvs - Norway Spruce	202.10	
32 93 43 00-1179	EA	9' Picea abies & cvs - Norway Spruce	271.39	
32 93 43 00-1180	EA	10' Picea abies & cvs - Norway Spruce	329.14	
32 93 43 00-1181	EA	12' Picea abies & cvs - Norway Spruce	404.20	
32 93 43 00-1182	EA	14' Picea abies & cvs - Norway Spruce	490.82	
32 93 43 00-1183	EA	6' Picea glauca - White Spruce	121.26	
32 93 43 00-1184	EA	7' Picea glauca - White Spruce	173.23	
32 93 43 00-1185	EA	8' Picea glauca - White Spruce	202.10	
32 93 43 00-1186	EA	9' Picea glauca - White Spruce	242.52	
32 93 43 00-1187	EA	10' Picea glauca - White Spruce	288.72	
32 93 43 00-1188	EA	12' Picea glauca - White Spruce	346.46	
32 93 43 00-1189	EA	4' Picea glauca densata - Black Hills Spruce	69.29	
32 93 43 00-1190	EA	5' Picea glauca densata - Black Hills Spruce	103.94	
32 93 43 00-1191	EA	6' Picea glauca densata - Black Hills Spruce	155.91	
32 93 43 00-1192	EA	7' Picea glauca densata - Black Hills Spruce	184.78	
32 93 43 00-1193	EA	8' Picea glauca densata - Black Hills Spruce	213.65	
32 93 43 00-1194	EA	9' Picea glauca densata - Black Hills Spruce	236.75	
32 93 43 00-1195	EA	10' Picea glauca densata - Black Hills Spruce	259.85	
32 93 43 00-1196	EA	1 Gallon Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	6.08	
32 93 43 00-1197	EA	5 Gallon Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	17.36	
32 93 43 00-1198	EA	15 Gallon Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	67.70	
32 93 43 00-1199	EA	24" Box Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	277.74	
32 93 43 00-1200	EA	36" Box Melaleuca citrina (Callistemon citrinus) - Lemon Bottlebrush	781.16	
32 93 43 00-1201	EA	1 Gallon Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	7.81	
32 93 43 00-1202	EA	5 Gallon Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	24.30	
32 93 43 00-1203	EA	15 Gallon Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	85.06	
32 93 43 00-1204	EA	24" Box Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	277.74	
32 93 43 00-1205	EA	36" Box Melaleuca viminalis (Callistemon viminalis) - Weeping Bottle Brush	781.16	
32 93 43 00-1206	EA	1 Gallon Metrosideros excelsa - New Zealand Christmas Tree	6.35	
32 93 43 00-1207	EA	5 Gallon Metrosideros excelsa - New Zealand Christmas Tree	23.95	
32 93 43 00-1208	EA	15 Gallon Metrosideros excelsa - New Zealand Christmas Tree	77.23	
32 93 43 00-1209	EA	24" Box Olea europaea 'Swan Hill' - Swan Hill Olive	433.98	
32 93 43 00-1210	EA	36" Box Olea europaea 'Swan Hill' - Swan Hill Olive	1,041.54	
32 93 43 00-1211	EA	6' Picea omorika & cvs - Serbian Spruce	155.91	
32 93 43 00-1212	EA	7' Picea omorika & cvs - Serbian Spruce	173.23	
32 93 43 00-1213	EA	8' Picea omorika & cvs - Serbian Spruce	207.88	
32 93 43 00-1214	EA	9' Picea omorika & cvs - Serbian Spruce	242.52	
32 93 43 00-1215	EA	10' Picea omorika & cvs - Serbian Spruce	277.17	
32 93 43 00-1216	EA	5' Picea pungens - Colorado Green Spruce	127.04	
32 93 43 00-1217	EA	6' Picea pungens - Colorado Green Spruce	161.68	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-1218	EA	7' Picea pungens - Colorado Green Spruce	190.55	
32 93 43 00-1219	EA	8' Picea pungens - Colorado Green Spruce	219.43	
32 93 43 00-1220	EA	9' Picea pungens - Colorado Green Spruce	254.07	
32 93 43 00-1221	EA	10' Picea pungens - Colorado Green Spruce	479.27	
32 93 43 00-1222	EA	12' Picea pungens - Colorado Green Spruce	346.46	
32 93 43 00-1223	EA	14' Picea pungens - Colorado Green Spruce	404.20	
32 93 43 00-1224	EA	16' Picea pungens - Colorado Green Spruce	519.69	
32 93 43 00-1225	EA	5' Picea pungens glauca & cvs - Colorado Blue Spruce	127.04	
32 93 43 00-1226	EA	6' Picea pungens glauca & cvs - Colorado Blue Spruce	173.23	
32 93 43 00-1227	EA	7' Picea pungens glauca & cvs - Colorado Blue Spruce	202.10	
32 93 43 00-1228	EA	8' Picea pungens glauca & cvs - Colorado Blue Spruce	230.97	
32 93 43 00-1229	EA	9' Picea pungens glauca & cvs - Colorado Blue Spruce	259.85	
32 93 43 00-1230	EA	10' Picea pungens glauca & cvs - Colorado Blue Spruce	317.59	
32 93 43 00-1231	EA	12' Picea pungens glauca & cvs - Colorado Blue Spruce	404.20	
32 93 43 00-1232	EA	16' Picea pungens glauca & cvs - Colorado Blue Spruce	606.31	
32 93 43 00-1233	EA	6' Pinus canariensis - Canary Island Pine	318.74	
32 93 43 00-1234	EA	8' Pinus canariensis - Canary Island Pine	424.99	
32 93 43 00-1235	EA	10' Pinus canariensis - Canary Island Pine	531.24	
32 93 43 00-1236	EA	12' Pinus canariensis - Canary Island Pine	637.49	
32 93 43 00-1237	EA	1 Gallon Pinus canariensis - Canary Island Pine	11.28	
32 93 43 00-1238	EA	5 Gallon Pinus canariensis - Canary Island Pine	31.25	
32 93 43 00-1239	EA	15 Gallon Pinus canariensis - Canary Island Pine	102.42	
32 93 43 00-1240	EA	24" Box Pinus canariensis - Canary Island Pine	328.04	
32 93 43 00-1241	EA	1 Gallon Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	7.81	
32 93 43 00-1242	EA	5 Gallon Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	24.30	
32 93 43 00-1243	EA	15 Gallon Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	85.06	
32 93 43 00-1244	EA	24" Box Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	277.74	
32 93 43 00-1245	EA	36" Box Pinus eldarica - Eldarica Pine, Afghan Pine, Mondell Pine	781.16	
32 93 43 00-1246	EA	1 Gallon Pinus halepensis - Aleppo Pine	7.81	
32 93 43 00-1247	EA	5 Gallon Pinus halepensis - Aleppo Pine	24.30	
32 93 43 00-1248	EA	15 Gallon Pinus halepensis - Aleppo Pine	85.06	
32 93 43 00-1249	EA	24" Box Pinus halepensis - Aleppo Pine	277.74	
32 93 43 00-1250	EA	36" Box Pinus halepensis - Aleppo Pine	781.16	
32 93 43 00-1251	EA	1 Gallon Pinus muricata - Bishop Pine	17.34	
32 93 43 00-1252	EA	5 Gallon Pinus muricata - Bishop Pine	52.06	
32 93 43 00-1253	EA	15 Gallon Pinus patula - Jelecote Pine, Mexican Weeping Pine	112.83	
32 93 43 00-1254	EA	24" Box Pinus patula - Jelecote Pine, Mexican Weeping Pine	390.58	
32 93 43 00-1255	EA	6' Pinus pinea - Italian Stone Pine	318.74	
32 93 43 00-1256	EA	8' Pinus pinea - Italian Stone Pine	424.99	
32 93 43 00-1257	EA	10' Pinus pinea - Italian Stone Pine	531.24	
32 93 43 00-1258	EA	12' Pinus pinea - Italian Stone Pine	637.49	
32 93 43 00-1259	EA	1 Gallon Pinus pinea - Italian Stone Pine	11.22	
32 93 43 00-1260	EA	5 Gallon Pinus pinea - Italian Stone Pine	31.08	
32 93 43 00-1261	EA	15 Gallon Pinus pinea - Italian Stone Pine	101.87	
32 93 43 00-1262	EA	24" Box Pinus pinea - Italian Stone Pine	276.24	
32 93 43 00-1263	EA	36" Box Pinus pinea - Italian Stone Pine	776.94	
32 93 43 00-1264	EA	2' Pinus strobus - Pyramidal White Pine	15.99	
32 93 43 00-1265	EA	3' Pinus strobus - Pyramidal White Pine	21.37	
32 93 43 00-1266	EA	4' Pinus strobus - Pyramidal White Pine	23.57	
32 93 43 00-1267	EA	5' Pinus strobus - Pyramidal White Pine	25.78	
32 93 43 00-1268	EA	6' Pinus strobus - Pyramidal White Pine	32.12	
32 93 43 00-1269	EA	7' Pinus strobus - Pyramidal White Pine	42.74	
32 93 43 00-1270	EA	8' Pinus strobus - Pyramidal White Pine	58.73	
32 93 43 00-1271	EA	10' Pinus strobus - Pyramidal White Pine	117.18	
32 93 43 00-1272	EA	12' Pinus strobus - Pyramidal White Pine	278.47	
32 93 43 00-1273	EA	14' Pinus strobus - Pyramidal White Pine	373.59	
32 93 43 00-1274	EA	16' Pinus strobus - Pyramidal White Pine	449.41	
32 93 43 00-1275	EA	2' Pinus strobus - White Pine	24.57	
32 93 43 00-1276	EA	3' Pinus strobus - White Pine	35.06	
32 93 43 00-1277	EA	4' Pinus strobus - White Pine	55.91	
32 93 43 00-1278	EA	5' Pinus strobus - White Pine	79.69	
32 93 43 00-1279	EA	6' Pinus strobus - White Pine	116.87	
32 93 43 00-1280	EA	7' Pinus strobus - White Pine	139.45	
32 93 43 00-1281	EA	8' Pinus strobus - White Pine	188.59	
32 93 43 00-1282	EA	10' Pinus strobus - White Pine	253.67	
32 93 43 00-1283	EA	12' Pinus strobus - White Pine	336.01	
32 93 43 00-1284	EA	14' Pinus strobus - White Pine	411.71	
32 93 43 00-1285	EA	16' Pinus strobus - White Pine	500.69	
32 93 43 00-1286	EA	3' Pinus sylvestris - Scotch Pine	37.94	
32 93 43 00-1287	EA	4' Pinus sylvestris - Scotch Pine	52.66	
32 93 43 00-1288	EA	5' Pinus sylvestris - Scotch Pine	73.91	
32 93 43 00-1289	EA	6' Pinus sylvestris - Scotch Pine	102.55	
32 93 43 00-1290	EA	7' Pinus sylvestris - Scotch Pine	125.65	
32 93 43 00-1291	EA	8' Pinus sylvestris - Scotch Pine	177.39	
32 93 43 00-1292	EA	9' Pinus sylvestris - Scotch Pine	225.20	
32 93 43 00-1293	EA	10' Pinus sylvestris - Scotch Pine	259.85	
32 93 43 00-1294	EA	12' Pinus sylvestris - Scotch Pine	306.04	
32 93 43 00-1295	EA	14' Pinus sylvestris - Scotch Pine	346.46	
32 93 43 00-1296	EA	16' Pinus sylvestris - Scotch Pine	404.20	
32 93 43 00-1297	EA	5' To 6' Pinus taeda - Loblolly Pine	16.51	
32 93 43 00-1298	EA	1 Gallon Pinus thunbergiana - Japanese Black Pine	4.08	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-1299	EA	5 Gallon Pinus thunbergiana - Japanese Black Pine	14.50	
32 93 43 00-1300	EA	15 Gallon Pinus thunbergiana - Japanese Black Pine	46.99	
32 93 43 00-1301	EA	2' To 3' Pinus thunbergiana - Japanese Black Pine	19.89	
32 93 43 00-1302	EA	3' To 4' Pinus thunbergiana - Japanese Black Pine	25.27	
32 93 43 00-1303	EA	4' To 5' Pinus thunbergiana - Japanese Black Pine	37.95	
32 93 43 00-1304	EA	5' To 6' Pinus thunbergiana - Japanese Black Pine	74.08	
32 93 43 00-1305	EA	6' To 7' Pinus thunbergiana - Japanese Black Pine	83.12	
32 93 43 00-1306	EA	7' To 8' Pinus thunbergiana - Japanese Black Pine	103.87	
32 93 43 00-1307	EA	4' Pinus cembra - Swiss Stone Pine	98.16	
32 93 43 00-1308	EA	5' Pinus cembra - Swiss Stone Pine	121.26	
32 93 43 00-1309	EA	6' Pinus cembra - Swiss Stone Pine	150.13	
32 93 43 00-1310	EA	6' Pinus flexilis & cvs - Limber Pine	144.36	
32 93 43 00-1311	EA	7' Pinus flexilis & cvs - Limber Pine	167.46	
32 93 43 00-1312	EA	8' Pinus flexilis & cvs - Limber Pine	207.88	
32 93 43 00-1313	EA	9' Pinus flexilis & cvs - Limber Pine	254.07	
32 93 43 00-1314	EA	10' Pinus flexilis & cvs - Limber Pine	288.72	
32 93 43 00-1315	EA	1 Gallon Pinus mugo - Mugho Pine	5.38	
32 93 43 00-1316	EA	2 Gallon Pinus mugo - Mugho Pine	11.38	
32 93 43 00-1317	EA	3 Gallon Pinus mugo - Mugho Pine	14.24	
32 93 43 00-1318	EA	5 Gallon Pinus mugo - Mugho Pine	18.06	
32 93 43 00-1319	EA	12" To 15" Spread Pinus mugo - Mugho Pine	13.98	
32 93 43 00-1320	EA	15" To 18" Spread Pinus mugo - Mugho Pine	16.68	
32 93 43 00-1321	EA	18" To 24" Spread Pinus mugo - Mugho Pine	22.58	
32 93 43 00-1322	EA	2' To 2-1/2' Spread Pinus mugo - Mugho Pine	31.61	
32 93 43 00-1323	EA	2-1/2' To 3' Spread Pinus mugo - Mugho Pine	40.65	
32 93 43 00-1324	EA	3' To 3-1/2' Spread Pinus mugo - Mugho Pine	50.63	
32 93 43 00-1325	EA	3-1/2' To 4' Spread Pinus mugo - Mugho Pine	61.49	
32 93 43 00-1326	EA	6' Pinus nigra - Austrian Pine	144.36	
32 93 43 00-1327	EA	7' Pinus nigra - Austrian Pine	173.23	
32 93 43 00-1328	EA	8' Pinus nigra - Austrian Pine	225.20	
32 93 43 00-1329	EA	9' Pinus nigra - Austrian Pine	259.85	
32 93 43 00-1330	EA	10' Pinus nigra - Austrian Pine	306.04	
32 93 43 00-1331	EA	12' Pinus nigra - Austrian Pine	346.46	
32 93 43 00-1332	EA	14' Pinus nigra - Austrian Pine	386.88	
32 93 43 00-1333	EA	16' Pinus nigra - Austrian Pine	438.85	
32 93 43 00-1334	EA	5' Pinus peuce - Macedonian Pine	179.00	
32 93 43 00-1335	EA	6' Pinus peuce - Macedonian Pine	225.20	
32 93 43 00-1336	EA	7' Pinus peuce - Macedonian Pine	259.85	
32 93 43 00-1337	EA	8' Pinus peuce - Macedonian Pine	294.49	
32 93 43 00-1338	EA	9' Pinus peuce - Macedonian Pine	340.69	
32 93 43 00-1339	EA	1 Gallon Pinus torreyana - Torrey Pine	17.19	
32 93 43 00-1340	EA	5 Gallon Pinus torreyana - Torrey Pine	42.53	
32 93 43 00-1341	EA	15 Gallon Pinus torreyana - Torrey Pine	137.14	
32 93 43 00-1342	EA	24" Box Pinus torreyana - Torrey Pine	329.82	
32 93 43 00-1343	EA	36" Box Pinus torreyana - Torrey Pine	954.74	
32 93 43 00-1344	EA	6' Pittosporum undulatum - Victorian Box	175.31	
32 93 43 00-1345	EA	8' Pittosporum undulatum - Victorian Box	277.57	
32 93 43 00-1346	EA	10' Pittosporum undulatum - Victorian Box	365.23	
32 93 43 00-1347	EA	1 Gallon Podocarpus - Chinese Podocarpus	2.69	
32 93 43 00-1348	EA	3 Gallon Podocarpus - Chinese Podocarpus	6.25	
32 93 43 00-1349	EA	7 Gallon Podocarpus - Chinese Podocarpus	18.06	
32 93 43 00-1350	EA	15 Gallon Podocarpus - Chinese Podocarpus	29.36	
32 93 43 00-1351	EA	4' To 5' Podocarpus - Chinese Podocarpus	45.16	
32 93 43 00-1352	EA	1 Gallon Rhus lancea - African Sumac	11.28	
32 93 43 00-1353	EA	5 Gallon Rhus lancea - African Sumac	31.25	
32 93 43 00-1354	EA	15 Gallon Rhus lancea - African Sumac	85.06	
32 93 43 00-1355	EA	6' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	332.02	
32 93 43 00-1356	EA	8' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	438.27	
32 93 43 00-1357	EA	10' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	557.80	
32 93 43 00-1358	EA	12' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	664.05	
32 93 43 00-1359	EA	24" Box Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine	155.39	
32 93 43 00-1360	EA	1 Gallon Podocarpus macrophyllus - Yew Pine	6.18	
32 93 43 00-1361	EA	3 Gallon Podocarpus macrophyllus - Yew Pine	14.48	
32 93 43 00-1362	EA	5 Gallon Podocarpus macrophyllus - Yew Pine	18.99	
32 93 43 00-1363	EA	15 Gallon Podocarpus macrophyllus - Yew Pine	82.34	
32 93 43 00-1364	EA	24" Box Podocarpus macrophyllus - Yew Pine	159.37	
32 93 43 00-1365	EA	5' Pseudotsuga menziesii - Douglas Fir	115.49	
32 93 43 00-1366	EA	6' Pseudotsuga menziesii - Douglas Fir	138.58	
32 93 43 00-1367	EA	7' Pseudotsuga menziesii - Douglas Fir	173.23	
32 93 43 00-1368	EA	8' Pseudotsuga menziesii - Douglas Fir	207.88	
32 93 43 00-1369	EA	9' Pseudotsuga menziesii - Douglas Fir	259.85	
32 93 43 00-1370	EA	10' Pseudotsuga menziesii - Douglas Fir	306.04	
32 93 43 00-1371	EA	12' Pseudotsuga menziesii - Douglas Fir	346.46	
32 93 43 00-1372	EA	15 Gallon Prosopis alba 'Colorado' - Argentine Mesquite	98.93	
32 93 43 00-1373	EA	24" Box Prosopis alba 'Colorado' - Argentine Mesquite	343.69	
32 93 43 00-1374	EA	15 Gallon Prosopis hybrid 'Phoenix' - Phoenix Mesquite	98.93	
32 93 43 00-1375	EA	24" Box Prosopis hybrid 'Phoenix' - Phoenix Mesquite	343.69	
32 93 43 00-1376	EA	1 Gallon Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	11.28	
32 93 43 00-1377	EA	5 Gallon Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	42.53	
32 93 43 00-1378	EA	15 Gallon Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	95.47	
32 93 43 00-1379	EA	24" Box Prunus ilicifolia ssp lyonii (Prunus lyonii) - Catalina Cherry	329.82	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-1380	EA	24" Box Quercus engelmannii - Mesa Oak	416.62	
32 93 43 00-1381	EA	36" Box Quercus engelmannii - Mesa Oak	1,041.54	
32 93 43 00-1382	EA	5 Gallon Quillaja saponaria - Soapbark Tree	112.83	
32 93 43 00-1383	EA	15 Gallon Quillaja saponaria - Soapbark Tree	390.58	
32 93 43 00-1384	EA	24" Box Rhus lancea - African Sumac	164.02	
32 93 43 00-1385	EA	30" Box Rhus lancea - African Sumac	265.62	
32 93 43 00-1386	EA	8' Rhus lancea - African Sumac	398.43	
32 93 43 00-1387	EA	10' Rhus lancea - African Sumac	444.91	
32 93 43 00-1388	EA	12' Rhus lancea - African Sumac	531.24	
32 93 43 00-1389	EA	5' To 6' Sequoia sempervirens - Dawn Redwood	56.45	
32 93 43 00-1390	EA	6' To 8' Sequoia sempervirens - Dawn Redwood	76.21	
32 93 43 00-1391	EA	8' To 10' Sequoia sempervirens - Dawn Redwood	93.15	
32 93 43 00-1392	EA	3' To 4' Thuja occidentalis 'Wareana' - Siberian Arborvitae	10.88	
32 93 43 00-1393	EA	3' To 4' Thuja occidentalis ' Woodwadrii' - Woodward Arborvitae	21.35	
32 93 43 00-1394	EA	5' To 6' Taxodium distichum & cvs - Bald Cypress	40.12	
32 93 43 00-1395	EA	6' To 7' Taxodium distichum & cvs - Bald Cypress	50.16	
32 93 43 00-1396	EA	7' To 8' Taxodium distichum & cvs - Bald Cypress	62.01	
32 93 43 00-1397	EA	8' To 10' Taxodium distichum & cvs - Bald Cypress	78.47	
32 93 43 00-1398	EA	6' Tsuga canadensis - Northern Hemlock	115.49	
32 93 43 00-1399	EA	7' Tsuga canadensis - Northern Hemlock	144.36	
32 93 43 00-1400	EA	8' Tsuga canadensis - Northern Hemlock	196.33	
32 93 43 00-1401	EA	9' Tsuga canadensis - Northern Hemlock	230.97	
32 93 43 00-1402	EA	10' Tsuga canadensis - Northern Hemlock	259.85	
32 93 43 00-1403	EA	12' Tsuga canadensis - Northern Hemlock	288.72	
32 93 43 00-1404	EA	1 Gallon Tristania conferta - Brisbane Box	11.28	
32 93 43 00-1405	EA	5 Gallon Tristania conferta - Brisbane Box	31.25	
32 93 43 00-1406	EA	15 Gallon Tristania conferta - Brisbane Box	85.06	
32 93 43 00-1407	EA	24" Box Tristania conferta - Brisbane Box	277.74	
32 93 43 00-1408	EA	36" Box Tristania conferta - Brisbane Box	781.16	

32 93 43 00-1409 Palm And Subtropical Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-1410	EA	4' To 5' Acacia baileyana - Bailey Acacia	217.24	
32 93 43 00-1411	EA	6' Acacia baileyana - Bailey Acacia	260.69	
32 93 43 00-1412	EA	8' Acacia baileyana - Bailey Acacia	304.14	
32 93 43 00-1413	EA	10' Acacia baileyana - Bailey Acacia	380.17	
32 93 43 00-1414	EA	6' Agonis flexuosa - Peppermint Tree	130.34	
32 93 43 00-1415	EA	8' Agonis flexuosa - Peppermint Tree	162.93	
32 93 43 00-1416	EA	10' Agonis flexuosa - Peppermint Tree	195.52	
32 93 43 00-1417	EA	24" Box Agonis flexuosa - Peppermint Tree	162.39	
32 93 43 00-1418	EA	4' To 5' Archontophoenix cunninghamiana - King Palm	93.23	
32 93 43 00-1419	EA	6' To 8' Archontophoenix cunninghamiana - King Palm	145.02	
32 93 43 00-1420	EA	8' To 10' Archontophoenix cunninghamiana - King Palm	186.46	
32 93 43 00-1421	EA	10' To 12' Archontophoenix cunninghamiana - King Palm	248.61	
32 93 43 00-1422	EA	4' To 5' Arecastrum romanzoffianum - Queen Palm	70.63	
32 93 43 00-1423	EA	6' To 8' Arecastrum romanzoffianum - Queen Palm	98.88	
32 93 43 00-1424	EA	8' To 10' Arecastrum romanzoffianum - Queen Palm	127.13	
32 93 43 00-1425	EA	10' To 12' Arecastrum romanzoffianum - Queen Palm	155.38	
32 93 43 00-1426	EA	12' To 14' Arecastrum romanzoffianum - Queen Palm	188.34	
32 93 43 00-1427	EA	14' To 16' Arecastrum romanzoffianum - Queen Palm	235.42	
32 93 43 00-1428	EA	4' To 5' Bauninia blakeana - Hong Kong Orchid	404.93	
32 93 43 00-1429	EA	6' Bauninia blakeana - Hong Kong Orchid	480.27	
32 93 43 00-1430	EA	8' Bauninia blakeana - Hong Kong Orchid	640.36	
32 93 43 00-1431	EA	10' Bauninia blakeana - Hong Kong Orchid	800.44	
32 93 43 00-1432	EA	6' Bauhinia purpurea - Purple Orchid Tree	508.52	
32 93 43 00-1433	EA	8' Bauhinia purpurea - Purple Orchid Tree	678.02	
32 93 43 00-1434	EA	10' Bauhinia purpurea - Purple Orchid Tree	847.53	
32 93 43 00-1435	EA	24" Box Bauhinia purpurea - Purple Orchid Tree	220.36	
32 93 43 00-1436	EA	6' Bauhinia variegata candida - White Orchid Tree	565.02	
32 93 43 00-1437	EA	8' Bauhinia variegata candida - White Orchid Tree	753.36	
32 93 43 00-1438	EA	10' Bauhinia variegata candida - White Orchid Tree	941.70	
32 93 43 00-1439	EA	6' Callistemon citrinus - Crimson or Lemon Bottle Brush	293.27	
32 93 43 00-1440	EA	8' Callistemon citrinus - Crimson or Lemon Bottle Brush	391.03	
32 93 43 00-1441	EA	10' Callistemon citrinus - Crimson or Lemon Bottle Brush	488.79	
32 93 43 00-1442	EA	6' Callistemon viminalis - Weeping Bottle Brush	293.27	
32 93 43 00-1443	EA	8' Callistemon viminalis - Weeping Bottle Brush	391.03	
32 93 43 00-1444	EA	10' Callistemon viminalis - Weeping Bottle Brush	488.79	
32 93 43 00-1445	EA	12' Callistemon viminalis - Weeping Bottle Brush	586.55	
32 93 43 00-1446	EA	3' To 4' Chamaedorea radicalis - Dwarf Bamboo Palm	197.76	
32 93 43 00-1447	EA	5' To 6' Chamaedorea radicalis - Dwarf Bamboo Palm	310.76	
32 93 43 00-1448	EA	3' To 4' Chamaerops humilis - European Fan Palm	169.51	
32 93 43 00-1449	EA	5' To 6' Chamaerops humilis - European Fan Palm	226.01	
32 93 43 00-1450	EA	7' To 8' Chamaerops humilis - European Fan Palm	527.35	
32 93 43 00-1451	EA	9' To 10' Chamaerops humilis - European Fan Palm	904.03	
32 93 43 00-1452	EA	6' To 7' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	131.84	
32 93 43 00-1453	EA	8' To 10' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	263.68	
32 93 43 00-1454	EA	10' To 12' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	339.01	
32 93 43 00-1455	EA	12' To 14' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	470.85	
32 93 43 00-1456	EA	12' To 16' Cocos nucifera - Coconut Palm	397.15	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-1457	EA	6' Eriobotrya deflexa - Bronze Loquat	508.52	
32 93 43 00-1458	EA	8' Eriobotrya deflexa - Bronze Loquat	678.02	
32 93 43 00-1459	EA	10' Eriobotrya deflexa - Bronze Loquat	847.53	
32 93 43 00-1460	EA	6' Eucalyptus erythrocorys - Red Cap Gum	508.52	
32 93 43 00-1461	EA	8' Eucalyptus erythrocorys - Red Cap Gum	678.02	
32 93 43 00-1462	EA	10' Eucalyptus erythrocorys - Red Cap Gum	847.53	
32 93 43 00-1463	EA	6' Eucalyptus gunnii - Cider Gum	508.52	
32 93 43 00-1464	EA	8' Eucalyptus gunnii - Cider Gum	678.02	
32 93 43 00-1465	EA	10' Eucalyptus gunnii - Cider Gum	847.53	
32 93 43 00-1466	EA	6' Eucalyptus leucoxylon - White Ironbark	508.52	
32 93 43 00-1467	EA	8' Eucalyptus leucoxylon - White Ironbark	678.02	
32 93 43 00-1468	EA	10' Eucalyptus leucoxylon - White Ironbark	847.53	
32 93 43 00-1469	EA	12' Eucalyptus leucoxylon - White Ironbark	1,017.04	
32 93 43 00-1470	EA	6' Eucalyptus polyanthemos - Silver Dollar Gum	508.52	
32 93 43 00-1471	EA	8' Eucalyptus polyanthemos - Silver Dollar Gum	678.02	
32 93 43 00-1472	EA	10' Eucalyptus polyanthemos - Silver Dollar Gum	847.53	
32 93 43 00-1473	EA	6' Eucalyptus torquala - Coral Gum	508.52	
32 93 43 00-1474	EA	8' Eucalyptus torquala - Coral Gum	678.02	
32 93 43 00-1475	EA	10' Eucalyptus torquala - Coral Gum	847.53	
32 93 43 00-1476	EA	8' Fraxinus oxycarpa "Raywood" - Raywood Ash	304.14	
32 93 43 00-1477	EA	10' Fraxinus oxycarpa "Raywood" - Raywood Ash	412.76	
32 93 43 00-1478	EA	12' Fraxinus oxycarpa "Raywood" - Raywood Ash	510.51	
32 93 43 00-1479	EA	6' Jacarandra acutifolia - Jacaranda	508.52	
32 93 43 00-1480	EA	8' Jacarandra acutifolia - Jacaranda	678.02	
32 93 43 00-1481	EA	10' Jacarandra acutifolia - Jacaranda	847.53	
32 93 43 00-1482	EA	24" Box Jacarandra acutifolia - Jacaranda	220.36	
32 93 43 00-1483	EA	6' Olea europaea - Olive "Fruitless"	358.59	
32 93 43 00-1484	EA	8' Olea europaea - Olive "Fruitless"	478.12	
32 93 43 00-1485	EA	10' Olea europaea - Olive "Fruitless"	597.64	
32 93 43 00-1486	EA	12' Olea europaea - Olive "Fruitless"	717.17	
32 93 43 00-1487	EA	24" Box Olea europaea - Olive "Fruitless"	440.93	
32 93 43 00-1488	EA	5 Gallon Pistacia chinensis - Chinese Pistache	33.90	
32 93 43 00-1489	EA	15 Gallon Pistacia chinensis - Chinese Pistache	113.00	
32 93 43 00-1490	EA	24" Box Pistacia chinensis - Chinese Pistache	438.83	
32 93 43 00-1491	EA	36" Box Pistacia chinensis - Chinese Pistache	1,167.71	
32 93 43 00-1492	EA	48" Box Pistacia chinensis - Chinese Pistache	2,486.09	
32 93 43 00-1493	EA	5 Gallon Pyrus kawakamii - Evergreen Pear, Single	20.20	
32 93 43 00-1494	EA	15 Gallon Pyrus kawakamii - Evergreen Pear, Single	67.34	
32 93 43 00-1495	EA	24" Box Pyrus kawakamii - Evergreen Pear, Single	253.08	
32 93 43 00-1496	EA	30" Box Pyrus kawakamii - Evergreen Pear, Single	462.72	
32 93 43 00-1497	EA	36" Box Pyrus kawakamii - Evergreen Pear, Single	673.44	
32 93 43 00-1498	EA	5 Gallon Pyrus kawakamii - Evergreen Pear, Multi	20.20	
32 93 43 00-1499	EA	15 Gallon Pyrus kawakamii - Evergreen Pear, Multi	71.69	
32 93 43 00-1500	EA	24" Box Pyrus kawakamii - Evergreen Pear, Multi	260.69	
32 93 43 00-1501	EA	30" Box Pyrus kawakamii - Evergreen Pear, Multi	462.72	
32 93 43 00-1502	EA	36" Box Pyrus kawakamii - Evergreen Pear, Multi	673.44	
32 93 43 00-1503	EA	4' To 5' Rhapis excelsa - Lady Palm	357.85	
32 93 43 00-1504	EA	6' To 7' Rhapis excelsa - Lady Palm	508.52	
32 93 43 00-1505	EA	8' To 9' Roystonea regia - Royal Palm	288.16	
32 93 43 00-1506	EA	10' To 11' Roystonea regia - Royal Palm	352.20	
32 93 43 00-1507	EA	12' To 13' Roystonea regia - Royal Palm	416.23	
32 93 43 00-1508	EA	14' To 15' Roystonea regia - Royal Palm	480.27	
32 93 43 00-1509	EA	16' To 17' Roystonea regia - Royal Palm	544.30	
32 93 43 00-1510	EA	18' To 19' Roystonea regia - Royal Palm	608.34	
32 93 43 00-1511	EA	20' To 21' Roystonea regia - Royal Palm	672.37	
32 93 43 00-1512	EA	10' To 16' Sabal palmetto - Cabbage Palm	145.63	
32 93 43 00-1513	EA	6' To 7' Thrinax morrisii - Key Thatch Palm	395.51	
32 93 43 00-1514	EA	8' To 9' Thrinax morrisii - Key Thatch Palm	508.52	
32 93 43 00-1515	EA	10' To 11' Thrinax morrisii - Key Thatch Palm	621.52	
32 93 43 00-1516	EA	9' Ptychosperma elegans - Alexander Palm, Solitaire Palm	141.26	
32 93 43 00-1517	EA	11' Ptychosperma elegans - Alexander Palm, Solitaire Palm	235.42	
32 93 43 00-1518	EA	15' Ptychosperma elegans - Alexander Palm, Solitaire Palm	357.85	
32 93 43 00-1519	EA	17' Ptychosperma elegans - Alexander Palm, Solitaire Palm	404.93	
32 93 43 00-1520	EA	20' Ptychosperma elegans - Alexander Palm, Solitaire Palm	470.85	
32 93 43 00-1521	EA	1 Gallon Washingtonia robusta - Mexican Fan Palm	8.64	
32 93 43 00-1522	EA	5 Gallon Washingtonia robusta - Mexican Fan Palm	26.88	
32 93 43 00-1523	EA	15 Gallon Washingtonia robusta - Mexican Fan Palm	94.07	
32 93 43 00-1524	EA	24" Box Washingtonia robusta - Mexican Fan Palm	307.15	
32 93 43 00-1525	EA	36" Box Washingtonia robusta - Mexican Fan Palm	815.87	
32 93 43 00-1526	EA	6' Washingtonia robusta - Mexican Fan Palm	508.52	
32 93 43 00-1527	EA	8' Washingtonia robusta - Mexican Fan Palm	678.02	
32 93 43 00-1528	EA	10' Washingtonia robusta - Mexican Fan Palm	847.53	
32 93 43 00-1529	EA	12' Washingtonia robusta - Mexican Fan Palm	1,017.04	
32 93 43 00-1530	EA	5 Gallon Phoenix roebelenii - Pygmy Date Palm	32.88	
32 93 43 00-1531	EA	7 Gallon Phoenix roebelenii - Pygmy Date Palm	80.14	
32 93 43 00-1532	EA	15 Gallon Phoenix roebelenii - Pygmy Date Palm	121.23	
32 93 43 00-1533	EA	24" Box Phoenix roebelenii - Pygmy Date Palm	359.59	

32 93 63 Specialty Plants *(32 93)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 63 00-0001		**Specialty Plants In Place** *(32 93 63)* Note: Includes plant and placement for trees.		
32 93 63 00-0002	EA	5 Gallon Trees	163.70	
32 93 63 00-0003	EA	7 Gallon Trees	197.93	
32 93 63 00-0004	EA	15 Gallon Trees	396.81	
32 93 63 00-0005	EA	24" Box Container Trees	706.39	
32 93 63 00-0006	EA	36" Box Container Trees	2,173.73	
32 93 63 00-0007	EA	48" Box Container Trees	4,501.78	
32 93 63 00-0008	EA	60" Box Container Trees	7,421.79	
32 93 63 00-0009	EA	72" Box Container Trees	12,403.30	
32 93 83		**Planting of Trees, Shrubs and Ground Cover** *(32 93)* Note: Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.		
32 93 83 00-0001		**Planting Trees** *(32 93 83)* Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.		
32 93 83 00-0002	EA	3" To 5" Bare Root Seedlings Tree Planting	1.39	
32 93 83 00-0003	EA	6" To 10" Bare Root Seedlings Tree Planting	2.24	
32 93 83 00-0004	EA	11" To 16" Bare Root Seedlings Tree Planting	2.80	
32 93 83 00-0005	EA	17" To 24" Bare Root Seedlings Tree Planting	4.48	
32 93 83 00-0006	EA	1 Gallon Container Tree Planting	22.38	
		For >10 To 25, Deduct	*-1.12*	
		For >25 To 50, Deduct	*-2.80*	
		For >50 To 100, Deduct	*-4.48*	
		For >100, Deduct	*-6.71*	
32 93 83 00-0007	EA	2 Gallon Container Tree Planting	31.33	
		For >10 To 25, Deduct	*-1.57*	
		For >25 To 50, Deduct	*-3.92*	
		For >50 To 100, Deduct	*-6.27*	
		For >100, Deduct	*-9.40*	
32 93 83 00-0008	EA	3 Gallon Container Tree Planting	40.28	
		For >10 To 25, Deduct	*-2.01*	
		For >25 To 50, Deduct	*-5.04*	
		For >50 To 100, Deduct	*-8.06*	
		For >100, Deduct	*-12.08*	
32 93 83 00-0009	EA	5 Gallon Container Tree Planting	67.14	
		For >10 To 25, Deduct	*-3.36*	
		For >25 To 50, Deduct	*-8.39*	
		For >50 To 100, Deduct	*-13.43*	
		For >100, Deduct	*-20.14*	
32 93 83 00-0010	EA	7 Gallon Container Tree Planting	89.51	
		For >10 To 25, Deduct	*-4.48*	
		For >25 To 50, Deduct	*-11.19*	
		For >50 To 100, Deduct	*-17.90*	
		For >100, Deduct	*-26.85*	
32 93 83 00-0011	EA	10 Gallon Container Tree Planting	116.36	
		For >10 To 25, Deduct	*-5.82*	
		For >25 To 50, Deduct	*-14.55*	
		For >50 To 100, Deduct	*-23.27*	
		For >100, Deduct	*-34.91*	
32 93 83 00-0012	EA	15 Gallon Container Tree Planting	165.59	
		For >10 To 25, Deduct	*-8.28*	
		For >25 To 50, Deduct	*-20.70*	
		For >50 To 100, Deduct	*-33.12*	
		For >100, Deduct	*-49.68*	
32 93 83 00-0013	EA	20 Gallon Container Tree Planting	273.01	
		For >10 To 25, Deduct	*-13.65*	
		For >25 To 50, Deduct	*-34.13*	
		For >50 To 100, Deduct	*-54.60*	
		For >100, Deduct	*-81.90*	
32 93 83 00-0014	EA	25 Gallon Container Tree Planting	353.56	
		For >10 To 25, Deduct	*-17.68*	
		For >25 To 50, Deduct	*-44.20*	
		For >50 To 100, Deduct	*-70.71*	
		For >100, Deduct	*-106.07*	
32 93 83 00-0015	EA	30 Gallon Container Tree Planting	425.17	
		For >10 To 25, Deduct	*-21.26*	
		For >25 To 50, Deduct	*-53.15*	
		For >50 To 100, Deduct	*-85.03*	
		For >100, Deduct	*-127.55*	
32 93 83 00-0016	EA	45 Gallon Container Tree Planting	528.11	
		For >10 To 25, Deduct	*-26.41*	
		For >25 To 50, Deduct	*-66.01*	
		For >50 To 100, Deduct	*-105.62*	
		For >100, Deduct	*-158.43*	
32 93 83 00-0017	EA	65 Gallon Container Tree Planting	626.57	
		For >10 To 25, Deduct	*-31.33*	
		For >25 To 50, Deduct	*-78.32*	
		For >50 To 100, Deduct	*-125.31*	
		For >100, Deduct	*-187.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0018	EA	24" Box Container Tree Planting	116.36	
		For >10 To 25, Deduct	*-5.82*	
		For >25 To 50, Deduct	*-14.55*	
		For >50 To 100, Deduct	*-23.27*	
		For >100, Deduct	*-34.91*	
32 93 83 00-0019	EA	36" Box Container Tree Planting	353.56	
		For >10 To 25, Deduct	*-17.68*	
		For >25 To 50, Deduct	*-44.20*	
		For >50 To 100, Deduct	*-70.71*	
		For >100, Deduct	*-106.07*	
32 93 83 00-0020	EA	48" Box Container Tree Planting	626.57	
		For >10 To 25, Deduct	*-31.33*	
		For >25 To 50, Deduct	*-78.32*	
		For >50 To 100, Deduct	*-125.31*	
		For >100, Deduct	*-187.97*	
32 93 83 00-0021	EA	60" Box Container Tree Planting	742.93	
		For >10 To 25, Deduct	*-37.15*	
		For >25 To 50, Deduct	*-92.87*	
		For >50 To 100, Deduct	*-148.59*	
		For >100, Deduct	*-222.88*	
32 93 83 00-0022	EA	72" Box Container Tree Planting	895.11	
		For >10 To 25, Deduct	*-44.76*	
		For >25 To 50, Deduct	*-111.89*	
		For >50 To 100, Deduct	*-179.02*	
		For >100, Deduct	*-268.53*	
32 93 83 00-0023	EA	6' Balled And Burlapped Tree Planting	223.78	
		For >10 To 25, Deduct	*-11.19*	
		For >25 To 50, Deduct	*-27.97*	
		For >50 To 100, Deduct	*-44.76*	
		For >100, Deduct	*-67.13*	
32 93 83 00-0024	EA	7' Balled And Burlapped Tree Planting	298.07	
		For >10 To 25, Deduct	*-14.90*	
		For >25 To 50, Deduct	*-37.26*	
		For >50 To 100, Deduct	*-59.61*	
		For >100, Deduct	*-89.42*	
32 93 83 00-0025	EA	8' Balled And Burlapped Tree Planting	335.66	
		For >10 To 25, Deduct	*-16.78*	
		For >25 To 50, Deduct	*-41.96*	
		For >50 To 100, Deduct	*-67.13*	
		For >100, Deduct	*-100.70*	
32 93 83 00-0026	EA	10' Balled And Burlapped Tree Planting	391.61	
		For >10 To 25, Deduct	*-19.58*	
		For >25 To 50, Deduct	*-48.95*	
		For >50 To 100, Deduct	*-78.32*	
		For >100, Deduct	*-117.48*	
32 93 83 00-0027	EA	12' Balled And Burlapped Tree Planting	523.63	
		For >10 To 25, Deduct	*-26.18*	
		For >25 To 50, Deduct	*-65.45*	
		For >50 To 100, Deduct	*-104.73*	
		For >100, Deduct	*-157.09*	
32 93 83 00-0028	EA	14' Balled And Burlapped Tree Planting	599.72	
		For >10 To 25, Deduct	*-29.99*	
		For >25 To 50, Deduct	*-74.97*	
		For >50 To 100, Deduct	*-119.94*	
		For >100, Deduct	*-179.92*	
32 93 83 00-0029	EA	16' Balled And Burlapped Tree Planting	727.27	
		For >10 To 25, Deduct	*-36.36*	
		For >25 To 50, Deduct	*-90.91*	
		For >50 To 100, Deduct	*-145.45*	
		For >100, Deduct	*-218.18*	
32 93 83 00-0030	EA	18' Balled And Burlapped Tree Planting	872.73	
		For >10 To 25, Deduct	*-43.64*	
		For >25 To 50, Deduct	*-109.09*	
		For >50 To 100, Deduct	*-174.55*	
		For >100, Deduct	*-261.82*	
32 93 83 00-0031	EA	20' Balled And Burlapped Tree Planting	1,006.99	
		For >10 To 25, Deduct	*-50.35*	
		For >25 To 50, Deduct	*-125.87*	
		For >50 To 100, Deduct	*-201.40*	
		For >100, Deduct	*-302.10*	
32 93 83 00-0032	EA	1-1/2" Caliper Balled And Burlapped Tree Planting	335.66	
		For >10 To 25, Deduct	*-16.78*	
		For >25 To 50, Deduct	*-41.96*	
		For >50 To 100, Deduct	*-67.13*	
		For >100, Deduct	*-100.70*	
32 93 83 00-0033	EA	2" Caliper Balled And Burlapped Tree Planting	391.61	
		For >10 To 25, Deduct	*-19.58*	
		For >25 To 50, Deduct	*-48.95*	
		For >50 To 100, Deduct	*-78.32*	
		For >100, Deduct	*-117.48*	
32 93 83 00-0034	EA	2-1/2" Caliper Balled And Burlapped Tree Planting	525.87	
		For >10 To 25, Deduct	*-26.29*	
		For >25 To 50, Deduct	*-65.73*	
		For >50 To 100, Deduct	*-105.17*	
		For >100, Deduct	*-157.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0035	EA	3" Caliper Balled And Burlapped Tree Planting	604.19	
		For >10 To 25, Deduct	*-30.21*	
		For >25 To 50, Deduct	*-75.52*	
		For >50 To 100, Deduct	*-120.84*	
		For >100, Deduct	*-181.26*	
32 93 83 00-0036	EA	3-1/2" Caliper Balled And Burlapped Tree Planting	671.33	
		For >10 To 25, Deduct	*-33.57*	
		For >25 To 50, Deduct	*-83.92*	
		For >50 To 100, Deduct	*-134.27*	
		For >100, Deduct	*-201.40*	
32 93 83 00-0037	EA	4" Caliper Balled And Burlapped Tree Planting	769.78	
		For >10 To 25, Deduct	*-38.49*	
		For >25 To 50, Deduct	*-96.22*	
		For >50 To 100, Deduct	*-153.96*	
		For >100, Deduct	*-230.93*	

32 93 83 00-0038 Planting Shrubs *(32 93 83)*

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0039	EA	1 Gallon Container Shrub Planting	19.03	
		For >10 To 25, Deduct	*-0.95*	
		For >25 To 50, Deduct	*-2.38*	
		For >50 To 100, Deduct	*-3.81*	
		For >100, Deduct	*-5.71*	
32 93 83 00-0040	EA	2 Gallon Container Shrub Planting	26.85	
		For >10 To 25, Deduct	*-1.34*	
		For >25 To 50, Deduct	*-3.36*	
		For >50 To 100, Deduct	*-5.37*	
		For >100, Deduct	*-8.06*	
32 93 83 00-0041	EA	3 Gallon Container Shrub Planting	33.57	
		For >10 To 25, Deduct	*-1.68*	
		For >25 To 50, Deduct	*-4.20*	
		For >50 To 100, Deduct	*-6.71*	
		For >100, Deduct	*-10.07*	
32 93 83 00-0042	EA	4 Gallon Container Shrub Planting	44.76	
		For >10 To 25, Deduct	*-2.24*	
		For >25 To 50, Deduct	*-5.60*	
		For >50 To 100, Deduct	*-8.95*	
		For >100, Deduct	*-13.43*	
32 93 83 00-0043	EA	5 Gallon Container Shrub Planting	55.95	
		For >10 To 25, Deduct	*-2.80*	
		For >25 To 50, Deduct	*-6.99*	
		For >50 To 100, Deduct	*-11.19*	
		For >100, Deduct	*-16.79*	
32 93 83 00-0044	EA	7 Gallon Container Shrub Planting	76.09	
		For >10 To 25, Deduct	*-3.80*	
		For >25 To 50, Deduct	*-9.51*	
		For >50 To 100, Deduct	*-15.22*	
		For >100, Deduct	*-22.83*	
32 93 83 00-0045	EA	10 Gallon Container Shrub Planting	100.69	
		For >10 To 25, Deduct	*-5.03*	
		For >25 To 50, Deduct	*-12.59*	
		For >50 To 100, Deduct	*-20.14*	
		For >100, Deduct	*-30.21*	
32 93 83 00-0046	EA	15 Gallon Container Shrub Planting	138.74	
		For >10 To 25, Deduct	*-6.94*	
		For >25 To 50, Deduct	*-17.34*	
		For >50 To 100, Deduct	*-27.75*	
		For >100, Deduct	*-41.62*	
32 93 83 00-0047	EA	20 Gallon Container Shrub Planting	232.73	
		For >10 To 25, Deduct	*-11.64*	
		For >25 To 50, Deduct	*-29.09*	
		For >50 To 100, Deduct	*-46.55*	
		For >100, Deduct	*-69.82*	
32 93 83 00-0048	EA	25 Gallon Container Shrub Planting	298.07	
		For >10 To 25, Deduct	*-14.90*	
		For >25 To 50, Deduct	*-37.26*	
		For >50 To 100, Deduct	*-59.61*	
		For >100, Deduct	*-89.42*	
32 93 83 00-0049	EA	15" Balled And Burlapped Shrub Planting	62.66	
		For >10 To 25, Deduct	*-3.13*	
		For >25 To 50, Deduct	*-7.83*	
		For >50 To 100, Deduct	*-12.53*	
		For >100, Deduct	*-18.80*	
32 93 83 00-0050	EA	18" Balled And Burlapped Shrub Planting	64.90	
		For >10 To 25, Deduct	*-3.25*	
		For >25 To 50, Deduct	*-8.11*	
		For >50 To 100, Deduct	*-12.98*	
		For >100, Deduct	*-19.47*	
32 93 83 00-0051	EA	24" Balled And Burlapped Shrub Planting	71.61	
		For >10 To 25, Deduct	*-3.58*	
		For >25 To 50, Deduct	*-8.95*	
		For >50 To 100, Deduct	*-14.32*	
		For >100, Deduct	*-21.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0052	EA	30" Balled And Burlapped Shrub Planting	71.61	
		For >10 To 25, Deduct	*-3.58*	
		For >25 To 50, Deduct	*-8.95*	
		For >50 To 100, Deduct	*-14.32*	
		For >100, Deduct	*-21.48*	
32 93 83 00-0053	EA	36" Balled And Burlapped Shrub Planting	78.33	
		For >10 To 25, Deduct	*-3.92*	
		For >25 To 50, Deduct	*-9.79*	
		For >50 To 100, Deduct	*-15.67*	
		For >100, Deduct	*-23.50*	
32 93 83 00-0054	EA	42" Balled And Burlapped Shrub Planting	82.80	
		For >10 To 25, Deduct	*-4.14*	
		For >25 To 50, Deduct	*-10.35*	
		For >50 To 100, Deduct	*-16.56*	
		For >100, Deduct	*-24.84*	
32 93 83 00-0055	EA	48" Balled And Burlapped Shrub Planting	89.51	
		For >10 To 25, Deduct	*-4.48*	
		For >25 To 50, Deduct	*-11.19*	
		For >50 To 100, Deduct	*-17.90*	
		For >100, Deduct	*-26.85*	
32 93 83 00-0056	EA	5' Balled And Burlapped Shrub Planting	134.26	
		For >10 To 25, Deduct	*-6.71*	
		For >25 To 50, Deduct	*-16.78*	
		For >50 To 100, Deduct	*-26.85*	
		For >100, Deduct	*-40.28*	
32 93 83 00-0057	EA	6' Balled And Burlapped Shrub Planting	190.21	
		For >10 To 25, Deduct	*-9.51*	
		For >25 To 50, Deduct	*-23.78*	
		For >50 To 100, Deduct	*-38.04*	
		For >100, Deduct	*-57.06*	
32 93 83 00-0058	EA	7' Balled And Burlapped Shrub Planting	252.87	
		For >10 To 25, Deduct	*-12.64*	
		For >25 To 50, Deduct	*-31.61*	
		For >50 To 100, Deduct	*-50.57*	
		For >100, Deduct	*-75.86*	
32 93 83 00-0059	EA	8' Balled And Burlapped Shrub Planting	286.44	
		For >10 To 25, Deduct	*-14.32*	
		For >25 To 50, Deduct	*-35.81*	
		For >50 To 100, Deduct	*-57.29*	
		For >100, Deduct	*-85.93*	
32 93 83 00-0060	EA	9' Balled And Burlapped Shrub Planting	308.81	
		For >10 To 25, Deduct	*-15.44*	
		For >25 To 50, Deduct	*-38.60*	
		For >50 To 100, Deduct	*-61.76*	
		For >100, Deduct	*-92.64*	
32 93 83 00-0061	EA	10' Balled And Burlapped Shrub Planting	335.66	
		For >10 To 25, Deduct	*-16.78*	
		For >25 To 50, Deduct	*-41.96*	
		For >50 To 100, Deduct	*-67.13*	
		For >100, Deduct	*-100.70*	

32 93 83 00-0062 Planting Groundcover, Vines, Perennials, Annuals And Bulbs *(32 93 83)*

See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0063	EA	2-1/4" Diameter Potted Groundcover And Flower Planting	1.87	
		For >10 To 25, Deduct	*-0.09*	
		For >25 To 50, Deduct	*-0.23*	
		For >50 To 100, Deduct	*-0.37*	
		For >100, Deduct	*-0.56*	
32 93 83 00-0064	EA	3" Diameter Potted Groundcover And Flower Planting	2.13	
		For >10 To 25, Deduct	*-0.11*	
		For >25 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.43*	
		For >100, Deduct	*-0.64*	
32 93 83 00-0065	EA	4" Diameter Potted Groundcover And Flower Planting	2.49	
		For >10 To 25, Deduct	*-0.12*	
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.50*	
		For >100, Deduct	*-0.75*	
32 93 83 00-0066	EA	5-1/2" Diameter Potted Groundcover And Flower Planting	2.98	
		For >10 To 25, Deduct	*-0.15*	
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.60*	
		For >100, Deduct	*-0.89*	
32 93 83 00-0067	EA	6" Diameter Potted Groundcover And Flower Planting	3.73	
		For >10 To 25, Deduct	*-0.19*	
		For >25 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.75*	
		For >100, Deduct	*-1.12*	
32 93 83 00-0068	EA	8" Diameter Potted Groundcover And Flower Planting	5.59	
		For >10 To 25, Deduct	*-0.28*	
		For >25 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-1.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0069	EA	1 Gallon Container Groundcover And Flower Planting	17.90	
		For >10 To 25, Deduct	*-0.90*	
		For >25 To 50, Deduct	*-2.24*	
		For >50 To 100, Deduct	*-3.58*	
		For >100, Deduct	*-5.37*	
32 93 83 00-0070	EA	2 Gallon Container Groundcover And Flower Planting	24.62	
		For >10 To 25, Deduct	*-1.23*	
		For >25 To 50, Deduct	*-3.08*	
		For >50 To 100, Deduct	*-4.92*	
		For >100, Deduct	*-7.39*	
32 93 83 00-0071	EA	3 Gallon Container Groundcover And Flower Planting	31.33	
		For >10 To 25, Deduct	*-1.57*	
		For >25 To 50, Deduct	*-3.92*	
		For >50 To 100, Deduct	*-6.27*	
		For >100, Deduct	*-9.40*	
32 93 83 00-0072	EA	4 Gallon Container Groundcover And Flower Planting	40.28	
		For >10 To 25, Deduct	*-2.01*	
		For >25 To 50, Deduct	*-5.04*	
		For >50 To 100, Deduct	*-8.06*	
		For >100, Deduct	*-12.08*	
32 93 83 00-0073	EA	5 Gallon Container Groundcover And Flower Planting	49.23	
		For >10 To 25, Deduct	*-2.46*	
		For >25 To 50, Deduct	*-6.15*	
		For >50 To 100, Deduct	*-9.85*	
		For >100, Deduct	*-14.77*	
32 93 83 00-0074	EA	7 Gallon Container Groundcover And Flower Planting	67.14	
		For >10 To 25, Deduct	*-3.36*	
		For >25 To 50, Deduct	*-8.39*	
		For >50 To 100, Deduct	*-13.43*	
		For >100, Deduct	*-20.14*	
32 93 83 00-0075	EA	Bulb Planting	1.11	
		For >10 To 25, Deduct	*-0.06*	
		For >25 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.22*	
		For >100, Deduct	*-0.33*	
32 93 83 00-0076	EA	Flats Of 24 Groundcover And Flower Planting	31.33	
		For >10 To 25, Deduct	*-1.57*	
		For >25, Deduct	*-3.92*	
32 93 83 00-0077	EA	Flats Of 36 Groundcover And Flower Planting	44.44	
		For >10 To 25, Deduct	*-2.22*	
		For >25, Deduct	*-5.56*	
32 93 83 00-0078	EA	Flats Of 48 Groundcover And Flower Planting	59.16	
		For >10 To 25, Deduct	*-2.96*	
		For >25, Deduct	*-7.40*	

32 93 83 00-0079 Tree Pits *(32 93 83)*

Note: Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread. Excludes additional soil conditioners or mulch.

32 93 83 00-0080	EA	2' x 1-1/4' Deep Tree Pit	121.07	
32 93 83 00-0081	EA	2' x 2-1/2' Deep Tree Pit	181.57	
32 93 83 00-0082	EA	2-1/2' x 1-1/2' Deep Tree Pit	234.60	
32 93 83 00-0083	EA	2-1/2' x 3' Deep Tree Pit	351.82	
32 93 83 00-0084	EA	3' x 1-3/4' Deep Tree Pit	361.98	
32 93 83 00-0085	EA	3' x 3-1/2' Deep Tree Pit	540.15	
32 93 83 00-0086	EA	3-1/2' x 1-3/4' Deep Tree Pit	443.49	
32 93 83 00-0087	EA	3-1/2' x 3-1/2' Deep Tree Pit	664.30	
32 93 83 00-0088	EA	4' x 2' Deep Tree Pit	530.08	
32 93 83 00-0089	EA	4' x 4' Deep Tree Pit	794.68	
32 93 83 00-0090	EA	4-1/2' x 2' Deep Tree Pit	762.95	
32 93 83 00-0091	EA	4-1/2' x 4' Deep Tree Pit	1,146.69	
32 93 83 00-0092	EA	5' x 2-1/4' Deep Tree Pit	1,014.80	
32 93 83 00-0093	EA	5' x 4-1/2' Deep Tree Pit	1,511.48	
32 93 83 00-0094	EA	6' x 2-1/2' Deep Tree Pit	1,439.20	
32 93 83 00-0095	EA	6' x 5' Deep Tree Pit	2,155.58	
32 93 83 00-0096	EA	7' x 3' Deep Tree Pit	2,424.43	
32 93 83 00-0097	EA	7' x 6' Deep Tree Pit	3,656.22	
32 93 83 00-0098	EA	8' x 3-1/4' Deep Tree Pit	3,333.12	
32 93 83 00-0099	EA	8' x 6-1/2' Deep Tree Pit	4,997.55	

32 94 Planting Accessories *(32 90)*

32 94 13 Landscape Edging *(32 94)*

Note: Including stakes.

32 94 13 00-0001 Landscape Edging *(32 94 13)*

Note: Includes stakes.

32 94 13 00-0002	LF	6" Poly/Vinyl Landscape Edging With Non-Round Top	5.75	1.14
		For >2,000 To 5,000 LF, Deduct	*-0.35*	
		For >5,000 LF, Deduct	*-0.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 13 00-0003	LF	5" Polyethylene Landscape Edging With Round Top	3.37	1.14
		For >2,000 To 5,000 LF, Deduct	*-0.11*	
		For >5,000 LF, Deduct	*-0.22*	
32 94 13 00-0004	LF	5-1/2" Polyethylene Landscape Edging With Round Top	3.43	1.14
		For >2,000 To 5,000 LF, Deduct	*-0.11*	
		For >5,000 LF, Deduct	*-0.23*	
32 94 13 00-0005	LF	5" Polyethylene Landscape Edging With Corrugated Sides And Round Top	3.47	1.14
		For >2,000 To 5,000 LF, Deduct	*-0.12*	
		For >5,000 LF, Deduct	*-0.24*	
32 94 13 00-0006	LF	1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging	9.83	2.71
		For >1,000 LF, Deduct	*-1.10*	
32 94 13 00-0007	LF	1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging	10.74	2.71
		For >1,000 LF, Deduct	*-1.33*	
32 94 13 00-0008	LF	1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging	10.80	2.71
		For >1,000 LF, Deduct	*-1.35*	
32 94 13 00-0009	LF	3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging	12.40	2.80
		For >1,000 LF, Deduct	*-1.71*	
32 94 13 00-0010	LF	3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging	13.52	2.80
		For >1,000 LF, Deduct	*-1.99*	
32 94 13 00-0011	LF	3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging	13.50	2.80
		For >1,000 LF, Deduct	*-1.98*	
32 94 13 00-0012	LF	1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	11.04	2.89
		For >1,000 LF, Deduct	*-1.33*	
32 94 13 00-0013	LF	1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	12.29	2.89
		For >1,000 LF, Deduct	*-1.64*	
32 94 13 00-0014	LF	1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	12.42	2.89
		For >1,000 LF, Deduct	*-1.68*	
32 94 13 00-0015	LF	3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	13.97	2.98
		For >1,000 LF, Deduct	*-2.03*	
32 94 13 00-0016	LF	3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	15.22	2.98
		For >1,000 LF, Deduct	*-2.34*	
32 94 13 00-0017	LF	3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	15.32	2.98
		For >1,000 LF, Deduct	*-2.36*	
32 94 13 00-0018	LF	1/8" x 4" Powder Coated Steel Landscape Edging	10.46	2.80
		For >1,000 LF, Deduct	*-1.21*	
32 94 13 00-0019	LF	3/16" x 4" Powder Coated Steel Landscape Edging	12.30	2.80
		For >1,000 LF, Deduct	*-1.67*	
32 94 13 00-0020	LF	1/4" x 5" Powder Coated Steel Landscape Edging	17.24	2.80
		For >1,000 LF, Deduct	*-2.91*	
32 94 13 00-0021	LF	1/2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)	7.84	2.71
		For >1,000 LF, Deduct	*-0.61*	
32 94 13 00-0022	LF	1" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)	8.94	2.71
		For >1,000 LF, Deduct	*-0.88*	
32 94 13 00-0023	LF	1" x 6", Recycled Plastic Landscape Edging (Bend-A-Board)	9.90	2.71
		For >1,000 LF, Deduct	*-1.12*	
32 94 13 00-0024	LF	2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)	10.10	2.71
		For >1,000 LF, Deduct	*-1.17*	

32 94 16 Landscape Timbers *(32 94)*

32 94 16 00-0001	LF	1" x 4" Redwood Edging	4.94	1.62
32 94 16 00-0002	LF	2" x 4" Redwood Edging	6.76	2.43
32 94 16 00-0003	LF	3" x 4" Pressure Treated Landscape Timber	5.39	2.43
		Note: 2 rounded edges and 2 straight edges.		
32 94 16 00-0004	LF	3" x 5" Pressure Treated Landscape Timber	7.04	3.15
		Note: 2 rounded edges and 2 straight edges.		
32 94 16 00-0005	LF	4" x 6" Pressure Treated Hardwood	9.83	3.25
32 94 16 00-0006	LF	6" x 6" Pressure Treated Hardwood	12.86	4.06
32 94 16 00-0007	LF	6" x 8" Pressure Treated Hardwood	14.97	4.77
32 94 16 00-0008	LF	1" x 4" Pressure Treated Pine	3.81	1.62
32 94 16 00-0009	LF	2" x 4" Pressure Treated Pine	5.79	2.43
32 94 16 00-0010	LF	4" x 6" Pressure Treated Pine	9.33	3.15
32 94 16 00-0011	LF	6" x 6" Pressure Treated Pine	12.75	4.06
32 94 16 00-0012	LF	6" x 8" Pressure Treated Pine	15.63	4.77
32 94 16 00-0013	LF	6" x 8" Railroad Ties	13.92	4.44
32 94 16 00-0014	LF	7" x 9" Railroad Ties	16.74	5.58

32 94 43 Tree Grates *(32 94)*

32 94 43 00-0001 Tree Grates With Frames *(32 94 43)*

32 94 43 00-0002 Round Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0003	EA	32" Diameter, 100 To 150 LB Cast Iron Tree Grate With Frame	1,004.50	57.99
		For >3 To 9, Deduct	*-66.64*	
		For >9, Deduct	*-137.72*	
32 94 43 00-0004	EA	36" Diameter, 125 To 175 LB Cast Iron Tree Grate With Frame	1,166.04	57.99
		For >3 To 9, Deduct	*-78.75*	
		For >9, Deduct	*-162.76*	
32 94 43 00-0005	EA	42" Diameter, 150 To 200 LB Cast Iron Tree Grate With Frame	1,406.63	77.32
		For >3 To 9, Deduct	*-93.90*	
		For >9, Deduct	*-194.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0006	EA	48" Diameter, 200 To 250 LB Cast Iron Tree Grate With Frame	1,758.24	77.32
		For >3 To 9, Deduct	*-120.27*	
		For >9, Deduct	*-248.56*	
32 94 43 00-0007	EA	54" Diameter, 300 To 350 LB Cast Iron Tree Grate With Frame	2,255.41	96.65
		For >3 To 9, Deduct	*-154.66*	
		For >9, Deduct	*-319.63*	
32 94 43 00-0008	EA	60" Diameter, Up To 350 LB Cast Iron Tree Grate With Frame	2,360.58	115.98
		For >3 To 9, Deduct	*-159.65*	
		For >9, Deduct	*-329.94*	
32 94 43 00-0009	EA	60" Diameter, >350 LB Cast Iron Tree Grate With Frame	2,605.27	115.98
		For >3 To 9, Deduct	*-178.00*	
		For >9, Deduct	*-367.86*	
32 94 43 00-0010	EA	72" Diameter, Up To 550 LB Cast Iron Tree Grate With Frame	3,464.52	164.31
		For >3 To 9, Deduct	*-235.19*	
		For >9, Deduct	*-486.07*	
32 94 43 00-0011	EA	72" Diameter, >500 To 550 LB Cast Iron Tree Grate With Frame	3,607.07	164.31
		For >3 To 9, Deduct	*-245.89*	
		For >9, Deduct	*-508.16*	
32 94 43 00-0012	EA	72" Diameter, >600 To 650 LB Cast Iron Tree Grate With Frame	3,725.85	164.31
		For >3 To 9, Deduct	*-254.79*	
		For >9, Deduct	*-526.57*	
32 94 43 00-0013	EA	72" Diameter, >650 To 700 LB Cast Iron Tree Grate With Frame	3,820.88	164.31
		For >3 To 9, Deduct	*-261.92*	
		For >9, Deduct	*-541.30*	
32 94 43 00-0014	EA	72" Diameter, >700 LB Cast Iron Tree Grate With Frame	3,892.15	164.31
		For >3 To 9, Deduct	*-267.27*	
		For >9, Deduct	*-552.35*	
32 94 43 00-0015	EA	93" Diameter, 950 To 1,000 LB Cast Iron Tree Grate With Frame	4,263.74	193.30
		For >3 To 9, Deduct	*-290.79*	
		For >9, Deduct	*-600.96*	

32 94 43 00-0016 Square Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0017	EA	30" x 30", 75 To 125 LB Cast Iron Tree Grate With Frame	923.72	57.99
		For >3 To 9, Deduct	*-60.58*	
		For >9, Deduct	*-125.20*	
32 94 43 00-0018	EA	36" x 36", 100 To 150 LB Cast Iron Tree Grate With Frame	1,125.65	57.99
		For >3 To 9, Deduct	*-75.73*	
		For >9, Deduct	*-156.50*	
32 94 43 00-0019	EA	48" x 48", Up To 200 LB Cast Iron Tree Grate With Frame	1,666.23	96.65
		For >3 To 9, Deduct	*-110.47*	
		For >9, Deduct	*-228.30*	
32 94 43 00-0020	EA	48" x 48", >200 To 250 LB Cast Iron Tree Grate With Frame	1,975.08	96.65
		For >3 To 9, Deduct	*-133.63*	
		For >9, Deduct	*-276.18*	
32 94 43 00-0021	EA	48" x 48", >250 To 300 LB Cast Iron Tree Grate With Frame	2,260.16	96.65
		For >3 To 9, Deduct	*-155.01*	
		For >9, Deduct	*-320.36*	
32 94 43 00-0022	EA	48" x 48", >300 To 350 LB Cast Iron Tree Grate With Frame	2,521.49	96.65
		For >3 To 9, Deduct	*-174.61*	
		For >9, Deduct	*-360.87*	
32 94 43 00-0023	EA	48" x 48", >350 To 400 LB Cast Iron Tree Grate With Frame	2,759.06	96.65
		For >3 To 9, Deduct	*-192.43*	
		For >9, Deduct	*-397.69*	
32 94 43 00-0024	EA	48" x 48", >400 LB Cast Iron Tree Grate With Frame	2,972.87	96.65
		For >3 To 9, Deduct	*-208.47*	
		For >9, Deduct	*-430.83*	
32 94 43 00-0025	EA	60" x 60", Up To 400 LB Cast Iron Tree Grate With Frame	2,836.38	135.31
		For >3 To 9, Deduct	*-192.43*	
		For >9, Deduct	*-397.69*	
32 94 43 00-0026	EA	60" x 60", >400 To 450 LB Cast Iron Tree Grate With Frame	3,050.19	135.31
		For >3 To 9, Deduct	*-208.47*	
		For >9, Deduct	*-430.83*	
32 94 43 00-0027	EA	60" x 60", >450 To 500 LB Cast Iron Tree Grate With Frame	3,240.24	135.31
		For >3 To 9, Deduct	*-222.72*	
		For >9, Deduct	*-460.29*	
32 94 43 00-0028	EA	60" x 60", >500 To 550 LB Cast Iron Tree Grate With Frame	3,406.54	135.31
		For >3 To 9, Deduct	*-235.19*	
		For >9, Deduct	*-486.07*	
32 94 43 00-0029	EA	60" x 60", >550 To 600 LB Cast Iron Tree Grate With Frame	3,549.09	135.31
		For >3 To 9, Deduct	*-245.89*	
		For >9, Deduct	*-508.16*	
32 94 43 00-0030	EA	60" x 60", >600 LB Cast Iron Tree Grate With Frame	3,667.87	135.31
		For >3 To 9, Deduct	*-254.79*	
		For >9, Deduct	*-526.57*	
32 94 43 00-0031	EA	72" x 72", Up To 550 LB Cast Iron Tree Grate With Frame	3,464.52	164.31
		For >3 To 9, Deduct	*-235.19*	
		For >9, Deduct	*-486.07*	
32 94 43 00-0032	EA	72" x 72", >550 To 600 LB Cast Iron Tree Grate With Frame	3,607.07	164.31
		For >3 To 9, Deduct	*-245.89*	
		For >9, Deduct	*-508.16*	
32 94 43 00-0033	EA	72" x 72", >600 To 650 LB Cast Iron Tree Grate With Frame	3,725.85	164.31
		For >3 To 9, Deduct	*-254.79*	
		For >9, Deduct	*-526.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0034	EA	72" x 72", >650 To 700 LB Cast Iron Tree Grate With Frame	3,820.88	164.31
		For >3 To 9, Deduct	*-261.92*	
		For >9, Deduct	*-541.30*	
32 94 43 00-0035	EA	72" x 72", >700 To 750 LB Cast Iron Tree Grate With Frame	3,892.15	164.31
		For >3 To 9, Deduct	*-267.27*	
		For >9, Deduct	*-552.35*	
32 94 43 00-0036	EA	72" x 72", >750 To 800 LB Cast Iron Tree Grate With Frame	3,939.66	164.31
		For >3 To 9, Deduct	*-270.83*	
		For >9, Deduct	*-559.71*	
32 94 43 00-0037	EA	72" x 72", >800 To 850 LB Cast Iron Tree Grate With Frame	3,963.42	164.31
		For >3 To 9, Deduct	*-272.61*	
		For >9, Deduct	*-563.40*	
32 94 43 00-0038	EA	72" x 72", >850 LB Cast Iron Tree Grate With Frame	3,987.18	164.31
		For >3 To 9, Deduct	*-274.39*	
		For >9, Deduct	*-567.08*	

32 94 43 00-0039 Rectangular Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0040	EA	36" x 48", 200 To 250 LB Cast Iron Tree Grate With Frame	1,758.24	77.32
		For >3 To 9, Deduct	*-120.27*	
		For >9, Deduct	*-248.56*	
32 94 43 00-0041	EA	36" x 60", 200 To 250 LB Cast Iron Tree Grate With Frame	1,793.87	77.32
		For >3 To 9, Deduct	*-122.94*	
		For >9, Deduct	*-254.08*	
32 94 43 00-0042	EA	36" x 72", 275 To 325 LB Cast Iron Tree Grate With Frame	2,191.26	96.65
		For >3 To 9, Deduct	*-149.85*	
		For >9, Deduct	*-309.68*	
32 94 43 00-0043	EA	48" x 72", Up To 350 LB Cast Iron Tree Grate With Frame	2,588.01	96.65
		For >3 To 9, Deduct	*-179.60*	
		For >9, Deduct	*-371.18*	
32 94 43 00-0044	EA	48" x 72", >350 LB Cast Iron Tree Grate With Frame	2,759.06	96.65
		For >3 To 9, Deduct	*-192.43*	
		For >9, Deduct	*-397.69*	
32 94 43 00-0045	EA	60" x 84", 700 To 750 LB Cast Iron Tree Grate With Frame	3,678.34	164.31
		For >3 To 9, Deduct	*-251.23*	
		For >9, Deduct	*-519.21*	

32 94 46 Tree Grids *(32 94)*

32 94 46 00-0001 Tree Wells *(32 94 46)*

32 94 46 00-0002	EA	Type 1, Case 1 Tree Well, 4'-1" x 4'-1" x 3" Permeable Concrete Cover Note: Includes saw cutting, concrete removal, excavation, 3" permeable concrete tree well cover, premolded joint filler, drywell pipes and 3" layer of crushed rock. Excludes tree, soil, tree planting, and water.	905.35	96.65
32 94 46 00-0003	EA	Type 1, Case 2 Tree Well, 2'-11" x 5'-6" x 3" Permeable Concrete Cover Note: Includes saw cutting, concrete removal, excavation, 3" permeable concrete tree well cover, premolded joint filler, drywell pipes and 3" layer of crushed rock. Excludes tree, soil, tree planting, and water.	881.44	77.32
32 94 46 00-0004	EA	Type 2, Case 1 Tree Well, 4'-1" x 4'-1" x 3" "Manhole" Brick Cover Note: Includes saw cutting, concrete removal, excavation, manhole brick tree well cover, premolded joint filler, redwood header, drywell pipes and 3" layer of crushed rock. Excludes tree, soil, tree planting, and water.	1,074.90	96.65
32 94 46 00-0005	EA	Type 2, Case 2 Tree Well, 2'-11" x 5'-6" x 3" "Manhole" Brick Cover Note: Includes saw cutting, concrete removal, excavation, manhole brick tree well cover, premolded joint filler, redwood header, drywell pipes and 3" layer of crushed rock. Excludes tree, soil, tree planting, and water.	1,048.32	77.32
32 94 46 00-0006	EA	Type 3, Case 1 Tree Well, 4'-1" x 4'-1" x 3" Hollow Concrete Block Cover Note: Includes saw cutting, concrete removal, excavation, hollow concrete block tree well cover, premolded joint filler, redwood header, drywell pipes and 3" layer of crushed rock. Excludes tree, soil, tree planting, and water.	973.96	96.65
32 94 46 00-0007	EA	Type 3, Tree Well, 3' x 18" Precast Permeable Concrete Note: Includes saw cutting, concrete removal, and precast permeable concrete tree well cover. Excludes excavation, tree, soil, tree planting, and water.	199.01	
32 94 46 00-0008	EA	Type 3, Tree Well, 4' x 24" Precast Permeable Concrete Note: Includes saw cutting, concrete removal, and precast permeable concrete tree well cover. Excludes excavation, tree, soil, tree planting, and water.	302.47	
32 94 46 00-0009	EA	Type 3, Tree Well, 3' x 3' Precast Permeable Concrete Note: Includes saw cutting, concrete removal, and precast permeable concrete tree well cover. Excludes excavation, tree, soil, tree planting, and water.	371.30	
32 94 46 00-0010	EA	Type 3, Tree Well, 4' x 4' Precast Permeable Concrete Note: Includes saw cutting, concrete removal, and precast permeable concrete tree well cover. Excludes excavation, tree, soil, tree planting, and water.	564.30	
32 94 46 00-0011	EA	Type 4 Tree Well, 5' x 5' Cast Iron Grate With Frame Note: Includes saw cutting, concrete removal, excavation, cast iron grate with frame, drywell pipes and 3" layer of crushed rock. Excludes tree, soil, tree planting, and water.	3,956.19	

32 94 49 Plant and Tree Accessories *(32 94)*

32 94 49 00-0001 Tree Guying *(32 94 49)*

32 94 49 00-0002 Tree Guying, Stakes *(32 94 49 00-0001)*

Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.

32 94 49 00-0003	EA	Tree Guying Up To 2" Caliper, 2 Stakes, Guy Wire And Wrap	23.30
32 94 49 00-0004	EA	Tree Guying 2" To 3" Caliper, 2 Stakes, Guy Wire And Wrap	42.30
32 94 49 00-0005	EA	Tree Guying 3" To 4" Caliper, 3 Stakes, Guy Wire And Wrap	72.70

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 49 00-0006		**Tree Guying, Anchors** *(32 94 49 00-0001)* Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.		
32 94 49 00-0007	EA	Tree Guying Up To 3" Caliper, 3" Anchors And Polypropylene Flat Rope	96.56	
32 94 49 00-0008	EA	Tree Guying 3" To 6" Caliper, 4" Anchors And Polypropylene Flat Rope	130.09	
32 94 49 00-0009	EA	Tree Guying 6" To 8" Caliper, 6" Anchors And Polypropylene Flat Rope	165.84	
32 94 49 00-0010	EA	Tree Guying 8" And Up Caliper, 8" Anchors And Polypropylene Flat Rope	215.42	
32 94 49 00-0011		**Tree Wrap** *(32 94 49)*		
32 94 49 00-0012	EA	Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree	6.79	
32 94 49 00-0013	EA	Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree	11.33	
32 94 49 00-0014	EA	Tree Wrap, >2" To 4" Caliper Applied Ground Level To First Branches Of Tree	22.49	
32 94 49 00-0015	EA	Tree Wrap, >4" To 6" Caliper Applied Ground Level To First Branches Of Tree	34.91	
32 94 49 00-0016		**Tree Guards** *(32 94 49)*		
32 94 49 00-0017	EA	3' Preformed Plastic Tree Guard	13.41	
32 94 49 00-0018	EA	2' Preformed Plastic Tree Guard	11.77	
32 94 49 00-0019		**Stake Out Tree And Shrub Locations** *(32 94 49)* Note: When no design available.		
32 94 49 00-0020	EA	Stake Out Trees Or Shrubs	7.06	
32 94 49 00-0021		**Root Barriers** *(32 94 49)*		
32 94 49 00-0022	EA	12" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	12.20	
32 94 49 00-0023	EA	18" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	17.34	
32 94 49 00-0024	EA	24" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	20.50	
32 94 49 00-0025	EA	36" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	38.54	
32 94 49 00-0026	EA	48" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	53.30	
32 94 49 00-0027		**Silva Cells** *(32 94 49)* Note: Excludes excavation, earthwork, crushed aggregate base, backfill, compaction, planting soil, tree and mulch. See CSI section 31 23 16 36-0001 for excavation, 31 23 16 36-0016 for backfill, 31 23 16 36-0020 for compaction, 32 11 16 16-0000 for crushed aggregate base, 32 91 13 16-0001 for mulch, 32 91 19 13-0010 for planting soil.		
32 94 49 00-0028	EA	48" x 24" x 30.9" High Silva Cell 2 - 2x System (DeepRoot SC2-2X) Note: Includes one SC2 base, one SC2 deck and six 2X posts.	373.79	
32 94 49 00-0029	EA	10" Long x 19/64" Diameter Galvanized Timber Spikes (DeepRoot SC Spike)	2.86	
32 94 49 00-0030	EA	25" Long Cable/Zip Ties (DeepRoot SC2-Cable ties)	0.88	
32 94 49 00-0031	SF	Bi/Uniaxial GeoGrid, Miragrid 2XT/ SG150 (DeepRoot SC2-GG 12-150)	0.68	
32 94 49 00-0032	SF	Woven PP Geotextile Fabric (DeepRoot GT-570)	0.76	
32 94 49 00-0033	EA	Strong Back, Silva Cell 2 (DeepRoot SC2-SB)	107.68	
32 94 49 00-0034	LF	18" x 2' Universal Tree Root Guide (DeepRoot UB 18-2)	12.21	

32 96 Transplanting *(32 90)*

See CSI section 32 94 49 00-0001 for guying.

32 96 33 Shrub Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 96 33 00-0001		**Moving Shrubs On Site, Relocate** *(32 96 33)* Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 32 94 49 00-0001 for guying.		
32 96 33 00-0002	EA	Up To 18" Root Ball, Move Shrubs On Site	76.45	
		For >25 To 50, Deduct	*-7.65*	
		For >50, Deduct	*-11.47*	
32 96 33 00-0003	EA	>18" To 24" Root Ball, Move Shrubs On Site	103.44	
		For >25 To 50, Deduct	*-10.34*	
		For >50, Deduct	*-15.52*	
32 96 33 00-0004	EA	>24" To 30" Root Ball, Move Shrubs On Site	175.38	
		For >25 To 50, Deduct	*-17.54*	
		For >50, Deduct	*-26.31*	
32 96 33 00-0005	EA	>30" To 36" Root Ball, Move Shrubs On Site	269.83	
		For >25 To 50, Deduct	*-26.98*	
		For >50, Deduct	*-40.47*	

32 96 43 Tree Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 96 43 00-0001		**Moving Trees On Site, Relocate** *(32 96 43)* Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 01 22 23 00-0942 for crane lifting equipment, 32 94 49 00-0001 for guying.		
32 96 43 00-0002	EA	Up To 24" Root Ball, Move Trees On Site	291.77	
		For >5 To 10, Deduct	*-14.59*	
		For >10 To 20, Deduct	*-29.18*	
		For >20, Deduct	*-43.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 96 43 00-0003	EA	>24" To 30" Root Ball, Move Trees On Site	400.14	
		For >5 To 10, Deduct	*-20.01*	
		For >10 To 20, Deduct	*-40.01*	
		For >20, Deduct	*-60.02*	
32 96 43 00-0004	EA	>30" To 36" Root Ball, Move Trees On Site	648.36	
		For >5 To 10, Deduct	*-32.42*	
		For >10 To 20, Deduct	*-64.84*	
		For >20, Deduct	*-97.25*	
32 96 43 00-0005	EA	>36" To 48" Root Ball, Move Trees On Site	1,077.29	
		For >5 To 10, Deduct	*-53.86*	
		For >10 To 20, Deduct	*-107.73*	
		For >20, Deduct	*-161.59*	
32 96 43 00-0006	EA	>48" To 60" Root Ball, Move Trees On Site	1,750.59	
		For >5 To 10, Deduct	*-87.53*	
		For >10 To 20, Deduct	*-175.06*	
		For >20, Deduct	*-262.59*	
32 96 43 00-0007	EA	>60" To 72" Root Ball, Move Trees On Site	2,258.82	
		For >5 To 10, Deduct	*-112.94*	
		For >10 To 20, Deduct	*-225.88*	
		For >20, Deduct	*-338.82*	
32 96 43 00-0008	EA	>72" To 84" Root Ball, Move Trees On Site	2,917.65	
		For >5 To 10, Deduct	*-145.88*	
		For >10 To 20, Deduct	*-291.77*	
		For >20, Deduct	*-437.65*	
32 96 43 00-0009	EA	>84" To 96" Root Ball, Move Trees On Site	3,501.18	
		For >5 To 10, Deduct	*-175.06*	
		For >10 To 20, Deduct	*-350.12*	
		For >20, Deduct	*-525.18*	
32 96 43 00-0010	EA	>96" To 120" Root Ball, Move Trees On Site	3,978.61	
		For >5 To 10, Deduct	*-198.93*	
		For >10 To 20, Deduct	*-397.86*	
		For >20, Deduct	*-596.79*	

END OF SECTION 32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 Utilities

Note: Buried plastic pipe and conduit includes detectable tracer wire

33 01 Operation and Maintenance of Utilities *(33)*

33 01 10 Operation and Maintenance of Water Utilities *(33 01)*

33 01 10 54 Cleaning of Water Utility Piping *(33 01 10)*

See CSI section 33 01 30 41-0012 for cleaning of water lines.

33 01 10 58 Disinfection of Water Utility Piping Systems *(33 01 10)*

33 01 10 58-0001 Water Main Disinfection/Sterilization *(33 01 10 58)*

Note: Gas chlorination. Continuous or plug method.

33 01 10 58-0002	EA	Setting Up And Removing Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	1,026.35	
33 01 10 58-0003	EA	Re-Set Up/Move Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	513.17	
33 01 10 58-0004	LF	Up To 4" Diameter Pipe Water Main Disinfection/Sterilization	0.38	
		For >250 To 500, Deduct	*-0.02*	
		For >500 To 1,000, Deduct	*-0.04*	
		For >1,000 To 2,000, Deduct	*-0.06*	
		For >2,000 To 5,000, Deduct	*-0.08*	
		For >5,000, Deduct	*-0.10*	
33 01 10 58-0005	LF	6" Diameter Pipe Water Main Disinfection/Sterilization	0.59	
		For >250 To 500, Deduct	*-0.03*	
		For >500 To 1,000, Deduct	*-0.06*	
		For >1,000 To 2,000, Deduct	*-0.09*	
		For >2,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.15*	
33 01 10 58-0006	LF	8" Diameter Pipe Water Main Disinfection/Sterilization	0.77	
		For >250 To 500, Deduct	*-0.04*	
		For >500 To 1,000, Deduct	*-0.08*	
		For >1,000 To 2,000, Deduct	*-0.12*	
		For >2,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.19*	
33 01 10 58-0007	LF	10" Diameter Pipe Water Main Disinfection/Sterilization	0.90	
		For >250 To 500, Deduct	*-0.05*	
		For >500 To 1,000, Deduct	*-0.09*	
		For >1,000 To 2,000, Deduct	*-0.14*	
		For >2,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.23*	
33 01 10 58-0008	LF	12" Diameter Pipe Water Main Disinfection/Sterilization	1.19	
		For >250 To 500, Deduct	*-0.06*	
		For >500 To 1,000, Deduct	*-0.12*	
		For >1,000 To 2,000, Deduct	*-0.18*	
		For >2,000 To 5,000, Deduct	*-0.24*	
		For >5,000, Deduct	*-0.30*	
33 01 10 58-0009	LF	>12" To 16" Diameter Pipe Water Main Disinfection/Sterilization	1.34	
		For >250 To 500, Deduct	*-0.07*	
		For >500 To 1,000, Deduct	*-0.13*	
		For >1,000 To 2,000, Deduct	*-0.20*	
		For >2,000 To 5,000, Deduct	*-0.27*	
		For >5,000, Deduct	*-0.34*	
33 01 10 58-0010	LF	>16" To 24" Diameter Pipe Water Main Disinfection/Sterilization	1.54	
		For >250 To 500, Deduct	*-0.08*	
		For >500 To 1,000, Deduct	*-0.15*	
		For >1,000 To 2,000, Deduct	*-0.23*	
		For >2,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.39*	
33 01 10 58-0011	LF	>24" To 30" Diameter Pipe Water Main Disinfection/Sterilization	1.81	
		For >250 To 500, Deduct	*-0.09*	
		For >500 To 1,000, Deduct	*-0.18*	
		For >1,000 To 2,000, Deduct	*-0.27*	
		For >2,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.45*	
33 01 10 58-0012	LF	>30" To 42" Diameter Pipe Water Main Disinfection/Sterilization	2.33	
		For >250 To 500, Deduct	*-0.12*	
		For >500 To 1,000, Deduct	*-0.23*	
		For >1,000 To 2,000, Deduct	*-0.35*	
		For >2,000 To 5,000, Deduct	*-0.47*	
		For >5,000, Deduct	*-0.58*	
33 01 10 58-0013	LF	>42" To 60" Diameter Pipe Water Main Disinfection/Sterilization	3.42	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1,000, Deduct	*-0.34*	
		For >1,000 To 2,000, Deduct	*-0.51*	
		For >2,000 To 5,000, Deduct	*-0.68*	
		For >5,000, Deduct	*-0.86*	
33 01 10 58-0014	LF	>60" Diameter Pipe Water Main Disinfection/Sterilization	4.74	
		For >250 To 500, Deduct	*-0.24*	
		For >500 To 1,000, Deduct	*-0.47*	
		For >1,000 To 2,000, Deduct	*-0.71*	
		For >2,000 To 5,000, Deduct	*-0.95*	
		For >5,000, Deduct	*-1.19*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 01 10 71 Relining Water Utilities Pipelines *(33 01 10)*

See CSI section 33 01 30 71-0000 for relining water pipelines.

33 01 10 71-0001 Relining Underground Water Pipelines *(33 01 10 71)*

Note: Excludes costs for CCTV inspection, pipe cleaning, pavement; temporary and permanent, emergency after hours response for homeowners backups.

33 01 10 71-0002 Relining Underground Water Pipelines Set-Up And Reinsertion *(33 01 10 71-0001)*

33 01 10 71-0003	EA	Initial Set Up And Final Equipment Removal For Relining Underground Water Pipelines	5,112.65
33 01 10 71-0004	EA	Move And Reset Up At Different Access/Location	2,045.07

33 01 10 71-0005 Lining Pipe With Cement *(33 01 10 71-0001)*

33 01 10 71-0006	LF	Up To 500', 4" Pipe, 1/8" Pipe Lining With Cement	59.87	
		For 3/16" Thickness, Add	*1.16*	
		For 1/4" Thickness, Add	*2.32*	
33 01 10 71-0007	LF	>500' To 1,000', 4" Pipe, 1/8" Pipe Lining With Cement	53.38	
		For 3/16" Thickness, Add	*1.16*	
		For 1/4" Thickness, Add	*2.32*	
33 01 10 71-0008	LF	>1,000' To 5,000', 4" Pipe, 1/8" Pipe Lining With Cement	44.67	
		For 3/16" Thickness, Add	*1.16*	
		For 1/4" Thickness, Add	*2.32*	
33 01 10 71-0009	LF	>5,000', 4" Pipe, 1/8" Pipe Lining With Cement	33.74	
		For 3/16" Thickness, Add	*1.16*	
		For 1/4" Thickness, Add	*2.32*	
33 01 10 71-0010	LF	Up To 500', 6" Pipe, 1/8" Pipe Lining With Cement	62.51	
		For 3/16" Thickness, Add	*1.74*	
		For 1/4" Thickness, Add	*3.47*	
33 01 10 71-0011	LF	>500' To 1,000', 6" Pipe, 1/8" Pipe Lining With Cement	55.77	
		For 3/16" Thickness, Add	*1.74*	
		For 1/4" Thickness, Add	*3.47*	
33 01 10 71-0012	LF	>1,000' To 5,000', 6" Pipe, 1/8" Pipe Lining With Cement	46.76	
		For 3/16" Thickness, Add	*1.74*	
		For 1/4" Thickness, Add	*3.47*	
33 01 10 71-0013	LF	>5,000', 6" Pipe, 1/8" Pipe Lining With Cement	35.68	
		For 3/16" Thickness, Add	*1.74*	
		For 1/4" Thickness, Add	*3.47*	
33 01 10 71-0014	LF	Up To 500', 8" Pipe, 1/8" Pipe Lining With Cement	65.06	
		For 3/16" Thickness, Add	*2.31*	
		For 1/4" Thickness, Add	*4.62*	
33 01 10 71-0015	LF	>500' To 1,000', 8" Pipe, 1/8" Pipe Lining With Cement	58.17	
		For 3/16" Thickness, Add	*2.31*	
		For 1/4" Thickness, Add	*4.62*	
33 01 10 71-0016	LF	>1,000' To 5,000', 8" Pipe, 1/8" Pipe Lining With Cement	48.86	
		For 3/16" Thickness, Add	*2.31*	
		For 1/4" Thickness, Add	*4.62*	
33 01 10 71-0017	LF	>5,000', 8" Pipe, 1/8" Pipe Lining With Cement	37.62	
		For 3/16" Thickness, Add	*2.31*	
		For 1/4" Thickness, Add	*4.62*	
33 01 10 71-0018	LF	Up To 500', 10" Pipe, 1/8" Pipe Lining With Cement	67.09	
		For 3/16" Thickness, Add	*2.90*	
		For 1/4" Thickness, Add	*5.80*	
33 01 10 71-0019	LF	>500' To 1,000', 10" Pipe, 1/8" Pipe Lining With Cement	60.08	
		For 3/16" Thickness, Add	*2.90*	
		For 1/4" Thickness, Add	*5.80*	
33 01 10 71-0020	LF	>1,000' To 5,000', 10" Pipe, 1/8" Pipe Lining With Cement	50.64	
		For 3/16" Thickness, Add	*2.90*	
		For 1/4" Thickness, Add	*5.80*	
33 01 10 71-0021	LF	>5,000', 10" Pipe, 1/8" Pipe Lining With Cement	39.60	
		For 3/16" Thickness, Add	*2.90*	
		For 1/4" Thickness, Add	*5.80*	
33 01 10 71-0022	LF	Up To 500', 12" Pipe, 1/8" Pipe Lining With Cement	72.66	
		For 3/16" Thickness, Add	*3.48*	
		For 1/4" Thickness, Add	*6.95*	
33 01 10 71-0023	LF	>500' To 1,000', 12" Pipe, 1/8" Pipe Lining With Cement	65.21	
		For 3/16" Thickness, Add	*3.48*	
		For 1/4" Thickness, Add	*6.95*	
33 01 10 71-0024	LF	>1,000' To 5,000', 12" Pipe, 1/8" Pipe Lining With Cement	55.16	
		For 3/16" Thickness, Add	*3.48*	
		For 1/4" Thickness, Add	*6.95*	
33 01 10 71-0025	LF	>5,000', 12" Pipe, 1/8" Pipe Lining With Cement	43.23	
		For 3/16" Thickness, Add	*3.48*	
		For 1/4" Thickness, Add	*6.95*	
33 01 10 71-0026	LF	Up To 500', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	79.29	
		For 1/4" Thickness, Add	*3.86*	
		For 5/16" Thickness, Add	*7.73*	
33 01 10 71-0027	LF	>500' To 1,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	71.57	
		For 1/4" Thickness, Add	*3.86*	
		For 5/16" Thickness, Add	*7.73*	
33 01 10 71-0028	LF	>1,000' To 5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	61.10	
		For 1/4" Thickness, Add	*3.86*	
		For 5/16" Thickness, Add	*7.73*	
33 01 10 71-0029	LF	>5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	49.66	
		For 1/4" Thickness, Add	*3.86*	
		For 5/16" Thickness, Add	*7.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0030	LF	Up To 500', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	83.57	
		For 1/4" Thickness, Add	*4.63*	
		For 5/16" Thickness, Add	*9.26*	
33 01 10 71-0031	LF	>500' To 1,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	75.61	
		For 1/4" Thickness, Add	*4.63*	
		For 5/16" Thickness, Add	*9.26*	
33 01 10 71-0032	LF	>1,000' To 5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	64.79	
		For 1/4" Thickness, Add	*4.63*	
		For 5/16" Thickness, Add	*9.26*	
33 01 10 71-0033	LF	>5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	53.95	
		For 1/4" Thickness, Add	*4.63*	
		For 5/16" Thickness, Add	*9.26*	
33 01 10 71-0034	LF	Up To 500', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	88.78	
		For 1/4" Thickness, Add	*5.40*	
		For 5/16" Thickness, Add	*10.81*	
33 01 10 71-0035	LF	>500' To 1,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	80.54	
		For 1/4" Thickness, Add	*5.40*	
		For 5/16" Thickness, Add	*10.81*	
33 01 10 71-0036	LF	>1,000' To 5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	69.20	
		For 1/4" Thickness, Add	*5.40*	
		For 5/16" Thickness, Add	*10.81*	
33 01 10 71-0037	LF	>5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	59.05	
		For 1/4" Thickness, Add	*5.40*	
		For 5/16" Thickness, Add	*10.81*	
33 01 10 71-0038	LF	Up To 500', 24" Pipe, 3/16" Pipe Lining With Cement	94.09	
		For 1/4" Thickness, Add	*6.18*	
		For 5/16" Thickness, Add	*12.36*	
33 01 10 71-0039	LF	>500' To 1,000', 24" Pipe, 3/16" Pipe Lining With Cement	85.51	
		For 1/4" Thickness, Add	*6.18*	
		For 5/16" Thickness, Add	*12.36*	
33 01 10 71-0040	LF	>1,000' To 5,000', 24" Pipe, 3/16" Pipe Lining With Cement	73.81	
		For 1/4" Thickness, Add	*6.18*	
		For 5/16" Thickness, Add	*12.36*	
33 01 10 71-0041	LF	>5,000', 24" Pipe, 3/16" Pipe Lining With Cement	64.36	
		For 1/4" Thickness, Add	*6.18*	
		For 5/16" Thickness, Add	*12.36*	
33 01 10 71-0042	LF	Up To 500', 30" Pipe, 3/16" Pipe Lining With Cement	101.59	
		For 1/4" Thickness, Add	*7.72*	
		For 5/16" Thickness, Add	*15.44*	
33 01 10 71-0043	LF	>500' To 1,000', 30" Pipe, 3/16" Pipe Lining With Cement	92.52	
		For 1/4" Thickness, Add	*7.72*	
		For 5/16" Thickness, Add	*15.44*	
33 01 10 71-0044	LF	>1,000' To 5,000', 30" Pipe, 3/16" Pipe Lining With Cement	80.12	
		For 1/4" Thickness, Add	*7.72*	
		For 5/16" Thickness, Add	*15.44*	
33 01 10 71-0045	LF	>5,000', 30" Pipe, 3/16" Pipe Lining With Cement	70.58	
		For 1/4" Thickness, Add	*7.72*	
		For 5/16" Thickness, Add	*15.44*	
33 01 10 71-0046	LF	Up To 500', 36" Pipe, 3/16" Pipe Lining With Cement	109.02	
		For 1/4" Thickness, Add	*9.27*	
		For 5/16" Thickness, Add	*18.53*	
33 01 10 71-0047	LF	500' To 1,000', 36" Pipe, 3/16" Pipe Lining With Cement	99.54	
		For 1/4" Thickness, Add	*9.27*	
		For 5/16" Thickness, Add	*18.53*	
33 01 10 71-0048	LF	>1,000' To 5,000', 36" Pipe, 3/16" Pipe Lining With Cement	86.46	
		For 1/4" Thickness, Add	*9.27*	
		For 5/16" Thickness, Add	*18.53*	
33 01 10 71-0049	LF	>5,000', 36" Pipe, 3/16" Pipe Lining With Cement	76.81	
		For 1/4" Thickness, Add	*9.27*	
		For 5/16" Thickness, Add	*18.53*	
33 01 10 71-0050	LF	Up To 500', 42" Pipe, 1/4" Pipe Lining With Cement	137.41	
		For 3/8" Thickness, Add	*24.32*	
		For 7/16" Thickness, Add	*36.48*	
33 01 10 71-0051	LF	>500' To 1,000', 42" Pipe, 1/4" Pipe Lining With Cement	127.09	
		For 3/8" Thickness, Add	*24.32*	
		For 7/16" Thickness, Add	*36.48*	
33 01 10 71-0052	LF	>1,000' To 5,000', 42" Pipe, 1/4" Pipe Lining With Cement	112.86	
		For 3/8" Thickness, Add	*24.32*	
		For 7/16" Thickness, Add	*36.48*	
33 01 10 71-0053	LF	>5,000', 42" Pipe, 1/4" Pipe Lining With Cement	102.92	
		For 3/8" Thickness, Add	*24.32*	
		For 7/16" Thickness, Add	*36.48*	
33 01 10 71-0054	LF	Up To 500', 48" Pipe, 1/4" Pipe Lining With Cement	151.82	
		For 3/8" Thickness, Add	*27.80*	
		For 7/16" Thickness, Add	*41.69*	
33 01 10 71-0055	LF	>500' To 1,000', 48" Pipe, 1/4" Pipe Lining With Cement	140.77	
		For 3/8" Thickness, Add	*27.80*	
		For 7/16" Thickness, Add	*41.69*	
33 01 10 71-0056	LF	>1,000' To 5,000', 48" Pipe, 1/4" Pipe Lining With Cement	125.47	
		For 3/8" Thickness, Add	*27.80*	
		For 7/16" Thickness, Add	*41.69*	
33 01 10 71-0057	LF	>5,000', 48" Pipe, 1/4" Pipe Lining With Cement	115.34	
		For 3/8" Thickness, Add	*27.80*	
		For 7/16" Thickness, Add	*41.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0058	LF	Up To 500', 54" Pipe, 1/4" Pipe Lining With Cement	160.54	
		For 3/8" Thickness, Add	*31.27*	
		For 7/16" Thickness, Add	*46.90*	
33 01 10 71-0059	LF	>500' To 1,000', 54" Pipe, 1/4" Pipe Lining With Cement	149.26	
		For 3/8" Thickness, Add	*31.27*	
		For 7/16" Thickness, Add	*46.90*	
33 01 10 71-0060	LF	>1,000' To 5,000', 54" Pipe, 1/4" Pipe Lining With Cement	133.61	
		For 3/8" Thickness, Add	*31.27*	
		For 7/16" Thickness, Add	*46.90*	
33 01 10 71-0061	LF	>5,000', 54" Pipe, 1/4" Pipe Lining With Cement	123.86	
		For 3/8" Thickness, Add	*31.27*	
		For 7/16" Thickness, Add	*46.90*	
33 01 10 71-0062	LF	Up To 500', 60" Pipe, 1/4" Pipe Lining With Cement	169.31	
		For 3/8" Thickness, Add	*34.75*	
		For 7/16" Thickness, Add	*52.13*	
33 01 10 71-0063	LF	>500' To 1,000', 60" Pipe, 1/4" Pipe Lining With Cement	157.82	
		For 3/8" Thickness, Add	*34.75*	
		For 7/16" Thickness, Add	*52.13*	
33 01 10 71-0064	LF	>1,000' To 5,000', 60" Pipe, 1/4" Pipe Lining With Cement	141.87	
		For 3/8" Thickness, Add	*34.75*	
		For 7/16" Thickness, Add	*52.13*	
33 01 10 71-0065	LF	>5,000', 60" Pipe, 1/4" Pipe Lining With Cement	132.43	
		For 3/8" Thickness, Add	*34.75*	
		For 7/16" Thickness, Add	*52.13*	
33 01 10 71-0066	LF	Up To 500', 66" Pipe, 1/4" Pipe Lining With Cement	178.35	
		For 3/8" Thickness, Add	*38.23*	
		For 7/16" Thickness, Add	*57.34*	
33 01 10 71-0067	LF	>500' To 1,000', 66" Pipe, 1/4" Pipe Lining With Cement	166.62	
		For 3/8" Thickness, Add	*38.23*	
		For 7/16" Thickness, Add	*57.34*	
33 01 10 71-0068	LF	>1,000' To 5,000', 66" Pipe, 1/4" Pipe Lining With Cement	150.41	
		For 3/8" Thickness, Add	*38.23*	
		For 7/16" Thickness, Add	*57.34*	
33 01 10 71-0069	LF	>5,000', 66" Pipe, 1/4" Pipe Lining With Cement	141.66	
		For 3/8" Thickness, Add	*38.23*	
		For 7/16" Thickness, Add	*57.34*	
33 01 10 71-0070	LF	Up To 500', 72" Pipe, 1/4" Pipe Lining With Cement	187.77	
		For 3/8" Thickness, Add	*41.70*	
		For 7/16" Thickness, Add	*62.54*	
33 01 10 71-0071	LF	>500' To 1,000', 72" Pipe, 1/4" Pipe Lining With Cement	175.84	
		For 3/8" Thickness, Add	*41.70*	
		For 7/16" Thickness, Add	*62.54*	
33 01 10 71-0072	LF	>1,000' To 5,000', 72" Pipe, 1/4" Pipe Lining With Cement	159.24	
		For 3/8" Thickness, Add	*41.70*	
		For 7/16" Thickness, Add	*62.54*	
33 01 10 71-0073	LF	>5,000', 72" Pipe, 1/4" Pipe Lining With Cement	150.99	
		For 3/8" Thickness, Add	*41.70*	
		For 7/16" Thickness, Add	*62.54*	

33 01 10 71-0074 Lining Pipe With Epoxy *(33 01 10 71-0001)*

33 01 10 71-0075	LF	Up To 500', 4" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	56.07
33 01 10 71-0076	LF	>500' To 1,000', 4" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	50.09
33 01 10 71-0077	LF	>1,000' To 5,000', 4" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	42.07
33 01 10 71-0078	LF	>5,000', 4" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	38.07
33 01 10 71-0079	LF	Up To 500', 6" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	58.98
33 01 10 71-0080	LF	>500' To 1,000', 6" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	52.79
33 01 10 71-0081	LF	>1,000' To 5,000', 6" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	44.50
33 01 10 71-0082	LF	>5,000', 6" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	40.34
33 01 10 71-0083	LF	Up To 500', 8" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	61.83
33 01 10 71-0084	LF	>500' To 1,000', 8" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	55.49
33 01 10 71-0085	LF	>1,000' To 5,000', 8" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	46.92
33 01 10 71-0086	LF	>5,000', 8" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	42.70
33 01 10 71-0087	LF	Up To 500', 10" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	59.03
33 01 10 71-0088	LF	>500' To 1,000', 10" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	57.72
33 01 10 71-0089	LF	>1,000' To 5,000', 10" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	49.06
33 01 10 71-0090	LF	>5,000', 10" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	44.74
33 01 10 71-0091	LF	Up To 500', 12" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	69.80
33 01 10 71-0092	LF	>500' To 1,000', 12" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	62.94
33 01 10 71-0093	LF	>1,000' To 5,000', 12" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	53.69
33 01 10 71-0094	LF	>5,000', 12" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	49.02
33 01 10 71-0095	LF	Up To 500', >12" To 16" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	73.99
33 01 10 71-0096	LF	>500' To 1,000', >12" To 16" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	66.86
33 01 10 71-0097	LF	>1,000' To 5,000', >12" To 16" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	57.24
33 01 10 71-0098	LF	>5,000', >12" To 16" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	52.38
33 01 10 71-0099	LF	Up To 500', >16" To 20" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	78.11
33 01 10 71-0100	LF	>500' To 1,000', >16" To 20" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	70.80
33 01 10 71-0101	LF	1,000' To 5,000', >16" To 20" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	60.84
33 01 10 71-0102	LF	>5,000', >16" To 20" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	55.81
33 01 10 71-0103	LF	Up To 500', >20" To 22" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	83.14
33 01 10 71-0104	LF	>500' To 1,000', >20" To 22" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	75.53
33 01 10 71-0105	LF	>1,000' To 5,000', >20" To 22" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	65.10
33 01 10 71-0106	LF	>5,000', >20" To 22" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	59.98

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0107	LF	Up To 500', 24" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	88.19	
33 01 10 71-0108	LF	>500' To 1,000', 24" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	80.30	
33 01 10 71-0109	LF	>1,000' To 5,000', 24" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	69.53	
33 01 10 71-0110	LF	>5,000', 24" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	64.15	
33 01 10 71-0111	LF	Up To 500', 30" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	95.52	
33 01 10 71-0112	LF	>500' To 1,000', 30" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	87.16	
33 01 10 71-0113	LF	>1,000' To 5,000', 30" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	75.76	
33 01 10 71-0114	LF	>5,000', 30" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	70.00	
33 01 10 71-0115	LF	Up To 500', 36" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	102.77	
33 01 10 71-0116	LF	>500' To 1,000', 36" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	94.05	
33 01 10 71-0117	LF	>1,000' To 5,000', 36" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	82.02	
33 01 10 71-0118	LF	>5,000', 36" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	76.04	
33 01 10 71-0119	LF	Up To 500', 42" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	114.39	
33 01 10 71-0120	LF	>500' To 1,000', 42" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	104.88	
33 01 10 71-0121	LF	>1,000' To 5,000', 42" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	91.80	
33 01 10 71-0122	LF	>5,000', 42" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	85.32	
33 01 10 71-0123	LF	Up To 500', 48" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	125.94	
33 01 10 71-0124	LF	>500' To 1,000', 48" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	115.76	
33 01 10 71-0125	LF	>1,000' To 5,000', 48" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	101.71	
33 01 10 71-0126	LF	>5,000', 48" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	94.76	
33 01 10 71-0127	LF	Up To 500', 54" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	132.25	
33 01 10 71-0128	LF	>500' To 1,000', 54" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	121.86	
33 01 10 71-0129	LF	>1,000' To 5,000', 54" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	107.48	
33 01 10 71-0130	LF	>5,000', 54" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	100.32	
33 01 10 71-0131	LF	Up To 500', 60" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	138.54	
33 01 10 71-0132	LF	>500' To 1,000', 60" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	127.98	
33 01 10 71-0133	LF	>1,000' To 5,000', 60" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	113.31	
33 01 10 71-0134	LF	>5,000', 60" Pipe, 1 mm (40 Mil) Epoxy Resin Lining	105.70	

33 01 10 71-0135 Water House Connection *(33 01 10 71-0001)*

33 01 10 71-0136	EA	Blow Out Line To Water House Connection After Lining	51.32	

33 01 30 Operation and Maintenance of Sewer Utilities *(33 01)*

33 01 30 11 Television Inspection Of Pipelines *(33 01 30)*

Note: Rotating head color camera. Includes all log records and color video tape, DVD or CD.

33 01 30 11-0001 Remote Visual Inspection (RVI) Of Pipe Interior And Culverts *(33 01 30 11)*

33 01 30 11-0002 Video Camera Set-up *(33 01 30 11-0001)*

33 01 30 11-0003	EA	Initial Set Up For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert Note: A "push camera" is a straight view camera at the end of a rigid push rod for 1"-12" diameter pipes for distances up to 300 feet.	900.71
33 01 30 11-0004	EA	Initial Set Up For "Crawler" Video Camera Inspection, 4" To 30" Diameter Pipe Or Culvert. Note: Crawlers are generally remotely operated vehicles (ROVs) for longer distances (over 300') and for larger diameters (4" and larger).	1,801.42
33 01 30 11-0005	EA	Initial Set Up For "Crawler" Video Camera Inspection, >30" Diameter Pipe Or Culvert	2,702.13
33 01 30 11-0006	EA	Re-Set Up/Move For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	450.36
33 01 30 11-0007	EA	Re-Set Up/Move For "Crawler" Video Camera Inspection, 4" And Larger Diameter Pipe Or Culvert	900.71

33 01 30 11-0008 Video Camera Planning And Analysis Inspection *(33 01 30 11-0001)*

Note: For pipe interior and culverts.

33 01 30 11-0009	LF	4" To 6" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	2.28
		For >500 To 1,000, Deduct	*-0.23*
		For >1,000 To 5,000, Deduct	*-0.57*
		For >5,000, Deduct	*-0.80*
		For Inspection Not Requiring Pre-cleaning, Deduct	*-0.34*
33 01 30 11-0010	LF	>6" To 12" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	3.05
		For >500 To 1,000, Deduct	*-0.31*
		For >1,000 To 5,000, Deduct	*-0.76*
		For >5,000, Deduct	*-1.07*
		For Inspection Not Requiring Pre-cleaning, Deduct	*-0.46*
33 01 30 11-0011	LF	>12" To 21" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	3.81
		For >500 To 1,000, Deduct	*-0.38*
		For >1,000 To 5,000, Deduct	*-0.95*
		For >5,000, Deduct	*-1.33*
		For Inspection Not Requiring Pre-cleaning, Deduct	*-0.57*
33 01 30 11-0012	LF	>21" To 30" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	5.08
		For >500 To 1,000, Deduct	*-0.51*
		For >1,000 To 5,000, Deduct	*-1.27*
		For >5,000, Deduct	*-1.78*
		For Inspection Not Requiring Pre-cleaning, Deduct	*-0.76*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 11-0013	LF	>30" To 42" Diameter Pipe Inspection, Planning/Analysis Phase	7.14	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.71*	
		For >1,000 To 5,000, Deduct	*-1.79*	
		For >5,000, Deduct	*-2.50*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-1.07*	
33 01 30 11-0014	LF	>42" To 60" Diameter Pipe Inspection, Planning/Analysis Phase	9.52	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.95*	
		For >1,000 To 5,000, Deduct	*-2.38*	
		For >5,000, Deduct	*-3.33*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-1.43*	
33 01 30 11-0015	LF	>60" To 72" Diameter Pipe Inspection, Planning/Analysis Phase	13.43	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.34*	
		For >1,000 To 5,000, Deduct	*-3.36*	
		For >5,000, Deduct	*-4.70*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-2.01*	
33 01 30 11-0016	LF	>72" To 84" Diameter Pipe Inspection, Planning/Analysis Phase	19.03	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.90*	
		For >1,000 To 5,000, Deduct	*-4.76*	
		For >5,000, Deduct	*-6.66*	
		For Inspection Not Requiring Pre-cleaning, Deduct	*-2.85*	
33 01 30 11-0017		**Video Camera Pre-Rehab For Pipe Interior And Culverts** *(33 01 30.11-0001)*		
33 01 30 11-0018	LF	4" To 6" Diameter Pipe Inspection, Pre-Rehabilitation Phase	3.38	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.34*	
		For >1,000 To 5,000, Deduct	*-0.85*	
		For >5,000, Deduct	*-1.18*	
33 01 30 11-0019	LF	>6" To 12" Diameter Pipe Inspection, Pre-Rehabilitation Phase	4.50	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.45*	
		For >1,000 To 5,000, Deduct	*-1.13*	
		For >5,000, Deduct	*-1.58*	
33 01 30 11-0020	LF	>12" To 21" Diameter Pipe Inspection, Pre-Rehabilitation Phase	5.63	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.56*	
		For >1,000 To 5,000, Deduct	*-1.41*	
		For >5,000, Deduct	*-1.97*	
33 01 30 11-0021	LF	>21" To 30" Diameter Pipe Inspection, Pre-Rehabilitation Phase	7.50	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.75*	
		For >1,000 To 5,000, Deduct	*-1.88*	
		For >5,000, Deduct	*-2.63*	
33 01 30 11-0022	LF	>30" To 42" Diameter Pipe Inspection, Pre-Rehabilitation Phase	10.55	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.06*	
		For >1,000 To 5,000, Deduct	*-2.64*	
		For >5,000, Deduct	*-3.69*	
33 01 30 11-0023	LF	>42" To 60" Diameter Pipe Inspection, Pre-Rehabilitation Phase	14.07	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.41*	
		For >1,000 To 5,000, Deduct	*-3.52*	
		For >5,000, Deduct	*-4.92*	
33 01 30 11-0024	LF	>60" To 72" Diameter Pipe Inspection, Pre-Rehabilitation Phase	19.87	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.99*	
		For >1,000 To 5,000, Deduct	*-4.97*	
		For >5,000, Deduct	*-6.95*	
33 01 30 11-0025	LF	>72" To 84" Diameter Pipe Inspection, Pre-Rehabilitation Phase	28.15	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-2.82*	
		For >1,000 To 5,000, Deduct	*-7.04*	
		For >5,000, Deduct	*-9.85*	
33 01 30 11-0026		**Video Camera Post-Rehab For Pipe Interior And Culverts** *(33 01 30 11-0001)*		
33 01 30 11-0027	LF	4" To 6" Diameter Pipe Inspection, Post-Rehabilitation Phase	2.41	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.24*	
		For >1,000 To 5,000, Deduct	*-0.60*	
		For >5,000, Deduct	*-0.84*	
33 01 30 11-0028	LF	>6" To 12" Diameter Pipe Inspection, Post-Rehabilitation Phase	3.22	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.32*	
		For >1,000 To 5,000, Deduct	*-0.81*	
		For >5,000, Deduct	*-1.13*	
33 01 30 11-0029	LF	>12" To 21" Diameter Pipe Inspection, Post-Rehabilitation Phase	4.02	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.40*	
		For >1,000 To 5,000, Deduct	*-1.01*	
		For >5,000, Deduct	*-1.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 11-0030	LF	>21" To 30" Diameter Pipe Inspection, Post-Rehabilitation Phase	5.36	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.54*	
		For >1,000 To 5,000, Deduct	*-1.34*	
		For >5,000, Deduct	*-1.88*	
33 01 30 11-0031	LF	>30" To 42" Diameter Pipe Inspection, Post-Rehabilitation Phase	7.54	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.75*	
		For >1,000 To 5,000, Deduct	*-1.89*	
		For >5,000, Deduct	*-2.64*	
33 01 30 11-0032	LF	>42" To 60" Diameter Pipe Inspection, Post-Rehabilitation Phase	10.05	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.01*	
		For >1,000 To 5,000, Deduct	*-2.51*	
		For >5,000, Deduct	*-3.52*	
33 01 30 11-0033	LF	>60" To 72" Diameter Pipe Inspection, Post-Rehabilitation Phase	14.19	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.42*	
		For >1,000 To 5,000, Deduct	*-3.55*	
		For >5,000, Deduct	*-4.97*	
33 01 30 11-0034	LF	>72" To 84" Diameter Pipe Inspection, Post-Rehabilitation Phase	20.11	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-2.01*	
		For >1,000 To 5,000, Deduct	*-5.03*	
		For >5,000, Deduct	*-7.04*	

33 01 30 23 Pipe Bursting *(33 01 30)*

33 01 30 23-0001 Pipe Bursting *(33 01 30 23)*

Note: The following section excludes costs for CCTV Inspection, sewer cleaning, pavement both temporary and permanent, emergency after hours response for homeowners backups, bypass pumping, tree removal, service saddles, soil testing, and erosion control. See CSI section 31 13 13 00-0001 for tree removal.

33 01 30 23-0002 Manhole Chipping *(33 01 30 23-0001)*

Note: For use at manholes to open holes for pipe bursting head.

33 01 30 23-0003	EA	6" To 15" Diameter, Manhole Chipping	370.10
33 01 30 23-0004	EA	>15" To 24" Diameter, Manhole Chipping	434.50
33 01 30 23-0005	EA	>24" To 36" Diameter, Manhole Chipping	543.10

33 01 30 23-0006 Pipe Bursting *(33 01 30 23-0001)*

Note: Includes equipment to burst or upsize existing clay, cast iron, concrete, PVC or ductile iron pipe; pipe bursting royalty fee. Excludes CCTV inspection, PE piping, excavation of pit, backfill, compaction, final grade, seed and sod restoration, recovery of bursting head disabled by obstruction, either undocumented or unrecognizable during CCTV inspection. See CSI section 33 01 30 23-0051 for PE piping.

33 01 30 23-0007 Pipe Bursting Equipment Set-up *(33 01 30 23-0006)*

33 01 30 23-0008	EA	Initial Set-up And Final Equipment Removal For Up To 12" Underground Pipelines For Pipe Bursting Equipment	6,669.98
33 01 30 23-0009	EA	Initial Set-up And Final Equipment Removal For > 12" To 24" Underground Pipelines For Pipe Bursting Equipment	10,004.97
33 01 30 23-0010	EA	Initial Set-up And Final Equipment Removal For > 24" To 36" Underground Pipelines For Pipe Bursting Equipment	16,674.95
33 01 30 23-0011	EA	Move And Reset Up At Different Access/Location For Up To 12" Underground Pipelines For Pipe Bursting Equipment	2,501.24
33 01 30 23-0012	EA	Move And Reset Up At Different Access/Location For > 12" To 24" Underground Pipelines For Pipe Bursting Equipment	3,751.86
33 01 30 23-0013	EA	Move And Reset Up At Different Access/Location For > 2" To 36" Underground Pipelines For Pipe Bursting Equipment	6,253.10
33 01 30 23-0014	EA	Set Up/Move Pipe Bursting Equipment For Laterals	1,667.49

33 01 30 23-0015 Pneumatic Head Pipe Bursting *(33 01 30 23-0006)*

33 01 30 23-0016	LF	4" Diameter, Pneumatic Head Pipe Bursting	24.43
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*1.90*
		For >150 To 200, Add	*1.14*
		For >100 To 150, Add	*2.27*
		For >75 To 100, Add	*3.41*
		For >50 To 75, Add	*4.55*
		For >25 To 50, Add	*6.06*
		For Up To 25, Add	*8.34*
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*1.90*
		For Bursting Ductile Iron Pipe, Add	*6.39*
33 01 30 23-0017	LF	6" Diameter, Pneumatic Head Pipe Bursting	28.06
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*2.35*
		For >150 To 200, Add	*1.41*
		For >100 To 150, Add	*2.82*
		For >75 To 100, Add	*4.23*
		For >50 To 75, Add	*5.64*
		For >25 To 50, Add	*7.52*
		For Up To 25, Add	*10.33*
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*2.35*
		For Bursting Ductile Iron Pipe, Add	*7.59*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 23-0018	LF	8" Diameter, Pneumatic Head Pipe Bursting	31.48	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*2.78*	
		For >150 To 200, Add	*1.67*	
		For >100 To 150, Add	*3.33*	
		For >75 To 100, Add	*5.00*	
		For >50 To 75, Add	*6.66*	
		For >25 To 50, Add	*8.88*	
		For Up To 25, Add	*12.22*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*2.78*	
		For Bursting Ductile Iron Pipe, Add	*8.72*	
33 01 30 23-0019	LF	10" Diameter, Pneumatic Head Pipe Bursting	35.90	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*3.33*	
		For >150 To 200, Add	*2.00*	
		For >100 To 150, Add	*3.99*	
		For >75 To 100, Add	*5.99*	
		For >50 To 75, Add	*7.99*	
		For >25 To 50, Add	*10.65*	
		For Up To 25, Add	*14.65*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*3.33*	
		For Bursting Ductile Iron Pipe, Add	*10.18*	
33 01 30 23-0020	LF	12" Diameter, Pneumatic Head Pipe Bursting	40.98	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*3.96*	
		For >150 To 200, Add	*2.38*	
		For >100 To 150, Add	*4.76*	
		For >75 To 100, Add	*7.13*	
		For >50 To 75, Add	*9.51*	
		For >25 To 50, Add	*12.68*	
		For Up To 25, Add	*17.44*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*3.96*	
		For Bursting Ductile Iron Pipe, Add	*11.85*	
33 01 30 23-0021	LF	15" Diameter, Pneumatic Head Pipe Bursting	45.54	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*4.09*	
		For >150 To 200, Add	*2.45*	
		For >100 To 150, Add	*4.91*	
		For >75 To 100, Add	*7.36*	
		For >50 To 75, Add	*9.82*	
		For >25 To 50, Add	*13.09*	
		For Up To 25, Add	*18.00*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*4.09*	
		For Bursting Ductile Iron Pipe, Add	*12.72*	
33 01 30 23-0022	LF	18" Diameter, Pneumatic Head Pipe Bursting	50.64	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*4.73*	
		For >150 To 200, Add	*2.84*	
		For >100 To 150, Add	*5.67*	
		For >75 To 100, Add	*8.51*	
		For >50 To 75, Add	*11.35*	
		For >25 To 50, Add	*15.13*	
		For Up To 25, Add	*20.81*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*4.73*	
		For Bursting Ductile Iron Pipe, Add	*14.41*	
33 01 30 23-0023	LF	21"/22" Diameter, Pneumatic Head Pipe Bursting	64.23	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*5.63*	
		For >150 To 200, Add	*3.38*	
		For >100 To 150, Add	*6.75*	
		For >75 To 100, Add	*10.13*	
		For >50 To 75, Add	*13.50*	
		For >25 To 50, Add	*18.00*	
		For Up To 25, Add	*24.75*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*5.63*	
		For Bursting Ductile Iron Pipe, Add	*17.73*	
33 01 30 23-0024	LF	24" Diameter, Pneumatic Head Pipe Bursting	78.70	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*7.43*	
		For >150 To 200, Add	*4.46*	
		For >100 To 150, Add	*8.92*	
		For >75 To 100, Add	*13.38*	
		For >50 To 75, Add	*17.84*	
		For >25 To 50, Add	*23.79*	
		For Up To 25, Add	*32.71*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*7.43*	
		For Bursting Ductile Iron Pipe, Add	*22.51*	
33 01 30 23-0025	LF	30" Diameter, Pneumatic Head Pipe Bursting	87.31	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*7.71*	
		For >150 To 200, Add	*4.63*	
		For >100 To 150, Add	*9.25*	
		For >75 To 100, Add	*13.88*	
		For >50 To 75, Add	*18.51*	
		For >25 To 50, Add	*24.68*	
		For Up To 25, Add	*33.93*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*7.71*	
		For Bursting Ductile Iron Pipe, Add	*24.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 23-0026	LF	36" Diameter, Pneumatic Head Pipe Bursting	112.37	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*10.84*	
		For >150 To 200, Add	*6.51*	
		For >100 To 150, Add	*13.01*	
		For >75 To 100, Add	*19.52*	
		For >50 To 75, Add	*26.03*	
		For >25 To 50, Add	*34.70*	
		For Up To 25, Add	*47.71*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*10.84*	
		For Bursting Ductile Iron Pipe, Add	*32.47*	
33 01 30 23-0027		Static Head Pipe Bursting *(33 01 30 23-0006)*		
33 01 30 23-0028	LF	4" Diameter, Static Head Pipe Bursting	31.80	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*2.82*	
		For >150 To 200, Add	*1.69*	
		For >100 To 150, Add	*3.38*	
		For >75 To 100, Add	*5.07*	
		For >50 To 75, Add	*6.76*	
		For >25 To 50, Add	*9.01*	
		For Up To 25, Add	*12.39*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*2.82*	
		For Bursting Ductile Iron Pipe, Add	*8.83*	
33 01 30 23-0029	LF	6" Diameter, Static Head Pipe Bursting	35.47	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*3.28*	
		For >150 To 200, Add	*1.97*	
		For >100 To 150, Add	*3.93*	
		For >75 To 100, Add	*5.90*	
		For >50 To 75, Add	*7.86*	
		For >25 To 50, Add	*10.48*	
		For Up To 25, Add	*14.41*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*3.28*	
		For Bursting Ductile Iron Pipe, Add	*10.04*	
33 01 30 23-0030	LF	8" Diameter, Static Head Pipe Bursting	39.70	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*3.80*	
		For >150 To 200, Add	*2.28*	
		For >100 To 150, Add	*4.56*	
		For >75 To 100, Add	*6.85*	
		For >50 To 75, Add	*9.13*	
		For >25 To 50, Add	*12.17*	
		For Up To 25, Add	*16.74*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*3.80*	
		For Bursting Ductile Iron Pipe, Add	*11.43*	
33 01 30 23-0031	LF	10" Diameter, Static Head Pipe Bursting	45.21	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*4.49*	
		For >150 To 200, Add	*2.70*	
		For >100 To 150, Add	*5.39*	
		For >75 To 100, Add	*8.09*	
		For >50 To 75, Add	*10.78*	
		For >25 To 50, Add	*14.38*	
		For Up To 25, Add	*19.77*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*4.49*	
		For Bursting Ductile Iron Pipe, Add	*13.25*	
33 01 30 23-0032	LF	12" Diameter, Static Head Pipe Bursting	51.57	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*5.29*	
		For >150 To 200, Add	*3.17*	
		For >100 To 150, Add	*6.35*	
		For >75 To 100, Add	*9.52*	
		For >50 To 75, Add	*12.69*	
		For >25 To 50, Add	*16.92*	
		For Up To 25, Add	*23.27*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*5.29*	
		For Bursting Ductile Iron Pipe, Add	*15.35*	
33 01 30 23-0033	LF	15" Diameter, Static Head Pipe Bursting	59.45	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*5.83*	
		For >150 To 200, Add	*3.50*	
		For >100 To 150, Add	*7.00*	
		For >75 To 100, Add	*10.49*	
		For >50 To 75, Add	*13.99*	
		For >25 To 50, Add	*18.66*	
		For Up To 25, Add	*25.65*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*5.83*	
		For Bursting Ductile Iron Pipe, Add	*17.31*	
33 01 30 23-0034	LF	18" Diameter, Static Head Pipe Bursting	65.60	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*6.60*	
		For >150 To 200, Add	*3.96*	
		For >100 To 150, Add	*7.92*	
		For >75 To 100, Add	*11.88*	
		For >50 To 75, Add	*15.84*	
		For >25 To 50, Add	*21.12*	
		For Up To 25, Add	*29.03*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*6.60*	
		For Bursting Ductile Iron Pipe, Add	*19.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 23-0035	LF	21"/22" Diameter, Static Head Pipe Bursting	82.44	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*7.90*	
		For >150 To 200, Add	*4.74*	
		For >100 To 150, Add	*9.48*	
		For >75 To 100, Add	*14.22*	
		For >50 To 75, Add	*18.96*	
		For >25 To 50, Add	*25.28*	
		For Up To 25, Add	*34.77*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*7.90*	
		For Bursting Ductile Iron Pipe, Add	*23.74*	
33 01 30 23-0036	LF	24" Diameter, Static Head Pipe Bursting	106.07	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*10.86*	
		For >150 To 200, Add	*6.51*	
		For >100 To 150, Add	*13.03*	
		For >75 To 100, Add	*19.54*	
		For >50 To 75, Add	*26.05*	
		For >25 To 50, Add	*34.74*	
		For Up To 25, Add	*47.76*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*10.86*	
		For Bursting Ductile Iron Pipe, Add	*31.54*	
33 01 30 23-0037	LF	30" Diameter, Static Head Pipe Bursting	129.38	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*12.97*	
		For >150 To 200, Add	*7.78*	
		For >100 To 150, Add	*15.56*	
		For >75 To 100, Add	*23.35*	
		For >50 To 75, Add	*31.13*	
		For >25 To 50, Add	*41.50*	
		For Up To 25, Add	*57.07*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*12.97*	
		For Bursting Ductile Iron Pipe, Add	*38.08*	
33 01 30 23-0038	LF	36" Diameter, Static Head Pipe Bursting	155.69	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*16.26*	
		For >150 To 200, Add	*9.76*	
		For >100 To 150, Add	*19.51*	
		For >75 To 100, Add	*29.27*	
		For >50 To 75, Add	*39.02*	
		For >25 To 50, Add	*52.03*	
		For Up To 25, Add	*71.54*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*16.26*	
		For Bursting Ductile Iron Pipe, Add	*46.77*	
33 01 30 23-0039		Hydraulic Head Pipe Bursting *(33 01 30 23-0006)*		
33 01 30 23-0040	LF	4" Diameter, Hydraulic Head Pipe Bursting	27.80	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*2.32*	
		For >150 To 200, Add	*1.39*	
		For >100 To 150, Add	*2.78*	
		For >75 To 100, Add	*4.17*	
		For >50 To 75, Add	*5.56*	
		For >25 To 50, Add	*7.41*	
		For Up To 25, Add	*10.19*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*2.32*	
		For Bursting Ductile Iron Pipe, Add	*7.51*	
33 01 30 23-0041	LF	6" Diameter, Hydraulic Head Pipe Bursting	31.04	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*2.72*	
		For >150 To 200, Add	*1.63*	
		For >100 To 150, Add	*3.27*	
		For >75 To 100, Add	*4.90*	
		For >50 To 75, Add	*6.53*	
		For >25 To 50, Add	*8.71*	
		For Up To 25, Add	*11.97*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*2.72*	
		For Bursting Ductile Iron Pipe, Add	*8.57*	
33 01 30 23-0042	LF	8" Diameter, Hydraulic Head Pipe Bursting	34.78	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*3.19*	
		For >150 To 200, Add	*1.91*	
		For >100 To 150, Add	*3.83*	
		For >75 To 100, Add	*5.74*	
		For >50 To 75, Add	*7.65*	
		For >25 To 50, Add	*10.20*	
		For Up To 25, Add	*14.03*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*3.19*	
		For Bursting Ductile Iron Pipe, Add	*9.81*	
33 01 30 23-0043	LF	10" Diameter, Hydraulic Head Pipe Bursting	39.62	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*3.79*	
		For >150 To 200, Add	*2.28*	
		For >100 To 150, Add	*4.55*	
		For >75 To 100, Add	*6.83*	
		For >50 To 75, Add	*9.11*	
		For >25 To 50, Add	*12.14*	
		For Up To 25, Add	*16.69*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*3.79*	
		For Bursting Ductile Iron Pipe, Add	*11.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 23-0044	LF	12" Diameter, Hydraulic Head Pipe Bursting	45.21	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*4.49*	
		For >150 To 200, Add	*2.70*	
		For >100 To 150, Add	*5.39*	
		For >75 To 100, Add	*8.09*	
		For >50 To 75, Add	*10.78*	
		For >25 To 50, Add	*14.38*	
		For Up To 25, Add	*19.77*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*4.49*	
		For Bursting Ductile Iron Pipe, Add	*13.25*	
33 01 30 23-0045	LF	15" Diameter, Hydraulic Head Pipe Bursting	52.00	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*4.90*	
		For >150 To 200, Add	*2.94*	
		For >100 To 150, Add	*5.88*	
		For >75 To 100, Add	*8.82*	
		For >50 To 75, Add	*11.76*	
		For >25 To 50, Add	*15.68*	
		For Up To 25, Add	*21.55*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*4.90*	
		For Bursting Ductile Iron Pipe, Add	*14.85*	
33 01 30 23-0046	LF	18" Diameter, Hydraulic Head Pipe Bursting	58.04	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*5.65*	
		For >150 To 200, Add	*3.39*	
		For >100 To 150, Add	*6.78*	
		For >75 To 100, Add	*10.18*	
		For >50 To 75, Add	*13.57*	
		For >25 To 50, Add	*18.09*	
		For Up To 25, Add	*24.88*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*5.65*	
		For Bursting Ductile Iron Pipe, Add	*16.85*	
33 01 30 23-0047	LF	21"/22" Diameter, Hydraulic Head Pipe Bursting	73.39	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*6.77*	
		For >150 To 200, Add	*4.06*	
		For >100 To 150, Add	*8.12*	
		For >75 To 100, Add	*12.19*	
		For >50 To 75, Add	*16.25*	
		For >25 To 50, Add	*21.66*	
		For Up To 25, Add	*29.79*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*6.77*	
		For Bursting Ductile Iron Pipe, Add	*20.76*	
33 01 30 23-0048	LF	24" Diameter, Hydraulic Head Pipe Bursting	95.11	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*9.49*	
		For >150 To 200, Add	*5.69*	
		For >100 To 150, Add	*11.38*	
		For >75 To 100, Add	*17.07*	
		For >50 To 75, Add	*22.76*	
		For >25 To 50, Add	*30.35*	
		For Up To 25, Add	*41.73*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*9.49*	
		For Bursting Ductile Iron Pipe, Add	*27.92*	
33 01 30 23-0049	LF	30" Diameter, Hydraulic Head Pipe Bursting	117.09	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*11.43*	
		For >150 To 200, Add	*6.86*	
		For >100 To 150, Add	*13.72*	
		For >75 To 100, Add	*20.58*	
		For >50 To 75, Add	*27.44*	
		For >25 To 50, Add	*36.59*	
		For Up To 25, Add	*50.31*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*11.43*	
		For Bursting Ductile Iron Pipe, Add	*34.03*	
33 01 30 23-0050	LF	36" Diameter, Hydraulic Head Pipe Bursting	142.12	
		For The Increase In Pipe Diameter By 1 Pipe Size, Add	*14.56*	
		For >150 To 200, Add	*8.74*	
		For >100 To 150, Add	*17.48*	
		For >75 To 100, Add	*26.21*	
		For >50 To 75, Add	*34.95*	
		For >25 To 50, Add	*46.60*	
		For Up To 25, Add	*64.08*	
		For Bursting Polyvinyl Chloride (PVC) Pipe, Add	*14.56*	
		For Bursting Ductile Iron Pipe, Add	*42.29*	

33 01 30 23-0051 Pipe Lining *(33 01 30 23-0001)*

33 01 30 23-0052 Pipe Fusion For High Density Polyethylene (HDPE) Pipe Lining *(33 01 30 23-0051)*
Note: Per each joint.

33 01 30 23-0053	EA	4" To 15", Pipe Fusion For High Density Polyethylene (HDPE) Pipe Lining	121.36
33 01 30 23-0054	EA	>15" To 24", Pipe Fusion For High Density Polyethylene (HDPE) Pipe Lining	139.25
33 01 30 23-0055	EA	>24" To 36", Pipe Fusion For High Density Polyethylene (HDPE) Pipe Lining	166.07

33 01 30 23-0056 High Density Polyethylene (HDPE) Pipe Lining, DR 17 *(33 01 30 23-0051)*
Note: Material to be installed behind bursting head. Excludes pipe joint fusion. See CSI section 33 01 30 23-0052 for pipe joint fusion.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 23-0057	LF	4" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	5.00	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-0.63*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*1.70*	
		For White Interior Pipe, Add	*1.15*	
		For Gray Interior Pipe, Add	*0.87*	
33 01 30 23-0058	LF	5" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	6.85	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-0.95*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*2.59*	
		For White Interior Pipe, Add	*1.75*	
		For Gray Interior Pipe, Add	*1.32*	
33 01 30 23-0059	LF	6" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	9.14	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-1.36*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*3.69*	
		For White Interior Pipe, Add	*2.49*	
		For Gray Interior Pipe, Add	*1.89*	
33 01 30 23-0060	LF	7.125" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	10.35	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-1.57*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*4.26*	
		For White Interior Pipe, Add	*2.87*	
		For Gray Interior Pipe, Add	*2.18*	
33 01 30 23-0061	LF	8" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	14.42	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-2.29*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*6.23*	
		For White Interior Pipe, Add	*4.20*	
		For Gray Interior Pipe, Add	*3.19*	
33 01 30 23-0062	LF	10" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	21.52	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-3.56*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*9.68*	
		For White Interior Pipe, Add	*6.53*	
		For Gray Interior Pipe, Add	*4.95*	
33 01 30 23-0063	LF	12" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	29.61	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-5.01*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*13.61*	
		For White Interior Pipe, Add	*9.19*	
		For Gray Interior Pipe, Add	*6.96*	
33 01 30 23-0064	LF	13.375" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	32.46	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-5.52*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*14.98*	
		For White Interior Pipe, Add	*10.11*	
		For Gray Interior Pipe, Add	*7.66*	
33 01 30 23-0065	LF	14" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	35.46	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-6.04*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*16.42*	
		For White Interior Pipe, Add	*11.08*	
		For Gray Interior Pipe, Add	*8.40*	
33 01 30 23-0066	LF	16" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	45.84	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-7.89*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*21.44*	
		For White Interior Pipe, Add	*14.47*	
		For Gray Interior Pipe, Add	*10.96*	
33 01 30 23-0067	LF	18" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	57.66	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-10.00*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*27.16*	
		For White Interior Pipe, Add	*18.33*	
		For Gray Interior Pipe, Add	*13.89*	
33 01 30 23-0068	LF	20" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	70.82	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-12.34*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*33.52*	
		For White Interior Pipe, Add	*22.62*	
		For Gray Interior Pipe, Add	*17.14*	
33 01 30 23-0069	LF	22" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	85.39	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-14.93*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*40.55*	
		For White Interior Pipe, Add	*27.37*	
		For Gray Interior Pipe, Add	*20.73*	
33 01 30 23-0070	LF	24" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	101.39	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-17.77*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*48.28*	
		For White Interior Pipe, Add	*32.58*	
		For Gray Interior Pipe, Add	*24.68*	
33 01 30 23-0071	LF	26" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	118.69	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-20.84*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*56.62*	
		For White Interior Pipe, Add	*38.21*	
		For Gray Interior Pipe, Add	*28.95*	
33 01 30 23-0072	LF	28" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	137.51	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-24.18*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*65.68*	
		For White Interior Pipe, Add	*44.33*	
		For Gray Interior Pipe, Add	*33.58*	
33 01 30 23-0073	LF	30" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	157.74	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-27.76*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*75.40*	
		For White Interior Pipe, Add	*50.89*	
		For Gray Interior Pipe, Add	*38.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 23-0074	LF	32" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	179.40	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-31.57*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*85.78*	
		For White Interior Pipe, Add	*57.89*	
		For Gray Interior Pipe, Add	*43.85*	
33 01 30 23-0075	LF	34" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	221.00	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-38.96*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*105.84*	
		For White Interior Pipe, Add	*71.43*	
		For Gray Interior Pipe, Add	*54.11*	
33 01 30 23-0076	LF	36" DR 17 Polyethylene Pipe, 100 PSI, For Use In Pipe Lining	227.36	
		For DR 21 Polyethylene Pipe, 80 PSI, Deduct	*-39.97*	
		For DR 11 Polyethylene Pipe, 160 PSI, Add	*108.57*	
		For White Interior Pipe, Add	*73.27*	
		For Gray Interior Pipe, Add	*55.51*	

33 01 30 23-0077 Re-Connection Of Non-Renewed Laterals *(33 01 30 23-0001)*
Note: Excludes earthwork excavation and backfill

33 01 30 23-0078 Re-Connection Of Laterals; Insert-A-Tee *(33 01 30 23-0077)*
Note: Includes cutting hole in pipe and excavation vacuum truck for exterior pipe lateral reconnection. Excludes asphalt removal, asphalt replacement pavement both temporary and permanent, hauling, and back-fill material. See CSI section 01 74 19 00-0048 for hauling, 31 05 16 00-0001 for back-fill material.

33 01 30 23-0079	EA	Re-Connection Of Non-Renewed Lateral, 6 To 8" Main With 4" Inserta-Tee	1,177.69	
		For No Excavation, Deduct	*-755.00*	
33 01 30 23-0080	EA	Re-Connection Of Non-Renewed Lateral, 8" Main With 6" Inserta-Tee	1,321.52	
		For No Excavation, Deduct	*-849.37*	
33 01 30 23-0081	EA	Re-Connection Of Non-Renewed Lateral, 10" To 18" Main With 4" Inserta-Tee	1,394.94	
		For No Excavation, Deduct	*-896.56*	
33 01 30 23-0082	EA	Re-Connection Of Non-Renewed Lateral, 10" To 18" Main With 6" Inserta-Tee	1,468.34	
		For No Excavation, Deduct	*-943.74*	
33 01 30 23-0083	EA	Re-Connection Of Non-Renewed Lateral, 10" To 18" Main With 8" Inserta-Tee	1,598.83	
		For No Excavation, Deduct	*-990.93*	
33 01 30 23-0084	EA	Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 4" Inserta-Tee	1,489.37	
		For No Excavation, Deduct	*-943.74*	
33 01 30 23-0085	EA	Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 6" Inserta-Tee	1,565.79	
		For No Excavation, Deduct	*-990.93*	
33 01 30 23-0086	EA	Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 8" Inserta-Tee	1,684.27	
		For No Excavation, Deduct	*-1,038.12*	
33 01 30 23-0087	EA	Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 10" Inserta-Tee	2,006.99	
		For No Excavation, Deduct	*-1,085.31*	
33 01 30 23-0088	EA	Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 12" Inserta-Tee	2,116.45	
		For No Excavation, Deduct	*-1,132.50*	
33 01 30 23-0089	EA	Re-Connection Of Non-Renewed Lateral, 20" To 36" Main With 15" Inserta-Tee	2,622.38	
		For No Excavation, Deduct	*-1,179.68*	

33 01 30 23-0090 Re-Connection Of Laterals; Saddle Style *(33 01 30 23-0077)*
Note: Includes excavation vacuum truck for exterior pipe lateral reconnection, fusion to high density polyethylene (HDPE) pipe for lateral. Excludes asphalt removal, asphalt replacement pavement both temporary and permanent, hauling and back-fill material. See CSI section 01 74 19 00-0048 for hauling, 31 05 16 00-0001 for back-fill material.

33 01 30 23-0091	EA	Re-Connection Of Non-Renewed Lateral, 6" Main With 4" Or 6" Saddle Tap (Mueller H-615)	2,608.74	
		For No Excavation, Deduct	*-842.63*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*-198.53*	
33 01 30 23-0092	EA	Re-Connection Of Non-Renewed Lateral, 8" Main With 4" Or 6" Saddle Tap (Mueller H-615)	2,886.93	
		For No Excavation, Deduct	*-876.34*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*-180.40*	
33 01 30 23-0093	EA	Re-Connection Of Non-Renewed Lateral, 10" Main With 4" Or 6" Saddle Tap (Mueller H-615)	4,063.45	
		For No Excavation, Deduct	*-910.04*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*-27.51*	
33 01 30 23-0094	EA	Re-Connection Of Non-Renewed Lateral, 12" Main With 4" Or 6" Saddle Tap (Mueller H-615)	4,265.68	
		For No Excavation, Deduct	*-1,011.16*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*-67.96*	
33 01 30 23-0095	EA	Re-Connection Of Non-Renewed Lateral, 14" Main With 4" Or 6" Saddle Tap (Mueller H-615)	7,638.74	
		For No Excavation, Deduct	*-1,078.57*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*390.82*	
33 01 30 23-0096	EA	Re-Connection Of Non-Renewed Lateral, 16" Main With 4" Or 6" Saddle Tap (Mueller H-615)	8,274.19	
		For No Excavation, Deduct	*-1,196.54*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*403.55*	
33 01 30 23-0097	EA	Re-Connection Of Non-Renewed Lateral, 18" Main With 4" Or 6" Saddle Tap (Mueller H-615)	11,169.37	
		For No Excavation, Deduct	*-1,314.50*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*755.26*	
33 01 30 23-0098	EA	Re-Connection Of Non-Renewed Lateral, 20" Main With 4" Or 6" Saddle Tap (Mueller H-615)	10,606.41	
		For No Excavation, Deduct	*-1,483.03*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*552.84*	
33 01 30 23-0099	EA	Re-Connection Of Non-Renewed Lateral, 24" Main With 4" Or 6" Saddle Tap (Mueller H-615)	12,890.83	
		For No Excavation, Deduct	*-1,752.68*	
		For Strap-On Saddle Type Instead Of Fusion Weld	*706.75*	

33 01 30 41 Cleaning of Sewers *(33 01 30)*

33 01 30 41-0001 Pipe Line Cleaning And Flushing *(33 01 30 41)*
Note: Includes flushing. Owner provided water.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0002		**Pipe Line Cleaning** *(33 01 30 41-0001)* Note: Includes removal of all debris/waste. Excludes disposal.		
33 01 30 41-0003		**Hydro Jet Set-up And Reinsertion** *(33 01 30 41-0002)* Note: Includes mobilization delivery, set-up, clean-up after use and return.		
33 01 30 41-0004	EA	Initial Set Up And Final Equipment Removal For Up To 8" Jet Cleaning	1,376.37	
33 01 30 41-0005	EA	Initial Set Up And Final Equipment Removal For >8" To 12" Jet Cleaning	2,064.56	
33 01 30 41-0006	EA	Initial Set Up And Final Equipment Removal For >12" To 30" Jet Cleaning	2,752.75	
33 01 30 41-0007	EA	Initial Set Up And Final Equipment Removal For >30" Jet Cleaning	3,670.33	
33 01 30 41-0008	EA	Move And Reset Up At Different Access/Location For Up To 8" Jet Cleaning	344.09	
33 01 30 41-0009	EA	Move And Reset Up At Different Access/Location For >8" To 12" Jet Cleaning	516.14	
33 01 30 41-0010	EA	Move And Reset Up At Different Access/Location For >12" To 30" Jet Cleaning	688.19	
33 01 30 41-0011	EA	Move And Reset Up At Different Access/Location For >30" Jet Cleaning	860.24	
33 01 30 41-0012		**Hydro Jet Cleaning Of Sewer And Water Pipelines** *(33 01 30 41-0002)*		
33 01 30 41-0013	LF	Up To 4" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	3.70	
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 1,000, Deduct	*-0.37*	
		For >1,000 To 2,000, Deduct	*-0.56*	
		For >2,000 To 5,000, Deduct	*-0.74*	
		For >5,000, Deduct	*-0.93*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*2.78*	
33 01 30 41-0014	LF	6" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.25	
		For >250 To 500, Deduct	*-0.21*	
		For >500 To 1,000, Deduct	*-0.43*	
		For >1,000 To 2,000, Deduct	*-0.64*	
		For >2,000 To 5,000, Deduct	*-0.85*	
		For >5,000, Deduct	*-1.06*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.19*	
33 01 30 41-0015	LF	8" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.99	
		For >250 To 500, Deduct	*-0.25*	
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000 To 2,000, Deduct	*-0.75*	
		For >2,000 To 5,000, Deduct	*-1.00*	
		For >5,000, Deduct	*-1.25*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.74*	
33 01 30 41-0016	LF	10" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	6.17	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.62*	
		For >1,000 To 2,000, Deduct	*-0.93*	
		For >2,000 To 5,000, Deduct	*-1.23*	
		For >5,000, Deduct	*-1.54*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*4.63*	
33 01 30 41-0017	LF	12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	6.99	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1,000, Deduct	*-0.70*	
		For >1,000 To 2,000, Deduct	*-1.05*	
		For >2,000 To 5,000, Deduct	*-1.40*	
		For >5,000, Deduct	*-1.75*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*5.24*	
33 01 30 41-0018	LF	>12" To 16" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	8.08	
		For >250 To 500, Deduct	*-0.40*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000 To 2,000, Deduct	*-1.21*	
		For >2,000 To 5,000, Deduct	*-1.62*	
		For >5,000, Deduct	*-2.02*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*6.06*	
33 01 30 41-0019	LF	>16" To 24" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	9.72	
		For >250 To 500, Deduct	*-0.49*	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000 To 2,000, Deduct	*-1.46*	
		For >2,000 To 5,000, Deduct	*-1.94*	
		For >5,000, Deduct	*-2.43*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*7.29*	
33 01 30 41-0020	LF	>24" To 30" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	11.03	
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-1.10*	
		For >1,000 To 2,000, Deduct	*-1.65*	
		For >2,000 To 5,000, Deduct	*-2.21*	
		For >5,000, Deduct	*-2.76*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*8.27*	
33 01 30 41-0021	LF	>30" To 42" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	13.03	
		For >250 To 500, Deduct	*-0.65*	
		For >500 To 1,000, Deduct	*-1.30*	
		For >1,000 To 2,000, Deduct	*-1.95*	
		For >2,000 To 5,000, Deduct	*-2.61*	
		For >5,000, Deduct	*-3.26*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*9.77*	
33 01 30 41-0022	LF	>42" To 60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	16.38	
		For >250 To 500, Deduct	*-0.82*	
		For >500 To 1,000, Deduct	*-1.64*	
		For >1,000 To 2,000, Deduct	*-2.46*	
		For >2,000 To 5,000, Deduct	*-3.28*	
		For >5,000, Deduct	*-4.10*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*12.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0023	LF	>60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	19.11	
		For >250 To 500, Deduct	*-0.96*	
		For >500 To 1,000, Deduct	*-1.91*	
		For >1,000 To 2,000, Deduct	*-2.87*	
		For >2,000 To 5,000, Deduct	*-3.82*	
		For >5,000, Deduct	*-4.78*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*14.33*	
33 01 30 41-0024		**Flushing Of Storm Water Pipelines** *(33 01 30 41-0002)*		
		Note: To remove silt and small debris from storm drainage pipes. Excludes disposal.		
33 01 30 41-0025	LF	12" To 16" Diameter Pipe Line Flushing	1.45	
		For >250 To 500, Deduct	*-0.07*	
		For >500 To 1,000, Deduct	*-0.15*	
		For >1,000 To 2,000, Deduct	*-0.22*	
		For >2,000 To 5,000, Deduct	*-0.29*	
		For >5,000, Deduct	*-0.36*	
33 01 30 41-0026	LF	>16" To 24" Diameter Pipe Line Flushing	1.66	
		For >250 To 500, Deduct	*-0.08*	
		For >500 To 1,000, Deduct	*-0.17*	
		For >1,000 To 2,000, Deduct	*-0.25*	
		For >2,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.42*	
33 01 30 41-0027	LF	>24" To 30" Diameter Pipe Line Flushing	1.95	
		For >250 To 500, Deduct	*-0.10*	
		For >500 To 1,000, Deduct	*-0.20*	
		For >1,000 To 2,000, Deduct	*-0.29*	
		For >2,000 To 5,000, Deduct	*-0.39*	
		For >5,000, Deduct	*-0.49*	
33 01 30 41-0028	LF	>30" To 42" Diameter Pipe Line Flushing	2.24	
		For >250 To 500, Deduct	*-0.11*	
		For >500 To 1,000, Deduct	*-0.22*	
		For >1,000 To 2,000, Deduct	*-0.34*	
		For >2,000 To 5,000, Deduct	*-0.45*	
		For >5,000, Deduct	*-0.56*	
33 01 30 41-0029	LF	>42" To 60" Diameter Pipe Line Flushing	2.98	
		For >250 To 500, Deduct	*-0.15*	
		For >500 To 1,000, Deduct	*-0.30*	
		For >1,000 To 2,000, Deduct	*-0.45*	
		For >2,000 To 5,000, Deduct	*-0.60*	
		For >5,000, Deduct	*-0.75*	
33 01 30 41-0030		**Hydro Jet Cleaning Of Culverts** *(33 01 30 41-0002)*		
33 01 30 41-0031	LF	Jet Cleaning Of Culvert, 0-250 LF	17.12	
		For >250 To 500, Deduct	*-0.86*	
		For >500 To 1,000, Deduct	*-1.71*	
		For >1,000 To 2,000, Deduct	*-2.57*	
		For >2,000 To 5,000, Deduct	*-3.42*	
		For >5,000, Deduct	*-4.28*	
33 01 30 41-0032		**Pipe Line Cleaning, Mechanical Method** *(33 01 30 41-0001)*		
		Note: Power winching buckets, scrapers, scooters, porcupines, brushes and other debris removing equipment. Includes removal of all debris/waste. Excludes disposal.		
33 01 30 41-0033	EA	Initial Set Up And Final Equipment Removal For Mechanical Cleaning	1,231.62	
33 01 30 41-0034	EA	Move And Reset Up At Different Access/Location	410.54	
33 01 30 41-0035	LF	Up To 4" Diameter Pipe Line Cleaning, Mechanical Method	7.13	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-0.68*	
		For >1,000 To 2,000, Deduct	*-1.03*	
		For >2,000 To 5,000, Deduct	*-1.37*	
		For >5,000, Deduct	*-1.71*	
33 01 30 41-0036	LF	6" Diameter Pipe Line Cleaning, Mechanical Method	9.38	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1,000, Deduct	*-0.88*	
		For >1,000 To 2,000, Deduct	*-1.32*	
		For >2,000 To 5,000, Deduct	*-1.76*	
		For >5,000, Deduct	*-2.20*	
33 01 30 41-0037	LF	8" Diameter Pipe Line Cleaning, Mechanical Method	10.98	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000 To 2,000, Deduct	*-1.54*	
		For >2,000 To 5,000, Deduct	*-2.05*	
		For >5,000, Deduct	*-2.57*	
33 01 30 41-0038	LF	10" Diameter Pipe Line Cleaning, Mechanical Method	12.70	
		For >250 To 500, Deduct	*-0.59*	
		For >500 To 1,000, Deduct	*-1.18*	
		For >1,000 To 2,000, Deduct	*-1.78*	
		For >2,000 To 5,000, Deduct	*-2.37*	
		For >5,000, Deduct	*-2.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0039	LF	12" Diameter Pipe Line Cleaning, Mechanical Method	13.84	
		For >250 To 500, Deduct	*-0.64*	
		For >500 To 1,000, Deduct	*-1.28*	
		For >1,000 To 2,000, Deduct	*-1.92*	
		For >2,000 To 5,000, Deduct	*-2.57*	
		For >5,000, Deduct	*-3.21*	
33 01 30 41-0040	LF	>12" To 16" Diameter Pipe Line Cleaning, Mechanical Method	15.96	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1,000, Deduct	*-1.47*	
		For >1,000 To 2,000, Deduct	*-2.20*	
		For >2,000 To 5,000, Deduct	*-2.93*	
		For >5,000, Deduct	*-3.67*	
33 01 30 41-0041	LF	>16" To 24" Diameter Pipe Line Cleaning, Mechanical Method	20.12	
		For >250 To 500, Deduct	*-0.91*	
		For >500 To 1,000, Deduct	*-1.81*	
		For >1,000 To 2,000, Deduct	*-2.72*	
		For >2,000 To 5,000, Deduct	*-3.62*	
		For >5,000, Deduct	*-4.53*	
33 01 30 41-0042	LF	>24" To 30" Diameter Pipe Line Cleaning, Mechanical Method	23.07	
		For >250 To 500, Deduct	*-1.01*	
		For >500 To 1,000, Deduct	*-2.02*	
		For >1,000 To 2,000, Deduct	*-3.03*	
		For >2,000 To 5,000, Deduct	*-4.04*	
		For >5,000, Deduct	*-5.05*	
33 01 30 41-0043	LF	>30" To 42" Diameter Pipe Line Cleaning, Mechanical Method	26.84	
		For >250 To 500, Deduct	*-1.16*	
		For >500 To 1,000, Deduct	*-2.32*	
		For >1,000 To 2,000, Deduct	*-3.49*	
		For >2,000 To 5,000, Deduct	*-4.65*	
		For >5,000, Deduct	*-5.81*	
33 01 30 41-0044	LF	>42 To 60" Diameter Pipe Line Cleaning, Mechanical Method	35.11	
		For >250 To 500, Deduct	*-1.54*	
		For >500 To 1,000, Deduct	*-3.08*	
		For >1,000 To 2,000, Deduct	*-4.62*	
		For >2,000 To 5,000, Deduct	*-6.16*	
		For >5,000, Deduct	*-7.70*	
33 01 30 41-0045	LF	>60" Diameter Pipe Line Cleaning, Mechanical Method	39.97	
		For >250 To 500, Deduct	*-1.71*	
		For >500 To 1,000, Deduct	*-3.42*	
		For >1,000 To 2,000, Deduct	*-5.13*	
		For >2,000 To 5,000, Deduct	*-6.84*	
		For >5,000, Deduct	*-8.55*	

33 01 30 41-0046 Pipe Line Auguring/Rod Out Pipe *(33 01 30 41-0001)*

33 01 30 41-0047	EA	Initial Set Up And Final Equipment Removal For Auguring	1,231.62	
33 01 30 41-0048	EA	Move And Reset Up At Different Location	410.54	
33 01 30 41-0049	LF	Up To 4" Diameter Pipe Line Auguring/Rod Out	4.11	
		For >250 To 500, Deduct	*-0.21*	
		For >500 To 1,000, Deduct	*-0.41*	
		For >1,000 To 2,000, Deduct	*-0.62*	
		For >2,000 To 5,000, Deduct	*-0.82*	
		For >5,000, Deduct	*-1.03*	
33 01 30 41-0050	LF	6" Diameter Pipe Line Auguring/Rod Out	5.31	
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1,000, Deduct	*-0.53*	
		For >1,000 To 2,000, Deduct	*-0.80*	
		For >2,000 To 5,000, Deduct	*-1.06*	
		For >5,000, Deduct	*-1.33*	
33 01 30 41-0051	LF	8" Diameter Pipe Line Auguring/Rod Out	6.15	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.62*	
		For >1,000 To 2,000, Deduct	*-0.92*	
		For >2,000 To 5,000, Deduct	*-1.23*	
		For >5,000, Deduct	*-1.54*	
33 01 30 41-0052	LF	10" Diameter Pipe Line Auguring/Rod Out	7.16	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.72*	
		For >1,000 To 2,000, Deduct	*-1.07*	
		For >2,000 To 5,000, Deduct	*-1.43*	
		For >5,000, Deduct	*-1.79*	
33 01 30 41-0053	LF	12" Diameter Pipe Line Auguring/Rod Out	7.70	
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-0.77*	
		For >1,000 To 2,000, Deduct	*-1.16*	
		For >2,000 To 5,000, Deduct	*-1.54*	
		For >5,000, Deduct	*-1.93*	
33 01 30 41-0054	LF	>12" To 16" Diameter Pipe Line Auguring/Rod Out	8.80	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1,000, Deduct	*-0.88*	
		For >1,000 To 2,000, Deduct	*-1.32*	
		For >2,000 To 5,000, Deduct	*-1.76*	
		For >5,000, Deduct	*-2.20*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0055	LF	>16" To 24" Diameter Pipe Line Auguring/Rod Out	10.80	
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 1,000, Deduct	*-1.08*	
		For >1,000 To 2,000, Deduct	*-1.62*	
		For >2,000 To 5,000, Deduct	*-2.16*	
		For >5,000, Deduct	*-2.70*	
33 01 30 41-0056	LF	>24" To 30" Diameter Pipe Line Auguring/Rod Out	12.07	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1,000, Deduct	*-1.21*	
		For >1,000 To 2,000, Deduct	*-1.81*	
		For >2,000 To 5,000, Deduct	*-2.41*	
		For >5,000, Deduct	*-3.02*	
33 01 30 41-0057	LF	>30" To 42" Diameter Pipe Line Auguring/Rod Out	14.00	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 1,000, Deduct	*-1.40*	
		For >1,000 To 2,000, Deduct	*-2.10*	
		For >2,000 To 5,000, Deduct	*-2.80*	
		For >5,000, Deduct	*-3.50*	
33 01 30 41-0058	LF	>42 To 60" Diameter Pipe Line Auguring/Rod Out	19.25	
		For >250 To 500, Deduct	*-0.96*	
		For >500 To 1,000, Deduct	*-1.93*	
		For >1,000 To 2,000, Deduct	*-2.89*	
		For >2,000 To 5,000, Deduct	*-3.85*	
		For >5,000, Deduct	*-4.81*	
33 01 30 41-0059	LF	>60" Diameter Pipe Line Auguring/Rod Out	20.52	
		For >250 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-2.05*	
		For >1,000 To 2,000, Deduct	*-3.08*	
		For >2,000 To 5,000, Deduct	*-4.10*	
		For >5,000, Deduct	*-5.13*	

33 01 30 42 Cleaning of Manholes *(33 01 30)*

33 01 30 42-0001 Structure Cleaning And Flushing *(33 01 30 42)*

Note: Includes flushing. Owner provided water.

33 01 30 42-0002 Rod Out Structures And Other Hand Operations *(33 01 30 42-0001)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 42-0003	EA	Rod Out Waste Water Drain	49.71	
33 01 30 42-0004	EA	Rod Out Sewer Catch Basin	99.41	
33 01 30 42-0005	EA	Up To 6" Diameter Pipe, Rod Out Blockage	19.88	
33 01 30 42-0006	EA	8" Diameter Pipe, Rod Out Blockage	21.87	
33 01 30 42-0007	EA	10" Diameter Pipe, Rod Out Blockage	24.85	
33 01 30 42-0008	EA	12" Diameter Pipe, Rod Out Blockage	28.82	
33 01 30 42-0009	EA	>12" To 16" Diameter Pipe, Rod Out Blockage	33.80	
33 01 30 42-0010	EA	>16" To 24" Diameter Pipe, Rod Out Blockage	39.77	
33 01 30 42-0011	EA	>24" To 30" Diameter Pipe, Rod Out Blockage	46.73	
33 01 30 42-0012	EA	>30" To 42" Diameter Pipe, Rod Out Blockage	53.68	
33 01 30 42-0013	EA	>42" To 60" Diameter Pipe, Rod Out Blockage	62.63	
33 01 30 42-0014	EA	>60" Diameter Pipe, Rod Out Blockage	74.55	
33 01 30 42-0015	EA	Clean Out Debris From Entrance To Inlet Structure	248.53	
33 01 30 42-0016	EA	3' To 4' Diameter, Clean Out Blocked Manhole By Hand	895.11	
		For >10 To 100, Deduct	*-134.27*	
		For >100 To 250, Deduct	*-201.40*	
		For >250, Deduct	*-268.53*	
33 01 30 42-0017	EA	5' To 6' Diameter, Clean Out Blocked Manhole By Hand	1,074.12	
		For >10 To 100, Deduct	*-161.12*	
		For >100 To 250, Deduct	*-241.68*	
		For >250, Deduct	*-322.24*	
33 01 30 42-0018	EA	Clean Out Blocked Catch Basin By Hand	537.06	
		For >10 To 100, Deduct	*-80.56*	
		For >100 To 250, Deduct	*-120.84*	
		For >250, Deduct	*-161.12*	

33 01 30 42-0019 Cleaning Manholes And Drainage Structures With Jet/Vacuum *(33 01 30 42-0001)*

Note: Includes the removal of debris with high pressure water jetting and vacuum equipment and cleaning of grate. Excludes hardened concrete debris and disposal of material.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 42-0020	EA	Jet/Vacuum Clean 1 To 2 Catch Basins Or Manholes	285.89	
33 01 30 42-0021	EA	Jet/Vacuum Clean 3 To 10 Catch Basins Or Manholes	265.70	
33 01 30 42-0022	EA	Jet/Vacuum Clean 11 To 25 Catch Basins Or Manholes	245.50	
33 01 30 42-0023	EA	Jet/Vacuum Clean 26 To 100 Catch Basins Or Manholes	225.32	
33 01 30 42-0024	EA	Jet/Vacuum Clean 101 To 250 Catch Basins Or Manholes	205.12	
33 01 30 42-0025	EA	Jet/Vacuum Clean >250 Catch Basins Or Manholes	184.92	

33 01 30 43 Removal of Protruding Service Connection *(33 01 30)*

33 01 30 43-0001 Trim Protruding Service Taps *(33 01 30 43)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 43-0002	EA	Trim Protruding Service Tap, 4", Robotic	697.81	
33 01 30 43-0003	EA	Trim Protruding Service Tap, 6", Robotic	767.59	
33 01 30 43-0004	EA	Trim Protruding Service Tap, 8", Robotic	837.37	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 01 30 51 Maintenance of Utilities *(33 01 30)*

33 01 30 51-0001 Pipe Repair *(33 01 30 51)*

Note: Excludes excavation and backfill where required See CSI section 31 23 00 00-0000 for excavation and backfill.

33 01 30 51-0002 Pipe Repair Clamp, Full Circle, Single Band *(33 01 30 51-0001)*

Note: Repair clamps for asbestos cement pipe, cast iron soil pipe, non-reinforced concrete pipe, PVC pipe, vitrified clay pipe, gray iron pipe and ductile iron pipe.

33 01 30 51-0003	EA	2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	125.52	
		For Stainless Steel Nuts And Bolts, Add	*20.64*	
33 01 30 51-0004	EA	2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	178.61	
		For Stainless Steel Nuts And Bolts, Add	*31.10*	
33 01 30 51-0005	EA	2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	206.44	
		For Stainless Steel Nuts And Bolts, Add	*36.63*	
33 01 30 51-0006	EA	2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	235.26	
		For Stainless Steel Nuts And Bolts, Add	*42.14*	
33 01 30 51-0007	EA	2-1/2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	135.41	
		For Stainless Steel Nuts And Bolts, Add	*22.41*	
33 01 30 51-0008	EA	2-1/2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	189.86	
		For Stainless Steel Nuts And Bolts, Add	*33.19*	
33 01 30 51-0009	EA	2-1/2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	217.66	
		For Stainless Steel Nuts And Bolts, Add	*38.59*	
33 01 30 51-0010	EA	2-1/2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	251.62	
		For Stainless Steel Nuts And Bolts, Add	*45.15*	
33 01 30 51-0011	EA	3" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	145.66	
		For Stainless Steel Nuts And Bolts, Add	*24.52*	
33 01 30 51-0012	EA	3" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	197.50	
		For Stainless Steel Nuts And Bolts, Add	*34.70*	
33 01 30 51-0013	EA	3" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	228.41	
		For Stainless Steel Nuts And Bolts, Add	*40.68*	
33 01 30 51-0014	EA	3" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	266.40	
		For Stainless Steel Nuts And Bolts, Add	*48.30*	
33 01 30 51-0015	EA	4" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	164.15	
		For Stainless Steel Nuts And Bolts, Add	*27.88*	
33 01 30 51-0016	EA	4" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	216.90	
		For Stainless Steel Nuts And Bolts, Add	*37.53*	
33 01 30 51-0017	EA	4" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	263.05	
		For Stainless Steel Nuts And Bolts, Add	*45.68*	
33 01 30 51-0018	EA	4" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	316.91	
		For Stainless Steel Nuts And Bolts, Add	*55.11*	
33 01 30 51-0019	EA	4" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	414.60	
		For Stainless Steel Nuts And Bolts, Add	*74.02*	
33 01 30 51-0020	EA	4" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	515.90	
		For Stainless Steel Nuts And Bolts, Add	*92.93*	
33 01 30 51-0021	EA	4" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	629.47	
		For Stainless Steel Nuts And Bolts, Add	*113.99*	
33 01 30 51-0022	EA	6" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	192.98	
		For Stainless Steel Nuts And Bolts, Add	*32.90*	
33 01 30 51-0023	EA	6" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	256.46	
		For Stainless Steel Nuts And Bolts, Add	*44.63*	
33 01 30 51-0024	EA	6" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	303.71	
		For Stainless Steel Nuts And Bolts, Add	*52.62*	
33 01 30 51-0025	EA	6" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	355.77	
		For Stainless Steel Nuts And Bolts, Add	*61.15*	
33 01 30 51-0026	EA	6" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	493.14	
		For Stainless Steel Nuts And Bolts, Add	*88.61*	
33 01 30 51-0027	EA	6" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	599.65	
		For Stainless Steel Nuts And Bolts, Add	*108.06*	
33 01 30 51-0028	EA	6" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	716.22	
		For Stainless Steel Nuts And Bolts, Add	*129.12*	
33 01 30 51-0029	EA	8" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	251.03	
		For Stainless Steel Nuts And Bolts, Add	*39.36*	
33 01 30 51-0030	EA	8" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	326.32	
		For Stainless Steel Nuts And Bolts, Add	*52.08*	
33 01 30 51-0031	EA	8" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	393.88	
		For Stainless Steel Nuts And Bolts, Add	*63.02*	
33 01 30 51-0032	EA	8" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	470.35	
		For Stainless Steel Nuts And Bolts, Add	*75.10*	
33 01 30 51-0033	EA	8" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	625.15	
		For Stainless Steel Nuts And Bolts, Add	*104.04*	
33 01 30 51-0034	EA	8" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	747.69	
		For Stainless Steel Nuts And Bolts, Add	*124.41*	
33 01 30 51-0035	EA	8" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	885.37	
		For Stainless Steel Nuts And Bolts, Add	*146.43*	
33 01 30 51-0036	EA	10" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	294.17	
		For Stainless Steel Nuts And Bolts, Add	*47.90*	
33 01 30 51-0037	EA	10" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	395.46	
		For Stainless Steel Nuts And Bolts, Add	*66.26*	
33 01 30 51-0038	EA	10" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	465.69	
		For Stainless Steel Nuts And Bolts, Add	*77.47*	
33 01 30 51-0039	EA	10" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	571.44	
		For Stainless Steel Nuts And Bolts, Add	*95.82*	
33 01 30 51-0040	EA	10" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	750.87	
		For Stainless Steel Nuts And Bolts, Add	*129.97*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0041		EA	10" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	854.32	
			For Stainless Steel Nuts And Bolts, Add	*145.27*	
33 01 30 51-0042		EA	10" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	1,099.95	
			For Stainless Steel Nuts And Bolts, Add	*191.65*	
33 01 30 51-0043		EA	12" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	334.80	
			For Stainless Steel Nuts And Bolts, Add	*54.03*	
33 01 30 51-0044		EA	12" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	437.29	
			For Stainless Steel Nuts And Bolts, Add	*71.86*	
33 01 30 51-0045		EA	12" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	527.89	
			For Stainless Steel Nuts And Bolts, Add	*86.96*	
33 01 30 51-0046		EA	12" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	649.59	
			For Stainless Steel Nuts And Bolts, Add	*108.06*	
33 01 30 51-0047		EA	12" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	836.28	
			For Stainless Steel Nuts And Bolts, Add	*142.72*	
33 01 30 51-0048		EA	12" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	983.34	
			For Stainless Steel Nuts And Bolts, Add	*166.67*	
33 01 30 51-0049		EA	12" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	1,250.22	
			For Stainless Steel Nuts And Bolts, Add	*216.11*	
33 01 30 51-0050			**Pipe Repair Clamp, Full Circle, Double Bands** *(33 01 30 51-0001)*		
			Note: Repair clamps for reinforced concrete pipe, gray iron pipe and ductile iron pipe.		
33 01 30 51-0051		EA	14.38"-15.13" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	747.29	
			For Stainless Steel Nuts And Bolts, Add	*207.89*	
33 01 30 51-0052		EA	14.38"-15.13" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,059.79	
			For Stainless Steel Nuts And Bolts, Add	*300.12*	
33 01 30 51-0053		EA	14.38"-15.13" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,427.27	
			For Stainless Steel Nuts And Bolts, Add	*407.00*	
33 01 30 51-0054		EA	14.38"-15.13" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,103.35	
			For Stainless Steel Nuts And Bolts, Add	*613.43*	
33 01 30 51-0055		EA	15.07"-15.82" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	784.37	
			For Stainless Steel Nuts And Bolts, Add	*218.12*	
33 01 30 51-0056		EA	15.07"-15.82" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,109.39	
			For Stainless Steel Nuts And Bolts, Add	*314.03*	
33 01 30 51-0057		EA	15.07"-15.82" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,490.42	
			For Stainless Steel Nuts And Bolts, Add	*424.56*	
33 01 30 51-0058		EA	15.07"-15.82" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,204.90	
			For Stainless Steel Nuts And Bolts, Add	*642.70*	
33 01 30 51-0059		EA	15.92"-16.67" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	804.30	
			For Stainless Steel Nuts And Bolts, Add	*222.53*	
33 01 30 51-0060		EA	15.92"-16.67" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,135.62	
			For Stainless Steel Nuts And Bolts, Add	*319.90*	
33 01 30 51-0061		EA	15.92"-16.67" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,529.41	
			For Stainless Steel Nuts And Bolts, Add	*434.08*	
33 01 30 51-0062		EA	15.92"-16.67" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,260.76	
			For Stainless Steel Nuts And Bolts, Add	*656.60*	
33 01 30 51-0063		EA	16.56"-17.31" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	825.21	
			For Stainless Steel Nuts And Bolts, Add	*226.92*	
33 01 30 51-0064		EA	16.56"-17.31" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,165.49	
			For Stainless Steel Nuts And Bolts, Add	*326.48*	
33 01 30 51-0065		EA	16.56"-17.31" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,567.06	
			For Stainless Steel Nuts And Bolts, Add	*442.13*	
33 01 30 51-0066		EA	16.56"-17.31" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,316.52	
			For Stainless Steel Nuts And Bolts, Add	*669.79*	
33 01 30 51-0067		EA	17.15"-17.90" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	844.00	
			For Stainless Steel Nuts And Bolts, Add	*230.58*	
33 01 30 51-0068		EA	17.15"-17.90" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,191.02	
			For Stainless Steel Nuts And Bolts, Add	*331.60*	
33 01 30 51-0069		EA	17.15"-17.90" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,604.71	
			For Stainless Steel Nuts And Bolts, Add	*450.18*	
33 01 30 51-0070		EA	17.15"-17.90" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,366.82	
			For Stainless Steel Nuts And Bolts, Add	*680.76*	
33 01 30 51-0071		EA	17.82"-18.57" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	861.76	
			For Stainless Steel Nuts And Bolts, Add	*234.25*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0072	EA	17.82"-18.57" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,217.24	
		For Stainless Steel Nuts And Bolts, Add	*337.45*	
33 01 30 51-0073	EA	17.82"-18.57" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,638.25	
		For Stainless Steel Nuts And Bolts, Add	*457.50*	
33 01 30 51-0074	EA	17.82"-18.57" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,398.90	
		For Stainless Steel Nuts And Bolts, Add	*686.25*	
33 01 30 51-0075	EA	18.46"-19.21" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	882.16	
		For Stainless Steel Nuts And Bolts, Add	*238.81*	
33 01 30 51-0076	EA	18.46"-19.21" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,248.26	
		For Stainless Steel Nuts And Bolts, Add	*344.77*	
33 01 30 51-0077	EA	18.46"-19.21" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,673.89	
		For Stainless Steel Nuts And Bolts, Add	*465.55*	
33 01 30 51-0078	EA	18.46"-19.21" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,470.97	
		For Stainless Steel Nuts And Bolts, Add	*705.65*	

33 01 30 51-0079 Repair Couplings and Fittings *(33 01 30 51-0001)*

33 01 30 51-0080 Couplings And Fittings For Copper Pipe, Compression *(33 01 30 51-0079)*

Note: Includes gaskets. Dresser style 88.

33 01 30 51-0081 Copper Compression Repair Couplings *(33 01 30 51-0080)*

33 01 30 51-0082	EA	1/2" Copper Compression Repair Coupling	91.17
33 01 30 51-0083	EA	3/4" Copper Compression Repair Coupling	105.78
33 01 30 51-0084	EA	1" Copper Compression Repair Coupling	124.43
33 01 30 51-0085	EA	1-1/4" Copper Compression Repair Coupling	139.77
33 01 30 51-0086	EA	1-1/2" Copper Compression Repair Coupling	219.68

33 01 30 51-0087 Copper Compression Repair Fitting, 90 Degree Elbows *(33 01 30 51-0080)*

33 01 30 51-0088	EA	1/2" Copper Compression Repair 90 Degree Elbow	111.13
33 01 30 51-0089	EA	1" Copper Compression Repair 90 Degree Elbow	127.29
33 01 30 51-0090	EA	1-1/2" Copper Compression Repair 90 Degree Elbow	265.06
33 01 30 51-0091	EA	1" IPS x 1" CTS 90 Degree Plain End Street Elbow	100.56
33 01 30 51-0092	EA	3/4" IPS x 3/4" CTS 90 Degree Threaded End Street Elbow	90.82
33 01 30 51-0093	EA	1" IPS x 1" CTS 90 Degree Threaded End Street Elbow	106.34
33 01 30 51-0094	EA	1-1/4" IPS x 1" CTS 90 Degree Threaded End Street Elbow	132.57

33 01 30 51-0095 Copper Compression Repair Fitting, Tees *(33 01 30 51-0080)*

33 01 30 51-0096	EA	1/2" Copper Compression Repair Tee	206.47
33 01 30 51-0097	EA	3/4" Copper Compression Repair Tee	155.11
33 01 30 51-0098	EA	1" Copper Compression Repair Tee	184.58
33 01 30 51-0099	EA	1" F x 1" M x 1" CTS Street Tee	149.20

33 01 30 51-0100 Copper Compression Repair Fitting, Male Adapters *(33 01 30 51-0080)*

33 01 30 51-0101	EA	3/4" M x 1/2" CTS Male Adapter	96.66
33 01 30 51-0102	EA	3/4" M x 3/4" CTS Male Adapter	76.12
33 01 30 51-0103	EA	1" M x 1" CTS Male Adapter	85.82
33 01 30 51-0104	EA	1-1/4" M x 1" CTS Male Adapter	103.16
33 01 30 51-0105	EA	1-1/4" M x 1-1/4" CTS Male Adapter	125.60
33 01 30 51-0106	EA	1-1/2" M x 1" CTS Male Adapter	136.27

33 01 30 51-0107 Copper Compression Repair Fitting, Female Adapters *(33 01 30 51-0080)*

33 01 30 51-0108	EA	3/4" M x 3/4" CTS Female Adapter	114.03
33 01 30 51-0109	EA	1" M x 1" CTS Female Adapter	119.42

33 01 30 51-0110 Couplings For Steel Pipe *(33 01 30 51-0079)*

Note: Includes Buna S gasket. Dresser style 38

33 01 30 51-0111	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna S Gasket	67.47
33 01 30 51-0112	EA	3/4" Coupling, 5" Middle Ring With Buna S Gasket	82.87
33 01 30 51-0113	EA	1" Coupling, 5" Middle Ring With Buna S Gasket	94.37
33 01 30 51-0114	EA	1-1/2" Coupling, 5" Middle Ring With Buna S Gasket	111.47
33 01 30 51-0115	EA	2" Coupling, 4" Middle Ring With Buna S Gasket	137.90
33 01 30 51-0116	EA	2" Coupling, 5" Middle Ring With Buna S Gasket	187.58
33 01 30 51-0117	EA	2" Coupling, 7" Middle Ring With Buna S Gasket	175.22
33 01 30 51-0118	EA	3" Coupling, 4" Middle Ring With Buna S Gasket	227.11
33 01 30 51-0119	EA	3" Coupling, 5" Middle Ring With Buna S Gasket	234.59
33 01 30 51-0120	EA	3" Coupling, 7" Middle Ring With Buna S Gasket	242.08
33 01 30 51-0121	EA	4" Coupling, 4" Middle Ring With Buna S Gasket	260.81
33 01 30 51-0122	EA	4" Coupling, 5" Middle Ring With Buna S Gasket	273.51
33 01 30 51-0123	EA	4" Coupling, 7" Middle Ring With Buna S Gasket	289.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0124	EA	5" Coupling, 4" Middle Ring With Buna S Gasket	340.08	
33 01 30 51-0125	EA	5" Coupling, 5" Middle Ring With Buna S Gasket	345.09	
33 01 30 51-0126	EA	5" Coupling, 7" Middle Ring With Buna S Gasket	363.35	
33 01 30 51-0127	EA	6" Coupling, 4" Middle Ring With Buna S Gasket	360.22	
33 01 30 51-0128	EA	6" Coupling, 5" Middle Ring With Buna S Gasket	373.78	
33 01 30 51-0129	EA	6" Coupling, 7" Middle Ring With Buna S Gasket	391.11	
33 01 30 51-0130	EA	8" Coupling, 4" Middle Ring With Buna S Gasket	419.85	
33 01 30 51-0131	EA	8" Coupling, 5" Middle Ring With Buna S Gasket	439.90	
33 01 30 51-0132	EA	8" Coupling, 7" Middle Ring With Buna S Gasket	456.37	
33 01 30 51-0133	EA	10" Coupling, 5" Middle Ring With Buna S Gasket	521.73	
33 01 30 51-0134	EA	10" Coupling, 7" Middle Ring With Buna S Gasket	616.40	
33 01 30 51-0135	EA	12" Coupling, 5" Middle Ring With Buna S Gasket	593.29	
33 01 30 51-0136	EA	12" Coupling, 7" Middle Ring With Buna S Gasket	793.95	
33 01 30 51-0137	EA	14" Coupling, 7" Middle Ring With Buna S Gasket	921.31	
33 01 30 51-0138	EA	16" Coupling, 7" Middle Ring With Buna S Gasket	1,107.89	
33 01 30 51-0139	EA	18" Coupling, 7" Middle Ring With Buna S Gasket	1,220.17	
33 01 30 51-0140	EA	20" Coupling, 7" Middle Ring With Buna S Gasket	1,317.49	
33 01 30 51-0141	EA	22" Coupling, 7" Middle Ring With Buna S Gasket	1,665.49	
33 01 30 51-0142	EA	24" Coupling, 7" Middle Ring With Buna S Gasket	1,751.58	
33 01 30 51-0143		**Couplings For Steel Pipe** *(33 01 30 51-0079)*		
		Note: Includes Buna S gasket, protected. Dresser style 38.		
33 01 30 51-0144	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna S Gasket, Protected	69.62	
33 01 30 51-0145	EA	3/4" Coupling, 5" Middle Ring With Buna S Gasket, Protected	82.57	
33 01 30 51-0146	EA	1" Coupling, 5" Middle Ring With Buna S Gasket, Protected	94.24	
33 01 30 51-0147	EA	1-1/2" Coupling, 5" Middle Ring With Buna S Gasket, Protected	110.47	
33 01 30 51-0148	EA	2" Coupling, 4" Middle Ring With Buna S Gasket, Protected	166.44	
33 01 30 51-0149	EA	2" Coupling, 5" Middle Ring With Buna S Gasket, Protected	162.52	
33 01 30 51-0150	EA	2" Coupling, 7" Middle Ring With Buna S Gasket, Protected	164.48	
33 01 30 51-0151	EA	3" Coupling, 4" Middle Ring With Buna S Gasket, Protected	242.08	
33 01 30 51-0152	EA	3" Coupling, 5" Middle Ring With Buna S Gasket, Protected	249.56	
33 01 30 51-0153	EA	3" Coupling, 7" Middle Ring With Buna S Gasket, Protected	257.04	
33 01 30 51-0154	EA	4" Coupling, 4" Middle Ring With Buna S Gasket, Protected	281.20	
33 01 30 51-0155	EA	4" Coupling, 5" Middle Ring With Buna S Gasket, Protected	268.01	
33 01 30 51-0156	EA	4" Coupling, 7" Middle Ring With Buna S Gasket, Protected	274.95	
33 01 30 51-0157	EA	5" Coupling, 4" Middle Ring With Buna S Gasket, Protected	366.34	
33 01 30 51-0158	EA	5" Coupling, 5" Middle Ring With Buna S Gasket, Protected	370.01	
33 01 30 51-0159	EA	5" Coupling, 7" Middle Ring With Buna S Gasket, Protected	539.76	
33 01 30 51-0160	EA	6" Coupling, 4" Middle Ring With Buna S Gasket, Protected	368.25	
33 01 30 51-0161	EA	6" Coupling, 5" Middle Ring With Buna S Gasket, Protected	387.72	
33 01 30 51-0162	EA	6" Coupling, 7" Middle Ring With Buna S Gasket, Protected	395.24	
33 01 30 51-0163	EA	8" Coupling, 4" Middle Ring With Buna S Gasket, Protected	463.38	
33 01 30 51-0164	EA	8" Coupling, 5" Middle Ring With Buna S Gasket, Protected	470.77	
33 01 30 51-0165	EA	8" Coupling, 7" Middle Ring With Buna S Gasket, Protected	482.69	
33 01 30 51-0166	EA	10" Coupling, 5" Middle Ring With Buna S Gasket, Protected	539.69	
33 01 30 51-0167	EA	10" Coupling, 7" Middle Ring With Buna S Gasket, Protected	635.10	
33 01 30 51-0168	EA	12" Coupling, 5" Middle Ring With Buna S Gasket, Protected	611.99	
33 01 30 51-0169	EA	12" Coupling, 7" Middle Ring With Buna S Gasket, Protected	812.25	
33 01 30 51-0170	EA	14" Coupling, 7" Middle Ring With Buna S Gasket, Protected	940.01	
33 01 30 51-0171	EA	16" Coupling, 7" Middle Ring With Buna S Gasket, Protected	1,135.95	
33 01 30 51-0172	EA	18" Coupling, 7" Middle Ring With Buna S Gasket, Protected	1,257.59	
33 01 30 51-0173	EA	20" Coupling, 7" Middle Ring With Buna S Gasket, Protected	1,354.91	
33 01 30 51-0174	EA	22" Coupling, 7" Middle Ring With Buna S Gasket, Protected	1,702.91	
33 01 30 51-0175	EA	24" Coupling, 7" Middle Ring With Buna S Gasket, Protected	1,789.00	
33 01 30 51-0176		**Couplings For Steel Pipe** *(33 01 30 51-0079)*		
		Note: Includes Buna N gasket, protected. Dresser style 38.		
33 01 30 51-0177	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna N Gasket, Protected	82.92	
33 01 30 51-0178	EA	3/4" Coupling, 5" Middle Ring With Buna N Gasket, Protected	96.11	
33 01 30 51-0179	EA	1" Coupling, 5" Middle Ring With Buna N Gasket, Protected	110.12	
33 01 30 51-0180	EA	1-1/2" Coupling, 5" Middle Ring With Buna N Gasket, Protected	131.11	
33 01 30 51-0181	EA	2" Coupling, 4" Middle Ring With Buna N Gasket, Protected	166.44	
33 01 30 51-0182	EA	2" Coupling, 5" Middle Ring With Buna N Gasket, Protected	199.86	
33 01 30 51-0183	EA	2" Coupling, 7" Middle Ring With Buna N Gasket, Protected	210.97	
33 01 30 51-0184	EA	3" Coupling, 4" Middle Ring With Buna N Gasket, Protected	242.08	
33 01 30 51-0185	EA	3" Coupling, 5" Middle Ring With Buna N Gasket, Protected	249.56	
33 01 30 51-0186	EA	3" Coupling, 7" Middle Ring With Buna N Gasket, Protected	257.04	
33 01 30 51-0187	EA	4" Coupling, 4" Middle Ring With Buna N Gasket, Protected	281.20	
33 01 30 51-0188	EA	4" Coupling, 5" Middle Ring With Buna N Gasket, Protected	307.88	
33 01 30 51-0189	EA	4" Coupling, 7" Middle Ring With Buna N Gasket, Protected	318.02	
33 01 30 51-0190	EA	5" Coupling, 4" Middle Ring With Buna N Gasket, Protected	366.34	
33 01 30 51-0191	EA	5" Coupling, 5" Middle Ring With Buna N Gasket, Protected	370.01	
33 01 30 51-0192	EA	5" Coupling, 7" Middle Ring With Buna N Gasket, Protected	412.85	
33 01 30 51-0193	EA	6" Coupling, 4" Middle Ring With Buna N Gasket, Protected	368.25	
33 01 30 51-0194	EA	6" Coupling, 5" Middle Ring With Buna N Gasket, Protected	387.72	
33 01 30 51-0195	EA	6" Coupling, 7" Middle Ring With Buna N Gasket, Protected	395.24	
33 01 30 51-0196	EA	8" Coupling, 4" Middle Ring With Buna N Gasket, Protected	463.38	
33 01 30 51-0197	EA	8" Coupling, 5" Middle Ring With Buna N Gasket, Protected	470.77	
33 01 30 51-0198	EA	8" Coupling, 7" Middle Ring With Buna N Gasket, Protected	482.69	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0199	EA	10" Coupling, 5" Middle Ring With Buna N Gasket, Protected	539.69	
33 01 30 51-0200	EA	10" Coupling, 7" Middle Ring With Buna N Gasket, Protected	635.10	
33 01 30 51-0201	EA	12" Coupling, 5" Middle Ring With Buna N Gasket, Protected	611.99	
33 01 30 51-0202	EA	12" Coupling, 7" Middle Ring With Buna N Gasket, Protected	812.25	
33 01 30 51-0203	EA	14" Coupling, 7" Middle Ring With Buna N Gasket, Protected	940.01	
33 01 30 51-0204	EA	16" Coupling, 7" Middle Ring With Buna N Gasket, Protected	1,107.89	
33 01 30 51-0205	EA	18" Coupling, 7" Middle Ring With Buna N Gasket, Protected	1,257.59	
33 01 30 51-0206	EA	20" Coupling, 7" Middle Ring With Buna N Gasket, Protected	1,354.91	
33 01 30 51-0207	EA	22" Coupling, 7" Middle Ring With Buna N Gasket, Protected	1,702.91	
33 01 30 51-0208	EA	24" Coupling, 7" Middle Ring With Buna N Gasket, Protected	1,789.00	
33 01 30 51-0209		Couplings For Steel Pipe *(33 01 30 51-0079)*		
		Note: Includes high temperature carded glass gasket, protected. Dresser style 38.		
33 01 30 51-0210	EA	3/4" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	143.05	
33 01 30 51-0211	EA	1" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	153.04	
33 01 30 51-0212	EA	1-1/2" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	157.28	
33 01 30 51-0213	EA	2" Coupling, 4" Middle Ring With High Temp Carded Glass Gasket	245.58	
33 01 30 51-0214	EA	2" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	266.05	
33 01 30 51-0215	EA	2" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	276.47	
33 01 30 51-0216	EA	3" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	314.20	
33 01 30 51-0217	EA	3" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	311.84	
33 01 30 51-0218	EA	4" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	345.30	
33 01 30 51-0219	EA	4" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	355.44	
33 01 30 51-0220	EA	5" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	486.19	
33 01 30 51-0221	EA	5" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	499.64	
33 01 30 51-0222	EA	6" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	514.68	
33 01 30 51-0223	EA	6" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	523.60	
33 01 30 51-0224	EA	8" Coupling, 4" Middle Ring With High Temp Carded Glass Gasket	527.57	
33 01 30 51-0225	EA	8" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	661.47	
33 01 30 51-0226	EA	8" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	716.07	
33 01 30 51-0227	EA	10" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	726.01	
33 01 30 51-0228	EA	10" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	725.82	
33 01 30 51-0229	EA	12" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	930.67	
33 01 30 51-0230	EA	12" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	971.79	
33 01 30 51-0231	EA	14" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,127.92	
33 01 30 51-0232	EA	16" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,425.60	
33 01 30 51-0233	EA	18" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,384.80	
33 01 30 51-0234	EA	20" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,547.60	
33 01 30 51-0235	EA	22" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,678.59	
33 01 30 51-0236	EA	24" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	1,826.42	
33 01 30 51-0237		Couplings And Fittings For Steel Pipe, Cast Body, Compression *(33 01 30 51-0079)*		
		Note: Includes gaskets. Dresser style 90.		
33 01 30 51-0238		Couplings For Steel Pipe, Cast Body (Compression) *(33 01 30 51-0237)*		
		Note: Includes gaskets.		
33 01 30 51-0239	EA	1/2" Coupling, Cast Body (Compression), 5" Middle Ring	69.93	
33 01 30 51-0240	EA	3/4" Coupling, Cast Body (Compression), 5" Middle Ring	69.43	
33 01 30 51-0241	EA	1" Coupling, Cast Body (Compression), 5" Middle Ring	77.83	
33 01 30 51-0242	EA	1-1/4" Coupling, Cast Body (Compression), 5" Middle Ring	86.33	
33 01 30 51-0243	EA	1-1/2" Coupling, Cast Body (Compression), 5" Middle Ring	106.53	
33 01 30 51-0244	EA	2" Coupling, Cast Body (Compression), 5" Middle Ring	129.86	
33 01 30 51-0245	EA	1/2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	72.08	
33 01 30 51-0246	EA	3/4" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	71.81	
33 01 30 51-0247	EA	1" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	78.18	
33 01 30 51-0248	EA	1-1/4" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	87.43	
33 01 30 51-0249	EA	1-1/2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	110.14	
33 01 30 51-0250	EA	2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	131.45	
33 01 30 51-0251	EA	3/4" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	143.29	
33 01 30 51-0252	EA	1" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	167.67	
33 01 30 51-0253	EA	1-1/4" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	173.36	
33 01 30 51-0254	EA	1-1/2" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	193.38	
33 01 30 51-0255	EA	2" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	235.58	
33 01 30 51-0256		Reducing Couplings For Steel Pipe (Compression) *(33 01 30 51-0237)*		
		Note: Includes armored gaskets.		
33 01 30 51-0257	EA	3/4" x 1/2" Reducing Coupling (Compression)	76.62	
33 01 30 51-0258	EA	1" x 3/4" Reducing Coupling (Compression)	80.17	
33 01 30 51-0259	EA	1-1/4" x 3/4" Reducing Coupling (Compression)	90.26	
33 01 30 51-0260	EA	1-1/4" x 1" Reducing Coupling (Compression)	94.22	
33 01 30 51-0261	EA	1-1/2" x 3/4" Reducing Coupling (Compression)	189.41	
33 01 30 51-0262	EA	1-1/2" x 1" Reducing Coupling (Compression)	112.69	
33 01 30 51-0263	EA	1-1/2" x 1-1/4" Reducing Coupling (Compression)	113.25	
33 01 30 51-0264	EA	2" x 3/4" Reducing Coupling (Compression)	226.13	
33 01 30 51-0265	EA	2" x 1" Reducing Coupling (Compression)	204.10	
33 01 30 51-0266	EA	2" x 1-1/4" Reducing Coupling (Compression)	151.66	
33 01 30 51-0267	EA	2" x 1-1/2" Reducing Coupling (Compression)	151.08	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0268		**Steel Compression Repair Fittings, Elbows** *(33 01 30 51-0237)* Note: Includes armored gaskets.		
33 01 30 51-0269	EA	1" 45 Degree Elbow (Compression)	130.76	
33 01 30 51-0270	EA	1-1/4" 45 Degree Elbow (Compression)	135.21	
33 01 30 51-0271	EA	1-1/2" 45 Degree Elbow (Compression)	175.15	
33 01 30 51-0272	EA	2" 45 Degree Elbow (Compression)	222.02	
33 01 30 51-0273	EA	3/4" 90 Degree Elbow (Compression)	85.77	
33 01 30 51-0274	EA	1" 90 Degree Elbow (Compression)	87.82	
33 01 30 51-0275	EA	1-1/4" 90 Degree Elbow (Compression)	103.15	
33 01 30 51-0276	EA	1-1/2" 90 Degree Elbow (Compression)	149.15	
33 01 30 51-0277	EA	2" 90 Degree Elbow (Compression)	161.89	
33 01 30 51-0278	EA	3/4" Plain End 90 Degree Street Elbow (Compression)	86.07	
33 01 30 51-0279	EA	1" Plain End 90 Degree Street Elbow (Compression)	73.53	
33 01 30 51-0280	EA	1-1/4" Plain End 90 Degree Street Elbow (Compression)	82.92	
33 01 30 51-0281	EA	1-1/2" Plain End 90 Degree Street Elbow (Compression)	105.05	
33 01 30 51-0282	EA	2" Plain End 90 Degree Street Elbow (Compression)	136.95	
33 01 30 51-0283	EA	3/4" Threaded End 90 Degree Street Elbow (Compression)	89.17	
33 01 30 51-0284	EA	1" Threaded End 90 Degree Street Elbow (Compression)	79.34	
33 01 30 51-0285	EA	1-1/4" Threaded End 90 Degree Street Elbow (Compression)	104.53	
33 01 30 51-0286	EA	1-1/2" Threaded End 90 Degree Street Elbow (Compression)	125.67	
33 01 30 51-0287	EA	2" Threaded End 90 Degree Street Elbow (Compression)	181.05	
33 01 30 51-0288		**Steel Compression Repair Fittings, Tees** *(33 01 30 51-0237)* Note: Includes armored gaskets.		
33 01 30 51-0289	EA	3/4" Street Tee (Compression)	91.15	
33 01 30 51-0290	EA	1" Street Tee (Compression)	107.42	
33 01 30 51-0291	EA	1-1/4" Street Tee (Compression)	106.72	
33 01 30 51-0292	EA	1-1/2" Street Tee (Compression)	121.70	
33 01 30 51-0293	EA	2" Street Tee (Compression)	190.35	
33 01 30 51-0294	EA	1-1/4" x 1-1/4" x 1" Reducing Street Tee (Compression)	105.60	
33 01 30 51-0295	EA	1-1/4" x 1" x 1-1/4" Reducing Street Tee (Compression)	111.23	
33 01 30 51-0296	EA	1-1/2" x 1-1/2" x 1" Reducing Street Tee (Compression)	139.34	
33 01 30 51-0297	EA	1-1/2" x 1-1/2" x 1-1/4" Reducing Street Tee (Compression)	164.78	
33 01 30 51-0298	EA	1-1/2" x 1" x 1-1/2" Reducing Street Tee (Compression)	165.91	
33 01 30 51-0299	EA	1-1/2" x 1-1/4" x 1-1/2" Reducing Street Tee (Compression)	136.95	
33 01 30 51-0300	EA	2" x 1-1/4" x 2" Reducing Street Tee (Compression)	184.85	
33 01 30 51-0301	EA	2" x 1-1/2" x 2" Reducing Street Tee (Compression)	213.12	
33 01 30 51-0302	EA	3/4" Welding Street Tee (Compression)	175.95	
33 01 30 51-0303	EA	1" Welding Street Tee (Compression)	174.55	
33 01 30 51-0304	EA	1-1/4" Welding Street Tee (Compression)	186.27	
33 01 30 51-0305	EA	1-1/2" Welding Street Tee (Compression)	223.45	
33 01 30 51-0306	EA	2" Welding Street Tee (Compression)	303.86	
33 01 30 51-0307	EA	3/4" Regular Tee (Compression)	126.62	
33 01 30 51-0308	EA	1" Regular Tee (Compression)	228.37	
33 01 30 51-0309	EA	1-1/4" Regular Tee (Compression)	239.98	
33 01 30 51-0310	EA	1-1/2" Regular Tee (Compression)	254.96	
33 01 30 51-0311	EA	2" Regular Tee (Compression)	280.96	
33 01 30 51-0312	EA	2" x 2" x 1-1/4" Regular Reducing Tee (Compression)	276.43	
33 01 30 51-0313		**Steel Compression Repair Fittings, Male Adapters** *(33 01 30 51-0237)* Note: Includes armored gaskets.		
33 01 30 51-0314	EA	3/4" Male Adapter (Compression)	85.50	
33 01 30 51-0315	EA	1" Male Adapter (Compression)	94.87	
33 01 30 51-0316	EA	1-1/4" Male Adapter (Compression)	125.19	
33 01 30 51-0317	EA	1-1/2" Male Adapter (Compression)	140.11	
33 01 30 51-0318	EA	2" Male Adapter (Compression)	157.16	
33 01 30 51-0319	EA	1" x 1-1/4" Male Adapter (Compression)	124.46	
33 01 30 51-0320		**Steel Compression Repair Fittings, Line Caps** *(33 01 30 51-0237)* Note: Includes armored gaskets.		
33 01 30 51-0321	EA	3/4" Line Caps (Compression)	46.22	
33 01 30 51-0322	EA	1" Line Caps (Compression)	53.81	
33 01 30 51-0323	EA	1-1/4" Line Caps (Compression)	61.53	
33 01 30 51-0324	EA	1-1/2" Line Caps (Compression)	72.02	
33 01 30 51-0325	EA	2" Line Caps (Compression)	89.17	
33 01 30 51-0326		**Grind Offset Joint** *(33 01 30 51-0001)*		
33 01 30 51-0327	EA	6" To 10", Grind Drop Offset Joint	418.68	
33 01 30 51-0328	EA	>10" To 15", Grind Drop Offset Joint	558.25	
33 01 30 51-0329	EA	>15" To 24", Grind Drop Offset Joint	697.81	
33 01 30 51-0330	EA	>24" To 30", Grind Drop Offset Joint	837.37	
33 01 30 51-0331		**Pipe Plugging** *(33 01 30 51-0001)*		
33 01 30 51-0332		**Gravity Bladder Type, Temporary Pipe Plugging** *(33 01 30 51-0331)* Note: Includes insertion of expandable bladder device into pipe, expanding to block flow and removal.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0333	EA	3/4" Bladder Type, Temporary Pipe Plug	75.45	
33 01 30 51-0334	EA	1" Bladder Type, Temporary Pipe Plug	80.75	
33 01 30 51-0335	EA	1-1/4" Bladder Type, Temporary Pipe Plug	87.22	
33 01 30 51-0336	EA	1-1/2" Bladder Type, Temporary Pipe Plug	93.24	
33 01 30 51-0337	EA	2" Bladder Type, Temporary Pipe Plug	99.01	
33 01 30 51-0338	EA	2-1/2" Bladder Type, Temporary Pipe Plug	105.47	
33 01 30 51-0339	EA	3" Bladder Type, Temporary Pipe Plug	113.72	
33 01 30 51-0340	EA	4" Bladder Type, Temporary Pipe Plug	125.13	
33 01 30 51-0341	EA	5" Bladder Type, Temporary Pipe Plug	135.57	
33 01 30 51-0342	EA	6" Bladder Type, Temporary Pipe Plug	151.20	
33 01 30 51-0343	EA	8" Bladder Type, Temporary Pipe Plug	167.90	
33 01 30 51-0344	EA	10" Bladder Type, Temporary Pipe Plug	194.58	
33 01 30 51-0345	EA	12" Bladder Type, Temporary Pipe Plug	228.13	
33 01 30 51-0346	EA	14" Bladder Type, Temporary Pipe Plug	271.42	
33 01 30 51-0347	EA	16" Bladder Type, Temporary Pipe Plug	326.94	
33 01 30 51-0348	EA	18" Bladder Type, Temporary Pipe Plug	393.65	
33 01 30 51-0349	EA	20" Bladder Type, Temporary Pipe Plug	469.31	
33 01 30 51-0350	EA	24" Bladder Type, Temporary Pipe Plug	541.99	

33 01 30 51-0351 Hydra Stop, Hot Tapping Of Pressure Pipe *(33 01 30 51-0331)*

Note: Includes flanged or threaded lateral outlet, cutting and tapping pipe, insertion of expandable bladder device into pipe, expanding to block flow, and removal of bladder/cutting device.

33 01 30 51-0352	EA	2" Hydra Stop, Line Stopper	2,638.90	
33 01 30 51-0353	EA	2-1/2" Hydra Stop, Line Stopper	3,311.45	
33 01 30 51-0354	EA	3" Hydra Stop, Line Stopper	4,060.85	
33 01 30 51-0355	EA	4" Hydra Stop, Line Stopper	4,893.50	
33 01 30 51-0356	EA	5" Hydra Stop, Line Stopper	5,508.37	
33 01 30 51-0357	EA	6" Hydra Stop, Line Stopper	6,481.93	
33 01 30 51-0358	EA	8" Hydra Stop, Line Stopper	7,096.80	
33 01 30 51-0359	EA	10" Hydra Stop, Line Stopper	8,070.32	
33 01 30 51-0360	EA	12" Hydra Stop, Line Stopper	9,043.89	
33 01 30 51-0361	EA	14" Hydra Stop, Line Stopper	10,081.45	
33 01 30 51-0362	EA	16" Hydra Stop, Line Stopper	11,503.40	
33 01 30 51-0363	EA	18" Hydra Stop, Line Stopper	13,117.50	
33 01 30 51-0364	EA	20" Hydra Stop, Line Stopper	15,628.23	

33 01 30 51-0365 Aluminum Expansion Plugs *(33 01 30 51-0331)*

Note: For use with PVC, clay Or cast iron drainage pipe.

33 01 30 51-0366	EA	3" Pipe Aluminum Expansion Plug	72.93	
33 01 30 51-0367	EA	4" Pipe Aluminum Expansion Plug	105.91	
33 01 30 51-0368	EA	5" Pipe Aluminum Expansion Plug	119.47	
33 01 30 51-0369	EA	6" Pipe Aluminum Expansion Plug	182.73	
33 01 30 51-0370	EA	8" Pipe Aluminum Expansion Plug	187.65	
33 01 30 51-0371	EA	10" Pipe Aluminum Expansion Plug	235.35	
33 01 30 51-0372	EA	12" Pipe Aluminum Expansion Plug	319.37	
33 01 30 51-0373	EA	14" Pipe Aluminum Expansion Plug	517.92	
33 01 30 51-0374	EA	15" Pipe Aluminum Expansion Plug	561.14	

33 01 30 51-0375 Pipe Repair Clamp, Stainless Steel, 3" Long *(33 01 30 51-0001)*

33 01 30 51-0376	EA	1/2" Diameter Pipe Clamp, Stainless Steel, 3" Long	141.35	
33 01 30 51-0377	EA	3/4" Diameter Pipe Clamp, Stainless Steel, 3" Long	141.53	
33 01 30 51-0378	EA	1" Diameter Pipe Clamp, Stainless Steel, 3" Long	141.97	
33 01 30 51-0379	EA	1-1/4" Diameter Pipe Clamp, Stainless Steel, 3" Long	142.41	
33 01 30 51-0380	EA	1-1/2" Diameter Pipe Clamp, Stainless Steel, 3" Long	142.63	
33 01 30 51-0381	EA	2" Diameter Pipe Clamp, Stainless Steel, 3" Long	143.29	
33 01 30 51-0382	EA	2-1/2" Diameter Pipe Clamp, Stainless Steel, 3" Long	143.95	
33 01 30 51-0383	EA	3" Diameter Pipe Clamp, Stainless Steel, 3" Long	144.83	
33 01 30 51-0384	EA	4" Diameter Pipe Clamp, Stainless Steel, 3" Long	260.07	
33 01 30 51-0385	EA	6" Diameter Pipe Clamp, Stainless Steel, 3" Long	262.93	
33 01 30 51-0386	EA	8" Diameter Pipe Clamp, Stainless Steel, 3" Long	264.92	
33 01 30 51-0387	EA	10" Diameter Pipe Clamp, Stainless Steel, 3" Long	285.87	
33 01 30 51-0388	EA	12" Diameter Pipe Clamp, Stainless Steel, 3" Long	288.52	
33 01 30 51-0389	EA	14" Diameter Pipe Clamp, Stainless Steel, 3" Long	290.29	
33 01 30 51-0390	EA	16" Diameter Pipe Clamp, Stainless Steel, 3" Long	292.93	
33 01 30 51-0391	EA	18" Diameter Pipe Clamp, Stainless Steel, 3" Long	295.58	
33 01 30 51-0392	EA	20" Diameter Pipe Clamp, Stainless Steel, 3" Long	299.11	
33 01 30 51-0393	EA	24" Diameter Pipe Clamp, Stainless Steel, 3" Long	305.28	

33 01 30 51-0394 Polyseal Pipe Coupler *(33 01 30 51-0001)*

33 01 30 51-0395	EA	18" Diameter Pipe, PolySeal Repair Couplers (MarMac)	317.56	
33 01 30 51-0396	EA	24" Diameter Pipe, PolySeal Repair Couplers (MarMac)	358.40	

33 01 30 63 Sewer and Pipe Joint Sealing *(33 01 30)*

33 01 30 63-0001 Joint Air Test *(33 01 30 63)*

33 01 30 63-0002	EA	4" To 8", Joint Air Test	94.27	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 63-0003	EA	10" To 15", Joint Air Test	109.98	
33 01 30 63-0004	EA	>15" To 21", Joint Air Test	125.69	
33 01 30 63-0005	EA	>21" To 24", Joint Air Test	157.11	
33 01 30 63-0006	EA	>24" To 27", Joint Air Test	188.53	
33 01 30 63-0007	EA	>27" To 36", Joint Air Test	219.95	
33 01 30 63-0008		Joint Seal And Joint Air Retest *(33 01 30 63)*		
		Note: Includes grout.		
33 01 30 63-0009	EA	4" Joint Seal And Joint Air Retest	285.91	
		Note: Includes up to 1 gallon of grout.		
33 01 30 63-0010	EA	6" Joint Seal And Joint Air Retest	317.34	
		Note: Includes 1 gallon of grout.		
33 01 30 63-0011	EA	8" Joint Seal And Joint Air Retest	388.30	
		Note: Includes 2 gallons of grout.		
33 01 30 63-0012	EA	10" Joint Seal And Joint Air Retest	432.00	
		Note: Includes 2.5 gallons of grout.		
33 01 30 63-0013	EA	12" Joint Seal And Joint Air Retest	480.69	
		Note: Includes 3 gallons of grout.		
33 01 30 63-0014	EA	15" Joint Seal And Joint Air Retest	569.43	
		Note: Includes 3.75 gallons of grout.		
33 01 30 63-0015	EA	18" Joint Seal And Joint Air Retest	658.18	
		Note: Includes 4.5 gallons of grout.		
33 01 30 63-0016	EA	21" Joint Seal And Joint Air Retest	746.93	
		Note: Includes 5.25 gallons of grout.		
33 01 30 63-0017	EA	24" Joint Seal And Joint Air Retest	867.10	
		Note: Includes 6 gallons of grout.		
33 01 30 63-0018	EA	27" Joint Seal And Joint Air Retest	987.26	
		Note: Includes 6.75 gallons of grout.		
33 01 30 63-0019	EA	30" Joint Seal And Joint Air Retest	1,138.86	
		Note: Includes 7.5 gallons of grout.		
33 01 30 63-0020	EA	36" Joint Seal And Joint Air Retest	1,316.37	
		Note: Includes 9 gallons of grout.		
33 01 30 63-0021	GAL	Extra Grout Per Joint	160.23	
		Note: For extra grout per joint required over listed amount.		
33 01 30 70		**Rehabilitation of Sewer Utilities** *(33 01 30)*		
33 01 30 70-0001		Cementitious Pipe Coatings By Hand *(33 01 30 70)*		
		Note: To be used on repair areas to install the coating on the exposed portion of the pipe.		
33 01 30 70-0002	SF	Up To 1" Thick Cementitious Coating On Pipe, Troweled On	9.27	
33 01 30 70-0003	SF	>1" To 2" Thick Cementitious Coating On Pipe, Troweled On	14.15	
33 01 30 71		**Relining Sewer Utilities Pipelines** *(33 01 30)*		
33 01 30 71-0001		Relining Underground Pipelines *(33 01 30 71)*		
		Note: Excludes CCTV inspection, sewer cleaning, pavement both temporary and permanent, emergency after hours response for homeowners backups. See CSI section 01 22 20 00-0000 for hourly rates for after hours response for homeowners backups, 32 01 17 63-0000 for temporary pavement, 32 12 16 00-0000 for permanent pavement, 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.		
33 01 30 71-0002		25% Asphalt Paving In Pipe, Cold Applied, ASTM A849 *(33 01 30 71-0001)*		
		Note: Excludes costs for CCTV inspection, sewer cleaning, bypass pumping.		
33 01 30 71-0003	LF	12" Diameter Pipe, 25% Asphalt Paved	8.03	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*1.80*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*1.44*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*0.72*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-0.52*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-0.88*	
33 01 30 71-0004	LF	15" Diameter Pipe, 25% Asphalt Paved	10.56	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*2.32*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*1.85*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*0.93*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-0.66*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-1.13*	
33 01 30 71-0005	LF	18" Diameter Pipe, 25% Asphalt Paved	12.66	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*2.78*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*2.22*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*1.11*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-0.80*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-1.35*	
33 01 30 71-0006	LF	21" Diameter Pipe, 25% Asphalt Paved	14.79	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*3.25*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*2.60*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*1.30*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-0.93*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-1.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0007	LF	24" Diameter Pipe, 25% Asphalt Paved	16.90	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*3.71*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*2.97*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*1.48*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-1.06*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-1.80*	
33 01 30 71-0008	LF	30" Diameter Pipe, 25% Asphalt Paved	21.12	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*4.64*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*3.71*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*1.85*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-1.33*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-2.25*	
33 01 30 71-0009	LF	36" Diameter Pipe, 25% Asphalt Paved	25.34	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*5.56*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*4.45*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*2.23*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-1.59*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-2.70*	
33 01 30 71-0010	LF	42" Diameter Pipe, 25% Asphalt Paved	29.56	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*6.49*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*5.19*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*2.60*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-1.86*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-3.15*	
33 01 30 71-0011	LF	48" Diameter Pipe, 25% Asphalt Paved	33.78	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*7.42*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*5.93*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*2.97*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-2.12*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-3.60*	
33 01 30 71-0012	LF	54" Diameter Pipe, 25% Asphalt Paved	38.00	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*8.34*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*6.67*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*3.34*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-2.39*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-4.05*	
33 01 30 71-0013	LF	60" Diameter Pipe, 25% Asphalt Paved	42.23	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*9.27*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*7.42*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*3.71*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-2.65*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-4.51*	
33 01 30 71-0014	LF	66" Diameter Pipe, 25% Asphalt Paved	46.46	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*10.20*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*8.16*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*4.08*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-2.92*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-4.96*	
33 01 30 71-0015	LF	72" Diameter Pipe, 25% Asphalt Paved	50.68	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*11.13*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*8.90*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*4.45*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-3.18*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-5.41*	
33 01 30 71-0016	LF	78" Diameter Pipe, 25% Asphalt Paved	54.90	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*12.05*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*9.64*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*4.82*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-3.45*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-5.86*	
33 01 30 71-0017	LF	84" Diameter Pipe, 25% Asphalt Paved	59.12	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*12.98*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*10.38*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*5.19*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-3.71*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-6.31*	
33 01 30 71-0018	LF	90" Diameter Pipe, 25% Asphalt Paved	63.34	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*13.90*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*11.12*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*5.56*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-3.98*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-6.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0019	LF	96" Diameter Pipe, 25% Asphalt Paved	67.56	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*14.83*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*11.86*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*5.93*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-4.24*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-7.21*	
33 01 30 71-0020	LF	102" Diameter Pipe, 25% Asphalt Paved	71.79	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*15.76*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*12.61*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*6.30*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-4.51*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-7.66*	
33 01 30 71-0021	LF	108" Diameter Pipe, 25% Asphalt Paved	76.02	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*16.69*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*13.35*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*6.68*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-4.77*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-8.11*	
33 01 30 71-0022	LF	114" Diameter Pipe, 25% Asphalt Paved	80.24	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*17.61*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*14.09*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*7.05*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-5.04*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-8.56*	
33 01 30 71-0023	LF	120" Diameter Pipe, 25% Asphalt Paved	84.46	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*18.54*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*14.83*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*7.42*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-5.30*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-9.01*	
33 01 30 71-0024	LF	126" Diameter Pipe, 25% Asphalt Paved	88.69	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*19.47*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*15.58*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*7.79*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-5.57*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-9.46*	
33 01 30 71-0025	LF	132" Diameter Pipe, 25% Asphalt Paved	92.90	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*20.39*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*16.31*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*8.16*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-5.83*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-9.91*	
33 01 30 71-0026	LF	138" Diameter Pipe, 25% Asphalt Paved	97.13	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*21.32*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*17.06*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*8.53*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-6.10*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-10.36*	
33 01 30 71-0027	LF	144" Diameter Pipe, 25% Asphalt Paved	101.35	
		Note: Cold applied to corrugated metal pipe.		
		For Up To 100 LF Total Relining (All Sizes), Add	*22.25*	
		For >100 To 250 LF Total Relining (All Sizes), Add	*17.80*	
		For >250 To 500 LF Total Relining (All Sizes), Add	*8.90*	
		For >2,500 To 5,000 LF Total Relining (All Sizes), Deduct	*-6.37*	
		For >5,000 LF Total Relining (All Sizes), Deduct	*-10.81*	
33 01 30 71-0028		Lining Pipe, Spray Applied With Structural Polyurethane *(33 01 30 71-0001)*		
		Note: Two part structural polyurethane.		
33 01 30 71-0029		Mobilization And Setup For Spray Applied Structural Polyurethane Lining *(33 01 30 71-0028)*		
33 01 30 71-0030	EA	Initial Set Up And Final Equipment Removal For Spray Applied Structural Polyurethane Lining	1,869.61	
33 01 30 71-0031		Lining Pipe, Spray Applied With 100 mil Structural Polyurethane *(33 01 30 71-0028)*		
		Note: Two part structural polyurethane.		
33 01 30 71-0032	LF	36" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	57.76	
		For Up To 75, Add	*12.56*	
		For >75 To 150, Add	*5.78*	
		For >500 To 1,000, Deduct	*-1.56*	
		For >1,000 To 2,000, Deduct	*-3.02*	
		For >2,000 To 5,000, Deduct	*-4.68*	
		For >5,000, Deduct	*-6.78*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0033	LF	42" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	67.39	
		For Up To 75, Add	*14.65*	
		For >75 To 150, Add	*6.74*	
		For >500 To 1,000, Deduct	*-1.82*	
		For >1,000 To 2,000, Deduct	*-3.52*	
		For >2,000 To 5,000, Deduct	*-5.46*	
		For >5,000, Deduct	*-7.92*	
33 01 30 71-0034	LF	48" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	77.03	
		For Up To 75, Add	*16.75*	
		For >75 To 150, Add	*7.70*	
		For >500 To 1,000, Deduct	*-2.08*	
		For >1,000 To 2,000, Deduct	*-4.02*	
		For >2,000 To 5,000, Deduct	*-6.24*	
		For >5,000, Deduct	*-9.05*	
33 01 30 71-0035	LF	54" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	86.64	
		For Up To 75, Add	*18.84*	
		For >75 To 150, Add	*8.66*	
		For >500 To 1,000, Deduct	*-2.34*	
		For >1,000 To 2,000, Deduct	*-4.52*	
		For >2,000 To 5,000, Deduct	*-7.01*	
		For >5,000, Deduct	*-10.18*	
33 01 30 71-0036	LF	60" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	96.27	
		For Up To 75, Add	*20.93*	
		For >75 To 150, Add	*9.63*	
		For >500 To 1,000, Deduct	*-2.60*	
		For >1,000 To 2,000, Deduct	*-5.03*	
		For >2,000 To 5,000, Deduct	*-7.79*	
		For >5,000, Deduct	*-11.31*	
33 01 30 71-0037	LF	66" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	105.89	
		For Up To 75, Add	*23.03*	
		For >75 To 150, Add	*10.59*	
		For >500 To 1,000, Deduct	*-2.86*	
		For >1,000 To 2,000, Deduct	*-5.53*	
		For >2,000 To 5,000, Deduct	*-8.57*	
		For >5,000, Deduct	*-12.44*	
33 01 30 71-0038	LF	72" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	115.52	
		For Up To 75, Add	*25.12*	
		For >75 To 150, Add	*11.55*	
		For >500 To 1,000, Deduct	*-3.12*	
		For >1,000 To 2,000, Deduct	*-6.03*	
		For >2,000 To 5,000, Deduct	*-9.35*	
		For >5,000, Deduct	*-13.57*	
33 01 30 71-0039	LF	78" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	125.14	
		For Up To 75, Add	*27.21*	
		For >75 To 150, Add	*12.51*	
		For >500 To 1,000, Deduct	*-3.38*	
		For >1,000 To 2,000, Deduct	*-6.53*	
		For >2,000 To 5,000, Deduct	*-10.13*	
		For >5,000, Deduct	*-14.70*	
33 01 30 71-0040	LF	84" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	134.78	
		For Up To 75, Add	*29.31*	
		For >75 To 150, Add	*13.48*	
		For >500 To 1,000, Deduct	*-3.64*	
		For >1,000 To 2,000, Deduct	*-7.04*	
		For >2,000 To 5,000, Deduct	*-10.91*	
		For >5,000, Deduct	*-15.83*	
33 01 30 71-0041	LF	90" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	144.40	
		For Up To 75, Add	*31.40*	
		For >75 To 150, Add	*14.44*	
		For >500 To 1,000, Deduct	*-3.90*	
		For >1,000 To 2,000, Deduct	*-7.54*	
		For >2,000 To 5,000, Deduct	*-11.69*	
		For >5,000, Deduct	*-16.96*	
33 01 30 71-0042	LF	96" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	154.03	
		For Up To 75, Add	*33.50*	
		For >75 To 150, Add	*15.40*	
		For >500 To 1,000, Deduct	*-4.16*	
		For >1,000 To 2,000, Deduct	*-8.04*	
		For >2,000 To 5,000, Deduct	*-12.47*	
		For >5,000, Deduct	*-18.09*	
33 01 30 71-0043	LF	102" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	163.67	
		For Up To 75, Add	*35.59*	
		For >75 To 150, Add	*16.37*	
		For >500 To 1,000, Deduct	*-4.42*	
		For >1,000 To 2,000, Deduct	*-8.55*	
		For >2,000 To 5,000, Deduct	*-13.25*	
		For >5,000, Deduct	*-19.22*	
33 01 30 71-0044	LF	108" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	173.28	
		For Up To 75, Add	*37.68*	
		For >75 To 150, Add	*17.33*	
		For >500 To 1,000, Deduct	*-4.68*	
		For >1,000 To 2,000, Deduct	*-9.05*	
		For >2,000 To 5,000, Deduct	*-14.03*	
		For >5,000, Deduct	*-20.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0045	LF	114" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	182.92	
		For Up To 75, Add	*39.78*	
		For >75 To 150, Add	*18.29*	
		For >500 To 1,000, Deduct	*-4.94*	
		For >1,000 To 2,000, Deduct	*-9.55*	
		For >2,000 To 5,000, Deduct	*-14.81*	
		For >5,000, Deduct	*-21.49*	
33 01 30 71-0046	LF	120" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	192.53	
		For Up To 75, Add	*41.87*	
		For >75 To 150, Add	*19.25*	
		For >500 To 1,000, Deduct	*-5.20*	
		For >1,000 To 2,000, Deduct	*-10.05*	
		For >2,000 To 5,000, Deduct	*-15.59*	
		For >5,000, Deduct	*-22.61*	
33 01 30 71-0047	SF	Structure Lining, Spray Applied With 100 mil Structural Polyurethane	6.13	

33 01 30 71-0048 Lining Pipe, Spray Applied With 150 mil Structural Polyurethane *(33 01 30 71-0028)*

Note: Two part structural polyurethane.

33 01 30 71-0049	LF	36" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	77.66	
		For Up To 75, Add	*16.59*	
		For >75 To 150, Add	*7.77*	
		For >500 To 1,000, Deduct	*-1.98*	
		For >1,000 To 2,000, Deduct	*-3.85*	
		For >2,000 To 5,000, Deduct	*-5.93*	
		For >5,000, Deduct	*-8.83*	
33 01 30 71-0050	LF	42" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	90.59	
		For Up To 75, Add	*19.36*	
		For >75 To 150, Add	*9.06*	
		For >500 To 1,000, Deduct	*-2.31*	
		For >1,000 To 2,000, Deduct	*-4.49*	
		For >2,000 To 5,000, Deduct	*-6.92*	
		For >5,000, Deduct	*-10.30*	
33 01 30 71-0051	LF	48" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	103.54	
		For Up To 75, Add	*22.12*	
		For >75 To 150, Add	*10.35*	
		For >500 To 1,000, Deduct	*-2.64*	
		For >1,000 To 2,000, Deduct	*-5.13*	
		For >2,000 To 5,000, Deduct	*-7.91*	
		For >5,000, Deduct	*-11.77*	
33 01 30 71-0052	LF	54" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	116.48	
		For Up To 75, Add	*24.89*	
		For >75 To 150, Add	*11.65*	
		For >500 To 1,000, Deduct	*-2.97*	
		For >1,000 To 2,000, Deduct	*-5.77*	
		For >2,000 To 5,000, Deduct	*-8.90*	
		For >5,000, Deduct	*-13.24*	
33 01 30 71-0053	LF	60" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	129.42	
		For Up To 75, Add	*27.65*	
		For >75 To 150, Add	*12.94*	
		For >500 To 1,000, Deduct	*-3.30*	
		For >1,000 To 2,000, Deduct	*-6.42*	
		For >2,000 To 5,000, Deduct	*-9.89*	
		For >5,000, Deduct	*-14.71*	
33 01 30 71-0054	LF	66" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	142.37	
		For Up To 75, Add	*30.42*	
		For >75 To 150, Add	*14.24*	
		For >500 To 1,000, Deduct	*-3.63*	
		For >1,000 To 2,000, Deduct	*-7.06*	
		For >2,000 To 5,000, Deduct	*-10.88*	
		For >5,000, Deduct	*-16.18*	
33 01 30 71-0055	LF	72" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	155.31	
		For Up To 75, Add	*33.19*	
		For >75 To 150, Add	*15.53*	
		For >500 To 1,000, Deduct	*-3.96*	
		For >1,000 To 2,000, Deduct	*-7.70*	
		For >2,000 To 5,000, Deduct	*-11.87*	
		For >5,000, Deduct	*-17.65*	
33 01 30 71-0056	LF	78" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	168.25	
		For Up To 75, Add	*35.95*	
		For >75 To 150, Add	*16.83*	
		For >500 To 1,000, Deduct	*-4.28*	
		For >1,000 To 2,000, Deduct	*-8.34*	
		For >2,000 To 5,000, Deduct	*-12.85*	
		For >5,000, Deduct	*-19.12*	
33 01 30 71-0057	LF	84" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	181.20	
		For Up To 75, Add	*38.72*	
		For >75 To 150, Add	*18.12*	
		For >500 To 1,000, Deduct	*-4.61*	
		For >1,000 To 2,000, Deduct	*-8.98*	
		For >2,000 To 5,000, Deduct	*-13.84*	
		For >5,000, Deduct	*-20.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0058	LF	90" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	194.14	
		For Up To 75, Add	*41.48*	
		For >75 To 150, Add	*19.41*	
		For >500 To 1,000, Deduct	*-4.94*	
		For >1,000 To 2,000, Deduct	*-9.62*	
		For >2,000 To 5,000, Deduct	*-14.83*	
		For >5,000, Deduct	*-22.07*	
33 01 30 71-0059	LF	96" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	207.08	
		For Up To 75, Add	*44.25*	
		For >75 To 150, Add	*20.71*	
		For >500 To 1,000, Deduct	*-5.27*	
		For >1,000 To 2,000, Deduct	*-10.26*	
		For >2,000 To 5,000, Deduct	*-15.82*	
		For >5,000, Deduct	*-23.54*	
33 01 30 71-0060	LF	102" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	220.02	
		For Up To 75, Add	*47.01*	
		For >75 To 150, Add	*22.00*	
		For >500 To 1,000, Deduct	*-5.60*	
		For >1,000 To 2,000, Deduct	*-10.91*	
		For >2,000 To 5,000, Deduct	*-16.81*	
		For >5,000, Deduct	*-25.01*	
33 01 30 71-0061	LF	108" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	232.97	
		For Up To 75, Add	*49.78*	
		For >75 To 150, Add	*23.30*	
		For >500 To 1,000, Deduct	*-5.93*	
		For >1,000 To 2,000, Deduct	*-11.55*	
		For >2,000 To 5,000, Deduct	*-17.80*	
		For >5,000, Deduct	*-26.48*	
33 01 30 71-0062	LF	114" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	245.90	
		For Up To 75, Add	*52.54*	
		For >75 To 150, Add	*24.59*	
		For >500 To 1,000, Deduct	*-6.26*	
		For >1,000 To 2,000, Deduct	*-12.19*	
		For >2,000 To 5,000, Deduct	*-18.79*	
		For >5,000, Deduct	*-27.95*	
33 01 30 71-0063	LF	120" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	258.86	
		For Up To 75, Add	*55.31*	
		For >75 To 150, Add	*25.89*	
		For >500 To 1,000, Deduct	*-6.59*	
		For >1,000 To 2,000, Deduct	*-12.83*	
		For >2,000 To 5,000, Deduct	*-19.78*	
		For >5,000, Deduct	*-29.42*	
33 01 30 71-0064	SF	Structure Lining, Spray Applied With 150 mil Structural Polyurethane	8.25	

33 01 30 71-0065 Lining Pipe, Spray Applied With 200 mil Structural Polyurethane *(33 01 30 71-0028)*

Note: Two part structural polyurethane.

33 01 30 71-0066	LF	36" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	97.53	
		For Up To 75, Add	*20.62*	
		For >75 To 150, Add	*9.75*	
		For >500 To 1,000, Deduct	*-2.40*	
		For >1,000 To 2,000, Deduct	*-4.68*	
		For >2,000 To 5,000, Deduct	*-7.19*	
		For >5,000, Deduct	*-10.87*	
33 01 30 71-0067	LF	42" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	113.80	
		For Up To 75, Add	*24.06*	
		For >75 To 150, Add	*11.38*	
		For >500 To 1,000, Deduct	*-2.80*	
		For >1,000 To 2,000, Deduct	*-5.46*	
		For >2,000 To 5,000, Deduct	*-8.39*	
		For >5,000, Deduct	*-12.68*	
33 01 30 71-0068	LF	48" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	130.04	
		For Up To 75, Add	*27.50*	
		For >75 To 150, Add	*13.00*	
		For >500 To 1,000, Deduct	*-3.20*	
		For >1,000 To 2,000, Deduct	*-6.24*	
		For >2,000 To 5,000, Deduct	*-9.59*	
		For >5,000, Deduct	*-14.49*	
33 01 30 71-0069	LF	54" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	146.30	
		For Up To 75, Add	*30.94*	
		For >75 To 150, Add	*14.63*	
		For >500 To 1,000, Deduct	*-3.60*	
		For >1,000 To 2,000, Deduct	*-7.03*	
		For >2,000 To 5,000, Deduct	*-10.79*	
		For >5,000, Deduct	*-16.31*	
33 01 30 71-0070	LF	60" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	162.56	
		For Up To 75, Add	*34.37*	
		For >75 To 150, Add	*16.26*	
		For >500 To 1,000, Deduct	*-4.00*	
		For >1,000 To 2,000, Deduct	*-7.81*	
		For >2,000 To 5,000, Deduct	*-11.99*	
		For >5,000, Deduct	*-18.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0071	LF	66" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	178.81	
		For Up To 75, Add	*37.81*	
		For >75 To 150, Add	*17.88*	
		For >500 To 1,000, Deduct	*-4.40*	
		For >1,000 To 2,000, Deduct	*-8.59*	
		For >2,000 To 5,000, Deduct	*-13.19*	
		For >5,000, Deduct	*-19.93*	
33 01 30 71-0072	LF	72" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	195.07	
		For Up To 75, Add	*41.25*	
		For >75 To 150, Add	*19.51*	
		For >500 To 1,000, Deduct	*-4.80*	
		For >1,000 To 2,000, Deduct	*-9.37*	
		For >2,000 To 5,000, Deduct	*-14.39*	
		For >5,000, Deduct	*-21.74*	
33 01 30 71-0073	LF	78" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	211.33	
		For Up To 75, Add	*44.69*	
		For >75 To 150, Add	*21.13*	
		For >500 To 1,000, Deduct	*-5.20*	
		For >1,000 To 2,000, Deduct	*-10.15*	
		For >2,000 To 5,000, Deduct	*-15.59*	
		For >5,000, Deduct	*-23.55*	
33 01 30 71-0074	LF	84" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	227.58	
		For Up To 75, Add	*48.12*	
		For >75 To 150, Add	*22.76*	
		For >500 To 1,000, Deduct	*-5.59*	
		For >1,000 To 2,000, Deduct	*-10.93*	
		For >2,000 To 5,000, Deduct	*-16.78*	
		For >5,000, Deduct	*-25.37*	
33 01 30 71-0075	LF	90" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	243.84	
		For Up To 75, Add	*51.56*	
		For >75 To 150, Add	*24.38*	
		For >500 To 1,000, Deduct	*-5.99*	
		For >1,000 To 2,000, Deduct	*-11.71*	
		For >2,000 To 5,000, Deduct	*-17.98*	
		For >5,000, Deduct	*-27.18*	
33 01 30 71-0076	LF	96" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	260.10	
		For Up To 75, Add	*55.00*	
		For >75 To 150, Add	*26.01*	
		For >500 To 1,000, Deduct	*-6.39*	
		For >1,000 To 2,000, Deduct	*-12.49*	
		For >2,000 To 5,000, Deduct	*-19.18*	
		For >5,000, Deduct	*-28.99*	
33 01 30 71-0077	LF	102" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	276.34	
		For Up To 75, Add	*58.43*	
		For >75 To 150, Add	*27.63*	
		For >500 To 1,000, Deduct	*-6.79*	
		For >1,000 To 2,000, Deduct	*-13.27*	
		For >2,000 To 5,000, Deduct	*-20.38*	
		For >5,000, Deduct	*-30.80*	
33 01 30 71-0078	LF	108" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	292.61	
		For Up To 75, Add	*61.87*	
		For >75 To 150, Add	*29.26*	
		For >500 To 1,000, Deduct	*-7.19*	
		For >1,000 To 2,000, Deduct	*-14.05*	
		For >2,000 To 5,000, Deduct	*-21.58*	
		For >5,000, Deduct	*-32.61*	
33 01 30 71-0079	LF	114" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	308.87	
		For Up To 75, Add	*65.31*	
		For >75 To 150, Add	*30.89*	
		For >500 To 1,000, Deduct	*-7.59*	
		For >1,000 To 2,000, Deduct	*-14.83*	
		For >2,000 To 5,000, Deduct	*-22.78*	
		For >5,000, Deduct	*-34.43*	
33 01 30 71-0080	LF	120" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	325.11	
		For Up To 75, Add	*68.75*	
		For >75 To 150, Add	*32.51*	
		For >500 To 1,000, Deduct	*-7.99*	
		For >1,000 To 2,000, Deduct	*-15.61*	
		For >2,000 To 5,000, Deduct	*-23.98*	
		For >5,000, Deduct	*-36.24*	
33 01 30 71-0081	SF	Structure Lining, Spray Applied With 200 mil Structural Polyurethane	10.35	

33 01 30 71-0082 Lining Pipe, Spray Applied With 250 mil Structural Polyurethane *(33 01 30 71-0028)*

Note: Two part structural polyurethane.

33 01 30 71-0083	LF	36" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	117.51	
		For Up To 75, Add	*24.68*	
		For >75 To 150, Add	*11.75*	
		For >500 To 1,000, Deduct	*-2.82*	
		For >1,000 To 2,000, Deduct	*-5.52*	
		For >2,000 To 5,000, Deduct	*-8.46*	
		For >5,000, Deduct	*-12.93*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0084	LF	42" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	137.09	
		For Up To 75, Add	*28.79*	
		For >75 To 150, Add	*13.71*	
		For >500 To 1,000, Deduct	*-3.29*	
		For >1,000 To 2,000, Deduct	*-6.44*	
		For >2,000 To 5,000, Deduct	*-9.87*	
		For >5,000, Deduct	*-15.08*	
33 01 30 71-0085	LF	48" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	156.68	
		For Up To 75, Add	*32.90*	
		For >75 To 150, Add	*15.67*	
		For >500 To 1,000, Deduct	*-3.76*	
		For >1,000 To 2,000, Deduct	*-7.37*	
		For >2,000 To 5,000, Deduct	*-11.28*	
		For >5,000, Deduct	*-17.24*	
33 01 30 71-0086	LF	54" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	176.26	
		For Up To 75, Add	*37.02*	
		For >75 To 150, Add	*17.63*	
		For >500 To 1,000, Deduct	*-4.23*	
		For >1,000 To 2,000, Deduct	*-8.29*	
		For >2,000 To 5,000, Deduct	*-12.69*	
		For >5,000, Deduct	*-19.39*	
33 01 30 71-0087	LF	60" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	195.85	
		For Up To 75, Add	*41.13*	
		For >75 To 150, Add	*19.59*	
		For >500 To 1,000, Deduct	*-4.70*	
		For >1,000 To 2,000, Deduct	*-9.21*	
		For >2,000 To 5,000, Deduct	*-14.10*	
		For >5,000, Deduct	*-21.55*	
33 01 30 71-0088	LF	66" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	215.43	
		For Up To 75, Add	*45.24*	
		For >75 To 150, Add	*21.54*	
		For >500 To 1,000, Deduct	*-5.17*	
		For >1,000 To 2,000, Deduct	*-10.13*	
		For >2,000 To 5,000, Deduct	*-15.51*	
		For >5,000, Deduct	*-23.70*	
33 01 30 71-0089	LF	72" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	235.02	
		For Up To 75, Add	*49.36*	
		For >75 To 150, Add	*23.50*	
		For >500 To 1,000, Deduct	*-5.64*	
		For >1,000 To 2,000, Deduct	*-11.05*	
		For >2,000 To 5,000, Deduct	*-16.92*	
		For >5,000, Deduct	*-25.85*	
33 01 30 71-0090	LF	78" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	254.61	
		For Up To 75, Add	*53.47*	
		For >75 To 150, Add	*25.46*	
		For >500 To 1,000, Deduct	*-6.11*	
		For >1,000 To 2,000, Deduct	*-11.97*	
		For >2,000 To 5,000, Deduct	*-18.33*	
		For >5,000, Deduct	*-28.01*	
33 01 30 71-0091	LF	84" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	274.18	
		For Up To 75, Add	*57.58*	
		For >75 To 150, Add	*27.42*	
		For >500 To 1,000, Deduct	*-6.58*	
		For >1,000 To 2,000, Deduct	*-12.89*	
		For >2,000 To 5,000, Deduct	*-19.74*	
		For >5,000, Deduct	*-30.16*	
33 01 30 71-0092	LF	90" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	293.77	
		For Up To 75, Add	*61.69*	
		For >75 To 150, Add	*29.38*	
		For >500 To 1,000, Deduct	*-7.05*	
		For >1,000 To 2,000, Deduct	*-13.81*	
		For >2,000 To 5,000, Deduct	*-21.15*	
		For >5,000, Deduct	*-32.32*	
33 01 30 71-0093	LF	96" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	313.35	
		For Up To 75, Add	*65.81*	
		For >75 To 150, Add	*31.34*	
		For >500 To 1,000, Deduct	*-7.52*	
		For >1,000 To 2,000, Deduct	*-14.73*	
		For >2,000 To 5,000, Deduct	*-22.56*	
		For >5,000, Deduct	*-34.47*	
33 01 30 71-0094	LF	102" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	332.93	
		For Up To 75, Add	*69.92*	
		For >75 To 150, Add	*33.29*	
		For >500 To 1,000, Deduct	*-7.99*	
		For >1,000 To 2,000, Deduct	*-15.65*	
		For >2,000 To 5,000, Deduct	*-23.97*	
		For >5,000, Deduct	*-36.63*	
33 01 30 71-0095	LF	108" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	352.53	
		For Up To 75, Add	*74.03*	
		For >75 To 150, Add	*35.25*	
		For >500 To 1,000, Deduct	*-8.46*	
		For >1,000 To 2,000, Deduct	*-16.57*	
		For >2,000 To 5,000, Deduct	*-25.39*	
		For >5,000, Deduct	*-38.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0096	LF	114" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	372.10	
		For Up To 75, Add	*78.14*	
		For >75 To 150, Add	*37.21*	
		For >500 To 1,000, Deduct	*-8.93*	
		For >1,000 To 2,000, Deduct	*-17.49*	
		For >2,000 To 5,000, Deduct	*-26.79*	
		For >5,000, Deduct	*-40.93*	
33 01 30 71-0097	LF	120" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	391.70	
		For Up To 75, Add	*82.26*	
		For >75 To 150, Add	*39.17*	
		For >500 To 1,000, Deduct	*-9.40*	
		For >1,000 To 2,000, Deduct	*-18.41*	
		For >2,000 To 5,000, Deduct	*-28.21*	
		For >5,000, Deduct	*-43.09*	
33 01 30 71-0098	SF	Structure Lining, Spray Applied With 250 mil Structural Polyurethane	12.47	
33 01 30 71-0099		Lining Pipe, Spray Applied With 300 mil Structural Polyurethane *(33 01 30 71-0028)*		
		Note: Two part structural polyurethane.		
33 01 30 71-0100	LF	36" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	137.61	
		For Up To 75, Add	*28.76*	
		For >75 To 150, Add	*13.76*	
		For >500 To 1,000, Deduct	*-3.25*	
		For >1,000 To 2,000, Deduct	*-6.37*	
		For >2,000 To 5,000, Deduct	*-9.74*	
		For >5,000, Deduct	*-15.00*	
33 01 30 71-0101	LF	42" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	160.55	
		For Up To 75, Add	*33.55*	
		For >75 To 150, Add	*16.06*	
		For >500 To 1,000, Deduct	*-3.79*	
		For >1,000 To 2,000, Deduct	*-7.43*	
		For >2,000 To 5,000, Deduct	*-11.37*	
		For >5,000, Deduct	*-17.50*	
33 01 30 71-0102	LF	48" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	183.49	
		For Up To 75, Add	*38.35*	
		For >75 To 150, Add	*18.35*	
		For >500 To 1,000, Deduct	*-4.33*	
		For >1,000 To 2,000, Deduct	*-8.50*	
		For >2,000 To 5,000, Deduct	*-12.99*	
		For >5,000, Deduct	*-20.00*	
33 01 30 71-0103	LF	54" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	206.42	
		For Up To 75, Add	*43.14*	
		For >75 To 150, Add	*20.64*	
		For >500 To 1,000, Deduct	*-4.87*	
		For >1,000 To 2,000, Deduct	*-9.56*	
		For >2,000 To 5,000, Deduct	*-14.61*	
		For >5,000, Deduct	*-22.50*	
33 01 30 71-0104	LF	60" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	229.36	
		For Up To 75, Add	*47.94*	
		For >75 To 150, Add	*22.94*	
		For >500 To 1,000, Deduct	*-5.41*	
		For >1,000 To 2,000, Deduct	*-10.62*	
		For >2,000 To 5,000, Deduct	*-16.24*	
		For >5,000, Deduct	*-25.00*	
33 01 30 71-0105	LF	66" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	252.29	
		For Up To 75, Add	*52.73*	
		For >75 To 150, Add	*25.23*	
		For >500 To 1,000, Deduct	*-5.95*	
		For >1,000 To 2,000, Deduct	*-11.68*	
		For >2,000 To 5,000, Deduct	*-17.86*	
		For >5,000, Deduct	*-27.50*	
33 01 30 71-0106	LF	72" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	275.23	
		For Up To 75, Add	*57.52*	
		For >75 To 150, Add	*27.52*	
		For >500 To 1,000, Deduct	*-6.50*	
		For >1,000 To 2,000, Deduct	*-12.74*	
		For >2,000 To 5,000, Deduct	*-19.49*	
		For >5,000, Deduct	*-30.00*	
33 01 30 71-0107	LF	78" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	298.16	
		For Up To 75, Add	*62.31*	
		For >75 To 150, Add	*29.82*	
		For >500 To 1,000, Deduct	*-7.04*	
		For >1,000 To 2,000, Deduct	*-13.80*	
		For >2,000 To 5,000, Deduct	*-21.11*	
		For >5,000, Deduct	*-32.50*	
33 01 30 71-0108	LF	84" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	321.09	
		For Up To 75, Add	*67.11*	
		For >75 To 150, Add	*32.11*	
		For >500 To 1,000, Deduct	*-7.58*	
		For >1,000 To 2,000, Deduct	*-14.87*	
		For >2,000 To 5,000, Deduct	*-22.73*	
		For >5,000, Deduct	*-35.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0109	LF	90" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	344.04	
		For Up To 75, Add	*71.90*	
		For >75 To 150, Add	*34.40*	
		For >500 To 1,000, Deduct	*-8.12*	
		For >1,000 To 2,000, Deduct	*-15.93*	
		For >2,000 To 5,000, Deduct	*-24.36*	
		For >5,000, Deduct	*-37.50*	
33 01 30 71-0110	LF	96" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	366.96	
		For Up To 75, Add	*76.69*	
		For >75 To 150, Add	*36.70*	
		For >500 To 1,000, Deduct	*-8.66*	
		For >1,000 To 2,000, Deduct	*-16.99*	
		For >2,000 To 5,000, Deduct	*-25.98*	
		For >5,000, Deduct	*-40.00*	
33 01 30 71-0111	LF	102" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	389.91	
		For Up To 75, Add	*81.49*	
		For >75 To 150, Add	*38.99*	
		For >500 To 1,000, Deduct	*-9.20*	
		For >1,000 To 2,000, Deduct	*-18.05*	
		For >2,000 To 5,000, Deduct	*-27.60*	
		For >5,000, Deduct	*-42.50*	
33 01 30 71-0112	LF	108" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	412.84	
		For Up To 75, Add	*86.28*	
		For >75 To 150, Add	*41.28*	
		For >500 To 1,000, Deduct	*-9.74*	
		For >1,000 To 2,000, Deduct	*-19.11*	
		For >2,000 To 5,000, Deduct	*-29.23*	
		For >5,000, Deduct	*-45.00*	
33 01 30 71-0113	LF	114" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	435.78	
		For Up To 75, Add	*91.08*	
		For >75 To 150, Add	*43.58*	
		For >500 To 1,000, Deduct	*-10.28*	
		For >1,000 To 2,000, Deduct	*-20.18*	
		For >2,000 To 5,000, Deduct	*-30.85*	
		For >5,000, Deduct	*-47.50*	
33 01 30 71-0114	LF	120" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	458.71	
		For Up To 75, Add	*95.87*	
		For >75 To 150, Add	*45.87*	
		For >500 To 1,000, Deduct	*-10.82*	
		For >1,000 To 2,000, Deduct	*-21.24*	
		For >2,000 To 5,000, Deduct	*-32.47*	
		For >5,000, Deduct	*-50.00*	
33 01 30 71-0115	SF	Structure Lining, Spray Applied With 300 mil Structural Polyurethane	14.59	

33 01 30 71-0116 Lining Pipe, Spray Applied With 400 mil Structural Polyurethane *(33 01 30 71-0028)*

Note: Two part structural polyurethane.

33 01 30 71-0117	LF	36" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	177.89	
		For Up To 75, Add	*36.95*	
		For >75 To 150, Add	*17.79*	
		For >500 To 1,000, Deduct	*-4.11*	
		For >1,000 To 2,000, Deduct	*-8.08*	
		For >2,000 To 5,000, Deduct	*-12.32*	
		For >5,000, Deduct	*-19.16*	
33 01 30 71-0118	LF	42" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	207.54	
		For Up To 75, Add	*43.11*	
		For >75 To 150, Add	*20.75*	
		For >500 To 1,000, Deduct	*-4.79*	
		For >1,000 To 2,000, Deduct	*-9.43*	
		For >2,000 To 5,000, Deduct	*-14.38*	
		For >5,000, Deduct	*-22.36*	
33 01 30 71-0119	LF	48" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	237.18	
		For Up To 75, Add	*49.27*	
		For >75 To 150, Add	*23.72*	
		For >500 To 1,000, Deduct	*-5.48*	
		For >1,000 To 2,000, Deduct	*-10.77*	
		For >2,000 To 5,000, Deduct	*-16.43*	
		For >5,000, Deduct	*-25.55*	
33 01 30 71-0120	LF	54" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	266.84	
		For Up To 75, Add	*55.43*	
		For >75 To 150, Add	*26.68*	
		For >500 To 1,000, Deduct	*-6.16*	
		For >1,000 To 2,000, Deduct	*-12.12*	
		For >2,000 To 5,000, Deduct	*-18.49*	
		For >5,000, Deduct	*-28.75*	
33 01 30 71-0121	LF	60" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	296.48	
		For Up To 75, Add	*61.59*	
		For >75 To 150, Add	*29.65*	
		For >500 To 1,000, Deduct	*-6.85*	
		For >1,000 To 2,000, Deduct	*-13.46*	
		For >2,000 To 5,000, Deduct	*-20.54*	
		For >5,000, Deduct	*-31.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0122	LF	66" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	326.13	
		For Up To 75, Add	*67.75*	
		For >75 To 150, Add	*32.61*	
		For >500 To 1,000, Deduct	*-7.53*	
		For >1,000 To 2,000, Deduct	*-14.81*	
		For >2,000 To 5,000, Deduct	*-22.59*	
		For >5,000, Deduct	*-35.14*	
33 01 30 71-0123	LF	72" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	355.77	
		For Up To 75, Add	*73.91*	
		For >75 To 150, Add	*35.58*	
		For >500 To 1,000, Deduct	*-8.22*	
		For >1,000 To 2,000, Deduct	*-16.16*	
		For >2,000 To 5,000, Deduct	*-24.65*	
		For >5,000, Deduct	*-38.33*	
33 01 30 71-0124	LF	78" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	385.44	
		For Up To 75, Add	*80.07*	
		For >75 To 150, Add	*38.54*	
		For >500 To 1,000, Deduct	*-8.90*	
		For >1,000 To 2,000, Deduct	*-17.50*	
		For >2,000 To 5,000, Deduct	*-26.70*	
		For >5,000, Deduct	*-41.53*	
33 01 30 71-0125	LF	84" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	415.07	
		For Up To 75, Add	*86.22*	
		For >75 To 150, Add	*41.51*	
		For >500 To 1,000, Deduct	*-9.59*	
		For >1,000 To 2,000, Deduct	*-18.85*	
		For >2,000 To 5,000, Deduct	*-28.76*	
		For >5,000, Deduct	*-44.72*	
33 01 30 71-0126	LF	90" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	444.72	
		For Up To 75, Add	*92.38*	
		For >75 To 150, Add	*44.47*	
		For >500 To 1,000, Deduct	*-10.27*	
		For >1,000 To 2,000, Deduct	*-20.20*	
		For >2,000 To 5,000, Deduct	*-30.81*	
		For >5,000, Deduct	*-47.91*	
33 01 30 71-0127	LF	96" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	474.37	
		For Up To 75, Add	*98.54*	
		For >75 To 150, Add	*47.44*	
		For >500 To 1,000, Deduct	*-10.95*	
		For >1,000 To 2,000, Deduct	*-21.54*	
		For >2,000 To 5,000, Deduct	*-32.86*	
		For >5,000, Deduct	*-51.11*	
33 01 30 71-0128	LF	102" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	504.03	
		For Up To 75, Add	*104.70*	
		For >75 To 150, Add	*50.40*	
		For >500 To 1,000, Deduct	*-11.64*	
		For >1,000 To 2,000, Deduct	*-22.89*	
		For >2,000 To 5,000, Deduct	*-34.92*	
		For >5,000, Deduct	*-54.30*	
33 01 30 71-0129	LF	108" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	533.66	
		For Up To 75, Add	*110.86*	
		For >75 To 150, Add	*53.37*	
		For >500 To 1,000, Deduct	*-12.32*	
		For >1,000 To 2,000, Deduct	*-24.23*	
		For >2,000 To 5,000, Deduct	*-36.97*	
		For >5,000, Deduct	*-57.49*	
33 01 30 71-0130	LF	114" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	563.31	
		For Up To 75, Add	*117.02*	
		For >75 To 150, Add	*56.33*	
		For >500 To 1,000, Deduct	*-13.01*	
		For >1,000 To 2,000, Deduct	*-25.58*	
		For >2,000 To 5,000, Deduct	*-39.03*	
		For >5,000, Deduct	*-60.69*	
33 01 30 71-0131	LF	120" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	592.97	
		For Up To 75, Add	*123.18*	
		For >75 To 150, Add	*59.30*	
		For >500 To 1,000, Deduct	*-13.69*	
		For >1,000 To 2,000, Deduct	*-26.93*	
		For >2,000 To 5,000, Deduct	*-41.08*	
		For >5,000, Deduct	*-63.88*	
33 01 30 71-0132	SF	Structure Lining, Spray Applied With 400 mil Structural Polyurethane	18.88	

33 01 30 71-0133 Lining Pipe, Spray Applied With 500 mil Structural Polyurethane *(33 01 30 71-0028)*

Note: Two part structural polyurethane.

33 01 30 71-0134	LF	36" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	218.54	
		For Up To 75, Add	*45.24*	
		For >75 To 150, Add	*21.85*	
		For >500 To 1,000, Deduct	*-4.98*	
		For >1,000 To 2,000, Deduct	*-9.81*	
		For >2,000 To 5,000, Deduct	*-14.95*	
		For >5,000, Deduct	*-23.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0135	LF	42" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	254.96	
		For Up To 75, Add	*52.78*	
		For >75 To 150, Add	*25.50*	
		For >500 To 1,000, Deduct	*-5.81*	
		For >1,000 To 2,000, Deduct	*-11.45*	
		For >2,000 To 5,000, Deduct	*-17.44*	
		For >5,000, Deduct	*-27.28*	
33 01 30 71-0136	LF	48" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	291.38	
		For Up To 75, Add	*60.31*	
		For >75 To 150, Add	*29.14*	
		For >500 To 1,000, Deduct	*-6.64*	
		For >1,000 To 2,000, Deduct	*-13.08*	
		For >2,000 To 5,000, Deduct	*-19.93*	
		For >5,000, Deduct	*-31.18*	
33 01 30 71-0137	LF	54" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	327.81	
		For Up To 75, Add	*67.85*	
		For >75 To 150, Add	*32.78*	
		For >500 To 1,000, Deduct	*-7.47*	
		For >1,000 To 2,000, Deduct	*-14.72*	
		For >2,000 To 5,000, Deduct	*-22.42*	
		For >5,000, Deduct	*-35.07*	
33 01 30 71-0138	LF	60" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	364.24	
		For Up To 75, Add	*75.40*	
		For >75 To 150, Add	*36.42*	
		For >500 To 1,000, Deduct	*-8.30*	
		For >1,000 To 2,000, Deduct	*-16.35*	
		For >2,000 To 5,000, Deduct	*-24.91*	
		For >5,000, Deduct	*-38.97*	
33 01 30 71-0139	LF	66" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	400.65	
		For Up To 75, Add	*82.93*	
		For >75 To 150, Add	*40.07*	
		For >500 To 1,000, Deduct	*-9.13*	
		For >1,000 To 2,000, Deduct	*-17.99*	
		For >2,000 To 5,000, Deduct	*-27.40*	
		For >5,000, Deduct	*-42.87*	
33 01 30 71-0140	LF	72" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	437.08	
		For Up To 75, Add	*90.47*	
		For >75 To 150, Add	*43.71*	
		For >500 To 1,000, Deduct	*-9.96*	
		For >1,000 To 2,000, Deduct	*-19.62*	
		For >2,000 To 5,000, Deduct	*-29.89*	
		For >5,000, Deduct	*-46.77*	
33 01 30 71-0141	LF	78" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	473.50	
		For Up To 75, Add	*98.01*	
		For >75 To 150, Add	*47.35*	
		For >500 To 1,000, Deduct	*-10.79*	
		For >1,000 To 2,000, Deduct	*-21.26*	
		For >2,000 To 5,000, Deduct	*-32.38*	
		For >5,000, Deduct	*-50.66*	
33 01 30 71-0142	LF	84" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	509.92	
		For Up To 75, Add	*105.55*	
		For >75 To 150, Add	*50.99*	
		For >500 To 1,000, Deduct	*-11.62*	
		For >1,000 To 2,000, Deduct	*-22.89*	
		For >2,000 To 5,000, Deduct	*-34.87*	
		For >5,000, Deduct	*-54.56*	
33 01 30 71-0143	LF	90" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	546.35	
		For Up To 75, Add	*113.09*	
		For >75 To 150, Add	*54.64*	
		For >500 To 1,000, Deduct	*-12.46*	
		For >1,000 To 2,000, Deduct	*-24.53*	
		For >2,000 To 5,000, Deduct	*-37.37*	
		For >5,000, Deduct	*-58.46*	
33 01 30 71-0144	LF	96" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	582.78	
		For Up To 75, Add	*120.63*	
		For >75 To 150, Add	*58.28*	
		For >500 To 1,000, Deduct	*-13.29*	
		For >1,000 To 2,000, Deduct	*-26.16*	
		For >2,000 To 5,000, Deduct	*-39.86*	
		For >5,000, Deduct	*-62.35*	
33 01 30 71-0145	LF	102" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	619.19	
		For Up To 75, Add	*128.17*	
		For >75 To 150, Add	*61.92*	
		For >500 To 1,000, Deduct	*-14.12*	
		For >1,000 To 2,000, Deduct	*-27.80*	
		For >2,000 To 5,000, Deduct	*-42.35*	
		For >5,000, Deduct	*-66.25*	
33 01 30 71-0146	LF	108" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	655.62	
		For Up To 75, Add	*135.71*	
		For >75 To 150, Add	*65.56*	
		For >500 To 1,000, Deduct	*-14.95*	
		For >1,000 To 2,000, Deduct	*-29.43*	
		For >2,000 To 5,000, Deduct	*-44.84*	
		For >5,000, Deduct	*-70.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0147	LF	114" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	692.04	
		For Up To 75, Add	*143.25*	
		For >75 To 150, Add	*69.20*	
		For >500 To 1,000, Deduct	*-15.78*	
		For >1,000 To 2,000, Deduct	*-31.07*	
		For >2,000 To 5,000, Deduct	*-47.33*	
		For >5,000, Deduct	*-74.04*	
33 01 30 71-0148	LF	120" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	728.46	
		For Up To 75, Add	*150.79*	
		For >75 To 150, Add	*72.85*	
		For >500 To 1,000, Deduct	*-16.61*	
		For >1,000 To 2,000, Deduct	*-32.70*	
		For >2,000 To 5,000, Deduct	*-49.82*	
		For >5,000, Deduct	*-77.94*	
33 01 30 71-0149	SF	Structure Lining, Spray Applied With 500 mil Structural Polyurethane	23.18	
33 01 30 71-0150		Lining Pipe With Rib Loc *(33 01 30 71-0001)*		
33 01 30 71-0151	LF	Lining 6" Pipe With Rib Loc	46.81	
		For >500 To 1,000, Deduct	*-1.17*	
		For >1,000 To 2,000, Deduct	*-2.29*	
		For >2,000 To 5,000, Deduct	*-3.52*	
		For >5,000, Deduct	*-5.27*	
33 01 30 71-0152	LF	Lining 8" Pipe With Rib Loc	52.11	
		For >500 To 1,000, Deduct	*-1.30*	
		For >1,000 To 2,000, Deduct	*-2.53*	
		For >2,000 To 5,000, Deduct	*-3.89*	
		For >5,000, Deduct	*-5.85*	
33 01 30 71-0153	LF	Lining 10" Pipe With Rib Loc	72.70	
		For >500 To 1,000, Deduct	*-1.73*	
		For >1,000 To 2,000, Deduct	*-3.40*	
		For >2,000 To 5,000, Deduct	*-5.20*	
		For >5,000, Deduct	*-7.97*	
33 01 30 71-0154	LF	Lining 12" Pipe With Rib Loc	92.88	
		For >500 To 1,000, Deduct	*-2.16*	
		For >1,000 To 2,000, Deduct	*-4.25*	
		For >2,000 To 5,000, Deduct	*-6.49*	
		For >5,000, Deduct	*-10.06*	
33 01 30 71-0155	LF	Lining 15" Pipe With Rib Loc	124.05	
		For >500 To 1,000, Deduct	*-2.83*	
		For >1,000 To 2,000, Deduct	*-5.57*	
		For >2,000 To 5,000, Deduct	*-8.49*	
		For >5,000, Deduct	*-13.28*	
33 01 30 71-0156	LF	Lining 18" Pipe With Rib Loc	160.42	
		For >500 To 1,000, Deduct	*-3.60*	
		For >1,000 To 2,000, Deduct	*-7.10*	
		For >2,000 To 5,000, Deduct	*-10.80*	
		For >5,000, Deduct	*-17.03*	
33 01 30 71-0157	LF	Lining 21" Pipe With Rib Loc	201.93	
		For >500 To 1,000, Deduct	*-4.46*	
		For >1,000 To 2,000, Deduct	*-8.82*	
		For >2,000 To 5,000, Deduct	*-13.39*	
		For >5,000, Deduct	*-21.26*	
33 01 30 71-0158	LF	Lining 24" Pipe With Rib Loc	250.33	
		For >500 To 1,000, Deduct	*-5.47*	
		For >1,000 To 2,000, Deduct	*-10.83*	
		For >2,000 To 5,000, Deduct	*-16.41*	
		For >5,000, Deduct	*-26.20*	
33 01 30 71-0159	LF	Lining 27" Pipe With Rib Loc	300.20	
		For >500 To 1,000, Deduct	*-6.52*	
		For >1,000 To 2,000, Deduct	*-12.90*	
		For >2,000 To 5,000, Deduct	*-19.55*	
		For >5,000, Deduct	*-31.30*	
33 01 30 71-0160	LF	Lining 30" Pipe With Rib Loc	356.42	
		For >500 To 1,000, Deduct	*-7.70*	
		For >1,000 To 2,000, Deduct	*-15.25*	
		For >2,000 To 5,000, Deduct	*-23.09*	
		For >5,000, Deduct	*-37.06*	
33 01 30 71-0161	LF	Lining 36" Pipe With Rib Loc	455.12	
		For >500 To 1,000, Deduct	*-9.74*	
		For >1,000 To 2,000, Deduct	*-19.32*	
		For >2,000 To 5,000, Deduct	*-29.22*	
		For >5,000, Deduct	*-47.11*	
33 01 30 71-0162	LF	Lining 42" Pipe With Rib Loc	567.24	
		For >500 To 1,000, Deduct	*-12.08*	
		For >1,000 To 2,000, Deduct	*-23.97*	
		For >2,000 To 5,000, Deduct	*-36.23*	
		For >5,000, Deduct	*-58.55*	
33 01 30 71-0163	LF	Lining 48" Pipe With Rib Loc	694.62	
		For >500 To 1,000, Deduct	*-14.74*	
		For >1,000 To 2,000, Deduct	*-29.28*	
		For >2,000 To 5,000, Deduct	*-44.23*	
		For >5,000, Deduct	*-71.59*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0164	LF	Lining 54" Pipe With Rib Loc	821.32	
		For >500 To 1,000, Deduct	*-17.45*	
		For >1,000 To 2,000, Deduct	*-34.64*	
		For >2,000 To 5,000, Deduct	*-52.35*	
		For >5,000, Deduct	*-84.69*	
33 01 30 71-0165	LF	Lining 60" Pipe With Rib Loc	968.29	
		For >500 To 1,000, Deduct	*-20.76*	
		For >1,000 To 2,000, Deduct	*-41.17*	
		For >2,000 To 5,000, Deduct	*-62.28*	
		For >5,000, Deduct	*-100.32*	
33 01 30 71-0166	LF	Lining 66" Pipe With Rib Loc	1,147.40	
		For >500 To 1,000, Deduct	*-25.14*	
		For >1,000 To 2,000, Deduct	*-49.73*	
		For >2,000 To 5,000, Deduct	*-75.42*	
		For >5,000, Deduct	*-120.22*	
33 01 30 71-0167	LF	Lining 72" Pipe With Rib Loc	1,380.53	
		For >500 To 1,000, Deduct	*-31.45*	
		For >1,000 To 2,000, Deduct	*-61.93*	
		For >2,000 To 5,000, Deduct	*-94.34*	
		For >5,000, Deduct	*-147.64*	

33 01 30 72 Cured-in-Place Pipe Lining *(33 01 30)*

33 01 30 72-0001 Cured-In-Place Pipe (CIPP) Relining Underground Pipelines *(33 01 30 72)*

Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.

33 01 30 72-0002 Cured In-Place Pipe (CIPP) Lining Set-Up And Reinsertion *(33 01 30 72-0001)*

33 01 30 72-0003	EA	Initial Set Up And Final Equipment Removal For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP)	1,533.79
33 01 30 72-0004	EA	Initial Set Up And Final Equipment Removal For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP)	2,556.33
33 01 30 72-0005	EA	Initial Set Up And Final Equipment Removal For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP)	3,834.48
33 01 30 72-0006	EA	Initial Set Up And Final Equipment Removal For Relining > 48" Underground Pipelines Cured In-Place Pipe (CIPP)	5,112.65
33 01 30 72-0007	EA	Move And Reset Up At Different Access/Location For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP)	766.90
33 01 30 72-0008	EA	Move And Reset Up At Different Access/Location For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP)	1,278.16
33 01 30 72-0009	EA	Move And Reset Up At Different Access/Location For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP)	1,597.70
33 01 30 72-0010	EA	Move And Reset Up At Different Access/Location For Relining > 48" Underground Pipelines Cured In-Place Pipe (CIPP)	2,045.07
33 01 30 72-0011	EA	Mixing Truck And Refrigeration For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP) Note: Need to mix wet material in bag prior to installation.	1,278.16
33 01 30 72-0012	EA	Mixing Truck And Refrigeration For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP) Note: Need to mix wet material in bag prior to installation.	3,067.59
33 01 30 72-0013	EA	Mixing Truck And Refrigeration For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP) Note: Need to mix wet material in bag prior to installation.	5,112.65
33 01 30 72-0014	EA	Mixing Truck And Refrigeration For Relining >48" Underground Pipelines Cured In-Place Pipe (CIPP) Note: Need to mix wet material in bag prior to installation.	7,668.98

33 01 30 72-0015 Lining Pipe With Polyester Resin Impregnated Cured In-Place Pipe (CIPP)

(33 01 30 72-0001)

Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection, culvert cleaning and grouting. Use round equivalent pipe sizes for elliptical, oval or arched pipe.

33 01 30 72-0016 4.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0017	LF	4.5mm Lining 2" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	21.86	
		For Vinlyester Resin, Add	*5.91*	
		For Epoxy Resin, Add	*0.70*	
		For Up To >10, Add	*44.48*	
		For >10 To 25, Add	*35.66*	
		For >25 To 50, Add	*21.82*	
		For >50 To 100, Add	*10.91*	
		For >500 To 1,000, Deduct	*-1.43*	
		For >1,000 To 2,000, Deduct	*-2.31*	
		For >2,000 To 5,000, Deduct	*-4.37*	
		For >5,000, Deduct	*-7.06*	
33 01 30 72-0018	LF	4.5mm Lining 3" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	26.49	
		For Vinlyester Resin, Add	*9.15*	
		For Epoxy Resin, Add	*1.08*	
		For Up To >10, Add	*46.80*	
		For >10 To 25, Add	*36.82*	
		For >25 To 50, Add	*22.74*	
		For >50 To 100, Add	*11.37*	
		For >500 To 1,000, Deduct	*-1.66*	
		For >1,000 To 2,000, Deduct	*-2.66*	
		For >2,000 To 5,000, Deduct	*-4.92*	
		For >5,000, Deduct	*-7.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0019	LF	4.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	31.11	
		For Vinlyester Resin, Add	*12.38*	
		For Epoxy Resin, Add	*1.46*	
		For Up To >10, Add	*49.11*	
		For >10 To 25, Add	*37.97*	
		For >25 To 50, Add	*23.67*	
		For >50 To 100, Add	*11.83*	
		For >500 To 1,000, Deduct	*-1.89*	
		For >1,000 To 2,000, Deduct	*-3.00*	
		For >2,000 To 5,000, Deduct	*-5.48*	
		For >5,000, Deduct	*-8.91*	
33 01 30 72-0020	LF	4.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	41.65	
		For Vinlyester Resin, Add	*18.87*	
		For Epoxy Resin, Add	*2.22*	
		For Up To >10, Add	*57.58*	
		For >10 To 25, Add	*43.49*	
		For >25 To 50, Add	*27.44*	
		For >50 To 100, Add	*13.72*	
		For >500 To 1,000, Deduct	*-2.45*	
		For >1,000 To 2,000, Deduct	*-3.86*	
		For >2,000 To 5,000, Deduct	*-6.91*	
		For >5,000, Deduct	*-11.27*	
33 01 30 72-0021	LF	4.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	52.18	
		For Vinlyester Resin, Add	*25.35*	
		For Epoxy Resin, Add	*2.99*	
		For Up To >10, Add	*66.02*	
		For >10 To 25, Add	*48.98*	
		For >25 To 50, Add	*31.20*	
		For >50 To 100, Add	*15.60*	
		For >500 To 1,000, Deduct	*-3.01*	
		For >1,000 To 2,000, Deduct	*-4.71*	
		For >2,000 To 5,000, Deduct	*-8.34*	
		For >5,000, Deduct	*-13.63*	

33 01 30 72-0022 6mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0023	LF	6mm Lining 3" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	30.48	
		For Vinlyester Resin, Add	*11.94*	
		For Epoxy Resin, Add	*1.41*	
		For Up To >10, Add	*48.79*	
		For >10 To 25, Add	*37.82*	
		For >25 To 50, Add	*23.54*	
		For >50 To 100, Add	*11.77*	
		For >500 To 1,000, Deduct	*-1.86*	
		For >1,000 To 2,000, Deduct	*-2.96*	
		For >2,000 To 5,000, Deduct	*-5.40*	
		For >5,000, Deduct	*-8.78*	
33 01 30 72-0024	LF	6mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	36.65	
		For Vinlyester Resin, Add	*16.26*	
		For Epoxy Resin, Add	*1.92*	
		For Up To >10, Add	*51.88*	
		For >10 To 25, Add	*39.36*	
		For >25 To 50, Add	*24.78*	
		For >50 To 100, Add	*12.39*	
		For >500 To 1,000, Deduct	*-2.17*	
		For >1,000 To 2,000, Deduct	*-3.42*	
		For >2,000 To 5,000, Deduct	*-6.14*	
		For >5,000, Deduct	*-10.01*	
33 01 30 72-0025	LF	6mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	50.27	
		For Vinlyester Resin, Add	*24.90*	
		For Epoxy Resin, Add	*2.93*	
		For Up To >10, Add	*61.89*	
		For >10 To 25, Add	*45.64*	
		For >25 To 50, Add	*29.16*	
		For >50 To 100, Add	*14.58*	
		For >500 To 1,000, Deduct	*-2.88*	
		For >1,000 To 2,000, Deduct	*-4.51*	
		For >2,000 To 5,000, Deduct	*-7.94*	
		For >5,000, Deduct	*-12.99*	
33 01 30 72-0026	LF	6mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	63.88	
		For Vinlyester Resin, Add	*33.54*	
		For Epoxy Resin, Add	*3.95*	
		For Up To >10, Add	*71.87*	
		For >10 To 25, Add	*51.90*	
		For >25 To 50, Add	*33.54*	
		For >50 To 100, Add	*16.77*	
		For >500 To 1,000, Deduct	*-3.59*	
		For >1,000 To 2,000, Deduct	*-5.59*	
		For >2,000 To 5,000, Deduct	*-9.74*	
		For >5,000, Deduct	*-15.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0027	LF	6mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	77.64	
		For Vinlyester Resin, Add	*42.18*	
		For Epoxy Resin, Add	*4.97*	
		For Up To >10, Add	*82.27*	
		For >10 To 25, Add	*58.52*	
		For >25 To 50, Add	*38.12*	
		For >50 To 100, Add	*19.06*	
		For >500 To 1,000, Deduct	*-4.32*	
		For >1,000 To 2,000, Deduct	*-6.69*	
		For >2,000 To 5,000, Deduct	*-11.58*	
		For >5,000, Deduct	*-19.00*	
33 01 30 72-0028	LF	6mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	91.77	
		For Vinlyester Resin, Add	*50.82*	
		For Epoxy Resin, Add	*5.99*	
		For Up To >10, Add	*93.81*	
		For >10 To 25, Add	*66.08*	
		For >25 To 50, Add	*43.28*	
		For >50 To 100, Add	*21.64*	
		For >500 To 1,000, Deduct	*-5.07*	
		For >1,000 To 2,000, Deduct	*-7.84*	
		For >2,000 To 5,000, Deduct	*-13.50*	
		For >5,000, Deduct	*-22.19*	

33 01 30 72-0029 7.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0030	LF	7.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	42.00	
		For Vinlyester Resin, Add	*20.01*	
		For Epoxy Resin, Add	*2.36*	
		For Up To >10, Add	*54.55*	
		For >10 To 25, Add	*40.70*	
		For >25 To 50, Add	*25.85*	
		For >50 To 100, Add	*12.92*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000 To 2,000, Deduct	*-3.82*	
		For >2,000 To 5,000, Deduct	*-6.78*	
		For >5,000, Deduct	*-11.08*	
33 01 30 72-0031	LF	7.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	58.70	
		For Vinlyester Resin, Add	*30.80*	
		For Epoxy Resin, Add	*3.63*	
		For Up To >10, Add	*66.10*	
		For >10 To 25, Add	*47.75*	
		For >25 To 50, Add	*30.85*	
		For >50 To 100, Add	*15.43*	
		For >500 To 1,000, Deduct	*-3.30*	
		For >1,000 To 2,000, Deduct	*-5.14*	
		For >2,000 To 5,000, Deduct	*-8.96*	
		For >5,000, Deduct	*-14.68*	
33 01 30 72-0032	LF	7.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	75.41	
		For Vinlyester Resin, Add	*41.61*	
		For Epoxy Resin, Add	*4.90*	
		For Up To >10, Add	*77.63*	
		For >10 To 25, Add	*54.79*	
		For >25 To 50, Add	*35.84*	
		For >50 To 100, Add	*17.92*	
		For >500 To 1,000, Deduct	*-4.17*	
		For >1,000 To 2,000, Deduct	*-6.45*	
		For >2,000 To 5,000, Deduct	*-11.13*	
		For >5,000, Deduct	*-18.28*	
33 01 30 72-0033	LF	7.5mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	92.24	
		For Vinlyester Resin, Add	*52.40*	
		For Epoxy Resin, Add	*6.18*	
		For Up To >10, Add	*89.57*	
		For >10 To 25, Add	*62.17*	
		For >25 To 50, Add	*41.04*	
		For >50 To 100, Add	*20.52*	
		For >500 To 1,000, Deduct	*-5.05*	
		For >1,000 To 2,000, Deduct	*-7.79*	
		For >2,000 To 5,000, Deduct	*-13.33*	
		For >5,000, Deduct	*-21.92*	
33 01 30 72-0034	LF	7.5mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	109.46	
		For Vinlyester Resin, Add	*63.20*	
		For Epoxy Resin, Add	*7.45*	
		For Up To >10, Add	*102.66*	
		For >10 To 25, Add	*70.50*	
		For >25 To 50, Add	*46.81*	
		For >50 To 100, Add	*23.41*	
		For >500 To 1,000, Deduct	*-5.95*	
		For >1,000 To 2,000, Deduct	*-9.17*	
		For >2,000 To 5,000, Deduct	*-15.63*	
		For >5,000, Deduct	*-25.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0035	LF	7.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	135.17	
		For Vinlyester Resin, Add	*79.41*	
		For Epoxy Resin, Add	*9.36*	
		For Up To >10, Add	*121.91*	
		For >10 To 25, Add	*82.69*	
		For >25 To 50, Add	*55.28*	
		For >50 To 100, Add	*27.64*	
		For >500 To 1,000, Deduct	*-7.30*	
		For >1,000 To 2,000, Deduct	*-11.22*	
		For >2,000 To 5,000, Deduct	*-19.05*	
		For >5,000, Deduct	*-31.38*	
33 01 30 72-0036	LF	7.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	161.11	
		For Vinlyester Resin, Add	*95.60*	
		For Epoxy Resin, Add	*11.27*	
		For Up To >10, Add	*141.91*	
		For >10 To 25, Add	*95.49*	
		For >25 To 50, Add	*64.12*	
		For >50 To 100, Add	*32.06*	
		For >500 To 1,000, Deduct	*-8.67*	
		For >1,000 To 2,000, Deduct	*-13.31*	
		For >2,000 To 5,000, Deduct	*-22.52*	
		For >5,000, Deduct	*-37.13*	
33 01 30 72-0037		9mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*		
33 01 30 72-0038	LF	9mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	66.96	
		For Vinlyester Resin, Add	*36.58*	
		For Epoxy Resin, Add	*4.31*	
		For Up To >10, Add	*70.23*	
		For >10 To 25, Add	*49.82*	
		For >25 To 50, Add	*32.50*	
		For >50 To 100, Add	*16.25*	
		For >500 To 1,000, Deduct	*-3.72*	
		For >1,000 To 2,000, Deduct	*-5.76*	
		For >2,000 To 5,000, Deduct	*-9.95*	
		For >5,000, Deduct	*-16.33*	
33 01 30 72-0039	LF	9mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	86.74	
		For Vinlyester Resin, Add	*49.54*	
		For Epoxy Resin, Add	*5.84*	
		For Up To >10, Add	*83.30*	
		For >10 To 25, Add	*57.62*	
		For >25 To 50, Add	*38.11*	
		For >50 To 100, Add	*19.05*	
		For >500 To 1,000, Deduct	*-4.74*	
		For >1,000 To 2,000, Deduct	*-7.30*	
		For >2,000 To 5,000, Deduct	*-12.48*	
		For >5,000, Deduct	*-20.54*	
33 01 30 72-0040	LF	9mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	106.67	
		For Vinlyester Resin, Add	*62.50*	
		For Epoxy Resin, Add	*7.37*	
		For Up To >10, Add	*96.79*	
		For >10 To 25, Add	*65.77*	
		For >25 To 50, Add	*43.93*	
		For >50 To 100, Add	*21.96*	
		For >500 To 1,000, Deduct	*-5.77*	
		For >1,000 To 2,000, Deduct	*-8.87*	
		For >2,000 To 5,000, Deduct	*-15.06*	
		For >5,000, Deduct	*-24.81*	
33 01 30 72-0041	LF	9mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	126.97	
		For Vinlyester Resin, Add	*75.46*	
		For Epoxy Resin, Add	*8.89*	
		For Up To >10, Add	*111.41*	
		For >10 To 25, Add	*74.88*	
		For >25 To 50, Add	*50.32*	
		For >50 To 100, Add	*25.16*	
		For >500 To 1,000, Deduct	*-6.83*	
		For >1,000 To 2,000, Deduct	*-10.48*	
		For >2,000 To 5,000, Deduct	*-17.73*	
		For >5,000, Deduct	*-29.23*	
33 01 30 72-0042	LF	9mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	157.31	
		For Vinlyester Resin, Add	*94.91*	
		For Epoxy Resin, Add	*11.19*	
		For Up To >10, Add	*132.98*	
		For >10 To 25, Add	*88.22*	
		For >25 To 50, Add	*59.71*	
		For >50 To 100, Add	*29.86*	
		For >500 To 1,000, Deduct	*-8.41*	
		For >1,000 To 2,000, Deduct	*-12.88*	
		For >2,000 To 5,000, Deduct	*-21.70*	
		For >5,000, Deduct	*-35.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0043	LF	9mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	187.88	
		For Vinlyester Resin, Add	*114.34*	
		For Epoxy Resin, Add	*13.48*	
		For Up To >10, Add	*155.29*	
		For >10 To 25, Add	*102.19*	
		For >25 To 50, Add	*69.48*	
		For >50 To 100, Add	*34.74*	
		For >500 To 1,000, Deduct	*-10.01*	
		For >1,000 To 2,000, Deduct	*-15.32*	
		For >2,000 To 5,000, Deduct	*-25.74*	
		For >5,000, Deduct	*-42.48*	
33 01 30 72-0044	LF	9mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	217.70	
		For Vinlyester Resin, Add	*133.78*	
		For Epoxy Resin, Add	*15.77*	
		For Up To >10, Add	*175.33*	
		For >10 To 25, Add	*114.25*	
		For >25 To 50, Add	*78.11*	
		For >50 To 100, Add	*39.05*	
		For >500 To 1,000, Deduct	*-11.55*	
		For >1,000 To 2,000, Deduct	*-17.66*	
		For >2,000 To 5,000, Deduct	*-29.58*	
		For >5,000, Deduct	*-48.86*	
33 01 30 72-0045	LF	9mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	247.90	
		For Vinlyester Resin, Add	*153.22*	
		For Epoxy Resin, Add	*18.06*	
		For Up To >10, Add	*196.48*	
		For >10 To 25, Add	*127.25*	
		For >25 To 50, Add	*87.29*	
		For >50 To 100, Add	*43.65*	
		For >500 To 1,000, Deduct	*-13.12*	
		For >1,000 To 2,000, Deduct	*-20.04*	
		For >2,000 To 5,000, Deduct	*-33.52*	
		For >5,000, Deduct	*-55.38*	
33 01 30 72-0046		10.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*		
33 01 30 72-0047	LF	10.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	179.26	
		For Vinlyester Resin, Add	*110.27*	
		For Epoxy Resin, Add	*13.00*	
		For Up To >10, Add	*143.96*	
		For >10 To 25, Add	*93.71*	
		For >25 To 50, Add	*64.10*	
		For >50 To 100, Add	*32.05*	
		For >500 To 1,000, Deduct	*-9.51*	
		For >1,000 To 2,000, Deduct	*-14.53*	
		For >2,000 To 5,000, Deduct	*-24.34*	
		For >5,000, Deduct	*-40.20*	
33 01 30 72-0048	LF	10.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	214.47	
		For Vinlyester Resin, Add	*132.95*	
		For Epoxy Resin, Add	*15.67*	
		For Up To >10, Add	*168.59*	
		For >10 To 25, Add	*108.83*	
		For >25 To 50, Add	*74.80*	
		For >50 To 100, Add	*37.40*	
		For >500 To 1,000, Deduct	*-11.34*	
		For >1,000 To 2,000, Deduct	*-17.31*	
		For >2,000 To 5,000, Deduct	*-28.93*	
		For >5,000, Deduct	*-47.80*	
33 01 30 72-0049	LF	10.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	248.92	
		For Vinlyester Resin, Add	*155.63*	
		For Epoxy Resin, Add	*18.34*	
		For Up To >10, Add	*190.94*	
		For >10 To 25, Add	*122.06*	
		For >25 To 50, Add	*84.35*	
		For >50 To 100, Add	*42.18*	
		For >500 To 1,000, Deduct	*-13.11*	
		For >1,000 To 2,000, Deduct	*-20.00*	
		For >2,000 To 5,000, Deduct	*-33.33*	
		For >5,000, Deduct	*-55.10*	
33 01 30 72-0050	LF	10.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	283.74	
		For Vinlyester Resin, Add	*178.31*	
		For Epoxy Resin, Add	*21.02*	
		For Up To >10, Add	*214.40*	
		For >10 To 25, Add	*136.21*	
		For >25 To 50, Add	*94.46*	
		For >50 To 100, Add	*47.23*	
		For >500 To 1,000, Deduct	*-14.91*	
		For >1,000 To 2,000, Deduct	*-22.73*	
		For >2,000 To 5,000, Deduct	*-37.82*	
		For >5,000, Deduct	*-62.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0051	LF	10.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	319.09	
		For Vinlyester Resin, Add	*200.99*	
		For Epoxy Resin, Add	*23.69*	
		For Up To >10, Add	*239.45*	
		For >10 To 25, Add	*151.68*	
		For >25 To 50, Add	*105.37*	
		For >50 To 100, Add	*52.68*	
		For >500 To 1,000, Deduct	*-16.75*	
		For >1,000 To 2,000, Deduct	*-25.53*	
		For >2,000 To 5,000, Deduct	*-42.45*	
		For >5,000, Deduct	*-70.21*	
33 01 30 72-0052	LF	10.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	355.06	
		For Vinlyester Resin, Add	*223.67*	
		For Epoxy Resin, Add	*26.36*	
		For Up To >10, Add	*266.36*	
		For >10 To 25, Add	*168.71*	
		For >25 To 50, Add	*117.20*	
		For >50 To 100, Add	*58.60*	
		For >500 To 1,000, Deduct	*-18.64*	
		For >1,000 To 2,000, Deduct	*-28.41*	
		For >2,000 To 5,000, Deduct	*-47.23*	
		For >5,000, Deduct	*-78.12*	
33 01 30 72-0053	LF	10.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	424.32	
		For Vinlyester Resin, Add	*269.02*	
		For Epoxy Resin, Add	*31.71*	
		For Up To >10, Add	*312.16*	
		For >10 To 25, Add	*196.08*	
		For >25 To 50, Add	*136.86*	
		For >50 To 100, Add	*68.43*	
		For >500 To 1,000, Deduct	*-22.22*	
		For >1,000 To 2,000, Deduct	*-33.82*	
		For >2,000 To 5,000, Deduct	*-56.12*	
		For >5,000, Deduct	*-92.86*	

33 01 30 72-0054 12mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0055	LF	12mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	201.03	
		For Vinlyester Resin, Add	*125.51*	
		For Epoxy Resin, Add	*14.79*	
		For Up To >10, Add	*154.84*	
		For >10 To 25, Add	*99.15*	
		For >25 To 50, Add	*68.46*	
		For >50 To 100, Add	*34.23*	
		For >500 To 1,000, Deduct	*-10.59*	
		For >1,000 To 2,000, Deduct	*-16.16*	
		For >2,000 To 5,000, Deduct	*-26.95*	
		For >5,000, Deduct	*-44.55*	
33 01 30 72-0056	LF	12mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	240.88	
		For Vinlyester Resin, Add	*151.44*	
		For Epoxy Resin, Add	*17.85*	
		For Up To >10, Add	*181.79*	
		For >10 To 25, Add	*115.44*	
		For >25 To 50, Add	*80.08*	
		For >50 To 100, Add	*40.04*	
		For >500 To 1,000, Deduct	*-12.66*	
		For >1,000 To 2,000, Deduct	*-19.29*	
		For >2,000 To 5,000, Deduct	*-32.10*	
		For >5,000, Deduct	*-53.08*	
33 01 30 72-0057	LF	12mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	279.95	
		For Vinlyester Resin, Add	*177.35*	
		For Epoxy Resin, Add	*20.90*	
		For Up To >10, Add	*206.45*	
		For >10 To 25, Add	*129.82*	
		For >25 To 50, Add	*90.56*	
		For >50 To 100, Add	*45.28*	
		For >500 To 1,000, Deduct	*-14.66*	
		For >1,000 To 2,000, Deduct	*-22.33*	
		For >2,000 To 5,000, Deduct	*-37.05*	
		For >5,000, Deduct	*-61.31*	
33 01 30 72-0058	LF	12mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	319.40	
		For Vinlyester Resin, Add	*203.27*	
		For Epoxy Resin, Add	*23.96*	
		For Up To >10, Add	*232.23*	
		For >10 To 25, Add	*145.12*	
		For >25 To 50, Add	*101.59*	
		For >50 To 100, Add	*50.80*	
		For >500 To 1,000, Deduct	*-16.70*	
		For >1,000 To 2,000, Deduct	*-25.41*	
		For >2,000 To 5,000, Deduct	*-42.10*	
		For >5,000, Deduct	*-69.68*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0059	LF	12mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	359.38	
		For Vinlyester Resin, Add	*229.19*	
		For Epoxy Resin, Add	*27.01*	
		For Up To >10, Add	*259.59*	
		For >10 To 25, Add	*161.76*	
		For >25 To 50, Add	*113.42*	
		For >50 To 100, Add	*56.71*	
		For >500 To 1,000, Deduct	*-18.77*	
		For >1,000 To 2,000, Deduct	*-28.55*	
		For >2,000 To 5,000, Deduct	*-47.28*	
		For >5,000, Deduct	*-78.27*	
33 01 30 72-0060	LF	12mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	399.97	
		For Vinlyester Resin, Add	*255.11*	
		For Epoxy Resin, Add	*30.07*	
		For Up To >10, Add	*288.81*	
		For >10 To 25, Add	*179.94*	
		For >25 To 50, Add	*126.18*	
		For >50 To 100, Add	*63.09*	
		For >500 To 1,000, Deduct	*-20.89*	
		For >1,000 To 2,000, Deduct	*-31.77*	
		For >2,000 To 5,000, Deduct	*-52.62*	
		For >5,000, Deduct	*-87.10*	
33 01 30 72-0061	LF	12mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	478.50	
		For Vinlyester Resin, Add	*306.95*	
		For Epoxy Resin, Add	*36.18*	
		For Up To >10, Add	*339.25*	
		For >10 To 25, Add	*209.63*	
		For >25 To 50, Add	*147.70*	
		For >50 To 100, Add	*73.85*	
		For >500 To 1,000, Deduct	*-24.93*	
		For >1,000 To 2,000, Deduct	*-37.89*	
		For >2,000 To 5,000, Deduct	*-62.62*	
		For >5,000, Deduct	*-103.70*	
33 01 30 72-0062	LF	12mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	558.18	
		For Vinlyester Resin, Add	*358.79*	
		For Epoxy Resin, Add	*42.29*	
		For Up To >10, Add	*393.17*	
		For >10 To 25, Add	*242.21*	
		For >25 To 50, Add	*170.96*	
		For >50 To 100, Add	*85.48*	
		For >500 To 1,000, Deduct	*-29.05*	
		For >1,000 To 2,000, Deduct	*-44.15*	
		For >2,000 To 5,000, Deduct	*-72.91*	
		For >5,000, Deduct	*-120.76*	
33 01 30 72-0063	LF	12mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	639.91	
		For Vinlyester Resin, Add	*410.63*	
		For Epoxy Resin, Add	*48.40*	
		For Up To >10, Add	*453.21*	
		For >10 To 25, Add	*279.90*	
		For >25 To 50, Add	*197.27*	
		For >50 To 100, Add	*98.64*	
		For >500 To 1,000, Deduct	*-33.33*	
		For >1,000 To 2,000, Deduct	*-50.66*	
		For >2,000 To 5,000, Deduct	*-83.72*	
		For >5,000, Deduct	*-138.64*	

33 01 30 72-0064 13.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0065	LF	13.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	222.63	
		For Vinlyester Resin, Add	*140.63*	
		For Epoxy Resin, Add	*16.57*	
		For Up To >10, Add	*165.64*	
		For >10 To 25, Add	*104.55*	
		For >25 To 50, Add	*72.78*	
		For >50 To 100, Add	*36.39*	
		For >500 To 1,000, Deduct	*-11.67*	
		For >1,000 To 2,000, Deduct	*-17.78*	
		For >2,000 To 5,000, Deduct	*-29.54*	
		For >5,000, Deduct	*-48.87*	
33 01 30 72-0066	LF	13.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	267.10	
		For Vinlyester Resin, Add	*169.79*	
		For Epoxy Resin, Add	*20.01*	
		For Up To >10, Add	*194.90*	
		For >10 To 25, Add	*121.99*	
		For >25 To 50, Add	*85.32*	
		For >50 To 100, Add	*42.66*	
		For >500 To 1,000, Deduct	*-13.97*	
		For >1,000 To 2,000, Deduct	*-21.26*	
		For >2,000 To 5,000, Deduct	*-35.24*	
		For >5,000, Deduct	*-58.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0067	LF	13.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	310.81	
		For Vinlyester Resin, Add	*198.95*	
		For Epoxy Resin, Add	*23.45*	
		For Up To >10, Add	*221.88*	
		For >10 To 25, Add	*137.53*	
		For >25 To 50, Add	*96.73*	
		For >50 To 100, Add	*48.36*	
		For >500 To 1,000, Deduct	*-16.21*	
		For >1,000 To 2,000, Deduct	*-24.64*	
		For >2,000 To 5,000, Deduct	*-40.75*	
		For >5,000, Deduct	*-67.48*	
33 01 30 72-0068	LF	13.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	354.88	
		For Vinlyester Resin, Add	*228.11*	
		For Epoxy Resin, Add	*26.88*	
		For Up To >10, Add	*249.97*	
		For >10 To 25, Add	*153.99*	
		For >25 To 50, Add	*108.69*	
		For >50 To 100, Add	*54.34*	
		For >500 To 1,000, Deduct	*-18.47*	
		For >1,000 To 2,000, Deduct	*-28.07*	
		For >2,000 To 5,000, Deduct	*-46.36*	
		For >5,000, Deduct	*-76.78*	
33 01 30 72-0069	LF	13.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	399.49	
		For Vinlyester Resin, Add	*257.27*	
		For Epoxy Resin, Add	*30.32*	
		For Up To >10, Add	*279.65*	
		For >10 To 25, Add	*171.78*	
		For >25 To 50, Add	*121.45*	
		For >50 To 100, Add	*60.72*	
		For >500 To 1,000, Deduct	*-20.77*	
		For >1,000 To 2,000, Deduct	*-31.56*	
		For >2,000 To 5,000, Deduct	*-52.09*	
		For >5,000, Deduct	*-86.29*	
33 01 30 72-0070	LF	13.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	444.71	
		For Vinlyester Resin, Add	*286.43*	
		For Epoxy Resin, Add	*33.76*	
		For Up To >10, Add	*311.18*	
		For >10 To 25, Add	*191.12*	
		For >25 To 50, Add	*135.13*	
		For >50 To 100, Add	*67.57*	
		For >500 To 1,000, Deduct	*-23.12*	
		For >1,000 To 2,000, Deduct	*-35.13*	
		For >2,000 To 5,000, Deduct	*-57.98*	
		For >5,000, Deduct	*-96.05*	
33 01 30 72-0071	LF	13.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	532.49	
		For Vinlyester Resin, Add	*344.74*	
		For Epoxy Resin, Add	*40.63*	
		For Up To >10, Add	*366.25*	
		For >10 To 25, Add	*223.12*	
		For >25 To 50, Add	*158.50*	
		For >50 To 100, Add	*79.25*	
		For >500 To 1,000, Deduct	*-27.62*	
		For >1,000 To 2,000, Deduct	*-41.94*	
		For >2,000 To 5,000, Deduct	*-69.10*	
		For >5,000, Deduct	*-114.50*	
33 01 30 72-0072	LF	13.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	621.43	
		For Vinlyester Resin, Add	*403.06*	
		For Epoxy Resin, Add	*47.50*	
		For Up To >10, Add	*424.79*	
		For >10 To 25, Add	*258.03*	
		For >25 To 50, Add	*183.61*	
		For >50 To 100, Add	*91.80*	
		For >500 To 1,000, Deduct	*-32.21*	
		For >1,000 To 2,000, Deduct	*-48.89*	
		For >2,000 To 5,000, Deduct	*-80.50*	
		For >5,000, Deduct	*-133.41*	
33 01 30 72-0073	LF	13.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	712.41	
		For Vinlyester Resin, Add	*461.38*	
		For Epoxy Resin, Add	*54.38*	
		For Up To >10, Add	*489.46*	
		For >10 To 25, Add	*298.03*	
		For >25 To 50, Add	*211.77*	
		For >50 To 100, Add	*105.89*	
		For >500 To 1,000, Deduct	*-36.95*	
		For >1,000 To 2,000, Deduct	*-56.10*	
		For >2,000 To 5,000, Deduct	*-92.42*	
		For >5,000, Deduct	*-153.14*	

33 01 30 72-0074 15mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0075	LF	15mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	244.04	
		For Vinlyester Resin, Add	*155.62*	
		For Epoxy Resin, Add	*18.34*	
		For Up To >10, Add	*176.35*	
		For >10 To 25, Add	*109.90*	
		For >25 To 50, Add	*77.06*	
		For >50 To 100, Add	*38.53*	
		For >500 To 1,000, Deduct	*-12.75*	
		For >1,000 To 2,000, Deduct	*-19.39*	
		For >2,000 To 5,000, Deduct	*-32.11*	
		For >5,000, Deduct	*-53.15*	
33 01 30 72-0076	LF	15mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	293.14	
		For Vinlyester Resin, Add	*188.02*	
		For Epoxy Resin, Add	*22.16*	
		For Up To >10, Add	*207.92*	
		For >10 To 25, Add	*128.50*	
		For >25 To 50, Add	*90.53*	
		For >50 To 100, Add	*45.27*	
		For >500 To 1,000, Deduct	*-15.27*	
		For >1,000 To 2,000, Deduct	*-23.21*	
		For >2,000 To 5,000, Deduct	*-38.37*	
		For >5,000, Deduct	*-63.54*	
33 01 30 72-0077	LF	15mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	341.47	
		For Vinlyester Resin, Add	*220.42*	
		For Epoxy Resin, Add	*25.98*	
		For Up To >10, Add	*237.21*	
		For >10 To 25, Add	*145.20*	
		For >25 To 50, Add	*102.86*	
		For >50 To 100, Add	*51.43*	
		For >500 To 1,000, Deduct	*-17.74*	
		For >1,000 To 2,000, Deduct	*-26.94*	
		For >2,000 To 5,000, Deduct	*-44.43*	
		For >5,000, Deduct	*-73.61*	
33 01 30 72-0078	LF	15mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	390.17	
		For Vinlyester Resin, Add	*252.81*	
		For Epoxy Resin, Add	*29.80*	
		For Up To >10, Add	*267.61*	
		For >10 To 25, Add	*162.82*	
		For >25 To 50, Add	*115.75*	
		For >50 To 100, Add	*57.87*	
		For >500 To 1,000, Deduct	*-20.23*	
		For >1,000 To 2,000, Deduct	*-30.71*	
		For >2,000 To 5,000, Deduct	*-50.59*	
		For >5,000, Deduct	*-83.84*	
33 01 30 72-0079	LF	15mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	439.41	
		For Vinlyester Resin, Add	*285.22*	
		For Epoxy Resin, Add	*33.61*	
		For Up To >10, Add	*299.61*	
		For >10 To 25, Add	*181.76*	
		For >25 To 50, Add	*129.43*	
		For >50 To 100, Add	*64.72*	
		For >500 To 1,000, Deduct	*-22.77*	
		For >1,000 To 2,000, Deduct	*-34.55*	
		For >2,000 To 5,000, Deduct	*-56.88*	
		For >5,000, Deduct	*-94.27*	
33 01 30 72-0080	LF	15mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	489.26	
		For Vinlyester Resin, Add	*317.61*	
		For Epoxy Resin, Add	*37.43*	
		For Up To >10, Add	*333.46*	
		For >10 To 25, Add	*202.26*	
		For >25 To 50, Add	*144.04*	
		For >50 To 100, Add	*72.02*	
		For >500 To 1,000, Deduct	*-25.35*	
		For >1,000 To 2,000, Deduct	*-38.47*	
		For >2,000 To 5,000, Deduct	*-63.33*	
		For >5,000, Deduct	*-104.96*	
33 01 30 72-0081	LF	15mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	586.30	
		For Vinlyester Resin, Add	*382.41*	
		For Epoxy Resin, Add	*45.07*	
		For Up To >10, Add	*393.15*	
		For >10 To 25, Add	*236.58*	
		For >25 To 50, Add	*169.26*	
		For >50 To 100, Add	*84.63*	
		For >500 To 1,000, Deduct	*-30.32*	
		For >1,000 To 2,000, Deduct	*-45.97*	
		For >2,000 To 5,000, Deduct	*-75.56*	
		For >5,000, Deduct	*-125.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0082	LF	15mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	684.50	
		For Vinlyester Resin, Add	*447.21*	
		For Epoxy Resin, Add	*52.71*	
		For Up To >10, Add	*456.33*	
		For >10 To 25, Add	*273.79*	
		For >25 To 50, Add	*196.22*	
		For >50 To 100, Add	*98.11*	
		For >500 To 1,000, Deduct	*-35.37*	
		For >1,000 To 2,000, Deduct	*-53.62*	
		For >2,000 To 5,000, Deduct	*-88.07*	
		For >5,000, Deduct	*-146.03*	
33 01 30 72-0083	LF	15mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	784.74	
		For Vinlyester Resin, Add	*512.01*	
		For Epoxy Resin, Add	*60.34*	
		For Up To >10, Add	*525.62*	
		For >10 To 25, Add	*316.11*	
		For >25 To 50, Add	*226.24*	
		For >50 To 100, Add	*113.12*	
		For >500 To 1,000, Deduct	*-40.57*	
		For >1,000 To 2,000, Deduct	*-61.52*	
		For >2,000 To 5,000, Deduct	*-101.10*	
		For >5,000, Deduct	*-167.61*	

33 01 30 72-0084 16.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0085	LF	16.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	318.99	
		For Vinlyester Resin, Add	*206.12*	
		For Epoxy Resin, Add	*24.29*	
		For Up To >10, Add	*220.85*	
		For >10 To 25, Add	*134.96*	
		For >25 To 50, Add	*95.70*	
		For >50 To 100, Add	*47.85*	
		For >500 To 1,000, Deduct	*-16.56*	
		For >1,000 To 2,000, Deduct	*-25.15*	
		For >2,000 To 5,000, Deduct	*-41.47*	
		For >5,000, Deduct	*-68.71*	
33 01 30 72-0086	LF	16.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	371.95	
		For Vinlyester Resin, Add	*241.75*	
		For Epoxy Resin, Add	*28.49*	
		For Up To >10, Add	*252.45*	
		For >10 To 25, Add	*152.82*	
		For >25 To 50, Add	*108.96*	
		For >50 To 100, Add	*54.48*	
		For >500 To 1,000, Deduct	*-19.26*	
		For >1,000 To 2,000, Deduct	*-29.23*	
		For >2,000 To 5,000, Deduct	*-48.09*	
		For >5,000, Deduct	*-79.71*	
33 01 30 72-0087	LF	16.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	425.29	
		For Vinlyester Resin, Add	*277.40*	
		For Epoxy Resin, Add	*32.69*	
		For Up To >10, Add	*285.17*	
		For >10 To 25, Add	*171.60*	
		For >25 To 50, Add	*122.77*	
		For >50 To 100, Add	*61.39*	
		For >500 To 1,000, Deduct	*-21.99*	
		For >1,000 To 2,000, Deduct	*-33.35*	
		For >2,000 To 5,000, Deduct	*-54.81*	
		For >5,000, Deduct	*-90.86*	
33 01 30 72-0088	LF	16.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	479.15	
		For Vinlyester Resin, Add	*313.03*	
		For Epoxy Resin, Add	*36.89*	
		For Up To >10, Add	*319.48*	
		For >10 To 25, Add	*191.70*	
		For >25 To 50, Add	*137.38*	
		For >50 To 100, Add	*68.69*	
		For >500 To 1,000, Deduct	*-24.76*	
		For >1,000 To 2,000, Deduct	*-37.53*	
		For >2,000 To 5,000, Deduct	*-61.65*	
		For >5,000, Deduct	*-102.22*	
33 01 30 72-0089	LF	16.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	533.64	
		For Vinlyester Resin, Add	*348.68*	
		For Epoxy Resin, Add	*41.09*	
		For Up To >10, Add	*355.65*	
		For >10 To 25, Add	*213.35*	
		For >25 To 50, Add	*152.92*	
		For >50 To 100, Add	*76.46*	
		For >500 To 1,000, Deduct	*-27.57*	
		For >1,000 To 2,000, Deduct	*-41.80*	
		For >2,000 To 5,000, Deduct	*-68.66*	
		For >5,000, Deduct	*-113.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0090	LF	16.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	639.93	
		For Vinlyester Resin, Add	*419.95*	
		For Epoxy Resin, Add	*49.49*	
		For Up To >10, Add	*419.97*	
		For >10 To 25, Add	*249.98*	
		For >25 To 50, Add	*179.99*	
		For >50 To 100, Add	*89.99*	
		For >500 To 1,000, Deduct	*-33.00*	
		For >1,000 To 2,000, Deduct	*-49.99*	
		For >2,000 To 5,000, Deduct	*-81.99*	
		For >5,000, Deduct	*-135.99*	
33 01 30 72-0091	LF	16.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	747.38	
		For Vinlyester Resin, Add	*491.23*	
		For Epoxy Resin, Add	*57.89*	
		For Up To >10, Add	*487.77*	
		For >10 To 25, Add	*289.51*	
		For >25 To 50, Add	*203.80*	
		For >50 To 100, Add	*104.40*	
		For >500 To 1,000, Deduct	*-38.51*	
		For >1,000 To 2,000, Deduct	*-58.34*	
		For >2,000 To 5,000, Deduct	*-95.62*	
		For >5,000, Deduct	*-158.60*	
33 01 30 72-0092	LF	16.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	856.88	
		For Vinlyester Resin, Add	*562.51*	
		For Epoxy Resin, Add	*66.30*	
		For Up To >10, Add	*561.69*	
		For >10 To 25, Add	*334.15*	
		For >25 To 50, Add	*240.67*	
		For >50 To 100, Add	*120.33*	
		For >500 To 1,000, Deduct	*-44.18*	
		For >1,000 To 2,000, Deduct	*-66.93*	
		For >2,000 To 5,000, Deduct	*-109.75*	
		For >5,000, Deduct	*-182.04*	
33 01 30 72-0093	LF	16.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	965.48	
		For Vinlyester Resin, Add	*633.79*	
		For Epoxy Resin, Add	*74.70*	
		For Up To >10, Add	*632.92*	
		For >10 To 25, Add	*376.53*	
		For >25 To 50, Add	*271.19*	
		For >50 To 100, Add	*135.59*	
		For >500 To 1,000, Deduct	*-49.78*	
		For >1,000 To 2,000, Deduct	*-75.41*	
		For >2,000 To 5,000, Deduct	*-123.67*	
		For >5,000, Deduct	*-205.11*	

33 01 30 72-0094 18mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0095	LF	18mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	345.31	
		For Vinlyester Resin, Add	*224.09*	
		For Epoxy Resin, Add	*26.41*	
		For Up To >10, Add	*235.61*	
		For >10 To 25, Add	*142.98*	
		For >25 To 50, Add	*101.80*	
		For >50 To 100, Add	*50.90*	
		For >500 To 1,000, Deduct	*-17.90*	
		For >1,000 To 2,000, Deduct	*-27.16*	
		For >2,000 To 5,000, Deduct	*-44.71*	
		For >5,000, Deduct	*-74.10*	
33 01 30 72-0096	LF	18mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	403.03	
		For Vinlyester Resin, Add	*262.97*	
		For Epoxy Resin, Add	*30.99*	
		For Up To >10, Add	*269.92*	
		For >10 To 25, Add	*162.32*	
		For >25 To 50, Add	*116.17*	
		For >50 To 100, Add	*58.09*	
		For >500 To 1,000, Deduct	*-20.84*	
		For >1,000 To 2,000, Deduct	*-31.60*	
		For >2,000 To 5,000, Deduct	*-51.92*	
		For >5,000, Deduct	*-86.08*	
33 01 30 72-0097	LF	18mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	460.99	
		For Vinlyester Resin, Add	*301.85*	
		For Epoxy Resin, Add	*35.57*	
		For Up To >10, Add	*304.95*	
		For >10 To 25, Add	*182.25*	
		For >25 To 50, Add	*130.91*	
		For >50 To 100, Add	*65.46*	
		For >500 To 1,000, Deduct	*-23.79*	
		For >1,000 To 2,000, Deduct	*-36.06*	
		For >2,000 To 5,000, Deduct	*-59.19*	
		For >5,000, Deduct	*-98.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0098	LF	18mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	519.59	
		For Vinlyester Resin, Add	*340.73*	
		For Epoxy Resin, Add	*40.16*	
		For Up To >10, Add	*341.90*	
		For >10 To 25, Add	*203.79*	
		For >25 To 50, Add	*146.61*	
		For >50 To 100, Add	*73.31*	
		For >500 To 1,000, Deduct	*-26.80*	
		For >1,000 To 2,000, Deduct	*-40.61*	
		For >2,000 To 5,000, Deduct	*-66.62*	
		For >5,000, Deduct	*-110.49*	
33 01 30 72-0099	LF	18mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	578.72	
		For Vinlyester Resin, Add	*379.60*	
		For Epoxy Resin, Add	*44.74*	
		For Up To >10, Add	*380.44*	
		For >10 To 25, Add	*226.65*	
		For >25 To 50, Add	*163.10*	
		For >50 To 100, Add	*81.55*	
		For >500 To 1,000, Deduct	*-29.85*	
		For >1,000 To 2,000, Deduct	*-45.23*	
		For >2,000 To 5,000, Deduct	*-74.18*	
		For >5,000, Deduct	*-123.03*	
33 01 30 72-0100	LF	18mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	695.31	
		For Vinlyester Resin, Add	*457.37*	
		For Epoxy Resin, Add	*53.90*	
		For Up To >10, Add	*452.48*	
		For >10 To 25, Add	*268.17*	
		For >25 To 50, Add	*193.57*	
		For >50 To 100, Add	*96.79*	
		For >500 To 1,000, Deduct	*-35.81*	
		For >1,000 To 2,000, Deduct	*-54.24*	
		For >2,000 To 5,000, Deduct	*-88.89*	
		For >5,000, Deduct	*-147.45*	
33 01 30 72-0101	LF	18mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	812.39	
		For Vinlyester Resin, Add	*535.12*	
		For Epoxy Resin, Add	*63.07*	
		For Up To >10, Add	*526.02*	
		For >10 To 25, Add	*310.94*	
		For >25 To 50, Add	*224.79*	
		For >50 To 100, Add	*112.39*	
		For >500 To 1,000, Deduct	*-41.82*	
		For >1,000 To 2,000, Deduct	*-63.33*	
		For >2,000 To 5,000, Deduct	*-103.72*	
		For >5,000, Deduct	*-172.06*	
33 01 30 72-0102	LF	18mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	931.52	
		For Vinlyester Resin, Add	*612.88*	
		For Epoxy Resin, Add	*72.23*	
		For Up To >10, Add	*605.71*	
		For >10 To 25, Add	*358.84*	
		For >25 To 50, Add	*259.08*	
		For >50 To 100, Add	*129.54*	
		For >500 To 1,000, Deduct	*-47.98*	
		For >1,000 To 2,000, Deduct	*-72.66*	
		For >2,000 To 5,000, Deduct	*-119.06*	
		For >5,000, Deduct	*-197.50*	
33 01 30 72-0103	LF	18mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,049.77	
		For Vinlyester Resin, Add	*690.64*	
		For Epoxy Resin, Add	*81.40*	
		For Up To >10, Add	*682.74*	
		For >10 To 25, Add	*404.51*	
		For >25 To 50, Add	*292.04*	
		For >50 To 100, Add	*146.02*	
		For >500 To 1,000, Deduct	*-54.07*	
		For >1,000 To 2,000, Deduct	*-81.89*	
		For >2,000 To 5,000, Deduct	*-134.18*	
		For >5,000, Deduct	*-222.58*	
33 01 30 72-0104	LF	18mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,167.88	
		For Vinlyester Resin, Add	*768.40*	
		For Epoxy Resin, Add	*90.56*	
		For Up To >10, Add	*759.37*	
		For >10 To 25, Add	*449.85*	
		For >25 To 50, Add	*324.80*	
		For >50 To 100, Add	*162.40*	
		For >500 To 1,000, Deduct	*-60.15*	
		For >1,000 To 2,000, Deduct	*-91.10*	
		For >2,000 To 5,000, Deduct	*-149.27*	
		For >5,000, Deduct	*-247.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0105	LF	18mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,286.50	
		For Vinlyester Resin, Add	*846.15*	
		For Epoxy Resin, Add	*99.73*	
		For Up To >10, Add	*837.53*	
		For >10 To 25, Add	*496.47*	
		For >25 To 50, Add	*358.32*	
		For >50 To 100, Add	*179.16*	
		For >500 To 1,000, Deduct	*-66.27*	
		For >1,000 To 2,000, Deduct	*-100.37*	
		For >2,000 To 5,000, Deduct	*-164.48*	
		For >5,000, Deduct	*-272.84*	
33 01 30 72-0106	LF	18mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,404.74	
		For Vinlyester Resin, Add	*923.91*	
		For Epoxy Resin, Add	*108.89*	
		For Up To >10, Add	*914.55*	
		For >10 To 25, Add	*542.14*	
		For >25 To 50, Add	*391.28*	
		For >50 To 100, Add	*195.64*	
		For >500 To 1,000, Deduct	*-72.36*	
		For >1,000 To 2,000, Deduct	*-109.60*	
		For >2,000 To 5,000, Deduct	*-179.60*	
		For >5,000, Deduct	*-297.92*	

33 01 30 72-0107 19.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0108	LF	19.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	371.82	
		For Vinlyester Resin, Add	*241.93*	
		For Epoxy Resin, Add	*28.51*	
		For Up To >10, Add	*251.41*	
		For >10 To 25, Add	*151.91*	
		For >25 To 50, Add	*108.42*	
		For >50 To 100, Add	*54.21*	
		For >500 To 1,000, Deduct	*-19.25*	
		For >1,000 To 2,000, Deduct	*-29.20*	
		For >2,000 To 5,000, Deduct	*-48.02*	
		For >5,000, Deduct	*-79.60*	
33 01 30 72-0109	LF	19.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	434.16	
		For Vinlyester Resin, Add	*284.05*	
		For Epoxy Resin, Add	*33.48*	
		For Up To >10, Add	*288.01*	
		For >10 To 25, Add	*172.37*	
		For >25 To 50, Add	*123.71*	
		For >50 To 100, Add	*61.86*	
		For >500 To 1,000, Deduct	*-22.42*	
		For >1,000 To 2,000, Deduct	*-33.98*	
		For >2,000 To 5,000, Deduct	*-55.79*	
		For >5,000, Deduct	*-92.51*	
33 01 30 72-0110	LF	19.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	496.89	
		For Vinlyester Resin, Add	*326.17*	
		For Epoxy Resin, Add	*38.44*	
		For Up To >10, Add	*325.77*	
		For >10 To 25, Add	*193.82*	
		For >25 To 50, Add	*139.59*	
		For >50 To 100, Add	*69.79*	
		For >500 To 1,000, Deduct	*-25.62*	
		For >1,000 To 2,000, Deduct	*-38.81*	
		For >2,000 To 5,000, Deduct	*-63.65*	
		For >5,000, Deduct	*-105.56*	
33 01 30 72-0111	LF	19.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	559.87	
		For Vinlyester Resin, Add	*368.29*	
		For Epoxy Resin, Add	*43.41*	
		For Up To >10, Add	*364.29*	
		For >10 To 25, Add	*215.88*	
		For >25 To 50, Add	*155.84*	
		For >50 To 100, Add	*77.92*	
		For >500 To 1,000, Deduct	*-28.84*	
		For >1,000 To 2,000, Deduct	*-43.68*	
		For >2,000 To 5,000, Deduct	*-71.57*	
		For >5,000, Deduct	*-118.72*	
33 01 30 72-0112	LF	19.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	623.87	
		For Vinlyester Resin, Add	*410.41*	
		For Epoxy Resin, Add	*48.37*	
		For Up To >10, Add	*405.86*	
		For >10 To 25, Add	*240.50*	
		For >25 To 50, Add	*173.62*	
		For >50 To 100, Add	*86.81*	
		For >500 To 1,000, Deduct	*-32.13*	
		For >1,000 To 2,000, Deduct	*-48.67*	
		For >2,000 To 5,000, Deduct	*-79.75*	
		For >5,000, Deduct	*-132.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0113	LF	19.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	750.87	
		For Vinlyester Resin, Add	*494.65*	
		For Epoxy Resin, Add	*58.30*	
		For Up To >10, Add	*486.01*	
		For >10 To 25, Add	*287.24*	
		For >25 To 50, Add	*207.67*	
		For >50 To 100, Add	*103.84*	
		For >500 To 1,000, Deduct	*-38.65*	
		For >1,000 To 2,000, Deduct	*-58.53*	
		For >2,000 To 5,000, Deduct	*-95.85*	
		For >5,000, Deduct	*-159.02*	
33 01 30 72-0114	LF	19.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	878.24	
		For Vinlyester Resin, Add	*578.89*	
		For Epoxy Resin, Add	*68.23*	
		For Up To >10, Add	*567.27*	
		For >10 To 25, Add	*334.90*	
		For >25 To 50, Add	*242.29*	
		For >50 To 100, Add	*121.14*	
		For >500 To 1,000, Deduct	*-45.19*	
		For >1,000 To 2,000, Deduct	*-68.43*	
		For >2,000 To 5,000, Deduct	*-112.05*	
		For >5,000, Deduct	*-185.90*	
33 01 30 72-0115	LF	19.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,006.50	
		For Vinlyester Resin, Add	*663.12*	
		For Epoxy Resin, Add	*78.15*	
		For Up To >10, Add	*651.20*	
		For >10 To 25, Add	*384.78*	
		For >25 To 50, Add	*278.23*	
		For >50 To 100, Add	*139.12*	
		For >500 To 1,000, Deduct	*-51.80*	
		For >1,000 To 2,000, Deduct	*-78.45*	
		For >2,000 To 5,000, Deduct	*-128.47*	
		For >5,000, Deduct	*-213.14*	
33 01 30 72-0116	LF	19.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,134.38	
		For Vinlyester Resin, Add	*747.36*	
		For Epoxy Resin, Add	*88.08*	
		For Up To >10, Add	*733.99*	
		For >10 To 25, Add	*433.72*	
		For >25 To 50, Add	*313.61*	
		For >50 To 100, Add	*156.81*	
		For >500 To 1,000, Deduct	*-58.39*	
		For >1,000 To 2,000, Deduct	*-88.41*	
		For >2,000 To 5,000, Deduct	*-144.80*	
		For >5,000, Deduct	*-240.22*	
33 01 30 72-0117	LF	19.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,262.26	
		For Vinlyester Resin, Add	*831.60*	
		For Epoxy Resin, Add	*98.01*	
		For Up To >10, Add	*816.78*	
		For >10 To 25, Add	*482.65*	
		For >25 To 50, Add	*348.99*	
		For >50 To 100, Add	*174.50*	
		For >500 To 1,000, Deduct	*-64.97*	
		For >1,000 To 2,000, Deduct	*-98.38*	
		For >2,000 To 5,000, Deduct	*-161.13*	
		For >5,000, Deduct	*-267.30*	
33 01 30 72-0118	LF	19.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,391.68	
		For Vinlyester Resin, Add	*915.84*	
		For Epoxy Resin, Add	*107.94*	
		For Up To >10, Add	*904.19*	
		For >10 To 25, Add	*535.44*	
		For >25 To 50, Add	*386.68*	
		For >50 To 100, Add	*193.34*	
		For >500 To 1,000, Deduct	*-71.67*	
		For >1,000 To 2,000, Deduct	*-108.54*	
		For >2,000 To 5,000, Deduct	*-177.84*	
		For >5,000, Deduct	*-295.00*	
33 01 30 72-0119	LF	19.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,519.67	
		For Vinlyester Resin, Add	*1,000.07*	
		For Epoxy Resin, Add	*117.87*	
		For Up To >10, Add	*987.34*	
		For >10 To 25, Add	*584.67*	
		For >25 To 50, Add	*422.23*	
		For >50 To 100, Add	*211.12*	
		For >500 To 1,000, Deduct	*-78.26*	
		For >1,000 To 2,000, Deduct	*-118.53*	
		For >2,000 To 5,000, Deduct	*-194.19*	
		For >5,000, Deduct	*-322.13*	

33 01 30 72-0120 21mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0121	LF	21mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	398.03	
		For Vinlyester Resin, Add	*259.65*	
		For Epoxy Resin, Add	*30.60*	
		For Up To >10, Add	*266.77*	
		For >10 To 25, Add	*160.48*	
		For >25 To 50, Add	*114.84*	
		For >50 To 100, Add	*57.42*	
		For >500 To 1,000, Deduct	*-20.58*	
		For >1,000 To 2,000, Deduct	*-31.21*	
		For >2,000 To 5,000, Deduct	*-51.29*	
		For >5,000, Deduct	*-85.03*	
33 01 30 72-0122	LF	21mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	465.13	
		For Vinlyester Resin, Add	*305.01*	
		For Epoxy Resin, Add	*35.95*	
		For Up To >10, Add	*306.07*	
		For >10 To 25, Add	*182.43*	
		For >25 To 50, Add	*131.25*	
		For >50 To 100, Add	*65.62*	
		For >500 To 1,000, Deduct	*-23.99*	
		For >1,000 To 2,000, Deduct	*-36.35*	
		For >2,000 To 5,000, Deduct	*-59.64*	
		For >5,000, Deduct	*-98.91*	
33 01 30 72-0123	LF	21mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	532.61	
		For Vinlyester Resin, Add	*350.37*	
		For Epoxy Resin, Add	*41.29*	
		For Up To >10, Add	*346.51*	
		For >10 To 25, Add	*205.33*	
		For >25 To 50, Add	*148.23*	
		For >50 To 100, Add	*74.11*	
		For >500 To 1,000, Deduct	*-27.43*	
		For >1,000 To 2,000, Deduct	*-41.55*	
		For >2,000 To 5,000, Deduct	*-68.08*	
		For >5,000, Deduct	*-112.94*	
33 01 30 72-0124	LF	21mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	599.97	
		For Vinlyester Resin, Add	*395.73*	
		For Epoxy Resin, Add	*46.64*	
		For Up To >10, Add	*386.59*	
		For >10 To 25, Add	*227.93*	
		For >25 To 50, Add	*165.03*	
		For >50 To 100, Add	*82.51*	
		For >500 To 1,000, Deduct	*-30.86*	
		For >1,000 To 2,000, Deduct	*-46.73*	
		For >2,000 To 5,000, Deduct	*-76.50*	
		For >5,000, Deduct	*-126.92*	
33 01 30 72-0125	LF	21mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	668.73	
		For Vinlyester Resin, Add	*441.09*	
		For Epoxy Resin, Add	*51.99*	
		For Up To >10, Add	*430.87*	
		For >10 To 25, Add	*254.03*	
		For >25 To 50, Add	*183.93*	
		For >50 To 100, Add	*91.96*	
		For >500 To 1,000, Deduct	*-34.40*	
		For >1,000 To 2,000, Deduct	*-52.08*	
		For >2,000 To 5,000, Deduct	*-85.27*	
		For >5,000, Deduct	*-141.47*	
33 01 30 72-0126	LF	21mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	806.25	
		For Vinlyester Resin, Add	*531.80*	
		For Epoxy Resin, Add	*62.68*	
		For Up To >10, Add	*519.45*	
		For >10 To 25, Add	*306.26*	
		For >25 To 50, Add	*221.74*	
		For >50 To 100, Add	*110.87*	
		For >500 To 1,000, Deduct	*-41.48*	
		For >1,000 To 2,000, Deduct	*-62.80*	
		For >2,000 To 5,000, Deduct	*-102.80*	
		For >5,000, Deduct	*-170.56*	
33 01 30 72-0127	LF	21mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	943.77	
		For Vinlyester Resin, Add	*622.52*	
		For Epoxy Resin, Add	*73.37*	
		For Up To >10, Add	*608.01*	
		For >10 To 25, Add	*358.46*	
		For >25 To 50, Add	*259.54*	
		For >50 To 100, Add	*129.77*	
		For >500 To 1,000, Deduct	*-48.55*	
		For >1,000 To 2,000, Deduct	*-73.51*	
		For >2,000 To 5,000, Deduct	*-120.33*	
		For >5,000, Deduct	*-199.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0128	LF	21mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,081.28	
		For Vinlyester Resin, Add	*713.24*	
		For Epoxy Resin, Add	*84.06*	
		For Up To >10, Add	*696.57*	
		For >10 To 25, Add	*410.65*	
		For >25 To 50, Add	*297.34*	
		For >50 To 100, Add	*148.67*	
		For >500 To 1,000, Deduct	*-55.62*	
		For >1,000 To 2,000, Deduct	*-84.21*	
		For >2,000 To 5,000, Deduct	*-137.86*	
		For >5,000, Deduct	*-228.73*	
33 01 30 72-0129	LF	21mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,218.81	
		For Vinlyester Resin, Add	*803.96*	
		For Epoxy Resin, Add	*94.75*	
		For Up To >10, Add	*785.16*	
		For >10 To 25, Add	*462.88*	
		For >25 To 50, Add	*335.15*	
		For >50 To 100, Add	*167.58*	
		For >500 To 1,000, Deduct	*-62.70*	
		For >1,000 To 2,000, Deduct	*-94.93*	
		For >2,000 To 5,000, Deduct	*-155.40*	
		For >5,000, Deduct	*-257.82*	
33 01 30 72-0130	LF	21mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,356.34	
		For Vinlyester Resin, Add	*894.68*	
		For Epoxy Resin, Add	*105.44*	
		For Up To >10, Add	*873.75*	
		For >10 To 25, Add	*515.10*	
		For >25 To 50, Add	*372.97*	
		For >50 To 100, Add	*186.48*	
		For >500 To 1,000, Deduct	*-69.77*	
		For >1,000 To 2,000, Deduct	*-105.64*	
		For >2,000 To 5,000, Deduct	*-172.93*	
		For >5,000, Deduct	*-286.91*	
33 01 30 72-0131	LF	21mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,496.67	
		For Vinlyester Resin, Add	*985.40*	
		For Epoxy Resin, Add	*116.14*	
		For Up To >10, Add	*970.74*	
		For >10 To 25, Add	*574.33*	
		For >25 To 50, Add	*414.98*	
		For >50 To 100, Add	*207.49*	
		For >500 To 1,000, Deduct	*-77.06*	
		For >1,000 To 2,000, Deduct	*-116.70*	
		For >2,000 To 5,000, Deduct	*-191.17*	
		For >5,000, Deduct	*-317.13*	
33 01 30 72-0132	LF	21mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,634.44	
		For Vinlyester Resin, Add	*1,076.11*	
		For Epoxy Resin, Add	*126.83*	
		For Up To >10, Add	*1,060.07*	
		For >10 To 25, Add	*627.18*	
		For >25 To 50, Add	*453.17*	
		For >50 To 100, Add	*226.59*	
		For >500 To 1,000, Deduct	*-84.15*	
		For >1,000 To 2,000, Deduct	*-127.44*	
		For >2,000 To 5,000, Deduct	*-208.76*	
		For >5,000, Deduct	*-346.32*	
33 01 30 72-0133		22.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*		
33 01 30 72-0134	LF	22.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	423.93	
		For Vinlyester Resin, Add	*277.24*	
		For Epoxy Resin, Add	*32.67*	
		For Up To >10, Add	*281.64*	
		For >10 To 25, Add	*168.69*	
		For >25 To 50, Add	*121.02*	
		For >50 To 100, Add	*60.51*	
		For >500 To 1,000, Deduct	*-21.89*	
		For >1,000 To 2,000, Deduct	*-33.19*	
		For >2,000 To 5,000, Deduct	*-54.49*	
		For >5,000, Deduct	*-90.36*	
33 01 30 72-0135	LF	22.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	495.66	
		For Vinlyester Resin, Add	*325.84*	
		For Epoxy Resin, Add	*38.40*	
		For Up To >10, Add	*323.26*	
		For >10 To 25, Add	*191.80*	
		For >25 To 50, Add	*138.35*	
		For >50 To 100, Add	*69.18*	
		For >500 To 1,000, Deduct	*-25.54*	
		For >1,000 To 2,000, Deduct	*-38.68*	
		For >2,000 To 5,000, Deduct	*-63.40*	
		For >5,000, Deduct	*-105.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0136	LF	22.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	568.15	
		For Vinlyester Resin, Add	*374.44*	
		For Epoxy Resin, Add	*44.13*	
		For Up To >10, Add	*367.15*	
		For >10 To 25, Add	*216.81*	
		For >25 To 50, Add	*156.83*	
		For >50 To 100, Add	*78.41*	
		For >500 To 1,000, Deduct	*-29.24*	
		For >1,000 To 2,000, Deduct	*-44.27*	
		For >2,000 To 5,000, Deduct	*-72.50*	
		For >5,000, Deduct	*-120.28*	
33 01 30 72-0137	LF	22.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	641.02	
		For Vinlyester Resin, Add	*423.04*	
		For Epoxy Resin, Add	*49.86*	
		For Up To >10, Add	*412.21*	
		For >10 To 25, Add	*242.79*	
		For >25 To 50, Add	*175.89*	
		For >50 To 100, Add	*87.94*	
		For >500 To 1,000, Deduct	*-32.97*	
		For >1,000 To 2,000, Deduct	*-49.91*	
		For >2,000 To 5,000, Deduct	*-81.69*	
		For >5,000, Deduct	*-135.54*	
33 01 30 72-0138	LF	22.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	714.66	
		For Vinlyester Resin, Add	*471.63*	
		For Epoxy Resin, Add	*55.59*	
		For Up To >10, Add	*459.58*	
		For >10 To 25, Add	*270.69*	
		For >25 To 50, Add	*196.10*	
		For >50 To 100, Add	*98.05*	
		For >500 To 1,000, Deduct	*-36.76*	
		For >1,000 To 2,000, Deduct	*-55.64*	
		For >2,000 To 5,000, Deduct	*-91.08*	
		For >5,000, Deduct	*-151.11*	
33 01 30 72-0139	LF	22.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	861.96	
		For Vinlyester Resin, Add	*568.83*	
		For Epoxy Resin, Add	*67.04*	
		For Up To >10, Add	*554.33*	
		For >10 To 25, Add	*326.51*	
		For >25 To 50, Add	*236.53*	
		For >50 To 100, Add	*118.27*	
		For >500 To 1,000, Deduct	*-44.33*	
		For >1,000 To 2,000, Deduct	*-67.11*	
		For >2,000 To 5,000, Deduct	*-109.85*	
		For >5,000, Deduct	*-182.26*	
33 01 30 72-0140	LF	22.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,009.24	
		For Vinlyester Resin, Add	*666.03*	
		For Epoxy Resin, Add	*78.50*	
		For Up To >10, Add	*649.05*	
		For >10 To 25, Add	*382.29*	
		For >25 To 50, Add	*276.95*	
		For >50 To 100, Add	*138.47*	
		For >500 To 1,000, Deduct	*-51.91*	
		For >1,000 To 2,000, Deduct	*-78.58*	
		For >2,000 To 5,000, Deduct	*-128.62*	
		For >5,000, Deduct	*-213.40*	
33 01 30 72-0141	LF	22.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,156.54	
		For Vinlyester Resin, Add	*763.23*	
		For Epoxy Resin, Add	*89.95*	
		For Up To >10, Add	*743.80*	
		For >10 To 25, Add	*438.11*	
		For >25 To 50, Add	*317.38*	
		For >50 To 100, Add	*158.69*	
		For >500 To 1,000, Deduct	*-59.48*	
		For >1,000 To 2,000, Deduct	*-90.05*	
		For >2,000 To 5,000, Deduct	*-147.39*	
		For >5,000, Deduct	*-244.55*	
33 01 30 72-0142	LF	22.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,303.82	
		For Vinlyester Resin, Add	*860.43*	
		For Epoxy Resin, Add	*101.41*	
		For Up To >10, Add	*838.51*	
		For >10 To 25, Add	*493.90*	
		For >25 To 50, Add	*357.80*	
		For >50 To 100, Add	*178.90*	
		For >500 To 1,000, Deduct	*-67.06*	
		For >1,000 To 2,000, Deduct	*-101.52*	
		For >2,000 To 5,000, Deduct	*-166.16*	
		For >5,000, Deduct	*-275.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0143	LF	22.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,451.11	
		For Vinlyester Resin, Add	*957.62*	
		For Epoxy Resin, Add	*112.86*	
		For Up To >10, Add	*933.26*	
		For >10 To 25, Add	*549.71*	
		For >25 To 50, Add	*398.23*	
		For >50 To 100, Add	*199.11*	
		For >500 To 1,000, Deduct	*-74.63*	
		For >1,000 To 2,000, Deduct	*-112.99*	
		For >2,000 To 5,000, Deduct	*-184.93*	
		For >5,000, Deduct	*-306.84*	
33 01 30 72-0144	LF	22.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,601.35	
		For Vinlyester Resin, Add	*1,054.82*	
		For Epoxy Resin, Add	*124.32*	
		For Up To >10, Add	*1,036.83*	
		For >10 To 25, Add	*612.87*	
		For >25 To 50, Add	*443.07*	
		For >50 To 100, Add	*221.53*	
		For >500 To 1,000, Deduct	*-82.43*	
		For >1,000 To 2,000, Deduct	*-124.82*	
		For >2,000 To 5,000, Deduct	*-204.44*	
		For >5,000, Deduct	*-339.16*	
33 01 30 72-0145	LF	22.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,748.88	
		For Vinlyester Resin, Add	*1,152.02*	
		For Epoxy Resin, Add	*135.77*	
		For Up To >10, Add	*1,132.29*	
		For >10 To 25, Add	*669.29*	
		For >25 To 50, Add	*483.86*	
		For >50 To 100, Add	*241.93*	
		For >500 To 1,000, Deduct	*-90.02*	
		For >1,000 To 2,000, Deduct	*-136.32*	
		For >2,000 To 5,000, Deduct	*-223.27*	
		For >5,000, Deduct	*-370.40*	
33 01 30 72-0146		24mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*		
33 01 30 72-0147	LF	24mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	449.50	
		For Vinlyester Resin, Add	*294.70*	
		For Epoxy Resin, Add	*34.73*	
		For Up To >10, Add	*296.00*	
		For >10 To 25, Add	*176.50*	
		For >25 To 50, Add	*126.95*	
		For >50 To 100, Add	*63.48*	
		For >500 To 1,000, Deduct	*-23.19*	
		For >1,000 To 2,000, Deduct	*-35.14*	
		For >2,000 To 5,000, Deduct	*-57.65*	
		For >5,000, Deduct	*-95.60*	
33 01 30 72-0148	LF	24mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	525.86	
		For Vinlyester Resin, Add	*346.54*	
		For Epoxy Resin, Add	*40.84*	
		For Up To >10, Add	*339.93*	
		For >10 To 25, Add	*200.77*	
		For >25 To 50, Add	*145.21*	
		For >50 To 100, Add	*72.61*	
		For >500 To 1,000, Deduct	*-27.06*	
		For >1,000 To 2,000, Deduct	*-40.98*	
		For >2,000 To 5,000, Deduct	*-67.11*	
		For >5,000, Deduct	*-111.33*	
33 01 30 72-0149	LF	24mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	603.38	
		For Vinlyester Resin, Add	*398.38*	
		For Epoxy Resin, Add	*46.95*	
		For Up To >10, Add	*387.34*	
		For >10 To 25, Add	*227.93*	
		For >25 To 50, Add	*165.21*	
		For >50 To 100, Add	*82.61*	
		For >500 To 1,000, Deduct	*-31.03*	
		For >1,000 To 2,000, Deduct	*-46.97*	
		For >2,000 To 5,000, Deduct	*-76.86*	
		For >5,000, Deduct	*-127.53*	
33 01 30 72-0150	LF	24mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	681.90	
		For Vinlyester Resin, Add	*450.22*	
		For Epoxy Resin, Add	*53.06*	
		For Up To >10, Add	*437.78*	
		For >10 To 25, Add	*257.62*	
		For >25 To 50, Add	*186.73*	
		For >50 To 100, Add	*93.36*	
		For >500 To 1,000, Deduct	*-35.06*	
		For >1,000 To 2,000, Deduct	*-53.08*	
		For >2,000 To 5,000, Deduct	*-86.86*	
		For >5,000, Deduct	*-144.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0151	LF	24mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	760.43	
		For Vinlyester Resin, Add	*502.06*	
		For Epoxy Resin, Add	*59.17*	
		For Up To >10, Add	*488.22*	
		For >10 To 25, Add	*287.31*	
		For >25 To 50, Add	*208.25*	
		For >50 To 100, Add	*104.12*	
		For >500 To 1,000, Deduct	*-39.10*	
		For >1,000 To 2,000, Deduct	*-59.19*	
		For >2,000 To 5,000, Deduct	*-96.87*	
		For >5,000, Deduct	*-160.73*	
33 01 30 72-0152	LF	24mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	917.48	
		For Vinlyester Resin, Add	*605.74*	
		For Epoxy Resin, Add	*71.39*	
		For Up To >10, Add	*589.09*	
		For >10 To 25, Add	*346.69*	
		For >25 To 50, Add	*251.28*	
		For >50 To 100, Add	*125.64*	
		For >500 To 1,000, Deduct	*-47.18*	
		For >1,000 To 2,000, Deduct	*-71.42*	
		For >2,000 To 5,000, Deduct	*-116.88*	
		For >5,000, Deduct	*-193.92*	
33 01 30 72-0153	LF	24mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,113.68	
		For Vinlyester Resin, Add	*736.90*	
		For Epoxy Resin, Add	*86.85*	
		For Up To >10, Add	*709.27*	
		For >10 To 25, Add	*415.60*	
		For >25 To 50, Add	*302.00*	
		For >50 To 100, Add	*151.00*	
		For >500 To 1,000, Deduct	*-57.21*	
		For >1,000 To 2,000, Deduct	*-86.57*	
		For >2,000 To 5,000, Deduct	*-141.57*	
		For >5,000, Deduct	*-234.93*	
33 01 30 72-0154	LF	24mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,231.47	
		For Vinlyester Resin, Add	*813.09*	
		For Epoxy Resin, Add	*95.83*	
		For Up To >10, Add	*790.51*	
		For >10 To 25, Add	*465.17*	
		For >25 To 50, Add	*337.18*	
		For >50 To 100, Add	*168.59*	
		For >500 To 1,000, Deduct	*-63.32*	
		For >1,000 To 2,000, Deduct	*-95.86*	
		For >2,000 To 5,000, Deduct	*-156.86*	
		For >5,000, Deduct	*-260.28*	
33 01 30 72-0155	LF	24mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,388.53	
		For Vinlyester Resin, Add	*916.77*	
		For Epoxy Resin, Add	*108.05*	
		For Up To >10, Add	*891.42*	
		For >10 To 25, Add	*524.57*	
		For >25 To 50, Add	*380.22*	
		For >50 To 100, Add	*190.11*	
		For >500 To 1,000, Deduct	*-71.40*	
		For >1,000 To 2,000, Deduct	*-108.08*	
		For >2,000 To 5,000, Deduct	*-176.88*	
		For >5,000, Deduct	*-293.48*	
33 01 30 72-0156	LF	24mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,545.59	
		For Vinlyester Resin, Add	*1,020.45*	
		For Epoxy Resin, Add	*120.27*	
		For Up To >10, Add	*992.32*	
		For >10 To 25, Add	*583.97*	
		For >25 To 50, Add	*423.27*	
		For >50 To 100, Add	*211.64*	
		For >500 To 1,000, Deduct	*-79.47*	
		For >1,000 To 2,000, Deduct	*-120.31*	
		For >2,000 To 5,000, Deduct	*-196.89*	
		For >5,000, Deduct	*-326.68*	
33 01 30 72-0157	LF	24mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,705.72	
		For Vinlyester Resin, Add	*1,124.12*	
		For Epoxy Resin, Add	*132.49*	
		For Up To >10, Add	*1,102.44*	
		For >10 To 25, Add	*651.05*	
		For >25 To 50, Add	*470.92*	
		For >50 To 100, Add	*235.46*	
		For >500 To 1,000, Deduct	*-87.78*	
		For >1,000 To 2,000, Deduct	*-132.92*	
		For >2,000 To 5,000, Deduct	*-217.66*	
		For >5,000, Deduct	*-361.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0158	LF	24mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,863.03	
		For Vinlyester Resin, Add	*1,227.80*	
		For Epoxy Resin, Add	*144.71*	
		For Up To >10, Add	*1,204.09*	
		For >10 To 25, Add	*711.08*	
		For >25 To 50, Add	*514.35*	
		For >50 To 100, Add	*257.17*	
		For >500 To 1,000, Deduct	*-95.88*	
		For >1,000 To 2,000, Deduct	*-145.18*	
		For >2,000 To 5,000, Deduct	*-237.74*	
		For >5,000, Deduct	*-394.41*	
33 01 30 72-0159	LF	24mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,020.34	
		For Vinlyester Resin, Add	*1,331.48*	
		For Epoxy Resin, Add	*156.92*	
		For Up To >10, Add	*1,305.75*	
		For >10 To 25, Add	*771.10*	
		For >25 To 50, Add	*557.77*	
		For >50 To 100, Add	*278.88*	
		For >500 To 1,000, Deduct	*-103.97*	
		For >1,000 To 2,000, Deduct	*-157.44*	
		For >2,000 To 5,000, Deduct	*-257.81*	
		For >5,000, Deduct	*-427.71*	
33 01 30 72-0160	LF	24mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,177.65	
		For Vinlyester Resin, Add	*1,435.15*	
		For Epoxy Resin, Add	*169.14*	
		For Up To >10, Add	*1,407.40*	
		For >10 To 25, Add	*831.13*	
		For >25 To 50, Add	*601.19*	
		For >50 To 100, Add	*300.59*	
		For >500 To 1,000, Deduct	*-112.07*	
		For >1,000 To 2,000, Deduct	*-169.70*	
		For >2,000 To 5,000, Deduct	*-277.88*	
		For >5,000, Deduct	*-461.02*	

33 01 30 72-0161 25.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0162	LF	25.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	556.28	
		For Vinlyester Resin, Add	*367.12*	
		For Epoxy Resin, Add	*43.27*	
		For Up To >10, Add	*357.72*	
		For >10 To 25, Add	*210.69*	
		For >25 To 50, Add	*152.64*	
		For >50 To 100, Add	*76.32*	
		For >500 To 1,000, Deduct	*-28.61*	
		For >1,000 To 2,000, Deduct	*-43.31*	
		For >2,000 To 5,000, Deduct	*-70.89*	
		For >5,000, Deduct	*-117.62*	
33 01 30 72-0163	LF	25.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	639.18	
		For Vinlyester Resin, Add	*422.20*	
		For Epoxy Resin, Add	*49.76*	
		For Up To >10, Add	*409.69*	
		For >10 To 25, Add	*240.89*	
		For >25 To 50, Add	*174.69*	
		For >50 To 100, Add	*87.34*	
		For >500 To 1,000, Deduct	*-32.86*	
		For >1,000 To 2,000, Deduct	*-49.74*	
		For >2,000 To 5,000, Deduct	*-81.39*	
		For >5,000, Deduct	*-135.04*	
33 01 30 72-0164	LF	25.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	722.59	
		For Vinlyester Resin, Add	*477.27*	
		For Epoxy Resin, Add	*56.25*	
		For Up To >10, Add	*463.22*	
		For >10 To 25, Add	*272.38*	
		For >25 To 50, Add	*197.52*	
		For >50 To 100, Add	*98.76*	
		For >500 To 1,000, Deduct	*-37.15*	
		For >1,000 To 2,000, Deduct	*-56.23*	
		For >2,000 To 5,000, Deduct	*-92.01*	
		For >5,000, Deduct	*-152.67*	
33 01 30 72-0165	LF	25.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	805.88	
		For Vinlyester Resin, Add	*532.36*	
		For Epoxy Resin, Add	*62.74*	
		For Up To >10, Add	*516.37*	
		For >10 To 25, Add	*303.55*	
		For >25 To 50, Add	*220.16*	
		For >50 To 100, Add	*110.08*	
		For >500 To 1,000, Deduct	*-41.43*	
		For >1,000 To 2,000, Deduct	*-62.71*	
		For >2,000 To 5,000, Deduct	*-102.60*	
		For >5,000, Deduct	*-170.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0166	LF	25.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	972.70	
		For Vinlyester Resin, Add	*642.51*	
		For Epoxy Resin, Add	*75.72*	
		For Up To >10, Add	*623.43*	
		For >10 To 25, Add	*366.54*	
		For >25 To 50, Add	*265.82*	
		For >50 To 100, Add	*132.91*	
		For >500 To 1,000, Deduct	*-50.01*	
		For >1,000 To 2,000, Deduct	*-75.69*	
		For >2,000 To 5,000, Deduct	*-123.85*	
		For >5,000, Deduct	*-205.51*	
33 01 30 72-0167	LF	25.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,139.41	
		For Vinlyester Resin, Add	*752.67*	
		For Epoxy Resin, Add	*88.71*	
		For Up To >10, Add	*730.13*	
		For >10 To 25, Add	*429.24*	
		For >25 To 50, Add	*311.30*	
		For >50 To 100, Add	*155.65*	
		For >500 To 1,000, Deduct	*-58.57*	
		For >1,000 To 2,000, Deduct	*-88.66*	
		For >2,000 To 5,000, Deduct	*-145.07*	
		For >5,000, Deduct	*-240.72*	
33 01 30 72-0168	LF	25.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,306.24	
		For Vinlyester Resin, Add	*862.83*	
		For Epoxy Resin, Add	*101.69*	
		For Up To >10, Add	*837.20*	
		For >10 To 25, Add	*492.23*	
		For >25 To 50, Add	*356.97*	
		For >50 To 100, Add	*178.48*	
		For >500 To 1,000, Deduct	*-67.15*	
		For >1,000 To 2,000, Deduct	*-101.65*	
		For >2,000 To 5,000, Deduct	*-166.32*	
		For >5,000, Deduct	*-275.97*	
33 01 30 72-0169	LF	25.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,472.92	
		For Vinlyester Resin, Add	*972.98*	
		For Epoxy Resin, Add	*114.67*	
		For Up To >10, Add	*943.84*	
		For >10 To 25, Add	*554.87*	
		For >25 To 50, Add	*402.42*	
		For >50 To 100, Add	*201.21*	
		For >500 To 1,000, Deduct	*-75.72*	
		For >1,000 To 2,000, Deduct	*-114.62*	
		For >2,000 To 5,000, Deduct	*-187.53*	
		For >5,000, Deduct	*-311.17*	
33 01 30 72-0170	LF	25.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,639.76	
		For Vinlyester Resin, Add	*1,083.15*	
		For Epoxy Resin, Add	*127.66*	
		For Up To >10, Add	*1,050.91*	
		For >10 To 25, Add	*617.86*	
		For >25 To 50, Add	*448.09*	
		For >50 To 100, Add	*224.04*	
		For >500 To 1,000, Deduct	*-84.30*	
		For >1,000 To 2,000, Deduct	*-127.60*	
		For >2,000 To 5,000, Deduct	*-208.78*	
		For >5,000, Deduct	*-346.43*	
33 01 30 72-0171	LF	25.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,810.67	
		For Vinlyester Resin, Add	*1,193.30*	
		For Epoxy Resin, Add	*140.64*	
		For Up To >10, Add	*1,170.24*	
		For >10 To 25, Add	*691.08*	
		For >25 To 50, Add	*499.88*	
		For >50 To 100, Add	*249.94*	
		For >500 To 1,000, Deduct	*-93.18*	
		For >1,000 To 2,000, Deduct	*-141.10*	
		For >2,000 To 5,000, Deduct	*-231.06*	
		For >5,000, Deduct	*-383.33*	
33 01 30 72-0172	LF	25.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,977.88	
		For Vinlyester Resin, Add	*1,303.46*	
		For Epoxy Resin, Add	*153.62*	
		For Up To >10, Add	*1,278.44*	
		For >10 To 25, Add	*755.02*	
		For >25 To 50, Add	*546.12*	
		For >50 To 100, Add	*273.06*	
		For >500 To 1,000, Deduct	*-101.79*	
		For >1,000 To 2,000, Deduct	*-154.13*	
		For >2,000 To 5,000, Deduct	*-252.40*	
		For >5,000, Deduct	*-418.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0173	LF	25.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,144.95	
		For Vinlyester Resin, Add	*1,413.61*	
		For Epoxy Resin, Add	*166.60*	
		For Up To >10, Add	*1,386.25*	
		For >10 To 25, Add	*818.64*	
		For >25 To 50, Add	*592.15*	
		For >50 To 100, Add	*296.08*	
		For >500 To 1,000, Deduct	*-110.39*	
		For >1,000 To 2,000, Deduct	*-167.15*	
		For >2,000 To 5,000, Deduct	*-273.71*	
		For >5,000, Deduct	*-454.09*	
33 01 30 72-0174	LF	25.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,312.17	
		For Vinlyester Resin, Add	*1,523.77*	
		For Epoxy Resin, Add	*179.59*	
		For Up To >10, Add	*1,494.49*	
		For >10 To 25, Add	*882.60*	
		For >25 To 50, Add	*638.40*	
		For >50 To 100, Add	*319.20*	
		For >500 To 1,000, Deduct	*-118.99*	
		For >1,000 To 2,000, Deduct	*-180.18*	
		For >2,000 To 5,000, Deduct	*-295.06*	
		For >5,000, Deduct	*-489.51*	

33 01 30 72-0175 27mm Thick Lining Cured In-Place Pipe *(33.01 30 72-0015)*

33 01 30 72-0176	LF	27mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	586.38	
		For Vinlyester Resin, Add	*387.56*	
		For Epoxy Resin, Add	*45.68*	
		For Up To >10, Add	*374.99*	
		For >10 To 25, Add	*220.22*	
		For >25 To 50, Add	*159.81*	
		For >50 To 100, Add	*79.91*	
		For >500 To 1,000, Deduct	*-30.14*	
		For >1,000 To 2,000, Deduct	*-45.61*	
		For >2,000 To 5,000, Deduct	*-74.62*	
		For >5,000, Deduct	*-123.82*	
33 01 30 72-0177	LF	27mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	674.67	
		For Vinlyester Resin, Add	*445.88*	
		For Epoxy Resin, Add	*52.55*	
		For Up To >10, Add	*431.59*	
		For >10 To 25, Add	*253.49*	
		For >25 To 50, Add	*183.94*	
		For >50 To 100, Add	*91.97*	
		For >500 To 1,000, Deduct	*-34.68*	
		For >1,000 To 2,000, Deduct	*-52.49*	
		For >2,000 To 5,000, Deduct	*-85.86*	
		For >5,000, Deduct	*-142.47*	
33 01 30 72-0178	LF	27mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	762.98	
		For Vinlyester Resin, Add	*504.20*	
		For Epoxy Resin, Add	*59.42*	
		For Up To >10, Add	*488.22*	
		For >10 To 25, Add	*286.80*	
		For >25 To 50, Add	*208.09*	
		For >50 To 100, Add	*104.05*	
		For >500 To 1,000, Deduct	*-39.22*	
		For >1,000 To 2,000, Deduct	*-59.36*	
		For >2,000 To 5,000, Deduct	*-97.11*	
		For >5,000, Deduct	*-161.13*	
33 01 30 72-0179	LF	27mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	851.14	
		For Vinlyester Resin, Add	*562.52*	
		For Epoxy Resin, Add	*66.30*	
		For Up To >10, Add	*544.42*	
		For >10 To 25, Add	*319.75*	
		For >25 To 50, Add	*232.03*	
		For >50 To 100, Add	*116.02*	
		For >500 To 1,000, Deduct	*-43.75*	
		For >1,000 To 2,000, Deduct	*-66.21*	
		For >2,000 To 5,000, Deduct	*-108.32*	
		For >5,000, Deduct	*-179.74*	
33 01 30 72-0180	LF	27mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,027.61	
		For Vinlyester Resin, Add	*679.15*	
		For Epoxy Resin, Add	*80.04*	
		For Up To >10, Add	*657.28*	
		For >10 To 25, Add	*386.03*	
		For >25 To 50, Add	*280.13*	
		For >50 To 100, Add	*140.06*	
		For >500 To 1,000, Deduct	*-52.82*	
		For >1,000 To 2,000, Deduct	*-79.94*	
		For >2,000 To 5,000, Deduct	*-130.77*	
		For >5,000, Deduct	*-217.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0181	LF	27mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,204.21	
		For Vinlyester Resin, Add	*795.80*	
		For Epoxy Resin, Add	*93.79*	
		For Up To >10, Add	*770.51*	
		For >10 To 25, Add	*452.61*	
		For >25 To 50, Add	*328.41*	
		For >50 To 100, Add	*164.21*	
		For >500 To 1,000, Deduct	*-61.89*	
		For >1,000 To 2,000, Deduct	*-93.68*	
		For >2,000 To 5,000, Deduct	*-153.26*	
		For >5,000, Deduct	*-254.31*	
33 01 30 72-0182	LF	27mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,380.68	
		For Vinlyester Resin, Add	*912.44*	
		For Epoxy Resin, Add	*107.54*	
		For Up To >10, Add	*883.34*	
		For >10 To 25, Add	*518.87*	
		For >25 To 50, Add	*376.50*	
		For >50 To 100, Add	*188.25*	
		For >500 To 1,000, Deduct	*-70.96*	
		For >1,000 To 2,000, Deduct	*-107.41*	
		For >2,000 To 5,000, Deduct	*-175.72*	
		For >5,000, Deduct	*-291.58*	
33 01 30 72-0183	LF	27mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,557.14	
		For Vinlyester Resin, Add	*1,029.07*	
		For Epoxy Resin, Add	*121.28*	
		For Up To >10, Add	*996.17*	
		For >10 To 25, Add	*585.13*	
		For >25 To 50, Add	*424.58*	
		For >50 To 100, Add	*212.29*	
		For >500 To 1,000, Deduct	*-80.03*	
		For >1,000 To 2,000, Deduct	*-121.14*	
		For >2,000 To 5,000, Deduct	*-198.17*	
		For >5,000, Deduct	*-328.84*	
33 01 30 72-0184	LF	27mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,733.60	
		For Vinlyester Resin, Add	*1,145.70*	
		For Epoxy Resin, Add	*135.03*	
		For Up To >10, Add	*1,109.00*	
		For >10 To 25, Add	*651.38*	
		For >25 To 50, Add	*472.66*	
		For >50 To 100, Add	*236.33*	
		For >500 To 1,000, Deduct	*-89.10*	
		For >1,000 To 2,000, Deduct	*-134.86*	
		For >2,000 To 5,000, Deduct	*-220.63*	
		For >5,000, Deduct	*-366.10*	
33 01 30 72-0185	LF	27mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,915.45	
		For Vinlyester Resin, Add	*1,262.35*	
		For Epoxy Resin, Add	*148.78*	
		For Up To >10, Add	*1,237.98*	
		For >10 To 25, Add	*731.09*	
		For >25 To 50, Add	*528.82*	
		For >50 To 100, Add	*264.41*	
		For >500 To 1,000, Deduct	*-98.58*	
		For >1,000 To 2,000, Deduct	*-149.26*	
		For >2,000 To 5,000, Deduct	*-244.43*	
		For >5,000, Deduct	*-405.51*	
33 01 30 72-0186	LF	27mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,092.42	
		For Vinlyester Resin, Add	*1,378.98*	
		For Epoxy Resin, Add	*162.52*	
		For Up To >10, Add	*1,352.34*	
		For >10 To 25, Add	*798.62*	
		For >25 To 50, Add	*577.67*	
		For >50 To 100, Add	*288.83*	
		For >500 To 1,000, Deduct	*-107.68*	
		For >1,000 To 2,000, Deduct	*-163.05*	
		For >2,000 To 5,000, Deduct	*-267.01*	
		For >5,000, Deduct	*-442.97*	
33 01 30 72-0187	LF	27mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,269.39	
		For Vinlyester Resin, Add	*1,495.61*	
		For Epoxy Resin, Add	*176.27*	
		For Up To >10, Add	*1,466.70*	
		For >10 To 25, Add	*866.15*	
		For >25 To 50, Add	*626.52*	
		For >50 To 100, Add	*313.26*	
		For >500 To 1,000, Deduct	*-116.79*	
		For >1,000 To 2,000, Deduct	*-176.84*	
		For >2,000 To 5,000, Deduct	*-289.59*	
		For >5,000, Deduct	*-480.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0188	LF	27mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,446.37	
		For Vinlyester Resin, Add	*1,612.25*	
		For Epoxy Resin, Add	*190.02*	
		For Up To >10, Add	*1,581.06*	
		For >10 To 25, Add	*933.68*	
		For >25 To 50, Add	*675.37*	
		For >50 To 100, Add	*337.68*	
		For >500 To 1,000, Deduct	*-125.90*	
		For >1,000 To 2,000, Deduct	*-190.64*	
		For >2,000 To 5,000, Deduct	*-312.17*	
		For >5,000, Deduct	*-517.90*	
33 01 30 72-0189		28.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*		
33 01 30 72-0190	LF	28.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	709.74	
		For Vinlyester Resin, Add	*469.44*	
		For Epoxy Resin, Add	*55.33*	
		For Up To >10, Add	*452.65*	
		For >10 To 25, Add	*265.43*	
		For >25 To 50, Add	*192.79*	
		For >50 To 100, Add	*96.40*	
		For >500 To 1,000, Deduct	*-36.46*	
		For >1,000 To 2,000, Deduct	*-55.19*	
		For >2,000 To 5,000, Deduct	*-90.25*	
		For >5,000, Deduct	*-149.77*	
33 01 30 72-0191	LF	28.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	802.93	
		For Vinlyester Resin, Add	*531.00*	
		For Epoxy Resin, Add	*62.58*	
		For Up To >10, Add	*512.37*	
		For >10 To 25, Add	*300.54*	
		For >25 To 50, Add	*218.25*	
		For >50 To 100, Add	*109.13*	
		For >500 To 1,000, Deduct	*-41.26*	
		For >1,000 To 2,000, Deduct	*-62.44*	
		For >2,000 To 5,000, Deduct	*-102.12*	
		For >5,000, Deduct	*-169.46*	
33 01 30 72-0192	LF	28.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	895.98	
		For Vinlyester Resin, Add	*592.56*	
		For Epoxy Resin, Add	*69.84*	
		For Up To >10, Add	*571.67*	
		For >10 To 25, Add	*335.30*	
		For >25 To 50, Add	*243.51*	
		For >50 To 100, Add	*121.75*	
		For >500 To 1,000, Deduct	*-46.04*	
		For >1,000 To 2,000, Deduct	*-69.67*	
		For >2,000 To 5,000, Deduct	*-113.95*	
		For >5,000, Deduct	*-189.09*	
33 01 30 72-0193	LF	28.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,134.07	
		For Vinlyester Resin, Add	*752.07*	
		For Epoxy Resin, Add	*88.64*	
		For Up To >10, Add	*716.26*	
		For >10 To 25, Add	*417.82*	
		For >25 To 50, Add	*304.41*	
		For >50 To 100, Add	*152.21*	
		For >500 To 1,000, Deduct	*-58.20*	
		For >1,000 To 2,000, Deduct	*-88.04*	
		For >2,000 To 5,000, Deduct	*-143.85*	
		For >5,000, Deduct	*-238.75*	
33 01 30 72-0194	LF	28.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,268.31	
		For Vinlyester Resin, Add	*838.79*	
		For Epoxy Resin, Add	*98.86*	
		For Up To >10, Add	*809.26*	
		For >10 To 25, Add	*474.67*	
		For >25 To 50, Add	*344.71*	
		For >50 To 100, Add	*172.36*	
		For >500 To 1,000, Deduct	*-65.17*	
		For >1,000 To 2,000, Deduct	*-98.63*	
		For >2,000 To 5,000, Deduct	*-161.30*	
		For >5,000, Deduct	*-267.67*	
33 01 30 72-0195	LF	28.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,454.43	
		For Vinlyester Resin, Add	*961.91*	
		For Epoxy Resin, Add	*113.37*	
		For Up To >10, Add	*927.89*	
		For >10 To 25, Add	*544.22*	
		For >25 To 50, Add	*395.24*	
		For >50 To 100, Add	*197.62*	
		For >500 To 1,000, Deduct	*-74.73*	
		For >1,000 To 2,000, Deduct	*-113.10*	
		For >2,000 To 5,000, Deduct	*-184.97*	
		For >5,000, Deduct	*-306.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0196	LF	28.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,640.54	
		For Vinlyester Resin, Add	*1,085.03*	
		For Epoxy Resin, Add	*127.88*	
		For Up To >10, Add	*1,046.52*	
		For >10 To 25, Add	*613.76*	
		For >25 To 50, Add	*445.76*	
		For >50 To 100, Add	*222.88*	
		For >500 To 1,000, Deduct	*-84.29*	
		For >1,000 To 2,000, Deduct	*-127.57*	
		For >2,000 To 5,000, Deduct	*-208.63*	
		For >5,000, Deduct	*-346.21*	
33 01 30 72-0197	LF	28.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,826.63	
		For Vinlyester Resin, Add	*1,208.14*	
		For Epoxy Resin, Add	*142.39*	
		For Up To >10, Add	*1,165.09*	
		For >10 To 25, Add	*683.26*	
		For >25 To 50, Add	*496.25*	
		For >50 To 100, Add	*248.12*	
		For >500 To 1,000, Deduct	*-93.85*	
		For >1,000 To 2,000, Deduct	*-142.03*	
		For >2,000 To 5,000, Deduct	*-232.29*	
		For >5,000, Deduct	*-385.47*	
33 01 30 72-0198	LF	28.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,018.37	
		For Vinlyester Resin, Add	*1,331.26*	
		For Epoxy Resin, Add	*156.90*	
		For Up To >10, Add	*1,300.61*	
		For >10 To 25, Add	*766.88*	
		For >25 To 50, Add	*555.22*	
		For >50 To 100, Add	*277.61*	
		For >500 To 1,000, Deduct	*-103.83*	
		For >1,000 To 2,000, Deduct	*-157.21*	
		For >2,000 To 5,000, Deduct	*-257.36*	
		For >5,000, Deduct	*-426.99*	
33 01 30 72-0199	LF	28.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,204.98	
		For Vinlyester Resin, Add	*1,454.38*	
		For Epoxy Resin, Add	*171.41*	
		For Up To >10, Add	*1,420.74*	
		For >10 To 25, Add	*837.67*	
		For >25 To 50, Add	*606.49*	
		For >50 To 100, Add	*303.24*	
		For >500 To 1,000, Deduct	*-113.43*	
		For >1,000 To 2,000, Deduct	*-171.74*	
		For >2,000 To 5,000, Deduct	*-281.15*	
		For >5,000, Deduct	*-466.46*	
33 01 30 72-0200	LF	28.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,391.73	
		For Vinlyester Resin, Add	*1,577.49*	
		For Epoxy Resin, Add	*185.92*	
		For Up To >10, Add	*1,541.29*	
		For >10 To 25, Add	*908.82*	
		For >25 To 50, Add	*657.97*	
		For >50 To 100, Add	*328.98*	
		For >500 To 1,000, Deduct	*-123.04*	
		For >1,000 To 2,000, Deduct	*-186.29*	
		For >2,000 To 5,000, Deduct	*-304.97*	
		For >5,000, Deduct	*-505.98*	
33 01 30 72-0201	LF	28.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,578.35	
		For Vinlyester Resin, Add	*1,700.61*	
		For Epoxy Resin, Add	*200.43*	
		For Up To >10, Add	*1,661.45*	
		For >10 To 25, Add	*979.64*	
		For >25 To 50, Add	*709.25*	
		For >50 To 100, Add	*354.63*	
		For >500 To 1,000, Deduct	*-132.64*	
		For >1,000 To 2,000, Deduct	*-200.82*	
		For >2,000 To 5,000, Deduct	*-328.76*	
		For >5,000, Deduct	*-545.45*	

33 01 30 72-0202 30mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0203	LF	30mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	744.62	
		For Vinlyester Resin, Add	*492.88*	
		For Epoxy Resin, Add	*58.09*	
		For Up To >10, Add	*473.59*	
		For >10 To 25, Add	*277.30*	
		For >25 To 50, Add	*201.59*	
		For >50 To 100, Add	*100.79*	
		For >500 To 1,000, Deduct	*-38.24*	
		For >1,000 To 2,000, Deduct	*-57.87*	
		For >2,000 To 5,000, Deduct	*-94.62*	
		For >5,000, Deduct	*-157.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0204	LF	30mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	842.57	
		For Vinlyester Resin, Add	*557.68*	
		For Epoxy Resin, Add	*65.73*	
		For Up To >10, Add	*536.01*	
		For >10 To 25, Add	*313.90*	
		For >25 To 50, Add	*228.17*	
		For >50 To 100, Add	*114.09*	
		For >500 To 1,000, Deduct	*-43.28*	
		For >1,000 To 2,000, Deduct	*-65.49*	
		For >2,000 To 5,000, Deduct	*-107.07*	
		For >5,000, Deduct	*-177.69*	
33 01 30 72-0205	LF	30mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	940.50	
		For Vinlyester Resin, Add	*622.47*	
		For Epoxy Resin, Add	*73.36*	
		For Up To >10, Add	*598.40*	
		For >10 To 25, Add	*350.46*	
		For >25 To 50, Add	*254.74*	
		For >50 To 100, Add	*127.37*	
		For >500 To 1,000, Deduct	*-48.31*	
		For >1,000 To 2,000, Deduct	*-73.10*	
		For >2,000 To 5,000, Deduct	*-119.52*	
		For >5,000, Deduct	*-198.35*	
33 01 30 72-0206	LF	30mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,136.24	
		For Vinlyester Resin, Add	*752.07*	
		For Epoxy Resin, Add	*88.64*	
		For Up To >10, Add	*722.77*	
		For >10 To 25, Add	*423.25*	
		For >25 To 50, Add	*307.67*	
		For >50 To 100, Add	*153.83*	
		For >500 To 1,000, Deduct	*-58.36*	
		For >1,000 To 2,000, Deduct	*-88.31*	
		For >2,000 To 5,000, Deduct	*-144.39*	
		For >5,000, Deduct	*-239.62*	
33 01 30 72-0207	LF	30mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,332.12	
		For Vinlyester Resin, Add	*881.66*	
		For Epoxy Resin, Add	*103.91*	
		For Up To >10, Add	*847.56*	
		For >10 To 25, Add	*496.38*	
		For >25 To 50, Add	*360.80*	
		For >50 To 100, Add	*180.40*	
		For >500 To 1,000, Deduct	*-68.42*	
		For >1,000 To 2,000, Deduct	*-103.54*	
		For >2,000 To 5,000, Deduct	*-169.29*	
		For >5,000, Deduct	*-280.94*	
33 01 30 72-0208	LF	30mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,527.87	
		For Vinlyester Resin, Add	*1,011.26*	
		For Epoxy Resin, Add	*119.18*	
		For Up To >10, Add	*971.96*	
		For >10 To 25, Add	*569.19*	
		For >25 To 50, Add	*413.75*	
		For >50 To 100, Add	*206.87*	
		For >500 To 1,000, Deduct	*-78.47*	
		For >1,000 To 2,000, Deduct	*-118.75*	
		For >2,000 To 5,000, Deduct	*-194.16*	
		For >5,000, Deduct	*-322.22*	
33 01 30 72-0209	LF	30mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,723.74	
		For Vinlyester Resin, Add	*1,140.86*	
		For Epoxy Resin, Add	*134.46*	
		For Up To >10, Add	*1,096.72*	
		For >10 To 25, Add	*642.30*	
		For >25 To 50, Add	*466.87*	
		For >50 To 100, Add	*233.44*	
		For >500 To 1,000, Deduct	*-88.54*	
		For >1,000 To 2,000, Deduct	*-133.98*	
		For >2,000 To 5,000, Deduct	*-219.06*	
		For >5,000, Deduct	*-363.54*	
33 01 30 72-0210	LF	30mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,919.49	
		For Vinlyester Resin, Add	*1,270.46*	
		For Epoxy Resin, Add	*149.73*	
		For Up To >10, Add	*1,221.12*	
		For >10 To 25, Add	*715.11*	
		For >25 To 50, Add	*519.81*	
		For >50 To 100, Add	*259.91*	
		For >500 To 1,000, Deduct	*-98.59*	
		For >1,000 To 2,000, Deduct	*-149.19*	
		For >2,000 To 5,000, Deduct	*-243.93*	
		For >5,000, Deduct	*-404.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0211	LF	30mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,121.11	
		For Vinlyester Resin, Add	*1,400.05*	
		For Epoxy Resin, Add	*165.01*	
		For Up To >10, Add	*1,363.16*	
		For >10 To 25, Add	*802.62*	
		For >25 To 50, Add	*581.57*	
		For >50 To 100, Add	*290.79*	
		For >500 To 1,000, Deduct	*-109.08*	
		For >1,000 To 2,000, Deduct	*-165.14*	
		For >2,000 To 5,000, Deduct	*-270.27*	
		For >5,000, Deduct	*-448.43*	
33 01 30 72-0212	LF	30mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,317.37	
		For Vinlyester Resin, Add	*1,529.65*	
		For Epoxy Resin, Add	*180.28*	
		For Up To >10, Add	*1,489.09*	
		For >10 To 25, Add	*876.70*	
		For >25 To 50, Add	*635.28*	
		For >50 To 100, Add	*317.64*	
		For >500 To 1,000, Deduct	*-119.17*	
		For >1,000 To 2,000, Deduct	*-180.41*	
		For >2,000 To 5,000, Deduct	*-295.27*	
		For >5,000, Deduct	*-489.91*	
33 01 30 72-0213	LF	30mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,513.76	
		For Vinlyester Resin, Add	*1,659.25*	
		For Epoxy Resin, Add	*195.55*	
		For Up To >10, Add	*1,615.41*	
		For >10 To 25, Add	*951.11*	
		For >25 To 50, Add	*689.19*	
		For >50 To 100, Add	*344.59*	
		For >500 To 1,000, Deduct	*-129.27*	
		For >1,000 To 2,000, Deduct	*-195.70*	
		For >2,000 To 5,000, Deduct	*-320.29*	
		For >5,000, Deduct	*-531.43*	
33 01 30 72-0214	LF	30mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,710.15	
		For Vinlyester Resin, Add	*1,788.84*	
		For Epoxy Resin, Add	*210.83*	
		For Up To >10, Add	*1,741.73*	
		For >10 To 25, Add	*1,025.52*	
		For >25 To 50, Add	*743.09*	
		For >50 To 100, Add	*371.54*	
		For >500 To 1,000, Deduct	*-139.37*	
		For >1,000 To 2,000, Deduct	*-210.99*	
		For >2,000 To 5,000, Deduct	*-345.32*	
		For >5,000, Deduct	*-572.96*	
33 01 30 72-0215	LF	30mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,906.41	
		For Vinlyester Resin, Add	*1,918.44*	
		For Epoxy Resin, Add	*226.10*	
		For Up To >10, Add	*1,867.66*	
		For >10 To 25, Add	*1,099.61*	
		For >25 To 50, Add	*796.80*	
		For >50 To 100, Add	*398.40*	
		For >500 To 1,000, Deduct	*-149.47*	
		For >1,000 To 2,000, Deduct	*-226.27*	
		For >2,000 To 5,000, Deduct	*-370.32*	
		For >5,000, Deduct	*-614.44*	
33 01 30 72-0216	LF	30mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,102.79	
		For Vinlyester Resin, Add	*2,048.03*	
		For Epoxy Resin, Add	*241.38*	
		For Up To >10, Add	*1,993.97*	
		For >10 To 25, Add	*1,174.02*	
		For >25 To 50, Add	*850.70*	
		For >50 To 100, Add	*425.35*	
		For >500 To 1,000, Deduct	*-159.57*	
		For >1,000 To 2,000, Deduct	*-241.56*	
		For >2,000 To 5,000, Deduct	*-395.35*	
		For >5,000, Deduct	*-655.96*	

33 01 30 72-0217 31.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0218	LF	31.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	779.33	
		For Vinlyester Resin, Add	*516.18*	
		For Epoxy Resin, Add	*60.84*	
		For Up To >10, Add	*494.49*	
		For >10 To 25, Add	*289.18*	
		For >25 To 50, Add	*210.38*	
		For >50 To 100, Add	*105.19*	
		For >500 To 1,000, Deduct	*-40.01*	
		For >1,000 To 2,000, Deduct	*-60.55*	
		For >2,000 To 5,000, Deduct	*-98.97*	
		For >5,000, Deduct	*-164.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0219	LF	31.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	882.02	
		For Vinlyester Resin, Add	*584.22*	
		For Epoxy Resin, Add	*68.85*	
		For Up To >10, Add	*559.56*	
		For >10 To 25, Add	*327.20*	
		For >25 To 50, Add	*238.05*	
		For >50 To 100, Add	*119.03*	
		For >500 To 1,000, Deduct	*-45.29*	
		For >1,000 To 2,000, Deduct	*-68.52*	
		For >2,000 To 5,000, Deduct	*-112.01*	
		For >5,000, Deduct	*-185.89*	
33 01 30 72-0220	LF	31.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	984.70	
		For Vinlyester Resin, Add	*652.25*	
		For Epoxy Resin, Add	*76.87*	
		For Up To >10, Add	*624.63*	
		For >10 To 25, Add	*365.22*	
		For >25 To 50, Add	*265.72*	
		For >50 To 100, Add	*132.86*	
		For >500 To 1,000, Deduct	*-50.56*	
		For >1,000 To 2,000, Deduct	*-76.50*	
		For >2,000 To 5,000, Deduct	*-125.04*	
		For >5,000, Deduct	*-207.52*	
33 01 30 72-0221	LF	31.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,190.23	
		For Vinlyester Resin, Add	*788.33*	
		For Epoxy Resin, Add	*92.91*	
		For Up To >10, Add	*755.22*	
		For >10 To 25, Add	*441.65*	
		For >25 To 50, Add	*321.30*	
		For >50 To 100, Add	*160.65*	
		For >500 To 1,000, Deduct	*-61.11*	
		For >1,000 To 2,000, Deduct	*-92.47*	
		For >2,000 To 5,000, Deduct	*-151.15*	
		For >5,000, Deduct	*-250.85*	
33 01 30 72-0222	LF	31.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,395.62	
		For Vinlyester Resin, Add	*924.41*	
		For Epoxy Resin, Add	*108.95*	
		For Up To >10, Add	*885.39*	
		For >10 To 25, Add	*517.72*	
		For >25 To 50, Add	*376.66*	
		For >50 To 100, Add	*188.33*	
		For >500 To 1,000, Deduct	*-71.66*	
		For >1,000 To 2,000, Deduct	*-108.42*	
		For >2,000 To 5,000, Deduct	*-177.23*	
		For >5,000, Deduct	*-294.13*	
33 01 30 72-0223	LF	31.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,601.12	
		For Vinlyester Resin, Add	*1,060.49*	
		For Epoxy Resin, Add	*124.99*	
		For Up To >10, Add	*1,015.91*	
		For >10 To 25, Add	*594.10*	
		For >25 To 50, Add	*432.21*	
		For >50 To 100, Add	*216.10*	
		For >500 To 1,000, Deduct	*-82.21*	
		For >1,000 To 2,000, Deduct	*-124.39*	
		For >2,000 To 5,000, Deduct	*-203.33*	
		For >5,000, Deduct	*-337.45*	
33 01 30 72-0224	LF	31.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,806.51	
		For Vinlyester Resin, Add	*1,196.56*	
		For Epoxy Resin, Add	*141.02*	
		For Up To >10, Add	*1,146.11*	
		For >10 To 25, Add	*670.19*	
		For >25 To 50, Add	*487.58*	
		For >50 To 100, Add	*243.79*	
		For >500 To 1,000, Deduct	*-92.75*	
		For >1,000 To 2,000, Deduct	*-140.35*	
		For >2,000 To 5,000, Deduct	*-229.41*	
		For >5,000, Deduct	*-380.73*	
33 01 30 72-0225	LF	31.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,011.90	
		For Vinlyester Resin, Add	*1,332.64*	
		For Epoxy Resin, Add	*157.06*	
		For Up To >10, Add	*1,276.28*	
		For >10 To 25, Add	*746.27*	
		For >25 To 50, Add	*542.95*	
		For >50 To 100, Add	*271.47*	
		For >500 To 1,000, Deduct	*-103.30*	
		For >1,000 To 2,000, Deduct	*-156.30*	
		For >2,000 To 5,000, Deduct	*-255.48*	
		For >5,000, Deduct	*-424.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0226	LF	31.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,223.43	
		For Vinlyester Resin, Add	*1,468.72*	
		For Epoxy Resin, Add	*173.10*	
		For Up To >10, Add	*1,424.87*	
		For >10 To 25, Add	*837.69*	
		For >25 To 50, Add	*607.52*	
		For >50 To 100, Add	*303.76*	
		For >500 To 1,000, Deduct	*-114.30*	
		For >1,000 To 2,000, Deduct	*-173.02*	
		For >2,000 To 5,000, Deduct	*-283.10*	
		For >5,000, Deduct	*-469.74*	
33 01 30 72-0227	LF	31.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,445.23	
		For Vinlyester Resin, Add	*1,615.75*	
		For Epoxy Resin, Add	*190.43*	
		For Up To >10, Add	*1,565.14*	
		For >10 To 25, Add	*919.58*	
		For >25 To 50, Add	*667.16*	
		For >50 To 100, Add	*333.58*	
		For >500 To 1,000, Deduct	*-125.69*	
		For >1,000 To 2,000, Deduct	*-190.24*	
		For >2,000 To 5,000, Deduct	*-311.24*	
		For >5,000, Deduct	*-516.45*	
33 01 30 72-0228	LF	31.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,635.35	
		For Vinlyester Resin, Add	*1,740.87*	
		For Epoxy Resin, Add	*205.17*	
		For Up To >10, Add	*1,688.68*	
		For >10 To 25, Add	*992.74*	
		For >25 To 50, Add	*719.99*	
		For >50 To 100, Add	*360.00*	
		For >500 To 1,000, Deduct	*-135.48*	
		For >1,000 To 2,000, Deduct	*-205.07*	
		For >2,000 To 5,000, Deduct	*-335.53*	
		For >5,000, Deduct	*-556.75*	
33 01 30 72-0229	LF	31.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,841.38	
		For Vinlyester Resin, Add	*1,876.95*	
		For Epoxy Resin, Add	*221.21*	
		For Up To >10, Add	*1,820.77*	
		For >10 To 25, Add	*1,070.41*	
		For >25 To 50, Add	*776.32*	
		For >50 To 100, Add	*388.16*	
		For >500 To 1,000, Deduct	*-146.07*	
		For >1,000 To 2,000, Deduct	*-221.11*	
		For >2,000 To 5,000, Deduct	*-361.77*	
		For >5,000, Deduct	*-600.28*	
33 01 30 72-0230	LF	31.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,047.27	
		For Vinlyester Resin, Add	*2,013.02*	
		For Epoxy Resin, Add	*237.25*	
		For Up To >10, Add	*1,952.46*	
		For >10 To 25, Add	*1,147.76*	
		For >25 To 50, Add	*832.44*	
		For >50 To 100, Add	*416.22*	
		For >500 To 1,000, Deduct	*-156.65*	
		For >1,000 To 2,000, Deduct	*-237.12*	
		For >2,000 To 5,000, Deduct	*-387.97*	
		For >5,000, Deduct	*-643.76*	
33 01 30 72-0231	LF	31.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,253.30	
		For Vinlyester Resin, Add	*2,149.10*	
		For Epoxy Resin, Add	*253.29*	
		For Up To >10, Add	*2,084.55*	
		For >10 To 25, Add	*1,225.44*	
		For >25 To 50, Add	*888.77*	
		For >50 To 100, Add	*444.38*	
		For >500 To 1,000, Deduct	*-167.24*	
		For >1,000 To 2,000, Deduct	*-253.16*	
		For >2,000 To 5,000, Deduct	*-414.21*	
		For >5,000, Deduct	*-687.29*	

33 01 30 72-0232 33mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0233	LF	33mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	813.71	
		For Vinlyester Resin, Add	*539.36*	
		For Epoxy Resin, Add	*63.57*	
		For Up To >10, Add	*514.86*	
		For >10 To 25, Add	*300.63*	
		For >25 To 50, Add	*218.90*	
		For >50 To 100, Add	*109.45*	
		For >500 To 1,000, Deduct	*-41.77*	
		For >1,000 To 2,000, Deduct	*-63.19*	
		For >2,000 To 5,000, Deduct	*-103.26*	
		For >5,000, Deduct	*-171.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0234	LF	33mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	921.29	
		For Vinlyester Resin, Add	*610.63*	
		For Epoxy Resin, Add	*71.97*	
		For Up To >10, Add	*583.05*	
		For >10 To 25, Add	*340.48*	
		For >25 To 50, Add	*247.91*	
		For >50 To 100, Add	*123.95*	
		For >500 To 1,000, Deduct	*-47.29*	
		For >1,000 To 2,000, Deduct	*-71.54*	
		For >2,000 To 5,000, Deduct	*-116.92*	
		For >5,000, Deduct	*-194.05*	
33 01 30 72-0235	LF	33mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,028.73	
		For Vinlyester Resin, Add	*681.91*	
		For Epoxy Resin, Add	*80.37*	
		For Up To >10, Add	*650.79*	
		For >10 To 25, Add	*379.97*	
		For >25 To 50, Add	*276.69*	
		For >50 To 100, Add	*138.34*	
		For >500 To 1,000, Deduct	*-52.80*	
		For >1,000 To 2,000, Deduct	*-79.88*	
		For >2,000 To 5,000, Deduct	*-130.54*	
		For >5,000, Deduct	*-216.66*	
33 01 30 72-0236	LF	33mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,243.90	
		For Vinlyester Resin, Add	*824.47*	
		For Epoxy Resin, Add	*97.17*	
		For Up To >10, Add	*787.15*	
		For >10 To 25, Add	*459.66*	
		For >25 To 50, Add	*334.68*	
		For >50 To 100, Add	*167.34*	
		For >500 To 1,000, Deduct	*-63.85*	
		For >1,000 To 2,000, Deduct	*-96.60*	
		For >2,000 To 5,000, Deduct	*-157.86*	
		For >5,000, Deduct	*-262.00*	
33 01 30 72-0237	LF	33mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,458.92	
		For Vinlyester Resin, Add	*967.02*	
		For Epoxy Resin, Add	*113.97*	
		For Up To >10, Add	*923.11*	
		For >10 To 25, Add	*539.02*	
		For >25 To 50, Add	*392.48*	
		For >50 To 100, Add	*196.24*	
		For >500 To 1,000, Deduct	*-74.88*	
		For >1,000 To 2,000, Deduct	*-113.29*	
		For >2,000 To 5,000, Deduct	*-185.14*	
		For >5,000, Deduct	*-307.28*	
33 01 30 72-0238	LF	33mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,674.08	
		For Vinlyester Resin, Add	*1,109.58*	
		For Epoxy Resin, Add	*130.77*	
		For Up To >10, Add	*1,059.44*	
		For >10 To 25, Add	*618.68*	
		For >25 To 50, Add	*450.46*	
		For >50 To 100, Add	*225.23*	
		For >500 To 1,000, Deduct	*-85.93*	
		For >1,000 To 2,000, Deduct	*-130.00*	
		For >2,000 To 5,000, Deduct	*-212.45*	
		For >5,000, Deduct	*-352.61*	
33 01 30 72-0239	LF	33mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,889.11	
		For Vinlyester Resin, Add	*1,252.14*	
		For Epoxy Resin, Add	*147.57*	
		For Up To >10, Add	*1,195.41*	
		For >10 To 25, Add	*698.04*	
		For >25 To 50, Add	*508.26*	
		For >50 To 100, Add	*254.13*	
		For >500 To 1,000, Deduct	*-96.96*	
		For >1,000 To 2,000, Deduct	*-146.70*	
		For >2,000 To 5,000, Deduct	*-239.74*	
		For >5,000, Deduct	*-397.89*	
33 01 30 72-0240	LF	33mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,104.13	
		For Vinlyester Resin, Add	*1,394.69*	
		For Epoxy Resin, Add	*164.37*	
		For Up To >10, Add	*1,331.34*	
		For >10 To 25, Add	*777.38*	
		For >25 To 50, Add	*566.05*	
		For >50 To 100, Add	*283.02*	
		For >500 To 1,000, Deduct	*-108.00*	
		For >1,000 To 2,000, Deduct	*-163.40*	
		For >2,000 To 5,000, Deduct	*-267.02*	
		For >5,000, Deduct	*-443.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0241	LF	33mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,325.42	
		For Vinlyester Resin, Add	*1,537.25*	
		For Epoxy Resin, Add	*181.18*	
		For Up To >10, Add	*1,486.09*	
		For >10 To 25, Add	*872.39*	
		For >25 To 50, Add	*633.24*	
		For >50 To 100, Add	*316.62*	
		For >500 To 1,000, Deduct	*-119.50*	
		For >1,000 To 2,000, Deduct	*-180.87*	
		For >2,000 To 5,000, Deduct	*-295.87*	
		For >5,000, Deduct	*-490.95*	
33 01 30 72-0242	LF	33mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,541.48	
		For Vinlyester Resin, Add	*1,679.81*	
		For Epoxy Resin, Add	*197.98*	
		For Up To >10, Add	*1,625.12*	
		For >10 To 25, Add	*954.31*	
		For >25 To 50, Add	*692.57*	
		For >50 To 100, Add	*346.29*	
		For >500 To 1,000, Deduct	*-130.62*	
		For >1,000 To 2,000, Deduct	*-197.70*	
		For >2,000 To 5,000, Deduct	*-323.41*	
		For >5,000, Deduct	*-536.65*	
33 01 30 72-0243	LF	33mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,756.63	
		For Vinlyester Resin, Add	*1,822.37*	
		For Epoxy Resin, Add	*214.78*	
		For Up To >10, Add	*1,761.44*	
		For >10 To 25, Add	*1,033.97*	
		For >25 To 50, Add	*750.55*	
		For >50 To 100, Add	*375.28*	
		For >500 To 1,000, Deduct	*-141.66*	
		For >1,000 To 2,000, Deduct	*-214.41*	
		For >2,000 To 5,000, Deduct	*-350.72*	
		For >5,000, Deduct	*-581.98*	
33 01 30 72-0244	LF	33mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,972.30	
		For Vinlyester Resin, Add	*1,964.92*	
		For Epoxy Resin, Add	*231.58*	
		For Up To >10, Add	*1,899.33*	
		For >10 To 25, Add	*1,114.93*	
		For >25 To 50, Add	*809.31*	
		For >50 To 100, Add	*404.66*	
		For >500 To 1,000, Deduct	*-152.75*	
		For >1,000 To 2,000, Deduct	*-231.19*	
		For >2,000 To 5,000, Deduct	*-378.16*	
		For >5,000, Deduct	*-627.51*	
33 01 30 72-0245	LF	33mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,187.96	
		For Vinlyester Resin, Add	*2,107.48*	
		For Epoxy Resin, Add	*248.38*	
		For Up To >10, Add	*2,037.18*	
		For >10 To 25, Add	*1,195.87*	
		For >25 To 50, Add	*868.06*	
		For >50 To 100, Add	*434.03*	
		For >500 To 1,000, Deduct	*-163.83*	
		For >1,000 To 2,000, Deduct	*-247.96*	
		For >2,000 To 5,000, Deduct	*-405.60*	
		For >5,000, Deduct	*-673.05*	
33 01 30 72-0246	LF	33mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,403.63	
		For Vinlyester Resin, Add	*2,250.03*	
		For Epoxy Resin, Add	*265.18*	
		For Up To >10, Add	*2,175.07*	
		For >10 To 25, Add	*1,276.83*	
		For >25 To 50, Add	*926.82*	
		For >50 To 100, Add	*463.41*	
		For >500 To 1,000, Deduct	*-174.91*	
		For >1,000 To 2,000, Deduct	*-264.74*	
		For >2,000 To 5,000, Deduct	*-433.04*	
		For >5,000, Deduct	*-718.59*	

33 01 30 72-0247 34.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0248	LF	34.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	959.99	
		For Vinlyester Resin, Add	*636.92*	
		For Epoxy Resin, Add	*75.07*	
		For Up To >10, Add	*605.25*	
		For >10 To 25, Add	*352.72*	
		For >25 To 50, Add	*257.13*	
		For >50 To 100, Add	*128.56*	
		For >500 To 1,000, Deduct	*-49.25*	
		For >1,000 To 2,000, Deduct	*-74.50*	
		For >2,000 To 5,000, Deduct	*-121.71*	
		For >5,000, Deduct	*-202.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0249	LF	34.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,072.32	
		For Vinlyester Resin, Add	*711.44*	
		For Epoxy Resin, Add	*83.85*	
		For Up To >10, Add	*676.11*	
		For >10 To 25, Add	*394.04*	
		For >25 To 50, Add	*287.24*	
		For >50 To 100, Add	*143.62*	
		For >500 To 1,000, Deduct	*-55.02*	
		For >1,000 To 2,000, Deduct	*-83.22*	
		For >2,000 To 5,000, Deduct	*-135.96*	
		For >5,000, Deduct	*-225.66*	
33 01 30 72-0250	LF	34.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,297.00	
		For Vinlyester Resin, Add	*860.48*	
		For Epoxy Resin, Add	*101.41*	
		For Up To >10, Add	*817.85*	
		For >10 To 25, Add	*476.67*	
		For >25 To 50, Add	*347.46*	
		For >50 To 100, Add	*173.73*	
		For >500 To 1,000, Deduct	*-66.54*	
		For >1,000 To 2,000, Deduct	*-100.66*	
		For >2,000 To 5,000, Deduct	*-164.45*	
		For >5,000, Deduct	*-272.95*	
33 01 30 72-0251	LF	34.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,521.53	
		For Vinlyester Resin, Add	*1,009.51*	
		For Epoxy Resin, Add	*118.98*	
		For Up To >10, Add	*959.19*	
		For >10 To 25, Add	*558.97*	
		For >25 To 50, Add	*407.49*	
		For >50 To 100, Add	*203.74*	
		For >500 To 1,000, Deduct	*-78.06*	
		For >1,000 To 2,000, Deduct	*-118.08*	
		For >2,000 To 5,000, Deduct	*-192.90*	
		For >5,000, Deduct	*-320.18*	
33 01 30 72-0252	LF	34.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,746.20	
		For Vinlyester Resin, Add	*1,158.55*	
		For Epoxy Resin, Add	*136.54*	
		For Up To >10, Add	*1,100.93*	
		For >10 To 25, Add	*641.59*	
		For >25 To 50, Add	*467.71*	
		For >50 To 100, Add	*233.85*	
		For >500 To 1,000, Deduct	*-89.59*	
		For >1,000 To 2,000, Deduct	*-135.52*	
		For >2,000 To 5,000, Deduct	*-221.39*	
		For >5,000, Deduct	*-367.47*	
33 01 30 72-0253	LF	34.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,970.75	
		For Vinlyester Resin, Add	*1,307.59*	
		For Epoxy Resin, Add	*154.11*	
		For Up To >10, Add	*1,242.30*	
		For >10 To 25, Add	*723.92*	
		For >25 To 50, Add	*527.75*	
		For >50 To 100, Add	*263.88*	
		For >500 To 1,000, Deduct	*-101.11*	
		For >1,000 To 2,000, Deduct	*-152.94*	
		For >2,000 To 5,000, Deduct	*-249.85*	
		For >5,000, Deduct	*-414.70*	
33 01 30 72-0254	LF	34.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,195.42	
		For Vinlyester Resin, Add	*1,456.62*	
		For Epoxy Resin, Add	*171.67*	
		For Up To >10, Add	*1,384.04*	
		For >10 To 25, Add	*806.55*	
		For >25 To 50, Add	*587.97*	
		For >50 To 100, Add	*293.99*	
		For >500 To 1,000, Deduct	*-112.63*	
		For >1,000 To 2,000, Deduct	*-170.38*	
		For >2,000 To 5,000, Deduct	*-278.34*	
		For >5,000, Deduct	*-461.99*	
33 01 30 72-0255	LF	34.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,426.34	
		For Vinlyester Resin, Add	*1,605.66*	
		For Epoxy Resin, Add	*189.24*	
		For Up To >10, Add	*1,544.52*	
		For >10 To 25, Add	*904.80*	
		For >25 To 50, Add	*657.57*	
		For >50 To 100, Add	*328.79*	
		For >500 To 1,000, Deduct	*-124.63*	
		For >1,000 To 2,000, Deduct	*-188.60*	
		For >2,000 To 5,000, Deduct	*-308.39*	
		For >5,000, Deduct	*-511.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0256	LF	34.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,651.77	
		For Vinlyester Resin, Add	*1,754.69*	
		For Epoxy Resin, Add	*206.80*	
		For Up To >10, Add	*1,688.56*	
		For >10 To 25, Add	*989.35*	
		For >25 To 50, Add	*718.95*	
		For >50 To 100, Add	*359.47*	
		For >500 To 1,000, Deduct	*-136.22*	
		For >1,000 To 2,000, Deduct	*-206.14*	
		For >2,000 To 5,000, Deduct	*-337.07*	
		For >5,000, Deduct	*-559.37*	
33 01 30 72-0257	LF	34.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,874.66	
		For Vinlyester Resin, Add	*1,903.73*	
		For Epoxy Resin, Add	*224.37*	
		For Up To >10, Add	*1,824.93*	
		For >10 To 25, Add	*1,067.51*	
		For >25 To 50, Add	*776.48*	
		For >50 To 100, Add	*388.24*	
		For >500 To 1,000, Deduct	*-147.61*	
		For >1,000 To 2,000, Deduct	*-223.35*	
		For >2,000 To 5,000, Deduct	*-365.11*	
		For >5,000, Deduct	*-605.94*	
33 01 30 72-0258	LF	34.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,102.00	
		For Vinlyester Resin, Add	*2,052.76*	
		For Epoxy Resin, Add	*241.93*	
		For Up To >10, Add	*1,974.70*	
		For >10 To 25, Add	*1,156.83*	
		For >25 To 50, Add	*840.72*	
		For >50 To 100, Add	*420.36*	
		For >500 To 1,000, Deduct	*-159.34*	
		For >1,000 To 2,000, Deduct	*-241.12*	
		For >2,000 To 5,000, Deduct	*-394.27*	
		For >5,000, Deduct	*-654.30*	
33 01 30 72-0259	LF	34.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,327.18	
		For Vinlyester Resin, Add	*2,201.80*	
		For Epoxy Resin, Add	*259.50*	
		For Up To >10, Add	*2,117.97*	
		For >10 To 25, Add	*1,240.73*	
		For >25 To 50, Add	*901.71*	
		For >50 To 100, Add	*450.86*	
		For >500 To 1,000, Deduct	*-170.90*	
		For >1,000 To 2,000, Deduct	*-258.63*	
		For >2,000 To 5,000, Deduct	*-422.89*	
		For >5,000, Deduct	*-701.79*	
33 01 30 72-0260	LF	34.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,552.37	
		For Vinlyester Resin, Add	*2,350.84*	
		For Epoxy Resin, Add	*277.06*	
		For Up To >10, Add	*2,261.26*	
		For >10 To 25, Add	*1,324.66*	
		For >25 To 50, Add	*962.71*	
		For >50 To 100, Add	*481.36*	
		For >500 To 1,000, Deduct	*-182.47*	
		For >1,000 To 2,000, Deduct	*-276.13*	
		For >2,000 To 5,000, Deduct	*-451.51*	
		For >5,000, Deduct	*-749.28*	

33 01 30 72-0261 36mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0262	LF	36mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	998.53	
		For Vinlyester Resin, Add	*663.09*	
		For Epoxy Resin, Add	*78.15*	
		For Up To >10, Add	*627.42*	
		For >10 To 25, Add	*364.97*	
		For >25 To 50, Add	*266.34*	
		For >50 To 100, Add	*133.17*	
		For >500 To 1,000, Deduct	*-51.21*	
		For >1,000 To 2,000, Deduct	*-77.45*	
		For >2,000 To 5,000, Deduct	*-126.49*	
		For >5,000, Deduct	*-209.96*	
33 01 30 72-0263	LF	36mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,115.61	
		For Vinlyester Resin, Add	*740.85*	
		For Epoxy Resin, Add	*87.31*	
		For Up To >10, Add	*700.96*	
		For >10 To 25, Add	*407.74*	
		For >25 To 50, Add	*297.56*	
		For >50 To 100, Add	*148.78*	
		For >500 To 1,000, Deduct	*-57.21*	
		For >1,000 To 2,000, Deduct	*-86.53*	
		For >2,000 To 5,000, Deduct	*-141.32*	
		For >5,000, Deduct	*-234.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0264	LF	36mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,349.79	
		For Vinlyester Resin, Add	*896.36*	
		For Epoxy Resin, Add	*105.64*	
		For Up To >10, Add	*848.07*	
		For >10 To 25, Add	*493.31*	
		For >25 To 50, Add	*360.01*	
		For >50 To 100, Add	*180.00*	
		For >500 To 1,000, Deduct	*-69.22*	
		For >1,000 To 2,000, Deduct	*-104.70*	
		For >2,000 To 5,000, Deduct	*-170.98*	
		For >5,000, Deduct	*-283.81*	
33 01 30 72-0265	LF	36mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,583.97	
		For Vinlyester Resin, Add	*1,051.88*	
		For Epoxy Resin, Add	*123.97*	
		For Up To >10, Add	*995.21*	
		For >10 To 25, Add	*578.90*	
		For >25 To 50, Add	*422.47*	
		For >50 To 100, Add	*211.24*	
		For >500 To 1,000, Deduct	*-81.23*	
		For >1,000 To 2,000, Deduct	*-122.86*	
		For >2,000 To 5,000, Deduct	*-200.64*	
		For >5,000, Deduct	*-333.05*	
33 01 30 72-0266	LF	36mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,818.03	
		For Vinlyester Resin, Add	*1,207.40*	
		For Epoxy Resin, Add	*142.30*	
		For Up To >10, Add	*1,141.97*	
		For >10 To 25, Add	*664.16*	
		For >25 To 50, Add	*484.74*	
		For >50 To 100, Add	*242.37*	
		For >500 To 1,000, Deduct	*-93.23*	
		For >1,000 To 2,000, Deduct	*-141.01*	
		For >2,000 To 5,000, Deduct	*-230.28*	
		For >5,000, Deduct	*-382.24*	
33 01 30 72-0267	LF	36mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,052.21	
		For Vinlyester Resin, Add	*1,362.91*	
		For Epoxy Resin, Add	*160.63*	
		For Up To >10, Add	*1,289.11*	
		For >10 To 25, Add	*749.75*	
		For >25 To 50, Add	*547.20*	
		For >50 To 100, Add	*273.60*	
		For >500 To 1,000, Deduct	*-105.24*	
		For >1,000 To 2,000, Deduct	*-159.18*	
		For >2,000 To 5,000, Deduct	*-259.94*	
		For >5,000, Deduct	*-431.48*	
33 01 30 72-0268	LF	36mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,286.39	
		For Vinlyester Resin, Add	*1,518.43*	
		For Epoxy Resin, Add	*178.96*	
		For Up To >10, Add	*1,436.22*	
		For >10 To 25, Add	*835.32*	
		For >25 To 50, Add	*609.65*	
		For >50 To 100, Add	*304.83*	
		For >500 To 1,000, Deduct	*-117.25*	
		For >1,000 To 2,000, Deduct	*-177.34*	
		For >2,000 To 5,000, Deduct	*-289.60*	
		For >5,000, Deduct	*-480.72*	
33 01 30 72-0269	LF	36mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,527.08	
		For Vinlyester Resin, Add	*1,673.94*	
		For Epoxy Resin, Add	*197.29*	
		For Up To >10, Add	*1,602.89*	
		For >10 To 25, Add	*937.19*	
		For >25 To 50, Add	*681.88*	
		For >50 To 100, Add	*340.94*	
		For >500 To 1,000, Deduct	*-129.75*	
		For >1,000 To 2,000, Deduct	*-196.32*	
		For >2,000 To 5,000, Deduct	*-320.90*	
		For >5,000, Deduct	*-532.56*	
33 01 30 72-0270	LF	36mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,761.91	
		For Vinlyester Resin, Add	*1,829.46*	
		For Epoxy Resin, Add	*215.61*	
		For Up To >10, Add	*1,751.96*	
		For >10 To 25, Add	*1,024.38*	
		For >25 To 50, Add	*745.30*	
		For >50 To 100, Add	*372.65*	
		For >500 To 1,000, Deduct	*-141.81*	
		For >1,000 To 2,000, Deduct	*-214.56*	
		For >2,000 To 5,000, Deduct	*-350.72*	
		For >5,000, Deduct	*-582.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0271	LF	36mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,992.37	
		For Vinlyester Resin, Add	*1,984.97*	
		For Epoxy Resin, Add	*233.94*	
		For Up To >10, Add	*1,887.94*	
		For >10 To 25, Add	*1,100.67*	
		For >25 To 50, Add	*802.18*	
		For >50 To 100, Add	*401.09*	
		For >500 To 1,000, Deduct	*-153.54*	
		For >1,000 To 2,000, Deduct	*-232.26*	
		For >2,000 To 5,000, Deduct	*-379.46*	
		For >5,000, Deduct	*-629.81*	
33 01 30 72-0272	LF	36mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,231.41	
		For Vinlyester Resin, Add	*2,140.49*	
		For Epoxy Resin, Add	*252.27*	
		For Up To >10, Add	*2,049.63*	
		For >10 To 25, Add	*1,198.39*	
		For >25 To 50, Add	*871.92*	
		For >50 To 100, Add	*435.96*	
		For >500 To 1,000, Deduct	*-165.91*	
		For >1,000 To 2,000, Deduct	*-251.03*	
		For >2,000 To 5,000, Deduct	*-410.33*	
		For >5,000, Deduct	*-681.00*	
33 01 30 72-0273	LF	36mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,466.23	
		For Vinlyester Resin, Add	*2,296.00*	
		For Epoxy Resin, Add	*270.60*	
		For Up To >10, Add	*2,198.69*	
		For >10 To 25, Add	*1,285.58*	
		For >25 To 50, Add	*935.35*	
		For >50 To 100, Add	*467.67*	
		For >500 To 1,000, Deduct	*-177.97*	
		For >1,000 To 2,000, Deduct	*-269.28*	
		For >2,000 To 5,000, Deduct	*-440.16*	
		For >5,000, Deduct	*-730.49*	
33 01 30 72-0274	LF	36mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,701.05	
		For Vinlyester Resin, Add	*2,451.52*	
		For Epoxy Resin, Add	*288.93*	
		For Up To >10, Add	*2,347.73*	
		For >10 To 25, Add	*1,372.74*	
		For >25 To 50, Add	*998.75*	
		For >50 To 100, Add	*499.38*	
		For >500 To 1,000, Deduct	*-190.02*	
		For >1,000 To 2,000, Deduct	*-287.52*	
		For >2,000 To 5,000, Deduct	*-469.98*	
		For >5,000, Deduct	*-779.99*	
33 01 30 72-0275	LF	36mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,935.75	
		For Vinlyester Resin, Add	*2,607.04*	
		For Epoxy Resin, Add	*307.26*	
		For Up To >10, Add	*2,496.40*	
		For >10 To 25, Add	*1,459.61*	
		For >25 To 50, Add	*1,061.98*	
		For >50 To 100, Add	*530.99*	
		For >500 To 1,000, Deduct	*-202.07*	
		For >1,000 To 2,000, Deduct	*-305.75*	
		For >2,000 To 5,000, Deduct	*-499.77*	
		For >5,000, Deduct	*-829.43*	
33 01 30 72-0276	LF	36mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,170.57	
		For Vinlyester Resin, Add	*2,762.55*	
		For Epoxy Resin, Add	*325.59*	
		For Up To >10, Add	*2,645.46*	
		For >10 To 25, Add	*1,546.80*	
		For >25 To 50, Add	*1,125.41*	
		For >50 To 100, Add	*562.70*	
		For >500 To 1,000, Deduct	*-214.13*	
		For >1,000 To 2,000, Deduct	*-324.00*	
		For >2,000 To 5,000, Deduct	*-529.60*	
		For >5,000, Deduct	*-878.93*	

33 01 30 72-0277 37.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0278	LF	37.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,158.58	
		For Vinlyester Resin, Add	*770.12*	
		For Epoxy Resin, Add	*90.76*	
		For Up To >10, Add	*725.32*	
		For >10 To 25, Add	*421.07*	
		For >25 To 50, Add	*307.65*	
		For >50 To 100, Add	*153.82*	
		For >500 To 1,000, Deduct	*-59.39*	
		For >1,000 To 2,000, Deduct	*-89.81*	
		For >2,000 To 5,000, Deduct	*-146.62*	
		For >5,000, Deduct	*-243.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0279	LF	37.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,402.27	
		For Vinlyester Resin, Add	*932.11*	
		For Epoxy Resin, Add	*109.86*	
		For Up To >10, Add	*877.84*	
		For >10 To 25, Add	*509.60*	
		For >25 To 50, Add	*372.34*	
		For >50 To 100, Add	*186.17*	
		For >500 To 1,000, Deduct	*-71.88*	
		For >1,000 To 2,000, Deduct	*-108.70*	
		For >2,000 To 5,000, Deduct	*-177.46*	
		For >5,000, Deduct	*-294.59*	
33 01 30 72-0280	LF	37.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,645.96	
		For Vinlyester Resin, Add	*1,094.11*	
		For Epoxy Resin, Add	*128.95*	
		For Up To >10, Add	*1,030.36*	
		For >10 To 25, Add	*598.13*	
		For >25 To 50, Add	*437.03*	
		For >50 To 100, Add	*218.51*	
		For >500 To 1,000, Deduct	*-84.37*	
		For >1,000 To 2,000, Deduct	*-127.59*	
		For >2,000 To 5,000, Deduct	*-208.30*	
		For >5,000, Deduct	*-345.78*	
33 01 30 72-0281	LF	37.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,889.67	
		For Vinlyester Resin, Add	*1,256.11*	
		For Epoxy Resin, Add	*148.04*	
		For Up To >10, Add	*1,182.91*	
		For >10 To 25, Add	*686.69*	
		For >25 To 50, Add	*501.73*	
		For >50 To 100, Add	*250.87*	
		For >500 To 1,000, Deduct	*-96.86*	
		For >1,000 To 2,000, Deduct	*-146.49*	
		For >2,000 To 5,000, Deduct	*-239.14*	
		For >5,000, Deduct	*-396.98*	
33 01 30 72-0282	LF	37.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,133.36	
		For Vinlyester Resin, Add	*1,418.10*	
		For Epoxy Resin, Add	*167.13*	
		For Up To >10, Add	*1,335.43*	
		For >10 To 25, Add	*775.22*	
		For >25 To 50, Add	*566.42*	
		For >50 To 100, Add	*283.21*	
		For >500 To 1,000, Deduct	*-109.36*	
		For >1,000 To 2,000, Deduct	*-165.38*	
		For >2,000 To 5,000, Deduct	*-269.98*	
		For >5,000, Deduct	*-448.17*	
33 01 30 72-0283	LF	37.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,377.05	
		For Vinlyester Resin, Add	*1,580.10*	
		For Epoxy Resin, Add	*186.23*	
		For Up To >10, Add	*1,487.95*	
		For >10 To 25, Add	*863.75*	
		For >25 To 50, Add	*631.11*	
		For >50 To 100, Add	*315.56*	
		For >500 To 1,000, Deduct	*-121.85*	
		For >1,000 To 2,000, Deduct	*-184.27*	
		For >2,000 To 5,000, Deduct	*-300.82*	
		For >5,000, Deduct	*-499.36*	
33 01 30 72-0284	LF	37.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,627.38	
		For Vinlyester Resin, Add	*1,742.09*	
		For Epoxy Resin, Add	*205.32*	
		For Up To >10, Add	*1,660.39*	
		For >10 To 25, Add	*968.88*	
		For >25 To 50, Add	*705.76*	
		For >50 To 100, Add	*352.88*	
		For >500 To 1,000, Deduct	*-134.84*	
		For >1,000 To 2,000, Deduct	*-203.99*	
		For >2,000 To 5,000, Deduct	*-333.31*	
		For >5,000, Deduct	*-553.21*	
33 01 30 72-0285	LF	37.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,871.71	
		For Vinlyester Resin, Add	*1,904.08*	
		For Epoxy Resin, Add	*224.41*	
		For Up To >10, Add	*1,814.83*	
		For >10 To 25, Add	*1,059.01*	
		For >25 To 50, Add	*771.41*	
		For >50 To 100, Add	*385.70*	
		For >500 To 1,000, Deduct	*-147.38*	
		For >1,000 To 2,000, Deduct	*-222.96*	
		For >2,000 To 5,000, Deduct	*-364.31*	
		For >5,000, Deduct	*-604.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0286	LF	37.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,113.88	
		For Vinlyester Resin, Add	*2,066.09*	
		For Epoxy Resin, Add	*243.50*	
		For Up To >10, Add	*1,962.77*	
		For >10 To 25, Add	*1,143.71*	
		For >25 To 50, Add	*833.81*	
		For >50 To 100, Add	*416.90*	
		For >500 To 1,000, Deduct	*-159.75*	
		For >1,000 To 2,000, Deduct	*-241.66*	
		For >2,000 To 5,000, Deduct	*-394.77*	
		For >5,000, Deduct	*-655.24*	
33 01 30 72-0287	LF	37.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,360.38	
		For Vinlyester Resin, Add	*2,228.08*	
		For Epoxy Resin, Add	*262.60*	
		For Up To >10, Add	*2,123.72*	
		For >10 To 25, Add	*1,239.27*	
		For >25 To 50, Add	*902.71*	
		For >50 To 100, Add	*451.35*	
		For >500 To 1,000, Deduct	*-172.45*	
		For >1,000 To 2,000, Deduct	*-260.90*	
		For >2,000 To 5,000, Deduct	*-426.31*	
		For >5,000, Deduct	*-707.56*	
33 01 30 72-0288	LF	37.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,604.70	
		For Vinlyester Resin, Add	*2,390.07*	
		For Epoxy Resin, Add	*281.69*	
		For Up To >10, Add	*2,278.13*	
		For >10 To 25, Add	*1,329.37*	
		For >25 To 50, Add	*968.34*	
		For >50 To 100, Add	*484.17*	
		For >500 To 1,000, Deduct	*-184.99*	
		For >1,000 To 2,000, Deduct	*-279.87*	
		For >2,000 To 5,000, Deduct	*-457.30*	
		For >5,000, Deduct	*-759.00*	
33 01 30 72-0289	LF	37.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,848.92	
		For Vinlyester Resin, Add	*2,552.07*	
		For Epoxy Resin, Add	*300.78*	
		For Up To >10, Add	*2,432.21*	
		For >10 To 25, Add	*1,419.21*	
		For >25 To 50, Add	*1,033.81*	
		For >50 To 100, Add	*516.91*	
		For >500 To 1,000, Deduct	*-197.52*	
		For >1,000 To 2,000, Deduct	*-298.82*	
		For >2,000 To 5,000, Deduct	*-488.27*	
		For >5,000, Deduct	*-810.40*	
33 01 30 72-0290	LF	37.5mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,093.25	
		For Vinlyester Resin, Add	*2,714.07*	
		For Epoxy Resin, Add	*319.87*	
		For Up To >10, Add	*2,586.65*	
		For >10 To 25, Add	*1,509.34*	
		For >25 To 50, Add	*1,099.46*	
		For >50 To 100, Add	*549.73*	
		For >500 To 1,000, Deduct	*-210.06*	
		For >1,000 To 2,000, Deduct	*-317.79*	
		For >2,000 To 5,000, Deduct	*-519.27*	
		For >5,000, Deduct	*-861.85*	
33 01 30 72-0291	LF	37.5mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,337.58	
		For Vinlyester Resin, Add	*2,876.06*	
		For Epoxy Resin, Add	*338.96*	
		For Up To >10, Add	*2,741.09*	
		For >10 To 25, Add	*1,599.47*	
		For >25 To 50, Add	*1,165.11*	
		For >50 To 100, Add	*582.56*	
		For >500 To 1,000, Deduct	*-222.60*	
		For >1,000 To 2,000, Deduct	*-336.76*	
		For >2,000 To 5,000, Deduct	*-550.27*	
		For >5,000, Deduct	*-913.30*	

33 01 30 72-0292 39mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0293	LF	39mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,454.57	
		For Vinlyester Resin, Add	*967.74*	
		For Epoxy Resin, Add	*114.05*	
		For Up To >10, Add	*907.51*	
		For >10 To 25, Add	*525.85*	
		For >25 To 50, Add	*384.63*	
		For >50 To 100, Add	*192.32*	
		For >500 To 1,000, Deduct	*-74.53*	
		For >1,000 To 2,000, Deduct	*-112.70*	
		For >2,000 To 5,000, Deduct	*-183.92*	
		For >5,000, Deduct	*-305.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0294	LF	39mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,707.77	
		For Vinlyester Resin, Add	*1,136.21*	
		For Epoxy Resin, Add	*133.91*	
		For Up To >10, Add	*1,065.41*	
		For >10 To 25, Add	*617.32*	
		For >25 To 50, Add	*451.55*	
		For >50 To 100, Add	*225.77*	
		For >500 To 1,000, Deduct	*-87.50*	
		For >1,000 To 2,000, Deduct	*-132.31*	
		For >2,000 To 5,000, Deduct	*-215.93*	
		For >5,000, Deduct	*-358.48*	
33 01 30 72-0295	LF	39mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,960.99	
		For Vinlyester Resin, Add	*1,304.70*	
		For Epoxy Resin, Add	*153.77*	
		For Up To >10, Add	*1,223.35*	
		For >10 To 25, Add	*708.81*	
		For >25 To 50, Add	*518.48*	
		For >50 To 100, Add	*259.24*	
		For >500 To 1,000, Deduct	*-100.48*	
		For >1,000 To 2,000, Deduct	*-151.93*	
		For >2,000 To 5,000, Deduct	*-247.95*	
		For >5,000, Deduct	*-411.63*	
33 01 30 72-0296	LF	39mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,214.19	
		For Vinlyester Resin, Add	*1,473.16*	
		For Epoxy Resin, Add	*173.62*	
		For Up To >10, Add	*1,381.27*	
		For >10 To 25, Add	*800.31*	
		For >25 To 50, Add	*585.41*	
		For >50 To 100, Add	*292.70*	
		For >500 To 1,000, Deduct	*-113.45*	
		For >1,000 To 2,000, Deduct	*-171.55*	
		For >2,000 To 5,000, Deduct	*-279.96*	
		For >5,000, Deduct	*-464.77*	
33 01 30 72-0297	LF	39mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,467.52	
		For Vinlyester Resin, Add	*1,641.64*	
		For Epoxy Resin, Add	*193.48*	
		For Up To >10, Add	*1,539.56*	
		For >10 To 25, Add	*892.10*	
		For >25 To 50, Add	*652.52*	
		For >50 To 100, Add	*326.26*	
		For >500 To 1,000, Deduct	*-126.43*	
		For >1,000 To 2,000, Deduct	*-191.18*	
		For >2,000 To 5,000, Deduct	*-312.00*	
		For >5,000, Deduct	*-517.97*	
33 01 30 72-0298	LF	39mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,727.38	
		For Vinlyester Resin, Add	*1,810.12*	
		For Epoxy Resin, Add	*213.34*	
		For Up To >10, Add	*1,717.44*	
		For >10 To 25, Add	*1,000.22*	
		For >25 To 50, Add	*729.43*	
		For >50 To 100, Add	*364.71*	
		For >500 To 1,000, Deduct	*-139.91*	
		For >1,000 To 2,000, Deduct	*-211.63*	
		For >2,000 To 5,000, Deduct	*-345.68*	
		For >5,000, Deduct	*-573.78*	
33 01 30 72-0299	LF	39mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,981.22	
		For Vinlyester Resin, Add	*1,978.59*	
		For Epoxy Resin, Add	*233.19*	
		For Up To >10, Add	*1,877.26*	
		For >10 To 25, Add	*1,093.29*	
		For >25 To 50, Add	*797.30*	
		For >50 To 100, Add	*398.65*	
		For >500 To 1,000, Deduct	*-152.93*	
		For >1,000 To 2,000, Deduct	*-231.32*	
		For >2,000 To 5,000, Deduct	*-377.85*	
		For >5,000, Deduct	*-627.18*	
33 01 30 72-0300	LF	39mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,235.06	
		For Vinlyester Resin, Add	*2,147.07*	
		For Epoxy Resin, Add	*253.05*	
		For Up To >10, Add	*2,037.08*	
		For >10 To 25, Add	*1,186.36*	
		For >25 To 50, Add	*865.18*	
		For >50 To 100, Add	*432.59*	
		For >500 To 1,000, Deduct	*-165.95*	
		For >1,000 To 2,000, Deduct	*-251.02*	
		For >2,000 To 5,000, Deduct	*-410.02*	
		For >5,000, Deduct	*-680.58*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0301	LF	39mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,489.03	
		For Vinlyester Resin, Add	*2,315.54*	
		For Epoxy Resin, Add	*272.90*	
		For Up To >10, Add	*2,197.29*	
		For >10 To 25, Add	*1,279.76*	
		For >25 To 50, Add	*933.25*	
		For >50 To 100, Add	*466.62*	
		For >500 To 1,000, Deduct	*-178.98*	
		For >1,000 To 2,000, Deduct	*-270.73*	
		For >2,000 To 5,000, Deduct	*-442.23*	
		For >5,000, Deduct	*-734.03*	
33 01 30 72-0302	LF	39mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,742.88	
		For Vinlyester Resin, Add	*2,484.02*	
		For Epoxy Resin, Add	*292.76*	
		For Up To >10, Add	*2,357.14*	
		For >10 To 25, Add	*1,372.85*	
		For >25 To 50, Add	*1,001.14*	
		For >50 To 100, Add	*500.57*	
		For >500 To 1,000, Deduct	*-192.00*	
		For >1,000 To 2,000, Deduct	*-290.43*	
		For >2,000 To 5,000, Deduct	*-474.40*	
		For >5,000, Deduct	*-787.43*	
33 01 30 72-0303	LF	39mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,996.72	
		For Vinlyester Resin, Add	*2,652.50*	
		For Epoxy Resin, Add	*312.62*	
		For Up To >10, Add	*2,516.96*	
		For >10 To 25, Add	*1,465.92*	
		For >25 To 50, Add	*1,069.02*	
		For >50 To 100, Add	*534.51*	
		For >500 To 1,000, Deduct	*-205.02*	
		For >1,000 To 2,000, Deduct	*-310.13*	
		For >2,000 To 5,000, Deduct	*-506.57*	
		For >5,000, Deduct	*-840.83*	
33 01 30 72-0304	LF	39mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,250.57	
		For Vinlyester Resin, Add	*2,820.97*	
		For Epoxy Resin, Add	*332.47*	
		For Up To >10, Add	*2,676.81*	
		For >10 To 25, Add	*1,559.02*	
		For >25 To 50, Add	*1,136.91*	
		For >50 To 100, Add	*568.45*	
		For >500 To 1,000, Deduct	*-218.04*	
		For >1,000 To 2,000, Deduct	*-329.82*	
		For >2,000 To 5,000, Deduct	*-538.75*	
		For >5,000, Deduct	*-894.24*	
33 01 30 72-0305	LF	39mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,504.42	
		For Vinlyester Resin, Add	*2,989.45*	
		For Epoxy Resin, Add	*352.33*	
		For Up To >10, Add	*2,836.66*	
		For >10 To 25, Add	*1,652.11*	
		For >25 To 50, Add	*1,204.80*	
		For >50 To 100, Add	*602.40*	
		For >500 To 1,000, Deduct	*-231.07*	
		For >1,000 To 2,000, Deduct	*-349.52*	
		For >2,000 To 5,000, Deduct	*-570.92*	
		For >5,000, Deduct	*-947.64*	
33 01 30 72-0306	LF	39mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,758.26	
		For Vinlyester Resin, Add	*3,157.92*	
		For Epoxy Resin, Add	*372.18*	
		For Up To >10, Add	*2,996.48*	
		For >10 To 25, Add	*1,745.18*	
		For >25 To 50, Add	*1,272.67*	
		For >50 To 100, Add	*636.34*	
		For >500 To 1,000, Deduct	*-244.09*	
		For >1,000 To 2,000, Deduct	*-369.22*	
		For >2,000 To 5,000, Deduct	*-603.09*	
		For >5,000, Deduct	*-1,001.04*	
33 01 30 72-0307	LF	39mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	5,012.11	
		For Vinlyester Resin, Add	*3,326.40*	
		For Epoxy Resin, Add	*392.04*	
		For Up To >10, Add	*3,156.33*	
		For >10 To 25, Add	*1,838.28*	
		For >25 To 50, Add	*1,340.57*	
		For >50 To 100, Add	*670.28*	
		For >500 To 1,000, Deduct	*-257.11*	
		For >1,000 To 2,000, Deduct	*-388.91*	
		For >2,000 To 5,000, Deduct	*-635.27*	
		For >5,000, Deduct	*-1,054.44*	

33 01 30 72-0308 40.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0309	LF	40.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,769.28	
		For Vinlyester Resin, Add	*1,178.20*	
		For Epoxy Resin, Add	*138.86*	
		For Up To >10, Add	*1,099.99*	
		For >10 To 25, Add	*636.14*	
		For >25 To 50, Add	*465.84*	
		For >50 To 100, Add	*232.92*	
		For >500 To 1,000, Deduct	*-90.62*	
		For >1,000 To 2,000, Deduct	*-137.00*	
		For >2,000 To 5,000, Deduct	*-223.51*	
		For >5,000, Deduct	*-371.08*	
33 01 30 72-0310	LF	40.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,032.00	
		For Vinlyester Resin, Add	*1,353.15*	
		For Epoxy Resin, Add	*159.48*	
		For Up To >10, Add	*1,263.33*	
		For >10 To 25, Add	*730.59*	
		For >25 To 50, Add	*535.01*	
		For >50 To 100, Add	*267.50*	
		For >500 To 1,000, Deduct	*-104.07*	
		For >1,000 To 2,000, Deduct	*-157.35*	
		For >2,000 To 5,000, Deduct	*-256.70*	
		For >5,000, Deduct	*-426.19*	
33 01 30 72-0311	LF	40.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,294.72	
		For Vinlyester Resin, Add	*1,528.11*	
		For Epoxy Resin, Add	*180.10*	
		For Up To >10, Add	*1,426.64*	
		For >10 To 25, Add	*825.03*	
		For >25 To 50, Add	*604.17*	
		For >50 To 100, Add	*302.08*	
		For >500 To 1,000, Deduct	*-117.53*	
		For >1,000 To 2,000, Deduct	*-177.69*	
		For >2,000 To 5,000, Deduct	*-289.89*	
		For >5,000, Deduct	*-481.29*	
33 01 30 72-0312	LF	40.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,557.44	
		For Vinlyester Resin, Add	*1,703.06*	
		For Epoxy Resin, Add	*200.72*	
		For Up To >10, Add	*1,589.97*	
		For >10 To 25, Add	*919.49*	
		For >25 To 50, Add	*673.34*	
		For >50 To 100, Add	*336.67*	
		For >500 To 1,000, Deduct	*-130.98*	
		For >1,000 To 2,000, Deduct	*-198.03*	
		For >2,000 To 5,000, Deduct	*-323.08*	
		For >5,000, Deduct	*-536.39*	
33 01 30 72-0313	LF	40.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,827.06	
		For Vinlyester Resin, Add	*1,878.02*	
		For Epoxy Resin, Add	*221.34*	
		For Up To >10, Add	*1,773.98*	
		For >10 To 25, Add	*1,031.17*	
		For >25 To 50, Add	*752.85*	
		For >50 To 100, Add	*376.42*	
		For >500 To 1,000, Deduct	*-144.96*	
		For >1,000 To 2,000, Deduct	*-219.24*	
		For >2,000 To 5,000, Deduct	*-357.99*	
		For >5,000, Deduct	*-594.25*	
33 01 30 72-0314	LF	40.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,090.42	
		For Vinlyester Resin, Add	*2,052.97*	
		For Epoxy Resin, Add	*241.96*	
		For Up To >10, Add	*1,939.21*	
		For >10 To 25, Add	*1,127.21*	
		For >25 To 50, Add	*822.96*	
		For >50 To 100, Add	*411.48*	
		For >500 To 1,000, Deduct	*-158.46*	
		For >1,000 To 2,000, Deduct	*-239.66*	
		For >2,000 To 5,000, Deduct	*-391.34*	
		For >5,000, Deduct	*-649.60*	
33 01 30 72-0315	LF	40.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,353.76	
		For Vinlyester Resin, Add	*2,227.93*	
		For Epoxy Resin, Add	*262.58*	
		For Up To >10, Add	*2,104.41*	
		For >10 To 25, Add	*1,223.21*	
		For >25 To 50, Add	*893.07*	
		For >50 To 100, Add	*446.53*	
		For >500 To 1,000, Deduct	*-171.96*	
		For >1,000 To 2,000, Deduct	*-260.08*	
		For >2,000 To 5,000, Deduct	*-424.68*	
		For >5,000, Deduct	*-704.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0316	LF	40.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,617.13	
		For Vinlyester Resin, Add	*2,402.88*	
		For Epoxy Resin, Add	*283.20*	
		For Up To >10, Add	*2,269.67*	
		For >10 To 25, Add	*1,319.27*	
		For >25 To 50, Add	*963.20*	
		For >50 To 100, Add	*481.60*	
		For >500 To 1,000, Deduct	*-185.47*	
		For >1,000 To 2,000, Deduct	*-280.51*	
		For >2,000 To 5,000, Deduct	*-458.03*	
		For >5,000, Deduct	*-760.31*	
33 01 30 72-0317	LF	40.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,880.48	
		For Vinlyester Resin, Add	*2,577.83*	
		For Epoxy Resin, Add	*303.82*	
		For Up To >10, Add	*2,434.89*	
		For >10 To 25, Add	*1,415.31*	
		For >25 To 50, Add	*1,033.31*	
		For >50 To 100, Add	*516.66*	
		For >500 To 1,000, Deduct	*-198.97*	
		For >1,000 To 2,000, Deduct	*-300.93*	
		For >2,000 To 5,000, Deduct	*-491.38*	
		For >5,000, Deduct	*-815.67*	
33 01 30 72-0318	LF	40.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,143.84	
		For Vinlyester Resin, Add	*2,752.79*	
		For Epoxy Resin, Add	*324.44*	
		For Up To >10, Add	*2,600.12*	
		For >10 To 25, Add	*1,511.34*	
		For >25 To 50, Add	*1,103.43*	
		For >50 To 100, Add	*551.72*	
		For >500 To 1,000, Deduct	*-212.47*	
		For >1,000 To 2,000, Deduct	*-321.35*	
		For >2,000 To 5,000, Deduct	*-524.73*	
		For >5,000, Deduct	*-871.02*	
33 01 30 72-0319	LF	40.5mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,407.20	
		For Vinlyester Resin, Add	*2,927.75*	
		For Epoxy Resin, Add	*345.06*	
		For Up To >10, Add	*2,765.35*	
		For >10 To 25, Add	*1,607.38*	
		For >25 To 50, Add	*1,173.55*	
		For >50 To 100, Add	*586.78*	
		For >500 To 1,000, Deduct	*-225.98*	
		For >1,000 To 2,000, Deduct	*-341.78*	
		For >2,000 To 5,000, Deduct	*-558.08*	
		For >5,000, Deduct	*-926.38*	
33 01 30 72-0320	LF	40.5mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,670.55	
		For Vinlyester Resin, Add	*3,102.70*	
		For Epoxy Resin, Add	*365.68*	
		For Up To >10, Add	*2,930.58*	
		For >10 To 25, Add	*1,703.41*	
		For >25 To 50, Add	*1,243.67*	
		For >50 To 100, Add	*621.83*	
		For >500 To 1,000, Deduct	*-239.48*	
		For >1,000 To 2,000, Deduct	*-362.20*	
		For >2,000 To 5,000, Deduct	*-591.42*	
		For >5,000, Deduct	*-981.73*	
33 01 30 72-0321	LF	40.5mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,933.91	
		For Vinlyester Resin, Add	*3,277.66*	
		For Epoxy Resin, Add	*386.30*	
		For Up To >10, Add	*3,095.81*	
		For >10 To 25, Add	*1,799.44*	
		For >25 To 50, Add	*1,313.78*	
		For >50 To 100, Add	*656.89*	
		For >500 To 1,000, Deduct	*-252.98*	
		For >1,000 To 2,000, Deduct	*-382.62*	
		For >2,000 To 5,000, Deduct	*-624.77*	
		For >5,000, Deduct	*-1,037.09*	
33 01 30 72-0322	LF	40.5mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	5,197.28	
		For Vinlyester Resin, Add	*3,452.62*	
		For Epoxy Resin, Add	*406.92*	
		For Up To >10, Add	*3,261.07*	
		For >10 To 25, Add	*1,895.50*	
		For >25 To 50, Add	*1,383.92*	
		For >50 To 100, Add	*691.96*	
		For >500 To 1,000, Deduct	*-266.49*	
		For >1,000 To 2,000, Deduct	*-403.04*	
		For >2,000 To 5,000, Deduct	*-658.12*	
		For >5,000, Deduct	*-1,092.45*	

33 01 30 72-0323 42mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0324	LF	42mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,102.71	
		For Vinlyester Resin, Add	*1,401.48*	
		For Epoxy Resin, Add	*165.17*	
		For Up To >10, Add	*1,302.86*	
		For >10 To 25, Add	*752.03*	
		For >25 To 50, Add	*551.32*	
		For >50 To 100, Add	*275.66*	
		For >500 To 1,000, Deduct	*-107.65*	
		For >1,000 To 2,000, Deduct	*-162.73*	
		For >2,000 To 5,000, Deduct	*-265.40*	
		For >5,000, Deduct	*-440.66*	
33 01 30 72-0325	LF	42mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,374.94	
		For Vinlyester Resin, Add	*1,582.92*	
		For Epoxy Resin, Add	*186.56*	
		For Up To >10, Add	*1,471.55*	
		For >10 To 25, Add	*849.40*	
		For >25 To 50, Add	*622.71*	
		For >50 To 100, Add	*311.35*	
		For >500 To 1,000, Deduct	*-121.59*	
		For >1,000 To 2,000, Deduct	*-183.80*	
		For >2,000 To 5,000, Deduct	*-299.76*	
		For >5,000, Deduct	*-497.71*	
33 01 30 72-0326	LF	42mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,647.17	
		For Vinlyester Resin, Add	*1,764.35*	
		For Epoxy Resin, Add	*207.94*	
		For Up To >10, Add	*1,640.26*	
		For >10 To 25, Add	*946.80*	
		For >25 To 50, Add	*694.11*	
		For >50 To 100, Add	*347.05*	
		For >500 To 1,000, Deduct	*-135.53*	
		For >1,000 To 2,000, Deduct	*-204.87*	
		For >2,000 To 5,000, Deduct	*-334.13*	
		For >5,000, Deduct	*-554.77*	
33 01 30 72-0327	LF	42mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,926.42	
		For Vinlyester Resin, Add	*1,945.78*	
		For Epoxy Resin, Add	*229.32*	
		For Up To >10, Add	*1,830.04*	
		For >10 To 25, Add	*1,061.75*	
		For >25 To 50, Add	*776.03*	
		For >50 To 100, Add	*388.02*	
		For >500 To 1,000, Deduct	*-149.99*	
		For >1,000 To 2,000, Deduct	*-226.82*	
		For >2,000 To 5,000, Deduct	*-370.25*	
		For >5,000, Deduct	*-614.63*	
33 01 30 72-0328	LF	42mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,199.30	
		For Vinlyester Resin, Add	*2,127.22*	
		For Epoxy Resin, Add	*250.71*	
		For Up To >10, Add	*2,000.68*	
		For >10 To 25, Add	*1,160.75*	
		For >25 To 50, Add	*848.39*	
		For >50 To 100, Add	*424.20*	
		For >500 To 1,000, Deduct	*-163.98*	
		For >1,000 To 2,000, Deduct	*-247.97*	
		For >2,000 To 5,000, Deduct	*-404.77*	
		For >5,000, Deduct	*-671.94*	
33 01 30 72-0329	LF	42mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,472.16	
		For Vinlyester Resin, Add	*2,308.66*	
		For Epoxy Resin, Add	*272.09*	
		For Up To >10, Add	*2,171.28*	
		For >10 To 25, Add	*1,259.72*	
		For >25 To 50, Add	*920.74*	
		For >50 To 100, Add	*460.37*	
		For >500 To 1,000, Deduct	*-177.96*	
		For >1,000 To 2,000, Deduct	*-269.12*	
		For >2,000 To 5,000, Deduct	*-439.29*	
		For >5,000, Deduct	*-729.25*	
33 01 30 72-0330	LF	42mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,745.04	
		For Vinlyester Resin, Add	*2,490.09*	
		For Epoxy Resin, Add	*293.47*	
		For Up To >10, Add	*2,341.95*	
		For >10 To 25, Add	*1,358.74*	
		For >25 To 50, Add	*993.11*	
		For >50 To 100, Add	*496.55*	
		For >500 To 1,000, Deduct	*-191.95*	
		For >1,000 To 2,000, Deduct	*-290.27*	
		For >2,000 To 5,000, Deduct	*-473.81*	
		For >5,000, Deduct	*-786.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0331	LF	42mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,017.91	
		For Vinlyester Resin, Add	*2,671.53*	
		For Epoxy Resin, Add	*314.86*	
		For Up To >10, Add	*2,512.56*	
		For >10 To 25, Add	*1,457.72*	
		For >25 To 50, Add	*1,065.45*	
		For >50 To 100, Add	*532.73*	
		For >500 To 1,000, Deduct	*-205.93*	
		For >1,000 To 2,000, Deduct	*-311.42*	
		For >2,000 To 5,000, Deduct	*-508.34*	
		For >5,000, Deduct	*-843.87*	
33 01 30 72-0332	LF	42mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,290.77	
		For Vinlyester Resin, Add	*2,852.96*	
		For Epoxy Resin, Add	*336.24*	
		For Up To >10, Add	*2,683.16*	
		For >10 To 25, Add	*1,556.69*	
		For >25 To 50, Add	*1,137.80*	
		For >50 To 100, Add	*568.90*	
		For >500 To 1,000, Deduct	*-219.92*	
		For >1,000 To 2,000, Deduct	*-332.56*	
		For >2,000 To 5,000, Deduct	*-542.86*	
		For >5,000, Deduct	*-901.18*	
33 01 30 72-0333	LF	42mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,563.64	
		For Vinlyester Resin, Add	*3,034.40*	
		For Epoxy Resin, Add	*357.63*	
		For Up To >10, Add	*2,853.80*	
		For >10 To 25, Add	*1,655.69*	
		For >25 To 50, Add	*1,210.16*	
		For >50 To 100, Add	*605.08*	
		For >500 To 1,000, Deduct	*-233.90*	
		For >1,000 To 2,000, Deduct	*-353.71*	
		For >2,000 To 5,000, Deduct	*-577.38*	
		For >5,000, Deduct	*-958.49*	
33 01 30 72-0334	LF	42mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,836.52	
		For Vinlyester Resin, Add	*3,215.84*	
		For Epoxy Resin, Add	*379.01*	
		For Up To >10, Add	*3,024.44*	
		For >10 To 25, Add	*1,754.69*	
		For >25 To 50, Add	*1,282.52*	
		For >50 To 100, Add	*641.26*	
		For >500 To 1,000, Deduct	*-247.89*	
		For >1,000 To 2,000, Deduct	*-374.86*	
		For >2,000 To 5,000, Deduct	*-611.90*	
		For >5,000, Deduct	*-1,015.80*	
33 01 30 72-0335	LF	42mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	5,109.38	
		For Vinlyester Resin, Add	*3,397.27*	
		For Epoxy Resin, Add	*400.39*	
		For Up To >10, Add	*3,195.04*	
		For >10 To 25, Add	*1,853.66*	
		For >25 To 50, Add	*1,354.86*	
		For >50 To 100, Add	*677.43*	
		For >500 To 1,000, Deduct	*-261.87*	
		For >1,000 To 2,000, Deduct	*-396.01*	
		For >2,000 To 5,000, Deduct	*-646.42*	
		For >5,000, Deduct	*-1,073.10*	
33 01 30 72-0336	LF	42mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	5,382.25	
		For Vinlyester Resin, Add	*3,578.70*	
		For Epoxy Resin, Add	*421.78*	
		For Up To >10, Add	*3,365.68*	
		For >10 To 25, Add	*1,952.66*	
		For >25 To 50, Add	*1,427.22*	
		For >50 To 100, Add	*713.61*	
		For >500 To 1,000, Deduct	*-275.86*	
		For >1,000 To 2,000, Deduct	*-417.16*	
		For >2,000 To 5,000, Deduct	*-680.95*	
		For >5,000, Deduct	*-1,130.41*	

33 01 30 74 Cured-in-Place Lateral Lining *(33 01 30)*

33 01 30 74-0001 Laterals; Cutting, Grouting And Reinstatement *(33 01 30 74)*

33 01 30 74-0002 Lateral Reinstatement/Reconnection *(33 01 30 74-0001)*

33 01 30 74-0003	EA	Cut Liner For Laterals, Up To 4" (Robotic)	516.38
33 01 30 74-0004	EA	Cut Liner For Laterals, 6" (Robotic)	558.25
33 01 30 74-0005	EA	Cut Liner For Laterals, 8" (Robotic)	593.14
33 01 30 74-0006	EA	Cut Liner For Laterals, 10" (Robotic)	628.03
33 01 30 74-0007	EA	Cut Liner For Laterals, 12" (Robotic)	662.92

33 01 30 74-0008 Grout Lateral Service *(33 01 30 74-0001)*

33 01 30 74-0009 Grout Lateral Service - Bladder *(33 01 30 74-0008)*

33 01 30 74-0010	EA	Grout Up To 4" Lateral Service - Bladder	537.30
33 01 30 74-0011	EA	Grout 6" Lateral Service - Bladder	617.41
33 01 30 74-0012	EA	Grout 8" Lateral Service - Bladder	697.53

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 74-0013		Grout Lateral Service - Robotic Trowel Application *(33 01 30 74-0008)*		
33 01 30 74-0014	EA	Grout 3" To 6" Lateral Service - Robotic Trowel Application	585.99	
33 01 30 74-0015	EA	Grout 8" To 12" Lateral Service - Robotic Trowel Application	634.68	
33 01 30 74-0016		Lateral T-Liner *(33 01 30 74-0001)* Note: As manufactured by LMK.		
33 01 30 74-0017	EA	Up To 4" Lateral T-Liner	738.74	
33 01 30 74-0018	EA	6" Lateral T-Liner	829.29	
33 01 30 74-0019	EA	8" Lateral T-Liner	964.97	
33 01 30 74-0020		Lining Lateral Pipe *(33 01 30 74-0001)*		
33 01 30 74-0021		Lining Lateral Pipe *(33 01 30 74-0020)*		
33 01 30 74-0022	LF	6mm Lining 3" Lateral Pipe With Cured In-Place Pipe (CIPP)	37.19	
		For 7.5mm, Add	*4.05*	
		For 9 mm, Add	*8.00*	
33 01 30 74-0023	LF	6mm Lining 4" Lateral Pipe With Cured In-Place Pipe (CIPP)	44.32	
		For 7.5mm, Add	*5.51*	
		For 9 mm, Add	*10.90*	
33 01 30 74-0024	LF	6mm Lining 6" Lateral Pipe With Cured In-Place Pipe (CIPP)	57.61	
		For 7.5mm, Add	*8.44*	
		For 9 mm, Add	*16.69*	
33 01 30 74-0025		Lining Manhole Drop *(33 01 30 74-0020)*		
33 01 30 74-0026	EA	Manhole Drop Section Lining	817.79	
33 01 30 79		**Fold-and-Form Pipe Lining** *(33 01 30)*		
33 01 30 79-0001		Form and Fold Relining Underground Pipelines *(33 01 30 79)* Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.		
33 01 30 79-0002		Fold-And-Form Relining Underground Pipelines Set-Up And Reinsertion *(33 01 30 79-0001)*		
33 01 30 79-0003	EA	Initial Set Up And Final Equipment Removal For Fold-And-Form Relining Underground Pipelines	5,112.65	
33 01 30 79-0004	EA	Move And Reset Up At Different Access/Location For Fold-And-Form Relining Underground Pipelines	2,045.07	
33 01 30 79-0005		Form And Fold Polyethylene (PE) Pipeliner *(33 01 30 79-0001)*		
33 01 30 79-0006	LF	4" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	55.62	
		For DR 26 Pipe Liner, Add	*11.17*	
		For Up To 75, Add	*25.37*	
		For >75 To 150, Add	*12.69*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000 To 2,000, Deduct	*-1.64*	
		For >2,000, Deduct	*-3.29*	
33 01 30 79-0007	LF	6" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	72.47	
		For DR 26 Pipe Liner, Add	*15.17*	
		For DR 35 Pipe Liner, Deduct	*-7.58*	
		For Up To 75, Add	*29.83*	
		For >75 To 150, Add	*14.92*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000 To 2,000, Deduct	*-1.77*	
		For >2,000, Deduct	*-3.54*	
33 01 30 79-0008	LF	8" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	74.58	
		For DR 26 Pipe Liner, Add	*15.45*	
		For DR 35 Pipe Liner, Deduct	*-7.73*	
		For Up To 75, Add	*31.53*	
		For >75 To 150, Add	*15.77*	
		For >500 To 1,000, Deduct	*-0.96*	
		For >1,000 To 2,000, Deduct	*-1.92*	
		For >2,000, Deduct	*-3.83*	
33 01 30 79-0009	LF	10" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	106.64	
		For DR 26 Pipe Liner, Add	*23.17*	
		For DR 35 Pipe Liner, Deduct	*-11.59*	
		For DR 41 Pipe Liner, Deduct	*-23.17*	
		For Up To 75, Add	*39.46*	
		For >75 To 150, Add	*19.73*	
		For >500 To 1,000, Deduct	*-1.05*	
		For >1,000 To 2,000, Deduct	*-2.09*	
		For >2,000, Deduct	*-4.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0010	LF	12" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	151.01	
		For DR 26 Pipe Liner, Add	*33.92*	
		For DR 35 Pipe Liner, Deduct	*-16.96*	
		For DR 41 Pipe Liner, Deduct	*-33.92*	
		For Up To 75, Add	*50.14*	
		For >75 To 150, Add	*25.07*	
		For >500 To 1,000, Deduct	*-1.15*	
		For >1,000 To 2,000, Deduct	*-2.30*	
		For >2,000, Deduct	*-4.60*	
33 01 30 79-0011	LF	15" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	208.44	
		For DR 35 Pipe Liner, Deduct	*-23.88*	
		For DR 41 Pipe Liner, Deduct	*-47.75*	
		For Up To 75, Add	*64.35*	
		For >75 To 150, Add	*32.17*	
		For >500 To 1,000, Deduct	*-1.31*	
		For >1,000 To 2,000, Deduct	*-2.61*	
		For >2,000, Deduct	*-5.23*	
33 01 30 79-0012	LF	18" Diameter Form and Fold Polyethylene Pipeliner, DR 35	296.62	
		For DR 41 Pipe Liner, Deduct	*-27.70*	
		For DR 50 Pipe Liner, Deduct	*-55.39*	
		For Up To 75, Add	*84.88*	
		For >75 To 150, Add	*42.44*	
		For >500 To 1,000, Deduct	*-1.47*	
		For >1,000 To 2,000, Deduct	*-2.95*	
		For >2,000, Deduct	*-5.90*	
33 01 30 79-0013	LF	21" Diameter Form and Fold Polyethylene Pipeliner, DR 47	335.90	
		For DR 50 Pipe Liner, Deduct	*-47.19*	
		For DR 55 Pipe Liner, Deduct	*-78.65*	
		For Up To 75, Add	*94.87*	
		For >75 To 150, Add	*47.44*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000 To 2,000, Deduct	*-3.20*	
		For >2,000, Deduct	*-6.39*	
33 01 30 79-0014	LF	24" Diameter Form and Fold Polyethylene Pipeliner, DR 55	410.87	
		For DR 60 Pipe Liner, Deduct	*-58.14*	
		For Up To 75, Add	*112.39*	
		For >75 To 150, Add	*56.19*	
		For >500 To 1,000, Deduct	*-1.74*	
		For >1,000 To 2,000, Deduct	*-3.49*	
		For >2,000, Deduct	*-6.97*	

33 01 30 79-0015 Form And Fold Polyvinyl Chloride (PVC) Pipeliner *(33 01 30 79-0001)*

33 01 30 79-0016	LF	4" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	59.83	
		For Up To 75, Add	*26.21*	
		For >75 To 150, Add	*13.11*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000 To 2,000, Deduct	*-1.64*	
		For >2,000, Deduct	*-3.29*	
		For DR 26 Pipe Liner, Add	*12.22*	
33 01 30 79-0017	LF	6" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	72.47	
		For Up To 75, Add	*29.83*	
		For >75 To 150, Add	*14.92*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000 To 2,000, Deduct	*-1.77*	
		For >2,000, Deduct	*-3.54*	
		For DR 26 Pipe Liner, Add	*15.17*	
		For DR 35 Pipe Liner, Deduct	*-7.58*	
33 01 30 79-0018	LF	8" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	80.19	
		For Up To 75, Add	*32.65*	
		For >75 To 150, Add	*16.33*	
		For >500 To 1,000, Deduct	*-0.96*	
		For >1,000 To 2,000, Deduct	*-1.92*	
		For >2,000, Deduct	*-3.83*	
		For DR 26 Pipe Liner, Add	*16.85*	
		For DR 35 Pipe Liner, Deduct	*-8.43*	
33 01 30 79-0019	LF	10" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	115.07	
		For Up To 75, Add	*41.15*	
		For >75 To 150, Add	*20.57*	
		For >500 To 1,000, Deduct	*-1.05*	
		For >1,000 To 2,000, Deduct	*-2.09*	
		For >2,000, Deduct	*-4.19*	
		For DR 26 Pipe Liner, Add	*25.28*	
		For DR 35 Pipe Liner, Deduct	*-12.64*	
		For DR 41 Pipe Liner, Deduct	*-25.28*	
33 01 30 79-0020	LF	12" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	163.65	
		For Up To 75, Add	*52.67*	
		For >75 To 150, Add	*26.34*	
		For >500 To 1,000, Deduct	*-1.15*	
		For >1,000 To 2,000, Deduct	*-2.30*	
		For >2,000, Deduct	*-4.60*	
		For DR 26 Pipe Liner, Add	*37.08*	
		For DR 35 Pipe Liner, Deduct	*-18.54*	
		For DR 41 Pipe Liner, Deduct	*-37.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0021	LF	15" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	226.41	
		For Up To 75, Add	*67.94*	
		For >75 To 150, Add	*33.97*	
		For >500 To 1,000, Deduct	*-1.31*	
		For >1,000 To 2,000, Deduct	*-2.61*	
		For >2,000, Deduct	*-5.23*	
		For DR 35 Pipe Liner, Deduct	*-26.12*	
		For DR 41 Pipe Liner, Deduct	*-52.25*	
33 01 30 79-0022	LF	18" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 35	323.02	
		For Up To 75, Add	*90.16*	
		For >75 To 150, Add	*45.08*	
		For >500 To 1,000, Deduct	*-1.47*	
		For >1,000 To 2,000, Deduct	*-2.95*	
		For >2,000, Deduct	*-5.90*	
		For DR 41 Pipe Liner, Deduct	*-30.34*	
		For DR 50 Pipe Liner, Deduct	*-60.67*	
33 01 30 79-0023	LF	21" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 47	365.11	
		For Up To 75, Add	*100.71*	
		For >75 To 150, Add	*50.36*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000 To 2,000, Deduct	*-3.20*	
		For >2,000, Deduct	*-6.39*	
		For DR 50 Pipe Liner, Deduct	*-51.57*	
		For DR 55 Pipe Liner, Deduct	*-85.95*	
33 01 30 79-0024	LF	24" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 55	447.95	
		For Up To 75, Add	*119.80*	
		For >75 To 150, Add	*59.90*	
		For >500 To 1,000, Deduct	*-1.74*	
		For >1,000 To 2,000, Deduct	*-3.49*	
		For >2,000, Deduct	*-6.97*	
		For DR 60 Pipe Liner, Deduct	*-63.71*	

33 01 30 81 Manhole Rehabilitation *(33 01 30)*

33 01 30 81-0001 Restoration And Rehabilitation Of Manholes *(33 01 30 81)*

Note: Work is in confined spaces.

33 01 30 81-0002 Inspection And Ventilation System Set-up *(33 01 30 81-0001)*

33 01 30 81-0003	EA	Inspect Manhole	175.48
33 01 30 81-0004	EA	36" to 60" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System Note: For internal inspection and repair of water mains.	14,328.90
33 01 30 81-0005	EA	>60" to 108" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System Note: For internal inspection and repair of water mains	20,301.16

33 01 30 81-0006 Manhole Seals *(33 01 30 81-0001)*

33 01 30 81-0007 Internal Manhole Chimney Seals *(33 01 30 81-0006)*

Note: Cretex.

33 01 30 81-0008	EA	20" Internal Manhole Chimney Seal	545.18
33 01 30 81-0009	EA	22" Internal Manhole Chimney Seal	574.64
33 01 30 81-0010	EA	24" Internal Manhole Chimney Seal	589.39
33 01 30 81-0011	EA	26" Internal Manhole Chimney Seal	677.78
33 01 30 81-0012	EA	28" Internal Manhole Chimney Seal	766.19
33 01 30 81-0013	EA	30" Internal Manhole Chimney Seal	854.59
33 01 30 81-0014	EA	36" Internal Manhole Chimney Seal	1,031.42

33 01 30 81-0015 External Manhole Encapsulation *(33 01 30 81-0006)*

Note: Wrapidseal.

33 01 30 81-0016	EA	24" External Manhole Encapsulation	795.67
33 01 30 81-0017	EA	30" External Manhole Encapsulation	839.87
33 01 30 81-0018	EA	36" External Manhole Encapsulation	898.80
33 01 30 81-0019	EA	42" External Manhole Encapsulation	972.48
33 01 30 81-0020	EA	48" External Manhole Encapsulation	1,075.62
33 01 30 81-0021	EA	54" External Manhole Encapsulation	1,193.50
33 01 30 81-0022	EA	60" External Manhole Encapsulation	1,340.84

33 01 30 81-0023 Manhole Crack Repair *(33 01 30 81-0001)*

Note: Includes removing loose materials and cleaning.

33 01 30 81-0024	LF	Up To 1/4" Wide, Epoxy Grout Injection, Manhole Crack Repair	55.71
33 01 30 81-0025	LF	>1/4" To 1/2" Wide, Epoxy Grout Injection, Manhole Crack Repair	75.03
33 01 30 81-0026	LF	Up To 1/4" Wide, Urethane Grout Injection, Manhole Crack Repair	52.80
33 01 30 81-0027	LF	>1/4" To 1/2" Wide, Urethane Grout Injection, Manhole Crack Repair	71.62

33 01 30 81-0028 Manhole Patching *(33 01 30 81-0001)*

Note: Includes removing loose materials and cleaning.

33 01 30 81-0029	SF	Up To 1/4" Thick, Cementitious Grout, Manhole Patching	16.83
33 01 30 81-0030	SF	Up To 1/4" Thick, Epoxy Grout, Manhole Patching	38.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 81-0031		**Manhole Joint Restoration** *(33 01 30 81-0001)*		
		Note: Includes drilling holes at joints, fill joints with grout.		
33 01 30 81-0032	EA	3' Diameter Joint Restoration, Grout Fill Per Each Manhole	2,302.24	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	*227.41*	
33 01 30 81-0033	EA	3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole	2,687.57	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	*252.81*	
33 01 30 81-0034	EA	4' Diameter Joint Restoration, Grout Fill Per Each Manhole	3,069.65	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	*278.22*	
33 01 30 81-0035	EA	5' Diameter Joint Restoration, Grout Fill Per Each Manhole	3,648.17	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	*290.92*	
33 01 30 81-0036	EA	6' Diameter Joint Restoration, Grout Fill Per Each Manhole	4,225.07	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	*303.62*	
33 01 30 81-0037		**Step Installation In Existing Manholes** *(33 01 30 81-0001)*		
		Note: Including drilling in existing concrete manhole, step and grout. Demolition cost includes removal of old step and patching holes.		
33 01 30 81-0038	EA	Drill And Grout 8" x 9" Cast Iron Manhole Steps	168.76	22.88
33 01 30 81-0039	EA	Drill And Grout Galvanized Steel Manhole Step	121.48	22.88
33 01 30 81-0040	EA	Bolt On Galvanized Steel Manhole Step	119.75	22.88
33 01 30 81-0041	EA	Drill And Grout Aluminum Manhole Step	149.54	22.88
33 01 30 81-0042	EA	Drill And Insert Polypropylene Manhole Step	69.89	18.30
33 01 30 81-0043		**Invert Restoration** *(33 01 30 81-0001)*		
		Note: Includes removal of existing defective material and installation of new material.		
33 01 30 81-0044		**Concrete Invert Restoration** *(33 01 30 81-0043)*		
33 01 30 81-0045	EA	2' Diameter, Concrete Invert Restoration	345.15	
33 01 30 81-0046	EA	3' Diameter, Concrete Invert Restoration	389.02	
33 01 30 81-0047	EA	4' Diameter, Concrete Invert Restoration	432.89	
33 01 30 81-0048	EA	5' Diameter, Concrete Invert Restoration	476.76	
33 01 30 81-0049	EA	6' Diameter, Concrete Invert Restoration	608.37	
33 01 30 81-0050	SF	Square Or Rectangular, Concrete Invert Restoration	34.42	
33 01 30 81-0051		**Brick Invert Restoration** *(33 01 30 81-0043)*		
33 01 30 81-0052	EA	2' Diameter, Brick Invert Restoration	578.95	
33 01 30 81-0053	EA	3' Diameter, Brick Invert Restoration	622.82	
33 01 30 81-0054	EA	4' Diameter, Brick Invert Restoration	666.69	
33 01 30 81-0055	EA	5' Diameter, Brick Invert Restoration	710.56	
33 01 30 81-0056	EA	6' Diameter, Brick Invert Restoration	754.44	
33 01 30 81-0057	SF	Square Or Rectangular, Brick Invert Restoration	48.40	
33 01 30 81-0058		**Repair In-Kind Of Drainage Structures** *(33 01 30 81)*		
		Note: For brick, concrete or concrete block catch basins, inlets, manholes, and other drainage structures. Includes replacing bricks or concrete blocks, concrete repair, sealing and repairing joints, excavation, backfilling, pavement removal, restoration of pavement and all tasks to perform interior and/or exterior repair in-kind. Sizes are inside dimensions. For other sizes, use closest size.		
33 01 30 81-0059	VLF	2' Diameter, Repair In-Kind Drainage Structure	792.54	
33 01 30 81-0060	VLF	3' Diameter, Repair In-Kind Drainage Structure	1,188.82	
33 01 30 81-0061	VLF	4' Diameter, Repair In-Kind Drainage Structure	1,585.20	
33 01 30 81-0062	VLF	5' Diameter, Repair In-Kind Drainage Structure	1,981.36	
33 01 30 81-0063	VLF	6' Diameter, Repair In-Kind Drainage Structure	2,377.64	
33 01 30 81-0064	VLF	2' x 2', Repair In-Kind Drainage Structure	1,009.61	
33 01 30 81-0065	VLF	2' x 3', Repair In-Kind Drainage Structure	1,262.02	
33 01 30 81-0066	VLF	2' x 4', Repair In-Kind Drainage Structure	1,514.42	
33 01 30 81-0067	VLF	3' x 4', Repair In-Kind Drainage Structure	1,766.82	
33 01 30 81-0068	VLF	4' x 4', Repair In-Kind Drainage Structure	2,019.23	
33 01 30 81-0069	VLF	4' x 5', Repair In-Kind Drainage Structure	2,271.63	
33 01 30 81-0070	VLF	4' x 6', Repair In-Kind Drainage Structure	2,524.03	
33 01 30 81-0071	VLF	4' x 8', Repair In-Kind Drainage Structure	3,028.84	
33 01 30 81-0072	VLF	>32 GSF, Repair In-Kind Drainage Structure	3,533.65	
33 01 30 82		**Epoxy Lining for Concrete Manholes** *(33 01 30)*		
33 01 30 82-0001		**Epoxy Manhole Restoration, Interior** *(33 01 30 82)*		
33 01 30 82-0002	VLF	60 Mil Epoxy Restoration Of 3' Diameter Manhole Interior	344.52	
		For 80 Mil Material, Add	*41.01*	
		For 100 Mil Material, Add	*82.03*	
		For 125 Mil Material, Add	*127.94*	
		For 150 Mil Material, Add	*173.84*	
		For 200 Mil Material, Add	*251.37*	
		For 2 To 5 Manholes, Deduct	*-24.37*	
		For 6 To 10 Manholes, Deduct	*-40.13*	
		For >10 Manholes, Deduct	*-80.26*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 82-0003	VLF	60 Mil Epoxy Restoration Of 3-1/2' Diameter Manhole Interior	417.87	
		For 80 Mil Material, Add	*49.06*	
		For 100 Mil Material, Add	*98.12*	
		For 125 Mil Material, Add	*152.89*	
		For 150 Mil Material, Add	*207.67*	
		For 200 Mil Material, Add	*299.76*	
		For 2 To 5 Manholes, Deduct	*-29.63*	
		For 6 To 10 Manholes, Deduct	*-48.80*	
		For >10 Manholes, Deduct	*-97.61*	
33 01 30 82-0004	VLF	60 Mil Epoxy Restoration Of 4' Diameter Manhole Interior	459.35	
		For 80 Mil Material, Add	*54.68*	
		For 100 Mil Material, Add	*109.37*	
		For 125 Mil Material, Add	*170.58*	
		For 150 Mil Material, Add	*231.79*	
		For 200 Mil Material, Add	*335.16*	
		For 2 To 5 Manholes, Deduct	*-32.49*	
		For 6 To 10 Manholes, Deduct	*-53.50*	
		For >10 Manholes, Deduct	*-107.01*	
33 01 30 82-0005	VLF	60 Mil Epoxy Restoration Of 5' Diameter Manhole Interior	574.25	
		For 80 Mil Material, Add	*68.37*	
		For 100 Mil Material, Add	*136.75*	
		For 125 Mil Material, Add	*213.29*	
		For 150 Mil Material, Add	*289.83*	
		For 200 Mil Material, Add	*419.09*	
		For 2 To 5 Manholes, Deduct	*-40.62*	
		For 6 To 10 Manholes, Deduct	*-66.88*	
		For >10 Manholes, Deduct	*-133.77*	
33 01 30 82-0006	VLF	60 Mil Epoxy Restoration Of 6' Diameter Manhole Interior	689.09	
		For 80 Mil Material, Add	*82.05*	
		For 100 Mil Material, Add	*164.09*	
		For 125 Mil Material, Add	*255.93*	
		For 150 Mil Material, Add	*347.78*	
		For 200 Mil Material, Add	*502.88*	
		For 2 To 5 Manholes, Deduct	*-48.74*	
		For 6 To 10 Manholes, Deduct	*-80.26*	
		For >10 Manholes, Deduct	*-160.52*	

33 01 30 83 Lining for Concrete Manholes *(33 01 30)*

33 01 30 83-0001 Manhole Lining *(33 01 30 83)*

Note: Includes power washing and cleaning of manhole interiors.

33 01 30 83-0002 Cementitious Manhole Restoration, Interior *(33 01 30 83-0001)*

33 01 30 83-0003	VLF	1/2" Cementitious Restoration On 3' Diameter Manhole Interior	145.58	
		For Each Additional 1/2" Thick Material, Add	*34.49*	
		For 2 To 5 Manholes, Deduct	*-10.30*	
		For 6 To 10 Manholes, Deduct	*-16.95*	
		For >10 Manholes, Deduct	*-33.90*	
33 01 30 83-0004	VLF	1/2" Cementitious Restoration On 3-1/2' Diameter Manhole Interior	168.79	
		For Each Additional 1/2" Thick Material, Add	*40.14*	
		For 2 To 5 Manholes, Deduct	*-11.93*	
		For 6 To 10 Manholes, Deduct	*-19.64*	
		For >10 Manholes, Deduct	*-39.29*	
33 01 30 83-0005	VLF	1/2" Cementitious Restoration On 4' Diameter Manhole Interior	191.99	
		For Each Additional 1/2" Thick Material, Add	*45.78*	
		For 2 To 5 Manholes, Deduct	*-13.57*	
		For 6 To 10 Manholes, Deduct	*-22.34*	
		For >10 Manholes, Deduct	*-44.67*	
33 01 30 83-0006	VLF	1/2" Cementitious Restoration On 5' Diameter Manhole Interior	225.91	
		For Each Additional 1/2" Thick Material, Add	*55.98*	
		For 2 To 5 Manholes, Deduct	*-15.90*	
		For 6 To 10 Manholes, Deduct	*-26.15*	
		For >10 Manholes, Deduct	*-52.30*	
33 01 30 83-0007	VLF	1/2" Cementitious Restoration On 6' Diameter Manhole Interior	246.71	
		For Each Additional 1/2" Thick Material, Add	*64.54*	
		For 2 To 5 Manholes, Deduct	*-17.26*	
		For 6 To 10 Manholes, Deduct	*-28.35*	
		For >10 Manholes, Deduct	*-56.69*	

33 01 30 83-0008 Polyurethane Manhole Restoration, Interior *(33 01 30 83-0001)*

33 01 30 83-0009	VLF	60 Mil Polyurethane Restoration Of 3' Diameter Manhole Interior	306.29	
		For 80 Mil Material, Add	*28.27*	
		For 100 Mil Material, Add	*56.54*	
		For 125 Mil Material, Add	*86.52*	
		For 150 Mil Material, Add	*116.50*	
		For 200 Mil Material, Add	*162.17*	
		For 2 To 5 Manholes, Deduct	*-22.46*	
		For 6 To 10 Manholes, Deduct	*-37.26*	
		For >10 Manholes, Deduct	*-74.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 83-0010	VLF	60 Mil Polyurethane Restoration Of 3-1/2' Diameter Manhole Interior	373.21	
		For 80 Mil Material, Add	*34.17*	
		For 100 Mil Material, Add	*68.35*	
		For 125 Mil Material, Add	*104.51*	
		For 150 Mil Material, Add	*140.68*	
		For 200 Mil Material, Add	*195.55*	
		For 2 To 5 Manholes, Deduct	*-27.39*	
		For 6 To 10 Manholes, Deduct	*-45.45*	
		For >10 Manholes, Deduct	*-90.91*	
33 01 30 83-0011	VLF	60 Mil Polyurethane Restoration Of 4' Diameter Manhole Interior	408.37	
		For 80 Mil Material, Add	*37.69*	
		For 100 Mil Material, Add	*75.38*	
		For 125 Mil Material, Add	*115.35*	
		For 150 Mil Material, Add	*155.32*	
		For 200 Mil Material, Add	*216.21*	
		For 2 To 5 Manholes, Deduct	*-29.94*	
		For 6 To 10 Manholes, Deduct	*-49.68*	
		For >10 Manholes, Deduct	*-99.36*	
33 01 30 83-0012	VLF	60 Mil Polyurethane Restoration Of 5' Diameter Manhole Interior	510.47	
		For 80 Mil Material, Add	*47.11*	
		For 100 Mil Material, Add	*94.23*	
		For 125 Mil Material, Add	*144.19*	
		For 150 Mil Material, Add	*194.16*	
		For 200 Mil Material, Add	*270.27*	
		For 2 To 5 Manholes, Deduct	*-37.43*	
		For 6 To 10 Manholes, Deduct	*-62.10*	
		For >10 Manholes, Deduct	*-124.20*	
33 01 30 83-0013	VLF	60 Mil Polyurethane Restoration Of 6' Diameter Manhole Interior	612.57	
		For 80 Mil Material, Add	*56.54*	
		For 100 Mil Material, Add	*113.08*	
		For 125 Mil Material, Add	*173.04*	
		For 150 Mil Material, Add	*233.00*	
		For 200 Mil Material, Add	*324.33*	
		For 2 To 5 Manholes, Deduct	*-44.92*	
		For 6 To 10 Manholes, Deduct	*-74.52*	
		For >10 Manholes, Deduct	*-149.04*	

33 01 30 83-0014 Multiplexx™ PVCP Cured-In-Place (CIP) Lining Manhole Restoration, Interior *(33 01 30 83-0001)*

33 01 30 83-0015	VLF	3' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	540.78	
		For 2 To 5 Manholes, Deduct	*-31.35*	
		For 6 To 10 Manholes, Deduct	*-49.19*	
		For >10 Manholes, Deduct	*-98.37*	
33 01 30 83-0016	VLF	3-1/2' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	662.28	
		For 2 To 5 Manholes, Deduct	*-38.39*	
		For 6 To 10 Manholes, Deduct	*-60.22*	
		For >10 Manholes, Deduct	*-120.43*	
33 01 30 83-0017	VLF	4' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	780.92	
		For 2 To 5 Manholes, Deduct	*-44.80*	
		For 6 To 10 Manholes, Deduct	*-70.07*	
		For >10 Manholes, Deduct	*-140.15*	
33 01 30 83-0018	VLF	5' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	979.35	
		For 2 To 5 Manholes, Deduct	*-56.16*	
		For 6 To 10 Manholes, Deduct	*-87.83*	
		For >10 Manholes, Deduct	*-175.66*	
33 01 30 83-0019	VLF	6' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	1,177.79	
		For 2 To 5 Manholes, Deduct	*-67.52*	
		For 6 To 10 Manholes, Deduct	*-105.59*	
		For >10 Manholes, Deduct	*-211.18*	

33 01 30 86 Manhole Rim Adjustment *(33 01 30)*

33 01 30 86-0001 Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers *(33 01 30 86)*

33 01 30 86-0002 Up To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers *(33 01 30 86-0001)*

33 01 30 86-0003	EA	Up To 2" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	380.67	
33 01 30 86-0004	EA	>2" To 3" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	428.32	
33 01 30 86-0005	EA	>3" To 4" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	471.60	
33 01 30 86-0006	EA	>4" To 5" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	520.65	
33 01 30 86-0007	EA	>5" To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	560.51	

33 01 30 86-0008 Up To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser *(33 01 30 86-0001)*

33 01 30 86-0009	EA	Up To 2" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	447.81	
33 01 30 86-0010	EA	>2 To 3" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	488.18	
33 01 30 86-0011	EA	>3" To 4" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	538.96	
33 01 30 86-0012	EA	>4" To 5" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	588.00	
33 01 30 86-0013	EA	>5" To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	635.32	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 86-0014		>6" To 12" Rise, >32-1/2" To 36" Diameter, Solid, Cast Iron, Manhole Cover Risers *(33 01 30 86-0001)*		
33 01 30 86-0015	EA	>6" To 6-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	625.39	
33 01 30 86-0016	EA	7" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	680.25	
33 01 30 86-0017	EA	7-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	735.99	
33 01 30 86-0018	EA	8" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	780.35	
33 01 30 86-0019	EA	9" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	848.10	
33 01 30 86-0020	EA	10" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	909.64	
33 01 30 86-0021	EA	11" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	969.90	
33 01 30 86-0022	EA	12" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	1,031.46	
33 01 30 86-0023		>12" Rise, Solid Manhole Risers *(33 01 30 86)*		
33 01 30 86-0024		Precast Concrete Manhole Riser *(33 01 30 86-0023)*		
33 01 30 86-0025	VLF	Up To 26" Diameter Precast Concrete Manhole Riser	105.23	
33 01 30 86-0026	VLF	>26" To 36" Diameter Precast Concrete Manhole Riser	125.96	
33 01 30 86-0027	VLF	>36" To 48" Diameter Precast Concrete Manhole Riser	176.92	
33 01 30 86-0028	VLF	>48" To 60" Diameter Precast Concrete Manhole Riser	359.26	
33 01 30 86-0029	VLF	>60" To 72" Diameter Precast Concrete Manhole Riser	526.52	
33 01 30 89		**By-Pass Piping and Pumping of Sewer Utilities** *(33 01 30)*		
33 01 30 89-0001		Set-Up By-Pass Pumping Unit *(33 01 30 89)* Note: Excludes pump and hose rental. See CSI section 01 22 23 00-1113 for pump rental, 01 22 23 00-1156 for suction hose, 01 22 23 00-1175 for discharge hose.		
33 01 30 89-0002	EA	Set-up By-Pass Pumping Unit	1,859.64	
33 01 30 89-0003	EA	Re-Set Up/Move By-Pass Pumping Unit	929.81	
33 01 30 89-0004		By-Pass Pumping *(33 01 30 89)* Note: Excludes pump rental. See CSI section 01 22 23 00-1113 for pump rental.		
33 01 30 89-0005	DAY	Maintain And Operate By-Pass Pumping Unit	464.91	
33 01 30 89-0006	WK	Maintain And Operate By-Pass Pumping Unit	2,324.54	
33 01 30 89-0007	MO	Maintain And Operate By-Pass Pumping Unit	9,763.09	
33 01 30 89-0008		Temporary Bypass And Service Lines *(33 01 30 89)* Note: Laid on ground, includes fittings and connections. Remove after use.		
33 01 30 89-0009		Temporary Water Service Lines *(33 01 30 89-0008)* Note: Laid on ground, includes fittings, connections and chlorination prior to each use. Remove after use.		
33 01 30 89-0010	LF	1/2" Temporary Service Hose With Fittings Note: Includes removal after use.	2.77	
33 01 30 89-0011	LF	3/4" Temporary Service Hose With Fittings Note: Includes removal after use.	3.51	
33 01 30 89-0012	LF	1" Temporary Service Hose With Fittings Note: Includes removal after use.	4.11	
33 01 30 89-0013	LF	1-1/2" Temporary Service Hose With Fittings Note: Includes removal after use.	4.94	
33 01 30 89-0014	LF	2" Temporary Service Hose With Fittings Note: Includes removal after use.	6.09	
33 01 30 89-0015	EA	Temporary Service Valve Assembly At Fire Hydrant Note: Includes removal after use.	299.64	
33 01 30 89-0016		Temporary Bypass Water Main Lines *(33 01 30 89-0008)* Note: Laid on ground, includes fittings, connections and chlorination prior to each use. Remove after use.		
33 01 30 89-0017	LF	2" Temporary Bypass Pipe With Fittings Note: Includes removal after use.	6.28	
		For >500 To 1,000, Deduct	*-0.42*	
		For >1,000 To 5,000, Deduct	*-0.83*	
		For >5,000, Deduct	*-1.39*	
33 01 30 89-0018	LF	4" Temporary Bypass Pipe With Fittings Note: Includes removal after use.	7.95	
		For >500 To 1,000, Deduct	*-0.54*	
		For >1,000 To 5,000, Deduct	*-1.07*	
		For >5,000, Deduct	*-1.79*	
33 01 30 89-0019	LF	6" Temporary Bypass Pipe With Fittings Note: Includes removal after use.	9.98	
		For >500 To 1,000, Deduct	*-0.62*	
		For >1,000 To 5,000, Deduct	*-1.25*	
		For >5,000, Deduct	*-2.08*	
33 01 30 89-0020	LF	8" Temporary Bypass Pipe With Fittings Note: Includes removal after use.	12.83	
		For >500 To 1,000, Deduct	*-0.75*	
		For >1,000 To 5,000, Deduct	*-1.50*	
		For >5,000, Deduct	*-2.50*	
33 01 30 89-0021		Piping Protection For Temporary Water Line *(33 01 30 89-0008)*		

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 89-0022	LF	Cold Mix For Temporary Pipe Note: Install along each side of pipe edge. Unit of measure "LF" is for length of pipe and includes both sides of pipe.		3.29	
33 01 30 89-0023		Drill Meter Cover For Temporary Water Line *(33 01 30 89-0008)*			
33 01 30 89-0024	EA	Drill Meter Cover For Temporary Bypass Pipe		17.11	

33 01 34 Operation and Maintenance of Onsite Wastewater Disposal Systems *(33 01)*

33 01 34 13 Septic Tank Solids Removal *(33 01 34)*

33 01 34 13-0001		Pump Out Septic Tanks *(33 01 34 13)*			
33 01 34 13-0002	GAL	Pump Out Septic Tank And Dispose		0.68	

33 01 40 Operation and Maintenance of Stormwater Utilities *(33 01)*

33 01 40 00-0001		Solid Wall High Density Polyethylene (HDPE) Culvert Slip-Lining System *(33 01 40)* Note: Snap-Tite slip-lining system. Excludes culvert cleaning and grouting. See CSI section 33 01 30 41-0024 for culvert cleaning.			
33 01 40 00-0002	LF	6.625" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		21.86	
		For Profile Wall (Corrugated), Deduct		*-3.32*	
33 01 40 00-0003	LF	8.625" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		32.57	
		For Profile Wall (Corrugated), Deduct		*-5.20*	
33 01 40 00-0004	LF	10.75" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		30.73	
		For Profile Wall (Corrugated), Deduct		*-4.61*	
33 01 40 00-0005	LF	12.75" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		40.47	
		For Profile Wall (Corrugated), Deduct		*-6.23*	
33 01 40 00-0006	LF	14" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		46.40	
		For Profile Wall (Corrugated), Deduct		*-6.98*	
33 01 40 00-0007	LF	16" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		55.74	
		For Profile Wall (Corrugated), Deduct		*-8.69*	
33 01 40 00-0008	LF	18" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		70.05	
		For Profile Wall (Corrugated), Deduct		*-10.94*	
33 01 40 00-0009	LF	20" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		85.78	
		For Profile Wall (Corrugated), Deduct		*-13.64*	
33 01 40 00-0010	LF	22" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		98.87	
		For Profile Wall (Corrugated), Deduct		*-15.82*	
33 01 40 00-0011	LF	24" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		113.07	
		For Profile Wall (Corrugated), Deduct		*-18.22*	
33 01 40 00-0012	LF	26" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		128.94	
		For Profile Wall (Corrugated), Deduct		*-20.96*	
33 01 40 00-0013	LF	28" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		145.33	
		For Profile Wall (Corrugated), Deduct		*-23.80*	
33 01 40 00-0014	LF	30" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		168.07	
		For Profile Wall (Corrugated), Deduct		*-27.91*	
33 01 40 00-0015	LF	32" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		191.91	
		For Profile Wall (Corrugated), Deduct		*-32.23*	
33 01 40 00-0016	LF	34" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		211.98	
		For Profile Wall (Corrugated), Deduct		*-35.81*	
33 01 40 00-0017	LF	36" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		232.05	
		For Profile Wall (Corrugated), Deduct		*-39.38*	
33 01 40 00-0018	LF	39.37" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		264.89	
		For Profile Wall (Corrugated), Deduct		*-45.51*	
33 01 40 00-0019	LF	42" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		297.72	
		For Profile Wall (Corrugated), Deduct		*-51.64*	
33 01 40 00-0020	LF	48" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		381.82	
		For Profile Wall (Corrugated), Deduct		*-68.02*	
33 01 40 00-0021	LF	54" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		464.84	
		For Profile Wall (Corrugated), Deduct		*-84.19*	
33 01 40 00-0022	LF	57" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		514.68	
		For Profile Wall (Corrugated), Deduct		*-93.71*	
33 01 40 00-0023	LF	60" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		564.06	
		For Profile Wall (Corrugated), Deduct		*-103.15*	
33 01 40 00-0024	LF	63" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		614.36	
		For Profile Wall (Corrugated), Deduct		*-112.77*	
33 01 40 00-0025	LF	66" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		689.39	
		For Profile Wall (Corrugated), Deduct		*-127.12*	
33 01 40 00-0026	LF	72" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		732.15	
		For Profile Wall (Corrugated), Deduct		*-134.79*	
33 01 40 00-0027	LF	78" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		778.71	
		For Profile Wall (Corrugated), Deduct		*-143.01*	
33 01 40 00-0028	LF	84" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		845.07	
		For Profile Wall (Corrugated), Deduct		*-155.40*	
33 01 40 00-0029	LF	90" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		865.35	
		For Profile Wall (Corrugated), Deduct		*-158.58*	
33 01 40 00-0030	LF	96" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner DR 32.5		877.76	
		For Profile Wall (Corrugated), Deduct		*-159.96*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 40 00-0031	LF	16.5 x 23" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	114.08	
		For Profile Wall (Corrugated), Deduct	*-18.38*	
33 01 40 00-0032	LF	17" x 26" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	128.06	
		For Profile Wall (Corrugated), Deduct	*-20.35*	
33 01 40 00-0033	LF	18" x 29" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	141.17	
33 01 40 00-0034	LF	19" x 32" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	162.87	
		For Profile Wall (Corrugated), Deduct	*-26.15*	
33 01 40 00-0035	LF	21" x 33.5" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	178.63	
		For Profile Wall (Corrugated), Deduct	*-28.72*	
33 01 40 00-0036	LF	22.5 x 36" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	200.15	
		For Profile Wall (Corrugated), Deduct	*-32.44*	
33 01 40 00-0037	LF	26" x 37" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	222.78	
		For Profile Wall (Corrugated), Deduct	*-36.38*	
33 01 40 00-0038	LF	30" x 41" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	266.59	
		For Profile Wall (Corrugated), Deduct	*-43.97*	
33 01 40 00-0039	LF	31" x 46" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	299.17	
33 01 40 00-0040	LF	34" x 48.5" Outside Diamter High Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	330.74	
		For Profile Wall (Corrugated), Deduct	*-55.63*	
33 01 40 00-0041	LF	39" x 55.5" Outside Diamter High Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	407.77	
		For Profile Wall (Corrugated), Deduct	*-70.46*	
33 01 40 00-0042	LF	43" x 63" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	488.13	
		For Profile Wall (Corrugated), Deduct	*-85.94*	
33 01 40 00-0043	LF	48" x 75" Outside Daimeter High Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	621.76	
		For Profile Wall (Corrugated), Deduct	*-112.67*	
33 01 40 00-0044	LF	52" x 72.5" Outside Diameter High Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	630.52	
		For Profile Wall (Corrugated), Deduct	*-112.67*	
33 01 40 00-0045	LF	58" x 67.5" Outside Diamter High Density Polyethylene (HDPE) Culvert Liner For Elliptical, Arched Or Oval Culvert	630.52	
		For Profile Wall (Corrugated), Deduct	*-112.67*	

33 05 Common Work Results for Utilities *(33)*

33 05 07 Trenchless Installation of Utility Piping *(33 05)*

33 05 07 13 Utility Directional Drilling *(33 05 07)*

33 05 07 13-0001 Horizontal Augering *(33 05 07 13)*

Note: Excludes starting or receiving pits, dewatering, cost of casing pipe or spoils removal.

33 05 07 13-0002	LF	Up To 2" Diameter Horizontal Hand Augering	26.54
33 05 07 13-0003	LF	3" Diameter Horizontal Hand Augering	32.03
33 05 07 13-0004	LF	4" Diameter Horizontal Hand Augering	43.92
33 05 07 13-0005	LF	6" Diameter Horizontal Hand Augering	56.73
33 05 07 13-0006	LF	8" Diameter Horizontal Augering	100.46
33 05 07 13-0007	LF	10" Diameter Horizontal Augering	146.55
33 05 07 13-0008	LF	12" Diameter Horizontal Augering	176.09
33 05 07 13-0009	LF	16" Diameter Horizontal Augering	210.37
33 05 07 13-0010	LF	20" Diameter Horizontal Augering	364.00
33 05 07 13-0011	LF	24" Diameter Horizontal Augering	452.96
33 05 07 13-0012	LF	30" Diameter Horizontal Augering	558.70
33 05 07 13-0013	LF	36" Diameter Horizontal Augering	638.33
33 05 07 13-0014	LF	42" Diameter Horizontal Augering	808.01
33 05 07 13-0015	LF	48" Diameter Horizontal Augering	870.64
33 05 07 13-0016	LF	54" Diameter Horizontal Augering	946.87
33 05 07 13-0017	LF	60" Diameter Horizontal Augering	992.68
33 05 07 13-0018	EA	8" To 20" Horizontal Augering Minimum Set-up Charge Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,254.56
33 05 07 13-0019	EA	>20" To 36" Horizontal Augering Minimum Set-up Charge Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	5,743.65
33 05 07 13-0020	EA	>36" Horizontal Augering Minimum Set-up Charge Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	8,248.58

33 05 07 13-0021 Horizontal Directional Boring *(33 05 07 13)*

Note: Excludes receiving pits or dewatering or cost of casing pipe.

33 05 07 13-0022	LF	Up To 1-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	13.93
		For Horizontal Boring Through Rock, Add	*9.75*
33 05 07 13-0023	LF	2" Diameter Directional Boring For Horizontal Pipe, Underground	20.90
		For Horizontal Boring Through Rock, Add	*14.63*
33 05 07 13-0024	LF	2-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	29.03
		For Horizontal Boring Through Rock, Add	*20.32*
33 05 07 13-0025	LF	3" Diameter Directional Boring For Horizontal Pipe, Underground	36.00
		For Horizontal Boring Through Rock, Add	*25.20*
33 05 07 13-0026	LF	4" Diameter Directional Boring For Horizontal Pipe, Underground	42.96
		For Horizontal Boring Through Rock, Add	*30.07*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 07 13-0027	LF	5" Diameter Directional Boring For Horizontal Pipe, Underground	49.93	
		For Horizontal Boring Through Rock, Add	*34.95*	
33 05 07 13-0028	LF	6" Diameter Directional Boring For Horizontal Pipe, Underground	58.06	
		For Horizontal Boring Through Rock, Add	*40.64*	
33 05 07 13-0029	LF	8" Diameter Directional Boring For Horizontal Pipe, Underground	70.91	
		For Horizontal Boring Through Rock, Add	*49.64*	
33 05 07 13-0030	LF	10" Diameter Directional Boring For Horizontal Pipe, Underground	76.82	
		For Horizontal Boring Through Rock, Add	*53.77*	
33 05 07 13-0031	LF	12" Diameter Directional Boring For Horizontal Pipe, Underground	82.73	
		For Horizontal Boring Through Rock, Add	*57.91*	
33 05 07 13-0032	LF	18" Diameter Directional Boring For Horizontal Pipe, Underground	171.36	
		For Horizontal Boring Through Rock, Add	*119.95*	
33 05 07 13-0033	LF	24" Diameter Directional Boring For Horizontal Pipe, Underground	267.61	
		For Horizontal Boring Through Rock, Add	*187.33*	
33 05 07 13-0034	LF	30" Diameter Directional Boring For Horizontal Pipe, Underground	407.93	
		For Horizontal Boring Through Rock, Add	*285.55*	
33 05 07 13-0035	LF	36" Diameter Directional Boring For Horizontal Pipe, Underground	652.69	
		For Horizontal Boring Through Rock, Add	*456.88*	
33 05 07 13-0036	EA	Up To 6" Horizontal Directional Boring Minimum Set-up Charge Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,715.81	
33 05 07 13-0037	EA	>6" To 18" Horizontal Directional Boring Minimum Set-up Charge Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,254.56	
33 05 07 13-0038	EA	>18" To 36" Horizontal Directional Boring Minimum Set-up Charge Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	5,743.65	

33 05 07 23 Utility Boring and Jacking *(33 05 07)*

33 05 07 23-0001 Horizontal Jacking *(33 05 07 23)*

Note: Includes cost of steel casing pipe, excludes dewatering and excavation for jacking pit or receiving pit.

33 05 07 23-0002	LF	Up To 2" Diameter Horizontal Jacking	83.49	
		For Horizontal Jacking Through Rock, Add	*31.01*	
33 05 07 23-0003	LF	3" Diameter Horizontal Jacking	99.78	
		For Horizontal Jacking Through Rock, Add	*37.42*	
33 05 07 23-0004	LF	4" Diameter Horizontal Jacking	133.89	
		For Horizontal Jacking Through Rock, Add	*51.32*	
33 05 07 23-0005	LF	6" Diameter Horizontal Jacking	173.09	
		For Horizontal Jacking Through Rock, Add	*66.29*	
33 05 07 23-0006	LF	8" Diameter Horizontal Jacking	233.15	
		For Horizontal Jacking Through Rock, Add	*90.87*	
33 05 07 23-0007	LF	10" Diameter Horizontal Jacking	342.62	
		For Horizontal Jacking Through Rock, Add	*132.59*	
33 05 07 23-0008	LF	12" Diameter Horizontal Jacking	412.88	
		For Horizontal Jacking Through Rock, Add	*159.32*	
33 05 07 23-0009	LF	16" Diameter Horizontal Jacking	492.81	
		For Horizontal Jacking Through Rock, Add	*190.33*	
33 05 07 23-0010	LF	20" Diameter Horizontal Jacking	724.98	
		For Horizontal Jacking Through Rock, Add	*330.40*	
33 05 07 23-0011	LF	24" Diameter Horizontal Jacking	1,420.48	
		For Horizontal Jacking Through Rock, Add	*370.80*	
33 05 07 23-0012	LF	30" Diameter Horizontal Jacking	1,616.11	
		For Horizontal Jacking Through Rock, Add	*457.86*	
33 05 07 23-0013	LF	36" Diameter Horizontal Jacking	1,816.81	
		For Horizontal Jacking Through Rock, Add	*523.52*	
33 05 07 23-0014	LF	42" Diameter Horizontal Jacking	1,947.81	
		For Horizontal Jacking Through Rock, Add	*565.33*	
33 05 07 23-0015	LF	48" Diameter Horizontal Jacking	2,117.27	
		For Horizontal Jacking Through Rock, Add	*609.13*	
33 05 07 23-0016	LF	54" Diameter Horizontal Jacking	2,247.23	
		For Horizontal Jacking Through Rock, Add	*662.93*	
33 05 07 23-0017	EA	Up To 6" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,715.81	
33 05 07 23-0018	EA	>6" To 20" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,254.56	
33 05 07 23-0019	EA	>20" To 36" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	5,743.65	
33 05 07 23-0020	EA	>36" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	8,248.58	

33 05 07 24 Casing Piping for Utility Jacking *(33 05 07)*

33 05 07 24-0001 Casing Pipe *(33 05 07 24)*

Note: Casing pipe is pulled back from hook on boring auger through slurry. Costs are installed costs. Excludes boring.

33 05 07 24-0002 Steel Pipe *(33 05 07 24-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 07 24-0003	LF	1-1/2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	33.19	
33 05 07 24-0004	LF	2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	35.06	
33 05 07 24-0005	LF	2-1/2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	38.04	
33 05 07 24-0006	LF	3" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	41.07	
33 05 07 24-0007	LF	4" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	52.75	
33 05 07 24-0008	LF	5" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	60.07	
33 05 07 24-0009	LF	6" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	67.35	
33 05 07 24-0010		Polyethylene Pipe *(33 05 07 24-0001)*		
33 05 07 24-0011	LF	3/4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	8.10	
33 05 07 24-0012	LF	1" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	8.82	
33 05 07 24-0013	LF	1-1/4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	9.54	
33 05 07 24-0014	LF	1-1/2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	10.20	
33 05 07 24-0015	LF	2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	10.92	
33 05 07 24-0016	LF	2-1/2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	11.74	
33 05 07 24-0017	LF	3" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	12.60	
33 05 07 24-0018	LF	4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	15.65	
33 05 07 24-0019	LF	5" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	17.51	
33 05 07 24-0020	LF	6" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	19.39	
33 05 07 24-0021	LF	8" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	25.90	
33 05 07 24-0022	LF	10" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	36.15	

33 05 09 Piping Specials for Utilities *(33 05)*

33 05 09 23 Adapters for Utility Piping *(33 05 09)*

See CSI section 33 14 13 53-0222 for ductile iron body adapters, 33 14 13 53-0229 for steel body adapters.

33 05 09 33 Thrust Restraint for Utility Piping *(33 05 09)*

See CSI section 33 14 13 13-0587 for mechanical restraints, 33 14 13 13-0622 for flanged restraints, 33 14 13 13-1194 for slip-on restraints, 33 14 13 13-1210 for slip-on restraint harnesses.

33 05 16 Cast-Iron Utility Pipe *(33 05)*

See CSI section 22 13 16 00-0019 for cast iron utility piping.

33 05 17 Copper Utility Pipe and Tubing *(33 05)*

See CSI section 33 14 13 39-0000 for copper utility piping.

33 05 19 Ductile-Iron Utility Pipe *(33 05)*

See CSI section 33 14 13 13-0000 for ductile iron utility piping.

33 05 24 Steel Utility Pipe *(33 05)*

33 05 24 23 Steel Pipe for Water Service *(33 05 24)*

See CSI section 33 14 13 26-0000 for galvanized steel utility piping, 33 14 13 36-0000 for steel utility piping.

33 05 27 Corrugated Metal Utility Pipe *(33 05)*

33 05 27 13 Corrugated Metal Culvert Pipe *(33 05 27)*

See CSI section 33 42 11 00-0500 for corrugated metal culvert pipe.

33 05 27 23 Corrugated Metal Slotted Pipe *(33 05 27)*

See CSI section 33 41 16 13-0085 for corrugated metal slotted pipe.

33 05 27 33 Corrugated Metal Culvert Arch Pipe *(33 05 27)*

See CSI section 33 42 11 00-0844 for corrugated metal culvert arch pipe.

33 05 31 Thermoplastic Utility Pipe *(33 05)*

33 05 31 11 Polyvinyl Chloride Gravity Sewer Pipe *(33 05 31)*

See CSI section 33 31 11 00-0000 for polyvinyl chloride gravity sewer pipe.

33 05 31 13 Polyvinyl Chloride Pressure Pipe *(33 05 31)*

See CSI section 33 14 13 23-0001 for polyvinyl chloride pressure pipe.

33 05 31 16 Polyvinyl Chloride Pressure Pipe for Water Transmission and Distribution

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

(AWWA C900 and AWWA C905) *(33 05 31)*
See CSI section 33 14 13 23-0171 for AWWA C900 and 905 polyvinyl chloride pressure pipe.

33 05 33 Polyethylene Utility Pipe *(33 05)*

33 05 33 13 Corrugated-Wall, Smooth Interior HDPE Gravity Pipe *(33 05 33)*
See CSI section 33 42 11 00-0241 for corrugated-wall smooth interior HDPE gravity pipe.

33 05 33 23 Polyethylene Pressure Pipe and Tubing (AWWA C901 and AWWA C906) *(33 05 33)*
See CSI section 33 14 13 23-0426 for AWWA C906 high density polyethylene pipe.

33 05 33 33 Corrugated, Perforated HDPE Drainage Pipe *(33 05 33)*
See CSI section 33 42 11 00-0263 for corrugated perforated HDPE drainage pipe.

33 05 33 36 Corrugated, Non-Perforated HDPE Drainage Pipe *(33 05 33)*
See CSI section 33 41 16 13-0002 for corrugated non-perforated HDPE drainage pipe.

33 05 33 53 HDPE Gas Utility Pipe *(33 05 33)*
See CSI section 33 52 16 26-0001 for high-density polyethylene gas utility pipe.

33 05 33 56 Medium-Density Polyethylene Gas Utility Pipe *(33 05 33)*
See CSI section 33 52 16 23-0000 for Medium-Density Polyethylene Gas Utility Pipe.

33 05 33 63 HDPE Communication Duct *(33 05 33)*

33 05 33 63-0001 ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine *(33 05 33 63)*
Note: Excludes boring.

33 05 33 63-0002	LF	1" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine			3.62
		For Up To 250, Add			*0.12*
		For >250 To 500, Add			*0.08*
33 05 33 63-0003	LF	1-1/4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine			4.05
		For Up To 250, Add			*0.14*
		For >250 To 500, Add			*0.10*
33 05 33 63-0004	LF	1-1/2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine			4.39
		For Up To 250, Add			*0.16*
		For >250 To 500, Add			*0.11*
33 05 33 63-0005	LF	2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine			4.84
		For Up To 250, Add			*0.19*
		For >250 To 500, Add			*0.13*
33 05 33 63-0006	LF	3" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine			6.53
		For Up To 250, Add			*0.41*
		For >250 To 500, Add			*0.27*
33 05 33 63-0007	LF	4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine			8.28
		For Up To 250, Add			*0.62*
		For >250 To 500, Add			*0.41*
33 05 33 63-0008	LF	1" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine			3.70
		For Up To 250, Add			*0.13*
		For >250 To 500, Add			*0.09*
33 05 33 63-0009	LF	1-1/4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine			4.21
		For Up To 250, Add			*0.17*
		For >250 To 500, Add			*0.11*
33 05 33 63-0010	LF	1-1/2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine			4.52
		For Up To 250, Add			*0.18*
		For >250 To 500, Add			*0.12*
33 05 33 63-0011	LF	2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine			5.16
		For Up To 250, Add			*0.24*
		For >250 To 500, Add			*0.16*
33 05 33 63-0012	LF	3" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine			7.22
		For Up To 250, Add			*0.51*
		For >250 To 500, Add			*0.34*
33 05 33 63-0013	LF	4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine			9.16
		For Up To 250, Add			*0.75*
		For >250 To 500, Add			*0.50*

33 05 39 Concrete Pipe *(33 05)*

33 05 39 13 Prestressed Concrete Pressure Pipe, Steel-Cylinder Type (AWWA C301) *(33 05 39)*
See CSI section 33 42 11 00-0094 for prestressed concrete pressure pipe.

33 05 39 41 Reinforced Concrete Pipe for Sewers and Culverts *(33 05 39)*
See CSI section 33 42 11 00-0001 for reinforced concrete pipe.

33 05 39 46 Reinforced Concrete Elliptical Pipe for Sewers and Culverts *(33 05 39)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

See CSI section 33 42 11 00-0019 for reinforced concrete elliptical pipe.

33 05 41 Vitrified Clay Utility Pipe *(33 05)*

See CSI section 33 42 11 00-0367 for vitrified clay piping.

33 05 61 Concrete Manholes *(33 05)*

33 05 61 00-0001 Manholes *(33 05 61)*

33 05 61 00-0002 Precast Concrete Manholes *(33 05 61 00-0001)*

Note: Includes base, riser(s), reducer and openings. Excludes excavation, aggregate, backfill and frame/cover.
See CSI section 33 05 84 00-0002 for top slabs.

33 05 61 00-0003 3' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0004	EA	4' Deep, 3' Diameter, Precast Concrete Manhole	1,651.60	296.26
		For Bitumastic Coating, Add	*76.16*	
		For Epoxy Coating, Add	*145.53*	
33 05 61 00-0005	EA	6' Deep, 3' Diameter, Precast Concrete Manhole	2,250.85	425.53
		For Bitumastic Coating, Add	*114.24*	
		For Epoxy Coating, Add	*218.29*	
33 05 61 00-0006	EA	8' Deep, 3' Diameter, Precast Concrete Manhole	3,033.25	646.37
		For Bitumastic Coating, Add	*152.31*	
		For Epoxy Coating, Add	*291.06*	
33 05 61 00-0007	VLF	Riser For 3' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	321.17	75.40
		For Bitumastic Coating, Add	*19.04*	
		For Epoxy Coating, Add	*36.38*	
33 05 61 00-0008	VLF	Drop Collar For 3' Diameter, Precast Concrete Manhole	346.16	75.40
33 05 61 00-0009	EA	Drop Base For 3' Diameter, Precast Concrete Manhole	554.13	75.40
33 05 61 00-0010	EA	Extended Base Slab For 3' Diameter, Precast Concrete Manhole	442.45	75.40
33 05 61 00-0011	EA	Precast Channel For 3' Diameter, Precast Concrete Manhole	632.67	75.40

33 05 61 00-0012 4' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0013	EA	4' Deep, 4' Diameter, Precast Concrete Manhole	2,463.41	339.34
		For Bitumastic Coating, Add	*76.16*	
		For Epoxy Coating, Add	*145.53*	
33 05 61 00-0014	EA	6' Deep, 4' Diameter, Precast Concrete Manhole	3,286.63	463.23
		For Bitumastic Coating, Add	*114.24*	
		For Epoxy Coating, Add	*218.29*	
33 05 61 00-0015	EA	8' Deep, 4' Diameter, Precast Concrete Manhole	4,326.16	700.23
		For Bitumastic Coating, Add	*152.31*	
		For Epoxy Coating, Add	*291.06*	
33 05 61 00-0016	VLF	Riser For 4' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	461.42	88.88
		For Bitumastic Coating, Add	*19.04*	
		For Epoxy Coating, Add	*36.38*	
33 05 61 00-0017	VLF	Drop Collar For 4' Diameter, Precast Concrete Manhole	503.43	88.88
33 05 61 00-0018	EA	Drop Base For 4' Diameter, Precast Concrete Manhole	852.98	88.88
33 05 61 00-0019	EA	Extended Base Slab For 4' Diameter, Precast Concrete Manhole	665.27	88.88
33 05 61 00-0020	EA	Precast Channel For 4' Diameter, Precast Concrete Manhole	985.02	88.88

33 05 61 00-0021 5' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0022	EA	4' Deep, 5' Diameter, Precast Concrete Manhole	4,665.46	377.04
		For Bitumastic Coating, Add	*98.12*	
		For Epoxy Coating, Add	*234.61*	
33 05 61 00-0023	EA	6' Deep, 5' Diameter, Precast Concrete Manhole	6,211.55	517.10
		For Bitumastic Coating, Add	*147.19*	
		For Epoxy Coating, Add	*351.91*	
33 05 61 00-0024	EA	8' Deep, 5' Diameter, Precast Concrete Manhole	7,997.44	775.65
		For Bitumastic Coating, Add	*196.25*	
		For Epoxy Coating, Add	*469.22*	
33 05 61 00-0025	VLF	Riser For 5' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	828.60	96.95
		For Bitumastic Coating, Add	*24.53*	
		For Epoxy Coating, Add	*58.65*	

33 05 61 00-0026 6' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0027	EA	4' Deep, 6' Diameter, Precast Concrete Manhole	6,272.83	420.14
		For Bitumastic Coating, Add	*112.34*	
		For Epoxy Coating, Add	*274.66*	
33 05 61 00-0028	EA	6' Deep, 6' Diameter, Precast Concrete Manhole	8,166.17	570.96
		For Bitumastic Coating, Add	*168.51*	
		For Epoxy Coating, Add	*412.00*	
33 05 61 00-0029	EA	8' Deep, 6' Diameter, Precast Concrete Manhole	10,328.00	861.83
		For Bitumastic Coating, Add	*224.67*	
		For Epoxy Coating, Add	*549.33*	
33 05 61 00-0030	VLF	Riser For 6' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	1,007.97	107.73
		For Bitumastic Coating, Add	*28.08*	
		For Epoxy Coating, Add	*68.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 61 00-0031		**7' Diameter, Precast Concrete Manholes** *(33 05 61 00-0002)*		
33 05 61 00-0032	EA	4' Deep, 7' Diameter, Precast Concrete Manhole	9,918.69	463.23
		For Bitumastic Coating, Add	*238.89*	
		For Epoxy Coating, Add	*479.96*	
33 05 61 00-0033	EA	6' Deep, 7' Diameter, Precast Concrete Manhole	12,821.46	631.83
		For Bitumastic Coating, Add	*358.33*	
		For Epoxy Coating, Add	*719.94*	
33 05 61 00-0034	EA	8' Deep, 7' Diameter, Precast Concrete Manhole	16,019.42	948.01
		For Bitumastic Coating, Add	*477.78*	
		For Epoxy Coating, Add	*959.91*	
33 05 61 00-0035	VLF	Riser For 7' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	1,519.79	118.50
		For Bitumastic Coating, Add	*59.72*	
		For Epoxy Coating, Add	*119.99*	
33 05 61 00-0036		**8' Diameter, Precast Concrete Manholes** *(33 05 61 00-0002)*		
33 05 61 00-0037	EA	4' Deep, 8' Diameter, Precast Concrete Manhole	14,374.67	533.26
		For Bitumastic Coating, Add	*282.42*	
		For Epoxy Coating, Add	*585.03*	
33 05 61 00-0038	EA	6' Deep, 8' Diameter, Precast Concrete Manhole	18,633.51	727.17
		For Bitumastic Coating, Add	*423.63*	
		For Epoxy Coating, Add	*877.54*	
33 05 61 00-0039	EA	8' Deep, 8' Diameter, Precast Concrete Manhole	23,231.70	1,090.75
		For Bitumastic Coating, Add	*564.84*	
		For Epoxy Coating, Add	*1,170.05*	
33 05 61 00-0040	VLF	Riser For 8' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	2,204.83	134.66
		For Bitumastic Coating, Add	*70.60*	
		For Epoxy Coating, Add	*146.26*	

33 05 63 Concrete Vaults and Chambers *(33 05)*

33 05 63 00-0001 Underground Utility Vaults And Structures *(33 05 63)*
See CSI section 33 05 61 00-0001 for manholes, 33 05 81 00-0006 for frames and covers.

33 05 63 00-0002 Precast Concrete Underground Utility Vault *(33 05 63 00-0001)*
Note: Sizes given are for inside dimensions.

33 05 63 00-0003 6' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

33 05 63 00-0004	EA	4' x 4' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,352.37
33 05 63 00-0005	EA	4' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,369.86
33 05 63 00-0006	EA	5' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,209.27
33 05 63 00-0007	EA	5' x 12' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,324.27
33 05 63 00-0008	EA	6' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,584.48
33 05 63 00-0009	EA	6' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,798.01
33 05 63 00-0010	EA	6' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,012.63
33 05 63 00-0011	EA	6' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	11,576.71
33 05 63 00-0012	EA	6' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	11,576.71
33 05 63 00-0013	EA	6' x 16' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	14,576.90
33 05 63 00-0014	EA	8' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,209.78
33 05 63 00-0015	EA	8' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,620.48
33 05 63 00-0016	EA	8' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,751.67
33 05 63 00-0017	EA	8' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,477.44

33 05 63 00-0018 7' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

33 05 63 00-0019	EA	4' x 4' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,737.89
33 05 63 00-0020	EA	4' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,853.51
33 05 63 00-0021	EA	4' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,893.63
33 05 63 00-0022	EA	5' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,842.18
33 05 63 00-0023	EA	5' x 12' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,042.25
33 05 63 00-0024	EA	6' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,168.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0025	EA	6' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,389.46	
33 05 63 00-0026	EA	6' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,799.32	
33 05 63 00-0027	EA	6' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	12,589.32	
33 05 63 00-0028	EA	6' x 16' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,814.67	
33 05 63 00-0029	EA	8' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,885.21	
33 05 63 00-0030	EA	8' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,379.94	
33 05 63 00-0031	EA	8' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	14,877.48	
33 05 63 00-0032	EA	8' x 14' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	16,714.13	
33 05 63 00-0033	EA	10' x 10' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,101.80	
33 05 63 00-0034		8' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0035	EA	4' x 4' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,027.83	
33 05 63 00-0036	EA	4' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,214.44	
33 05 63 00-0037	EA	5' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,475.07	
33 05 63 00-0038	EA	5' x 12' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,759.16	
33 05 63 00-0039	EA	6' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,597.10	
33 05 63 00-0040	EA	6' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,979.79	
33 05 63 00-0041	EA	6' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,362.49	
33 05 63 00-0042	EA	6' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,601.92	
33 05 63 00-0043	EA	6' x 16' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	17,052.49	
33 05 63 00-0044	EA	8' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,559.59	
33 05 63 00-0045	EA	8' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	11,139.40	
33 05 63 00-0046	EA	8' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	16,002.12	
33 05 63 00-0047	EA	8' x 14' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	17,951.93	
33 05 63 00-0048	EA	10' x 10' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	16,227.27	
33 05 63 00-0049		10' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0050	EA	6' x 6' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,103.44	
33 05 63 00-0051	EA	6' x 8' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,570.12	
33 05 63 00-0052	EA	10' x 10' x 10' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	17,351.86	
33 05 63 00-0053		12' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0054	EA	6' x 6' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,609.74	
33 05 63 00-0055	EA	6' x 8' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,161.54	
33 05 63 00-0056		Meter Pit *(33 05 63 00-0001)*		
33 05 63 00-0057		Precast Concrete Meter Pit *(33 05 63 00-0056)*		
33 05 63 00-0058	EA	4' x 4' x 4' Deep Precast Concrete Meter Pit	3,297.82	
33 05 63 00-0059	EA	4' x 4' x 6' Deep Precast Concrete Meter Pit	4,467.47	
33 05 63 00-0060	EA	4' x 4' x 8' Deep Precast Concrete Meter Pit	5,602.85	
33 05 63 00-0061	EA	4' x 4' x 10' Deep Precast Concrete Meter Pit	6,938.28	
33 05 63 00-0062	EA	4' x 4' x 15' Deep Precast Concrete Meter Pit	9,577.35	
33 05 63 00-0063	EA	6' x 6' x 4' Deep Precast Concrete Meter Pit	4,996.81	
33 05 63 00-0064	EA	6' x 6' x 6' Deep Precast Concrete Meter Pit	6,938.28	
33 05 63 00-0065	EA	6' x 6' x 8' Deep Precast Concrete Meter Pit	8,933.57	
33 05 63 00-0066	EA	6' x 6' x 10' Deep Precast Concrete Meter Pit	11,145.17	
33 05 63 00-0067	EA	6' x 6' x 15' Deep Precast Concrete Meter Pit	15,824.82	
33 05 63 00-0068		Handhole Or Pull Box Enclosures *(33 05 63 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0069		Polymer Concrete Handhole Enclosures *(33 05 63 00-0068)*		
33 05 63 00-0070		Polymer Concrete Handhole Enclosures *(33 05 63 00-0069)* Note: Excludes cover See CSI section 33 05 63 00-0290 for covers.		
33 05 63 00-0071		Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0070)*		
33 05 63 00-0072		Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0071)*		
33 05 63 00-0073	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	564.28	24.16
33 05 63 00-0074	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	442.72	53.67
33 05 63 00-0075	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	677.88	80.50
33 05 63 00-0076	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	805.68	80.50
33 05 63 00-0077	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	763.45	80.50
33 05 63 00-0078	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	947.78	80.50
33 05 63 00-0079	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	919.96	80.50
33 05 63 00-0080	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,293.20	80.50
33 05 63 00-0081	EA	27" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,846.28	107.33
33 05 63 00-0082	EA	27" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,649.52	107.33
33 05 63 00-0083	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,608.18	147.58
33 05 63 00-0084	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,859.72	147.58
33 05 63 00-0085	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	3,168.28	147.58
33 05 63 00-0086	EA	39" Round, 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,712.72	161.00
33 05 63 00-0087	EA	39" Round, 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,536.68	161.00
33 05 63 00-0088	EA	39" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	3,210.48	161.00
33 05 63 00-0089	EA	39" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	4,804.15	161.00
33 05 63 00-0090	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,457.03	249.57
33 05 63 00-0091	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	3,697.14	249.57
33 05 63 00-0092		Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0071)*		
33 05 63 00-0093	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	731.24	24.16
33 05 63 00-0094	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	876.73	80.50
33 05 63 00-0095	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,082.45	80.50
33 05 63 00-0096	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	990.37	80.50
33 05 63 00-0097	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,147.91	80.50
33 05 63 00-0098	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,189.22	80.50
33 05 63 00-0099	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,564.78	80.50
33 05 63 00-0100	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,031.03	147.58
33 05 63 00-0101	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,282.57	147.58
33 05 63 00-0102	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	3,591.17	147.58
33 05 63 00-0103	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,951.18	249.57
33 05 63 00-0104	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	4,200.70	249.57
33 05 63 00-0105		Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0070)*		
33 05 63 00-0106		Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*		
33 05 63 00-0107	EA	5" x 16", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	946.10	24.16
33 05 63 00-0108	EA	10" x 12", 15" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	794.99	24.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0109	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	566.36	80.50
33 05 63 00-0110	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	655.52	80.50
33 05 63 00-0111	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	198.06	24.16
33 05 63 00-0112	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	324.43	24.16
33 05 63 00-0113	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	543.76	24.16
33 05 63 00-0114	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	570.31	24.16
33 05 63 00-0115	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	433.46	53.67
33 05 63 00-0116	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	474.18	53.67
33 05 63 00-0117	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	319.00	24.16
33 05 63 00-0118	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	368.74	24.16
33 05 63 00-0119	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	469.95	53.67
33 05 63 00-0120	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	538.40	53.67
33 05 63 00-0121	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	494.09	53.67
33 05 63 00-0122	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	570.51	80.50
33 05 63 00-0123	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	637.64	80.50
33 05 63 00-0124	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	687.58	80.50
33 05 63 00-0125	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	762.78	80.50
33 05 63 00-0126	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	912.73	80.50
33 05 63 00-0127	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,003.70	80.50
33 05 63 00-0128	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,103.25	80.50
33 05 63 00-0129	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,165.83	80.50
33 05 63 00-0130	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,374.45	107.33
33 05 63 00-0131	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,335.68	147.58
33 05 63 00-0132	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,771.63	147.58
33 05 63 00-0133	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,174.16	147.58
33 05 63 00-0134	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,428.38	147.58
33 05 63 00-0135	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,681.24	147.58
33 05 63 00-0136	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,940.84	249.57
33 05 63 00-0137	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,049.66	249.57
33 05 63 00-0138	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,372.53	249.57
33 05 63 00-0139	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,989.93	249.57
33 05 63 00-0140	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,983.59	249.57
33 05 63 00-0141	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,214.05	249.57
33 05 63 00-0142	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,657.26	249.57
33 05 63 00-0143	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,312.98	267.40
33 05 63 00-0144	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,625.91	267.40
33 05 63 00-0145	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,025.41	267.40
33 05 63 00-0146	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,185.27	267.40
33 05 63 00-0147	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,240.83	267.40
33 05 63 00-0148	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,849.57	267.40
33 05 63 00-0149	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,667.38	267.40
33 05 63 00-0150	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,950.03	267.40
33 05 63 00-0151	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,592.88	285.23
33 05 63 00-0152	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	6,988.45	285.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0153	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	9,068.28	285.23
33 05 63 00-0154		Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*		
33 05 63 00-0155	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	797.86	80.50
33 05 63 00-0156	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	930.14	80.50
33 05 63 00-0157	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	356.60	24.16
33 05 63 00-0158	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	529.31	24.16
33 05 63 00-0159	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	720.23	24.16
33 05 63 00-0160	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	746.81	24.16
33 05 63 00-0161	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	607.29	53.67
33 05 63 00-0162	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	635.63	53.67
33 05 63 00-0163	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	673.51	53.67
33 05 63 00-0164	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	491.87	24.16
33 05 63 00-0165	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	586.95	24.16
33 05 63 00-0166	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	672.59	53.67
33 05 63 00-0167	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	741.05	53.67
33 05 63 00-0168	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	698.90	53.67
33 05 63 00-0169	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	796.58	80.50
33 05 63 00-0170	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	864.56	80.50
33 05 63 00-0171	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	957.36	80.50
33 05 63 00-0172	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,032.08	80.50
33 05 63 00-0173	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,181.60	80.50
33 05 63 00-0174	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,272.96	80.50
33 05 63 00-0175	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,372.07	80.50
33 05 63 00-0176	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,435.10	80.50
33 05 63 00-0177	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,746.42	107.33
33 05 63 00-0178	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,758.57	147.58
33 05 63 00-0179	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,194.00	147.58
33 05 63 00-0180	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,596.10	147.58
33 05 63 00-0181	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,849.92	147.58
33 05 63 00-0182	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,103.62	147.58
33 05 63 00-0183	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,539.14	249.57
33 05 63 00-0184	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,862.49	249.57
33 05 63 00-0185	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,479.41	249.57
33 05 63 00-0186		Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*		
33 05 63 00-0187	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	723.94	80.50
33 05 63 00-0188	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	859.89	80.50
33 05 63 00-0189	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	255.54	24.16
33 05 63 00-0190	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	440.58	24.16
33 05 63 00-0191	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	646.38	24.16
33 05 63 00-0192	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	673.45	24.16
33 05 63 00-0193	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	558.68	53.67
33 05 63 00-0194	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	637.47	53.67
33 05 63 00-0195	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	381.67	24.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0196	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	597.39	53.67
33 05 63 00-0197	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	695.54	53.67
33 05 63 00-0198	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	622.90	53.67
33 05 63 00-0199	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	786.16	80.50
33 05 63 00-0200	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	920.36	80.50
33 05 63 00-0201	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	964.98	80.50
33 05 63 00-0202	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,071.24	80.50
33 05 63 00-0203	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,168.99	80.50
33 05 63 00-0204	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,261.27	80.50
33 05 63 00-0205	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,426.51	80.50
33 05 63 00-0206	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,449.55	80.50
33 05 63 00-0207	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,775.23	107.33
33 05 63 00-0208	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,795.93	147.58
33 05 63 00-0209	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,276.82	147.58
33 05 63 00-0210	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,752.41	147.58
33 05 63 00-0211	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,068.29	147.58
33 05 63 00-0212	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,384.18	147.58
33 05 63 00-0213	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,529.38	249.57
33 05 63 00-0214	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,638.25	249.57
33 05 63 00-0215	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,986.30	249.57
33 05 63 00-0216	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,603.26	249.57
33 05 63 00-0217	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,875.40	249.57
33 05 63 00-0218	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,960.62	249.57
33 05 63 00-0219	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,787.33	249.57
33 05 63 00-0220	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,394.82	267.40
33 05 63 00-0221	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,556.51	267.40
33 05 63 00-0222	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,015.17	267.40
33 05 63 00-0223	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,362.31	267.40
33 05 63 00-0224	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,898.30	267.40
33 05 63 00-0225	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	6,139.81	267.40
33 05 63 00-0226	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,284.84	267.40
33 05 63 00-0227	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,841.88	267.40
33 05 63 00-0228	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	7,125.12	285.23
33 05 63 00-0229	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	8,521.26	285.23
33 05 63 00-0230	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	11,619.51	285.23

33 05 63 00-0231 Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

33 05 63 00-0232	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	955.40	80.50
33 05 63 00-0233	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,135.02	80.50
33 05 63 00-0234	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	412.80	24.16
33 05 63 00-0235	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	645.07	24.16
33 05 63 00-0236	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	822.49	24.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0237	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	849.91	24.16
33 05 63 00-0238	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	761.32	53.67
33 05 63 00-0239	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	839.63	53.67
33 05 63 00-0240	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	606.39	24.16
33 05 63 00-0241	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	799.12	53.67
33 05 63 00-0242	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	897.27	53.67
33 05 63 00-0243	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	769.86	53.67
33 05 63 00-0244	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,013.16	80.50
33 05 63 00-0245	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,147.35	80.50
33 05 63 00-0246	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,234.25	80.50
33 05 63 00-0247	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,340.54	80.50
33 05 63 00-0248	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,438.25	80.50
33 05 63 00-0249	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,530.57	80.50
33 05 63 00-0250	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,695.86	80.50
33 05 63 00-0251	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,718.81	80.50
33 05 63 00-0252	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,146.72	107.33
33 05 63 00-0253	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,218.79	147.58
33 05 63 00-0254	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,699.24	147.58
33 05 63 00-0255	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,174.30	147.58
33 05 63 00-0256	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,490.43	147.58
33 05 63 00-0257	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,806.55	147.58
33 05 63 00-0258	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,128.16	249.57
33 05 63 00-0259	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,476.69	249.57
33 05 63 00-0260	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,093.21	249.57

33 05 63 00-0261 Footed, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

33 05 63 00-0262	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	780.38	80.50
33 05 63 00-0263	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	528.02	53.67
33 05 63 00-0264	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	603.70	53.67
33 05 63 00-0265	EA	13" x 24", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	682.15	80.50
33 05 63 00-0266	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	552.81	53.67
33 05 63 00-0267	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	625.29	53.67

33 05 63 00-0268 Polymer Concrete Handhole Enclosure Extensions *(33 05 63 00-0069)*

Note: Excludes bases See CSI section 33 05 63 00-0070 for bases.

33 05 63 00-0269	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	541.25	80.50
33 05 63 00-0270	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	620.12	80.50
33 05 63 00-0271	EA	24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	691.83	107.33
33 05 63 00-0272	EA	24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	769.27	107.33
33 05 63 00-0273	EA	24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	884.12	147.58
33 05 63 00-0274	EA	36" x 36", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,590.33	249.57
33 05 63 00-0275	EA	30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,505.67	249.57
33 05 63 00-0276	EA	30" x 48", 11" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,524.15	249.57
33 05 63 00-0277	EA	36" x 60", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	2,143.32	267.40
33 05 63 00-0278	EA	48" x 72", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	3,577.47	285.23
33 05 63 00-0279	EA	48" x 96", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	4,807.24	285.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0280	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	955.08	80.50
33 05 63 00-0281	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	1,003.26	80.50
33 05 63 00-0282	EA	24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	1,044.84	107.33
33 05 63 00-0283	EA	24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	1,123.11	107.33
33 05 63 00-0284	EA	24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	1,271.30	147.58
33 05 63 00-0285	EA	30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	2,052.82	249.57
33 05 63 00-0286	EA	13" x 24", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	719.55	80.50
33 05 63 00-0287	EA	17" x 30", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	814.58	80.50
33 05 63 00-0288	EA	24" x 36", 4" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	1,020.47	147.58
33 05 63 00-0289	EA	36" x 60", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	2,052.67	267.40
33 05 63 00-0290		Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0069)*		
33 05 63 00-0291		Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0290)*		
33 05 63 00-0292	EA	5" x 16", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	216.83	10.74
33 05 63 00-0293	EA	10" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	219.87	10.74
33 05 63 00-0294	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	202.50	10.74
33 05 63 00-0295	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	220.47	10.74
33 05 63 00-0296	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	222.77	10.73
33 05 63 00-0297	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	258.14	10.73
33 05 63 00-0298	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	301.88	10.73
33 05 63 00-0299	EA	30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	2,044.46	32.09
33 05 63 00-0300	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,783.62	32.09
33 05 63 00-0301	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	2,692.15	32.09
33 05 63 00-0302	EA	48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	2,723.13	32.09
33 05 63 00-0303	EA	36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	3,090.74	32.09
33 05 63 00-0304	EA	48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	3,371.54	32.09
33 05 63 00-0305	EA	48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	5,444.71	32.09
33 05 63 00-0306	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	183.22	10.73
33 05 63 00-0307	EA	11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	270.03	10.73
33 05 63 00-0308	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	274.06	10.73
33 05 63 00-0309	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	349.30	10.73
33 05 63 00-0310	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	259.25	10.73
33 05 63 00-0311	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	416.40	10.73
33 05 63 00-0312	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	323.20	10.73
33 05 63 00-0313	EA	27" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	681.55	10.73
33 05 63 00-0314	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	586.35	16.10
33 05 63 00-0315	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	741.46	16.10
33 05 63 00-0316	EA	39" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	958.85	18.78
33 05 63 00-0317	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,350.64	24.96
33 05 63 00-0318	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,399.80	47.53
33 05 63 00-0319	EA	11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	353.81	10.73
33 05 63 00-0320	EA	13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	511.87	10.73
33 05 63 00-0321	EA	17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	584.84	10.73
33 05 63 00-0322	EA	27" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	983.98	10.73
33 05 63 00-0323	EA	24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	799.58	16.10
33 05 63 00-0324	EA	39" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,364.98	18.78
33 05 63 00-0325	EA	36" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,790.58	24.96
33 05 63 00-0326	EA	30" x 59", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,418.42	32.09
33 05 63 00-0327	EA	30" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,145.12	32.09
33 05 63 00-0328	EA	36" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	3,014.19	32.09
33 05 63 00-0329	EA	48" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	3,938.45	32.09
33 05 63 00-0330	EA	36" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	3,769.85	32.09
33 05 63 00-0331	EA	48" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	5,745.70	32.09
33 05 63 00-0332	EA	48" x 96", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	8,899.35	32.09
33 05 63 00-0333	EA	11" x 18", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	470.92	10.73
33 05 63 00-0334	EA	11" x 20", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	516.58	10.73
33 05 63 00-0335	EA	13" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	685.70	10.73
33 05 63 00-0336	EA	17" x 30", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	783.85	10.73
33 05 63 00-0337	EA	27" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,367.52	10.73
33 05 63 00-0338	EA	24" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	980.31	16.10
33 05 63 00-0339	EA	24" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,349.84	16.10
33 05 63 00-0340	EA	39" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,102.88	18.78
33 05 63 00-0341	EA	36" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,402.99	24.96
33 05 63 00-0342	EA	30" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,496.29	47.53
33 05 63 00-0343	EA	30" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,888.93	32.09
33 05 63 00-0344	EA	36" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	4,050.89	32.09
33 05 63 00-0345	EA	48" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	5,685.23	32.09
33 05 63 00-0346	EA	36" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	5,068.43	32.09
33 05 63 00-0347	EA	48" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	8,428.88	32.09
33 05 63 00-0348	EA	48" x 96", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	13,034.43	32.09

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0349		**Polymer Concrete Handhole Enclosure Covers With Gaskets** *(33 05 63 00-0290)*		
33 05 63 00-0350	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	251.60	10.74
33 05 63 00-0351	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	266.89	10.74
33 05 63 00-0352	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	271.87	10.73
33 05 63 00-0353	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	273.74	10.73
33 05 63 00-0354	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	318.57	10.73
33 05 63 00-0355	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	197.31	10.73
33 05 63 00-0356	EA	11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	284.48	10.73
33 05 63 00-0357	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	287.27	10.73
33 05 63 00-0358	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	364.19	10.73
33 05 63 00-0359	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	275.46	10.73
33 05 63 00-0360	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	340.32	10.73
33 05 63 00-0361	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	432.16	10.73
33 05 63 00-0362	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	596.93	16.10
33 05 63 00-0363	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	757.71	16.10
33 05 63 00-0364	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	1,416.48	47.53
33 05 63 00-0365	EA	6" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	161.47	10.74
33 05 63 00-0366	EA	8" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	262.10	10.74
33 05 63 00-0367	EA	8" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	293.47	10.74
33 05 63 00-0368	EA	12" x 12", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	279.54	10.74
33 05 63 00-0369	EA	10" x 15", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	227.28	10.73
33 05 63 00-0370	EA	11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	368.22	10.73
33 05 63 00-0371	EA	11" x 20", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	400.79	10.73
33 05 63 00-0372	EA	13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	527.20	10.73
33 05 63 00-0373	EA	17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	601.48	10.73
33 05 63 00-0374	EA	24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	814.46	16.10
33 05 63 00-0375	EA	24" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	1,023.34	16.10
33 05 63 00-0376	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	1,878.01	47.53
33 05 63 00-0377		**Polymer Concrete Handhole Enclosure Covers Without Bolts** *(33 05 63 00-0290)*		
33 05 63 00-0378	EA	6" x 9", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	126.87	10.74
33 05 63 00-0379	EA	7" x 13", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	153.93	10.74
33 05 63 00-0380	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	190.37	10.74
33 05 63 00-0381	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	206.58	10.74
33 05 63 00-0382	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	206.13	10.73
33 05 63 00-0383	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	247.64	10.73
33 05 63 00-0384	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	288.43	10.73
33 05 63 00-0385	EA	24" x 36", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	714.88	16.10
33 05 63 00-0386	EA	30" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,339.05	47.53
33 05 63 00-0387	EA	30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,021.67	32.09
33 05 63 00-0388	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,757.87	32.09
33 05 63 00-0389	EA	48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,649.80	32.09
33 05 63 00-0390	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,555.49	32.09
33 05 63 00-0391	EA	36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	3,066.15	32.09
33 05 63 00-0392	EA	48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	3,280.70	32.09
33 05 63 00-0393	EA	48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	5,270.12	32.09
33 05 63 00-0394	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	175.51	10.73
33 05 63 00-0395	EA	10" x 16", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	171.00	10.73
33 05 63 00-0396	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	260.29	10.73
33 05 63 00-0397	EA	11" x 21", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	287.63	10.73
33 05 63 00-0398	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	327.71	10.73
33 05 63 00-0399	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts	245.28	10.73
33 05 63 00-0400	EA	18" x 19", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	275.46	10.73
33 05 63 00-0401	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	397.48	10.73
33 05 63 00-0402	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	574.10	16.10
33 05 63 00-0403	EA	20" x 42", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	723.30	16.10
33 05 63 00-0404	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	714.44	16.10
33 05 63 00-0405	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,295.24	24.96
33 05 63 00-0406	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,339.05	28.52
33 05 63 00-0407		**Overlapping, Polymer Concrete Handhole Enclosure Covers** *(33 05 63 00-0290)*		
33 05 63 00-0408	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,106.65	32.09
33 05 63 00-0409	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	3,069.31	32.09
33 05 63 00-0410	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,765.41	47.53
33 05 63 00-0411	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,353.08	47.53
33 05 63 00-0412	EA	30" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,510.86	32.09
33 05 63 00-0413	EA	36" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	3,437.36	32.09
33 05 63 00-0414		**Split, Polymer Concrete Handhole Enclosure Covers** *(33 05 63 00-0290)*		
33 05 63 00-0415	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	814.74	16.10
33 05 63 00-0416	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,524.03	24.96
33 05 63 00-0417	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,590.31	47.53
33 05 63 00-0418	EA	6" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	119.32	10.74

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0419	EA	8" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	208.01	10.74
33 05 63 00-0420	EA	12" x 12", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	230.45	10.74
33 05 63 00-0421	EA	8" x 18", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	245.29	10.74
33 05 63 00-0422	EA	10" x 15", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	213.31	10.73
33 05 63 00-0423	EA	11" x 20", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	387.58	10.73
33 05 63 00-0424	EA	24" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,099.65	16.10
33 05 63 00-0425	EA	36" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	2,037.85	24.96
33 05 63 00-0426	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	2,132.47	47.53

33 05 63 00-0427 Precast Concrete Handholes With Steel Cover *(33 05 63 00-0068)*

Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).

33 05 63 00-0428	EA	12" x 12" x 12" Precast Concrete Handholes With Steel Cover	844.77	233.45
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*18.00*	
33 05 63 00-0429	EA	12" x 24" x 21" Precast Concrete Handholes With Steel Cover	1,421.06	350.17
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*104.37*	
33 05 63 00-0430	EA	18" x 30" x 18" Precast Concrete Handholes With Steel Cover	1,721.59	466.91
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*182.11*	
33 05 63 00-0431	EA	24" x 24" x 24" Precast Concrete Handholes With Steel Cover	1,788.83	466.91
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*229.67*	
33 05 63 00-0432	EA	24" x 24" x 30" Precast Concrete Handholes With Steel Cover	2,102.14	583.63
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*276.18*	
33 05 63 00-0433	EA	30" x 36" x 30" Precast Concrete Handholes With Steel Cover	2,213.91	583.63
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*304.61*	
33 05 63 00-0434	EA	36" x 36" x 48" Precast Concrete Handholes With Steel Cover	2,557.14	700.35
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*355.55*	
33 05 63 00-0435	EA	48" x 48" x 48" Precast Concrete Handholes With Steel Cover	2,935.81	817.08
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*499.85*	
33 05 63 00-0436	EA	48" x 72" x 36" Precast Concrete Handholes With Steel Cover	2,888.66	700.35
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*544.87*	
33 05 63 00-0437	EA	54" x 38" x 24" Precast Concrete Handholes With Steel Cover	2,917.18	700.35
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*374.67*	
33 05 63 00-0438	EA	6" Diameter Precast Concrete Handholes With Steel Cover	662.22	233.45
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0439	EA	9" Diameter Precast Concrete Handholes With Steel Cover	780.65	262.63
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0440	EA	12" Diameter Precast Concrete Handholes With Steel Cover	959.10	291.81
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	

33 05 81 Metallic Castings for Utility Structures *(33 05)*

33 05 81 00-0001 Manhole Accessories *(33 05 81)*

33 05 81 00-0002 Steps For Cast-In-Place Manholes *(33 05 81 00-0001)*

See CSI section 33 01 30 81-0037 for installation of steps in existing manholes.

33 05 81 00-0003	EA	Cast Iron Manhole Step For New Manholes	110.70
33 05 81 00-0004	EA	Galvanized Steel Manhole Step For New Manholes	63.42
33 05 81 00-0005	EA	Aluminum Manhole Step For New Manholes	91.49

33 05 81 00-0006 Manhole Covers And Frames *(33 05 81)*

Note: Includes moisture-tight masonry joints and waterproof grouting.

33 05 81 00-0007 Regular Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0008	EA	18" Square, Gray Iron, Manhole Cover With Frame	2,282.86	92.65
		For Ductile Iron Castings, Add	*1,401.94*	
33 05 81 00-0009	EA	18" Diameter, Gray Iron, Manhole Cover With Frame	1,252.23	92.65
		For Ductile Iron Castings, Add	*680.50*	
33 05 81 00-0010	EA	24" Diameter, Gray Iron, Manhole Cover With Frame	1,447.19	107.73
		For Ductile Iron Castings, Add	*786.79*	
33 05 81 00-0011	EA	24" Square, Gray Iron, Manhole Cover With Frame	2,312.05	119.58
		For Ductile Iron Castings, Add	*1,367.07*	
33 05 81 00-0012	EA	26" Diameter, Gray Iron, Manhole Cover With Frame	1,938.67	129.27
		For Ductile Iron Castings, Add	*1,084.52*	
33 05 81 00-0013	EA	30" Diameter, Gray Iron, Manhole Cover With Frame	2,023.11	134.66
		For Ductile Iron Castings, Add	*1,133.41*	

33 05 81 00-0014 Watertight Type Manhole Covers And Frames *(33 05 81 00-0006)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 81 00-0015	EA	20" Diameter, Gray Iron, Watertight Manhole Cover With Frame	2,516.02	76.48
		For Ductile Iron Castings, Add	*1,548.10*	
33 05 81 00-0016	EA	22" Diameter, Gray Iron, Watertight Manhole Cover With Frame	2,548.33	76.48
		For Ductile Iron Castings, Add	*1,553.17*	
33 05 81 00-0017	EA	24" Diameter, Gray Iron, Watertight Manhole Cover With Frame	2,592.54	89.41
		For Ductile Iron Castings, Add	*1,563.41*	
33 05 81 00-0018	EA	26" Diameter, Gray Iron, Watertight Manhole Cover With Frame	3,097.76	100.19
		For Ductile Iron Castings, Add	*1,895.88*	
33 05 81 00-0019	EA	30" Diameter, Gray Iron, Watertight Manhole Cover With Frame	3,601.28	102.34
		For Ductile Iron Castings, Add	*2,238.12*	
33 05 81 00-0020	EA	32" Diameter, Gray Iron, Watertight Manhole Cover With Frame	3,794.75	104.50
		For Ductile Iron Castings, Add	*2,369.85*	
33 05 81 00-0021	EA	36" Diameter, Gray Iron, Watertight Manhole Cover With Frame	3,967.92	107.73
		For Ductile Iron Castings, Add	*2,487.21*	

33 05 81 00-0022 Aluminum Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0023	EA	12" Square Aluminum Manhole Cover With Frame	1,158.70	29.28
33 05 81 00-0024	EA	18" Square Aluminum Manhole Cover With Frame	2,133.43	32.41
33 05 81 00-0025	EA	24" Square Aluminum Manhole Cover With Frame	3,066.58	37.64

33 05 81 00-0026 Removal And Reinstallation Of Manhole Cover And Frame *(33 05 81 00-0006)*

Note: Includes surrounding asphalt removal and repair. Excludes saw cutting.

33 05 81 00-0027	EA	Removal And Reinstallation Of Manhole Cover And Frame	431.92	

33 05 83 Non-Metallic Accessories for Utility Structures *(33 05)*

33 05 83 00-0001 Manhole Accessories *(33 05 83)*

33 05 83 00-0002 Steps For Cast-In-Place Manholes *(33 05 83 00-0001)*

See CSI section 33 01 30 81-0037 for installation of steps in existing manholes.

33 05 83 00-0003	EA	Polypropylene Manhole Step For New Manholes	47.97	

33 05 83 00-0004 Rainguard Inflow Protectors *(33 05 83)*

33 05 83 00-0005	EA	18" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	137.36	22.88
33 05 83 00-0006	EA	22" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	159.84	22.88
33 05 83 00-0007	EA	24" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	191.08	27.45
33 05 83 00-0008	EA	26" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	205.29	27.45
33 05 83 00-0009	EA	30" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	255.24	32.03
33 05 83 00-0010	EA	32" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	272.69	32.03

33 05 84 Accessories for Utility Structures *(33 05)*

See CSI section 22 13 19 26-0044 for oil interceptors, 22 13 23 00-0000 for sediment interceptors, 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 05 84 00-0001 Manhole Accessories *(33 05 84)*

33 05 84 00-0002 Precast Concrete Manhole Tops *(33 05 84 00-0001)*

33 05 84 00-0003 Precast Concrete Manhole Slab Tops *(33 05 84 00-0002)*

33 05 84 00-0004	EA	3' Diameter x 8" Thick Precast Manhole Top Slab	595.43	80.80
33 05 84 00-0005	EA	4' Diameter x 8" Thick Precast Manhole Top Slab	833.89	87.26
33 05 84 00-0006	EA	5' Diameter x 8" Thick Precast Manhole Top Slab	1,129.46	93.73
33 05 84 00-0007	EA	6' Diameter x 8" Thick Precast Manhole Top Slab	1,352.96	100.19

33 05 84 00-0008 Precast Concrete Manhole Cone Tops *(33 05 84 00-0002)*

33 05 84 00-0009	EA	3' Diameter x 8" Thick Precast Manhole Top Cone	948.45	101.00
33 05 84 00-0010	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Cone	1,055.35	105.03
33 05 84 00-0011	EA	4' Diameter x 8" Thick Precast Manhole Top Cone	1,162.27	109.07
33 05 84 00-0012	EA	5' Diameter x 8" Thick Precast Manhole Top Cone	1,370.67	115.81
33 05 84 00-0013	EA	6' Diameter x 8" Thick Precast Manhole Top Cone	1,584.49	123.89
33 05 84 00-0014	EA	7' Diameter x 8" Thick Precast Manhole Top Cone	2,513.82	131.96
33 05 84 00-0015	EA	8' Diameter x 10" Thick Precast Manhole Top Cone	3,158.09	145.44

33 05 84 00-0016 Precast Concrete Manhole Reducer Slabs *(33 05 84 00-0002)*

33 05 84 00-0017	EA	5' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	1,345.36	93.73
33 05 84 00-0018	EA	6' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	1,742.71	100.19
33 05 84 00-0019	EA	7' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	2,316.99	100.19
33 05 84 00-0020	EA	8' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	3,696.83	100.19
33 05 84 00-0021	EA	10' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	4,770.31	100.19
33 05 84 00-0022	EA	12' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab	6,931.99	100.19

33 05 84 00-0023 Pipe To Manhole Connector *(33 05 84 00-0001)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0024		Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connectors *(33 05 84 00-0023)*			
33 05 84 00-0025	EA	4" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector		111.54	
33 05 84 00-0026	EA	6" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector		177.07	
33 05 84 00-0027	EA	8" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector		198.99	
33 05 84 00-0028	EA	10" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector		321.00	
33 05 84 00-0029	EA	12" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector		456.82	
33 05 84 00-0030	EA	15" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector		597.00	
33 05 84 00-0031	EA	18" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector		1,122.29	
33 05 84 00-0032	EA	21" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector		1,569.89	
33 05 84 00-0033	EA	24" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector		2,532.15	
33 05 84 00-0034	EA	27" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector		2,964.51	
33 05 84 00-0035		Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout *(33 05 84 00-0023)* Note: Fernco CMA.			
33 05 84 00-0036	EA	4" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout		111.41	
33 05 84 00-0037	EA	6" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout		154.79	
33 05 84 00-0038	EA	8" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout		195.59	
33 05 84 00-0039	EA	10" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout		236.21	
33 05 84 00-0040	EA	12" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout		274.01	
33 05 84 00-0041		Brick And Grout Pipe To Manhole Connector *(33 05 84 00-0023)*			
33 05 84 00-0042	EA	Seal Gap Between Pipe And Structure With Brick And Grout		246.13	
33 05 84 00-0043		Inverts For Manholes *(33 05 84 00-0001)*			
33 05 84 00-0044	EA	Single Channel Concrete Invert For Manholes		395.12	
33 05 84 00-0045	EA	Double Channel Concrete Invert For Manholes		570.54	
33 05 84 00-0046	EA	Triple Channel Concrete Invert For Manholes		768.17	
33 05 84 00-0047	EA	Quad Channel Concrete Invert For Manholes		965.74	
33 05 84 00-0048	EA	Single Channel Brick Invert For Manholes		601.33	
33 05 84 00-0049	EA	Double Channel Brick Invert For Manholes		900.04	
33 05 84 00-0050	EA	Triple Channel Brick Invert For Manholes		1,203.81	
33 05 84 00-0051	EA	Quad Channel Brick Invert For Manholes		1,504.41	
33 05 84 00-0052		Protective Coating For New Manholes *(33 05 84 00-0001)*			
33 05 84 00-0053		Polyurethane Protective Coating For New Manholes *(33 05 84 00-0052)*			
33 05 84 00-0054	VLF	60 Mil Polyurethane Coating Of 3' Diameter Manhole Interior		201.63	
		For 80 Mil Material, Add	*30.30*		
		For 100 Mil Material, Add	*60.59*		
		For 125 Mil Material, Add	*95.79*		
		For 150 Mil Material, Add	*130.98*		
		For 200 Mil Material, Add	*194.22*		
		For 2 To 5 Manholes, Deduct	*-13.65*		
		For 6 To 10 Manholes, Deduct	*-22.27*		
		For >10 Manholes, Deduct	*-44.53*		
33 05 84 00-0055	VLF	60 Mil Polyurethane Coating Of 3-1/2' Diameter Manhole Interior		243.23	
		For 80 Mil Material, Add	*35.96*		
		For 100 Mil Material, Add	*71.92*		
		For 125 Mil Material, Add	*113.60*		
		For 150 Mil Material, Add	*155.28*		
		For 200 Mil Material, Add	*229.90*		
		For 2 To 5 Manholes, Deduct	*-16.53*		
		For 6 To 10 Manholes, Deduct	*-26.97*		
		For >10 Manholes, Deduct	*-53.95*		
33 05 84 00-0056	VLF	60 Mil Polyurethane Coating Of 4' Diameter Manhole Interior		268.83	
		For 80 Mil Material, Add	*40.39*		
		For 100 Mil Material, Add	*80.79*		
		For 125 Mil Material, Add	*127.71*		
		For 150 Mil Material, Add	*174.63*		
		For 200 Mil Material, Add	*258.95*		
		For 2 To 5 Manholes, Deduct	*-18.20*		
		For 6 To 10 Manholes, Deduct	*-29.69*		
		For >10 Manholes, Deduct	*-59.38*		
33 05 84 00-0057	VLF	60 Mil Polyurethane Coating Of 5' Diameter Manhole Interior		336.11	
		For 80 Mil Material, Add	*50.51*		
		For 100 Mil Material, Add	*101.03*		
		For 125 Mil Material, Add	*159.71*		
		For 150 Mil Material, Add	*218.39*		
		For 200 Mil Material, Add	*323.83*		
		For 2 To 5 Manholes, Deduct	*-22.76*		
		For 6 To 10 Manholes, Deduct	*-37.12*		
		For >10 Manholes, Deduct	*-74.23*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0058	VLF	60 Mil Polyurethane Coating Of 6' Diameter Manhole Interior	390.61	
		For 80 Mil Material, Add	*59.66*	
		For 100 Mil Material, Add	*119.32*	
		For 125 Mil Material, Add	*188.78*	
		For 150 Mil Material, Add	*258.23*	
		For 200 Mil Material, Add	*383.49*	
		For 2 To 5 Manholes, Deduct	*-26.36*	
		For 6 To 10 Manholes, Deduct	*-42.95*	
		For >10 Manholes, Deduct	*-85.90*	
33 05 84 00-0059		Polyvinyl Chloride (PVC) Liner *(33 05 84 00-0052)*		
		Note: For new manholes and shop applied.		
33 05 84 00-0060	VLF	3' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	276.18	
33 05 84 00-0061	VLF	3-1/2' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	338.54	
33 05 84 00-0062	VLF	4' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	413.14	
33 05 84 00-0063	VLF	5' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	518.83	
33 05 84 00-0064	VLF	6' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	624.51	
33 05 84 00-0065	SF	Polyvinyl Chloride (PVC) Liner At Structures	73.91	
33 05 84 00-0066		Concrete Grade Extensions/Grade Rings *(33 05 84 00-0001)*		
33 05 84 00-0067		18" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0056)*		
33 05 84 00-0068	EA	4" Rise, 18" Diameter, Concrete Grade Extensions/Grade Rings	97.10	
33 05 84 00-0069	EA	6" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	106.82	
33 05 84 00-0070	EA	8" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	116.54	
33 05 84 00-0071	EA	10" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	126.26	
33 05 84 00-0072		24" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0066)*		
33 05 84 00-0073	EA	4" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	109.12	
33 05 84 00-0074	EA	6" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	120.17	
33 05 84 00-0075	EA	8" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	131.22	
33 05 84 00-0076	EA	10" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	142.27	
33 05 84 00-0077		30" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0066)*		
33 05 84 00-0078	EA	4" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	120.85	
33 05 84 00-0079	EA	6" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	133.17	
33 05 84 00-0080	EA	8" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	145.49	
33 05 84 00-0081	EA	10" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	157.81	
33 05 84 00-0082		Bentonite Collar *(33 05 84 00-0001)*		
33 05 84 00-0083		Bentonite Collar At Manhole Connections *(33 05 84 00-0082)*		
33 05 84 00-0084	EA	Up To 12" Pipe, Bentonite Collar At Manhole Connection	140.40	
33 05 84 00-0085	EA	>12" To 21", Bentonite Collar At Manhole Connection	222.32	
33 05 84 00-0086	EA	>21" To 30" Pipe, Bentonite Collar At Manhole Connection	351.28	
33 05 84 00-0087	EA	>30" To 36" Pipe, Bentonite Collar At Manhole Connection	819.93	
33 05 84 00-0088	EA	>36" To 48" Pipe, Bentonite Collar At Manhole Connection	1,286.75	
33 05 84 00-0089	EA	>48" To 60" Pipe, Bentonite Collar At Manhole Connection	2,339.03	
33 05 84 00-0090		Waste Water Collection System Taps *(33 05 84)*		
		Note: For tapping existing structures only. Includes grout.		
33 05 84 00-0091		Brick Manhole Taps *(33 05 84 00-0090)*		
33 05 84 00-0092	EA	4" Tap In 6" Brick Manhole	554.90	
33 05 84 00-0093	EA	6" Tap In 6" Brick Manhole	619.92	
33 05 84 00-0094	EA	8" Tap In 6" Brick Manhole	683.77	
33 05 84 00-0095	EA	10" Tap In 6" Brick Manhole	747.50	
33 05 84 00-0096	EA	12" Tap In 6" Brick Manhole	824.78	
33 05 84 00-0097	EA	15" Tap In 6" Brick Manhole	888.38	
33 05 84 00-0098		Precast Concrete Manhole Tap *(33 05 84 00-0090)*		
33 05 84 00-0099	EA	4" Tap In Existing Precast Concrete Manhole	812.12	
33 05 84 00-0100	EA	6" Tap In Existing Precast Concrete Manhole	909.64	
33 05 84 00-0101	EA	8" Tap In Existing Precast Concrete Manhole	1,017.38	
33 05 84 00-0102	EA	10" Tap In Existing Precast Concrete Manhole	1,112.98	
33 05 84 00-0103	EA	12" Tap In Existing Precast Concrete Manhole	1,208.38	
33 05 84 00-0104	EA	15" Tap In Existing Precast Concrete Manhole	1,306.10	
33 05 84 00-0105	EA	18" Tap In Existing Precast Concrete Manhole	1,504.02	
33 05 84 00-0106	EA	24" Tap In Existing Precast Concrete Manhole	1,933.82	

33 05 97 Identification and Signage for Utilities *(33 05)*

33 05 97 16 Markers for Utility Identification *(33 05 97)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 97 16-0001		Reflective Sheeting Delineators *(33 05 97 16)*			
33 05 97 16-0002	EA	Delineator, Single Unit One Way On Post, 3" Diameter or 3" x 3" Square		47.83	
33 05 97 16-0003	EA	Delineator, Single Unit Back To Back On Post, 3" Diameter or 3" x 3" Square		50.93	
33 05 97 16-0004	EA	Delineator, Single Unit Two Way On Post, 3" Diameter or 3" x 3" Square		57.13	
33 05 97 16-0005	EA	Delineator, Single Unit Three Way On Post, 3" Diameter or 3" x 3" Square		60.23	
33 05 97 16-0006	EA	Delineator, Single Unit Four Way On Post, 3" Diameter or 3" x 3" Square		63.32	
33 05 97 16-0007	EA	Delineator, Double Unit On Post, 3" Diameter or 3" x 3" Square		54.80	
33 05 97 16-0008	EA	Delineator, Single Unit Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square		48.60	
33 05 97 16-0009	EA	Delineator, Double Unit Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square		51.70	
33 05 97 16-0010	EA	Delineator, Single Unit, Back To Back, Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square		51.70	
33 05 97 16-0011	EA	Delineator, Single Unit, Two Way, Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square		54.80	
33 05 97 16-0012	EA	Delineator, Single Unit, Three Way, Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square		57.90	
33 05 97 16-0013	EA	Delineator, Single Unit, Four Way, Band Or Bracket Mounted, 3" Diameter or 3" x 3" Square		61.00	
33 05 97 16-0014	EA	Delineator, White, Single Unit, One Way On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square		88.89	
33 05 97 16-0015	EA	Delineator, Single Unit Three Way On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square		60.23	
33 05 97 16-0016	EA	Delineator, White, Double Unit On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square		92.77	
33 05 97 16-0017	EA	Delineator, Yellow, Single Unit, One Way On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square		88.89	
33 05 97 16-0018	EA	Delineator, Yellow, Single Unit, Back To Back On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square		91.99	
33 05 97 16-0019	EA	Delineator, Yellow, Double Unit, On 48" Ground Mounted (Driven) Flexible Post Or 30" Surface Mounted, 3" Diameter or 3" x 3" Square		92.77	
33 05 97 16-0020	EA	Relocate Delineator		61.38	
33 05 97 16-0021		Reference Markers *(33 05 97 16)*			
33 05 97 16-0022	EA	Reference Marker, 4' Mounting Height		95.30	
33 05 97 16-0023	EA	Reference Marker, 7' Mounting Height		118.69	
33 05 97 16-0024	EA	Reference Marker, Band Or Bracket Mounted		111.87	
33 05 97 16-0025	EA	Reference Marker, Furnish Panel Only		100.36	
33 05 97 16-0026	EA	Relocate Reference Marker		61.38	
33 05 97 16-0027		Object Markers *(33 05 97 16)*			
33 05 97 16-0028	EA	Object Marker, Type L-1		92.47	
33 05 97 16-0029	EA	Object Marker, Type L-2		85.27	
33 05 97 16-0030	EA	Object Marker, Type K-1		98.22	
33 05 97 16-0031	EA	Object Marker, Type K-2		91.03	
33 05 97 16-0032	EA	Object Marker, Type Q		62.25	
33 05 97 23		**Utility Identification Warning Tape** *(33 05 97)*			
33 05 97 23-0001		Non-Detectable Utility Warning Tape *(33 05 97 23)* Note: Labor installation is included with pipe and excavation..			
33 05 97 23-0002	CLF	3" Non-Detectable Utility Warning Tape		7.94	
33 05 97 23-0003	CLF	6" Non-Detectable Utility Warning Tape		11.15	
33 05 97 23-0004		Detectable Utility Warning Tape *(33 05 97 23)* Note: Labor installation is included with pipe and excavation..			
33 05 97 23-0005	CLF	2" Detectable Utility Warning Tape		8.05	
33 05 97 23-0006	CLF	3" Detectable Utility Warning Tape		10.97	
33 05 97 23-0007	CLF	6" Detectable Utility Warning Tape		17.52	

33 10 Water Utilities *(33)*

33 11 Groundwater Sources *(33 10)*

33 11 13 Potable Water Supply Wells *(33 11)*

33 11 13 00-0001		Drill And Test Water Well *(33 11 13)*			
33 11 13 00-0002		Drill Hole *(33 11 13 00-0001)* Note: Excludes loading and hauling of spoils.			
33 11 13 00-0003		Mobilization And Demobilization *(33 11 13 00-0002)*			
33 11 13 00-0004	EA	Up To 12" Diameter, Well Drilling Mobilization And Demobilization		1,026.53	
33 11 13 00-0005	EA	>12" To 24" Diameter, Well Drilling Mobilization And Demobilization		1,261.11	
33 11 13 00-0006	EA	>24" To 36" Diameter, Well Drilling Mobilization And Demobilization		1,891.67	
33 11 13 00-0007		Drill Hole In Normal Soil, Sand, Gravel, O.B. *(33 11 13 00-0002)* Note: Excludes well casing, gravel or materials.			

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0008	LF	Up To 6" Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	24.43	
		For >100 To 250, Add	*0.61*	
		For >250 To 400, Add	*1.22*	
		For >400 To 600, Add	*1.83*	
		For >600 To 750, Add	*2.44*	
		For >750, Add	*3.05*	
33 11 13 00-0009	LF	8" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	29.01	
		For >100 To 250, Add	*0.73*	
		For >250 To 400, Add	*1.45*	
		For >400 To 600, Add	*2.18*	
		For >600 To 750, Add	*2.90*	
		For >750, Add	*3.63*	
33 11 13 00-0010	LF	10" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	38.78	
		For >100 To 250, Add	*0.97*	
		For >250 To 400, Add	*1.94*	
		For >400 To 600, Add	*2.91*	
		For >600 To 750, Add	*3.88*	
		For >750, Add	*4.85*	
33 11 13 00-0011	LF	12" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	60.69	
		For >100 To 250, Add	*1.52*	
		For >250 To 400, Add	*3.03*	
		For >400 To 600, Add	*4.55*	
		For >600 To 750, Add	*6.07*	
		For >750, Add	*7.59*	
33 11 13 00-0012	LF	14" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	87.34	
		For >100 To 250, Add	*2.18*	
		For >250 To 400, Add	*4.37*	
		For >400 To 600, Add	*6.55*	
		For >600 To 750, Add	*8.73*	
		For >750, Add	*10.92*	
33 11 13 00-0013	LF	16" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	114.13	
		For >100 To 250, Add	*2.85*	
		For >250 To 400, Add	*5.71*	
		For >400 To 600, Add	*8.56*	
		For >600 To 750, Add	*11.41*	
		For >750, Add	*14.27*	
33 11 13 00-0014	LF	18" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	135.57	
		For >100 To 250, Add	*3.39*	
		For >250 To 400, Add	*6.78*	
		For >400 To 600, Add	*10.17*	
		For >600 To 750, Add	*13.56*	
		For >750, Add	*16.95*	
33 11 13 00-0015	LF	20" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	157.63	
		For >100 To 250, Add	*3.94*	
		For >250 To 400, Add	*7.88*	
		For >400 To 600, Add	*11.82*	
		For >600 To 750, Add	*15.76*	
		For >750, Add	*19.70*	
33 11 13 00-0016	LF	22" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	185.22	
		For >100 To 250, Add	*4.63*	
		For >250 To 400, Add	*9.26*	
		For >400 To 600, Add	*13.89*	
		For >600 To 750, Add	*18.52*	
		For >750, Add	*23.15*	
33 11 13 00-0017	LF	24" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	218.33	
		For >100 To 250, Add	*5.46*	
		For >250 To 400, Add	*10.92*	
		For >400 To 600, Add	*16.37*	
		For >600 To 750, Add	*21.83*	
		For >750, Add	*27.29*	
33 11 13 00-0018	LF	26" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	235.99	
		For >100 To 250, Add	*5.90*	
		For >250 To 400, Add	*11.80*	
		For >400 To 600, Add	*17.70*	
		For >600 To 750, Add	*23.60*	
		For >750, Add	*29.50*	
33 11 13 00-0019	LF	28" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	259.63	
		For >100 To 250, Add	*6.49*	
		For >250 To 400, Add	*12.98*	
		For >400 To 600, Add	*19.47*	
		For >600 To 750, Add	*25.96*	
		For >750, Add	*32.45*	
33 11 13 00-0020	LF	30" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	284.38	
		For >100 To 250, Add	*7.11*	
		For >250 To 400, Add	*14.22*	
		For >400 To 600, Add	*21.33*	
		For >600 To 750, Add	*28.44*	
		For >750, Add	*35.55*	
33 11 13 00-0021	LF	36" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	353.74	
		For >100 To 250, Add	*8.84*	
		For >250 To 400, Add	*17.69*	
		For >400 To 600, Add	*26.53*	
		For >600 To 750, Add	*35.37*	
		For >750, Add	*44.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0022		Drill Hole In Sedimentary Rock *(33 11 13 00-0002)*		
33 11 13 00-0023	LF	6" Water Well Hole Drilled In Sedimentary Rock	49.82	
		For >100 To 250, Add	*1.25*	
		For >250 To 400, Add	*2.49*	
		For >400 To 600, Add	*3.74*	
		For >600 To 750, Add	*4.98*	
		For >750, Add	*6.23*	
33 11 13 00-0024	LF	8" Water Well Hole Drilled In Sedimentary Rock	58.01	
		For >100 To 250, Add	*1.45*	
		For >250 To 400, Add	*2.90*	
		For >400 To 600, Add	*4.35*	
		For >600 To 750, Add	*5.80*	
		For >750, Add	*7.25*	
33 11 13 00-0025	LF	10" Water Well Hole Drilled In Sedimentary Rock	92.88	
		For >100 To 250, Add	*2.32*	
		For >250 To 400, Add	*4.64*	
		For >400 To 600, Add	*6.97*	
		For >600 To 750, Add	*9.29*	
		For >750, Add	*11.61*	
33 11 13 00-0026	LF	12" Water Well Hole Drilled In Sedimentary Rock	121.45	
		For >100 To 250, Add	*3.04*	
		For >250 To 400, Add	*6.07*	
		For >400 To 600, Add	*9.11*	
		For >600 To 750, Add	*12.15*	
		For >750, Add	*15.18*	
33 11 13 00-0027	LF	14" Water Well Hole Drilled In Sedimentary Rock	174.79	
		For >100 To 250, Add	*4.37*	
		For >250 To 400, Add	*8.74*	
		For >400 To 600, Add	*13.11*	
		For >600 To 750, Add	*17.48*	
		For >750, Add	*21.85*	
33 11 13 00-0028	LF	16" Water Well Hole Drilled In Sedimentary Rock	228.14	
		For >100 To 250, Add	*5.70*	
		For >250 To 400, Add	*11.41*	
		For >400 To 600, Add	*17.11*	
		For >600 To 750, Add	*22.81*	
		For >750, Add	*28.52*	
33 11 13 00-0029	LF	18" Water Well Hole Drilled In Sedimentary Rock	271.27	
		For >100 To 250, Add	*6.78*	
		For >250 To 400, Add	*13.56*	
		For >400 To 600, Add	*20.35*	
		For >600 To 750, Add	*27.13*	
		For >750, Add	*33.91*	
33 11 13 00-0030	LF	20" Water Well Hole Drilled In Sedimentary Rock	314.78	
		For >100 To 250, Add	*7.87*	
		For >250 To 400, Add	*15.74*	
		For >400 To 600, Add	*23.61*	
		For >600 To 750, Add	*31.48*	
		For >750, Add	*39.35*	
33 11 13 00-0031	LF	22" Water Well Hole Drilled In Sedimentary Rock	370.77	
		For >100 To 250, Add	*9.27*	
		For >250 To 400, Add	*18.54*	
		For >400 To 600, Add	*27.81*	
		For >600 To 750, Add	*37.08*	
		For >750, Add	*46.35*	
33 11 13 00-0032	LF	24" Water Well Hole Drilled In Sedimentary Rock	428.28	
		For >100 To 250, Add	*10.71*	
		For >250 To 400, Add	*21.41*	
		For >400 To 600, Add	*32.12*	
		For >600 To 750, Add	*42.83*	
		For >750, Add	*53.54*	
33 11 13 00-0033	LF	26" Water Well Hole Drilled In Sedimentary Rock	471.98	
		For >100 To 250, Add	*11.80*	
		For >250 To 400, Add	*23.60*	
		For >400 To 600, Add	*35.40*	
		For >600 To 750, Add	*47.20*	
		For >750, Add	*59.00*	
33 11 13 00-0034	LF	28" Water Well Hole Drilled In Sedimentary Rock	519.27	
		For >100 To 250, Add	*12.98*	
		For >250 To 400, Add	*25.96*	
		For >400 To 600, Add	*38.95*	
		For >600 To 750, Add	*51.93*	
		For >750, Add	*64.91*	
33 11 13 00-0035	LF	30" Water Well Hole Drilled In Sedimentary Rock	568.77	
		For >100 To 250, Add	*14.22*	
		For >250 To 400, Add	*28.44*	
		For >400 To 600, Add	*42.66*	
		For >600 To 750, Add	*56.88*	
		For >750, Add	*71.10*	
33 11 13 00-0036	LF	36" Water Well Hole Drilled In Sedimentary Rock	707.49	
		For >100 To 250, Add	*17.69*	
		For >250 To 400, Add	*35.37*	
		For >400 To 600, Add	*53.06*	
		For >600 To 750, Add	*70.75*	
		For >750, Add	*88.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0037		**Drill Hole In Crystalline Rock** *(33 11 13 00-0002)*		
33 11 13 00-0038	LF	6" Water Well Hole Drilled In Crystalline Rock	102.47	
		For >100 To 250, Add	*2.56*	
		For >250 To 400, Add	*5.12*	
		For >400 To 600, Add	*7.69*	
		For >600 To 750, Add	*10.25*	
		For >750, Add	*12.81*	
33 11 13 00-0039	LF	8" Water Well Hole Drilled In Crystalline Rock	118.23	
		For >100 To 250, Add	*2.96*	
		For >250 To 400, Add	*5.91*	
		For >400 To 600, Add	*8.87*	
		For >600 To 750, Add	*11.82*	
		For >750, Add	*14.78*	
33 11 13 00-0040	LF	10" Water Well Hole Drilled In Crystalline Rock	135.57	
		For >100 To 250, Add	*3.39*	
		For >250 To 400, Add	*6.78*	
		For >400 To 600, Add	*10.17*	
		For >600 To 750, Add	*13.56*	
		For >750, Add	*16.95*	
33 11 13 00-0041	LF	12" Water Well Hole Drilled In Crystalline Rock	171.83	
		For >100 To 250, Add	*4.30*	
		For >250 To 400, Add	*8.59*	
		For >400 To 600, Add	*12.89*	
		For >600 To 750, Add	*17.18*	
		For >750, Add	*21.48*	
33 11 13 00-0042	LF	14" Water Well Hole Drilled In Crystalline Rock	222.27	
		For >100 To 250, Add	*5.56*	
		For >250 To 400, Add	*11.11*	
		For >400 To 600, Add	*16.67*	
		For >600 To 750, Add	*22.23*	
		For >750, Add	*27.78*	
33 11 13 00-0043	LF	16" Water Well Hole Drilled In Crystalline Rock	323.17	
		For >100 To 250, Add	*8.08*	
		For >250 To 400, Add	*16.16*	
		For >400 To 600, Add	*24.24*	
		For >600 To 750, Add	*32.32*	
		For >750, Add	*40.40*	
33 11 13 00-0044	LF	18" Water Well Hole Drilled In Crystalline Rock	384.64	
		For >100 To 250, Add	*9.62*	
		For >250 To 400, Add	*19.23*	
		For >400 To 600, Add	*28.85*	
		For >600 To 750, Add	*38.46*	
		For >750, Add	*48.08*	
33 11 13 00-0045	LF	20" Water Well Hole Drilled In Crystalline Rock	446.12	
		For >100 To 250, Add	*11.15*	
		For >250 To 400, Add	*22.31*	
		For >400 To 600, Add	*33.46*	
		For >600 To 750, Add	*44.61*	
		For >750, Add	*55.77*	
33 11 13 00-0046	LF	22" Water Well Hole Drilled In Crystalline Rock	524.94	
		For >100 To 250, Add	*13.12*	
		For >250 To 400, Add	*26.25*	
		For >400 To 600, Add	*39.37*	
		For >600 To 750, Add	*52.49*	
		For >750, Add	*65.62*	
33 11 13 00-0047	LF	24" Water Well Hole Drilled In Crystalline Rock	606.91	
		For >100 To 250, Add	*15.17*	
		For >250 To 400, Add	*30.35*	
		For >400 To 600, Add	*45.52*	
		For >600 To 750, Add	*60.69*	
		For >750, Add	*75.86*	
33 11 13 00-0048		**Furnish And Install Casing** *(33 11 13 00-0001)*		
		Note: Excludes drilling of hole.		
33 11 13 00-0049		**Steel Well Casing** *(33 11 13 00-0048)*		
33 11 13 00-0050	LF	6" Diameter, Steel Well Casing, Flush	47.07	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 400, Deduct	*-2.58*	
		For >400 To 600, Deduct	*-3.87*	
		For >600 To 750, Deduct	*-5.15*	
		For >750, Deduct	*-6.73*	
33 11 13 00-0051	LF	8" Diameter, Steel Well Casing, Flush	58.51	
		For >100 To 250, Deduct	*-1.74*	
		For >250 To 400, Deduct	*-3.21*	
		For >400 To 600, Deduct	*-4.81*	
		For >600 To 750, Deduct	*-6.41*	
		For >750, Deduct	*-8.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0052	LF	10" Diameter, Steel Well Casing, Flush	86.89	
		For >100 To 250, Deduct	*-2.51*	
		For >250 To 400, Deduct	*-4.68*	
		For >400 To 600, Deduct	*-7.02*	
		For >600 To 750, Deduct	*-9.36*	
		For >750, Deduct	*-12.14*	
33 11 13 00-0053	LF	12" Diameter, Steel Well Casing, Flush	146.27	
		For >100 To 250, Deduct	*-4.06*	
		For >250 To 400, Deduct	*-7.72*	
		For >400 To 600, Deduct	*-11.57*	
		For >600 To 750, Deduct	*-15.43*	
		For >750, Deduct	*-19.81*	
33 11 13 00-0054	LF	14" Diameter, Steel Well Casing, Flush	163.72	
		For >100 To 250, Deduct	*-4.65*	
		For >250 To 400, Deduct	*-8.75*	
		For >400 To 600, Deduct	*-13.12*	
		For >600 To 750, Deduct	*-17.49*	
		For >750, Deduct	*-22.59*	
33 11 13 00-0055	LF	16" Diameter, Steel Well Casing, Flush	192.09	
		For >100 To 250, Deduct	*-5.50*	
		For >250 To 400, Deduct	*-10.30*	
		For >400 To 600, Deduct	*-15.45*	
		For >600 To 750, Deduct	*-20.60*	
		For >750, Deduct	*-26.64*	
33 11 13 00-0056	LF	18" Diameter, Steel Well Casing, Flush	218.93	
		For >100 To 250, Deduct	*-6.35*	
		For >250 To 400, Deduct	*-11.82*	
		For >400 To 600, Deduct	*-17.73*	
		For >600 To 750, Deduct	*-23.64*	
		For >750, Deduct	*-30.68*	
33 11 13 00-0057	LF	20" Diameter, Steel Well Casing, Flush	249.35	
		For >100 To 250, Deduct	*-7.31*	
		For >250 To 400, Deduct	*-13.54*	
		For >400 To 600, Deduct	*-20.31*	
		For >600 To 750, Deduct	*-27.08*	
		For >750, Deduct	*-35.25*	
33 11 13 00-0058	LF	24" Diameter, Steel Well Casing, Flush	291.58	
		For >100 To 250, Deduct	*-8.50*	
		For >250 To 400, Deduct	*-15.79*	
		For >400 To 600, Deduct	*-23.68*	
		For >600 To 750, Deduct	*-31.57*	
		For >750, Deduct	*-41.04*	
33 11 13 00-0059	LB	Steel Well Casing, Furnish And Install	1.51	
		For >100 To 250, Deduct	*-0.05*	
		For >250 To 400, Deduct	*-0.09*	
		For >400 To 600, Deduct	*-0.14*	
		For >600 To 750, Deduct	*-0.18*	
		For >750, Deduct	*-0.25*	

33 11 13 00-0060 Stainless Steel Well Casing, Flush Threaded *(33 11 13 00-0048)*

33 11 13 00-0061	LF	6" Diameter, Stainless Steel Well Casing, Flush	103.24	
		For >100 To 250, Deduct	*-2.80*	
		For >250 To 400, Deduct	*-5.39*	
		For >400 To 600, Deduct	*-8.08*	
		For >600 To 750, Deduct	*-10.77*	
		For >750, Deduct	*-13.75*	
33 11 13 00-0062	LF	8" Diameter, Stainless Steel Well Casing, Flush	155.55	
		For >100 To 250, Deduct	*-4.17*	
		For >250 To 400, Deduct	*-8.06*	
		For >400 To 600, Deduct	*-12.09*	
		For >600 To 750, Deduct	*-16.11*	
		For >750, Deduct	*-20.51*	
33 11 13 00-0063	LF	10" Diameter, Stainless Steel Well Casing, Flush	217.63	
		For >100 To 250, Deduct	*-5.80*	
		For >250 To 400, Deduct	*-11.24*	
		For >400 To 600, Deduct	*-16.86*	
		For >600 To 750, Deduct	*-22.48*	
		For >750, Deduct	*-28.56*	
33 11 13 00-0064	LF	12" Diameter, Stainless Steel Well Casing, Flush	253.01	
		For >100 To 250, Deduct	*-6.75*	
		For >250 To 400, Deduct	*-13.08*	
		For >400 To 600, Deduct	*-19.61*	
		For >600 To 750, Deduct	*-26.15*	
		For >750, Deduct	*-33.24*	

33 11 13 00-0065 Stainless Steel Well Casing, Welded Ring *(33 11 13 00-0048)*

33 11 13 00-0066	LF	10" Diameter, Stainless Steel Well Casing, Welded	228.36	
		For >100 To 250, Deduct	*-6.34*	
		For >250 To 400, Deduct	*-12.04*	
		For >400 To 600, Deduct	*-18.07*	
		For >600 To 750, Deduct	*-24.09*	
		For >750, Deduct	*-30.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0067	LF	12" Diameter, Stainless Steel Well Casing, Welded	264.65	
		For >100 To 250, Deduct	*-7.33*	
		For >250 To 400, Deduct	*-13.95*	
		For >400 To 600, Deduct	*-20.92*	
		For >600 To 750, Deduct	*-27.90*	
		For >750, Deduct	*-35.80*	
33 11 13 00-0068	LF	14" Diameter, Stainless Steel Well Casing, Welded	318.54	
		For >100 To 250, Deduct	*-8.77*	
		For >250 To 400, Deduct	*-16.73*	
		For >400 To 600, Deduct	*-25.10*	
		For >600 To 750, Deduct	*-33.46*	
		For >750, Deduct	*-42.88*	
33 11 13 00-0069	LF	16" Diameter, Stainless Steel Well Casing, Welded	364.79	
		For >100 To 250, Deduct	*-10.04*	
		For >250 To 400, Deduct	*-19.16*	
		For >400 To 600, Deduct	*-28.73*	
		For >600 To 750, Deduct	*-38.31*	
		For >750, Deduct	*-49.08*	
33 11 13 00-0070	LF	18" Diameter, Stainless Steel Well Casing, Welded	402.45	
		For >100 To 250, Deduct	*-11.11*	
		For >250 To 400, Deduct	*-21.17*	
		For >400 To 600, Deduct	*-31.76*	
		For >600 To 750, Deduct	*-42.35*	
		For >750, Deduct	*-54.30*	
33 11 13 00-0071	LF	20" Diameter, Stainless Steel Well Casing, Welded	528.51	
		For >100 To 250, Deduct	*-14.47*	
		For >250 To 400, Deduct	*-27.68*	
		For >400 To 600, Deduct	*-41.52*	
		For >600 To 750, Deduct	*-55.36*	
		For >750, Deduct	*-70.82*	
33 11 13 00-0072	LF	24" Diameter, Stainless Steel Well Casing, Welded	697.12	
		For >100 To 250, Deduct	*-18.99*	
		For >250 To 400, Deduct	*-36.42*	
		For >400 To 600, Deduct	*-54.63*	
		For >600 To 750, Deduct	*-72.84*	
		For >750, Deduct	*-93.09*	

33 11 13 00-0073 Polyvinyl Chloride (PVC) Well Casing, Schedule 80 *(33 11 13 00-0048)*

33 11 13 00-0074	LF	6" Polyvinyl Chloride (PVC) Well Casing	73.76	
		For >100 To 250, Deduct	*-2.02*	
		For >250 To 400, Deduct	*-3.87*	
		For >400 To 600, Deduct	*-5.80*	
		For >600 To 750, Deduct	*-7.73*	
		For >750, Deduct	*-9.90*	
33 11 13 00-0075	LF	8" Polyvinyl Chloride (PVC) Well Casing	117.25	
		For >100 To 250, Deduct	*-3.21*	
		For >250 To 400, Deduct	*-6.14*	
		For >400 To 600, Deduct	*-9.21*	
		For >600 To 750, Deduct	*-12.28*	
		For >750, Deduct	*-15.72*	
33 11 13 00-0076	LF	10" Polyvinyl Chloride (PVC) Well Casing	177.15	
		For >100 To 250, Deduct	*-4.85*	
		For >250 To 400, Deduct	*-9.28*	
		For >400 To 600, Deduct	*-13.92*	
		For >600 To 750, Deduct	*-18.56*	
		For >750, Deduct	*-23.76*	
33 11 13 00-0077	LF	12" Polyvinyl Chloride (PVC) Well Casing	208.67	
		For >100 To 250, Deduct	*-5.73*	
		For >250 To 400, Deduct	*-10.95*	
		For >400 To 600, Deduct	*-16.42*	
		For >600 To 750, Deduct	*-21.90*	
		For >750, Deduct	*-28.04*	

33 11 13 00-0078 Furnish And Install Well Screen Assembly *(33 11 13 00-0001)*

33 11 13 00-0079 Stainless Steel Well Screen *(33 11 13 00-0078)*

33 11 13 00-0080	LF	2" Stainless Steel Well Screen	30.52	1.79
		For >100 To 250, Deduct	*-0.99*	
		For >250 To 400, Deduct	*-1.76*	
		For >400 To 600, Deduct	*-2.63*	
		For >600 To 750, Deduct	*-3.51*	
		For >750, Deduct	*-4.69*	
33 11 13 00-0081	LF	3" Stainless Steel Well Screen	49.62	1.79
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 400, Deduct	*-2.73*	
		For >400 To 600, Deduct	*-4.09*	
		For >600 To 750, Deduct	*-5.46*	
		For >750, Deduct	*-7.14*	
33 11 13 00-0082	LF	4" Stainless Steel Well Screen	62.33	2.68
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 400, Deduct	*-3.43*	
		For >400 To 600, Deduct	*-5.14*	
		For >600 To 750, Deduct	*-6.86*	
		For >750, Deduct	*-8.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0083	LF	5" Stainless Steel Well Screen	79.03	2.68
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 400, Deduct	*-4.32*	
		For >400 To 600, Deduct	*-6.49*	
		For >600 To 750, Deduct	*-8.65*	
		For >750, Deduct	*-11.30*	
33 11 13 00-0084	LF	6" Stainless Steel Well Screen	94.26	3.57
		For >100 To 250, Deduct	*-2.85*	
		For >250 To 400, Deduct	*-5.21*	
		For >400 To 600, Deduct	*-7.81*	
		For >600 To 750, Deduct	*-10.42*	
		For >750, Deduct	*-13.67*	
33 11 13 00-0085	LF	8" Stainless Steel Well Screen	123.17	4.48
		For >100 To 250, Deduct	*-3.71*	
		For >250 To 400, Deduct	*-6.79*	
		For >400 To 600, Deduct	*-10.19*	
		For >600 To 750, Deduct	*-13.59*	
		For >750, Deduct	*-17.81*	
33 11 13 00-0086	LF	10" Stainless Steel Well Screen	155.77	7.16
		For >100 To 250, Deduct	*-4.75*	
		For >250 To 400, Deduct	*-8.65*	
		For >400 To 600, Deduct	*-12.97*	
		For >600 To 750, Deduct	*-17.29*	
		For >750, Deduct	*-22.73*	
33 11 13 00-0087	LF	12" Stainless Steel Well Screen	182.80	8.94
		For >100 To 250, Deduct	*-5.57*	
		For >250 To 400, Deduct	*-10.14*	
		For >400 To 600, Deduct	*-15.21*	
		For >600 To 750, Deduct	*-20.28*	
		For >750, Deduct	*-26.66*	
33 11 13 00-0088	LF	14" Stainless Steel Well Screen	200.12	9.84
		For >100 To 250, Deduct	*-6.16*	
		For >250 To 400, Deduct	*-11.16*	
		For >400 To 600, Deduct	*-16.74*	
		For >600 To 750, Deduct	*-22.32*	
		For >750, Deduct	*-29.40*	
33 11 13 00-0089	LF	16" Stainless Steel Well Screen	216.13	11.62
		For >100 To 250, Deduct	*-6.70*	
		For >250 To 400, Deduct	*-12.10*	
		For >400 To 600, Deduct	*-18.15*	
		For >600 To 750, Deduct	*-24.21*	
		For >750, Deduct	*-31.94*	
33 11 13 00-0090	LF	18" Stainless Steel Well Screen	258.98	13.42
		For >100 To 250, Deduct	*-8.07*	
		For >250 To 400, Deduct	*-14.55*	
		For >400 To 600, Deduct	*-21.82*	
		For >600 To 750, Deduct	*-29.09*	
		For >750, Deduct	*-38.44*	
33 11 13 00-0091	LF	20" Stainless Steel Well Screen	326.72	16.99
		For >100 To 250, Deduct	*-10.17*	
		For >250 To 400, Deduct	*-18.34*	
		For >400 To 600, Deduct	*-27.51*	
		For >600 To 750, Deduct	*-36.69*	
		For >750, Deduct	*-48.47*	
33 11 13 00-0092	LF	24" Stainless Steel Well Screen	423.55	22.36
		For >100 To 250, Deduct	*-13.22*	
		For >250 To 400, Deduct	*-23.81*	
		For >400 To 600, Deduct	*-35.71*	
		For >600 To 750, Deduct	*-47.62*	
		For >750, Deduct	*-62.94*	
33 11 13 00-0093	LF	26" Stainless Steel Well Screen	488.93	25.94
		For >100 To 250, Deduct	*-15.20*	
		For >250 To 400, Deduct	*-27.43*	
		For >400 To 600, Deduct	*-41.14*	
		For >600 To 750, Deduct	*-54.86*	
		For >750, Deduct	*-72.45*	

33 11 13 00-0094 Slotted Polyvinyl Chloride (PVC) Well Screen, Schedule 40 *(33 11 13 00-0078)*

33 11 13 00-0095	LF	1-1/4" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	19.82	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 400, Deduct	*-1.16*	
		For >400 To 600, Deduct	*-1.73*	
		For >600 To 750, Deduct	*-2.31*	
		For >750, Deduct	*-3.10*	
		For Schedule 80, Add	*5.30*	
33 11 13 00-0096	LF	1-1/2" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	22.92	
		For >100 To 250, Deduct	*-0.75*	
		For >250 To 400, Deduct	*-1.32*	
		For >400 To 600, Deduct	*-1.98*	
		For >600 To 750, Deduct	*-2.64*	
		For >750, Deduct	*-3.53*	
		For Schedule 80, Add	*6.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0097	LF	2" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	31.09	
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 400, Deduct	*-1.87*	
		For >400 To 600, Deduct	*-2.80*	
		For >600 To 750, Deduct	*-3.74*	
		For >750, Deduct	*-5.08*	
		For Schedule 80, Add	*7.42*	
33 11 13 00-0098	LF	3" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	47.98	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 400, Deduct	*-2.74*	
		For >400 To 600, Deduct	*-4.11*	
		For >600 To 750, Deduct	*-5.47*	
		For >750, Deduct	*-7.28*	
		For Schedule 80, Add	*13.78*	
33 11 13 00-0099	LF	4" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	60.30	
		For >100 To 250, Deduct	*-1.94*	
		For >250 To 400, Deduct	*-3.44*	
		For >400 To 600, Deduct	*-5.16*	
		For >600 To 750, Deduct	*-6.89*	
		For >750, Deduct	*-9.16*	
		For Schedule 80, Add	*17.28*	
33 11 13 00-0100	LF	5" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	76.03	
		For >100 To 250, Deduct	*-2.41*	
		For >250 To 400, Deduct	*-4.31*	
		For >400 To 600, Deduct	*-6.47*	
		For >600 To 750, Deduct	*-8.62*	
		For >750, Deduct	*-11.44*	
		For Schedule 80, Add	*22.26*	
33 11 13 00-0101	LF	6" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	81.48	
		For >100 To 250, Deduct	*-2.72*	
		For >250 To 400, Deduct	*-4.75*	
		For >400 To 600, Deduct	*-7.13*	
		For >600 To 750, Deduct	*-9.51*	
		For >750, Deduct	*-12.76*	
		For Schedule 80, Add	*21.73*	
33 11 13 00-0102	LF	8" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	119.55	
		For >100 To 250, Deduct	*-3.86*	
		For >250 To 400, Deduct	*-6.85*	
		For >400 To 600, Deduct	*-10.27*	
		For >600 To 750, Deduct	*-13.69*	
		For >750, Deduct	*-18.24*	
		For Schedule 80, Add	*33.92*	

33 11 13 00-0103 Furnish And Install Gravel Pack Material *(33 11 13 00-0001)*
Note: Quantity is based on 3" space between wall and the casing or well screen.

33 11 13 00-0104 Artificial Gravel Pack *(33 11 13 00-0103)*
Note: Excludes casing.

33 11 13 00-0105	LF	Artificial Gravel Pack, 6" Casing, 2" Screen	17.97	
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 400, Deduct	*-1.16*	
		For >400 To 600, Deduct	*-1.73*	
		For >600 To 750, Deduct	*-2.31*	
		For >750, Deduct	*-3.22*	
33 11 13 00-0106	LF	Artificial Gravel Pack, 8" Casing, 2" Screen	26.61	
		For >100 To 250, Deduct	*-1.07*	
		For >250 To 400, Deduct	*-1.73*	
		For >400 To 600, Deduct	*-2.60*	
		For >600 To 750, Deduct	*-3.47*	
		For >750, Deduct	*-4.86*	
33 11 13 00-0107	LF	Artificial Gravel Pack, 10" Casing, 2" Screen	37.23	
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 400, Deduct	*-2.46*	
		For >400 To 600, Deduct	*-3.69*	
		For >600 To 750, Deduct	*-4.92*	
		For >750, Deduct	*-6.94*	
33 11 13 00-0108	LF	Artificial Gravel Pack, 12" Casing, 2" Screen	47.62	
		For >100 To 250, Deduct	*-1.94*	
		For >250 To 400, Deduct	*-3.13*	
		For >400 To 600, Deduct	*-4.69*	
		For >600 To 750, Deduct	*-6.25*	
		For >750, Deduct	*-8.79*	
33 11 13 00-0109	LF	Artificial Gravel Pack, 14" Casing, 2" Screen	58.61	
		For >100 To 250, Deduct	*-2.36*	
		For >250 To 400, Deduct	*-3.82*	
		For >400 To 600, Deduct	*-5.73*	
		For >600 To 750, Deduct	*-7.64*	
		For >750, Deduct	*-10.71*	
33 11 13 00-0110	LF	Artificial Gravel Pack, 16" Casing, 2" Screen	75.66	
		For >100 To 250, Deduct	*-2.99*	
		For >250 To 400, Deduct	*-4.88*	
		For >400 To 600, Deduct	*-7.32*	
		For >600 To 750, Deduct	*-9.77*	
		For >750, Deduct	*-13.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0111	LF	Artificial Gravel Pack, 18" Casing, 2" Screen	86.67	
		For >100 To 250, Deduct	*-3.41*	
		For >250 To 400, Deduct	*-5.58*	
		For >400 To 600, Deduct	*-8.36*	
		For >600 To 750, Deduct	*-11.15*	
		For >750, Deduct	*-15.56*	
33 11 13 00-0112	LF	Artificial Gravel Pack, 20" Casing, 2" Screen	103.12	
		For >100 To 250, Deduct	*-4.10*	
		For >250 To 400, Deduct	*-6.67*	
		For >400 To 600, Deduct	*-10.01*	
		For >600 To 750, Deduct	*-13.35*	
		For >750, Deduct	*-18.65*	
33 11 13 00-0113	LF	Artificial Gravel Pack, 24" Casing, 2" Screen	116.76	
		For >100 To 250, Deduct	*-4.66*	
		For >250 To 400, Deduct	*-7.58*	
		For >400 To 600, Deduct	*-11.37*	
		For >600 To 750, Deduct	*-15.16*	
		For >750, Deduct	*-21.21*	
33 11 13 00-0114	LF	Artificial Gravel Pack, 26" Casing, 2" Screen	125.57	
		For >100 To 250, Deduct	*-4.96*	
		For >250 To 400, Deduct	*-8.10*	
		For >400 To 600, Deduct	*-12.15*	
		For >600 To 750, Deduct	*-16.20*	
		For >750, Deduct	*-22.61*	
33 11 13 00-0115	LF	Artificial Gravel Pack, 30" Casing, 2" Screen	150.02	
		For >100 To 250, Deduct	*-5.99*	
		For >250 To 400, Deduct	*-9.74*	
		For >400 To 600, Deduct	*-14.61*	
		For >600 To 750, Deduct	*-19.48*	
		For >750, Deduct	*-27.26*	
33 11 13 00-0116	LF	Artificial Gravel Pack, 36" Casing, 2" Screen	174.13	
		For >100 To 250, Deduct	*-7.08*	
		For >250 To 400, Deduct	*-11.44*	
		For >400 To 600, Deduct	*-17.15*	
		For >600 To 750, Deduct	*-22.87*	
		For >750, Deduct	*-32.14*	
33 11 13 00-0117		**Develop Well** *(33 11 13 00-0001)*		
		Note: Pump out drilled well to remove debris and fine material remaining from the drilling process. Excludes disposal.		
33 11 13 00-0118	HR	Develop Well	432.39	
33 11 13 00-0119		**Pump Test** *(33 11 13 00-0001)*		
		Note: To determine water level and GPM flow rate.		
33 11 13 00-0120	HR	Pump Test Well	382.78	
33 11 13 00-0121		**Test Well** *(33 11 13 00-0001)*		
33 11 13 00-0122	VLF	2-1/2" Diameter Test Well	102.32	
33 11 13 00-0123		**Surface Seal, Concrete Filled** *(33 11 13)*		
33 11 13 00-0124	SF	Surface Seal Well, Concrete Filled	32.80	
33 11 13 00-0125		**Other Water Well** *(33 11 13)*		
33 11 13 00-0126	SF	Patch Hole In Well Casing	96.22	
33 11 13 00-0127	SF	1/2" Pressure Grout Well	2.38	
33 11 13 00-0128	SF	1" Pressure Grout Well	3.86	
33 11 13 00-0129	CF	Sediment Removal In Well Casing For Existing Well	5.59	
33 11 13 00-0130		**Sterilization Of Well** *(33 11 13)*		
33 11 13 00-0131	EA	Well Sterilization, Chlorine	1,603.09	
33 11 13 00-0132		**Submersible Well Pumps** *(33 11 13)*		
		Note: Includes pump end, motor and control box.		
33 11 13 00-0133		**4" Submersible Well Pumps** *(33 11 13 00-0132)*		
33 11 13 00-0134		**Powder Coated Case And Cast Iron Ends** *(33 11 13 00-0133)*		
33 11 13 00-0135	EA	1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,359.48	465.19
33 11 13 00-0136	EA	3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,549.82	515.60
33 11 13 00-0137	EA	1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,720.08	572.89
33 11 13 00-0138		**Stainless Steel Case And Ends** *(33 11 13 00-0133)*		
33 11 13 00-0139	EA	1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,532.36	458.32
33 11 13 00-0140	EA	3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,747.58	515.60
33 11 13 00-0141	EA	1 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,959.27	572.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0142	EA	1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,244.35	630.19
33 11 13 00-0143	EA	2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,540.09	687.47
33 11 13 00-0144	EA	3 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,124.48	802.06
33 11 13 00-0145	EA	5 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,930.30	916.63
33 11 13 00-0146		6" Submersible Well Pumps *(33 11 13 00-0132)*		
33 11 13 00-0147	EA	5 HP Submersible Well Pump, 6" Diameter Stainless Steel	3,821.44	1,145.79
33 11 13 00-0148	EA	7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,407.00	1,260.37
33 11 13 00-0149	EA	10 HP Submersible Well Pump, 6" Diameter Stainless Steel	5,015.08	1,374.95
33 11 13 00-0150	EA	15 HP Submersible Well Pump, 6" Diameter Stainless Steel	6,093.23	1,604.10

33 14 Water Utility Transmission and Distribution *(33 10)*

33 14 11 Water Utility Transmission Piping *(33 14)*

See CSI section 33 14 13 00-0000 for water utility transmission piping.

33 14 13 Public Water Utility Distribution Piping *(33 14)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 14 13 13 Ductile Iron Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 13-0001 Ductile Iron Piping *(33 14 13 13)*

33 14 13 13-0002 Mechanical Joint Ductile Iron Piping *(33 14 13 13-0001)*

Note: Cement lining and bituminous coating shall conform to ANSI A21.4. Fittings are C153. See CSI section 33 14 13 13-0542 for bolts and gaskets.

33 14 13 13-0003 Mechanical Joint Ductile Iron Pipe *(33 14 13 13-0002)*

Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.

33 14 13 13-0004	LF	3", Class 51, Mechanical Joint Ductile Iron Pipe	42.03	12.78
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*15.88*	
		For Cement Mortar Lining (CML), Add	*2.27*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*12.25*	
		For Fusion Bonded Epoxy Lining (206N), Add	*4.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.70*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.10*	
		For Class 52, Add	*7.18*	
		For Class 53, Add	*12.88*	
		For Class 54, Add	*18.36*	
		For Class 55, Add	*21.14*	
		For Class 56, Add	*23.88*	
33 14 13 13-0005	LF	4", Class 50, Mechanical Joint Ductile Iron Pipe	45.54	13.60
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*17.45*	
		For Cement Mortar Lining (CML), Add	*2.49*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*13.46*	
		For Fusion Bonded Epoxy Lining (206N), Add	*4.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.87*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.28*	
		For Class 51, Add	*3.66*	
		For Class 52, Add	*7.87*	
		For Class 53, Add	*14.13*	
		For Class 54, Add	*20.14*	
		For Class 55, Add	*23.19*	
		For Class 56, Add	*26.19*	
33 14 13 13-0006	LF	6", Class 50, Mechanical Joint Ductile Iron Pipe	48.65	14.29
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*18.94*	
		For Cement Mortar Lining (CML), Add	*2.71*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*14.61*	
		For Fusion Bonded Epoxy Lining (206N), Add	*4.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.03*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.43*	
		For Class 51, Add	*3.96*	
		For Class 52, Add	*8.53*	
		For Class 53, Add	*15.31*	
		For Class 54, Add	*21.82*	
		For Class 55, Add	*25.12*	
		For Class 56, Add	*28.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0007	LF	8", Class 50, Mechanical Joint Ductile Iron Pipe	57.10	14.84
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*24.23*	
		For Cement Mortar Lining (CML), Add	*3.46*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*18.69*	
		For Fusion Bonded Epoxy Lining (206N), Add	*6.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.60*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.86*	
		For Class 51, Add	*5.00*	
		For Class 52, Add	*10.78*	
		For Class 53, Add	*19.39*	
		For Class 54, Add	*27.65*	
		For Class 55, Add	*31.81*	
		For Class 56, Add	*35.90*	
33 14 13 13-0008	LF	10", Class 50, Mechanical Joint Ductile Iron Pipe	76.86	21.01
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*27.02*	
		For Cement Mortar Lining (CML), Add	*4.50*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*22.52*	
		For Fusion Bonded Epoxy Lining (206N), Add	*8.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.38*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-3.84*	
		For Class 51, Add	*6.54*	
		For Class 52, Add	*14.08*	
		For Class 53, Add	*25.33*	
		For Class 54, Add	*36.10*	
		For Class 55, Add	*41.55*	
		For Class 56, Add	*46.90*	
33 14 13 13-0009	LF	12", Class 50, Mechanical Joint Ductile Iron Pipe	92.88	23.35
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*28.76*	
		For Cement Mortar Lining (CML), Add	*5.75*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*23.00*	
		For Fusion Bonded Epoxy Lining (206N), Add	*10.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.31*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-4.64*	
		For Class 51, Add	*8.28*	
		For Class 52, Add	*17.86*	
		For Class 53, Add	*32.15*	
		For Class 54, Add	*45.84*	
		For Class 55, Add	*52.73*	
		For Class 56, Add	*59.50*	
33 14 13 13-0010	LF	14", Class 50, Mechanical Joint Ductile Iron Pipe	111.11	26.21
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*31.38*	
		For Cement Mortar Lining (CML), Add	*7.13*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*24.25*	
		For Fusion Bonded Epoxy Lining (206N), Add	*12.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.35*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-5.56*	
		For Class 51, Add	*10.22*	
		For Class 52, Add	*22.04*	
		For Class 53, Add	*39.71*	
		For Class 54, Add	*56.65*	
		For Class 55, Add	*65.14*	
		For Class 56, Add	*73.48*	
33 14 13 13-0011	LF	16", Class 50, Mechanical Joint Ductile Iron Pipe	125.44	30.04
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*32.78*	
		For Cement Mortar Lining (CML), Add	*8.00*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*24.79*	
		For Fusion Bonded Epoxy Lining (206N), Add	*14.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.00*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-6.27*	
		For Class 51, Add	*11.47*	
		For Class 52, Add	*24.73*	
		For Class 53, Add	*44.56*	
		For Class 54, Add	*63.56*	
		For Class 55, Add	*73.09*	
		For Class 56, Add	*82.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0012	LF	18", Class 50, Mechanical Joint Ductile Iron Pipe	155.60	35.01
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*42.04*	
		For Cement Mortar Lining (CML), Add	*10.25*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*31.79*	
		For Fusion Bonded Epoxy Lining (206N), Add	*18.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.69*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-7.78*	
		For Class 51, Add	*14.64*	
		For Class 52, Add	*31.59*	
		For Class 53, Add	*56.94*	
		For Class 54, Add	*81.24*	
		For Class 55, Add	*93.40*	
		For Class 56, Add	*105.34*	
33 14 13 13-0013	LF	20", Class 50, Mechanical Joint Ductile Iron Pipe	176.59	42.02
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*42.91*	
		For Cement Mortar Lining (CML), Add	*11.29*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*31.62*	
		For Fusion Bonded Epoxy Lining (206N), Add	*20.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.47*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-8.83*	
		For Class 51, Add	*16.19*	
		For Class 52, Add	*34.91*	
		For Class 53, Add	*62.90*	
		For Class 54, Add	*89.73*	
		For Class 55, Add	*103.18*	
		For Class 56, Add	*116.40*	
33 14 13 13-0014	LF	24", Class 50, Mechanical Joint Ductile Iron Pipe	231.15	52.53
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*46.98*	
		For Cement Mortar Lining (CML), Add	*15.16*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*31.83*	
		For Fusion Bonded Epoxy Lining (206N), Add	*27.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.37*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-11.56*	
		For Class 51, Add	*21.65*	
		For Class 52, Add	*46.72*	
		For Class 53, Add	*84.21*	
		For Class 54, Add	*120.14*	
		For Class 55, Add	*138.12*	
		For Class 56, Add	*155.79*	
33 14 13 13-0015	LF	30", Class 50, Mechanical Joint Ductile Iron Pipe	298.62	56.56
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*66.25*	
		For Cement Mortar Lining (CML), Add	*21.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*38.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.03*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-14.93*	
		For Class 51, Add	*30.19*	
		For Class 52, Add	*65.19*	
		For Class 53, Add	*117.72*	
		For Class 54, Add	*168.04*	
		For Class 55, Add	*193.06*	
		For Class 56, Add	*217.63*	
33 14 13 13-0016	LF	36", Class 50, Mechanical Joint Ductile Iron Pipe	357.45	60.06
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*82.84*	
		For Cement Mortar Lining (CML), Add	*26.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*48.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.04*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-17.87*	
		For Class 51, Add	*37.55*	
		For Class 52, Add	*81.12*	
		For Class 53, Add	*146.60*	
		For Class 54, Add	*209.32*	
		For Class 55, Add	*240.41*	
		For Class 56, Add	*270.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0017	LF	42", Class 50, Mechanical Joint Ductile Iron Pipe	439.77	63.56
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*106.72*	
		For Cement Mortar Lining (CML), Add	*34.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*61.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.82*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-21.99*	
		For Class 51, Add	*48.12*	
		For Class 52, Add	*103.98*	
		For Class 53, Add	*188.07*	
		For Class 54, Add	*268.62*	
		For Class 55, Add	*308.40*	
		For Class 56, Add	*347.46*	
33 14 13 13-0018	LF	48", Class 50, Mechanical Joint Ductile Iron Pipe	539.62	67.18
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*136.03*	
		For Cement Mortar Lining (CML), Add	*43.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*78.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.91*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-26.98*	
		For Class 51, Add	*61.07*	
		For Class 52, Add	*132.01*	
		For Class 53, Add	*238.93*	
		For Class 54, Add	*341.34*	
		For Class 55, Add	*391.79*	
		For Class 56, Add	*441.32*	
33 14 13 13-0019		Mechanical Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0020	EA	3" Mechanical Joint Ductile Iron 90 Degree Elbow	170.42	40.36
		For Cement Mortar Lining (CML), Add	*10.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0021	EA	4" Mechanical Joint Ductile Iron 90 Degree Elbow	191.97	48.24
		For Cement Mortar Lining (CML), Add	*11.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0022	EA	6" Mechanical Joint Ductile Iron 90 Degree Elbow	302.34	71.29
		For Cement Mortar Lining (CML), Add	*19.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*34.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0023	EA	8" Mechanical Joint Ductile Iron 90 Degree Elbow	410.92	84.55
		For Cement Mortar Lining (CML), Add	*28.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0024	EA	10" Mechanical Joint Ductile Iron 90 Degree Elbow	590.98	93.18
		For Cement Mortar Lining (CML), Add	*44.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*80.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0025	EA	12" Mechanical Joint Ductile Iron 90 Degree Elbow	771.21	109.30
		For Cement Mortar Lining (CML), Add	*60.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*109.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0026	EA	14" Mechanical Joint Ductile Iron 90 Degree Elbow	1,199.43	122.57
		For Cement Mortar Lining (CML), Add	*101.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*182.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*76.03*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0027	EA	16" Mechanical Joint Ductile Iron 90 Degree Elbow	1,589.06	140.08
		For Cement Mortar Lining (CML), Add	*137.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*247.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*103.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0028	EA	18" Mechanical Joint Ductile Iron 90 Degree Elbow	1,955.06	196.11
		For Cement Mortar Lining (CML), Add	*165.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*298.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*124.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0029	EA	20" Mechanical Joint Ductile Iron 90 Degree Elbow	2,683.23	245.13
		For Cement Mortar Lining (CML), Add	*231.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*416.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*173.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0030	EA	24" Mechanical Joint Ductile Iron 90 Degree Elbow	3,945.54	326.42
		For Cement Mortar Lining (CML), Add	*345.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*621.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*258.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0031	EA	30" Mechanical Joint Ductile Iron 90 Degree Elbow	6,068.41	350.20
		For Cement Mortar Lining (CML), Add	*553.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*996.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*415.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0032	EA	36" Mechanical Joint Ductile Iron 90 Degree Elbow	9,208.54	363.57
		For Cement Mortar Lining (CML), Add	*865.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,558.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*649.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0033	EA	42" Mechanical Joint Ductile Iron 90 Degree Elbow	15,482.94	420.23
		For Cement Mortar Lining (CML), Add	*1,484.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,672.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,113.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0034	EA	48" Mechanical Joint Ductile Iron 90 Degree Elbow	20,473.39	447.08
		For Cement Mortar Lining (CML), Add	*1,979.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,563.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,484.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0035		Mechanical Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0036	EA	3" Mechanical Joint Ductile Iron 45 Degree Elbow	159.17	40.36
		For Cement Mortar Lining (CML), Add	*9.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*17.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0037	EA	4" Mechanical Joint Ductile Iron 45 Degree Elbow	171.08	48.24
		For Cement Mortar Lining (CML), Add	*9.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*17.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0038	EA	6" Mechanical Joint Ductile Iron 45 Degree Elbow	265.39	71.29
		For Cement Mortar Lining (CML), Add	*15.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0039	EA	8" Mechanical Joint Ductile Iron 45 Degree Elbow	357.91	84.55
		For Cement Mortar Lining (CML), Add	*22.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*41.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.23*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0040	EA	10" Mechanical Joint Ductile Iron 45 Degree Elbow	476.91	93.18
		For Cement Mortar Lining (CML), Add	*33.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*60.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0041	EA	12" Mechanical Joint Ductile Iron 45 Degree Elbow	666.79	109.30
		For Cement Mortar Lining (CML), Add	*50.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*90.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0042	EA	14" Mechanical Joint Ductile Iron 45 Degree Elbow	974.51	122.57
		For Cement Mortar Lining (CML), Add	*78.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*141.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*59.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0043	EA	16" Mechanical Joint Ductile Iron 45 Degree Elbow	1,195.45	140.08
		For Cement Mortar Lining (CML), Add	*98.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*176.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*73.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0044	EA	18" Mechanical Joint Ductile Iron 45 Degree Elbow	1,707.65	196.11
		For Cement Mortar Lining (CML), Add	*141.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*253.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*105.79*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0045	EA	20" Mechanical Joint Ductile Iron 45 Degree Elbow	1,878.34	245.13
		For Cement Mortar Lining (CML), Add	*150.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*271.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*113.02*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0046	EA	24" Mechanical Joint Ductile Iron 45 Degree Elbow	2,784.00	326.42
		For Cement Mortar Lining (CML), Add	*228.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*412.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*171.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0047	EA	30" Mechanical Joint Ductile Iron 45 Degree Elbow	5,181.59	350.20
		For Cement Mortar Lining (CML), Add	*465.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*837.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*348.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0048	EA	36" Mechanical Joint Ductile Iron 45 Degree Elbow	7,351.36	363.57
		For Cement Mortar Lining (CML), Add	*680.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,224.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*510.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0049	EA	42" Mechanical Joint Ductile Iron 45 Degree Elbow	11,085.79	420.23
		For Cement Mortar Lining (CML), Add	*1,044.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,880.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*783.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0050	EA	48" Mechanical Joint Ductile Iron 45 Degree Elbow	14,370.07	447.08
		For Cement Mortar Lining (CML), Add	*1,369.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,464.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,026.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0051		Mechanical Joint Ductile Iron 22-1/2 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0052	EA	3" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	138.28	40.36
		For Cement Mortar Lining (CML), Add	*7.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*13.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.78*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0053	EA	4" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	166.26	48.24
		For Cement Mortar Lining (CML), Add	*9.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0054	EA	6" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	252.54	71.29
		For Cement Mortar Lining (CML), Add	*14.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*26.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0055	EA	8" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	353.09	84.55
		For Cement Mortar Lining (CML), Add	*22.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*40.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0056	EA	10" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	475.30	93.18
		For Cement Mortar Lining (CML), Add	*33.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*60.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0057	EA	12" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	604.13	109.30
		For Cement Mortar Lining (CML), Add	*43.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*78.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0058	EA	14" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	984.15	122.57
		For Cement Mortar Lining (CML), Add	*79.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*143.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*59.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0059	EA	16" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,155.29	140.08
		For Cement Mortar Lining (CML), Add	*94.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*169.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*70.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0060	EA	18" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,455.42	196.11
		For Cement Mortar Lining (CML), Add	*115.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*208.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*86.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0061	EA	20" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,945.82	245.13
		For Cement Mortar Lining (CML), Add	*157.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*283.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*118.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0062	EA	24" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,607.28	326.42
		For Cement Mortar Lining (CML), Add	*211.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*380.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*158.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0063	EA	30" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	4,428.11	350.20
		For Cement Mortar Lining (CML), Add	*389.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*701.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*292.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0064	EA	36" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	6,263.72	363.57
		For Cement Mortar Lining (CML), Add	*571.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,028.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*428.47*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0065	EA	42" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	9,262.34	420.23
		For Cement Mortar Lining (CML), Add	*862.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,552.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*646.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0066	EA	48" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	11,908.82	447.08
		For Cement Mortar Lining (CML), Add	*1,123.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,021.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*842.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0067		**Mechanical Joint Ductile Iron 11-1/4 Degree Elbow** *(33 14 13 13-0002)*		
33 14 13 13-0068	EA	3" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	138.28	40.36
		For Cement Mortar Lining (CML), Add	*7.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*13.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0069	EA	4" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	161.44	48.24
		For Cement Mortar Lining (CML), Add	*8.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*15.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0070	EA	6" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	257.36	71.29
		For Cement Mortar Lining (CML), Add	*14.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*26.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0071	EA	8" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	332.20	84.55
		For Cement Mortar Lining (CML), Add	*20.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*36.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0072	EA	10" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	472.09	93.18
		For Cement Mortar Lining (CML), Add	*33.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*59.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0073	EA	12" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	576.82	109.30
		For Cement Mortar Lining (CML), Add	*41.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*74.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0074	EA	14" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,096.61	122.57
		For Cement Mortar Lining (CML), Add	*91.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*163.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*68.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0075	EA	16" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,209.91	140.08
		For Cement Mortar Lining (CML), Add	*99.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*179.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*74.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0076	EA	18" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,760.67	196.11
		For Cement Mortar Lining (CML), Add	*146.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*263.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*109.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0077	EA	20" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,854.24	245.13
		For Cement Mortar Lining (CML), Add	*148.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*266.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*111.21*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0078	EA	24" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,472.33	326.42
		For Cement Mortar Lining (CML), Add	*197.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*355.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*148.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0079	EA	30" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	4,498.80	350.20
		For Cement Mortar Lining (CML), Add	*396.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*714.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*297.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0080	EA	36" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	5,974.54	363.57
		For Cement Mortar Lining (CML), Add	*542.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*976.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*406.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0081	EA	42" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	8,868.73	420.23
		For Cement Mortar Lining (CML), Add	*823.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,481.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*617.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0082	EA	48" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	11,831.71	447.08
		For Cement Mortar Lining (CML), Add	*1,115.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,007.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*836.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0083		Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0084	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	175.24	40.36
		For Cement Mortar Lining (CML), Add	*11.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0085	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	214.46	48.24
		For Cement Mortar Lining (CML), Add	*14.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*25.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0086	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	342.51	71.29
		For Cement Mortar Lining (CML), Add	*23.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0087	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	463.94	84.55
		For Cement Mortar Lining (CML), Add	*33.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*60.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0088	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	668.09	93.18
		For Cement Mortar Lining (CML), Add	*52.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*94.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0089	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	854.75	109.30
		For Cement Mortar Lining (CML), Add	*68.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*124.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*51.69*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0090	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,467.72	122.57
		For Cement Mortar Lining (CML), Add	*128.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*230.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*96.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0091	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,242.93	140.08
		For Cement Mortar Lining (CML), Add	*203.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*365.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*152.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0092	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,604.11	196.11
		For Cement Mortar Lining (CML), Add	*230.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*415.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*173.03*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0093	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,537.92	245.13
		For Cement Mortar Lining (CML), Add	*316.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*569.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*237.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0094	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	4,298.98	326.42
		For Cement Mortar Lining (CML), Add	*380.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*684.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*285.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0095	EA	30" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	8,021.99	350.20
		For Cement Mortar Lining (CML), Add	*749.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,348.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*561.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0096	EA	36" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	14,355.96	363.57
		For Cement Mortar Lining (CML), Add	*1,380.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,484.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,035.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0097		Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0098	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	160.78	40.36
		For Cement Mortar Lining (CML), Add	*9.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*17.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0099	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	175.90	48.24
		For Cement Mortar Lining (CML), Add	*10.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0100	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	283.07	71.29
		For Cement Mortar Lining (CML), Add	*17.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0101	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	409.32	84.55
		For Cement Mortar Lining (CML), Add	*28.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.09*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0102	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	558.85	93.18
		For Cement Mortar Lining (CML), Add	*41.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*75.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0103	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	759.97	109.30
		For Cement Mortar Lining (CML), Add	*59.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*107.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0104	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,299.04	122.57
		For Cement Mortar Lining (CML), Add	*111.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*200.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*83.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0105	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,977.85	140.08
		For Cement Mortar Lining (CML), Add	*176.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*317.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*132.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0106	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,335.81	196.11
		For Cement Mortar Lining (CML), Add	*203.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*366.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*152.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0107	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,033.46	245.13
		For Cement Mortar Lining (CML), Add	*266.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*479.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*199.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0108	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,812.20	326.42
		For Cement Mortar Lining (CML), Add	*331.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*597.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*248.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0109	EA	30" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	7,046.81	350.20
		For Cement Mortar Lining (CML), Add	*651.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,172.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*488.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0110	EA	36" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	12,561.43	363.57
		For Cement Mortar Lining (CML), Add	*1,201.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,161.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*900.80*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0111 Mechanical Joint Ductile Iron Tee *(33 14 13 13-0002)*

33 14 13 13-0112	EA	3" x 3" Mechanical Joint Ductile Iron Tee	278.11	60.56
		For Cement Mortar Lining (CML), Add	*18.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*33.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0113	EA	4" x 3" Mechanical Joint Ductile Iron Tee	288.91	67.68
		For Cement Mortar Lining (CML), Add	*18.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*33.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0114	EA	4" x 4" Mechanical Joint Ductile Iron Tee	263.79	71.29
		For Cement Mortar Lining (CML), Add	*15.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.69*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0115	EA	6" x 3" Mechanical Joint Ductile Iron Tee	351.33	89.80
		For Cement Mortar Lining (CML), Add	*21.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*38.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0116	EA	6" x 4" Mechanical Joint Ductile Iron Tee	403.53	93.51
		For Cement Mortar Lining (CML), Add	*26.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*47.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0117	EA	6" x 6" Mechanical Joint Ductile Iron Tee	439.68	104.68
		For Cement Mortar Lining (CML), Add	*28.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0118	EA	8" x 4" Mechanical Joint Ductile Iron Tee	467.82	108.36
		For Cement Mortar Lining (CML), Add	*30.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*54.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0119	EA	8" x 6" Mechanical Joint Ductile Iron Tee	531.28	119.49
		For Cement Mortar Lining (CML), Add	*35.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*63.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0120	EA	8" x 8" Mechanical Joint Ductile Iron Tee	614.83	126.95
		For Cement Mortar Lining (CML), Add	*42.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*76.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.69*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0121	EA	10" x 4" Mechanical Joint Ductile Iron Tee	641.35	115.80
		For Cement Mortar Lining (CML), Add	*46.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*83.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*34.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0122	EA	10" x 6" Mechanical Joint Ductile Iron Tee	642.81	126.31
		For Cement Mortar Lining (CML), Add	*45.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*81.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0123	EA	10" x 8" Mechanical Joint Ductile Iron Tee	730.55	133.30
		For Cement Mortar Lining (CML), Add	*52.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*95.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0124	EA	10" x 10" Mechanical Joint Ductile Iron Tee	816.31	140.08
		For Cement Mortar Lining (CML), Add	*60.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*108.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0125	EA	12" x 4" Mechanical Joint Ductile Iron Tee	767.00	129.80
		For Cement Mortar Lining (CML), Add	*57.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*102.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0126	EA	12" x 6" Mechanical Joint Ductile Iron Tee	871.27	140.30
		For Cement Mortar Lining (CML), Add	*65.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*118.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*49.40*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0127	EA	12" x 8" Mechanical Joint Ductile Iron Tee	1,069.86	147.32
		For Cement Mortar Lining (CML), Add	*84.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*152.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*63.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0128	EA	12" x 10" Mechanical Joint Ductile Iron Tee	1,145.99	154.08
		For Cement Mortar Lining (CML), Add	*91.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*164.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*68.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0129	EA	12" x 12" Mechanical Joint Ductile Iron Tee	1,087.51	161.09
		For Cement Mortar Lining (CML), Add	*84.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*151.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*63.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0130	EA	14" x 6" Mechanical Joint Ductile Iron Tee	1,160.23	163.48
		For Cement Mortar Lining (CML), Add	*91.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*164.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*68.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0131	EA	14" x 8" Mechanical Joint Ductile Iron Tee	1,291.35	170.50
		For Cement Mortar Lining (CML), Add	*103.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*185.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*77.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0132	EA	14" x 10" Mechanical Joint Ductile Iron Tee	1,648.62	177.26
		For Cement Mortar Lining (CML), Add	*138.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*248.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*103.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0133	EA	14" x 12" Mechanical Joint Ductile Iron Tee	1,762.04	184.26
		For Cement Mortar Lining (CML), Add	*148.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*266.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*111.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0134	EA	14" x 14" Mechanical Joint Ductile Iron Tee	1,700.88	195.89
		For Cement Mortar Lining (CML), Add	*140.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*252.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*105.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0135	EA	16" x 6" Mechanical Joint Ductile Iron Tee	1,474.64	196.10
		For Cement Mortar Lining (CML), Add	*117.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*211.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*88.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0136	EA	16" x 8" Mechanical Joint Ductile Iron Tee	1,586.56	203.11
		For Cement Mortar Lining (CML), Add	*127.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*230.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*95.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0137	EA	16" x 10" Mechanical Joint Ductile Iron Tee	1,847.45	209.87
		For Cement Mortar Lining (CML), Add	*152.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*275.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*114.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0138	EA	16" x 12" Mechanical Joint Ductile Iron Tee	2,021.92	216.88
		For Cement Mortar Lining (CML), Add	*169.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*304.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*127.00*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0139	EA	16" x 14" Mechanical Joint Ductile Iron Tee	2,433.09	228.48
		For Cement Mortar Lining (CML), Add	*208.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*375.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*156.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0140	EA	16" x 16" Mechanical Joint Ductile Iron Tee	2,300.35	244.82
		For Cement Mortar Lining (CML), Add	*192.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*347.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*144.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0141	EA	18" x 6" Mechanical Joint Ductile Iron Tee	2,047.86	250.97
		For Cement Mortar Lining (CML), Add	*166.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*300.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*125.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0142	EA	18" x 8" Mechanical Joint Ductile Iron Tee	2,196.66	257.98
		For Cement Mortar Lining (CML), Add	*180.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*325.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*135.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0143	EA	18" x 10" Mechanical Joint Ductile Iron Tee	2,377.20	264.75
		For Cement Mortar Lining (CML), Add	*197.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*355.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*148.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0144	EA	18" x 12" Mechanical Joint Ductile Iron Tee	2,556.50	271.75
		For Cement Mortar Lining (CML), Add	*214.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*386.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*160.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0145	EA	18" x 14" Mechanical Joint Ductile Iron Tee	2,630.29	283.34
		For Cement Mortar Lining (CML), Add	*220.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*396.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*165.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0146	EA	18" x 16" Mechanical Joint Ductile Iron Tee	2,807.62	299.65
		For Cement Mortar Lining (CML), Add	*235.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*423.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*176.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0147	EA	18" x 18" Mechanical Joint Ductile Iron Tee	3,287.77	327.06
		For Cement Mortar Lining (CML), Add	*279.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*502.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*209.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0148	EA	20" x 6" Mechanical Joint Ductile Iron Tee	2,421.76	359.90
		For Cement Mortar Lining (CML), Add	*187.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*337.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*140.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0149	EA	20" x 8" Mechanical Joint Ductile Iron Tee	2,474.15	366.90
		For Cement Mortar Lining (CML), Add	*191.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*345.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*143.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0150	EA	20" x 10" Mechanical Joint Ductile Iron Tee	2,694.86	373.67
		For Cement Mortar Lining (CML), Add	*212.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*383.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*159.65*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0151	EA	20" x 12" Mechanical Joint Ductile Iron Tee	2,914.32	380.67
		For Cement Mortar Lining (CML), Add	*233.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*420.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*175.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0152	EA	20" x 14" Mechanical Joint Ductile Iron Tee	2,949.56	392.26
		For Cement Mortar Lining (CML), Add	*235.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*423.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*176.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0153	EA	20" x 16" Mechanical Joint Ductile Iron Tee	2,993.55	408.57
		For Cement Mortar Lining (CML), Add	*237.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*427.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*178.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0154	EA	20" x 18" Mechanical Joint Ductile Iron Tee	3,761.28	436.00
		For Cement Mortar Lining (CML), Add	*310.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*558.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*232.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0155	EA	20" x 20" Mechanical Joint Ductile Iron Tee	3,316.84	490.48
		For Cement Mortar Lining (CML), Add	*257.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*463.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*193.03*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0156	EA	24" x 6" Mechanical Joint Ductile Iron Tee	2,967.05	468.49
		For Cement Mortar Lining (CML), Add	*225.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*406.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*169.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0157	EA	24" x 8" Mechanical Joint Ductile Iron Tee	3,006.58	476.16
		For Cement Mortar Lining (CML), Add	*228.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*411.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*171.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0158	EA	24" x 10" Mechanical Joint Ductile Iron Tee	3,312.43	482.26
		For Cement Mortar Lining (CML), Add	*258.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*464.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*193.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0159	EA	24" x 12" Mechanical Joint Ductile Iron Tee	3,395.34	489.26
		For Cement Mortar Lining (CML), Add	*265.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*477.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*199.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0160	EA	24" x 14" Mechanical Joint Ductile Iron Tee	3,820.97	500.85
		For Cement Mortar Lining (CML), Add	*306.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*551.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*229.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0161	EA	24" x 16" Mechanical Joint Ductile Iron Tee	4,126.83	517.15
		For Cement Mortar Lining (CML), Add	*334.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*601.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*250.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0162	EA	24" x 18" Mechanical Joint Ductile Iron Tee	4,688.93	544.59
		For Cement Mortar Lining (CML), Add	*386.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*695.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*289.78*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0163	EA	24" x 20" Mechanical Joint Ductile Iron Tee	5,197.18	599.05
		For Cement Mortar Lining (CML), Add	*428.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*772.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*321.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0164	EA	24" x 24" Mechanical Joint Ductile Iron Tee	4,810.33	653.38
		For Cement Mortar Lining (CML), Add	*382.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*687.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*286.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0165	EA	30" x 8" Mechanical Joint Ductile Iron Tee	5,147.75	552.66
		For Cement Mortar Lining (CML), Add	*431.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*775.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*323.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0166	EA	30" x 10" Mechanical Joint Ductile Iron Tee	5,423.09	559.43
		For Cement Mortar Lining (CML), Add	*457.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*823.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*343.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0167	EA	30" x 12" Mechanical Joint Ductile Iron Tee	5,698.79	566.42
		For Cement Mortar Lining (CML), Add	*484.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*871.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*363.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0168	EA	30" x 14" Mechanical Joint Ductile Iron Tee	6,092.28	578.02
		For Cement Mortar Lining (CML), Add	*521.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*938.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*391.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0169	EA	30" x 16" Mechanical Joint Ductile Iron Tee	6,518.63	769.04
		For Cement Mortar Lining (CML), Add	*561.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,011.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*421.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0170	EA	30" x 18" Mechanical Joint Ductile Iron Tee	6,695.14	621.76
		For Cement Mortar Lining (CML), Add	*575.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,035.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*431.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0171	EA	30" x 20" Mechanical Joint Ductile Iron Tee	6,965.64	676.23
		For Cement Mortar Lining (CML), Add	*594.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,069.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*445.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0172	EA	30" x 24" Mechanical Joint Ductile Iron Tee	7,319.41	730.52
		For Cement Mortar Lining (CML), Add	*621.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,118.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*465.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0173	EA	30" x 30" Mechanical Joint Ductile Iron Tee	9,174.00	769.04
		For Cement Mortar Lining (CML), Add	*800.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,441.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*600.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0174	EA	30" x 6" Mechanical Joint Ductile Iron Tee	5,381.33	545.64
		For Cement Mortar Lining (CML), Add	*455.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*819.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*341.60*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0175	EA	36" x 8" Mechanical Joint Ductile Iron Tee	6,291.60	613.08
		For Cement Mortar Lining (CML), Add	*536.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*965.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*402.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0176	EA	36" x 10" Mechanical Joint Ductile Iron Tee	6,999.10	619.84
		For Cement Mortar Lining (CML), Add	*605.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,090.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*454.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0177	EA	36" x 12" Mechanical Joint Ductile Iron Tee	7,382.44	626.85
		For Cement Mortar Lining (CML), Add	*643.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,157.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*482.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0178	EA	36" x 14" Mechanical Joint Ductile Iron Tee	7,658.65	638.43
		For Cement Mortar Lining (CML), Add	*669.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,204.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*501.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0179	EA	36" x 16" Mechanical Joint Ductile Iron Tee	7,938.80	654.74
		For Cement Mortar Lining (CML), Add	*694.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,250.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*521.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0180	EA	36" x 18" Mechanical Joint Ductile Iron Tee	8,475.19	682.17
		For Cement Mortar Lining (CML), Add	*744.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,339.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*558.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0181	EA	36" x 20" Mechanical Joint Ductile Iron Tee	9,054.13	736.64
		For Cement Mortar Lining (CML), Add	*793.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,428.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*595.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0182	EA	36" x 24" Mechanical Joint Ductile Iron Tee	10,016.80	790.93
		For Cement Mortar Lining (CML), Add	*881.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,587.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*661.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0183	EA	36" x 30" Mechanical Joint Ductile Iron Tee	11,072.93	859.78
		For Cement Mortar Lining (CML), Add	*981.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,766.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*736.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0184	EA	36" x 36" Mechanical Joint Ductile Iron Tee	12,926.07	859.78
		For Cement Mortar Lining (CML), Add	*1,162.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,092.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*871.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0185	EA	42" x 12" Mechanical Joint Ductile Iron Tee	14,521.75	660.62
		For Cement Mortar Lining (CML), Add	*1,352.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,433.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,014.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0186	EA	42" x 14" Mechanical Joint Ductile Iron Tee	14,812.42	672.22
		For Cement Mortar Lining (CML), Add	*1,379.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,482.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,034.54*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0187	EA	42" x 16" Mechanical Joint Ductile Iron Tee	16,461.37	688.52
		For Cement Mortar Lining (CML), Add	*1,541.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,775.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,156.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0188	EA	42" x 18" Mechanical Joint Ductile Iron Tee	15,394.41	715.95
		For Cement Mortar Lining (CML), Add	*1,430.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,575.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,073.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0189	EA	42" x 20" Mechanical Joint Ductile Iron Tee	15,476.92	770.42
		For Cement Mortar Lining (CML), Add	*1,430.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,575.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,073.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0190	EA	42" x 24" Mechanical Joint Ductile Iron Tee	15,821.06	824.71
		For Cement Mortar Lining (CML), Add	*1,457.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,622.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,092.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0191	EA	42" x 30" Mechanical Joint Ductile Iron Tee	19,182.61	863.30
		For Cement Mortar Lining (CML), Add	*1,787.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,217.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,340.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0192	EA	42" x 36" Mechanical Joint Ductile Iron Tee	19,978.64	893.51
		For Cement Mortar Lining (CML), Add	*1,862.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,352.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,396.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0193	EA	42" x 42" Mechanical Joint Ductile Iron Tee	21,133.63	910.40
		For Cement Mortar Lining (CML), Add	*1,975.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,555.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,481.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0194	EA	48" x 12" Mechanical Joint Ductile Iron Tee	17,107.92	714.44
		For Cement Mortar Lining (CML), Add	*1,602.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,884.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,201.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0195	EA	48" x 14" Mechanical Joint Ductile Iron Tee	17,414.67	726.03
		For Cement Mortar Lining (CML), Add	*1,631.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,936.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,223.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0196	EA	48" x 16" Mechanical Joint Ductile Iron Tee	17,849.04	742.33
		For Cement Mortar Lining (CML), Add	*1,672.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,010.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,254.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0197	EA	48" x 18" Mechanical Joint Ductile Iron Tee	18,298.68	769.78
		For Cement Mortar Lining (CML), Add	*1,713.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,083.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,284.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0198	EA	48" x 20" Mechanical Joint Ductile Iron Tee	18,790.87	824.23
		For Cement Mortar Lining (CML), Add	*1,754.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,157.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,315.65*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0199	EA	48" x 24" Mechanical Joint Ductile Iron Tee	18,927.75	878.52
		For Cement Mortar Lining (CML), Add	*1,759.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,167.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,319.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0200	EA	48" x 30" Mechanical Joint Ductile Iron Tee	23,033.14	917.11
		For Cement Mortar Lining (CML), Add	*2,164.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,895.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,623.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0201	EA	48" x 36" Mechanical Joint Ductile Iron Tee	26,259.90	947.32
		For Cement Mortar Lining (CML), Add	*2,482.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,468.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,861.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0202	EA	48" x 42" Mechanical Joint Ductile Iron Tee	27,545.03	964.20
		For Cement Mortar Lining (CML), Add	*2,608.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,695.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,956.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0203	EA	48" x 48" Mechanical Joint Ductile Iron Tee	28,005.11	991.16
		For Cement Mortar Lining (CML), Add	*2,650.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,770.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,987.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0204		**Mechanical Joint Ductile Iron Wye (Laterals)** *(33 14 13 13-0002)*		
33 14 13 13-0205	EA	4" x 3" Mechanical Joint Ductile Iron Wye (Lateral)	239.11	67.68
		For Cement Mortar Lining (CML), Add	*13.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0206	EA	4" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	363.39	71.25
		For Cement Mortar Lining (CML), Add	*25.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*45.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0207	EA	6" x 3" Mechanical Joint Ductile Iron Wye (Lateral)	351.33	89.80
		For Cement Mortar Lining (CML), Add	*21.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*38.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0208	EA	6" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	405.14	93.51
		For Cement Mortar Lining (CML), Add	*26.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*47.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0209	EA	6" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	544.10	104.63
		For Cement Mortar Lining (CML), Add	*38.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*69.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*28.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0210	EA	8" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	695.95	108.36
		For Cement Mortar Lining (CML), Add	*53.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*95.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0211	EA	8" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	626.07	119.49
		For Cement Mortar Lining (CML), Add	*44.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*80.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.38*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0212	EA	8" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	754.60	126.91
		For Cement Mortar Lining (CML), Add	*56.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*101.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0213	EA	10" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	1,070.30	115.80
		For Cement Mortar Lining (CML), Add	*89.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*161.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*67.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0214	EA	10" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,132.81	126.31
		For Cement Mortar Lining (CML), Add	*94.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*169.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*70.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0215	EA	10" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,300.88	133.30
		For Cement Mortar Lining (CML), Add	*109.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*197.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*82.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0216	EA	10" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,463.75	140.08
		For Cement Mortar Lining (CML), Add	*125.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*225.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*93.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0217	EA	12" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	1,364.64	129.80
		For Cement Mortar Lining (CML), Add	*116.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*210.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*87.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0218	EA	12" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,542.81	140.30
		For Cement Mortar Lining (CML), Add	*133.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*239.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*99.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0219	EA	12" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,857.07	147.32
		For Cement Mortar Lining (CML), Add	*163.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*294.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*122.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0220	EA	12" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,910.71	154.08
		For Cement Mortar Lining (CML), Add	*167.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*301.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*125.79*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0221	EA	12" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	1,733.35	161.08
		For Cement Mortar Lining (CML), Add	*148.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*268.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*111.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0222	EA	14" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,040.62	163.48
		For Cement Mortar Lining (CML), Add	*179.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*322.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*134.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0223	EA	14" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,334.01	170.50
		For Cement Mortar Lining (CML), Add	*207.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*373.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*155.68*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0224	EA	14" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,043.11	177.26
		For Cement Mortar Lining (CML), Add	*277.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*499.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*208.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0225	EA	14" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,259.36	184.26
		For Cement Mortar Lining (CML), Add	*298.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*536.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*223.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0226	EA	14" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	3,186.95	195.86
		For Cement Mortar Lining (CML), Add	*289.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*520.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*216.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0227	EA	16" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,099.68	196.10
		For Cement Mortar Lining (CML), Add	*180.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*324.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*135.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0228	EA	16" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,309.51	203.11
		For Cement Mortar Lining (CML), Add	*200.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*360.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*150.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0229	EA	16" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	2,719.81	209.87
		For Cement Mortar Lining (CML), Add	*240.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*432.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*180.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0230	EA	16" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,040.48	216.88
		For Cement Mortar Lining (CML), Add	*271.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*488.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*203.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0231	EA	16" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	3,800.27	228.48
		For Cement Mortar Lining (CML), Add	*345.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*621.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*259.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0232	EA	16" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	3,667.53	244.78
		For Cement Mortar Lining (CML), Add	*329.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*593.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*247.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0233	EA	18" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	3,299.37	250.97
		For Cement Mortar Lining (CML), Add	*291.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*525.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*218.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0234	EA	18" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	3,550.99	257.98
		For Cement Mortar Lining (CML), Add	*316.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*568.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*237.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0235	EA	18" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,794.18	264.75
		For Cement Mortar Lining (CML), Add	*339.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*610.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*254.48*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0236	EA	18" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	4,058.63	271.75
		For Cement Mortar Lining (CML), Add	*364.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*656.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*273.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0237	EA	18" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	4,105.11	283.34
		For Cement Mortar Lining (CML), Add	*367.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*661.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*275.69*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0238	EA	18" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	4,149.10	299.65
		For Cement Mortar Lining (CML), Add	*369.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*665.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*277.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0239	EA	18" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	3,801.87	327.08
		For Cement Mortar Lining (CML), Add	*330.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*595.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*247.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0240	EA	20" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	3,922.29	359.90
		For Cement Mortar Lining (CML), Add	*337.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*607.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*253.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0241	EA	20" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	4,008.42	366.90
		For Cement Mortar Lining (CML), Add	*345.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*621.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*258.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0242	EA	20" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	4,397.82	373.67
		For Cement Mortar Lining (CML), Add	*383.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*689.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*287.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0243	EA	20" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	4,784.36	380.67
		For Cement Mortar Lining (CML), Add	*420.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*757.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*315.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0244	EA	20" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	4,834.05	392.26
		For Cement Mortar Lining (CML), Add	*423.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*763.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*317.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0245	EA	20" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	4,892.50	408.57
		For Cement Mortar Lining (CML), Add	*427.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*769.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*320.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0246	EA	20" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	5,663.45	436.00
		For Cement Mortar Lining (CML), Add	*500.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*900.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*375.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0247	EA	20" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	5,376.45	490.46
		For Cement Mortar Lining (CML), Add	*463.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*834.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*347.50*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0248	EA	24" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	4,772.82	468.49
		For Cement Mortar Lining (CML), Add	*406.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*731.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*304.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0249	EA	24" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	4,834.85	475.49
		For Cement Mortar Lining (CML), Add	*411.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*740.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*308.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0250	EA	24" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	5,376.86	482.26
		For Cement Mortar Lining (CML), Add	*464.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*836.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*348.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0251	EA	24" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	5,625.24	489.26
		For Cement Mortar Lining (CML), Add	*488.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*879.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*366.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0252	EA	24" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	6,484.65	500.85
		For Cement Mortar Lining (CML), Add	*572.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,030.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*429.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0253	EA	24" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	7,198.57	517.15
		For Cement Mortar Lining (CML), Add	*641.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,154.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*481.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0254	EA	24" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	8,049.85	544.59
		For Cement Mortar Lining (CML), Add	*722.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,300.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*541.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0255	EA	24" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	8,844.07	599.05
		For Cement Mortar Lining (CML), Add	*793.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,428.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*595.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0256	EA	24" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	7,866.01	653.35
		For Cement Mortar Lining (CML), Add	*687.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,237.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*515.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0257	EA	30" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	9,789.73	545.64
		For Cement Mortar Lining (CML), Add	*896.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,613.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*672.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0258	EA	30" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	10,966.71	552.66
		For Cement Mortar Lining (CML), Add	*1,012.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,823.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*759.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0259	EA	30" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	11,600.32	559.43
		For Cement Mortar Lining (CML), Add	*1,075.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,935.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*806.45*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0260	EA	30" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	12,234.27	566.42
		For Cement Mortar Lining (CML), Add	*1,137.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,047.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*853.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0261	EA	30" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	13,133.83	578.02
		For Cement Mortar Lining (CML), Add	*1,225.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,206.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*919.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0262	EA	30" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	14,103.20	594.32
		For Cement Mortar Lining (CML), Add	*1,320.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,376.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*990.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0263	EA	30" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	14,461.25	621.76
		For Cement Mortar Lining (CML), Add	*1,351.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,433.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,013.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0264	EA	30" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	14,985.59	676.23
		For Cement Mortar Lining (CML), Add	*1,396.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,512.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,047.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0265	EA	30" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	15,705.65	730.52
		For Cement Mortar Lining (CML), Add	*1,459.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,627.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,094.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0266	EA	30" x 30" Mechanical Joint Ductile Iron Wye (Lateral)	17,018.83	769.10
		For Cement Mortar Lining (CML), Add	*1,585.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,853.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,189.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0267	EA	36" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	18,639.60	626.85
		For Cement Mortar Lining (CML), Add	*1,768.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,184.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,326.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0268	EA	36" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	19,368.87	638.43
		For Cement Mortar Lining (CML), Add	*1,840.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,312.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,380.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0269	EA	36" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	20,095.63	654.74
		For Cement Mortar Lining (CML), Add	*1,910.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,438.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,432.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0270	EA	36" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	21,497.96	682.17
		For Cement Mortar Lining (CML), Add	*2,046.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,683.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,534.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0271	EA	36" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	22,946.06	736.64
		For Cement Mortar Lining (CML), Add	*2,182.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,929.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,637.25*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0272	EA	36" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	25,449.41	790.93
		For Cement Mortar Lining (CML), Add	*2,425.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,365.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,818.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0273	EA	36" x 30" Mechanical Joint Ductile Iron Wye (Lateral)	28,500.89	829.52
		For Cement Mortar Lining (CML), Add	*2,724.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,903.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,043.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0274	EA	36" x 36" Mechanical Joint Ductile Iron Wye (Lateral)	33,994.50	859.73
		For Cement Mortar Lining (CML), Add	*3,269.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,884.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,451.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0275	EA	42" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	29,915.07	770.42
		For Cement Mortar Lining (CML), Add	*2,874.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,174.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,156.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0276	EA	42" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	30,667.28	824.71
		For Cement Mortar Lining (CML), Add	*2,941.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,295.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,206.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0277	EA	42" x 30" Mechanical Joint Ductile Iron Wye (Lateral)	32,756.43	863.30
		For Cement Mortar Lining (CML), Add	*3,144.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,660.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,358.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0278	EA	42" x 36" Mechanical Joint Ductile Iron Wye (Lateral)	37,445.16	893.51
		For Cement Mortar Lining (CML), Add	*3,609.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6,496.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,706.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0279	EA	42" x 42" Mechanical Joint Ductile Iron Wye (Lateral)	44,144.39	910.39
		For Cement Mortar Lining (CML), Add	*4,276.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*7,697.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3,207.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0280	EA	48" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	29,521.08	824.23
		For Cement Mortar Lining (CML), Add	*2,827.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,089.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,120.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0281	EA	48" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	33,426.96	878.52
		For Cement Mortar Lining (CML), Add	*3,209.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,777.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,407.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0282	EA	48" x 30" Mechanical Joint Ductile Iron Wye (Lateral)	35,623.75	917.11
		For Cement Mortar Lining (CML), Add	*3,423.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6,162.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,567.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0283	EA	48" x 36" Mechanical Joint Ductile Iron Wye (Lateral)	40,593.62	947.32
		For Cement Mortar Lining (CML), Add	*3,915.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*7,048.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,936.87*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0284	EA	48" x 42" Mechanical Joint Ductile Iron Wye (Lateral)	53,037.92	964.20
		For Cement Mortar Lining (CML), Add	*5,157.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9,283.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3,868.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0285	EA	48" x 48" Mechanical Joint Ductile Iron Wye (Lateral)	58,219.68	991.11
		For Cement Mortar Lining (CML), Add	*5,671.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*10,209.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4,253.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0286		Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee *(33 14 13 13-0002)*		
33 14 13 13-0287	EA	6" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	483.06	104.68
		For Cement Mortar Lining (CML), Add	*32.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*58.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.34*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*24.34*	
33 14 13 13-0288	EA	8" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	573.05	119.49
		For Cement Mortar Lining (CML), Add	*39.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*70.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.40*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*29.40*	
33 14 13 13-0289	EA	10" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	859.70	126.31
		For Cement Mortar Lining (CML), Add	*66.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*120.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.12*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*50.12*	
33 14 13 13-0290	EA	12" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	966.06	140.30
		For Cement Mortar Lining (CML), Add	*75.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*135.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*56.51*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*56.51*	
33 14 13 13-0291	EA	14" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,314.46	163.48
		For Cement Mortar Lining (CML), Add	*106.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*192.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*80.01*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*80.01*	
33 14 13 13-0292	EA	16" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,677.16	196.10
		For Cement Mortar Lining (CML), Add	*138.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*248.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*103.50*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*103.50*	
33 14 13 13-0293	EA	18" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,060.71	250.97
		For Cement Mortar Lining (CML), Add	*168.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*302.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*126.03*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*126.03*	
33 14 13 13-0294	EA	20" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,889.27	359.90
		For Cement Mortar Lining (CML), Add	*234.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*421.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*175.80*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*175.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0295	EA	24" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,362.04	468.49
		For Cement Mortar Lining (CML), Add	*268.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*483.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*201.46*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*201.46*	
33 14 13 13-0296	EA	30" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	6,531.62	545.64
		For Cement Mortar Lining (CML), Add	*570.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,026.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*427.87*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*427.87*	

33 14 13 13-0297 Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee *(33 14 13 13-0002)*

33 14 13 13-0298	EA	6" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	434.86	104.68
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*27.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*49.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.72*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*20.72*	
33 14 13 13-0299	EA	8" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	508.79	119.49
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*32.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*58.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.58*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*24.58*	
33 14 13 13-0300	EA	10" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	718.32	126.31
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*52.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*94.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.52*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*39.52*	
33 14 13 13-0301	EA	12" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	887.34	140.30
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*67.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*121.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.61*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*50.61*	
33 14 13 13-0302	EA	14" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	1,115.24	163.48
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*86.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*156.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*65.07*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*65.07*	
33 14 13 13-0303	EA	16" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	1,407.25	196.10
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*111.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*199.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*83.26*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*83.26*	
33 14 13 13-0304	EA	18" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	1,818.12	250.97
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*143.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*258.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*107.84*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*107.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0305	EA	20" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland.	1,994.42	359.90
		For Cement Mortar Lining (CML), Add	*144.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*260.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*108.68*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*108.68*	
33 14 13 13-0306	EA	24" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland.	2,762.79	468.49
		For Cement Mortar Lining (CML), Add	*208.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*375.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*156.52*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*156.52*	
33 14 13 13-0307		**Mechanical Joint Ductile Iron Cross** *(33 14 13 13-0002)*		
33 14 13 13-0308	EA	3" x 3" Mechanical Joint Ductile Iron Cross	329.59	80.74
		For Cement Mortar Lining (CML), Add	*20.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*37.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0309	EA	4" x 3" Mechanical Joint Ductile Iron Cross	398.22	87.87
		For Cement Mortar Lining (CML), Add	*26.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*47.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0310	EA	4" x 4" Mechanical Joint Ductile Iron Cross	470.72	89.05
		For Cement Mortar Lining (CML), Add	*33.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*60.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0311	EA	6" x 3" Mechanical Joint Ductile Iron Cross	562.08	110.09
		For Cement Mortar Lining (CML), Add	*39.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*71.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0312	EA	6" x 4" Mechanical Joint Ductile Iron Cross	546.21	118.74
		For Cement Mortar Lining (CML), Add	*36.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*65.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0313	EA	6" x 6" Mechanical Joint Ductile Iron Cross	636.17	148.42
		For Cement Mortar Lining (CML), Add	*41.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*74.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0314	EA	8" x 4" Mechanical Joint Ductile Iron Cross	561.49	129.88
		For Cement Mortar Lining (CML), Add	*36.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*65.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0315	EA	8" x 6" Mechanical Joint Ductile Iron Cross	667.51	159.57
		For Cement Mortar Lining (CML), Add	*42.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*76.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0316	EA	8" x 8" Mechanical Joint Ductile Iron Cross	706.88	170.69
		For Cement Mortar Lining (CML), Add	*44.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*80.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.62*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0317	EA	10" x 4" Mechanical Joint Ductile Iron Cross	680.73	135.43
		For Cement Mortar Lining (CML), Add	*47.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*85.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0318	EA	10" x 6" Mechanical Joint Ductile Iron Cross	781.02	163.45
		For Cement Mortar Lining (CML), Add	*53.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*96.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0319	EA	10" x 8" Mechanical Joint Ductile Iron Cross	925.47	173.96
		For Cement Mortar Lining (CML), Add	*66.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*119.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*49.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0320	EA	10" x 10" Mechanical Joint Ductile Iron Cross	1,001.17	186.77
		For Cement Mortar Lining (CML), Add	*71.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*129.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0321	EA	12 x 4" Mechanical Joint Ductile Iron Cross	823.71	147.09
		For Cement Mortar Lining (CML), Add	*60.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*108.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0322	EA	12" x 6" Mechanical Joint Ductile Iron Cross	957.73	175.09
		For Cement Mortar Lining (CML), Add	*69.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*124.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*51.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0323	EA	12" x 8" Mechanical Joint Ductile Iron Cross	1,373.69	185.61
		For Cement Mortar Lining (CML), Add	*109.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*196.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*81.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0324	EA	12" x 10" Mechanical Joint Ductile Iron Cross	1,393.16	198.46
		For Cement Mortar Lining (CML), Add	*109.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*196.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*81.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0325	EA	12" x 12" Mechanical Joint Ductile Iron Cross	1,579.51	210.12
		For Cement Mortar Lining (CML), Add	*126.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*227.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*94.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0326	EA	14" x 6" Mechanical Joint Ductile Iron Cross	1,615.63	192.60
		For Cement Mortar Lining (CML), Add	*132.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*238.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*99.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0327	EA	14" x 8" Mechanical Joint Ductile Iron Cross	1,898.23	203.11
		For Cement Mortar Lining (CML), Add	*159.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*286.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*119.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0328	EA	14" x 10" Mechanical Joint Ductile Iron Cross	1,949.85	215.96
		For Cement Mortar Lining (CML), Add	*162.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*292.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*121.70*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0329	EA	14" x 12" Mechanical Joint Ductile Iron Cross	2,057.46	227.61
		For Cement Mortar Lining (CML), Add	*171.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*308.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*128.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0330	EA	14" x 14" Mechanical Joint Ductile Iron Cross	2,275.16	245.13
		For Cement Mortar Lining (CML), Add	*190.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*342.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*142.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0331	EA	16" x 6" Mechanical Joint Ductile Iron Cross	1,847.14	217.10
		For Cement Mortar Lining (CML), Add	*151.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*273.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*113.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0332	EA	16" x 8" Mechanical Joint Ductile Iron Cross	2,099.22	227.61
		For Cement Mortar Lining (CML), Add	*175.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*315.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*131.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0333	EA	16" x 10" Mechanical Joint Ductile Iron Cross	2,508.43	240.45
		For Cement Mortar Lining (CML), Add	*214.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*385.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*160.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0334	EA	16" x 12" Mechanical Joint Ductile Iron Cross	2,793.44	252.12
		For Cement Mortar Lining (CML), Add	*241.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*434.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*180.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0335	EA	16" x 14" Mechanical Joint Ductile Iron Cross	3,369.41	269.62
		For Cement Mortar Lining (CML), Add	*296.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*532.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*222.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0336	EA	16" x 16" Mechanical Joint Ductile Iron Cross	3,941.51	294.16
		For Cement Mortar Lining (CML), Add	*349.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*629.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*262.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0337	EA	18" x 6" Mechanical Joint Ductile Iron Cross	3,041.38	256.72
		For Cement Mortar Lining (CML), Add	*265.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*477.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*198.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0338	EA	18" x 8" Mechanical Joint Ductile Iron Cross	3,214.76	267.23
		For Cement Mortar Lining (CML), Add	*280.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*505.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*210.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0339	EA	18" x 10" Mechanical Joint Ductile Iron Cross	3,365.96	280.07
		For Cement Mortar Lining (CML), Add	*294.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*529.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*220.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0340	EA	18" x 12" Mechanical Joint Ductile Iron Cross	3,647.10	291.73
		For Cement Mortar Lining (CML), Add	*320.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*576.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*240.38*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0341	EA	18" x 14" Mechanical Joint Ductile Iron Cross	4,250.37	309.23
		For Cement Mortar Lining (CML), Add	*378.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*680.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*283.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0342	EA	18" x 16" Mechanical Joint Ductile Iron Cross	4,525.26	333.72
		For Cement Mortar Lining (CML), Add	*401.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*723.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*301.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0343	EA	18" x 18" Mechanical Joint Ductile Iron Cross	4,742.73	373.32
		For Cement Mortar Lining (CML), Add	*417.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*751.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*313.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0344	EA	20" x 6" Mechanical Joint Ductile Iron Cross	3,823.25	322.09
		For Cement Mortar Lining (CML), Add	*333.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*600.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*250.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0345	EA	20" x 8" Mechanical Joint Ductile Iron Cross	3,998.24	332.61
		For Cement Mortar Lining (CML), Add	*349.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*628.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*262.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0346	EA	20" x 10" Mechanical Joint Ductile Iron Cross	4,122.12	345.46
		For Cement Mortar Lining (CML), Add	*359.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*647.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*269.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0347	EA	20" x 12" Mechanical Joint Ductile Iron Cross	4,401.66	357.11
		For Cement Mortar Lining (CML), Add	*386.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*694.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*289.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0348	EA	20" x 14" Mechanical Joint Ductile Iron Cross	4,481.18	374.62
		For Cement Mortar Lining (CML), Add	*391.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*704.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*293.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0349	EA	20" x 16" Mechanical Joint Ductile Iron Cross	5,411.55	399.11
		For Cement Mortar Lining (CML), Add	*480.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*865.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*360.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0350	EA	20" x 18" Mechanical Joint Ductile Iron Cross	5,629.01	438.73
		For Cement Mortar Lining (CML), Add	*496.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*893.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*372.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0351	EA	20" x 20" Mechanical Joint Ductile Iron Cross	6,095.99	504.07
		For Cement Mortar Lining (CML), Add	*533.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*959.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*399.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0352	EA	24" x 6" Mechanical Joint Ductile Iron Cross	5,206.86	402.93
		For Cement Mortar Lining (CML), Add	*459.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*827.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*344.73*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0353	EA	24" x 8" Mechanical Joint Ductile Iron Cross	5,329.14	413.44
		For Cement Mortar Lining (CML), Add	*470.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*846.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*352.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0354	EA	24" x 10" Mechanical Joint Ductile Iron Cross	5,531.44	426.28
		For Cement Mortar Lining (CML), Add	*488.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*879.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*366.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0355	EA	24" x 12" Mechanical Joint Ductile Iron Cross	5,706.55	437.94
		For Cement Mortar Lining (CML), Add	*504.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*907.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*378.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0356	EA	24" x 14" Mechanical Joint Ductile Iron Cross	5,811.78	455.45
		For Cement Mortar Lining (CML), Add	*512.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*921.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*384.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0357	EA	24" x 16" Mechanical Joint Ductile Iron Cross	6,033.66	479.95
		For Cement Mortar Lining (CML), Add	*530.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*955.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*397.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0358	EA	24" x 18" Mechanical Joint Ductile Iron Cross	7,958.89	519.56
		For Cement Mortar Lining (CML), Add	*717.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,290.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*537.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0359	EA	24" x 20" Mechanical Joint Ductile Iron Cross	8,398.55	584.94
		For Cement Mortar Lining (CML), Add	*751.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,352.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*563.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0360	EA	24" x 24" Mechanical Joint Ductile Iron Cross	9,256.82	665.80
		For Cement Mortar Lining (CML), Add	*824.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,484.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*618.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0361	EA	30" x 8" Mechanical Joint Ductile Iron Cross	9,922.54	535.74
		For Cement Mortar Lining (CML), Add	*911.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,639.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*683.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0362	EA	30" x 10" Mechanical Joint Ductile Iron Cross	10,120.33	548.59
		For Cement Mortar Lining (CML), Add	*928.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,672.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*696.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0363	EA	30" x 12" Mechanical Joint Ductile Iron Cross	10,314.72	560.25
		For Cement Mortar Lining (CML), Add	*946.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,703.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*709.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0364	EA	30" x 14" Mechanical Joint Ductile Iron Cross	10,545.26	577.75
		For Cement Mortar Lining (CML), Add	*966.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,740.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*725.24*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0365	EA	30" x 16" Mechanical Joint Ductile Iron Cross	10,810.52	602.25
		For Cement Mortar Lining (CML), Add	*989.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,781.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*742.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0366	EA	30" x 18" Mechanical Joint Ductile Iron Cross	11,124.37	641.86
		For Cement Mortar Lining (CML), Add	*1,015.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,827.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*761.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0367	EA	30" x 20" Mechanical Joint Ductile Iron Cross	11,527.09	707.25
		For Cement Mortar Lining (CML), Add	*1,045.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,881.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*784.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0368	EA	30" x 24" Mechanical Joint Ductile Iron Cross	14,800.02	788.08
		For Cement Mortar Lining (CML), Add	*1,360.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,449.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,020.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0369	EA	30" x 30" Mechanical Joint Ductile Iron Cross	17,019.23	910.40
		For Cement Mortar Lining (CML), Add	*1,563.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,815.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,172.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0370	EA	36" x 8" Mechanical Joint Ductile Iron Cross	13,824.10	580.84
		For Cement Mortar Lining (CML), Add	*1,294.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,329.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*970.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0371	EA	36" x 10" Mechanical Joint Ductile Iron Cross	14,020.29	593.67
		For Cement Mortar Lining (CML), Add	*1,312.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,361.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*984.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0372	EA	36" x 12" Mechanical Joint Ductile Iron Cross	14,188.97	605.34
		For Cement Mortar Lining (CML), Add	*1,327.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,388.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*995.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0373	EA	36" x 14" Mechanical Joint Ductile Iron Cross	14,392.20	622.83
		For Cement Mortar Lining (CML), Add	*1,344.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,420.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,008.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0374	EA	36" x 16" Mechanical Joint Ductile Iron Cross	14,631.75	647.34
		For Cement Mortar Lining (CML), Add	*1,365.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,457.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,023.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0375	EA	36" x 18" Mechanical Joint Ductile Iron Cross	14,918.30	686.94
		For Cement Mortar Lining (CML), Add	*1,387.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,497.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,040.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0376	EA	36" x 20" Mechanical Joint Ductile Iron Cross	15,295.31	752.34
		For Cement Mortar Lining (CML), Add	*1,415.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,547.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,061.66*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0377	EA	36" x 24" Mechanical Joint Ductile Iron Cross	15,947.93	833.16
		For Cement Mortar Lining (CML), Add	*1,468.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,643.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,101.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0378	EA	36" x 30" Mechanical Joint Ductile Iron Cross	21,457.38	955.47
		For Cement Mortar Lining (CML), Add	*2,000.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,601.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,500.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0379	EA	36" x 36" Mechanical Joint Ductile Iron Cross	23,569.24	1,000.60
		For Cement Mortar Lining (CML), Add	*2,205.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,969.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,653.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0380	EA	42" x 12" Mechanical Joint Ductile Iron Cross	18,534.05	631.40
		For Cement Mortar Lining (CML), Add	*1,757.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,163.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,318.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0381	EA	42" x 14" Mechanical Joint Ductile Iron Cross	20,947.51	648.91
		For Cement Mortar Lining (CML), Add	*1,996.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,593.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,497.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0382	EA	42" x 16" Mechanical Joint Ductile Iron Cross	18,959.16	673.40
		For Cement Mortar Lining (CML), Add	*1,793.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,228.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,345.41*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0383	EA	42" x 18" Mechanical Joint Ductile Iron Cross	19,213.57	713.02
		For Cement Mortar Lining (CML), Add	*1,813.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,263.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,359.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0384	EA	42" x 20" Mechanical Joint Ductile Iron Cross	19,577.73	778.41
		For Cement Mortar Lining (CML), Add	*1,839.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,311.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,379.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0385	EA	42" x 24" Mechanical Joint Ductile Iron Cross	20,183.76	859.23
		For Cement Mortar Lining (CML), Add	*1,888.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3,398.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,416.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0386	EA	42" x 30" Mechanical Joint Ductile Iron Cross	25,824.97	981.54
		For Cement Mortar Lining (CML), Add	*2,433.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,380.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,825.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0387	EA	42" x 36" Mechanical Joint Ductile Iron Cross	33,693.13	1,026.63
		For Cement Mortar Lining (CML), Add	*3,213.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,784.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,410.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0388	EA	42" x 42" Mechanical Joint Ductile Iron Cross	36,097.47	1,052.70
		For Cement Mortar Lining (CML), Add	*3,450.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6,210.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,587.69*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0389	EA	48" x 12" Mechanical Joint Ductile Iron Cross	25,041.60	734.90
		For Cement Mortar Lining (CML), Add	*2,392.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,307.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,794.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0390	EA	48" x 14" Mechanical Joint Ductile Iron Cross	25,212.71	752.41
		For Cement Mortar Lining (CML), Add	*2,407.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,333.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,805.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0391	EA	48" x 16" Mechanical Joint Ductile Iron Cross	25,442.61	776.90
		For Cement Mortar Lining (CML), Add	*2,426.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,367.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,819.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0392	EA	48" x 18" Mechanical Joint Ductile Iron Cross	25,695.41	816.52
		For Cement Mortar Lining (CML), Add	*2,445.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,402.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,834.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0393	EA	48" x 20" Mechanical Joint Ductile Iron Cross	26,037.09	881.90
		For Cement Mortar Lining (CML), Add	*2,470.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,446.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,852.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0394	EA	48" x 24" Mechanical Joint Ductile Iron Cross	26,617.42	962.73
		For Cement Mortar Lining (CML), Add	*2,515.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,528.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,886.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0395	EA	48" x 30" Mechanical Joint Ductile Iron Cross	28,179.56	1,085.05
		For Cement Mortar Lining (CML), Add	*2,653.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4,776.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1,990.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0396	EA	48" x 36" Mechanical Joint Ductile Iron Cross	34,500.60	1,130.12
		For Cement Mortar Lining (CML), Add	*3,278.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5,901.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2,459.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0397	EA	48" x 42" Mechanical Joint Ductile Iron Cross	44,319.22	1,156.19
		For Cement Mortar Lining (CML), Add	*4,256.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*7,662.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3,192.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0398	EA	48" x 48" Mechanical Joint Ductile Iron Cross	47,203.98	1,259.64
		For Cement Mortar Lining (CML), Add	*4,529.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*8,153.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3,397.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0399		**Mechanical Joint x Mechanical Joint Ductile Iron Reducers** *(33 14 13 13-0002)*		
33 14 13 13-0400	EA	4" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	159.75	43.93
		For Cement Mortar Lining (CML), Add	*9.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0401	EA	6" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	186.26	55.06
		For Cement Mortar Lining (CML), Add	*10.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.71*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0402	EA	6" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	201.29	58.62
		For Cement Mortar Lining (CML), Add	*11.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0403	EA	8" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	254.41	66.06
		For Cement Mortar Lining (CML), Add	*15.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*27.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0404	EA	8" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	280.81	77.18
		For Cement Mortar Lining (CML), Add	*16.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*29.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0405	EA	10" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	305.53	69.11
		For Cement Mortar Lining (CML), Add	*20.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*36.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0406	EA	10" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	332.69	79.61
		For Cement Mortar Lining (CML), Add	*21.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*38.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0407	EA	10" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	364.19	86.61
		For Cement Mortar Lining (CML), Add	*23.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*41.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0408	EA	12" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	369.15	76.10
		For Cement Mortar Lining (CML), Add	*25.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*45.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0409	EA	12" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	410.77	86.61
		For Cement Mortar Lining (CML), Add	*27.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0410	EA	12" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	429.42	93.62
		For Cement Mortar Lining (CML), Add	*28.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*51.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0411	EA	12" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	470.20	100.39
		For Cement Mortar Lining (CML), Add	*31.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*57.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0412	EA	14" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	768.92	98.20
		For Cement Mortar Lining (CML), Add	*62.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*111.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0413	EA	14" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	747.41	105.22
		For Cement Mortar Lining (CML), Add	*58.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*105.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.10*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0414	EA	14" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	670.91	111.98
		For Cement Mortar Lining (CML), Add	*50.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*90.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0415	EA	14" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	705.63	118.98
		For Cement Mortar Lining (CML), Add	*52.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*94.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0416	EA	16" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	902.88	114.50
		For Cement Mortar Lining (CML), Add	*72.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*131.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*54.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0417	EA	16" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	886.19	121.52
		For Cement Mortar Lining (CML), Add	*70.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*126.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0418	EA	16" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	870.73	128.29
		For Cement Mortar Lining (CML), Add	*67.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*121.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0419	EA	16" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	944.00	135.29
		For Cement Mortar Lining (CML), Add	*73.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*133.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*55.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0420	EA	16" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,049.93	146.88
		For Cement Mortar Lining (CML), Add	*82.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*148.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*62.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0421	EA	18" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,126.96	148.95
		For Cement Mortar Lining (CML), Add	*90.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*162.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*67.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0422	EA	18" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,262.53	155.72
		For Cement Mortar Lining (CML), Add	*102.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*184.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*76.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0423	EA	18" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,218.52	162.72
		For Cement Mortar Lining (CML), Add	*97.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*174.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*72.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0424	EA	18" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,292.31	174.32
		For Cement Mortar Lining (CML), Add	*102.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*185.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*77.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0425	EA	18" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,362.00	190.63
		For Cement Mortar Lining (CML), Add	*107.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*193.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*80.49*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0426	EA	20" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,590.24	203.42
		For Cement Mortar Lining (CML), Add	*128.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*230.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*96.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0427	EA	20" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,526.58	210.18
		For Cement Mortar Lining (CML), Add	*120.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*217.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*90.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0428	EA	20" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,410.27	217.18
		For Cement Mortar Lining (CML), Add	*108.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*194.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*81.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0429	EA	20" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,419.81	228.78
		For Cement Mortar Lining (CML), Add	*107.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*193.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*80.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0430	EA	20" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,467.01	245.09
		For Cement Mortar Lining (CML), Add	*109.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*197.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*82.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0431	EA	20" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,757.60	272.52
		For Cement Mortar Lining (CML), Add	*134.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*242.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*100.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0432	EA	24" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,067.69	271.47
		For Cement Mortar Lining (CML), Add	*165.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*298.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*124.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0433	EA	24" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,127.02	283.07
		For Cement Mortar Lining (CML), Add	*169.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*305.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*127.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0434	EA	24" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,174.23	299.37
		For Cement Mortar Lining (CML), Add	*172.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*309.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*129.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0435	EA	24" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,140.28	326.80
		For Cement Mortar Lining (CML), Add	*164.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*296.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*123.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0436	EA	24" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,614.81	381.27
		For Cement Mortar Lining (CML), Add	*203.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*366.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*152.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0437	EA	30" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,247.31	337.96
		For Cement Mortar Lining (CML), Add	*373.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*672.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*280.14*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0438	EA	30" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,436.69	365.40
		For Cement Mortar Lining (CML), Add	*388.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*698.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*291.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0439	EA	30" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,303.92	419.85
		For Cement Mortar Lining (CML), Add	*366.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*660.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*275.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0440	EA	30" x 24" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,211.07	474.15
		For Cement Mortar Lining (CML), Add	*349.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*628.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*261.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0441	EA	36" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	6,364.32	450.06
		For Cement Mortar Lining (CML), Add	*568.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,022.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*426.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0442	EA	36" x 24" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,275.40	504.35
		For Cement Mortar Lining (CML), Add	*451.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*812.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*338.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0443	EA	36" x 30" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,729.07	542.94
		For Cement Mortar Lining (CML), Add	*490.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*883.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*367.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0444	EA	42" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	8,256.35	385.05
		For Cement Mortar Lining (CML), Add	*767.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,381.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*575.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0445	EA	42" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	8,227.23	412.48
		For Cement Mortar Lining (CML), Add	*760.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,368.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*570.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0446	EA	42" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	8,284.04	466.95
		For Cement Mortar Lining (CML), Add	*757.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,363.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*568.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0447	EA	42" x 24" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	9,245.10	521.25
		For Cement Mortar Lining (CML), Add	*845.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,521.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*634.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0448	EA	42" x 30" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	7,635.95	559.82
		For Cement Mortar Lining (CML), Add	*678.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,221.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*509.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0449	EA	42" x 36" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	7,993.39	590.04
		For Cement Mortar Lining (CML), Add	*709.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,277.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*532.45*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0450	EA	48" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	11,115.03	411.96
		For Cement Mortar Lining (CML), Add	*1,049.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,888.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*786.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0451	EA	48" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	10,780.65	439.39
		For Cement Mortar Lining (CML), Add	*1,011.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,820.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*758.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0452	EA	48" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	10,284.81	493.86
		For Cement Mortar Lining (CML), Add	*953.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,716.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*715.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0453	EA	48" x 24" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	10,609.66	548.15
		For Cement Mortar Lining (CML), Add	*977.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,760.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*733.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0454	EA	48" x 30" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	12,671.51	586.73
		For Cement Mortar Lining (CML), Add	*1,178.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,120.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*883.69*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0455	EA	48" x 36" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	11,109.11	616.95
		For Cement Mortar Lining (CML), Add	*1,017.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,831.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*763.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0456	EA	48" x 42" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	12,191.81	633.83
		For Cement Mortar Lining (CML), Add	*1,123.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*2,021.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*842.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0457		**Mechanical Joint x Plain End Ductile Iron Offsets** *(33 14 13 13-0002)*		
33 14 13 13-0458	EA	4" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	748.08	163.27
		For Cement Mortar Lining (CML), Add	*50.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0459	EA	4" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	768.20	163.27
		For Cement Mortar Lining (CML), Add	*52.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0460	EA	6" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	925.63	204.09
		For Cement Mortar Lining (CML), Add	*61.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0461	EA	6" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	1,008.60	204.09
		For Cement Mortar Lining (CML), Add	*69.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0462	EA	6" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	1,112.77	204.09
		For Cement Mortar Lining (CML), Add	*80.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0463	EA	8" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	1,171.82	233.21
		For Cement Mortar Lining (CML), Add	*81.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*61.38*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0464	EA	8" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	1,380.26	233.21
		For Cement Mortar Lining (CML), Add	*102.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*77.02*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0465	EA	8" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	1,471.21	233.21
		For Cement Mortar Lining (CML), Add	*111.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*83.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0466	EA	10" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	1,530.12	272.11
		For Cement Mortar Lining (CML), Add	*111.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*83.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0467	EA	10" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	1,825.95	272.11
		For Cement Mortar Lining (CML), Add	*141.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*106.02*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0468	EA	10" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	2,079.63	272.11
		For Cement Mortar Lining (CML), Add	*166.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*125.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0469	EA	12" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	2,161.03	296.85
		For Cement Mortar Lining (CML), Add	*171.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*128.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0470	EA	12" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	2,384.23	296.85
		For Cement Mortar Lining (CML), Add	*193.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*145.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0471	EA	12" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	2,815.92	296.85
		For Cement Mortar Lining (CML), Add	*236.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*177.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0472	EA	14" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	3,530.37	326.54
		For Cement Mortar Lining (CML), Add	*303.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*227.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0473	EA	14" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	4,423.20	326.54
		For Cement Mortar Lining (CML), Add	*392.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*294.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0474	EA	14" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	2,615.22	326.54
		For Cement Mortar Lining (CML), Add	*212.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*159.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0475	EA	16" Diameter x 6" Mechanical Joint x Plain End Offset, Ductile Iron	2,186.58	362.86
		For Cement Mortar Lining (CML), Add	*163.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*122.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0476	EA	16" Diameter x 12" Mechanical Joint x Plain End Offset, Ductile Iron	2,707.40	362.86
		For Cement Mortar Lining (CML), Add	*215.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*161.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0477	EA	16" Diameter x 18" Mechanical Joint x Plain End Offset, Ductile Iron	3,116.61	362.86
		For Cement Mortar Lining (CML), Add	*256.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*192.52*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0478 Mechanical Joint Ductile Iron Caps *(33 14 13 13-0002)*

33 14 13 13-0479	EA	3" Mechanical Joint Ductile Iron Caps	182.33	92.76
		For Cement Mortar Lining (CML), Add	*4.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*7.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.13*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0480	EA	4" Mechanical Joint Ductile Iron Caps	208.30	108.85
		For Cement Mortar Lining (CML), Add	*4.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*7.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0481	EA	6" Mechanical Joint Ductile Iron Caps	283.26	136.05
		For Cement Mortar Lining (CML), Add	*7.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*13.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0482	EA	8" Mechanical Joint Ductile Iron Caps	364.12	155.51
		For Cement Mortar Lining (CML), Add	*12.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*23.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0483	EA	10" Mechanical Joint Ductile Iron Caps	515.99	233.47
		For Cement Mortar Lining (CML), Add	*16.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*29.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0484	EA	12" Mechanical Joint Ductile Iron Caps	628.48	254.69
		For Cement Mortar Lining (CML), Add	*24.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*43.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0485	EA	14" Mechanical Joint Ductile Iron Caps	792.38	280.16
		For Cement Mortar Lining (CML), Add	*36.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*66.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0486	EA	16" Mechanical Joint Ductile Iron Caps	964.86	311.25
		For Cement Mortar Lining (CML), Add	*49.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*88.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*36.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0487	EA	18" Mechanical Joint Ductile Iron Caps	1,133.06	350.20
		For Cement Mortar Lining (CML), Add	*60.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*108.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0488	EA	20" Mechanical Joint Ductile Iron Caps	1,385.58	400.18
		For Cement Mortar Lining (CML), Add	*77.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*140.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*58.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0489	EA	24" Mechanical Joint Ductile Iron Caps	1,777.43	466.92
		For Cement Mortar Lining (CML), Add	*107.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*192.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*80.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0490	EA	30" Mechanical Joint Ductile Iron Caps	3,295.75	560.31
		For Cement Mortar Lining (CML), Add	*244.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*440.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*183.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0491	EA	36" Mechanical Joint Ductile Iron Caps	5,511.37	700.39
		For Cement Mortar Lining (CML), Add	*445.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*801.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*333.76*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0492	EA	42" Mechanical Joint Ductile Iron Caps	8,022.59	840.47
		For Cement Mortar Lining (CML), Add	*674.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,214.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*506.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0493	EA	48" Mechanical Joint Ductile Iron Caps	9,547.34	933.86
		For Cement Mortar Lining (CML), Add	*813.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,463.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*609.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0494		**Mechanical Joint Ductile Iron Plug** *(33 14 13 13-0002)*		
33 14 13 13-0495	EA	3" Mechanical Joint Ductile Iron Plug	188.76	92.76
		For Cement Mortar Lining (CML), Add	*4.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*8.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0496	EA	4" Mechanical Joint Ductile Iron Plug	217.94	108.85
		For Cement Mortar Lining (CML), Add	*5.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0497	EA	6" Mechanical Joint Ductile Iron Plug	308.97	136.05
		For Cement Mortar Lining (CML), Add	*10.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0498	EA	8" Mechanical Joint Ductile Iron Plug	389.83	155.51
		For Cement Mortar Lining (CML), Add	*15.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*27.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0499	EA	10" Mechanical Joint Ductile Iron Plug	620.42	233.47
		For Cement Mortar Lining (CML), Add	*26.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*48.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0500	EA	12" Mechanical Joint Ductile Iron Plug	657.40	254.69
		For Cement Mortar Lining (CML), Add	*27.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*48.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0501	EA	14" Mechanical Joint Ductile Iron Plug	977.14	280.16
		For Cement Mortar Lining (CML), Add	*55.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*99.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*41.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0502	EA	16" Mechanical Joint Ductile Iron Plug	542.34	311.25
		For Cement Mortar Lining (CML), Add	*7.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*12.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0503	EA	18" Mechanical Joint Ductile Iron Plug	1,407.78	350.20
		For Cement Mortar Lining (CML), Add	*87.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*157.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*65.79*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0504	EA	20" Mechanical Joint Ductile Iron Plug	1,759.91	400.18
		For Cement Mortar Lining (CML), Add	*115.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*207.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*86.51*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0505	EA	24" Mechanical Joint Ductile Iron Plug	2,307.59	466.92
		For Cement Mortar Lining (CML), Add	*160.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*288.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*120.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0506	EA	30" Mechanical Joint Ductile Iron Plug	4,025.13	560.31
		For Cement Mortar Lining (CML), Add	*317.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*571.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*238.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0507	EA	36" Mechanical Joint Ductile Iron Plug	5,967.63	700.39
		For Cement Mortar Lining (CML), Add	*490.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*883.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*367.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0508	EA	42" Mechanical Joint Ductile Iron Plug	8,080.42	840.47
		For Cement Mortar Lining (CML), Add	*680.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,225.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*510.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0509	EA	48" Mechanical Joint Ductile Iron Plug	10,488.78	933.86
		For Cement Mortar Lining (CML), Add	*907.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,633.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*680.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0510		Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters *(33 14 13 13-0002)*		
33 14 13 13-0511	EA	3" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	318.07	141.00
		For Cement Mortar Lining (CML), Add	*10.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0512	EA	4" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	359.84	163.27
		For Cement Mortar Lining (CML), Add	*11.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0513	EA	6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	465.06	204.09
		For Cement Mortar Lining (CML), Add	*15.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.69*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0514	EA	8" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	589.55	233.21
		For Cement Mortar Lining (CML), Add	*23.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0515	EA	10" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	941.88	350.20
		For Cement Mortar Lining (CML), Add	*41.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*74.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0516	EA	12" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,105.79	382.03
		For Cement Mortar Lining (CML), Add	*52.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*94.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0517	EA	14" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,473.74	420.23
		For Cement Mortar Lining (CML), Add	*83.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*150.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*62.78*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0518	EA	16" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,663.36	466.92
		For Cement Mortar Lining (CML), Add	*95.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*172.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.69*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0519	EA	18" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,257.87	525.29
		For Cement Mortar Lining (CML), Add	*146.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*263.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*109.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0520	EA	20" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,651.11	600.32
		For Cement Mortar Lining (CML), Add	*174.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*313.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*130.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0521	EA	24" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,205.96	700.39
		For Cement Mortar Lining (CML), Add	*214.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*386.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*160.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0522	EA	30" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	5,220.75	840.47
		For Cement Mortar Lining (CML), Add	*394.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*710.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*296.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0523	EA	36" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	7,248.50	1,050.59
		For Cement Mortar Lining (CML), Add	*565.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,018.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*424.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0524	EA	42" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	9,705.80	1,200.63
		For Cement Mortar Lining (CML), Add	*788.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,419.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*591.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0525	EA	48" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	11,999.52	1,400.78
		For Cement Mortar Lining (CML), Add	*987.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,777.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*740.78*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0526 Mechanical Joint Ductile Iron Long Sleeves *(33 14 13 13-0002)*

33 14 13 13-0527	EA	3" Mechanical Joint Ductile Iron Long Sleeves	302.00	141.00
		For Cement Mortar Lining (CML), Add	*8.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*15.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0528	EA	4" Mechanical Joint Ductile Iron Long Sleeves	351.81	163.27
		For Cement Mortar Lining (CML), Add	*10.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0529	EA	6" Mechanical Joint Ductile Iron Long Sleeves	484.34	204.09
		For Cement Mortar Lining (CML), Add	*17.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0530	EA	8" Mechanical Joint Ductile Iron Long Sleeves	640.96	233.21
		For Cement Mortar Lining (CML), Add	*28.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*51.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.57*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0531	EA	10" Mechanical Joint Ductile Iron Long Sleeves	872.80	350.20
		For Cement Mortar Lining (CML), Add	*34.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*61.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0532	EA	12" Mechanical Joint Ductile Iron Long Sleeves	1,041.53	382.03
		For Cement Mortar Lining (CML), Add	*46.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*83.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*34.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0533	EA	14" Mechanical Joint Ductile Iron Long Sleeves	1,335.57	420.23
		For Cement Mortar Lining (CML), Add	*69.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*125.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.41*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0534	EA	16" Mechanical Joint Ductile Iron Long Sleeves	1,592.67	466.92
		For Cement Mortar Lining (CML), Add	*88.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*159.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*66.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0535	EA	18" Mechanical Joint Ductile Iron Long Sleeves	1,928.52	525.29
		For Cement Mortar Lining (CML), Add	*113.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*203.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*84.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0536	EA	20" Mechanical Joint Ductile Iron Long Sleeves	2,276.78	600.32
		For Cement Mortar Lining (CML), Add	*136.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*246.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*102.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0537	EA	24" Mechanical Joint Ductile Iron Long Sleeves	2,862.15	700.39
		For Cement Mortar Lining (CML), Add	*180.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*324.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*135.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0538	EA	30" Mechanical Joint Ductile Iron Long Sleeves	5,045.63	840.47
		For Cement Mortar Lining (CML), Add	*377.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*679.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*282.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0539	EA	36" Mechanical Joint Ductile Iron Long Sleeves	6,888.63	1,050.59
		For Cement Mortar Lining (CML), Add	*529.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*953.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*397.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0540	EA	42" Mechanical Joint Ductile Iron Long Sleeves	8,902.04	1,199.26
		For Cement Mortar Lining (CML), Add	*708.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,275.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*531.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0541	EA	48" Mechanical Joint Ductile Iron Long Sleeves	12,075.03	1,400.78
		For Cement Mortar Lining (CML), Add	*995.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,791.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*746.45*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0542 Mechanical Joint Ductile Iron Gland Packs *(33 14 13 13-0002)*

Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts.

33 14 13 13-0543 Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts *(33 14 13 13-0542)*

Note: Labor installation is included with pipe fittings or valves.

33 14 13 13-0544	EA	3" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	32.13
33 14 13 13-0545	EA	4" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	70.19

Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0546	EA	6" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	84.82	
33 14 13 13-0547	EA	8" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	99.44	
33 14 13 13-0548	EA	10" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	137.46	
33 14 13 13-0549	EA	12" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	146.24	
33 14 13 13-0550	EA	14" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	239.83	
33 14 13 13-0551	EA	16" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	254.45	
33 14 13 13-0552	EA	18" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	339.27	
33 14 13 13-0553	EA	20" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	438.71	
33 14 13 13-0554	EA	24" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	611.27	
33 14 13 13-0555	EA	30" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty (20) 1" diameter plain finish Boltss with nut.	1,459.44	
33 14 13 13-0556	EA	36" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty-four (24) 1" diameter plain finish Boltss with nut.	3,147.00	
33 14 13 13-0557	EA	42" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty-eight (28) 1-1/4" diameter plain finish Boltss with nut.	4,594.74	
33 14 13 13-0558	EA	48" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes thirty-two (32) 1-1/4" diameter plain finish Boltss with nut.	5,638.86	

33 14 13 13-0559 Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts *(33 14 13 13-0542)*

Note: Labor installation is included with pipe fittings or valves.

33 14 13 13-0560	EA	3" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts	54.62	
33 14 13 13-0561	EA	4" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	99.44	
33 14 13 13-0562	EA	6" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	125.76	
33 14 13 13-0563	EA	8" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	137.46	
33 14 13 13-0564	EA	10" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	190.11	
33 14 13 13-0565	EA	12" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	198.88	
33 14 13 13-0566	EA	14" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	301.25	
33 14 13 13-0567	EA	16" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	330.49	
33 14 13 13-0568	EA	18" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	438.71	
33 14 13 13-0569	EA	20" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	567.40	
33 14 13 13-0570	EA	24" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	792.60	

33 14 13 13-0571 Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts *(33 14 13 13-0542)*

Note: Labor installation is included with pipe fittings or valves.

33 14 13 13-0572	EA	3" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	35.34	
33 14 13 13-0573	EA	4" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	76.04	
33 14 13 13-0574	EA	6" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	90.67	
33 14 13 13-0575	EA	8" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	108.21	
33 14 13 13-0576	EA	10" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	149.16	
33 14 13 13-0577	EA	12" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	157.93	
33 14 13 13-0578	EA	14" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	260.30	
33 14 13 13-0579	EA	16" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	274.92	
33 14 13 13-0580	EA	18" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	371.44	
33 14 13 13-0581	EA	20" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	476.73	
33 14 13 13-0582	EA	24" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	666.84	
33 14 13 13-0583	EA	30" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty (20) 1" diameter plain finish Boltss with nut.	1,596.90	
33 14 13 13-0584	EA	36" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty-four (24) 1" diameter plain finish Boltss with nut.	3,538.91	
33 14 13 13-0585	EA	42" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty-eight (28) 1-1/4" diameter plain finish Boltss with nut.	5,124.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0586	EA	48" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes thirty-two (32) 1-1/4" diameter plain finish Boltss with nut.	6,305.70	
33 14 13 13-0587		Mechanical Joint Restraints With Accessories For Ductile Iron Pipe (MEGALUG® 1100DEC Series) *(33 14 13 13-0002)* Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts and bolts. Excludes pipe and fitting.		
33 14 13 13-0588	EA	3" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1103DSC)	199.18	70.72
33 14 13 13-0589	EA	4" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1104DEC)	226.87	83.77
33 14 13 13-0590	EA	6" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1106DEC)	281.47	103.68
33 14 13 13-0591	EA	8" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1108DEC)	352.11	120.99
33 14 13 13-0592	EA	10" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1110DEC)	506.57	175.09
33 14 13 13-0593	EA	12" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1112DEC)	626.63	200.14
33 14 13 13-0594	EA	14" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1114DEC)	732.04	215.43
33 14 13 13-0595	EA	16" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1116DEC)	906.39	233.47
33 14 13 13-0596	EA	18" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1118DEC)	1,165.64	280.16
33 14 13 13-0597	EA	20" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1120DEC)	1,378.41	311.15
33 14 13 13-0598	EA	24" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1124DEC)	1,796.06	359.00
33 14 13 13-0599	EA	30" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1130DEC)	3,522.40	430.52
33 14 13 13-0600	EA	36" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1136DEC)	4,348.87	538.77
33 14 13 13-0601	EA	42" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1142DEC)	6,441.41	621.65
33 14 13 13-0602	EA	48" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1148DEC)	8,248.48	799.50
33 14 13 13-0603		Mechanical Joint Ductile Iron Force Balanced Flexible Expansion Joint (FLEX-TEND®) *(33 14 13 13-0002)*		
33 14 13 13-0604	EA	3" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	4,423.23	57.88
33 14 13 13-0605	EA	4" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	4,604.13	72.36
33 14 13 13-0606	EA	6" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	6,680.80	106.93
33 14 13 13-0607	EA	8" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	9,081.28	126.83
33 14 13 13-0608	EA	10" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	11,448.30	139.76
33 14 13 13-0609	EA	12" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	15,272.82	163.96
33 14 13 13-0610	EA	14" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	18,816.86	183.85
33 14 13 13-0611	EA	16" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	22,262.32	210.12
33 14 13 13-0612	EA	18" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	25,090.55	294.16
33 14 13 13-0613	EA	20" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	33,758.68	367.70
33 14 13 13-0614	EA	24" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	46,779.36	490.27
33 14 13 13-0615		Set Screw Flange Adapter For Ductile Iron Pipe (E-Z Flange 1000DSM Series) *(33 14 13 13-0002)* Note: Includes machined bolts and gasket.		
33 14 13 13-0616	EA	3" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1003DSM)	197.70	70.72
33 14 13 13-0617	EA	4" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1004DSM)	254.42	83.77
33 14 13 13-0618	EA	6" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1006DSM)	329.25	103.68
33 14 13 13-0619	EA	8" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1008DSM)	375.52	120.99
33 14 13 13-0620	EA	10" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1010DSM)	662.10	185.53
33 14 13 13-0621	EA	12" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1012DSM)	749.14	212.07
33 14 13 13-0622		Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 2100 Series) *(33 14 13 13-0002)* Note: Includes nuts, bolts and gasket.		
33 14 13 13-0623	EA	3" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210300))	291.29	70.72
33 14 13 13-0624	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210400)	362.70	83.77
33 14 13 13-0625	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210600)	503.34	103.68
33 14 13 13-0626	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210800)	730.53	120.99
33 14 13 13-0627	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211000)	1,057.36	185.53
33 14 13 13-0628	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211200)	1,316.45	212.07
33 14 13 13-0629	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211400)	2,037.85	228.26
33 14 13 13-0630	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211600)	2,862.94	247.38
33 14 13 13-0631	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211800)	3,236.54	296.85
33 14 13 13-0632	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212000)	3,575.02	329.68
33 14 13 13-0633	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212400)	4,326.68	380.39
33 14 13 13-0634	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213000)	5,569.72	456.18
33 14 13 13-0635	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213600)	8,329.71	570.88
33 14 13 13-0636	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214200)	21,807.01	658.70
33 14 13 13-0637	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214800)	27,931.33	847.15
33 14 13 13-0638		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Piping *(33 14 13 13-0001)* Note: . See CSI section 33 14 13 13-0542 for bolts and gaskets.		
33 14 13 13-0639		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0638)*		
33 14 13 13-0640	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	403.37	40.36
33 14 13 13-0641	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	482.76	48.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0642	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	748.97	70.84
33 14 13 13-0643	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,023.02	84.34
33 14 13 13-0644	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,400.68	93.39
33 14 13 13-0645	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,775.31	109.30
33 14 13 13-0646	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	2,521.64	123.10
33 14 13 13-0647	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	3,059.06	140.08
33 14 13 13-0648	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	3,698.19	196.32
33 14 13 13-0649	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	4,609.50	245.13
33 14 13 13-0650	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	6,516.04	326.85
33 14 13 13-0651	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	10,422.19	350.20
33 14 13 13-0652	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	15,340.78	363.99
33 14 13 13-0653	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	25,263.68	420.23
33 14 13 13-0654	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	33,041.51	446.77
33 14 13 13-0655		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow** *(33 14 13 13-0638)*		
33 14 13 13-0656	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	385.70	40.36
33 14 13 13-0657	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	452.24	48.36
33 14 13 13-0658	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	695.95	70.84
33 14 13 13-0659	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	941.09	84.34
33 14 13 13-0660	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,227.17	93.39
33 14 13 13-0661	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,619.48	109.30
33 14 13 13-0662	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,187.47	123.10
33 14 13 13-0663	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,618.87	140.08
33 14 13 13-0664	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	3,098.94	196.32
33 14 13 13-0665	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	3,762.84	245.13
33 14 13 13-0666	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	4,959.28	326.85
33 14 13 13-0667	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	9,109.63	350.20
33 14 13 13-0668	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	12,588.74	363.99
33 14 13 13-0669	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	18,699.27	420.23
33 14 13 13-0670	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	23,932.32	446.77
33 14 13 13-0671		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow** *(33 14 13 13-0638)*		
33 14 13 13-0672	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	300.55	40.36
33 14 13 13-0673	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	447.42	48.36
33 14 13 13-0674	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	676.67	70.84
33 14 13 13-0675	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	934.66	84.34
33 14 13 13-0676	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,225.57	93.39
33 14 13 13-0677	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,526.30	109.30
33 14 13 13-0678	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,200.33	123.10
33 14 13 13-0679	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,561.03	140.08
33 14 13 13-0680	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	3,084.48	196.32
33 14 13 13-0681	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	3,896.18	245.13
33 14 13 13-0682	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	4,853.25	326.85
33 14 13 13-0683	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	8,108.74	350.20
33 14 13 13-0684	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	11,062.51	363.99
33 14 13 13-0685	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	15,825.14	420.23
33 14 13 13-0686	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	20,258.11	446.77
33 14 13 13-0687		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow** *(33 14 13 13-0638)*		
33 14 13 13-0688	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	300.55	40.36
33 14 13 13-0689	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	535.78	48.36
33 14 13 13-0690	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	683.10	70.84
33 14 13 13-0691	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	905.75	84.34
33 14 13 13-0692	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,222.35	93.39
33 14 13 13-0693	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,482.92	109.30
33 14 13 13-0694	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,369.02	123.10
33 14 13 13-0695	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,639.75	140.08
33 14 13 13-0696	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	3,540.74	196.32
33 14 13 13-0697	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	3,758.02	245.13
33 14 13 13-0698	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	4,854.85	326.85
33 14 13 13-0699	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	8,214.78	350.20
33 14 13 13-0700	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	10,758.87	363.99
33 14 13 13-0701	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	15,391.37	420.23
33 14 13 13-0702	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	20,142.44	446.77
33 14 13 13-0703		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow** *(33 14 13 13-0638)*		
33 14 13 13-0704	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	353.56	40.36
33 14 13 13-0705	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	519.71	48.36
33 14 13 13-0706	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	810.02	70.84

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0707	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,100.14	84.34
33 14 13 13-0708	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,513.14	93.39
33 14 13 13-0709	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,899.02	109.30
33 14 13 13-0710	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,410.07	123.10
33 14 13 13-0711	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	5,319.49	140.08
33 14 13 13-0712	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	6,080.72	196.32
33 14 13 13-0713	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	7,009.70	245.13
33 14 13 13-0714	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	7,582.79	326.85

33 14 13 13-0715 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow *(33 14 13 13-0638)*

33 14 13 13-0716	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	353.56	40.36
33 14 13 13-0717	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	458.65	48.36
33 14 13 13-0718	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	721.66	70.84
33 14 13 13-0719	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,019.81	84.34
33 14 13 13-0720	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,350.88	93.39
33 14 13 13-0721	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,757.64	109.30
33 14 13 13-0722	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,341.69	123.10
33 14 13 13-0723	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,813.26	140.08
33 14 13 13-0724	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	5,261.36	196.32
33 14 13 13-0725	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	5,522.02	245.13
33 14 13 13-0726	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	5,754.53	326.85

33 14 13 13-0727 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee *(33 14 13 13-0638)*

33 14 13 13-0728	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	498.21	60.56
33 14 13 13-0729	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	543.65	68.28
33 14 13 13-0730	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	573.85	70.84
33 14 13 13-0731	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	817.23	89.80
33 14 13 13-0732	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	885.50	93.33
33 14 13 13-0733	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	934.50	104.58
33 14 13 13-0734	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,086.35	107.95
33 14 13 13-0735	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,175.51	119.19
33 14 13 13-0736	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,292.79	127.06
33 14 13 13-0737	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,455.88	115.67
33 14 13 13-0738	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,454.13	126.29
33 14 13 13-0739	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,575.60	133.71
33 14 13 13-0740	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,699.91	140.08
33 14 13 13-0741	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,751.82	129.47
33 14 13 13-0742	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,767.73	140.08
33 14 13 13-0743	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,911.69	147.51
33 14 13 13-0744	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,203.10	153.87
33 14 13 13-0745	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,208.89	161.30
33 14 13 13-0746	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,501.70	163.43
33 14 13 13-0747	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,706.73	170.86
33 14 13 13-0748	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,284.09	177.22
33 14 13 13-0749	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,466.61	184.65
33 14 13 13-0750	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,212.66	196.32
33 14 13 13-0751	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,992.84	196.32
33 14 13 13-0752	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,154.56	202.69
33 14 13 13-0753	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,783.35	210.12
33 14 13 13-0754	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,549.76	216.48
33 14 13 13-0755	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,629.26	228.16
33 14 13 13-0756	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,189.66	245.13
33 14 13 13-0757	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,929.14	251.51
33 14 13 13-0758	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,143.81	257.87
33 14 13 13-0759	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,415.92	264.24
33 14 13 13-0760	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,667.52	271.66
33 14 13 13-0761	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,795.93	283.34
33 14 13 13-0762	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,124.28	299.26
33 14 13 13-0763	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,720.10	326.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0764	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,519.93	359.74
33 14 13 13-0765	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,596.42	367.17
33 14 13 13-0766	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,050.08	373.55
33 14 13 13-0767	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,298.46	380.97
33 14 13 13-0768	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,351.36	392.64
33 14 13 13-0769	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,284.50	408.56
33 14 13 13-0770	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,752.70	436.16
33 14 13 13-0771	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,762.02	490.27
33 14 13 13-0772	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,487.74	467.99
33 14 13 13-0773	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,540.13	476.48
33 14 13 13-0774	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,640.34	481.78
33 14 13 13-0775	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,789.11	489.21
33 14 13 13-0776	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,582.65	500.88
33 14 13 13-0777	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,866.02	516.81
33 14 13 13-0778	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	8,446.67	544.39
33 14 13 13-0779	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	8,721.97	599.57
33 14 13 13-0780	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	8,185.71	653.70
33 14 13 13-0781	EA	30" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	9,595.33	545.46
33 14 13 13-0782	EA	30" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	9,136.84	552.88
33 14 13 13-0783	EA	30" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	9,656.38	559.25
33 14 13 13-0784	EA	30" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	10,177.87	566.68
33 14 13 13-0785	EA	30" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	10,918.39	578.35
33 14 13 13-0786	EA	30" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	11,717.46	769.37
33 14 13 13-0787	EA	30" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	11,665.84	621.86
33 14 13 13-0788	EA	30" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	11,653.58	675.99
33 14 13 13-0789	EA	30" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	12,142.30	730.10
33 14 13 13-0790	EA	30" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	14,491.72	769.37
33 14 13 13-0791	EA	36" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	9,904.75	613.38
33 14 13 13-0792	EA	36" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	11,081.37	619.74
33 14 13 13-0793	EA	36" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	11,716.94	627.17
33 14 13 13-0794	EA	36" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	12,166.66	638.84
33 14 13 13-0795	EA	36" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	12,618.70	654.76
33 14 13 13-0796	EA	36" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	13,489.26	682.35
33 14 13 13-0797	EA	36" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	14,402.37	736.47
33 14 13 13-0798	EA	36" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	15,957.86	790.59
33 14 13 13-0799	EA	36" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	18,021.30	859.57
33 14 13 13-0800	EA	36" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	20,762.87	859.57
33 14 13 13-0801	EA	42" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	23,637.37	661.13
33 14 13 13-0802	EA	42" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	24,112.80	671.74
33 14 13 13-0803	EA	42" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	26,518.43	688.72
33 14 13 13-0804	EA	42" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	30,226.17	716.31
33 14 13 13-0805	EA	42" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	30,308.68	770.43
33 14 13 13-0806	EA	42" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	25,073.24	824.55
33 14 13 13-0807	EA	42" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	25,522.09	863.82
33 14 13 13-0808	EA	42" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	31,618.17	893.52
33 14 13 13-0809	EA	42" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	33,327.42	910.51
33 14 13 13-0810	EA	48" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	27,565.02	714.18
33 14 13 13-0811	EA	48" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	28,059.73	725.86
33 14 13 13-0812	EA	48" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	28,762.40	742.83
33 14 13 13-0813	EA	48" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	29,477.12	769.37
33 14 13 13-0814	EA	48" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	30,237.61	824.55
33 14 13 13-0815	EA	48" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	30,409.84	878.67
33 14 13 13-0816	EA	48" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	32,651.61	916.87
33 14 13 13-0817	EA	48" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	26,259.90	947.65
33 14 13 13-0818	EA	48" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	32,930.22	964.63
33 14 13 13-0819	EA	48" x 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	43,871.50	991.16

33 14 13 13-0820 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Laterals) *(33 14 13 13-0638)*

33 14 13 13-0821	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	558.81	67.68
33 14 13 13-0822	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	615.04	67.68
33 14 13 13-0823	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	721.66	70.84
33 14 13 13-0824	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	796.35	89.80
33 14 13 13-0825	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	888.71	93.33
33 14 13 13-0826	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,087.12	104.58
33 14 13 13-0827	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,428.54	107.95
33 14 13 13-0828	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,316.89	119.19
33 14 13 13-0829	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,480.76	127.06
33 14 13 13-0830	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,096.90	115.67
33 14 13 13-0831	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,183.50	126.29
33 14 13 13-0832	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,443.14	133.71
33 14 13 13-0833	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,667.06	140.08
33 14 13 13-0834	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,559.92	129.47
33 14 13 13-0835	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,903.57	140.08
33 14 13 13-0836	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,437.93	147.51
33 14 13 13-0837	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,440.15	153.87
33 14 13 13-0838	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,172.83	161.30
33 14 13 13-0839	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,774.10	163.43
33 14 13 13-0840	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,340.60	170.86
33 14 13 13-0841	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,724.46	177.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0842	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,139.92	184.65
33 14 13 13-0843	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,980.76	196.32
33 14 13 13-0844	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,926.34	196.32
33 14 13 13-0845	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,338.60	202.69
33 14 13 13-0846	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,153.75	210.12
33 14 13 13-0847	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,316.98	216.48
33 14 13 13-0848	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,590.87	228.16
33 14 13 13-0849	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,229.99	245.13
33 14 13 13-0850	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,567.83	251.51
33 14 13 13-0851	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,007.42	257.87
33 14 13 13-0852	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,432.16	264.24
33 14 13 13-0853	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,892.60	271.66
33 14 13 13-0854	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,961.57	283.34
33 14 13 13-0855	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,039.30	299.26
33 14 13 13-0856	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,372.37	326.85
33 14 13 13-0857	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,547.41	359.74
33 14 13 13-0858	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,691.37	367.17
33 14 13 13-0859	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,376.38	373.55
33 14 13 13-0860	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,055.32	380.97
33 14 13 13-0861	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,129.11	392.64
33 14 13 13-0862	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,214.87	408.56
33 14 13 13-0863	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,551.32	436.16
33 14 13 13-0864	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,978.36	490.27
33 14 13 13-0865	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,931.32	467.99
33 14 13 13-0866	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,033.51	475.42
33 14 13 13-0867	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,988.41	481.78
33 14 13 13-0868	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,421.54	489.21
33 14 13 13-0869	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,934.82	500.88
33 14 13 13-0870	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	12,185.34	516.81
33 14 13 13-0871	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	13,664.78	544.39
33 14 13 13-0872	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	15,013.26	599.57
33 14 13 13-0873	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	13,211.03	653.70
33 14 13 13-0874	EA	30" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	16,757.38	545.46
33 14 13 13-0875	EA	30" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	18,840.46	552.88
33 14 13 13-0876	EA	30" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	19,957.64	559.25
33 14 13 13-0877	EA	30" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	21,076.78	566.68
33 14 13 13-0878	EA	30" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	22,662.34	578.35
33 14 13 13-0879	EA	30" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	24,365.91	594.27
33 14 13 13-0880	EA	30" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	24,969.76	621.86
33 14 13 13-0881	EA	30" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	25,837.90	675.99
33 14 13 13-0882	EA	30" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	27,052.78	730.10
33 14 13 13-0883	EA	30" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	29,341.15	769.37
33 14 13 13-0884	EA	36" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	32,390.15	627.17
33 14 13 13-0885	EA	36" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	33,672.07	638.84
33 14 13 13-0886	EA	36" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	34,945.07	654.76
33 14 13 13-0887	EA	36" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	37,404.51	682.35
33 14 13 13-0888	EA	36" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	39,914.54	736.47
33 14 13 13-0889	EA	36" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	44,299.18	790.59
33 14 13 13-0890	EA	36" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	49,676.96	829.86
33 14 13 13-0891	EA	36" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	59,405.46	859.57
33 14 13 13-0892	EA	42" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	52,260.72	770.43
33 14 13 13-0893	EA	42" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	53,533.45	824.55
33 14 13 13-0894	EA	42" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	57,200.24	863.82
33 14 13 13-0895	EA	42" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	65,498.91	893.52
33 14 13 13-0896	EA	42" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	77,385.72	910.51
33 14 13 13-0897	EA	48" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	51,497.22	824.55
33 14 13 13-0898	EA	48" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	58,375.23	878.67
33 14 13 13-0899	EA	48" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	62,233.20	916.87
33 14 13 13-0900	EA	48" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	71,031.51	947.65
33 14 13 13-0901	EA	48" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	93,128.02	964.63
33 14 13 13-0902	EA	48" x 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	102,305.30	991.16

33 14 13 13-0903 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee *(33 14 13 13-0638)*

33 14 13 13-0904	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	993.94	104.58
33 14 13 13-0905	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,236.56	119.19
33 14 13 13-0906	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,775.44	126.29
33 14 13 13-0907	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,044.06	140.08
33 14 13 13-0908	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,705.74	163.43
33 14 13 13-0909	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,296.57	196.32
33 14 13 13-0910	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,888.98	251.51
33 14 13 13-0911	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	5,225.21	359.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0912	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	6,094.80	467.99
33 14 13 13-0913	EA	30" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	11,103.89	545.46

33 14 13 13-0914 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross *(33 14 13 13-0638)*

33 14 13 13-0915	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	554.50	80.74
33 14 13 13-0916	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	693.83	87.87
33 14 13 13-0917	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	869.15	88.83
33 14 13 13-0918	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	920.35	110.13
33 14 13 13-0919	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,077.98	119.19
33 14 13 13-0920	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,188.83	148.42
33 14 13 13-0921	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,144.67	130.44
33 14 13 13-0922	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,348.69	159.67
33 14 13 13-0923	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,333.44	170.92
33 14 13 13-0924	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,345.85	135.83
33 14 13 13-0925	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,507.18	163.43
33 14 13 13-0926	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,793.02	174.04
33 14 13 13-0927	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,942.62	186.77
33 14 13 13-0928	EA	12 x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,733.03	147.51
33 14 13 13-0929	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,005.20	175.09
33 14 13 13-0930	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,176.97	185.71
33 14 13 13-0931	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,541.85	198.44
33 14 13 13-0932	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,904.92	210.12
33 14 13 13-0933	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,006.91	192.08
33 14 13 13-0934	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,569.06	202.69
33 14 13 13-0935	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,654.41	216.48
33 14 13 13-0936	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,856.81	227.09
33 14 13 13-0937	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,275.33	245.13
33 14 13 13-0938	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,365.34	217.55
33 14 13 13-0939	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,853.59	227.09
33 14 13 13-0940	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,652.24	240.90
33 14 13 13-0941	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,204.88	252.56
33 14 13 13-0942	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,328.69	269.55
33 14 13 13-0943	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,603.58	293.95
33 14 13 13-0944	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,828.76	256.81
33 14 13 13-0945	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,167.62	267.42
33 14 13 13-0946	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,456.98	280.16
33 14 13 13-0947	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,016.05	291.83
33 14 13 13-0948	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,225.00	308.81
33 14 13 13-0949	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,748.91	333.22
33 14 13 13-0950	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,131.85	373.55
33 14 13 13-0951	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,328.76	322.60
33 14 13 13-0952	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,670.83	332.16
33 14 13 13-0953	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,903.97	345.95
33 14 13 13-0954	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,458.23	357.62
33 14 13 13-0955	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,593.97	374.60
33 14 13 13-0956	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,462.57	399.01
33 14 13 13-0957	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,845.51	438.27
33 14 13 13-0958	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,699.67	504.07
33 14 13 13-0959	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,037.78	403.26
33 14 13 13-0960	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,270.92	413.87
33 14 13 13-0961	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,666.00	426.60
33 14 13 13-0962	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,006.59	438.27
33 14 13 13-0963	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,193.76	455.25
33 14 13 13-0964	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,610.03	479.66
33 14 13 13-0965	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	15,495.27	519.99
33 14 13 13-0966	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	16,293.19	584.72
33 14 13 13-0967	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	17,925.82	665.37
33 14 13 13-0968	EA	30" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	15,588.88	535.91
33 14 13 13-0969	EA	30" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	15,897.52	548.64
33 14 13 13-0970	EA	30" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	16,201.16	560.31
33 14 13 13-0971	EA	30" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	16,558.62	577.29
33 14 13 13-0972	EA	30" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	16,966.85	602.76
33 14 13 13-0973	EA	30" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	17,438.15	642.03
33 14 13 13-0974	EA	30" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	18,028.84	706.76
33 14 13 13-0975	EA	30" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	23,261.77	788.47
33 14 13 13-0976	EA	30" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	26,745.35	910.51
33 14 13 13-0977	EA	36" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	21,874.58	580.47
33 14 13 13-0978	EA	36" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	22,180.00	593.21
33 14 13 13-0979	EA	36" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	22,443.48	604.88
33 14 13 13-0980	EA	36" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	22,755.96	622.92
33 14 13 13-0981	EA	36" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	23,120.81	647.33
33 14 13 13-0982	EA	36" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	23,548.74	686.60
33 14 13 13-0983	EA	36" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	24,099.26	752.39
33 14 13 13-0984	EA	36" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	25,081.23	833.04
33 14 13 13-0985	EA	36" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	33,901.80	955.08
33 14 13 13-0986	EA	36" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	37,284.44	1,000.70
33 14 13 13-0987	EA	42" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	29,465.09	631.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0988	EA	42" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	30,077.99	648.39
33 14 13 13-0989	EA	42" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	30,431.60	673.86
33 14 13 13-0990	EA	42" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	30,920.58	713.12
33 14 13 13-0991	EA	42" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	31,803.65	778.92
33 14 13 13-0992	EA	42" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	33,682.08	859.57
33 14 13 13-0993	EA	42" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	40,960.37	981.61
33 14 13 13-0994	EA	42" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	53,680.34	1,026.17
33 14 13 13-0995	EA	42" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	57,554.69	1,052.70
33 14 13 13-0996	EA	48" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	39,923.17	735.41
33 14 13 13-0997	EA	48" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	40,184.24	752.39
33 14 13 13-0998	EA	48" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	40,533.03	776.79
33 14 13 13-0999	EA	48" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	40,906.32	816.06
33 14 13 13-1000	EA	48" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	41,399.02	881.86
33 14 13 13-1001	EA	48" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	42,263.71	962.51
33 14 13 13-1002	EA	48" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	44,682.15	1,084.55
33 14 13 13-1003	EA	48" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	54,892.67	1,130.17
33 14 13 13-1004	EA	48" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	70,792.12	1,156.70
33 14 13 13-1005	EA	48" x 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	75,373.41	1,259.64
33 14 13 13-1006		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducers *(33 14 13 13-0638)*		
33 14 13 13-1007	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	395.91	43.93
33 14 13 13-1008	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	554.16	55.06
33 14 13 13-1009	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	609.36	58.47
33 14 13 13-1010	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	800.64	66.34
33 14 13 13-1011	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	831.86	77.59
33 14 13 13-1012	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	980.29	68.97
33 14 13 13-1013	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,025.11	79.59
33 14 13 13-1014	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,066.26	87.01
33 14 13 13-1015	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,133.87	76.40
33 14 13 13-1016	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,254.22	87.01
33 14 13 13-1017	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,274.47	93.39
33 14 13 13-1018	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,331.32	100.82
33 14 13 13-1019	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,965.81	98.69
33 14 13 13-1020	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,976.43	105.05
33 14 13 13-1021	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,718.38	112.48
33 14 13 13-1022	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,753.10	118.86
33 14 13 13-1023	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,356.82	114.61
33 14 13 13-1024	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,285.50	122.04
33 14 13 13-1025	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,144.73	128.40
33 14 13 13-1026	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,118.39	134.77
33 14 13 13-1027	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,396.23	146.44
33 14 13 13-1028	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,560.01	148.57
33 14 13 13-1029	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,888.37	156.00
33 14 13 13-1030	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,757.60	162.36
33 14 13 13-1031	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,298.90	174.04
33 14 13 13-1032	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,885.02	191.01
33 14 13 13-1033	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,408.87	203.75
33 14 13 13-1034	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,435.18	210.12
33 14 13 13-1035	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,118.05	217.55
33 14 13 13-1036	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,114.73	229.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1037	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,036.62	245.13
33 14 13 13-1038	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,593.90	272.73
33 14 13 13-1039	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,292.78	271.66
33 14 13 13-1040	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,355.32	283.34
33 14 13 13-1041	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,431.44	299.26
33 14 13 13-1042	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,360.54	326.85
33 14 13 13-1043	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,029.47	380.97
33 14 13 13-1044	EA	30" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	7,847.61	337.46
33 14 13 13-1045	EA	30" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	8,179.97	365.05
33 14 13 13-1046	EA	30" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	7,873.69	420.23
33 14 13 13-1047	EA	30" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	6,661.08	474.35
33 14 13 13-1048	EA	36" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	10,350.20	449.95
33 14 13 13-1049	EA	36" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	9,611.51	504.07
33 14 13 13-1050	EA	36" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	10,261.18	543.34
33 14 13 13-1051	EA	42" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	15,342.89	385.21
33 14 13 13-1052	EA	42" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	15,249.51	412.81
33 14 13 13-1053	EA	42" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	15,282.21	466.92
33 14 13 13-1054	EA	42" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	15,876.97	521.05
33 14 13 13-1055	EA	42" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	12,960.09	560.31
33 14 13 13-1056	EA	42" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	13,561.73	590.03
33 14 13 13-1057	EA	48" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	19,343.83	411.74
33 14 13 13-1058	EA	48" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	18,713.85	439.34
33 14 13 13-1059	EA	48" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	17,764.95	493.46
33 14 13 13-1060	EA	48" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	18,279.38	548.64
33 14 13 13-1061	EA	48" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	21,912.44	586.84
33 14 13 13-1062	EA	48" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	18,937.88	616.56
33 14 13 13-1063	EA	48" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	20,833.50	633.53

33 14 13 13-1064 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps *(33 14 13 13-0638)*

33 14 13 13-1065	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	360.66	92.76
33 14 13 13-1066	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	434.82	109.07
33 14 13 13-1067	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	636.71	136.05
33 14 13 13-1068	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	854.13	155.17
33 14 13 13-1069	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,132.91	233.47
33 14 13 13-1070	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,430.15	254.69
33 14 13 13-1071	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,626.19	280.16
33 14 13 13-1072	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,980.21	310.93
33 14 13 13-1073	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	2,320.31	350.20
33 14 13 13-1074	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	2,799.35	400.07
33 14 13 13-1075	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	3,591.24	466.92
33 14 13 13-1076	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	6,528.15	560.31
33 14 13 13-1077	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	10,710.20	700.39
33 14 13 13-1078	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	15,443.29	840.47
33 14 13 13-1079	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	18,391.45	933.86

33 14 13 13-1080 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug *(33 14 13 13-0638)*

33 14 13 13-1081	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	362.27	92.76
33 14 13 13-1082	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	450.89	109.07
33 14 13 13-1083	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	678.48	136.05
33 14 13 13-1084	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	895.90	155.17
33 14 13 13-1085	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,372.29	233.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1086	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,484.78	254.69
33 14 13 13-1087	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,974.81	280.16
33 14 13 13-1088	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	2,383.46	310.93
33 14 13 13-1089	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	2,836.01	350.20
33 14 13 13-1090	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	3,496.60	400.07
33 14 13 13-1091	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	4,584.09	466.92
33 14 13 13-1092	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	7,900.15	560.31
33 14 13 13-1093	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	11,563.28	700.39
33 14 13 13-1094	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	15,550.93	840.47
33 14 13 13-1095	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	20,674.37	933.86
33 14 13 13-1096		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters** *(33 14 13 13-0638)*		
33 14 13 13-1097	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	491.57	141.00
33 14 13 13-1098	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	650.63	163.04
33 14 13 13-1099	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	895.61	204.65
33 14 13 13-1100	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,177.56	232.76
33 14 13 13-1101	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,732.31	350.20
33 14 13 13-1102	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,069.73	382.03
33 14 13 13-1103	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,709.18	420.23
33 14 13 13-1104	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,075.53	466.92
33 14 13 13-1105	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	4,037.94	525.29
33 14 13 13-1106	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	4,683.41	600.64
33 14 13 13-1107	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	5,670.42	700.39
33 14 13 13-1108	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	8,928.69	840.47
33 14 13 13-1109	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	12,148.51	1,050.59
33 14 13 13-1110	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	16,536.90	1,200.21
33 14 13 13-1111	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	20,556.06	1,400.78
33 14 13 13-1112		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves** *(33 14 13 13-0638)*		
33 14 13 13-1113	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	510.85	141.00
33 14 13 13-1114	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	626.53	163.04
33 14 13 13-1115	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	922.93	204.65
33 14 13 13-1116	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,251.46	232.76
33 14 13 13-1117	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,629.49	350.20
33 14 13 13-1118	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,973.33	382.03
33 14 13 13-1119	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,503.54	420.23
33 14 13 13-1120	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,966.28	466.92
33 14 13 13-1121	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	3,543.12	525.29
33 14 13 13-1122	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	4,125.93	600.64
33 14 13 13-1123	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	5,159.53	700.39
33 14 13 13-1124	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	8,663.61	840.47
33 14 13 13-1125	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	11,263.29	1,050.59
33 14 13 13-1126	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	14,667.98	1,199.15
33 14 13 13-1127	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	21,801.14	1,400.78
33 14 13 13-1128		**Push-On Joint Ductile Iron Piping** *(33 14 13 13-0001)*		
33 14 13 13-1129		**Push-On Joint Ductile Iron Pipe** *(33 14 13 13-1128)*		

Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1130	LF	4", Class 50, Push-On Joint Ductile Iron Pipe	34.11	9.28
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*14.04*	
		For Cement Mortar Lining (CML), Add	*2.01*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*10.83*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.50*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.71*	
		For Class 51, Add	*2.91*	
		For Class 52, Add	*6.27*	
		For Class 53, Add	*11.27*	
		For Class 54, Add	*16.07*	
		For Class 55, Add	*18.49*	
		For Class 56, Add	*20.87*	
33 14 13 13-1131	LF	6", Class 50, Push-On Joint Ductile Iron Pipe	37.40	10.23
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*15.40*	
		For Cement Mortar Lining (CML), Add	*2.20*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*11.88*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.65*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.87*	
		For Class 51, Add	*3.19*	
		For Class 52, Add	*6.88*	
		For Class 53, Add	*12.37*	
		For Class 54, Add	*17.63*	
		For Class 55, Add	*20.29*	
		For Class 56, Add	*22.90*	
33 14 13 13-1132	LF	8", Class 50, Push-On Joint Ductile Iron Pipe	46.95	11.25
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*21.06*	
		For Cement Mortar Lining (CML), Add	*3.01*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*16.24*	
		For Fusion Bonded Epoxy Lining (206N), Add	*5.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.26*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.35*	
		For Class 51, Add	*4.31*	
		For Class 52, Add	*9.30*	
		For Class 53, Add	*16.75*	
		For Class 54, Add	*23.90*	
		For Class 55, Add	*27.48*	
		For Class 56, Add	*31.00*	
33 14 13 13-1133	LF	10", Class 50, Push-On Joint Ductile Iron Pipe	66.30	15.81
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*25.45*	
		For Cement Mortar Lining (CML), Add	*4.24*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*21.21*	
		For Fusion Bonded Epoxy Lining (206N), Add	*7.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.18*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-3.32*	
		For Class 51, Add	*6.08*	
		For Class 52, Add	*13.12*	
		For Class 53, Add	*23.63*	
		For Class 54, Add	*33.70*	
		For Class 55, Add	*38.76*	
		For Class 56, Add	*43.72*	
33 14 13 13-1134	LF	12", Class 50, Push-On Joint Ductile Iron Pipe	77.11	17.51
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*25.29*	
		For Cement Mortar Lining (CML), Add	*5.06*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*20.23*	
		For Fusion Bonded Epoxy Lining (206N), Add	*9.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.79*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-3.86*	
		For Class 51, Add	*7.23*	
		For Class 52, Add	*15.59*	
		For Class 53, Add	*28.10*	
		For Class 54, Add	*40.09*	
		For Class 55, Add	*46.09*	
		For Class 56, Add	*51.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1135	LF	14", Class 50, Push-On Joint Ductile Iron Pipe	94.29	19.74
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*28.37*	
		For Cement Mortar Lining (CML), Add	*6.45*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*21.92*	
		For Fusion Bonded Epoxy Lining (206N), Add	*11.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.84*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-4.71*	
		For Class 51, Add	*9.16*	
		For Class 52, Add	*19.77*	
		For Class 53, Add	*35.67*	
		For Class 54, Add	*50.90*	
		For Class 55, Add	*58.50*	
		For Class 56, Add	*65.97*	
33 14 13 13-1136	LF	16", Class 50, Push-On Joint Ductile Iron Pipe	111.90	22.50
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*31.91*	
		For Cement Mortar Lining (CML), Add	*7.78*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*24.13*	
		For Fusion Bonded Epoxy Lining (206N), Add	*14.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.84*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-5.60*	
		For Class 51, Add	*11.04*	
		For Class 52, Add	*23.82*	
		For Class 53, Add	*42.99*	
		For Class 54, Add	*61.36*	
		For Class 55, Add	*70.51*	
		For Class 56, Add	*79.50*	
33 14 13 13-1137	LF	18", Class 50, Push-On Joint Ductile Iron Pipe	130.19	26.32
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*37.06*	
		For Cement Mortar Lining (CML), Add	*9.04*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*28.02*	
		For Fusion Bonded Epoxy Lining (206N), Add	*16.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.78*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-6.51*	
		For Class 51, Add	*12.82*	
		For Class 52, Add	*27.67*	
		For Class 53, Add	*49.94*	
		For Class 54, Add	*71.27*	
		For Class 55, Add	*81.90*	
		For Class 56, Add	*92.34*	
33 14 13 13-1138	LF	20", Class 50, Push-On Joint Ductile Iron Pipe	150.01	31.52
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*38.86*	
		For Cement Mortar Lining (CML), Add	*10.23*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*28.63*	
		For Fusion Bonded Epoxy Lining (206N), Add	*18.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.67*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-7.50*	
		For Class 51, Add	*14.53*	
		For Class 52, Add	*31.37*	
		For Class 53, Add	*56.59*	
		For Class 54, Add	*80.76*	
		For Class 55, Add	*92.82*	
		For Class 56, Add	*104.67*	
33 14 13 13-1139	LF	24", Class 50, Push-On Joint Ductile Iron Pipe	189.86	39.37
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*40.33*	
		For Cement Mortar Lining (CML), Add	*13.01*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*27.32*	
		For Fusion Bonded Epoxy Lining (206N), Add	*23.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.76*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-9.49*	
		For Class 51, Add	*18.48*	
		For Class 52, Add	*39.89*	
		For Class 53, Add	*71.97*	
		For Class 54, Add	*102.70*	
		For Class 55, Add	*118.04*	
		For Class 56, Add	*133.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1140	LF	30", Class 50, Push-On Joint Ductile Iron Pipe	225.61	42.02
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*50.20*	
		For Cement Mortar Lining (CML), Add	*16.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*29.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.15*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-11.28*	
		For Class 51, Add	*22.87*	
		For Class 52, Add	*49.38*	
		For Class 53, Add	*89.17*	
		For Class 54, Add	*127.29*	
		For Class 55, Add	*146.24*	
		For Class 56, Add	*164.85*	
33 14 13 13-1141	LF	36", Class 50, Push-On Joint Ductile Iron Pipe	280.89	44.67
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*66.09*	
		For Cement Mortar Lining (CML), Add	*21.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*38.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.99*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-14.04*	
		For Class 51, Add	*29.90*	
		For Class 52, Add	*64.60*	
		For Class 53, Add	*116.79*	
		For Class 54, Add	*166.77*	
		For Class 55, Add	*191.52*	
		For Class 56, Add	*215.82*	
33 14 13 13-1142	LF	42", Class 50, Push-On Joint Ductile Iron Pipe	343.49	47.33
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*84.27*	
		For Cement Mortar Lining (CML), Add	*27.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*48.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.39*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-17.17*	
		For Class 51, Add	*37.95*	
		For Class 52, Add	*82.01*	
		For Class 53, Add	*148.37*	
		For Class 54, Add	*211.93*	
		For Class 55, Add	*243.30*	
		For Class 56, Add	*274.10*	
33 14 13 13-1143	LF	48", Class 50, Push-On Joint Ductile Iron Pipe	414.56	49.87
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*105.06*	
		For Cement Mortar Lining (CML), Add	*33.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*61.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.42*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-20.73*	
		For Class 51, Add	*47.14*	
		For Class 52, Add	*101.90*	
		For Class 53, Add	*184.45*	
		For Class 54, Add	*263.52*	
		For Class 55, Add	*302.45*	
		For Class 56, Add	*340.68*	
33 14 13 13-1144	LF	54", Class 50, Push-On Joint Ductile Iron Pipe	527.25	52.53
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*138.77*	
		For Cement Mortar Lining (CML), Add	*44.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*80.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.57*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-26.36*	
		For Class 51, Add	*62.01*	
		For Class 52, Add	*134.09*	
		For Class 53, Add	*242.89*	
		For Class 54, Add	*347.07*	
		For Class 55, Add	*398.24*	
		For Class 56, Add	*448.48*	

33 14 13 13-1145 Push-On Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-1128)*

33 14 13 13-1146	EA	4" 90 Degree Elbow, Push-On Joint Ductile Iron	163.69	36.21
		For Cement Mortar Lining (CML), Add	*10.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.16*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1147	EA	6" 90 Degree Elbow, Push-On Joint Ductile Iron	237.82	53.41
		For Cement Mortar Lining (CML), Add	*15.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1148	EA	8" 90 Degree Elbow, Push-On Joint Ductile Iron	313.73	63.42
		For Cement Mortar Lining (CML), Add	*21.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*39.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1149	EA	10" 90 Degree Elbow, Push-On Joint Ductile Iron	473.36	69.83
		For Cement Mortar Lining (CML), Add	*32.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*59.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1150	EA	12" 90 Degree Elbow, Push-On Joint Ductile Iron	604.50	81.92
		For Cement Mortar Lining (CML), Add	*43.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*78.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1151	EA	14" 90 Degree Elbow, Push-On Joint Ductile Iron	1,144.45	91.90
		For Cement Mortar Lining (CML), Add	*95.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*171.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1152	EA	16" 90 Degree Elbow, Push-On Joint Ductile Iron	1,294.58	105.05
		For Cement Mortar Lining (CML), Add	*107.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*193.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*80.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1153	EA	18" 90 Degree Elbow, Push-On Joint Ductile Iron	2,004.30	147.09
		For Cement Mortar Lining (CML), Add	*170.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*306.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*127.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1154	EA	20" 90 Degree Elbow, Push-On Joint Ductile Iron	2,264.84	185.39
		For Cement Mortar Lining (CML), Add	*189.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*340.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*142.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1155	EA	24" 90 Degree Elbow, Push-On Joint Ductile Iron	2,828.17	231.76
		For Cement Mortar Lining (CML), Add	*236.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*425.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*177.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1156		Push-On Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-1128)*		
33 14 13 13-1157	EA	4" 45 Degree Elbow, Push-On Joint Ductile Iron	138.94	36.21
		For Cement Mortar Lining (CML), Add	*8.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*15.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1158	EA	6" 45 Degree Elbow, Push-On Joint Ductile Iron	204.55	53.41
		For Cement Mortar Lining (CML), Add	*12.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1159	EA	8" 45 Degree Elbow, Push-On Joint Ductile Iron	277.93	63.42
		For Cement Mortar Lining (CML), Add	*18.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.63*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1160	EA	10" 45 Degree Elbow, Push-On Joint Ductile Iron	423.93	69.83
		For Cement Mortar Lining (CML), Add	*27.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1161	EA	12" 45 Degree Elbow, Push-On Joint Ductile Iron	541.54	81.92
		For Cement Mortar Lining (CML), Add	*37.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*67.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1162	EA	14" 45 Degree Elbow, Push-On Joint Ductile Iron	751.20	91.90
		For Cement Mortar Lining (CML), Add	*56.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*101.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1163	EA	16" 45 Degree Elbow, Push-On Joint Ductile Iron	1,088.67	105.05
		For Cement Mortar Lining (CML), Add	*87.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*156.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*65.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1164	EA	18" 45 Degree Elbow, Push-On Joint Ductile Iron	1,271.76	147.09
		For Cement Mortar Lining (CML), Add	*96.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*174.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*72.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1165	EA	20" 45 Degree Elbow, Push-On Joint Ductile Iron	1,763.30	185.39
		For Cement Mortar Lining (CML), Add	*139.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*250.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*104.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1166	EA	24" 45 Degree Elbow, Push-On Joint Ductile Iron	2,189.38	231.76
		For Cement Mortar Lining (CML), Add	*172.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*310.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*129.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1167		**Push-On Joint Ductile Iron Tee** *(33 14 13 13-1128)*		
33 14 13 13-1168	EA	4" Tee, Push-On Joint Ductile Iron	249.22	53.41
		For Cement Mortar Lining (CML), Add	*16.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*30.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1169	EA	6" Tee, Push-On Joint Ductile Iron	349.21	78.49
		For Cement Mortar Lining (CML), Add	*23.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*41.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1170	EA	8" Tee, Push-On Joint Ductile Iron	470.68	95.13
		For Cement Mortar Lining (CML), Add	*32.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*58.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1171	EA	10" Tee, Push-On Joint Ductile Iron	672.80	106.12
		For Cement Mortar Lining (CML), Add	*51.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*92.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1172	EA	12" Tee, Push-On Joint Ductile Iron	833.43	122.36
		For Cement Mortar Lining (CML), Add	*64.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*116.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*48.58*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1173	EA	14" Tee, Push-On Joint Ductile Iron	1,315.45	147.09
		For Cement Mortar Lining (CML), Add	*109.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*196.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*81.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1174	EA	16" Tee, Push-On Joint Ductile Iron	1,886.05	183.91
		For Cement Mortar Lining (CML), Add	*160.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*289.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*120.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1175	EA	18" Tee, Push-On Joint Ductile Iron	2,378.18	245.35
		For Cement Mortar Lining (CML), Add	*200.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*361.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*150.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1176	EA	20" Tee, Push-On Joint Ductile Iron	2,807.92	299.36
		For Cement Mortar Lining (CML), Add	*235.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*423.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*176.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1177	EA	24" Tee, Push-On Joint Ductile Iron	3,668.15	374.18
		For Cement Mortar Lining (CML), Add	*310.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*558.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*232.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1178		Flanged End x Push-On Joint Ductile Iron Adapters *(33 14 13 13-1128)*		
33 14 13 13-1179	EA	4" Flanged End x Push-On Joint Adapter, Ductile Iron	396.00	125.60
		For Cement Mortar Lining (CML), Add	*20.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*37.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1180	EA	6" Flanged End x Push-On Joint Adapter, Ductile Iron	484.95	155.51
		For Cement Mortar Lining (CML), Add	*24.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*44.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1181	EA	8" Flanged End x Push-On Joint Adapter, Ductile Iron	633.30	181.37
		For Cement Mortar Lining (CML), Add	*35.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*64.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1182	EA	10" Flanged End x Push-On Joint Adapter, Ductile Iron	865.48	262.65
		For Cement Mortar Lining (CML), Add	*46.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*84.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1183	EA	12" Flanged End x Push-On Joint Adapter, Ductile Iron	1,046.99	300.21
		For Cement Mortar Lining (CML), Add	*59.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*106.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1184	EA	14" Flanged End x Push-On Joint Adapter, Ductile Iron	1,206.67	323.24
		For Cement Mortar Lining (CML), Add	*71.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*129.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1185	EA	16" Flanged End x Push-On Joint Adapter, Ductile Iron	1,434.49	350.20
		For Cement Mortar Lining (CML), Add	*90.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*162.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*67.79*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1186	EA	18" Flanged End x Push-On Joint Adapter, Ductile Iron	1,696.45	420.23
		For Cement Mortar Lining (CML), Add	*105.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*190.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*79.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1187	EA	20" Flanged End x Push-On Joint Adapter, Ductile Iron	1,969.79	466.92
		For Cement Mortar Lining (CML), Add	*126.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*227.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*94.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1188	EA	24" Flanged End x Push-On Joint Adapter, Ductile Iron	2,468.25	538.77
		For Cement Mortar Lining (CML), Add	*165.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*297.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*123.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1189	EA	30" Flanged End x Push-On Joint Adapter, Ductile Iron	3,944.32	646.48
		For Cement Mortar Lining (CML), Add	*296.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*533.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*222.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1190	EA	36" Flanged End x Push-On Joint Adapter, Ductile Iron	5,454.66	808.10
		For Cement Mortar Lining (CML), Add	*423.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*761.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*317.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1191	EA	42" Flanged End x Push-On Joint Adapter, Ductile Iron	6,892.50	933.86
		For Cement Mortar Lining (CML), Add	*547.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*985.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*410.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1192	EA	48" Flanged End x Push-On Joint Adapter, Ductile Iron	8,797.22	1,200.63
		For Cement Mortar Lining (CML), Add	*697.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,256.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*523.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1193	EA	54" Flanged End x Push-On Joint Adapter, Ductile Iron	10,686.85	1,401.09
		For Cement Mortar Lining (CML), Add	*856.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,541.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*642.29*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-1194 Push-On Joint Ductile Iron Pipe And Fitting Restraints *(33 14 13 13-1128)*

Note: Includes ductile iron follower gland, restraint ring and all nuts and bolts. Excludes pipe and fitting.

33 14 13 13-1195	EA	4" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	37.08	19.56
33 14 13 13-1196	EA	6" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	49.68	25.51
33 14 13 13-1197	EA	8" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	64.92	25.97
33 14 13 13-1198	EA	10" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	74.81	27.58
33 14 13 13-1199	EA	12" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	87.61	30.63
33 14 13 13-1200	EA	14" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	107.95	34.47
33 14 13 13-1201	EA	16" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	126.55	39.39
33 14 13 13-1202	EA	18" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	141.56	42.69
33 14 13 13-1203	EA	20" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	165.97	51.21
33 14 13 13-1204	EA	24" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	194.21	53.19
33 14 13 13-1205	EA	30" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	243.43	59.10
33 14 13 13-1206	EA	36" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	309.54	64.01
33 14 13 13-1207	EA	42" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	376.64	70.04
33 14 13 13-1208	EA	48" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	442.03	78.80
33 14 13 13-1209	EA	54" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	596.34	85.45

33 14 13 13-1210 Push-On Joint Ductile Iron Bell Restraint Harness (MEGALUG® 1700 Series) *(33 14 13 13-1128)*

33 14 13 13-1211	EA	4" Bell Restraint Harness, Ductile Iron (MEGALUG® 170400)	234.13	71.64
33 14 13 13-1212	EA	6" Bell Restraint Harness, Ductile Iron (MEGALUG® 170600)	309.56	87.45
33 14 13 13-1213	EA	8" Bell Restraint Harness, Ductile Iron (MEGALUG® 170800)	399.06	106.65
33 14 13 13-1214	EA	10" Bell Restraint Harness, Ductile Iron (MEGALUG® 17100)	603.87	130.10
33 14 13 13-1215	EA	12" Bell Restraint Harness, Ductile Iron (MEGALUG® 171200)	749.23	158.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1216	EA	14" Bell Restraint Harness, Ductile Iron (MEGALUG® 171400)	1,298.19	193.56
33 14 13 13-1217	EA	16" Bell Restraint Harness, Ductile Iron (MEGALUG® 171600)	1,480.82	236.22
33 14 13 13-1218	EA	18" Bell Restraint Harness, Ductile Iron (MEGALUG® 171800)	1,679.39	288.12
33 14 13 13-1219	EA	20" Bell Restraint Harness, Ductile Iron (MEGALUG® 172000)	2,286.22	351.57
33 14 13 13-1220	EA	24" Bell Restraint Harness, Ductile Iron (MEGALUG® 172400)	2,917.53	428.83
33 14 13 13-1221	EA	30" Bell Restraint Harness, Ductile Iron (MEGALUG® 173000)	5,053.53	523.28
33 14 13 13-1222	EA	36" Bell Restraint Harness, Ductile Iron (MEGALUG® 173600)	7,178.84	638.31
33 14 13 13-1223	EA	42" Bell Restraint Harness, Ductile Iron (MEGALUG® 174200)	13,072.00	778.81
33 14 13 13-1224	EA	48" Bell Restraint Harness, Ductile Iron (MEGALUG® 174800)	16,915.86	950.09

33 14 13 13-1225 Ductile Iron Pipe Repair *(33 14 13 13-0001)*

See CSI section 33 14 13 13-0002 for mechanical joint fittings.

33 14 13 13-1226 Ductile Iron Pipe Repair *(33 14 13 13-1225)*

Note: Includes two transition sleeves, mechanical joint ductile iron sleeve and 16' of ductile iron pipe.

33 14 13 13-1227	EA	30" Diameter Mechanical Ductile Iron Push Joint	2,610.82	
33 14 13 13-1228	EA	36" Diameter Mechanical Ductile Iron Push Joint	3,284.97	
33 14 13 13-1229	EA	42" Diameter Mechanical Ductile Iron Push Joint	4,087.06	
33 14 13 13-1230	EA	48" Diameter Mechanical Ductile Iron Push Joint	5,111.02	
33 14 13 13-1231	EA	54" Diameter Mechanical Ductile Iron Push Joint	7,323.63	

33 14 13 13-1232 WEKO Seals *(33 14 13 13-1225)*

Note: Internal joint seal.

33 14 13 13-1233	EA	16" WEKO Internal Joint Seal	1,344.61	192.89
		For Extra Wide Seals, Add	*84.61*	
33 14 13 13-1234	EA	18" WEKO Internal Joint Seal	1,431.70	203.67
		For Extra Wide Seals, Add	*85.44*	
33 14 13 13-1235	EA	20" WEKO Internal Joint Seal	1,518.61	214.47
		For Extra Wide Seals, Add	*86.25*	
33 14 13 13-1236	EA	24" WEKO Internal Joint Seal	1,610.92	231.63
		For Extra Wide Seals, Add	*87.55*	
33 14 13 13-1237	EA	30" WEKO Internal Joint Seal	1,667.38	248.78
		For Extra Wide Seals, Add	*88.85*	
33 14 13 13-1238	EA	36" WEKO Internal Joint Seal	1,753.63	270.23
		For Extra Wide Seals, Add	*90.47*	
33 14 13 13-1239	EA	42" WEKO Internal Joint Seal	1,873.28	295.96
		For Extra Wide Seals, Add	*92.42*	
33 14 13 13-1240	EA	48" WEKO Internal Joint Seal	2,022.27	317.41
		For Extra Wide Seals, Add	*94.05*	
33 14 13 13-1241	EA	54" WEKO Internal Joint Seal	2,100.25	334.57
		For Extra Wide Seals, Add	*95.35*	
33 14 13 13-1242	EA	60" WEKO Internal Joint Seal	2,194.81	360.30
		For Extra Wide Seals, Add	*97.30*	

33 14 13 23 Plastic Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 23-0001 Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Piping *(33 14 13 23)*

33 14 13 23-0002 Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe *(33 14 13 23-0001)*

33 14 13 23-0003	LF	3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	2.52	0.80
		For >1,000, Deduct	*-0.13*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.08*	
33 14 13 23-0004	LF	1" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	2.83	0.86
		For >1,000, Deduct	*-0.14*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.10*	
33 14 13 23-0005	LF	1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	3.42	0.94
		For >1,000, Deduct	*-0.17*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.16*	
33 14 13 23-0006	LF	1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	4.06	1.04
		For >1,000, Deduct	*-0.20*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.22*	
33 14 13 23-0007	LF	2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	5.62	1.17
		For >1,000, Deduct	*-0.28*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.41*	
33 14 13 23-0008	LF	2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	7.59	1.33
		For >1,000, Deduct	*-0.38*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.64*	
33 14 13 23-0009	LF	3" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	9.62	1.50
		For >1,000, Deduct	*-0.48*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.88*	
33 14 13 23-0010	LF	4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	14.21	1.86
		For >1,000, Deduct	*-0.71*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.44*	
33 14 13 23-0011	LF	6" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	26.74	2.36
		For >1,000, Deduct	*-1.34*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*3.13*	
33 14 13 23-0012	LF	8" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	43.27	3.18
		For >1,000, Deduct	*-2.16*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*5.30*	
33 14 13 23-0013	LF	10" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	65.56	4.25
		For >1,000, Deduct	*-3.28*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*8.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0014	LF	12" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	91.69	5.73
		For >1,000, Deduct	*-4.58*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*11.61*	
33 14 13 23-0015		**90 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC)** *(33 14 13 23-0001)*		
33 14 13 23-0016	EA	3/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	24.64	9.63
33 14 13 23-0017	EA	1", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	31.35	12.03
33 14 13 23-0018	EA	1-1/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	39.74	15.04
33 14 13 23-0019	EA	1-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	71.92	16.64
33 14 13 23-0020	EA	2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	76.73	18.65
33 14 13 23-0021	EA	2-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	92.54	21.15
33 14 13 23-0022	EA	3", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	104.95	24.17
33 14 13 23-0023	EA	4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	153.06	29.68
33 14 13 23-0024	EA	6", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	230.21	37.71
33 14 13 23-0025	EA	8", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	395.45	49.50
33 14 13 23-0026	EA	10", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	475.87	66.23
33 14 13 23-0027	EA	12", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	625.98	89.14
33 14 13 23-0028		**45 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC)** *(33 14 13 23-0001)*		
33 14 13 23-0029	EA	3/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	25.46	9.63
33 14 13 23-0030	EA	1" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	31.93	12.03
33 14 13 23-0031	EA	1-1/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	40.09	15.04
33 14 13 23-0032	EA	1-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	61.25	16.64
33 14 13 23-0033	EA	2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	77.72	18.65
33 14 13 23-0034	EA	2-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	96.57	21.15
33 14 13 23-0035	EA	3" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	103.25	24.17
33 14 13 23-0036	EA	4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	149.39	29.68
33 14 13 23-0037	EA	6" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	222.80	37.71
33 14 13 23-0038	EA	8" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	381.33	49.50
33 14 13 23-0039	EA	10" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	417.37	66.23
33 14 13 23-0040	EA	12" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	545.02	89.14
33 14 13 23-0041		**Tees Or Wyes, Class 200, SDR 21 Polyvinyl Chloride (PVC)** *(33 14 13 23-0001)*		
33 14 13 23-0042	EA	3/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	36.91	14.44
33 14 13 23-0043	EA	1" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	46.78	18.15
33 14 13 23-0044	EA	1-1/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	58.88	22.66
33 14 13 23-0045	EA	1-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	94.77	25.07
33 14 13 23-0046	EA	2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	109.04	27.87
33 14 13 23-0047	EA	2-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	128.41	31.79
33 14 13 23-0048	EA	3" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	161.94	36.15
33 14 13 23-0049	EA	4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	218.70	44.57
33 14 13 23-0050	EA	6" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	396.43	56.66
33 14 13 23-0051	EA	8" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	614.91	74.26
33 14 13 23-0052	EA	10" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	688.25	102.10
33 14 13 23-0053	EA	12" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	840.57	137.38
33 14 13 23-0054		**Couplings, Class 200, SDR 21 Polyvinyl Chloride (PVC)** *(33 14 13 23-0001)*		
33 14 13 23-0055	EA	3/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	16.56	6.42
33 14 13 23-0056	EA	1" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	22.44	8.63
33 14 13 23-0057	EA	1-1/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	30.38	11.33
33 14 13 23-0058	EA	1-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	49.07	12.54
33 14 13 23-0059	EA	2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	53.80	13.94
33 14 13 23-0060	EA	2-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	61.16	15.84
33 14 13 23-0061	EA	3" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	72.08	18.08
33 14 13 23-0062	EA	4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	103.99	22.24
33 14 13 23-0063	EA	6" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	155.64	28.33
33 14 13 23-0064	EA	8" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	286.17	37.12
33 14 13 23-0065	EA	10" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	321.17	51.10
33 14 13 23-0066	EA	12" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	401.77	68.69
33 14 13 23-0067		**Schedule 40 Polyvinyl Chloride (PVC) Pipe And Fittings** *(33 14 13 23)*		
33 14 13 23-0068		**Schedule 40 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0067)*		
33 14 13 23-0069	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe	2.93	0.80
		For >1,000, Deduct	*-0.15*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.14*	
33 14 13 23-0070	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe	3.62	0.86
		For >1,000, Deduct	*-0.18*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.22*	
33 14 13 23-0071	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	4.79	1.04
		For >1,000, Deduct	*-0.24*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.33*	
33 14 13 23-0072	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	5.89	1.17
		For >1,000, Deduct	*-0.29*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0073	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	8.02	1.33
		For >1,000, Deduct	*-0.40*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.71*	
33 14 13 23-0074	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pipe	9.89	1.50
		For >1,000, Deduct	*-0.49*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.92*	
33 14 13 23-0075	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pipe	13.46	1.86
		For >1,000, Deduct	*-0.67*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.32*	
33 14 13 23-0076	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pipe	21.29	2.36
		For >1,000, Deduct	*-1.06*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*2.31*	
33 14 13 23-0077		**Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows** *(33 14 13 23-0067)*		
33 14 13 23-0078	EA	3/4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	24.94	9.63
33 14 13 23-0079	EA	1" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	31.52	12.03
33 14 13 23-0080	EA	1-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	44.04	16.64
33 14 13 23-0081	EA	2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	50.25	18.65
33 14 13 23-0082	EA	2-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	62.80	21.15
33 14 13 23-0083	EA	3" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	72.40	24.17
33 14 13 23-0084	EA	4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	98.58	29.68
33 14 13 23-0085	EA	6" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	171.87	37.71
33 14 13 23-0086		**Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows** *(33 14 13 23-0067)*		
33 14 13 23-0087	EA	3/4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	24.87	9.63
33 14 13 23-0088	EA	1" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	31.45	12.03
33 14 13 23-0089	EA	1-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	44.08	16.64
33 14 13 23-0090	EA	2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	49.97	18.65
33 14 13 23-0091	EA	2-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	62.04	21.15
33 14 13 23-0092	EA	3" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	71.51	24.17
33 14 13 23-0093	EA	4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	96.78	29.68
33 14 13 23-0094	EA	6" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	166.14	37.71
33 14 13 23-0095		**Schedule 40 Polyvinyl Chloride (PVC) Tees Or Wyes** *(33 14 13 23-0067)*		
33 14 13 23-0096	EA	3/4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	37.21	14.44
33 14 13 23-0097	EA	1" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	47.01	18.15
33 14 13 23-0098	EA	1-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	65.72	25.07
33 14 13 23-0099	EA	2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	74.39	27.87
33 14 13 23-0100	EA	2-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	94.63	31.79
33 14 13 23-0101	EA	3" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	112.24	36.15
33 14 13 23-0102	EA	4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	140.54	44.57
33 14 13 23-0103	EA	6" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	263.31	56.66
33 14 13 23-0104		**Schedule 40 Polyvinyl Chloride (PVC) Couplings** *(33 14 13 23-0067)*		
33 14 13 23-0105	EA	3/4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	16.70	6.42
33 14 13 23-0106	EA	1" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	22.55	8.63
33 14 13 23-0107	EA	1-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	32.68	12.54
33 14 13 23-0108	EA	2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	37.17	13.94
33 14 13 23-0109	EA	2-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	44.66	15.84
33 14 13 23-0110	EA	3" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	52.95	18.08
33 14 13 23-0111	EA	4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	65.90	22.24
33 14 13 23-0112	EA	6" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	106.11	28.33
33 14 13 23-0113		**Crosses, Schedule 40 Polyvinyl Chloride (PVC)** *(33 14 13 23-0067)*		
33 14 13 23-0114	EA	3/4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	49.89	19.25
33 14 13 23-0115	EA	1" Cross, Schedule 40 Polyvinyl Chloride (PVC)	62.61	24.16
33 14 13 23-0116	EA	1-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	87.61	33.39
33 14 13 23-0117	EA	2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	99.17	37.20
33 14 13 23-0118	EA	2-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	126.10	42.32
33 14 13 23-0119	EA	3" Cross, Schedule 40 Polyvinyl Chloride (PVC)	149.54	48.25
33 14 13 23-0120	EA	4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	187.21	59.36
33 14 13 23-0121	EA	6" Cross, Schedule 40 Polyvinyl Chloride (PVC)	350.37	75.51
33 14 13 23-0122		**Schedule 80 Polyvinyl Chloride (PVC) Pipe And Fittings** *(33 14 13 23)*		
33 14 13 23-0123		**Schedule 80 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0122)*		
33 14 13 23-0124	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pipe	4.07	0.86
		For >1,000, Deduct	*-0.20*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.29*	
33 14 13 23-0125	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	5.69	1.04
		For >1,000, Deduct	*-0.28*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.46*	
33 14 13 23-0126	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	7.40	1.17
		For >1,000, Deduct	*-0.37*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0127	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	9.99	1.33
		For >1,000, Deduct	*-0.50*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.00*	
33 14 13 23-0128	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pipe	12.65	1.50
		For >1,000, Deduct	*-0.63*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.33*	
33 14 13 23-0129	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pipe	17.67	1.86
		For >1,000, Deduct	*-0.88*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.95*	
33 14 13 23-0130	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pipe	30.67	2.36
		For >1,000, Deduct	*-1.53*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*3.72*	
33 14 13 23-0131		**Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows** *(33 14 13 23-0122)*		
33 14 13 23-0132	EA	1" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	33.85	12.03
33 14 13 23-0133	EA	1-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	44.04	16.64
33 14 13 23-0134	EA	2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	52.59	18.65
33 14 13 23-0135	EA	2-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	67.75	21.15
33 14 13 23-0136	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	77.01	24.17
33 14 13 23-0137	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	99.69	29.68
33 14 13 23-0138	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	166.62	37.71
33 14 13 23-0139		**Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows** *(33 14 13 23-0122)*		
33 14 13 23-0140	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	43.42	12.03
33 14 13 23-0141	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	53.26	16.64
33 14 13 23-0142	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	61.45	18.65
33 14 13 23-0143	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	84.38	21.15
33 14 13 23-0144	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	98.65	24.17
33 14 13 23-0145	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	143.20	29.68
33 14 13 23-0146	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	163.70	37.71
33 14 13 23-0147		**Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes** *(33 14 13 23-0122)*		
33 14 13 23-0148	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	51.91	18.15
33 14 13 23-0149	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	80.59	25.07
33 14 13 23-0150	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	92.12	27.87
33 14 13 23-0151	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	104.02	31.79
33 14 13 23-0152	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	121.23	36.15
33 14 13 23-0153	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	147.01	44.57
33 14 13 23-0154	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	263.08	56.66
33 14 13 23-0155		**Schedule 80 Polyvinyl Chloride (PVC) Couplings** *(33 14 13 23-0122)*		
33 14 13 23-0156	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Coupling	26.05	8.63
33 14 13 23-0157	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	38.69	12.54
33 14 13 23-0158	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	42.83	13.94
33 14 13 23-0159	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	59.18	15.84
33 14 13 23-0160	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Coupling	67.59	18.08
33 14 13 23-0161	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Coupling	83.68	22.24
33 14 13 23-0162	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Coupling	130.96	28.33
33 14 13 23-0163		**Crosses, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0122)*		
33 14 13 23-0164	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Cross	69.11	24.16
33 14 13 23-0165	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	107.35	33.39
33 14 13 23-0166	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Cross	122.70	37.20
33 14 13 23-0167	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	138.56	42.32
33 14 13 23-0168	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Cross	161.46	48.25
33 14 13 23-0169	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Cross	195.80	59.36
33 14 13 23-0170	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Cross	350.06	75.51
33 14 13 23-0171		**AWWA C900/C905 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23)*		
		Note: Includes hub on one end of pipe. C900 is available in blue, white, purple or green.		
33 14 13 23-0172		**AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0173	LF	4" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	10.55	3.78
33 14 13 23-0174	LF	6" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	15.26	4.59
33 14 13 23-0175	LF	8" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	20.81	5.16
33 14 13 23-0176	LF	10" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	27.29	5.74
33 14 13 23-0177	LF	12" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	35.24	6.42
33 14 13 23-0178		**AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0179	LF	4" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	11.62	3.78
33 14 13 23-0180	LF	6" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	17.48	4.59
33 14 13 23-0181	LF	8" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	24.54	5.16
33 14 13 23-0182	LF	10" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	33.10	5.74
33 14 13 23-0183	LF	12" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	43.35	6.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0184		**AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0185	LF	4" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	12.67	3.78
33 14 13 23-0186	LF	6" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	19.68	4.59
33 14 13 23-0187	LF	8" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	28.28	5.16
33 14 13 23-0188	LF	10" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	38.79	5.74
33 14 13 23-0189	LF	12" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	51.46	6.42
33 14 13 23-0190		**AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0191	LF	18" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	55.32	9.63
33 14 13 23-0192	LF	20" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	67.44	11.47
33 14 13 23-0193	LF	24" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	90.36	13.77
33 14 13 23-0194	LF	30" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	130.33	16.05
33 14 13 23-0195	LF	36" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	179.66	18.35
33 14 13 23-0196	LF	42" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	227.42	19.49
33 14 13 23-0197	LF	48" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	287.81	20.99
33 14 13 23-0198		**AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0199	LF	14" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	40.85	7.22
33 14 13 23-0200	LF	16" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	51.17	8.03
33 14 13 23-0201	LF	18" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	63.45	9.63
33 14 13 23-0202	LF	20" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	77.99	11.47
33 14 13 23-0203	LF	24" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	106.64	13.77
33 14 13 23-0204	LF	30" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	153.67	16.05
33 14 13 23-0205	LF	36" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	210.92	18.35
33 14 13 23-0206	LF	42" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	279.42	19.49
33 14 13 23-0207	LF	48" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	355.27	20.99
33 14 13 23-0208		**AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0209	LF	14" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	47.11	7.22
33 14 13 23-0210	LF	16" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	59.85	8.03
33 14 13 23-0211	LF	18" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	74.23	9.63
33 14 13 23-0212	LF	20" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	91.98	11.47
33 14 13 23-0213	LF	24" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	126.73	13.77
33 14 13 23-0214	LF	30" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	183.85	16.05
33 14 13 23-0215	LF	36" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	254.98	18.35
33 14 13 23-0216	LF	42" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	331.61	19.49
33 14 13 23-0217	LF	48" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	423.38	20.99
33 14 13 23-0218		**AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0219	LF	14" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	57.80	7.22
33 14 13 23-0220	LF	16" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	72.55	8.03
33 14 13 23-0221	LF	18" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	90.58	9.63
33 14 13 23-0222	LF	20" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	111.72	11.47
33 14 13 23-0223	LF	24" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	155.20	13.77
33 14 13 23-0224	LF	30" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	228.53	16.05
33 14 13 23-0225	LF	36" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	323.67	18.35
33 14 13 23-0226	LF	42" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	432.36	19.49
33 14 13 23-0227	LF	48" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	558.58	20.99
33 14 13 23-0228		**AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0229	LF	14" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	65.83	7.22
33 14 13 23-0230	LF	16" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	83.01	8.03
33 14 13 23-0231	LF	18" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	103.76	9.63
33 14 13 23-0232	LF	20" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	128.14	11.47
33 14 13 23-0233	LF	24" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	178.82	13.77
33 14 13 23-0234	LF	30" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	264.88	16.05
33 14 13 23-0235	LF	36" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	376.76	18.35
33 14 13 23-0236	LF	42" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	505.11	19.49
33 14 13 23-0237		**AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0238	LF	14" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	73.66	7.22
33 14 13 23-0239	LF	16" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	93.17	8.03
33 14 13 23-0240	LF	18" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	116.58	9.63
33 14 13 23-0241	LF	20" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	144.12	11.47
33 14 13 23-0242	LF	24" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	201.80	13.77
33 14 13 23-0243	LF	30" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	300.23	16.05
33 14 13 23-0244	LF	36" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	428.42	18.35
33 14 13 23-0245		**AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) Fittings** *(33 14 13 23)*		
		Note: Includes rubber gaskets.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0246		**90 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)** *(33 14 13 23-0245)*		
33 14 13 23-0247	EA	4" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	201.21	12.03
		For DR 25, Deduct	*-10.63*	
33 14 13 23-0248	EA	6" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	413.76	13.54
		For DR 25, Deduct	*-23.20*	
33 14 13 23-0249	EA	8" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	622.35	15.04
		For DR 25, Deduct	*-35.54*	
33 14 13 23-0250	EA	10" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	950.19	23.86
		For DR 25, Deduct	*-54.15*	
33 14 13 23-0251	EA	12" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,235.10	39.77
		For DR 25, Deduct	*-69.34*	
33 14 13 23-0252	EA	14" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,856.52	49.71
		For DR 25, Deduct	*-105.43*	
33 14 13 23-0253	EA	16" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,215.46	59.64
		For DR 25, Deduct	*-125.77*	
33 14 13 23-0254	EA	18" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,805.49	79.53
		For DR 25, Deduct	*-218.79*	
33 14 13 23-0255	EA	20" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,684.45	99.41
		For DR 25, Deduct	*-269.14*	
33 14 13 23-0256	EA	24" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,781.29	134.20
		For DR 25, Deduct	*-450.77*	
33 14 13 23-0257		**45 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)** *(33 14 13 23-0245)*		
33 14 13 23-0258	EA	4" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	178.08	12.03
		For DR 25, Deduct	*-9.24*	
33 14 13 23-0259	EA	6" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	308.86	13.54
		For DR 25, Deduct	*-16.91*	
33 14 13 23-0260	EA	8" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	391.73	15.04
		For DR 25, Deduct	*-21.70*	
33 14 13 23-0261	EA	10" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	553.58	23.86
		For DR 25, Deduct	*-30.35*	
33 14 13 23-0262	EA	12" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	738.82	39.77
		For DR 25, Deduct	*-39.56*	
33 14 13 23-0263	EA	14" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,424.81	49.71
		For DR 25, Deduct	*-79.52*	
33 14 13 23-0264	EA	16" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,806.49	59.64
		For DR 25, Deduct	*-101.23*	
33 14 13 23-0265	EA	18" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,121.70	79.53
		For DR 25, Deduct	*-177.76*	
33 14 13 23-0266	EA	20" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,877.20	99.41
		For DR 25, Deduct	*-220.70*	
33 14 13 23-0267	EA	24" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,472.51	134.20
		For DR 25, Deduct	*-312.25*	
33 14 13 23-0268		**22-1/2 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)** *(33 14 13 23-0245)*		
33 14 13 23-0269	EA	4" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	175.26	12.03
		For DR 25, Deduct	*-9.07*	
33 14 13 23-0270	EA	6" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	308.86	13.54
		For DR 25, Deduct	*-16.91*	
33 14 13 23-0271	EA	8" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	391.74	15.04
		For DR 25, Deduct	*-21.70*	
33 14 13 23-0272	EA	10" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	553.59	23.86
		For DR 25, Deduct	*-30.35*	
33 14 13 23-0273	EA	12" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	738.82	39.77
		For DR 25, Deduct	*-39.56*	
33 14 13 23-0274	EA	14" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,420.81	47.71
		For DR 25, Deduct	*-79.52*	
33 14 13 23-0275	EA	16" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,806.46	59.64
		For DR 25, Deduct	*-101.23*	
33 14 13 23-0276	EA	18" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,121.70	79.53
		For DR 25, Deduct	*-177.76*	
33 14 13 23-0277	EA	20" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,877.20	99.41
		For DR 25, Deduct	*-220.70*	
33 14 13 23-0278	EA	24" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,472.51	134.20
		For DR 25, Deduct	*-312.25*	
33 14 13 23-0279		**11-1/4 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)** *(33 14 13 23-0245)*		
33 14 13 23-0280	EA	4" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	154.55	12.03
		For DR 25, Deduct	*-7.83*	
33 14 13 23-0281	EA	6" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	308.86	13.54
		For DR 25, Deduct	*-16.91*	
33 14 13 23-0282	EA	8" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	391.74	15.04
		For DR 25, Deduct	*-21.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0283	EA	10" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	553.59	23.86
		For DR 25, Deduct	*-30.35*	
33 14 13 23-0284	EA	12" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	738.82	39.77
		For DR 25, Deduct	*-39.56*	
33 14 13 23-0285	EA	14" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,420.81	47.71
		For DR 25, Deduct	*-79.52*	
33 14 13 23-0286	EA	16" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,806.46	59.64
		For DR 25, Deduct	*-101.23*	
33 14 13 23-0287	EA	18" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,121.70	79.53
		For DR 25, Deduct	*-177.76*	
33 14 13 23-0288	EA	20" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,877.20	99.41
		For DR 25, Deduct	*-220.70*	
33 14 13 23-0289	EA	24" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,472.51	134.20
		For DR 25, Deduct	*-312.25*	

33 14 13 23-0290 Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)

(33 14 13 23-0245)

33 14 13 23-0291	EA	4" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	239.26	13.54
		For DR 25, Deduct	*-12.73*	
33 14 13 23-0292	EA	6" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	463.86	15.04
		For DR 25, Deduct	*-26.03*	
33 14 13 23-0293	EA	8" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	647.93	17.05
		For DR 25, Deduct	*-36.83*	
33 14 13 23-0294	EA	10" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,336.68	29.82
		For DR 25, Deduct	*-76.62*	
33 14 13 23-0295	EA	12" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,627.71	59.64
		For DR 25, Deduct	*-90.51*	
33 14 13 23-0296	EA	14" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,945.10	74.55
		For DR 25, Deduct	*-167.76*	
33 14 13 23-0297	EA	16" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,648.27	89.46
		For DR 25, Deduct	*-208.16*	
33 14 13 23-0298	EA	18" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,602.21	119.29
		For DR 25, Deduct	*-261.82*	
33 14 13 23-0299	EA	20" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,525.72	149.12
		For DR 25, Deduct	*-313.65*	
33 14 13 23-0300	EA	24" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,597.96	101.39
		For DR 25, Deduct	*-443.71*	

33 14 13 23-0301 Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)

(33 14 13 23-0245)

33 14 13 23-0302	EA	6" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	461.15	19.55
		For DR 25, Deduct	*-25.32*	
33 14 13 23-0303	EA	8" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	628.14	21.05
		For DR 25, Deduct	*-35.16*	
33 14 13 23-0304	EA	8" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	643.83	21.81
		For DR 25, Deduct	*-36.01*	
33 14 13 23-0305	EA	10" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	835.14	29.82
		For DR 25, Deduct	*-46.53*	
33 14 13 23-0306	EA	10" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,132.67	30.57
		For DR 25, Deduct	*-64.29*	
33 14 13 23-0307	EA	10" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,211.93	31.31
		For DR 25, Deduct	*-68.96*	
33 14 13 23-0308	EA	12" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,282.82	45.73
		For DR 25, Deduct	*-71.48*	
33 14 13 23-0309	EA	12" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,473.54	46.47
		For DR 25, Deduct	*-82.84*	
33 14 13 23-0310	EA	12" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,563.60	47.22
		For DR 25, Deduct	*-88.15*	
33 14 13 23-0311	EA	12" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,592.48	51.69
		For DR 25, Deduct	*-89.35*	
33 14 13 23-0312	EA	14" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,422.52	53.68
		For DR 25, Deduct	*-138.91*	
33 14 13 23-0313	EA	14" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,520.19	54.43
		For DR 25, Deduct	*-144.68*	
33 14 13 23-0314	EA	14" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,618.11	55.17
		For DR 25, Deduct	*-150.47*	
33 14 13 23-0315	EA	14" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,722.92	59.64
		For DR 25, Deduct	*-156.22*	
33 14 13 23-0316	EA	14" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,835.05	67.60
		For DR 25, Deduct	*-161.99*	
33 14 13 23-0317	EA	16" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,023.44	65.61
		For DR 25, Deduct	*-173.53*	
33 14 13 23-0318	EA	16" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,119.59	65.61
		For DR 25, Deduct	*-179.30*	
33 14 13 23-0319	EA	16" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,217.29	66.36
		For DR 25, Deduct	*-185.07*	
33 14 13 23-0320	EA	16" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,314.97	67.10
		For DR 25, Deduct	*-190.85*	
33 14 13 23-0321	EA	16" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,435.97	79.53
		For DR 25, Deduct	*-196.62*	
33 14 13 23-0322	EA	16" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,540.11	83.50
		For DR 25, Deduct	*-202.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0323	EA	18" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,735.76	85.49
		For DR 25, Deduct	*-213.89*	
33 14 13 23-0324	EA	18" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,834.12	86.24
		For DR 25, Deduct	*-219.70*	
33 14 13 23-0325	EA	18" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,931.78	86.99
		For DR 25, Deduct	*-225.47*	
33 14 13 23-0326	EA	18" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,036.91	91.46
		For DR 25, Deduct	*-231.24*	
33 14 13 23-0327	EA	18" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,148.96	99.41
		For DR 25, Deduct	*-237.01*	
33 14 13 23-0328	EA	18" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,252.43	103.39
		For DR 25, Deduct	*-242.74*	
33 14 13 23-0329	EA	18" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,383.78	109.35
		For DR 25, Deduct	*-249.91*	
33 14 13 23-0330	EA	20" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,738.62	105.37
		For DR 25, Deduct	*-271.67*	
33 14 13 23-0331	EA	20" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,904.34	106.12
		For DR 25, Deduct	*-281.53*	
33 14 13 23-0332	EA	20" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,969.49	106.86
		For DR 25, Deduct	*-285.35*	
33 14 13 23-0333	EA	20" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,042.19	111.34
		For DR 25, Deduct	*-289.17*	
33 14 13 23-0334	EA	20" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,121.79	119.29
		For DR 25, Deduct	*-292.99*	
33 14 13 23-0335	EA	20" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,232.99	123.27
		For DR 25, Deduct	*-299.19*	
33 14 13 23-0336	EA	20" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,348.21	129.23
		For DR 25, Deduct	*-305.39*	
33 14 13 23-0337	EA	20" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,436.97	139.17
		For DR 25, Deduct	*-309.52*	
33 14 13 23-0338	EA	24" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,576.69	140.16
		For DR 25, Deduct	*-317.78*	
33 14 13 23-0339	EA	24" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,647.10	140.91
		For DR 25, Deduct	*-321.92*	
33 14 13 23-0340	EA	24" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,717.47	141.66
		For DR 25, Deduct	*-326.05*	
33 14 13 23-0341	EA	24" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,006.56	146.14
		For DR 25, Deduct	*-342.86*	
33 14 13 23-0342	EA	24" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,302.59	154.08
		For DR 25, Deduct	*-359.67*	
33 14 13 23-0343	EA	24" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,590.69	158.06
		For DR 25, Deduct	*-376.47*	
33 14 13 23-0344	EA	24" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,882.76	164.03
		For DR 25, Deduct	*-393.28*	
33 14 13 23-0345	EA	24" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,182.79	173.96
		For DR 25, Deduct	*-410.09*	
33 14 13 23-0346	EA	24" x 20" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,482.81	183.91
		For DR 25, Deduct	*-426.90*	

33 14 13 23-0347 Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0348	EA	4" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	331.04	24.06
		For DR 25, Deduct	*-16.98*	
33 14 13 23-0349	EA	6" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	597.12	27.07
		For DR 25, Deduct	*-32.58*	
33 14 13 23-0350	EA	8" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	827.84	30.08
		For DR 25, Deduct	*-46.06*	
33 14 13 23-0351	EA	10" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,691.07	47.71
		For DR 25, Deduct	*-95.74*	
33 14 13 23-0352	EA	12" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,005.19	59.64
		For DR 25, Deduct	*-113.15*	
33 14 13 23-0353	EA	14" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,654.24	79.53
		For DR 25, Deduct	*-209.71*	
33 14 13 23-0354	EA	16" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,534.78	99.41
		For DR 25, Deduct	*-260.17*	
33 14 13 23-0355	EA	18" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,773.46	159.05
		For DR 25, Deduct	*-327.32*	
33 14 13 23-0356	EA	20" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,932.11	198.82
		For DR 25, Deduct	*-392.07*	
33 14 13 23-0357	EA	24" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	9,780.20	268.40
		For DR 25, Deduct	*-554.60*	

33 14 13 23-0358 Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0359	EA	6" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	579.11	25.57
		For DR 25, Deduct	*-31.68*	
33 14 13 23-0360	EA	8" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	787.59	27.07
		For DR 25, Deduct	*-44.01*	
33 14 13 23-0361	EA	8" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	807.59	28.57
		For DR 25, Deduct	*-45.03*	
33 14 13 23-0362	EA	10" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,212.16	35.79
		For DR 25, Deduct	*-68.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0363	EA	10" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,414.15	37.28
		For DR 25, Deduct	*-80.38*	
33 14 13 23-0364	EA	10" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,553.86	38.77
		For DR 25, Deduct	*-88.58*	
33 14 13 23-0365	EA	12" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,593.08	51.69
		For DR 25, Deduct	*-89.38*	
33 14 13 23-0366	EA	12" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,832.03	53.18
		For DR 25, Deduct	*-103.54*	
33 14 13 23-0367	EA	12" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,945.75	54.68
		For DR 25, Deduct	*-110.18*	
33 14 13 23-0368	EA	12" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,988.45	63.62
		For DR 25, Deduct	*-111.67*	
33 14 13 23-0369	EA	14" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,013.23	59.64
		For DR 25, Deduct	*-173.64*	
33 14 13 23-0370	EA	14" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,136.08	61.13
		For DR 25, Deduct	*-180.83*	
33 14 13 23-0371	EA	14" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,260.24	62.63
		For DR 25, Deduct	*-188.10*	
33 14 13 23-0372	EA	14" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,398.83	71.57
		For DR 25, Deduct	*-195.34*	
33 14 13 23-0373	EA	14" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,550.41	87.48
		For DR 25, Deduct	*-202.53*	
33 14 13 23-0374	EA	16" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,757.86	71.57
		For DR 25, Deduct	*-216.88*	
33 14 13 23-0375	EA	16" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,882.34	73.06
		For DR 25, Deduct	*-224.17*	
33 14 13 23-0376	EA	16" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,005.47	74.55
		For DR 25, Deduct	*-231.38*	
33 14 13 23-0377	EA	16" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,143.94	83.50
		For DR 25, Deduct	*-238.62*	
33 14 13 23-0378	EA	16" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,209.90	99.41
		For DR 25, Deduct	*-240.66*	
33 14 13 23-0379	EA	16" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,431.46	107.36
		For DR 25, Deduct	*-253.00*	
33 14 13 23-0380	EA	18" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,639.50	91.46
		For DR 25, Deduct	*-267.40*	
33 14 13 23-0381	EA	18" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,763.67	92.95
		For DR 25, Deduct	*-274.67*	
33 14 13 23-0382	EA	18" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,886.99	94.44
		For DR 25, Deduct	*-281.89*	
33 14 13 23-0383	EA	18" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,023.66	103.39
		For DR 25, Deduct	*-289.01*	
33 14 13 23-0384	EA	18" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,176.68	119.29
		For DR 25, Deduct	*-296.29*	
33 14 13 23-0385	EA	18" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,312.37	127.24
		For DR 25, Deduct	*-303.47*	
33 14 13 23-0386	EA	18" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,485.28	139.17
		For DR 25, Deduct	*-312.42*	
33 14 13 23-0387	EA	20" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,883.08	111.34
		For DR 25, Deduct	*-339.62*	
33 14 13 23-0388	EA	20" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,091.01	112.83
		For DR 25, Deduct	*-351.92*	
33 14 13 23-0389	EA	20" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,174.17	114.32
		For DR 25, Deduct	*-356.73*	
33 14 13 23-0390	EA	20" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,271.38	123.27
		For DR 25, Deduct	*-361.49*	
33 14 13 23-0391	EA	20" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,382.54	139.17
		For DR 25, Deduct	*-366.25*	
33 14 13 23-0392	EA	20" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,526.62	147.12
		For DR 25, Deduct	*-373.94*	
33 14 13 23-0393	EA	20" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,681.22	159.05
		For DR 25, Deduct	*-381.79*	
33 14 13 23-0394	EA	20" x 18" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,806.84	178.94
		For DR 25, Deduct	*-386.94*	
33 14 13 23-0395	EA	24" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,874.48	146.14
		For DR 25, Deduct	*-394.93*	
33 14 13 23-0396	EA	24" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,002.25	147.63
		For DR 25, Deduct	*-402.42*	
33 14 13 23-0397	EA	24" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,091.69	149.12
		For DR 25, Deduct	*-407.61*	
33 14 13 23-0398	EA	24" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,459.36	158.06
		For DR 25, Deduct	*-428.59*	
33 14 13 23-0399	EA	24" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,841.07	173.96
		For DR 25, Deduct	*-449.59*	
33 14 13 23-0400	EA	24" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	8,206.79	181.92
		For DR 25, Deduct	*-470.58*	
33 14 13 23-0401	EA	24" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	8,581.98	193.85
		For DR 25, Deduct	*-491.66*	
33 14 13 23-0402	EA	24" x 18" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	8,970.82	213.73
		For DR 25, Deduct	*-512.60*	
33 14 13 23-0403	EA	24" x 20" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	9,361.17	233.61
		For DR 25, Deduct	*-533.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0404		**Couplings, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)** *(33 14 13 23-0245)*		
33 14 13 23-0405	EA	4" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	119.46	12.03
		For DR 25, Deduct	*-5.72*	
33 14 13 23-0406	EA	6" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	223.99	13.54
		For DR 25, Deduct	*-11.82*	
33 14 13 23-0407	EA	8" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	269.80	15.04
		For DR 25, Deduct	*-14.38*	
33 14 13 23-0408	EA	10" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	383.04	23.86
		For DR 25, Deduct	*-20.12*	
33 14 13 23-0409	EA	12" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	610.62	29.82
		For DR 25, Deduct	*-33.06*	
33 14 13 23-0410	EA	14" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,061.34	39.77
		For DR 25, Deduct	*-58.91*	
33 14 13 23-0411	EA	16" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,256.86	49.71
		For DR 25, Deduct	*-69.45*	
33 14 13 23-0412	EA	18" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,015.29	79.53
		For DR 25, Deduct	*-171.37*	
33 14 13 23-0413	EA	20" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,378.70	99.41
		For DR 25, Deduct	*-190.79*	
33 14 13 23-0414	EA	24" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,758.21	134.20
		For DR 25, Deduct	*-269.39*	
33 14 13 23-0415		**Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)** *(33 14 13 23-0245)*		
33 14 13 23-0416	EA	4" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	148.51	12.03
		For DR 25, Deduct	*-7.47*	
33 14 13 23-0417	EA	6" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	202.19	13.54
		For DR 25, Deduct	*-10.51*	
33 14 13 23-0418	EA	8" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	294.63	15.04
		For DR 25, Deduct	*-15.87*	
33 14 13 23-0419	EA	10" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	402.40	23.86
		For DR 25, Deduct	*-21.28*	
33 14 13 23-0420	EA	12" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	644.62	39.77
		For DR 25, Deduct	*-33.91*	
33 14 13 23-0421	EA	14" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,720.41	47.71
		For DR 25, Deduct	*-97.50*	
33 14 13 23-0422	EA	16" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,329.64	59.64
		For DR 25, Deduct	*-132.62*	
33 14 13 23-0423	EA	18" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,869.47	79.53
		For DR 25, Deduct	*-162.63*	
33 14 13 23-0424	EA	20" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,427.53	99.41
		For DR 25, Deduct	*-193.72*	
33 14 13 23-0425	EA	24" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,656.32	134.20
		For DR 25, Deduct	*-263.28*	
33 14 13 23-0426		**AWWA C906, High Density Polyethylene (HDPE) Pressure Piping** *(33 14 13 23)*		
		Note: ASTM D3350 pipe, ASTM D2657 heat fusion.		
33 14 13 23-0427		**High Density Polyethylene (HDPE) Pressure Pipe** *(33 14 13 23-0426)*		
33 14 13 23-0428	LF	3" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	8.98	2.98
		For SDR 19, Add	*0.27*	
		For SDR 17, Add	*0.66*	
		For SDR 15.5, Add	*0.96*	
		For SDR 13.5, Add	*1.50*	
		For SDR 11, Add	*2.42*	
33 14 13 23-0429	LF	4" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	9.30	3.78
		For SDR 26, Deduct	*-0.32*	
		For SDR 19, Add	*0.16*	
		For SDR 17, Add	*0.39*	
		For SDR 15.5, Add	*0.57*	
		For SDR 13.5, Add	*0.88*	
		For SDR 11, Add	*1.42*	
33 14 13 23-0430	LF	6" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	12.94	4.59
		For SDR 26, Deduct	*-0.69*	
		For SDR 19, Add	*0.34*	
		For SDR 17, Add	*0.84*	
		For SDR 15.5, Add	*1.22*	
		For SDR 13.5, Add	*1.91*	
		For SDR 11, Add	*3.07*	
33 14 13 23-0431	LF	8" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	16.71	5.16
		For SDR 26, Deduct	*-1.17*	
		For SDR 19, Add	*0.58*	
		For SDR 17, Add	*1.42*	
		For SDR 15.5, Add	*2.08*	
		For SDR 13.5, Add	*3.25*	
		For SDR 11, Add	*5.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0432	LF	10" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	21.40	5.74
		For SDR 26, Deduct	*-1.82*	
		For SDR 19, Add	*0.89*	
		For SDR 17, Add	*2.21*	
		For SDR 15.5, Add	*3.23*	
		For SDR 13.5, Add	*5.04*	
		For SDR 11, Add	*8.12*	
33 14 13 23-0433	LF	12" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	27.04	64.23
		For SDR 26, Deduct	*-2.62*	
		For SDR 19, Add	*1.29*	
		For SDR 17, Add	*3.18*	
		For SDR 15.5, Add	*4.66*	
		For SDR 13.5, Add	*7.27*	
		For SDR 11, Add	*11.70*	
33 14 13 23-0434	LF	14" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	31.17	7.22
		For SDR 26, Deduct	*-3.08*	
		For SDR 19, Add	*1.51*	
		For SDR 17, Add	*3.74*	
		For SDR 15.5, Add	*5.48*	
		For SDR 13.5, Add	*8.55*	
		For SDR 11, Add	*13.76*	
33 14 13 23-0435	LF	16" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	38.03	8.03
		For SDR 26, Deduct	*-4.03*	
		For SDR 19, Add	*1.98*	
		For SDR 17, Add	*4.88*	
		For SDR 15.5, Add	*7.15*	
		For SDR 13.5, Add	*11.16*	
		For SDR 11, Add	*17.97*	
33 14 13 23-0436	LF	18" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	47.10	9.63
		For SDR 26, Deduct	*-5.09*	
		For SDR 19, Add	*2.50*	
		For SDR 17, Add	*6.17*	
		For SDR 15.5, Add	*9.04*	
		For SDR 13.5, Add	*14.11*	
		For SDR 11, Add	*22.71*	
33 14 13 23-0437	LF	20" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	118.45	11.47
		For SDR 26, Deduct	*-17.51*	
		For SDR 19, Add	*8.60*	
		For SDR 17, Add	*21.22*	
		For SDR 15.5, Add	*31.08*	
		For SDR 13.5, Add	*48.51*	
		For SDR 11, Add	*78.08*	
33 14 13 23-0438	LF	24" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	76.97	13.77
		For SDR 26, Deduct	*-9.06*	
		For SDR 19, Add	*4.45*	
		For SDR 17, Add	*10.99*	
		For SDR 15.5, Add	*16.09*	
		For SDR 13.5, Add	*25.11*	
		For SDR 11, Add	*40.42*	
33 14 13 23-0439		90 Degree Elbows, High Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23-0426)*		
33 14 13 23-0440	EA	3" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	58.67	15.04
		For SDR 26, Deduct	*-2.48*	
		For SDR 19, Add	*1.22*	
		For SDR 17, Add	*3.01*	
		For SDR 15.5, Add	*4.41*	
		For SDR 13.5, Add	*6.88*	
		For SDR 11, Add	*11.08*	
33 14 13 23-0441	EA	4" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	66.27	16.72
		For SDR 26, Deduct	*-2.96*	
		For SDR 19, Add	*1.45*	
		For SDR 17, Add	*3.59*	
		For SDR 15.5, Add	*5.25*	
		For SDR 13.5, Add	*8.20*	
		For SDR 11, Add	*13.19*	
33 14 13 23-0442	EA	6" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	100.20	19.11
		For SDR 26, Deduct	*-7.87*	
		For SDR 19, Add	*3.86*	
		For SDR 17, Add	*9.54*	
		For SDR 15.5, Add	*13.97*	
		For SDR 13.5, Add	*21.81*	
		For SDR 11, Add	*35.10*	
33 14 13 23-0443	EA	8" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	156.63	22.30
		For SDR 26, Deduct	*-16.45*	
		For SDR 19, Add	*8.08*	
		For SDR 17, Add	*19.94*	
		For SDR 15.5, Add	*29.21*	
		For SDR 13.5, Add	*45.59*	
		For SDR 11, Add	*73.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0444	EA	10" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	238.94	29.78
		For SDR 26, Deduct	*-27.46*	
		For SDR 19, Add	*13.48*	
		For SDR 17, Add	*33.29*	
		For SDR 15.5, Add	*48.75*	
		For SDR 13.5, Add	*76.09*	
		For SDR 11, Add	*122.47*	
33 14 13 23-0445	EA	12" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	353.03	44.57
		For SDR 26, Deduct	*-40.21*	
		For SDR 19, Add	*19.74*	
		For SDR 17, Add	*48.75*	
		For SDR 15.5, Add	*71.39*	
		For SDR 13.5, Add	*111.42*	
		For SDR 11, Add	*179.34*	
33 14 13 23-0446	EA	14" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	439.87	59.48
		For SDR 26, Deduct	*-47.94*	
		For SDR 19, Add	*23.54*	
		For SDR 17, Add	*58.11*	
		For SDR 15.5, Add	*85.10*	
		For SDR 13.5, Add	*132.63*	
		For SDR 11, Add	*213.79*	
33 14 13 23-0447	EA	16" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	580.48	89.14
		For SDR 26, Deduct	*-57.41*	
		For SDR 19, Add	*28.19*	
		For SDR 17, Add	*69.59*	
		For SDR 15.5, Add	*101.91*	
		For SDR 13.5, Add	*159.06*	
		For SDR 11, Add	*256.02*	
33 14 13 23-0448	EA	18" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	727.00	100.27
		For SDR 26, Deduct	*-78.12*	
		For SDR 19, Add	*38.36*	
		For SDR 17, Add	*94.70*	
		For SDR 15.5, Add	*138.68*	
		For SDR 13.5, Add	*216.46*	
		For SDR 11, Add	*348.40*	
33 14 13 23-0449	EA	20" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	985.79	113.80
		For SDR 26, Deduct	*-117.47*	
		For SDR 19, Add	*57.68*	
		For SDR 17, Add	*142.40*	
		For SDR 15.5, Add	*208.54*	
		For SDR 13.5, Add	*325.50*	
		For SDR 11, Add	*523.92*	
33 14 13 23-0450	EA	24" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,256.66	133.76
		For SDR 26, Deduct	*-156.83*	
		For SDR 19, Add	*77.00*	
		For SDR 17, Add	*190.11*	
		For SDR 15.5, Add	*278.41*	
		For SDR 13.5, Add	*434.55*	
		For SDR 11, Add	*699.44*	

33 14 13 23-0451 Tees, High Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23-0426)*

33 14 13 23-0452	EA	3" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	64.85	15.74
		For SDR 26, Deduct	*-3.25*	
		For SDR 19, Add	*1.59*	
		For SDR 17, Add	*3.94*	
		For SDR 15.5, Add	*5.77*	
		For SDR 13.5, Add	*9.00*	
		For SDR 11, Add	*14.49*	
33 14 13 23-0453	EA	4" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	74.31	17.83
		For SDR 26, Deduct	*-3.82*	
		For SDR 19, Add	*1.88*	
		For SDR 17, Add	*4.64*	
		For SDR 15.5, Add	*6.79*	
		For SDR 13.5, Add	*10.59*	
		For SDR 11, Add	*17.05*	
33 14 13 23-0454	EA	6" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	116.20	20.58
		For SDR 26, Deduct	*-9.99*	
		For SDR 19, Add	*4.91*	
		For SDR 17, Add	*12.11*	
		For SDR 15.5, Add	*17.74*	
		For SDR 13.5, Add	*27.69*	
		For SDR 11, Add	*44.57*	
33 14 13 23-0455	EA	8" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	211.21	24.32
		For SDR 26, Deduct	*-25.35*	
		For SDR 19, Add	*12.45*	
		For SDR 17, Add	*30.73*	
		For SDR 15.5, Add	*45.01*	
		For SDR 13.5, Add	*70.25*	
		For SDR 11, Add	*113.07*	
33 14 13 23-0456	EA	10" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	289.19	35.70
		For SDR 26, Deduct	*-33.40*	
		For SDR 19, Add	*16.40*	
		For SDR 17, Add	*40.49*	
		For SDR 15.5, Add	*59.29*	
		For SDR 13.5, Add	*92.55*	
		For SDR 11, Add	*148.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0457	EA	12" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	409.28	53.55
		For SDR 26, Deduct	*-45.61*	
		For SDR 19, Add	*22.39*	
		For SDR 17, Add	*55.29*	
		For SDR 15.5, Add	*80.97*	
		For SDR 13.5, Add	*126.38*	
		For SDR 11, Add	*203.41*	
33 14 13 23-0458	EA	14" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	493.26	66.88
		For SDR 26, Deduct	*-53.66*	
		For SDR 19, Add	*26.35*	
		For SDR 17, Add	*65.04*	
		For SDR 15.5, Add	*95.25*	
		For SDR 13.5, Add	*148.68*	
		For SDR 11, Add	*239.31*	
33 14 13 23-0459	EA	16" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	648.57	100.27
		For SDR 26, Deduct	*-63.72*	
		For SDR 19, Add	*31.29*	
		For SDR 17, Add	*77.24*	
		For SDR 15.5, Add	*113.12*	
		For SDR 13.5, Add	*176.56*	
		For SDR 11, Add	*284.18*	
33 14 13 23-0460	EA	18" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	833.37	116.81
		For SDR 26, Deduct	*-88.53*	
		For SDR 19, Add	*43.47*	
		For SDR 17, Add	*107.32*	
		For SDR 15.5, Add	*157.17*	
		For SDR 13.5, Add	*245.32*	
		For SDR 11, Add	*394.85*	
33 14 13 23-0461	EA	20" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,163.18	137.97
		For SDR 26, Deduct	*-136.49*	
		For SDR 19, Add	*67.02*	
		For SDR 17, Add	*165.46*	
		For SDR 15.5, Add	*242.30*	
		For SDR 13.5, Add	*378.20*	
		For SDR 11, Add	*608.74*	
33 14 13 23-0462	EA	24" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,507.60	167.25
		For SDR 26, Deduct	*-184.45*	
		For SDR 19, Add	*90.56*	
		For SDR 17, Add	*223.59*	
		For SDR 15.5, Add	*327.44*	
		For SDR 13.5, Add	*511.08*	
		For SDR 11, Add	*822.62*	
33 14 13 23-0463		AWWA C909 Oriented Polyvinyl Chloride (PVCO) Pipe *(33 14 13 23)*		
		Note: Includes hub on one end of pipe.		
33 14 13 23-0464		AWWA C909, DR 18, PC 235 Oriented Polyvinyl Chloride (PVCO) Pipe *(33 14 13 23-0463)*		
33 14 13 23-0465	LF	6" AWWA C909, DR 18, PC 235 Oriented Polyvinyl Chloride (PVCO) Pipe	17.48	4.59
33 14 13 23-0466	LF	8" AWWA C909, DR 18, PC 235 Oriented Polyvinyl Chloride (PVCO) Pipe	24.54	5.16
33 14 13 23-0467	LF	10" AWWA C909, DR 18, PC 235 Oriented Polyvinyl Chloride (PVCO) Pipe	33.10	5.74
33 14 13 23-0468	LF	12" AWWA C909, DR 18, PC 235 Oriented Polyvinyl Chloride (PVCO) Pipe	43.35	6.42
33 14 13 23-0469		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe And Fittings *(33 14 13 23)*		
33 14 13 23-0470		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe *(33 14 13 23-0469)*		
33 14 13 23-0471	LF	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	59.94	3.09
33 14 13 23-0472	LF	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	85.81	3.31
33 14 13 23-0473	LF	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	116.19	3.85
33 14 13 23-0474	LF	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	158.40	4.94
33 14 13 23-0475	LF	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	181.10	6.02
33 14 13 23-0476		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows *(33 14 13 23-0469)*		
33 14 13 23-0477	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	757.11	44.79
33 14 13 23-0478	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	1,601.10	75.10
33 14 13 23-0479	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	2,806.87	81.96
33 14 13 23-0480	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	6,694.65	88.68
33 14 13 23-0481	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	9,075.16	95.40
33 14 13 23-0482		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows *(33 14 13 23-0469)*		
33 14 13 23-0483	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	1,069.94	44.79
33 14 13 23-0484	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	1,285.50	75.10
33 14 13 23-0485	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	1,746.27	81.96
33 14 13 23-0486	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	3,446.05	88.68
33 14 13 23-0487	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	4,944.68	95.40
33 14 13 23-0488		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees *(33 14 13 23-0469)*		
33 14 13 23-0489	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	1,475.00	71.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0490	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	2,174.05	107.09
33 14 13 23-0491	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	2,887.24	114.22
33 14 13 23-0492	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	7,099.35	120.93
33 14 13 23-0493	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	10,029.10	127.64
33 14 13 23-0494		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees *(33 14 13 23-0469)*		
33 14 13 23-0495	EA	8" x 8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	1,450.72	68.07
33 14 13 23-0496	EA	10" x 10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	1,571.06	96.64
33 14 13 23-0497	EA	10" x 10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	1,796.38	101.74
33 14 13 23-0498	EA	12" x 12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	2,045.59	97.92
33 14 13 23-0499	EA	12" x 12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	2,273.67	103.08
33 14 13 23-0500	EA	12" x 12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	2,597.92	108.50
33 14 13 23-0501	EA	14" x 14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	5,101.51	98.50
33 14 13 23-0502	EA	14" x 14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	5,497.39	103.69
33 14 13 23-0503	EA	14" x 14" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	6,002.40	109.14
33 14 13 23-0504	EA	14" x 14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	6,586.12	114.89
33 14 13 23-0505	EA	16" x 16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	6,205.64	98.77
33 14 13 23-0506	EA	16" x 16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	6,920.88	103.97
33 14 13 23-0507	EA	16" x 16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	7,483.57	109.44
33 14 13 23-0508	EA	16" x 16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	8,352.29	115.20
33 14 13 23-0509	EA	16" x 16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee	9,262.66	121.26
33 14 13 23-0510		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wyes *(33 14 13 23-0469)*		
33 14 13 23-0511	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	1,489.98	71.66
33 14 13 23-0512	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	2,519.58	107.09
33 14 13 23-0513	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	3,422.05	114.22
33 14 13 23-0514	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	11,207.17	120.93
33 14 13 23-0515	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye	13,997.31	127.64
33 14 13 23-0516		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wyes *(33 14 13 23-0469)*		
33 14 13 23-0517	EA	8" x 8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	1,294.88	68.07
33 14 13 23-0518	EA	10" x 10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	1,802.04	96.64
33 14 13 23-0519	EA	10" x 10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	2,091.86	101.74
33 14 13 23-0520	EA	12" x 12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	2,417.58	97.92
33 14 13 23-0521	EA	12" x 12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	2,551.07	103.08
33 14 13 23-0522	EA	12" x 12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	3,094.82	108.50
33 14 13 23-0523	EA	14" x 14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	5,381.16	98.50
33 14 13 23-0524	EA	14" x 14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	5,813.86	103.69
33 14 13 23-0525	EA	14" x 14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	7,054.04	114.89
33 14 13 23-0526	EA	16" x 16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	6,440.97	98.77
33 14 13 23-0527	EA	16" x 16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	7,452.15	103.97
33 14 13 23-0528	EA	16" x 16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	8,356.65	109.44
33 14 13 23-0529	EA	16" x 16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	9,054.44	115.20
33 14 13 23-0530	EA	16" x 16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye	11,331.07	121.26
33 14 13 23-0531		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings *(33 14 13 23-0469)*		
33 14 13 23-0532	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	685.50	44.79
33 14 13 23-0533	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	923.15	75.10
33 14 13 23-0534	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	1,288.65	81.96
33 14 13 23-0535	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	2,593.54	88.68
33 14 13 23-0536	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling	3,880.62	95.40
33 14 13 23-0537		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Couplings *(33 14 13 23-0469)*		
33 14 13 23-0538	EA	8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	940.97	42.54
33 14 13 23-0539	EA	10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	687.64	40.42
33 14 13 23-0540	EA	10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	946.97	71.34
33 14 13 23-0541	EA	12" x 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,865.07	67.77
33 14 13 23-0542	EA	12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,737.97	64.38
33 14 13 23-0543	EA	12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,359.72	61.16
33 14 13 23-0544	EA	12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	838.18	77.86
33 14 13 23-0545	EA	14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	2,509.78	73.97
33 14 13 23-0546	EA	14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	2,111.22	70.27
33 14 13 23-0547	EA	14" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,823.52	66.75
33 14 13 23-0548	EA	14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	1,659.82	84.24
33 14 13 23-0549	EA	16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,321.21	80.02
33 14 13 23-0550	EA	16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,757.52	76.03
33 14 13 23-0551	EA	16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,597.68	72.23
33 14 13 23-0552	EA	16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,410.12	68.62
33 14 13 23-0553	EA	16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling	3,103.90	90.63
33 14 13 23-0554		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Couplings *(33 14 13 23-0469)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0555	EA	8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	815.29	76.03
33 14 13 23-0556	EA	10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,463.61	72.23
33 14 13 23-0557	EA	10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,102.36	72.23
33 14 13 23-0558	EA	12" x 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	2,867.14	68.62
33 14 13 23-0559	EA	12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,924.39	65.18
33 14 13 23-0560	EA	12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,834.73	61.93
33 14 13 23-0561	EA	12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	1,674.91	68.62
33 14 13 23-0562	EA	14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	3,078.98	65.18
33 14 13 23-0563	EA	14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	3,013.90	61.93
33 14 13 23-0564	EA	14" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	2,185.11	58.83
33 14 13 23-0565	EA	14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	2,023.62	65.18
33 14 13 23-0566	EA	16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	5,481.05	61.93
33 14 13 23-0567	EA	16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	5,296.84	58.83
33 14 13 23-0568	EA	16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	5,194.96	55.89
33 14 13 23-0569	EA	16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	4,989.26	53.09
33 14 13 23-0570	EA	16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling	4,683.33	86.10
33 14 13 23-0571		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flanges *(33 14 13 23-0469)*		
33 14 13 23-0572	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	916.53	44.79
33 14 13 23-0573	EA	10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	2,124.59	75.10
33 14 13 23-0574	EA	12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	3,111.22	81.96
33 14 13 23-0575	EA	14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	3,496.63	88.68
33 14 13 23-0576	EA	16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange	4,332.19	95.40
33 14 13 23-0577	EA	8" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	29.33	
33 14 13 23-0578	EA	10" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	38.20	
33 14 13 23-0579	EA	12" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	52.58	
33 14 13 23-0580	EA	14" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	112.47	
33 14 13 23-0581	EA	16" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket	199.55	
33 14 13 23-0582	EA	Zinc Coated Flange Hardware Kit	187.37	

33 14 13 26 Galvanized Steel Public Water Utility Distribution Piping *(33 14 13)*

See CSI section 22 11 16 00-0013 for galvanized steel pipe.

33 14 13 36 Steel Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 36-0001 Steel Piping *(33 14 13 36)*

33 14 13 36-0002 Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0001)*

Note: ASTM A252 steel pipe.

33 14 13 36-0003 Up To 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0002)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0004	LF	8" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	97.54	27.06
		For <100, Add	*11.03*	
		For >1,000, Deduct	*-4.88*	
33 14 13 36-0005	LF	8" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	115.54	27.06
		For <100, Add	*11.93*	
		For >1,000, Deduct	*-5.78*	
33 14 13 36-0006	LF	10" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	115.52	29.53
		For <100, Add	*12.49*	
		For >1,000, Deduct	*-5.78*	
33 14 13 36-0007	LF	10" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	138.27	29.53
		For <100, Add	*13.62*	
		For >1,000, Deduct	*-6.91*	
33 14 13 36-0008	LF	12" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	138.88	30.94
		For <100, Add	*13.97*	
		For >1,000, Deduct	*-6.94*	
33 14 13 36-0009	LF	12" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	156.58	30.94
		For <100, Add	*14.86*	
		For >1,000, Deduct	*-7.83*	
33 14 13 36-0010	LF	14" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	167.62	34.19
		For <100, Add	*16.15*	
		For >1,000, Deduct	*-8.38*	
33 14 13 36-0011	LF	14" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	181.76	34.19
		For <100, Add	*16.86*	
		For >1,000, Deduct	*-9.09*	
33 14 13 36-0012	LF	16" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	177.85	36.09
		For <100, Add	*17.09*	
		For >1,000, Deduct	*-8.89*	
33 14 13 36-0013	LF	16" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	188.77	36.09
		For <100, Add	*17.64*	
		For >1,000, Deduct	*-9.44*	
33 14 13 36-0014	LF	18" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	219.58	40.60
		For <100, Add	*20.21*	
		For >1,000, Deduct	*-10.98*	
33 14 13 36-0015	LF	20" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	237.48	40.60
		For <100, Add	*21.10*	
		For >1,000, Deduct	*-11.87*	

33 14 13 36-0016 5/16" To 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0017	LF	12" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	189.17	51.99
		For <100, Add	*17.63*	
		For >1,000, Deduct	*-9.46*	
33 14 13 36-0018	LF	14" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	224.02	57.20
		For <100, Add	*20.23*	
		For >1,000, Deduct	*-11.20*	
33 14 13 36-0019	LF	16" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	248.50	59.79
		For <100, Add	*21.96*	
		For >1,000, Deduct	*-12.43*	
33 14 13 36-0020	LF	18" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	280.31	67.59
		For <100, Add	*24.74*	
		For >1,000, Deduct	*-14.02*	
33 14 13 36-0021	LF	18" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	292.45	67.59
		For <100, Add	*25.35*	
		For >1,000, Deduct	*-14.62*	
33 14 13 36-0022	LF	20" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	303.67	67.59
		For <100, Add	*25.91*	
		For >1,000, Deduct	*-15.18*	
33 14 13 36-0023	LF	20" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	316.62	67.59
		For <100, Add	*26.55*	
		For >1,000, Deduct	*-15.83*	
33 14 13 36-0024	LF	24" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	366.87	77.99
		For <100, Add	*30.60*	
		For >1,000, Deduct	*-18.34*	
33 14 13 36-0025	LF	24" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	406.92	77.99
		For <100, Add	*32.60*	
		For >1,000, Deduct	*-20.35*	
33 14 13 36-0026	LF	24" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	505.21	77.99
		For <100, Add	*37.52*	
		For >1,000, Deduct	*-25.26*	
33 14 13 36-0027	LF	30" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	455.32	90.99
		For <100, Add	*37.06*	
		For >1,000, Deduct	*-22.77*	
33 14 13 36-0028	LF	30" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	471.71	90.99
		For <100, Add	*37.88*	
		For >1,000, Deduct	*-23.59*	
33 14 13 36-0029	LF	30" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	626.23	90.99
		For <100, Add	*45.61*	
		For >1,000, Deduct	*-31.31*	
33 14 13 36-0030	LF	36" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	540.27	90.99
		For <100, Add	*41.31*	
		For >1,000, Deduct	*-27.01*	
33 14 13 36-0031	LF	36" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	633.76	109.19
		For <100, Add	*48.85*	
		For >1,000, Deduct	*-31.69*	
33 14 13 36-0032	LF	36" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	753.59	109.19
		For <100, Add	*54.84*	
		For >1,000, Deduct	*-37.68*	
33 14 13 36-0033	LF	36" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	723.66	109.19
		For <100, Add	*53.34*	
		For >1,000, Deduct	*-36.18*	
33 14 13 36-0034	LF	42" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,102.95	122.18
		For <100, Add	*74.21*	
		For >1,000, Deduct	*-55.15*	
33 14 13 36-0035	LF	42" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	675.59	122.18
		For <100, Add	*52.84*	
		For >1,000, Deduct	*-33.78*	
33 14 13 36-0036	LF	48" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,264.46	137.77
		For <100, Add	*84.67*	
		For >1,000, Deduct	*-63.22*	
33 14 13 36-0037	LF	48" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	741.64	137.77
		For <100, Add	*58.53*	
		For >1,000, Deduct	*-37.08*	
33 14 13 36-0038	LF	54" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,326.34	155.97
		For <100, Add	*90.83*	
		For >1,000, Deduct	*-66.32*	
33 14 13 36-0039	LF	54" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,462.86	155.97
		For <100, Add	*97.65*	
		For >1,000, Deduct	*-73.14*	
33 14 13 36-0040	LF	60" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,636.72	181.97
		For <100, Add	*110.43*	
		For >1,000, Deduct	*-81.84*	
33 14 13 36-0041	LF	66" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,151.32	181.97
		For <100, Add	*86.16*	
		For >1,000, Deduct	*-57.57*	
33 14 13 36-0042	LF	72" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	1,285.89	149.46
		For <100, Add	*109.13*	
		For >1,000, Deduct	*-64.29*	
33 14 13 36-0043	LF	78" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	2,382.08	149.46
		For <100, Add	*163.94*	
		For >1,000, Deduct	*-119.10*	
33 14 13 36-0044		Flexible Couplings (Dresser Style 38) *(33 14 13 36-0001)*		
33 14 13 36-0045	EA	2" Dresser Coupling For Plain End Welded Steel Pipe	111.10	25.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0046	EA	3" Dresser Coupling For Plain End Welded Steel Pipe	163.74	49.94
33 14 13 36-0047	EA	4" Dresser Coupling For Plain End Welded Steel Pipe	217.90	65.92
33 14 13 36-0048	EA	6" Dresser Coupling For Plain End Welded Steel Pipe	347.45	99.88
33 14 13 36-0049	EA	8" Dresser Coupling For Plain End Welded Steel Pipe	454.77	125.84
33 14 13 36-0050	EA	10" Dresser Coupling For Plain End Welded Steel Pipe	637.84	159.18
33 14 13 36-0051	EA	12" Dresser Coupling For Plain End Welded Steel Pipe	758.62	199.51
33 14 13 36-0052	EA	14" Dresser Coupling For Plain End Welded Steel Pipe	816.45	199.51
33 14 13 36-0053	EA	16" Dresser Coupling For Plain End Welded Steel Pipe	863.13	228.16
33 14 13 36-0054	EA	18" Dresser Coupling For Plain End Welded Steel Pipe	945.07	244.08
33 14 13 36-0055	EA	20" Dresser Coupling For Plain End Welded Steel Pipe	1,030.69	275.91
33 14 13 36-0056	EA	24" Dresser Coupling For Plain End Welded Steel Pipe	1,294.21	291.83
33 14 13 36-0057	EA	30" Dresser Coupling For Plain End Welded Steel Pipe	1,546.95	318.36
33 14 13 36-0058	EA	36" Dresser Coupling For Plain End Welded Steel Pipe	1,811.82	358.16
33 14 13 36-0059	EA	42" Dresser Coupling For Plain End Welded Steel Pipe	2,089.29	403.26
33 14 13 36-0060	EA	48" Dresser Coupling For Plain End Welded Steel Pipe	2,430.61	464.27
33 14 13 36-0061	EA	54" Dresser Coupling For Plain End Welded Steel Pipe	2,698.17	530.60
33 14 13 36-0062	EA	60" Dresser Coupling For Plain End Welded Steel Pipe	3,114.58	663.25
33 14 13 36-0063	EA	66" Dresser Coupling For Plain End Welded Steel Pipe	3,593.94	806.51
33 14 13 36-0064	EA	72" Dresser Coupling For Plain End Welded Steel Pipe	4,284.67	955.08
33 14 13 36-0065		**Welded, Plain End, Cement Mortar Lined And Coated** *(33 14 13 36-0001)*		
		Note: Pipe manufacture shall be in accordance with AWWA C200, ANSI/ASTM A 139, API 5 L, or API 5 LX		
33 14 13 36-0066	LF	4" Diameter, Schedule 10 (0.12" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	63.72	20.36
33 14 13 36-0067	LF	4" Diameter, Schedule 40 (0.237" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	80.99	20.36
33 14 13 36-0068	LF	6" Diameter, Schedule 10 (0.134" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	83.64	27.06
33 14 13 36-0069	LF	6" Diameter, Schedule 40 (0.28" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	115.92	27.06
33 14 13 36-0070	LF	8" Diameter, Schedule 20 (0.25" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	136.58	27.06
33 14 13 36-0071	LF	8" Diameter, Schedule 40 (0.322" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	155.96	27.06
33 14 13 36-0072	LF	10" Diameter, Schedule 10 (0.165" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	140.11	29.53
33 14 13 36-0073	LF	10" Diameter, Schedule 20 (0.25" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	162.86	29.53
33 14 13 36-0074	LF	10" Diameter, Schedule 40 (0.365" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	168.71	29.53
33 14 13 36-0075	LF	12" Diameter, Schedule 10 (0.18" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	167.43	30.94
33 14 13 36-0076	LF	12" Diameter, Schedule 20 (0.25" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	185.12	30.94
33 14 13 36-0077	LF	12" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	237.04	30.94
33 14 13 36-0078	LF	14" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	215.16	34.19
33 14 13 36-0079	LF	14" Diameter, Schedule 20 (0.312" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	249.04	34.19
33 14 13 36-0080	LF	14" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	281.80	34.19
33 14 13 36-0081	LF	16" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	226.72	36.09
33 14 13 36-0082	LF	16" Diameter, Schedule 20 (0.312" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	277.59	36.09
33 14 13 36-0083	LF	16" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	314.58	36.09
33 14 13 36-0084	LF	18" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	262.39	40.60
33 14 13 36-0085	LF	18" Diameter, Schedule 20 (0.312" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	313.16	40.60
33 14 13 36-0086	LF	18" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	325.29	40.60
33 14 13 36-0087	LF	20" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	288.41	42.73
33 14 13 36-0088	LF	20" Diameter, Schedule 20 (0.312" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	344.64	42.73
33 14 13 36-0089	LF	20" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	344.64	42.73
33 14 13 36-0090	LF	24" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	411.60	45.74
33 14 13 36-0091	LF	24" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	451.64	45.74
33 14 13 36-0092	LF	30" Diameter, Schedule 10 (0.312" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	513.00	53.90
33 14 13 36-0093	LF	30" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Plain End, Cement Mortar Lined And Coated	529.38	53.90
33 14 13 36-0094		**Welded, Bell and Spigot, Cement Mortar Lined And Coated** *(33 14 13 36-0001)*		
		Note: Pipe manufacture shall be in accordance with AWWA C200, ANSI/ASTM A 139, API 5 L, or API 5 LX		
33 14 13 36-0095	LF	4" Diameter, Schedule 10 (0.12" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	64.19	20.36
33 14 13 36-0096	LF	4" Diameter, Schedule 40 (0.237" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	81.89	20.36
33 14 13 36-0097	LF	6" Diameter, Schedule 10 (0.134" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	84.39	27.06
33 14 13 36-0098	LF	6" Diameter, Schedule 40 (0.28" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	117.49	27.06
33 14 13 36-0099	LF	8" Diameter, Schedule 10 (0.148" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	120.00	27.06
33 14 13 36-0100	LF	8" Diameter, Schedule 20 (0.25" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	138.45	27.06
33 14 13 36-0101	LF	8" Diameter, Schedule 40 (0.322" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	157.45	27.06
33 14 13 36-0102	LF	10" Diameter, Schedule 10 (0.165" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	140.37	29.53
33 14 13 36-0103	LF	10" Diameter, Schedule 20 (0.25" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	164.99	29.53
33 14 13 36-0104	LF	10" Diameter, Schedule 40 (0.365" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	170.60	29.53
33 14 13 36-0105	LF	12" Diameter, Schedule 10 (0.18" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	169.73	30.94
33 14 13 36-0106	LF	12" Diameter, Schedule 20 (0.25" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	187.87	30.94
33 14 13 36-0107	LF	12" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	237.31	30.94
33 14 13 36-0108	LF	14" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	203.92	34.19
33 14 13 36-0109	LF	14" Diameter, Schedule 20 (0.312" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	253.13	34.19
33 14 13 36-0110	LF	14" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	282.13	34.19
33 14 13 36-0111	LF	16" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	230.07	36.09
33 14 13 36-0112	LF	16" Diameter, Schedule 20 (0.312" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	282.21	36.09
33 14 13 36-0113	LF	16" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	314.95	36.09
33 14 13 36-0114	LF	18" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	266.34	40.60
33 14 13 36-0115	LF	18" Diameter, Schedule 20 (0.312" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	318.38	40.60
33 14 13 36-0116	LF	18" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	318.38	40.60
33 14 13 36-0117	LF	20" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	292.81	42.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0118	LF	20" Diameter, Schedule 20 (0.312" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	350.44	42.73
33 14 13 36-0119	LF	20" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	363.71	42.73
33 14 13 36-0120	LF	24" Diameter, Schedule 10 (0.25" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	418.73	45.74
33 14 13 36-0121	LF	24" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	459.77	45.74
33 14 13 36-0122	LF	30" Diameter, Schedule 10 (0.312" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	522.00	53.90
33 14 13 36-0123	LF	30" Diameter, Standard Weight (0.375" Wall Thickness), Welded, Bell and Spigot, Cement Mortar Lined And Coated	538.79	53.90
33 14 13 36-0124		**Steel Pipe Fittings, Standard Wall Thickness** *(33 14 13 36-0001)*		
33 14 13 36-0125		**90 Degree Elbows, Standard Wall Thickness, Steel** *(33 14 13 36-0124)*		
33 14 13 36-0126	EA	4" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	363.08	195.95
33 14 13 36-0127	EA	6" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	638.40	323.45
33 14 13 36-0128	EA	8" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	962.69	454.63
33 14 13 36-0129	EA	10" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,284.14	519.50
33 14 13 36-0130	EA	12" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,751.81	679.78
33 14 13 36-0131	EA	14" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	2,195.94	803.47
33 14 13 36-0132	EA	16" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	2,757.00	938.24
33 14 13 36-0133	EA	18" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	3,308.01	1,046.27
33 14 13 36-0134	EA	20" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	4,285.10	1,173.11
33 14 13 36-0135	EA	24" Diameter, 90 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	5,140.25	1,212.25
33 14 13 36-0136		**45 Degree Elbows, Standard Wall Thickness, Steel** *(33 14 13 36-0124)*		
33 14 13 36-0137	EA	4" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	348.08	195.95
33 14 13 36-0138	EA	6" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	601.50	323.45
33 14 13 36-0139	EA	8" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	947.27	454.63
33 14 13 36-0140	EA	10" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,158.41	519.50
33 14 13 36-0141	EA	12" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,569.50	679.78
33 14 13 36-0142	EA	14" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,949.17	803.47
33 14 13 36-0143	EA	16" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	2,419.23	938.24
33 14 13 36-0144	EA	18" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	2,873.28	1,046.27
33 14 13 36-0145	EA	20" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	3,646.14	1,173.11
33 14 13 36-0146	EA	24" Diameter, 45 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	4,305.20	1,212.25
33 14 13 36-0147		**22.5 Degree Elbows, Standard Wall Thickness, Steel** *(33 14 13 36-0124)*		
33 14 13 36-0148	EA	4" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	342.97	195.95
33 14 13 36-0149	EA	6" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	589.41	323.45
33 14 13 36-0150	EA	8" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	871.47	454.63
33 14 13 36-0151	EA	10" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,119.47	519.50
33 14 13 36-0152	EA	12" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,513.03	679.78
33 14 13 36-0153	EA	14" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,872.38	803.47
33 14 13 36-0154	EA	16" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	2,314.55	938.24
33 14 13 36-0155	EA	18" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	2,738.53	1,046.27
33 14 13 36-0156	EA	20" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	3,450.41	1,173.11
33 14 13 36-0157	EA	24" Diameter, 22.5 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	4,022.17	1,212.25
33 14 13 36-0158		**11.25 Degree Elbows, Standard Wall Thickness, Steel** *(33 14 13 36-0124)*		
33 14 13 36-0159	EA	4" Diameter, 11.25 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	345.40	195.95
33 14 13 36-0160	EA	6" Diameter, 11.25 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	595.40	323.45
33 14 13 36-0161	EA	8" Diameter, 11.25 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	882.59	454.63
33 14 13 36-0162	EA	10" Diameter, 11.25 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,139.89	519.50
33 14 13 36-0163	EA	12" Diameter, 11.25 Degree Elbow, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,542.63	679.78
33 14 13 36-0164		**Tees, Standard Wall Thickness, Steel** *(33 14 13 36-0124)*		
33 14 13 36-0165	EA	4"x4"x4" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	564.35	293.92
33 14 13 36-0166	EA	6"x6"x6" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	941.41	485.06
33 14 13 36-0167	EA	8"x8"x8" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,412.17	681.90
33 14 13 36-0168	EA	10"x10"x10" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	1,812.82	779.31
33 14 13 36-0169	EA	12"x12"x12" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	2,501.05	1,019.66
33 14 13 36-0170	EA	14"x14"x14" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	3,349.67	1,205.32
33 14 13 36-0171	EA	16"x16"x16" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	3,985.42	1,407.41
33 14 13 36-0172	EA	18"x18"x18" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	5,361.00	1,569.40
33 14 13 36-0173	EA	20"x20"x20" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	7,222.90	1,759.71
33 14 13 36-0174	EA	24"x24"x24" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	8,370.48	1,818.32
33 14 13 36-0175	EA	30"x30"x30" Tees, Standard Wall Thickness, Plain End, Cement Mortar Lined And Coated	11,927.20	2,140.98
33 14 13 36-0176		**Concentric Reducers, Standard Wall Thickness, Steel** *(33 14 13 36-0124)*		
33 14 13 36-0177	EA	6" x 4", Concentric Reducer, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	662.75	323.45
33 14 13 36-0178	EA	8" x 4", Concentric Reducer, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	980.15	454.63
33 14 13 36-0179	EA	8" x 6", Concentric Reducer, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	918.77	454.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0180	EA	10" x 8", Concentric Reducer, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	1,228.68	519.50
33 14 13 36-0181	EA	12" x 4", Concentric Reducer, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	2,503.83	679.78
33 14 13 36-0182	EA	12" x 6", Concentric Reducer, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	1,687.26	679.78
33 14 13 36-0183	EA	12" x 8", Concentric Reducer, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	1,659.41	679.78
33 14 13 36-0184	EA	12" x 10", Concentric Reducer, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	1,582.49	679.78
33 14 13 36-0185		**Reducing Tees, Standard Wall Thickness, Steel** *(33 14 13 36-0124)*		
33 14 13 36-0186	EA	6"x6"x4", Reducing Tee, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	942.23	485.06
33 14 13 36-0187	EA	8"x8"x6", Reducing Tee, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	1,413.74	681.90
33 14 13 36-0188	EA	10"x10"x 8" Reducing Tees, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	1,815.49	779.31
33 14 13 36-0189	EA	12"x12"x6" Reducing Tees, Steel, Standard Wall Thickness, Plain Ends, Class 150, Cement Mortar Lined And Coated	2,505.07	1,019.66
33 14 13 36-0190		**Slip-on Flanges, Steel, Class 150** *(33 14 13 36-0124)*		
33 14 13 36-0191	EA	4" Slip-on Flange, Steel, Class 150	195.03	97.98
33 14 13 36-0192	EA	6" Slip-on Flange, Steel, Class 150	316.62	161.72
33 14 13 36-0193	EA	8" Slip-on Flange, Steel, Class 150	453.59	227.26
33 14 13 36-0194	EA	10" Slip-on Flange, Steel, Class 150	584.19	259.81
33 14 13 36-0195	EA	12" Slip-on Flange, Steel, Class 150	816.83	339.88
33 14 13 36-0196	EA	14" Slip-on Flange, Steel, Class 150	1,051.31	401.74
33 14 13 36-0197	EA	16" Slip-on Flange, Steel, Class 150	1,307.84	469.17
33 14 13 36-0198	EA	18" Slip-on Flange, Steel, Class 150	1,461.98	523.09
33 14 13 36-0199	EA	20" Slip-on Flange, Steel, Class 150	1,649.77	586.61
33 14 13 36-0200	EA	24" Slip-on Flange, Steel, Class 150	1,774.29	606.07
33 14 13 36-0201	EA	30" Slip-on Flange, Steel, Class 150	2,368.35	713.66
33 14 13 36-0202		**Slip-on Flanges, Steel, Class 250** *(33 14 13 36-0124)*		
33 14 13 36-0203	EA	4" Slip-on Flange, Steel, Class 250	231.17	97.98
33 14 13 36-0204	EA	6" Slip-on Flange, Steel, Class 250	372.23	161.72
33 14 13 36-0205	EA	8" Slip-on Flange, Steel, Class 250	538.20	227.26
33 14 13 36-0206	EA	10" Slip-on Flange, Steel, Class 250	730.26	259.81
33 14 13 36-0207	EA	12" Slip-on Flange, Steel, Class 250	1,047.29	339.88
33 14 13 36-0208	EA	14" Slip-on Flange, Steel, Class 250	1,388.02	401.74
33 14 13 36-0209	EA	16" Slip-on Flange, Steel, Class 250	1,761.18	469.17
33 14 13 36-0210	EA	18" Slip-on Flange, Steel, Class 250	1,970.28	523.09
33 14 13 36-0211	EA	20" Slip-on Flange, Steel, Class 250	2,227.54	586.61
33 14 13 36-0212	EA	24" Slip-on Flange, Steel, Class 250	2,423.47	606.07
33 14 13 36-0213	EA	30" Slip-on Flange, Steel, Class 250	3,407.04	713.66
33 14 13 36-0214		**Blind Flanges, Steel, Class 150** *(33 14 13 36-0124)*		
33 14 13 36-0215	EA	4" Blind Flange, Steel, Class 150	197.82	97.98
33 14 13 36-0216	EA	6" Blind Flange, Steel, Class 150	319.71	161.72
33 14 13 36-0217	EA	8" Blind Flange, Steel, Class 150	463.31	227.26
33 14 13 36-0218	EA	10" Blind Flange, Steel, Class 150	628.71	259.81
33 14 13 36-0219	EA	12" Blind Flange, Steel, Class 150	848.20	339.88
33 14 13 36-0220	EA	14" Blind Flange, Steel, Class 150	1,299.64	401.74
33 14 13 36-0221	EA	16" Blind Flange, Steel, Class 150	1,438.34	469.17
33 14 13 36-0222	EA	18" Blind Flange, Steel, Class 150	1,582.50	523.09
33 14 13 36-0223	EA	20" Blind Flange, Steel, Class 150	1,972.37	586.61
33 14 13 36-0224	EA	24" Blind Flange, Steel, Class 150	2,473.47	606.07
33 14 13 36-0225	EA	30" Blind Flange, Steel, Class 150	3,511.02	713.66
33 14 13 36-0226		**Blind Flanges, Steel, Class 250** *(33 14 13 36-0124)*		
33 14 13 36-0227	EA	4" Blind Flange, Steel, Class 250	236.05	97.98
33 14 13 36-0228	EA	6" Blind Flange, Steel, Class 250	377.64	161.72
33 14 13 36-0229	EA	8" Blind Flange, Steel, Class 250	555.20	227.26
33 14 13 36-0230	EA	10" Blind Flange, Steel, Class 250	808.16	259.81
33 14 13 36-0231	EA	12" Blind Flange, Steel, Class 250	1,102.19	339.88
33 14 13 36-0232	EA	14" Blind Flange, Steel, Class 250	1,822.59	401.74
33 14 13 36-0233	EA	16" Blind Flange, Steel, Class 250	1,989.57	469.17
33 14 13 36-0234	EA	18" Blind Flange, Steel, Class 250	2,181.19	523.09
33 14 13 36-0235	EA	20" Blind Flange, Steel, Class 250	2,792.09	586.61
33 14 13 36-0236	EA	24" Blind Flange, Steel, Class 250	3,647.04	606.07
33 14 13 36-0237	EA	30" Blind Flange, Steel, Class 250	5,341.78	713.66
33 14 13 36-0238		**Screw Flanges, Steel, Class 150** *(33 14 13 36-0124)*		
33 14 13 36-0239	EA	4" Diameter, Screw Flange, Steel, Class 150	191.70	97.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0240	EA	6" Diameter, Screw Flange, Steel, Class 150	311.48	161.72
33 14 13 36-0241	EA	8" Diameter, Screw Flange, Steel, Class 150	448.85	227.26
33 14 13 36-0242	EA	10" Diameter, Screw Flange, Steel, Class 150	547.34	259.81
33 14 13 36-0243	EA	12" Diameter, Screw Flange, Steel, Class 150	739.79	339.88
33 14 13 36-0244		**Screw Flanges, Steel, Class 250** *(33 14 13 36-0124)*		
33 14 13 36-0245	EA	4" Diameter, Screw Flange, Steel, Class 250	229.57	97.98
33 14 13 36-0246	EA	6" Diameter, Screw Flange, Steel, Class 250	369.75	161.72
33 14 13 36-0247	EA	8" Diameter, Screw Flange, Steel, Class 250	540.11	227.26
33 14 13 36-0248	EA	10" Diameter, Screw Flange, Steel, Class 250	680.68	259.81
33 14 13 36-0249	EA	12" Diameter, Screw Flange, Steel, Class 250	934.21	339.88
33 14 13 36-0250		**Steel Flange Gaskets** *(33 14 13 36-0124)*		
33 14 13 36-0251		**1/16" Thick Cloth-Inserted Rubber Flange Gasket, Class 150 (Tripac)** *(33 14 13 36-0250)*		
		Note: Labor installation is included with pipe fittings or valves.		
33 14 13 36-0252	EA	4" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	1.82	
33 14 13 36-0253	EA	6" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	2.86	
33 14 13 36-0254	EA	8" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	3.82	
33 14 13 36-0255	EA	10" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	5.89	
33 14 13 36-0256	EA	12" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	7.70	
33 14 13 36-0257	EA	14" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	8.83	
33 14 13 36-0258	EA	16" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	11.00	
33 14 13 36-0259	EA	18" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	12.50	
33 14 13 36-0260	EA	20" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	16.14	
33 14 13 36-0261	EA	24" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	19.83	
33 14 13 36-0262	EA	30" Cloth-Inserted Rubber Flange Gasket, 1/16" Thick, Class 150 (Tripac)	30.10	
33 14 13 36-0263		**1/8" Thick Cloth-Inserted Rubber Flange Gasket, Class 250 (Tripac)** *(33 14 13 36-0250)*		
		Note: Labor installation is included with pipe fittings or valves.		
33 14 13 36-0264	EA	4" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	5.59	
33 14 13 36-0265	EA	6" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	10.44	
33 14 13 36-0266	EA	8" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	14.80	
33 14 13 36-0267	EA	10" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	18.83	
33 14 13 36-0268	EA	12" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	22.79	
33 14 13 36-0269	EA	14" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	28.32	
33 14 13 36-0270	EA	16" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	33.63	
33 14 13 36-0271	EA	18" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	46.38	
33 14 13 36-0272	EA	20" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	52.16	
33 14 13 36-0273	EA	24" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	72.49	
33 14 13 36-0274	EA	30" Cloth-Inserted Rubber Flange Gasket, 1/8" Thick, Class 250 (Tripac)	127.99	
33 14 13 36-0275		**Steel Flange Bolt Packs** *(33 14 13 36-0124)*		
33 14 13 36-0276		**Class 150, Steel Flange Bolt Packs** *(33 14 13 36-0275)*		
		Note: Includes plain finish A307B bolts, A563 heavy hex nut and two structural washers. Labor installation is included with pipe fittings or valves.		
33 14 13 36-0277	EA	1" Pipe Diameter, Class 150, Steel Flange Bolt Pack	9.06	
		For Zinc Plated, Add	*2.54*	
		For Hot Dip Galvanized, Add	*3.62*	
		For Advanced Fluoropolymer (Blue Coating), Add	*6.34*	
33 14 13 36-0278	EA	1-1/4" Pipe Diameter, Class 150, Steel Flange Bolt Pack	10.16	
		For Zinc Plated, Add	*2.84*	
		For Hot Dip Galvanized, Add	*4.06*	
		For Advanced Fluoropolymer (Blue Coating), Add	*7.11*	
33 14 13 36-0279	EA	1-1/2" Pipe Diameter, Class 150, Steel Flange Bolt Pack	10.16	
		For Zinc Plated, Add	*2.84*	
		For Hot Dip Galvanized, Add	*4.06*	
		For Advanced Fluoropolymer (Blue Coating), Add	*7.11*	
33 14 13 36-0280	EA	2" Pipe Diameter, Class 150, Steel Flange Bolt Pack	13.09	
		For Zinc Plated, Add	*3.67*	
		For Hot Dip Galvanized, Add	*5.24*	
		For Advanced Fluoropolymer (Blue Coating), Add	*9.16*	
33 14 13 36-0281	EA	2-1/2" Pipe Diameter, Class 150, Steel Flange Bolt Pack	13.18	
		For Zinc Plated, Add	*3.69*	
		For Hot Dip Galvanized, Add	*5.27*	
		For Advanced Fluoropolymer (Blue Coating), Add	*9.23*	
33 14 13 36-0282	EA	3" Pipe Diameter, Class 150, Steel Flange Bolt Pack	13.18	
		For Zinc Plated, Add	*3.69*	
		For Hot Dip Galvanized, Add	*5.27*	
		For Advanced Fluoropolymer (Blue Coating), Add	*9.23*	
33 14 13 36-0283	EA	4" Pipe Diameter, Class 150, Steel Flange Bolt Pack	30.78	
		For Zinc Plated, Add	*8.62*	
		For Hot Dip Galvanized, Add	*12.31*	
		For Advanced Fluoropolymer (Blue Coating), Add	*21.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0284	EA	5" Pipe Diameter, Class 150, Steel Flange Bolt Pack	44.09	
		For Zinc Plated, Add	*12.35*	
		For Hot Dip Galvanized, Add	*17.64*	
		For Advanced Fluoropolymer (Blue Coating), Add	*30.86*	
33 14 13 36-0285	EA	6" Pipe Diameter, Class 150, Steel Flange Bolt Pack	47.49	
		For Zinc Plated, Add	*13.30*	
		For Hot Dip Galvanized, Add	*19.00*	
		For Advanced Fluoropolymer (Blue Coating), Add	*33.24*	
33 14 13 36-0286	EA	8" Pipe Diameter, Class 150, Steel Flange Bolt Pack	51.56	
		For Zinc Plated, Add	*14.44*	
		For Hot Dip Galvanized, Add	*20.62*	
		For Advanced Fluoropolymer (Blue Coating), Add	*36.09*	
33 14 13 36-0287	EA	10" Pipe Diameter, Class 150, Steel Flange Bolt Pack	115.82	
		For Zinc Plated, Add	*32.43*	
		For Hot Dip Galvanized, Add	*46.33*	
		For Advanced Fluoropolymer (Blue Coating), Add	*81.07*	
33 14 13 36-0288	EA	12" Pipe Diameter, Class 150, Steel Flange Bolt Pack	116.84	
		For Zinc Plated, Add	*32.72*	
		For Hot Dip Galvanized, Add	*46.74*	
		For Advanced Fluoropolymer (Blue Coating), Add	*81.79*	
33 14 13 36-0289	EA	14" Pipe Diameter, Class 150, Steel Flange Bolt Pack	130.91	
		For Zinc Plated, Add	*36.65*	
		For Hot Dip Galvanized, Add	*52.36*	
		For Advanced Fluoropolymer (Blue Coating), Add	*91.64*	
33 14 13 36-0290	EA	16" Pipe Diameter, Class 150, Steel Flange Bolt Pack	220.07	
		For Zinc Plated, Add	*61.62*	
		For Hot Dip Galvanized, Add	*88.03*	
		For Advanced Fluoropolymer (Blue Coating), Add	*154.05*	
33 14 13 36-0291	EA	18" Pipe Diameter, Class 150, Steel Flange Bolt Pack	319.70	
		For Zinc Plated, Add	*89.52*	
		For Hot Dip Galvanized, Add	*127.88*	
		For Advanced Fluoropolymer (Blue Coating), Add	*223.79*	
33 14 13 36-0292	EA	20" Pipe Diameter, Class 150, Steel Flange Bolt Pack	403.66	
		For Zinc Plated, Add	*113.02*	
		For Hot Dip Galvanized, Add	*161.46*	
		For Advanced Fluoropolymer (Blue Coating), Add	*282.56*	
33 14 13 36-0293	EA	22" Pipe Diameter, Class 150, Steel Flange Bolt Pack	577.56	
		For Zinc Plated, Add	*161.72*	
		For Hot Dip Galvanized, Add	*231.02*	
		For Advanced Fluoropolymer (Blue Coating), Add	*404.29*	
33 14 13 36-0294	EA	24" Pipe Diameter, Class 150, Steel Flange Bolt Pack	577.56	
		For Zinc Plated, Add	*161.72*	
		For Hot Dip Galvanized, Add	*231.02*	
		For Advanced Fluoropolymer (Blue Coating), Add	*404.29*	
33 14 13 36-0295	EA	30" Pipe Diameter, Class 150, Steel Flange Bolt Pack	912.64	
		For Zinc Plated, Add	*255.54*	
		For Hot Dip Galvanized, Add	*365.06*	
		For Advanced Fluoropolymer (Blue Coating), Add	*638.85*	
33 14 13 36-0296	EA	36" Pipe Diameter, Class 150 Steel Flange, Bolt Set Note: Includes thirty-two (32) 1-1/2" diameter plain finish bolts with washers and nut.	1,301.90	
		For Zinc Plated, Add	*364.53*	
		For Hot Dip Galvanized, Add	*520.76*	
		For Advanced Fluoropolymer (Blue Coating), Add	*911.33*	

33 14 13 36-0297 Class 300, Steel Flange Bolt Packs *(33 14 13 36-0275)*

Note: Includes plain finish A307B bolts, A563 heavy hex nut and two structural washers. Labor installation is included with pipe fittings or valves.

33 14 13 36-0298	EA	1" Pipe Diameter, Class 300, Steel Flange Bolt Pack	13.18	
		For Zinc Plated, Add	*3.69*	
		For Hot Dip Galvanized, Add	*5.27*	
		For Advanced Fluoropolymer (Blue Coating), Add	*9.23*	
33 14 13 36-0299	EA	1-1/4" Pipe Diameter, Class 300, Steel Flange Bolt Pack	13.18	
		For Zinc Plated, Add	*3.69*	
		For Hot Dip Galvanized, Add	*5.27*	
		For Advanced Fluoropolymer (Blue Coating), Add	*9.23*	
33 14 13 36-0300	EA	1-1/2" Pipe Diameter, Class 300, Steel Flange Bolt Pack	14.75	
		For Zinc Plated, Add	*4.13*	
		For Hot Dip Galvanized, Add	*5.90*	
		For Advanced Fluoropolymer (Blue Coating), Add	*10.33*	
33 14 13 36-0301	EA	2" Pipe Diameter, Class 300, Steel Flange Bolt Pack	29.50	
		For Zinc Plated, Add	*8.26*	
		For Hot Dip Galvanized, Add	*11.80*	
		For Advanced Fluoropolymer (Blue Coating), Add	*20.65*	
33 14 13 36-0302	EA	2-1/2" Pipe Diameter, Class 300, Steel Flange Bolt Pack	47.49	
		For Zinc Plated, Add	*13.30*	
		For Hot Dip Galvanized, Add	*19.00*	
		For Advanced Fluoropolymer (Blue Coating), Add	*33.24*	
33 14 13 36-0303	EA	3" Pipe Diameter, Class 300, Steel Flange Bolt Pack	51.56	
		For Zinc Plated, Add	*14.44*	
		For Hot Dip Galvanized, Add	*20.62*	
		For Advanced Fluoropolymer (Blue Coating), Add	*36.09*	
33 14 13 36-0304	EA	3-1/2" Pipe Diameter, Class 300, Steel Flange Bolt Pack	51.56	
		For Zinc Plated, Add	*14.44*	
		For Hot Dip Galvanized, Add	*20.62*	
		For Advanced Fluoropolymer (Blue Coating), Add	*36.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0305	EA	4" Pipe Diameter, Class 300, Steel Flange Bolt Pack	52.50	
		For Zinc Plated, Add	*14.70*	
		For Hot Dip Galvanized, Add	*21.00*	
		For Advanced Fluoropolymer (Blue Coating), Add	*36.75*	
33 14 13 36-0306	EA	5" Pipe Diameter, Class 300, Steel Flange Bolt Pack	53.35	
		For Zinc Plated, Add	*14.94*	
		For Hot Dip Galvanized, Add	*21.34*	
		For Advanced Fluoropolymer (Blue Coating), Add	*37.35*	
33 14 13 36-0307	EA	6" Pipe Diameter, Class 300, Steel Flange Bolt Pack	80.02	
		For Zinc Plated, Add	*22.41*	
		For Hot Dip Galvanized, Add	*32.01*	
		For Advanced Fluoropolymer (Blue Coating), Add	*56.01*	
33 14 13 36-0308	EA	8" Pipe Diameter, Class 300, Steel Flange Bolt Pack	125.12	
		For Zinc Plated, Add	*35.03*	
		For Hot Dip Galvanized, Add	*50.05*	
		For Advanced Fluoropolymer (Blue Coating), Add	*87.58*	
33 14 13 36-0309	EA	10" Pipe Diameter, Class 300, Steel Flange Bolt Pack	234.67	
		For Zinc Plated, Add	*65.71*	
		For Hot Dip Galvanized, Add	*93.87*	
		For Advanced Fluoropolymer (Blue Coating), Add	*164.27*	
33 14 13 36-0310	EA	12" Pipe Diameter, Class 300, Steel Flange Bolt Pack	341.61	
		For Zinc Plated, Add	*95.65*	
		For Hot Dip Galvanized, Add	*136.64*	
		For Advanced Fluoropolymer (Blue Coating), Add	*239.13*	
33 14 13 36-0311	EA	14" Pipe Diameter, Class 300, Steel Flange Bolt Pack	469.48	
		For Zinc Plated, Add	*131.45*	
		For Hot Dip Galvanized, Add	*187.79*	
		For Advanced Fluoropolymer (Blue Coating), Add	*328.64*	
33 14 13 36-0312	EA	16" Pipe Diameter, Class 300, Steel Flange Bolt Pack	651.88	
		For Zinc Plated, Add	*182.53*	
		For Hot Dip Galvanized, Add	*260.75*	
		For Advanced Fluoropolymer (Blue Coating), Add	*456.32*	
33 14 13 36-0313	EA	18" Pipe Diameter, Class 300, Steel Flange Bolt Pack	835.01	
		For Zinc Plated, Add	*233.80*	
		For Hot Dip Galvanized, Add	*334.00*	
		For Advanced Fluoropolymer (Blue Coating), Add	*584.51*	
33 14 13 36-0314	EA	20" Pipe Diameter, Class 300, Steel Flange Bolt Pack	884.18	
		For Zinc Plated, Add	*247.57*	
		For Hot Dip Galvanized, Add	*353.67*	
		For Advanced Fluoropolymer (Blue Coating), Add	*618.93*	
33 14 13 36-0315	EA	24" Pipe Diameter, Class 300, Steel Flange Bolt Pack	1,116.57	
		For Zinc Plated, Add	*312.64*	
		For Hot Dip Galvanized, Add	*446.63*	
		For Advanced Fluoropolymer (Blue Coating), Add	*781.60*	
33 14 13 36-0316	EA	30" Pipe Diameter, Class 300, Steel Flange Bolt Pack	1,743.82	
		For Zinc Plated, Add	*488.27*	
		For Hot Dip Galvanized, Add	*697.53*	
		For Advanced Fluoropolymer (Blue Coating), Add	*1,220.67*	

33 14 13 36-0317 Flanged Steel Pipe Fittings, Standard Wall Thickness *(33 14 13 36-0001)*

See CSI section 33 14 13 36-0276 for bolt pack.

33 14 13 36-0318 Flanged 90 Degree Elbows, Standard Wall Thickness, Steel *(33 14 13 36-0317)*

33 14 13 36-0319	EA	4" Diameter, 90 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	462.75	195.95
33 14 13 36-0320	EA	6" Diameter, 90 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	791.75	323.45
33 14 13 36-0321	EA	8" Diameter, 90 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,202.84	454.63
33 14 13 36-0322	EA	10" Diameter, 90 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,635.04	519.50
33 14 13 36-0323	EA	12" Diameter, 90 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	2,263.45	679.78

33 14 13 36-0324 Flanged 45 Degree Elbows, Standard Wall Thickness, Steel *(33 14 13 36-0317)*

33 14 13 36-0325	EA	4" Diameter, 45 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	447.74	195.95
33 14 13 36-0326	EA	6" Diameter, 45 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	754.85	323.45
33 14 13 36-0327	EA	8" Diameter, 45 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,187.42	454.63
33 14 13 36-0328	EA	10" Diameter, 45 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,509.31	519.50
33 14 13 36-0329	EA	12" Diameter, 45 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	2,081.13	679.78

33 14 13 36-0330 Flanged 22.5 Degree Elbows, Standard Wall Thickness, Steel *(33 14 13 36-0317)*

33 14 13 36-0331	EA	4" Diameter, 22.5 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	442.63	195.95
33 14 13 36-0332	EA	6" Diameter, 22.5 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	742.77	323.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0333	EA	8" Diameter, 22.5 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,111.62	454.63
33 14 13 36-0334	EA	10" Diameter, 22.5 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,470.37	519.50
33 14 13 36-0335	EA	12" Diameter, 22.5 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	2,024.66	679.78
33 14 13 36-0336		**Flanged 11.25 Degree Elbows, Standard Wall Thickness, Steel** *(33 14 13 36-0317)*		
33 14 13 36-0337	EA	4" Diameter, 11.25 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	445.07	195.95
33 14 13 36-0338	EA	6" Diameter, 11.25 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	748.76	323.45
33 14 13 36-0339	EA	8" Diameter, 11.25 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,122.74	454.63
33 14 13 36-0340	EA	10" Diameter, 11.25 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,490.78	519.50
33 14 13 36-0341	EA	12" Diameter, 11.25 Degree Elbow, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	2,054.26	679.78
33 14 13 36-0342		**Flanged Tees, Standard Wall Thickness, Steel** *(33 14 13 36-0317)*		
33 14 13 36-0343	EA	4"x4"x4", Tee, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	713.85	293.92
33 14 13 36-0344	EA	6"x6"x6", Tee, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,171.44	485.06
33 14 13 36-0345	EA	8"x8"x8", Tee, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,772.40	681.90
33 14 13 36-0346	EA	10"x10"x10" Tees, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	2,339.16	779.31
33 14 13 36-0347	EA	12"x12"x12" Tees, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	3,268.50	1,019.66
33 14 13 36-0348		**Flanged Reducing Tees, Standard Wall Thickness, Steel** *(33 14 13 36-0317)*		
33 14 13 36-0349	EA	6"x6"x4", Reducing Tee, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,145.42	485.06
33 14 13 36-0350	EA	8"x8"x6", Reducing Tee, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,730.57	681.90
33 14 13 36-0351	EA	10"x10"x 8" Reducing Tees, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	2,286.46	779.31
33 14 13 36-0352	EA	12"x12"x6" Reducing Tees, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	3,093.38	1,019.66
33 14 13 36-0353		**Flanged Eccentric Reducers, Standard Wall Thickness, Steel** *(33 14 13 36-0317)*		
33 14 13 36-0354	EA	6" x 4", Eccentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	882.04	323.45
33 14 13 36-0355	EA	8" x 4", Eccentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,471.13	454.63
33 14 13 36-0356	EA	8" x 6", Eccentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,227.80	454.63
33 14 13 36-0357	EA	10" x 8", Eccentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,536.18	519.50
33 14 13 36-0358	EA	12" x 4", Eccentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	2,030.81	679.78
33 14 13 36-0359	EA	12" x 6", Eccentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	3,089.31	679.78
33 14 13 36-0360	EA	12" x 8", Eccentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	2,491.28	679.78
33 14 13 36-0361	EA	12" x 10", Eccentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	2,167.19	679.78
33 14 13 36-0362		**Flanged Concentric Reducers, Standard Wall Thickness, Steel** *(33 14 13 36-0317)*		
33 14 13 36-0363	EA	6" x 4", Concentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	789.26	323.45
33 14 13 36-0364	EA	8" x 4", Concentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,150.06	454.63
33 14 13 36-0365	EA	8" x 6", Concentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,115.52	454.63
33 14 13 36-0366	EA	10" x 8", Concentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	1,524.21	519.50
33 14 13 36-0367	EA	12" x 4", Concentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	2,809.48	679.78
33 14 13 36-0368	EA	12" x 6", Concentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	2,019.76	679.78
33 14 13 36-0369	EA	12" x 8", Concentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	2,035.30	679.78
33 14 13 36-0370	EA	12" x 10", Concentric Reducer, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	2,013.76	679.78
33 14 13 36-0371		**Flanged Crosses, Standard Wall Thickness, Steel** *(33 14 13 36-0317)*		
33 14 13 36-0372	EA	8" x 8" x 8" x 8", Crosses, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	2,404.00	905.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0373	EA	12" x 12" x 12" x 12", Crosses, Steel, Standard Wall Thickness, Flanged Ends, Class 150, Cement Mortar Lined And Coated	4,476.80	1,357.76
33 14 13 36-0374		**Grooved-Joint Pipe, Cement Mortar Lined And Coated** *(33 14 13 36)*		
		Note: Excludes fittings, elbow, tee, reducer fitting or couplings.		
33 14 13 36-0375	LF	3" Diameter, Schedule 40, AGS, Cement Mortar Lined And Coated	74.55	23.71
33 14 13 36-0376	LF	4" Diameter, Schedule 40, AGS, Cement Mortar Lined And Coated	93.64	26.39
33 14 13 36-0377	LF	6" Diameter, Schedule 40, AGS, Cement Mortar Lined And Coated	166.31	46.30
33 14 13 36-0378	LF	8" Diameter, Schedule 40, AGS, Cement Mortar Lined And Coated	224.05	52.46
33 14 13 36-0379	LF	10" Diameter, Schedule 40, AGS, Cement Mortar Lined And Coated	303.53	62.63
33 14 13 36-0380	LF	12" Diameter, Schedule 40, AGS, Cement Mortar Lined And Coated	365.01	71.91
33 14 13 36-0381		**Grooved-Joint Pipe Fittings** *(33 14 13 36)*		
33 14 13 36-0382		**90 Degree Grooved Elbow** *(33 14 13 36-0381)*		
33 14 13 36-0383	EA	3" 90 Degree Elbow, Steel, AGS, Schedule 40	185.60	36.01
33 14 13 36-0384	EA	4" 90 Degree Elbow, Steel, AGS, Schedule 40	214.59	47.54
33 14 13 36-0385	EA	6" 90 Degree Elbow, Steel, AGS, Schedule 40	522.07	77.73
33 14 13 36-0386	EA	8" 90 Degree Elbow, Steel, AGS, Schedule 40	992.28	92.49
33 14 13 36-0387	EA	10" 90 Degree Elbow, Steel, AGS, Schedule 40	1,491.71	107.93
33 14 13 36-0388	EA	12" 90 Degree Elbow, Steel, AGS, Schedule 40	2,325.78	129.51
33 14 13 36-0389		**45 Degree Grooved Elbow** *(33 14 13 36-0381)*		
33 14 13 36-0390	EA	3" 45 Degree Elbow, Steel, AGS, Schedule 40	185.55	36.01
33 14 13 36-0391	EA	4" 45 Degree Elbow, Steel, AGS, Schedule 40	214.59	47.54
33 14 13 36-0392	EA	6" 45 Degree Elbow, Steel, AGS, Schedule 40	522.07	77.73
33 14 13 36-0393	EA	8" 45 Degree Elbow, Steel, AGS, Schedule 40	992.28	92.49
33 14 13 36-0394	EA	10" 45 Degree Elbow, Steel, AGS, Schedule 40	1,491.71	107.93
33 14 13 36-0395	EA	12" 45 Degree Elbow, Steel, AGS, Schedule 40	2,325.78	129.51
33 14 13 36-0396		**22.5 Degree Grooved Elbow** *(33 14 13 36-0381)*		
33 14 13 36-0397	EA	3" 22.5 Degree Elbow, Steel, AGS, Schedule 40	169.40	36.01
33 14 13 36-0398	EA	4" 22.5 Degree Elbow, Steel, AGS, Schedule 40	226.00	47.54
33 14 13 36-0399	EA	6" 22.5 Degree Elbow, Steel, AGS, Schedule 40	554.96	77.73
33 14 13 36-0400	EA	8" 22.5 Degree Elbow, Steel, AGS, Schedule 40	1,056.09	92.49
33 14 13 36-0401	EA	10" 22.5 Degree Elbow, Steel, AGS, Schedule 40	1,421.29	107.93
33 14 13 36-0402	EA	12" 22.5 Degree Elbow, Steel, AGS, Schedule 40	1,896.87	129.51
33 14 13 36-0403		**11.25 Degree Grooved Elbow** *(33 14 13 36-0381)*		
33 14 13 36-0404	EA	3" 11.25 Degree Elbow, Steel, AGS, Schedule 40	169.39	36.01
33 14 13 36-0405	EA	4" 11.25 Degree Elbow, Steel, AGS, Schedule 40	225.99	47.54
33 14 13 36-0406	EA	6" 11.25 Degree Elbow, Steel, AGS, Schedule 40	554.94	77.73
33 14 13 36-0407	EA	8" 11.25 Degree Elbow, Steel, AGS, Schedule 40	1,056.03	92.49
33 14 13 36-0408	EA	10" 11.25 Degree Elbow, Steel, AGS, Schedule 40	1,421.22	107.93
33 14 13 36-0409	EA	12" 11.25 Degree Elbow, Steel, AGS, Schedule 40	1,896.78	129.51
33 14 13 36-0410		**Grooved Couplings** *(33 14 13 36-0381)*		
33 14 13 36-0411	EA	3" Coupling, Steel, AGS, Schedule 40	71.45	17.78
33 14 13 36-0412	EA	4" Coupling, Steel, AGS, Schedule 40	107.91	23.71
33 14 13 36-0413	EA	6" Coupling, Steel, AGS, Schedule 40	189.26	38.81
33 14 13 36-0414	EA	8" Coupling, Steel, AGS, Schedule 40	282.91	46.30
33 14 13 36-0415	EA	10" Coupling, Steel, AGS, Schedule 40	438.15	55.47
33 14 13 36-0416	EA	12" Coupling, Steel, AGS, Schedule 40	495.13	60.73
33 14 13 39		**Copper Public Water Utility Distribution Piping** *(33 14 13)*		
33 14 13 39-0001		**Type L Copper Water Distribution Piping** *(33 14 13 39)*		
33 14 13 39-0002	LF	1/2" Type L Copper Water Distribution Pipe	7.32	1.91
33 14 13 39-0003	LF	3/4" Type L Copper Water Distribution Pipe	9.31	2.15
33 14 13 39-0004	LF	1" Type L Copper Water Distribution Pipe	12.36	2.39
33 14 13 39-0005	LF	1-1/4" Type L Copper Water Distribution Pipe	15.51	2.86
33 14 13 39-0006	LF	1-1/2" Type L Copper Water Distribution Pipe	19.16	3.82
33 14 13 39-0007	LF	2" Type L Copper Water Distribution Pipe	28.12	4.78
33 14 13 39-0008	LF	2-1/2" Type L Copper Water Distribution Pipe	35.43	5.74
33 14 13 39-0009	LF	3" Type L Copper Water Distribution Pipe	44.61	6.31
33 14 13 39-0010	LF	3-1/2" Type L Copper Water Distribution Pipe	59.90	7.93
33 14 13 39-0011	LF	4" Type L Copper Water Distribution Pipe	79.19	10.03
33 14 13 39-0012	LF	5" Type L Copper Water Distribution Pipe	128.37	12.52
33 14 13 39-0013	LF	6" Type L Copper Water Distribution Pipe	166.05	15.10
33 14 13 39-0014	LF	8" Type L Copper Water Distribution Pipe	288.01	16.91
33 14 13 39-0015		**Type K Copper Water Distribution Piping** *(33 14 13 39)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 39-0016	LF	1/2" Type K Copper Water Distribution Pipe	7.83	1.91
33 14 13 39-0017	LF	3/4" Type K Copper Water Distribution Pipe	11.08	2.15
33 14 13 39-0018	LF	1" Type K Copper Water Distribution Pipe	14.12	2.39
33 14 13 39-0019	LF	1-1/4" Type K Copper Water Distribution Pipe	16.60	2.86
33 14 13 39-0020	LF	1-1/2" Type K Copper Water Distribution Pipe	20.78	3.82
33 14 13 39-0021	LF	2" Type K Copper Water Distribution Pipe	30.29	4.78
33 14 13 39-0022	LF	2-1/2" Type K Copper Water Distribution Pipe	41.44	5.74
33 14 13 39-0023	LF	3" Type K Copper Water Distribution Pipe	53.61	6.31
33 14 13 39-0024	LF	3-1/2" Type K Copper Water Distribution Pipe	70.49	7.93
33 14 13 39-0025	LF	4" Type K Copper Water Distribution Pipe	95.25	10.03
33 14 13 39-0026	LF	5" Type K Copper Water Distribution Pipe	161.61	12.52
33 14 13 39-0027	LF	6" Type K Copper Water Distribution Pipe	225.82	15.10
33 14 13 39-0028	LF	8" Type K Copper Water Distribution Pipe	398.31	16.91
33 14 13 39-0029		Copper Flare x Female Copper Flare Service Fitting Coupling *(33 14 13 39)*		
		Note: Mueller H-15405		
33 14 13 39-0030	EA	3/4" Copper Flare x Female Copper Flare Service Fitting Coupling	37.32	
33 14 13 39-0031	EA	1" Copper Flare x Female Copper Flare Service Fitting Coupling	53.22	
33 14 13 39-0032	EA	1-1/2" Copper Flare x Female Copper Flare Service Fitting Coupling	129.89	
33 14 13 39-0033	EA	2" Copper Flare x Female Copper Flare Service Fitting Coupling	165.43	
33 14 13 39-0034		Copper Flare x Female Iron Pipe Service Fitting Coupling *(33 14 13 39)*		
		Note: Mueller H-15450		
33 14 13 39-0035	EA	1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling	43.82	
33 14 13 39-0036	EA	3/4" Copper Flare x Female Iron Pipe Service Fitting Coupling	37.50	
33 14 13 39-0037	EA	1" Copper Flare x Female Iron Pipe Service Fitting Coupling	51.71	
33 14 13 39-0038	EA	1-1/4" Copper Flare x Female Iron Pipe Service Fitting Coupling	76.59	
33 14 13 39-0039	EA	1-1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling	99.43	
33 14 13 39-0040	EA	2" Copper Flare x Female Iron Pipe Service Fitting Coupling	160.11	
33 14 13 39-0041		Copper Flare x Male Iron Pipe Service Fitting Coupling *(33 14 13 39)*		
		Note: Mueller H-15425		
33 14 13 39-0042	EA	1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling	37.63	
33 14 13 39-0043	EA	3/4" Copper Flare x Male Iron Pipe Service Fitting Coupling	37.61	
33 14 13 39-0044	EA	1" Copper Flare x Male Iron Pipe Service Fitting Coupling	50.38	
33 14 13 39-0045	EA	1-1/4" Copper Flare x Male Iron Pipe Service Fitting Coupling	76.59	
33 14 13 39-0046	EA	1-1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling	104.26	
33 14 13 39-0047	EA	2" Copper Flare x Male Iron Pipe Service Fitting Coupling	166.08	
33 14 13 39-0048		Brass Fittings *(33 14 13 39)*		
33 14 13 39-0049		Brass Compression Reducer Coupling *(33 14 13 39-0048)*		
33 14 13 39-0050	EA	3/4" x 1" Brass Compression Reducer Coupling	46.72	14.64
33 14 13 39-0051	EA	1" x 3/4" Brass Compression Reducer Coupling	36.48	14.64
33 14 13 39-0052	EA	1-1/2" x 1" Brass Compression Reducer Coupling	78.05	22.23
33 14 13 39-0053	EA	2" x 1-1/2" Brass Compression Reducer Coupling	96.57	28.20
33 14 13 39-0054		Copper Compression x Male NPT Brass Coupling *(33 14 13 39-0048)*		
		Note: A. Y. McDonald 74753Q		
33 14 13 39-0055	EA	3/4" Copper Compression x Male NPT Brass Coupling	48.46	16.27
33 14 13 39-0056	EA	3/4" x 1" Copper Compression x Male NPT Brass Coupling	55.36	18.98
33 14 13 39-0057	EA	1" Copper Compression x Male NPT Brass Coupling	56.84	18.98
33 14 13 39-0058	EA	1" x 3/4" Copper Compression x Male NPT Brass Coupling	55.61	18.98
33 14 13 39-0059	EA	1-1/4" Copper Compression x Male NPT Brass Coupling	76.41	21.69
33 14 13 39-0060	EA	1-1/4" x 1" Copper Compression x Male NPT Brass Coupling	74.17	21.69
33 14 13 39-0061	EA	1-1/2" Copper Compression x Male NPT Brass Coupling	101.51	27.12
33 14 13 39-0062	EA	2" Copper Compression x Male NPT Brass Coupling	134.00	32.54
33 14 13 39-0063		Brass Nipples *(33 14 13 39-0048)*		
33 14 13 39-0064	EA	3/4" x 6" Long Brass Nipple	34.56	6.78
33 14 13 39-0065	EA	1" x 6" Long Brass Nipple	45.24	7.32
33 14 13 39-0066	EA	1-1/2" x 6" Long Brass Nipple	69.52	7.87
33 14 13 39-0067		Brass "H" Style Meter Insetters *(33 14 13 39-0048)*		
33 14 13 39-0068	EA	5/8" x 3/4" Compression End, Brass "H" Style Meter Insetters	268.08	29.96
33 14 13 39-0069	EA	5/8" x 3/4" Threaded End, Brass "H" Style Meter Insetters	168.99	29.96
33 14 13 39-0070		Meter Setters - Resetter, Brass *(33 14 13 39-0048)*		
33 14 13 39-0071	EA	1" Meter, 10" High Brass Meter Setter - Resetter	723.59	29.96
		Note: Male meter thread, bottom inlet/outlet, angle ball valve, top inlet/outlet with meter nuts.		

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CSI		MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43			**Public Water Utility Distribution Piping Coatings and Wraps** *(33 14 13)*		
33 14 13 43-0001			Pipe Coatings *(33 14 13 43)*		
33 14 13 43-0002			Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating *(33 14 13 43-0001)*		
			Note: Applied at fabrication shop.		
33 14 13 43-0003	LF		8" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	3.89	
33 14 13 43-0004	LF		10" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	4.63	
33 14 13 43-0005	LF		12" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	5.46	
33 14 13 43-0006	LF		14" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	7.26	
33 14 13 43-0007	LF		16" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	8.28	
33 14 13 43-0008	LF		18" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	8.70	
33 14 13 43-0009	LF		20" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	9.37	
33 14 13 43-0010	LF		24" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	10.92	
33 14 13 43-0011	LF		30" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	14.34	
33 14 13 43-0012	LF		36" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	22.66	
33 14 13 43-0013	LF		42" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	48.84	
33 14 13 43-0014	LF		48" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	55.82	
33 14 13 43-0015	LF		54" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	62.80	
33 14 13 43-0016	LF		60" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	69.77	
33 14 13 43-0017	LF		66" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	76.75	
33 14 13 43-0018	LF		72" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	83.69	
33 14 13 43-0019	LF		78" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	90.71	
33 14 13 43-0020			Cement Coating With Fiberglass Or Wire Mesh Reinforcing *(33 14 13 43-0001)*		
			Note: Applied at fabrication shop. Thickness ranging between 1" and 2".		
33 14 13 43-0021	LF		4" Diameter Cement Coated Pipe 1" To 2" Mesh	8.21	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0022	LF		6" Diameter Cement Coated Pipe 1" To 2" Mesh	10.10	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0023	LF		8" Diameter Cement Coated Pipe 1" To 2" Mesh	12.63	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0024	LF		10" Diameter Cement Coated Pipe 1" To 2" Mesh	14.07	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0025	LF		12" Diameter Cement Coated Pipe 1" To 2" Mesh	15.89	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0026	LF		14" Diameter Cement Coated Pipe 1" To 2" Mesh	18.59	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0027	LF		16" Diameter Cement Coated Pipe 1" To 2" Mesh	21.12	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0028	LF		18" Diameter Cement Coated Pipe 1" To 2" Mesh	23.83	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0029	LF		20" Diameter Cement Coated Pipe 1" To 2" Mesh	26.48	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0030	LF		24" Diameter Cement Coated Pipe 1" To 2" Mesh	31.77	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0031	LF		30" Diameter Cement Coated Pipe 1" To 2" Mesh	39.71	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0032	LF		36" Diameter Cement Coated Pipe 1" To 2" Mesh	47.66	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0033	LF		42" Diameter Cement Coated Pipe 1" To 2" Mesh	25.10	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0034	LF		48" Diameter Cement Coated Pipe 1" To 2" Mesh	28.68	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0035	LF		54" Diameter Cement Coated Pipe 1" To 2" Mesh	32.27	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0036	LF		60" Diameter Cement Coated Pipe 1" To 2" Mesh	35.85	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0037	LF		66" Diameter Cement Coated Pipe 1" To 2" Mesh	39.44	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0038	LF		72" Diameter Cement Coated Pipe 1" To 2" Mesh	43.02	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0039	LF		78" Diameter Cement Coated Pipe 1" To 2" Mesh	46.61	
			Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0040			Pipe Lining *(33 14 13 43)*		
33 14 13 43-0041			Cement Pipe Lining *(33 14 13 43-0040)*		
			Note: Shop applied.		
33 14 13 43-0042	LF		4" Outside Diameter, 1/4" Thick Cement Pipe Lining	12.67	
			For 1/2" Thick, Add	*1.09*	
33 14 13 43-0043	LF		6" Outside Diameter, 1/4" Thick Cement Pipe Lining	15.72	
			For 1/2" Thick, Add	*1.35*	
33 14 13 43-0044	LF		8" Outside Diameter, 1/4" Thick Cement Pipe Lining	19.22	
			For 1/2" Thick, Add	*1.68*	
33 14 13 43-0045	LF		10" Outside Diameter, 1/4" Thick Cement Pipe Lining	24.92	
			For 1/2" Thick, Add	*2.10*	
33 14 13 43-0046	LF		12" Outside Diameter, 1/4" Thick Cement Pipe Lining	30.66	
			For 1/2" Thick, Add	*2.53*	
33 14 13 43-0047	LF		14" Outside Diameter, 1/4" Thick Cement Pipe Lining	39.11	
			For 1/2" Thick, Add	*2.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0048	LF	16" Outside Diameter, 1/4" Thick Cement Pipe Lining	50.58	
		For 1/2" Thick, Add	*3.37*	
33 14 13 43-0049	LF	18" Outside Diameter, 5/16" Thick Cement Pipe Lining	60.37	
		For 1/2" Thick, Add	*3.23*	
33 14 13 43-0050	LF	20" Outside Diameter, 5/16" Thick Cement Pipe Lining	72.85	
		For 1/2" Thick, Add	*3.59*	
33 14 13 43-0051	LF	24" Outside Diameter, 5/16" Thick Cement Pipe Lining	88.30	
		For 1/2" Thick, Add	*4.30*	
33 14 13 43-0052	LF	30" Outside Diameter, 5/16" Thick Cement Pipe Lining	106.33	
		For 1/2" Thick, Add	*5.38*	
33 14 13 43-0053	LF	36" Outside Diameter, 5/16" Thick Cement Pipe Lining	127.96	
		For 1/2" Thick, Add	*6.45*	
33 14 13 43-0054	LF	42" Outside Diameter, 3/8" Thick Cement Pipe Lining	149.32	
		For 1/2" Thick, Add	*5.54*	
33 14 13 43-0055	LF	48" Outside Diameter, 3/8" Thick Cement Pipe Lining	170.59	
		For 1/2" Thick, Add	*6.33*	
33 14 13 43-0056	LF	54" Outside Diameter, 3/8" Thick Cement Pipe Lining	191.94	
		For 1/2" Thick, Add	*7.12*	
33 14 13 43-0057	LF	60" Outside Diameter, 3/8" Thick Cement Pipe Lining	213.30	
		For 1/2" Thick, Add	*7.91*	
33 14 13 43-0058	LF	66" Outside Diameter, 7/16" Thick Cement Pipe Lining	234.57	
		For 1/2" Thick, Add	*4.64*	
33 14 13 43-0059	LF	72" Outside Diameter, 7/16" Thick Cement Pipe Lining	255.92	
		For 1/2" Thick, Add	*5.06*	
33 14 13 43-0060	LF	78" Outside Diameter, 7/16" Thick Cement Pipe Lining	277.28	
		For 1/2" Thick, Add	*5.48*	
33 14 13 43-0061		**Cement Fitting Lining** *(33 14 13 43-0040)*		
		Note: Shop applied.		
33 14 13 43-0062	EA	4" Outside Diameter, 1/4" Thick Cement Fitting Lining	12.67	
		For 1/2" Thick, Add	*1.09*	
33 14 13 43-0063	EA	6" Outside Diameter, 1/4" Thick Cement Fitting Lining	15.72	
		For 1/2" Thick, Add	*1.35*	
33 14 13 43-0064	EA	8" Outside Diameter, 1/4" Thick Cement Fitting Lining	24.44	
		For 1/2" Thick, Add	*2.19*	
33 14 13 43-0065	EA	10" Outside Diameter, 1/4" Thick Cement Fitting Lining	40.23	
		For 1/2" Thick, Add	*3.37*	
33 14 13 43-0066	EA	12" Outside Diameter, 1/4" Thick Cement Fitting Lining	61.31	
		For 1/2" Thick, Add	*5.06*	
33 14 13 43-0067	EA	14" Outside Diameter, 1/4" Thick Cement Fitting Lining	90.76	
		For 1/2" Thick, Add	*6.81*	
33 14 13 43-0068	EA	16" Outside Diameter, 1/4" Thick Cement Fitting Lining	133.74	
		For 1/2" Thick, Add	*8.75*	
33 14 13 43-0069	EA	18" Outside Diameter, 5/16" Thick Cement Fittings Lining	181.14	
		For 1/2" Thick, Add	*9.68*	
33 14 13 43-0070	EA	20" Outside Diameter, 5/16" Thick Cement Fitting Lining	242.69	
		For 1/2" Thick, Add	*11.95*	
33 14 13 43-0071	EA	24" Outside Diameter, 5/16" Thick Cement Fitting Lining	353.22	
		For 1/2" Thick, Add	*17.21*	
33 14 13 43-0072		**8 Mil Polyethylene Encasement Tubing** *(33 14 13 43)*		
		Note: ANSI/AWWA C105/A21.5-99 section 4.2.		
33 14 13 43-0073	LF	3" To 8" Diameter, 8 Mil Polyethylene Encasement Tubing	1.57	
33 14 13 43-0074	LF	10" To 12" Diameter, 8 Mil Polyethylene Encasement Tubing	2.53	
33 14 13 43-0075	LF	14" To 16" Diameter, 8 Mil Polyethylene Encasement Tubing	3.07	
33 14 13 43-0076	LF	18" To 20" Diameter, 8 Mil Polyethylene Encasement Tubing	3.85	
33 14 13 43-0077	LF	24" Diameter, 8 Mil Polyethylene Encasement Tubing	5.22	
33 14 13 43-0078	LF	30" Diameter, 8 Mil Polyethylene Encasement Tubing	6.68	
33 14 13 43-0079	LF	36" To 42" Diameter, 8 Mil Polyethylene Encasement Tubing	8.54	
33 14 13 43-0080	LF	48" Diameter, 8 Mil Polyethylene Encasement Tubing	10.15	
33 14 13 43-0081	LF	54" Diameter, 8 Mil Polyethylene Encasement Tubing	12.00	
33 14 13 43-0082	LF	60" Diameter, 8 Mil Polyethylene Encasement Tubing	12.89	
33 14 13 43-0083		**Enecon Polymeric Pipe Wrap** *(33 14 13 43)*		
		Note: 1/4" thick polymeric wrap with three layers of integrated reinforcement. Includes minimal surface preparation.		
33 14 13 43-0084	LF	6" Diameter Pipe, Enecon Polymeric Pipe Wrap	403.87	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*161.55*	
		For <10', Add	*403.87*	
33 14 13 43-0085	LF	8" Diameter Pipe, Enecon Polymeric Pipe Wrap	546.41	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*218.56*	
		For <10', Add	*546.41*	
33 14 13 43-0086	LF	10" Diameter Pipe, Enecon Polymeric Pipe Wrap	665.20	
		Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.		
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*266.08*	
		For <10', Add	*665.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0087	LF	12" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	783.98	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*313.59*	
		For <10', Add	*783.98*	
33 14 13 43-0088	LF	14" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	855.25	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*342.10*	
		For <10', Add	*855.25*	
33 14 13 43-0089	LF	16" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	974.04	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*389.62*	
		For <10', Add	*974.04*	
33 14 13 43-0090	LF	18" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	1,116.58	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*446.63*	
		For <10', Add	*1,116.58*	
33 14 13 43-0091	LF	20" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	1,247.24	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*498.90*	
		For <10', Add	*1,247.24*	
33 14 13 43-0092	LF	22" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	1,366.03	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*546.41*	
33 14 13 43-0093	LF	24" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	1,484.81	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*593.92*	
33 14 13 43-0094	LF	26" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	1,615.48	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*646.19*	
33 14 13 43-0095	LF	28" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	1,734.26	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*693.70*	
33 14 13 43-0096	LF	30" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	1,876.80	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*563.04*	
33 14 13 43-0097	LF	32" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	1,971.83	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*591.55*	
33 14 13 43-0098	LF	34" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	2,114.37	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*634.31*	
33 14 13 43-0099	LF	36" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	2,233.16	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*669.95*	
33 14 13 43-0100	LF	42" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	2,613.27	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*783.98*	
33 14 13 43-0101	LF	48" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	2,993.38	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*898.01*	
33 14 13 43-0102	LF	60" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	3,706.09	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*1,111.83*	
33 14 13 43-0103	LF	96" Diameter Pipe, Enecon Polymeric Pipe Wrap Note: 1/4" thick polymeric wrap with three layers on integrated reinforcement.	5,939.25	
		For abrasive pipe blasting and/or mechanical preparation (grinding), Add	*1,781.78*	

33 14 13 53 Public Water Utility Distribution Piping Saddles And Adapters *(33 14 13)*

33 14 13 53-0001 Double Stud Stainless Steel Service Saddles *(33 14 13 53)*

Note: 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.

33 14 13 53-0002	EA	4" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	254.89
33 14 13 53-0003	EA	4" Diameter x 1-1/4" Or 1-1/2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	359.46
33 14 13 53-0004	EA	4" Diameter x 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	371.17
33 14 13 53-0005	EA	6" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	305.74
33 14 13 53-0006	EA	6" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	384.91
33 14 13 53-0007	EA	8" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	319.38
33 14 13 53-0008	EA	8" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	403.01
33 14 13 53-0009	EA	10" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	359.95
33 14 13 53-0010	EA	10" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	424.54
33 14 13 53-0011	EA	12" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	375.29
33 14 13 53-0012	EA	12" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	435.89

33 14 13 53-0013 Double Bale Epoxy Coated Ductile Iron Body Service Saddles *(33 14 13 53)*

Note: Electro-galvanized steel bales. 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.

33 14 13 53-0014	EA	1-1/4" To 1-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	212.36
33 14 13 53-0015	EA	2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	212.51
33 14 13 53-0016	EA	2" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	226.08
33 14 13 53-0017	EA	2-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	216.12
33 14 13 53-0018	EA	3" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	231.24
33 14 13 53-0019	EA	3" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	255.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0020	EA	3" Diameter x 2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	272.22	
33 14 13 53-0021	EA	4" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	248.84	
33 14 13 53-0022	EA	4" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	273.75	
33 14 13 53-0023	EA	4" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	287.63	
33 14 13 53-0024	EA	5" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	262.54	
33 14 13 53-0025	EA	5" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	288.25	
33 14 13 53-0026	EA	5" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	302.06	
33 14 13 53-0027	EA	6" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	276.72	
33 14 13 53-0028	EA	6" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	301.68	
33 14 13 53-0029	EA	6" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	315.31	
33 14 13 53-0030	EA	6" Diameter x 3" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	463.16	
33 14 13 53-0031	EA	6" Diameter x 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	474.87	
33 14 13 53-0032	EA	8" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	299.76	
33 14 13 53-0033	EA	8" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	329.96	
33 14 13 53-0034	EA	8" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	342.59	
33 14 13 53-0035	EA	8" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	548.69	
33 14 13 53-0036	EA	10" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	335.84	
33 14 13 53-0037	EA	10" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	372.10	
33 14 13 53-0038	EA	10" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	612.98	
33 14 13 53-0039	EA	12" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	365.49	
33 14 13 53-0040	EA	12" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	403.85	
33 14 13 53-0041	EA	12" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	418.28	
33 14 13 53-0042	EA	12" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	684.43	
33 14 13 53-0043	EA	14" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	426.98	
33 14 13 53-0044	EA	14" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	457.00	
33 14 13 53-0045	EA	14" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	492.20	
33 14 13 53-0046	EA	14" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	841.92	
33 14 13 53-0047	EA	15" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	438.69	
33 14 13 53-0048	EA	15" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	499.82	
33 14 13 53-0049	EA	15" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	520.63	
33 14 13 53-0050	EA	15" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	905.02	
33 14 13 53-0051	EA	16" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	458.39	
33 14 13 53-0052	EA	16" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	521.77	
33 14 13 53-0053	EA	16" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	543.13	
33 14 13 53-0054	EA	16" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	941.81	
33 14 13 53-0055	EA	18" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	507.62	
33 14 13 53-0056	EA	18" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	587.22	
33 14 13 53-0057	EA	20" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	578.88	
33 14 13 53-0058	EA	20" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	640.93	
33 14 13 53-0059	EA	24" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	604.60	
33 14 13 53-0060	EA	24" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	682.77	

33 14 13 53-0061 Double Bale Bronze Service Saddles *(33 14 13 53)*

33 14 13 53-0062	EA	4" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	294.39	
33 14 13 53-0063	EA	4" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	321.95	
33 14 13 53-0064	EA	6" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	334.74	
33 14 13 53-0065	EA	6" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	362.56	
33 14 13 53-0066	EA	8" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	373.17	
33 14 13 53-0067	EA	8" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	392.20	
33 14 13 53-0068	EA	10" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	361.47	
33 14 13 53-0069	EA	10" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	384.51	
33 14 13 53-0070	EA	12" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	459.17	
33 14 13 53-0071	EA	12" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	496.65	
33 14 13 53-0072	EA	14" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	691.98	
33 14 13 53-0073	EA	14" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	781.95	
33 14 13 53-0074	EA	16" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	804.97	
33 14 13 53-0075	EA	16" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	898.74	

33 14 13 53-0076 Stainless Steel Double Straps, Bronze Body Service Saddle *(33 14 13 53)*

Note: Taps are compression or NPT.

33 14 13 53-0077	EA	4" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	309.46	
33 14 13 53-0078	EA	4" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	340.97	
33 14 13 53-0079	EA	6" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	352.54	
33 14 13 53-0080	EA	6" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	382.89	
33 14 13 53-0081	EA	8" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	395.17	
33 14 13 53-0082	EA	8" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	415.38	
33 14 13 53-0083	EA	10" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	445.34	
33 14 13 53-0084	EA	10" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	476.66	
33 14 13 53-0085	EA	12" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	479.33	
33 14 13 53-0086	EA	12" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	519.41	
33 14 13 53-0087	EA	14" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	741.94	
33 14 13 53-0088	EA	14" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	852.60	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0089	EA	16" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	864.25	
33 14 13 53-0090	EA	16" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	941.76	
33 14 13 53-0091	EA	18" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,786.67	
33 14 13 53-0092	EA	18" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,786.67	
33 14 13 53-0093	EA	20" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,853.84	
33 14 13 53-0094	EA	20" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,853.84	
33 14 13 53-0095	EA	24" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,990.02	
33 14 13 53-0096	EA	24" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,990.02	

33 14 13 53-0097 Ductile Iron Mechanical Joint Tapping Sleeve *(33 14 13 53)*

33 14 13 53-0098	EA	4" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,385.72	
33 14 13 53-0099	EA	6" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,672.95	
33 14 13 53-0100	EA	8" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,000.84	
33 14 13 53-0101	EA	8" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,117.80	
33 14 13 53-0102	EA	10" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,227.05	
33 14 13 53-0103	EA	10" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,390.83	
33 14 13 53-0104	EA	10" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,460.93	
33 14 13 53-0105	EA	12" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,402.71	
33 14 13 53-0106	EA	12" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,565.83	
33 14 13 53-0107	EA	12" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,963.68	
33 14 13 53-0108	EA	12" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	4,064.47	
33 14 13 53-0109	EA	14" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,816.60	
33 14 13 53-0110	EA	14" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,000.96	
33 14 13 53-0111	EA	14" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,083.71	
33 14 13 53-0112	EA	14" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,119.14	
33 14 13 53-0113	EA	14" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,380.43	
33 14 13 53-0114	EA	16" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,368.34	
33 14 13 53-0115	EA	16" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,391.77	
33 14 13 53-0116	EA	16" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,597.81	
33 14 13 53-0117	EA	16" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,646.20	
33 14 13 53-0118	EA	16" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,699.48	
33 14 13 53-0119	EA	16" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,825.36	
33 14 13 53-0120	EA	16" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,075.50	
33 14 13 53-0121	EA	18" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,261.81	
33 14 13 53-0122	EA	18" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,727.38	
33 14 13 53-0123	EA	18" Diameter x 8", 10", 12" Or 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,857.87	
33 14 13 53-0124	EA	18" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,253.41	
33 14 13 53-0125	EA	20" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,596.01	
33 14 13 53-0126	EA	20" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,241.87	
33 14 13 53-0127	EA	20" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,419.29	
33 14 13 53-0128	EA	20" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,488.41	
33 14 13 53-0129	EA	20" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,833.79	
33 14 13 53-0130	EA	20" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	13,314.22	
33 14 13 53-0131	EA	20" Diameter x 16", 18" Or 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	13,572.71	
33 14 13 53-0132	EA	24" Diameter x 4", 6" Or 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,598.76	
33 14 13 53-0133	EA	24" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,758.93	
33 14 13 53-0134	EA	24" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,804.73	
33 14 13 53-0135	EA	24" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,369.64	
33 14 13 53-0136	EA	24" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,580.44	
33 14 13 53-0137	EA	24" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,627.28	
33 14 13 53-0138	EA	24" Diameter x 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	17,083.98	
33 14 13 53-0139	EA	24" Diameter x 24" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	17,300.67	

33 14 13 53-0140 Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve *(33 14 13 53)*

33 14 13 53-0141	EA	4" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,142.46	
33 14 13 53-0142	EA	6" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,211.63	
33 14 13 53-0143	EA	6" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,325.87	
33 14 13 53-0144	EA	8" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,362.87	
33 14 13 53-0145	EA	8" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,419.57	
33 14 13 53-0146	EA	8" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,633.35	
33 14 13 53-0147	EA	10" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,486.77	
33 14 13 53-0148	EA	10" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,541.96	
33 14 13 53-0149	EA	10" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,729.82	
33 14 13 53-0150	EA	10" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,398.95	
33 14 13 53-0151	EA	12" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,670.54	
33 14 13 53-0152	EA	12" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,751.72	
33 14 13 53-0153	EA	12" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,936.58	
33 14 13 53-0154	EA	12" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,535.96	
33 14 13 53-0155	EA	12" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,767.87	
33 14 13 53-0156	EA	14" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,201.18	
33 14 13 53-0157	EA	14" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,268.25	
33 14 13 53-0158	EA	14" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,665.53	
33 14 13 53-0159	EA	14" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,158.19	
33 14 13 53-0160	EA	14" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,478.37	
33 14 13 53-0161	EA	16" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,616.22	
33 14 13 53-0162	EA	16" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,685.48	
33 14 13 53-0163	EA	16" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,948.29	
33 14 13 53-0164	EA	16" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,653.15	
33 14 13 53-0165	EA	16" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,819.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0166	EA	18" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,770.44	
33 14 13 53-0167	EA	18" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,896.33	
33 14 13 53-0168	EA	18" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,071.43	
33 14 13 53-0169	EA	18" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,900.94	
33 14 13 53-0170	EA	18" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,066.94	
33 14 13 53-0171	EA	20" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,347.35	
33 14 13 53-0172	EA	20" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,416.46	
33 14 13 53-0173	EA	20" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,810.05	
33 14 13 53-0174	EA	20" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,475.94	
33 14 13 53-0175	EA	20" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,758.19	
33 14 13 53-0176	EA	24" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,610.65	
33 14 13 53-0177	EA	24" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,762.72	
33 14 13 53-0178	EA	24" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,968.24	
33 14 13 53-0179	EA	24" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,913.59	
33 14 13 53-0180	EA	24" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	5,086.69	
33 14 13 53-0181		**Stainless Steel Flange, Stainless Steel Tapping Sleeve** *(33 14 13 53)*		
33 14 13 53-0182	EA	4" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,323.51	
33 14 13 53-0183	EA	6" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,440.30	
33 14 13 53-0184	EA	6" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,525.13	
33 14 13 53-0185	EA	8" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,554.15	
33 14 13 53-0186	EA	8" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,651.93	
33 14 13 53-0187	EA	8" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,945.07	
33 14 13 53-0188	EA	10" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,782.90	
33 14 13 53-0189	EA	10" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,891.38	
33 14 13 53-0190	EA	10" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,154.07	
33 14 13 53-0191	EA	10" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,914.42	
33 14 13 53-0192	EA	12" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,034.08	
33 14 13 53-0193	EA	12" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,182.14	
33 14 13 53-0194	EA	12" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,529.34	
33 14 13 53-0195	EA	12" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,981.85	
33 14 13 53-0196	EA	12" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,327.68	
33 14 13 53-0197	EA	14" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,320.96	
33 14 13 53-0198	EA	14" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,502.71	
33 14 13 53-0199	EA	14" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,893.73	
33 14 13 53-0200	EA	14" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,346.68	
33 14 13 53-0201	EA	14" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,585.99	
33 14 13 53-0202	EA	16" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,833.80	
33 14 13 53-0203	EA	16" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,082.46	
33 14 13 53-0204	EA	16" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,271.81	
33 14 13 53-0205	EA	16" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,758.87	
33 14 13 53-0206	EA	16" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,089.12	
33 14 13 53-0207	EA	18" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,121.63	
33 14 13 53-0208	EA	18" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,493.54	
33 14 13 53-0209	EA	18" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,691.19	
33 14 13 53-0210	EA	18" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,119.12	
33 14 13 53-0211	EA	18" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,685.46	
33 14 13 53-0212	EA	20" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,368.09	
33 14 13 53-0213	EA	20" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,739.04	
33 14 13 53-0214	EA	20" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,899.53	
33 14 13 53-0215	EA	20" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,696.33	
33 14 13 53-0216	EA	20" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,139.60	
33 14 13 53-0217	EA	24" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,993.66	
33 14 13 53-0218	EA	24" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,045.99	
33 14 13 53-0219	EA	24" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,238.54	
33 14 13 53-0220	EA	24" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,189.75	
33 14 13 53-0221	EA	24" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,697.19	
33 14 13 53-0222		**Ductile Iron Body, Flanged Coupling Adapter** *(33 14 13 53)*		
33 14 13 53-0223	EA	3" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	325.90	58.31
33 14 13 53-0224	EA	4" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	408.30	73.53
33 14 13 53-0225	EA	6" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	536.49	101.42
33 14 13 53-0226	EA	8" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	696.29	119.16
33 14 13 53-0227	EA	10" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,097.82	134.38
33 14 13 53-0228	EA	12" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,226.27	152.12
33 14 13 53-0229		**Steel Body, Flanged Coupling Adapter** *(33 14 13 53)*		
33 14 13 53-0230	EA	3" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	477.76	58.31
33 14 13 53-0231	EA	4" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	564.56	73.53
33 14 13 53-0232	EA	6" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	753.55	101.42
33 14 13 53-0233	EA	8" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	922.20	119.16
33 14 13 53-0234	EA	10" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,126.80	134.38
33 14 13 53-0235	EA	12" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,313.42	152.12
33 14 13 53-0236	EA	14" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,561.53	167.33
33 14 13 53-0237	EA	16" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,850.69	182.55
33 14 13 53-0238	EA	18" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	2,186.83	200.80
33 14 13 53-0239	EA	20" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	2,585.57	220.88

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0240		**Steel Body, Flanged-Lock Restrained Coupling Adapters** *(33 14 13 53)*		
33 14 13 53-0241	EA	4" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	418.46	73.53
33 14 13 53-0242	EA	6" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	561.56	101.42
33 14 13 53-0243	EA	8" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	621.27	119.16
33 14 13 53-0244	EA	10" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	910.26	134.38
33 14 13 53-0245	EA	12" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,160.88	152.12
33 14 13 53-0246	EA	14" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,302.30	167.33
33 14 13 53-0247	EA	16" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,531.97	182.55
33 14 13 53-0248	EA	18" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,719.55	200.80
33 14 13 53-0249	EA	20" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	2,068.17	220.88
33 14 13 53-0250	EA	24" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	2,493.21	242.99
33 14 13 53-0251	EA	30" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	5,211.78	267.22
33 14 13 53-0252	EA	36" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	7,039.01	294.00
33 14 13 53-0253		**Ductile Iron Body, Omni Coupling System** *(33 14 13 53)*		
33 14 13 53-0254	EA	2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	146.22	40.57
33 14 13 53-0255	EA	2-1/2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	180.51	48.17
33 14 13 53-0256	EA	3" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	223.57	58.31
33 14 13 53-0257	EA	4" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	280.74	73.53
33 14 13 53-0258	EA	6" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	374.30	101.42
33 14 13 53-0259	EA	8" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	455.07	119.16
33 14 13 53-0260	EA	10" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	569.68	134.38
33 14 13 53-0261	EA	12" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	666.61	152.12
33 14 13 53-0262	EA	14" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	940.85	167.33
33 14 13 53-0263	EA	16" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	1,175.76	182.55
33 14 13 53-0264		**Fabricated Coupling (Smith-Blair 411)** *(33 14 13 53)*		
33 14 13 53-0265	EA	4" Steel Fabricated Coupling	465.92	163.04
33 14 13 53-0266	EA	6" Steel Fabricated Coupling	619.71	203.52
33 14 13 53-0267	EA	8" Steel Fabricated Coupling	719.35	232.76
33 14 13 53-0268	EA	10" Steel Fabricated Coupling	1,011.83	371.07
33 14 13 53-0269	EA	12" Steel Fabricated Coupling	1,145.61	404.80
33 14 13 53-0270	EA	14" Steel Fabricated Coupling	1,436.37	445.27
33 14 13 53-0271	EA	16" Steel Fabricated Coupling	1,736.04	494.75
33 14 13 53-0272	EA	18" Steel Fabricated Coupling	1,871.44	556.59
33 14 13 53-0273	EA	20" Steel Fabricated Coupling	2,216.43	635.30
33 14 13 53-0274	EA	24" Steel Fabricated Coupling	2,689.39	742.12
33 14 13 53-0275	EA	30" Steel Fabricated Coupling	3,728.65	890.55
33 14 13 53-0276	EA	36" Steel Fabricated Coupling	4,759.02	1,113.19
33 14 13 53-0277	EA	42" Steel Fabricated Coupling	5,500.45	1,270.61
33 14 13 53-0278	EA	48" Steel Fabricated Coupling	6,478.34	1,484.25
33 14 13 53-0279		**Transition Coupling (Smith-Blair 413)** *(33 14 13 53)*		
33 14 13 53-0280	EA	4" Steel Transition Coupling	593.69	163.04
33 14 13 53-0281	EA	6" Steel Transition Coupling	826.38	203.52
33 14 13 53-0282	EA	8" Steel Transition Coupling	945.76	232.76
33 14 13 53-0283	EA	10" Steel Transition Coupling	1,327.99	371.07
33 14 13 53-0284	EA	12" Steel Transition Coupling	1,565.92	404.80
33 14 13 53-0285	EA	14" Steel Transition Coupling	1,773.49	445.27
33 14 13 53-0286	EA	16" Steel Transition Coupling	2,138.80	494.75
33 14 13 53-0287	EA	18" Steel Transition Coupling	2,704.62	556.59
33 14 13 53-0288	EA	20" Steel Transition Coupling	2,902.88	635.30
33 14 13 53-0289	EA	24" Steel Transition Coupling	3,508.63	742.12
33 14 13 53-0290	EA	30" Steel Transition Coupling	4,674.40	890.55
33 14 13 53-0291	EA	36" Steel Transition Coupling	5,562.29	1,113.19
33 14 13 53-0292	EA	42" Steel Transition Coupling	6,639.09	1,270.61
33 14 13 53-0293	EA	48" Steel Transition Coupling	7,421.95	1,484.25
33 14 19		**Valves and Hydrants for Water Utility Service** *(33 14)*		
		Note: Flanged valves excludes bolt and gasket set. Excludes excavation and backfill. See CSI section 23 21 13 23-0713 for bolt and gasket sets.		
33 14 19 00-0001		**Accessories For Valves** *(33 14 19)*		
33 14 19 00-0002	EA	1' Valve Extension Stem	110.57	
		For Each Additional LF, Add	*8.11*	
33 14 19 00-0003	EA	Up to 80" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	1,570.30	99.88
33 14 19 00-0004	EA	>80" To 114" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	1,781.66	109.87
33 14 19 00-0005	EA	Adjust Water Valve Box To Grade	99.88	
33 14 19 00-0006		**Water Utility Distribution Valves** *(33 14 19)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0007		**Angle Valves** *(33 14 19 00-0006)* Note: For connecting meters to water service.		
33 14 19 00-0008		**Threaded, Class 150, Bronze Angle Valve** *(33 14 19 00-0007)* Note: Nibco T-335Y		
33 14 19 00-0009	EA	1/2" Threaded, Class 150, Bronze Angle Valve	98.69	17.36
33 14 19 00-0010	EA	3/4" Threaded, Class 150, Bronze Angle Valve	133.09	23.32
33 14 19 00-0011	EA	1" Threaded, Class 150, Bronze Angle Valve	179.42	28.74
33 14 19 00-0012	EA	1-1/4" Threaded, Class 150, Bronze Angle Valve	231.05	36.11
33 14 19 00-0013	EA	1-1/2" Threaded, Class 150, Bronze Angle Valve	288.68	41.75
33 14 19 00-0014	EA	2" Threaded, Class 150, Bronze Angle Valve	431.25	48.81
33 14 19 00-0015	EA	2-1/2" Threaded, Class 150, Bronze Angle Valve	691.29	66.62
33 14 19 00-0016	EA	3" Threaded, Class 150, Bronze Angle Valve	1,050.49	76.91
33 14 19 00-0017		**Butterfly Valves** *(33 14 19 00-0006)*		
33 14 19 00-0018		**Lug Type Flanged, Cast Iron Disc, Butterfly Valves** *(33 14 19 00-0017)* Note: ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin		
33 14 19 00-0019	EA	3" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	1,891.76	184.38
33 14 19 00-0020	EA	3" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	2,116.76	184.38
33 14 19 00-0021	EA	4" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	2,128.50	285.36
33 14 19 00-0022	EA	4" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	2,351.58	285.36
33 14 19 00-0023	EA	6" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	2,457.41	349.29
33 14 19 00-0024	EA	6" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	2,680.49	349.29
33 14 19 00-0025	EA	8" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	2,787.50	446.31
33 14 19 00-0026	EA	8" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	2,999.29	446.31
33 14 19 00-0027	EA	10" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	3,483.01	543.34
33 14 19 00-0028	EA	10" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	4,650.88	543.34
33 14 19 00-0029	EA	12" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	3,987.33	658.57
33 14 19 00-0030	EA	12" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	4,210.41	658.57
33 14 19 00-0031	EA	14" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD12 Modified)	5,368.54	946.12
33 14 19 00-0032	EA	14" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW12 Modified)	5,951.87	946.12
33 14 19 00-0033	EA	16" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD16 Modified)	6,252.18	1,040.72
33 14 19 00-0034	EA	16" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW20 Modified)	6,967.57	1,040.72
33 14 19 00-0035	EA	18" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24 Modified)	7,835.13	1,154.26
33 14 19 00-0036	EA	18" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,1BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24 Modified)	8,592.82	1,154.26
33 14 19 00-0037	EA	20" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24 Modified)	8,978.69	1,300.90
33 14 19 00-0038	EA	20" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24 Modified)	9,735.10	1,300.90
33 14 19 00-0039		**Lug Type Flanged, Ductile Iron Disc, Butterfly Valves** *(33 14 19 00-0017)* Note: ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin		

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0040	EA	24" Chainwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-CW20 Modified)	14,991.71	1,596.56
33 14 19 00-0041	EA	24" Cylinder Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12-PC10 Modified)	23,388.71	1,596.56
33 14 19 00-0042	EA	24" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-HD20 Modified)	14,946.71	1,596.56
33 14 19 00-0043	EA	30" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,30,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24 Modified)	30,636.92	2,520.73
33 14 19 00-0044	EA	36" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,36,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24 Modified)	36,286.23	3,360.98
33 14 19 00-0045	EA	42" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,42,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD32 Modified)	46,126.84	5,041.47
33 14 19 00-0046	EA	48" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,48,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR4L-HD24 Modified)	60,257.29	6,301.84
33 14 19 00-0047	EA	54" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,54,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD24 Modified)	101,621.75	7,562.20
33 14 19 00-0048	EA	60" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,60,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD36 Modified)	127,326.29	9,074.64
33 14 19 00-0049	EA	72" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,72,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR8L-HD36 Modified)	182,631.96	10,889.57
33 14 19 00-0050	LF	3/16" Link, 316 Stainless Steel Chain For Use With Dezurik Chainwheel	17.00	
33 14 19 00-0051	EA	316 Stainless Steel Closing Link For Use With Dezurik Chainwheel Note: One required per valve.	9.00	

33 14 19 00-0052 Lug Type Flanged, Butterfly Valve, Cast Iron Body, Cast Iron Disc With 316 Stainless Steel Edge *(33 14 19 00-0017)*

Note: AWWA C-504.

33 14 19 00-0053 Aboveground Service *(33 14 19 00-0052)*

33 14 19 00-0054 Valve *(33 14 19 00-0053)*

33 14 19 00-0055	EA	3" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Lever, AWWA C504	1,124.92	169.80
33 14 19 00-0056	EA	4" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Lever, AWWA C504	1,277.10	284.65
33 14 19 00-0057	EA	6" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	1,672.47	349.29
33 14 19 00-0058	EA	8" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	1,982.89	446.31
33 14 19 00-0059	EA	10" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	2,815.22	543.34
33 14 19 00-0060	EA	12" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	3,017.81	659.76
33 14 19 00-0061	EA	14" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	4,824.32	946.12
33 14 19 00-0062	EA	16" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	5,596.96	1,040.72
33 14 19 00-0063	EA	18" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	6,732.66	946.95
33 14 19 00-0064	EA	20" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	8,183.24	1,067.26
33 14 19 00-0065	EA	24" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504	10,976.88	1,309.82

33 14 19 00-0066 Valve With 120 Volt AC Electric Motor Operator *(33 14 19 00-0053)*

33 14 19 00-0067	EA	3" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Lever, AWWA C504, With 120 Volt AC Electric Motor Operator	7,634.19	169.80
33 14 19 00-0068	EA	4" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Lever, AWWA C504, With 120 Volt AC Electric Motor Operator	7,797.01	284.65
33 14 19 00-0069	EA	6" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With 120 Volt AC Electric Motor Operator	7,891.78	349.29
33 14 19 00-0070	EA	8" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With 120 Volt AC Electric Motor Operator	8,178.27	446.31
33 14 19 00-0071	EA	10" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With 120 Volt AC Electric Motor Operator	8,651.48	543.34
33 14 19 00-0072	EA	12" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With 120 Volt AC Electric Motor Operator	9,942.05	659.76
33 14 19 00-0073	EA	14" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With 120 Volt AC Electric Motor Operator	10,809.54	946.12
33 14 19 00-0074	EA	16" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With 120 Volt AC Electric Motor Operator	11,794.99	1,040.72
33 14 19 00-0075	EA	18" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With 120 Volt AC Electric Motor Operator	16,562.83	1,154.26
33 14 19 00-0076	EA	20" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With 120 Volt AC Electric Motor Operator	18,182.59	1,300.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0077		Valve With Pneumatic Or Hydraulic Motor Operator *(33 14 19 00-0053)*		
33 14 19 00-0078	EA	3" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Lever, AWWA C504, With Pneumatic Or Hydraulic Operator	3,359.41	169.80
33 14 19 00-0079	EA	4" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Lever, AWWA C504, With Pneumatic Or Hydraulic Operator	3,522.23	284.65
33 14 19 00-0080	EA	6" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	3,699.46	349.29
33 14 19 00-0081	EA	8" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	3,983.29	446.31
33 14 19 00-0082	EA	10" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	5,435.42	543.34
33 14 19 00-0083	EA	12" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	5,861.46	659.76
33 14 19 00-0084	EA	14" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	6,619.88	946.12
33 14 19 00-0085	EA	16" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	7,424.45	1,040.72
33 14 19 00-0086	EA	18" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	8,026.57	1,154.26
33 14 19 00-0087	EA	20" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	11,319.53	1,300.90
33 14 19 00-0088	EA	24" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, With Pneumatic Or Hydraulic Operator	18,135.21	1,309.82
33 14 19 00-0089		Buried Service *(33 14 19 00-0052)*		
33 14 19 00-0090	EA	4" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Lever, AWWA C504, Buried Service	2,181.54	284.65
33 14 19 00-0091	EA	6" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	2,342.81	349.29
33 14 19 00-0092	EA	8" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	3,124.08	446.31
33 14 19 00-0093	EA	10" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	4,610.79	543.34
33 14 19 00-0094	EA	12" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	4,866.58	659.76
33 14 19 00-0095	EA	14" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	7,832.89	946.12
33 14 19 00-0096	EA	16" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	9,212.04	1,040.72
33 14 19 00-0097	EA	18" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	11,583.12	1,154.26
33 14 19 00-0098	EA	20" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	13,569.98	1,300.90
33 14 19 00-0099	EA	24" Flanged Cast Iron Butterfly Valve, Cast Iron Disc With 316 Stainless Steel Edge, Gear Operator, AWWA C504, Buried Service	19,435.33	1,596.56
33 14 19 00-0100		Ductile Iron, Flanged End, Short-Body Type, Class 150, Butterfly Valves (Henry Pratt, Mueller) *(33 14 19 00-0017)*		
		Note: Shall confrom to AWWA C504		
33 14 19 00-0101	EA	6" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	1,632.44	359.56
33 14 19 00-0102	EA	8" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	2,084.50	446.31
33 14 19 00-0103	EA	10" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	2,788.53	543.34
33 14 19 00-0104	EA	12" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	3,350.28	659.76
33 14 19 00-0105	EA	14" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	5,317.42	946.12
33 14 19 00-0106	EA	16" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	6,220.65	1,040.72
33 14 19 00-0107	EA	18" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	6,968.10	1,154.26
33 14 19 00-0108	EA	20" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	9,069.79	1,300.90
33 14 19 00-0109	EA	24" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	12,316.92	1,596.56
33 14 19 00-0110	EA	30" Ductile Iron, Flanged End, Short-Body Type, 150 PSI, Butterfly Valve	21,844.52	2,520.73
33 14 19 00-0111		Ductile Iron, Flanged End, Short-Body Type, Class 250, Butterfly Valves (Henry Pratt, Mueller) *(33 14 19 00-0017)*		
		Note: Shall confrom to AWWA C504		
33 14 19 00-0112	EA	6" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	4,244.31	359.56
33 14 19 00-0113	EA	8" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	4,775.21	446.31
33 14 19 00-0114	EA	10" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	5,406.75	543.34
33 14 19 00-0115	EA	12" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	6,700.08	659.76
33 14 19 00-0116	EA	14" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	8,318.80	946.12
33 14 19 00-0117	EA	16" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	8,751.89	1,040.72
33 14 19 00-0118	EA	18" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	11,729.86	1,154.26
33 14 19 00-0119	EA	20" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	17,367.15	1,300.90
33 14 19 00-0120	EA	24" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	25,917.73	1,596.56
33 14 19 00-0121	EA	30" Ductile Iron, Flanged End, Short-Body Type, 250 PSI, Butterfly Valve	33,853.32	2,520.73
33 14 19 00-0122		Check Valves *(33 14 19 00-0006)*		
33 14 19 00-0123		Flanged, Swing Type Gravity Operated Check Valves *(33 14 19 00-0122)*		
		Note: AWWA C508. Bronze disc facing. Mueller A-2600-6.		

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0124	EA	2-1/2" Flanged, Swing Type Gravity Operated Check Valve	1,015.20	144.82
33 14 19 00-0125	EA	3" Flanged, Swing Type Gravity Operated Check Valve	1,046.11	169.80
33 14 19 00-0126	EA	4" Flanged, Swing Type Gravity Operated Check Valve	1,455.23	214.74
33 14 19 00-0127	EA	4" x 6" Flanged, Swing Type Gravity Operated Check Valve	2,013.86	323.10
33 14 19 00-0128	EA	4" x 8" Flanged, Swing Type Gravity Operated Check Valve	2,093.83	360.85
33 14 19 00-0129	EA	6" Flanged, Swing Type Gravity Operated Check Valve	1,997.64	359.56
33 14 19 00-0130	EA	6" x 8" Flanged, Swing Type Gravity Operated Check Valve	2,605.41	408.72
33 14 19 00-0131	EA	6" x 10" Flanged, Swing Type Gravity Operated Check Valve	2,721.56	459.44
33 14 19 00-0132	EA	8" Flanged, Swing Type Gravity Operated Check Valve	2,834.46	459.44
33 14 19 00-0133	EA	10" Flanged, Swing Type Gravity Operated Check Valve	4,760.91	559.32
33 14 19 00-0134	EA	12" Flanged, Swing Type Gravity Operated Check Valve	7,197.08	419.49
33 14 19 00-0135	EA	14" Flanged, Swing Type Gravity Operated Check Valve	10,175.51	946.12
33 14 19 00-0136	EA	16" Flanged, Swing Type Gravity Operated Check Valve	13,489.13	1,040.72
33 14 19 00-0137	EA	18" Flanged, Swing Type Gravity Operated Check Valve	19,494.95	1,154.26
33 14 19 00-0138	EA	20" Flanged, Swing Type Gravity Operated Check Valve	22,688.30	1,300.90
33 14 19 00-0139		**Threaded, Bronze, Swing Type Check Valves** *(33 14 19 00-0122)*		
		Note: Class 125. Watts WCV-2, Nibco T-413.		
33 14 19 00-0140	EA	1/4" Threaded, Bronze, Swing Type Check Valve	48.82	17.46
33 14 19 00-0141	EA	3/8" Threaded, Bronze, Swing Type Check Valve	50.48	17.46
33 14 19 00-0142	EA	1/2" Threaded, Bronze, Swing Type Check Valve	47.59	17.46
33 14 19 00-0143	EA	3/4" Threaded, Bronze, Swing Type Check Valve	63.23	23.59
33 14 19 00-0144	EA	1" Threaded, Bronze, Swing Type Check Valve	73.20	28.53
33 14 19 00-0145	EA	1-1/4" Threaded, Bronze, Swing Type Check Valve	104.09	36.11
33 14 19 00-0146	EA	1-1/2" Threaded, Bronze, Swing Type Check Valve	126.84	41.75
33 14 19 00-0147	EA	2" Threaded, Bronze, Swing Type Check Valve	165.65	48.81
33 14 19 00-0148	EA	2-1/2" Threaded, Bronze, Swing Type Check Valve	243.34	66.62
33 14 19 00-0149		**Combination Air Release Valves** *(33 14 19 00-0006)*		
33 14 19 00-0150	EA	1" Combination Air Release Valve	458.21	20.97
33 14 19 00-0151	EA	2" Combination Air Release Valve	740.58	35.96
33 14 19 00-0152		**Corporation Stop And Curb Valve** *(33 14 19 00-0006)*		
		Note: AWWA C800		
33 14 19 00-0153		**Ball Corporation Valves** *(33 14 19 00-0152)*		
		Note: Mueller B-25000.		
33 14 19 00-0154	EA	3/4" Ball Corporation Valve (Mueller B-25000)	78.51	20.97
33 14 19 00-0155	EA	1" Ball Corporation Valve (Mueller B-25000)	98.58	25.97
33 14 19 00-0156	EA	1-1/2" Ball Corporation Valve (Mueller B-25000)	175.69	37.96
33 14 19 00-0157	EA	2" Ball Corporation Valve (Mueller B-25000)	263.45	44.94
33 14 19 00-0158		**Ground Key Corporation Valves** *(33 14 19 00-0152)*		
		Note: Mueller B-15000.		
33 14 19 00-0159	EA	1/2" Ground Key Corporation Valve	59.29	17.98
33 14 19 00-0160	EA	3/4" Ground Key Corporation Valve	65.59	20.97
33 14 19 00-0161	EA	1" Ground Key Corporation Valve	89.01	25.97
33 14 19 00-0162	EA	1-1/4" Ground Key Corporation Valve	163.51	31.96
33 14 19 00-0163	EA	1-1/2" Ground Key Corporation Valve	170.92	37.96
33 14 19 00-0164	EA	2" Ground Key Corporation Valve	263.39	44.94
33 14 19 00-0165		**Ball Curb Valves** *(33 14 19 00-0152)*		
		Note: Mueller B-25204.		
33 14 19 00-0166	EA	3/4" Ball Curb Valve	94.53	20.97
33 14 19 00-0167	EA	1" Ball Curb Valve	125.56	25.97
33 14 19 00-0168	EA	1-1/2" Ball Curb Valve	238.15	37.96
33 14 19 00-0169	EA	2" Ball Curb Valve	354.90	44.94
33 14 19 00-0170		**O Ring Seal Curb Valves** *(33 14 19 00-0152)*		
		Note: Mueller H-15204.		
33 14 19 00-0171	EA	3/4" O Ring Seal Curb Valve	94.53	20.97
33 14 19 00-0172	EA	1" O Ring Seal Curb Valve	132.80	25.97
33 14 19 00-0173	EA	1-1/4" O Ring Seal Curb Valve	177.89	31.96
33 14 19 00-0174	EA	1-1/2" O Ring Seal Curb Valve	238.15	37.96
33 14 19 00-0175	EA	2" O Ring Seal Curb Valve	354.82	44.94
33 14 19 00-0176		**Corporation Stops** *(33 14 19 00-0152)*		
33 14 19 00-0177	EA	1" Bronze Corporatopn Stop, Flare x MIP (Mueller B-24025N)	173.51	28.20
33 14 19 00-0178	EA	1-1/2" Bronze Corporatopn Stop, Flare x MIP (Mueller B-24025N)	370.91	41.21
33 14 19 00-0179	EA	2" Bronze Corporatopn Stop, Flare x MIP (Mueller B-24025N)	581.79	48.81
33 14 19 00-0180	EA	1" Bronze Corporatopn Stop, Compression x MIP (Mueller B-25028N)	180.04	28.20
33 14 19 00-0181	EA	1-1/2" Bronze Corporatopn Stop, Compression x MIP (Mueller B-25028N)	367.57	41.21
33 14 19 00-0182	EA	2" Bronze Corporatopn Stop, Compression x MIP (Mueller B-25028N)	575.71	48.81
33 14 19 00-0183	EA	1" Bronze Corporatopn Stop, MIP x MIP (Mueller B-20013N)	179.09	28.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0184	EA	1-1/2" Bronze Corporatopn Stop, MIP x MIP (Mueller B-22969N)	322.65	41.21
33 14 19 00-0185	EA	2" Bronze Corporatopn Stop, MIP x MIP (Mueller B-22969N)	513.85	48.81
33 14 19 00-0186		**Gate Valve, AWWA C500 And C509** *(33 14 19 00-0006)*		
33 14 19 00-0187		**Gate Valve, Flanged** *(33 14 19 00-0186)*		
		Note: Mueller A-2380-6.		
33 14 19 00-0188	EA	2" Gate Valve, Flanged	636.77	133.14
33 14 19 00-0189	EA	2-1/2" Gate Valve, Flanged	743.17	144.82
33 14 19 00-0190	EA	3" Gate Valve, Flanged	878.94	169.80
33 14 19 00-0191	EA	4" Gate Valve, Flanged	1,170.20	212.74
33 14 19 00-0192	EA	6" Gate Valve, Flanged	1,446.60	359.56
33 14 19 00-0193	EA	8" Gate Valve, Flanged	2,126.45	459.44
33 14 19 00-0194	EA	10" Gate Valve, Flanged	3,171.34	559.32
33 14 19 00-0195	EA	12" Gate Valve, Flanged	3,823.81	419.49
33 14 19 00-0196	EA	14" Gate Valve, Flanged	8,311.15	946.12
33 14 19 00-0197	EA	16" Gate Valve, Flanged	10,826.69	1,040.72
33 14 19 00-0198	EA	18" Gate Valve, Flanged	17,034.89	1,154.26
33 14 19 00-0199	EA	20" Gate Valve, Flanged	20,352.52	1,300.90
33 14 19 00-0200		**Resilient Wedge Gate Valve, Flanged** *(33 14 19 00-0186)*		
		Note: Mueller A-2360-6.		
33 14 19 00-0201	EA	2" Resilient Wedge Gate Valve, Flanged	610.16	133.14
33 14 19 00-0202	EA	2-1/2" Resilient Wedge Gate Valve, Flanged	711.39	144.82
33 14 19 00-0203	EA	3" Resilient Wedge Gate Valve, Flanged	841.22	169.80
33 14 19 00-0204	EA	4" Resilient Wedge Gate Valve, Flanged	1,128.04	212.74
33 14 19 00-0205	EA	6" Resilient Wedge Gate Valve, Flanged	1,390.23	359.56
33 14 19 00-0206	EA	8" Resilient Wedge Gate Valve, Flanged	2,038.40	459.44
33 14 19 00-0207	EA	10" Resilient Wedge Gate Valve, Flanged	3,031.42	559.32
33 14 19 00-0208	EA	12" Resilient Wedge Gate Valve, Flanged	3,654.87	419.49
33 14 19 00-0209		**Gate Valve, Mechanical Joint** *(33 14 19 00-0186)*		
		Note: Mueller A-2380-20.		
33 14 19 00-0210	EA	2" Gate Valve, Mechanical Joint	749.31	106.37
33 14 19 00-0211	EA	2-1/2" Gate Valve, Mechanical Joint	817.42	133.34
33 14 19 00-0212	EA	3" Gate Valve, Mechanical Joint	1,025.14	161.30
33 14 19 00-0213	EA	4" Gate Valve, Mechanical Joint	1,229.07	212.74
33 14 19 00-0214	EA	6" Gate Valve, Mechanical Joint	1,539.60	249.70
33 14 19 00-0215	EA	8" Gate Valve, Mechanical Joint	2,217.54	299.64
33 14 19 00-0216	EA	10" Gate Valve, Mechanical Joint	3,214.04	349.57
33 14 19 00-0217	EA	12" Gate Valve, Mechanical Joint	4,017.70	419.49
33 14 19 00-0218	EA	14" Gate Valve, Mechanical Joint	8,816.33	579.49
33 14 19 00-0219	EA	16" Gate Valve, Mechanical Joint	11,368.45	650.46
33 14 19 00-0220	EA	18" Gate Valve, Mechanical Joint	18,004.76	721.41
33 14 19 00-0221	EA	20" Gate Valve, Mechanical Joint	21,399.53	813.07
33 14 19 00-0222		**Resilient Wedge Gate Valve, Mechanical Joint** *(33 14 19 00-0186)*		
		Note: Mueller A-2360-20.		
33 14 19 00-0223	EA	2" Resilient Wedge Gate Valve, Mechanical Joint	718.93	106.37
33 14 19 00-0224	EA	3" Resilient Wedge Gate Valve, Mechanical Joint	985.37	161.30
33 14 19 00-0225	EA	4" Resilient Wedge Gate Valve, Mechanical Joint	1,183.58	212.74
33 14 19 00-0226	EA	6" Resilient Wedge Gate Valve, Mechanical Joint	1,480.73	249.70
33 14 19 00-0227	EA	8" Resilient Wedge Gate Valve, Mechanical Joint	2,125.95	299.64
33 14 19 00-0228	EA	10" Resilient Wedge Gate Valve, Mechanical Joint	3,071.69	349.57
33 14 19 00-0229	EA	12" Resilient Wedge Gate Valve, Mechanical Joint	3,837.75	419.49
33 14 19 00-0230		**Resilient Wedge Gate Valve, Mechanical Joint X Flange Joint** *(33 14 19 00-0186)*		
		Note: Mueller A-2361.		
33 14 19 00-0231	EA	14" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	7,849.22	946.12
33 14 19 00-0232	EA	16" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	8,533.71	1,040.72
33 14 19 00-0233	EA	18" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	13,279.72	1,154.26
33 14 19 00-0234	EA	20" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	15,845.79	1,300.90
33 14 19 00-0235	EA	24" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	22,492.51	1,596.56
33 14 19 00-0236		**Gate Valve, Threaded, WW-V-51 Class A, Type 1** *(33 14 19 00-0186)*		
		Note: NIBCO T-113.		
33 14 19 00-0237	EA	1/4" Gate Valve, Bronze, Threaded	57.26	17.46
33 14 19 00-0238	EA	3/8" Gate Valve, Bronze, Threaded	58.92	17.46
33 14 19 00-0239	EA	1/2" Gate Valve, Bronze, Threaded	58.24	17.46
33 14 19 00-0240	EA	3/4" Gate Valve, Bronze, Threaded	74.86	23.59
33 14 19 00-0241	EA	1" Gate Valve, Bronze, Threaded	92.37	28.53
33 14 19 00-0242	EA	1-1/4" Gate Valve, Bronze, Threaded	125.90	36.11
33 14 19 00-0243	EA	1-1/2" Gate Valve, Bronze, Threaded	146.12	41.75
33 14 19 00-0244	EA	2" Gate Valve, Bronze, Threaded	177.46	48.81
33 14 19 00-0245	EA	2-1/2" Gate Valve, Bronze, Threaded	345.50	66.62
33 14 19 00-0246	EA	3" Gate Valve, Bronze, Threaded	414.52	76.41

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0247			**Cast Iron Body, Gate Valve, Epoxy Lined, Flanged, 200 LB With Non Rising Stem** *(33 14 19 00-0186)* Note: Resilient Wedge, Nonrising Stem, 200 PSI, ANSI/AWWA C509, C550 and C111/A21.11 (Jenkins G-700, 701).		
	33 14 19 00-0248	EA	2" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem	403.54	144.58
	33 14 19 00-0249	EA	2-1/2" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem	415.29	144.82
	33 14 19 00-0250	EA	3" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem	471.60	169.80
	33 14 19 00-0251	EA	4" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem	638.07	284.65
	33 14 19 00-0252	EA	5" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem	778.05	314.35
	33 14 19 00-0253	EA	6" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem	933.89	349.29
	33 14 19 00-0254	EA	8" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem	1,339.71	446.31
	33 14 19 00-0255	EA	10" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem	1,849.60	543.34
	33 14 19 00-0256	EA	12" Gate Valve, Cast Iron Body, Epoxy Lined, Epoxy Or Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem	2,187.86	659.76
33 14 19 00-0257			**Cast Iron Body, Gate Valve, Epoxy Coated With Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem** *(33 14 19 00-0186)* Note: Resilient Wedge, OS&Y, 200 PSI, ANSI/AWWA C509, C550 & C111/A21.11.		
	33 14 19 00-0258	EA	2-1/2" Gate Valve, Cast Iron Body, Epoxy Coated With Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem	609.88	144.82
	33 14 19 00-0259	EA	3" Gate Valve, Cast Iron Body, Epoxy Coated With Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem	683.35	169.80
	33 14 19 00-0260	EA	4" Gate Valve, Cast Iron Body, Epoxy Coated With Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem	976.51	284.65
	33 14 19 00-0261	EA	6" Gate Valve, Cast Iron Body, Epoxy Coated With Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem	1,443.70	349.29
	33 14 19 00-0262	EA	8" Gate Valve, Cast Iron Body, Epoxy Coated With Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem	2,256.88	446.31
	33 14 19 00-0263	EA	10" Gate Valve, Cast Iron Body, Epoxy Coated With Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem	3,376.50	543.34
	33 14 19 00-0264	EA	12" Gate Valve, Cast Iron Body, Epoxy Coated With Rubber Coated Disc, Flanged, 200 LB With Non Rising Stem	5,406.58	659.76
33 14 19 00-0265			**Ductile Body With Epoxy Coated Interior, Resilient Wedge Gate Valve** *(33 14 19 00-0186)*		
	33 14 19 00-0266	EA	4", 250 PSI, Ductile Body With Epoxy Coated Interior, Resilient Wedge Gate Valve	1,420.86	212.74
	33 14 19 00-0267	EA	6", 250 PSI, Ductile Body With Epoxy Coated Interior, Resilient Wedge Gate Valve	1,830.00	249.70
	33 14 19 00-0268	EA	8", 250 PSI, Ductile Body With Epoxy Coated Interior, Resilient Wedge Gate Valve	2,678.59	299.64
	33 14 19 00-0269	EA	10", 250 PSI, Ductile Body With Epoxy Coated Interior, Resilient Wedge Gate Valve	4,003.43	349.57
	33 14 19 00-0270	EA	12", 250 PSI, Ductile Body With Epoxy Coated Interior, Resilient Wedge Gate Valve	4,828.41	419.49
	33 14 19 00-0271	EA	14", 250 PSI, Ductile Body With Epoxy Coated Interior, Resilient Wedge Gate Valve	18,794.37	650.46
	33 14 19 00-0272	EA	16", 250 PSI, Ductile Body With Epoxy Coated Interior, Resilient Wedge Gate Valve	20,430.11	1,040.72
33 14 19 00-0273			**Ductile Iron Body, Gate Valve (J & S Valve)** *(33 14 19 00-0186)*		
	33 14 19 00-0274	EA	3" Non-Rising Stem (NRS), Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6603.5)	994.15	161.80
	33 14 19 00-0275	EA	3" Non-Rising Stem (NRS), Tapping Raised Face Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6603T.5)	994.15	161.80
	33 14 19 00-0276	EA	4" Non-Rising Stem (NRS), Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6604.5)	1,378.70	212.74
	33 14 19 00-0277	EA	4" Non-Rising Stem (NRS), Tapping Raised Face Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6604T)	1,378.70	212.74
	33 14 19 00-0278	EA	6" Non-Rising Stem (NRS), Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6606.5)	1,747.34	249.70
	33 14 19 00-0279	EA	6" Non-Rising Stem (NRS), Tapping Raised Face Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6606T)	1,747.34	249.70
	33 14 19 00-0280	EA	8" Non-Rising Stem (NRS), Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6608.5)	2,662.40	299.64
	33 14 19 00-0281	EA	8" Non-Rising Stem (NRS), Tapping Raised Face Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6608T)	2,662.40	299.64
	33 14 19 00-0282	EA	10" Non-Rising Stem (NRS), Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6610.5)	3,874.06	349.57
	33 14 19 00-0283	EA	10" Non-Rising Stem (NRS), Tapping Raised Face Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6610T)	3,874.06	349.57
	33 14 19 00-0284	EA	12" Non-Rising Stem (NRS), Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6612.5)	4,946.60	419.49
	33 14 19 00-0285	EA	12" Non-Rising Stem (NRS), Tapping Raised Face Flanged X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV- 6612T)	4,946.60	419.49
	33 14 19 00-0286	EA	3" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-5.6803.5)	902.31	184.38
	33 14 19 00-0287	EA	4" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-5.6804.5)	1,415.24	231.01
	33 14 19 00-0288	EA	6" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-5.6806.5)	1,790.23	271.14
	33 14 19 00-0289	EA	8" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-5.6808.5)	2,713.86	325.37

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0290	EA	10" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-5.6810.5)	3,934.10	379.59
33 14 19 00-0291	EA	12" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-5.6812.5)	5,018.63	455.52
33 14 19 00-0292	EA	3" Non-Rising Stem (NRS), Mechanical Joint x Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6903.5)	884.05	169.80
33 14 19 00-0293	EA	4" Non-Rising Stem (NRS), Mechanical Joint x Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6904.5)	1,378.70	212.74
33 14 19 00-0294	EA	6" Non-Rising Stem (NRS), Mechanical Joint x Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6906.5)	1,747.34	249.70
33 14 19 00-0295	EA	8" Non-Rising Stem (NRS), Mechanical Joint x Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6908.5)	2,662.40	299.64
33 14 19 00-0296	EA	10" Non-Rising Stem (NRS), Mechanical Joint x Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6910.5)	3,874.06	349.57
33 14 19 00-0297	EA	12" Non-Rising Stem (NRS), Mechanical Joint x Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-5.6912.5)	4,946.60	419.49
33 14 19 00-0298	EA	2" Threaded, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6302)	770.14	48.81
33 14 19 00-0299	EA	2-1/2" Threaded, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6302.5)	816.15	72.66
33 14 19 00-0300	EA	3" Threaded, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6303)	838.40	83.51
33 14 19 00-0301	EA	4" Non-Rising Stem (NRS), Push On X Flange, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6404)	1,309.93	284.65
33 14 19 00-0302	EA	6" Non-Rising Stem (NRS), Push On X Flange, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6406)	1,686.12	349.29
33 14 19 00-0303	EA	8" Non-Rising Stem (NRS), Push On X Flange, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6408)	2,617.55	446.31
33 14 19 00-0304	EA	10" Non-Rising Stem (NRS), Push On X Flange, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6410)	3,854.07	543.34
33 14 19 00-0305	EA	12" Non-Rising Stem (NRS), Push On X Flange, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6412)	4,930.85	659.76
33 14 19 00-0306	EA	4" Non-Rising Stem (NRS), Push On X Push On, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut, (J & S Valve GV-6504)	1,299.73	276.52
33 14 19 00-0307	EA	6" Non-Rising Stem (NRS), Push On X Push On, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut, (J & S Valve GV-6506)	1,686.12	349.29
33 14 19 00-0308	EA	8" Non-Rising Stem (NRS), Push On X Push On, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut, (J & S Valve GV-6508)	2,617.55	446.31
33 14 19 00-0309	EA	10" Non-Rising Stem (NRS), Push On X Push On, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut, (J & S Valve GV-6510)	3,854.07	543.34
33 14 19 00-0310	EA	12" Non-Rising Stem (NRS), Push On X Push On, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut, (J & S Valve GV-6512)	4,930.85	659.76
33 14 19 00-0311	EA	2" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6602)	628.46	144.24
33 14 19 00-0312	EA	3" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6603)	902.31	184.38
33 14 19 00-0313	EA	3" Non-Rising Stem (NRS), Tapping Raised Face Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6603T)	884.05	169.80
33 14 19 00-0314	EA	4" Non-Rising Stem (NRS), Flange x Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6604)	1,378.70	212.74
33 14 19 00-0315	EA	4" Non-Rising Stem (NRS), Tapping Raised Face Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6604T)	1,378.70	212.74
33 14 19 00-0316	EA	6" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6606)	1,747.34	249.70
33 14 19 00-0317	EA	6" Non-Rising Stem (NRS), Tapping Raised Face Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6606T)	1,747.34	249.70
33 14 19 00-0318	EA	8" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6608)	2,662.40	299.64
33 14 19 00-0319	EA	8" Non-Rising Stem (NRS), Tapping Raised Face Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6608T)	2,662.40	299.64
33 14 19 00-0320	EA	10" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6610)	3,874.06	349.57
33 14 19 00-0321	EA	10" Non-Rising Stem (NRS), Tapping Raised Face Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6610T)	3,874.06	349.57
33 14 19 00-0322	EA	12" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6612)	4,946.60	419.49
33 14 19 00-0323	EA	12" Non-Rising Stem (NRS), Tapping Raised Face Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6612T)	4,946.60	419.49
33 14 19 00-0324	EA	14" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6614)	11,897.50	946.12
33 14 19 00-0325	EA	16" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6616)	16,108.45	1,040.72
33 14 19 00-0326	EA	18" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And 2" Nut (J & S Valve GV-6618)	27,254.96	1,154.26
33 14 19 00-0327	EA	20" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And 2" Nut (J & S Valve GV-6620)	33,196.16	1,300.90
33 14 19 00-0328	EA	24" Non-Rising Stem (NRS), Flange X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And 2" Nut (J & S Valve GV-6624)	42,944.97	1,596.56
33 14 19 00-0329	EA	2" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6702)	908.27	144.24
33 14 19 00-0330	EA	2-1/2" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6702.5)	969.47	157.26
33 14 19 00-0331	EA	3" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6703)	1,003.05	184.38
33 14 19 00-0332	EA	4" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6704)	1,492.49	212.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0333	EA	5" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6705)	2,177.47	229.73
33 14 19 00-0334	EA	6" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6706)	2,217.42	249.70
33 14 19 00-0335	EA	8" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6708)	2,938.48	299.64
33 14 19 00-0336	EA	10" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6710)	4,816.09	349.57
33 14 19 00-0337	EA	12" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6712)	5,299.16	419.49
33 14 19 00-0338	EA	14" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6714)	13,442.05	946.12
33 14 19 00-0339	EA	16" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6716)	18,311.48	1,040.72
33 14 19 00-0340	EA	18" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J & S Valve GV-6718)	29,165.13	1,154.26
33 14 19 00-0341	EA	20" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J & S Valve GV-6720)	37,827.95	1,300.90
33 14 19 00-0342	EA	24" Outside Stem And Yoke, Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J & S Valve GV-6724)	49,046.69	1,596.56
33 14 19 00-0343	EA	2-1/2" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6802.5)	689.66	157.26
33 14 19 00-0344	EA	3" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6803)	902.31	184.38
33 14 19 00-0345	EA	4" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6804)	1,378.70	212.74
33 14 19 00-0346	EA	5" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6805)	1,707.39	229.73
33 14 19 00-0347	EA	6" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6806)	1,747.34	249.70
33 14 19 00-0348	EA	8" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6808)	2,662.40	299.64
33 14 19 00-0349	EA	10" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6810)	3,874.06	349.57
33 14 19 00-0350	EA	12" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6812)	4,946.60	419.49
33 14 19 00-0351	EA	14" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6814)	11,897.50	946.12
33 14 19 00-0352	EA	16" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Handwheel (J & S Valve GV-6816)	16,108.45	1,040.72
33 14 19 00-0353	EA	18" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J & S Valve GV-6818)	27,254.96	1,154.26
33 14 19 00-0354	EA	20" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J & S Valve GV-6820)	33,196.16	1,300.90
33 14 19 00-0355	EA	24" Non-Rising Stem (NRS), Flanged, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J & S Valve GV-6824)	42,944.97	1,596.56
33 14 19 00-0356	EA	2" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6902)	628.46	144.24
33 14 19 00-0357	EA	2-1/2" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6902.5)	689.66	157.26
33 14 19 00-0358	EA	3" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6903)	902.31	184.38
33 14 19 00-0359	EA	4" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6904)	1,378.70	212.74
33 14 19 00-0360	EA	6" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6906)	1,747.34	249.70
33 14 19 00-0361	EA	8" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6908)	2,662.40	299.64
33 14 19 00-0362	EA	10" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6910)	3,874.06	349.57
33 14 19 00-0363	EA	12" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6912)	4,946.60	419.49
33 14 19 00-0364	EA	14" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6914)	11,897.50	946.12
33 14 19 00-0365	EA	16" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve GV-6916)	16,108.45	1,040.72
33 14 19 00-0366	EA	18" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And 2" Nut (J & S Valve GV-6918)	27,254.96	1,154.26
33 14 19 00-0367	EA	20" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And 2" Nut (J & S Valve GV-6920)	33,196.16	1,300.90
33 14 19 00-0368	EA	24" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Resilient Seated, Ductile Iron Body, Gate Valve With Bevel Gear And 2" Nut (J & S Valve GV-6924)	42,944.97	1,596.56
33 14 19 00-0369	EA	2" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3702)	990.34	144.24
33 14 19 00-0370	EA	3" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3703)	1,266.07	184.38
33 14 19 00-0371	EA	4" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3704)	1,891.68	212.74
33 14 19 00-0372	EA	6" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3706)	2,443.14	249.70
33 14 19 00-0373	EA	8" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3708)	4,067.05	299.64
33 14 19 00-0374	EA	10" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3710)	6,183.43	349.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0375	EA	12" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3712)	7,862.22	419.49
33 14 19 00-0376	EA	14" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3714)	21,627.42	946.12
33 14 19 00-0377	EA	16" Outside Stem And Yoke, Metal Seated, Ductile Iron Body, Gate Valve With Handwheel (J&S Valve MSGV-3716)	29,666.17	1,040.72
33 14 19 00-0378	EA	18" Outside Stem And Yoke, Rotary Tribo-Electrostatic Seperator (RTS), By-Pass, Metal Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J&S Valve MSGV-3718)	46,425.68	1,154.26
33 14 19 00-0379	EA	20" Outside Stem And Yoke, Rotary Tribo-Electrostatic Seperator (RTS), By-Pass, Metal Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J&S Valve MSGV-3720)	60,824.60	1,300.90
33 14 19 00-0380	EA	24" Outside Stem And Yoke, Rotary Tribo-Electrostatic Seperator (RTS), By-Pass, Metal Seated, Ductile Iron Body, Gate Valve With Bevel Gear And Handwheel (J&S Valve MSGV-3724)	82,769.40	1,596.56
33 14 19 00-0381	EA	2" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3802)	960.50	144.24
33 14 19 00-0382	EA	2-1/2" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3802.5)	1,174.66	157.26
33 14 19 00-0383	EA	3" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3803)	1,208.24	184.38
33 14 19 00-0384	EA	4" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3804)	1,807.74	212.74
33 14 19 00-0385	EA	6" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3806)	2,333.08	249.70
33 14 19 00-0386	EA	8" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3808)	3,871.18	299.64
33 14 19 00-0387	EA	10" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3810)	5,873.77	349.57
33 14 19 00-0388	EA	12" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3812)	7,468.62	419.49
33 14 19 00-0389	EA	14"Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3814)	20,472.74	946.12
33 14 19 00-0390	EA	16" Non-Rising Stem (NRS), Flanged, Metal Seated, Ductile Iron Body, Flange, Gate Valve With Handwheel (J&S Valve MSGV-3816)	29,470.31	1,040.72
33 14 19 00-0391	EA	18" Non-Rising Stem (NRS), Flanged, Metal Seated Gate Valve, Ductile Iron Body, Gate Valve With Bevel Gear, Handwheel, Rotary Tribo-Electrostatic Seperator (RTS), And 3" By-Pass With Handwheel (J & S Valve MSGV-3818)	45,289.65	1,154.26
33 14 19 00-0392	EA	20" Non-Rising Stem (NRS), Flanged, Metal Seated Gate Valve, Ductile Iron Body, Gate Valve With Bevel Gear, Handwheel, Rotary Tribo-Electrostatic Seperator (RTS), And 3" By-Pass With Handwheel (J & S Valve MSGV-3820)	58,884.58	1,300.90
33 14 19 00-0393	EA	24" Non-Rising Stem (NRS), Flanged, Metal Seated Gate Valve, Ductile Iron Body, Gate Valve With Bevel Gear, Handwheel, Rotary Tribo-Electrostatic Seperator (RTS), And 3" By-Pass With Handwheel (J & S Valve MSGV-3824)	79,607.54	1,596.56
33 14 19 00-0394	EA	3" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Metal Seated, Gate Valve, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve MSGV-3903)	1,208.24	184.38
33 14 19 00-0395	EA	4" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Metal Seated, Gate Valve, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve MSGV-3904)	1,807.74	212.74
33 14 19 00-0396	EA	6" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Metal Seated, Gate Valve, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve MSGV-3906)	2,333.08	249.70
33 14 19 00-0397	EA	8" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Metal Seated, Gate Valve, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve MSGV-3908)	3,871.18	299.64
33 14 19 00-0398	EA	10" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Metal Seated, Gate Valve, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve MSGV-3910)	5,873.77	349.57
33 14 19 00-0399	EA	12" Non-Rising Stem (NRS), Mechanical Joint X Mechanical Joint, Metal Seated, Gate Valve, Ductile Iron Body, Gate Valve With 2" Nut (J & S Valve MSGV-3912)	7,468.62	419.49
33 14 19 00-0400		Plug Valves *(33 14 19 00-0006)*		
33 14 19 00-0401		Ductile Iron Body, Plug Valve (J & S Valve) *(33 14 19 00-0400)*		
33 14 19 00-0402	EA	3" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4803)	1,486.58	169.80
33 14 19 00-0403	EA	4" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4804)	1,735.24	284.65
33 14 19 00-0404	EA	6" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4806)	2,378.19	349.29
33 14 19 00-0405	EA	8" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4808)	3,643.49	446.31
33 14 19 00-0406	EA	10" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4810)	6,174.63	543.34
33 14 19 00-0407	EA	12" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4812)	8,566.51	659.76
33 14 19 00-0408	EA	14" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4814)	13,481.22	946.12
33 14 19 00-0409	EA	16"Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4816)	18,221.94	1,040.72
33 14 19 00-0410	EA	18" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4818)	26,768.09	1,154.26
33 14 19 00-0411	EA	20" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4820)	38,924.80	1,300.90
33 14 19 00-0412	EA	24" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4824)	64,723.52	1,596.56
33 14 19 00-0413	EA	30" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4830)	123,820.53	2,601.81
33 14 19 00-0414	EA	36" Stainless Steel, Flanged, Metal Seated, 316 To Nitronic 60 Stainless Steel Seating, Ductile Iron Body, Plug Valve With Worm Gear And Handwheel (J&S Valve PV-4836)	156,082.92	3,547.93

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0415		Globe Valve, AWWA *(33 14 19 00-0006)*		
33 14 19 00-0416		Globe Valve, Threaded, WW-V-51 Class B, Type 1 *(33 14 19 00-0415)*		
		Note: NIBCO T-235.		
33 14 19 00-0417	EA	1/8" Globe Valve, Threaded	81.64	17.46
33 14 19 00-0418	EA	1/4" Globe Valve, Threaded	78.29	17.46
33 14 19 00-0419	EA	3/8" Globe Valve, Threaded	79.95	17.46
33 14 19 00-0420	EA	1/2" Globe Valve, Threaded	81.64	17.46
33 14 19 00-0421	EA	3/4" Globe Valve, Threaded	110.87	23.59
33 14 19 00-0422	EA	1" Globe Valve, Threaded	156.14	28.53
33 14 19 00-0423	EA	1-1/4" Globe Valve, Threaded	228.95	36.11
33 14 19 00-0424	EA	1-1/2" Globe Valve, Threaded	273.48	41.75
33 14 19 00-0425	EA	2" Globe Valve, Threaded	382.73	48.81
33 14 19 00-0426	EA	2-1/2" Globe Valve, Threaded	705.41	66.62
33 14 19 00-0427	EA	3" Globe Valve, Threaded	967.53	76.81
33 14 19 00-0428		Tapping Valve, AWWA C500 And C509 *(33 14 19 00-0006)*		
33 14 19 00-0429		Tapping Valve, AWWA C500 And C509 *(33 14 19 00-0428)*		
		Note: Flanged inlet X mechanical joint, Mueller H-667.		
33 14 19 00-0430	EA	2" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	890.33	133.14
33 14 19 00-0431	EA	3" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,146.87	169.80
33 14 19 00-0432	EA	4" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,429.00	212.74
33 14 19 00-0433	EA	6" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,842.08	359.56
33 14 19 00-0434	EA	8" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	2,633.65	459.44
33 14 19 00-0435	EA	10" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	3,787.71	559.32
33 14 19 00-0436	EA	12" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	5,559.39	419.49
33 14 19 00-0437	EA	14" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	10,096.37	946.12
33 14 19 00-0438	EA	16" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	12,717.09	1,040.72
33 14 19 00-0439	EA	18" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	20,386.88	1,154.26
33 14 19 00-0440		Ball Meter Valves *(33 14 19 00-0006)*		
33 14 19 00-0441	EA	3/4" Ball Meter Valve (Ford B43-342W)	130.82	27.12
		Note: 1" service line size. Pack joint for copper or plastic tubing inlet by meter swivel nut.		
33 14 19 00-0442	EA	1" Ball Meter Valve (Ford B43-444W)	142.13	28.74
		Note: 1" service line size. Pack joint for copper or plastic tubing inlet by meter swivel nut.		
33 14 19 00-0443	EA	1-1/2" Ball Meter Valve (Ford BF43-666W)	271.88	48.81
		Note: 1-1/2" service line size. Pack joint for copper or plastic tubing inlet by meter flange.		
33 14 19 00-0444	EA	2" Ball Meter Valve (Ford BF43-777W)	380.55	49.35
		Note: 2" service line size. Pack joint for copper or plastic tubing inlet by meter flange.		
33 14 19 00-0445	EA	3/4" Threaded Ball Meter Valve (Mueller B-20200)	133.50	27.12
33 14 19 00-0446	EA	1" Threaded Ball Meter Valve (Mueller B-20200)	178.51	28.74
33 14 19 00-0447	EA	1-1/2" Threaded Ball Meter Valve (Mueller B-20200)	322.33	48.81
33 14 19 00-0448	EA	2" Threaded Ball Meter Valve (Mueller B-20200)	425.79	49.35
33 14 19 00-0449	EA	3/4", 150 PSI, Ball Valve (Ford B13-332W)	165.80	27.12
33 14 19 00-0450	EA	1", 150 PSI, Ball Valve (Ford B13-444W)	270.25	28.74
33 14 19 00-0451	EA	1-1/2", 150 PSI, Ball Valve (Ford B13-666W)	621.66	48.81
33 14 19 00-0452	EA	2", 150 PSI, Ball Valve (Ford B13-777W)	844.51	49.35
33 14 19 00-0453	EA	1" Bronze Angle Meter Stop With 90 Degree Lock Wing, Compression x Outlet Swivel Meter Nut (Mueller B-2458N)	291.95	32.54
33 14 19 00-0454	EA	1" Bronze Angle Meter Stop With 90 Degree Lock Wing, Flare x Outlet Swivel Meter Nut (Mueller B-2455N	284.36	32.54
33 14 19 00-0455	EA	2" Bronze Angle Meter Stop With 90 Degree Lock Wing, Compression x Outlet Meter Flange (Mueller B-24276N	702.85	49.89
33 14 19 00-0456	EA	1" Bronze Angle Meter Stop With 90 Degree Lock Wing, Flare x Outlet Meter Flange (Mueller B-24277N)	284.36	32.54
33 14 19 00-0457	EA	3/4" Bronze Shut-Off Valve, Inlet Swivel Meter Nut x Outlet FIP Thread, Lockable Tabs With Lever Handle (Mueller B-24351)	169.81	23.86
33 14 19 00-0458	EA	1" Bronze Shut-Off Valve, Inlet Swivel Meter Nut x Outlet FIP Thread, Lockable Tabs With Lever Handle (Mueller B-24351)	239.75	28.20
33 14 19 00-0459	EA	1-1/2" Bronze Shut-Off Valve, Inlet Meter Flange x Outlet FIP Thread, Lockable Tabs With Lever Handle (Mueller B-24337)	400.78	41.21
33 14 19 00-0460	EA	2" Bronze Shut-Off Valve, Inlet Meter Flange x Outlet FIP Thread, Lockable Tabs With Lever Handle (Mueller B-24337)	649.03	48.81
33 14 19 00-0461		Yokes And Angles *(33 14 19 00-0006)*		
33 14 19 00-0462		Yoke, Meter *(33 14 19 00-0461)*		
33 14 19 00-0463	EA	Yoke, Meter, 5/8"	51.14	16.27
33 14 19 00-0464	EA	Yoke, Meter, 3/4"	57.98	17.89
33 14 19 00-0465	EA	Yoke, Meter, 1"	75.86	20.61
33 14 19 00-0466		Angles And Ells *(33 14 19 00-0461)*		
33 14 19 00-0467	EA	1-1/2" Flanged Angle, ELL	126.97	11.38
33 14 19 00-0468	EA	ELL, Yoke, With Female I.P.T.	37.85	9.76
33 14 19 00-0469		Air Release and Vacuum Combination Valves, Ductile Iron Body (APCo or Crispin) *(33 14 19 00-0006)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0470	EA	1" Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body	944.21	20.97
33 14 19 00-0471	EA	1-1/2" Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body	1,190.55	28.97
33 14 19 00-0472	EA	2" Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body	1,435.90	36.45
33 14 19 00-0473	EA	2-1/2" Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body	1,914.00	49.94
33 14 19 00-0474	EA	3" Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body	2,387.86	60.93
33 14 19 00-0475	EA	4" Flanged, Air Release and Vacuum Combination Valves, Ductile Iron Body	3,598.30	166.40
33 14 19 00-0476	EA	6" Flanged, Air Release and Vacuum Combination Valves, Ductile Iron Body	4,594.96	180.43
33 14 19 00-0477		Air Release and Vacuum Combination Valves, Ductile Iron Body (A.R.I. Flow Control Accessories, Ltd., D-040-C "Barak") *(33 14 19 00-0006)*		
33 14 19 00-0478	EA	1" Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body (A.R.I. Flow Control Accessories D-040-C "Barak")	473.88	20.97
33 14 19 00-0479	EA	1-1/2" Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body (A.R.I. Flow Control Accessories D-040-C "Barak")	789.34	28.97
33 14 19 00-0480	EA	2" Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body (A.R.I. Flow Control Accessories D-040-C "Barak")	1,103.79	35.96
33 14 19 00-0481	EA	2-1/2" Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body (A.R.I. Flow Control Accessories D-040-C "Barak")	1,614.81	49.94
33 14 19 00-0482	EA	3" Threaded, Air Release and Vacuum Combination Valves, Ductile Iron Body (A.R.I. Flow Control Accessories D-040-C "Barak")	2,120.89	60.93
33 14 19 00-0483		Pressure Reducing Valves, Ductile Iron Body (Cla-Val Model 100-42 700 Series Roll Seal) *(33 14 19 00-0006)*		
33 14 19 00-0484	EA	2" Pressure Reducing Valves, Ductile Iron Body (Cal-Val Model 100-42 700 Series Roll Seal)	3,123.01	106.37
33 14 19 00-0485	EA	2-1/2" Pressure Reducing Valves, Ductile Iron Body (Cal-Val Model 100-42 700 Series Roll Seal)	3,585.20	133.34
33 14 19 00-0486	EA	3" Pressure Reducing Valves, Ductile Iron Body (Cal-Val Model 100-42 700 Series Roll Seal)	4,049.38	159.81
33 14 19 00-0487	EA	4" Pressure Reducing Valves, Ductile Iron Body (Cal-Val Model 100-42 700 Series Roll Seal)	6,509.64	212.74
33 14 19 00-0488	EA	6" Pressure Reducing Valves, Ductile Iron Body (Cal-Val Model 100-42 700 Series Roll Seal)	9,808.65	249.70
33 14 19 00-0489	EA	8" Pressure Reducing Valves, Ductile Iron Body (Cal-Val Model 100-42 700 Series Roll Seal)	16,827.13	299.64
33 14 19 00-0490	EA	10" Pressure Reducing Valves, Ductile Iron Body (Cal-Val Model 100-42 700 Series Roll Seal)	31,708.70	349.57
33 14 19 00-0491	EA	12" Pressure Reducing Valves, Ductile Iron Body (Cal-Val Model 100-42 700 Series Roll Seal)	39,747.47	419.49
33 14 19 00-0492		Pump Control Valves, Ductile Iron Body (Cla-Val Model 60-08/660-08) *(33 14 19 00-0006)*		
33 14 19 00-0493	EA	2" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	10,786.45	106.37
33 14 19 00-0494	EA	2-1/2" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	11,676.10	133.34
33 14 19 00-0495	EA	3" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	12,567.74	159.81
33 14 19 00-0496	EA	4" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	14,751.57	212.74
33 14 19 00-0497	EA	6" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	18,122.24	249.70
33 14 19 00-0498	EA	8" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	25,770.38	299.64
33 14 19 00-0499	EA	10" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	33,694.95	349.57
33 14 19 00-0500	EA	12" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	54,539.39	419.49
33 14 19 00-0501	EA	14" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	88,873.92	579.49
33 14 19 00-0502	EA	16" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	101,908.54	650.46
33 14 19 00-0503	EA	18" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	78,299.75	721.41
33 14 19 00-0504	EA	20" Pump Control Valves, Ductile Iron Body (Cal-Val Model 60-08/660-08)	80,400.39	813.07
33 14 19 00-0505		Water Service Meter Accessories *(33 14 19 00-0006)*		
33 14 19 00-0506	EA	Bronge Meter Flange With Gasket For 1-1/2" And 2" Meters (AY McDonald 610F)	172.78	28.20
33 14 19 00-0507	EA	3/4" Bronze Ball Valve, FIP x Meter Swivel, With Locking Tabs (A.Y. McDonald 76101W)	188.46	22.78
33 14 19 00-0508	EA	1" Bronze BallValve, FIP x Meter Swivel, With Locking Tabs (A.Y. McDonald 76101W)	283.34	28.20
33 14 19 00-0509	EA	1-1/2" Bronze BallValve, FIP x Meter Swivel, With Locking Tabs (A.Y. McDonald 76101W)	443.73	41.21
33 14 19 00-0510	EA	2" Bronze BallValve, FIP x Meter Swivel, With Locking Tabs (A.Y. McDonald 76101W)	688.50	48.81
33 14 19 00-0511		Fire Hydrants *(33 14 19)* Note: Breakaway type.		
33 14 19 00-0512		Three Way, Standard (Traditional) Model Fire Hydrant *(33 14 19 00-0511)* Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0513	EA	1-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,552.57	271.66
33 14 19 00-0514	EA	2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,619.08	271.66
33 14 19 00-0515	EA	2-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,685.76	271.66
33 14 19 00-0516	EA	3' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,771.53	291.07
33 14 19 00-0517	EA	3-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,838.11	291.07
33 14 19 00-0518	EA	4' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,929.01	315.33
33 14 19 00-0519	EA	4-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,995.48	315.33
33 14 19 00-0520	EA	5' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,086.39	339.58
33 14 19 00-0521	EA	5-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,152.96	339.58
33 14 19 00-0522	EA	6' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,243.69	363.84
33 14 19 00-0523	EA	6-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,334.49	388.09
33 14 19 00-0524	EA	7' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,449.45	436.60
33 14 19 00-0525	EA	1-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,613.27	271.66
33 14 19 00-0526	EA	2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,699.58	271.66
33 14 19 00-0527	EA	2-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,785.68	271.66
33 14 19 00-0528	EA	3' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,891.19	291.07
33 14 19 00-0529	EA	3-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,977.29	291.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0530	EA	4' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,087.97	315.33
33 14 19 00-0531	EA	4-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,173.96	315.33
33 14 19 00-0532	EA	5' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,284.40	339.58
33 14 19 00-0533	EA	5-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,370.48	339.58
33 14 19 00-0534	EA	6' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,480.69	363.84
33 14 19 00-0535	EA	6-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,591.25	388.09
33 14 19 00-0536	EA	7' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,725.71	436.60
33 14 19 00-0537		**Two Way, Standard (Traditional) Model Fire Hydrant** *(33 14 19 00-0511)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0538	EA	1-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,187.49	271.66
33 14 19 00-0539	EA	2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,253.77	271.66
33 14 19 00-0540	EA	2-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,320.43	271.66
33 14 19 00-0541	EA	3' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,406.48	291.07
33 14 19 00-0542	EA	3-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,472.84	291.07
33 14 19 00-0543	EA	4' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,563.59	315.33
33 14 19 00-0544	EA	4-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,630.16	315.33
33 14 19 00-0545	EA	5' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,721.13	339.58
33 14 19 00-0546	EA	5-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,787.56	339.58
33 14 19 00-0547	EA	6' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,878.65	363.84
33 14 19 00-0548	EA	6-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,969.03	388.09
33 14 19 00-0549	EA	7' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,084.13	436.60
33 14 19 00-0550	EA	1-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,281.25	271.66
33 14 19 00-0551	EA	2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,367.37	271.66
33 14 19 00-0552	EA	2-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,453.36	271.66
33 14 19 00-0553	EA	3' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,559.09	291.07
33 14 19 00-0554	EA	3-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,644.97	291.07
33 14 19 00-0555	EA	4' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,755.50	315.33
33 14 19 00-0556	EA	4-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,841.43	315.33
33 14 19 00-0557	EA	5' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,952.15	339.58
33 14 19 00-0558	EA	5-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,038.03	339.58
33 14 19 00-0559	EA	6' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,148.54	363.84
33 14 19 00-0560	EA	6-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,258.68	388.09
33 14 19 00-0561	EA	7' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,393.61	436.60
33 14 19 00-0562		**Three Way, Modern Model Fire Hydrant** *(33 14 19 00-0511)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0563	EA	1-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	3,707.79	271.66
33 14 19 00-0564	EA	2' Burial Section, Three Way, Modern Type Fire Hydrant	3,793.78	271.66
33 14 19 00-0565	EA	2-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	3,880.03	271.66
33 14 19 00-0566	EA	3' Burial Section, Three Way, Modern Type Fire Hydrant	3,985.59	291.07
33 14 19 00-0567	EA	3-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,071.64	291.07
33 14 19 00-0568	EA	4' Burial Section, Three Way, Modern Type Fire Hydrant	4,182.00	315.33
33 14 19 00-0569	EA	4-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,268.17	315.33
33 14 19 00-0570	EA	5' Burial Section, Three Way, Modern Type Fire Hydrant	4,378.54	339.58
33 14 19 00-0571	EA	5-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,464.62	339.58
33 14 19 00-0572	EA	6' Burial Section, Three Way, Modern Type Fire Hydrant	4,574.98	339.58
33 14 19 00-0573	EA	6-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,685.59	388.09
33 14 19 00-0574	EA	7' Burial Section, Three Way, Modern Type Fire Hydrant	4,819.15	388.09
33 14 19 00-0575		**Two Way, Modern Model Fire Hydrant** *(33 14 19 00-0511)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0576	EA	1-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,629.53	271.66
33 14 19 00-0577	EA	2' Burial Section, Two Way, Modern Type Fire Hydrant	2,694.97	271.66
33 14 19 00-0578	EA	2-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,761.14	271.66
33 14 19 00-0579	EA	3' Burial Section, Two Way, Modern Type Fire Hydrant	2,845.22	291.07
33 14 19 00-0580	EA	3-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,910.64	291.07
33 14 19 00-0581	EA	4' Burial Section, Two Way, Modern Type Fire Hydrant	3,000.32	315.33
33 14 19 00-0582	EA	4-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,065.72	315.33
33 14 19 00-0583	EA	5' Burial Section, Two Way, Modern Type Fire Hydrant	3,155.47	339.58
33 14 19 00-0584	EA	5-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,220.70	339.58
33 14 19 00-0585	EA	6' Burial Section, Two Way, Modern Type Fire Hydrant	3,310.40	363.84
33 14 19 00-0586	EA	6-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,400.16	388.09
33 14 19 00-0587	EA	7' Burial Section, Two Way, Modern Type Fire Hydrant	3,513.28	436.60
33 14 19 00-0588		**Safetop Model With Breakable Section** *(33 14 19 00-0511)*		
		Note: Prices listed are for mechanical joint. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0589	EA	4" Safetop Model Fire Hydrant Breakable With 5' Burial Section	2,636.23	194.05
33 14 19 00-0590	EA	6" Safetop Model Fire Hydrant Breakable With 5' Burial Section	2,817.92	218.30
33 14 19 00-0591	EA	8" Safetop Model Fire Hydrant Breakable With 5' Burial Section	3,071.79	242.56
33 14 19 00-0592		**Fire Hydrant Extension Kits** *(33 14 19 00-0511)*		
33 14 19 00-0593	EA	6" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	544.22	24.26
33 14 19 00-0594	EA	12" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	646.03	30.32
33 14 19 00-0595	EA	18" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	703.30	36.39
33 14 19 00-0596	EA	24" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	797.99	44.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0597	EA	30" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,213.49	46.69
33 14 19 00-0598	EA	36" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,296.63	48.51
33 14 19 00-0599	EA	42" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,315.66	50.94
33 14 19 00-0600	EA	48" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,389.31	54.57
33 14 19 00-0601	EA	54" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,529.53	65.49
33 14 19 00-0602	EA	60" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,610.19	78.83
33 14 19 00-0603	EA	6" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	605.53	27.17
33 14 19 00-0604	EA	12" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	716.29	32.99
33 14 19 00-0605	EA	18" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	821.30	39.78
33 14 19 00-0606	EA	24" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	916.23	49.48
33 14 19 00-0607	EA	30" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,261.13	51.43
33 14 19 00-0608	EA	36" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,345.28	53.36
33 14 19 00-0609	EA	42" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,402.68	56.28
33 14 19 00-0610	EA	48" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,642.83	60.15
33 14 19 00-0611	EA	54" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,797.99	71.80
33 14 19 00-0612	EA	60" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,884.77	86.35
33 14 19 00-0613		**Removal And Reinstallation Of Standard Fire Hydrant** *(33 14 19 00-0511)*		
		Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant.		
33 14 19 00-0614	EA	Up To 5' Burial Section, Removal And Reinstallation Of Fire Hydrant	776.19	
33 14 19 00-0615	EA	>5' Burial Section, Removal And Reinstallation Of Fire Hydrant	1,131.94	
33 14 19 00-0616	EA	Reset Fire Hydrant Upper Barrel	1,052.55	
		Note: Includes Safety Repair Kit		
33 14 19 00-0617		**Hydrant Head** *(33 14 19 00-0511)*		
33 14 19 00-0618	EA	4" x 2-1/2" Bronze Hydrant Head Only With 2-1/2" Dome Cap (James Jones J-3708)	9,372.10	776.19
33 14 19 00-0619		**Insertion Valves** *(33 14 19)*		
33 14 19 00-0620	EA	4" Diameter x 16" Length, 150 PSI, Stainless Steel Bolt-On Sleeve And Nozzel, Carbon Steel Flange, Insertion Valve (Hydra-Stop Insta-Valve Complete Fittings)	3,849.62	181.78
		Note: Bolt-On sleeve for cast/ductile iron, steel, A.C. or P.V.C. Pipe		
33 14 19 00-0621	EA	6" Diameter x 16" Length, 150 PSI, Stainless Steel Bolt-On Sleeve And Nozzel, Carbon Steel Flange, Insertion Valve (Hydra-Stop Insta-Valve Complete Fittings)	4,295.45	199.76
		Note: Bolt-On sleeve for cast/ductile iron, steel, A.C. or P.V.C. Pipe		
33 14 19 00-0622	EA	8" Diameter x 20" Length, 150 PSI, Stainless Steel Bolt-On Sleeve And Nozzel, Carbon Steel Flange, Insertion Valve (Hydra-Stop Insta-Valve Complete Fittings)	5,004.51	299.64
		Note: Bolt-On sleeve for cast/ductile iron, steel, A.C. or P.V.C. Pipe		
33 14 19 00-0623	EA	10" Diameter x 20" Length, 150 PSI, Stainless Steel Bolt-On Sleeve And Nozzel, Carbon Steel Flange, Insertion Valve (Hydra-Stop Insta-Valve Complete Fittings)	7,699.87	349.57
		Note: Bolt-On sleeve for cast/ductile iron, steel, A.C. or P.V.C. Pipe		
33 14 19 00-0624	EA	12" Diameter x 24" Length, 150 PSI, Stainless Steel Bolt-On Sleeve And Nozzel, Carbon Steel Flange, Insertion Valve (Hydra-Stop Insta-Valve Complete Fittings)	9,357.13	424.49
		Note: Bolt-On sleeve for cast/ductile iron, steel, A.C. or P.V.C. Pipe		
33 14 19 00-0625		**Yard Hydrants** *(33 14 19)*		
		Note: With 3/4" hose thread outlet.		
33 14 19 00-0626	EA	2' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	359.11	32.54
33 14 19 00-0627	EA	4' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	386.64	32.54
33 14 19 00-0628	EA	6' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	414.16	32.54
33 14 19 00-0629	EA	2' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	307.43	41.21
33 14 19 00-0630	EA	4' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	322.08	41.21
33 14 19 00-0631	EA	6' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	336.73	41.21
33 14 19 00-0632		**Sanitary Yard Hydrants** *(33 14 19)*		
		Note: With 3/4" hose thread outlet.		
33 14 19 00-0633	EA	2' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,656.68	67.79
33 14 19 00-0634	EA	4' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,742.70	67.79
33 14 19 00-0635	EA	6' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,828.71	67.79
33 14 19 00-0636		**Flushing Hydrants** *(33 14 19)*		
33 14 19 00-0637	EA	2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth	821.78	41.79
33 14 23		**Enclosures for Water Utility Piping and Valves** *(33 14)*		
		Note: Excludes excavation and backfill. See CSI section 22 11 19 00-0473 for Enclosures.		
33 14 23 00-0001		**Roadway Utility Box** *(33 14 23)*		
33 14 23 00-0002		**Utility Box** *(33 14 23 00-0001)*		
		Note: Christy Concrete Products.		
33 14 23 00-0003		**B3 Utility Box, 9-3/8" x 15-1/2"** *(33 14 23 00-0002)*		
33 14 23 00-0004	EA	9-3/8" x 15-1/2" Precast Concrete Utility Box	112.13	49.49
33 14 23 00-0005	EA	Cast Iron Lid For 9-3/8" x 15-1/2" Utility Box	114.83	5.50
33 14 23 00-0006	EA	Reinforced Concrete Lid For 9-3/8" x 15-1/2" Utility Box	47.52	5.50
33 14 23 00-0007	EA	Steel Checkered Plate Cover For 9-3/8" x 15-1/2" Utility Box	251.67	5.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 23 00-0008	EA	12-1/8" x 18-5/8" Reinforced Concrete Slab For 9-3/8" x 15-1/2" Utility Box	67.09	11.00
33 14 23 00-0009	EA	3" High Reinforced Concrete Base For 9-3/8" x 15-1/2" Utility Box	96.83	11.00
33 14 23 00-0010		**B9 Utility Box, 10-1/4" x 17-1/4"** *(33 14 23 00-0002)*		
33 14 23 00-0011	EA	10-1/4" x 17-1/4" Precast Concrete Utility Box	135.77	65.99
33 14 23 00-0012	EA	Cast Iron Lid For 10-1/4" x 17-1/4" Utility Box	134.50	6.59
33 14 23 00-0013	EA	Reinforced Concrete Lid For 10-1/4" x 17-1/4" Utility Box	52.70	6.59
33 14 23 00-0014	EA	Steel Checkered Plate Cover For 10-1/4" x 17-1/4" Utility Box	264.05	5.50
33 14 23 00-0015	EA	13" x 19-3/4" Reinforced Concrete Slab For 10-1/4" x 17-1/4" Utility Box	75.27	11.00
33 14 23 00-0016	EA	5-3/4" High Reinforced Concrete Base For 10-1/4" x 17-1/4" Utility Box	100.66	16.50
33 14 23 00-0017	EA	12" High Reinforced Concrete Extension For 10-1/4" x 17-1/4" Utility Box	118.35	30.24
33 14 23 00-0018		**B12 Utility Box, 12" x 20"** *(33 14 23 00-0002)*		
33 14 23 00-0019	EA	12" x 20" Precast Concrete Utility Box	149.30	71.48
33 14 23 00-0020	EA	Cast Iron Lid For 12" x 20" Utility Box	242.50	8.25
33 14 23 00-0021	EA	Reinforced Concrete Lid For 12" x 20" Utility Box	70.50	11.00
33 14 23 00-0022	EA	Steel Checkered Plate Cover For 12" x 20" Utility Box	354.83	11.00
33 14 23 00-0023	EA	12" High Reinforced Concrete Extension For 12" x 20" Utility Box	154.40	38.49
33 14 23 00-0024		**B16 Utility Box, 12" x 22-1/4"** *(33 14 23 00-0002)*		
33 14 23 00-0025	EA	12" x 22-1/4" Precast Concrete Utility Box	171.80	83.58
33 14 23 00-0026	EA	Cast Iron Lid For 12" x 22-1/4" Utility Box	273.85	11.00
33 14 23 00-0027	EA	Reinforced Concrete Lid For 12" x 22-1/4" Utility Box	87.36	11.00
33 14 23 00-0028	EA	Steel Checkered Plate Cover For 12" x 22-1/4" Utility Box	356.84	11.00
33 14 23 00-0029	EA	16" x 27" Reinforced Concrete Slab For 12" x 22-1/4" Utility Box	122.39	18.70
33 14 23 00-0030	EA	12" High Reinforced Concrete Extension For 12" x 22-1/4" Utility Box	157.20	38.49
33 14 23 00-0031		**B30 Utility Box, 13-1/4" x 24"** *(33 14 23 00-0002)*		
33 14 23 00-0032	EA	13-1/4" x 24" Precast Concrete Utility Box (Christy B30BOX)	207.04	98.98
33 14 23 00-0033	EA	Reinforced Concrete Lid For 13-1/4" x 24" Utility Box (Christy B30D)	117.42	17.60
33 14 23 00-0034	EA	Steel Checkered Plate Cover For 13-1/4" x 24" Utility Box (Christy B30-61G)	441.09	14.30
33 14 23 00-0035	EA	16" x 27" Reinforced Concrete Slab For 13-1/4" x 24" Utility Box (Christy B30SL)	122.39	18.70
33 14 23 00-0036	EA	5-1/2" High Reinforced Concrete Base For 13-1/4" x 24" Utility Box (Christy B30BA)	187.31	30.80
33 14 23 00-0037	EA	6" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X6)	146.55	20.89
33 14 23 00-0038	EA	12" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X12)	203.74	49.49
33 14 23 00-0039		**B36 Utility Box, 17-1/4" x 30"** *(33 14 23 00-0002)*		
33 14 23 00-0040	EA	17-1/4" x 30" Precast Concrete Utility Box (Christy B36BOX)	270.75	125.37
33 14 23 00-0041	EA	Reinforced Concrete Lid For 17-1/4" x 30" Utility Box (Christy B36D)	191.18	30.24
33 14 23 00-0042	EA	Steel Checkered Plate Cover For 17-1/4" x 30" Utility Box (Christy B36-61D)	552.66	20.89
33 14 23 00-0043	EA	20" x 34" Reinforced Concrete Slab For 17-1/4" x 30" Utility Box (Christy B36SL)	171.18	39.59
33 14 23 00-0044	EA	6" High Reinforced Concrete Base For 17-1/4" x 30" Utility Box (Christy B36BA)	291.73	43.99
33 14 23 00-0045	EA	12" High Reinforced Concrete Extension For 17-1/4" x 30" Utility Box (Christy B36X12)	272.23	63.79
33 14 23 00-0046		**B40 Utility Box, 24-1/2" x 36"** *(33 14 23 00-0002)*		
33 14 23 00-0047	EA	24-1/2" x 36" Precast Concrete Utility Box	563.14	193.56
33 14 23 00-0048	EA	Reinforced Concrete Lid For 24-1/2" x 36" Utility Box	524.10	72.58
33 14 23 00-0049	EA	Steel Checkered Plate Cover For 24-1/2" x 36" Utility Box	784.79	31.89
33 14 23 00-0050	EA	30" x 40" Reinforced Concrete Slab For 24-1/2" x 36" Utility Box	427.74	68.19
33 14 23 00-0051	EA	10" High Reinforced Concrete Extension For 24-1/2" x 36" Utility Box	453.89	71.48
33 14 23 00-0052		**B48 Utility Box, 30-1/4" x 48-1/4"** *(33 14 23 00-0002)*		
33 14 23 00-0053	EA	30-1/4" x 48-1/4" Precast Concrete Utility Box	710.18	219.95
33 14 23 00-0054	EA	1 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	720.66	119.87
33 14 23 00-0055	EA	2 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	911.46	119.87
33 14 23 00-0056	EA	2 Piece Steel Checkered Plate Cover For 30-1/4" x 48-1/4" Utility Box	1,242.03	54.99
33 14 23 00-0057	EA	36" x 53" Reinforced Concrete Slab For 30-1/4" x 48-1/4" Utility Box	617.18	148.47
33 14 23 00-0058	EA	10" High Reinforced Concrete Extension For 30-1/4" x 48-1/4" Utility Box	559.94	100.08
33 14 23 00-0059		**B65 Utility Box, 15" x 26-1/2"** *(33 14 23 00-0002)*		
33 14 23 00-0060	EA	15" x 26-1/2" Precast Concrete Utility Box	188.36	125.37
33 14 23 00-0061	EA	Reinforced Concrete Lid For 15" x 26-1/2" Utility Box	116.25	30.24
33 14 23 00-0062	EA	Steel Checkered Plate Cover For 15" x 26-1/2" Utility Box	359.62	20.89
33 14 23 00-0063	EA	20" x 34" Reinforced Concrete Slab For 15" x 26-1/2" Utility Box	171.18	39.59
33 14 23 00-0064	EA	6" High Reinforced Concrete Base For 15" x 26-1/2" Utility Box	291.73	43.99
33 14 23 00-0065	EA	12" High Reinforced Concrete Extension For 15" x 26-1/2" Utility Box	203.67	63.79
33 14 23 00-0066		**Roadway Or Curb Valve Boxes** *(33 14 23)*		
33 14 23 00-0067		**Round Head, Cast Iron Service, Roadway Or Valve Boxes** *(33 14 23 00-0066)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 23 00-0068	EA	36" To 48" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	301.11	13.18
33 14 23 00-0069	EA	36" To 54" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	353.22	13.18
33 14 23 00-0070	EA	42" To 60" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	355.62	13.18
33 14 23 00-0071	EA	9" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	86.32	6.59
33 14 23 00-0072	EA	16" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	100.12	6.59
33 14 23 00-0073	EA	24" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	120.67	6.59
33 14 23 00-0074	EA	36" To 48" High, Screw Type, 4-1/4" Shaft, Round Head, Cast Iron Roadway Box Note: Includes cover, top section and bottom section.	459.49	16.48
33 14 23 00-0075	EA	45" To 54" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	804.56	23.07
33 14 23 00-0076	EA	45" To 66" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	901.76	23.07
33 14 23 00-0077	EA	24" To 36" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	478.76	16.48
33 14 23 00-0078	EA	36" To 48" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	501.99	16.48
33 14 23 00-0079	EA	24" To 36" High, Two Piece, Slip Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	484.25	16.48
33 14 23 00-0080	EA	12" Extension For Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	174.52	6.59
33 14 23 00-0081	EA	18" To 24" High Round Head Cast Iron Roadway Or Curb Valve Boxes	282.81	27.12
33 14 23 00-0082	EA	22" To 28" High Round Head Cast Iron Roadway Or Curb Valve Boxes	293.36	28.20
33 14 23 00-0083	EA	30" To 36" High Round Head Cast Iron Roadway Or Curb Valve Boxes	326.92	29.28
33 14 23 00-0084	EA	36" To 48" High Round Head Cast Iron Roadway Or Curb Valve Box	460.55	30.91
33 14 23 00-0085	EA	48" To 60" High Round Head Cast Iron Roadway Or Curb Valve Boxes	558.83	32.54
33 14 23 00-0086	EA	18" Cast Iron Service Box Extension Section	133.23	
33 14 23 00-0087		**Plastic Roadway Grade Water Meter Box And Cover** *(33 14 23 00-0066)*		
33 14 23 00-0088	EA	12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover	466.15	37.96
33 14 23 00-0089	EA	9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover	353.10	27.12
33 14 23 00-0090	EA	Cast Iron Lid For Plastic Meter Box	109.99	
33 14 23 00-0091		**Traffic Valve Box And Lid** *(33 14 23 00-0066)*		
33 14 23 00-0092	EA	10-3/8" ID x 12" Traffic Valve Box And 11" OD Cast Iron Lid (Christy G-5)	206.34	
33 14 23 00-0093	EA	14-1/2" ID x 12" Traffic Valve Box And 13-1/4" OD Cast Iron Lid (Christy G-12)	680.87	
33 14 23 00-0094		**Service Meter Boxes (Brooks)** *(33 14 23)*		
33 14 23 00-0095	EA	12" x 20", Precast Service Meter Box With Concrete Cover, Exposed To Traffic (Brooks #37-1 PC)	181.59	53.67
33 14 23 00-0096	EA	12" x 20", Precast Service Meter Box, Concrete Cover With Cast Iron Reading Lid, Exposed To Traffic (Brooks #37-S)	140.67	10.73
33 14 23 00-0097	EA	12" x 20", Precast Service Meter Box With Cast Iron Hinged Cover, Exposed To Traffic (Brooks #37-H4S)	145.56	10.73
33 14 23 00-0098	EA	17" x 30", Precast Service Meter Box With Concrete Cover, Exposed To Traffic (Brooks 66-1 PC)	335.60	80.50
33 14 23 00-0099	EA	17" x 30", Precast Service Meter Box With Concrete Cover With Cast Iron Reading Lid, Exposed To Traffic (Brooks 66-S)	295.85	13.42
33 14 23 00-0100		**Polyethylene Above Ground Enclosure** *(33 14 23)*		
33 14 23 00-0101	EA	14" x 24" Polyethylene Above Ground Enclosure For 2" Air/Vacuum Valve	833.84	89.89
33 14 23 00-0102	EA	18" x 30" Polyethylene Above Ground Enclosure For 4" Air/Vacuum Valve	974.18	119.86
33 14 23 00-0103	EA	24" x 36" Polyethylene Above Ground Enclosure For 6" To 8" Air/Vacuum Valve	1,176.85	143.82
33 14 23 00-0104		**Service Meter Boxes (Armorcast)** *(33 14 23)* Note: Water meter boxes shall be polymer, rectangular in shape, with rounded corners and beveled edges throughout with a slot provided in the bottom of each end of the box for the water service pipe and the house lateral. Boxes shall have a polymer cover with AMR slot. Meter boxes are likely to be subjected to traffic loads, traffic rated boxes and covers shall have AASHTO load Traffic ratings of 20K.		
33 14 23 00-0105	EA	13" x 24" x 12" Polymer Concrete Meter Box (ARMORCAST - #A6001946PCX12)	337.33	
33 14 23 00-0106	EA	17" x 30" x 12" Polymer Concrete Meter Box (ARMORCAST - #A6001640PCX12)	366.57	
33 14 23 00-0107	EA	13" x 24" Polymer Concrete Meter Box Cover With AMR Slot And Hinged Reading Lid (ARMORCAST - #A6001866R-H9)	156.28	
33 14 23 00-0108	EA	13" x 24" Polymer Concrete Meter Box Cover With Hinged Reading Lid (ARMORCAST - #A6001866R)	162.42	
33 14 23 00-0109	EA	17" x 30" Polymer Concrete Meter Box Cover With AMR Slot And Hinged Reading Lid (ARMORCAST - #A6001643R-H9)	207.78	
33 14 23 00-0110	EA	17" x 30" Polymer Concrete Meter Box Cover With Hinged Reading Lid (ARMORCAST - #A6001643R)	214.82	
33 14 23 00-0111	EA	12" x 20" Polymer Concrete Meter Box Cover With Hinged Reading Lid (ARMORCAST - #A6000484R)	108.06	
33 14 23 00-0112	EA	12" x 20" Polymer Concrete Meter Box Cover Only With No Hinged Reading Lid (ARMORCAST - #A6000482)	63.28	

33 16 Water Utility Storage Tanks *(33 10)*

33 16 23 Ground-Level Steel Water Storage Tanks *(33 16)*

See CSI section 23 13 23 16-0000 for aboveground steel storage tanks.

33 19 Water Utility Metering Equipment *(33 10)*

33 19 13 Positive Displacement Water Meters *(33 19)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 19 13 23 Nutating Disc Water Meters *(33 19 13)*

33 19 13 23-0001 Bronze Disk Type Water Service Meters *(33 19 13 23)*

33 19 13 23-0002	EA	5/8" Diameter, 0 To 20 GPM, Screwed, Disk Type, Bronze Water Supply Meter	313.01	56.39
33 19 13 23-0003	EA	3/4" Diameter, 0 To 30 GPM, Screwed, Disk Type, Bronze Water Supply Meter	393.93	67.24
33 19 13 23-0004	EA	1" Diameter, 0 To 50 GPM, Screwed, Disk Type, Bronze Water Supply Meter	530.70	77.00
33 19 13 23-0005	EA	1-1/2" Diameter, 0 To 100 GPM, Screwed, Disk Type, Bronze Water Supply Meter	1,036.94	114.96
33 19 13 23-0006	EA	2" Diameter, 0 To 160 GPM, Screwed, Disk Type, Bronze Water Supply Meter	1,405.71	149.67

33 19 13 23-0007 Magnetic Driven, Positive Displacement Type Water Service Meters *(33 19 13 23)*

33 19 13 23-0008	EA	5/8" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max. (Neptune T10 E-Coder/R900i)	553.13	56.39
		For Owner Furnished Material, Deduct	*-496.05*	
33 19 13 23-0009	EA	3/4" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	630.49	67.24
		For Owner Furnished Material, Deduct	*-562.70*	
33 19 13 23-0010	EA	1" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	940.87	77.00
		For Owner Furnished Material, Deduct	*-863.40*	
33 19 13 23-0011	EA	1-1/2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	1,593.70	114.96
		For Owner Furnished Material, Deduct	*-1,478.32*	
33 19 13 23-0012	EA	2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	1,972.35	149.67
		For Owner Furnished Material, Deduct	*-1,821.72*	
33 19 13 23-0013	EA	Electronic Transmitter	449.87	27.12
		Note: For use with transmitting meter valve.		
		For Owner Furnished Material, Deduct	*-422.75*	

33 19 16 Velocity-Type Water Meters *(33 19)*

33 19 16 13 Single-Jet Water Meters *(33 19 16)*

33 19 16 13-0001 Small/Large Spectrum Water Service Meter *(33 19 16 13)*

Note: Metron-Farnier.

33 19 16 13-0002	EA	1-1/2" Diameter, 0 - 100 GPM, Flanged, Spectrum Water Meter	1,746.30	113.88
		Note: Metron-Farnier #Spectrum 50.		
33 19 16 13-0003	EA	2" Diameter, 0 - 125 GPM, Flanged, Spectrum Water Meter	2,504.19	144.58
		Note: Metron-Farnier #Spectrum 88.		
33 19 16 13-0004	EA	2" Diameter, 0 - 185 GPM, Flanged, Spectrum Water Meter	3,026.85	144.58
		Note: Metron-Farnier #Spectrum 130.		
33 19 16 13-0005	EA	3" Diameter, 0 - 320 GPM, Flanged, Spectrum Water Meter	4,055.05	169.80
		Note: Metron-Farnier #Spectrum 175.		
33 19 16 13-0006	EA	3" Diameter, 0 - 520 GPM, Flanged, Spectrum Water Meter	4,214.22	169.80
		Note: Metron-Farnier #Spectrum 260.		
33 19 16 13-0007	EA	4" Diameter, 0 - 520 GPM, Flanged, Spectrum Water Meter	5,878.26	265.68
		Note: Metron-Farnier #Spectrum 260.		
33 19 16 13-0008	EA	4" Diameter, 0 - 750 GPM, Flanged, Spectrum Water Meter	9,715.02	265.68
		Note: Metron-Farnier #Spectrum 440.		
33 19 16 13-0009	EA	6" Diameter, 0 - 750 GPM, Flanged, Spectrum Water Meter	12,186.69	359.56
		Note: Metron-Farnier #Spectrum 440.		
33 19 16 13-0010	EA	8" Diameter, 0 - 750 GPM, Flanged, Spectrum Water Meter	15,146.26	459.44
		Note: Metron-Farnier #Spectrum 440.		

33 19 16 23 Turbine Water Meters *(33 19 16)*

33 19 16 23-0001 Flanged Turbine Water Service Meter *(33 19 16 23)*

33 19 16 23-0002 Vertical Turbine Meters *(33 19 16 23-0001)*

33 19 16 23-0003	EA	1-1/2" Diameter, 0 - 100 GPM Vertical Turbine Meter, Flanged	737.92	104.87
33 19 16 23-0004	EA	2" Diameter, 0 - 160 GPM Vertical Turbine Meter, Flanged	1,030.99	133.14
33 19 16 23-0005	EA	3" Diameter, 0 - 350 GPM Vertical Turbine Meter, Flanged	1,954.54	169.80
33 19 16 23-0006	EA	4" Diameter, 0 - 650 GPM Vertical Turbine Meter, Flanged	2,924.68	265.68
33 19 16 23-0007	EA	6" Diameter, 0 - 1,300 GPM Vertical Turbine Meter, Flanged	5,424.28	359.56

33 19 16 23-0008 Horizontal Turbine Meters *(33 19 16 23-0001)*

33 19 16 23-0009	EA	1-1/2" Diameter, 0 - 120 GPM Horizontal Turbine Meter, Flanged	1,142.26	104.87
33 19 16 23-0010	EA	2" Diameter, 0 - 160 GPM Horizontal Turbine Meter, Flanged	1,608.23	133.14
33 19 16 23-0011	EA	3" Diameter, 0 - 600 GPM Horizontal Turbine Meter, Flanged	2,185.97	169.80
33 19 16 23-0012	EA	4" Diameter, 0 - 1,000 GPM Horizontal Turbine Meter, Flanged	3,230.60	265.68
33 19 16 23-0013	EA	6" Diameter, 0 - 2,000 GPM Horizontal Turbine Meter, Flanged	6,538.86	359.56
33 19 16 23-0014	EA	8" Diameter, 0 - 3,500 GPM Horizontal Turbine Meter, Flanged	8,725.46	459.44
33 19 16 23-0015	EA	10" Diameter, 0 - 5,500 GPM Horizontal Turbine Meter, Flanged	12,129.15	559.32
33 19 16 23-0016	EA	12" Diameter, 0 - 6,600 GPM Horizontal Turbine Meter, Flanged	14,778.62	881.93

33 19 19 Compound Water Meters *(33 19)*

33 19 19 00-0001 Flanged Compound Type Water Service Meter *(33 19 19)*

33 19 19 00-0002	EA	2" Diameter, 0 To 160 GPM, Flanged And Bronze, Compound Type Water Service Meter	2,994.15	133.14
33 19 19 00-0003	EA	3" Diameter, 0 To 320 GPM, Flanged And Bronze, Compound Type Water Service Meter	3,704.88	169.80
33 19 19 00-0004	EA	4" Diameter, 0 To 500 GPM, Flanged And Bronze, Compound Type Water Service Meter	6,114.14	265.68
33 19 19 00-0005	EA	6" Diameter, 0 To 1,000 GPM, Flanged And Bronze, Compound Type Water Service Meter	8,544.58	359.56
33 19 19 00-0006	EA	8" Diameter, 0 To 1,600 GPM, Flanged And Bronze, Compound Type Water Service Meter	17,368.12	459.44

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 19 19 00-0007	EA	10" Diameter, 0 To 2,500 GPM, Flanged And Bronze, Compound Type Water Service Meter	29,595.37	559.32

33 19 23 Magnetic Water Meters *(33 19)*

33 19 23 00-0001 Flanged Electromagnetic Flow (EMF) Water Meter *(33 19 23)*

33 19 23 00-0002	EA	2" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	8,346.54	133.14
33 19 23 00-0003	EA	3" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	11,754.93	169.80
33 19 23 00-0004	EA	4" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	13,483.08	265.68

33 19 26 Ultrasonic Water Meters *(33 19)*

33 19 26 00-0001 Ultrasonic Water Service Meters (Mastermeter Octive) *(33 19 26)*

33 19 26 00-0002	EA	3" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	4,195.66	169.80
33 19 26 00-0003	EA	4" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	4,824.36	265.68
33 19 26 00-0004	EA	6" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	7,104.24	359.56
33 19 26 00-0005	EA	8" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	10,243.16	459.44

33 30 Sanitary Sewerage Utilities *(33)*

33 31 Sanitary Sewerage Piping *(33 30)*

33 31 11 Public Sanitary Sewerage Gravity Piping *(33 31)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 31 11 00-0001 Plastic Sewer And Drain Piping *(33 31 11)*

33 31 11 00-0002 Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe *(33 31 11 00-0001)*

33 31 11 00-0003	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	10.13	4.15
33 31 11 00-0004	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	12.30	4.89
33 31 11 00-0005	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	17.02	5.92
33 31 11 00-0006	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	21.27	6.91
33 31 11 00-0007	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	29.08	8.03
33 31 11 00-0008	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	38.97	9.34
33 31 11 00-0009	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	53.19	9.67
33 31 11 00-0010	LF	12" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	69.82	10.01

33 31 11 00-0011 Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe *(33 31 11 00-0001)*

Note: D-2729 PVC pipe.

33 31 11 00-0012	LF	3" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	14.00	5.92
33 31 11 00-0013	LF	4" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	16.51	6.91
33 31 11 00-0014	LF	6" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	21.38	8.03

33 31 11 00-0015 Polyvinyl Chloride (PVC) Sewer And Drain Fittings *(33 31 11 00-0001)*

33 31 11 00-0016 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*

33 31 11 00-0017	EA	1-1/2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	26.21	13.34
33 31 11 00-0018	EA	2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	33.69	17.25
33 31 11 00-0019	EA	3" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	59.25	23.16
33 31 11 00-0020	EA	4" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	91.99	26.77
33 31 11 00-0021	EA	6" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	367.91	34.80
33 31 11 00-0022	EA	8" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	610.94	46.83
33 31 11 00-0023	EA	10" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	806.51	62.36

33 31 11 00-0024 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*

33 31 11 00-0025	EA	1-1/2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	27.64	13.34
33 31 11 00-0026	EA	2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	33.57	17.25
33 31 11 00-0027	EA	3" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	57.10	23.16
33 31 11 00-0028	EA	4" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	81.49	26.77
33 31 11 00-0029	EA	6" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	341.20	34.80
33 31 11 00-0030	EA	8" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	548.84	46.83
33 31 11 00-0031	EA	10" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	623.86	62.36
33 31 11 00-0032	EA	12" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	927.44	83.06

33 31 11 00-0033 Long Sweep 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*

33 31 11 00-0034	EA	1-1/2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	43.62	13.14
33 31 11 00-0035	EA	2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	43.71	17.25
33 31 11 00-0036	EA	3" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	85.01	23.16
33 31 11 00-0037	EA	4" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	139.22	26.77
33 31 11 00-0038	EA	6" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	276.69	34.80
33 31 11 00-0039	EA	8" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	491.05	46.83
33 31 11 00-0040	EA	10" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	804.36	62.36
33 31 11 00-0041	EA	12" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	1,219.55	83.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0042		**1/16 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0043	EA	1-1/2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	30.70	13.34
33 31 11 00-0044	EA	2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	36.67	17.25
33 31 11 00-0045	EA	3" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	66.02	23.16
33 31 11 00-0046	EA	4" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	98.05	26.77
33 31 11 00-0047	EA	6" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	456.79	34.80
33 31 11 00-0048	EA	8" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	740.31	46.83
33 31 11 00-0049	EA	10" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	835.97	62.36
33 31 11 00-0050	EA	12" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	856.74	83.06
33 31 11 00-0051		**Reducers, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0052	EA	2" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	35.27	15.22
33 31 11 00-0053	EA	3" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	66.87	18.17
33 31 11 00-0054	EA	3" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	63.23	20.04
33 31 11 00-0055	EA	4" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	98.48	21.90
33 31 11 00-0056	EA	4" x 3" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	105.88	24.84
33 31 11 00-0057	EA	6" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	324.42	30.75
33 31 11 00-0058	EA	8" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	689.37	40.77
33 31 11 00-0059	EA	10" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	178.99	44.52
33 31 11 00-0060	EA	10" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	247.86	48.56
33 31 11 00-0061	EA	10" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	231.98	54.54
33 31 11 00-0062	EA	12" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	716.79	58.95
33 31 11 00-0063	EA	12" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	757.13	64.92
33 31 11 00-0064	EA	12" x 10" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	801.82	72.71
33 31 11 00-0065		**Sanitary Tees, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0066	EA	1-1/2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	41.29	20.15
33 31 11 00-0067	EA	2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	54.89	26.07
33 31 11 00-0068	EA	3" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	93.85	34.39
33 31 11 00-0069	EA	4" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	144.52	42.71
33 31 11 00-0070	EA	6" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	538.44	46.83
33 31 11 00-0071	EA	8" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	698.91	62.36
33 31 11 00-0072		**Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0073	EA	1-1/2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	52.38	20.15
33 31 11 00-0074	EA	2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	61.34	26.07
33 31 11 00-0075	EA	3" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	102.08	34.39
33 31 11 00-0076	EA	4" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	158.01	42.71
33 31 11 00-0077	EA	6" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	487.87	46.83
33 31 11 00-0078	EA	8" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	602.85	62.36
33 31 11 00-0079	EA	10" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	793.03	83.22
33 31 11 00-0080	EA	12" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	1,251.96	111.06
33 31 11 00-0081		**Reducing Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0082	EA	2" x 1-1/2" x 1-1/2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	69.80	20.15
33 31 11 00-0083	EA	2" x 2" x 1" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	78.28	26.07
33 31 11 00-0084	EA	3" x 3" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	90.63	34.39
33 31 11 00-0085	EA	4" x 4" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	139.52	42.71
33 31 11 00-0086	EA	4" x 4" x 3" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	152.16	42.71
33 31 11 00-0087		**Double Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0088	EA	1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	86.27	26.07
33 31 11 00-0089	EA	2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	112.33	34.39
33 31 11 00-0090	EA	3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	226.42	46.42
33 31 11 00-0091	EA	4" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	402.19	56.15
33 31 11 00-0092	EA	2" x 2" x 1-1/2" x 1-1/2 Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	107.09	34.39
33 31 11 00-0093	EA	3" x 3" x 2" x 2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	186.35	46.42
33 31 11 00-0094	EA	4" x 4" x 3" x 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	336.00	56.15
33 31 11 00-0095		**Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0096	EA	1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	66.22	20.15
33 31 11 00-0097	EA	2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	82.93	26.07
33 31 11 00-0098	EA	3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	166.95	34.39
33 31 11 00-0099	EA	4" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	303.51	42.71
33 31 11 00-0100	EA	2" x 2" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	129.92	26.07
33 31 11 00-0101	EA	3" x 3" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	209.51	34.39
33 31 11 00-0102	EA	3" x 3" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	150.31	34.39
33 31 11 00-0103	EA	4" x 4" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	283.55	42.71
33 31 11 00-0104	EA	4" x 4" x 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	301.80	42.71

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0105		Double Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
33 31 11 00-0106	EA	1-1/2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	97.00	26.07
33 31 11 00-0107	EA	2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	113.53	34.39
33 31 11 00-0108	EA	3" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	177.16	46.42
33 31 11 00-0109	EA	4" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	650.97	56.15
33 31 11 00-0110	EA	6" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	2,150.78	62.16
33 31 11 00-0111		Cleanout Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
33 31 11 00-0112	EA	4" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	514.26	108.96
33 31 11 00-0113	EA	6" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	1,230.16	140.58
33 31 11 00-0114	EA	8" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	1,566.33	198.10
33 31 11 00-0115	EA	10" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	2,161.33	318.66
33 31 11 00-0116		Couplings, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
33 31 11 00-0117	EA	1-1/2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	25.47	13.34
33 31 11 00-0118	EA	2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	31.74	17.15
33 31 11 00-0119	EA	3" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	50.04	22.96
33 31 11 00-0120	EA	4" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	65.66	26.77
33 31 11 00-0121	EA	6" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	193.22	34.80
33 31 11 00-0122	EA	8" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	477.47	46.83
33 31 11 00-0123	EA	10" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	724.71	62.36
33 31 11 00-0124	EA	12" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	1,199.82	83.06
33 31 11 00-0125		Adapters, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
33 31 11 00-0126	EA	4" Male, Plastic Pipe x Malleable Iron Pipe Adapter, Drain And Sewer Fitting	124.08	70.12
33 31 11 00-0127	EA	2" x 3" x 3" Downspout Adapter, Drain And Sewer Fitting	86.36	53.34
33 31 11 00-0128	EA	2" x 3" x 4" Downspout Adapter, Drain And Sewer Fitting	89.12	53.34
33 31 11 00-0129	EA	3" x 4" x 4" Downspout Adapter, Drain And Sewer Fitting	96.46	53.34
33 31 11 00-0130	EA	4" Hub, Cast Iron Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	126.09	70.12
33 31 11 00-0131	EA	4" Spigot, Clay Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	120.22	70.12
33 31 11 00-0132	EA	4" Spigot, Fiberglass Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	110.58	70.12
33 31 11 00-0133	EA	4" Drain Grate, Drain And Sewer Fitting	61.24	36.05
33 31 11 00-0134		Caps, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
33 31 11 00-0135	EA	3" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	38.34	14.34
33 31 11 00-0136	EA	4" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	64.89	17.85
33 31 11 00-0137	EA	6" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	125.80	23.06
33 31 11 00-0138		Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
33 31 11 00-0139	EA	1-1/2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	23.36	13.34
33 31 11 00-0140	EA	2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	30.43	17.25
33 31 11 00-0141	EA	3" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	45.70	23.16
33 31 11 00-0142	EA	4" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	61.07	26.77
33 31 11 00-0143	EA	6" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	107.57	34.80
33 31 11 00-0144	EA	8" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	426.54	46.83
33 31 11 00-0145		Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe *(33 31 11 00-0001)* Note: ASTM 3034.		
33 31 11 00-0146	LF	4" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	16.87	6.91
33 31 11 00-0147	LF	6" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	21.91	8.03
33 31 11 00-0148	LF	8" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	28.62	9.34
33 31 11 00-0149	LF	10" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	34.26	9.67
33 31 11 00-0150	LF	12" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	41.02	10.01
33 31 11 00-0151	LF	15" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	52.23	10.36
33 31 11 00-0152	LF	18" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	65.05	10.74
33 31 11 00-0153	LF	21" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	83.39	11.66
33 31 11 00-0154	LF	24" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	100.40	12.59
33 31 11 00-0155	LF	27" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	124.43	14.76
33 31 11 00-0156		Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe *(33 31 11 00-0001)* Note: ASTM 3034.		
33 31 11 00-0157	LF	4" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	18.87	6.91
33 31 11 00-0158	LF	6" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	26.20	8.03
33 31 11 00-0159	LF	8" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	36.40	9.34
33 31 11 00-0160		Gasketed SDR 35 Polyvinyl Chloride (PVC) Fittings *(33 31 11 00-0001)* Note: ASTM 3034.		
33 31 11 00-0161		1/4 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC) *(33 31 11 00-0160)*		
33 31 11 00-0162	EA	4" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	84.14	24.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0163	EA	6" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	126.61	29.01
33 31 11 00-0164	EA	8" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	271.57	32.87
33 31 11 00-0165	EA	10" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	792.54	38.67
33 31 11 00-0166	EA	12" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,024.31	49.31
33 31 11 00-0167		**1/8 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0168	EA	4" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	75.39	24.95
33 31 11 00-0169	EA	6" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	116.96	29.01
33 31 11 00-0170	EA	8" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	247.18	32.87
33 31 11 00-0171	EA	10" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	562.96	38.67
33 31 11 00-0172	EA	12" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	806.02	49.31
33 31 11 00-0173	EA	15" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,736.84	69.61
33 31 11 00-0174	EA	18" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,758.59	98.62
33 31 11 00-0175	EA	21" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	4,611.09	130.52
33 31 11 00-0176	EA	24" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	6,288.28	174.02
33 31 11 00-0177		**Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0178	EA	4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	127.43	37.42
33 31 11 00-0179	EA	6" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	209.97	41.47
33 31 11 00-0180	EA	6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	236.74	43.50
33 31 11 00-0181	EA	8" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	261.98	45.53
33 31 11 00-0182	EA	8" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	301.19	47.56
33 31 11 00-0183	EA	8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	587.62	49.60
33 31 11 00-0184	EA	10" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	755.91	50.76
33 31 11 00-0185	EA	10" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	857.89	53.18
33 31 11 00-0186	EA	10" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,272.80	55.20
33 31 11 00-0187	EA	10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,662.54	58.01
33 31 11 00-0188	EA	12" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	930.29	61.78
33 31 11 00-0189	EA	12" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	988.05	63.81
33 31 11 00-0190	EA	12" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,416.39	65.84
33 31 11 00-0191	EA	12" x 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,049.85	68.64
33 31 11 00-0192	EA	12" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,310.91	73.96
33 31 11 00-0193		**Wyes, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0194	EA	4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	120.65	37.42
33 31 11 00-0195	EA	6" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	187.35	41.47
33 31 11 00-0196	EA	6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	206.37	43.50
33 31 11 00-0197	EA	8" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	252.28	45.53
33 31 11 00-0198	EA	8" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	289.63	47.56
33 31 11 00-0199	EA	8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	449.42	49.60
33 31 11 00-0200	EA	10" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	690.22	51.15
33 31 11 00-0201	EA	10" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	703.82	53.18
33 31 11 00-0202	EA	10" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,065.36	55.20
33 31 11 00-0203	EA	10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,179.65	58.01
33 31 11 00-0204	EA	12" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	875.53	61.78
33 31 11 00-0205	EA	12" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	903.00	63.81
33 31 11 00-0206	EA	12" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,299.81	65.84
33 31 11 00-0207	EA	12" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,569.02	68.64
33 31 11 00-0208	EA	12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,637.65	73.96
33 31 11 00-0209	EA	15" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,018.80	88.95
33 31 11 00-0210	EA	15" x 12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,240.89	94.27
33 31 11 00-0211	EA	15" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,805.19	104.41
33 31 11 00-0212		**Couplings, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0213	EA	4" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	83.36	24.95
33 31 11 00-0214	EA	6" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	131.76	29.01
33 31 11 00-0215	EA	8" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	196.79	33.06
33 31 11 00-0216	EA	10" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	378.93	38.67
33 31 11 00-0217	EA	12" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	539.10	49.31
33 31 11 00-0218	EA	15" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,061.35	69.61
33 31 11 00-0219	EA	18" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,004.60	98.62
33 31 11 00-0220	EA	21" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	3,353.73	130.52
33 31 11 00-0221	EA	24" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	4,858.81	174.02
33 31 11 00-0222		**Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0223	EA	6" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	164.87	26.98
33 31 11 00-0224	EA	8" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	238.72	29.01
33 31 11 00-0225	EA	8" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	251.62	31.03
33 31 11 00-0226	EA	10" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	576.10	33.84
33 31 11 00-0227	EA	10" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	662.89	35.87
33 31 11 00-0228	EA	12" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	740.91	39.15
33 31 11 00-0229	EA	12" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	851.32	41.18
33 31 11 00-0230	EA	12" x 10" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	976.97	43.99
33 31 11 00-0231	EA	15" x 12" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,472.64	59.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0232		**Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0233	EA	6" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	134.70	
33 31 11 00-0234	EA	8" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	178.83	
33 31 11 00-0235	EA	8" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	183.02	
33 31 11 00-0236	EA	10" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	307.27	
33 31 11 00-0237	EA	10" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	324.81	
33 31 11 00-0238	EA	10" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	626.48	
33 31 11 00-0239	EA	12" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	349.22	
33 31 11 00-0240	EA	12" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	382.09	
33 31 11 00-0241	EA	12" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	869.15	
33 31 11 00-0242	EA	12" x 10" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	1,027.43	
33 31 11 00-0243	EA	15" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	397.41	
33 31 11 00-0244	EA	15" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	426.10	
33 31 11 00-0245		**Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0246	EA	6" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	144.52	
33 31 11 00-0247	EA	8" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	178.83	
33 31 11 00-0248	EA	8" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	196.39	
33 31 11 00-0249	EA	10" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	281.26	
33 31 11 00-0250	EA	10" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	322.70	
33 31 11 00-0251	EA	10" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	495.55	
33 31 11 00-0252	EA	12" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	347.13	
33 31 11 00-0253	EA	12" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	380.11	
33 31 11 00-0254	EA	12" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	575.96	
33 31 11 00-0255	EA	12" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	703.79	
33 31 11 00-0256	EA	15" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	396.12	
33 31 11 00-0257	EA	15" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	416.38	
33 31 11 00-0258	EA	15" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	705.97	
33 31 11 00-0259	EA	15" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	783.11	
33 31 11 00-0260	EA	15" x 12" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	1,114.64	
33 31 11 00-0261		**Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe and Fittings** *(33 31 11 00-0001)* Note: ASTM F949.		
33 31 11 00-0262		**Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe** *(33 31 11 00-0261)*		
33 31 11 00-0263	LF	4" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	17.33	6.91
33 31 11 00-0264	LF	6" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	25.05	8.03
33 31 11 00-0265	LF	8" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	32.16	9.34
33 31 11 00-0266	LF	10" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	38.75	9.67
33 31 11 00-0267	LF	12" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	41.11	10.01
33 31 11 00-0268	LF	15" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	49.01	10.36
33 31 11 00-0269	LF	18" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	63.67	10.74
33 31 11 00-0270	LF	21" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	74.70	11.66
33 31 11 00-0271	LF	24" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	92.38	12.59
33 31 11 00-0272	LF	30" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe	133.16	16.94
33 31 11 00-0273		**1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)** *(33 31 11 00-0261)*		
33 31 11 00-0274	EA	4" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	73.50	
33 31 11 00-0275	EA	6" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	101.12	
33 31 11 00-0276	EA	8" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	141.65	
33 31 11 00-0277	EA	10" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	244.79	
33 31 11 00-0278	EA	12" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	262.23	
33 31 11 00-0279	EA	15" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	441.07	
33 31 11 00-0280	EA	18" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	702.01	
33 31 11 00-0281	EA	21" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,005.19	
33 31 11 00-0282	EA	24" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,308.28	
33 31 11 00-0283	EA	30" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,728.64	
33 31 11 00-0284		**1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)** *(33 31 11 00-0261)*		
33 31 11 00-0285	EA	4" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	68.19	
33 31 11 00-0286	EA	6" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	93.26	
33 31 11 00-0287	EA	8" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	130.21	
33 31 11 00-0288	EA	10" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	223.29	
33 31 11 00-0289	EA	12" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	239.70	
33 31 11 00-0290	EA	15" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	401.29	
33 31 11 00-0291	EA	18" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	637.15	
33 31 11 00-0292	EA	21" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	908.93	
33 31 11 00-0293	EA	24" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,180.75	
33 31 11 00-0294	EA	30" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,558.47	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0295		**1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)** *(33 31 11 00-0261)*		
33 31 11 00-0296	EA	4" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	60.23	
33 31 11 00-0297	EA	6" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	76.66	
33 31 11 00-0298	EA	8" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	121.73	
33 31 11 00-0299	EA	10" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	154.35	
33 31 11 00-0300	EA	12" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	215.80	
33 31 11 00-0301	EA	15" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	359.01	
33 31 11 00-0302	EA	18" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	525.98	
33 31 11 00-0303	EA	21" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	810.42	
33 31 11 00-0304	EA	24" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,094.86	
33 31 11 00-0305	EA	30" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,554.39	
33 31 11 00-0306		**Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)** *(33 31 11 00-0261)*		
33 31 11 00-0307	EA	4" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	114.94	
33 31 11 00-0308	EA	6" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	150.36	
33 31 11 00-0309	EA	8" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	273.66	
33 31 11 00-0310	EA	10" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	444.57	
33 31 11 00-0311	EA	12" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	746.30	
33 31 11 00-0312	EA	15" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,067.70	
33 31 11 00-0313	EA	18" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,551.93	
33 31 11 00-0314	EA	21" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,788.12	
33 31 11 00-0315	EA	24" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	2,024.24	
33 31 11 00-0316	EA	30" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	3,698.72	
33 31 11 00-0317		**Tees, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)** *(33 31 11 00-0261)*		
33 31 11 00-0318	EA	4" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	104.06	
33 31 11 00-0319	EA	6" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	135.45	
33 31 11 00-0320	EA	8" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	243.18	
33 31 11 00-0321	EA	10" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	392.46	
33 31 11 00-0322	EA	12" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	654.77	
33 31 11 00-0323	EA	15" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	935.58	
33 31 11 00-0324	EA	18" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,358.48	
33 31 11 00-0325	EA	21" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,563.76	
33 31 11 00-0326	EA	24" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,768.99	
33 31 11 00-0327	EA	30" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	3,219.15	
33 31 11 00-0328		**Cast Iron Service Saddles With U Bolt** *(33 31 11)*		
33 31 11 00-0329	EA	2" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	116.04	
33 31 11 00-0330	EA	3" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	116.67	
33 31 11 00-0331	EA	3" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	128.38	
33 31 11 00-0332	EA	4" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	124.30	
33 31 11 00-0333	EA	4" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	140.34	
33 31 11 00-0334	EA	4" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	157.97	
33 31 11 00-0335	EA	4" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	187.17	
33 31 11 00-0336	EA	6" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	158.55	
33 31 11 00-0337	EA	6" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	173.32	
33 31 11 00-0338	EA	6" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	199.88	
33 31 11 00-0339	EA	2" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt	161.80	
33 31 11 00-0340	EA	4" Diameter x 1-1/2" Tapped Wye Cast Iron Service Saddle With U Bolt	127.87	
33 31 11 00-0341	EA	4" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt	139.58	
33 31 11 00-0342	EA	4" Diameter x 3" Hub Wye Cast Iron Service Saddle With U Bolt	166.32	
33 31 11 00-0343	EA	4" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	197.42	
33 31 11 00-0344	EA	6" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	212.66	
33 31 11 00-0345		**Couplings And Plug Fittings** *(33 31 11)*		
33 31 11 00-0346		**Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings** *(33 31 11 00-0345)*		
		Note: For cast iron or plastic to cast iron to plastic pipe. Includes stainless steel clamps.		
33 31 11 00-0347	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	18.92	6.59
33 31 11 00-0348	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	20.68	7.69
33 31 11 00-0349	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	23.98	8.80
33 31 11 00-0350	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	27.24	9.35
33 31 11 00-0351	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	33.57	9.90
33 31 11 00-0352	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	39.94	11.00
33 31 11 00-0353	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	51.17	12.10
33 31 11 00-0354	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	63.52	12.64
33 31 11 00-0355	EA	12" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1212)	106.19	13.20
33 31 11 00-0356	EA	15" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1515)	145.28	14.30
33 31 11 00-0357	EA	18" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1818)	282.32	14.84
33 31 11 00-0358	EA	21" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2121)	328.31	15.68
33 31 11 00-0359	EA	24" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2424)	363.88	16.50
33 31 11 00-0360	EA	27" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2727)	436.20	17.60

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 31 11 00-0361 Manhole Inside Bowl Drop *(33 31 11)*

33 31 11 00-0362	EA	Inside Pipe Drop, 4" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A4DB)		324.18	
33 31 11 00-0363	EA	Inside Pipe Drop, 4" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A4R96)		340.07	
33 31 11 00-0364	EA	Inside Pipe Drop, 6" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A6DB)		348.48	
33 31 11 00-0365	EA	Inside Pipe Drop, 6" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A6R96)		360.58	
33 31 11 00-0366	EA	Inside Pipe Drop, 8" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A8DB)		374.59	
33 31 11 00-0367	EA	Inside Pipe Drop, 8" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A8DBR84)		402.09	
33 31 11 00-0368	EA	Inside Pipe Drop, 10" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A10DB)		418.49	
33 31 11 00-0369	EA	Inside Pipe Drop, 10" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A10R96)		432.24	
33 31 11 00-0370	EA	Inside Pipe Drop, 12" Outlet for 4' to 6' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner 24/12R60)		746.36	
33 31 11 00-0371	EA	Inside Pipe Drop, 12" Outlet for 7' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner 24/12R96)		766.98	

33 32 Sanitary Sewerage Equipment *(33 30)*

33 32 16 Packaged Wastewater Grinder Pump Assemblies *(33 32)*

33 32 16 00-0001 Submersible Grinder Pumps, Cast Iron With Bronze Impeller *(33 32 16)*

33 32 16 00-0002	EA	2 HP Submersible Grinder Pump, 200/208, 230 Volt, 1 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.		2,136.26	325.62
33 32 16 00-0003	EA	2 HP Submersible Grinder Pump, 200/208, 230, 460 Volt, 3 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.		2,105.56	325.62
33 32 16 00-0004	EA	Simplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.		1,014.13	108.50
33 32 16 00-0005	EA	Duplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.		1,584.62	108.50
33 32 16 00-0006	EA	Grinder Pump, 120 Gallon Sewage Basin, 1 HP, 120 V (Environment One 2012-74)		12,829.45	

33 32 16 00-0007 Submersible Grinder Pumps *(33 32 16)*

Note: Includes 50' of cord with pumps unless otherwise noted.

33 32 16 00-0008	EA	2 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof		3,785.15	687.47
33 32 16 00-0009	EA	3 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof		5,666.11	802.06
33 32 16 00-0010	EA	5 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof		6,936.76	1,031.20

33 34 Onsite Wastewater Disposal *(33 30)*

Note: Excludes distribution field piping, trenching or excavation.

33 34 13 Septic Tanks *(33 34)*

33 34 13 13 Concrete Septic Tanks *(33 34 13)*

33 34 13 13-0001 Precast Concrete Septic Tank *(33 34 13 13)*

Note: Includes external coating.

33 34 13 13-0002	EA	1,000 Gallon Precast Septic Tank		3,956.70	687.47
		For Non-Traffic Rated, Deduct		*-778.11*	
33 34 13 13-0003	EA	1,250 Gallon Precast Septic Tank		4,764.06	758.86
		For Non-Traffic Rated, Deduct		*-958.10*	
33 34 13 13-0004	EA	1,500 Gallon Precast Septic Tank		5,539.91	830.13
		For Non-Traffic Rated, Deduct		*-1,130.18*	
33 34 13 13-0005	EA	2,000 Gallon Precast Septic Tank		7,132.86	902.31
		For Non-Traffic Rated, Deduct		*-1,507.06*	
33 34 13 13-0006	EA	2,500 Gallon Precast Septic Tank		8,476.70	1,246.05
		For Non-Traffic Rated, Deduct		*-1,738.04*	
33 34 13 13-0007	EA	4,000 Gallon Precast Septic Tank		22,750.30	1,718.69
		For Non-Traffic Rated, Deduct		*-5,160.51*	
33 34 13 13-0008	EA	5,000 Gallon Precast Septic Tank		41,442.13	2,578.02
		For Non-Traffic Rated, Deduct		*-9,572.19*	
33 34 13 13-0009	EA	7,500 Gallon Precast Septic Tank		46,374.73	3,609.23
		For Non-Traffic Rated, Deduct		*-10,495.63*	
33 34 13 13-0010	EA	10,000 Gallon Precast Septic Tank		56,876.95	4,318.25
		For Non-Traffic Rated, Deduct		*-12,901.58*	
33 34 13 13-0011	EA	12,500 Gallon Precast Septic Tank		67,173.40	5,349.45
		For Non-Traffic Rated, Deduct		*-15,146.28*	

33 34 13 23 Fiberglass Septic Tank *(33 34 13)*

33 34 13 23-0001 Fiberglass Septic Tank *(33 34 13 23)*

33 34 13 23-0002	EA	1,000 Gallon Fiberglass Septic Tank		4,280.86	515.60
33 34 13 23-0003	EA	1,250 Gallon Fiberglass Septic Tank		5,036.82	687.47
33 34 13 23-0004	EA	1,500 Gallon Fiberglass Septic Tank		5,806.72	623.08
33 34 13 23-0005	EA	2,000 Gallon Fiberglass Septic Tank		9,727.98	674.52
33 34 13 23-0006	EA	2,500 Gallon Fiberglass Septic Tank		12,208.66	934.97
33 34 13 23-0007	EA	4,000 Gallon Fiberglass Septic Tank		19,369.48	1,289.01
33 34 13 23-0008	EA	5,000 Gallon Fiberglass Septic Tank		28,746.86	1,933.52
33 34 13 23-0009	EA	7,500 Gallon Fiberglass Septic Tank		39,465.55	2,706.93
33 34 13 23-0010	EA	10,000 Gallon Fiberglass Septic Tank		48,432.97	3,235.36

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 34 13 33 Polyethylene Septic Tank *(33 34 13)*

33 34 13 33-0001 High Density Polyethylene (HDPE) Septic Tank *(33 34 13 33)*

33 34 13 33-0002	EA	300 Gallon One Compartment One Manhole High Density Polyethylene (HDPE) Septic Tank	1,223.69	199.76
33 34 13 33-0003	EA	500 Gallon One Compartment One Manhole High Density Polyethylene (HDPE) Septic Tank	1,905.75	224.73
33 34 13 33-0004	EA	900 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	2,659.63	274.67
33 34 13 33-0005	EA	1,000 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	2,726.59	299.64
33 34 13 33-0006	EA	1,250 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	3,165.52	324.61
33 34 13 33-0007	EA	1,500 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	3,808.68	349.57
33 34 13 33-0008	EA	750 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	2,685.06	249.70
33 34 13 33-0009	EA	1,000 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	2,921.09	299.64
33 34 13 33-0010	EA	1,250 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	3,442.68	324.61
33 34 13 33-0011	EA	1,500 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	4,051.80	349.57

33 34 51 Drainage Field System *(33 34)*

33 34 51 00-0001 Leaching Pit - Precast Concrete *(33 34 51)*

Note: Includes external coating.

33 34 51 00-0002	EA	3' Diameter, 3' High, Precast Concrete Leaching Pit	908.38	100.83
33 34 51 00-0003	EA	4' Diameter, 3' High, Precast Concrete Leaching Pit	1,279.88	143.22
33 34 51 00-0004	EA	6' Diameter, 3' High, Precast Concrete Leaching Pit	1,704.83	171.87
33 34 51 00-0005	EA	8' Diameter, 4' High, Precast Concrete Leaching Pit	2,774.04	286.44
33 34 51 00-0006	EA	10' Diameter, 4' High, Precast Concrete Leaching Pit	4,052.01	401.03

33 34 53 Distribution Chambers *(33 34)*

33 34 53 13 Drainage Field Concrete Distribution Chambers *(33 34 53)*

33 34 53 13-0001 Concrete Distribution Boxes *(33 34 53 13)*

Note: Includes internal and external coating.

33 34 53 13-0002	EA	3 Outlet Concrete Distribution Box	339.58	71.33
33 34 53 13-0003	EA	5 Outlet Concrete Distribution Box	394.86	85.60
33 34 53 13-0004	EA	8 Outlet Concrete Distribution Box	698.12	99.85
33 34 53 13-0005	EA	12 Outlet Concrete Distribution Box	1,382.93	171.19

33 34 53 13-0006 Leaching Field Chambers - Precast Concrete *(33 34 53 13)*

33 34 53 13-0007	EA	Standard Leaching Field Chamber 13' x 3'-7" x 1'-4"	1,090.60	93.65
33 34 53 13-0008	EA	Heavy Duty Leaching Field Chamber 13' x 3'-9" x 1'-6"	1,334.45	127.70

33 34 56 Drainage Field Dosing Chambers *(33 34)*

33 34 56 00-0001 Dosing Siphon *(33 34 56)*

33 34 56 00-0002	EA	Dosing Siphon With Electrical Connection And Solenoid Valve	5,704.22	
33 34 56 00-0003	EA	Solar Power Control For Dosing Siphon	3,930.74	
33 34 56 00-0004	EA	Electrical Power Control For Dosing Siphon	3,777.14	

33 40 Stormwater Utilities *(33)*

33 41 Subdrainage *(33 40)*

33 41 16 Subdrainage Piping *(33 41)*

33 41 16 13 Subdrainage Piping *(33 41 16)*

See CSI section 33 42 11 00-0241 for polyethylene drain pipe.

33 41 16 13-0001 Corrugated High Density Polyethylene (HDPE) Drainage Piping *(33 41 16 13)*

33 41 16 13-0002 Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 41 16 13-0001)*

Note: Excludes couplings and gaskets.

33 41 16 13-0003 Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 41 16 13-0002)*

33 41 16 13-0004	LF	4" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	6.24	5.01
		For <100, Add	*1.06*	
		For >1,000, Deduct	*-0.56*	
33 41 16 13-0005	LF	6" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	8.12	5.37
		For <100, Add	*1.21*	
		For >1,000, Deduct	*-0.67*	
33 41 16 13-0006	LF	8" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	10.50	5.64
		For <100, Add	*1.37*	
		For >1,000, Deduct	*-0.81*	
33 41 16 13-0007	LF	10" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	14.79	5.82
		For <100, Add	*1.61*	
		For >1,000, Deduct	*-1.03*	
33 41 16 13-0008	LF	12" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	17.54	6.35
		For <100, Add	*1.83*	
		For >1,000, Deduct	*-1.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0009	LF	15" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	23.47	7.17
		For <100, Add	*2.25*	
		For >1,000, Deduct	*-1.53*	
33 41 16 13-0010	LF	18" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	37.22	11.70
		For <100, Add	*3.62*	
		For >1,000, Deduct	*-2.45*	
33 41 16 13-0011	LF	24" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	52.68	12.84
		For <100, Add	*4.56*	
		For >1,000, Deduct	*-3.28*	
33 41 16 13-0012		Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 41 16 13-0002)*		
33 41 16 13-0013	LF	4" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	6.06	5.01
		For <100, Add	*1.05*	
		For >1,000, Deduct	*-0.55*	
33 41 16 13-0014	LF	6" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	8.04	5.37
		For <100, Add	*1.21*	
		For >1,000, Deduct	*-0.67*	
33 41 16 13-0015	LF	8" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	13.84	5.64
		For <100, Add	*1.54*	
		For >1,000, Deduct	*-0.97*	
33 41 16 13-0016	LF	10" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	16.55	5.82
		For <100, Add	*1.70*	
		For >1,000, Deduct	*-1.12*	
33 41 16 13-0017	LF	12" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.47	6.35
		For <100, Add	*1.93*	
		For >1,000, Deduct	*-1.29*	
33 41 16 13-0018	LF	15" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	23.26	7.17
		For <100, Add	*2.24*	
		For >1,000, Deduct	*-1.52*	
33 41 16 13-0019	LF	18" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	35.95	11.70
		For <100, Add	*3.55*	
		For >1,000, Deduct	*-2.38*	
33 41 16 13-0020	LF	24" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	50.67	12.84
		For <100, Add	*4.46*	
		For >1,000, Deduct	*-3.18*	
33 41 16 13-0021		Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings *(33 41 16 13-0001)*		
		Note: Excludes couplings and gaskets.		
33 41 16 13-0022		Tees, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 41 16 13-0021)*		
33 41 16 13-0023	EA	4" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	45.24	23.21
33 41 16 13-0024	EA	6" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	54.03	27.08
33 41 16 13-0025	EA	8" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	92.35	32.89
33 41 16 13-0026	EA	10" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	119.22	40.63
33 41 16 13-0027	EA	12" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	182.01	48.37
33 41 16 13-0028	EA	15" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	412.82	63.20
33 41 16 13-0029	EA	18" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	489.63	85.12
33 41 16 13-0030	EA	24" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	953.38	96.73
33 41 16 13-0031		Wyes, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 41 16 13-0021)*		
33 41 16 13-0032	EA	4" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	46.80	23.21
33 41 16 13-0033	EA	6" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	59.12	27.08
33 41 16 13-0034	EA	8" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	145.60	32.89
33 41 16 13-0035		45 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 41 16 13-0021)*		
33 41 16 13-0036	EA	4" 45 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	30.69	15.48
33 41 16 13-0037		90 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 41 16 13-0021)*		
33 41 16 13-0038	EA	4" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	32.33	15.48
33 41 16 13-0039	EA	6" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	42.60	18.06
33 41 16 13-0040	EA	8" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	65.36	21.93
33 41 16 13-0041	EA	10" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	86.90	27.08
33 41 16 13-0042		Perforated Polyvinyl Chloride (PVC) Drainage Piping, D2729 *(33 41 16 13)*		
		Note: Includes fittings, couplings, elbows, etc.		
33 41 16 13-0043	LF	3" Perforated Polyvinyl Chloride (PVC) Drainage Piping	8.25	3.81
		For <100, Add	*0.98*	
		For >1,000, Deduct	*-0.60*	
33 41 16 13-0044	LF	4" Perforated Polyvinyl Chloride (PVC) Drainage Piping	9.05	4.12
		For <100, Add	*1.07*	
		For >1,000, Deduct	*-0.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0045	LF	6" Perforated Polyvinyl Chloride (PVC) Drainage Piping	13.43	4.94
		For <100, Add	*1.41*	
		For >1,000, Deduct	*-0.92*	
33 41 16 13-0046	LF	8" Perforated Polyvinyl Chloride (PVC) Drainage Piping	22.02	6.17
		For <100, Add	*2.03*	
		For >1,000, Deduct	*-1.41*	
33 41 16 13-0047	LF	10" Perforated Polyvinyl Chloride (PVC) Drainage Piping	38.11	6.42
		For <100, Add	*2.87*	
		For >1,000, Deduct	*-2.23*	
33 41 16 13-0048	LF	12" Perforated Polyvinyl Chloride (PVC) Drainage Piping	49.44	7.01
		For <100, Add	*3.52*	
		For >1,000, Deduct	*-2.82*	
33 41 16 13-0049	LF	15" Perforated Polyvinyl Chloride (PVC) Drainage Piping	69.43	7.90
		For <100, Add	*4.66*	
		For >1,000, Deduct	*-3.87*	

33 41 16 13-0050 Perforated Non Reinforced Concrete Drainage Piping, C444 *(33 41 16 13)*

33 41 16 13-0051	LF	6" Perforated Non Reinforced Concrete Drainage Pipe	34.27	12.53
		For Extra Strength, Add	*1.92*	
		For >1,000, Deduct	*-1.71*	
33 41 16 13-0052	LF	8" Perforated Non Reinforced Concrete Drainage Pipe	40.08	13.93
		For Extra Strength, Add	*2.37*	
		For >1,000, Deduct	*-2.00*	
33 41 16 13-0053	LF	10" Perforated Non Reinforced Concrete Drainage Pipe	45.37	15.32
		For Extra Strength, Add	*2.76*	
		For >1,000, Deduct	*-2.27*	
33 41 16 13-0054	LF	12" Perforated Non Reinforced Concrete Drainage Pipe	53.32	16.70
		For Extra Strength, Add	*3.46*	
		For >1,000, Deduct	*-2.67*	

33 41 16 13-0055 Extra Strength Porous Non Reinforced Concrete Drainage Piping, C654 *(33 41 16 13)*

Note: Bell and spigot or tongue and groove. With seals and gaskets.

33 41 16 13-0056	LF	6" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	28.31	12.53
		For >1,000, Deduct	*-1.42*	
33 41 16 13-0057	LF	8" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	31.33	13.93
		For >1,000, Deduct	*-1.57*	
33 41 16 13-0058	LF	10" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	34.57	15.32
		For >1,000, Deduct	*-1.73*	
33 41 16 13-0059	LF	12" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	39.49	15.92
		For >1,000, Deduct	*-1.97*	
33 41 16 13-0060	LF	15" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	45.91	17.90
		For >1,000, Deduct	*-2.30*	
33 41 16 13-0061	LF	18" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	56.81	22.88
		For >1,000, Deduct	*-2.84*	
33 41 16 13-0062	LF	21" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	70.95	29.34
		For >1,000, Deduct	*-3.55*	
33 41 16 13-0063	LF	24" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	86.51	35.80
		For >1,000, Deduct	*-4.33*	

33 41 16 13-0064 Standard Strength Porous Non Reinforced Concrete Drainage Piping, C654 *(33 41 16 13)*

33 41 16 13-0065	LF	6" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	26.35	12.53
		For >1,000, Deduct	*-1.32*	
33 41 16 13-0066	LF	8" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	33.51	13.93
		For >1,000, Deduct	*-1.68*	
33 41 16 13-0067	LF	10" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	42.46	15.32
		For >1,000, Deduct	*-2.12*	
33 41 16 13-0068	LF	12" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	51.57	16.70
		For >1,000, Deduct	*-2.58*	
33 41 16 13-0069	LF	15" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	59.07	18.59
		For >1,000, Deduct	*-2.95*	
33 41 16 13-0070	LF	18" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	76.58	23.19
		For >1,000, Deduct	*-3.83*	

33 41 16 13-0071 Perforated Vitrified Clay Drainage Piping, C700 *(33 41 16 13)*

33 41 16 13-0072	LF	4" Perforated Vitrified Clay Drainage Pipe	25.82	13.93
33 41 16 13-0073	LF	6" Perforated Vitrified Clay Drainage Pipe	30.80	15.66
33 41 16 13-0074	LF	8" Perforated Vitrified Clay Drainage Pipe	35.01	15.66
33 41 16 13-0075	LF	10" Perforated Vitrified Clay Drainage Pipe	46.82	19.14
33 41 16 13-0076	LF	12" Perforated Vitrified Clay Drainage Pipe	55.53	20.89

33 41 16 13-0077 Geotextile Filter Fabric Sock *(33 41 16 13)*

33 41 16 13-0078	LF	3" Geotextile Filter Fabric Sock	0.82
33 41 16 13-0079	LF	4" Geotextile Filter Fabric Sock	1.08
33 41 16 13-0080	LF	6" Geotextile Filter Fabric Sock	1.64
33 41 16 13-0081	LF	8" Geotextile Filter Fabric Sock	2.19
33 41 16 13-0082	LF	10" Geotextile Filter Fabric Sock	3.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0083	LF	12" Geotextile Filter Fabric Sock	4.53	
33 41 16 13-0084	LF	15" Geotextile Filter Fabric Sock	5.44	
33 41 16 13-0085		Strip-Perforated, Galvanized, Corrugated Steel Pipe *(33 41 16 13)*		
		Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0086	LF	6" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	24.26	5.96
		For Full Perforated, Add	*1.23*	
33 41 16 13-0087	LF	8" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	30.72	7.23
		For Full Perforated, Add	*1.63*	
33 41 16 13-0088	LF	10" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	38.73	9.18
		For Full Perforated, Add	*2.04*	
33 41 16 13-0089	LF	12" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	43.01	10.85
		For Full Perforated, Add	*2.13*	
33 41 16 13-0090	LF	15" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	49.24	11.23
		For Full Perforated, Add	*2.68*	
33 41 16 13-0091	LF	18" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	55.62	11.65
		For Full Perforated, Add	*3.23*	
33 41 16 13-0092	LF	21" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	63.62	12.56
		For Full Perforated, Add	*3.85*	
33 41 16 13-0093		Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe *(33 41 16 13)*		
		Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0094	LF	6" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	26.24	5.96
		For Full Perforated, Add	*1.43*	
33 41 16 13-0095	LF	8" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	33.41	7.23
		For Full Perforated, Add	*1.89*	
33 41 16 13-0096	LF	10" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	42.01	9.18
		For Full Perforated, Add	*2.37*	
33 41 16 13-0097	LF	12" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	46.20	10.85
		For Full Perforated, Add	*2.45*	
33 41 16 13-0098	LF	15" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	53.18	11.23
		For Full Perforated, Add	*3.07*	
33 41 16 13-0099	LF	18" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	60.29	11.65
		For Full Perforated, Add	*3.70*	
33 41 16 13-0100	LF	21" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	69.07	12.56
		For Full Perforated, Add	*4.39*	
33 41 16 13-0101		Strip-Perforated, Corrugated Aluminum Pipe *(33 41 16 13)*		
		Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0102	LF	6" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	26.88	5.96
		For Full Perforated, Add	*1.50*	
33 41 16 13-0103	LF	8" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	34.23	7.23
		For Full Perforated, Add	*1.98*	
33 41 16 13-0104	LF	10" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	43.06	9.18
		For Full Perforated, Add	*2.47*	
33 41 16 13-0105	LF	12" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	54.07	10.85
		For Full Perforated, Add	*3.24*	
33 41 16 13-0106	LF	15" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	62.97	11.23
		For Full Perforated, Add	*4.05*	
33 41 16 13-0107	LF	18" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	72.17	11.65
		For Full Perforated, Add	*4.89*	
33 41 16 13-0108	LF	21" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	82.92	12.56
		For Full Perforated, Add	*5.78*	
33 41 16 13-0109		Prefabricated Composite Drains *(33 41 16 13)*		
33 41 16 13-0110		Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) *(33 41 16 13-0109)*		
		Note: Excludes excavation and backfill. See CSI section 31 23 16 13-0000 for excavation and backfill.		
33 41 16 13-0111	LF	12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	11.01	2.30
		For External Typar Geotextile Wrap, Add	*2.02*	
33 41 16 13-0112	EA	Coupler For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	50.07	
33 41 16 13-0113	EA	End Cap For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	50.07	
33 41 16 13-0114	EA	Side Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	96.79	
33 41 16 13-0115	EA	End Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	96.79	
33 41 16 13-0116	LF	18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	17.60	2.87
		For External Typar Geotextile Wrap, Add	*3.02*	
33 41 16 13-0117	EA	Coupler For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	74.05	
33 41 16 13-0118	EA	End Cap For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	74.05	
33 41 16 13-0119	EA	Side Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	127.10	
33 41 16 13-0120	EA	End Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	127.10	
33 41 19		**Underslab Drainage** *(33 41)*		
33 41 19 13		**Underslab Drainage Piping** *(33 41 19)*		
33 41 19 13-0001		Capillary Water Barrier Underslab Drainage *(33 41 19 13)*		
		Note: Consists of a layer of fine granular material overlying a coarse layer.		
33 41 19 13-0002	CY	2" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	84.29	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 19 13-0003	CY	4" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	81.62	
33 41 19 13-0004	CY	6" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	80.57	
33 41 19 13-0005	CY	8" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	78.97	

33 42 Stormwater Conveyance *(33 40)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 42 11 Stormwater Gravity Piping *(33 42)*

33 42 11 00-0001 Reinforced Concrete Piping *(33 42 11)*

33 42 11 00-0002 Class 3 Reinforced Concrete Pipe Without Gaskets *(33 42 11 00-0001)*

33 42 11 00-0003	LF	12" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	51.37	16.70
		For >1,000, Deduct	*-2.57*	
		For Class 4, Add	*2.61*	
		For Class 5, Add	*5.50*	
33 42 11 00-0004	LF	15" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	61.76	18.59
		For >1,000, Deduct	*-3.09*	
		For Class 4, Add	*3.34*	
		For Class 5, Add	*7.04*	
33 42 11 00-0005	LF	18" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	70.16	23.19
		For >1,000, Deduct	*-3.51*	
		For Class 4, Add	*3.52*	
		For Class 5, Add	*7.41*	
33 42 11 00-0006	LF	21" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	89.90	29.24
		For >1,000, Deduct	*-4.50*	
		For Class 4, Add	*4.57*	
		For Class 5, Add	*9.63*	
33 42 11 00-0007	LF	24" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	105.18	35.51
		For >1,000, Deduct	*-5.26*	
		For Class 4, Add	*5.17*	
		For Class 5, Add	*10.89*	
33 42 11 00-0008	LF	27" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	133.51	45.34
		For >1,000, Deduct	*-6.68*	
		For Class 4, Add	*6.53*	
		For Class 5, Add	*13.75*	
33 42 11 00-0009	LF	30" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	142.03	46.82
		For >1,000, Deduct	*-7.10*	
		For Class 4, Add	*7.06*	
		For Class 5, Add	*14.87*	
33 42 11 00-0010	LF	36" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	176.08	53.20
		For >1,000, Deduct	*-8.80*	
		For Class 4, Add	*9.58*	
		For Class 5, Add	*20.17*	
33 42 11 00-0011	LF	42" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	228.69	58.53
		For >1,000, Deduct	*-11.43*	
		For Class 4, Add	*13.86*	
		For Class 5, Add	*29.18*	
33 42 11 00-0012	LF	48" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	274.09	65.18
		For >1,000, Deduct	*-13.70*	
		For Class 4, Add	*17.19*	
		For Class 5, Add	*36.19*	
33 42 11 00-0013	LF	54" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	341.40	74.49
		For >1,000, Deduct	*-17.07*	
		For Class 4, Add	*22.32*	
		For Class 5, Add	*47.00*	
33 42 11 00-0014	LF	60" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	412.43	86.41
		For >1,000, Deduct	*-20.62*	
		For Class 4, Add	*27.45*	
		For Class 5, Add	*57.80*	
33 42 11 00-0015	LF	66" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	637.58	95.77
		For >1,000, Deduct	*-31.88*	
		For Class 4, Add	*47.63*	
		For Class 5, Add	*100.27*	
33 42 11 00-0016	LF	72" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	744.18	104.29
		For >1,000, Deduct	*-37.21*	
		For Class 4, Add	*56.54*	
		For Class 5, Add	*119.04*	
33 42 11 00-0017	LF	78" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	895.30	117.06
		For >1,000, Deduct	*-44.77*	
		For Class 4, Add	*69.13*	
		For Class 5, Add	*145.54*	
33 42 11 00-0018	LF	84" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	1,154.29	130.37
		For >1,000, Deduct	*-57.71*	
		For Class 4, Add	*91.96*	
		For Class 5, Add	*193.61*	

33 42 11 00-0019 HE-I Elliptical Reinforced Concrete Piping Without Gaskets *(33 42 11 00-0001)*

33 42 11 00-0020	LF	12" x 18" Elliptical Reinforced Concrete Pipe Without Gaskets (15" Diameter Equivalent Round Size)	83.60	26.46
		For >1,000, Deduct	*-4.18*	
		For Horizontal Elliptical - II (HE- II), Add	*4.58*	
		For Horizontal Elliptical - III (HE- III), Add	*10.08*	
		For Horizontal Elliptical - IV (HE- IV), Add	*21.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0021	LF	14" x 23" Elliptical Reinforced Concrete Pipe Without Gaskets (18" Diameter Equivalent Round Size)	124.17	30.83
		For >1,000, Deduct	*-6.21*	
		For Horizontal Elliptical - II (HE- II), Add	*8.01*	
		For Horizontal Elliptical - III (HE- III), Add	*17.63*	
		For Horizontal Elliptical - IV (HE- IV), Add	*38.46*	
33 42 11 00-0022	LF	19" x 30" Elliptical Reinforced Concrete Pipe Without Gaskets (24" Diameter Equivalent Round Size)	172.30	47.22
		For >1,000, Deduct	*-8.62*	
		For Horizontal Elliptical - II (HE- II), Add	*10.48*	
		For Horizontal Elliptical - III (HE- III), Add	*23.06*	
		For Horizontal Elliptical - IV (HE- IV), Add	*50.32*	
33 42 11 00-0023	LF	22" x 34" Elliptical Reinforced Concrete Pipe Without Gaskets (27" Diameter Equivalent Round Size)	203.37	60.31
		For >1,000, Deduct	*-10.17*	
		For Horizontal Elliptical - II (HE- II), Add	*11.72*	
		For Horizontal Elliptical - III (HE- III), Add	*25.79*	
		For Horizontal Elliptical - IV (HE- IV), Add	*56.26*	
33 42 11 00-0024	LF	24" x 38" Elliptical Reinforced Concrete Pipe Without Gaskets (30" Diameter Equivalent Round Size)	215.91	63.01
		For >1,000, Deduct	*-10.80*	
		For Horizontal Elliptical - II (HE- II), Add	*12.59*	
		For Horizontal Elliptical - III (HE- III), Add	*27.70*	
		For Horizontal Elliptical - IV (HE- IV), Add	*60.43*	
33 42 11 00-0025	LF	27" x 42" Elliptical Reinforced Concrete Pipe Without Gaskets (33" Diameter Equivalent Round Size)	248.12	66.53
		For >1,000, Deduct	*-12.41*	
		For Horizontal Elliptical - II (HE- II), Add	*15.31*	
		For Horizontal Elliptical - III (HE- III), Add	*33.68*	
		For Horizontal Elliptical - IV (HE- IV), Add	*73.48*	
33 42 11 00-0026	LF	29" x 45" Elliptical Reinforced Concrete Pipe Without Gaskets (36" Diameter Equivalent Round Size)	280.35	70.05
		For >1,000, Deduct	*-14.02*	
		For Horizontal Elliptical - II (HE- II), Add	*18.03*	
		For Horizontal Elliptical - III (HE- III), Add	*39.66*	
		For Horizontal Elliptical - IV (HE- IV), Add	*86.53*	
33 42 11 00-0027	LF	34" x 53" Elliptical Reinforced Concrete Pipe Without Gaskets (42" Diameter Equivalent Round Size)	342.04	77.07
		For >1,000, Deduct	*-17.10*	
		For Horizontal Elliptical - II (HE- II), Add	*23.19*	
		For Horizontal Elliptical - III (HE- III), Add	*51.02*	
		For Horizontal Elliptical - IV (HE- IV), Add	*111.32*	
33 42 11 00-0028	LF	38" x 60" Elliptical Reinforced Concrete Pipe Without Gaskets (48" Diameter Equivalent Round Size)	412.39	86.69
		For >1,000, Deduct	*-20.62*	
		For Horizontal Elliptical - II (HE- II), Add	*28.85*	
		For Horizontal Elliptical - III (HE- III), Add	*63.48*	
		For Horizontal Elliptical - IV (HE- IV), Add	*138.50*	
33 42 11 00-0029	LF	43" x 68" Elliptical Reinforced Concrete Pipe Without Gaskets (54" Diameter Equivalent Round Size)	469.42	99.08
		For >1,000, Deduct	*-23.47*	
		For Horizontal Elliptical - II (HE- II), Add	*32.79*	
		For Horizontal Elliptical - III (HE- III), Add	*72.13*	
		For Horizontal Elliptical - IV (HE- IV), Add	*157.38*	
33 42 11 00-0030	LF	48" x 76" Elliptical Reinforced Concrete Pipe Without Gaskets (60" Diameter Equivalent Round Size)	581.70	114.93
		For >1,000, Deduct	*-29.09*	
		For Horizontal Elliptical - II (HE- II), Add	*41.75*	
		For Horizontal Elliptical - III (HE- III), Add	*91.85*	
		For Horizontal Elliptical - IV (HE- IV), Add	*200.40*	
33 42 11 00-0031	LF	53" x 83" Elliptical Reinforced Concrete Pipe without Gaskets (66" Diameter Equivalent Round Size)	664.12	126.64
33 42 11 00-0032	LF	58" x 91" Elliptical Reinforced Concrete Pipe without Gaskets (72" Diameter Equivalent Round Size)	806.06	138.34
33 42 11 00-0033	LF	63" x 98" Elliptical Reinforced Concrete Pipe without Gaskets (78" Diameter Equivalent Round Size)	963.33	156.44
33 42 11 00-0034	LF	68" x 106" Elliptical Reinforced Concrete Pipe without Gaskets (84" Diameter Equivalent Round Size)	1,042.65	173.46
33 42 11 00-0035	LF	72" x 113" Elliptical Reinforced Concrete Pipe without Gaskets (90" Diameter Equivalent Round Size)	1,337.18	181.97
33 42 11 00-0036	LF	77" x 121" Elliptical Reinforced Concrete Pipe without Gaskets (96" Diameter Equivalent Round Size)	1,550.64	190.49
33 42 11 00-0037		**Concrete Reducing Wye Without Gaskets** *(33 42 11 00-0001)*		
33 42 11 00-0038	EA	12" Concrete Reducing Wye Without Gaskets	634.24	63.66
33 42 11 00-0039	EA	15" Concrete Reducing Wye Without Gaskets	760.49	77.57
33 42 11 00-0040	EA	18" Concrete Reducing Wye Without Gaskets	940.41	85.53
33 42 11 00-0041	EA	21" Concrete Reducing Wye Without Gaskets	1,078.78	105.42
33 42 11 00-0042	EA	24" Concrete Reducing Wye Without Gaskets	1,218.72	127.30
33 42 11 00-0043		**Concrete Pipe Joint Gaskets** *(33 42 11 00-0001)*		
33 42 11 00-0044	EA	12" Diameter Concrete Pipe Joint Gasket	6.10	
33 42 11 00-0045	EA	15" Diameter Concrete Pipe Joint Gasket	7.21	
33 42 11 00-0046	EA	18" Diameter Concrete Pipe Joint Gasket	8.36	
33 42 11 00-0047	EA	21" Diameter Concrete Pipe Joint Gasket	10.10	
33 42 11 00-0048	EA	24" Diameter Concrete Pipe Joint Gasket	11.83	
33 42 11 00-0049	EA	27" Diameter Concrete Pipe Joint Gasket	13.19	
33 42 11 00-0050	EA	30" Diameter Concrete Pipe Joint Gasket	14.49	
33 42 11 00-0051	EA	36" Diameter Concrete Pipe Joint Gasket	17.70	
33 42 11 00-0052	EA	42" Diameter Concrete Pipe Joint Gasket	20.52	
33 42 11 00-0053	EA	48" Diameter Concrete Pipe Joint Gasket	23.67	
33 42 11 00-0054	EA	54" Diameter Concrete Pipe Joint Gasket	29.01	
33 42 11 00-0055	EA	60" Diameter Concrete Pipe Joint Gasket	42.95	
33 42 11 00-0056	EA	66" Diameter Concrete Pipe Joint Gasket	44.64	
33 42 11 00-0057	EA	72" Diameter Concrete Pipe Joint Gasket	46.29	
33 42 11 00-0058	EA	78" Diameter Concrete Pipe Joint Gasket	53.31	
33 42 11 00-0059	EA	84" Diameter Concrete Pipe Joint Gasket	63.91	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0060		**Couplings** *(33 42 11 00-0001)*		
33 42 11 00-0061		**Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings** *(33 42 11 00-0060)*		
		Note: For concrete to cast iron or plastic pipe. Includes stainless steel clamps. Fernco 1006.		
33 42 11 00-0062	EA	4" x 3" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	48.09	
33 42 11 00-0063	EA	4" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	43.60	
33 42 11 00-0064	EA	6" x 4" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	79.84	
33 42 11 00-0065	EA	6" x 5" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	83.44	
33 42 11 00-0066	EA	6" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	76.53	
33 42 11 00-0067	EA	8" x 6" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	123.68	
33 42 11 00-0068	EA	8" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	104.92	
33 42 11 00-0069	EA	10" x 8" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	158.33	
33 42 11 00-0070	EA	10" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	138.53	
33 42 11 00-0071	EA	12" x 10" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	193.48	
33 42 11 00-0072	EA	12" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	159.17	
33 42 11 00-0073	EA	15" Concrete To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	528.90	
33 42 11 00-0074		**Precast Concrete Cut Off Wall** *(33 42 11 00-0001)*		
33 42 11 00-0075	EA	12" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	267.04	187.29
33 42 11 00-0076	EA	15" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	329.44	231.99
33 42 11 00-0077	EA	18" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	408.87	293.71
33 42 11 00-0078	EA	21" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	484.04	351.18
33 42 11 00-0079	EA	24" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	556.98	406.41
33 42 11 00-0080	EA	27" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	687.59	519.32
33 42 11 00-0081	EA	30" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	901.27	715.13
33 42 11 00-0082	EA	36" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,124.12	902.42
33 42 11 00-0083	EA	42" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,389.02	1,132.07
33 42 11 00-0084	EA	48" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,555.07	1,275.95
33 42 11 00-0085	EA	54" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,736.49	1,430.25
33 42 11 00-0086	EA	60" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,920.58	1,588.82
33 42 11 00-0087	EA	66" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,995.58	1,649.47
33 42 11 00-0088	EA	72" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,061.56	1,702.69
33 42 11 00-0089	EA	78" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,127.52	1,755.89
33 42 11 00-0090	EA	84" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,195.10	1,809.11
33 42 11 00-0091		**Strap Assembly** *(33 42 11 00-0001)*		
		Note: Includes drilling holes in concrete pipe, setting threaded rod, bolts, and mounting the 12' strap.		
33 42 11 00-0092	EA	Up To 24" Diameter Pipe, 12' Strap Assembly	236.70	
33 42 11 00-0093	EA	>24" Diameter Pipe, 12' Strap Assembly	334.04	
33 42 11 00-0094		**Prestressed Concrete Cylinder Piping** *(33 42 11)*		
33 42 11 00-0095		**150 PSI Prestressed Concrete Cylinder Pipe And Fittings** *(33 42 11 00-0094)*		
33 42 11 00-0096		**150 PSI Prestressed Concrete Cylinder Pipe With Gaskets** *(33 42 11 00-0095)*		
		Note: Lined-cylinder pipe (AWWA C301) up to 48". Embedded-cylinder pipe (AWWA C301) >48".		
33 42 11 00-0097	LF	12" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	142.33	16.70
		For >1,000, Deduct	*-7.12*	
		For 100 PSI, Deduct	*-29.62*	
33 42 11 00-0098	LF	15" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	151.87	18.59
		For >1,000, Deduct	*-7.59*	
		For 100 PSI, Deduct	*-31.33*	
33 42 11 00-0099	LF	18" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	165.30	23.19
		For >1,000, Deduct	*-8.27*	
		For 100 PSI, Deduct	*-33.05*	
33 42 11 00-0100	LF	21" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	180.81	29.24
		For >1,000, Deduct	*-9.04*	
		For 100 PSI, Deduct	*-34.76*	
33 42 11 00-0101	LF	24" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	196.62	35.51
		For >1,000, Deduct	*-9.83*	
		For 100 PSI, Deduct	*-36.48*	
33 42 11 00-0102	LF	30" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	231.04	46.82
		For >1,000, Deduct	*-11.55*	
		For 100 PSI, Deduct	*-40.84*	
33 42 11 00-0103	LF	36" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	256.06	53.20
		For >1,000, Deduct	*-12.80*	
		For 100 PSI, Deduct	*-45.21*	
33 42 11 00-0104	LF	42" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	297.27	58.53
		For >1,000, Deduct	*-14.86*	
		For 100 PSI, Deduct	*-53.62*	
33 42 11 00-0105	LF	48" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	341.27	65.18
		For >1,000, Deduct	*-17.06*	
		For 100 PSI, Deduct	*-62.04*	
33 42 11 00-0106	LF	54" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	451.75	84.04
		For >1,000, Deduct	*-22.59*	
		For 100 PSI, Deduct	*-82.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0107	LF	60" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	544.54	97.49
		For >1,000, Deduct	*-27.23*	
		For 100 PSI, Deduct	*-101.32*	
33 42 11 00-0108	LF	66" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	611.94	108.05
		For >1,000, Deduct	*-30.60*	
		For 100 PSI, Deduct	*-114.57*	
33 42 11 00-0109	LF	72" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	682.47	117.66
		For >1,000, Deduct	*-34.12*	
		For 100 PSI, Deduct	*-128.60*	
33 42 11 00-0110	LF	78" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	775.17	132.06
		For >1,000, Deduct	*-38.76*	
		For 100 PSI, Deduct	*-146.52*	
33 42 11 00-0111	LF	84" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	867.89	147.06
		For >1,000, Deduct	*-43.39*	
		For 100 PSI, Deduct	*-164.45*	
33 42 11 00-0112	LF	90" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	1,072.25	171.68
		For >1,000, Deduct	*-53.61*	
		For 100 PSI, Deduct	*-206.54*	
33 42 11 00-0113	LF	96" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	1,262.10	196.05
		For >1,000, Deduct	*-63.11*	
		For 100 PSI, Deduct	*-245.50*	
33 42 11 00-0114	LF	102" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	1,472.74	212.57
		For >1,000, Deduct	*-73.64*	
		For 100 PSI, Deduct	*-292.27*	
33 42 11 00-0115	LF	108" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	1,663.01	225.74
		For >1,000, Deduct	*-83.15*	
		For 100 PSI, Deduct	*-335.13*	
33 42 11 00-0116	LF	114" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	2,009.15	238.90
		For >1,000, Deduct	*-100.46*	
		For 100 PSI, Deduct	*-416.97*	
33 42 11 00-0117	LF	120" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	2,338.12	250.95
		For >1,000, Deduct	*-116.91*	
		For 100 PSI, Deduct	*-494.90*	
33 42 11 00-0118	LF	126" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	2,548.63	263.01
		For >1,000, Deduct	*-127.43*	
		For 100 PSI, Deduct	*-543.23*	
33 42 11 00-0119	LF	132" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	2,762.24	275.06
		For >1,000, Deduct	*-138.11*	
		For 100 PSI, Deduct	*-592.33*	
33 42 11 00-0120	LF	138" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	2,974.30	287.11
		For >1,000, Deduct	*-148.72*	
		For 100 PSI, Deduct	*-641.04*	
33 42 11 00-0121	LF	144" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	3,186.37	299.17
		For >1,000, Deduct	*-159.32*	
		For 100 PSI, Deduct	*-689.75*	

33 42 11 00-0122 150 PSI Prestressed Concrete Cylinder 90 Degree Elbows With Gaskets *(33 42 11 00-0095)*

33 42 11 00-0123	EA	12" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	472.27	156.64
33 42 11 00-0124	EA	15" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	653.31	223.77
33 42 11 00-0125	EA	18" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	839.89	298.36
33 42 11 00-0126	EA	21" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,026.48	372.96
33 42 11 00-0127	EA	24" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,245.86	463.45
33 42 11 00-0128	EA	30" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,596.09	621.59
33 42 11 00-0129	EA	36" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,988.35	744.92
33 42 11 00-0130	EA	42" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,315.60	869.44
33 42 11 00-0131	EA	48" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,606.84	992.88
33 42 11 00-0132	EA	54" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	3,206.70	1,239.76
33 42 11 00-0133	EA	60" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	4,195.38	1,680.78
33 42 11 00-0134	EA	66" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	4,676.38	1,860.86
33 42 11 00-0135	EA	72" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	5,157.38	2,040.94
33 42 11 00-0136	EA	78" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	6,222.11	2,341.08
33 42 11 00-0137	EA	84" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	7,280.23	2,641.21
33 42 11 00-0138	EA	90" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	8,623.77	3,001.38
33 42 11 00-0139	EA	96" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	9,960.70	3,361.54
33 42 11 00-0140	EA	102" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	13,316.73	4,273.77
33 42 11 00-0141	EA	108" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	16,599.01	5,128.52
33 42 11 00-0142	EA	114" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	21,570.53	6,838.03
33 42 11 00-0143	EA	120" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	26,461.15	8,547.54
33 42 11 00-0144	EA	126" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	29,867.03	9,219.13
33 42 11 00-0145	EA	132" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	33,277.46	9,890.72
33 42 11 00-0146	EA	138" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	43,453.41	10,562.31
33 42 11 00-0147	EA	144" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	40,168.07	11,233.90

33 42 11 00-0148 150 PSI Prestressed Concrete Cylinder 45 Degree Elbows With Gaskets *(33 42 11 00-0095)*

33 42 11 00-0149	EA	12" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	440.47	156.64
33 42 11 00-0150	EA	15" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	612.15	223.77
33 42 11 00-0151	EA	18" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	791.26	298.36
33 42 11 00-0152	EA	21" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	970.36	372.96
33 42 11 00-0153	EA	24" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,182.27	463.45
33 42 11 00-0154	EA	30" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,508.80	579.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0155	EA	36" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,888.59	744.92
33 42 11 00-0156	EA	42" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,200.25	869.44
33 42 11 00-0157	EA	48" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,482.77	992.88
33 42 11 00-0158	EA	54" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	3,029.34	1,239.76
33 42 11 00-0159	EA	60" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	4,027.44	1,680.78
33 42 11 00-0160	EA	66" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	4,496.27	1,860.86
33 42 11 00-0161	EA	72" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	4,965.10	2,040.94
33 42 11 00-0162	EA	78" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	5,773.29	2,341.08
33 42 11 00-0163	EA	84" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	6,574.86	2,641.21
33 42 11 00-0164	EA	90" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	7,733.60	3,001.38
33 42 11 00-0165	EA	96" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	8,885.73	3,361.54
33 42 11 00-0166	EA	102" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	11,589.56	4,201.94
33 42 11 00-0167	EA	108" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	14,506.97	5,128.52
33 42 11 00-0168	EA	114" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	18,969.51	6,838.03
33 42 11 00-0169	EA	120" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	23,351.13	8,547.54
33 42 11 00-0170	EA	126" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	26,072.26	9,219.13
33 42 11 00-0171	EA	132" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	28,797.92	11,233.90
33 42 11 00-0172	EA	138" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	31,533.68	10,562.31
33 42 11 00-0173	EA	144" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	34,599.58	11,233.90

33 42 11 00-0174 400 PSI Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0094)*

33 42 11 00-0175 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0174)*

Note: AWWA C301

33 42 11 00-0176	LF	30" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	272.04	46.82
		For >1,000, Deduct	*-13.60*	
33 42 11 00-0177	LF	36" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	331.77	53.20
		For >1,000, Deduct	*-16.59*	
33 42 11 00-0178	LF	42" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	387.16	58.53
		For >1,000, Deduct	*-19.36*	

33 42 11 00-0179 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0174)*

Note: AWWA C301

33 42 11 00-0180	LF	48" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	521.83	65.13
		For >1,000, Deduct	*-26.09*	
33 42 11 00-0181	LF	54" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	625.06	84.04
		For >1,000, Deduct	*-31.25*	
33 42 11 00-0182	LF	60" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	720.56	97.49
		For >1,000, Deduct	*-36.03*	
33 42 11 00-0183	LF	66" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	811.27	108.05
		For >1,000, Deduct	*-40.56*	
33 42 11 00-0184	LF	72" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	982.88	117.66
		For >1,000, Deduct	*-49.14*	

33 42 11 00-0185 Welded Joints For Prestressed Concrete Cylinder Pipe *(33 42 11 00-0174)*

Note: All pipe joints to be exposed and dewatered. Internal joint welding also requires joints to be ventilated and air quality checked.

33 42 11 00-0186	EA	30" Welded Joint For Prestressed Concrete Cylinder Pipe	2,385.72	
33 42 11 00-0187	EA	36" Welded Joint For Prestressed Concrete Cylinder Pipe	2,562.44	
33 42 11 00-0188	EA	42" Welded Joint For Prestressed Concrete Cylinder Pipe	2,650.80	
33 42 11 00-0189	EA	48" Welded Joint For Prestressed Concrete Cylinder Pipe	3,004.24	
33 42 11 00-0190	EA	54" Welded Joint For Prestressed Concrete Cylinder Pipe	3,092.60	
33 42 11 00-0191	EA	60" Welded Joint For Prestressed Concrete Cylinder Pipe	3,269.32	
33 42 11 00-0192	EA	66" Welded Joint For Prestressed Concrete Cylinder Pipe	3,357.68	
33 42 11 00-0193	EA	72" Welded Joint For Prestressed Concrete Cylinder Pipe	3,446.04	
33 42 11 00-0194	EA	30" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	4,418.00	
33 42 11 00-0195	EA	36" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	4,418.00	
33 42 11 00-0196	EA	42" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	5,036.53	
33 42 11 00-0197	EA	48" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	5,036.53	
33 42 11 00-0198	EA	54" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	5,389.97	
33 42 11 00-0199	EA	60" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	5,389.97	
33 42 11 00-0200	EA	66" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	5,831.77	
33 42 11 00-0201	EA	72" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	5,831.77	

33 42 11 00-0202 Quick Test Joints *(33 42 11 00-0174)*

33 42 11 00-0203	EA	30" Quick Test Joint	593.18	
33 42 11 00-0204	EA	36" Quick Test Joint	598.50	
33 42 11 00-0205	EA	42" Quick Test Joint	603.82	
33 42 11 00-0206	EA	48" Quick Test Joint	616.14	
33 42 11 00-0207	EA	54" Quick Test Joint	644.41	
33 42 11 00-0208	EA	60" Quick Test Joint	668.07	
33 42 11 00-0209	EA	66" Quick Test Joint	703.39	
33 42 11 00-0210	EA	72" Quick Test Joint	738.69	

33 42 11 00-0211 Harnessed Joints *(33 42 11 00-0174)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0212		**Harness Clamp Restrained Joints** *(33 42 11 00-0211)*		
33 42 11 00-0213	EA	30" Harness Clamp Restrained Joint	3,889.69	
33 42 11 00-0214	EA	36" Harness Clamp Restrained Joint	4,041.34	
33 42 11 00-0215	EA	42" Harness Clamp Restrained Joint	4,192.99	
33 42 11 00-0216	EA	48" Harness Clamp Restrained Joint	4,344.65	
33 42 11 00-0217	EA	54" Harness Clamp Restrained Joint	4,509.93	
33 42 11 00-0218	EA	60" Harness Clamp Restrained Joint	4,741.43	
33 42 11 00-0219	EA	66" Harness Clamp Restrained Joint	4,899.77	
33 42 11 00-0220	EA	72" Harness Clamp Restrained Joint	5,248.33	
33 42 11 00-0221		**Snap Ring Restrained Joints** *(33 42 11 00-0211)*		
33 42 11 00-0222	EA	30" Snap Ring Restrained Joint	670.45	
33 42 11 00-0223	EA	36" Snap Ring Restrained Joint	763.56	
33 42 11 00-0224	EA	42" Snap Ring Restrained Joint	1,017.64	
33 42 11 00-0225	EA	48" Snap Ring Restrained Joint	1,154.67	
33 42 11 00-0226	EA	54" Snap Ring Restrained Joint	1,305.32	
33 42 11 00-0227	EA	60" Snap Ring Restrained Joint	1,478.29	
33 42 11 00-0228	EA	66" Snap Ring Restrained Joint	1,636.63	
33 42 11 00-0229	EA	72" Snap Ring Restrained Joint	1,824.22	
33 42 11 00-0230		**Pipe Repairs** *(33 42 11 00-0174)*		
		Note: For repair of damaged or defective lined or embedded cylinder concrete pipe. Includes 2 concrete adapters, MJDI sleeve, 20' pipe.		
33 42 11 00-0231		**Lined Cylinder Pipe Repair** *(33 42 11 00-0230)*		
33 42 11 00-0232	EA	30" Lined Cylinder Pipe Repair	5,891.18	
33 42 11 00-0233	EA	36" Lined Cylinder Pipe Repair	7,292.26	
33 42 11 00-0234	EA	42" Lined Cylinder Pipe Repair	10,401.86	
33 42 11 00-0235		**Embedded Cylinder Pipe Repair** *(33 42 11 00-0230)*		
		Note: Field welded concrete enclosure assembly with concrete pipe.		
33 42 11 00-0236	EA	48" Embedded Cylinder Pipe Repair	15,575.87	
33 42 11 00-0237	EA	54" Embedded Cylinder Pipe Repair	18,100.18	
33 42 11 00-0238	EA	60" Embedded Cylinder Pipe Repair	20,642.22	
33 42 11 00-0239	EA	66" Embedded Cylinder Pipe Repair	23,323.06	
33 42 11 00-0240	EA	72" Embedded Cylinder Pipe Repair	28,089.08	
33 42 11 00-0241		**High Density Polyethylene (HDPE) Piping** *(33 42 11)*		
33 42 11 00-0242		**Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping** *(33 42 11 00-0241)*		
		Note: Excludes couplings and gaskets.		
33 42 11 00-0243		**Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping** *(33 42 11 00-0242)*		
33 42 11 00-0244	LF	4" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	15.82	6.91
		For <100, Add	*2.76*	
		For >1,000, Deduct	*-1.48*	
33 42 11 00-0245	LF	6" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	21.16	8.03
		For <100, Add	*3.21*	
		For >1,000, Deduct	*-1.86*	
33 42 11 00-0246	LF	8" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	26.32	9.34
		For <100, Add	*3.74*	
		For >1,000, Deduct	*-2.25*	
33 42 11 00-0247	LF	10" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	30.36	9.67
		For <100, Add	*3.87*	
		For >1,000, Deduct	*-2.49*	
33 42 11 00-0248	LF	12" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	31.99	10.01
		For <100, Add	*4.00*	
		For >1,000, Deduct	*-2.60*	
33 42 11 00-0249	LF	15" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	36.77	10.36
		For <100, Add	*4.14*	
		For >1,000, Deduct	*-2.87*	
33 42 11 00-0250	LF	18" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	45.42	10.74
		For <100, Add	*4.30*	
		For >1,000, Deduct	*-3.35*	
33 42 11 00-0251	LF	24" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	63.29	12.59
		For <100, Add	*5.03*	
		For >1,000, Deduct	*-4.42*	
33 42 11 00-0252	LF	30" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	90.19	16.94
		For <100, Add	*6.78*	
		For >1,000, Deduct	*-6.20*	
33 42 11 00-0253	LF	36" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	118.95	21.41
		For <100, Add	*8.56*	
		For >1,000, Deduct	*-8.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 42 11 00-0254 Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0242)*

33 42 11 00-0255	LF	12" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	31.78	10.01
		For <100, Add	*4.00*	
		For >1,000, Deduct	*-2.59*	
33 42 11 00-0256	LF	15" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	37.61	10.36
		For <100, Add	*4.14*	
		For >1,000, Deduct	*-2.92*	
33 42 11 00-0257	LF	18" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	46.69	10.74
		For <100, Add	*4.30*	
		For >1,000, Deduct	*-3.41*	
33 42 11 00-0258	LF	24" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	65.29	12.59
		For <100, Add	*5.03*	
		For >1,000, Deduct	*-4.52*	
33 42 11 00-0259	LF	30" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	95.68	16.94
		For <100, Add	*6.78*	
		For >1,000, Deduct	*-6.48*	
33 42 11 00-0260	LF	36" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	123.03	21.41
		For <100, Add	*8.56*	
		For >1,000, Deduct	*-8.29*	
33 42 11 00-0261	LF	42" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	162.50	23.36
		For <100, Add	*9.34*	
		For >1,000, Deduct	*-10.46*	
33 42 11 00-0262	LF	48" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	176.80	26.35
		For <100, Add	*10.54*	
		For >1,000, Deduct	*-11.48*	

33 42 11 00-0263 Perforated, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0241)*

Note: Excludes couplings and gaskets.

33 42 11 00-0264 Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0263)*

33 42 11 00-0265	LF	4" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	16.87	6.91
		For <100, Add	*2.76*	
		For >1,000, Deduct	*-1.53*	
33 42 11 00-0266	LF	6" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	21.20	8.03
		For <100, Add	*3.21*	
		For >1,000, Deduct	*-1.86*	
33 42 11 00-0267	LF	8" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	26.32	9.34
		For <100, Add	*3.74*	
		For >1,000, Deduct	*-2.25*	
33 42 11 00-0268	LF	10" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	30.39	9.67
		For <100, Add	*3.87*	
		For >1,000, Deduct	*-2.49*	
33 42 11 00-0269	LF	12" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	31.99	10.01
		For <100, Add	*4.00*	
		For >1,000, Deduct	*-2.60*	
33 42 11 00-0270	LF	15" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	36.80	10.36
		For <100, Add	*4.14*	
		For >1,000, Deduct	*-2.88*	
33 42 11 00-0271	LF	18" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	45.46	10.74
		For <100, Add	*4.30*	
		For >1,000, Deduct	*-3.35*	
33 42 11 00-0272	LF	24" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	63.29	12.59
		For <100, Add	*5.03*	
		For >1,000, Deduct	*-4.42*	
33 42 11 00-0273	LF	30" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	90.54	16.94
		For <100, Add	*6.78*	
		For >1,000, Deduct	*-6.22*	
33 42 11 00-0274	LF	36" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	118.95	21.41
		For <100, Add	*8.56*	
		For >1,000, Deduct	*-8.09*	

33 42 11 00-0275 Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0263)*

33 42 11 00-0276	LF	12" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	31.81	10.01
		For <100, Add	*4.00*	
		For >1,000, Deduct	*-2.59*	
33 42 11 00-0277	LF	15" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	37.65	10.36
		For <100, Add	*4.14*	
		For >1,000, Deduct	*-2.92*	
33 42 11 00-0278	LF	18" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	46.72	10.74
		For <100, Add	*4.30*	
		For >1,000, Deduct	*-3.41*	
33 42 11 00-0279	LF	24" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	65.29	12.59
		For <100, Add	*5.03*	
		For >1,000, Deduct	*-4.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0280	LF	30" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	95.68	16.94
		For <100, Add	*6.78*	
		For >1,000, Deduct	*-6.48*	
33 42 11 00-0281	LF	36" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	123.03	21.41
		For <100, Add	*8.56*	
		For >1,000, Deduct	*-8.29*	
33 42 11 00-0282	LF	42" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	162.50	23.36
		For <100, Add	*9.34*	
		For >1,000, Deduct	*-10.46*	
33 42 11 00-0283	LF	48" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	176.80	26.35
		For <100, Add	*10.54*	
		For >1,000, Deduct	*-11.48*	

33 42 11 00-0284 Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings *(33 42 11 00-0241)*

Note: Excludes couplings and gaskets.

33 42 11 00-0285 Tees, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0284)*

33 42 11 00-0286	EA	4" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	70.56	23.21
33 42 11 00-0287	EA	6" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	89.59	27.08
33 42 11 00-0288	EA	8" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	149.43	32.89
33 42 11 00-0289	EA	10" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	232.13	40.63
33 42 11 00-0290	EA	12" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	373.20	48.37
33 42 11 00-0291	EA	15" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	528.97	63.20
33 42 11 00-0292	EA	18" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	763.26	85.12
33 42 11 00-0293	EA	24" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	983.66	97.16
33 42 11 00-0294	EA	30" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,743.79	112.21
33 42 11 00-0295	EA	36" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	2,245.96	129.62
33 42 11 00-0296	EA	42" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	3,765.88	154.77
33 42 11 00-0297	EA	48" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	4,731.43	183.79

33 42 11 00-0298 Wyes, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0284)*

33 42 11 00-0299	EA	4" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	108.17	23.21
33 42 11 00-0300	EA	6" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	130.86	27.08
33 42 11 00-0301	EA	8" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	175.48	32.89
33 42 11 00-0302	EA	10" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	260.85	40.63
33 42 11 00-0303	EA	12" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	465.61	48.37
33 42 11 00-0304	EA	15" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	500.62	63.20
33 42 11 00-0305	EA	18" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	708.11	85.12

33 42 11 00-0306 22-1/2 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0284)*

33 42 11 00-0307	EA	4" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	42.32	15.48
33 42 11 00-0308	EA	6" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	52.68	18.06
33 42 11 00-0309	EA	8" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	78.76	21.93
33 42 11 00-0310	EA	10" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	99.34	27.08
33 42 11 00-0311	EA	12" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	147.16	32.25
33 42 11 00-0312	EA	15" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	236.66	41.27
33 42 11 00-0313	EA	18" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	312.77	56.75
33 42 11 00-0314	EA	24" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	612.16	64.48
33 42 11 00-0315	EA	30" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	856.95	74.80
33 42 11 00-0316	EA	36" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,004.77	86.41
33 42 11 00-0317	EA	42" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,287.19	103.18
33 42 11 00-0318	EA	48" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,747.41	122.52

33 42 11 00-0319 45 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0284)*

33 42 11 00-0320	EA	4" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	46.44	15.48
33 42 11 00-0321	EA	6" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	61.25	18.06
33 42 11 00-0322	EA	8" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	83.14	21.93
33 42 11 00-0323	EA	10" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	134.95	27.08
33 42 11 00-0324	EA	12" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	147.16	32.25
33 42 11 00-0325	EA	15" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	235.95	41.27
33 42 11 00-0326	EA	18" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	370.18	56.75
33 42 11 00-0327	EA	24" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	656.52	64.48
33 42 11 00-0328	EA	30" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	859.06	74.80
33 42 11 00-0329	EA	36" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,100.38	86.41
33 42 11 00-0330	EA	42" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,656.19	103.18
33 42 11 00-0331	EA	48" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	2,078.14	122.52

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0332		Couplings And End Caps, Corrugated High Density Polyethylene (HDPE) Pipe Fittings *(33 42 11 00-0241)*		
		Note: For single and double wall high density polyethylene (HDPE) piping.		
33 42 11 00-0333		Couplings, Corrugated High Density Polyethylene (HDPE) Pipe *(33 42 11 00-0332)*		
33 42 11 00-0334	EA	4" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	2.45	
33 42 11 00-0335	EA	6" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	4.40	
33 42 11 00-0336	EA	8" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	6.78	
33 42 11 00-0337	EA	10" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	8.33	
33 42 11 00-0338	EA	12" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	8.97	
33 42 11 00-0339	EA	15" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	12.76	
33 42 11 00-0340	EA	18" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	18.88	
33 42 11 00-0341	EA	24" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	30.07	
33 42 11 00-0342	EA	30" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	46.15	
33 42 11 00-0343	EA	36" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	60.40	
33 42 11 00-0344	EA	42" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	94.95	
33 42 11 00-0345	EA	48" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	128.42	
33 42 11 00-0346		Self Adhering Gaskets, Corrugated High Density Polyethylene (HDPE) Pipe *(33 42 11 00-0332)*		
33 42 11 00-0347	EA	4" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	130.02	
33 42 11 00-0348	EA	6" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	136.14	
33 42 11 00-0349	EA	8" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	142.55	
33 42 11 00-0350	EA	10" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	149.25	
33 42 11 00-0351	EA	12" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	177.02	
33 42 11 00-0352	EA	15" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	182.77	
33 42 11 00-0353	EA	18" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	190.63	
33 42 11 00-0354	EA	24" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	217.14	
33 42 11 00-0355	EA	30" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	348.08	
33 42 11 00-0356	EA	36" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	381.26	
33 42 11 00-0357	EA	42" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	415.42	
33 42 11 00-0358	EA	48" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	504.53	
33 42 11 00-0359		End Caps, Corrugated High Density Polyethylene (HDPE) Pipe *(33 42 11 00-0332)*		
33 42 11 00-0360	EA	6" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	33.03	
33 42 11 00-0361	EA	8" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	38.66	
33 42 11 00-0362	EA	10" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	62.05	
33 42 11 00-0363	EA	12" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	104.85	
33 42 11 00-0364	EA	15" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	121.90	
33 42 11 00-0365	EA	18" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	164.44	
33 42 11 00-0366	EA	24" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	170.54	
33 42 11 00-0367		Vitrified Clay Piping *(33 42 11)*		
33 42 11 00-0368		Extra Strength Vitrified Clay Piping *(33 42 11 00-0367)*		
33 42 11 00-0369		Plain Joint, Extra Strength, Vitrified Clay Piping *(33 42 11 00-0368)*		
		Note: ASTM C700.		
33 42 11 00-0370	LF	4" Plain Joint, Extra Strength, Vitrified Clay Pipe	20.83	
		For 3' Lengths, Add	*1.80*	
		For 2' Lengths, Add	*2.40*	
		For Standard Strength, Deduct	*-0.60*	
		For >1,000, Deduct	*-1.04*	
33 42 11 00-0371	LF	6" Plain Joint, Extra Strength, Vitrified Clay Pipe	34.60	
		For 3' Lengths, Add	*2.79*	
		For 2' Lengths, Add	*3.72*	
		For Standard Strength, Deduct	*-0.93*	
		For >1,000, Deduct	*-1.73*	
33 42 11 00-0372	LF	8" Plain Joint, Extra Strength, Vitrified Clay Pipe	41.41	
		For 3' Lengths, Add	*3.99*	
		For 2' Lengths, Add	*5.32*	
		For Standard Strength, Deduct	*-1.33*	
		For >1,000, Deduct	*-2.07*	
33 42 11 00-0373	LF	10" Plain Joint, Extra Strength, Vitrified Clay Pipe	49.54	
		For 3' Lengths, Add	*6.11*	
		For 2' Lengths, Add	*8.14*	
		For Standard Strength, Deduct	*-2.04*	
		For >1,000, Deduct	*-2.48*	
33 42 11 00-0374	LF	12" Plain Joint, Extra Strength, Vitrified Clay Pipe	60.57	
		For 3' Lengths, Add	*8.62*	
		For 2' Lengths, Add	*11.50*	
		For Standard Strength, Deduct	*-2.87*	
		For >1,000, Deduct	*-3.03*	
33 42 11 00-0375	LF	15" Plain Joint, Extra Strength, Vitrified Clay Pipe	89.31	
		For 3' Lengths, Add	*16.17*	
		For 2' Lengths, Add	*21.56*	
		For Standard Strength, Deduct	*-5.39*	
		For >1,000, Deduct	*-4.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0376	LF	18" Plain Joint, Extra Strength, Vitrified Clay Pipe	121.41	
		For 3' Lengths, Add	*23.17*	
		For 2' Lengths, Add	*30.90*	
		For Standard Strength, Deduct	*-7.72*	
		For >1,000, Deduct	*-6.07*	
33 42 11 00-0377	LF	21" Plain Joint, Extra Strength, Vitrified Clay Pipe	179.46	
		For 3' Lengths, Add	*37.13*	
		For 2' Lengths, Add	*49.50*	
		For Standard Strength, Deduct	*-12.38*	
		For >1,000, Deduct	*-8.97*	
33 42 11 00-0378	LF	24" Plain Joint, Extra Strength, Vitrified Clay Pipe	229.32	
		For 3' Lengths, Add	*48.50*	
		For 2' Lengths, Add	*64.67*	
		For Standard Strength, Deduct	*-16.17*	
		For >1,000, Deduct	*-11.47*	
33 42 11 00-0379	LF	30" Plain Joint, Extra Strength, Vitrified Clay Pipe	283.74	
		For 3' Lengths, Add	*60.48*	
		For 2' Lengths, Add	*80.64*	
		For Standard Strength, Deduct	*-20.16*	
		For >1,000, Deduct	*-14.19*	
33 42 11 00-0380	LF	36" Plain Joint, Extra Strength, Vitrified Clay Pipe	343.25	
		For 3' Lengths, Add	*73.05*	
		For 2' Lengths, Add	*97.40*	
		For Standard Strength, Deduct	*-24.35*	
		For >1,000, Deduct	*-17.16*	

33 42 11 00-0381 Compression Joint, Extra Strength, Vitrified Clay Piping *(33 42 11 00-0968)*

Note: ASTM C425.

33 42 11 00-0382	LF	4" Compression Joint, Extra Strength, Vitrified Clay Pipe	29.56	
		For 3' Lengths, Add	*2.12*	
		For 2' Lengths, Add	*2.83*	
		For Standard Strength, Deduct	*-0.71*	
		For >1,000, Deduct	*-1.48*	
33 42 11 00-0383	LF	6" Compression Joint, Extra Strength, Vitrified Clay Pipe	36.84	
		For 3' Lengths, Add	*3.46*	
		For 2' Lengths, Add	*4.62*	
		For Standard Strength, Deduct	*-1.15*	
		For >1,000, Deduct	*-1.84*	
33 42 11 00-0384	LF	8" Compression Joint, Extra Strength, Vitrified Clay Pipe	44.41	
		For 3' Lengths, Add	*4.89*	
		For 2' Lengths, Add	*6.52*	
		For Standard Strength, Deduct	*-1.63*	
		For >1,000, Deduct	*-2.22*	
33 42 11 00-0385	LF	10" Compression Joint, Extra Strength, Vitrified Clay Pipe	55.92	
		For 3' Lengths, Add	*8.02*	
		For 2' Lengths, Add	*10.70*	
		For Standard Strength, Deduct	*-2.67*	
		For >1,000, Deduct	*-2.80*	
33 42 11 00-0386	LF	12" Compression Joint, Extra Strength, Vitrified Clay Pipe	66.96	
		For 3' Lengths, Add	*10.54*	
		For 2' Lengths, Add	*14.05*	
		For Standard Strength, Deduct	*-3.51*	
		For >1,000, Deduct	*-3.35*	
33 42 11 00-0387	LF	15" Compression Joint, Extra Strength, Vitrified Clay Pipe	99.49	
		For 3' Lengths, Add	*19.22*	
		For 2' Lengths, Add	*25.63*	
		For Standard Strength, Deduct	*-6.41*	
		For >1,000, Deduct	*-4.97*	
33 42 11 00-0388	LF	18" Compression Joint, Extra Strength, Vitrified Clay Pipe	137.98	
		For 3' Lengths, Add	*28.14*	
		For 2' Lengths, Add	*37.52*	
		For Standard Strength, Deduct	*-9.38*	
		For >1,000, Deduct	*-6.90*	
33 42 11 00-0389	LF	21" Compression Joint, Extra Strength, Vitrified Clay Pipe	198.42	
		For 3' Lengths, Add	*42.81*	
		For 2' Lengths, Add	*57.08*	
		For Standard Strength, Deduct	*-14.27*	
		For >1,000, Deduct	*-9.92*	
33 42 11 00-0390	LF	24" Compression Joint, Extra Strength, Vitrified Clay Pipe	259.26	
		For 3' Lengths, Add	*57.48*	
		For 2' Lengths, Add	*76.64*	
		For Standard Strength, Deduct	*-19.16*	
		For >1,000, Deduct	*-12.96*	
33 42 11 00-0391	LF	30" Compression Joint, Extra Strength, Vitrified Clay Pipe	415.47	
		For 3' Lengths, Add	*100.00*	
		For 2' Lengths, Add	*133.33*	
		For Standard Strength, Deduct	*-33.33*	
		For >1,000, Deduct	*-20.77*	
33 42 11 00-0392	LF	36" Compression Joint, Extra Strength, Vitrified Clay Pipe	590.74	
		For 3' Lengths, Add	*147.30*	
		For 2' Lengths, Add	*196.40*	
		For Standard Strength, Deduct	*-49.10*	
		For >1,000, Deduct	*-29.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0393		Extra Strength, Vitrified Clay Pipe Fittings *(33 42 11 00-0367)*		
33 42 11 00-0394		1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0393)*		
33 42 11 00-0395		Plain End 1/8 Bend, Extra Strength, Vitrified Clay *(33 42 11 00-0394)*		
33 42 11 00-0396	EA	4" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	87.27	
33 42 11 00-0397	EA	6" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	117.88	
33 42 11 00-0398	EA	8" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	168.55	
33 42 11 00-0399	EA	10" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	231.47	
33 42 11 00-0400	EA	12" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	305.95	
33 42 11 00-0401	EA	15" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	731.68	
33 42 11 00-0402	EA	18" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,032.12	
33 42 11 00-0403	EA	21" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,610.67	
33 42 11 00-0404	EA	24" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,858.87	
33 42 11 00-0405	EA	30" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	2,158.46	
33 42 11 00-0406	EA	36" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	3,238.88	
33 42 11 00-0407		Compression Joint 1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0394)*		
33 42 11 00-0408	EA	4" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	98.63	
33 42 11 00-0409	EA	6" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	140.31	
33 42 11 00-0410	EA	8" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	190.14	
33 42 11 00-0411	EA	10" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	254.57	
33 42 11 00-0412	EA	12" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	323.24	
33 42 11 00-0413	EA	15" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	820.72	
33 42 11 00-0414	EA	18" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	1,194.19	
33 42 11 00-0415	EA	21" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	1,227.43	
33 42 11 00-0416	EA	24" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	2,380.65	
33 42 11 00-0417	EA	30" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	2,651.07	
33 42 11 00-0418	EA	36" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	3,937.82	
33 42 11 00-0419		1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0393)*		
33 42 11 00-0420		Plain End 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0419)*		
33 42 11 00-0421	EA	4" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	102.11	
33 42 11 00-0422	EA	6" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	135.75	
33 42 11 00-0423	EA	8" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	189.47	
33 42 11 00-0424	EA	10" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	254.08	
33 42 11 00-0425	EA	12" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	331.42	
33 42 11 00-0426	EA	15" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	760.01	
33 42 11 00-0427	EA	18" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,067.45	
33 42 11 00-0428	EA	21" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,655.24	
33 42 11 00-0429	EA	24" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,912.99	
33 42 11 00-0430	EA	30" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	2,225.95	
33 42 11 00-0431	EA	36" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	3,313.91	
33 42 11 00-0432		Compression Joint 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0419)*		
33 42 11 00-0433	EA	4" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	116.45	
33 42 11 00-0434	EA	6" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	161.77	
33 42 11 00-0435	EA	8" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	215.24	
33 42 11 00-0436	EA	10" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	281.70	
33 42 11 00-0437	EA	12" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	353.80	
33 42 11 00-0438	EA	15" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	854.72	
33 42 11 00-0439	EA	18" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	1,236.60	
33 42 11 00-0440	EA	21" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,399.75	
33 42 11 00-0441	EA	24" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,445.59	
33 42 11 00-0442	EA	30" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,732.06	
33 42 11 00-0443	EA	36" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	4,027.85	
33 42 11 00-0444		Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-0393)*		
33 42 11 00-0445		Plain End Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-0444)*		
33 42 11 00-0446	EA	4" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	112.21	
33 42 11 00-0447	EA	6" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	146.47	
33 42 11 00-0448	EA	8" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	199.05	
33 42 11 00-0449	EA	10" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	262.59	
33 42 11 00-0450	EA	12" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	332.03	
33 42 11 00-0451	EA	15" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	767.54	
33 42 11 00-0452	EA	18" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,074.17	
33 42 11 00-0453	EA	21" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,552.13	
33 42 11 00-0454	EA	24" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,160.04	
33 42 11 00-0455	EA	30" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,285.93	
33 42 11 00-0456	EA	36" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	3,288.00	
33 42 11 00-0457		Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-0444)*		
33 42 11 00-0458	EA	4" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	137.07	
33 42 11 00-0459	EA	6" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	187.96	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0460	EA	8" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	247.52	
33 42 11 00-0461	EA	10" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	319.64	
33 42 11 00-0462	EA	12" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	398.84	
33 42 11 00-0463	EA	15" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	933.64	
33 42 11 00-0464	EA	18" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,345.68	
33 42 11 00-0465	EA	21" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,997.98	
33 42 11 00-0466	EA	24" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	2,647.15	
33 42 11 00-0467	EA	30" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	3,061.97	
33 42 11 00-0468	EA	36" Compression Joint, Extra Strength, Vitrified Clay Wye Or Tee	4,347.11	
33 42 11 00-0469		Vitrified Clay Couplings *(33 42 11 00-0367)*		
33 42 11 00-0470		Vitrified Clay To Cast Iron Or Plastic Pipe Couplings *(33 42 11 00-0469)*		
		Note: Stainless steel tightening band at each end (Fernco #1002)		
33 42 11 00-0471	EA	4" x 3" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	44.14	
33 42 11 00-0472	EA	4" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	43.60	
33 42 11 00-0473	EA	5" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	63.72	
33 42 11 00-0474	EA	5" x 5" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	59.32	
33 42 11 00-0475	EA	6" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	79.84	
33 42 11 00-0476	EA	6" x 5" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	83.67	
33 42 11 00-0477	EA	6" x 6" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	75.21	
33 42 11 00-0478	EA	8" x 6" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	114.59	
33 42 11 00-0479	EA	8" x 8" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	104.92	
33 42 11 00-0480	EA	10" x 8" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	153.46	
33 42 11 00-0481	EA	10" x 10" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	138.53	
33 42 11 00-0482	EA	12" x 10" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	193.48	
33 42 11 00-0483	EA	12" x 12" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	159.17	
33 42 11 00-0484	EA	15" x 12" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	337.50	
33 42 11 00-0485	EA	15" x 15" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	255.73	
33 42 11 00-0486		Vitrified Clay To Vitrified Clay Pipe Non-Shear Couplings *(33 42 11 00-0469)*		
		Note: Stainless steel tightening band at each end. (NDS Non-shear)		
33 42 11 00-0487	EA	4" x 4" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	69.46	
33 42 11 00-0488	EA	6" x 4" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	92.73	
33 42 11 00-0489	EA	6" x 6" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	98.16	
33 42 11 00-0490	EA	8" x 8" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	102.90	
33 42 11 00-0491	EA	10" x 10" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	127.36	
33 42 11 00-0492	EA	12" x 12" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling	147.97	
33 42 11 00-0493		Vitrified Clay To Plastic Pipe Non-Shear Couplings *(33 42 11 00-0469)*		
		Note: Stainless steel tightening band at each end. (NDS Non-shear)		
33 42 11 00-0494	EA	4" x 4" Vitrified Clay To Plastic Pipe Non-Shear Coupling	71.27	
33 42 11 00-0495	EA	6" x 4" Vitrified Clay To Plastic Pipe Non-Shear Coupling	94.55	
33 42 11 00-0496	EA	6" x 6" Vitrified Clay To Plastic Pipe Non-Shear Coupling	86.45	
33 42 11 00-0497	EA	8" x 8" Vitrified Clay To Plastic Pipe Non-Shear Coupling	113.79	
33 42 11 00-0498	EA	10" x 10" Vitrified Clay To Plastic Pipe Non-Shear Coupling	165.49	
33 42 11 00-0499	EA	12" x 12" Vitrified Clay To Plastic Pipe Non-Shear Coupling	187.12	
33 42 11 00-0500		Corrugated Metal Piping *(33 42 11)*		
33 42 11 00-0501		Galvanized Corrugated Steel Piping *(33 42 11 00-0500)*		
33 42 11 00-0502		2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0501)*		
33 42 11 00-0503		16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0502)*		
33 42 11 00-0504	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	35.58	10.44
		For Bituminous Coated Pipe, Add	*3.36*	
		For Bituminous Coated And 25% Paved, Add	*6.87*	
		For Smooth-Flo, Add	*12.27*	
33 42 11 00-0505	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	39.93	10.94
		For Bituminous Coated Pipe, Add	*4.23*	
		For Bituminous Coated And 25% Paved, Add	*8.65*	
		For Smooth-Flo, Add	*15.44*	
33 42 11 00-0506	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	44.45	11.93
		For Bituminous Coated Pipe, Add	*5.12*	
		For Bituminous Coated And 25% Paved, Add	*10.48*	
		For Smooth-Flo, Add	*18.71*	
33 42 11 00-0507	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	50.45	12.93
		For Bituminous Coated Pipe, Add	*6.13*	
		For Bituminous Coated And 25% Paved, Add	*12.53*	
		For Smooth-Flo, Add	*22.38*	
33 42 11 00-0508	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	55.78	13.93
		For Bituminous Coated Pipe, Add	*6.90*	
		For Bituminous Coated And 25% Paved, Add	*14.11*	
		For Smooth-Flo, Add	*25.19*	
33 42 11 00-0509	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	73.69	17.90
		For Bituminous Coated Pipe, Add	*8.95*	
		For Bituminous Coated And 25% Paved, Add	*18.30*	
		For Smooth-Flo, Add	*32.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0510	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	96.29	23.42
		For Bituminous Coated Pipe, Add	*11.28*	
		For Bituminous Coated And 25% Paved, Add	*23.08*	
		For Smooth-Flo, Add	*41.22*	
33 42 11 00-0511	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	109.36	27.67
		For Bituminous Coated Pipe, Add	*13.35*	
		For Bituminous Coated And 25% Paved, Add	*27.31*	
		For Smooth-Flo, Add	*48.78*	
33 42 11 00-0512	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	122.93	31.92
		For Bituminous Coated Pipe, Add	*14.96*	
		For Bituminous Coated And 25% Paved, Add	*30.60*	
		For Smooth-Flo, Add	*54.64*	
33 42 11 00-0513		14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0502)*		
33 42 11 00-0514	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	38.58	10.44
		For Bituminous Coated Pipe, Add	*3.41*	
		For Bituminous Coated And 25% Paved, Add	*7.90*	
		For Smooth-Flo, Add	*15.97*	
33 42 11 00-0515	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	43.63	10.94
		For Bituminous Coated Pipe, Add	*4.28*	
		For Bituminous Coated And 25% Paved, Add	*9.91*	
		For Smooth-Flo, Add	*20.03*	
33 42 11 00-0516	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	48.92	11.93
		For Bituminous Coated Pipe, Add	*5.18*	
		For Bituminous Coated And 25% Paved, Add	*12.00*	
		For Smooth-Flo, Add	*24.26*	
33 42 11 00-0517	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	55.61	12.93
		For Bituminous Coated Pipe, Add	*6.16*	
		For Bituminous Coated And 25% Paved, Add	*14.26*	
		For Smooth-Flo, Add	*28.83*	
33 42 11 00-0518	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	61.78	13.93
		For Bituminous Coated Pipe, Add	*6.97*	
		For Bituminous Coated And 25% Paved, Add	*16.15*	
		For Smooth-Flo, Add	*32.64*	
33 42 11 00-0519	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	81.02	17.90
		For Bituminous Coated Pipe, Add	*8.95*	
		For Bituminous Coated And 25% Paved, Add	*20.73*	
		For Smooth-Flo, Add	*41.91*	
33 42 11 00-0520	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	105.19	23.42
		For Bituminous Coated Pipe, Add	*11.22*	
		For Bituminous Coated And 25% Paved, Add	*25.99*	
		For Smooth-Flo, Add	*52.53*	
33 42 11 00-0521	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	119.54	27.67
		For Bituminous Coated Pipe, Add	*13.20*	
		For Bituminous Coated And 25% Paved, Add	*30.59*	
		For Smooth-Flo, Add	*61.83*	
33 42 11 00-0522	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	134.58	31.92
		For Bituminous Coated Pipe, Add	*14.84*	
		For Bituminous Coated And 25% Paved, Add	*34.38*	
		For Smooth-Flo, Add	*69.49*	
33 42 11 00-0523	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	160.45	36.18
		For Bituminous Coated Pipe, Add	*18.25*	
		For Bituminous Coated And 25% Paved, Add	*42.28*	
		For Smooth-Flo, Add	*85.46*	
33 42 11 00-0524		12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0502)*		
33 42 11 00-0525	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	58.16	11.93
		For Bituminous Coated Pipe, Add	*5.93*	
		For Bituminous Coated And 25% Paved, Add	*10.71*	
		For Smooth-Flo, Add	*20.58*	
33 42 11 00-0526	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	66.36	12.93
		For Bituminous Coated Pipe, Add	*7.01*	
		For Bituminous Coated And 25% Paved, Add	*12.66*	
		For Smooth-Flo, Add	*24.33*	
33 42 11 00-0527	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	74.02	12.93
		For Bituminous Coated Pipe, Add	*7.95*	
		For Bituminous Coated And 25% Paved, Add	*14.35*	
		For Smooth-Flo, Add	*27.58*	
33 42 11 00-0528	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	96.15	17.90
		For Bituminous Coated Pipe, Add	*10.10*	
		For Bituminous Coated And 25% Paved, Add	*18.25*	
		For Smooth-Flo, Add	*35.06*	
33 42 11 00-0529	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	123.15	23.42
		For Bituminous Coated Pipe, Add	*12.49*	
		For Bituminous Coated And 25% Paved, Add	*22.56*	
		For Smooth-Flo, Add	*43.36*	
33 42 11 00-0530	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	140.30	27.67
		For Bituminous Coated Pipe, Add	*14.64*	
		For Bituminous Coated And 25% Paved, Add	*26.44*	
		For Smooth-Flo, Add	*50.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0531	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	158.36	31.92
		For Bituminous Coated Pipe, Add	*16.53*	
		For Bituminous Coated And 25% Paved, Add	*29.85*	
		For Smooth-Flo, Add	*57.37*	
33 42 11 00-0532	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	186.71	36.18
		For Bituminous Coated Pipe, Add	*19.82*	
		For Bituminous Coated And 25% Paved, Add	*35.80*	
		For Smooth-Flo, Add	*68.79*	
33 42 11 00-0533	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	204.09	38.31
		For Bituminous Coated Pipe, Add	*21.71*	
		For Bituminous Coated And 25% Paved, Add	*39.20*	
		For Smooth-Flo, Add	*75.34*	
33 42 11 00-0534	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	247.15	46.82
		For Bituminous Coated Pipe, Add	*26.43*	
		For Bituminous Coated And 25% Paved, Add	*47.73*	
		For Smooth-Flo, Add	*91.72*	
33 42 11 00-0535		10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0502)*		
33 42 11 00-0536	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	139.96	23.42
		For Bituminous Coated Pipe, Add	*15.89*	
		For Bituminous Coated And 25% Paved, Add	*26.55*	
		For Smooth-Flo, Add	*37.88*	
33 42 11 00-0537	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	159.97	27.67
		For Bituminous Coated Pipe, Add	*18.62*	
		For Bituminous Coated And 25% Paved, Add	*31.10*	
		For Smooth-Flo, Add	*44.38*	
33 42 11 00-0538	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	180.69	31.92
		For Bituminous Coated Pipe, Add	*21.04*	
		For Bituminous Coated And 25% Paved, Add	*35.15*	
		For Smooth-Flo, Add	*50.16*	
33 42 11 00-0539	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	211.72	36.18
		For Bituminous Coated Pipe, Add	*24.92*	
		For Bituminous Coated And 25% Paved, Add	*41.63*	
		For Smooth-Flo, Add	*59.41*	
33 42 11 00-0540	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	231.93	38.31
		For Bituminous Coated Pipe, Add	*27.37*	
		For Bituminous Coated And 25% Paved, Add	*45.73*	
		For Smooth-Flo, Add	*65.24*	
33 42 11 00-0541	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	277.73	46.82
		For Bituminous Coated Pipe, Add	*32.74*	
		For Bituminous Coated And 25% Paved, Add	*54.70*	
		For Smooth-Flo, Add	*78.04*	
33 42 11 00-0542	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	335.19	68.10
		For Bituminous Coated Pipe, Add	*35.16*	
		For Bituminous Coated And 25% Paved, Add	*58.73*	
		For Smooth-Flo, Add	*83.80*	
33 42 11 00-0543		3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0501)*		
33 42 11 00-0544		16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0543)*		
33 42 11 00-0545	LF	36" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	111.71	23.42
		For Bituminous Coated Pipe, Add	*12.41*	
		For Bituminous Coated And 25% Paved, Add	*28.17*	
		For Smooth-Flo, Add	*56.09*	
33 42 11 00-0546	LF	42" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	127.04	27.67
		For Bituminous Coated Pipe, Add	*14.57*	
		For Bituminous Coated And 25% Paved, Add	*33.08*	
		For Smooth-Flo, Add	*65.87*	
33 42 11 00-0547	LF	48" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	142.84	31.92
		For Bituminous Coated Pipe, Add	*16.34*	
		For Bituminous Coated And 25% Paved, Add	*37.10*	
		For Smooth-Flo, Add	*73.87*	
33 42 11 00-0548	LF	54" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	169.93	36.18
		For Bituminous Coated Pipe, Add	*19.96*	
		For Bituminous Coated And 25% Paved, Add	*45.32*	
		For Smooth-Flo, Add	*90.24*	
33 42 11 00-0549	LF	60" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	185.15	38.31
		For Bituminous Coated Pipe, Add	*21.75*	
		For Bituminous Coated And 25% Paved, Add	*49.37*	
		For Smooth-Flo, Add	*98.31*	
33 42 11 00-0550	LF	66" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	231.38	46.82
		For Bituminous Coated Pipe, Add	*27.94*	
		For Bituminous Coated And 25% Paved, Add	*63.42*	
		For Smooth-Flo, Add	*126.28*	
33 42 11 00-0551	LF	72" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	284.34	68.10
		For Bituminous Coated Pipe, Add	*29.78*	
		For Bituminous Coated And 25% Paved, Add	*67.60*	
		For Smooth-Flo, Add	*134.61*	
33 42 11 00-0552	LF	78" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	307.13	74.49
		For Bituminous Coated Pipe, Add	*31.63*	
		For Bituminous Coated And 25% Paved, Add	*71.80*	
		For Smooth-Flo, Add	*142.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0553	LF	84" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	327.00	79.82
		For Bituminous Coated Pipe, Add	*33.48*	
		For Bituminous Coated And 25% Paved, Add	*75.99*	
		For Smooth-Flo, Add	*151.31*	
33 42 11 00-0554	LF	90" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	346.93	85.13
		For Bituminous Coated Pipe, Add	*35.33*	
		For Bituminous Coated And 25% Paved, Add	*80.20*	
		For Smooth-Flo, Add	*159.70*	
33 42 11 00-0555	LF	96" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	367.55	90.45
		For Bituminous Coated Pipe, Add	*37.17*	
		For Bituminous Coated And 25% Paved, Add	*84.38*	
		For Smooth-Flo, Add	*168.03*	
33 42 11 00-0556	LF	102" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	391.21	95.77
		For Bituminous Coated Pipe, Add	*39.04*	
		For Bituminous Coated And 25% Paved, Add	*88.61*	
		For Smooth-Flo, Add	*176.44*	
33 42 11 00-0557		14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0543)*		
33 42 11 00-0558	LF	54" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	185.66	36.18
		For Bituminous Coated Pipe, Add	*23.11*	
		For Bituminous Coated And 25% Paved, Add	*45.30*	
		For Smooth-Flo, Add	*91.52*	
33 42 11 00-0559	LF	60" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	202.56	38.31
		For Bituminous Coated Pipe, Add	*25.23*	
		For Bituminous Coated And 25% Paved, Add	*49.45*	
		For Smooth-Flo, Add	*99.92*	
33 42 11 00-0560	LF	66" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	250.53	46.82
		For Bituminous Coated Pipe, Add	*31.77*	
		For Bituminous Coated And 25% Paved, Add	*62.27*	
		For Smooth-Flo, Add	*125.80*	
33 42 11 00-0561	LF	72" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	305.20	68.10
		For Bituminous Coated Pipe, Add	*33.95*	
		For Bituminous Coated And 25% Paved, Add	*66.55*	
		For Smooth-Flo, Add	*134.45*	
33 42 11 00-0562	LF	78" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	329.66	74.49
		For Bituminous Coated Pipe, Add	*36.13*	
		For Bituminous Coated And 25% Paved, Add	*70.82*	
		For Smooth-Flo, Add	*143.09*	
33 42 11 00-0563	LF	84" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	351.32	79.82
		For Bituminous Coated Pipe, Add	*38.34*	
		For Bituminous Coated And 25% Paved, Add	*75.15*	
		For Smooth-Flo, Add	*151.83*	
33 42 11 00-0564	LF	90" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	372.88	85.13
		For Bituminous Coated Pipe, Add	*40.52*	
		For Bituminous Coated And 25% Paved, Add	*79.42*	
		For Smooth-Flo, Add	*160.47*	
33 42 11 00-0565	LF	96" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	395.21	90.45
		For Bituminous Coated Pipe, Add	*42.71*	
		For Bituminous Coated And 25% Paved, Add	*83.70*	
		For Smooth-Flo, Add	*169.12*	
33 42 11 00-0566	LF	102" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	420.55	95.77
		For Bituminous Coated Pipe, Add	*44.90*	
		For Bituminous Coated And 25% Paved, Add	*88.01*	
		For Smooth-Flo, Add	*177.82*	
33 42 11 00-0567	LF	108" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	448.34	106.42
		For Bituminous Coated Pipe, Add	*47.10*	
		For Bituminous Coated And 25% Paved, Add	*92.32*	
		For Smooth-Flo, Add	*186.52*	
33 42 11 00-0568	LF	114" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	475.48	117.06
		For Bituminous Coated Pipe, Add	*49.26*	
		For Bituminous Coated And 25% Paved, Add	*96.54*	
		For Smooth-Flo, Add	*195.05*	
33 42 11 00-0569		12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0543)*		
33 42 11 00-0570	LF	60" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	241.17	38.31
		For Bituminous Coated Pipe, Add	*32.95*	
		For Bituminous Coated And 25% Paved, Add	*62.78*	
		For Smooth-Flo, Add	*102.32*	
33 42 11 00-0571	LF	66" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	293.29	46.82
		For Bituminous Coated Pipe, Add	*40.32*	
		For Bituminous Coated And 25% Paved, Add	*76.81*	
		For Smooth-Flo, Add	*125.19*	
33 42 11 00-0572	LF	72" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	351.69	68.10
		For Bituminous Coated Pipe, Add	*43.25*	
		For Bituminous Coated And 25% Paved, Add	*82.39*	
		For Smooth-Flo, Add	*134.29*	
33 42 11 00-0573	LF	78" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	379.92	74.49
		For Bituminous Coated Pipe, Add	*46.19*	
		For Bituminous Coated And 25% Paved, Add	*87.98*	
		For Smooth-Flo, Add	*143.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0574	LF	84" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	405.31	79.82
		For Bituminous Coated Pipe, Add	*49.14*	
		For Bituminous Coated And 25% Paved, Add	*93.61*	
		For Smooth-Flo, Add	*152.57*	
33 42 11 00-0575	LF	90" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	430.64	85.13
		For Bituminous Coated Pipe, Add	*52.07*	
		For Bituminous Coated And 25% Paved, Add	*99.20*	
		For Smooth-Flo, Add	*161.69*	
33 42 11 00-0576	LF	96" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	456.77	90.45
		For Bituminous Coated Pipe, Add	*55.02*	
		For Bituminous Coated And 25% Paved, Add	*104.81*	
		For Smooth-Flo, Add	*170.83*	
33 42 11 00-0577	LF	102" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	485.87	95.77
		For Bituminous Coated Pipe, Add	*57.97*	
		For Bituminous Coated And 25% Paved, Add	*110.43*	
		For Smooth-Flo, Add	*179.99*	
33 42 11 00-0578	LF	108" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	517.37	106.42
		For Bituminous Coated Pipe, Add	*60.91*	
		For Bituminous Coated And 25% Paved, Add	*116.03*	
		For Smooth-Flo, Add	*189.11*	
33 42 11 00-0579	LF	114" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	548.31	117.06
		For Bituminous Coated Pipe, Add	*63.82*	
		For Bituminous Coated And 25% Paved, Add	*121.58*	
		For Smooth-Flo, Add	*198.17*	
33 42 11 00-0580	LF	120" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	578.10	127.70
		For Bituminous Coated Pipe, Add	*66.77*	
		For Bituminous Coated And 25% Paved, Add	*127.20*	
		For Smooth-Flo, Add	*207.33*	
33 42 11 00-0581		10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0543)*		
33 42 11 00-0582	LF	72" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	395.04	68.10
		For Bituminous Coated Pipe, Add	*51.92*	
		For Bituminous Coated And 25% Paved, Add	*98.65*	
		For Smooth-Flo, Add	*131.88*	
33 42 11 00-0583	LF	78" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	426.84	74.49
		For Bituminous Coated Pipe, Add	*55.57*	
		For Bituminous Coated And 25% Paved, Add	*105.58*	
		For Smooth-Flo, Add	*141.15*	
33 42 11 00-0584	LF	84" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	455.78	79.82
		For Bituminous Coated Pipe, Add	*59.23*	
		For Bituminous Coated And 25% Paved, Add	*112.54*	
		For Smooth-Flo, Add	*150.45*	
33 42 11 00-0585	LF	90" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	484.67	85.13
		For Bituminous Coated Pipe, Add	*62.88*	
		For Bituminous Coated And 25% Paved, Add	*119.47*	
		For Smooth-Flo, Add	*159.72*	
33 42 11 00-0586	LF	96" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	514.36	90.45
		For Bituminous Coated Pipe, Add	*66.54*	
		For Bituminous Coated And 25% Paved, Add	*126.42*	
		For Smooth-Flo, Add	*169.00*	
33 42 11 00-0587	LF	102" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	547.02	95.77
		For Bituminous Coated Pipe, Add	*70.20*	
		For Bituminous Coated And 25% Paved, Add	*133.38*	
		For Smooth-Flo, Add	*178.30*	
33 42 11 00-0588	LF	108" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	582.07	106.42
		For Bituminous Coated Pipe, Add	*73.85*	
		For Bituminous Coated And 25% Paved, Add	*140.31*	
		For Smooth-Flo, Add	*187.57*	
33 42 11 00-0589	LF	114" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	616.53	117.06
		For Bituminous Coated Pipe, Add	*77.47*	
		For Bituminous Coated And 25% Paved, Add	*147.19*	
		For Smooth-Flo, Add	*196.76*	
33 42 11 00-0590	LF	120" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	649.92	127.70
		For Bituminous Coated Pipe, Add	*81.14*	
		For Bituminous Coated And 25% Paved, Add	*154.16*	
		For Smooth-Flo, Add	*206.09*	
33 42 11 00-0591	LF	126" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	685.23	138.34
		For Bituminous Coated Pipe, Add	*84.77*	
		For Bituminous Coated And 25% Paved, Add	*161.06*	
		For Smooth-Flo, Add	*215.32*	
33 42 11 00-0592	LF	132" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	723.27	148.99
		For Bituminous Coated Pipe, Add	*88.43*	
		For Bituminous Coated And 25% Paved, Add	*168.02*	
		For Smooth-Flo, Add	*224.62*	
33 42 11 00-0593	LF	138" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	764.56	159.62
		For Bituminous Coated Pipe, Add	*92.10*	
		For Bituminous Coated And 25% Paved, Add	*174.99*	
		For Smooth-Flo, Add	*233.94*	
33 42 11 00-0594		125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0501)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 42 11 00-0595 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0594)*

33 42 11 00-0596	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	143.29	31.92
		For Bituminous Coated Pipe, Add	*20.54*	
		For Bituminous Coated And 25% Paved, Add	*46.84*	
		For Smooth-Flo, Add	*74.36*	
33 42 11 00-0597	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	170.81	36.18
		For Bituminous Coated Pipe, Add	*25.18*	
		For Bituminous Coated And 25% Paved, Add	*57.40*	
		For Smooth-Flo, Add	*91.13*	
33 42 11 00-0598	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	185.92	38.31
		For Bituminous Coated Pipe, Add	*27.38*	
		For Bituminous Coated And 25% Paved, Add	*62.43*	
		For Smooth-Flo, Add	*99.12*	
33 42 11 00-0599	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	229.57	46.82
		For Bituminous Coated Pipe, Add	*34.47*	
		For Bituminous Coated And 25% Paved, Add	*78.59*	
		For Smooth-Flo, Add	*124.78*	
33 42 11 00-0600	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	282.32	68.10
		For Bituminous Coated Pipe, Add	*36.72*	
		For Bituminous Coated And 25% Paved, Add	*83.72*	
		For Smooth-Flo, Add	*132.93*	
33 42 11 00-0601	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	304.83	74.49
		For Bituminous Coated Pipe, Add	*38.96*	
		For Bituminous Coated And 25% Paved, Add	*88.83*	
		For Smooth-Flo, Add	*141.04*	
33 42 11 00-0602	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	324.39	79.82
		For Bituminous Coated Pipe, Add	*41.19*	
		For Bituminous Coated And 25% Paved, Add	*93.92*	
		For Smooth-Flo, Add	*149.12*	
33 42 11 00-0603	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	343.93	85.13
		For Bituminous Coated Pipe, Add	*43.42*	
		For Bituminous Coated And 25% Paved, Add	*98.99*	
		For Smooth-Flo, Add	*157.16*	
33 42 11 00-0604	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	364.38	90.45
		For Bituminous Coated Pipe, Add	*45.68*	
		For Bituminous Coated And 25% Paved, Add	*104.14*	
		For Smooth-Flo, Add	*165.34*	
33 42 11 00-0605	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	387.97	95.77
		For Bituminous Coated Pipe, Add	*47.99*	
		For Bituminous Coated And 25% Paved, Add	*109.41*	
		For Smooth-Flo, Add	*173.71*	

33 42 11 00-0606 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0594)*

33 42 11 00-0607	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	190.48	36.18
		For Bituminous Coated Pipe, Add	*24.07*	
		For Bituminous Coated And 25% Paved, Add	*56.57*	
		For Smooth-Flo, Add	*102.43*	
33 42 11 00-0608	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	207.79	38.31
		For Bituminous Coated Pipe, Add	*26.28*	
		For Bituminous Coated And 25% Paved, Add	*61.75*	
		For Smooth-Flo, Add	*111.81*	
33 42 11 00-0609	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	253.42	46.82
		For Bituminous Coated Pipe, Add	*32.35*	
		For Bituminous Coated And 25% Paved, Add	*76.01*	
		For Smooth-Flo, Add	*137.63*	
33 42 11 00-0610	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	308.09	68.10
		For Bituminous Coated Pipe, Add	*34.53*	
		For Bituminous Coated And 25% Paved, Add	*81.15*	
		For Smooth-Flo, Add	*146.93*	
33 42 11 00-0611	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	332.94	74.49
		For Bituminous Coated Pipe, Add	*36.79*	
		For Bituminous Coated And 25% Paved, Add	*86.46*	
		For Smooth-Flo, Add	*156.54*	
33 42 11 00-0612	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	354.70	79.82
		For Bituminous Coated Pipe, Add	*39.02*	
		For Bituminous Coated And 25% Paved, Add	*91.69*	
		For Smooth-Flo, Add	*166.01*	
33 42 11 00-0613	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	375.32	85.13
		For Bituminous Coated Pipe, Add	*41.01*	
		For Bituminous Coated And 25% Paved, Add	*96.37*	
		For Smooth-Flo, Add	*174.50*	
33 42 11 00-0614	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	398.94	90.45
		For Bituminous Coated Pipe, Add	*43.45*	
		For Bituminous Coated And 25% Paved, Add	*102.11*	
		For Smooth-Flo, Add	*184.89*	
33 42 11 00-0615	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	424.38	95.77
		For Bituminous Coated Pipe, Add	*45.67*	
		For Bituminous Coated And 25% Paved, Add	*107.32*	
		For Smooth-Flo, Add	*194.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0616	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	452.18	106.42
		For Bituminous Coated Pipe, Add	*47.87*	
		For Bituminous Coated And 25% Paved, Add	*112.49*	
		For Smooth-Flo, Add	*203.68*	
33 42 11 00-0617	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	479.81	117.06
		For Bituminous Coated Pipe, Add	*50.12*	
		For Bituminous Coated And 25% Paved, Add	*117.79*	
		For Smooth-Flo, Add	*213.27*	
33 42 11 00-0618		12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0594)*		
33 42 11 00-0619	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	248.74	38.31
		For Bituminous Coated Pipe, Add	*34.47*	
		For Bituminous Coated And 25% Paved, Add	*65.49*	
		For Smooth-Flo, Add	*118.23*	
33 42 11 00-0620	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	298.52	46.82
		For Bituminous Coated Pipe, Add	*41.37*	
		For Bituminous Coated And 25% Paved, Add	*78.60*	
		For Smooth-Flo, Add	*141.89*	
33 42 11 00-0621	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	357.48	68.10
		For Bituminous Coated Pipe, Add	*44.41*	
		For Bituminous Coated And 25% Paved, Add	*84.38*	
		For Smooth-Flo, Add	*152.32*	
33 42 11 00-0622	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	386.13	74.49
		For Bituminous Coated Pipe, Add	*47.43*	
		For Bituminous Coated And 25% Paved, Add	*90.11*	
		For Smooth-Flo, Add	*162.68*	
33 42 11 00-0623	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	411.73	79.82
		For Bituminous Coated Pipe, Add	*50.42*	
		For Bituminous Coated And 25% Paved, Add	*95.80*	
		For Smooth-Flo, Add	*172.95*	
33 42 11 00-0624	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	437.55	85.13
		For Bituminous Coated Pipe, Add	*53.46*	
		For Bituminous Coated And 25% Paved, Add	*101.57*	
		For Smooth-Flo, Add	*183.35*	
33 42 11 00-0625	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	464.03	90.45
		For Bituminous Coated Pipe, Add	*56.47*	
		For Bituminous Coated And 25% Paved, Add	*107.29*	
		For Smooth-Flo, Add	*193.69*	
33 42 11 00-0626	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	493.41	95.77
		For Bituminous Coated Pipe, Add	*59.48*	
		For Bituminous Coated And 25% Paved, Add	*113.00*	
		For Smooth-Flo, Add	*204.00*	
33 42 11 00-0627	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	525.39	106.42
		For Bituminous Coated Pipe, Add	*62.51*	
		For Bituminous Coated And 25% Paved, Add	*118.77*	
		For Smooth-Flo, Add	*214.41*	
33 42 11 00-0628	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	556.82	117.06
		For Bituminous Coated Pipe, Add	*65.52*	
		For Bituminous Coated And 25% Paved, Add	*124.50*	
		For Smooth-Flo, Add	*224.75*	
33 42 11 00-0629	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	586.93	127.70
		For Bituminous Coated Pipe, Add	*68.54*	
		For Bituminous Coated And 25% Paved, Add	*130.22*	
		For Smooth-Flo, Add	*235.09*	
33 42 11 00-0630		10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0594)*		
33 42 11 00-0631	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	404.78	68.10
		For Bituminous Coated Pipe, Add	*53.87*	
		For Bituminous Coated And 25% Paved, Add	*102.35*	
		For Smooth-Flo, Add	*160.80*	
33 42 11 00-0632	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	437.82	74.49
		For Bituminous Coated Pipe, Add	*57.77*	
		For Bituminous Coated And 25% Paved, Add	*109.76*	
		For Smooth-Flo, Add	*172.43*	
33 42 11 00-0633	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	467.53	79.82
		For Bituminous Coated Pipe, Add	*61.58*	
		For Bituminous Coated And 25% Paved, Add	*117.01*	
		For Smooth-Flo, Add	*183.82*	
33 42 11 00-0634	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	497.09	85.13
		For Bituminous Coated Pipe, Add	*65.36*	
		For Bituminous Coated And 25% Paved, Add	*124.19*	
		For Smooth-Flo, Add	*195.11*	
33 42 11 00-0635	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	527.61	90.45
		For Bituminous Coated Pipe, Add	*69.19*	
		For Bituminous Coated And 25% Paved, Add	*131.45*	
		For Smooth-Flo, Add	*206.52*	
33 42 11 00-0636	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	560.90	95.77
		For Bituminous Coated Pipe, Add	*72.97*	
		For Bituminous Coated And 25% Paved, Add	*138.65*	
		For Smooth-Flo, Add	*217.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0637	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	596.79	106.42
		For Bituminous Coated Pipe, Add	*76.79*	
		For Bituminous Coated And 25% Paved, Add	*145.90*	
		For Smooth-Flo, Add	*229.22*	
33 42 11 00-0638	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	632.19	117.06
		For Bituminous Coated Pipe, Add	*80.60*	
		For Bituminous Coated And 25% Paved, Add	*153.14*	
		For Smooth-Flo, Add	*240.59*	
33 42 11 00-0639	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	666.17	127.70
		For Bituminous Coated Pipe, Add	*84.39*	
		For Bituminous Coated And 25% Paved, Add	*160.33*	
		For Smooth-Flo, Add	*251.89*	
33 42 11 00-0640	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	708.32	138.34
		For Bituminous Coated Pipe, Add	*89.39*	
		For Bituminous Coated And 25% Paved, Add	*169.84*	
		For Smooth-Flo, Add	*266.82*	
33 42 11 00-0641	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	748.66	148.99
		For Bituminous Coated Pipe, Add	*93.51*	
		For Bituminous Coated And 25% Paved, Add	*177.67*	
		For Smooth-Flo, Add	*279.13*	
33 42 11 00-0642	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	793.02	159.62
		For Bituminous Coated Pipe, Add	*97.79*	
		For Bituminous Coated And 25% Paved, Add	*185.81*	
		For Smooth-Flo, Add	*291.92*	

33 42 11 00-0643 Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0501)*

33 42 11 00-0644 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0643)*

33 42 11 00-0645	LF	18" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	50.45	11.93
		For Bituminous Coated Pipe, Add	*6.33*	
33 42 11 00-0646	LF	21" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	57.50	12.93
		For Bituminous Coated Pipe, Add	*7.54*	
33 42 11 00-0647	LF	24" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	64.04	13.93
		For Bituminous Coated Pipe, Add	*8.57*	
33 42 11 00-0648	LF	30" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	84.09	17.90
		For Bituminous Coated Pipe, Add	*11.04*	
33 42 11 00-0649	LF	36" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	109.02	23.42
		For Bituminous Coated Pipe, Add	*13.83*	
33 42 11 00-0650	LF	42" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	124.18	27.67
		For Bituminous Coated Pipe, Add	*16.31*	
33 42 11 00-0651	LF	48" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	139.91	31.92
		For Bituminous Coated Pipe, Add	*18.36*	
33 42 11 00-0652	LF	54" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	166.62	36.18
		For Bituminous Coated Pipe, Add	*22.49*	
33 42 11 00-0653	LF	60" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	181.77	38.31
		For Bituminous Coated Pipe, Add	*24.55*	

33 42 11 00-0654 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0643)*

33 42 11 00-0655	LF	18" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	54.98	11.93
		For Bituminous Coated Pipe, Add	*7.32*	
33 42 11 00-0656	LF	21" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	62.80	12.93
		For Bituminous Coated Pipe, Add	*8.70*	
33 42 11 00-0657	LF	24" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	70.08	13.93
		For Bituminous Coated Pipe, Add	*9.89*	
33 42 11 00-0658	LF	30" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	91.58	17.90
		For Bituminous Coated Pipe, Add	*12.67*	
33 42 11 00-0659	LF	36" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	118.06	23.42
		For Bituminous Coated Pipe, Add	*15.80*	
33 42 11 00-0660	LF	42" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	134.75	27.67
		For Bituminous Coated Pipe, Add	*18.61*	
33 42 11 00-0661	LF	48" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	151.98	31.92
		For Bituminous Coated Pipe, Add	*20.99*	
33 42 11 00-0662	LF	54" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	180.19	36.18
		For Bituminous Coated Pipe, Add	*25.43*	
33 42 11 00-0663	LF	60" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	196.87	38.31
		For Bituminous Coated Pipe, Add	*27.83*	
33 42 11 00-0664	LF	66" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	241.36	46.82
		For Bituminous Coated Pipe, Add	*34.57*	
33 42 11 00-0665	LF	72" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	295.36	68.10
		For Bituminous Coated Pipe, Add	*36.94*	
33 42 11 00-0666	LF	78" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	319.34	74.49
		For Bituminous Coated Pipe, Add	*39.35*	

33 42 11 00-0667 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0643)*

33 42 11 00-0668	LF	30" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	106.79	17.90
		For Bituminous Coated Pipe, Add	*13.24*	
33 42 11 00-0669	LF	36" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	136.23	23.42
		For Bituminous Coated Pipe, Add	*16.36*	
33 42 11 00-0670	LF	42" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	156.03	27.67
		For Bituminous Coated Pipe, Add	*19.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0671	LF	48" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	176.26	31.92
		For Bituminous Coated Pipe, Add	*21.76*	
33 42 11 00-0672	LF	54" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	207.53	36.18
		For Bituminous Coated Pipe, Add	*25.97*	
33 42 11 00-0673	LF	60" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	227.29	38.31
		For Bituminous Coated Pipe, Add	*28.52*	
33 42 11 00-0674	LF	66" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	274.73	46.82
		For Bituminous Coated Pipe, Add	*34.59*	
33 42 11 00-0675	LF	72" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	331.74	68.10
		For Bituminous Coated Pipe, Add	*37.10*	
33 42 11 00-0676	LF	78" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	358.72	74.49
		For Bituminous Coated Pipe, Add	*39.64*	
33 42 11 00-0677	LF	84" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	382.71	79.82
		For Bituminous Coated Pipe, Add	*42.16*	
33 42 11 00-0678	LF	90" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	406.68	85.13
		For Bituminous Coated Pipe, Add	*44.68*	
33 42 11 00-0679	LF	96" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	431.41	90.45
		For Bituminous Coated Pipe, Add	*47.20*	
33 42 11 00-0680	LF	102" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	457.62	95.77
		For Bituminous Coated Pipe, Add	*49.44*	

33 42 11 00-0681 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0501)*

33 42 11 00-0682 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0681)*

33 42 11 00-0683	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	18.53	5.96
		For Bituminous Coated Pipe, Add	*1.62*	
33 42 11 00-0684	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	19.88	5.96
		For Bituminous Coated Pipe, Add	*1.95*	
33 42 11 00-0685	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	23.21	7.46
		For Bituminous Coated Pipe, Add	*2.14*	
33 42 11 00-0686	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	24.92	7.46
		For Bituminous Coated Pipe, Add	*2.56*	
33 42 11 00-0687	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	29.34	8.95
		For Bituminous Coated Pipe, Add	*2.69*	
33 42 11 00-0688	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	31.51	8.95
		For Bituminous Coated Pipe, Add	*3.22*	

33 42 11 00-0689 Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0681)*

33 42 11 00-0690	LF	6" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	18.72	5.96
		For Bituminous Coated Pipe, Add	*1.60*	
33 42 11 00-0691	LF	6" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	20.03	5.96
		For Bituminous Coated Pipe, Add	*1.90*	
33 42 11 00-0692	LF	8" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	23.40	7.46
		For Bituminous Coated Pipe, Add	*2.10*	
33 42 11 00-0693	LF	8" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	25.22	7.46
		For Bituminous Coated Pipe, Add	*2.53*	
33 42 11 00-0694	LF	10" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	29.66	8.95
		For Bituminous Coated Pipe, Add	*2.66*	
33 42 11 00-0695	LF	10" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	31.89	8.95
		For Bituminous Coated Pipe, Add	*3.18*	

33 42 11 00-0696 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe Fittings *(33 42 11 00-0681)*

33 42 11 00-0697	EA	6" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	9.99	
		For Bituminous Coated Pipe, Add	*2.25*	
33 42 11 00-0698	EA	8" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	13.23	
		For Bituminous Coated Pipe, Add	*2.98*	
33 42 11 00-0699	EA	10" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	16.22	
		For Bituminous Coated Pipe, Add	*3.65*	
33 42 11 00-0700	EA	6" 18 Gauge, Band Elbows For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	36.04	
		For Bituminous Coated Pipe, Add	*4.97*	
33 42 11 00-0701	EA	6" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	8.78	
		For Bituminous Coated Pipe, Add	*1.14*	
33 42 11 00-0702	EA	8" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	10.98	
		For Bituminous Coated Pipe, Add	*1.70*	

33 42 11 00-0703 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0501)*

33 42 11 00-0704 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0703)*

33 42 11 00-0705	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	55.41	10.44
33 42 11 00-0706	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	64.93	10.94
33 42 11 00-0707	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	74.76	11.93
33 42 11 00-0708	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	86.67	12.93
33 42 11 00-0709	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	96.59	13.93
33 42 11 00-0710	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	126.56	17.90
33 42 11 00-0711	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	163.06	23.42
33 42 11 00-0712	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	188.33	27.67
33 42 11 00-0713	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	211.40	31.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0714		**14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0703)*		
33 42 11 00-0715	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	62.71	10.44
33 42 11 00-0716	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	73.97	10.94
33 42 11 00-0717	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	85.59	11.93
33 42 11 00-0718	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	99.21	12.93
33 42 11 00-0719	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	111.16	13.93
33 42 11 00-0720	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	144.44	17.90
33 42 11 00-0721	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	184.64	23.42
33 42 11 00-0722	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	213.10	27.67
33 42 11 00-0723	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	239.67	31.92
33 42 11 00-0724	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	289.72	36.18
33 42 11 00-0725		**12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0703)*		
33 42 11 00-0726	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	108.16	11.93
33 42 11 00-0727	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	125.57	12.93
33 42 11 00-0728	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	141.12	13.93
33 42 11 00-0729	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	181.87	17.90
33 42 11 00-0730	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	220.38	23.42
33 42 11 00-0731	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	265.46	27.67
33 42 11 00-0732	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	299.43	31.92
33 42 11 00-0733	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	357.90	36.18
33 42 11 00-0734	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	391.06	38.31
33 42 11 00-0735	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	478.73	46.82
33 42 11 00-0736		**10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0703)*		
33 42 11 00-0737	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	270.59	23.42
33 42 11 00-0738	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	313.16	27.67
33 42 11 00-0739	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	353.61	31.92
33 42 11 00-0740	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	418.60	36.18
33 42 11 00-0741	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	458.63	38.31
33 42 11 00-0742	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	552.94	46.82
33 42 11 00-0743	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	629.96	68.10
33 42 11 00-0744		**3" x 1" Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0501)*		
33 42 11 00-0745		**16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0744)*		
33 42 11 00-0746	LF	36" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	204.50	23.42
33 42 11 00-0747	LF	42" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	236.11	27.67
33 42 11 00-0748	LF	48" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	264.97	31.92
33 42 11 00-0749	LF	54" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	320.19	36.18
33 42 11 00-0750	LF	60" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	348.64	38.31
33 42 11 00-0751	LF	66" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	443.21	46.82
33 42 11 00-0752	LF	72" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	509.84	68.10
33 42 11 00-0753	LF	78" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	546.26	74.49
33 42 11 00-0754	LF	84" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	579.84	79.82
33 42 11 00-0755	LF	90" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	613.47	85.13
33 42 11 00-0756	LF	96" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	647.74	90.45
33 42 11 00-0757	LF	102" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	685.17	95.77
33 42 11 00-0758		**14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0744)*		
33 42 11 00-0759	LF	54" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	359.21	36.18
33 42 11 00-0760	LF	60" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	391.77	38.31
33 42 11 00-0761	LF	66" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	490.72	46.82
33 42 11 00-0762	LF	72" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	561.51	68.10
33 42 11 00-0763	LF	78" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	602.15	74.49
33 42 11 00-0764	LF	84" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	640.11	79.82
33 42 11 00-0765	LF	90" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	677.83	85.13
33 42 11 00-0766	LF	96" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	716.30	90.45
33 42 11 00-0767	LF	102" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	757.98	95.77
33 42 11 00-0768	LF	108" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	802.00	106.42
33 42 11 00-0769	LF	114" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	845.08	117.06
33 42 11 00-0770		**12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0744)*		
33 42 11 00-0771	LF	60" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	489.90	38.31
33 42 11 00-0772	LF	66" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	599.88	46.82
33 42 11 00-0773	LF	72" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	680.14	68.10
33 42 11 00-0774	LF	78" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	730.29	74.49
33 42 11 00-0775	LF	84" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	777.71	79.82
33 42 11 00-0776	LF	90" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	824.96	85.13
33 42 11 00-0777	LF	96" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	873.02	90.45
33 42 11 00-0778	LF	102" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	924.15	95.77
33 42 11 00-0779	LF	108" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	977.56	106.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0780	LF	114" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,030.29	117.06
33 42 11 00-0781	LF	120" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,082.12	127.70
33 42 11 00-0782		10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0744)*		
33 42 11 00-0783	LF	72" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	788.23	68.10
33 42 11 00-0784	LF	78" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	847.19	74.49
33 42 11 00-0785	LF	84" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	903.49	79.82
33 42 11 00-0786	LF	90" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	959.58	85.13
33 42 11 00-0787	LF	96" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,016.54	90.45
33 42 11 00-0788	LF	102" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,076.53	95.77
33 42 11 00-0789	LF	108" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,138.83	106.42
33 42 11 00-0790	LF	114" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,200.38	117.06
33 42 11 00-0791	LF	120" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,261.08	127.70
33 42 11 00-0792	LF	126" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,323.54	138.34
33 42 11 00-0793	LF	132" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,388.92	148.99
33 42 11 00-0794	LF	138" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,457.55	159.62
33 42 11 00-0795		125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0501)*		
33 42 11 00-0796		16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0795)*		
33 42 11 00-0797	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	256.56	31.92
33 42 11 00-0798	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	310.93	36.18
33 42 11 00-0799	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	338.03	38.31
33 42 11 00-0800	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	423.49	46.82
33 42 11 00-0801	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	488.51	68.10
33 42 11 00-0802	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	523.25	74.49
33 42 11 00-0803	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	554.93	79.82
33 42 11 00-0804	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	586.55	85.13
33 42 11 00-0805	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	619.24	90.45
33 42 11 00-0806	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	655.49	95.77
33 42 11 00-0807		14 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0795)*		
33 42 11 00-0808	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	357.28	36.18
33 42 11 00-0809	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	389.65	38.31
33 42 11 00-0810	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	479.79	46.82
33 42 11 00-0811	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	549.35	68.10
33 42 11 00-0812	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	589.58	74.49
33 42 11 00-0813	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	626.42	79.82
33 42 11 00-0814	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	660.63	85.13
33 42 11 00-0815	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	700.84	90.45
33 42 11 00-0816	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	741.40	95.77
33 42 11 00-0817	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	784.11	106.42
33 42 11 00-0818	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	827.06	117.06
33 42 11 00-0819		12 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0795)*		
33 42 11 00-0820	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	493.12	38.31
33 42 11 00-0821	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	594.26	46.82
33 42 11 00-0822	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	674.63	68.10
33 42 11 00-0823	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	724.37	74.49
33 42 11 00-0824	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	770.91	79.82
33 42 11 00-0825	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	818.04	85.13
33 42 11 00-0826	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	865.64	90.45
33 42 11 00-0827	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	916.05	95.77
33 42 11 00-0828	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	969.32	106.42
33 42 11 00-0829	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,021.87	117.06
33 42 11 00-0830	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,073.07	127.70
33 42 11 00-0831		10 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0795)*		
33 42 11 00-0832	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	788.19	68.10
33 42 11 00-0833	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	848.49	74.49
33 42 11 00-0834	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	904.99	79.82
33 42 11 00-0835	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	961.04	85.13
33 42 11 00-0836	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,018.27	90.45
33 42 11 00-0837	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,078.17	95.77
33 42 11 00-0838	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,140.73	106.42
33 42 11 00-0839	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,202.81	117.06
33 42 11 00-0840	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,263.38	127.70
33 42 11 00-0841	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,340.54	138.34
33 42 11 00-0842	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,409.81	148.99
33 42 11 00-0843	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,484.15	159.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0844		Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0500)*		
33 42 11 00-0845		2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0844)*		
33 42 11 00-0846		16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0845)*		
33 42 11 00-0847	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	40.95	10.94
		For Bituminous Coated Pipe, Add	*4.60*	
		For Bituminous Coated And 25% Paved, Add	*11.13*	
		For Smooth-Flo, Add	*18.36*	
33 42 11 00-0848	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	45.36	11.93
		For Bituminous Coated Pipe, Add	*5.50*	
		For Bituminous Coated And 25% Paved, Add	*13.29*	
		For Smooth-Flo, Add	*21.93*	
33 42 11 00-0849	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	51.71	12.93
		For Bituminous Coated Pipe, Add	*6.62*	
		For Bituminous Coated And 25% Paved, Add	*16.00*	
		For Smooth-Flo, Add	*26.39*	
33 42 11 00-0850	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	57.90	13.93
		For Bituminous Coated Pipe, Add	*7.62*	
		For Bituminous Coated And 25% Paved, Add	*18.43*	
		For Smooth-Flo, Add	*30.41*	
33 42 11 00-0851	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	75.61	17.90
		For Bituminous Coated Pipe, Add	*9.68*	
		For Bituminous Coated And 25% Paved, Add	*23.41*	
		For Smooth-Flo, Add	*38.62*	
33 42 11 00-0852	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	99.82	23.42
		For Bituminous Coated Pipe, Add	*12.49*	
		For Bituminous Coated And 25% Paved, Add	*30.20*	
		For Smooth-Flo, Add	*49.81*	
33 42 11 00-0853		14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0845)*		
33 42 11 00-0854	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	44.68	10.94
		For Bituminous Coated Pipe, Add	*4.78*	
		For Bituminous Coated And 25% Paved, Add	*11.18*	
		For Smooth-Flo, Add	*18.33*	
33 42 11 00-0855	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	49.93	11.93
		For Bituminous Coated Pipe, Add	*5.73*	
		For Bituminous Coated And 25% Paved, Add	*13.40*	
		For Smooth-Flo, Add	*21.99*	
33 42 11 00-0856	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	56.80	12.93
		For Bituminous Coated Pipe, Add	*6.81*	
		For Bituminous Coated And 25% Paved, Add	*15.93*	
		For Smooth-Flo, Add	*26.13*	
33 42 11 00-0857	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	63.80	13.93
		For Bituminous Coated Pipe, Add	*7.85*	
		For Bituminous Coated And 25% Paved, Add	*18.37*	
		For Smooth-Flo, Add	*30.13*	
33 42 11 00-0858	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	82.97	17.90
		For Bituminous Coated Pipe, Add	*9.94*	
		For Bituminous Coated And 25% Paved, Add	*23.26*	
		For Smooth-Flo, Add	*38.16*	
33 42 11 00-0859	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	108.57	23.42
		For Bituminous Coated Pipe, Add	*12.67*	
		For Bituminous Coated And 25% Paved, Add	*29.63*	
		For Smooth-Flo, Add	*48.60*	
33 42 11 00-0860	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	124.36	27.67
		For Bituminous Coated Pipe, Add	*15.09*	
		For Bituminous Coated And 25% Paved, Add	*35.30*	
		For Smooth-Flo, Add	*57.90*	
33 42 11 00-0861		12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0845)*		
33 42 11 00-0862	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	64.89	12.77
		For Bituminous Coated Pipe, Add	*6.20*	
		For Bituminous Coated And 25% Paved, Add	*13.79*	
		For Smooth-Flo, Add	*21.21*	
33 42 11 00-0863	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	73.85	13.83
		For Bituminous Coated Pipe, Add	*7.35*	
		For Bituminous Coated And 25% Paved, Add	*16.35*	
		For Smooth-Flo, Add	*25.15*	
33 42 11 00-0864	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	82.78	14.90
		For Bituminous Coated Pipe, Add	*8.43*	
		For Bituminous Coated And 25% Paved, Add	*18.76*	
		For Smooth-Flo, Add	*28.85*	
33 42 11 00-0865	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	107.19	19.15
		For Bituminous Coated Pipe, Add	*10.61*	
		For Bituminous Coated And 25% Paved, Add	*23.62*	
		For Smooth-Flo, Add	*36.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0866	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	126.43	23.42
		For Bituminous Coated Pipe, Add	*13.28*	
		For Bituminous Coated And 25% Paved, Add	*29.56*	
		For Smooth-Flo, Add	*45.45*	
33 42 11 00-0867	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	144.97	27.67
		For Bituminous Coated Pipe, Add	*15.71*	
		For Bituminous Coated And 25% Paved, Add	*34.95*	
		For Smooth-Flo, Add	*53.75*	
33 42 11 00-0868	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	168.79	31.92
		For Bituminous Coated Pipe, Add	*18.63*	
		For Bituminous Coated And 25% Paved, Add	*41.45*	
		For Smooth-Flo, Add	*63.74*	
33 42 11 00-0869	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	189.01	36.18
		For Bituminous Coated Pipe, Add	*20.57*	
		For Bituminous Coated And 25% Paved, Add	*45.78*	
		For Smooth-Flo, Add	*70.39*	
33 42 11 00-0870		**10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch** *(33 42 11 00-0845)*		
33 42 11 00-0871	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	143.24	23.42
		For Bituminous Coated Pipe, Add	*16.00*	
		For Bituminous Coated And 25% Paved, Add	*33.69*	
		For Smooth-Flo, Add	*42.49*	
33 42 11 00-0872	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	164.57	27.67
		For Bituminous Coated Pipe, Add	*18.88*	
		For Bituminous Coated And 25% Paved, Add	*39.74*	
		For Smooth-Flo, Add	*50.12*	
33 42 11 00-0873	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	191.01	31.92
		For Bituminous Coated Pipe, Add	*22.21*	
		For Bituminous Coated And 25% Paved, Add	*46.76*	
		For Smooth-Flo, Add	*58.97*	
33 42 11 00-0874	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	214.13	36.18
		For Bituminous Coated Pipe, Add	*24.63*	
		For Bituminous Coated And 25% Paved, Add	*51.85*	
		For Smooth-Flo, Add	*65.39*	
33 42 11 00-0875	LF	71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	234.51	38.31
		For Bituminous Coated Pipe, Add	*27.04*	
		For Bituminous Coated And 25% Paved, Add	*56.92*	
		For Smooth-Flo, Add	*71.78*	
33 42 11 00-0876		**3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch** *(33 42 11 00-0844)*		
33 42 11 00-0877		**14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch** *(33 42 11 00-0876)*		
33 42 11 00-0878	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	188.77	36.18
		For Bituminous Coated Pipe, Add	*23.73*	
		For Bituminous Coated And 25% Paved, Add	*72.15*	
		For Smooth-Flo, Add	*80.69*	
33 42 11 00-0879	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	206.25	38.31
		For Bituminous Coated Pipe, Add	*25.97*	
		For Bituminous Coated And 25% Paved, Add	*78.95*	
		For Smooth-Flo, Add	*88.30*	
33 42 11 00-0880	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	254.78	46.82
		For Bituminous Coated Pipe, Add	*32.62*	
		For Bituminous Coated And 25% Paved, Add	*99.16*	
		For Smooth-Flo, Add	*110.90*	
33 42 11 00-0881	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	310.29	68.10
		For Bituminous Coated Pipe, Add	*34.97*	
		For Bituminous Coated And 25% Paved, Add	*106.31*	
		For Smooth-Flo, Add	*118.90*	
33 42 11 00-0882	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	336.19	74.49
		For Bituminous Coated Pipe, Add	*37.44*	
		For Bituminous Coated And 25% Paved, Add	*113.82*	
		For Smooth-Flo, Add	*127.30*	
33 42 11 00-0883	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	359.23	79.82
		For Bituminous Coated Pipe, Add	*39.92*	
		For Bituminous Coated And 25% Paved, Add	*121.36*	
		For Smooth-Flo, Add	*135.73*	
33 42 11 00-0884	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	382.23	85.13
		For Bituminous Coated Pipe, Add	*42.39*	
		For Bituminous Coated And 25% Paved, Add	*128.87*	
		For Smooth-Flo, Add	*144.13*	
33 42 11 00-0885	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	405.95	90.45
		For Bituminous Coated Pipe, Add	*44.85*	
		For Bituminous Coated And 25% Paved, Add	*136.36*	
		For Smooth-Flo, Add	*152.50*	
33 42 11 00-0886		**12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch** *(33 42 11 00-0876)*		
33 42 11 00-0887	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	244.90	38.31
		For Bituminous Coated Pipe, Add	*33.70*	
		For Bituminous Coated And 25% Paved, Add	*88.29*	
		For Smooth-Flo, Add	*104.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0888	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	297.65	46.82
		For Bituminous Coated Pipe, Add	*41.19*	
		For Bituminous Coated And 25% Paved, Add	*107.92*	
		For Smooth-Flo, Add	*127.70*	
33 42 11 00-0889	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	356.96	68.10
		For Bituminous Coated Pipe, Add	*44.30*	
		For Bituminous Coated And 25% Paved, Add	*116.08*	
		For Smooth-Flo, Add	*137.34*	
33 42 11 00-0890	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	386.62	74.49
		For Bituminous Coated Pipe, Add	*47.53*	
		For Bituminous Coated And 25% Paved, Add	*124.52*	
		For Smooth-Flo, Add	*147.33*	
33 42 11 00-0891	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	413.43	79.82
		For Bituminous Coated Pipe, Add	*50.76*	
		For Bituminous Coated And 25% Paved, Add	*133.00*	
		For Smooth-Flo, Add	*157.36*	
33 42 11 00-0892	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	440.23	85.13
		For Bituminous Coated Pipe, Add	*53.99*	
		For Bituminous Coated And 25% Paved, Add	*141.46*	
		For Smooth-Flo, Add	*167.38*	
33 42 11 00-0893	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	467.72	90.45
		For Bituminous Coated Pipe, Add	*57.21*	
		For Bituminous Coated And 25% Paved, Add	*149.88*	
		For Smooth-Flo, Add	*177.34*	
33 42 11 00-0894	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	498.33	95.77
		For Bituminous Coated Pipe, Add	*60.46*	
		For Bituminous Coated And 25% Paved, Add	*158.41*	
		For Smooth-Flo, Add	*187.43*	
33 42 11 00-0895	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	531.29	106.42
		For Bituminous Coated Pipe, Add	*63.69*	
		For Bituminous Coated And 25% Paved, Add	*166.87*	
		For Smooth-Flo, Add	*197.44*	
33 42 11 00-0896	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	565.40	117.06
		For Bituminous Coated Pipe, Add	*67.24*	
		For Bituminous Coated And 25% Paved, Add	*176.17*	
		For Smooth-Flo, Add	*208.44*	
33 42 11 00-0897		10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0876)*		
33 42 11 00-0898	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	400.31	68.10
		For Bituminous Coated Pipe, Add	*52.97*	
		For Bituminous Coated And 25% Paved, Add	*126.08*	
		For Smooth-Flo, Add	*136.94*	
33 42 11 00-0899	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	433.57	74.49
		For Bituminous Coated Pipe, Add	*56.92*	
		For Bituminous Coated And 25% Paved, Add	*135.46*	
		For Smooth-Flo, Add	*147.13*	
33 42 11 00-0900	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	463.94	79.82
		For Bituminous Coated Pipe, Add	*60.86*	
		For Bituminous Coated And 25% Paved, Add	*144.86*	
		For Smooth-Flo, Add	*157.33*	
33 42 11 00-0901	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	494.23	85.13
		For Bituminous Coated Pipe, Add	*64.79*	
		For Bituminous Coated And 25% Paved, Add	*154.20*	
		For Smooth-Flo, Add	*167.49*	
33 42 11 00-0902	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	525.31	90.45
		For Bituminous Coated Pipe, Add	*68.73*	
		For Bituminous Coated And 25% Paved, Add	*163.57*	
		For Smooth-Flo, Add	*177.66*	
33 42 11 00-0903	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	559.43	95.77
		For Bituminous Coated Pipe, Add	*72.68*	
		For Bituminous Coated And 25% Paved, Add	*172.98*	
		For Smooth-Flo, Add	*187.88*	
33 42 11 00-0904	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	595.95	106.42
		For Bituminous Coated Pipe, Add	*76.62*	
		For Bituminous Coated And 25% Paved, Add	*182.36*	
		For Smooth-Flo, Add	*198.07*	
33 42 11 00-0905	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	633.34	117.06
		For Bituminous Coated Pipe, Add	*80.83*	
		For Bituminous Coated And 25% Paved, Add	*192.37*	
		For Smooth-Flo, Add	*208.94*	
33 42 11 00-0906	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	673.64	127.70
		For Bituminous Coated Pipe, Add	*85.88*	
		For Bituminous Coated And 25% Paved, Add	*204.39*	
		For Smooth-Flo, Add	*222.00*	
33 42 11 00-0907		125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0844)*		
33 42 11 00-0908		12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0907)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0909	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	361.21	68.10
		For Bituminous Coated Pipe, Add	*45.15*	
		For Bituminous Coated And 25% Paved, Add	*110.18*	
		For Smooth-Flo, Add	*140.20*	
33 42 11 00-0910	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	390.46	74.49
		For Bituminous Coated Pipe, Add	*48.29*	
		For Bituminous Coated And 25% Paved, Add	*117.84*	
		For Smooth-Flo, Add	*149.95*	
33 42 11 00-0911	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	416.61	79.82
		For Bituminous Coated Pipe, Add	*51.40*	
		For Bituminous Coated And 25% Paved, Add	*125.41*	
		For Smooth-Flo, Add	*159.59*	
33 42 11 00-0912	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	442.78	85.13
		For Bituminous Coated Pipe, Add	*54.50*	
		For Bituminous Coated And 25% Paved, Add	*132.98*	
		For Smooth-Flo, Add	*169.23*	
33 42 11 00-0913	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	469.82	90.45
		For Bituminous Coated Pipe, Add	*57.63*	
		For Bituminous Coated And 25% Paved, Add	*140.61*	
		For Smooth-Flo, Add	*178.93*	
33 42 11 00-0914	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	500.07	95.77
		For Bituminous Coated Pipe, Add	*60.81*	
		For Bituminous Coated And 25% Paved, Add	*148.37*	
		For Smooth-Flo, Add	*188.81*	
33 42 11 00-0915	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	532.68	106.42
		For Bituminous Coated Pipe, Add	*63.97*	
		For Bituminous Coated And 25% Paved, Add	*156.08*	
		For Smooth-Flo, Add	*198.62*	
33 42 11 00-0916	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	568.85	117.06
		For Bituminous Coated Pipe, Add	*67.93*	
		For Bituminous Coated And 25% Paved, Add	*165.75*	
		For Smooth-Flo, Add	*210.92*	
33 42 11 00-0917		10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0907)*		
33 42 11 00-0918	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	409.21	68.10
		For Bituminous Coated Pipe, Add	*54.75*	
		For Bituminous Coated And 25% Paved, Add	*123.74*	
		For Smooth-Flo, Add	*134.42*	
33 42 11 00-0919	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	442.29	74.49
		For Bituminous Coated Pipe, Add	*58.66*	
		For Bituminous Coated And 25% Paved, Add	*132.57*	
		For Smooth-Flo, Add	*144.01*	
33 42 11 00-0920	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	472.35	79.82
		For Bituminous Coated Pipe, Add	*62.55*	
		For Bituminous Coated And 25% Paved, Add	*141.35*	
		For Smooth-Flo, Add	*153.55*	
33 42 11 00-0921	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	502.53	85.13
		For Bituminous Coated Pipe, Add	*66.45*	
		For Bituminous Coated And 25% Paved, Add	*150.18*	
		For Smooth-Flo, Add	*163.14*	
33 42 11 00-0922	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	532.81	90.45
		For Bituminous Coated Pipe, Add	*70.23*	
		For Bituminous Coated And 25% Paved, Add	*158.71*	
		For Smooth-Flo, Add	*172.40*	
33 42 11 00-0923	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	567.49	95.77
		For Bituminous Coated Pipe, Add	*74.29*	
		For Bituminous Coated And 25% Paved, Add	*167.90*	
		For Smooth-Flo, Add	*182.39*	
33 42 11 00-0924	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	604.08	106.42
		For Bituminous Coated Pipe, Add	*78.25*	
		For Bituminous Coated And 25% Paved, Add	*176.84*	
		For Smooth-Flo, Add	*192.10*	
33 42 11 00-0925	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	644.19	117.06
		For Bituminous Coated Pipe, Add	*83.00*	
		For Bituminous Coated And 25% Paved, Add	*187.58*	
		For Smooth-Flo, Add	*203.76*	
33 42 11 00-0926	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	681.66	127.70
		For Bituminous Coated Pipe, Add	*87.48*	
		For Bituminous Coated And 25% Paved, Add	*197.71*	
		For Smooth-Flo, Add	*214.77*	
33 42 11 00-0927		2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0844)*		
33 42 11 00-0928		16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0927)*		
33 42 11 00-0929	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	64.99	10.94
33 42 11 00-0930	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	74.10	11.93
33 42 11 00-0931	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	86.39	12.93
33 42 11 00-0932	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	97.93	13.93
33 42 11 00-0933	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	126.59	17.90
33 42 11 00-0934	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	166.04	23.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0935		**14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-0927)*		
33 42 11 00-0936	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	73.58	10.94
33 42 11 00-0937	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	84.59	11.93
33 42 11 00-0938	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	98.10	12.93
33 42 11 00-0939	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	111.53	13.93
33 42 11 00-0940	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	143.51	17.90
33 42 11 00-0941	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	186.16	23.42
33 42 11 00-0942	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	216.99	27.67
33 42 11 00-0943		**12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-0927)*		
33 42 11 00-0944	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	110.30	11.93
33 42 11 00-0945	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	128.55	12.93
33 42 11 00-0946	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	146.02	13.93
33 42 11 00-0947	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	186.55	17.90
33 42 11 00-0948	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	238.15	23.42
33 42 11 00-0949	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	277.53	27.67
33 42 11 00-0950	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	327.07	31.92
33 42 11 00-0951	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	363.32	36.18
33 42 11 00-0952		**10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-0927)*		
33 42 11 00-0953	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	278.92	23.42
33 42 11 00-0954	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	325.10	27.67
33 42 11 00-0955	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	381.00	31.92
33 42 11 00-0956	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	424.30	36.18
33 42 11 00-0957	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	464.77	38.31
33 42 11 00-0958		**3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-0844)*		
33 42 11 00-0959		**14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-0958)*		
33 42 11 00-0960	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	366.87	36.18
33 42 11 00-0961	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	400.78	38.31
33 42 11 00-0962	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	501.17	46.82
33 42 11 00-0963	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	574.07	68.10
33 42 11 00-0964	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	618.27	74.49
33 42 11 00-0965	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	659.68	79.82
33 42 11 00-0966	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	700.94	85.13
33 42 11 00-0967	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	743.03	90.45
33 42 11 00-0968		**12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-0958)*		
33 42 11 00-0969	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	499.10	38.31
33 42 11 00-0970	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	610.62	46.82
33 42 11 00-0971	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	693.18	68.10
33 42 11 00-0972	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	746.88	74.49
33 42 11 00-0973	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	797.83	79.82
33 42 11 00-0974	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	848.74	85.13
33 42 11 00-0975	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	900.29	90.45
33 42 11 00-0976	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	955.10	95.77
33 42 11 00-0977	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,012.17	106.42
33 42 11 00-0978	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,072.80	117.06
33 42 11 00-0979		**10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-0958)*		
33 42 11 00-0980	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	801.25	68.10
33 42 11 00-0981	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	863.88	74.49
33 42 11 00-0982	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	923.76	79.82
33 42 11 00-0983	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	983.35	85.13
33 42 11 00-0984	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,043.79	90.45
33 42 11 00-0985	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,107.44	95.77
33 42 11 00-0986	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,173.41	106.42
33 42 11 00-0987	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,242.16	117.06
33 42 11 00-0988	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,320.12	127.70
33 42 11 00-0989		**125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-0844)*		
33 42 11 00-0990		**12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch** *(33 42 11 00-0989)*		
33 42 11 00-0991	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	683.47	68.10
33 42 11 00-0992	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	734.73	74.49
33 42 11 00-0993	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	782.65	79.82
33 42 11 00-0994	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	830.53	85.13
33 42 11 00-0995	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	879.46	90.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0996	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	932.01	95.77
33 42 11 00-0997	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	986.74	106.42
33 42 11 00-0998	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,050.66	117.06
33 42 11 00-0999		10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0989)*		
33 42 11 00-1000	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	798.72	68.10
33 42 11 00-1001	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	859.14	74.49
33 42 11 00-1002	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	916.41	79.82
33 42 11 00-1003	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	973.96	85.13
33 42 11 00-1004	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,030.75	90.45
33 42 11 00-1005	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,093.86	95.77
33 42 11 00-1006	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,158.18	106.42
33 42 11 00-1007	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,231.69	117.06
33 42 11 00-1008	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,300.41	127.70
33 42 11 00-1009		Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0500)*		
33 42 11 00-1010		2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1009)*		
33 42 11 00-1011		16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1010)*		
33 42 11 00-1012	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	38.65	10.44
		For 1/2 Bituminous Coated And 25% Paved, Add	*6.85*	
33 42 11 00-1013	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	43.81	10.94
		For 1/2 Bituminous Coated And 25% Paved, Add	*8.63*	
33 42 11 00-1014	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	49.16	11.93
		For 1/2 Bituminous Coated And 25% Paved, Add	*10.46*	
33 42 11 00-1015	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	56.07	12.93
		For 1/2 Bituminous Coated And 25% Paved, Add	*12.50*	
33 42 11 00-1016	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	62.12	13.93
		For 1/2 Bituminous Coated And 25% Paved, Add	*14.08*	
33 42 11 00-1017	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	81.92	17.90
		For 1/2 Bituminous Coated And 25% Paved, Add	*18.26*	
33 42 11 00-1018	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	106.69	23.42
		For 1/2 Bituminous Coated And 25% Paved, Add	*23.04*	
33 42 11 00-1019	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	121.64	27.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*27.25*	
33 42 11 00-1020	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	136.70	31.92
		For 1/2 Bituminous Coated And 25% Paved, Add	*30.53*	
33 42 11 00-1021		14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1010)*		
33 42 11 00-1022	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	42.35	10.44
		For 1/2 Bituminous Coated And 25% Paved, Add	*6.50*	
33 42 11 00-1023	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	48.38	10.94
		For 1/2 Bituminous Coated And 25% Paved, Add	*8.16*	
33 42 11 00-1024	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	54.60	11.93
		For 1/2 Bituminous Coated And 25% Paved, Add	*9.87*	
33 42 11 00-1025	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	62.38	12.93
		For 1/2 Bituminous Coated And 25% Paved, Add	*11.73*	
33 42 11 00-1026	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	69.45	13.93
		For 1/2 Bituminous Coated And 25% Paved, Add	*13.28*	
33 42 11 00-1027	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	90.89	17.90
		For 1/2 Bituminous Coated And 25% Paved, Add	*17.06*	
33 42 11 00-1028	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	117.53	23.42
		For 1/2 Bituminous Coated And 25% Paved, Add	*21.38*	
33 42 11 00-1029	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	134.12	27.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*25.18*	
33 42 11 00-1030	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	150.93	31.92
		For 1/2 Bituminous Coated And 25% Paved, Add	*28.29*	
33 42 11 00-1031	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	180.54	36.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*34.79*	
33 42 11 00-1032		12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1010)*		
33 42 11 00-1033	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	66.04	11.93
		For 1/2 Bituminous Coated And 25% Paved, Add	*9.19*	
33 42 11 00-1034	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	75.74	12.93
		For 1/2 Bituminous Coated And 25% Paved, Add	*10.88*	
33 42 11 00-1035	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	84.62	13.93
		For 1/2 Bituminous Coated And 25% Paved, Add	*12.33*	
33 42 11 00-1036	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	109.83	17.90
		For 1/2 Bituminous Coated And 25% Paved, Add	*15.72*	
33 42 11 00-1037	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	140.38	23.42
		For 1/2 Bituminous Coated And 25% Paved, Add	*19.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1038	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	160.60	27.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*22.88*	
33 42 11 00-1039	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	181.14	31.92
		For 1/2 Bituminous Coated And 25% Paved, Add	*25.80*	
33 42 11 00-1040	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	215.03	36.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*31.16*	
33 42 11 00-1041	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	234.86	38.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*34.07*	
33 42 11 00-1042	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	286.56	46.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*41.90*	

33 42 11 00-1043 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1010)*

33 42 11 00-1044	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	160.92	23.42
		For 1/2 Bituminous Coated And 25% Paved, Add	*21.36*	
33 42 11 00-1045	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	184.63	27.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*25.05*	
33 42 11 00-1046	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	208.41	31.92
		For 1/2 Bituminous Coated And 25% Paved, Add	*28.28*	
33 42 11 00-1047	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	245.62	36.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*33.70*	
33 42 11 00-1048	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	268.90	38.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*36.96*	
33 42 11 00-1049	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	323.95	46.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*44.59*	
33 42 11 00-1050	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	384.44	68.10
		For 1/2 Bituminous Coated And 25% Paved, Add	*47.81*	

33 42 11 00-1051 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1009)*

33 42 11 00-1052 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1051)*

33 42 11 00-1053	LF	36" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	122.84	23.42
		For 1/2 Bituminous Coated And 25% Paved, Add	*25.61*	
33 42 11 00-1054	LF	42" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	140.12	27.67
		For 1/2 Bituminous Coated And 25% Paved, Add	*30.08*	
33 42 11 00-1055	LF	48" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	157.49	31.92
		For 1/2 Bituminous Coated And 25% Paved, Add	*33.73*	
33 42 11 00-1056	LF	54" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	187.83	36.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*41.20*	
33 42 11 00-1057	LF	60" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	204.65	38.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*44.89*	
33 42 11 00-1058	LF	66" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	256.42	46.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*57.66*	
33 42 11 00-1059	LF	72" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	311.02	68.10
		For 1/2 Bituminous Coated And 25% Paved, Add	*61.45*	
33 42 11 00-1060	LF	78" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	335.45	74.49
		For 1/2 Bituminous Coated And 25% Paved, Add	*65.26*	
33 42 11 00-1061	LF	84" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	357.00	79.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*69.08*	
33 42 11 00-1062	LF	90" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	378.57	85.13
		For 1/2 Bituminous Coated And 25% Paved, Add	*72.91*	
33 42 11 00-1063	LF	96" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	400.86	90.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*76.71*	
33 42 11 00-1064	LF	102" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	426.20	95.77
		For 1/2 Bituminous Coated And 25% Paved, Add	*80.56*	

33 42 11 00-1065 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1051)*

33 42 11 00-1066	LF	54" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	206.38	36.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*35.70*	
33 42 11 00-1067	LF	60" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	225.16	38.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*38.98*	
33 42 11 00-1068	LF	66" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	278.99	46.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*49.07*	
33 42 11 00-1069	LF	72" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	335.61	68.10
		For 1/2 Bituminous Coated And 25% Paved, Add	*52.44*	
33 42 11 00-1070	LF	78" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	362.03	74.49
		For 1/2 Bituminous Coated And 25% Paved, Add	*55.82*	
33 42 11 00-1071	LF	84" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	385.67	79.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*59.23*	
33 42 11 00-1072	LF	90" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	409.19	85.13
		For 1/2 Bituminous Coated And 25% Paved, Add	*62.60*	
33 42 11 00-1073	LF	96" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	433.47	90.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*65.97*	
33 42 11 00-1074	LF	102" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	460.80	95.77
		For 1/2 Bituminous Coated And 25% Paved, Add	*69.37*	
33 42 11 00-1075	LF	108" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	490.55	106.42
		For 1/2 Bituminous Coated And 25% Paved, Add	*72.76*	
33 42 11 00-1076	LF	114" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	519.64	117.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*76.10*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1077		12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1051)*		
33 42 11 00-1078	LF	60" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	270.75	38.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*52.28*	
33 42 11 00-1079	LF	66" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	329.46	46.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*63.96*	
33 42 11 00-1080	LF	72" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	390.48	68.10
		For 1/2 Bituminous Coated And 25% Paved, Add	*68.61*	
33 42 11 00-1081	LF	78" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	421.36	74.49
		For 1/2 Bituminous Coated And 25% Paved, Add	*73.27*	
33 42 11 00-1082	LF	84" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	449.39	79.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*77.95*	
33 42 11 00-1083	LF	90" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	477.38	85.13
		For 1/2 Bituminous Coated And 25% Paved, Add	*82.61*	
33 42 11 00-1084	LF	96" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	506.09	90.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*87.27*	
33 42 11 00-1085	LF	102" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	537.84	95.77
		For 1/2 Bituminous Coated And 25% Paved, Add	*91.95*	
33 42 11 00-1086	LF	108" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	571.99	106.42
		For 1/2 Bituminous Coated And 25% Paved, Add	*96.61*	
33 42 11 00-1087	LF	114" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	605.54	117.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*101.24*	
33 42 11 00-1088	LF	120" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	637.99	127.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*105.92*	
33 42 11 00-1089		10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1051)*		
33 42 11 00-1090	LF	72" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	441.64	68.10
		For 1/2 Bituminous Coated And 25% Paved, Add	*84.21*	
33 42 11 00-1091	LF	78" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	476.64	74.49
		For 1/2 Bituminous Coated And 25% Paved, Add	*90.10*	
33 42 11 00-1092	LF	84" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	508.90	79.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*96.05*	
33 42 11 00-1093	LF	90" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	541.03	85.13
		For 1/2 Bituminous Coated And 25% Paved, Add	*101.96*	
33 42 11 00-1094	LF	96" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	574.00	90.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*107.89*	
33 42 11 00-1095	LF	102" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	609.97	95.77
		For 1/2 Bituminous Coated And 25% Paved, Add	*113.83*	
33 42 11 00-1096	LF	108" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	648.27	106.42
		For 1/2 Bituminous Coated And 25% Paved, Add	*119.74*	
33 42 11 00-1097	LF	114" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	686.01	117.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*125.62*	
33 42 11 00-1098	LF	120" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	722.68	127.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*131.57*	
33 42 11 00-1099	LF	126" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	761.27	138.34
		For 1/2 Bituminous Coated And 25% Paved, Add	*137.47*	
33 42 11 00-1100	LF	132" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	802.59	148.99
		For 1/2 Bituminous Coated And 25% Paved, Add	*143.41*	
33 42 11 00-1101	LF	138" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	847.15	159.62
		For 1/2 Bituminous Coated And 25% Paved, Add	*149.35*	
33 42 11 00-1102		125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1009)*		
33 42 11 00-1103		16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1102)*		
33 42 11 00-1104	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	158.08	31.92
		For 1/2 Bituminous Coated And 25% Paved, Add	*41.79*	
33 42 11 00-1105	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	188.91	36.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*51.20*	
33 42 11 00-1106	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	205.59	38.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*55.68*	
33 42 11 00-1107	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	254.33	46.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*70.10*	
33 42 11 00-1108	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	308.68	68.10
		For 1/2 Bituminous Coated And 25% Paved, Add	*74.67*	
33 42 11 00-1109	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	332.84	74.49
		For 1/2 Bituminous Coated And 25% Paved, Add	*79.24*	
33 42 11 00-1110	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	354.00	79.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*83.78*	
33 42 11 00-1111	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	375.11	85.13
		For 1/2 Bituminous Coated And 25% Paved, Add	*88.29*	
33 42 11 00-1112	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	397.20	90.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*92.89*	
33 42 11 00-1113	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	422.46	95.77
		For 1/2 Bituminous Coated And 25% Paved, Add	*97.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 42 11 00-1114 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1102)*

33 42 11 00-1115	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	212.10	36.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*48.28*	
33 42 11 00-1116	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	231.44	38.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*52.71*	
33 42 11 00-1117	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	282.48	46.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*64.87*	
33 42 11 00-1118	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	339.13	68.10
		For 1/2 Bituminous Coated And 25% Paved, Add	*69.25*	
33 42 11 00-1119	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	366.01	74.49
		For 1/2 Bituminous Coated And 25% Paved, Add	*73.79*	
33 42 11 00-1120	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	389.75	79.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*78.24*	
33 42 11 00-1121	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	412.19	85.13
		For 1/2 Bituminous Coated And 25% Paved, Add	*82.25*	
33 42 11 00-1122	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	437.97	90.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*87.14*	
33 42 11 00-1123	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	465.44	95.77
		For 1/2 Bituminous Coated And 25% Paved, Add	*91.60*	
33 42 11 00-1124	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	495.22	106.42
		For 1/2 Bituminous Coated And 25% Paved, Add	*96.01*	
33 42 11 00-1125	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	524.87	117.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*100.53*	

33 42 11 00-1126 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1102)*

33 42 11 00-1127	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	279.74	38.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*58.16*	
33 42 11 00-1128	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	335.74	46.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*69.80*	
33 42 11 00-1129	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	397.45	68.10
		For 1/2 Bituminous Coated And 25% Paved, Add	*74.93*	
33 42 11 00-1130	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	428.79	74.49
		For 1/2 Bituminous Coated And 25% Paved, Add	*80.02*	
33 42 11 00-1131	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	457.10	79.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*85.08*	
33 42 11 00-1132	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	485.68	85.13
		For 1/2 Bituminous Coated And 25% Paved, Add	*90.21*	
33 42 11 00-1133	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	514.84	90.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*95.28*	
33 42 11 00-1134	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	546.95	95.77
		For 1/2 Bituminous Coated And 25% Paved, Add	*100.36*	
33 42 11 00-1135	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	581.65	106.42
		For 1/2 Bituminous Coated And 25% Paved, Add	*105.48*	
33 42 11 00-1136	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	615.80	117.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*110.57*	
33 42 11 00-1137	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	648.63	127.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*115.66*	

33 42 11 00-1138 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1102)*

33 42 11 00-1139	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	453.29	68.10
		For 1/2 Bituminous Coated And 25% Paved, Add	*90.91*	
33 42 11 00-1140	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	489.83	74.49
		For 1/2 Bituminous Coated And 25% Paved, Add	*97.48*	
33 42 11 00-1141	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	522.99	79.82
		For 1/2 Bituminous Coated And 25% Paved, Add	*103.92*	
33 42 11 00-1142	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	555.96	85.13
		For 1/2 Bituminous Coated And 25% Paved, Add	*110.31*	
33 42 11 00-1143	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	589.87	90.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*116.74*	
33 42 11 00-1144	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	626.61	95.77
		For 1/2 Bituminous Coated And 25% Paved, Add	*123.15*	
33 42 11 00-1145	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	665.92	106.42
		For 1/2 Bituminous Coated And 25% Paved, Add	*129.58*	
33 42 11 00-1146	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	704.74	117.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*136.00*	
33 42 11 00-1147	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	742.14	127.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*142.40*	
33 42 11 00-1148	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	788.82	138.34
		For 1/2 Bituminous Coated And 25% Paved, Add	*150.85*	
33 42 11 00-1149	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	832.86	148.99
		For 1/2 Bituminous Coated And 25% Paved, Add	*157.80*	
33 42 11 00-1150	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	881.05	159.62
		For 1/2 Bituminous Coated And 25% Paved, Add	*165.02*	

33 42 11 00-1151 Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1009)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1152		**16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-1151)*		
33 42 11 00-1153	LF	18" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	55.40	11.93
33 42 11 00-1154	LF	21" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	63.29	12.93
33 42 11 00-1155	LF	24" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	70.67	13.93
33 42 11 00-1156	LF	30" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	92.35	17.90
33 42 11 00-1157	LF	36" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	118.93	23.42
33 42 11 00-1158	LF	42" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	135.76	27.67
33 42 11 00-1159	LF	48" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	153.13	31.92
33 42 11 00-1160	LF	54" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	181.51	36.18
33 42 11 00-1161	LF	60" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	198.30	38.31
33 42 11 00-1162		**14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-1151)*		
33 42 11 00-1163	LF	18" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	60.77	11.93
33 42 11 00-1164	LF	21" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	69.57	12.93
33 42 11 00-1165	LF	24" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	77.78	13.93
33 42 11 00-1166	LF	30" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	101.25	17.90
33 42 11 00-1167	LF	36" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	129.64	23.42
33 42 11 00-1168	LF	42" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	148.28	27.67
33 42 11 00-1169	LF	48" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	167.43	31.92
33 42 11 00-1170	LF	54" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	197.59	36.18
33 42 11 00-1171	LF	60" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	216.23	38.31
33 42 11 00-1172	LF	66" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	262.84	46.82
33 42 11 00-1173	LF	72" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	318.76	68.10
33 42 11 00-1174	LF	78" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	344.66	74.49
33 42 11 00-1175		**12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-1151)*		
33 42 11 00-1176	LF	30" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	119.28	17.90
33 42 11 00-1177	LF	36" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	151.23	23.42
33 42 11 00-1178	LF	42" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	173.57	27.67
33 42 11 00-1179	LF	48" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	196.28	31.92
33 42 11 00-1180	LF	54" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	230.03	36.18
33 42 11 00-1181	LF	60" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	252.33	38.31
33 42 11 00-1182	LF	66" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	302.46	46.82
33 42 11 00-1183	LF	72" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	361.94	68.10
33 42 11 00-1184	LF	78" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	391.43	74.49
33 42 11 00-1185	LF	84" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	417.90	79.82
33 42 11 00-1186	LF	90" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	444.42	85.13
33 42 11 00-1187	LF	96" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	471.59	90.45
33 42 11 00-1188	LF	102" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	500.04	95.77
33 42 11 00-1189		**Aluminized Type 2 Corrugated Steel Pipe-Arch** *(33 42 11 00-0500)*		
33 42 11 00-1190		**2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch** *(33 42 11 00-1189)*		
33 42 11 00-1191		**16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch** *(33 42 11 00-1190)*		
33 42 11 00-1192	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	45.06	10.94
		For 1/2 Bituminous Coated And 40% Paved, Add	*11.14*	
33 42 11 00-1193	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	50.28	11.93
		For 1/2 Bituminous Coated And 40% Paved, Add	*13.31*	
33 42 11 00-1194	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	57.60	12.93
		For 1/2 Bituminous Coated And 40% Paved, Add	*16.01*	
33 42 11 00-1195	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	64.71	13.93
		For 1/2 Bituminous Coated And 40% Paved, Add	*18.45*	
33 42 11 00-1196	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	84.26	17.90
		For 1/2 Bituminous Coated And 40% Paved, Add	*23.44*	
33 42 11 00-1197	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	110.98	23.42
		For 1/2 Bituminous Coated And 40% Paved, Add	*30.23*	
33 42 11 00-1198		**14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch** *(33 42 11 00-1190)*		
33 42 11 00-1199	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	49.63	10.94
		For 1/2 Bituminous Coated And 40% Paved, Add	*11.55*	
33 42 11 00-1200	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	55.82	11.93
		For 1/2 Bituminous Coated And 40% Paved, Add	*13.83*	
33 42 11 00-1201	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	63.85	12.93
		For 1/2 Bituminous Coated And 40% Paved, Add	*16.46*	
33 42 11 00-1202	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	71.93	13.93
		For 1/2 Bituminous Coated And 40% Paved, Add	*18.98*	
33 42 11 00-1203	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	93.26	17.90
		For 1/2 Bituminous Coated And 40% Paved, Add	*24.03*	
33 42 11 00-1204	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	121.69	23.42
		For 1/2 Bituminous Coated And 40% Paved, Add	*30.61*	
33 42 11 00-1205	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	139.98	27.67
		For 1/2 Bituminous Coated And 40% Paved, Add	*36.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1206		**12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch** *(33 42 11 00-1190)*		
33 42 11 00-1207	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	67.12	11.93
		For 1/2 Bituminous Coated And 40% Paved, Add	*12.67*	
33 42 11 00-1208	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	77.24	12.93
		For 1/2 Bituminous Coated And 40% Paved, Add	*15.06*	
33 42 11 00-1209	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	87.10	13.93
		For 1/2 Bituminous Coated And 40% Paved, Add	*17.29*	
33 42 11 00-1210	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	112.20	17.90
		For 1/2 Bituminous Coated And 40% Paved, Add	*21.81*	
33 42 11 00-1211	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	144.57	23.42
		For 1/2 Bituminous Coated And 40% Paved, Add	*27.43*	
33 42 11 00-1212	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	166.66	27.67
		For 1/2 Bituminous Coated And 40% Paved, Add	*32.51*	
33 42 11 00-1213	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	195.06	31.92
		For 1/2 Bituminous Coated And 40% Paved, Add	*38.71*	
33 42 11 00-1214	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	217.75	36.18
		For 1/2 Bituminous Coated And 40% Paved, Add	*42.67*	
33 42 11 00-1215		**10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch** *(33 42 11 00-1190)*		
33 42 11 00-1216	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	165.11	23.42
		For 1/2 Bituminous Coated And 40% Paved, Add	*28.86*	
33 42 11 00-1217	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	190.63	27.67
		For 1/2 Bituminous Coated And 40% Paved, Add	*34.11*	
33 42 11 00-1218	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	222.23	31.92
		For 1/2 Bituminous Coated And 40% Paved, Add	*40.28*	
33 42 11 00-1219	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	248.48	36.18
		For 1/2 Bituminous Coated And 40% Paved, Add	*44.59*	
33 42 11 00-1220	LF	71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	272.00	38.31
		For 1/2 Bituminous Coated And 40% Paved, Add	*48.90*	
33 42 11 00-1221		**3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch** *(33 42 11 00-1189)*		
33 42 11 00-1222		**14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch** *(33 42 11 00-1221)*		
33 42 11 00-1223	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	210.04	36.18
		For 1/2 Bituminous Coated And 40% Paved, Add	*64.09*	
33 42 11 00-1224	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	229.52	38.31
		For 1/2 Bituminous Coated And 40% Paved, Add	*70.13*	
33 42 11 00-1225	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	284.01	46.82
		For 1/2 Bituminous Coated And 40% Paved, Add	*88.08*	
33 42 11 00-1226	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	341.61	68.10
		For 1/2 Bituminous Coated And 40% Paved, Add	*94.43*	
33 42 11 00-1227	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	369.74	74.49
		For 1/2 Bituminous Coated And 40% Paved, Add	*101.10*	
33 42 11 00-1228	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	394.98	79.82
		For 1/2 Bituminous Coated And 40% Paved, Add	*107.79*	
33 42 11 00-1229	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	420.18	85.13
		For 1/2 Bituminous Coated And 40% Paved, Add	*114.46*	
33 42 11 00-1230	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	446.17	90.45
		For 1/2 Bituminous Coated And 40% Paved, Add	*121.14*	
33 42 11 00-1231		**12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch** *(33 42 11 00-1221)*		
33 42 11 00-1232	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	275.14	38.31
		For 1/2 Bituminous Coated And 40% Paved, Add	*79.69*	
33 42 11 00-1233	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	334.59	46.82
		For 1/2 Bituminous Coated And 40% Paved, Add	*97.40*	
33 42 11 00-1234	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	396.68	68.10
		For 1/2 Bituminous Coated And 40% Paved, Add	*104.76*	
33 42 11 00-1235	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	429.21	74.49
		For 1/2 Bituminous Coated And 40% Paved, Add	*112.37*	
33 42 11 00-1236	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	458.95	79.82
		For 1/2 Bituminous Coated And 40% Paved, Add	*120.03*	
33 42 11 00-1237	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	488.65	85.13
		For 1/2 Bituminous Coated And 40% Paved, Add	*127.67*	
33 42 11 00-1238	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	519.03	90.45
		For 1/2 Bituminous Coated And 40% Paved, Add	*135.28*	
33 42 11 00-1239	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	552.53	95.77
		For 1/2 Bituminous Coated And 40% Paved, Add	*142.96*	
33 42 11 00-1240	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	588.38	106.42
		For 1/2 Bituminous Coated And 40% Paved, Add	*150.59*	
33 42 11 00-1241	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	625.70	117.06
		For 1/2 Bituminous Coated And 40% Paved, Add	*159.00*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1242		10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1221)*		
33 42 11 00-1243	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	447.82	68.10
		For 1/2 Bituminous Coated And 40% Paved, Add	*113.39*	
33 42 11 00-1244	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	484.60	74.49
		For 1/2 Bituminous Coated And 40% Paved, Add	*121.63*	
33 42 11 00-1245	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	518.52	79.82
		For 1/2 Bituminous Coated And 40% Paved, Add	*130.28*	
33 42 11 00-1246	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	552.33	85.13
		For 1/2 Bituminous Coated And 40% Paved, Add	*138.69*	
33 42 11 00-1247	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	589.76	90.45
		For 1/2 Bituminous Coated And 40% Paved, Add	*148.13*	
33 42 11 00-1248	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	624.62	95.77
		For 1/2 Bituminous Coated And 40% Paved, Add	*155.58*	
33 42 11 00-1249	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	664.70	106.42
		For 1/2 Bituminous Coated And 40% Paved, Add	*164.03*	
33 42 11 00-1250	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	705.82	117.06
		For 1/2 Bituminous Coated And 40% Paved, Add	*173.01*	
33 42 11 00-1251	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	750.65	127.70
		For 1/2 Bituminous Coated And 40% Paved, Add	*183.83*	
33 42 11 00-1252		125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1189)*		
33 42 11 00-1253		12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1252)*		
33 42 11 00-1254	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	401.85	68.10
		For 1/2 Bituminous Coated And 40% Paved, Add	*103.10*	
33 42 11 00-1255	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	433.92	74.49
		For 1/2 Bituminous Coated And 40% Paved, Add	*110.27*	
33 42 11 00-1256	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	462.89	79.82
		For 1/2 Bituminous Coated And 40% Paved, Add	*117.37*	
33 42 11 00-1257	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	491.85	85.13
		For 1/2 Bituminous Coated And 40% Paved, Add	*124.45*	
33 42 11 00-1258	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	521.68	90.45
		For 1/2 Bituminous Coated And 40% Paved, Add	*131.58*	
33 42 11 00-1259	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	554.80	95.77
		For 1/2 Bituminous Coated And 40% Paved, Add	*138.84*	
33 42 11 00-1260	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	590.27	106.42
		For 1/2 Bituminous Coated And 40% Paved, Add	*146.07*	
33 42 11 00-1261	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	629.99	117.06
		For 1/2 Bituminous Coated And 40% Paved, Add	*155.11*	
33 42 11 00-1262		10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1252)*		
33 42 11 00-1263	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	458.49	68.10
		For 1/2 Bituminous Coated And 40% Paved, Add	*114.36*	
33 42 11 00-1264	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	495.09	74.49
		For 1/2 Bituminous Coated And 40% Paved, Add	*122.52*	
33 42 11 00-1265	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	528.64	79.82
		For 1/2 Bituminous Coated And 40% Paved, Add	*130.63*	
33 42 11 00-1266	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	562.34	85.13
		For 1/2 Bituminous Coated And 40% Paved, Add	*138.79*	
33 42 11 00-1267	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	596.04	90.45
		For 1/2 Bituminous Coated And 40% Paved, Add	*146.68*	
33 42 11 00-1268	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	634.35	95.77
		For 1/2 Bituminous Coated And 40% Paved, Add	*155.17*	
33 42 11 00-1269	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	674.53	106.42
		For 1/2 Bituminous Coated And 40% Paved, Add	*163.44*	
33 42 11 00-1270	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	718.90	117.06
		For 1/2 Bituminous Coated And 40% Paved, Add	*173.35*	
33 42 11 00-1271	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	760.41	127.70
		For 1/2 Bituminous Coated And 40% Paved, Add	*182.72*	
33 42 11 00-1272		Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-0500)*		
33 42 11 00-1273		1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1272)*		
33 42 11 00-1274		18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1273)*		
33 42 11 00-1275	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	22.96	5.96
		For Bituminous Coated Pipe, Add	*2.12*	
33 42 11 00-1276	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	29.46	7.46
		For Bituminous Coated Pipe, Add	*2.88*	
33 42 11 00-1277	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	38.10	8.95
		For Bituminous Coated Pipe, Add	*3.79*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1278		16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1273)*		
33 42 11 00-1279	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	25.40	5.96
		For Bituminous Coated Pipe, Add	*2.10*	
33 42 11 00-1280	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	32.90	7.46
		For Bituminous Coated Pipe, Add	*2.88*	
33 42 11 00-1281	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	42.69	8.95
		For Bituminous Coated Pipe, Add	*3.80*	
33 42 11 00-1282		2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1272)*		
33 42 11 00-1283		16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1282)*		
33 42 11 00-1284	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	44.24	10.44
		For Bituminous Coated Pipe, Add	*4.17*	
33 42 11 00-1285	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	50.74	10.94
		For Bituminous Coated Pipe, Add	*5.23*	
33 42 11 00-1286	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	57.65	11.93
		For Bituminous Coated Pipe, Add	*6.36*	
33 42 11 00-1287	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	66.16	12.93
		For Bituminous Coated Pipe, Add	*7.59*	
33 42 11 00-1288	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	73.80	13.93
		For Bituminous Coated Pipe, Add	*8.61*	
33 42 11 00-1289		14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1282)*		
33 42 11 00-1290	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	49.45	10.44
		For Bituminous Coated Pipe, Add	*4.08*	
33 42 11 00-1291	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	57.38	10.94
		For Bituminous Coated Pipe, Add	*5.13*	
33 42 11 00-1292	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	65.61	11.93
		For Bituminous Coated Pipe, Add	*6.22*	
33 42 11 00-1293	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	75.39	12.93
		For Bituminous Coated Pipe, Add	*7.39*	
33 42 11 00-1294	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	84.40	13.93
		For Bituminous Coated Pipe, Add	*8.40*	
33 42 11 00-1295	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	109.92	17.90
		For Bituminous Coated Pipe, Add	*10.76*	
33 42 11 00-1296	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	140.68	23.42
		For Bituminous Coated Pipe, Add	*13.38*	
33 42 11 00-1297		12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1282)*		
33 42 11 00-1298	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	104.64	13.93
		For Bituminous Coated Pipe, Add	*7.97*	
33 42 11 00-1299	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	135.13	17.90
		For Bituminous Coated Pipe, Add	*10.14*	
33 42 11 00-1300	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	170.96	23.42
		For Bituminous Coated Pipe, Add	*12.49*	
33 42 11 00-1301	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	196.84	27.67
		For Bituminous Coated Pipe, Add	*14.69*	
33 42 11 00-1302	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	222.60	31.92
		For Bituminous Coated Pipe, Add	*16.63*	
33 42 11 00-1303	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	261.67	36.18
		For Bituminous Coated Pipe, Add	*19.73*	
33 42 11 00-1304		10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1282)*		
33 42 11 00-1305	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	203.23	23.42
		For Bituminous Coated Pipe, Add	*12.29*	
33 42 11 00-1306	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	234.43	27.67
		For Bituminous Coated Pipe, Add	*14.42*	
33 42 11 00-1307	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	265.68	31.92
		For Bituminous Coated Pipe, Add	*16.36*	
33 42 11 00-1308	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	310.14	36.18
		For Bituminous Coated Pipe, Add	*19.20*	
33 42 11 00-1309	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	340.90	38.31
		For Bituminous Coated Pipe, Add	*21.16*	
33 42 11 00-1310		3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1272)*		
33 42 11 00-1311		16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1310)*		
33 42 11 00-1312	LF	30" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	108.28	17.90
33 42 11 00-1313	LF	36" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	138.62	23.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1314	LF	42" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	158.45	27.67
33 42 11 00-1315	LF	48" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	179.40	31.92
33 42 11 00-1316	LF	54" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	211.64	36.18
33 42 11 00-1317		14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1310)*		
33 42 11 00-1318	LF	30" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	121.55	17.90
33 42 11 00-1319	LF	36" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	157.57	23.42
33 42 11 00-1320	LF	42" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	180.44	27.67
33 42 11 00-1321	LF	48" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	203.40	31.92
33 42 11 00-1322	LF	54" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	239.75	36.18
33 42 11 00-1323	LF	60" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	262.11	38.31
33 42 11 00-1324	LF	66" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	318.71	46.82
33 42 11 00-1325	LF	72" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	378.71	68.10
33 42 11 00-1326	LF	78" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	408.55	74.49
33 42 11 00-1327		12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1310)*		
33 42 11 00-1328	LF	30" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	152.55	17.90
33 42 11 00-1329	LF	36" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	192.43	23.42
33 42 11 00-1330	LF	42" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	222.09	27.67
33 42 11 00-1331	LF	48" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	251.18	31.92
33 42 11 00-1332	LF	54" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	293.38	36.18
33 42 11 00-1333	LF	60" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	321.50	38.31
33 42 11 00-1334	LF	66" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	383.85	46.82
33 42 11 00-1335	LF	72" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	449.74	68.10
33 42 11 00-1336	LF	78" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	485.39	74.49
33 42 11 00-1337	LF	84" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	518.22	79.82
33 42 11 00-1338	LF	90" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	550.97	85.13
33 42 11 00-1339	LF	96" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	584.47	90.45
33 42 11 00-1340		10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1310)*		
33 42 11 00-1341	LF	60" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	383.97	38.31
33 42 11 00-1342	LF	66" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	449.93	46.82
33 42 11 00-1343	LF	72" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	521.75	68.10
33 42 11 00-1344	LF	78" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	563.34	74.49
33 42 11 00-1345	LF	84" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	602.00	79.82
33 42 11 00-1346	LF	90" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	640.67	85.13
33 42 11 00-1347	LF	96" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	680.06	90.45
33 42 11 00-1348	LF	102" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	722.54	95.77
33 42 11 00-1349	LF	108" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	767.38	106.42
33 42 11 00-1350		Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1272)*		
		Note: Contech ULTRA FLO. HS 20 and HS 25 vehicular loading.		
33 42 11 00-1351		16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1350)*		
33 42 11 00-1352	LF	18" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	75.53	11.93
33 42 11 00-1353	LF	21" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	81.25	12.93
33 42 11 00-1354	LF	24" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	97.56	13.93
33 42 11 00-1355	LF	27" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	112.64	15.92
33 42 11 00-1356	LF	30" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	126.46	17.90
33 42 11 00-1357	LF	33" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	140.77	19.89
33 42 11 00-1358		14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1350)*		
33 42 11 00-1359	LF	18" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	86.76	11.93
33 42 11 00-1360	LF	21" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	100.09	12.93
33 42 11 00-1361	LF	24" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	112.66	13.93
33 42 11 00-1362	LF	27" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	129.59	15.92
33 42 11 00-1363	LF	30" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	145.26	17.90
33 42 11 00-1364	LF	33" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	161.49	19.89
33 42 11 00-1365	LF	36" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	183.35	23.42
33 42 11 00-1366	LF	42" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	211.28	27.67
33 42 11 00-1367	LF	48" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	239.04	31.92
33 42 11 00-1368		12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1350)*		
33 42 11 00-1369	LF	30" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	182.03	17.90
33 42 11 00-1370	LF	33" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	201.84	19.89
33 42 11 00-1371	LF	36" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	227.44	23.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1372	LF	42" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	262.76	27.67
33 42 11 00-1373	LF	48" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	297.88	31.92
33 42 11 00-1374	LF	54" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	410.25	36.18
33 42 11 00-1375	LF	60" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	451.42	38.31
33 42 11 00-1376		10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1350)*		
33 42 11 00-1377	LF	48" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	417.76	31.92
33 42 11 00-1378	LF	54" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	484.16	36.18
33 42 11 00-1379	LF	60" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	533.63	38.31
33 42 11 00-1380	LF	66" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	620.35	46.82
33 42 11 00-1381	LF	72" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	706.34	68.10
33 42 11 00-1382	LF	78" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	762.76	74.49
33 42 11 00-1383	LF	84" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	815.80	79.82
33 42 11 00-1384		Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-0500)*		
33 42 11 00-1385		2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1384)*		
33 42 11 00-1386		16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1385)*		
33 42 11 00-1387	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	53.11	10.94
		For Bituminous Coated Pipe, Add	*5.24*	
33 42 11 00-1388	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	59.90	11.93
		For Bituminous Coated Pipe, Add	*6.26*	
33 42 11 00-1389	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	68.72	12.93
		For Bituminous Coated Pipe, Add	*7.45*	
33 42 11 00-1390		14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1385)*		
33 42 11 00-1391	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	59.77	10.94
		For Bituminous Coated Pipe, Add	*5.22*	
33 42 11 00-1392	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	66.29	11.93
		For Bituminous Coated Pipe, Add	*6.02*	
33 42 11 00-1393	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	77.95	12.93
		For Bituminous Coated Pipe, Add	*7.39*	
33 42 11 00-1394	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	87.86	13.93
		For Bituminous Coated Pipe, Add	*8.48*	
33 42 11 00-1395	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	113.38	17.90
		For Bituminous Coated Pipe, Add	*10.73*	
33 42 11 00-1396		12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1385)*		
33 42 11 00-1397	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	108.13	13.93
		For Bituminous Coated Pipe, Add	*8.09*	
33 42 11 00-1398	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	138.65	17.90
		For Bituminous Coated Pipe, Add	*10.19*	
33 42 11 00-1399	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	176.90	23.42
		For Bituminous Coated Pipe, Add	*12.72*	
33 42 11 00-1400	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	204.67	27.67
		For Bituminous Coated Pipe, Add	*15.05*	
33 42 11 00-1401		10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1385)*		
33 42 11 00-1402	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	209.13	23.42
		For Bituminous Coated Pipe, Add	*12.28*	
33 42 11 00-1403	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	242.32	27.67
		For Bituminous Coated Pipe, Add	*14.49*	
33 42 11 00-1404	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	281.53	31.92
		For Bituminous Coated Pipe, Add	*16.97*	
33 42 11 00-1405	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	315.35	36.18
		For Bituminous Coated Pipe, Add	*18.88*	
33 42 11 00-1406		3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1384)*		
33 42 11 00-1407		14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1406)*		
33 42 11 00-1408	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	244.96	36.18
33 42 11 00-1409	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	268.17	38.31
33 42 11 00-1410	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	326.20	46.82
33 42 11 00-1411		12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1406)*		
33 42 11 00-1412	LF	60" x 46" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	298.59	36.18
33 42 11 00-1413	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	327.56	38.31
33 42 11 00-1414	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	391.07	46.82
33 42 11 00-1415	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	457.51	68.10
33 42 11 00-1416	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	493.71	74.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1417	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	527.08	79.82
33 42 11 00-1418		**10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1406)*		
33 42 11 00-1419	LF	66" x 51" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	389.93	38.31
33 42 11 00-1420	LF	73" x 55" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	456.88	46.82
33 42 11 00-1421	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	529.24	68.10
33 42 11 00-1422	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	571.37	74.49
33 42 11 00-1423	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	610.58	79.82
33 42 11 00-1424	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	649.78	85.13
33 42 11 00-1425		**Corrugated Steel Pipe Fittings** *(33 42 11 00-0500)*		
		Note: Equivalent pipe-arch sizes are approximate.		
33 42 11 00-1426		**Fabricate 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fittings** *(33 42 11 00-1425)*		
		Note: Excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 42 11 00-1427	EA	Fabricate 6" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	85.24	
33 42 11 00-1428	EA	Fabricate 8" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	106.89	
33 42 11 00-1429	EA	Fabricate 10" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	128.55	
33 42 11 00-1430	EA	Fabricate 12" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	151.57	
33 42 11 00-1431	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	184.03	
33 42 11 00-1432	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	216.49	
33 42 11 00-1433	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	248.98	
33 42 11 00-1434	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	281.44	
33 42 11 00-1435	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	366.70	
33 42 11 00-1436	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	437.05	
33 42 11 00-1437	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	507.43	
33 42 11 00-1438	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	656.27	
33 42 11 00-1439	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	740.17	
33 42 11 00-1440	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	826.77	
33 42 11 00-1441	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	916.08	
33 42 11 00-1442	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	1,116.34	
33 42 11 00-1443	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	1,217.81	
33 42 11 00-1444	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	1,322.01	
33 42 11 00-1445	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,622.40	
33 42 11 00-1446	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,741.49	
33 42 11 00-1447	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,861.92	
33 42 11 00-1448	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,982.34	
33 42 11 00-1449	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	2,101.40	
33 42 11 00-1450	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	2,221.85	
33 42 11 00-1451	EA	Fabricate 126" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,348.82	
33 42 11 00-1452	EA	Fabricate 132" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,483.05	
33 42 11 00-1453	EA	Fabricate 138" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,624.92	
33 42 11 00-1454		**Fabricate Corrugated Steel Pipe Tees Or Laterals** *(33 42 11 00-1425)*		
		Note: Fabrication charge excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 42 11 00-1455	EA	Fabricate 6" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	110.96	
33 42 11 00-1456	EA	Fabricate 8" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	142.08	
33 42 11 00-1457	EA	Fabricate 10" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	173.18	
33 42 11 00-1458	EA	Fabricate 12" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	204.33	
33 42 11 00-1459	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	248.98	
33 42 11 00-1460	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	294.97	
33 42 11 00-1461	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	341.01	
33 42 11 00-1462	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	386.98	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1463	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	507.43	
33 42 11 00-1464	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	604.85	
33 42 11 00-1465	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	703.62	
33 42 11 00-1466	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	913.35	
33 42 11 00-1467	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,028.37	
33 42 11 00-1468	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,147.44	
33 42 11 00-1469	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,269.23	
33 42 11 00-1470	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,547.97	
33 42 11 00-1471	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	1,686.01	
33 42 11 00-1472	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	1,826.73	
33 42 11 00-1473	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe)	2,247.53	
33 42 11 00-1474	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe)	2,408.55	
33 42 11 00-1475	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe)	2,569.58	
33 42 11 00-1476	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe)	2,731.94	
33 42 11 00-1477	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe)	2,894.33	
33 42 11 00-1478	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe)	3,055.34	
33 42 11 00-1479	EA	Fabricate 126" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 23' Of Appropriate Pipe)	3,225.31	
33 42 11 00-1480	EA	Fabricate 132" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe)	3,404.74	
33 42 11 00-1481	EA	Fabricate 138" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe)	3,594.12	

33 42 11 00-1482 Fabricate Skew Or Bevel Ends, Corrugated Steel Pipe Fitting *(33 42 11 00-1425)*

Note: Applied to pipe tasks.

33 42 11 00-1483	EA	Fabricate 6" Skew Or Bevel End, Corrugated Steel Pipe Fitting	42.78	
33 42 11 00-1484	EA	Fabricate 8" Skew Or Bevel End, Corrugated Steel Pipe Fitting	53.82	
33 42 11 00-1485	EA	Fabricate 10" Skew Or Bevel End, Corrugated Steel Pipe Fitting	67.70	
33 42 11 00-1486	EA	Fabricate 12" Skew Or Bevel End, Corrugated Steel Pipe Fitting	82.90	
33 42 11 00-1487	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	104.90	
33 42 11 00-1488	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	128.45	
33 42 11 00-1489	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	150.46	
33 42 11 00-1490	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	174.80	
33 42 11 00-1491	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	214.70	
33 42 11 00-1492	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	255.99	
33 42 11 00-1493	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	305.44	
33 42 11 00-1494	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	375.73	
33 42 11 00-1495	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	425.28	
33 42 11 00-1496	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	478.94	
33 42 11 00-1497	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	580.80	
33 42 11 00-1498	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	644.09	
33 42 11 00-1499	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	785.85	
33 42 11 00-1500	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	856.07	
33 42 11 00-1501	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	930.42	
33 42 11 00-1502	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,003.30	
33 42 11 00-1503	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,077.63	
33 42 11 00-1504	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,153.31	
33 42 11 00-1505	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,227.66	
33 42 11 00-1506	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,301.96	
33 42 11 00-1507	EA	Fabricate 126" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,380.76	
33 42 11 00-1508	EA	Fabricate 132" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,464.32	
33 42 11 00-1509	EA	Fabricate 138" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,552.94	

33 42 11 00-1510 Saddles, Corrugated Steel Pipe Fitting *(33 42 11 00-1425)*

Note: For Field Tap

33 42 11 00-1511	EA	6" Saddle, Corrugated Steel Pipe Fitting	203.73	
33 42 11 00-1512	EA	8" Saddle, Corrugated Steel Pipe Fitting	230.17	
33 42 11 00-1513	EA	10" Saddle, Corrugated Steel Pipe Fitting	265.21	
33 42 11 00-1514	EA	12" Saddle, Corrugated Steel Pipe Fitting	324.38	
33 42 11 00-1515	EA	15" Saddle, Corrugated Steel Pipe Fitting	399.15	
33 42 11 00-1516	EA	18" Saddle, Corrugated Steel Pipe Fitting	475.53	
33 42 11 00-1517	EA	21" Saddle, Corrugated Steel Pipe Fitting	598.49	
33 42 11 00-1518	EA	24" Saddle, Corrugated Steel Pipe Fitting	710.70	
33 42 11 00-1519	EA	30" Saddle, Corrugated Steel Pipe Fitting	894.01	
33 42 11 00-1520	EA	36" Saddle, Corrugated Steel Pipe Fitting	1,151.17	
33 42 11 00-1521	EA	42" Saddle, Corrugated Steel Pipe Fitting	1,358.43	
33 42 11 00-1522	EA	48" Saddle, Corrugated Steel Pipe Fitting	1,597.32	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1523	EA	54" Saddle, Corrugated Steel Pipe Fitting	1,900.17	
33 42 11 00-1524	EA	60" Saddle, Corrugated Steel Pipe Fitting	2,250.89	
33 42 11 00-1525	EA	66" Saddle, Corrugated Steel Pipe Fitting	2,565.00	
33 42 11 00-1526	EA	72" Saddle, Corrugated Steel Pipe Fitting	2,862.72	
33 42 11 00-1527	EA	78" Saddle, Corrugated Steel Pipe Fitting	3,363.16	
33 42 11 00-1528	EA	84" Saddle, Corrugated Steel Pipe Fitting	3,713.99	
33 42 11 00-1529	EA	90" Saddle, Corrugated Steel Pipe Fitting	4,392.88	
33 42 11 00-1530	EA	96" Saddle, Corrugated Steel Pipe Fitting	4,854.55	
33 42 11 00-1531	EA	102" Saddle, Corrugated Steel Pipe Fitting	5,506.12	
33 42 11 00-1532	EA	108" Saddle, Corrugated Steel Pipe Fitting	6,246.69	
33 42 11 00-1533	EA	114" Saddle, Corrugated Steel Pipe Fitting	7,085.70	
33 42 11 00-1534	EA	120" Saddle, Corrugated Steel Pipe Fitting	8,035.84	

33 42 11 00-1535 Coupling Bands, Corrugated Metal Pipe Fitting *(33 42 11 00-1425)*

33 42 11 00-1536	EA	6" Coupling Band, Corrugated Metal Pipe Fitting	12.14	
		For Bituminous Coated, Add	*3.52*	
33 42 11 00-1537	EA	8" Coupling Band, Corrugated Metal Pipe Fitting	16.11	
		For Bituminous Coated, Add	*4.67*	
33 42 11 00-1538	EA	10" Coupling Band, Corrugated Metal Pipe Fitting	20.30	
		For Bituminous Coated, Add	*5.89*	
33 42 11 00-1539	EA	12" Coupling Band, Corrugated Metal Pipe Fitting	33.69	
		For Bituminous Coated, Add	*9.77*	
33 42 11 00-1540	EA	15" Coupling Band, Corrugated Metal Pipe Fitting	42.48	
		For Bituminous Coated, Add	*12.32*	
33 42 11 00-1541	EA	18" Coupling Band, Corrugated Metal Pipe Fitting	62.33	
		For Bituminous Coated, Add	*18.08*	
33 42 11 00-1542	EA	21" Coupling Band, Corrugated Metal Pipe Fitting	73.98	
		For Bituminous Coated, Add	*21.45*	
33 42 11 00-1543	EA	24" Coupling Band, Corrugated Metal Pipe Fitting	83.88	
		For Bituminous Coated, Add	*24.33*	
33 42 11 00-1544	EA	30" Coupling Band, Corrugated Metal Pipe Fitting	145.17	
		For Bituminous Coated, Add	*42.10*	
33 42 11 00-1545	EA	36" Coupling Band, Corrugated Metal Pipe Fitting	232.26	
		For Bituminous Coated, Add	*55.74*	
33 42 11 00-1546	EA	42" Coupling Band, Corrugated Metal Pipe Fitting	272.89	
		For Bituminous Coated, Add	*65.49*	
33 42 11 00-1547	EA	48" Coupling Band, Corrugated Metal Pipe Fitting	305.78	
		For Bituminous Coated, Add	*73.39*	
33 42 11 00-1548	EA	54" Coupling Band, Corrugated Metal Pipe Fitting	433.65	
		For Bituminous Coated, Add	*104.08*	
33 42 11 00-1549	EA	60" Coupling Band, Corrugated Metal Pipe Fitting	620.25	
		For Bituminous Coated, Add	*111.65*	
33 42 11 00-1550	EA	66" Coupling Band, Corrugated Metal Pipe Fitting	762.28	
		For Bituminous Coated, Add	*137.21*	
33 42 11 00-1551	EA	72" Coupling Band, Corrugated Metal Pipe Fitting	979.19	
		For Bituminous Coated, Add	*137.09*	
33 42 11 00-1552	EA	78" Coupling Band, Corrugated Metal Pipe Fitting	1,047.31	
		For Bituminous Coated, Add	*146.62*	
33 42 11 00-1553	EA	84" Coupling Band, Corrugated Metal Pipe Fitting	1,115.81	
		For Bituminous Coated, Add	*156.21*	
33 42 11 00-1554	EA	90" Coupling Band, Corrugated Metal Pipe Fitting	1,183.97	
		For Bituminous Coated, Add	*165.76*	
33 42 11 00-1555	EA	96" Coupling Band, Corrugated Metal Pipe Fitting	1,252.30	
		For Bituminous Coated, Add	*175.32*	
33 42 11 00-1556	EA	102" Coupling Band, Corrugated Metal Pipe Fitting	1,320.80	
		For Bituminous Coated, Add	*184.91*	
33 42 11 00-1557	EA	108" Coupling Band, Corrugated Metal Pipe Fitting	1,388.99	
		For Bituminous Coated, Add	*194.46*	
33 42 11 00-1558	EA	114" Coupling Band, Corrugated Metal Pipe Fitting	1,645.10	
		For Bituminous Coated, Add	*197.41*	
33 42 11 00-1559	EA	120" Coupling Band, Corrugated Metal Pipe Fitting	1,525.26	
		For Bituminous Coated, Add	*183.03*	
33 42 11 00-1560	EA	126" Coupling Band, Corrugated Metal Pipe Fitting	1,593.24	
		For Bituminous Coated, Add	*191.19*	
33 42 11 00-1561	EA	132" Coupling Band, Corrugated Metal Pipe Fitting	1,661.71	
		For Bituminous Coated, Add	*199.41*	
33 42 11 00-1562	EA	138" Coupling Band, Corrugated Metal Pipe Fitting	1,730.24	
		For Bituminous Coated, Add	*207.63*	

33 42 11 00-1563 Wyes Or Tees, Galvanized Corrugated Metal Pipe Fitting *(33 42 11 00-1425)*

33 42 11 00-1564	EA	12" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	527.44	159.12
33 42 11 00-1565	EA	15" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	610.18	198.91
33 42 11 00-1566	EA	18" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	715.53	258.58
33 42 11 00-1567	EA	24" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	1,014.48	358.03
33 42 11 00-1568	EA	30" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	1,336.82	417.70
33 42 11 00-1569	EA	36" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	1,847.05	489.53
33 42 11 00-1570	EA	42" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	2,179.91	574.66
33 42 11 00-1571	EA	48" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	2,534.88	574.66
33 42 11 00-1572	EA	54" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	3,032.45	787.49
33 42 11 00-1573	EA	60" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	3,388.21	787.49
33 42 11 00-1574	EA	66" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	4,049.71	1,000.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1575	EA	72" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	4,257.24	1,064.18
33 42 11 00-1576	EA	78" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	5,185.95	1,324.90
33 42 11 00-1577	EA	84" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting	5,971.84	1,426.00
33 42 11 00-1578		**90 Degree Bends, Galvanized Corrugated Metal Pipe Fitting** *(33 42 11 00-1425)*		
33 42 11 00-1579	EA	12" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	365.19	119.35
33 42 11 00-1580	EA	15" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	444.46	149.18
33 42 11 00-1581	EA	18" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	524.80	198.91
33 42 11 00-1582	EA	24" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	713.42	278.47
33 42 11 00-1583	EA	30" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	919.61	318.26
33 42 11 00-1584	EA	36" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	1,279.32	361.82
33 42 11 00-1585	EA	42" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	1,507.09	425.67
33 42 11 00-1586	EA	48" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	1,723.28	425.67
33 42 11 00-1587	EA	54" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	2,089.13	595.94
33 42 11 00-1588	EA	60" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	2,348.52	595.94
33 42 11 00-1589	EA	66" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	2,866.94	744.92
33 42 11 00-1590	EA	72" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	3,044.83	792.82
33 42 11 00-1591	EA	78" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	3,593.26	993.20
33 42 11 00-1592	EA	84" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting	3,981.91	1,064.18
33 42 11 00-1593		**Galvanized Culvert-End Bar Grate System** *(33 42 11 00-0500)*		
33 42 11 00-1594	SF	Galvanized Culvert-End Bar Grate System	582.42	2.65
33 42 11 00-1595	SF	Heavy Duty Galvanized Culvert-End Bar Grate System	35.10	2.65
33 42 11 00-1596		**Galvanized Tapered Adapter Sleeves** *(33 42 11 00-0500)*		
33 42 11 00-1597	EA	12" Galvanized Tapered Adapter Sleeves	460.34	69.62
33 42 11 00-1598	EA	15" Galvanized Tapered Adapter Sleeves	569.09	74.59
33 42 11 00-1599	EA	18" Galvanized Tapered Adapter Sleeves	640.78	79.56
33 42 11 00-1600	EA	21" Galvanized Tapered Adapter Sleeves	724.20	87.02
33 42 11 00-1601	EA	24" Galvanized Tapered Adapter Sleeves	806.47	94.48
33 42 11 00-1602	EA	30" Galvanized Tapered Adapter Sleeves	979.54	106.91
33 42 11 00-1603	EA	36" Galvanized Tapered Adapter Sleeves	1,182.29	121.83
33 42 11 00-1604		**Concrete Pipe Collar** *(33 42 11)*		
33 42 11 00-1605	EA	8" Diameter Pipe, Concrete Pipe Collar	581.50	
33 42 11 00-1606	EA	10" Diameter Pipe, Concrete Pipe Collar	650.08	
33 42 11 00-1607	EA	12" Diameter Pipe, Concrete Pipe Collar	723.80	
33 42 11 00-1608	EA	15" Diameter Pipe, Concrete Pipe Collar	810.80	
33 42 11 00-1609	EA	18" Diameter Pipe, Concrete Pipe Collar	904.09	
33 42 11 00-1610	EA	21" Diameter Pipe, Concrete Pipe Collar	1,003.97	
33 42 11 00-1611	EA	24" Diameter Pipe, Concrete Pipe Collar	1,110.31	
33 42 11 00-1612	EA	27" Diameter Pipe, Concrete Pipe Collar	1,220.72	
33 42 11 00-1613	EA	30" Diameter Pipe, Concrete Pipe Collar	1,331.12	
33 42 11 00-1614	EA	36" Diameter Pipe, Concrete Pipe Collar	1,552.09	
33 42 11 00-1615	EA	42" Diameter Pipe, Concrete Pipe Collar	1,773.85	
33 42 11 00-1616	EA	48" Diameter Pipe, Concrete Pipe Collar	1,996.28	
33 42 11 00-1617	EA	54" Diameter Pipe, Concrete Pipe Collar	2,217.25	
33 42 11 00-1618	EA	60" Diameter Pipe, Concrete Pipe Collar	2,439.01	
33 42 11 00-1619	EA	66" Diameter Pipe, Concrete Pipe Collar	2,686.16	
33 42 11 00-1620	EA	72" Diameter Pipe, Concrete Pipe Collar	2,933.32	
33 42 11 00-1621	EA	78" Diameter Pipe, Concrete Pipe Collar	3,180.49	
33 42 11 00-1622	EA	84" Diameter Pipe, Concrete Pipe Collar	3,427.64	
33 42 11 00-1623	EA	90" Diameter Pipe, Concrete Pipe Collar	3,674.80	
33 42 11 00-1624	EA	96" Diameter Pipe, Concrete Pipe Collar	3,921.97	
33 42 11 00-1625	EA	102" Diameter Pipe, Concrete Pipe Collar	4,169.14	
33 42 11 00-1626	EA	108" Diameter Pipe, Concrete Pipe Collar	4,416.29	
33 42 11 00-1627	EA	114" Diameter Pipe, Concrete Pipe Collar	4,663.45	
33 42 11 00-1628	EA	120" Diameter Pipe, Concrete Pipe Collar	4,910.61	
33 42 11 00-1629		**Concrete Drainage Pipe Lug** *(33 42 11)*		
33 42 11 00-1630	EA	12" Diameter Pipe, Concrete Pipe Lug	353.92	
33 42 11 00-1631	EA	15" Diameter Pipe, Concrete Pipe Lug	412.83	
33 42 11 00-1632	EA	18" Diameter Pipe, Concrete Pipe Lug	471.41	
33 42 11 00-1633	EA	21" Diameter Pipe, Concrete Pipe Lug	530.31	
33 42 11 00-1634	EA	24" Diameter Pipe, Concrete Pipe Lug	588.89	
33 42 11 00-1635	EA	27" Diameter Pipe, Concrete Pipe Lug	647.71	
33 42 11 00-1636	EA	30" Diameter Pipe, Concrete Pipe Lug	706.54	
33 42 11 00-1637	EA	36" Diameter Pipe, Concrete Pipe Lug	824.00	
33 42 11 00-1638	EA	42" Diameter Pipe, Concrete Pipe Lug	940.56	
33 42 11 00-1639	EA	48" Diameter Pipe, Concrete Pipe Lug	1,058.04	
33 42 11 00-1640	EA	54" Diameter Pipe, Concrete Pipe Lug	1,175.52	
33 42 11 00-1641	EA	60" Diameter Pipe, Concrete Pipe Lug	1,292.99	
33 42 11 00-1642	EA	66" Diameter Pipe, Concrete Pipe Lug	1,410.48	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 13		**Stormwater Culverts** *(33 42)*		
33 42 13 13		**Precast Concrete Stormwater Culverts** *(33 42 13)*		
33 42 13 13-0001		Precast Reinforced Concrete Box Culvert *(33 42 13 13)* Note: The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0941 for crane lifting equipment.		
33 42 13 13-0002	LF	3' x 3' Precast Reinforced Concrete Box Culvert	417.02	53.20
		For Each LF Of Cut-Off Section, Add	*16.68*	
33 42 13 13-0003	LF	4' x 2' Precast Reinforced Concrete Box Culvert	469.27	53.20
		For Each LF Of Cut-Off Section, Add	*18.77*	
33 42 13 13-0004	LF	4' x 3' Precast Reinforced Concrete Box Culvert	553.67	53.20
		For Each LF Of Cut-Off Section, Add	*22.15*	
33 42 13 13-0005	LF	5' x 3' Precast Reinforced Concrete Box Culvert	664.96	66.52
		For Each LF Of Cut-Off Section, Add	*26.60*	
33 42 13 13-0006	LF	5' x 4' Precast Reinforced Concrete Box Culvert	681.03	66.52
		For Each LF Of Cut-Off Section, Add	*27.24*	
33 42 13 13-0007	LF	5' x 5' Precast Reinforced Concrete Box Culvert	689.07	66.52
		For Each LF Of Cut-Off Section, Add	*27.56*	
33 42 13 13-0008	LF	6' x 3' Precast Reinforced Concrete Box Culvert	710.53	69.17
		For Each LF Of Cut-Off Section, Add	*28.42*	
33 42 13 13-0009	LF	6' x 4' Precast Reinforced Concrete Box Culvert	714.55	69.17
		For Each LF Of Cut-Off Section, Add	*28.58*	
33 42 13 13-0010	LF	6' x 6' Precast Reinforced Concrete Box Culvert	786.89	69.17
		For Each LF Of Cut-Off Section, Add	*31.48*	
33 42 13 13-0011	LF	7' x 4' Precast Reinforced Concrete Box Culvert	808.41	79.82
		For Each LF Of Cut-Off Section, Add	*32.34*	
33 42 13 13-0012	LF	7' x 6' Precast Reinforced Concrete Box Culvert	866.49	108.55
		For Each LF Of Cut-Off Section, Add	*34.66*	
33 42 13 13-0013	LF	8' x 2' Precast Reinforced Concrete Box Culvert	790.91	69.17
		For Each LF Of Cut-Off Section, Add	*31.64*	
33 42 13 13-0014	LF	8' x 3' Precast Reinforced Concrete Box Culvert	812.43	79.82
		For Each LF Of Cut-Off Section, Add	*32.50*	
33 42 13 13-0015	LF	8' x 4' Precast Reinforced Concrete Box Culvert	824.49	79.82
		For Each LF Of Cut-Off Section, Add	*32.98*	
33 42 13 13-0016	LF	8' x 5' Precast Reinforced Concrete Box Culvert	995.62	106.42
		For Each LF Of Cut-Off Section, Add	*39.82*	
33 42 13 13-0017	LF	8' x 6' Precast Reinforced Concrete Box Culvert	998.83	106.42
		For Each LF Of Cut-Off Section, Add	*39.95*	
33 42 13 13-0018	LF	8' x 8' Precast Reinforced Concrete Box Culvert	1,106.48	133.02
		For Each LF Of Cut-Off Section, Add	*44.26*	
33 42 13 13-0019	LF	9' x 4' Precast Reinforced Concrete Box Culvert	1,099.31	106.42
		For Each LF Of Cut-Off Section, Add	*43.97*	
33 42 13 13-0020	LF	9' x 6' Precast Reinforced Concrete Box Culvert	1,165.16	133.02
		For Each LF Of Cut-Off Section, Add	*46.61*	
33 42 13 13-0021	LF	10' x 3' Precast Reinforced Concrete Box Culvert	1,169.18	133.02
		For Each LF Of Cut-Off Section, Add	*46.77*	
33 42 13 13-0022	LF	10' x 4' Precast Reinforced Concrete Box Culvert	1,418.35	133.02
		For Each LF Of Cut-Off Section, Add	*56.73*	
33 42 13 13-0023	LF	10' x 5' Precast Reinforced Concrete Box Culvert	1,488.20	159.62
		For Each LF Of Cut-Off Section, Add	*59.53*	
33 42 13 13-0024	LF	10' x 6' Precast Reinforced Concrete Box Culvert	1,504.28	159.62
		For Each LF Of Cut-Off Section, Add	*60.17*	
33 42 13 13-0025	LF	10' x 7' Precast Reinforced Concrete Box Culvert	1,508.29	159.62
		For Each LF Of Cut-Off Section, Add	*60.33*	
33 42 13 13-0026	LF	10' x 8' Precast Reinforced Concrete Box Culvert	1,513.92	159.62
		For Each LF Of Cut-Off Section, Add	*60.56*	
33 42 13 13-0027	LF	12' x 3' Precast Reinforced Concrete Box Culvert	1,574.14	186.24
		For Each LF Of Cut-Off Section, Add	*62.97*	
33 42 13 13-0028	LF	12' x 4' Precast Reinforced Concrete Box Culvert	1,574.14	186.24
		For Each LF Of Cut-Off Section, Add	*62.97*	
33 42 13 13-0029	LF	12' x 6' Precast Reinforced Concrete Box Culvert	1,574.14	186.24
		For Each LF Of Cut-Off Section, Add	*62.97*	
33 42 13 13-0030	LF	12' x 8' Precast Reinforced Concrete Box Culvert	1,574.14	186.24
		For Each LF Of Cut-Off Section, Add	*62.97*	
33 42 13 13-0031	LF	16' x 10' Precast Reinforced Concrete Box Culvert	2,287.04	212.84
		For Each LF Of Cut-Off Section, Add	*91.48*	
33 42 13 13-0032	LF	24' x 10' Precast Reinforced Concrete Box Culvert	3,171.22	212.84
		For Each LF Of Cut-Off Section, Add	*126.85*	
33 42 13 13-0033		Precast Reinforced Concrete Box Culvert For Roadways *(33 42 13 13)* Note: AASHTO HL-93 Rated. The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0941 for crane lifting equipment.		
33 42 13 13-0034	LF	3' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,032.33	53.20
		For Each LF Of Cut-Off Section, Add	*41.29*	
33 42 13 13-0035	LF	4' x 2' Precast Reinforced Concrete Box Culvert For Roadways	1,109.54	53.20
		For Each LF Of Cut-Off Section, Add	*44.38*	
33 42 13 13-0036	LF	4' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,246.17	53.20
		For Each LF Of Cut-Off Section, Add	*49.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 13 13-0037	LF	5' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,409.67	66.52
		For Each LF Of Cut-Off Section, Add	*56.39*	
33 42 13 13-0038	LF	5' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,546.31	66.52
		For Each LF Of Cut-Off Section, Add	*61.85*	
33 42 13 13-0039	LF	5' x 5' Precast Reinforced Concrete Box Culvert For Roadways	1,682.95	66.52
		For Each LF Of Cut-Off Section, Add	*67.32*	
33 42 13 13-0040	LF	6' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,551.69	69.17
		For Each LF Of Cut-Off Section, Add	*62.07*	
33 42 13 13-0041	LF	6' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,688.33	69.17
		For Each LF Of Cut-Off Section, Add	*67.53*	
33 42 13 13-0042	LF	6' x 6' Precast Reinforced Concrete Box Culvert For Roadways	1,961.60	69.17
		For Each LF Of Cut-Off Section, Add	*78.46*	
33 42 13 13-0043	LF	7' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,846.48	79.82
		For Each LF Of Cut-Off Section, Add	*73.86*	
33 42 13 13-0044	LF	7' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,177.81	108.55
		For Each LF Of Cut-Off Section, Add	*87.11*	
33 42 13 13-0045	LF	8' x 2' Precast Reinforced Concrete Box Culvert For Roadways	1,688.33	69.17
		For Each LF Of Cut-Off Section, Add	*67.53*	
33 42 13 13-0046	LF	8' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,846.48	79.82
		For Each LF Of Cut-Off Section, Add	*73.86*	
33 42 13 13-0047	LF	8' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,983.12	79.82
		For Each LF Of Cut-Off Section, Add	*79.32*	
33 42 13 13-0048	LF	8' x 5' Precast Reinforced Concrete Box Culvert For Roadways	2,173.51	106.42
		For Each LF Of Cut-Off Section, Add	*86.94*	
33 42 13 13-0049	LF	8' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,310.15	106.42
		For Each LF Of Cut-Off Section, Add	*92.41*	
33 42 13 13-0050	LF	8' x 8' Precast Reinforced Concrete Box Culvert For Roadways	2,637.21	133.02
		For Each LF Of Cut-Off Section, Add	*105.49*	
33 42 13 13-0051	LF	9' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,332.51	106.42
		For Each LF Of Cut-Off Section, Add	*93.30*	
33 42 13 13-0052	LF	9' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,678.33	133.02
		For Each LF Of Cut-Off Section, Add	*107.13*	
33 42 13 13-0053	LF	10' x 3' Precast Reinforced Concrete Box Culvert For Roadways	2,648.60	133.02
		For Each LF Of Cut-Off Section, Add	*105.94*	
33 42 13 13-0054	LF	10' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,810.85	133.02
		For Each LF Of Cut-Off Section, Add	*112.43*	
33 42 13 13-0055	LF	10' x 5' Precast Reinforced Concrete Box Culvert For Roadways	3,026.86	159.62
		For Each LF Of Cut-Off Section, Add	*121.07*	
33 42 13 13-0056	LF	10' x 6' Precast Reinforced Concrete Box Culvert For Roadways	3,189.11	159.62
		For Each LF Of Cut-Off Section, Add	*127.56*	
33 42 13 13-0057	LF	10' x 7' Precast Reinforced Concrete Box Culvert For Roadways	3,351.38	159.62
		For Each LF Of Cut-Off Section, Add	*134.06*	
33 42 13 13-0058	LF	10' x 8' Precast Reinforced Concrete Box Culvert For Roadways	3,513.62	159.62
		For Each LF Of Cut-Off Section, Add	*140.54*	
33 42 13 13-0059	LF	12' x 3' Precast Reinforced Concrete Box Culvert For Roadways	3,512.20	186.24
		For Each LF Of Cut-Off Section, Add	*140.49*	
33 42 13 13-0060	LF	12' x 4' Precast Reinforced Concrete Box Culvert For Roadways	3,696.62	186.24
		For Each LF Of Cut-Off Section, Add	*147.86*	
33 42 13 13-0061	LF	12' x 6' Precast Reinforced Concrete Box Culvert For Roadways	4,065.54	186.24
		For Each LF Of Cut-Off Section, Add	*162.62*	
33 42 13 13-0062	LF	12' x 8' Precast Reinforced Concrete Box Culvert For Roadways	4,434.45	186.24
		For Each LF Of Cut-Off Section, Add	*177.38*	
33 42 13 13-0063	LF	16' x 10' Precast Reinforced Concrete Box Culvert For Roadways	5,308.02	212.84
		For Each LF Of Cut-Off Section, Add	*212.32*	
33 42 13 13-0064	LF	24' x 10' Precast Reinforced Concrete Box Culvert For Roadways	6,701.67	212.84
		For Each LF Of Cut-Off Section, Add	*268.07*	

33 42 23 Headwalls and Endwalls for Stormwater Piping *(33 42)*

33 42 23 00-0001 Headwalls *(33 42 23)*

Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.

33 42 23 00-0002 Cast In Place Concrete Headwalls *(33 42 23 00-0001)*

Note: Includes concrete, forms, rebar (where required), finish and curing.

33 42 23 00-0003 Skewed Wingwall, Cast In Place Concrete Headwall *(33 42 23 00-0002)*

Note: Sized by pipe diameter.

33 42 23 00-0004	EA	12" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,517.84	639.16
33 42 23 00-0005	EA	15" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,908.73	681.78
33 42 23 00-0006	EA	18" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	2,500.43	893.04
33 42 23 00-0007	EA	24" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	3,935.47	1,278.33
33 42 23 00-0008	EA	30" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	5,481.85	1,704.45
33 42 23 00-0009	EA	36" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	6,521.95	2,246.65
33 42 23 00-0010	EA	42" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	8,920.82	3,098.97
33 42 23 00-0011	EA	48" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	10,611.86	3,652.34
33 42 23 00-0012	EA	54" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	12,757.55	4,446.42
33 42 23 00-0013	EA	60" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	15,288.07	5,382.44

33 42 23 00-0014 Straight, Double Pipe, Cast In Place Concrete Headwall *(33 42 23 00-0002)*

Note: Sized by pipe diameter.

33 42 23 00-0015	EA	12" Pipes, Straight, Double Pipe, Cast In Place Concrete Headwall	1,154.90	687.45
33 42 23 00-0016	EA	15" Pipes, Straight, Double Pipe, Cast In Place Concrete Headwall	1,479.96	886.08
33 42 23 00-0017	EA	18" Pipes, Straight, Double Pipe, Cast In Place Concrete Headwall	1,970.18	1,164.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 23 00-0018	EA	24" Pipes, Straight, Double Pipe, Cast In Place Concrete Headwall	3,044.98	1,752.88
33 42 23 00-0019	EA	30" Pipes, Straight, Double Pipe, Cast In Place Concrete Headwall	4,234.17	2,365.20
33 42 23 00-0020	EA	36" Pipes, Straight, Double Pipe, Cast In Place Concrete Headwall	5,978.50	3,270.58
33 42 23 00-0021		Straight, Single Pipe, Cast In Place Concrete Headwall *(33 42 23 00-0002)*		
		Note: Sized by pipe diameter.		
33 42 23 00-0022	EA	12" Pipe, Straight, Single Pipe, Cast In Place Concrete Headwall	863.45	549.91
33 42 23 00-0023	EA	15" Pipe, Straight, Single Pipe, Cast In Place Concrete Headwall	1,117.88	642.02
33 42 23 00-0024	EA	18" Pipe, Straight, Single Pipe, Cast In Place Concrete Headwall	1,437.87	849.51
33 42 23 00-0025	EA	24" Pipe, Straight, Single Pipe, Cast In Place Concrete Headwall	2,253.45	1,293.23
33 42 23 00-0026	EA	30" Pipe, Straight, Single Pipe, Cast In Place Concrete Headwall	3,111.71	1,738.81
33 42 23 00-0027	EA	36" Pipe, Straight, Single Pipe, Cast In Place Concrete Headwall	4,387.06	2,397.71
33 42 23 00-0028		Precast Concrete Headwalls *(33 42 23 00-0001)*		
33 42 23 00-0029	EA	12" Pipe, Precast Concrete Headwall	917.94	179.02
33 42 23 00-0030	EA	15" Pipe, Precast Concrete Headwall	947.77	188.96
33 42 23 00-0031	EA	18" Pipe, Precast Concrete Headwall	1,042.43	214.82
33 42 23 00-0032	EA	24" Pipe, Precast Concrete Headwall	1,152.86	228.74
33 42 23 00-0033	EA	30" Pipe, Precast Concrete Headwall	1,559.91	268.53
33 42 23 00-0034	EA	36" Pipe, Precast Concrete Headwall	1,749.21	278.47
33 42 23 00-0035	EA	42" Pipe, Precast Concrete Headwall	2,309.00	328.40
33 42 23 00-0036	EA	48" Pipe, Precast Concrete Headwall	2,552.59	361.82
33 42 23 00-0037	EA	54" Pipe, Precast Concrete Headwall	2,819.73	383.11
33 42 23 00-0038	EA	60" Pipe, Precast Concrete Headwall	3,204.45	383.11
33 42 23 00-0039	EA	72" Pipe, Precast Concrete Headwall	3,888.77	478.88
33 42 23 00-0040	EA	84" Pipe, Precast Concrete Headwall	5,535.19	574.66
33 42 23 00-0041		Precast Concrete Wingwalls *(33 42 23 00-0001)*		
33 42 23 00-0042	EA	18" ID Pipe (26" Hole) Precast Concrete Wingwall	5,681.66	1,896.36
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0043	EA	24" ID Pipe (32" Hole) Precast Concrete Wingwall	6,000.91	2,107.07
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0044	EA	30" ID Pipe (42" Hole) Precast Concrete Wingwall	6,533.00	2,458.26
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0045	EA	33" ID Pipe (46" Hole) Precast Concrete Wingwall	7,065.10	2,809.43
		Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.		
33 42 23 00-0046	EA	36" ID Pipe (50" Hole) Precast Concrete Wingwall	7,065.10	2,809.43
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0047	EA	44" ID Pipe (58" Hole) Precast Concrete Wingwall	7,277.92	2,949.90
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0048	EA	48" ID Pipe (62" Hole) Precast Concrete Wingwall	12,942.67	3,020.14
		Note: 12" thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0049	EA	52" ID Pipe (66" Hole) Precast Concrete Wingwall	13,261.93	3,230.84
		Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.		
33 42 23 00-0050		Precast Concrete Transverse Drainage Interceptor *(33 42 23 00-0001)*		
33 42 23 00-0051	EA	34" x 48" x 28" Precast Concrete Transverse Drainage Interceptor With Frame And Grate	3,395.01	744.92
33 42 26		**End Sections for Stormwater Piping** ***(33 42)***		
33 42 26 16		**Corrugated Metal End Sections for Stormwater Piping** ***(33 42 26)***		
33 42 26 16-0001		Corrugated Metal Pipe End Sections *(33 42 26 16)*		
33 42 26 16-0002		Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0001)*		
33 42 26 16-0003		Type 1 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)*		
		Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.		
33 42 26 16-0004	EA	12" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	262.21	69.62
33 42 26 16-0005	EA	15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	303.00	74.59
33 42 26 16-0006	EA	18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	352.14	79.56
33 42 26 16-0007	EA	21" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	424.48	87.02
33 42 26 16-0008	EA	24" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	469.81	94.48
33 42 26 16-0009		Type 2 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)*		
		Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.		
33 42 26 16-0010	EA	30" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	747.82	106.91
33 42 26 16-0011	EA	36" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	970.39	127.70
33 42 26 16-0012	EA	42" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,477.40	148.99
33 42 26 16-0013	EA	48" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,802.21	170.27
33 42 26 16-0014	EA	54" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	2,149.11	212.84
33 42 26 16-0015	EA	60" 10 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	2,511.34	255.40
33 42 26 16-0016		Type 3 Or 5 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)*		
		Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0017	EA	12" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	273.20	69.62
33 42 26 16-0018	EA	15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	314.30	74.59
33 42 26 16-0019	EA	18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	369.51	79.56
33 42 26 16-0020	EA	21" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	445.33	87.02
33 42 26 16-0021	EA	24" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	493.45	94.48
33 42 26 16-0022	EA	30" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	820.44	106.91
33 42 26 16-0023	EA	36" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,059.12	127.70
33 42 26 16-0024	EA	42" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,674.30	148.99
33 42 26 16-0025	EA	48" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	2,056.31	170.27
33 42 26 16-0026	EA	54" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	2,406.06	212.84
33 42 26 16-0027	EA	60" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	3,325.17	255.40
33 42 26 16-0028	EA	66" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	3,795.05	383.11
33 42 26 16-0029	EA	72" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	4,455.22	510.81
33 42 26 16-0030	EA	78" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	4,851.05	548.05
33 42 26 16-0031	EA	84" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	5,256.26	585.30

33 42 26 16-0032 Toe Plate Extensions For Galvanized Corrugated Steel Pipe End Section *(33 42 26 16-0002)*

33 42 26 16-0033	EA	Toe Plate Extension For 12" Diameter Galvanized Corrugated Steel Pipe End Section	33.56	
33 42 26 16-0034	EA	Toe Plate Extension For 15" Diameter Galvanized Corrugated Steel Pipe End Section	37.31	
33 42 26 16-0035	EA	Toe Plate Extension For 18" Diameter Galvanized Corrugated Steel Pipe End Section	41.90	
33 42 26 16-0036	EA	Toe Plate Extension For 21" Diameter Galvanized Corrugated Steel Pipe End Section	45.55	
33 42 26 16-0037	EA	Toe Plate Extension For 24" Diameter Galvanized Corrugated Steel Pipe End Section	50.93	
33 42 26 16-0038	EA	Toe Plate Extension For 30" Diameter Galvanized Corrugated Steel Pipe End Section	88.32	
33 42 26 16-0039	EA	Toe Plate Extension For 36" Diameter Galvanized Corrugated Steel Pipe End Section	95.06	
33 42 26 16-0040	EA	Toe Plate Extension For 42" Diameter Galvanized Corrugated Steel Pipe End Section	129.56	
33 42 26 16-0041	EA	Toe Plate Extension For 48" Diameter Galvanized Corrugated Steel Pipe End Section	138.84	
33 42 26 16-0042	EA	Toe Plate Extension For 54" Diameter Galvanized Corrugated Steel Pipe End Section	169.32	
33 42 26 16-0043	EA	Toe Plate Extension For 60" Diameter Galvanized Corrugated Steel Pipe End Section	173.68	
33 42 26 16-0044	EA	Toe Plate Extension For 66" Diameter Galvanized Corrugated Steel Pipe End Section	185.89	
33 42 26 16-0045	EA	Toe Plate Extension For 72" Diameter Galvanized Corrugated Steel Pipe End Section	212.97	
33 42 26 16-0046	EA	Toe Plate Extension For 78" Diameter Galvanized Corrugated Steel Pipe End Section	238.09	
33 42 26 16-0047	EA	84" Diameter Galvanized Corrugated Steel Pipe End Section Toe Plate Extension	244.27	

33 42 26 16-0048 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0001)*

33 42 26 16-0049 Type 1 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0048)*

Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.

33 42 26 16-0050	EA	17" x 13" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	303.00	74.59
33 42 26 16-0051	EA	21" x 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	352.14	79.56
33 42 26 16-0052	EA	24" x 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	424.47	87.02
33 42 26 16-0053	EA	28" x 20" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	469.81	94.48

33 42 26 16-0054 Type 2 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0048)*

Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.

33 42 26 16-0055	EA	17" x 13" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	293.51	74.59
33 42 26 16-0056	EA	21" x 15" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	334.60	79.56
33 42 26 16-0057	EA	24" x 18" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	374.26	87.02
33 42 26 16-0058	EA	28" x 20" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	421.85	94.48
33 42 26 16-0059	EA	35" x 24" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	611.09	106.91
33 42 26 16-0060	EA	42" x 29" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	886.78	127.70
33 42 26 16-0061	EA	49" x 33" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,369.31	148.99
33 42 26 16-0062	EA	57" x 38" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,730.19	170.27

33 42 26 16-0063 Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0048)*

Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.

33 42 26 16-0064	EA	17" x 13" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	298.32	74.59
33 42 26 16-0065	EA	21" x 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	345.06	79.56
33 42 26 16-0066	EA	24" x 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	390.61	87.02
33 42 26 16-0067	EA	28" x 20" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	441.24	94.48
33 42 26 16-0068	EA	35" x 24" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	644.05	106.91
33 42 26 16-0069	EA	42" x 29" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	931.74	127.70
33 42 26 16-0070	EA	49" x 33" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,441.23	148.99
33 42 26 16-0071	EA	57" x 38" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,812.96	170.27
33 42 26 16-0072	EA	64" x 43" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,183.12	212.84
33 42 26 16-0073	EA	71" x 47" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,864.44	255.40
33 42 26 16-0074	EA	77" x 52" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	4,003.88	383.11
33 42 26 16-0075	EA	83" x 57" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	4,452.45	510.81

33 42 26 16-0076 Toe Plate Extensions For Galvanized Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0048)*

33 42 26 16-0077	EA	Toe Plate Extension For 17" x 13" Galvanized Corrugated Steel Pipe-Arch End Section	37.31	
33 42 26 16-0078	EA	Toe Plate Extension For 21" x 15" Galvanized Corrugated Steel Pipe-Arch End Section	41.90	
33 42 26 16-0079	EA	Toe Plate Extension For 24" x 18" Galvanized Corrugated Steel Pipe-Arch End Section	45.55	
33 42 26 16-0080	EA	Toe Plate Extension For 28" x 20" Galvanized Corrugated Steel Pipe-Arch End Section	50.93	
33 42 26 16-0081	EA	Toe Plate Extension For 35" x 24" Galvanized Corrugated Steel Pipe-Arch End Section	88.32	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0082	EA	Toe Plate Extension For 42" x 29" Galvanized Corrugated Steel Pipe-Arch End Section	95.06	
33 42 26 16-0083	EA	Toe Plate Extension For 49" x 33" Galvanized Corrugated Steel Pipe-Arch End Section	129.56	
33 42 26 16-0084	EA	Toe Plate Extension For 57" x 38" Galvanized Corrugated Steel Pipe-Arch End Section	144.28	
33 42 26 16-0085	EA	Toe Plate Extension For 64" x 43" Galvanized Corrugated Steel Pipe-Arch End Section	169.32	
33 42 26 16-0086	EA	Toe Plate Extension For 71" x 47" Galvanized Corrugated Steel Pipe-Arch End Section	175.85	
33 42 26 16-0087	EA	Toe Plate Extension For 77" x 52" Galvanized Corrugated Steel Pipe-Arch End Section	203.54	
33 42 26 16-0088	EA	Toe Plate Extension For 83" x 57" Galvanized Corrugated Steel Pipe-Arch End Section	232.40	
33 42 26 16-0089		Corrugated Aluminum Pipe End Sections *(33 42 26 16-0001)*		
33 42 26 16-0090		Corrugated Aluminum Pipe End Sections *(33 42 26 16-0089)*		
33 42 26 16-0091	EA	12" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	389.92	69.62
33 42 26 16-0092	EA	15" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	448.40	74.59
33 42 26 16-0093	EA	18" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	530.09	79.56
33 42 26 16-0094	EA	21" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	655.17	87.02
33 42 26 16-0095	EA	24" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	852.40	94.48
33 42 26 16-0096	EA	30" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,272.29	106.91
33 42 26 16-0097	EA	36" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,727.88	127.70
33 42 26 16-0098	EA	36" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	2,145.70	127.70
33 42 26 16-0099	EA	42" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	2,734.42	148.99
33 42 26 16-0100	EA	48" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	3,895.77	170.27
33 42 26 16-0101	EA	54" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	4,319.30	212.84
33 42 26 16-0102	EA	60" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	5,816.49	255.40
33 42 26 16-0103	EA	66" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	6,603.69	383.11
33 42 26 16-0104	EA	72" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	7,734.28	510.81
33 42 26 16-0105	EA	78" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	8,445.52	548.05
33 42 26 16-0106	EA	84" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	8,912.73	585.30
33 42 26 16-0107	EA	90" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	12,166.46	638.50
33 42 26 16-0108	EA	96" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	13,466.24	691.72
33 42 26 16-0109		Toe Plate Extensions For Corrugated Aluminum Pipe End Section *(33 42 26 16-0089)*		
33 42 26 16-0110	EA	Toe Plate Extension For 12" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	61.03	
33 42 26 16-0111	EA	Toe Plate Extension For 15" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	64.66	
33 42 26 16-0112	EA	Toe Plate Extension For 18" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	70.09	
33 42 26 16-0113	EA	Toe Plate Extension For 21" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	78.84	
33 42 26 16-0114	EA	Toe Plate Extension For 24" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	83.68	
33 42 26 16-0115	EA	Toe Plate Extension For 30" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	108.47	
33 42 26 16-0116	EA	Toe Plate Extension For 36" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	130.23	
33 42 26 16-0117	EA	Toe Plate Extension For 36" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	137.21	
33 42 26 16-0118	EA	Toe Plate Extension For 42" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	150.48	
33 42 26 16-0119	EA	Toe Plate Extension For 48" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	170.08	
33 42 26 16-0120	EA	Toe Plate Extension For 54" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	200.94	
33 42 26 16-0121	EA	Toe Plate Extension For 60" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	279.36	
33 42 26 16-0122	EA	Toe Plate Extension For 66" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	301.75	
33 42 26 16-0123	EA	Toe Plate Extension For 72" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	384.06	
33 42 26 16-0124	EA	Toe Plate Extension For 78" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	415.83	
33 42 26 16-0125	EA	Toe Plate Extension For 84" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	443.15	
33 42 26 16-0126	EA	Toe Plate Extension For 90" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	471.83	
33 42 26 16-0127	EA	Toe Plate Extension For 96" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	500.89	
33 42 26 16-0128		Corrugated Aluminum Pipe-Arch End Sections *(33 42 26 16-0001)*		
33 42 26 16-0129		Corrugated Aluminum Pipe-Arch End Sections *(33 42 26 16-0128)*		
33 42 26 16-0130	EA	17" x 13" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	461.91	74.59
33 42 26 16-0131	EA	21" x 15" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	563.01	79.56
33 42 26 16-0132	EA	24" x 18" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	611.51	87.02
33 42 26 16-0133	EA	28" x 20" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	659.95	94.48
33 42 26 16-0134	EA	35" x 24" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	983.61	106.91
33 42 26 16-0135	EA	42" x 29" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,747.09	127.70
33 42 26 16-0136	EA	42" x 29" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,853.02	127.70
33 42 26 16-0137	EA	49" x 33" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	2,473.14	148.99
33 42 26 16-0138	EA	57" x 38" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	3,794.02	170.27
33 42 26 16-0139	EA	64" x 43" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	4,346.92	212.84
33 42 26 16-0140	EA	71" x 47" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	5,255.49	255.40
33 42 26 16-0141	EA	77" x 52" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	8,796.55	383.11
33 42 26 16-0142	EA	83" x 57" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	9,250.85	510.81
33 42 26 16-0143	EA	87" x 63" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	10,071.20	548.05
33 42 26 16-0144	EA	95" x 67" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	10,514.01	585.30
33 42 26 16-0145	EA	103" x 71" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	11,460.43	638.50
33 42 26 16-0146	EA	112" x 75" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	12,143.50	691.72
33 42 26 16-0147		Toe Plate Extensions For Corrugated Aluminum Pipe-Arch End Section *(33 42 26 16-0128)*		
33 42 26 16-0148	EA	Toe Plate Extension For 17" x 13", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	64.66	
33 42 26 16-0149	EA	Toe Plate Extension For 21" x 15", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	70.09	
33 42 26 16-0150	EA	Toe Plate Extension For 24" x 18", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	73.96	
33 42 26 16-0151	EA	Toe Plate Extension For 28" x 20", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	80.99	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 42 26 16-0152	EA	Toe Plate Extension For 35" x 24", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	93.12	
	33 42 26 16-0153	EA	Toe Plate Extension For 42" x 29", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	121.41	
	33 42 26 16-0154	EA	Toe Plate Extension For 42" x 29", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	132.53	
	33 42 26 16-0155	EA	Toe Plate Extension For 49" x 33", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	150.48	
	33 42 26 16-0156	EA	Toe Plate Extension For 57" x 38", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	170.08	
	33 42 26 16-0157	EA	Toe Plate Extension For 64" x 43", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	200.94	
	33 42 26 16-0158	EA	Toe Plate Extension For 71" x 47", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	254.61	
	33 42 26 16-0159	EA	Toe Plate Extension For 77" x 52", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	322.47	
	33 42 26 16-0160	EA	Toe Plate Extension For 83" x 57", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	435.85	
	33 42 26 16-0161	EA	Toe Plate Extension For 87" x 63", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	494.68	
	33 42 26 16-0162	EA	Toe Plate Extension For 95" x 67", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	518.35	
	33 42 26 16-0163	EA	Toe Plate Extension For 103" x 71", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	537.82	
	33 42 26 16-0164	EA	Toe Plate Extension For 112" x 75", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	561.51	
	33 42 26 16-0165		Low Slope Corrugated Steel Pipe End Sections And Accessories *(33 42 26 16-0001)*		
	33 42 26 16-0166		4:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*		
	33 42 26 16-0167	EA	15" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	591.61	74.59
	33 42 26 16-0168	EA	18" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	759.63	79.56
	33 42 26 16-0169	EA	21" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	928.72	87.02
	33 42 26 16-0170	EA	24" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,109.72	94.48
	33 42 26 16-0171	EA	30" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,175.02	106.91
	33 42 26 16-0172	EA	36" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,535.99	127.70
	33 42 26 16-0173	EA	42" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	2,420.95	148.99
	33 42 26 16-0174		3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)* Note: Includes nut and bolt set.		
	33 42 26 16-0175	EA	3" Diameter Parallel Safety Bar For 15" 4:1 Corrugated Steel Pipe End Section	419.52	
	33 42 26 16-0176	EA	3" Diameter Parallel Safety Bar For 18" 4:1 Corrugated Steel Pipe End Section	836.56	
	33 42 26 16-0177	EA	3" Diameter Parallel Safety Bar For 21" 4:1 Corrugated Steel Pipe End Section	918.01	
	33 42 26 16-0178	EA	3" Diameter Parallel Safety Bar For 24" 4:1 Corrugated Steel Pipe End Section	954.66	
	33 42 26 16-0179		6:1 Corrugated Steel Pipe End Sections *(33.42 26 16-0165)*		
	33 42 26 16-0180	EA	15" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	619.04	74.59
	33 42 26 16-0181	EA	18" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	808.98	79.56
	33 42 26 16-0182	EA	21" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,073.94	87.02
	33 42 26 16-0183	EA	24" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,260.65	94.48
	33 42 26 16-0184	EA	30" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,495.41	106.91
	33 42 26 16-0185	EA	36" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,818.78	127.70
	33 42 26 16-0186	EA	42" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	2,774.78	148.99
	33 42 26 16-0187		3" Diameter Parallel Safety Bar For 6:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)* Note: Includes nut and bolt set.		
	33 42 26 16-0188	EA	3" Diameter Parallel Safety Bar For 15" 6:1 Corrugated Steel Pipe End Section	813.52	
	33 42 26 16-0189	EA	3" Diameter Parallel Safety Bar For 18" 6:1 Corrugated Steel Pipe End Section	863.91	
	33 42 26 16-0190	EA	3" Diameter Parallel Safety Bar For 21" 6:1 Corrugated Steel Pipe End Section	950.34	
	33 42 26 16-0191	EA	3" Diameter Parallel Safety Bar For 24" 6:1 Corrugated Steel Pipe End Section	999.41	
	33 42 26 16-0192		Toe Plate Extensions For Low Slope Corrugated Steel Pipe End Section *(33 42 26 16-0165)*		
	33 42 26 16-0193	EA	Toe Plate Extension For 15" Low Slope Corrugated Steel Pipe End Section	71.93	
	33 42 26 16-0194	EA	Toe Plate Extension For 18" Low Slope Corrugated Steel Pipe End Section	80.63	
	33 42 26 16-0195	EA	Toe Plate Extension For 21" Low Slope Corrugated Steel Pipe End Section	87.76	
	33 42 26 16-0196	EA	Toe Plate Extension For 24" Low Slope Corrugated Steel Pipe End Section	97.94	
	33 42 26 16-0197	EA	Toe Plate Extension For 30" Low Slope Corrugated Steel Pipe End Section	146.80	
	33 42 26 16-0198	EA	Toe Plate Extension For 36" Low Slope Corrugated Steel Pipe End Section	157.55	
	33 42 26 16-0199	EA	Toe Plate Extension For 42" Low Slope Corrugated Steel Pipe End Section	211.08	
	33 42 26 16-0200		Low Slope Corrugated Steel Pipe-Arch End Sections And Accessories *(33 42 26 16-0001)*		
	33 42 26 16-0201		4:1 Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0200)*		
	33 42 26 16-0202	EA	21" x 15" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	701.84	79.56
	33 42 26 16-0203	EA	24" x 18" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	878.94	87.02
	33 42 26 16-0204	EA	28" x 20" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	1,039.22	94.48
	33 42 26 16-0205	EA	35" x 24" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	1,949.09	106.91
	33 42 26 16-0206		3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0200)* Note: Includes nut and bolt set.		
	33 42 26 16-0207	EA	3" Diameter Parallel Safety Bar For 21" x 15" 4:1 Corrugated Steel Pipe-Arch End Section	499.23	
	33 42 26 16-0208	EA	3" Diameter Parallel Safety Bar For 24" x 18" 4:1 Corrugated Steel Pipe-Arch End Section	905.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0209	EA	3" Diameter Parallel Safety Bar For 28" x 20" 4:1 Corrugated Steel Pipe-Arch End Section	954.66	
33 42 26 16-0210	EA	3" Diameter Parallel Safety Bar For 35" x 24" 4:1 Corrugated Steel Pipe-Arch End Section	1,403.11	
33 42 26 16-0211		Toe Plate Extensions For Low Slope Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0200)*		
33 42 26 16-0212	EA	Toe Plate Extension For 21" x 15" Low Slope Corrugated Steel Pipe-Arch End Section	72.75	
33 42 26 16-0213	EA	Toe Plate Extension For 24" x 18" Low Slope Corrugated Steel Pipe-Arch End Section	82.48	
33 42 26 16-0214	EA	Toe Plate Extension For 28" x 20" Low Slope Corrugated Steel Pipe-Arch End Section	89.91	
33 42 26 16-0215	EA	Toe Plate Extension For 35" x 24" Low Slope Corrugated Steel Pipe-Arch End Section	107.38	
33 42 26 19		**Corrugated High-Density Polyethylene (HDPE) End Sections for Stormwater Piping** *(33 42 26)*		
33 42 26 19-0001		Corrugated High Density Polyethylene (HDPE) Pipe End Sections *(33 42 26 19)*		
33 42 26 19-0002	EA	4" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	64.73	19.33
33 42 26 19-0003	EA	6" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	125.76	29.01
33 42 26 19-0004	EA	8" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	173.05	36.25
33 42 26 19-0005	EA	10" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	271.88	58.01
33 42 26 19-0006	EA	12" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	325.56	65.26
33 42 26 19-0007	EA	15" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	344.97	70.10
33 42 26 19-0008	EA	18" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	415.53	77.35
33 42 26 19-0009	EA	24" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	542.86	91.84
33 42 26 19-0010	EA	30" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	1,182.65	103.93
33 42 26 19-0011	EA	36" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	1,450.52	116.01
33 42 26 23		**Concrete End Sections for Stormwater Piping** *(33 42 26)*		
33 42 26 23-0001		Precast Concrete End Sections *(33 42 26 23)*		
33 42 26 23-0002		Precast Concrete End Sections *(33 42 26 23-0001)*		
33 42 26 23-0003	EA	12" Diameter Pipe, Precast Concrete End Section	660.42	116.66
33 42 26 23-0004	EA	15" Diameter Pipe, Precast Concrete End Section	885.31	144.41
33 42 26 23-0005	EA	18" Diameter Pipe, Precast Concrete End Section	1,096.57	182.80
33 42 26 23-0006	EA	21" Diameter Pipe, Precast Concrete End Section	1,259.29	218.60
33 42 26 23-0007	EA	24" Diameter Pipe, Precast Concrete End Section	1,340.50	253.01
33 42 26 23-0008	EA	27" Diameter Pipe, Precast Concrete End Section	1,690.12	317.12
33 42 26 23-0009	EA	30" Diameter Pipe, Precast Concrete End Section	2,100.32	476.33
33 42 26 23-0010	EA	36" Diameter Pipe, Precast Concrete End Section	2,594.64	601.05
33 42 26 23-0011	EA	42" Diameter Pipe, Precast Concrete End Section	3,142.02	753.97
33 42 26 23-0012	EA	48" Diameter Pipe, Precast Concrete End Section	3,446.19	850.27
33 42 26 23-0013	EA	54" Diameter Pipe, Precast Concrete End Section	3,761.58	952.44
33 42 26 23-0014	EA	60" Diameter Pipe, Precast Concrete End Section	4,085.03	1,058.86
33 42 26 23-0015	EA	66" Diameter Pipe Precast Concrete End Section	4,045.16	847.84
33 42 26 23-0016	EA	72" Diameter Pipe Precast Concrete End Section	4,642.19	1,059.78
33 42 26 23-0017	EA	78" Diameter Pipe Precast Concrete End Section	5,525.97	1,324.73
33 42 26 23-0018	EA	84" Diameter Pipe Precast Concrete End Section	6,540.96	1,589.67
33 42 26 23-0019		Flared Precast Concrete End Sections *(33 42 26 23-0001)*		
33 42 26 23-0020	EA	12" Diameter Pipe, Flared Precast Concrete End Section	828.74	123.97
33 42 26 23-0021	EA	15" Diameter Pipe, Flared Precast Concrete End Section	998.46	154.52
33 42 26 23-0022	EA	18" Diameter Pipe, Flared Precast Concrete End Section	1,213.05	195.60
33 42 26 23-0023	EA	21" Diameter Pipe, Flared Precast Concrete End Section	1,387.24	233.91
33 42 26 23-0024	EA	24" Diameter Pipe, Flared Precast Concrete End Section	1,691.16	270.73
33 42 26 23-0025	EA	27" Diameter Pipe, Flared Precast Concrete End Section	2,051.00	432.38
33 42 26 23-0026	EA	30" Diameter Pipe, Flared Precast Concrete End Section	2,149.74	595.30
33 42 26 23-0027	EA	36" Diameter Pipe, Flared Precast Concrete End Section	2,898.75	751.31
33 42 26 23-0028	EA	42" Diameter Pipe, Flared Precast Concrete End Section	3,482.93	942.65
33 42 26 23-0029	EA	48" Diameter Pipe, Flared Precast Concrete End Section	3,773.40	1,063.11
33 42 26 23-0030	EA	54" Diameter Pipe, Flared Precast Concrete End Section	4,220.77	1,190.71
33 42 26 23-0031	EA	60" Diameter Pipe, Flared Precast Concrete End Section	4,676.82	1,322.56
33 42 26 23-0032	EA	66" Diameter Pipe, Flared Precast Concrete End Section	5,452.85	1,523.79
33 42 26 23-0033	EA	72" Diameter Pipe, Flared Precast Concrete End Section	6,351.74	1,700.77
33 42 26 23-0034	EA	78" Diameter Pipe, Flared Precast Concrete End Section	7,200.97	1,913.28
33 42 26 23-0035	EA	84" Diameter Pipe, Flared Precast Concrete End Section	8,297.82	2,125.59
33 42 26 23-0036		Elliptical Precast Concrete End Sections *(33 42 26 23-0001)*		
33 42 26 23-0037	EA	14" x 23" Elliptical Precast Concrete End Section	1,442.89	195.60
33 42 26 23-0038	EA	18" x 24" Elliptical Precast Concrete End Section	1,646.26	233.91
33 42 26 23-0039	EA	19" x 30" Elliptical Precast Concrete End Section	2,012.32	270.73
33 42 26 23-0040	EA	22" x 34" Elliptical Precast Concrete End Section	2,401.46	432.38
33 42 26 23-0041	EA	24" x 38" Elliptical Precast Concrete End Section	2,463.69	595.30
33 42 26 23-0042	EA	27" x 42" Elliptical Precast Concrete End Section	2,902.57	673.63
33 42 26 23-0043	EA	29" x 45" Elliptical Precast Concrete End Section	3,341.44	751.31
33 42 26 23-0044	EA	34" x 53" Elliptical Precast Concrete End Section	3,999.88	942.65
33 42 26 23-0045	EA	38" x 60" Elliptical Precast Concrete End Section	4,317.71	1,063.11
33 42 26 23-0046	EA	43" x 68" Elliptical Precast Concrete End Section	4,829.05	1,190.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 23-0047	EA	48" x 76" Elliptical Precast Concrete End Section	5,349.41	1,322.56
33 42 26 23-0048		**Mitered Precast Concrete End Sections** *(33 42 26 23-0001)*		
33 42 26 23-0049	EA	12" Round Mitered Precast Concrete End Sections	499.03	123.97
33 42 26 23-0050	EA	15" Round Mitered Precast Concrete End Sections	543.73	154.52
33 42 26 23-0051	EA	18" Round Mitered Precast Concrete End Sections	655.59	195.60
33 42 26 23-0052	EA	24" Round Mitered Precast Concrete End Sections	949.33	270.73
33 42 26 23-0053	EA	12" x 18" Elliptical Mitered Precast Concrete End Sections	582.97	154.52
33 42 26 23-0054	EA	14" x 23" Elliptical Mitered Precast Concrete End Sections	725.36	195.60
33 42 26 23-0055	EA	19" x 30" Elliptical Mitered Precast Concrete End Sections	1,034.35	270.73
33 42 31		**Stormwater Area Drains and Inlets** *(33 42)*		
33 42 31 00-0001		Storm Drains *(33 42 31)*		
33 42 31 00-0002		Catch Basins And Inlet Basins *(33 42 31 00-0001)* Note: Includes base slab, opening and grout. Excludes frame, grate, excavation and backfill.		
33 42 31 00-0003		Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0002)* Note: Inside dimensions.		
33 42 31 00-0004		3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*		
33 42 31 00-0005	EA	2' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,674.54	314.37
33 42 31 00-0006	EA	3' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,998.61	368.35
33 42 31 00-0007	EA	4' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,322.70	422.23
33 42 31 00-0008	EA	5' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,646.78	476.20
33 42 31 00-0009	EA	6' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,970.85	530.08
33 42 31 00-0010		3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*		
33 42 31 00-0011	EA	2' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,137.99	312.48
33 42 31 00-0012	EA	3' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,649.23	416.64
33 42 31 00-0013	EA	4' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,387.90	568.15
33 42 31 00-0014	EA	5' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,122.39	662.84
33 42 31 00-0015	EA	6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,708.97	757.53
33 42 31 00-0016		4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*		
33 42 31 00-0017	EA	2' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,297.17	340.89
33 42 31 00-0018	EA	3' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,181.60	473.46
33 42 31 00-0019	EA	4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,893.58	615.49
33 42 31 00-0020	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,496.45	710.18
33 42 31 00-0021	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	5,704.62	909.03
33 42 31 00-0022		Cast In Place, Catch Basin *(33 42 31 00-0002)* Note: Inside span, overall depth. Includes concrete, forms, rebar (where required), finish and curing.		
33 42 31 00-0023		3' x 3', Cast In Place, Catch Basins *(33 42 31 00-0022)*		
33 42 31 00-0024	EA	3' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,141.96	380.09
33 42 31 00-0025	EA	3'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,267.66	404.14
33 42 31 00-0026	EA	4' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,505.52	434.07
33 42 31 00-0027	EA	4'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,804.10	480.46
33 42 31 00-0028	EA	5' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,050.51	511.43
33 42 31 00-0029	EA	5'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,188.20	536.33
33 42 31 00-0030	EA	6' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,434.79	567.30
33 42 31 00-0031	EA	6'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,569.15	592.29
33 42 31 00-0032	EA	7' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,817.38	623.17
33 42 31 00-0033	EA	7'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,953.44	648.16
33 42 31 00-0034	EA	8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	4,199.94	679.12
33 42 31 00-0035	VLF	>8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	525.01	84.85
33 42 31 00-0036		3'-6" x 3'-6", Cast In Place, Catch Basins *(33 42 31 00-0022)*		
33 42 31 00-0037	EA	3' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,454.44	439.37
33 42 31 00-0038	EA	3'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,613.80	470.24
33 42 31 00-0039	EA	4' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,860.05	501.20
33 42 31 00-0040	EA	4'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,208.95	555.08
33 42 31 00-0041	EA	5' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,476.43	590.11
33 42 31 00-0042	EA	5'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,634.98	619.19
33 42 31 00-0043	EA	6' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,905.57	654.22
33 42 31 00-0044	EA	6'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,064.14	683.29
33 42 31 00-0045	EA	7' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,333.14	718.33
33 42 31 00-0046	EA	7'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,491.66	747.40
33 42 31 00-0047	EA	8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,760.77	782.44
33 42 31 00-0048	VLF	>8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	595.11	97.82
33 42 31 00-0049		4' x 4', Cast In Place, Catch Basins *(33 42 31 00-0022)*		
33 42 31 00-0050	EA	3' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,789.02	502.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0051	EA	3'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,956.77	534.54
33 42 31 00-0052	EA	4' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	3,235.06	572.32
33 42 31 00-0053	EA	4'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,634.87	633.77
33 42 31 00-0054	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,926.44	672.88
33 42 31 00-0055	EA	5'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,107.37	706.11
33 42 31 00-0056	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,398.94	745.22
33 42 31 00-0057	EA	6'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,579.91	778.46
33 42 31 00-0058	EA	7' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,871.48	817.57
33 42 31 00-0059	EA	7'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	5,052.41	850.80
33 42 31 00-0060	EA	8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	5,343.98	890.00
33 42 31 00-0061	VLF	>8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	667.96	111.26
33 42 31 00-0062		**4'-6" x 4'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0063	EA	3' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,216.26	582.83
33 42 31 00-0064	EA	3'-6" Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,412.50	615.78
33 42 31 00-0065	EA	4' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,717.79	658.39
33 42 31 00-0066	EA	4'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,173.86	728.27
33 42 31 00-0067	EA	5' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,494.59	772.39
33 42 31 00-0068	EA	5'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,704.78	810.56
33 42 31 00-0069	EA	6' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,025.48	854.69
33 42 31 00-0070	EA	6'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,235.65	892.94
33 42 31 00-0071	EA	7' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,556.39	937.07
33 42 31 00-0072	EA	7'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,764.94	975.22
33 42 31 00-0073	EA	8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,087.27	1,019.35
33 42 31 00-0074	VLF	>8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	760.95	127.46
33 42 31 00-0075		**5' x 5', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0076	EA	4' Deep, 5' x 5' x 6" Thick Wall, Cast In Place, Catch Basin	4,150.33	739.26
33 42 31 00-0077	EA	4'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	4,658.34	816.91
33 42 31 00-0078	EA	5' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,003.54	865.29
33 42 31 00-0079	EA	5'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,236.58	907.71
33 42 31 00-0080	EA	6' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,578.56	956.01
33 42 31 00-0081	EA	6'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,813.22	998.43
33 42 31 00-0082	EA	7' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,156.80	1,046.81
33 42 31 00-0083	EA	7'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,388.25	1,089.24
33 42 31 00-0084	EA	8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	6,733.44	1,137.53
33 42 31 00-0085	VLF	>8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	1,373.80	142.23
33 42 31 00-0086		**5'-6" x 5'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0087	EA	4' Deep, 5'-6" x 5'-6" x 6" Thick Wall, Cast In Place, Catch Basin	4,603.87	824.38
33 42 31 00-0088	EA	4'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,345.28	933.19
33 42 31 00-0089	EA	5' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,724.59	986.97
33 42 31 00-0090	EA	5'-6" Deep, 5'-6" x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,991.70	1,035.17
33 42 31 00-0091	EA	6' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,372.60	1,089.33
33 42 31 00-0092	EA	6'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,641.35	1,137.53
33 42 31 00-0093	EA	7' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,020.65	1,191.69
33 42 31 00-0094	EA	7'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,287.77	1,239.89
33 42 31 00-0095	EA	8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,667.07	1,294.05
33 42 31 00-0096	VLF	>8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	958.39	161.74
33 42 31 00-0097		**6' x 6', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0098	EA	4' Deep, 6' x 6' x 6" Thick Wall, Cast In Place, Catch Basin	5,081.51	913.49
33 42 31 00-0099	EA	4'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	5,898.70	1,032.90
33 42 31 00-0100	EA	5' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,303.04	1,091.41
33 42 31 00-0101	EA	5'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,595.24	1,143.97
33 42 31 00-0102	EA	6' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,997.95	1,202.48
33 42 31 00-0103	EA	6'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,291.76	1,255.04
33 42 31 00-0104	EA	7' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,694.50	1,313.56
33 42 31 00-0105	EA	7'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,986.67	1,366.11
33 42 31 00-0106	EA	8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	8,391.00	1,424.63
33 42 31 00-0107	VLF	>8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	1,048.92	178.12
33 42 31 00-0108		**6'-6" x 6'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0109	EA	4' Deep, 6'-6" x 6'-6" x 6" Thick Wall, Cast In Place, Catch Basin	5,580.04	1,006.85
33 42 31 00-0110	EA	4'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,704.11	1,166.50
33 42 31 00-0111	EA	5' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,145.95	1,231.27
33 42 31 00-0112	EA	5'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,477.17	1,290.07
33 42 31 00-0113	EA	6' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,919.01	1,354.75
33 42 31 00-0114	EA	6'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,250.24	1,413.64
33 42 31 00-0115	EA	7' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,692.09	1,478.32
33 42 31 00-0116	EA	7'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,023.30	1,537.12
33 42 31 00-0117	EA	8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,466.76	1,601.89
33 42 31 00-0118	VLF	>8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,183.30	200.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0119		**7' x 7', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0120	EA	4' Deep, 7' x 7' x 6" Thick Wall, Cast In Place, Catch Basin	6,101.24	1,104.29
33 42 31 00-0121	EA	4'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	7,331.96	1,278.52
33 42 31 00-0122	EA	5' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	7,799.43	1,347.84
33 42 31 00-0123	EA	5'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	8,154.76	1,411.09
33 42 31 00-0124	EA	6' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	8,623.74	1,480.31
33 42 31 00-0125	EA	6'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	8,979.07	1,543.66
33 42 31 00-0126	EA	7' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	9,446.54	1,612.88
33 42 31 00-0127	EA	7'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	9,803.48	1,676.22
33 42 31 00-0128	EA	8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	10,270.86	1,745.45
33 42 31 00-0129	VLF	>8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	1,283.90	218.17
33 42 31 00-0130		**7'-6" x 7'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0131	EA	4' Deep, 7'-6" x 7'-6" x 6" Thick Wall, Cast In Place, Catch Basin	6,905.64	1,239.41
33 42 31 00-0132	EA	4'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,985.53	1,395.09
33 42 31 00-0133	EA	5' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,477.02	1,468.85
33 42 31 00-0134	EA	5'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,859.58	1,536.65
33 42 31 00-0135	EA	6' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,352.59	1,610.42
33 42 31 00-0136	EA	6'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,735.14	1,678.22
33 42 31 00-0137	EA	7' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,226.63	1,751.98
33 42 31 00-0138	EA	7'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	10,609.18	1,819.78
33 42 31 00-0139	EA	8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	11,102.29	1,893.54
33 42 31 00-0140	VLF	>8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,387.75	236.72
33 42 31 00-0141		**8' x 8', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0142	EA	4' Deep, 8' x 8' x 6" Thick Wall, Cast In Place, Catch Basin	7,496.74	1,348.50
33 42 31 00-0143	EA	4'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	8,663.02	1,516.20
33 42 31 00-0144	EA	5' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	9,180.23	1,594.41
33 42 31 00-0145	EA	5'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	9,588.41	1,666.76
33 42 31 00-0146	EA	6' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	10,105.52	1,744.97
33 42 31 00-0147	EA	6'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	10,510.44	1,817.32
33 42 31 00-0148	EA	7' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	11,030.81	1,895.53
33 42 31 00-0149	EA	7'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	11,438.98	1,967.88
33 42 31 00-0150	EA	8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	11,947.69	2,046.09
33 42 31 00-0151	VLF	>8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	1,494.52	255.76
33 42 31 00-0152		**Precast Concrete Catch Basins** *(33 42 31 00-0002)* Note: Inside dimensions.		
33 42 31 00-0153		**1'-6" Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0154	EA	4' Deep, 1'-6" Diameter Precast Catch Basins	674.33	215.46
33 42 31 00-0155	EA	6' Deep, 1'-6" Diameter Precast Catch Basins	941.35	323.19
33 42 31 00-0156	EA	8' Deep, 1'-6" Diameter Precast Catch Basins	1,195.71	420.14
33 42 31 00-0157	EA	10' Deep, 1'-6" Diameter Precast Catch Basins	1,430.51	496.63
33 42 31 00-0158	EA	12' Deep, 1'-6" Diameter Precast Catch Basins	1,764.51	630.21
33 42 31 00-0159	EA	14' Deep, 1'-6" Diameter Precast Catch Basins	2,019.55	727.17
33 42 31 00-0160	VLF	Vertical Linear Foot Over 14' Deep, 1'-6" Diameter Precast Catch Basins	140.92	48.48
33 42 31 00-0161		**2' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0162	EA	4' Deep, 2' Diameter Precast Catch Basin	767.54	239.70
33 42 31 00-0163	EA	6' Deep, 2' Diameter Precast Catch Basin	1,065.64	355.51
33 42 31 00-0164	EA	8' Deep, 2' Diameter Precast Catch Basin	1,348.19	468.62
33 42 31 00-0165	EA	10' Deep, 2' Diameter Precast Catch Basin	1,607.59	546.72
33 42 31 00-0166	EA	12' Deep, 2' Diameter Precast Catch Basin	1,995.32	700.23
33 42 31 00-0167	EA	14' Deep, 2' Diameter Precast Catch Basin	2,280.85	807.97
33 42 31 00-0168	VLF	Vertical Linear Foot Over 14' Deep, 2' Diameter Precast Catch Basin	159.22	58.17
33 42 31 00-0169		**3' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0170	EA	4' Deep, 3' Diameter Precast Catch Basin	1,007.58	282.78
33 42 31 00-0171	EA	6' Deep, 3' Diameter Precast Catch Basin	1,380.25	417.98
33 42 31 00-0172	EA	8' Deep, 3' Diameter Precast Catch Basin	1,738.39	552.11
33 42 31 00-0173	EA	10' Deep, 3' Diameter Precast Catch Basin	2,164.96	689.46
33 42 31 00-0174	EA	12' Deep, 3' Diameter Precast Catch Basin	2,558.90	821.97
33 42 31 00-0175	EA	14' Deep, 3' Diameter Precast Catch Basin	2,939.97	956.63
33 42 31 00-0176	VLF	Vertical Linear Foot Over 14' Deep, 3' Diameter Precast Catch Basin	202.65	68.33
33 42 31 00-0177		**4' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0178	EA	4' Deep, 4' Diameter Precast Catch Basin	1,214.54	314.57
33 42 31 00-0179	EA	6' Deep, 4' Diameter Precast Catch Basin	1,583.06	430.91
33 42 31 00-0180	EA	8' Deep, 4' Diameter Precast Catch Basin	2,130.80	646.37
33 42 31 00-0181	EA	10' Deep, 4' Diameter Precast Catch Basin	2,659.05	807.97
33 42 31 00-0182	EA	12' Deep, 4' Diameter Precast Catch Basin	3,145.36	969.56
33 42 31 00-0183	EA	14' Deep, 4' Diameter Precast Catch Basin	3,617.51	1,131.14
33 42 31 00-0184	VLF	Vertical Linear Foot Over 14' Deep, 4' Diameter Precast Catch Basin	248.76	80.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0185		**5' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0186	EA	4' Deep, 5' Diameter Precast Catch Basin	1,636.23	430.91
33 42 31 00-0187	EA	6' Deep, 5' Diameter Precast Catch Basin	2,248.94	646.37
33 42 31 00-0188	EA	8' Deep, 5' Diameter Precast Catch Basin	2,864.84	861.83
33 42 31 00-0189	EA	10' Deep, 5' Diameter Precast Catch Basin	3,506.65	1,077.29
33 42 31 00-0190	EA	12' Deep, 5' Diameter Precast Catch Basin	4,139.84	1,292.74
33 42 31 00-0191	EA	14' Deep, 5' Diameter Precast Catch Basin	4,820.01	1,508.20
33 42 31 00-0192	VLF	Vertical Linear Foot Over 14' Deep, 5' Diameter Precast Catch Basin	331.02	107.73
33 42 31 00-0193		**6' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0194	EA	4' Deep, 6' Diameter Precast Catch Basin	2,396.63	646.37
33 42 31 00-0195	EA	6' Deep, 6' Diameter Precast Catch Basin	3,263.51	969.56
33 42 31 00-0196	EA	8' Deep, 6' Diameter Precast Catch Basin	4,188.46	1,292.74
33 42 31 00-0197	EA	10' Deep, 6' Diameter Precast Catch Basin	5,220.80	1,615.93
33 42 31 00-0198	EA	12' Deep, 6' Diameter Precast Catch Basin	6,223.61	1,939.11
33 42 31 00-0199	EA	14' Deep, 6' Diameter Precast Catch Basin	7,205.30	2,262.30
33 42 31 00-0200	VLF	Vertical Linear Foot Over 14' Deep, 6' Diameter Precast Catch Basin	493.58	161.59
33 42 31 00-0201		**Precast Catch Basins Accessories** *(33 42 31 00-0152)*		
33 42 31 00-0202	EA	Single Or Double Wing Slab Top With Throat	1,495.41	700.23
33 42 31 00-0203	EA	4' x 4' Weir Box, Precast Catch Basin	649.76	86.18
33 42 31 00-0204	EA	4' Diameter Inlet Round To Square Adapter, Precast Catch Basin	372.39	91.57
33 42 31 00-0205	EA	3' Diameter, Up To 6" High, Precast Extension Ring	467.31	134.66
		For Each Additional Inch In Height, Add	*55.42*	
33 42 31 00-0206	EA	4' Diameter, Up To 6" High, Precast Extension Ring	551.68	161.59
		For Each Additional Inch In Height, Add	*64.99*	
33 42 31 00-0207	EA	5' Diameter, Up To 6" High, Precast Extension Ring	643.41	188.52
		For Each Additional Inch In Height, Add	*75.85*	
33 42 31 00-0208	EA	6' Diameter, Up To 6" High, Precast Extension Ring	810.80	269.32
		For Each Additional Inch In Height, Add	*90.29*	
33 42 31 00-0209	EA	Adjust Existing Catch Basin Inlet Grate To Match Grade	646.33	
33 42 31 00-0210		**Catch Basin Risers** *(33 42 31 00-0152)*		
33 42 31 00-0211	EA	Up To 860 Square Inch, Up to 2" Rise, Catch Basin Riser	397.84	
33 42 31 00-0212	EA	>860 To 1140 Square Inch, Up To 2" Rise, Catch Basin Riser	444.23	
33 42 31 00-0213	EA	>1140 Square Inch, Up To 2" Rise, Catch Basin Riser	499.38	
33 42 31 00-0214	EA	Up To 860 Square Inch, >2" To 3" Rise, Catch Basin Riser	428.31	
33 42 31 00-0215	EA	>860 To 1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	477.80	
33 42 31 00-0216	EA	>1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	538.93	
33 42 31 00-0217	EA	Up To 860 Square Inch, >3" To 4" Rise, Catch Basin Riser	473.83	
33 42 31 00-0218	EA	>860 To 1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	517.79	
33 42 31 00-0219	EA	>1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	579.13	
33 42 31 00-0220		**Cast In Place, Storm Drain Cleanout** *(33 42 31 00-0002)*		
		Note: Inside span.		
33 42 31 00-0221	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	4,524.40	749.77
33 42 31 00-0222	EA	6' Deep, 4' x 5' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	5,140.32	855.63
33 42 31 00-0223	EA	6' Deep, 4' x 6' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	5,832.46	971.06
33 42 31 00-0224	EA	7' Deep, 4' x 7' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	6,998.31	1,164.89
33 42 31 00-0225	EA	8' Deep, 4' x 8' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	8,497.27	1,406.35
33 42 31 00-0226		**Precast Concrete Inlet Boxes** *(33 42 31 00-0002)*		
		Note: Inside dimensions.		
33 42 31 00-0227		**Precast Concrete Inlet Boxes** *(33 42 31 00-0226)*		
33 42 31 00-0228		**24" x 24" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
		Note: Yard inlet.		
33 42 31 00-0229		**24" x 24" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0228)*		
33 42 31 00-0230	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box	699.76	75.40
33 42 31 00-0231	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box	823.57	91.57
33 42 31 00-0232	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box	947.38	107.73
33 42 31 00-0233	EA	42" Height, 24" x 24" ID, Precast Concrete Inlet Box	1,072.53	124.56
33 42 31 00-0234		**24" x 24" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0228)*		
33 42 31 00-0235	EA	6" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	183.06	
33 42 31 00-0236	EA	12" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	290.71	
33 42 31 00-0237	EA	18" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	409.13	
33 42 31 00-0238	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	527.55	
33 42 31 00-0239	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	645.97	
33 42 31 00-0240	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	764.40	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0241		**22" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0242		**22" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0241)*		
33 42 31 00-0243	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,454.40	212.84
33 42 31 00-0244	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,638.15	246.09
33 42 31 00-0245	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,821.92	279.34
33 42 31 00-0246	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,005.83	312.68
33 42 31 00-0247	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,189.75	346.01
33 42 31 00-0248	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,373.66	379.35
33 42 31 00-0249	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,557.57	412.69
33 42 31 00-0250		**22" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0241)*		
33 42 31 00-0251	EA	6" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	358.99	
33 42 31 00-0252	EA	12" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	567.16	
33 42 31 00-0253	EA	18" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	621.05	
33 42 31 00-0254	EA	24" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	792.17	
33 42 31 00-0255	EA	30" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	963.26	
33 42 31 00-0256	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,129.13	
33 42 31 00-0257	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,312.89	
33 42 31 00-0258	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,496.65	
33 42 31 00-0259	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,680.57	
33 42 31 00-0260	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,864.48	
33 42 31 00-0261	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,048.40	
33 42 31 00-0262	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,232.31	
33 42 31 00-0263		**30" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0264		**30" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0263)*		
33 42 31 00-0265	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,411.31	234.12
33 42 31 00-0266	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,596.38	270.70
33 42 31 00-0267	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,781.45	307.28
33 42 31 00-0268	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,966.70	343.95
33 42 31 00-0269	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,151.95	380.62
33 42 31 00-0270	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,337.19	417.29
33 42 31 00-0271	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,522.45	453.95
33 42 31 00-0272		**30" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0263)*		
33 42 31 00-0273	EA	6" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	358.35	
33 42 31 00-0274	EA	12" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	559.19	
33 42 31 00-0275	EA	18" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	614.54	
33 42 31 00-0276	EA	24" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	782.85	
33 42 31 00-0277	EA	30" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	951.16	
33 42 31 00-0278	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,118.42	
33 42 31 00-0279	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,300.56	
33 42 31 00-0280	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,481.63	
33 42 31 00-0281	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,663.78	
33 42 31 00-0282	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,844.86	
33 42 31 00-0283	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,027.00	
33 42 31 00-0284	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,209.15	
33 42 31 00-0285		**42" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0286		**42" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0285)*		
33 42 31 00-0287	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box	1,671.57	255.40
33 42 31 00-0288	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box	1,888.65	296.91
33 42 31 00-0289	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,105.73	339.47
33 42 31 00-0290	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,321.74	380.98
33 42 31 00-0291	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,538.83	423.54
33 42 31 00-0292	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,755.91	465.04
33 42 31 00-0293	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,971.92	506.55
33 42 31 00-0294		**42" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0285)*		
33 42 31 00-0295	EA	6" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	393.21	
33 42 31 00-0296	EA	12" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	626.77	
33 42 31 00-0297	EA	18" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	683.71	
33 42 31 00-0298	EA	24" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	873.66	
33 42 31 00-0299	EA	30" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,063.60	
33 42 31 00-0300	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,253.54	
33 42 31 00-0301	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,457.85	
33 42 31 00-0302	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,662.17	
33 42 31 00-0303	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,866.48	
33 42 31 00-0304	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,070.80	
33 42 31 00-0305	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,275.11	
33 42 31 00-0306	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,479.42	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0307		**42" x 48" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0285)*		
33 42 31 00-0308	EA	42" x 48" ID, Precast Concrete Inlet Box Top Slab	952.73	159.62
33 42 31 00-0309		**48" x 54" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0310		**48" x 54" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0309)*		
33 42 31 00-0311	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box	2,347.83	283.78
33 42 31 00-0312	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box	2,635.06	330.43
33 42 31 00-0313	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box	2,922.31	377.07
33 42 31 00-0314	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,209.22	423.54
33 42 31 00-0315	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,496.12	470.02
33 42 31 00-0316	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,783.03	516.49
33 42 31 00-0317	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box	4,069.94	562.97
33 42 31 00-0318		**48" x 54" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0309)*		
33 42 31 00-0319	EA	6" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	396.15	
33 42 31 00-0320	EA	12" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	618.48	
33 42 31 00-0321	EA	18" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	901.13	
33 42 31 00-0322	EA	24" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,183.76	
33 42 31 00-0323	EA	30" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,448.67	
33 42 31 00-0324	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,731.31	
33 42 31 00-0325	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,018.55	
33 42 31 00-0326	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,305.80	
33 42 31 00-0327	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,592.71	
33 42 31 00-0328	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,879.61	
33 42 31 00-0329	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	3,166.52	
33 42 31 00-0330	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	3,453.43	
33 42 31 00-0331		**48" x 54" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0309)*		
33 42 31 00-0332	EA	48" x 54" ID, Precast Concrete Inlet Box Top Slab	1,035.29	172.92
33 42 31 00-0333		**48" x 66" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0334		**48" x 66" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0333)*		
33 42 31 00-0335	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box	2,715.79	357.56
33 42 31 00-0336	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,034.18	417.30
33 42 31 00-0337	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,352.56	477.05
33 42 31 00-0338	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,670.31	536.46
33 42 31 00-0339	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,988.04	595.87
33 42 31 00-0340	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box	4,305.77	655.28
33 42 31 00-0341	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box	4,623.51	714.69
33 42 31 00-0342		**48" x 66" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0333)*		
33 42 31 00-0343	EA	6" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	437.28	
33 42 31 00-0344	EA	12" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	665.99	
33 42 31 00-0345	EA	18" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	984.09	
33 42 31 00-0346	EA	24" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,302.19	
33 42 31 00-0347	EA	30" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,590.49	
33 42 31 00-0348	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,908.60	
33 42 31 00-0349	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,226.99	
33 42 31 00-0350	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,545.37	
33 42 31 00-0351	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,863.11	
33 42 31 00-0352	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,180.84	
33 42 31 00-0353	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,498.57	
33 42 31 00-0354	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,816.31	
33 42 31 00-0355		**48" x 66" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0333)*		
33 42 31 00-0356	EA	48" x 66" ID, Precast Concrete Inlet Box Top Slab	1,151.43	193.69
33 42 31 00-0357		**42" x 102" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0358		**42" x 102" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0357)*		
33 42 31 00-0359	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box	3,411.84	482.08
33 42 31 00-0360	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box	3,815.82	561.88
33 42 31 00-0361	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box	4,219.81	640.63
33 42 31 00-0362	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box	4,622.73	720.45
33 42 31 00-0363	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box	5,026.72	799.20
33 42 31 00-0364	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box	5,429.64	877.95
33 42 31 00-0365	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box	5,834.69	957.76
33 42 31 00-0366		**42" x 102" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0357)*		
33 42 31 00-0367	EA	6" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	589.15	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0368	EA	12" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	882.46	
33 42 31 00-0369	EA	18" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,279.00	
33 42 31 00-0370	EA	24" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,675.55	
33 42 31 00-0371	EA	30" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,041.22	
33 42 31 00-0372	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,437.75	
33 42 31 00-0373	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,841.74	
33 42 31 00-0374	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,245.72	
33 42 31 00-0375	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,648.65	
33 42 31 00-0376	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,052.63	
33 42 31 00-0377	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,455.55	
33 42 31 00-0378	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,859.55	
33 42 31 00-0379		**42" x 102" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0357)*		
33 42 31 00-0380	EA	42" x 102" ID, Precast Concrete Inlet Box Top Slab	1,554.84	212.84
33 42 31 00-0381		**Frames And Grates For Inlets** *(33 42 31 00-0226)*		
33 42 31 00-0382		**Inlet Frames And Grates** *(33 42 31 00-0381)*		
33 42 31 00-0383	EA	24" x 24", Heavy Duty Inlet Grate Note: For type A, B, D, or E inlets.	396.67	49.73
33 42 31 00-0384	EA	47-3/4" x 21-3/4", Bicycle Safe Inlet Grate (US Foundry 6352 GRT) Note: For type A, B, D, or E inlets.	514.83	49.73
33 42 31 00-0385	EA	47-3/4" x 21-3/4", Phase II Stormwater Compliant Inlet Grate (US Foundry 6352 GRT) Note: Includes legend: Dump No Waste "Drains To Waterways".	514.83	49.73
33 42 31 00-0386	EA	Phase II Storm Water Compliant Grate, Echo Grate, Type "B" And "D" Inlet Covers (US Foundry 6352 GRT Note: Legend: Dump No Waste "Drains to Waterways"	514.83	49.73
33 42 31 00-0387	EA	Parallel Bar Grates For Type A, B, D And E Inlets (Campbell Foundry 2617-0362)	564.28	49.73
33 42 31 00-0388	EA	Type B Inlet Dirt Plate (US Foundry 5217 BK)	416.49	99.45
33 42 31 00-0389	EA	Back Plate For Type B Inlets (Campbell Foundry 2548-1942)	485.72	99.45
33 42 31 00-0390	EA	Phase II Echo-Safe Bar For Series 2500/2600 Curb Inlets (Campbell Foundry 25419EC4) Note: Includes cam action clamping system, stainless steel badge labeled to center of plate, steel plate welded to bar with legend: Dump No Waste "Drains to Waterways".	604.68	124.32
33 42 31 00-0391	EA	1-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	515.67	124.32
33 42 31 00-0392	EA	2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	525.56	124.32
33 42 31 00-0393	EA	2-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	545.34	124.32
33 42 31 00-0394	EA	3" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	565.12	124.32
33 42 31 00-0395	EA	2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	545.34	124.32
33 42 31 00-0396	EA	2-1/2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	565.12	124.32
33 42 31 00-0397	EA	3" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	584.90	124.32
33 42 31 00-0398	EA	2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	842.05	124.32
33 42 31 00-0399	EA	2-1/2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	881.61	124.32
33 42 31 00-0400	EA	3" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	921.17	124.32
33 42 31 00-0401	EA	2", 3 Sided Extension Frame For Type A, B, D, And E Inlet (Campbell Foundry 2701)	624.46	124.32
33 42 31 00-0402	EA	6" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N6)	565.12	124.32
33 42 31 00-0403	EA	8" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N8)	565.12	124.32
33 42 31 00-0404	EA	6" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-6)	1,160.22	124.32
33 42 31 00-0405	EA	8" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-8)	1,160.22	124.32
33 42 31 00-0406	EA	Safety Bars For Type B And D Inlets (General Foundries 5218 SB)	471.30	136.75
33 42 31 00-0407	EA	6", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 648) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	659.21	136.75
33 42 31 00-0408	EA	8", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 848) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	659.21	136.75
33 42 31 00-0409	EA	10", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 1048) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	728.44	136.75
33 42 31 00-0410	EA	Type B Inlet Frame (US Foundry 5216 FRM)	837.24	136.75
33 42 31 00-0411	EA	Type D Inlet Frame (US Foundry 2999 FRM)	718.55	136.75
33 42 31 00-0412	EA	Type B Inlet Frame (Campbell Foundry 2618-0202)	1,025.15	136.75
33 42 31 00-0413	EA	Type D Inlet Frame (Campbell Foundry 2617-0002)	906.47	136.75
33 42 31 00-0414	EA	Type A Inlet, Single Frame And Grate (US Foundry 52340)	1,169.25	198.91
33 42 31 00-0415	EA	Type E Inlet, Single Frame And Grate (US Foundry 52342)	1,881.34	198.91
33 42 31 00-0416	EA	Type A Inlet, Single Frame And Grate (General Foundries 52340)	1,139.58	198.91
33 42 31 00-0417	EA	Type E Inlet, Double Frame And Grate (General Foundries 52342)	1,788.37	198.91
33 42 31 00-0418	EA	Oversized Type A Inlet, Single Frame And Reticuline Grate (US Foundry 82340)	1,912.11	298.36
33 42 31 00-0419	EA	Heavy Duty Rectangular Frame And Grate (Campbell Foundry 3084)	1,961.60	397.82
33 42 31 00-0420	EA	6" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52186)	2,150.57	397.82
33 42 31 00-0421	EA	8" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52198)	2,150.57	397.82
33 42 31 00-0422	EA	6" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72266)	1,903.32	397.82
33 42 31 00-0423	EA	8" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72268)	1,903.32	397.82
33 42 31 00-0424	EA	Type B And C Inlet Frame And Grate With Type N Curb And Back Plate (Campbell Foundry GFI 52198)	2,229.69	397.82
33 42 31 00-0425		**Concrete Drainage Inlet Structures (CALTRANS)** *(33 42 31 00-0001)*		
33 42 31 00-0426		**Type OS Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0427	EA	3' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,544.38	
33 42 31 00-0428	EA	4' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,955.99	
33 42 31 00-0429	EA	5' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,338.15	
33 42 31 00-0430	EA	6' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,690.88	
33 42 31 00-0431	EA	7' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	4,014.16	
33 42 31 00-0432	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	4,307.98	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0433	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	5,861.94	
33 42 31 00-0434	EA	10' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	6,833.81	
33 42 31 00-0435	EA	12' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	7,730.84	
33 42 31 00-0436	EA	14' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	8,555.18	
33 42 31 00-0437	EA	16' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	9,348.38	
33 42 31 00-0438	EA	18' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	10,077.63	
33 42 31 00-0439	EA	20' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	10,742.89	
33 42 31 00-0440		**Type OL-7 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0441	EA	3' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,464.69	
33 42 31 00-0442	EA	4' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,849.40	
33 42 31 00-0443	EA	5' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,204.65	
33 42 31 00-0444	EA	6' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,530.45	
33 42 31 00-0445	EA	7' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,825.74	
33 42 31 00-0446	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,092.64	
33 42 31 00-0447	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,600.44	
33 42 31 00-0448	EA	10' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,549.59	
33 42 31 00-0449	EA	12' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,423.89	
33 42 31 00-0450	EA	14' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,224.41	
33 42 31 00-0451	EA	16' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,997.93	
33 42 31 00-0452	EA	18' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,707.48	
33 42 31 00-0453	EA	20' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,353.05	
33 42 31 00-0454		**Type OL-10 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0455	EA	3' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,312.83	
33 42 31 00-0456	EA	4' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,672.96	
33 42 31 00-0457	EA	5' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,002.55	
33 42 31 00-0458	EA	6' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,303.79	
33 42 31 00-0459	EA	7' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,574.50	
33 42 31 00-0460	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,815.78	
33 42 31 00-0461	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,338.95	
33 42 31 00-0462	EA	10' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,264.28	
33 42 31 00-0463	EA	12' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,116.93	
33 42 31 00-0464	EA	14' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,894.73	
33 42 31 00-0465	EA	16' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,647.48	
33 42 31 00-0466	EA	18' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,337.33	
33 42 31 00-0467	EA	20' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,962.14	
33 42 31 00-0468		**Type OL-14 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0469	EA	3' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,521.86	
33 42 31 00-0470	EA	4' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,845.70	
33 42 31 00-0471	EA	5' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,140.10	
33 42 31 00-0472	EA	6' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,405.05	
33 42 31 00-0473	EA	7' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,640.55	
33 42 31 00-0474	EA	8' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,846.61	
33 42 31 00-0475	EA	8' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,385.17	
33 42 31 00-0476	EA	10' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,278.21	
33 42 31 00-0477	EA	12' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,097.50	
33 42 31 00-0478	EA	14' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,843.00	
33 42 31 00-0479	EA	16' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,568.84	
33 42 31 00-0480	EA	18' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,229.61	
33 42 31 00-0481	EA	20' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,826.44	
33 42 31 00-0482		**Type OL-21 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0483	EA	3' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,976.02	
33 42 31 00-0484	EA	4' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	8,227.72	
33 42 31 00-0485	EA	5' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	8,450.01	
33 42 31 00-0486	EA	6' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	8,642.82	
33 42 31 00-0487	EA	7' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	8,805.12	
33 42 31 00-0488	EA	8' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	8,939.06	
33 42 31 00-0489	EA	8' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,431.46	
33 42 31 00-0490	EA	10' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,260.87	
33 42 31 00-0491	EA	12' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,016.51	
33 42 31 00-0492	EA	14' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,698.38	
33 42 31 00-0493	EA	16' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,368.99	
33 42 31 00-0494	EA	18' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,974.56	
33 42 31 00-0495	EA	20' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,516.16	
33 42 31 00-0496		**Type GOL-7 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0497	EA	3' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,204.55	
33 42 31 00-0498	EA	4' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,629.16	
33 42 31 00-0499	EA	5' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,019.97	
33 42 31 00-0500	EA	6' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,376.96	
33 42 31 00-0501	EA	7' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,701.20	
33 42 31 00-0502	EA	8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,992.71	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0503	EA	8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,631.27	
33 42 31 00-0504	EA	10' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,688.37	
33 42 31 00-0505	EA	12' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,662.52	
33 42 31 00-0506	EA	14' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,552.64	
33 42 31 00-0507	EA	16' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,414.26	
33 42 31 00-0508	EA	18' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,203.91	
33 42 31 00-0509	EA	20' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,920.53	
33 42 31 00-0510		**Type GOL-10 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0511	EA	3' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,124.87	
33 42 31 00-0512	EA	4' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,521.48	
33 42 31 00-0513	EA	5' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,885.37	
33 42 31 00-0514	EA	6' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,216.53	
33 42 31 00-0515	EA	7' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,513.86	
33 42 31 00-0516	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,777.37	
33 42 31 00-0517	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,415.95	
33 42 31 00-0518	EA	10' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,448.29	
33 42 31 00-0519	EA	12' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,397.67	
33 42 31 00-0520	EA	14' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,264.11	
33 42 31 00-0521	EA	16' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,104.19	
33 42 31 00-0522	EA	18' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,872.32	
33 42 31 00-0523	EA	20' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,568.49	
33 42 31 00-0524		**Type G-1 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0525	EA	3' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,714.30	
33 42 31 00-0526	EA	4' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,049.50	
33 42 31 00-0527	EA	5' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,359.99	
33 42 31 00-0528	EA	6' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,647.94	
33 42 31 00-0529	EA	7' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,913.35	
33 42 31 00-0530	EA	8' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,154.05	
33 42 31 00-0531		**Type G-2 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0532	EA	3' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,363.93	
33 42 31 00-0533	EA	4' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,740.63	
33 42 31 00-0534	EA	5' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,090.40	
33 42 31 00-0535	EA	6' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,413.27	
33 42 31 00-0536	EA	7' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,709.22	
33 42 31 00-0537	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,977.19	
33 42 31 00-0538	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,384.98	
33 42 31 00-0539	EA	10' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,281.63	
33 42 31 00-0540	EA	12' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,110.48	
33 42 31 00-0541	EA	14' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,871.50	
33 42 31 00-0542	EA	16' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,603.87	
33 42 31 00-0543	EA	18' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,277.46	
33 42 31 00-0544	EA	20' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,891.19	
33 42 31 00-0545		**Type G-3 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0546	EA	3' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,858.66	
33 42 31 00-0547	EA	4' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,189.17	
33 42 31 00-0548	EA	5' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,496.06	
33 42 31 00-0549	EA	6' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,780.40	
33 42 31 00-0550	EA	7' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,040.04	
33 42 31 00-0551	EA	8' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,277.14	
33 42 31 00-0552		**Type G-4_24 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0553	EA	3' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,291.75	
33 42 31 00-0554	EA	4' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,670.79	
33 42 31 00-0555	EA	5' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,022.90	
33 42 31 00-0556	EA	6' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,347.04	
33 42 31 00-0557	EA	7' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,645.34	
33 42 31 00-0558	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,915.65	
33 42 31 00-0559	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,354.20	
33 42 31 00-0560	EA	10' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,252.58	
33 42 31 00-0561	EA	12' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,082.05	
33 42 31 00-0562	EA	14' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,843.71	
33 42 31 00-0563	EA	16' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,576.58	
33 42 31 00-0564	EA	18' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,250.68	
33 42 31 00-0565	EA	20' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,866.00	
33 42 31 00-0566		**Type G-4_18 Concrete Drainage Inlet Structure** *(33 42 31 00-0425)*		
33 42 31 00-0567	EA	3' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,363.93	
33 42 31 00-0568	EA	4' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,740.63	
33 42 31 00-0569	EA	5' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,090.40	
33 42 31 00-0570	EA	6' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,413.27	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0571	EA	7' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,709.22	
33 42 31 00-0572	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,977.19	
33 42 31 00-0573	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,384.98	
33 42 31 00-0574	EA	10' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,281.63	
33 42 31 00-0575	EA	12' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,110.48	
33 42 31 00-0576	EA	14' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,871.50	
33 42 31 00-0577	EA	16' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,603.87	
33 42 31 00-0578	EA	18' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,277.46	
33 42 31 00-0579	EA	20' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,891.19	
33 42 31 00-0580		Type G-5 Concrete Drainage Inlet Structure *(33 42 31 00-0425)*		
33 42 31 00-0581	EA	3' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,840.61	
33 42 31 00-0582	EA	4' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,171.44	
33 42 31 00-0583	EA	5' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,479.72	
33 42 31 00-0584	EA	6' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,763.31	
33 42 31 00-0585	EA	7' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,024.33	
33 42 31 00-0586	EA	8' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,261.76	
33 42 31 00-0587		Type G-6 Concrete Drainage Inlet Structure *(33 42 31 00-0425)*		
33 42 31 00-0588	EA	3' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,876.71	
33 42 31 00-0589	EA	4' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,206.90	
33 42 31 00-0590	EA	5' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,513.47	
33 42 31 00-0591	EA	6' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,796.42	
33 42 31 00-0592	EA	7' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,055.75	
33 42 31 00-0593	EA	8' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,292.52	
33 42 31 00-0594		Type GT1 Concrete Drainage Inlet Structure *(33 42 31 00-0425)*		
33 42 31 00-0595	EA	3' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,139.88	
33 42 31 00-0596	EA	4' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,656.53	
33 42 31 00-0597	EA	5' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,171.33	
33 42 31 00-0598	EA	6' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,579.59	
33 42 31 00-0599	EA	7' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,984.91	
33 42 31 00-0600	EA	8' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,354.20	
33 42 31 00-0601		Type GT2 Concrete Drainage Inlet Structure *(33 42 31 00-0425)*		
33 42 31 00-0602	EA	3' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,807.56	
33 42 31 00-0603	EA	4' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,370.02	
33 42 31 00-0604	EA	5' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,890.86	
33 42 31 00-0605	EA	6' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,371.19	
33 42 31 00-0606	EA	7' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,809.91	
33 42 31 00-0607	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,208.11	
33 42 31 00-0608	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,308.25	
33 42 31 00-0609	EA	10' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,630.18	
33 42 31 00-0610	EA	12' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,850.57	
33 42 31 00-0611	EA	14' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,970.46	
33 42 31 00-0612	EA	16' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,049.79	
33 42 31 00-0613	EA	18' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,040.98	
33 42 31 00-0614	EA	20' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,944.02	
33 42 31 00-0615		Type GT3 Concrete Drainage Inlet Structure *(33 42 31 00-0425)*		
33 42 31 00-0616	EA	3' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,121.83	
33 42 31 00-0617	EA	4' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,638.80	
33 42 31 00-0618	EA	5' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,119.74	
33 42 31 00-0619	EA	6' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,563.56	
33 42 31 00-0620	EA	7' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,969.21	
33 42 31 00-0621	EA	8' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,338.82	
33 42 31 00-0622		Type GT4 Concrete Drainage Inlet Structure *(33 42 31 00-0425)*		
33 42 31 00-0623	EA	3' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,933.87	
33 42 31 00-0624	EA	4' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,491.96	
33 42 31 00-0625	EA	5' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,009.52	
33 42 31 00-0626	EA	6' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,485.48	
33 42 31 00-0627	EA	7' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,920.91	
33 42 31 00-0628	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,315.80	
33 42 31 00-0629	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,323.63	
33 42 31 00-0630	EA	10' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,645.26	
33 42 31 00-0631	EA	12' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,865.31	
33 42 31 00-0632	EA	14' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,983.81	
33 42 31 00-0633	EA	16' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,062.89	
33 42 31 00-0634	EA	18' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,053.83	
33 42 31 00-0635	EA	20' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	14,956.62	
33 42 31 00-0636		Type GO Concrete Drainage Inlet Structure *(33 42 31 00-0425)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0637	EA	3' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,237.62	
33 42 31 00-0638	EA	4' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,600.95	
33 42 31 00-0639	EA	5' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,938.00	
33 42 31 00-0640	EA	6' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,248.78	
33 42 31 00-0641	EA	7' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,533.27	
33 42 31 00-0642	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,792.56	
33 42 31 00-0643	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	5,215.73	
33 42 31 00-0644	EA	10' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,085.74	
33 42 31 00-0645	EA	12' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,888.24	
33 42 31 00-0646	EA	14' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,625.40	
33 42 31 00-0647	EA	16' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,336.19	
33 42 31 00-0648	EA	18' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,988.23	
33 42 31 00-0649	EA	20' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	9,583.70	
33 42 31 00-0650		Type GDO Concrete Drainage Inlet Structure *(33 42 31 00-0425)*		
33 42 31 00-0651	EA	3' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,923.34	
33 42 31 00-0652	EA	4' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,400.92	
33 42 31 00-0653	EA	5' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,844.12	
33 42 31 00-0654	EA	6' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,254.01	
33 42 31 00-0655	EA	7' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,628.44	
33 42 31 00-0656	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,969.57	
33 42 31 00-0657	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,708.13	
33 42 31 00-0658	EA	10' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,829.44	
33 42 31 00-0659	EA	12' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,865.19	
33 42 31 00-0660	EA	14' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	9,816.48	
33 42 31 00-0661	EA	16' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	10,732.40	
33 42 31 00-0662	EA	18' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	11,574.07	
33 42 31 00-0663	EA	20' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	12,341.47	
33 42 31 00-0664		Catch Basin Frames And Covers *(33 42 31 00-0001)*		
33 42 31 00-0665		Cast Iron Frames And Covers *(33 42 31 00-0664)*		
33 42 31 00-0666	EA	18" Diameter Cast Iron Catch Basin Frame And Cover	760.91	107.73
33 42 31 00-0667	EA	22" Diameter Cast Iron Catch Basin Frame And Cover	959.95	121.73
33 42 31 00-0668	EA	24" Diameter Cast Iron Catch Basin Frame And Cover	1,084.69	126.04
33 42 31 00-0669	EA	26" Diameter Cast Iron Catch Basin Frame And Cover	1,221.59	146.51
33 42 31 00-0670	EA	28" Diameter Cast Iron Catch Basin Frame And Cover	1,429.68	166.98
33 42 31 00-0671	EA	32" Diameter Cast Iron Catch Basin Frame And Cover	2,270.70	174.52
33 42 31 00-0672	EA	16" x 16" Cast Iron Catch Basin Frame And Cover	1,234.51	132.51
33 42 31 00-0673	EA	18" x 24" Cast Iron Catch Basin Frame And Cover	1,606.50	152.98
33 42 31 00-0674	EA	20" x 27" Cast Iron Catch Basin Frame And Cover	1,814.65	159.44
33 42 31 00-0675	EA	23" x 23" Cast Iron Catch Basin Frame And Cover	1,715.92	159.44
33 42 31 00-0676	EA	24" x 24" Cast Iron Catch Basin Frame And Cover	1,773.70	165.91
33 42 31 00-0677	EA	26" x 26" Cast Iron Catch Basin Frame And Cover	1,903.88	172.37
33 42 31 00-0678	EA	24" x 36" Cast Iron Catch Basin Frame And Cover	2,285.54	185.30
33 42 31 00-0679		Area Yard Drain *(33 42 31 00-0001)* See CSI section 22 14 26 16-0001 for drains.		
33 42 31 00-0680		Ductile Iron Grates *(33 42 31 00-0679)* Note: Not for traffic loading.		
33 42 31 00-0681	EA	8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe	162.73	36.25
33 42 31 00-0682	EA	10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe	200.78	38.67
33 42 31 00-0683	EA	12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	476.38	48.34
33 42 31 00-0684	EA	15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	569.16	58.01
33 42 33		**Stormwater Curbside Drains and Inlets** *(33 42)*		
33 42 33 00-0001		Curb Inlet Frames And Covers *(33 42 33)*		
33 42 33 00-0002		Cast Iron Curb Inlet Frames And Covers *(33 42 33 00-0001)*		
33 42 33 00-0003	EA	20" x 22" Cast Iron Curb Inlet Frame And Cover	1,537.82	126.04
33 42 33 00-0004	EA	22" x 24" Cast Iron Curb Inlet Frame And Cover	1,644.80	146.51
33 42 33 00-0005	EA	24" x 24" Cast Iron Curb Inlet Frame And Cover	1,709.48	146.51
33 42 33 00-0006	EA	27" x 27" Cast Iron Curb Inlet Frame And Cover	1,872.11	172.37
33 42 33 00-0007	EA	36" x 24" Cast Iron Curb Inlet Frame And Cover	1,853.26	184.22
33 42 36		**Stormwater Trench Drains** *(33 42)*		
33 42 36 00-0001		Modular Trench Drains *(33 42 36)* See CSI section 03 31 13 00-0011 for concrete.		
33 42 36 00-0002		Modular Trench Drains *(33 42 36 00-0001)* Note: Excludes grates. See CSI section 33 42 36 00-0118 for grates.		
33 42 36 00-0003		4" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0004		4 Wide, High Density Polyethylene, Shallow Modular Trench Drains *(33 42 36 00-0003)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0005		4 Wide, High Density Polyethylene, Shallow Modular Trench Drains *(33 42 36 00-0004)*		
33 42 36 00-0006	LF	4" Wide, High Density Polyethylene, Shallow Modular Trench Drain (Zurn Z844-C)	66.30	17.23
		For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*99.22*	
		For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*198.45*	
		For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*317.52*	
		For Type 304 Stainless Steel Top Veneer Frame, Add	*79.38*	
		For Aluminum Veneer Bronze Anodized Frame, Add	*39.69*	
33 42 36 00-0007		Outlet Adapters For 4 Wide, High Density Polyethylene, Shallow Modular Trench Drains *(33 42 36 00-0004)*		
33 42 36 00-0008	EA	Closed End Cap For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	50.32	
33 42 36 00-0009	EA	No-Hub End Outlet For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	61.09	
33 42 36 00-0010	EA	No-Hub Bottom Outlet For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	61.09	
33 42 36 00-0011		6" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0012		6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0011)*		
33 42 36 00-0013		6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0012)*		
33 42 36 00-0014	LF	6" Wide, High Density Polyethylene, Modular Trench Drain	204.23	17.23
		For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*99.22*	
		For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*198.45*	
		For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*317.52*	
		For Type 304 Stainless Steel Top Veneer Frame, Add	*79.38*	
		For Aluminum Veneer Bronze Anodized Frame, Add	*39.69*	
33 42 36 00-0015		Outlet Adapters For 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0012)*		
33 42 36 00-0016	EA	Closed End Cap For 6" Wide, High Density Polyethylene, Modular Trench Drains	92.99	
33 42 36 00-0017	EA	No-Hub End Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains	103.76	
33 42 36 00-0018	EA	No-Hub Bottom Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains	103.76	
33 42 36 00-0019		Other Fittings For 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0012)*		
33 42 36 00-0020	EA	Bottom Dome Strainer For 6" Wide, High Density Polyethylene, Modular Trench Drains	178.89	
33 42 36 00-0021	EA	Joint Connector For 6" Wide, High Density Polyethylene, Modular Trench Drains	178.89	
33 42 36 00-0022	EA	90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains	847.67	
33 42 36 00-0023	EA	Cross For 6" Wide, High Density Polyethylene, Modular Trench Drains	1,641.47	
33 42 36 00-0024	EA	Cutting Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains	198.45	
33 42 36 00-0025		6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0011)*		
33 42 36 00-0026		6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*		
33 42 36 00-0027	LF	6" Wide, Fiber Reinforced Polyester, Modular Trench Drain	297.50	17.23
		For Black Acid Resistant Coated Frame, Add	*75.41*	
		For Galvanized Top Frame Assembly, Add	*75.41*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*277.83*	
33 42 36 00-0028		Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*		
33 42 36 00-0029	EA	Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	100.93	
33 42 36 00-0030	EA	No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	111.70	
33 42 36 00-0031	EA	No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	111.70	
33 42 36 00-0032		Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*		
33 42 36 00-0033	EA	Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	178.89	
33 42 36 00-0034	EA	Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	178.89	
33 42 36 00-0035	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	847.67	
33 42 36 00-0036	EA	Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,641.47	
33 42 36 00-0037	EA	Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	198.45	
33 42 36 00-0038		6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0011)*		
33 42 36 00-0039		6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)*		
33 42 36 00-0040	LF	6" Wide, Vinylester Fiberglass, Modular Trench Drain	384.82	17.23
		For Black Acid Resistant Coated Frame, Add	*75.41*	
		For Galvanized Top Frame Assembly, Add	*75.41*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*277.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0041		**Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains** *(33 42 36 00-0038)*		
33 42 36 00-0042	EA	Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	164.43	
33 42 36 00-0043	EA	No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	175.20	
33 42 36 00-0044	EA	No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	175.20	
33 42 36 00-0045		**Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains** *(33 42 36 00-0038)*		
33 42 36 00-0046	EA	Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	178.89	
33 42 36 00-0047	EA	Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	178.89	
33 42 36 00-0048	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	847.67	
33 42 36 00-0049	EA	Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	1,641.47	
33 42 36 00-0050	EA	Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	198.45	
33 42 36 00-0051		**6" Wide, Polymer Concrete, Modular Trench Drains** *(33 42 36 00-0011)*		
33 42 36 00-0052		**6" Wide, Polymer Concrete, Modular Trench Drains** *(33 42 36 00-0051)*		
33 42 36 00-0053	LF	6" Wide, Polymer Concrete, Modular Trench Drain	458.60	
33 42 36 00-0054		**Outlet Adapters For 6" Wide, Polymer Concrete, Modular Trench Drains** *(33 42 36 00-0051)*		
33 42 36 00-0055	EA	Closed End Cap For 6" Wide, Polymer Concrete, Modular Trench Drain	181.85	
33 42 36 00-0056	EA	No-Hub End Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	221.55	
33 42 36 00-0057	EA	No-Hub Bottom Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	70.17	
33 42 36 00-0058		**12" Wide, Modular Trench Drains** *(33 42 36 00-0092)*		
33 42 36 00-0059		**12" Wide, High Density Polyethylene, Modular Trench Drains** *(33 42 36 00-0058)*		
33 42 36 00-0060		**12" Wide, High Density Polyethylene, Modular Trench Drains** *(33 42 36 00-0059)*		
33 42 36 00-0061	LF	12" Wide, High Density Polyethylene, Modular Trench Drain	384.76	23.70
		For Acid Resistant Coated Top Frame, Add	*103.19*	
		For Galvanized Welded Frame Assembly, Add	*108.16*	
		For Type 304 Stainless Steel Top Frame, Add	*619.16*	
33 42 36 00-0062		**Outlet Adapters For 12" Wide, High Density Polyethylene, Modular Trench Drains** *(33 42 36 00-0059)*		
33 42 36 00-0063	EA	End Cap For 12" Wide, High Density Polyethylene, Modular Trench Drains	191.46	
33 42 36 00-0064	EA	No-Hub End Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	205.82	
33 42 36 00-0065	EA	No-Hub Bottom Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	205.82	
33 42 36 00-0066		**Other Fittings For 12" Wide, High Density Polyethylene, Modular Trench Drains** *(33 42 36 00-0059)*		
33 42 36 00-0067	EA	Bottom Dome Strainer For 12" Wide, High Density Polyethylene, Modular Trench Drains	319.78	
33 42 36 00-0068	EA	Joint Connector For 12" Wide, High Density Polyethylene, Modular Trench Drains	419.00	
33 42 36 00-0069	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	1,670.47	
33 42 36 00-0070	EA	Cross For 12" Wide, High Density Polyethylene, Modular Trench Drains	3,258.07	
33 42 36 00-0071	EA	Cutting Charges For 12" Wide, High Density Polyethylene, Modular Trench Drains	396.90	
33 42 36 00-0072		**12" Wide, Fiber Reinforced Polyester, Modular Trench Drains** *(33 42 36 00-0058)*		
33 42 36 00-0073		**12" Wide, Fiber Reinforced Polyester, Modular Trench Drains** *(33 42 36 00-0072)*		
33 42 36 00-0074	LF	12" Wide, Fiber Reinforced Polyester, Modular Trench Drain	483.99	23.70
		For Acid Resistant Coated Top Frame, Add	*103.19*	
		For Galvanized Welded Frame Assembly, Add	*108.16*	
		For Type 304 Stainless Steel Top Frame, Add	*619.16*	
33 42 36 00-0075		**Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains** *(33 42 36 00-0072)*		
33 42 36 00-0076	EA	End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	199.40	
33 42 36 00-0077	EA	No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	213.76	
33 42 36 00-0078	EA	No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	213.76	
33 42 36 00-0079		**Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains** *(33 42 36 00-0072)*		
33 42 36 00-0080	EA	Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	319.78	
33 42 36 00-0081	EA	Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	419.00	
33 42 36 00-0082	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,670.47	
33 42 36 00-0083	EA	Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	3,258.07	
33 42 36 00-0084	EA	Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	396.90	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0085		12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0086		12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0087	LF	12" Wide, Vinylester Fiberglass, Modular Trench Drain	682.44	23.70
		For Acid Resistant Coated Top Frame, Add	*103.19*	
		For Galvanized Welded Frame Assembly, Add	*108.16*	
		For Type 304 Stainless Steel Top Frame, Add	*619.16*	
33 42 36 00-0088		Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0089	EA	End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	497.07	
33 42 36 00-0090	EA	No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	511.43	
33 42 36 00-0091	EA	No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	511.43	
33 42 36 00-0092		Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0093	EA	Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	319.78	
33 42 36 00-0094	EA	Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	419.00	
33 42 36 00-0095	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	1,670.47	
33 42 36 00-0096	EA	Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	3,258.07	
33 42 36 00-0097	EA	Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	396.90	
33 42 36 00-0098		12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0099		12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0098)*		
33 42 36 00-0100	LF	12" Wide, Polymer Concrete, Modular Trench Drain	615.10	
33 42 36 00-0101		Outlet Adapters For 12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0098)*		
33 42 36 00-0102	EA	Closed End Cap For 12" Wide, Polymer Concrete, Modular Trench Drain	309.31	
33 42 36 00-0103	EA	No-Hub End Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	532.92	
33 42 36 00-0104	EA	No-Hub Bottom Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	123.14	
33 42 36 00-0105		23" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0106		23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0105)*		
33 42 36 00-0107		23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0106)*		
33 42 36 00-0108	LF	23" Wide, High Density Polyethylene, Modular Trench Drain	539.48	32.32
		For Acid Resistant Coated Frame, Add	*154.79*	
		For Galvanized Frame Assembly, Add	*154.79*	
		For Type 304 Stainless Steel Top Frame, Add	*952.56*	
33 42 36 00-0109		Outlet Adapters For 23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0106)*		
33 42 36 00-0110	EA	End Cap For 23" Wide, High Density Polyethylene, Modular Trench Drains	609.84	
33 42 36 00-0111	EA	No-Hub End Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	889.56	
33 42 36 00-0112	EA	No-Hub Bottom Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	889.56	
33 42 36 00-0113		Other Fittings For 23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0106)*		
33 42 36 00-0114	EA	Bottom Dome Strainer For 23" Wide, High Density Polyethylene, Modular Trench Drains	726.89	
33 42 36 00-0115	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	3,309.84	
33 42 36 00-0116	EA	Cross For 23" Wide, High Density Polyethylene, Modular Trench Drains	6,485.04	
33 42 36 00-0117	EA	Cutting Charges For 23" Wide, High Density Polyethylene, Modular Trench Drains	793.80	
33 42 36 00-0118		Modular Trench Drain Grates *(33 42 36 00-0001)*		
33 42 36 00-0119		4" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0120	LF	4" Wide, Polypropylene, Silver Heel Proof, Modular Trench Drain Grate (Zurn Z884-P4-HPP)	42.06	3.24
33 42 36 00-0121	LF	4" Wide, Class C Cast Iron, Modular Trench Drain Grate (Zurn Z884-P4-CG)	44.22	3.24
33 42 36 00-0122	LF	4" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FG)	35.59	3.24
33 42 36 00-0123	LF	4" Wide, Stainless Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FS)	94.93	3.24
33 42 36 00-0124	LF	4" Wide, Galvanized Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FG)	35.59	3.24
33 42 36 00-0125	LF	4" Wide, Stainless Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FS)	94.93	3.24
33 42 36 00-0126		6" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0127	LF	6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate	195.89	3.24
33 42 36 00-0128	LF	6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate	165.93	3.24
33 42 36 00-0129	LF	6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	174.26	3.24
33 42 36 00-0130	LF	6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	152.23	3.24
33 42 36 00-0131	LF	6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	164.14	3.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0132	LF	6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	166.12	3.24
33 42 36 00-0133	LF	6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate	166.12	3.24
33 42 36 00-0134	LF	6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate	164.14	3.24
33 42 36 00-0135	LF	6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate	144.30	3.24
33 42 36 00-0136	LF	6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	144.30	3.24
33 42 36 00-0137	LF	6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	153.42	3.24
33 42 36 00-0138	LF	6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	153.42	3.24
33 42 36 00-0139	LF	6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	199.86	3.24
33 42 36 00-0140	LF	6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	199.86	3.24
33 42 36 00-0141	LF	6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	366.56	3.24
33 42 36 00-0142	LF	6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate	366.56	3.24
33 42 36 00-0143	LF	6" Wide, Stainless Steel Bar, Modular Trench Drain Grate	1,021.44	3.24
33 42 36 00-0144	LF	6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate	136.36	3.24
33 42 36 00-0145	LF	6" Wide, Fiberglass, Modular Trench Drain Grate	295.12	3.24
33 42 36 00-0146		12" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0147	LF	12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate	541.75	3.50
33 42 36 00-0148	LF	12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	517.93	3.50
33 42 36 00-0149	LF	12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	450.46	3.50
33 42 36 00-0150	LF	12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	473.28	3.50
33 42 36 00-0151	LF	12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	408.78	3.50
33 42 36 00-0152	LF	12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	800.72	3.50
33 42 36 00-0153	LF	12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	800.72	3.50
33 42 36 00-0154	LF	12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	1,021.99	3.50
33 42 36 00-0155	LF	12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	1,021.99	3.50
33 42 36 00-0156	LF	12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	1,304.79	3.50
33 42 36 00-0157	LF	12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate	1,304.79	3.50
33 42 36 00-0158	LF	12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate	1,238.30	3.50
33 42 36 00-0159	LF	12" Wide, Fiberglass, Modular Trench Drain Grate	584.41	3.50
33 42 36 00-0160		23" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0161	LF	23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	855.83	3.77
33 42 36 00-0162	LF	23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	720.88	3.77
33 42 36 00-0163	LF	23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	1,117.78	3.77
33 42 36 00-0164	LF	23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate	828.04	3.77

33 44 Storm Utility Water Drains *(33 40)*

33 44 36 Oil and Stormwater Separators *(33 44)*

33 44 36 00-0001 Oil/Water Separator *(33 44 36)*
Note: Complete with internal sensors and detectors.

33 44 36 00-0002 Coalescing Oil Water Separator *(33 44 36 00-0001)*
Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.

33 44 36 00-0003 Single Wall Steel Coalescing Oil Water Separator *(33 44 36 00-0002)*

33 44 36 00-0004	EA	550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	18,180.34
		For Interior Polyurethane Coating, Add	*711.00*
33 44 36 00-0005	EA	1,000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	22,242.00
		For Interior Polyurethane Coating, Add	*893.70*
33 44 36 00-0006	EA	2,000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	26,633.08
		For Interior Polyurethane Coating, Add	*1,340.10*

33 44 36 00-0007 Double Wall Steel Coalescing Oil Water Separator *(33 44 36 00-0002)*

33 44 36 00-0008	EA	550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	28,233.58
		For Interior Polyurethane Coating, Add	*711.00*
33 44 36 00-0009	EA	1,000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	32,472.14
		For Interior Polyurethane Coating, Add	*893.70*
33 44 36 00-0010	EA	2,000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	39,653.02
		For Interior Polyurethane Coating, Add	*1,340.10*
33 44 36 00-0011	EA	3,000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank.	46,151.57
		For Interior Polyurethane Coating, Add	*1,550.70*
33 44 36 00-0012	EA	5,000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 5000. 6' diameter x 28'-8" long tank.	61,265.52
		For Interior Polyurethane Coating, Add	*2,057.80*

33 44 36 00-0013 Accessories For Coalescing Oil Water Separators *(33 44 36 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 36 00-0014	EA	Single Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP1.	1,137.04	
33 44 36 00-0015	EA	Two Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP2.	1,545.62	
33 44 36 00-0016	EA	Float Interface Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	916.63	
33 44 36 00-0017	EA	1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	677.93	
33 44 36 00-0018	EA	Polyvinyl Chloride (PVC) Cap For 2" Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	230.36	
33 44 36 00-0019	EA	550, 1,000 Or 2,000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator	3,850.75	
33 44 36 00-0020	EA	3,000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator	7,701.50	
33 44 36 00-0021	EA	5,000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator	11,552.33	
33 44 36 00-0022	EA	550 Or 1,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	688.45	
33 44 36 00-0023	EA	2,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	815.76	
33 44 36 00-0024	EA	3,000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	1,631.51	
33 44 36 00-0025	EA	5,000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	3,640.79	
33 44 36 00-0026	EA	30" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	986.83	
33 44 36 00-0027	EA	36" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,288.71	
33 44 36 00-0028	EA	48" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,789.51	
33 44 36 00-0029	EA	54" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	3,277.42	
33 44 36 00-0030	EA	66" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	4,220.29	
33 44 36 00-0031	EA	66" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	5,302.40	
33 44 36 00-0032	EA	78" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	6,690.85	
33 44 36 00-0033	EA	550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,326.78	
33 44 36 00-0034	EA	1,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,617.20	
33 44 36 00-0035	EA	2,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	2,540.18	
33 44 36 00-0036	EA	550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,265.12	
33 44 36 00-0037	EA	1,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,535.65	
33 44 36 00-0038	EA	2,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,822.09	
33 44 36 00-0039	EA	18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	107.42	
33 44 36 00-0040	EA	24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	121.34	
33 44 36 00-0041		Oil Skimmers *(33 44 36)*		
33 44 36 00-0042		Oil Skimmers, 12" And 24" Models *(33 44 36 00-0041)*		
33 44 36 00-0043	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,047.86	599.37
33 44 36 00-0044	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,283.66	599.37
33 44 36 00-0045	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,069.70	599.37
33 44 36 00-0046	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,372.08	599.37
33 44 36 00-0047	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,317.50	599.37
33 44 36 00-0048	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,517.27	599.37
33 44 36 00-0049	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,368.80	599.37
33 44 36 00-0050	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,670.10	599.37
33 44 36 00-0051	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,700.95	799.33
33 44 36 00-0052	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,953.12	799.33
33 44 36 00-0053	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,767.54	799.33
33 44 36 00-0054	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	6,129.97	799.33
33 44 36 00-0055	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,338.47	799.33
33 44 36 00-0056	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,590.64	799.33
33 44 36 00-0057	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,391.96	799.33
33 44 36 00-0058	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,755.48	799.33
33 44 36 00-0059		Oil Skimmers, Add-Ons *(33 44 36 00-0041)*		
33 44 36 00-0060	LF	Add For Belt Projection, 12" Width	16.37	
33 44 36 00-0061	LF	Add For Belt Projection, 24" Width	30.57	
33 44 36 00-0062	LF	Add For Spacer Stands, 12" Models	261.44	
33 44 36 00-0063	LF	Add For Spacer Stands, 24" Models	309.47	

33 46 Stormwater Management *(33 40)*

33 46 23 Modular Buried Stormwater Storage Units *(33 46)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 46 23 00-0001		Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™) *(33 46 23)*		
		Note: Includes chambers and end caps delivery to site. Excludes excavation and earthwork, foundation stone, embedment and perimeter stone, geotextile fabrics and cutting holes in chambers. See CSI section 31 05 16 00-0000 for aggregate (foundation, embedment and perimeter stone), 31 23 16 36-0000 for excavation and earth backfill, 31 32 19 16-0000 for woven and non-woven geotextile fabric.		
33 46 23 00-0002		85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740) *(33 46 23 00-0001)*		
33 46 23 00-0003	EA	Up To 10, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	552.81	
33 46 23 00-0004	EA	>10 To 20, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	511.33	
33 46 23 00-0005	EA	>20 To 30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	480.84	
33 46 23 00-0006	EA	>30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	451.35	
33 46 23 00-0007	EA	Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	223.68	
33 46 23 00-0008	EA	>10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	198.66	
33 46 23 00-0009	EA	>20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	183.80	
33 46 23 00-0010	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	169.17	
33 46 23 00-0011		85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310) *(33 46 23 00-0001)*		
33 46 23 00-0012	EA	Up To 10, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	311.56	
33 46 23 00-0013	EA	>10 To 20, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	286.13	
33 46 23 00-0014	EA	>20 To 30, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	268.12	
33 46 23 00-0015	EA	>30, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	251.60	
33 46 23 00-0016	EA	Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	174.20	
33 46 23 00-0017	EA	>10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	155.62	
33 46 23 00-0018	EA	>20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	144.12	
33 46 23 00-0019	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	133.80	
33 46 23 00-0020		90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500) *(33 46 23 00-0001)*		
33 46 23 00-0021	EA	Up To 10, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)	947.61	
33 46 23 00-0022	EA	>10 To 20, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)	884.68	
33 46 23 00-0023	EA	>20 To 30, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)	833.65	
33 46 23 00-0024	EA	>30, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500)	787.03	
33 46 23 00-0025	EA	Up To 10, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)	796.20	
33 46 23 00-0026	EA	>10 To 20, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)	740.82	
33 46 23 00-0027	EA	>20 To 30, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)	696.99	
33 46 23 00-0028	EA	>30, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500)	657.21	
33 46 23 00-0029		85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780) *(33 46 23 00-0001)*		
33 46 23 00-0030	EA	Up To 10, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)	574.52	
33 46 23 00-0031	EA	>10 To 20, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)	531.98	
33 46 23 00-0032	EA	>20 To 30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)	500.44	
33 46 23 00-0033	EA	>30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780)	469.97	
33 46 23 00-0034	EA	Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	223.68	
33 46 23 00-0035	EA	>10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	194.55	
33 46 23 00-0036	EA	>20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	183.80	
33 46 23 00-0037	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	169.17	
33 46 23 00-0038		52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500) *(33 46 23 00-0001)*		
33 46 23 00-0039	EA	Up To 10, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)	984.12	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 46 23 00-0040	EA	>10 To 20, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)	917.64	
33 46 23 00-0041	EA	>20 To 30, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)	863.11	
33 46 23 00-0042	EA	>30, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500)	815.51	
33 46 23 00-0043	EA	Up To 10, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,229.27	
33 46 23 00-0044	EA	>10 To 20, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,150.52	
33 46 23 00-0045	EA	>20 To 30, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,084.35	
33 46 23 00-0046	EA	>30, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500)	1,025.69	
33 46 23 00-0047		Cut Opening In Polypropylene Corrugated Wall Stormwater Collection Chambers *(33 46 23 00-0001)*		
33 46 23 00-0048	EA	Cut Up To 6" Diameter Opening, Polypropylene Corrugated Wall Stormwater Colelction Chamber Or End Cap	56.12	
33 46 23 00-0049	EA	Cut >6" To 12" Diameter Opening, Polypropylene Corrugated Wall Stormwater Colelction Chamber Or End Cap	71.13	
33 46 23 00-0050	EA	Cut >12" To 24" Diameter Opening, Polypropylene Corrugated Wall Stormwater Colelction Chamber Or End Cap	93.08	
33 46 23 00-0051	EA	Cut >24" To 36" Diameter Opening, Polypropylene Corrugated Wall Stormwater Colelction Chamber Or End Cap	117.58	
33 46 23 00-0052	EA	12" x 6" Inspection Port Kit Note: (2712AG6IPKIT)	700.18	

33 46 53 Stormwater Leaching Pits *(33 46)*

33 46 53 00-0001		Drainage Wells *(33 46 53)* Note: Includes augering hole.		
33 46 53 00-0002	LF	12" Diameter Drainage Well With Corrugated Metal Liner	30.19	
33 46 53 00-0003	LF	18" Diameter Drainage Well With Corrugated Metal Liner	36.63	
33 46 53 00-0004	LF	24" Diameter Drainage Well With Corrugated Metal Liner	48.61	

33 50 Hydrocarbon Utilities *(33)*

33 52 Hydrocarbon Transmission and Distribution *(33 50)*

33 52 16 Gas Hydrocarbon Piping *(33 52)*

33 52 16 13 Steel Natural Gas Piping *(33 52 16)*

See CSI section 23 05 23 00-0000 for gas valves.

33 52 16 13-0001		Gas Distribution Lines *(33 52 16 13)* Note: Excludes excavation and backfill.		
33 52 16 13-0002		Steel, Schedule 40, Plain End, Coal Tar Enamel And Wrapped *(33 52 16 13-0001)*		
33 52 16 13-0003	LF	1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	26.01	2.72
33 52 16 13-0004	LF	3/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	30.44	2.99
33 52 16 13-0005	LF	1" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	36.00	3.07
33 52 16 13-0006	LF	1-1/4" (3.2 cm) Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	36.93	3.15
33 52 16 13-0007	LF	1-1/2" (3.6 cm) Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	38.57	3.19
33 52 16 13-0008	LF	2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	40.74	3.42
33 52 16 13-0009	LF	2-1/2" (6.0 cm) Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	59.56	4.15
33 52 16 13-0010	LF	3" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	74.04	5.24
33 52 16 13-0011	LF	4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	102.05	6.32
33 52 16 13-0012	LF	5" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	141.54	7.33
33 52 16 13-0013	LF	6" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	178.76	8.95
33 52 16 13-0014	LF	8" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	264.80	11.50
33 52 16 13-0015		Gas Line Taps *(33 52 16 13-0001)* Note: Includes material to tap into main and gas valve.		
33 52 16 13-0016		Polyethylene, 60 PSI *(33 52 16 13-0015)*		
33 52 16 13-0017	EA	2" Polyethylene Hot Tap, With Valve	4,150.41	
33 52 16 13-0018	EA	2-1/2" Polyethylene Hot Tap, With Valve	2,067.04	
33 52 16 13-0019	EA	3" Polyethylene Hot Tap, With Valve	2,177.49	
33 52 16 13-0020	EA	4" Polyethylene Hot Tap, With Valve	7,194.76	
33 52 16 13-0021	EA	6" Polyethylene Hot Tap, With Valve	11,283.91	
33 52 16 13-0022		Steel, Schedule 40 *(33 52 16 13-0015)* Note: For punch steel service tee.		
33 52 16 13-0023	EA	1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,019.62	
33 52 16 13-0024	EA	3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,070.86	
33 52 16 13-0025	EA	3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,138.19	
33 52 16 13-0026	EA	3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,203.64	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 13-0027	EA	1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,254.75	
33 52 16 13-0028	EA	1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Value Steel Service Tee	3,546.97	
33 52 16 13-0029	EA	1-1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,633.05	
33 52 16 13-0030		Protective Pipe And Fitting Wrap *(33 52 16 13-0001)*		
		Note: Includes cleaning and priming pipe.		
33 52 16 13-0031		Corrosion Protection Pipe Wrap For Pipe *(33 52 16 13-0030)*		
		Note: Field applied.		
33 52 16 13-0032	LF	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.06	
33 52 16 13-0033	LF	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.23	
33 52 16 13-0034	LF	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.44	
33 52 16 13-0035	LF	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.84	
33 52 16 13-0036	LF	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.14	
33 52 16 13-0037	LF	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.74	
33 52 16 13-0038	LF	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	5.72	
33 52 16 13-0039	LF	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	7.02	
33 52 16 13-0040	LF	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	8.78	
33 52 16 13-0041	LF	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	11.56	
33 52 16 13-0042		Corrosion Resistance Wrap And Coat - Fittings *(33 52 16 13-0030)*		
		Note: Field applied.		
33 52 16 13-0043	EA	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	18.27	
33 52 16 13-0044	EA	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	18.27	
33 52 16 13-0045	EA	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	22.61	
33 52 16 13-0046	EA	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	25.36	
33 52 16 13-0047	EA	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	25.36	
33 52 16 13-0048	EA	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	30.01	
33 52 16 13-0049	EA	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	40.13	
33 52 16 13-0050	EA	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	54.03	
33 52 16 13-0051	EA	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	54.54	
33 52 16 13-0052	EA	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	62.64	
33 52 16 13-0053		Service Fittings *(33 52 16 13-0001)*		
33 52 16 13-0054		Brass Fittings *(33 52 16 13-0053)*		
33 52 16 13-0055	EA	1/2" X 2" Long Nipples, Threaded Both Ends, Brass	37.32	
33 52 16 13-0056	EA	3/4" X 2" Long Nipples, Threaded Both Ends, Brass	43.63	
33 52 16 13-0057	EA	1" X 2" Long Nipples, Threaded Both Ends, Brass	55.76	
33 52 16 13-0058	EA	1-1/4" X 2" Long Nipples, Threaded Both Ends, Brass	69.83	
33 52 16 13-0059	EA	1-1/2" X 2" Long Nipples, Threaded Both Ends, Brass	78.65	
33 52 16 13-0060	EA	2" X 2" Long Nipples, Threaded Both Ends, Brass	103.64	
33 52 16 13-0061	EA	1/2" 90 Degree Elbow, Brass	31.87	
33 52 16 13-0062	EA	3/4" 90 Degree Elbow, Brass	36.87	
33 52 16 13-0063	EA	1" 90 Degree Elbow, Brass	48.37	
33 52 16 13-0064	EA	1-1/4" 90 Degree Elbow, Brass	63.40	
33 52 16 13-0065	EA	1-1/2" 90 Degree Elbow, Brass	72.89	
33 52 16 13-0066	EA	2" 90 Degree Elbow, Brass	98.89	
33 52 16 13-0067	EA	1/2" Diameter Chrome Plated Nipple	27.03	
33 52 16 13-0068	EA	3/4" Diameter Chrome Plated Nipple	35.10	
33 52 16 13-0069	EA	1" Diameter Chrome Plated Nipple	45.75	
33 52 16 13-0070	EA	1-1/4" Diameter Chrome Plated Nipple	65.67	
33 52 16 13-0071	EA	1-1/2" Diameter Chrome Plated Nipple	80.39	
33 52 16 13-0072	EA	2" Diameter Chrome Plated Nipple	110.30	
33 52 16 13-0073		Anodless Gas Riser *(33 52 16 13-0053)*		
33 52 16 13-0074	EA	3/4" Anodless Gas Riser	94.37	
33 52 16 13-0075	EA	1" Anodless Gas Riser	117.05	
33 52 16 13-0076	EA	1-1/4" Anodless Gas Riser	137.96	
33 52 16 13-0077	EA	1-1/2" Anodless Gas Riser	173.89	
33 52 16 13-0078	EA	2" Anodless Gas Riser	200.34	
33 52 16 13-0079		Brass Service Adapter *(33 52 16 13-0053)*		
33 52 16 13-0080	EA	1/2" Brass Service Adapter	67.58	
33 52 16 13-0081	EA	3/4" Brass Service Adapter	74.37	
33 52 16 13-0082	EA	1" Brass Service Adapter	89.41	
33 52 16 13-0083	EA	1-1/4" Brass Service Adapter	110.07	
33 52 16 13-0084	EA	1-1/2" Brass Service Adapter	133.78	
33 52 16 13-0085	EA	2" Brass Service Adapter	162.70	
33 52 16 13-0086	EA	2-1/2" Brass Service Adapter	269.67	
33 52 16 13-0087	EA	3" Brass Service Adapter	329.62	
33 52 16 13-0088	EA	4" Brass Service Adapter	476.03	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 23		**Medium Density Polyethylene Piping for Natural Gas** *(33 52 16)*			
33 52 16 23-0001		Medium Density Polyethylene (MDPE) Gas Distribution Piping *(33 52 16 23)*			
		Note: PE2406/PE2708. Includes couplings, #12 tracer wire, helically wrapped around piping.			
33 52 16 23-0002	LF	1/2" Diameter, SDR 9, Medium Density Polyethylene (MDPE) Gas Distribution Pipe		3.89	1.72
		For Colors, Add		*0.05*	
33 52 16 23-0003	LF	3/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe		4.33	1.84
		For SDR 13.5, Deduct		*-0.11*	
		For Colors, Add		*0.07*	
33 52 16 23-0004	LF	1" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe		4.78	1.97
		For SDR 13.5, Deduct		*-0.13*	
		For Colors, Add		*0.08*	
33 52 16 23-0005	LF	1-1/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe		5.24	2.09
		For SDR 13.5, Deduct		*-0.16*	
		For Colors, Add		*0.10*	
33 52 16 23-0006	LF	1-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe		6.03	2.52
		For SDR 13.5, Deduct		*-0.22*	
		For Colors, Add		*0.14*	
33 52 16 23-0007	LF	2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe		6.81	2.74
		For SDR 13.5, Deduct		*-0.29*	
		For SDR 15.5, Deduct		*-0.53*	
		For Colors, Add		*0.19*	
33 52 16 23-0008	LF	2-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe		8.62	3.20
		For SDR 13.5, Deduct		*-0.48*	
		For SDR 15.5, Deduct		*-0.89*	
		For Colors, Add		*0.31*	
33 52 16 23-0009	LF	3" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe		10.54	3.81
		For SDR 13.5, Deduct		*-0.66*	
		For SDR 15.5, Deduct		*-1.21*	
		For Colors, Add		*0.43*	
33 52 16 23-0010	LF	4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe		17.26	4.50
		For SDR 13.5, Deduct		*-1.22*	
		For SDR 15.5, Deduct		*-2.24*	
		For Colors, Add		*0.79*	
33 52 16 23-0011	LF	5" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe		21.80	4.50
		For SDR 13.5, Deduct		*-1.69*	
		For SDR 15.5, Deduct		*-3.11*	
		For Colors, Add		*1.09*	
33 52 16 23-0012	LF	6" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe		26.45	4.50
		For SDR 13.5, Deduct		*-2.17*	
		For SDR 15.5, Deduct		*-3.98*	
		For Colors, Add		*1.40*	
33 52 16 23-0013	LF	8" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe		39.19	5.62
		For SDR 13.5, Deduct		*-3.60*	
		For SDR 15.5, Deduct		*-6.63*	
		For Colors, Add		*2.33*	
33 52 16 26		**High Density Polyethylene Piping for Natural Gas** *(33 52 16)*			
33 52 16 26-0001		High Density Polyethylene (HDPE) Gas Distribution Piping *(33 52 16 26)*			
		Note: ASTM F2619, ASTM D2513, API 15 LE. Includes couplings, #12 tracer wire, helically wrapped around piping.			
33 52 16 26-0002	LF	1/2" Diameter, SDR 9 High Density Polyethylene (HDPE) Gas Distribution Pipe		3.96	1.72
33 52 16 26-0003	LF	3/4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe		4.43	1.84
		For SDR 13.5, Deduct		*-0.12*	
33 52 16 26-0004	LF	1" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe		4.87	1.97
		For SDR 13.5, Deduct		*-0.14*	
33 52 16 26-0005	LF	1-1/4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe		5.36	2.09
		For SDR 13.5, Deduct		*-0.17*	
33 52 16 26-0006	LF	1-1/2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe		6.21	2.52
		For SDR 13.5, Deduct		*-0.25*	
33 52 16 26-0007	LF	2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe		7.05	2.74
		For SDR 13.5, Deduct		*-0.32*	
		For SDR 15.5, Deduct		*-0.59*	
		For SDR 17, Deduct		*-0.85*	
33 52 16 26-0008	LF	2-1/2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe		9.01	3.20
		For SDR 13.5, Deduct		*-0.53*	
		For SDR 15.5, Deduct		*-0.98*	
		For SDR 17, Deduct		*-1.42*	
33 52 16 26-0009	LF	3" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe		11.08	3.81
		For SDR 13.5, Deduct		*-0.73*	
		For SDR 15.5, Deduct		*-1.34*	
		For SDR 17, Deduct		*-1.94*	
		For SDR 21, Deduct		*-2.65*	
33 52 16 26-0010	LF	4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe		18.24	4.50
		For SDR 13.5, Deduct		*-1.34*	
		For SDR 15.5, Deduct		*-2.47*	
		For SDR 17, Deduct		*-3.58*	
		For SDR 21, Deduct		*-4.90*	
33 52 16 26-0011	LF	6" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe		28.20	4.50
		For SDR 13.5, Deduct		*-2.38*	
		For SDR 15.5, Deduct		*-4.38*	
		For SDR 17, Deduct		*-6.36*	
		For SDR 21, Deduct		*-8.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 26-0012	LF	8" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	42.10	5.62
		For SDR 13.5, Deduct	*-3.97*	
		For SDR 15.5, Deduct	*-7.29*	
		For SDR 17, Deduct	*-10.59*	
		For SDR 21, Deduct	*-14.49*	

33 53 Hydrocarbon Utility Pressure Regulation *(33 50)*

33 53 16 Gas Hydrocarbon Pressure Regulation *(33 53)*

33 53 16 00-0001 Gas Pressure Regulators With Screwed And Flanged Ends *(33 53 16)*

33 53 16 00-0002	EA	3/4" Gas Pressure Regulator, Screwed End	250.17	17.36
33 53 16 00-0003	EA	1" Gas Pressure Regulator, Screwed End	254.11	17.36
33 53 16 00-0004	EA	1-1/4" Gas Pressure Regulator, Screwed End	263.56	20.61
33 53 16 00-0005	EA	1-1/2" Gas Pressure Regulator, Screwed End	927.52	23.86
33 53 16 00-0006	EA	2" Gas Pressure Regulator, Screwed End	977.35	36.96
33 53 16 00-0007	EA	3" Gas Pressure Regulator, Screwed End	2,763.03	82.90
33 53 16 00-0008	EA	4" Gas Pressure Regulator, Screwed End	3,846.11	109.87

33 56 Hydrocarbon Storage *(33 50)*

33 56 13 Aboveground Hydrocarbon Storage Tanks *(33 56)*

See CSI section 23 13 23 00-0000 for aboveground storage tanks.

33 56 33 Underground Hydrocarbon Storage *(33 56)*

See CSI section 23 13 13 00-0000 for underground storage tanks.

33 59 Hydrocarbon Utility Metering *(33 50)*

33 59 11 Diaphragm/Bellows Hydrocarbons Meters *(33 59)*

33 59 11 00-0001 Diaphragm Meters *(33 59 11)*

Note: With standard direct-digital reading maximum working pressures 5 lbs to 100 lbs, threaded connections. Excludes pressure and temperature compensation.

33 59 11 00-0002	EA	250 CF/Hour Gas Diaphragm Meter At 5 LB, Direct Digital, Threaded	586.64	67.92
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0003	EA	425 CF/Hour Gas Diaphragm Meter At 10 LB, Direct Digital, Threaded	1,181.81	103.87
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0004	EA	425 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded	1,408.02	103.87
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0005	EA	800 CF/Hour Gas Diaphragm Meter At 20 LB, Direct Digital, Threaded	3,181.07	129.84
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0006	EA	1,000 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded	3,583.12	159.81
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0007	EA	800 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	4,797.45	129.84
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0008	EA	1,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	5,322.53	159.81
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0009	EA	1,400 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	7,066.77	169.80
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0010	EA	2,300 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	10,036.04	199.76
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0011	EA	5,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	15,302.53	329.60
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	

33 59 16 Hydrocarbons Turbine Meters *(33 59)*

33 59 16 00-0001 Gas Turbine Meters With Direct-Digital Reading *(33 59 16)*

Note: Maximum working pressure 175 PSI, flanged end connections.

33 59 16 00-0002	EA	4", 18,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	12,213.62	353.78
33 59 16 00-0003	EA	6", 30,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	13,321.05	410.85
33 59 16 00-0004	EA	8", 60,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	20,672.49	446.31
33 59 16 00-0005	EA	10", 90,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	40,274.40	543.34
33 59 16 00-0006	EA	12", 150,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	66,117.32	679.16

33 60 Hydronic and Steam Energy Utilities *(33)*

33 61 Hydronic Energy Distribution *(33 60)*

33 61 13 Buried Hydronic Energy Distribution *(33 61)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0001		**Glass Lined Steel Piping** *(33 61 13)*		
33 61 13 00-0002		**Glass Lined Steel Pipe** *(33 61 13 00-0001)* Note: 150 PSIG		
33 61 13 00-0003	EA	4" X 1' Glass Lined Steel Pipe	1,514.48	
33 61 13 00-0004	EA	4" X 2' Glass Lined Steel Pipe	1,672.23	
33 61 13 00-0005	EA	4" X 3' Glass Lined Steel Pipe	1,672.23	
33 61 13 00-0006	EA	4" X 4' Glass Lined Steel Pipe	1,987.71	
33 61 13 00-0007	EA	4" X 5' Glass Lined Steel Pipe	2,825.73	
33 61 13 00-0008	EA	4" X 10' Glass Lined Steel Pipe	3,272.67	
33 61 13 00-0009	EA	6" X 1' Glass Lined Steel Pipe	1,268.01	
33 61 13 00-0010	EA	6" X 2' Glass Lined Steel Pipe	2,746.86	
33 61 13 00-0011	EA	6" X 3' Glass Lined Steel Pipe	2,746.86	
33 61 13 00-0012	EA	6" X 4' Glass Lined Steel Pipe	3,111.64	
33 61 13 00-0013	EA	6" X 5' Glass Lined Steel Pipe	5,021.00	
33 61 13 00-0014	EA	6" X 10' Glass Lined Steel Pipe	5,810.93	
33 61 13 00-0015	EA	8" X 1' Glass Lined Steel Pipe	3,133.61	
33 61 13 00-0016	EA	8" X 2' Glass Lined Steel Pipe	3,774.44	
33 61 13 00-0017	EA	8" X 3' Glass Lined Steel Pipe	3,774.44	
33 61 13 00-0018	EA	8" X 4' Glass Lined Steel Pipe	4,340.81	
33 61 13 00-0019	EA	8" X 5' Glass Lined Steel Pipe	5,879.94	
33 61 13 00-0020	EA	8" X 10' Glass Lined Steel Pipe	6,682.94	
33 61 13 00-0021	EA	12" X 1' Glass Lined Steel Pipe	8,503.88	
33 61 13 00-0022	EA	12" X 2' Glass Lined Steel Pipe	8,503.88	
33 61 13 00-0023	EA	12" X 3' Glass Lined Steel Pipe	8,812.79	
33 61 13 00-0024	EA	12" X 4' Glass Lined Steel Pipe	9,398.83	
33 61 13 00-0025	EA	12" X 5' Glass Lined Steel Pipe	10,546.82	
33 61 13 00-0026	EA	12" X 10' Glass Lined Steel Pipe	13,029.07	
33 61 13 00-0027	EA	16" X 10' Glass Lined Steel Pipe	17,747.82	
33 61 13 00-0028		**90 Degree Elbow, Glass Lined Steel Fittings** *(33 61 13 00-0001)* Note: 150 PSIG		
33 61 13 00-0029	EA	4" 90 Degree Elbow, Glass Lined Steel Fittings	1,810.04	
33 61 13 00-0030	EA	6" 90 Degree Elbow, Glass Lined Steel Fittings	2,961.82	
33 61 13 00-0031	EA	8" 90 Degree Elbow, Glass Lined Steel Fittings	5,467.20	
33 61 13 00-0032	EA	10" 90 Degree Elbow, Glass Lined Steel Fittings	9,711.71	
33 61 13 00-0033	EA	12" 90 Degree Elbow, Glass Lined Steel Fittings	14,370.48	
33 61 13 00-0034	EA	14" 90 Degree Elbow, Glass Lined Steel Fittings	16,882.72	
33 61 13 00-0035	EA	16" 90 Degree Elbow, Glass Lined Steel Fittings	19,394.62	
33 61 13 00-0036		**45 Degree Elbow, Glass Lined Steel Fittings** *(33 61 13 00-0001)* Note: 150 PSIG		
33 61 13 00-0037	EA	4" 45 Degree Elbow, Glass Lined Steel Fittings	1,773.89	
33 61 13 00-0038	EA	6" 45 Degree Elbow, Glass Lined Steel Fittings	2,961.82	
33 61 13 00-0039	EA	8" 45 Degree Elbow, Glass Lined Steel Fittings	5,716.96	
33 61 13 00-0040	EA	10" 45 Degree Elbow, Glass Lined Steel Fittings	16,139.77	
33 61 13 00-0041	EA	12" 45 Degree Elbow, Glass Lined Steel Fittings	14,370.48	
33 61 13 00-0042	EA	14" 45 Degree Elbow, Glass Lined Steel Fittings	16,882.72	
33 61 13 00-0043	EA	16" 45 Degree Elbow, Glass Lined Steel Fittings	19,394.62	
33 61 13 00-0044		**Tee, Glass Lined Steel Fittings** *(33 61 13 00-0001)* Note: 150 PSIG		
33 61 13 00-0045	EA	4" Tee, Glass Lined Steel Fittings	2,813.35	
33 61 13 00-0046	EA	6" Tee, Glass Lined Steel Fittings	4,835.88	
33 61 13 00-0047	EA	8" Tee, Glass Lined Steel Fittings	7,166.87	
33 61 13 00-0048	EA	10" Tee, Glass Lined Steel Fittings	12,367.62	
33 61 13 00-0049	EA	12" Tee, Glass Lined Steel Fittings	17,607.90	
33 61 13 00-0050	EA	14" Tee, Glass Lined Steel Fittings	20,749.30	
33 61 13 00-0051	EA	16" Tee, Glass Lined Steel Fittings	23,837.80	
33 61 13 00-0052		**Prefabricated/Preinsulated Pipe** *(33 61 13)* Note: Includes coupling per full length of pipe. Excludes excavation and backfill. See CSI section 23 01 20 91-0041 for purging of existing system.		
33 61 13 00-0053		**Preinsulated Schedule 40 Black Steel Pipe** *(33 61 13 00-0052)* Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.		
33 61 13 00-0054		**Standard Black Steel Carrier Pipe** *(33 61 13 00-0053)* Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0055	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	159.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.69*	
		For Schedule 80 Pipe, Add	*26.92*	
33 61 13 00-0056	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	175.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.96*	
		For Schedule 80 Pipe, Add	*29.60*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0057		LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	195.40	
			For High Density Polyethylene (HDPE) Jacket, Add	*3.33*	
			For Schedule 80 Pipe, Add	*33.34*	
33 61 13 00-0058		LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	209.21	
			For High Density Polyethylene (HDPE) Jacket, Add	*3.58*	
			For Schedule 80 Pipe, Add	*35.78*	
33 61 13 00-0059		LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	219.21	
			For High Density Polyethylene (HDPE) Jacket, Add	*3.74*	
			For Schedule 80 Pipe, Add	*37.41*	
33 61 13 00-0060		LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	243.08	
			For High Density Polyethylene (HDPE) Jacket, Add	*4.07*	
			For Schedule 80 Pipe, Add	*40.66*	
33 61 13 00-0061		LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	268.10	
			For High Density Polyethylene (HDPE) Jacket, Add	*4.39*	
			For Schedule 80 Pipe, Add	*43.91*	
33 61 13 00-0062		LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	338.31	
			For High Density Polyethylene (HDPE) Jacket, Add	*5.53*	
			For Schedule 80 Pipe, Add	*55.30*	
33 61 13 00-0063		LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	429.46	
			For High Density Polyethylene (HDPE) Jacket, Add	*7.08*	
			For Schedule 80 Pipe, Add	*70.75*	
33 61 13 00-0064		LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	499.38	
			For High Density Polyethylene (HDPE) Jacket, Add	*8.21*	
			For Schedule 80 Pipe, Add	*82.14*	
33 61 13 00-0065		LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	704.90	
			For High Density Polyethylene (HDPE) Jacket, Add	*11.95*	
			For Schedule 80 Pipe, Add	*119.55*	
33 61 13 00-0066		LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	916.37	
			For High Density Polyethylene (HDPE) Jacket, Add	*15.78*	
			For Schedule 80 Pipe, Add	*157.77*	
33 61 13 00-0067		LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,140.96	
			For High Density Polyethylene (HDPE) Jacket, Add	*19.68*	
			For Schedule 80 Pipe, Add	*196.80*	

33 61 13 00-0068 Standard Black Steel Carrier Pipe *(33 61 13 00-0053)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0069		LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	173.08	
			For High Density Polyethylene (HDPE) Jacket, Add	*2.96*	
			For Schedule 80 Pipe, Add	*29.61*	
33 61 13 00-0070		LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	189.84	
			For High Density Polyethylene (HDPE) Jacket, Add	*3.26*	
			For Schedule 80 Pipe, Add	*32.56*	
33 61 13 00-0071		LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	212.07	
			For High Density Polyethylene (HDPE) Jacket, Add	*3.67*	
			For Schedule 80 Pipe, Add	*36.68*	
33 61 13 00-0072		LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	227.10	
			For High Density Polyethylene (HDPE) Jacket, Add	*3.94*	
			For Schedule 80 Pipe, Add	*39.36*	
33 61 13 00-0073		LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	237.92	
			For High Density Polyethylene (HDPE) Jacket, Add	*4.12*	
			For Schedule 80 Pipe, Add	*41.15*	
33 61 13 00-0074		LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pip With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	263.41	
			For High Density Polyethylene (HDPE) Jacket, Add	*4.47*	
			For Schedule 80 Pipe, Add	*44.73*	
33 61 13 00-0075		LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	290.06	
			For High Density Polyethylene (HDPE) Jacket, Add	*4.83*	
			For Schedule 80 Pipe, Add	*48.31*	
33 61 13 00-0076		LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	365.96	
			For High Density Polyethylene (HDPE) Jacket, Add	*6.08*	
			For Schedule 80 Pipe, Add	*60.83*	
33 61 13 00-0077		LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	464.83	
			For High Density Polyethylene (HDPE) Jacket, Add	*7.78*	
			For Schedule 80 Pipe, Add	*77.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0078	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	540.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.04*	
		For Schedule 80 Pipe, Add	*90.35*	
33 61 13 00-0079	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	764.67	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.15*	
		For Schedule 80 Pipe, Add	*131.50*	
33 61 13 00-0080	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	995.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.35*	
		For Schedule 80 Pipe, Add	*173.54*	
33 61 13 00-0081	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,239.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.65*	
		For Schedule 80 Pipe, Add	*216.48*	

33 61 13 00-0082 Standard Black Steel Carrier Pipe *(33 61 13 00-0053)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0083	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	179.81	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.10*	
		For Schedule 80 Pipe, Add	*30.96*	
33 61 13 00-0084	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	197.24	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.40*	
		For Schedule 80 Pipe, Add	*34.04*	
33 61 13 00-0085	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	220.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.83*	
		For Schedule 80 Pipe, Add	*38.34*	
33 61 13 00-0086	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	236.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.12*	
		For Schedule 80 Pipe, Add	*41.15*	
33 61 13 00-0087	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	247.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.30*	
		For Schedule 80 Pipe, Add	*43.02*	
33 61 13 00-0088	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	273.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.68*	
		For Schedule 80 Pipe, Add	*46.76*	
33 61 13 00-0089	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	301.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.05*	
		For Schedule 80 Pipe, Add	*50.50*	
33 61 13 00-0090	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	379.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.36*	
		For Schedule 80 Pipe, Add	*63.59*	
33 61 13 00-0091	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	482.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.14*	
		For Schedule 80 Pipe, Add	*81.36*	
33 61 13 00-0092	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	560.99	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.45*	
		For Schedule 80 Pipe, Add	*94.46*	
33 61 13 00-0093	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	794.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.75*	
		For Schedule 80 Pipe, Add	*137.48*	
33 61 13 00-0094	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,034.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.14*	
		For Schedule 80 Pipe, Add	*181.43*	
33 61 13 00-0095	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,288.56	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.63*	
		For Schedule 80 Pipe, Add	*226.32*	

33 61 13 00-0096 Standard Black Steel Carrier Pipe *(33 61 13 00-0053)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0097	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	189.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.30*	
		For Schedule 80 Pipe, Add	*32.97*	
33 61 13 00-0098	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	208.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.63*	
		For Schedule 80 Pipe, Add	*36.26*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0099		LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	232.91	
			For High Density Polyethylene (HDPE) Jacket, Add	*4.08*	
			For Schedule 80 Pipe, Add	*40.84*	
33 61 13 00-0100		LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	249.47	
			For High Density Polyethylene (HDPE) Jacket, Add	*4.38*	
			For Schedule 80 Pipe, Add	*43.83*	
33 61 13 00-0101		LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	261.30	
			For High Density Polyethylene (HDPE) Jacket, Add	*4.58*	
			For Schedule 80 Pipe, Add	*45.83*	
33 61 13 00-0102		LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	288.82	
			For High Density Polyethylene (HDPE) Jacket, Add	*4.98*	
			For Schedule 80 Pipe, Add	*49.81*	
33 61 13 00-0103		LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	317.51	
			For High Density Polyethylene (HDPE) Jacket, Add	*5.38*	
			For Schedule 80 Pipe, Add	*53.80*	
33 61 13 00-0104		LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	400.52	
			For High Density Polyethylene (HDPE) Jacket, Add	*6.77*	
			For Schedule 80 Pipe, Add	*67.74*	
33 61 13 00-0105		LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	509.05	
			For High Density Polyethylene (HDPE) Jacket, Add	*8.67*	
			For Schedule 80 Pipe, Add	*86.67*	
33 61 13 00-0106		LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	591.79	
			For High Density Polyethylene (HDPE) Jacket, Add	*10.06*	
			For Schedule 80 Pipe, Add	*100.62*	
33 61 13 00-0107		LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	839.38	
			For High Density Polyethylene (HDPE) Jacket, Add	*14.64*	
			For Schedule 80 Pipe, Add	*146.44*	
33 61 13 00-0108		LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,093.86	
			For High Density Polyethylene (HDPE) Jacket, Add	*19.33*	
			For Schedule 80 Pipe, Add	*193.26*	
33 61 13 00-0109		LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,362.36	
			For High Density Polyethylene (HDPE) Jacket, Add	*24.11*	
			For Schedule 80 Pipe, Add	*241.08*	

33 61 13 00-0110 Preinsulated Black Steel Fittings *(33 61 13 00-0052)*

Note: No excavation or backfill.

33 61 13 00-0111 Elbows *(33 61 13 00-0110)*

33 61 13 00-0112 Elbows *(33 61 13 00-0111)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0113		EA	3/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,035.67	
			For High Density Polyethylene (HDPE) Jacket, Add	*18.45*	
33 61 13 00-0114		EA	1" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,066.12	
			For High Density Polyethylene (HDPE) Jacket, Add	*18.89*	
33 61 13 00-0115		EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,218.50	
			For High Density Polyethylene (HDPE) Jacket, Add	*21.49*	
33 61 13 00-0116		EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,348.17	
			For High Density Polyethylene (HDPE) Jacket, Add	*23.45*	
33 61 13 00-0117		EA	2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,484.94	
			For High Density Polyethylene (HDPE) Jacket, Add	*24.42*	
33 61 13 00-0118		EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,655.70	
			For High Density Polyethylene (HDPE) Jacket, Add	*25.40*	
33 61 13 00-0119		EA	3" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,917.27	
			For High Density Polyethylene (HDPE) Jacket, Add	*29.31*	
33 61 13 00-0120		EA	4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,237.19	
			For High Density Polyethylene (HDPE) Jacket, Add	*34.19*	
33 61 13 00-0121		EA	5" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,762.74	
			For High Density Polyethylene (HDPE) Jacket, Add	*43.96*	
33 61 13 00-0122		EA	6" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,089.37	
			For High Density Polyethylene (HDPE) Jacket, Add	*49.93*	
33 61 13 00-0123		EA	8" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,400.54	
			For High Density Polyethylene (HDPE) Jacket, Add	*72.18*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0124	EA	10" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,810.07	
		For High Density Polyethylene (HDPE) Jacket, Add	*92.27*	
33 61 13 00-0125	EA	12" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,542.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*122.12*	

33 61 13 00-0126 Elbows *(33 61 13 00-0111)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0127	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,104.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.84*	
33 61 13 00-0128	EA	1" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,136.94	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.30*	
33 61 13 00-0129	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,299.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.10*	
33 61 13 00-0130	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,436.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*25.20*	
33 61 13 00-0131	EA	2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,576.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.26*	
33 61 13 00-0132	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,750.95	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.31*	
33 61 13 00-0133	EA	3" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,027.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*31.51*	
33 61 13 00-0134	EA	4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,365.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*36.76*	
33 61 13 00-0135	EA	5" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,927.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*47.26*	
33 61 13 00-0136	EA	6" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,276.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*53.68*	
33 61 13 00-0137	EA	8" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,671.23	
		For High Density Polyethylene (HDPE) Jacket, Add	*77.60*	
33 61 13 00-0138	EA	10" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,156.07	
		For High Density Polyethylene (HDPE) Jacket, Add	*99.19*	
33 61 13 00-0139	EA	12" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,000.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*131.28*	

33 61 13 00-0140 Elbows *(33 61 13 00-0111)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0141	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,174.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.22*	
33 61 13 00-0142	EA	1" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,207.77	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.72*	
33 61 13 00-0143	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,379.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.72*	
33 61 13 00-0144	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,524.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.96*	
33 61 13 00-0145	EA	2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,668.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*28.09*	
33 61 13 00-0146	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,846.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.21*	
33 61 13 00-0147	EA	3" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,137.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*33.70*	
33 61 13 00-0148	EA	4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,493.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*39.32*	
33 61 13 00-0149	EA	5" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,092.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*50.56*	
33 61 13 00-0150	EA	6" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,463.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*57.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0151	EA	8" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,941.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*83.01*	
33 61 13 00-0152	EA	10" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,502.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*106.11*	
33 61 13 00-0153	EA	12" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,458.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*140.43*	
33 61 13 00-0154		**Elbows** *(33 61 13 00-0111)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0155	EA	3/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,243.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.61*	
33 61 13 00-0156	EA	1" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,278.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.14*	
33 61 13 00-0157	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,460.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.33*	
33 61 13 00-0158	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,611.94	
		For High Density Polyethylene (HDPE) Jacket, Add	*28.72*	
33 61 13 00-0159	EA	2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,759.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.92*	
33 61 13 00-0160	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,941.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*31.12*	
33 61 13 00-0161	EA	3" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,246.99	
		For High Density Polyethylene (HDPE) Jacket, Add	*35.90*	
33 61 13 00-0162	EA	4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,621.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*41.89*	
33 61 13 00-0163	EA	5" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,257.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*53.85*	
33 61 13 00-0164	EA	6" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,651.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*61.17*	
33 61 13 00-0165	EA	8" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,212.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*88.43*	
33 61 13 00-0166	EA	10" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,848.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*113.03*	
33 61 13 00-0167	EA	12" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,916.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*149.59*	
33 61 13 00-0168		**Tees** *(33 61 13 00-0110)*		
33 61 13 00-0169		**Tees** *(33 61 13 00-0168)*		
		Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0170	EA	3/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,539.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.40*	
33 61 13 00-0171	EA	1" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,584.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*28.05*	
33 61 13 00-0172	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,811.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*31.92*	
33 61 13 00-0173	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,004.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*34.82*	
33 61 13 00-0174	EA	2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,208.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*36.27*	
33 61 13 00-0175	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,463.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*37.72*	
33 61 13 00-0176	EA	3" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,853.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*43.52*	
33 61 13 00-0177	EA	4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,330.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*50.78*	
33 61 13 00-0178	EA	5" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,114.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*65.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0179	EA	6" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,597.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*74.15*	
33 61 13 00-0180	EA	8" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,545.22	
		For High Density Polyethylene (HDPE) Jacket, Add	*107.19*	
33 61 13 00-0181	EA	10" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	8,648.03	
		For High Density Polyethylene (HDPE) Jacket, Add	*137.01*	
33 61 13 00-0182	EA	12" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	11,222.38	
		For High Density Polyethylene (HDPE) Jacket, Add	*181.34*	

33 61 13 00-0183 Tees *(33 61 13 00-0168)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0184	EA	3/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,642.35	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.46*	
33 61 13 00-0185	EA	1" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,690.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*30.15*	
33 61 13 00-0186	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,931.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*34.31*	
33 61 13 00-0187	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,135.02	
		For High Density Polyethylene (HDPE) Jacket, Add	*37.43*	
33 61 13 00-0188	EA	2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,344.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*38.99*	
33 61 13 00-0189	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,605.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*40.55*	
33 61 13 00-0190	EA	3" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,017.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*46.79*	
33 61 13 00-0191	EA	4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,520.54	
		For High Density Polyethylene (HDPE) Jacket, Add	*54.58*	
33 61 13 00-0192	EA	5" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,358.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*70.18*	
33 61 13 00-0193	EA	6" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,875.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*79.71*	
33 61 13 00-0194	EA	8" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,947.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*115.23*	
33 61 13 00-0195	EA	10" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,161.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*147.29*	
33 61 13 00-0196	EA	12" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	11,902.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*194.94*	

33 61 13 00-0197 Tees *(33 61 13 00-0168)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0198	EA	3/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,745.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*31.51*	
33 61 13 00-0199	EA	1" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,795.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*32.25*	
33 61 13 00-0200	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,050.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*36.70*	
33 61 13 00-0201	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,265.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*40.04*	
33 61 13 00-0202	EA	2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,480.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*41.71*	
33 61 13 00-0203	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,746.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*43.38*	
33 61 13 00-0204	EA	3" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,180.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*50.05*	
33 61 13 00-0205	EA	4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,710.94	
		For High Density Polyethylene (HDPE) Jacket, Add	*58.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0206	EA	5" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,603.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*75.08*	
33 61 13 00-0207	EA	6" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,153.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*85.27*	
33 61 13 00-0208	EA	8" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,349.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*123.27*	
33 61 13 00-0209	EA	10" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	9,675.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*157.57*	
33 61 13 00-0210	EA	12" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	12,582.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*208.54*	

33 61 13 00-0211 Tees *(33 61 13 00-0168)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0212	EA	3/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,847.88	
		For High Density Polyethylene (HDPE) Jacket, Add	*33.57*	
33 61 13 00-0213	EA	1" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,900.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*34.36*	
33 61 13 00-0214	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,170.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*39.10*	
33 61 13 00-0215	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,396.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*42.65*	
33 61 13 00-0216	EA	2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,616.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*44.43*	
33 61 13 00-0217	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,888.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*46.21*	
33 61 13 00-0218	EA	3" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,343.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*53.31*	
33 61 13 00-0219	EA	4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,901.35	
		For High Density Polyethylene (HDPE) Jacket, Add	*62.20*	
33 61 13 00-0220	EA	5" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,848.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*79.97*	
33 61 13 00-0221	EA	6" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,431.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*90.83*	
33 61 13 00-0222	EA	8" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,751.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*131.31*	
33 61 13 00-0223	EA	10" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	10,189.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*167.84*	
33 61 13 00-0224	EA	12" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	13,262.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*222.14*	

33 61 13 00-0225 Reducers *(33 61 13 00-0110)*

33 61 13 00-0226 Reducers *(33 61 13 00-0225)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0227	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	867.54	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.32*	
33 61 13 00-0228	EA	1" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	893.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.68*	
33 61 13 00-0229	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,021.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.84*	
33 61 13 00-0230	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,131.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.46*	
33 61 13 00-0231	EA	2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,250.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.27*	
33 61 13 00-0232	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,409.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.08*	
33 61 13 00-0233	EA	3" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,626.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.33*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0234	EA	4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,893.56	
		For High Density Polyethylene (HDPE) Jacket, Add	*28.38*	
33 61 13 00-0235	EA	5" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,332.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*36.49*	
33 61 13 00-0236	EA	6" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,605.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*41.44*	
33 61 13 00-0237	EA	8" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,708.03	
		For High Density Polyethylene (HDPE) Jacket, Add	*59.91*	
33 61 13 00-0238	EA	10" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,906.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*76.58*	
33 61 13 00-0239	EA	12" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,358.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*101.36*	
33 61 13 00-0240		**Reducers** *(33 61 13 00-0225)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0241	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	924.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.46*	
33 61 13 00-0242	EA	1" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	952.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.85*	
33 61 13 00-0243	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,088.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.18*	
33 61 13 00-0244	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,204.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.92*	
33 61 13 00-0245	EA	2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,326.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.79*	
33 61 13 00-0246	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,488.96	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.66*	
33 61 13 00-0247	EA	3" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,717.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.15*	
33 61 13 00-0248	EA	4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,999.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*30.51*	
33 61 13 00-0249	EA	5" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,469.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*39.23*	
33 61 13 00-0250	EA	6" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,761.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*44.55*	
33 61 13 00-0251	EA	8" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,932.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*64.41*	
33 61 13 00-0252	EA	10" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,193.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*82.32*	
33 61 13 00-0253	EA	12" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	6,738.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*108.96*	
33 61 13 00-0254		**Reducers** *(33 61 13 00-0225)*		
		Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0255	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	982.42	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.61*	
33 61 13 00-0256	EA	1" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,010.94	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.03*	
33 61 13 00-0257	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,155.23	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.51*	
33 61 13 00-0258	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,277.17	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.38*	
33 61 13 00-0259	EA	2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,402.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.31*	
33 61 13 00-0260	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,568.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.24*	

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33 61 13 00-0261	EA	3" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,809.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.97*	
33 61 13 00-0262	EA	4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,106.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*32.64*	
33 61 13 00-0263	EA	5" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,606.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*41.96*	
33 61 13 00-0264	EA	6" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,916.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*47.66*	
33 61 13 00-0265	EA	8" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,157.37	
		For High Density Polyethylene (HDPE) Jacket, Add	*68.90*	
33 61 13 00-0266	EA	10" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,481.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*88.07*	
33 61 13 00-0267	EA	12" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,118.96	
		For High Density Polyethylene (HDPE) Jacket, Add	*116.56*	
33 61 13 00-0268		**Reducers** *(33 61 13 00-0225)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0269	EA	3/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,039.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.76*	
33 61 13 00-0270	EA	1" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,069.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.20*	
33 61 13 00-0271	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,222.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.85*	
33 61 13 00-0272	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,350.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.84*	
33 61 13 00-0273	EA	2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,478.91	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.83*	
33 61 13 00-0274	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,647.07	
		For High Density Polyethylene (HDPE) Jacket, Add	*25.83*	
33 61 13 00-0275	EA	3" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,900.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.80*	
33 61 13 00-0276	EA	4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,212.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*34.77*	
33 61 13 00-0277	EA	5" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,743.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*44.70*	
33 61 13 00-0278	EA	6" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,072.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*50.77*	
33 61 13 00-0279	EA	8" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,382.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*73.39*	
33 61 13 00-0280	EA	10" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,768.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*93.81*	
33 61 13 00-0281	EA	12" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	7,499.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*124.16*	
33 61 13 00-0282		**Preinsulated Type K Copper Pipe** *(33 61 13 00-0052)*		
		Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.		
33 61 13 00-0283		**Type K Copper Carrier Pipe** *(33 61 13 00-0282)*		
		Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0284	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	45.84	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.41*	
33 61 13 00-0285	LF	1" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	49.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.45*	
33 61 13 00-0286	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	54.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.51*	
33 61 13 00-0287	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	57.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.54*	
33 61 13 00-0288	LF	2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	61.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0289	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	71.24	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.62*	
33 61 13 00-0290	LF	3" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	82.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.67*	
33 61 13 00-0291	LF	4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	104.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.84*	
33 61 13 00-0292	LF	5" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	130.54	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.07*	
33 61 13 00-0293	LF	6" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	152.37	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.25*	
33 61 13 00-0294	LF	8" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	199.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.82*	
33 61 13 00-0295	LF	10" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	249.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.40*	
33 61 13 00-0296	LF	12" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	308.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.99*	
33 61 13 00-0297		Type K Copper Carrier Pipe *(33 61 13 00-0282)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0298	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	47.88	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.45*	
33 61 13 00-0299	LF	1" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	52.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.49*	
33 61 13 00-0300	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	56.96	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.56*	
33 61 13 00-0301	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	60.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.60*	
33 61 13 00-0302	LF	2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	63.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.63*	
33 61 13 00-0303	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	74.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.68*	
33 61 13 00-0304	LF	3" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	85.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.73*	
33 61 13 00-0305	LF	4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	108.91	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.92*	
33 61 13 00-0306	LF	5" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	135.91	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.18*	
33 61 13 00-0307	LF	6" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	158.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.37*	
33 61 13 00-0308	LF	8" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	208.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.00*	
33 61 13 00-0309	LF	10" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	261.17	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.64*	
33 61 13 00-0310	LF	12" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	323.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.29*	
33 61 13 00-0311		Type K Copper Carrier Pipe *(33 61 13 00-0282)*		
		Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0312	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	48.91	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.47*	
33 61 13 00-0313	LF	1" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	53.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.52*	
33 61 13 00-0314	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	58.23	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.58*	
33 61 13 00-0315	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	62.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.63*	

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33 61 13 00-0316	LF	2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	65.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 00-0317	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	75.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.71*	
33 61 13 00-0318	LF	3" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	87.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.77*	
33 61 13 00-0319	LF	4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	111.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.97*	
33 61 13 00-0320	LF	5" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	138.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.24*	
33 61 13 00-0321	LF	6" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	161.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.43*	
33 61 13 00-0322	LF	8" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	213.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.09*	
33 61 13 00-0323	LF	10" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	267.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.76*	
33 61 13 00-0324	LF	12" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	331.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.44*	

33 61 13 00-0325 Type K Copper Carrier Pipe *(33 61 13 00-0282)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0326	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	50.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.50*	
33 61 13 00-0327	LF	1" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	54.95	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.55*	
33 61 13 00-0328	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	60.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.62*	
33 61 13 00-0329	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	64.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.67*	
33 61 13 00-0330	LF	2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	67.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.70*	
33 61 13 00-0331	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	78.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.76*	
33 61 13 00-0332	LF	3" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	90.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.82*	
33 61 13 00-0333	LF	4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	114.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.03*	
33 61 13 00-0334	LF	5" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	142.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.32*	
33 61 13 00-0335	LF	6" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	166.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.53*	
33 61 13 00-0336	LF	8" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	219.94	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.22*	
33 61 13 00-0337	LF	10" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	276.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.94*	
33 61 13 00-0338	LF	12" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	342.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.66*	

33 61 13 00-0339 Preinsulated Copper Fittings *(33 61 13 00-0052)*

33 61 13 00-0340 Elbows *(33 61 13 00-0339)*

33 61 13 00-0341 Elbows *(33 61 13 00-0340)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0342	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	331.24	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.66*	
33 61 13 00-0343	EA	1" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	344.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.77*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0344	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	396.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.43*	
33 61 13 00-0345	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	448.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.92*	
33 61 13 00-0346	EA	2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	537.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.17*	
33 61 13 00-0347	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	656.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.41*	
33 61 13 00-0348	EA	3" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	762.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.40*	
33 61 13 00-0349	EA	4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	890.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.63*	
33 61 13 00-0350	EA	5" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,045.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.10*	
33 61 13 00-0351	EA	6" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,145.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.61*	
33 61 13 00-0352	EA	8" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,599.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.23*	
33 61 13 00-0353	EA	10" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,205.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.30*	
33 61 13 00-0354	EA	12" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,791.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*30.83*	
33 61 13 00-0355		**Elbows** *(33 61 13 00-0340)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0356	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	348.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.01*	
33 61 13 00-0357	EA	1" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	362.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.13*	
33 61 13 00-0358	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	416.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.83*	
33 61 13 00-0359	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	471.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.36*	
33 61 13 00-0360	EA	2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	560.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.63*	
33 61 13 00-0361	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	680.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.89*	
33 61 13 00-0362	EA	3" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	790.67	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.96*	
33 61 13 00-0363	EA	4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	922.77	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.28*	
33 61 13 00-0364	EA	5" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,087.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.93*	
33 61 13 00-0365	EA	6" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,193.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.55*	
33 61 13 00-0366	EA	8" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,667.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.59*	
33 61 13 00-0367	EA	10" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,292.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*25.04*	
33 61 13 00-0368	EA	12" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,906.75	
		For High Density Polyethylene (HDPE) Jacket, Add	*33.15*	
33 61 13 00-0369		**Elbows** *(33 61 13 00-0340)*		
		Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0370	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	366.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.36*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0371	EA	1" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	380.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.48*	
33 61 13 00-0372	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	437.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.24*	
33 61 13 00-0373	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	493.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.81*	
33 61 13 00-0374	EA	2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	583.96	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.09*	
33 61 13 00-0375	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	704.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.38*	
33 61 13 00-0376	EA	3" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	818.42	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.51*	
33 61 13 00-0377	EA	4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	955.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.93*	
33 61 13 00-0378	EA	5" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,129.22	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.77*	
33 61 13 00-0379	EA	6" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,240.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.50*	
33 61 13 00-0380	EA	8" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,735.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.96*	
33 61 13 00-0381	EA	10" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,379.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.79*	
33 61 13 00-0382	EA	12" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,022.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*35.46*	

33 61 13 00-0383 Elbows *(33 61 13 00-0340)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0384	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	383.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.71*	
33 61 13 00-0385	EA	1" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	397.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.84*	
33 61 13 00-0386	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	457.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.65*	
33 61 13 00-0387	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	515.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.25*	
33 61 13 00-0388	EA	2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	607.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.55*	
33 61 13 00-0389	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	728.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.86*	
33 61 13 00-0390	EA	3" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	846.17	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.07*	
33 61 13 00-0391	EA	4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	987.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.58*	
33 61 13 00-0392	EA	5" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,170.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.60*	
33 61 13 00-0393	EA	6" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,287.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.44*	
33 61 13 00-0394	EA	8" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,804.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.33*	
33 61 13 00-0395	EA	10" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,467.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*28.54*	
33 61 13 00-0396	EA	12" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,138.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*37.77*	

33 61 13 00-0397 Tees *(33 61 13 00-0339)*

33 61 13 00-0398 Tees *(33 61 13 00-0397)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0399	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	493.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.92*	
33 61 13 00-0400	EA	1" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	512.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.08*	
33 61 13 00-0401	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	590.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.06*	
33 61 13 00-0402	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	668.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.79*	
33 61 13 00-0403	EA	2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	801.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.16*	
33 61 13 00-0404	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	978.67	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.52*	
33 61 13 00-0405	EA	3" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,138.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.99*	
33 61 13 00-0406	EA	4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,329.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.82*	
33 61 13 00-0407	EA	5" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,563.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.48*	
33 61 13 00-0408	EA	6" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,709.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.72*	
33 61 13 00-0409	EA	8" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,384.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.07*	
33 61 13 00-0410	EA	10" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,292.42	
		For High Density Polyethylene (HDPE) Jacket, Add	*34.60*	
33 61 13 00-0411	EA	12" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,163.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*45.79*	
33 61 13 00-0412		Tees *(33 61 13 00-0397)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0413	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	519.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.44*	
33 61 13 00-0414	EA	1" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	539.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.61*	
33 61 13 00-0415	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	620.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.66*	
33 61 13 00-0416	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	701.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.45*	
33 61 13 00-0417	EA	2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	835.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.84*	
33 61 13 00-0418	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,014.38	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.24*	
33 61 13 00-0419	EA	3" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,180.07	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.81*	
33 61 13 00-0420	EA	4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,377.24	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.78*	
33 61 13 00-0421	EA	5" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,625.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.72*	
33 61 13 00-0422	EA	6" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,780.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.13*	
33 61 13 00-0423	EA	8" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,485.54	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.10*	
33 61 13 00-0424	EA	10" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,422.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*37.19*	
33 61 13 00-0425	EA	12" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,335.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*49.22*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0426		**Tees** *(33 61 13 00-0397)*		
		Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0427	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	545.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.96*	
33 61 13 00-0428	EA	1" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	565.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.14*	
33 61 13 00-0429	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	650.88	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.27*	
33 61 13 00-0430	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	734.67	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.11*	
33 61 13 00-0431	EA	2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	870.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.53*	
33 61 13 00-0432	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,050.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.95*	
33 61 13 00-0433	EA	3" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,221.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.64*	
33 61 13 00-0434	EA	4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,425.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.74*	
33 61 13 00-0435	EA	5" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,686.91	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.96*	
33 61 13 00-0436	EA	6" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,850.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.53*	
33 61 13 00-0437	EA	8" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,586.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*31.13*	
33 61 13 00-0438	EA	10" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,549.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*39.79*	
33 61 13 00-0439	EA	12" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,509.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*52.66*	
33 61 13 00-0440		**Tees** *(33 61 13 00-0397)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0441	EA	3/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	571.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.48*	
33 61 13 00-0442	EA	1" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	592.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.68*	
33 61 13 00-0443	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	681.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.87*	
33 61 13 00-0444	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	767.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.77*	
33 61 13 00-0445	EA	2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	904.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.22*	
33 61 13 00-0446	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,085.81	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.67*	
33 61 13 00-0447	EA	3" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,262.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.46*	
33 61 13 00-0448	EA	4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,473.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.71*	
33 61 13 00-0449	EA	5" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,748.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.19*	
33 61 13 00-0450	EA	6" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,920.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.94*	
33 61 13 00-0451	EA	8" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,687.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*33.16*	
33 61 13 00-0452	EA	10" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,679.23	
		For High Density Polyethylene (HDPE) Jacket, Add	*42.38*	
33 61 13 00-0453	EA	12" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,681.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*56.09*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0454		Reducers *(33 61 13 00-0339)*		
33 61 13 00-0455		Reducers *(33 61 13 00-0454)*		
		Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0456	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	281.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.87*	
33 61 13 00-0457	EA	1" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	293.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.96*	
33 61 13 00-0458	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	337.81	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.50*	
33 61 13 00-0459	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	383.23	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.91*	
33 61 13 00-0460	EA	2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	462.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.12*	
33 61 13 00-0461	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	575.54	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.32*	
33 61 13 00-0462	EA	3" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	663.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.14*	
33 61 13 00-0463	EA	4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	770.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.17*	
33 61 13 00-0464	EA	5" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	902.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.21*	
33 61 13 00-0465	EA	6" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	987.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.46*	
33 61 13 00-0466	EA	8" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,375.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.13*	
33 61 13 00-0467	EA	10" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,903.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.34*	
33 61 13 00-0468	EA	12" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,402.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*25.59*	
33 61 13 00-0469		Reducers *(33 61 13 00-0454)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0470	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	296.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.16*	
33 61 13 00-0471	EA	1" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	308.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.26*	
33 61 13 00-0472	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	354.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.84*	
33 61 13 00-0473	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	401.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.28*	
33 61 13 00-0474	EA	2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	481.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.50*	
33 61 13 00-0475	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	595.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.72*	
33 61 13 00-0476	EA	3" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	686.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.60*	
33 61 13 00-0477	EA	4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	797.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.70*	
33 61 13 00-0478	EA	5" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	937.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.90*	
33 61 13 00-0479	EA	6" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,026.54	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.25*	
33 61 13 00-0480	EA	8" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,432.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.26*	
33 61 13 00-0481	EA	10" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,976.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0482	EA	12" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,498.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.51*	

33 61 13 00-0483 Reducers *(33 61 13 00-0454)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0484	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	310.84	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.45*	
33 61 13 00-0485	EA	1" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	322.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.55*	
33 61 13 00-0486	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	371.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.18*	
33 61 13 00-0487	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	420.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.65*	
33 61 13 00-0488	EA	2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	500.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.89*	
33 61 13 00-0489	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	615.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.12*	
33 61 13 00-0490	EA	3" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	709.95	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.06*	
33 61 13 00-0491	EA	4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	824.67	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.24*	
33 61 13 00-0492	EA	5" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	971.81	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.60*	
33 61 13 00-0493	EA	6" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,065.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.03*	
33 61 13 00-0494	EA	8" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,488.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.40*	
33 61 13 00-0495	EA	10" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,048.56	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.24*	
33 61 13 00-0496	EA	12" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,594.37	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.43*	

33 61 13 00-0497 Reducers *(33 61 13 00-0454)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0498	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	325.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.74*	
33 61 13 00-0499	EA	1" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	337.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.85*	
33 61 13 00-0500	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	388.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.52*	
33 61 13 00-0501	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	438.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.02*	
33 61 13 00-0502	EA	2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	519.84	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.27*	
33 61 13 00-0503	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	635.42	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.52*	
33 61 13 00-0504	EA	3" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	732.99	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.52*	
33 61 13 00-0505	EA	4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	851.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.78*	
33 61 13 00-0506	EA	5" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,006.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.29*	
33 61 13 00-0507	EA	6" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,105.22	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.82*	
33 61 13 00-0508	EA	8" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,545.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0509	EA	10" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,121.07	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.69*	
33 61 13 00-0510	EA	12" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,690.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*31.35*	
33 61 13 00-0511		**Preinsulated Ductile Iron Carrier Pipe** *(33 61 13 00-0052)*		
		Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.		
33 61 13 00-0512		**Ductile Iron Carrier Pipe** *(33 61 13 00-0511)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0513	LF	4" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	177.27	
33 61 13 00-0514	LF	6" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	259.66	
33 61 13 00-0515	LF	8" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	352.33	
33 61 13 00-0516	LF	10" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	448.76	
33 61 13 00-0517	LF	12" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	557.32	
33 61 13 00-0518		**Ductile Iron Carrier Pipe** *(33 61 13 00-0511)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0519	LF	4" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	189.21	
33 61 13 00-0520	LF	6" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	277.40	
33 61 13 00-0521	LF	8" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	378.16	
33 61 13 00-0522	LF	10" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	482.85	
33 61 13 00-0523	LF	12" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	599.83	
33 61 13 00-0524	LF	14" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	656.92	
33 61 13 00-0525	LF	16" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	741.50	
33 61 13 00-0526	LF	18" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	836.04	
33 61 13 00-0527	LF	20" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	921.15	
33 61 13 00-0528	LF	24" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,093.48	
33 61 13 00-0529		**Preinsulated Ductile Iron Fittings** *(33 61 13 00-0052)*		
33 61 13 00-0530		**Elbows** *(33 61 13 00-0529)*		
33 61 13 00-0531		**Elbows** *(33 61 13 00-0530)*		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0532	EA	4" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,585.23	
33 61 13 00-0533	EA	6" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,137.31	
33 61 13 00-0534	EA	8" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,024.19	
33 61 13 00-0535	EA	10" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,050.82	
33 61 13 00-0536	EA	12" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	5,214.24	
33 61 13 00-0537		**Elbows** *(33 61 13 00-0530)*		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0538	EA	4" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,732.81	
33 61 13 00-0539	EA	6" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,352.82	
33 61 13 00-0540	EA	8" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,335.75	
33 61 13 00-0541	EA	10" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,449.06	
33 61 13 00-0542	EA	12" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	5,741.31	
33 61 13 00-0543	EA	14" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	6,993.02	
33 61 13 00-0544	EA	16" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	8,286.54	
33 61 13 00-0545	EA	18" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	10,348.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0546	EA	20" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	13,114.14	
33 61 13 00-0547	EA	24" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	16,905.78	

33 61 13 00-0548 Tees *(33 61 13 00-0529)*

33 61 13 00-0549 Tees *(33 61 13 00-0548)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0550	EA	4" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,361.97	
33 61 13 00-0551	EA	6" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,183.61	
33 61 13 00-0552	EA	8" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,501.34	
33 61 13 00-0553	EA	10" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	6,035.55	
33 61 13 00-0554	EA	12" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	7,764.68	

33 61 13 00-0555 Tees *(33 61 13 00-0548)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0556	EA	4" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,581.13	
33 61 13 00-0557	EA	6" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,503.66	
33 61 13 00-0558	EA	8" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,964.01	
33 61 13 00-0559	EA	10" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	6,626.93	
33 61 13 00-0560	EA	12" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	8,547.39	
33 61 13 00-0561	EA	14" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	10,243.37	
33 61 13 00-0562	EA	16" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	12,141.82	
33 61 13 00-0563	EA	18" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	15,165.45	
33 61 13 00-0564	EA	20" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	19,226.07	
33 61 13 00-0565	EA	24" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	24,777.19	

33 61 13 00-0566 Reducers *(33 61 13 00-0529)*

33 61 13 00-0567 Reducers *(33 61 13 00-0566)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0568	EA	4" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,352.44	
33 61 13 00-0569	EA	6" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,815.65	
33 61 13 00-0570	EA	8" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,565.66	
33 61 13 00-0571	EA	10" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,446.48	
33 61 13 00-0572	EA	12" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,426.20	

33 61 13 00-0573 Reducers *(33 61 13 00-0566)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 00-0574	EA	4" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,474.93	
33 61 13 00-0575	EA	6" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,994.53	
33 61 13 00-0576	EA	8" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,824.25	
33 61 13 00-0577	EA	10" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,777.01	
33 61 13 00-0578	EA	12" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,863.67	
33 61 13 00-0579	EA	14" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	5,822.01	
33 61 13 00-0580	EA	16" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	6,892.82	
33 61 13 00-0581	EA	18" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	8,560.93	
33 61 13 00-0582	EA	20" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	10,914.89	
33 61 13 00-0583	EA	24" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	14,099.85	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0584		Tempered Water Piping Pre-Insulated *(33 61 13 00-0052)*		
33 61 13 00-0585		Fiberglass Reinforced Polyester (FRP) Carrier And Casing, 1" Polyurethane Insulation *(33 61 13 00-0584)*		
33 61 13 00-0586	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	132.77	21.87
33 61 13 00-0587	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	171.34	23.87
33 61 13 00-0588	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	240.25	26.56
33 61 13 00-0589	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	331.33	33.20
33 61 13 00-0590	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	425.08	40.95
33 61 13 00-0591		Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing, 1" Polyurethane Insulation *(33 61 13 00-0584)*		
33 61 13 00-0592	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	63.19	23.87
33 61 13 00-0593	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	76.08	23.87
33 61 13 00-0594	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	88.31	23.87
33 61 13 00-0595	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	105.60	28.21
33 61 13 00-0596	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	127.66	35.81
33 61 13 00-0597		Polyvinyl Chloride (PVC) Carrier And Casing, 1" Polyurethane Insulation *(33 61 13 00-0584)*		
33 61 13 00-0598	LF	4" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	63.19	23.87
33 61 13 00-0599	LF	6" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	76.07	23.87
33 61 13 00-0600	LF	8" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	87.23	23.87
33 61 13 00-0601	LF	10" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	105.60	28.21
33 61 13 00-0602	LF	12" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	127.65	35.81

33 70 Electrical Utilities *(33)*

33 71 Electrical Utility Transmission and Distribution *(33 70)*

33 71 19 Electrical Underground Ducts, Ductbanks and Manholes *(33 71)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 71 19 13 Electrical Manholes and Handholes *(33 71 19)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 13-0001		Electrical Handholes And Pull Boxes *(33 71 19 13)*		
33 71 19 13-0002		Electrical Pull Boxes *(33 71 19 13-0001)*		
		See CSI section 33 05 63 00-0427 for handholes.		
33 71 19 13-0003	EA	24" x 36" x 24", Electric Pull Boxes, Precast Concrete	1,987.56	
33 71 19 13-0004	EA	24" x 36" x 36", Electric Pull Boxes, Precast Concrete	2,383.82	
33 71 19 13-0005	EA	30" x 48" x 36", Electric Pull Boxes, Precast Concrete	2,762.68	
33 71 19 13-0006	EA	36" x 72" x 24", Electric Pull Boxes, Precast Concrete	4,311.73	
33 71 19 13-0007	EA	36" x 60" x 36", Electric Pull Boxes, Precast Concrete	4,602.83	
33 71 19 13-0008	EA	48" x 48" x 36", Electric Pull Boxes, Precast Concrete	4,952.22	
33 71 19 13-0009	EA	48" x 60" x 48", Electric Pull Boxes, Precast Concrete	5,698.87	
33 71 19 13-0010		Electrical Pull Boxes (CALTRANS) *(33 71 19 13-0001)*		
33 71 19 13-0011	EA	Body, CALTRANS 3-1/2 Precast Concrete Pull Box	136.34	
33 71 19 13-0012	EA	Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	54.05	
33 71 19 13-0013	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	83.24	
33 71 19 13-0014	EA	Bolt Down Cast Iron Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	175.34	
33 71 19 13-0015	EA	Bolt Down Steel Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	270.84	
		For Galvanized Steel Cover, Add	*46.23*	
33 71 19 13-0016	EA	12" Extension, CALTRANS 3-1/2 Precast Concrete Pull Box	68.54	
33 71 19 13-0017	EA	Flat Plate Base, CALTRANS 3-1/2 Precast Concrete Pull Box	68.54	
33 71 19 13-0018	EA	Body, CALTRANS 5 Precast Concrete Pull Box	195.19	
33 71 19 13-0019	EA	Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	72.14	
33 71 19 13-0020	EA	Bolt Down Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	101.32	
33 71 19 13-0021	EA	Bolt Down Steel Cover, CALTRANS 5 Precast Concrete Pull Box	358.99	
		For Galvanized Steel Cover, Add	*84.76*	
33 71 19 13-0022	EA	12" Extension, CALTRANS 5 Precast Concrete Pull Box	96.80	
33 71 19 13-0023	EA	Flat Plate Base, CALTRANS 5 Precast Concrete Pull Box	90.58	
33 71 19 13-0024	EA	Body, CALTRANS 6 Precast Concrete Pull Box	213.27	
33 71 19 13-0025	EA	Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	96.43	
33 71 19 13-0026	EA	Bolt Down Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	125.62	
33 71 19 13-0027	EA	Bolt Down Steel Cover, CALTRANS 6 Precast Concrete Pull Box	492.35	
		For Galvanized Steel Cover, Add	*118.66*	
33 71 19 13-0028	EA	12" Extension, CALTRANS 6 Precast Concrete Pull Box	114.88	
33 71 19 13-0029	EA	Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	108.10	
33 71 19 13-0030	EA	6" Return Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	148.78	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 13-0031	EA	Body, CALTRANS 3-1/2-T Precast Concrete Pull Box	301.91	
33 71 19 13-0032	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2-T Precast Concrete Pull Box	431.32	
33 71 19 13-0033	EA	12" Extension, CALTRANS 3-1/2-T Precast Concrete Pull Box	137.48	
33 71 19 13-0034	EA	Flat Plate Base, CALTRANS 3-1/2-T Precast Concrete Pull Box	126.18	
33 71 19 13-0035	EA	Body, CALTRANS 5-T Precast Concrete Pull Box	394.09	
33 71 19 13-0036	EA	Bolt Down Concrete Cover, CALTRANS 5-T Precast Concrete Pull Box	623.44	
33 71 19 13-0037	EA	12" Extension, CALTRANS 5-T Precast Concrete Pull Box	164.61	
33 71 19 13-0038	EA	Flat Plate Base, CALTRANS 5-T Precast Concrete Pull Box	160.09	
33 71 19 13-0039	EA	Body, CALTRANS 6-T Precast Concrete Pull Box	559.09	
33 71 19 13-0040	EA	Bolt Down Concrete Cover, CALTRANS 6-T Precast Concrete Pull Box	872.07	
33 71 19 13-0041	EA	12" Extension, CALTRANS 6-T Precast Concrete Pull Box	277.62	
33 71 19 13-0042	EA	Flat Plate Base, CALTRANS 6-T Precast Concrete Pull Box	216.59	
33 71 19 13-0043		**Precast Concrete Box Extensions** *(33 71 19 13-0001)*		
33 71 19 13-0044	EA	14" x 20" x 12", Precast Concrete Extension	215.26	
33 71 19 13-0045	EA	18" x 28" x 12", Precast Concrete Extension	270.45	
33 71 19 13-0046	EA	24" x 36" x 12", Precast Concrete Extension	353.17	
33 71 19 13-0047	EA	30" x 48" x 12", Precast Concrete Extension	436.87	
33 71 19 13-0048	EA	36" x 60" x 12", Precast Concrete Extension	695.68	
33 71 19 13-0049	EA	36" x 72" x 12", Precast Concrete Extension	927.99	
33 71 19 13-0050	EA	48" x 48" x 12", Precast Concrete Extension	1,050.03	
33 71 19 13-0051	EA	48" x 60" x 12", Precast Concrete Extension	1,287.73	
33 71 19 13-0052		**Electrical Property Line Boxes** *(33 71 19 13)*		
33 71 19 13-0053	EA	3'-6" x 2'-9" x 2' Deep Property Line Box	3,985.22	393.95
33 71 19 13-0054	EA	4'-6" x 3'-6" x 4' Deep Property Line Box	4,667.40	408.53
33 71 19 13-0055	EA	6' x 4' x 5' Deep Property Line Box	5,135.21	496.08
33 71 19 13-0056	EA	11'-6" x 4'-6" x 6' Deep Property Line Box	7,853.77	729.53
33 71 19 13-0057		**Manhole Accessories** *(33 71 19 13)*		
33 71 19 13-0058	EA	6" Precast Grade Ring Riser Casting	485.74	
33 71 19 13-0059	EA	12" Precast Grade Ring Riser Casting	526.04	
33 71 19 13-0060	EA	36" Opening Cast Iron Frame And Cover (NEENAH #R-1640-D)	2,759.92	
33 71 19 13-0061	EA	42" Opening Cast Iron Frame And Cover (NEENAH #R-1740-E1)	3,609.74	
33 71 19 13-0062	EA	Cast Iron Adjusting Ring (NEENAH #R-1979)	1,128.55	
33 71 19 13-0063	EA	Cast Iron Frame And Cover (NEENAH #R-1640-B)	1,449.78	

33 71 19 23 Trenched Electrical Underground Duct and Ductbanks *(33 71 19)*

33 71 19 23-0001 Underground Ductbank *(33 71 19 23)*

Note: Installation of single or multiple configuration underground utility raceways assembly to have minimum 3" concrete leveling base and encased in concrete envelope. Based on minimum 100' run, minimum 30" bury depth. Includes installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications. Individual rows to be stacked for larger duct bank configurations. See CSI section 03 30 53 00-0001 for concrete.

33 71 19 23-0002 Rigid Galvanized Steel Conduit, Galvanized Rigid Conduit (GRC) Or Rigid Galvanized Steel (RGS), Duct Bank *(33 71 19 23-0001)*

Note: Includes appropriate spacers and fittings.

33 71 19 23-0003	LF	2 At 2", Rigid Galvanized Conduit Duct Bank	41.50
33 71 19 23-0004	LF	4 At 2", Rigid Galvanized Conduit Duct Bank	83.03
33 71 19 23-0005	LF	2 At 3", Rigid Galvanized Conduit Duct Bank	86.37
33 71 19 23-0006	LF	4 At 3", Rigid Galvanized Conduit Duct Bank	173.27
33 71 19 23-0007	LF	2 At 4", Rigid Galvanized Conduit Duct Bank	127.32
33 71 19 23-0008	LF	4 At 4", Rigid Galvanized Conduit Duct Bank	255.76
33 71 19 23-0009	LF	6 At 4", Rigid Galvanized Conduit Duct Bank	383.84
33 71 19 23-0010	LF	2 At 5", Rigid Galvanized Conduit Duct Bank	244.18
33 71 19 23-0011	LF	4 At 5", Rigid Galvanized Conduit Duct Bank	487.24
33 71 19 23-0012	LF	6 At 5", Rigid Galvanized Conduit Duct Bank	747.41
33 71 19 23-0013	LF	2 At 6", Rigid Galvanized Conduit Duct Bank	346.47
33 71 19 23-0014	LF	4 At 6", Rigid Galvanized Conduit Duct Bank	695.58
33 71 19 23-0015	LF	6 At 6", Rigid Galvanized Conduit Duct Bank	1,036.69

33 71 19 23-0016 Polyvinyl Chloride (PVC), Type EB-20 Duct Bank System *(33 71 19 23-0001)*

Note: Includes appropriate spacers and fittings.

33 71 19 23-0017	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	8.75
33 71 19 23-0018	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	19.05
33 71 19 23-0019	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	36.74
33 71 19 23-0020	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	11.67
33 71 19 23-0021	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	23.27
33 71 19 23-0022	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	47.21
33 71 19 23-0023	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	15.93
33 71 19 23-0024	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	31.90
33 71 19 23-0025	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	63.88
33 71 19 23-0026	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	95.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 23-0027	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	20.68	
33 71 19 23-0028	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	41.31	
33 71 19 23-0029	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	80.38	
33 71 19 23-0030	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	115.02	
33 71 19 23-0031	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	35.46	
33 71 19 23-0032	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	56.48	
33 71 19 23-0033	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	113.18	
33 71 19 23-0034	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	180.81	
33 71 19 23-0035		Polyvinyl Chloride (PVC), Type DB-60 Duct Bank System *(33 71 19 23-0001)*		
		Note: Includes appropriate spacers and fittings.		
33 71 19 23-0036	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	9.75	
33 71 19 23-0037	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	21.10	
33 71 19 23-0038	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	40.60	
33 71 19 23-0039	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	12.23	
33 71 19 23-0040	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	24.44	
33 71 19 23-0041	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	48.66	
33 71 19 23-0042	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	16.51	
33 71 19 23-0043	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	33.07	
33 71 19 23-0044	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	66.22	
33 71 19 23-0045	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	99.29	
33 71 19 23-0046	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	21.56	
33 71 19 23-0047	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	43.07	
33 71 19 23-0048	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	83.90	
33 71 19 23-0049	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	120.32	
33 71 19 23-0050	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	36.68	
33 71 19 23-0051	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	59.01	
33 71 19 23-0052	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	118.25	
33 71 19 23-0053	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	188.41	
33 71 19 23-0054		Male Or Female Adapters *(33 71 19 23-0001)*		
33 71 19 23-0055	EA	2" Adapter	45.00	
33 71 19 23-0056	EA	3" Adapter	69.37	
33 71 19 23-0057	EA	4" Adapter	91.26	
33 71 19 23-0058	EA	5" Adapter	153.63	
33 71 19 23-0059	EA	6" Adapter	186.84	
33 71 19 23-0060		Underground Electrical Concrete Markers *(33 71 19 23)*		
33 71 19 23-0061	EA	36" x 6" x 6", Underground Electric Concrete Marker	360.41	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

34 Transportation

34 01 Operation and Maintenance of Transportation *(34)*

34 01 23 Operation and Maintenance of Railways *(34 01)*

34 01 23 33 Track Realignment *(34 01 23)*

34 01 23 33-0001 Realign Railroad Track *(34 01 23 33)*

34 01 23 33-0002	LF	Removal Of Track Rails and Ties And Re-Install Including New Bolts And Spikes		100.96
34 01 23 33-0003	EA	Removal Of Railroad Track Turnouts And Re-install Including New Bolts And Spikes		4,926.31

34 01 43 Operation and Maintenance of Bridges *(34 01)*

34 01 43 00-0001 Repair Of Bridge Posts *(34 01 43)*

34 01 43 00-0002	SF	Chipping Of Concrete To Expose Rebar		36.60
34 01 43 00-0003	EA	Removal And Replacement Of Concrete Post, 20" x 20" Square, 36" To 42" High Note: Includes removal of damaged post, drilling, epoxy injection, rebar, forms and concrete.		1,988.54
34 01 43 00-0004	EA	Repair Bearing Pad		709.15

34 01 43 00-0005 Repair Of Bridge Rails *(34 01 43)*

34 01 43 00-0006	EA	Repair Concrete Rail Supports		358.92
34 01 43 00-0007	LF	Repair Guardrail		134.59
34 01 43 00-0008	LF	Repair Bridge Parapet Wall		224.32
34 01 43 00-0009	LF	Repair Bridge Rail		88.86
34 01 43 00-0010	LF	Repair Damaged Metal Rail And Posts		47.04
34 01 43 00-0011	LF	Removal And Replacement Of 1-1/2" Galvanized Metal Rail		56.95
34 01 43 00-0012	LF	Removal And Replacement Of 2-1/2" Galvanized Metal Rail		78.60
34 01 43 00-0013	LF	Removal And Replacement Of 3" Galvanized Metal Rail		90.36

34 01 43 00-0014 Repair Of Bridge *(34 01 43)*

34 01 43 00-0015	LF	Repair Of Expansion Joints On Bridge		24.12

34 05 Common Work Results for Transportation *(34)*

34 05 43 Common Work Results for Bridges *(34 05)*

34 05 43 00-0001 Mobilize Bridge Crew *(34 05 43)*
Note: Excludes mobilize jacking crew.

34 05 43 00-0002	EA	Mobilize Bridge Crew		1,257.24

34 05 43 00-0003 Remove And Patch Bridge And Structures Concrete *(34 05 43)*
Note: This section is used for repairing areas of concrete decks, floors, verticals and overheads and approximately 1" to 6" deep in connection with bridge and structure repairs. Includes chipping, sandblasting, cleaning, primer, formwork, cement/concrete as listed, finish and debris removal. Excludes scaffolding, saw cutting, disposal and/or concrete pump truck.

34 05 43 00-0004 Remove And Patch Decks Or Floors *(34 05 43 00-0003)*
Note: For patching decks and floors, there are tasks with a unit of measure of EA for a quantity of less than 16 SF, followed by a SF task for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task (less the initial 16 SF) to arrive at the total quantity for the project.

34 05 43 00-0005	EA	Remove And Patch Up To 16 SF Of Decks Or Floors, Up To 6" Portland Cement Based Repair Material		2,306.55
34 05 43 00-0006	SF	Remove And Patch >16 SF Decks Or Floors, Up To 6" Portland Cement Based Repair Material		98.08
34 05 43 00-0007	EA	Remove And Patch Up To 16 SF Of Decks Or Floors, Up To 6" Rapid Set Concrete Repair Material		2,380.81
34 05 43 00-0008	SF	Remove And Patch >16 SF Decks Or Floors, Up To 6" Rapid Set Concrete Repair Material		102.72
34 05 43 00-0009	EA	Remove And Patch Up To 16 SF Of Decks Or Floors, Up To 6" Rapid Set Polymer Concrete Methyl Methacrylate		2,364.38
34 05 43 00-0010	SF	Remove And Patch >16 SF Decks Or Floors, Up To 6" Rapid Set Polymer Concrete Methyl Methacrylate		101.70
34 05 43 00-0011	EA	Remove And Patch Up To 16 SF Of Decks Or Floors, Up To 6" SSI Flex Patch (Other Than Specified)		3,623.04
		For Owner Furnished Material, Deduct		*-1,542.70*
34 05 43 00-0012	SF	Remove And Patch >16 SF Decks Or Floors, Up To 6" SSI Flex Patch (Other Than Specified)		180.36
		For Owner Furnished Material, Deduct		*-96.40*

34 05 43 00-0013 Remove And Patch Verticals Or Overheads *(34 05 43 00-0003)*
Note: For patching verticals and overhead, there are tasks with a unit of measure of EA for a quantity of less than 16 SF, followed by a SF task for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task (less the initial 16 SF) to arrive at the total quantity for the project.

34 05 43 00-0014	EA	Remove And Patch Up To 16 SF Of Verticals Or Overheads, Up To 6" Portland Cement Based Repair Material		2,716.13
34 05 43 00-0015	SF	Remove And Patch >16 SF Verticals Or Overheads, Up To 6" Portland Cement Based Repair Material		118.56
34 05 43 00-0016	EA	Remove And Patch Up To 16 SF Of Verticals Or Overheads, Up To 6" Rapid Set Concrete Repair Material		2,790.39
34 05 43 00-0017	SF	Remove And Patch >16 SF Verticals Or Overheads, Up To 6" Rapid Set Concrete Repair Material		123.20
34 05 43 00-0018	EA	Remove And Patch Up To 16 SF Of Verticals Or Overheads, Up To 6" Rapid Set Polymer Concrete Methyl Methacrylate		2,773.96
34 05 43 00-0019	SF	Remove And Patch >16 SF Verticals Or Overheads, Up To 6" Rapid Set Polymer Concrete Methyl Methacrylate		122.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0020	EA	Remove And Patch Up To 16 SF Of Verticals Or Overheads, Up To 6" SSI Flex Patch (Other Than Specified)	4,032.62	
		For Owner Furnished Material, Deduct	*-1,542.70*	
34 05 43 00-0021	SF	Remove And Patch >16 SF Verticals Or Overheads, Up To 6" SSI Flex Patch (Other Than Specified)	200.84	
		For Owner Furnished Material, Deduct	*-96.40*	

34 05 43 00-0022 Remove And Patch Pier Caps And Pedestals *(34 05 43 00-0003)*

Note: For patching pier caps and pedestals, there are tasks with a unit of measure of EA for a quantity of less than 16 SF, followed by a SF task for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task (less the initial 16 SF) to arrive at the total quantity for the project.

34 05 43 00-0023	EA	Remove And Patch Up To 16 SF Of Pier Caps And Pedestals, Up To 6" Portland Cement Based Repair Material	3,125.72	
34 05 43 00-0024	SF	Remove And Patch >16 SF Pier Caps And Pedestals, Up To 6" Portland Cement Based Repair Material	133.92	
34 05 43 00-0025	EA	Remove And Patch Up To 16 SF Of Pier Caps And Pedestals, Up To 6" Rapid Set Concrete Repair Material	3,199.98	
34 05 43 00-0026	SF	Remove And Patch >16 SF Pier Caps And Pedestals, Up To 6" Rapid Set Concrete Repair Material	138.56	
34 05 43 00-0027	EA	Patch Up To 16 SF Of Pier Caps And Pedestals, Up To 6" Rapid Set Polymer Concrete Methyl Methacrylate	3,183.55	
34 05 43 00-0028	SF	Remove And Patch >16 SF Pier Caps And Pedestals, Up To 6" Rapid Set Polymer Concrete Methyl Methacrylate	137.54	
34 05 43 00-0029	EA	Remove And Patch Up To 16 SF Of Pier Caps And Pedestals, Up To 6" SSI Flex Patch (Other Than Specified)	4,442.21	
		For Owner Furnished Material, Deduct	*-1,542.70*	
34 05 43 00-0030	SF	Remove And Patch >16 SF Pier Caps And Pedestals, Up To 6" SSI Flex Patch (Other Than Specified)	216.20	
		For Owner Furnished Material, Deduct	*-96.40*	

34 05 43 00-0031 Remove And Patch Circular Piers *(34 05 43 00-0003)*

Note: For patching circular piers, there are tasks with a unit of measure of EA for a quantity of less than 16 SF, followed by a SF task for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task (less the initial 16 SF) to arrive at the total quantity for the project.

34 05 43 00-0032	EA	Remove And Patch Up To 16 SF Of Circular Pier, Up To 6" Portland Cement Based Repair Material	3,740.10	
34 05 43 00-0033	SF	Remove And Patch >16 SF Of Circular Pier, Up To 6" Portland Cement Based Repair Material	149.27	
34 05 43 00-0034	EA	Remove And Patch Up To 16 SF Of Circular Pier, Up To 6" Rapid Set Concrete Repair Material	3,814.36	
34 05 43 00-0035	SF	Remove And Patch >16 SF Of Circular Pier, Up To 6" Rapid Set Concrete Repair Material	153.91	
34 05 43 00-0036	EA	Remove And Patch Up To 16 SF Of Circular Pier, Up To 6" Rapid Set Polymer Concrete Methyl Methacrylate	3,797.93	
34 05 43 00-0037	SF	Remove And Patch >16 SF Circular Pier, Up To 6" Rapid Set Polymer Concrete Methyl Methacrylate	173.68	
34 05 43 00-0038	EA	Remove And Patch Up To 16 SF Of Circular Pier, Up To 6" SSI Flex Patch (Other Than Specified)	5,056.59	
		For Owner Furnished Material, Deduct	*-1,542.70*	
34 05 43 00-0039	SF	Remove And Patch >16 SF Of Circular Pier, Up To 6" SSI Flex Patch (Other Than Specified)	231.55	
		For Owner Furnished Material, Deduct	*-96.40*	

34 05 43 00-0040 Fiber Reinforced Shotcrete Repair *(34 05 43)*

34 05 43 00-0041	EA	Mobilize Fiber Reinforced Shotcrete Repair Crew	812.62	
34 05 43 00-0042	SF	Up to 2" Thick, Fiber Reinforced Shotcrete Repair	62.44	
		For Up To 25, Add	*30.48*	
		For >25 To 50, Add	*15.24*	
		For >50 To 150, Add	*6.10*	
34 05 43 00-0043	SF	>2" To 4" Thick, Fiber Reinforced Shotcrete Repair	74.06	
		For Up To 25, Add	*35.56*	
		For >25 To 50, Add	*17.78*	
		For >50 To 150, Add	*7.11*	
34 05 43 00-0044	SF	>4" To 6" Thick, Fiber Reinforced Shotcrete Repair	85.70	
		For Up To 25, Add	*40.64*	
		For >25 To 50, Add	*20.32*	
		For >50 To 150, Add	*8.13*	

34 05 43 00-0045 Bridge Railing *(34 05 43)*

34 05 43 00-0046 Remove And Store Bridge Railings *(34 05 43 00-0045)*

34 05 43 00-0047	LF	Removal And Storage Of One Rail Bridge Railing	7.17	
34 05 43 00-0048	LF	Removal And Storage Of Two Rail Bridge Railing	14.33	
34 05 43 00-0049	LF	Removal And Storage Of Three Rail Bridge Railing	21.50	
34 05 43 00-0050	LF	Removal And Storage Of Four Rail Bridge Railing	28.66	

34 05 43 00-0051 Install Stored Or Supplied Bridge Railings *(34 05 43 00-0045)*

34 05 43 00-0052	LF	Install Stored Or Supplied One Rail Bridge Railing	60.37	
34 05 43 00-0053	LF	Install Stored Or Supplied Two Rail Bridge Railing	120.75	
34 05 43 00-0054	LF	Install Stored Or Supplied Three Rail Bridge Railing	181.12	
34 05 43 00-0055	LF	Install Stored Or Supplied Four Rail Bridge Railing	241.51	

34 05 43 00-0056 Bridge Bearings *(34 05 43)*

Note: Excludes drilling and anchor bolts.

34 05 43 00-0057 Elastomeric Bearings *(34 05 43 00-0056)*

34 05 43 00-0058	EA	Plain Elastomeric, Type EP Bearing, 716-10, All Loads	1,143.59	307.90
34 05 43 00-0059	EA	Steel Laminated Elastomeric, Type EL Bearing, 716-11, Up To 100K	1,713.28	615.79
		For >100K To 250K Load, Add	*86.66*	
		For >250K To 500K Load, Add	*173.31*	
		For >500K To 750K Load, Add	*259.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0060	EA	Elastomeric with External Load Plates, Type EB Bearing, 716-12, Up To 100K	3,898.68	923.68
		For >100K To 250K Load, Add	*262.86*	
		For >250K To 500K Load, Add	*525.72*	
		For >500K To 750K Load, Add	*788.59*	
34 05 43 00-0061		**Fixed Structural Pot Bearings** *(34 05 43 00-0056)*		
34 05 43 00-0062	EA	100K To 250K Fixed Structural Pot Bearing	3,427.48	
34 05 43 00-0063	EA	>250K To 500K Fixed Structural Pot Bearing	5,237.38	
34 05 43 00-0064	EA	>500K To 750K Fixed Structural Pot Bearing	7,047.24	
34 05 43 00-0065		**Universal Structural Expansion Pot Bearings** *(34 05 43 00-0056)*		
34 05 43 00-0066	EA	100K To 250K Universal Structural Pot Bearing	4,251.41	
34 05 43 00-0067	EA	>250K To 500K Universal Structural Pot Bearing	6,502.78	
34 05 43 00-0068	EA	>500K To 750K Universal Structural Pot Bearing	8,757.98	
34 05 43 00-0069		**Guided Structural Expansion Pot Bearings** *(34 05 43 00-0056)*		
34 05 43 00-0070	EA	100K To 250K Guided Structural Pot Bearing	4,402.90	
34 05 43 00-0071	EA	>250K To 500K Guided Structural Pot Bearing	6,729.99	
34 05 43 00-0072	EA	>500K To 750K Guided Structural Pot Bearing	9,060.92	
34 05 43 00-0073		**Remove, Repair And Install Bridge Bearings** *(34 05 43 00-0056)*		
34 05 43 00-0074		**Remove Structural Bearings** *(34 05 43 00-0073)*		
34 05 43 00-0075	EA	100K To 250K Structural Bearing Removal	442.60	
34 05 43 00-0076	EA	>250K To 500K Structural Bearing Removal	885.20	
34 05 43 00-0077	EA	>500K To 750K Structural Bearing Removal	1,327.80	
34 05 43 00-0078		**Install And Set Supplied Or Restored Structural Bearings** *(34 05 43 00-0073)*		
34 05 43 00-0079	EA	100K To 250K Structural Bearing - Install And Set Supplied Or Restored Bearing	663.90	
34 05 43 00-0080	EA	>250K To 500K Structural Bearing - Install And Set Supplied Or Restored Bearing	1,327.80	
34 05 43 00-0081	EA	>500K To 750K Structural Bearing - Install And Set Supplied Or Restored Bearing	1,991.69	
34 05 43 00-0082		**Power Wash And Paint Structural Bearings** *(34 05 43 00-0073)*		
		Note: Includes bearing plates.		
34 05 43 00-0083	EA	100K To 250K Structural Bearing - Power Wash And Paint	1,035.80	
34 05 43 00-0084	EA	>250K To 500K Structural Bearing - Power Wash And Paint	1,170.19	
34 05 43 00-0085	EA	>500K To 750K Structural Bearing - Power Wash And Paint	1,304.58	
34 05 43 00-0086		**Power Wash, Mechanically Clean And Paint Structural Bearings** *(34 05 43 00-0073)*		
		Note: Includes bearing plates. Excludes paint removal.		
34 05 43 00-0087	EA	100K To 250K Structural Bearing - Power Wash, Mechanically Clean And Paint	1,377.94	
		For Vacuum Contained Cleaning, Add	*342.12*	
34 05 43 00-0088	EA	>250K To 500K Structural Bearing - Power Wash, Mechanically Clean And Paint	1,555.06	
		For Vacuum Contained Cleaning, Add	*384.87*	
34 05 43 00-0089	EA	>500K To 750K Structural Bearing - Power Wash, Mechanically Clean And Paint	1,731.79	
		For Vacuum Contained Cleaning, Add	*427.53*	
34 05 43 00-0090		**Power Wash And Paint Only Bearing Plates** *(34 05 43 00-0073)*		
34 05 43 00-0091	EA	100K To 250K Structural Bearing - Power Wash And Paint Only Bearing Plates	646.19	
34 05 43 00-0092	EA	>250K To 500K Structural Bearing - Power Wash And Paint Only Bearing Plates	777.53	
34 05 43 00-0093	EA	>500K To 750K Structural Bearing - Power Wash And Paint Only Bearing Plates	908.87	
34 05 43 00-0094		**Power Wash, Mechanically Clean And Paint Only Bearing Plates** *(34 05 43 00-0073)*		
34 05 43 00-0095	EA	100K To 250K Structural Bearing - Power Wash, Mechanically Clean And Paint Only Bearing Plates	861.73	
		For Vacuum Contained Cleaning, Add	*213.83*	
34 05 43 00-0096	EA	>250K To 500K Structural Bearing - Power Wash, Mechanically Clean And Paint Only Bearing Plates	1,034.11	
		For Vacuum Contained Cleaning, Add	*256.58*	
34 05 43 00-0097	EA	>500K To 750K Structural Bearing - Power Wash, Mechanically Clean And Paint Only Bearing Plates	1,206.11	
		For Vacuum Contained Cleaning, Add	*299.24*	
34 05 43 00-0098		**Sand Blast And Paint Structural Bearings** *(34 05 43 00-0073)*		
		Note: Includes bearing plates.		
34 05 43 00-0099	EA	100K To 250K Structural Bearing - Sand Blast And Paint	1,651.59	
		For Vacuum Contained Cleaning, Add	*410.53*	
34 05 43 00-0100	EA	>250K To 500K Structural Bearing - Sand Blast And Paint	1,862.95	
		For Vacuum Contained Cleaning, Add	*461.84*	
34 05 43 00-0101	EA	>500K To 750K Structural Bearing - Sand Blast And Paint	2,074.31	
		For Vacuum Contained Cleaning, Add	*513.16*	
34 05 43 00-0102		**Sand Blast And Paint Only Bearing Plates** *(34 05 43 00-0073)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0103	EA	100K To 250K Structural Bearing - Sand Blast And Paint Only Bearing Plates	1,032.74	
		For Vacuum Contained Cleaning, Add	*256.58*	
34 05 43 00-0104	EA	>250K To 500K Structural Bearing - Sand Blast And Paint Only Bearing Plates	1,239.37	
		For Vacuum Contained Cleaning, Add	*307.90*	
34 05 43 00-0105	EA	>500K To 750K Structural Bearing - Sand Blast And Paint Only Bearing Plates	1,446.01	
		For Vacuum Contained Cleaning, Add	*359.21*	

34 05 43 00-0106 Grease Structural Bearings *(34 05 43 00-0073)*

34 05 43 00-0107	EA	100K To 250K Structural Bearing - Grease	64.15	
34 05 43 00-0108	EA	>250K To 500K Structural Bearing - Grease	96.21	
34 05 43 00-0109	EA	>500K To 750K Structural Bearing - Grease	128.29	

34 05 43 00-0110 Replace Bronze Plate Wearing Pad *(34 05 43 00-0073)*

34 05 43 00-0111	SF	Removal And Replacement Of Bronze Plate Wearing Pad	440.19	

34 05 43 00-0112 Bridge Bearing Rivet Removal *(34 05 43 00-0073)*

See CSI section 02 41 19 13-0082 for reaming of hole, 34 05 43 00-0272 for anchors and grouting.

34 05 43 00-0113	EA	Bridge Bearing Rivet Removal	256.58	

34 05 43 00-0114 Bridge Pintels, Side Keeper, And Shim Plates *(34 05 43)*

34 05 43 00-0115	EA	Removal And Replacement Of Bridge Pintel	266.05	
34 05 43 00-0116	EA	Removal And Replacement Of Bridge Side Keeper	271.81	
34 05 43 00-0117	EA	Refabricate And Install Shim Plates At One Bearing	164.02	
34 05 43 00-0118	EA	Refabricate And Install Beveled Shim Plates At One Bearing	164.02	
34 05 43 00-0119	EA	Refabricate And Install Finger Shim Plates At One Bearing	164.02	

34 05 43 00-0120 Vertical Jacking And Lifting *(34 05 43)*

Note: For vertical jacking of structural members. Includes jacks, hydraulics, and synchronizing equipment where appropriate. Excludes engineering and design. See CSI section 03 01 30 71-0000 for concrete repair, 05 12 23 00-0000 for temporary steel members.

34 05 43 00-0121 Mobilize Jacking Crew And Equipment *(34 05 43 00-0120)*

Note: Includes removing equipment after completion.

34 05 43 00-0122	EA	Mobilize Bridge Jacking Crew and Equipment	2,309.22	
		For Temporary Support Mobilization, Add	*4,618.44*	

34 05 43 00-0123 Vertical Jacking And Lifting Per Point of Contact *(34 05 43 00-0120)*

Note: Includes positioning jack, shims, lifting, and lowering. Excludes temporary steel, temporary lumber, and concrete repairs.

34 05 43 00-0124	EA	Up To 10 Ton Jack, Per Point Of Contact	384.87	
		For Synchronized Lift, Add	*76.97*	
		For Jacking From Temporary Support, Add	*153.95*	
34 05 43 00-0125	EA	>10 To 20 Ton Jack, Per Point Of Contact	449.02	
		For Synchronized Lift, Add	*89.80*	
		For Jacking From Temporary Support, Add	*179.61*	
34 05 43 00-0126	EA	>20 To 40 Ton Jack, Per Point Of Contact	513.16	
		For Synchronized Lift, Add	*102.63*	
		For Jacking From Temporary Support, Add	*205.26*	
34 05 43 00-0127	EA	>40 To 60 Ton Jack, Per Point Of Contact	577.31	
		For Synchronized Lift, Add	*115.46*	
		For Jacking From Temporary Support, Add	*230.92*	
34 05 43 00-0128	EA	>60 To 80 Ton Jack, Per Point Of Contact	641.45	
		For Synchronized Lift, Add	*128.29*	
		For Jacking From Temporary Support, Add	*256.58*	
34 05 43 00-0129	EA	>80 To 100 Ton Jack, Per Point Of Contact	705.60	
		For Synchronized Lift, Add	*141.12*	
		For Jacking From Temporary Support, Add	*282.24*	
34 05 43 00-0130	EA	>100 To 120 Ton Jack, Per Point Of Contact	769.74	
		For Synchronized Lift, Add	*153.95*	
		For Jacking From Temporary Support, Add	*307.90*	
34 05 43 00-0131	EA	>120 To 140 Ton Jack, Per Point Of Contact	801.81	
		For Synchronized Lift, Add	*160.36*	
		For Jacking From Temporary Support, Add	*320.72*	
34 05 43 00-0132	EA	>140 To 160 Ton Jack, Per Point Of Contact	833.89	
		For Synchronized Lift, Add	*166.78*	
		For Jacking From Temporary Support, Add	*333.56*	
34 05 43 00-0133	EA	>160 To 250 Ton Jack, Per Point Of Contact	833.89	
		For Synchronized Lift, Add	*166.78*	
		For Jacking From Temporary Support, Add	*333.56*	
34 05 43 00-0134	EA	>250 To 300 Ton Jack, Per Point Of Contact	898.03	
		For Synchronized Lift, Add	*179.61*	
		For Jacking From Temporary Support, Add	*359.21*	
34 05 43 00-0135	EA	>300 To 400 Ton Jack, Per Point Of Contact	962.18	
		For Synchronized Lift, Add	*192.44*	
		For Jacking From Temporary Support, Add	*384.87*	
34 05 43 00-0136	EA	>400 To 500 Ton Jack, Per Point Of Contact	1,026.32	
		For Synchronized Lift, Add	*205.26*	
		For Jacking From Temporary Support, Add	*410.53*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	34 05 43 00-0137	EA	>500 To 600 Ton Jack, Per Point Of Contact	1,090.47	
			For Synchronized Lift, Add	*218.09*	
			For Jacking From Temporary Support, Add	*436.19*	
34 05 43 00-0138			**Daily Charge For Vertical Jacking Equipment** *(34 05 43 00-0120)* Note: Includes hydraulics and synchronizing equipment.		
	34 05 43 00-0139	DAY	Up To 10 Ton Jacking Equipment Charge By The Day	20.20	
	34 05 43 00-0140	DAY	>10 To 20 Ton Jacking Equipment Charge By The Day	40.40	
	34 05 43 00-0141	DAY	>20 To 40 Ton Jacking Equipment Charge By The Day	80.81	
	34 05 43 00-0142	DAY	>40 To 60 Ton Jacking Equipment Charge By The Day	121.21	
	34 05 43 00-0143	DAY	>60 To 80 Ton Jacking Equipment Charge By The Day	161.62	
	34 05 43 00-0144	DAY	>80 To 100 Ton Jacking Equipment Charge By The Day	202.02	
	34 05 43 00-0145	DAY	>100 To 120 Ton Jacking Equipment Charge By The Day	242.43	
	34 05 43 00-0146	DAY	>120 To 140 Ton Jacking Equipment Charge By The Day	282.83	
	34 05 43 00-0147	DAY	>140 To 160 Ton Jacking Equipment Charge By The Day	323.24	
	34 05 43 00-0148	DAY	>160 To 250 Ton Jacking Equipment Charge By The Day	368.85	
	34 05 43 00-0149	DAY	>250 To 300 Ton Jacking Equipment Charge By The Day	420.48	
	34 05 43 00-0150	DAY	>300 To 400 Ton Jacking Equipment Charge By The Day	532.61	
	34 05 43 00-0151	DAY	>400 To 500 Ton Jacking Equipment Charge By The Day	632.46	
	34 05 43 00-0152	DAY	>500 To 600 Ton Jacking Equipment Charge By The Day	721.03	
34 05 43 00-0153			**Temporary Shoring** *(34 05 43 00-0120)* Note: Setup includes material use cost and initial erection. Setup is also used for relocation to the opposite abutment. Relocation includes moving and setup at a new jacking location. Takedown includes disassembly and removal from the site. Excludes earthwork and temporary stone.		
34 05 43 00-0154			**HP8x36 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring** *(34 05 43 00-0153)*		
	34 05 43 00-0155	EA	HP8x36 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Setup	2,888.78	
	34 05 43 00-0156	EA	HP8x36 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Relocation	2,018.04	
	34 05 43 00-0157	EA	HP8x36 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Take Down And Removal	410.87	
34 05 43 00-0158			**HP12x53 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring** *(34 05 43 00-0153)*		
	34 05 43 00-0159	EA	HP12x53 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Setup	3,014.35	
	34 05 43 00-0160	EA	HP12x53 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Relocation	1,899.67	
	34 05 43 00-0161	EA	HP12x53 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Take Down And Removal	394.14	
34 05 43 00-0162			**HP12x53 Column Attached To Existing Footing, Temporary Wood Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring** *(34 05 43 00-0153)*		
	34 05 43 00-0163	EA	HP12x53 Column Attached To Existing Footing, Temporary Wood Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Setup	1,925.35	
	34 05 43 00-0164	EA	HP12x53 Column Attached To Existing Footing, Temporary Wood Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Relocation	789.16	
	34 05 43 00-0165	EA	HP12x53 Column Attached To Existing Footing, Temporary Wood Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Take Down And Removal	250.91	
34 05 43 00-0166			**HP14x117 Column Attached to Existing Footing, Permanent Steel Stiffeners, Braced by Angles Attached to Abutment Face, Temporary Shoring** *(34 05 43 00-0153)*		
	34 05 43 00-0167	EA	HP14x117 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Setup	5,531.26	
	34 05 43 00-0168	EA	HP14x117 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Relocation	3,111.88	
	34 05 43 00-0169	EA	HP14x117 Column Attached To Existing Footing, Permanent Steel Stiffener, Braced By Angles Attached To Abutment Face, Temporary Shoring Take Down And Removal	675.37	
34 05 43 00-0170			**Mat Supported HP12x63 Column, Braced by Channel and Angles, Attached to Existing 4" Diameter Concrete Column, Temporary Shoring** *(34 05 43 00-0153)* Note: Excludes mats. See CSI section 01 22 23 00-0584 for mats.		
	34 05 43 00-0171	EA	Mat Supported HP12x63 Column, Braced By Channel And Angles Attached To Existing 4' Diameter Concrete Column, Temporary Shoring Setup Note: Excludes mats.	5,795.16	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0172	EA	Mat Supported HP12x63 Column, Braced By Channel And Angles Attached To Existing 4' Diameter Concrete Column, Temporary Shoring Relocation Note: Excludes mats.	2,064.05	
34 05 43 00-0173	EA	Mat Supported HP12x63 Column, Braced By Channel And Angles Attached To Existing 4' Diameter Concrete Column, Temporary Shoring Take Down And Removal Note: Excludes mats.	1,030.83	
34 05 43 00-0174		Mat Supported HP12x53 Column, Braced by Channel and Angles, Attached to Abutment Face, Temporary Shoring *(34 05 43 00-0153)* Note: Excludes mats. See CSI section 01 22 23 00-0584 for mats.		
34 05 43 00-0175	EA	Mat Supported HP12x53 Column, Braced By Angles Attached To Abutment Face, Temporary Shoring Setup	2,445.38	
34 05 43 00-0176	EA	Mat Supported HP12x53 Column, Braced By Angles Attached To Abutment Face, Temporary Shoring Relocation Note: Excludes mats.	625.97	
34 05 43 00-0177	EA	Mat Supported HP12x53 Column, Braced By Angles Attached To Abutment Face, Temporary Shoring Take Down And Removal Note: Excludes mats.	353.37	
34 05 43 00-0178		MC18x51.9 Attached to Abutment Face, Temporary Wood Stiffeners, Temporary Shoring *(34 05 43 00-0153)*		
34 05 43 00-0179	EA	MC18x51.9 Attached To Abutment Face, Temporary Shoring Setup	2,720.97	
34 05 43 00-0180	EA	MC18x51.9 Attached To Abutment Face, Temporary Shoring Relocation	2,486.83	
34 05 43 00-0181	EA	MC18x51.9 Attached To Abutment Face, Temporary Shoring Take Down And Removal	345.00	
34 05 43 00-0182		MC15x74 Attached to Abutment Face, Temporary Wood Stiffeners, Temporary Shoring *(34 05 43 00-0153)*		
34 05 43 00-0183	EA	WT15x74 Attached To Abutment Face, Temporary Shoring Setup	2,000.15	
34 05 43 00-0184	EA	WT15x74 Attached To Abutment Face, Temporary Shoring Relocation	1,810.59	
34 05 43 00-0185	EA	WT15x74 Attached To Abutment Face, Temporary Shoring Take Down And Removal	284.37	
34 05 43 00-0186		Plates And Angles Connecting Existing Diaphragm To Existing Bearing Stiffener At Pedestrian Bridge Column, Temporary Shoring *(34 05 43 00-0153)*		
34 05 43 00-0187	EA	Plates And Angles Connecting Existing Diaphragm To Existing Bearing Stiffener At Pedestrian Bridge, Temporary Shoring Setup Note: Left in place.	1,345.24	
34 05 43 00-0188		Temporary Bridge Shoring Components *(34 05 43 00-0153)* Note: For temporary shoring of columns and abutments associated with vertical jacking of structural members. Includes lifting equipment where appropriate. Excludes engineering and design. See CSI section 01 54 23 00-0059 for temporary lumber.		
34 05 43 00-0189		Fabricate, Install And Remove After Use Temporary Steel Bridge Shoring *(34 05 43 00-0188)* Note: Includes cutting, drilling and welds. Excludes gravel, mats, anchors, and bolts.		
34 05 43 00-0190	LF	Fabricate And Install MC7 x 19.1 For Temorary Bridge Shoring Note: Remove after use.	95.67	
34 05 43 00-0191	LF	Fabricate And Install MC18 x 51.9 For Temorary Bridge Shoring Note: Remove after use.	221.12	
34 05 43 00-0192	LF	Fabricate And Install HP12 x 53 For Temorary Bridge Shoring Note: Remove after use.	176.31	
34 05 43 00-0193	LF	Fabricate And Install HP12 x 63 For Temorary Bridge Shoring Note: Remove after use.	198.24	
34 05 43 00-0194	LF	Fabricate And Install 3" x 3" x 3/8" Angle Iron For Temorary Bridge Shoring Note: Remove after use.	25.30	
		For Galvanized Steel, Add	*6.75*	
34 05 43 00-0195	LF	Fabricate And Install 4" x 4" x 3/8" Angle Iron For Temorary Bridge Shoring Note: Remove after use.	32.31	
		For Galvanized Steel, Add	*9.18*	
34 05 43 00-0196	LF	Fabricate And Install 7" x 4" x 5/8" Angle Iron For Temorary Bridge Shoring Note: Remove after use.	65.77	
		For Galvanized Steel, Add	*20.76*	
34 05 43 00-0197	LF	Fabricate And Install 5" x 3-1/2" x 3/4" Angle Iron For Temorary Bridge Shoring Note: Remove after use.	57.17	
		For Galvanized Steel, Add	*18.60*	
34 05 43 00-0198	LF	Fabricate And Install 7" x 4" x 3/4" Angle Iron For Temorary Bridge Shoring Note: Remove after use.	75.64	
		For Galvanized Steel, Add	*24.61*	
34 05 43 00-0199	SF	Fabricate And Install 5/8" A36 Steel Plates For Temorary Bridge Shoring Note: Remove after use.	98.30	
		For A50 Grade Steel, Add	*2.94*	
34 05 43 00-0200	SF	Fabricate And Install 7/8" A36 Steel Plates For Temorary Bridge Shoring Note: Remove after use.	137.61	
		For A50 Grade Steel, Add	*4.12*	
34 05 43 00-0201	SF	Fabricate And Install 1-3/8" A36 Steel Plates For Temorary Bridge Shoring Note: Remove after use.	216.26	
		For A50 Grade Steel, Add	*6.47*	
34 05 43 00-0202	SF	Fabricate And Install 1-1/2" A36 Steel Plates For Temorary Bridge Shoring Note: Remove after use.	235.92	
		For A50 Grade Steel, Add	*7.06*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0203		Relocate Temporary Steel Bridge Shoring *(34 05 43 00-0188)*			
		Note: Includes removal after use.			
34 05 43 00-0204	EA	Relocate Complete Temporary Steel Bridge Shoring		4,509.14	
		Note: Remove after use. Includes relocating support matts. Excludes anchors, bolts or additional steel if required.			
34 05 43 00-0205	SF	Relocate 1-3/8" A36 Steel Plates For Temorary Bridge Shoring		86.88	
		Note: Remove after use.			
34 05 43 00-0206	LF	Relocate HP12 x 63 For Temorary Bridge Shoring		72.14	
		Note: Remove after use.			
34 05 43 00-0207	LF	Relocate 3" x 3" x 3/8" Angle Iron For Temorary Bridge Shoring		14.42	
		Note: Remove after use.			
34 05 43 00-0208	LF	Relocate 4" x 4" x 3/8" Angle Iron For Temorary Bridge Shoring		17.50	
		Note: Remove after use.			
34 05 43 00-0209	LF	Relocate 7" x 4" x 3/4" Angle Iron For Temorary Bridge Shoring		35.95	
		Note: Remove after use.			
34 05 43 00-0210	SF	Relocate 7/8" A36 Steel Plates For Temorary Bridge Shoring		55.28	
		Note: Remove after use.			
34 05 43 00-0211	LF	Relocate MC7 x 19.1 For Temorary Bridge Shoring		41.84	
		Note: Remove after use.			
34 05 43 00-0212	LF	Relocate HP12 x 53 For Temorary Bridge Shoring		70.64	
		Note: Remove after use.			
34 05 43 00-0213	SF	Relocate 5/8" A36 Steel Plates For Temorary Bridge Shoring		39.49	
		Note: Remove after use.			
34 05 43 00-0214	LF	Relocate 7" x 4" x 5/8" Angle Iron For Temorary Bridge Shoring		32.29	
		Note: Remove after use.			
34 05 43 00-0215	SF	Relocate 1-1/2" A36 Steel Plates For Temorary Bridge Shoring		94.78	
		Note: Remove after use.			
34 05 43 00-0216	LF	Relocate MC18 x 51.9 For Temorary Bridge Shoring		120.75	
		Note: Remove after use.			
34 05 43 00-0217	LF	Relocate 5" x 3-1/2" x 3/4" Angle Iron For Temorary Bridge Shoring		27.17	
		Note: Remove after use.			
34 05 43 00-0218		Pier Caps And Pedestal Replacement For Bridges *(34 05 43)*			
		See CSI section 03 15 19 00-0001 for anchor bolts.			
34 05 43 00-0219	SF	Bridge Wood Formwork For Seats, Pedestals, Pier Caps And Miscellaneous Areas For Bridges		24.69	
34 05 43 00-0220	CWT	Rebar For Pier Cap Or Pedestals For Bridges		443.54	
34 05 43 00-0221	CY	Pour Pedestals For Bridges		399.59	
34 05 43 00-0222	CY	Demolish Concrete Pedestals For Bridges		4,315.38	
34 05 43 00-0223	CY	Pour Pier Cap For Bridges		472.59	
34 05 43 00-0224	CY	Demolish Concrete Pier Cap For Bridges		4,962.21	
34 05 43 00-0225		Bridge Deck Repair *(34 05 43)*			
34 05 43 00-0226		Remove Existing Steel Joint System *(34 05 43 00-0225)*			
34 05 43 00-0227	LF	Removal Of Existing Steel Joint System		62.73	
34 05 43 00-0228		Break-Up And Remove Bridge Decking By Machine *(34 05 43 00-0225)*			
		Note: Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Excludes saw cutting, See CSI section 02 41 19 13-0059 for saw cutting.			
34 05 43 00-0229	SY	Break-Up And Remove Up To 3" Thick Bituminous Pavement Bridge Decking By Machine		21.22	
		For >500 To 1,000, Deduct		*-2.12*	
		For >1,000 To 2,500, Deduct		*-3.82*	
		For >2,500 To 5,000, Deduct		*-5.52*	
		For >5,000 To 10,000, Deduct		*-7.21*	
		For >10,000, Deduct		*-8.91*	
34 05 43 00-0230	SY	Break-Up And Remove >3" To 6" Thick Bituminous Pavement Bridge Decking By Machine		28.98	
		For >500 To 1,000, Deduct		*-2.90*	
		For >1,000 To 2,500, Deduct		*-5.22*	
		For >2,500 To 5,000, Deduct		*-7.53*	
		For >5,000 To 10,000, Deduct		*-9.85*	
		For >10,000, Deduct		*-12.17*	
34 05 43 00-0231	SY	Break-Up And Remove To 3" Thick Concrete With Reinforcing Bridge Decking By Machine		35.15	
		For >500 To 1,000, Deduct		*-3.52*	
		For >1,000 To 2,500, Deduct		*-6.33*	
		For >2,500 To 5,000, Deduct		*-9.14*	
		For >5,000 To 10,000, Deduct		*-11.95*	
		For >10,000, Deduct		*-14.76*	
34 05 43 00-0232	SY	Break-Up And Remove > 3" To 6" Thick Concrete With Reinforcing Bridge Decking By Machine		45.20	
		For >500 To 1,000, Deduct		*-4.52*	
		For >1,000 To 2,500, Deduct		*-8.14*	
		For >2,500 To 5,000, Deduct		*-11.75*	
		For >5,000 To 10,000, Deduct		*-15.37*	
		For >10,000, Deduct		*-18.98*	
34 05 43 00-0233	SY	Break-Up And Remove > 6" To 9" Thick Concrete With Reinforcing Bridge Decking By Machine		80.80	
		For >500 To 1,000, Deduct		*-8.08*	
		For >1,000 To 2,500, Deduct		*-14.54*	
		For >2,500 To 5,000, Deduct		*-21.01*	
		For >5,000 To 10,000, Deduct		*-27.47*	
		For >10,000, Deduct		*-33.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0234	SY	Break-Up And Remove >9" To 14" Thick Concrete With Reinforcing Bridge Decking By Machine	105.45	
		For >500 To 1,000, Deduct	*-10.55*	
		For >1,000 To 2,500, Deduct	*-18.98*	
		For >2,500 To 5,000, Deduct	*-27.42*	
		For >5,000 To 10,000, Deduct	*-35.85*	
		For >10,000, Deduct	*-44.29*	
34 05 43 00-0235	SY	Break-Up And Remove >14" To 19" Thick Concrete With Reinforcing Bridge Decking By Machine	137.87	
		For >500 To 1,000, Deduct	*-13.79*	
		For >1,000 To 2,500, Deduct	*-24.82*	
		For >2,500 To 5,000, Deduct	*-35.85*	
		For >5,000 To 10,000, Deduct	*-46.88*	
		For >10,000, Deduct	*-57.91*	
34 05 43 00-0236	SY	Break-Up And Remove >19" To 24" Thick Concrete With Reinforcing Bridge Decking By Machine	167.33	
		For >500 To 1,000, Deduct	*-16.73*	
		For >1,000 To 2,500, Deduct	*-30.12*	
		For >2,500 To 5,000, Deduct	*-43.51*	
		For >5,000 To 10,000, Deduct	*-56.89*	
		For >10,000, Deduct	*-70.28*	

34 05 43 00-0237 Break-Up And Remove Bridge Decking By Hand *(34 05 43 00-0225)*

Note: Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas up to 100 SF where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Excludes saw cutting. See CSI section 02 41 19 13-0059 for saw cutting.

34 05 43 00-0238	SF	Break-Up And Remove 1" To 3" Thick Bituminous Pavement Bridge Decking By Hand Note: Includes jackhammer and hand tools.	13.60
34 05 43 00-0239	SF	Break-Up And Remove >3" To 6" Thick Bituminous Pavement Bridge Decking By Hand Note: Includes jackhammer and hand tools.	17.89
34 05 43 00-0240	SF	Break-Up And Remove >6" To 8" Thick Bituminous Pavement Bridge Decking By Hand Note: Includes jackhammer and hand tools.	23.26
34 05 43 00-0241	SF	Break-Up And Remove 1" To 3" Thick Concrete Bridge Decking By Hand Note: Includes jackhammer and hand tools.	16.99
34 05 43 00-0242	SF	Break-Up And Remove >3" To 6" Thick Concrete Bridge Decking By Hand Note: Includes jackhammer and hand tools.	21.25
34 05 43 00-0243	SF	Break-Up And Remove >6" To 8" Thick Concrete Bridge Decking By Hand Note: Includes jackhammer and hand tools.	25.49
34 05 43 00-0244	SF	Chipping And Cleaning Of Bridge Deck After Break-up And Removals	5.49

34 05 43 00-0245 Hydro Blasting Of Bridge Decks *(34 05 43 00-0225)*

Note: Excludes hauling and disposal of water and debris.

34 05 43 00-0246	EA	Mobilization Of Hydro Blasting Equipment Note: Includes trailer with power, hydro milling machine, vacuum machine.	13,483.82
34 05 43 00-0247	EA	Mobilization Of Hydro Blasting Equipment Note: Includes water tank, pump and miscellaneous fittings.	1,751.14
34 05 43 00-0248	SF	Hydroblasting Of Up To 2-1/2" Of Bridge Decks	11.47
34 05 43 00-0249	SF	Vacuuming And Cleaning Of Bridge Decks Up To 2-1/2", Following Hydroblasting	8.48
34 05 43 00-0250	SF	Chipping And Cleaning Of Bridge Deck After Hydroblasting And Vacuum Up To 2-1/2"	2.10
34 05 43 00-0251	SF	Hydroblasting 3" To 4-1/2" Of Bridge Decks	16.95
34 05 43 00-0252	SF	Vacuuming And Cleaning Of Bridge Decks 3" To 4-1/2", Following Hydroblasting	11.47
34 05 43 00-0253	SF	Chipping And Cleaning Of Bridge Deck After Hydroblasting And Vacuum 3" To 4-1/2"	5.49
34 05 43 00-0254	GAL	Water For Hydro Blasting Note: Includes delivery.	0.17

34 05 43 00-0255 Patch For Bridge Deck *(34 05 43 00-0225)*

34 05 43 00-0256	CF	Fast-Setting, Rapid-Hardening Structural Repair Mortar For Bridge Deck Note: Includes forming, cleaning, primer, and concrete material. Excludes reinforcing, dowels, and seal.	122.08
34 05 43 00-0257	CF	Polyester-Based Polymer Patch For Bridge Deck Note: Includes forming, cleaning, primer, and concrete material. Excludes reinforcing, dowels, and seal.	144.32
34 05 43 00-0258	SF	Hand Placed Hot Mixed Asphal Repair For Bridge Approach Note: Includes removal of HMA, tack coat, and installation of HMA and compaction by roller.	25.08

34 05 43 00-0259 Pressure Washing For Bridge Deck *(34 05 43 00-0225)*

34 05 43 00-0260	SF	Pressure Washing For Bridge Deck Note: Includes pressure washer and water.	0.09

34 05 43 00-0261 Galvanic Anodes *(34 05 43)*

34 05 43 00-0262	EA	2.6" Diameter x 1.2" Deep , Anode Type 1A Class P, Galvanic Anodes Embedded In Concrete Patch (Galvashield® XP) Note: Corrosion prevention only (preventing the initiation of corrosion).	55.63
34 05 43 00-0263	EA	4.9" Long x 1.0" Wide x 1.0" Deep , Anode Type 1A Class P, Galvanic Anodes Embedded In Concrete Patch (Galvashield® XPT) Note: Corrosion prevention only (preventing the initiation of corrosion).	55.63
34 05 43 00-0264	EA	2.8" Long x 2.4" Wide x 1.2" Deep , Anode Type 1A Class C, Galvanic Anodes Embedded In Concrete Patch (Galvashield® XP2) Note: Corrosion control (reducing existing active corrosion) and corrosion prevention (preventing the initiation of corrosion).	63.60

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0265	EA	4.3" Long x 2.2" Wide x 1.2" Deep , Anode Type 1A Class C, Galvanic Anodes Embedded In Concrete Patch (Galvashield® XP4) Note: Corrosion control (reducing existing active corrosion) and corrosion prevention (preventing the initiation of corrosion).	69.66	
34 05 43 00-0266	EA	2.5" Diameter x 1.1" Deep , Anode Type 1A Class C, Galvanic Anodes Embedded In Concrete Patch (Galvashield® XP+) Note: Corrosion control (reducing existing active corrosion) and corrosion prevention (preventing the initiation of corrosion).	63.60	
34 05 43 00-0267	EA	1-3/4" Diameter x 2-1/2" Long, Anode Type 2A Class C, Galvanic Anodes Embedded In Concrete Patch (Galvashield® CC65) Note: Corrosion control (reducing existing active corrosion) and corrosion prevention (preventing the initiation of corrosion).	65.62	
34 05 43 00-0268	EA	1-3/4" Diameter x 4" Long, Anode Type 2A Class C, Galvanic Anodes Embedded In Concrete Patch (Galvashield® CC100) Note: Corrosion control (reducing existing active corrosion) and corrosion prevention (preventing the initiation of corrosion).	79.75	
34 05 43 00-0269	EA	1-1/8" Diameter x 5-3/8" Long, Anode Type 2A Class C, Galvanic Anodes Embedded In Concrete Patch (Galvashield® CC135) Note: Corrosion control (reducing existing active corrosion) and corrosion prevention (preventing the initiation of corrosion).	73.70	
34 05 43 00-0270		**Bridge Netting Panels** *(34 05 43)*		
34 05 43 00-0271	SF	Bridge Netting Panel Note: Includes cable, beam clamps to attach to the bridge structure without the need for drilling/welding and snap hooks for attaching the net.	9.42	
		For Up To 160, Add	*8.72*	
		For >160 To 320, Add	*4.36*	
		For >320 To 480, Add	*2.18*	
		For >2,000 To 10,000, Deduct	*-0.42*	
		For >10,000 To 25,000, Deduct	*-0.83*	
		For >25,000, Deduct	*-1.25*	
34 05 43 00-0272		**Anchors** *(34 05 43)* Note: Excludes core drilling. See CSI section 02 41 19 13-0082 for core drilling.		
34 05 43 00-0273		**Threaded Rod, A449** *(34 05 43 00-0272)*		
34 05 43 00-0274	LF	7/8" Diameter Continuous Threaded Rod, A449	20.07	
34 05 43 00-0275	LF	1" Diameter Continuous Threaded Rod, A449	23.89	
34 05 43 00-0276	LF	1-1/8" Diameter Continuous Threaded Rod, A449	27.67	
34 05 43 00-0277	LF	1-1/4" Diameter Continuous Threaded Rod, A449	34.95	
34 05 43 00-0278		**Flat Washers, F436** *(34 05 43 00-0272)*		
34 05 43 00-0279	EA	7/8" Flat Washer, F436	2.16	
34 05 43 00-0280	EA	1" Flat Washer, F436	2.52	
34 05 43 00-0281	EA	1-1/8" Flat Washer, F436	2.76	
34 05 43 00-0282	EA	1-1/4" Flat Washer, F436	3.15	
34 05 43 00-0283		**Heavy Hex Nut, A194** *(34 05 43 00-0272)*		
34 05 43 00-0284	EA	7/8" Hex Nut, A194	4.37	
34 05 43 00-0285	EA	1" Hex Nut, A194	5.93	
34 05 43 00-0286	EA	1-1/8" Hex Nut, A194	7.04	
34 05 43 00-0287	EA	1-1/4" Hex Nut, A194	8.41	
34 05 43 00-0288		**Grout For Threaded Rod** *(34 05 43 00-0272)*		
34 05 43 00-0289	IN	Grout 7/8" Rod In Hole	3.09	
34 05 43 00-0290	IN	Grout 1" Rod In Hole	3.52	
34 05 43 00-0291	IN	Grout 1-1/8" Rod In Hole	4.11	
34 05 43 00-0292	IN	Grout 1-1/4" Rod In Hole	4.92	
34 05 43 00-0293		**Test Grouted Anchor** *(34 05 43 00-0272)*		
34 05 43 00-0294	EA	Test Grouted Anchor	34.00	
34 05 43 00-0295		**Removal Of Fasteners Or Anchors In Concrete** *(34 05 43 00-0272)* Note: Includes removal of damaged, chemically adhered or mechanically fastened bolts, studs, threaded rod or concrete anchors with a carbide drill bit.		
34 05 43 00-0296	EA	Drill Out 3/8" Diameter Fastener/Anchor In Concrete	28.63	
34 05 43 00-0297	EA	Drill Out 1/2" Diameter Fastener/Anchor In Concrete	30.79	
34 05 43 00-0298	EA	Drill Out 9/16" Diameter Fastener/Anchor In Concrete	32.27	
34 05 43 00-0299	EA	Drill Out 5/8" Diameter Fastener/Anchor In Concrete	35.09	
34 05 43 00-0300	EA	Drill Out 3/4" Diameter Fastener/Anchor In Concrete	38.38	
34 05 43 00-0301	EA	Drill Out 7/8" Diameter Fastener/Anchor In Concrete	42.46	
34 05 43 00-0302	EA	Drill Out 1" Diameter Fastener/Anchor In Concrete	44.90	
34 05 43 00-0303	EA	Drill Out 1-1/8" Diameter Fastener/Anchor In Concrete	47.79	
34 05 43 00-0304	EA	Drill Out 1-1/4" Diameter Fastener/Anchor In Concrete	51.38	
34 05 43 00-0305	EA	Drill Out 1-1/2" Diameter Fastener/Anchor In Concrete	57.66	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0306		**Bridge Surfacing** *(34 05 43)*		
34 05 43 00-0307		**Bridge Coatings** *(34 05 43 00-0306)*		
		Note: Includes sweeping of bridge deck.		
34 05 43 00-0308	SF	Penetrating Corrosion Inhibitor Sealer For Bridge Decks (Two Coats)	1.15	
		Note: Includes power washing and drying after power washing.		
34 05 43 00-0309	SF	Protective Seal Coat For Existing Bridge Decks	2.18	
34 05 43 00-0310	SF	Penetrating Sealer For Existing Bridge Decks	3.57	
34 05 43 00-0311		**Bridge Membranes** *(34 05 43 00-0306)*		
		Note: Excludes abrasive blasting of deck.		
34 05 43 00-0312	SF	Spray Applied Waterproofing Membrane For Bridge Decks	13.71	
34 05 43 00-0313	SF	Sheet Applied Waterproofing Membrane For Bridge Decks	3.96	
34 05 43 00-0314		**Sealer And Overlay For Bridge Deck** *(34 05 43 00-0306)*		
		Note: Excludes sweeping, cleaning and abrasive blasting.		
34 05 43 00-0315	SY	Shot Blasting Bridge Decks	13.71	
		Note: Includes steel ball media. Includes air cleaning of deck surface after shot blasting.		
34 05 43 00-0316	SY	Thin Polymer (Epoxy) Overlay For Bridge Deck	87.87	
		Note: Includes epoxy overlay applied in two coats with aggregate.		
34 05 43 00-0317	SY	3/4" Thin Polyester Polymer Overlay Wearing Surface For Bridge Deck	161.48	
		Note: Includes HMWM resin primer and polyester concrete. Excludes finishing sand.		
34 05 43 00-0318	SY	1" Thin Polyester Polymer Overlay Wearing Surface For Bridge Deck	184.58	
		Note: Includes HMWM resin primer and polyester concrete. Excludes finishing sand.		
34 05 43 00-0319	SY	1-1/2" Thin Polyester Polymer Overlay Wearing Surface For Bridge Deck	236.33	
		Note: Includes HMWM resin primer and polyester concrete. Excludes finishing sand.		
34 05 43 00-0320	SY	2" Thin Polyester Polymer Overlay Wearing Surface For Bridge Deck	288.07	
		Note: Includes HMWM resin primer and polyester concrete. Excludes finishing sand.		
34 05 43 00-0321	SY	2-1/2" Thin Polyester Polymer Overlay Wearing Surface For Bridge Deck	339.82	
		Note: Includes HMWM resin primer and polyester concrete. Excludes finishing sand.		
34 05 43 00-0322	SY	3" Thin Polyester Polymer Overlay Wearing Surface For Bridge Deck	391.56	
		Note: Includes HMWM resin primer and polyester concrete. Excludes finishing sand.		
34 05 43 00-0323		**Broadcast Silica Sand** *(34 05 43 00-0306)*		
		Note: Includes removing loose sand..		
34 05 43 00-0324	SF	Broadcast Silica Sand	0.28	
34 05 43 00-0325		**Sweeping And Cleaning Of Bridge Deck** *(34 05 43 00-0306)*		
		See CSI section 01 22 23 00-1454 for water trucks, 01 22 23 00-1479 for vacuum sweeper trucks.		
34 05 43 00-0326		**Concrete Overlay For Bridge Deck** *(34 05 43 00-0306)*		
		Note: Includes sweeping and cleaning. Excludes abrasive blasting.		
34 05 43 00-0327	SY	3" Concrete Overlay For Bridge Deck	173.74	
		For DOT Class DP, Add	*33.38*	
		For DOT Class E, Add	*10.89*	
		For DOT Class HP, Add	*31.87*	
34 05 43 00-0328		**Bridge Roadway Grooving** *(34 05 43 00-0306)*		
34 05 43 00-0329	EA	Up To 500 SY Of Bridge Pavement Grooving, Concrete, Longitudinal	3,980.35	
34 05 43 00-0330	SY	Each SY Over First 500 SY Of Bridge Pavement Grooving, Concrete, Longitudinal	6.45	
34 05 43 00-0331	EA	Up To 500 SY Of Bridge Pavement Grooving, Concrete, Traverse	4,434.25	
34 05 43 00-0332	SY	Each SY Over First 500 SY Of Bridge Pavement Grooving, Concrete, Traverse	8.41	
34 05 43 00-0333		**Gravity Fed Concrete Crack Repair** *(34 05 43 00-0306)*		
		Note: Includes removing loose materials and cleaning.		
34 05 43 00-0334	LF	Epoxy Low Viscosity Gravity Fed Concrete Crack Repair	3.53	
34 05 43 00-0335	LF	HMWM Low Viscosity Gravity Fed Concrete Crack Repair	4.14	
34 05 43 00-0336		**Concrete Pumping With Boom Truck** *(34 05 43 00-0306)*		
		See CSI section 03 31 13 00-0010 for concrete delivery for small quantities, 03 37 16 00-0001 for concrete pump truck.		
34 05 43 00-0337		**Bridge Girder Repair** *(34 05 43)*		
34 05 43 00-0338		**Bridge Girder Repair** *(34 05 43 00-0337)*		
		Note: Does not include mobilization of bridge jacking crew. See CSI section 05 05 23 00-0033 for bolts, nuts and washers, 05 12 23 00-0000 for additional steel shapes, angles and channels.		
34 05 43 00-0339	HR	UT, MT, PT Testing	75.00	
		Note: Does not include mileage to job site.		
34 05 43 00-0340	EA	Mobilization of Bridge Girder Repair Crew	2,516.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0341	LF	3" x 3" x 1/4" Angle Iron For Bridge Repair	14.73	5.49
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*23.71*	
		For Aluminum, Add	*1.33*	
		For Galvanized Steel, Add	*4.59*	
34 05 43 00-0342	LF	4" x 4" x 1/4" Angle Iron For Bridge Repair	18.93	6.69
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*32.00*	
		For Aluminum, Add	*1.80*	
		For Galvanized Steel, Add	*6.20*	
34 05 43 00-0343	LF	3" x 3" x 3/8" Angle Iron For Bridge Repair	19.11	6.18
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*34.82*	
		For Aluminum, Add	*1.96*	
		For Galvanized Steel, Add	*6.75*	
34 05 43 00-0344	LF	4" x 4" x 3/8" Angle Iron For Bridge Repair	24.82	7.51
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*47.39*	
		For Aluminum, Add	*2.67*	
		For Galvanized Steel, Add	*9.18*	
34 05 43 00-0345	LF	6" x 4" x 3/8" Angle Iron For Bridge Repair	31.70	9.80
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*59.65*	
		For Aluminum, Add	*3.36*	
		For Galvanized Steel, Add	*11.56*	
34 05 43 00-0346	LF	6" x 6" x 3/8" Angle Iron For Bridge Repair	35.64	9.80
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*72.26*	
		For Aluminum, Add	*4.06*	
		For Galvanized Steel, Add	*14.00*	
34 05 43 00-0347	LF	6" x 6" x 1/2" Angle Iron For Bridge Repair	47.23	13.15
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*95.01*	
		For Aluminum, Add	*5.34*	
		For Galvanized Steel, Add	*18.41*	
34 05 43 00-0348	LF	7" x 4" x 5/8" Angle Iron For Bridge Repair	51.96	13.87
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*107.14*	
		For Aluminum, Add	*6.03*	
		For Galvanized Steel, Add	*20.76*	
34 05 43 00-0349	LF	5" x 3-1/2" x 3/4" Angle Iron For Bridge Repair	45.53	11.64
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*96.00*	
		For Aluminum, Add	*5.40*	
		For Galvanized Steel, Add	*18.60*	
34 05 43 00-0350	LF	6" x 4" x 3/4" Angle Iron For Bridge Repair	54.26	13.88
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*114.43*	
		For Aluminum, Add	*6.44*	
		For Galvanized Steel, Add	*22.17*	
34 05 43 00-0351	LF	7" x 4" x 3/4" Angle Iron For Bridge Repair	60.24	15.41
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*127.01*	
		For Aluminum, Add	*7.14*	
		For Galvanized Steel, Add	*24.61*	
34 05 43 00-0352	LF	8" x 6" x 7/8" Angle Iron For Bridge Repair	87.86	21.46
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*189.60*	
		For Aluminum, Add	*10.67*	
		For Galvanized Steel, Add	*36.74*	
34 05 43 00-0353	LF	C4 x 5.4 - 4" Wide Channels For Bridge Repair	17.59	7.05
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*26.18*	
		For Aluminum, Add	*1.47*	
		For Galvanized Steel, Add	*5.07*	
34 05 43 00-0354	LF	C6 x 8.2 - 6" Wide Channels For Bridge Repair	25.59	9.88
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*39.74*	
		For Aluminum, Add	*2.24*	
		For Galvanized Steel, Add	*7.70*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0355	LF	C8 x 11.5 - 8" Wide Channels For Bridge Repair	34.67	12.94
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*55.74*	
		For Aluminum, Add	*3.14*	
		For Galvanized Steel, Add	*10.80*	
34 05 43 00-0356	LF	C10 x 15.3 - 10" Wide Channels For Bridge Repair	46.13	17.21
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*74.18*	
		For Aluminum, Add	*4.17*	
		For Galvanized Steel, Add	*14.37*	
34 05 43 00-0357	LF	C12 x 20.7 - 12" Wide Channels For Bridge Repair	62.41	23.29
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*100.35*	
		For Aluminum, Add	*5.64*	
		For Galvanized Steel, Add	*19.44*	
34 05 43 00-0358	LF	C15 x 33.9 - 15" Wide Channels For Bridge Repair	102.21	38.14
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
		For Fractured Critical, Add	*20.00*	
		For Stainless Steel, Add	*164.35*	
		For Aluminum, Add	*9.24*	
		For Galvanized Steel, Add	*31.84*	
34 05 43 00-0359	SF	1/2" A36 Steel Plates For Bridge Repair	62.85	15.01
		For A50 Grade Steel, Add	*2.35*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		For Fractured Critical, Add	*20.00*	
34 05 43 00-0360	SF	5/8" A36 Steel Plates For Bridge Repair	78.56	18.76
		For A50 Grade Steel, Add	*2.94*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		For Fractured Critical, Add	*20.00*	
34 05 43 00-0361	SF	3/4" A36 Steel Plates For Bridge Repair	94.26	22.40
		For A50 Grade Steel, Add	*3.53*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		For Fractured Critical, Add	*20.00*	
34 05 43 00-0362	SF	7/8" A36 Steel Plates For Bridge Repair	109.97	26.26
		For A50 Grade Steel, Add	*4.12*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		For Fractured Critical, Add	*20.00*	
34 05 43 00-0363	SF	1" A36 Steel Plates For Bridge Repair	125.68	30.01
		For A50 Grade Steel, Add	*4.70*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		For Fractured Critical, Add	*20.00*	
34 05 43 00-0364	SF	1-1/4" A36 Steel Plates For Bridge Repair	157.10	37.52
		For A50 Grade Steel, Add	*5.88*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		For Fractured Critical, Add	*20.00*	
34 05 43 00-0365	SF	1-3/8" A36 Steel Plates For Bridge Repair	172.82	41.27
		For A50 Grade Steel, Add	*6.47*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		For Fractured Critical, Add	*20.00*	
34 05 43 00-0366	SF	1-1/2" A36 Steel Plates For Bridge Repair	188.53	45.03
		For A50 Grade Steel, Add	*7.06*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		For Fractured Critical, Add	*20.00*	
34 05 43 00-0367	CWT	Removal Of Existing Steel For Bridge Repair A36 Note: For use with angles, channels and steel plates up to 5' x 5'.	65.08	
		For Removal Over 30' To 50', Add	*13.02*	
		For Removal Over 50' To 75', Add	*22.78*	
		For Removal Over 75', Add	*32.54*	
34 05 43 00-0368	TON	Removal Of Existing Steel For Bridge Repair A36 Note: For use with I-beams, floor beams and plates over 5' x 5'.	867.72	
		For Removal Over 30' To 50', Add	*173.54*	
		For Removal Over 50' To 75', Add	*303.70*	
		For Removal Over 75', Add	*433.86*	
34 05 43 00-0369	CWT	Miscellaneous Steel For Bridge Repair A36 Note: For use with angles, channels and steel plates up to 5' x 5'.	488.30	
		For A50 Grade Steel, Add	*84.64*	
		Cutting Fee For Plates 1/2" And Over, Add Per Each Piece	*30.00*	
		Cutting Fee For Channels And Angles, Add Per Each Piece	*20.00*	
34 05 43 00-0370	TON	Miscellaneous Steel For Bridge Repair A36 Note: For use with I-beams, floor beams and plates over 5' x 5'.	7,814.51	
		For A50 Grade Steel, Add	*1,389.36*	
		Cutting Fee For I-beams, Floor Beams And Plates Over 5' x 5', Add Per Each Piece	*30.00*	
34 05 43 00-0371	EA	Field Or Shop Drilled Holes In Miscellaneous Steel For Bridge Repair Up To 15/16" Diameter Note: Per each hole drilled per steel member.	37.38	
34 05 43 00-0372	EA	Field Or Shop Drilled Holes In Miscellaneous Steel For Bridge Repair >15/16" Diameter Note: Per each hole drilled per steel member.	48.56	
34 05 43 00-0373	EA	Bolts A325 For Steel Repair Connections Up To 7/8"	26.83	2.09
34 05 43 00-0374	EA	Bridge Girder Rivet Removal	324.12	
34 05 43 00-0375	LF	Up To 1/2" Thick Edge Grinding, Smoothing Surface After Torch Cutting Note: Includes rust or scale removal.	7.01	
34 05 43 00-0376	LF	>1/2" To 1" Thick Edge Grinding, Smoothing Surface After Torch Cutting Note: Includes rust or scale removal.	12.23	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0377	LF	>1" To 1-1/2" Thick Edge Grinding, Smoothing Surface After Torch Cutting Note: Includes rust or scale removal.	17.46	
34 05 43 00-0378	LF	>1-1/2" To 2" Thick Edge Grinding, Smoothing Surface After Torch Cutting Note: Includes rust or scale removal.	22.69	
34 05 43 00-0379	LF	>2" To 2-1/2" Thick Edge Grinding, Smoothing Surface After Torch Cutting Note: Includes rust or scale removal.	27.92	
34 05 43 00-0380	LF	>2-1/2" To 3" Thick Edge Grinding, Smoothing Surface After Torch Cutting Note: Includes rust or scale removal.	33.14	
34 05 43 00-0381		Cleaning And Preparation Of Painted And Unpainted Metal Surfaces *(34 05 43 00-0337)*		
34 05 43 00-0382	SF	Loose Mill Scale With Fine Powder, Commercial Blast, Surface Preparation, Bridge Girder Repair	1.12	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.10*	
		For >15,000 To 30,000, Deduct	*-0.16*	
		For >30,000, Deduct	*-0.21*	
34 05 43 00-0383	SF	Tight Mill Scale With Fine Powder Rust, Commercial Blast, Surface Preparation, Bridge Girder Repair	1.52	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.18*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 15,000, Deduct	*-0.14*	
		For >15,000 To 30,000, Deduct	*-0.22*	
		For >30,000, Deduct	*-0.29*	
34 05 43 00-0384	SF	Exterior Coating Blistered Pitted, Rust, Commercial Blast, Surface Preparation, Bridge Girder Repair	2.25	
		For Up To 100, Add	*1.39*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 15,000, Deduct	*-0.21*	
		For >15,000 To 30,000, Deduct	*-0.33*	
		For >30,000, Deduct	*-0.43*	
34 05 43 00-0385	SF	Badly Pitted With Rust Nodules, Commercial Blast, Surface Preparation, Bridge Girder Repair	3.75	
		For Up To 100, Add	*2.31*	
		For >100 To 250, Add	*1.08*	
		For >250 To 500, Add	*0.46*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 15,000, Deduct	*-0.35*	
		For >15,000 To 30,000, Deduct	*-0.54*	
		For >30,000, Deduct	*-0.72*	
34 05 43 00-0386	SF	Loose Mill Scale With Fine Powder Rust, Near White Blast, Surface Preparation, Bridge Girder Repair	2.85	
		For Up To 100, Add	*1.73*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 15,000, Deduct	*-0.26*	
		For >15,000 To 30,000, Deduct	*-0.41*	
		For >30,000, Deduct	*-0.54*	
34 05 43 00-0387	SF	Tight Mill Scale Little Rust, Near White Blast, Surface Preparation, Bridge Girder Repair	3.54	
		For Up To 100, Add	*2.14*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.43*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 15,000, Deduct	*-0.33*	
		For >15,000 To 30,000, Deduct	*-0.51*	
		For >30,000, Deduct	*-0.67*	
34 05 43 00-0388	SF	Exterior Coat Blistered Pitted Rust, Near White Blast, Surface Preparation, Bridge Girder Repair	4.58	
		For Up To 100, Add	*2.77*	
		For >100 To 250, Add	*1.29*	
		For >250 To 500, Add	*0.55*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 15,000, Deduct	*-0.42*	
		For >15,000 To 30,000, Deduct	*-0.66*	
		For >30,000, Deduct	*-0.87*	
34 05 43 00-0389	SF	Badly Pitted Rust Nodules, Near White Blast, Surface Preparation, Bridge Girder Repair	5.72	
		For Up To 100, Add	*3.46*	
		For >100 To 250, Add	*1.61*	
		For >250 To 500, Add	*0.69*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 15,000, Deduct	*-0.53*	
		For >15,000 To 30,000, Deduct	*-0.82*	
		For >30,000, Deduct	*-1.09*	
34 05 43 00-0390		Galvanized Anchor Bolts For Bridge Bearings *(34 05 43 00-0337)*		
34 05 43 00-0391	EA	1/2" Diameter x 6" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	10.63	
34 05 43 00-0392	EA	1/2" Diameter x 12" Long, J-Type Galvanized Anchor Bolts For Bridge Bearings	16.51	
34 05 43 00-0393	EA	1/2" Diameter x 18" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	20.47	
34 05 43 00-0394	EA	5/8" Diameter x 12" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	24.19	
34 05 43 00-0395	EA	5/8" Diameter x 18" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	30.27	
34 05 43 00-0396	EA	5/8" Diameter x 24" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	34.20	
34 05 43 00-0397	EA	3/4" Diameter x 8" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	34.03	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0398	EA	3/4" Diameter x 12" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	39.11	
34 05 43 00-0399	EA	3/4" Diameter x 18" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	48.37	
34 05 43 00-0400	EA	3/4" Diameter x 24" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	59.22	
34 05 43 00-0401	EA	7/8" Diameter x 12" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	45.35	
34 05 43 00-0402	EA	7/8" Diameter x 18" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	53.62	
34 05 43 00-0403	EA	7/8" Diameter x 24" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	69.08	
34 05 43 00-0404	EA	1" Diameter x 12" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	56.77	
34 05 43 00-0405	EA	1" Diameter x 18" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	67.79	
34 05 43 00-0406	EA	1" Diameter x 24" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	84.08	
34 05 43 00-0407	EA	1" Diameter x 36" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	103.30	
34 05 43 00-0408	EA	1-1/8" Diameter x 12" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	68.79	
34 05 43 00-0409	EA	1-1/8" Diameter x 18" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	82.21	
34 05 43 00-0410	EA	1-1/8" Diameter x 24" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	102.09	
34 05 43 00-0411	EA	1-1/8" Diameter x 36" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	125.33	
34 05 43 00-0412	EA	1-1/4" Diameter x 12" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	83.74	
34 05 43 00-0413	EA	1-1/4" Diameter x 18" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	100.16	
34 05 43 00-0414	EA	1-1/4" Diameter x 24" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	124.50	
34 05 43 00-0415	EA	1-1/4" Diameter x 36" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	152.73	
34 05 43 00-0416	EA	1-1/2" Diameter x 12" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	102.45	
34 05 43 00-0417	EA	1-1/2" Diameter x 18" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	122.60	
34 05 43 00-0418	EA	1-1/2" Diameter x 24" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	152.53	
34 05 43 00-0419	EA	1-1/2" Diameter x 36" Long, J-Type A449 Galvanized Anchor Bolts For Bridge Bearings	187.02	

34 05 43 00-0420 Welding For Bridge Repair *(34 05 43 00-0337)*

34 05 43 00-0421	EA	Minimum Charge For Welding For Bridge Repair Note: For projects where the total welding charge is less than the minimum charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section.	1,829.37	
34 05 43 00-0422	LF	3/16" Fillet Welding For Bridge Repair	15.11	
		For Full Penetration Weld, Add	*5.72*	
34 05 43 00-0423	LF	1/4" Fillet Welding For Bridge Repair	22.69	
		For Full Penetration Weld, Add	*8.58*	
34 05 43 00-0424	LF	5/16" Fillet Welding For Bridge Repair	30.26	
		For Full Penetration Weld, Add	*11.43*	
34 05 43 00-0425	LF	3/8" Fillet Welding For Bridge Repair	37.80	
		For Full Penetration Weld, Add	*14.29*	
34 05 43 00-0426	LF	7/16" Fillet Welding For Bridge Repair	44.52	
		For Full Penetration Weld, Add	*17.15*	
34 05 43 00-0427	LF	1/2" Fillet Welding For Bridge Repair	52.52	
		For Full Penetration Weld, Add	*19.85*	
34 05 43 00-0428	LF	9/16" Fillet Welding For Bridge Repair	61.06	
		For Full Penetration Weld, Add	*23.39*	
34 05 43 00-0429	LF	5/8" Fillet Welding For Bridge Repair	67.39	
		For Full Penetration Weld, Add	*25.73*	
34 05 43 00-0430	LF	3/4" Fillet Welding For Bridge Repair	93.16	
		For Full Penetration Weld, Add	*35.16*	
34 05 43 00-0431	LF	7/8" Fillet Welding For Bridge Repair	122.39	
		For Full Penetration Weld, Add	*46.60*	
34 05 43 00-0432	LF	1" Fillet Welding For Bridge Repair	170.63	
		For Full Penetration Weld, Add	*64.31*	

34 05 43 00-0433 Bridge Trough Repair *(34 05 43)*

34 05 43 00-0434	EA	New Bridge Trough Hanger	294.02	26.14
34 05 43 00-0435	EA	Reattach By Welding Existing Bridge Trough Hanger, Top And/Or Bottom	66.12	
34 05 43 00-0436	EA	Removal And Replacement Of All Thread For Existing Bridge Trough Hanger	126.06	
34 05 43 00-0437	EA	Removal And Replacement Of Steel Angle Attachment For Existing Bridge Trough Hanger	69.09	

34 05 43 00-0438 Spot Paint Removal And Painting, Bridge Structural Steel *(34 05 43)*

34 05 43 00-0439	HR	Testing For Lead And Asbestos Paint Removal By Asbestos Contractor	118.18	
34 05 43 00-0440	EA	Up To 4 SF, Flat Surfaces, Non-Contaminated Paint Removal	193.65	
34 05 43 00-0441	SF	>4 SF, Flat Surfaces, Non-Contaminated Paint Removal	48.41	
34 05 43 00-0442	EA	Up To 4 SF, Flat Surfaces, Lead Or Asbestos Paint Removal Note: Includes high efficiency particulate air (HEPA) vacuuming.	276.33	
34 05 43 00-0443	SF	>4 SF, Flat Surfaces, Lead Or Asbestos Paint Removal Note: Includes high efficiency particulate air (HEPA) vacuuming.	69.08	
34 05 43 00-0444	CF	Treat and Dispose of Removed Paint Waste	6.14	
34 05 43 00-0445	SF	Flat Surfaces Spot Painting Note: Includes 1 coat epoxy rust inhibiting primer and 2 coats epoxy paint finish.	51.33	
34 05 43 00-0446	EA	Minimum Charge For Plastic Barrier Enclosure for Paint Removal Note: Up to an 8' x 8' area, 7' high. Includes 10 mil plastic on walls and floor. 2"x4" construction. Excludes scaffolding.	1,159.47	
34 05 43 00-0447	SF	Plastic Barrier Enclosure For Paint Removal Note: For projects where the total charge exceeds the minimum charge for plastic barrier enclosures. Includes 10 mil plastic on floor and walls. 2" x 4" construction. Excludes scaffolding. Use area of walls and floor for quantity.	3.62	

34 05 43 00-0448 End Beam Cleaning And Painting *(34 05 43)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0449	SF	End Beam Cleaning and Painting Note: Includes high pressure wash at minimum 3003 to 5000 PSI, spot cleaning damaged/rusted areas with hand and power tools (SSPC – SP2 and SP3), solvent cleaning (SSPC-SP1), one coat of aluminum epoxy mastic (minimum 6 mils) to spot cleaned areas, one coat sealer (1-2 mils), and one coat polyurethane finish.	3.86	
		For Up To 100, Add	*3.86*	
		For >100 To 500, Add	*2.55*	
		For >500 To 3,000, Add	*1.27*	
		For >5,000 To 7,500, Deduct	*-0.62*	
		For >7,500 To 10,000, Deduct	*-0.92*	
		For >10,000, Deduct	*-1.30*	
34 05 43 00-0450		Snow And Pedestrian Fences For Bridges *(34 05 43)*		
34 05 43 00-0451		Snow And Pedestrian Fence Assembly For Bridges *(34 05 43 00-0450)* Note: Includes 1", 11 gauge coiled spring mesh (knuckled selvedge), tension bars, post tension bands, wire ties, 1-5/8" top rail, 1-5/8" bottom rail, 2-7/8" post 10' on-center. Posts exclude installation onto bridge. Heights indicated are for mesh to top.		
34 05 43 00-0452		Galvanized Snow And Pedestrian Fence Assembly For Bridges *(34 05 43 00-0451)*		
34 05 43 00-0453	LF	4' Galvanized Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	49.56	10.80
		For Posts 8' On Centers, Add	*2.72*	
		For Posts 5' On Centers, Add	*10.24*	
		For Up To 100, Add	*9.47*	
		For >100 To 250, Add	*3.49*	
34 05 43 00-0454	LF	>4' To 5' Galvanized Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	54.09	11.34
		For Posts 8' On Centers, Add	*2.96*	
		For Posts 5' On Centers, Add	*11.12*	
		For Up To 100, Add	*10.25*	
		For >100 To 250, Add	*3.77*	
34 05 43 00-0455	LF	>5' To 6' Galvanized Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	58.66	11.88
		For Posts 8' On Centers, Add	*3.20*	
		For Posts 5' On Centers, Add	*12.01*	
		For Up To 100, Add	*11.04*	
		For >100 To 250, Add	*4.05*	
34 05 43 00-0456	LF	>6' To 7' Galvanized Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	61.72	12.42
		For Posts 8' On Centers, Add	*3.37*	
		For Posts 5' On Centers, Add	*12.63*	
		For Up To 100, Add	*11.60*	
		For >100 To 250, Add	*4.26*	
34 05 43 00-0457	LF	>7' To 8' Galvanized Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	70.26	13.50
		For Posts 8' On Centers, Add	*3.82*	
		For Posts 5' On Centers, Add	*14.30*	
		For Up To 100, Add	*13.08*	
		For >100 To 250, Add	*4.78*	
34 05 43 00-0458		Vinyl Coated Snow And Pedestrian Fence Assembly For Bridges *(34 05 43 00-0451)*		
34 05 43 00-0459	LF	4' Vinyl (PVC) Coated Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	52.18	10.80
		For Powder Coated, Add	*6.37*	
		For Aluminum Coated, Add	*12.74*	
		For Posts 8' On Centers, Add	*2.85*	
		For Posts 5' On Centers, Add	*10.71*	
		For Up To 100, Add	*9.86*	
		For >100 To 250, Add	*3.63*	
34 05 43 00-0460	LF	>4' To 5' Vinyl (PVC) Coated Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	57.38	11.34
		For Powder Coated, Add	*7.21*	
		For Aluminum Coated, Add	*14.42*	
		For Posts 8' On Centers, Add	*3.13*	
		For Posts 5' On Centers, Add	*11.72*	
		For Up To 100, Add	*10.74*	
		For >100 To 250, Add	*3.94*	
34 05 43 00-0461	LF	>5' To 6' Vinyl (PVC) Coated Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	65.35	11.88
		For Powder Coated, Add	*8.60*	
		For Aluminum Coated, Add	*17.20*	
		For Posts 8' On Centers, Add	*3.54*	
		For Posts 5' On Centers, Add	*13.22*	
		For Up To 100, Add	*12.04*	
		For >100 To 250, Add	*4.39*	
34 05 43 00-0462	LF	>6' To 7' Vinyl (PVC) Coated Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	69.49	12.42
		For Powder Coated, Add	*9.22*	
		For Aluminum Coated, Add	*18.44*	
		For Posts 8' On Centers, Add	*3.76*	
		For Posts 5' On Centers, Add	*14.03*	
		For Up To 100, Add	*12.76*	
		For >100 To 250, Add	*4.64*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 05 43 00-0463	LF	>7' To 8' Vinyl (PVC) Coated Chain Link Fence, 11 Gauge Coiled Spring 1" Mesh, Top And Bottom Rails, 2-7/8" Post At 10' On-Center	79.33	13.50
		For Powder Coated, Add	*10.78*	
		For Aluminum Coated, Add	*21.57*	
		For Posts 8' On Centers, Add	*4.27*	
		For Posts 5' On Centers, Add	*15.93*	
		For Up To 100, Add	*14.44*	
		For >100 To 250, Add	*5.24*	
34 05 43 00-0464		Bridge Connection Mounting For Snow And Pedestrian Fence Assembly *(34 05 43 00-0451)*		
34 05 43 00-0465	EA	Attach Bridge Fence Post To Steel Bridge Railing Post With U-Bolt, Washers And Nuts Note: Includes drilling into steel post.	57.22	
34 05 43 00-0466	EA	Attach Bridge Fence Post Base To Existing Plate, Welding And Touch-up With Galvanized Paint	31.76	
34 05 43 00-0467	EA	Attach Bridge Fence Post Base With Plate, Welding And Touch-up With Galvanized Paint	92.92	
34 05 43 00-0468	EA	Attach Bridge Fence Post To Concrete Safety Shape Barrier With Bolt, 5/8" Diameter x 4-3/4" Anchor Rods, Washers And Nuts Note: Includes drilling into steel post.	91.07	
34 05 43 00-0469	EA	Attach Bridge Fence Post To Stone Faced Barrier Top With Plate, 3/8" Diameter Anchor Rods, Washers And Nuts Note: Includes drilling into steel post.	133.39	

34 10 Guideways/Railways *(34)*

34 11 Rail Tracks *(34 10)*

34 11 93 Track Appurtenances and Accessories *(34 11)*

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 11 93 00-0001		Railroad Crossings *(34 11 93)*		
34 11 93 00-0002		Asphalt Railroad Crossings *(34 11 93 00-0001)* Note: Based on 8" thickness x 20' including track and approach.		
34 11 93 00-0003	EA	8" Asphalt Railroad Crossing, 12' Roadway 6 CY	2,334.74	359.21
34 11 93 00-0004	EA	8" Asphalt Railroad Crossing, 15' Roadway 7.4 CY	2,749.49	407.11
34 11 93 00-0005	EA	8" Asphalt Railroad Crossing, 18' Roadway 8.9 CY	3,247.65	478.95
34 11 93 00-0006	EA	8" Asphalt Railroad Crossing, 21' Roadway 10.4 CY	3,855.28	574.74
34 11 93 00-0007	EA	8" Asphalt Railroad Crossing, 24' Roadway 11.9 CY	4,654.48	718.43
34 11 93 00-0008		Railroad Crossings - Precast Concrete Inserts *(34 11 93 00-0001)* Note: Based on 6" thickness x standard rail width gauge.		
34 11 93 00-0009	EA	Precast Concrete, Railroad Crossing, 12' Road 6" Thick, Standard Gauge	5,182.42	156.02
34 11 93 00-0010	EA	Precast Concrete, Railroad Crossing, 15' Road 6" Thick, Standard Gauge	6,478.04	189.45
34 11 93 00-0011	EA	Precast Concrete, Railroad Crossing, 18' Road 6" Thick, Standard Gauge	7,768.13	234.02
34 11 93 00-0012	EA	Precast Concrete, Railroad Crossing, 21' Road 6" Thick, Standard Gauge	9,059.62	267.46
34 11 93 00-0013	EA	Precast Concrete, Railroad Crossing, 24' Road 6" Thick, Standard Gauge	10,350.23	312.03
34 11 93 00-0014		Molded Rubber Railroad Crossings With Headers *(34 11 93 00-0001)* Note: Based on 3' x 8'-6" sections.		
34 11 93 00-0015	EA	Molded Rubber Railroad Crossing, 12' Road 3' x 8'-6" Sections With Headers	3,435.20	156.02
34 11 93 00-0016	EA	Molded Rubber Railroad Crossing, 15' Road 3' x 8'-6" Sections With Headers	4,076.61	189.45
34 11 93 00-0017	EA	Molded Rubber Railroad Crossing, 18' Road 3' x 8'-6" Sections With Headers	4,712.51	234.02
34 11 93 00-0018	EA	Molded Rubber Railroad Crossing, 21' Road 3' x 8'-6" Sections With Headers	5,349.80	267.46
34 11 93 00-0019	EA	Molded Rubber Railroad Crossing, 24' Road 3' x 8'-6" Sections With Headers	5,986.22	312.03
34 11 93 00-0020		Railroad Trackage Demolition *(34 11 93)*		
34 11 93 00-0021	CY	Removal Of Railroad Track Ballast		9.55
34 11 93 00-0022	LF	Removal Of Railroad Track Rail And Spikes		23.87
34 11 93 00-0023	EA	Removal And Disposal Of Concrete Post Footings		141.73
34 11 93 00-0024	EA	Backfill Holes From Post Removal		59.08

34 40 Transportation Signaling and Control Equipment *(34)*

34 41 Roadway Signaling and Control Equipment *(34 40)*

34 41 13 Traffic Signals *(34 41)*

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0001		Traffic Signals *(34 41 13)*		
34 41 13 00-0002	EA	Single Traffic Signal Head, 4 Way Pattern	7,252.69	811.47
34 41 13 00-0003		Traffic Detector Induction Loop *(34 41 13)*		
34 41 13 00-0004	EA	6' x 6', Type A, 3 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	442.53	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0005	EA	6' x 6', Type D, 3 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	552.08	
34 41 13 00-0006	EA	6' x 6', Type D, 5 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 5 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	620.97	
34 41 13 00-0007	EA	6' x 6', Type Q, 3 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	541.58	
34 41 13 00-0008	EA	6' x 20', Type C, 3 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	939.78	
34 41 13 00-0009	EA	6' x 28', Type C, 2 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,157.83	
34 41 13 00-0010	EA	6' x 28', Type C, 3 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,229.04	
34 41 13 00-0011	EA	6' x 40', Type C, 1 Turn Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 1 turn wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,535.90	
34 41 13 00-0012	EA	6' x 40', Type C, 2 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,640.60	
34 41 13 00-0013	EA	6' x 50', Type C, 1 Turn Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 1 turn wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,770.53	
34 41 13 00-0014	EA	6' x 50', Type C, 2 Turns Per Loop, Traffic Detector Induction Loop Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,898.42	
34 41 13 00-0015	LF	In Pavement, Lead Wire For Traffic Signal Detector Note: Includes saw cutting, sealing and splicing into traffic signal loop wire in street. Excludes junction box or conduit.	8.11	
34 41 13 00-0016	LF	In Earthwork, Lead Wire For Traffic Signal Detector Note: Includes trenching in earthwork and splicing into traffic signal loop wire. Excludes junction box or conduit.	3.60	
34 41 13 00-0017	EA	2 Channel, Rack Mounted, Traffic Loop Vehicle Detector (Reno A&E Model 222)	268.53	
34 41 13 00-0018	EA	4 Channel, Rack Mounted, Traffic Loop Vehicle Detector (Reno A&E Model E-1100)	761.92	
34 41 13 00-0019	EA	2 Channel, Rack Mounted, Traffic Loop Bicycle Detector (Reno A&E Model C-1100)	472.42	
34 41 13 00-0020		**Overhead Traffic Signals** *(34 41 13)*		
34 41 13 00-0021	EA	Vehicle Signal Face, LED, 1 - 12" Section	565.06	172.43
34 41 13 00-0022	EA	Vehicle Signal Face, LED, 2 - 12" Sections	920.70	243.44
34 41 13 00-0023	EA	Vehicle Signal Face, LED, 3 - 12" Sections	1,292.68	297.53
34 41 13 00-0024	EA	Vehicle Signal Face, LED, 3 - 12" Sections, Middle Section Blank	1,227.28	297.53
34 41 13 00-0025	EA	Vehicle Signal Face, LED, 4 - 12" Sections	1,643.70	331.35
34 41 13 00-0026	EA	Vehicle Signal Face, LED, 5 - 12" Sections	1,967.68	351.63
34 41 13 00-0027	EA	Vehicle Signal Face, LED, 5 - 12" Sections, Cluster	2,094.12	351.63
34 41 13 00-0028	EA	Vehicle Signal Face, LED, 1 - 8" Section	532.36	172.43
34 41 13 00-0029	EA	Vehicle Signal Face, LED, 2 - 8" Sections	855.30	243.44
34 41 13 00-0030	EA	Vehicle Signal Face, LED, 3 - 8" Sections	1,133.54	297.53
34 41 13 00-0031	EA	Vehicle Signal Face, LED, 2 - 8" Sections, 1 - 12" Section	1,214.20	297.53
34 41 13 00-0032	EA	Vehicle Signal Face, LED, 2 - 8" Sections, 2 - 12" Sections	1,504.18	331.35
34 41 13 00-0033	EA	Vehicle Signal Face, LED, 3 - 8" Sections, 1 - 12" Section	1,458.40	331.35
34 41 13 00-0034	EA	Vehicle Signal Face, LED, 3 - 8" Sections, 2 - 12" Sections	1,727.88	351.63
34 41 13 00-0035	EA	Vehicle Signal Face, LED, 3 - 8" Sections, 2 - 12" Sections In Cluster	1,830.34	351.63
34 41 13 00-0036	EA	Vehicle Signal Face, LED, 3 - 12" Sections, Optically Programmed	2,644.28	297.53
34 41 13 00-0037	EA	Vehicle Signal Face, LED, 4 - 12" Sections, Optically Programmed	3,459.64	331.35
34 41 13 00-0038	EA	Vehicle Signal Face, LED, 5 - 12" Sections, Optically Programmed	4,518.28	351.63
34 41 13 00-0039	EA	Vehicle Signal Face, LED, 5 - 12" Sections In Cluster, Optically Programmed	4,899.78	351.63
34 41 13 00-0040	EA	Bracket Signal Mounting Assembly	545.17	135.24
34 41 13 00-0041	EA	Mast Arm Signal Mounting Assembly	963.90	270.49
34 41 13 00-0042	EA	Top Pole Signal Mounting Assembly	338.03	101.43
34 41 13 00-0043	EA	Pedestrian Signal Head	994.33	202.87
34 41 13 00-0044	EA	Pedestrian Signal Insert	614.89	101.43
34 41 13 00-0045	EA	Audible Pedestrian Signal	1,334.17	
34 41 13 00-0046	EA	Junction Box, Pole Or Post Mounted	544.18	
34 41 13 00-0047	EA	Pedestrian Push Button	492.20	
34 41 13 00-0048	EA	Illuminated Sign, Bracket Mounted, Symbolic	3,928.55	
34 41 13 00-0049	EA	Illuminated Sign, Mast Arm Mounted, Symbolic	4,101.63	
34 41 13 00-0050	EA	Sign, Message, "BLANK OUT", Bracket Mounted	4,323.24	
34 41 13 00-0051	EA	Sign, Message, "BLANK OUT", Mast Arm Mounted	4,597.52	
34 41 13 00-0052	EA	Sign, Fiber Optic, Bracket Mounted	4,921.85	
34 41 13 00-0053	EA	Sign, Fiber Optic, Mast Arm Mounted	5,201.88	
34 41 13 00-0054	EA	16' Pedestal With Base Plate And Cover	1,729.59	184.54
34 41 13 00-0055	EA	30' Type 15TS Signal And Lighting Standard Note: 8" diameter base and 3-7/8" diameter top. 0.1793" wall thickness.	7,395.12	
34 41 13 00-0056	EA	35' Type 21TS Signal And Lighting Standard Note: 9-3/8" diameter base and 3-9/16" diameter top. 0.1793" wall thickness.	8,599.20	
34 41 13 00-0057	EA	17' Type 18-2-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 8-7/16" diameter top. 0.1793" wall thickness.	4,146.72	
34 41 13 00-0058	EA	17' Type 18-3-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 8-7/16" diameter top. 0.2391" wall thickness.	4,611.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0059	EA	17' Type 18-4-100 Or 23-4-100 Signal And Lighting Standard Note: 12" diameter base and 9" diameter top. 0.2391" wall thickness.	4,789.82	
34 41 13 00-0060	EA	17' Type 23-3-100 Signal And Lighting Standard Note: 12" diameter base and 9-5/8" diameter top. 0.2391" wall thickness.	4,789.82	
34 41 13 00-0061	EA	17' Type 23-4-100 Signal And Lighting Standard Note: 12" diameter base and 9-5/8" diameter top. 0.2391" wall thickness.	4,883.38	
34 41 13 00-0062	EA	17' Type 27-3-100 Signal And Lighting Standard Note: 12-1/8" diameter base and 9-3/4" diameter top. 0.3125" wall thickness.	5,351.20	
34 41 13 00-0063	EA	17' Type 27-4-100 Signal And Lighting Standard Note: 13-1/2" diameter base and 9-3/4" diameter top. 0.3125" wall thickness.	5,458.78	
34 41 13 00-0064	EA	17' Type 28-5-100 Signal And Lighting Standard Note: 14" diameter base and 11-11/16" diameter top. 0.3125" wall thickness.	5,679.35	
34 41 13 00-0065	EA	17' Type 60-5-100 Signal And Lighting Standard Note: 16" diameter base and 13-11/16" diameter top. 0.3125" wall thickness.	6,026.76	
34 41 13 00-0066	EA	18'-6" Type 16-2-100 Or 16-3-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 8-1/4" diameter top. 0.1793" wall thickness.	4,420.20	
34 41 13 00-0067	EA	30' Type 17-2-100 Or 17-3-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 6-5/8" diameter top. 0.1793" wall thickness.	7,883.26	
34 41 13 00-0068	EA	30' Type 19-2-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 6-5/8" diameter top. 0.2391" wall thickness.	8,859.54	
34 41 13 00-0069	EA	30' Type 19-3-100 Or 24-3-100 Signal And Lighting Standard Note: 12" diameter base and 7-7/8" diameter top. 0.2391" wall thickness.	9,233.78	
34 41 13 00-0070	EA	30' Type 19-4-100 Or 24-4-100 Signal And Lighting Standard Note: 12" diameter base and 8" diameter top. 0.2391" wall thickness.	9,233.78	
34 41 13 00-0071	EA	30' Type 26-3-100 Signal And Lighting Standard Note: 12-1/8" diameter base and 8" diameter top. 0.3125" wall thickness.	10,412.63	
34 41 13 00-0072	EA	30' Type 26-4-100 Signal And Lighting Standard Note: 13-1/2" diameter base and 8" diameter top. 0.3125" wall thickness.	10,864.54	
34 41 13 00-0073	EA	30' Type 29-5-100 Signal And Lighting Standard Note: 14" diameter base and 9-7/8" diameter top. 0.3125" wall thickness.	11,339.01	
34 41 13 00-0074	EA	30' Type 61-5-100 Signal And Lighting Standard Note: 16" diameter base and 11-7/8" diameter top. 0.3125" wall thickness.	12,086.34	
34 41 13 00-0075	EA	35' Type 17A-2-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 5-15/16" diameter top. 0.1793" wall thickness.	9,164.41	
34 41 13 00-0076	EA	35' Type 19A-2-100 Signal And Lighting Standard Note: 10-3/4" diameter base and 5-15/16" diameter top. 0.2391" wall thickness.	10,303.41	
34 41 13 00-0077	EA	35' Type 19A-3-100 Or 24A-3-100 Signal And Lighting Standard Note: 12" diameter base and 7-3/16" diameter top. 0.2391" wall thickness.	10,740.04	
34 41 13 00-0078	EA	35' Type 19A-4-100 Or 24A-4-100 Signal And Lighting Standard Note: 12" diameter base and 7-5/16" diameter top. 0.2391" wall thickness.	10,740.04	
34 41 13 00-0079	EA	35' Type 26A-3-100 Signal And Lighting Standard Note: 12-1/8" diameter base and 7-5/16" diameter top. 0.3125" wall thickness.	12,115.35	
34 41 13 00-0080	EA	35' Type 26A-4-100 Signal And Lighting Standard Note: 13-1/2" diameter base and 7-5/16" diameter top. 0.3125" wall thickness.	12,642.57	
34 41 13 00-0081	EA	35' Type 29A-5-100 Signal And Lighting Standard Note: 14" diameter base and 9-3/16" diameter top. 0.3125" wall thickness.	13,196.14	
34 41 13 00-0082	EA	35' Type 61A-5-100 Signal And Lighting Standard Note: 16" diameter base and 11" diameter top. 0.3125" wall thickness.	14,068.00	
34 41 13 00-0083	EA	15' Steel Straight Mast Arm, MONOTUBE	3,019.09	
34 41 13 00-0084	EA	20' Steel Straight Mast Arm, MONOTUBE	3,170.15	
34 41 13 00-0085	EA	25' Steel Straight Mast Arm, MONOTUBE	3,394.83	
34 41 13 00-0086	EA	30' Steel Straight Mast Arm, MONOTUBE	4,588.39	
34 41 13 00-0087	EA	35' Steel Straight Mast Arm, MONOTUBE	5,527.07	
34 41 13 00-0088	EA	40' Steel Straight Mast Arm, MONOTUBE	5,934.48	
34 41 13 00-0089	EA	45' Steel Straight Mast Arm, MONOTUBE	6,524.43	
34 41 13 00-0090	EA	50' Steel Straight Mast Arm, MONOTUBE	7,406.17	
		For Curved Mast Arm, Add	*806.59*	
34 41 13 00-0091	EA	55' Steel Straight Mast Arm, MONOTUBE	8,431.37	
		For Curved Mast Arm, Add	*899.57*	
34 41 13 00-0092	EA	60' Steel Straight Mast Arm, MONOTUBE	9,100.74	
		For Curved Mast Arm, Add	*939.09*	
34 41 13 00-0093	EA	65' Steel Straight Mast Arm, MONOTUBE	10,560.23	
		For Curved Mast Arm, Add	*1,097.15*	
34 41 13 00-0094	EA	70' Steel Straight Mast Arm, MONOTUBE	13,987.81	
		For Curved Mast Arm, Add	*1,327.28*	
34 41 13 00-0095	EA	4' Steel Curved Luminaire Mast Arm	1,032.64	
34 41 13 00-0096	EA	6' Steel Curved Luminaire Mast Arm	1,342.85	
		For High Rise Arm, Add	*116.22*	
34 41 13 00-0097	EA	8' Steel Curved Luminaire Mast Arm	1,680.12	
34 41 13 00-0098	EA	10' Steel Curved Luminaire Mast Arm	2,300.05	
		For High Rise Arm, Add	*171.08*	
34 41 13 00-0099	EA	12' Steel Curved Luminaire Mast Arm	2,542.02	
		For High Rise Arm, Add	*201.77*	
34 41 13 00-0100	EA	15' Steel Curved Luminaire Mast Arm	2,659.57	
		For High Rise Arm, Add	*225.01*	
34 41 13 00-0101	EA	15' Tubular Aluminum Post	1,090.75	
34 41 13 00-0102	EA	17' Tubular Aluminum Post	1,161.48	
34 41 13 00-0103	EA	20' Tubular Aluminum Post	1,291.18	
34 41 13 00-0104	EA	14' High Galvanized Steel Traffic Signal Pole Note: For mast arm.	3,681.82	
34 41 13 00-0105	EA	21' High Galvanized Steel Traffic Signal Pole Note: For mast arm.	5,603.39	
34 41 13 00-0106	EA	22' High Galvanized Steel Traffic Signal Pole Note: For mast arm and luminare arm.	5,820.34	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0107	EA	30' High Galvanized Steel Traffic Signal Pole, Tapered, For >55' Mast Arm Note: For mast arm and luminare arm.	7,878.28	
34 41 13 00-0108	EA	32' High Galvanized Steel Traffic Signal Pole, Tapered, For Up To 55' Mast Arm Note: For mast arm and luminare arm.	8,330.78	
34 41 13 00-0109	EA	30' High Galvanized Steel Traffic Signal Pole, Tapered, For Up To 55' Mast Arm	6,519.39	
34 41 13 00-0110	EA	30' High Galvanized Steel Traffic Signal Pole, Octaflute	5,812.97	
34 41 13 00-0111	EA	30' (High Spun Aluminum Traffic Signal Pole, Tapered	4,744.48	
34 41 13 00-0112	EA	CUT-OFF POLE AND CAPPED	187.94	
34 41 13 00-0113	EA	PAINT EXISTING SL/TS CONTROLLER COMPLETE	56.33	
34 41 13 00-0114	EA	PAINT EXISTING TS POST COMPLETE	266.38	
34 41 13 00-0115	EA	1 Channel Loop Detector Amplifier	1,662.01	
34 41 13 00-0116	EA	4 Channel Loop Detector Amplifier	3,142.02	
34 41 13 00-0117	EA	FLASHING BEACON WITH DOWNLIGHT	2,343.98	
34 41 13 00-0118	EA	Flashing Beacon, Bracket Mounted	795.29	
34 41 13 00-0119	EA	Flashing Beacon, Mast Arm Mounted	795.29	
34 41 13 00-0120	EA	Flashing Beacon, Solar Powered, Bracket Mounted	20,889.05	
34 41 13 00-0121	EA	Wireless Access Point (Proxim Tsunami MP11 954-BSUR-US)	3,977.18	
34 41 13 00-0122	EA	Ruggedized Subscriber Unit (Proxim Tsunami MP11 954-SUA-US)	2,137.10	
34 41 13 00-0123	EA	Smart Sensor HD (Wavetronix HD125)	11,362.93	
34 41 13 00-0124	EA	Access Point (Sensys AP240-ES) Note: RJ45 port supports simultaneous Ethernet and CC card communications (split via Access Box) combined with data relay, statistics-processing and VPN functionality.	5,255.72	
34 41 13 00-0125	EA	Sensys Access Point AP240-ESC-VER - RJ45 port supports simultaneous Ethernet and CC card communications (split via Access Box) combined with data relay, statistics-processing and VPN functionality with Integrated 1xRTT cellular data modem for data relay via CDMA	9,090.81	
34 41 13 00-0126	EA	Mounting Kit for Access Points and Repeaters (KIT-MTG)	323.58	
34 41 13 00-0127	EA	Repeater (Sensys RP240-B-LL) Note: Nominal battery capacity of 171 Ah with seven (7) year battery-life.	2,408.00	
34 41 13 00-0128	EA	Wireless Flush Mounted Sensor (Sensys VSN240-F) Note: Excludes coring.	1,079.29	
34 41 13 00-0129	EA	Sensor Mounting Bracket, Cable, Lightning Surge Protector, Power Supply, Breaker, AC Surge Protector, Din Rail and Power Plug	2,698.38	
34 41 13 00-0130	EA	Pole Base Foundation for 17-2-80, 17-2-100, 19-2-80 Poles	7,125.69	1.76
34 41 13 00-0131	EA	Pole Base Foundation for 17-3-80, 19-3-80, 26-3-80 & 26-4-80 Poles	9,320.91	1.76
34 41 13 00-0132	EA	Pole Base Foundation for Type 15 and 21 Poles	5,564.20	1.76
34 41 13 00-0133	EA	Pole Base Foundation for 18-4-100, 19-4-100, 23-4-100, And 24-4-100 Poles	7,125.69	1.76
34 41 13 00-0134	EA	Pole Base Foundation for 26-4-100 And 27-4-100 Poles	9,320.91	1.76
34 41 13 00-0135	EA	LED Enhanced Pedestrian Crossing Symbol Sign Note: 2 required per system.	1,904.47	110.50
34 41 13 00-0136	EA	42" Height, 8-1/2" Diameter Automatic Bollard Activation System Note: 4 required per system.	5,488.13	663.03
34 41 13 00-0137	EA	Power Control Unit With Enclosure (Solar) Note: LightGuard Systems solar power equipment Includes: one solar array consisting of 1 Siemens SP70 solar power module (21" x 47" to be pole mounted, pole not included), #14 AWG solar tray cable, mounting hardware, one enclosure (16-1/2" width x 27-1/2" height x 15" depth), two 12V 80AH deep cycle gel cell batteries and a solar power control unit (PCU).	19,333.29	442.01
34 41 13 00-0138	EA	Power Control Unit With Enclosure (A/C)	12,396.83	442.01
34 41 13 00-0139	EA	Push Button Assembly With Sign	1,089.61	221.01
34 41 13 00-0140	EA	Advanced Warning Signs	2,154.54	221.01
34 41 13 00-0141	EA	Traffic Signal Controller Unit, TS 2 Type 1 (ASC/3-1000)	6,200.94	
34 41 13 00-0142	EA	Traffic Signal Controller Unit, TS 2 Type 2 (ASC/3-2100)	6,386.24	
34 41 13 00-0143	EA	Traffic Signal Controller Unit, TS 2 Type 2 Econolite Model ASC/2S-2100	56,994.94	
34 41 13 00-0144	EA	Optical Detector For Mast Arm Mounting, 1 Channel, 1 Way	1,158.56	
34 41 13 00-0145	EA	Optical Detector For Mast Arm Mounting, 1 Channel, 2 Way	1,267.56	
34 41 13 00-0146	EA	Optical Detector For Mast Arm Mounting, 2 Channel	1,625.08	
34 41 13 00-0147	EA	2 Channel Phase Selector	3,711.97	
34 41 13 00-0148	EA	4 Channel Phase Selector	5,772.07	
34 41 13 00-0149	EA	Malfunction Management Unit For Use With NEMA Controller	1,864.96	
34 41 13 00-0150	EA	Optical Detector For Pole-Side Mounting, 1 Channel, 1 Way	1,158.56	241.91
34 41 13 00-0151	EA	Optical Detector For Pole-Side Mounting, 1 Channel, 2 Way	1,267.56	241.91
34 41 13 00-0152	EA	Optical Detector For Pole-Side Mounting, 2 Channel	1,625.08	241.91
34 41 13 00-0153	EA	Optical Detector For Pedestal Or Pipe Mounting, 1 Channel, 1 Way	1,158.56	241.91
34 41 13 00-0154	EA	Optical Detector For Pedestal Or Pipe Mounting, 1 Channel, 2 Way	1,267.56	241.91
34 41 13 00-0155	EA	Optical Detector For Pedestal Or Pipe Mounting, 2 Channel	1,625.08	241.91
34 41 13 00-0156	EA	Optical Detector For Span Wire Mounting, 1 Channel, 1 Way	1,158.56	241.91
34 41 13 00-0157	EA	Optical Detector For Span Wire Mounting, 1 Channel, 2 Way	1,267.56	241.91
34 41 13 00-0158	EA	Optical Detector For Span Wire Mounting, 2 Channel	1,625.08	241.91
34 41 13 00-0159	EA	Optical Detector For Signal Top Mounting, 1 Channel, 1 Way	1,158.56	241.91
34 41 13 00-0160	EA	Optical Detector For Signal Top Mounting, 1 Channel, 2 Way	1,267.56	241.91
34 41 13 00-0161	EA	Optical Detector For Signal Top Mounting, 2 Channel	1,625.08	241.91
34 41 13 00-0162	EA	Time Switch, 1-Circuit	262.43	
34 41 13 00-0163	EA	Digital Loop-Type Vehicle Detector Card, 2-Channel, Normal	374.68	
34 41 13 00-0164	EA	Digital Loop-Type Vehicle Detector Card, 2-Channel, Stretch/Delay	490.22	
34 41 13 00-0165	EA	Digital Loop-Type Vehicle Detector Card, 4-Channel, Normal	697.32	
34 41 13 00-0166	EA	Digital Loop-Type Vehicle Detector Card, 4-Channel, Stretch/Delay	876.08	
34 41 13 00-0167	EA	Digital Loop-Type Vehicle Detector Card Rack With Power Supply	2,380.28	
34 41 13 00-0168	EA	Digital Loop-Type Vehicle Detector Card Rack With Power Supply For Remote Detector Cabinet	2,380.28	
34 41 13 00-0169	EA	Power Line Surge Protector - Edco SHP 300-10	219.55	
34 41 13 00-0170	EA	Loop Detector Surge Protector - Edco SRA-6LC	111.55	
34 41 13 00-0171	EA	Controller Cabinet (Econolite Type "O")	32,711.90	
34 41 13 00-0172	EA	Controller Cabinet With 1 Detector Rack And 1 Load Switch Bay	14,232.04	
34 41 13 00-0173	EA	Controller Cabinet With 1 Detector Rack And 2 Load Switch Bays	15,474.64	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0174	EA	Controller Cabinet With 2 Detector Racks And 1 Load Switch Bay	16,967.94	
34 41 13 00-0175	EA	Controller Cabinet With 2 Detector Racks And 2 Load Switch Bays	17,425.74	
34 41 13 00-0176	EA	Speed Limit Beacon Control Cabinet	7,072.94	
34 41 13 00-0177	EA	Remote Detector Cabinet	3,693.94	
34 41 13 00-0178	EA	Traffic Signal Hand Control	1,033.49	
34 41 13 00-0179	EA	Extra Pedestrian Detector Isolation Assembly	815.49	
34 41 13 00-0180	EA	Fiber Optic Transceivers-Repeater Module	1,027.49	
34 41 13 00-0181	EA	Field Transceiver-Repeater	475.77	
34 41 13 00-0182	EA	Load Switch	103.16	
34 41 13 00-0183	EA	30" Pedestal With Base Plate And Cover	901.73	
34 41 13 00-0184	EA	8' Pedestal With Base Plate And Cover	1,325.06	
34 41 13 00-0185	EA	11' Pedestal With Base Plate And Cover	1,474.66	
34 41 13 00-0186	EA	15' Pedestal With Base Plate And Cover	1,638.76	
34 41 13 00-0187	LF	6-Fiber Interconnect Cable, Fiber Optic, Single Mode	1.42	
34 41 13 00-0188	LF	12-Fiber Interconnect Cable, Fiber Optic, Single Mode	1.53	
34 41 13 00-0189	LF	24-Fiber Interconnect Cable, Fiber Optic, Single Mode	1.75	
34 41 13 00-0190	LF	36-Fiber Interconnect Cable, Fiber Optic, Single Mode	1.98	
34 41 13 00-0191	LF	48-Fiber Interconnect Cable, Fiber Optic, Single Mode	2.21	
34 41 13 00-0192	LF	72-Fiber Interconnect Cable, Fiber Optic, Single Mode	2.57	
34 41 13 00-0193	LF	96-Fiber Interconnect Cable, Fiber Optic, Single Mode	2.92	
34 41 13 00-0194	LF	144-Fiber Interconnect Cable, Fiber Optic, Single Mode	3.56	
34 41 13 00-0195	LF	3/16" Diameter Messenger Cable	0.70	0.10
34 41 13 00-0196	LF	1/4" Diameter Messenger Cable	0.84	0.10
34 41 13 00-0197	LF	3/8" Diameter Messenger Cable	1.57	0.10
34 41 13 00-0198	LF	1/2" Diameter Messenger Cable	3.26	0.21
34 41 13 00-0199	EA	4' Diameter x 10' Concrete Base For Poles Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.	2,665.52	
34 41 13 00-0200	EA	4' Diameter x 16' Concrete Base For Poles Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.	4,231.52	
34 41 13 00-0201	EA	Internally Illuminated Street Name Sign, 1 Line, 4'	2,808.18	270.49
34 41 13 00-0202	EA	Internally Illuminated Street Name Sign, 1 Line, 6'	3,466.62	338.12
34 41 13 00-0203	EA	Internally Illuminated Street Name Sign, 1 Line, 8'	3,776.27	405.73
34 41 13 00-0204	EA	Internally Illuminated Street Name Sign, 1 Line, 10'	4,260.31	473.36
34 41 13 00-0205	EA	Internally Illuminated Street Name Sign, 1 Line, 12'	4,569.96	540.98
34 41 13 00-0206	EA	Internally Illuminated Street Name Sign, 2 Line, 4'	4,456.26	270.49
34 41 13 00-0207	EA	Internally Illuminated Street Name Sign, 2 Line, 6'	5,489.66	338.12
34 41 13 00-0208	EA	Internally Illuminated Street Name Sign, 2 Line, 8'	5,921.39	405.73
34 41 13 00-0209	EA	Internally Illuminated Street Name Sign, 2 Line, 10'	6,614.71	473.36
34 41 13 00-0210	EA	Internally Illuminated Street Name Sign, 2 Line, 12'	7,098.76	540.98
34 41 13 00-0211	EA	Photoelectric Controller, Multi-Volt	95.60	31.45
34 41 13 00-0212	EA	Photoelectric Controller, 120 Volt	98.91	31.45
34 41 13 00-0213	EA	Photoelectric Controller, 480 Volt	98.91	31.45
34 41 13 00-0214	EA	Wi-Fi Communication Unit	1,467.31	135.24
34 41 13 00-0215	EA	Wi-Fi Communication Unit Mounting Bracket	311.87	101.43
34 41 13 00-0216	EA	Wi-Fi Communication Unit Power Supply / POE Injector	285.66	67.63
34 41 13 00-0217	EA	Wi-Fi Communication Unit Packet	2,064.85	202.87
34 41 13 00-0218	LF	Preemptor Detector Cable	2.06	
34 41 13 00-0219	EA	Sno-Shoe Cable Storage Assembly	265.15	

34 41 13 00-0220 Traffic Signal Cable *(34 41 13)*

34 41 13 00-0221	LF	16 AWG, 2-Conductor, Solid, Traffic Signal Cable	2.07	0.94
34 41 13 00-0222	LF	16 AWG, 3-Conductor, Solid, Traffic Signal Cable	2.28	1.01
34 41 13 00-0223	LF	16 AWG, 4-Conductor, Solid, Traffic Signal Cable	2.50	1.07
34 41 13 00-0224	LF	16 AWG, 5-Conductor, Solid, Traffic Signal Cable	2.69	1.14
34 41 13 00-0225	LF	16 AWG, 6-Conductor, Solid, Traffic Signal Cable	2.92	1.21
34 41 13 00-0226	LF	16 AWG, 8-Conductor, Solid, Traffic Signal Cable	3.35	1.34
34 41 13 00-0227	LF	16 AWG, 10-Conductor, Solid, Traffic Signal Cable	3.92	1.55
34 41 13 00-0228	LF	16 AWG, 12-Conductor, Solid, Traffic Signal Cable	4.49	1.74
34 41 13 00-0229	LF	16 AWG, 16-Conductor, Solid, Traffic Signal Cable	5.23	1.95
34 41 13 00-0230	LF	16 AWG, 20-Conductor, Solid, Traffic Signal Cable	6.07	2.15
34 41 13 00-0231	LF	14 AWG, 2-Conductor, Solid, Traffic Signal Cable	2.11	0.94
34 41 13 00-0232	LF	14 AWG, 3-Conductor, Solid, Traffic Signal Cable	2.35	1.01
34 41 13 00-0233	LF	14 AWG, 4-Conductor, Solid, Traffic Signal Cable	2.58	1.07
34 41 13 00-0234	LF	14 AWG, 5-Conductor, Solid, Traffic Signal Cable	2.80	1.14
34 41 13 00-0235	LF	14 AWG, 6-Conductor, Solid, Traffic Signal Cable	3.05	1.21
34 41 13 00-0236	LF	14 AWG, 8-Conductor, Solid, Traffic Signal Cable	3.52	1.34
34 41 13 00-0237	LF	14 AWG, 10-Conductor, Solid, Traffic Signal Cable	4.13	1.55
34 41 13 00-0238	LF	14 AWG, 12-Conductor, Solid, Traffic Signal Cable	4.74	1.74
34 41 13 00-0239	LF	14 AWG, 16-Conductor, Solid, Traffic Signal Cable	5.56	1.95
34 41 13 00-0240	LF	14 AWG, 20-Conductor, Solid, Traffic Signal Cable	6.51	2.15
34 41 13 00-0241	LF	12 AWG, 2-Conductor, Solid, Traffic Signal Cable	2.22	0.94
34 41 13 00-0242	LF	12 AWG, 3-Conductor, Solid, Traffic Signal Cable	2.51	1.01
34 41 13 00-0243	LF	12 AWG, 4-Conductor, Solid, Traffic Signal Cable	2.79	1.07
34 41 13 00-0244	LF	12 AWG, 5-Conductor, Solid, Traffic Signal Cable	3.04	1.14
34 41 13 00-0245	LF	12 AWG, 6-Conductor, Solid, Traffic Signal Cable	3.36	1.21
34 41 13 00-0246	LF	12 AWG, 8-Conductor, Solid, Traffic Signal Cable	3.93	1.34
34 41 13 00-0247	LF	12 AWG, 10-Conductor, Solid, Traffic Signal Cable	4.63	1.55
34 41 13 00-0248	LF	12 AWG, 12-Conductor, Solid, Traffic Signal Cable	5.34	1.74
34 41 13 00-0249	LF	12 AWG, 16-Conductor, Solid, Traffic Signal Cable	6.35	1.95
34 41 13 00-0250	LF	12 AWG, 20-Conductor, Solid, Traffic Signal Cable	7.57	2.15

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0251		**School Zone Flasher Beacons** *(34 41 13)*		
34 41 13 00-0252	EA	One 8" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 30 Watt tilted solar panel, solar regulator, and solid state flasher.	5,793.51	203.04
34 41 13 00-0253	EA	One 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 30 Watt tilted solar panel, solar regulator, and solid state flasher.	5,834.92	203.04
34 41 13 00-0254	EA	Two 8" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.	6,538.02	203.04
34 41 13 00-0255	EA	Two 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.	6,670.54	203.04
34 41 13 00-0256	EA	10" Digit Radar Display, One 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 80 Watt tilted solar panel, solar regulator, and solid state flasher.	12,267.53	203.04
34 41 13 00-0257	EA	10" Digit Radar Display, Two 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.	12,786.88	203.04
34 41 13 00-0258		**Traffic Light Control Synchronization** *(34 41 13)*		
34 41 13 00-0259	EA	ENCOM COMPAK IP Radio/Wireless Ethernet Transceiver, 900 MHz FHSS 1 Watt output power and 128-bit data encryption with 1.1Mbps Throughput	5,032.02	
34 41 13 00-0260	EA	ENCOM 5200R 900 MHz Serial Radio Modem, contains one Serial (RS-232 or RS-485) interface and 170/TS1/TS2 detector rack (EPR-5200R)	3,751.73	
34 41 13 00-0261	EA	ENCOM Dual 2.4/2.4 GHZ Broadband Radio with Integrated Antenna (COMMPAKBB24/24)	8,581.59	
34 41 13 00-0262	EA	5.8 GHZ Broadband Radio with Integrated Antenna (COMMPAKBB58INT)	5,869.91	
34 41 13 00-0263	EA	2.4 GHZ Broadband Radio with Integrated Antenna (COMMPAKBB24INT)	5,869.91	
34 41 13 00-0264	EA	Solar Cabinet Assembly	15,810.58	
34 41 13 00-0265	EA	Data Controller Interface Cable Assembly	623.47	
34 41 13 00-0266	EA	900 MHZ Splitter	741.92	
34 41 13 00-0267	EA	900 MHz Surge Suppressor	267.70	
34 41 13 00-0268	EA	Surge-Radio Lead in Cable	168.46	
34 41 13 00-0269	EA	12DB GAIN YAGI Antenna	754.15	
34 41 13 00-0270	EA	PELCO Antenna Mounting Bracket	501.49	
34 41 13 00-0271	MLF	Coaxial Cable, LMR-400	4,080.50	
34 41 13 00-0272	EA	Perle 16 Port Serial Server	4,227.61	
34 41 13 00-0273	EA	Serial to Ethernet Card	2,259.74	
34 41 13 00-0274	EA	404 Stand Alone Modem (GDI 404)	2,061.00	
34 41 13 00-0275		**Traffic Signal Controls** *(34 41 13)*		
34 41 13 00-0276	EA	Master Card for Type 2070 or NEMA TS2 traffic controllers (CC-TS2)	1,781.18	
34 41 13 00-0277	EA	Extension Card for Type 2070 or NEMA traffic controllers (EX-TS2)	745.57	
34 41 13 00-0278	EA	AccessBox for contract closure master card (CC-ACC)	262.69	
34 41 13 00-0279	EA	Flush Mount Wireless Sensor (ATT VSN240-F)	1,011.41	
34 41 13 00-0280	EA	Flush Mount Wireless Sensor (Speed & Count VSN240-F)	1,011.41	
34 41 13 00-0281	EA	Epoxy Tube for Installation of Wireless Sensor (VSN240-EPX)	155.84	
34 41 13 00-0282	EA	SNAPS License for each enabled AP (SNAPS-PER-AP)	429.13	
34 41 13 00-0283		**Traffic Signal Devices** *(34 41 13)*		
34 41 13 00-0284	EA	12" Polycarbonate Signal Head Housing (McCain)	945.07	99.45
34 41 13 00-0285	EA	16" Polycarbonate Pedestrian Signal Housing (McCain)	481.14	77.36
34 41 13 00-0286	EA	Pedestrian Push Button Cap & Switch (McCain M31334)	361.93	143.66
34 41 13 00-0287	EA	Pedestrian Push Button Frame Assembly 4" Diameter Pole (McCain M19712)	494.54	209.95
34 41 13 00-0288	EA	Pedestrian Push Button Frame Assembly 2" Diameter Pole (McCain M30793)	380.01	165.75
34 41 13 00-0289	EA	16 Channel Conflict Monitor (McCain 2010 ECLip)	1,421.46	71.82
34 41 13 00-0290	EA	LED Countdown Head (McCain GTX PS7-CFF1-VLA)	292.16	27.63
34 41 13 00-0291	EA	Traffic signal Video Detection Camera (Iteris RZ4-awdr)	3,218.42	121.56
34 41 13 00-0292	EA	Camera processor card (Iteris Edge Connect)	7,348.86	176.81
34 41 13 00-0293	EA	Wireless Broadband Radio (Encom BB58)	6,939.69	165.75
34 41 13 00-0294	EA	24-port Gigabit and 4-port 1G/10G SFP+ Ethernet Switch (Etherwan EX77900)	4,583.61	132.61
34 41 13 00-0295	EA	Power Adapter (Mean Well DR-120-48)	160.50	41.44
34 41 13 00-0296	LF	14/1 Cal Trans Type 2 Inductive Traffic Detection Loops (Advanced Digital Cable 8452)	0.94	
34 41 13 00-0297	EA	Radar Detection System (Wavetronix Matrix)	13,295.32	419.92
34 41 13 00-0298	EA	Pedestrian Audio Push Button (Polara APS)	396.08	104.98
34 41 13 00-0299	EA	Opticom Infrared System - Detector (GTT 711)	1,029.11	98.57
34 41 13 00-0300	EA	Opticom Infrared System - Detector (GTT 721)	1,151.39	110.28
34 41 13 00-0301	EA	Opticom Infrared System - Detector (GTT 722)	1,603.65	153.60
34 41 13 00-0302	EA	Opticom Multimode Phase Selector (GTT 764)	5,313.45	90.86
34 41 13 00-0303	LF	Opticom GPS Installation Cable (GTT 1070)	1.12	
34 41 13 00-0304	EA	Precast Concrete Traffic Pull Box, 5-T, with steel frame & diamond steel plate lid ("Traffic Signal") (Jensen Precast HT1324)	886.58	
34 41 13 00-0305	EA	Precast Concrete Traffic Pull Box, 6-T, with steel frame & diamond steel plate lid ("Traffic Signal") (Jensen Precast HT1730)	940.36	
34 41 13 00-0306	EA	UPS Module (Alpha Technologies FXM 350) Note: For battery backup in traffic signal control cabinet	1,441.55	60.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0307	EA	Web Connected Relay Switch (Control by Web X-301 WebRelay-Dual) Note: To control flashing "School" signs	453.78	49.73
34 41 13 00-0308	LF	Fiber optic cable, 72 strand, single mode, riser non-plenum jacket (Optical Cable Corp DX072DSLX9KR)	10.17	0.51
34 41 13 00-0309	LF	Fiber optic cable, 12 strand, multi mode, riser non-plenum jacket (Superior Essex W30126G01 MM Fiber)	2.45	0.43
34 41 13 00-0310	EA	12" LED Signal Module, Tinted Lens, Red (GE DR6-RTFB-VLA)	135.11	49.73
34 41 13 00-0311	EA	12" LED Signal Module, Tinted Lens, Yellow (GE DR6-YTFB-VLA)	135.11	49.73
34 41 13 00-0312	EA	12" LED Signal Module, Tinted Lens, Green (GE DR6-GTFB-VLA)	135.11	49.73
34 41 13 00-0313	EA	12" LED Signal Module, Clear Lens, Red (GE DR6-RCFB-VLA)	135.11	49.73
34 41 13 00-0314	EA	12" LED Signal Module, Clear Lens, Yellow (GE DR6-YCFB-VLA)	135.11	49.73
34 41 13 00-0315	EA	12" LED Signal Module, Clear Lens, Green (GE DR6-GCFB-VLA)	135.11	49.73
34 41 13 00-0316	EA	LED Countdown Pedestrian Signal, 16" x 18" (GE PS7-CFF1-VLA)	398.71	127.08
34 41 13 00-0317	EA	EOC Switch (Actellis ML688)	5,272.70	393.10
34 41 13 00-0318	EA	Ethernet Extender Kit (ENABLE-IT 860 Pro)	1,420.39	90.71
34 41 13 00-0319	EA	#5 pull box lid (Concrete, Bolt down) (Christy N30T)	108.09	20.89
34 41 13 00-0320	EA	#5 pull box lid (Steel, Bolt down) (Christy N30-61J)	399.75	30.24
34 41 13 00-0321	EA	#6 pull box lid (Concrete, Bolt down) (Christy N36T)	135.91	20.89
34 41 13 00-0322	EA	#6 pull box lid (Steel, Bolt down) (Christy N36-61J)	485.84	30.24
34 41 13 00-0323	EA	Battery Back-up (Alpha FXM110 UPS)	3,415.21	120.96
34 41 13 00-0324	EA	Battery (Alpha AlphaCell 220GXL)	483.57	30.24
34 41 13 00-0325	EA	BBS Cabinet (Alpha SE48-1616)	3,929.13	272.14
34 41 13 00-0326	LF	Fiber 72 Strands (Corning 072ZU4-T3F22D20)	6.00	2.36
34 41 13 00-0327	LF	Fiber 12 Strands (Corning 012ZU4-T3F22D20)	2.64	1.09
34 41 13 00-0328	EA	FDU & Splice Cassette with LC connector type (Corning CCH-01U, CCH-CS12-B3-P00RE)	1,220.74	90.71
34 41 13 00-0329	EA	12" THREE SECTION HOUSING (McCain M22435)	840.24	60.47
34 41 13 00-0330	EA	12" FOUR SECTION HOUSING (McCain M30883)	1,080.53	90.71
34 41 13 00-0331	EA	12" FIVE SECTION HOUSING (McCain M31769)	1,260.35	90.71
34 41 13 00-0332	EA	12" CLUSTER, WITHOUT MAS (McCain M30987)	1,350.26	90.71
34 41 13 00-0333	EA	CMU DATAKEY PROGRAMMER, EDI MONITORKEY-USB (McCain M84650)	840.24	60.47
34 41 13 00-0334	EA	NAVIGATOR iN2 APS 2 WIRE PPB #iN250N0-B (Polara iN250N0-B)	840.24	60.47
34 41 13 00-0335	EA	NAVIGATOR iN2 CONTROLLER RACK MOUNT iCCU-C (Polara iCCU-C)	4,918.84	211.67
34 41 13 00-0336	EA	NAVIGATOR iN2 INTERCONNECT BOARD iN2-ICB-C (Polara iN2-ICB-C)	240.29	30.24
34 41 13 00-0337	EA	NAVIGATOR iN2 POWER SUPPLY iN2-150-WPS-C (Polara iN2-150-WPS-C)	240.29	30.24
34 41 13 00-0338	EA	NAVIGATOR iN2 CONNECTOR iN2-C4CABLE-C (Polara iN2-c4cable-C)	540.26	45.36
34 41 13 00-0339	EA	12" Visor (McCain M19302)	42.17	12.10
34 41 13 00-0340	EA	LS,2202-HV (iPack), HDSP/FLASHER UNIT,ATC (McCain M36256)	450.35	45.36
34 41 13 00-0341	EA	SIU,2218 SERIAL INTERFACE UNIT,ATC (McCain M36258)	750.33	60.47
34 41 13 00-0342	EA	CMU,2212-HV (ip),32 CH W/ ETHERNET PORT, ATC (McCain M36259)	1,395.21	90.71
34 41 13 00-0343	EA	ATCC-HV, INPUT ASSEMBLY, 24 CH W/ CONN IDC26 (McCain M54487)	750.33	60.47
34 41 13 00-0344	EA	HARN, SB1/SB2,COMM EXTENSION (McCain M48062)	150.38	30.24
34 41 13 00-0345	EA	ATCC-HV/LV, FITA ASSEMBLY, 24CH (McCain M54489)	450.35	45.36
34 41 13 00-0346	EA	CMU DATAKEY PROGRAMMER, EDI MONITORKEY-USB (McCain M84650)	840.24	60.47
34 41 13 00-0347	EA	242L ISOLATOR, EDI (McCain M56812)	150.38	30.24
34 41 13 00-0348	EA	EDI 222 DETECTOR (McCain M11407)	195.33	30.24
34 41 13 00-0349	EA	ALPHA BBS, INVERTER & BYPASS SWITCH (McCain M59763)	3,359.32	151.19
34 41 13 00-0350	EA	GENERATOR SWITCH AND PLUG ASS'Y FOR ALPHA BBS (McCain M68752-2)	552.53	60.47
34 41 13 00-0351	EA	BBS BATTERY, ALPHACELL 165GXL (McCain M59884)	750.33	60.47
34 41 13 00-0352	EA	Battery Backup Cabinet Anondize 44x26x12 (McCain M64438A)	1,575.03	90.71

34 41 16 Traffic Control Equipment *(34 41)*

34 41 16 00-0001 Transportation Control Equipment *(34 41 16)*

34 41 16 00-0002	EA	CONTROLLER/SL/POLE MTD/1-PHASE/100A	10,314.05	934.81
34 41 16 00-0003	EA	CONTROLLER/SL/ON EMB POLE 1-PH/100A	10,421.75	988.64
34 41 16 00-0004	EA	CONTROLLER, SL, 3-PHASE, 100A, BASE MTD	12,730.44	1,000.28
34 41 16 00-0005	EA	CONTROLLER, SL, 3-PHASE, 200A, BASE MTD	15,129.90	1,214.50
34 41 16 00-0006	EA	CONTROLLER/SL/BASE MTD/1-PHASE/100A	12,495.22	599.13
34 41 16 00-0007	EA	CONTROLLER/SL/BASE MTD/1-PHASE/200A	13,854.74	655.94
34 41 16 00-0008	EA	CONTROLLER, TS, 12-BAY, "M" CABINET	22,827.79	1,031.24
34 41 16 00-0009	EA	CONTROLLER, TS, 12-BAY, "P" CABINET	24,290.67	1,142.82
34 41 16 00-0010	EA	CONTROLLER, TS, 12-BAY "P" CABINET With FO MASTER	34,802.38	1,284.83
34 41 16 00-0011	EA	CONTROLLER, TS, 16-BAY, "P" CABINET	27,538.74	1,217.20
34 41 16 00-0012	EA	CONTROLLER, PEDESTRIAN CROSSING, ADD-IN	797.16	142.95
34 41 16 00-0013	EA	CONCRETE BLOCK PEDESTAL	761.68	214.64
34 41 16 00-0014	WK	MAINTAIN EXIST TS INSTALLATION	335.96	167.97
34 41 16 00-0015	EA	INST SIGN BOARDS, ST. NAME	602.06	283.07
34 41 16 00-0016	EA	F.O. ADD-IN FOR LOCAL CONTROLLER	11,603.21	378.25
34 41 16 00-0017	EA	F.O. ADD-IN FOR MASTER CONTROLLER	28,098.91	567.55
34 41 16 00-0018	EA	PDU Equipped netBooter With IEC320 C13 Outlets (Synaccess NP-0808DUH)	1,028.43	15.75
34 41 16 00-0019	EA	Remote Power Switched netBooter PDU, 8 Independent Outlets (Synaccess NP-0801DU)	584.04	15.75

34 41 16 00-0020 Transportation Cabinets *(34 41 16)*

34 41 16 00-0021 Transportation Cabinets (Dudlik Enclosures) *(34 41 16 00-0020)*

34 41 16 00-0022	EA	50" x 30" x 17", Aluminum CCTV Cabinet (Dudlik Enclosures)	2,693.68	181.43
34 41 16 00-0023	EA	66" x 48" x 30", Quad Door, 19" Racks, Aluminum CCTV Cabinet (Dudlik Enclosures)	11,527.28	181.43
34 41 16 00-0024	EA	46" x 30" x 20", 19" Rack, Aluminum TTS Cabinet (Dudlik Enclosures)	2,517.40	181.43
34 41 16 00-0025	EA	50" x 30" x 17", Aluminum ITS Controller Cabinet (Dudlik Enclosures)	2,693.68	181.43
34 41 16 00-0026	EA	60" x 50" x 36", Quad Door, 19" Racks, Aluminum Fiber Cross Connect Cabinet (Dudlik Enclosures)	11,919.01	181.43
34 41 16 00-0027	EA	55" x 16" x 17", Aluminum ITS Meter Cabinet (Dudlik Enclosures)	1,733.93	181.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 16 00-0028		**Transportation Cabinets (APX Enclosures)** *(34 41 16 00-0020)*		
34 41 16 00-0029	EA	28" Wide, 16" Depth, 46" High, ITS Controller Cabinet (APX Enclosure LS503017) Note: 3R, single door, pad mounted aluminum enclosure. Includes natural finish, aluminum back panel, light kit with door switch, thermostatically controlled fan kit, heater kit with thermostat, one aluminum moveable shelf, and one aluminum moveable shelf with slide out drawer. Excludes pad.	6,581.26	211.67
34 41 16 00-0030		**Transportation Cabinets (Transportation Control Systems)** *(34 41 16 00-0020)*		
34 41 16 00-0031	EA	30" Wide, 16" Depth, 48" High, Type 4, Aluminum Transportation Cabinet With Door Vents (Transportation Control Systems B483016B2D2S)	2,539.80	181.43
34 41 16 00-0032	EA	30" Wide, 16" Depth, 60" High, Type 4 Stretch, Aluminum Transportation Cabinet With Door Vents (Transportation Control Systems B603016B2D2S)	3,168.70	193.53
34 41 16 00-0033		**Transportation Cabinets (McCain)** *(34 41 16 00-0020)*		
34 41 16 00-0034	EA	24" Wide, 30" Depth, 67" High, ATC Cabinet (McCain 352i) Note: 3R, single door, pad mounted anodized aluminum enclosure. Excludes pad.	12,013.07	211.67
34 41 16 00-0035	EA	24" Wide, 30" Depth, 67" High, ATC Cabinet (McCain 332) Note: 3R, single door, pad mounted anodized aluminum enclosure. Excludes pad.	12,013.07	211.67
34 41 16 00-0036	EA	ATC ColdFire Controller (McCain 170)	6,147.95	
34 41 16 00-0037		**Traffic Control Equipment** *(34 41 16)*		
34 41 16 00-0038	EA	ProStar PWM Charge Controller 12/24 Volt, 15 Amperes Without Display (Morningstar PS-15)	303.98	60.47
34 41 16 00-0039	EA	ProStar PWM Charge Controller 12/24 Volt, 15 Amperes With Display (Morningstar PS-15M)	403.16	60.47
34 41 16 00-0040	EA	ProStar PWM Charge Controller 12/24 Volt, 30 Amperes With Display (Morningstar PS-30M)	466.15	60.47
34 41 16 00-0041	EA	ProStar PWM Charge Controller 12/24 Volt, 30 Amperes Without Display (Morningstar PS-30)	359.05	60.47
34 41 16 00-0042	MLF	10 AWG, 2 Conductor, 600V, Type TC, Non-Shielded Control Tray Cable (EnerSys A51002R)	2,818.37	663.03
34 41 16 00-0043	EA	Vehicle Detector, Circuit Breaker, 0.2 Amperes, Wavetronix SmartSensor (Wavetronix WX-CLK-210-02)	120.94	30.24
34 41 16 00-0044	EA	Vehicle Detector, 2.4 GHz 12 dBi Omni Antenna, Wavetronix SmartSensor (Wavetronix WX-100-0141)	558.66	67.68
34 41 16 00-0045	EA	Detection System, Vehicle, Two Sensor Preassembled Backplate, with AC Power (Wavetronix WX-SSB01-0003)	2,945.85	203.04
34 41 16 00-0046	EA	Vehicle Detector, Power Supply, 24 Volt DC, 4 Amperes (Wavetronix WX-CLK-204)	534.16	30.24
34 41 16 00-0047	EA	Vehicle Detector, 4-Channel Contact Matrix Closure, Rack Card (Wavetronix WX-CLK-114)	765.96	30.24
34 41 16 00-0048	EA	4 Channel Din-Rail Contact Closure Module (Wavetronix WX-CLK-104)	876.84	60.47
34 41 16 00-0049	EA	Detection System, Vehicle, Four Sensor Preassembled Backplate, With AC Power, Wavetronix Smartsensor (Wavetronix WX-SS-B01-0005)	3,870.13	60.47
34 41 16 00-0050	EA	50' Wavetronix Wiring Whip (Wavetronix WX-SS-708-060)	406.09	203.04
34 41 16 00-0051	EA	60', 6-Conductor Power And Communication Cable With Connector (Wavetronix WX-SS-704-060)	555.05	50.76
34 41 16 00-0052	EA	900 MHz 5 dBi Omni Antenna, Wavetronix SmartSensor (Wavetronix WX-100-0119)	478.04	67.68
34 41 16 00-0053	EA	900 MHz 9 dBi Yagi Antenna, Wavetronix SmartSensor (Wavetronix WX-100-0120)	296.62	67.68
34 41 16 00-0054	EA	Wavetronix Click 201 AC To DC Power Converter (Wavetronix WX-CLK-201)	332.59	30.24
34 41 16 00-0055	EA	24 Volt DC 2 Amperes, Wavetronix Smartsensor (Wavetronix WX-CLK-202)	403.14	30.24
34 41 16 00-0056	EA	Coax Surge N-Type, Wavetronix SmartSensor (Wavetronix WX-CLK-250)	181.41	30.24
34 41 16 00-0057	EA	Power, RS232/RS485 Surge, Wavetronix Smartsensor (Wavetronix WX-CLK-200)	544.23	30.24
34 41 16 00-0058	EA	Two Sensor Surge, Wavetronix SmartSensor (Wavetronix WX-CLK-222)	614.78	30.24
34 41 16 00-0059	EA	RS232 to RS485 Converter, Wavetronix SmartSensor (Wavetronix WX-CLK-304)	765.96	30.24
34 41 16 00-0060	EA	Wavetronix Click 301 Serial To Ethernet Converter (Wavetronix CLK-301)	60.47	30.24
34 41 16 00-0061	EA	Sensor Mount, Heavy Duty, 6 inch, 2 Axis Aluminum Bracket (Wavetronix WX-SS-611)	488.11	67.68
34 41 16 00-0062	MLF	LF, UV Resistant Polyethylene Jacketed Cable (Times Microwave Systems LMR-400)	3,322.29	663.03
34 41 16 00-0063	EA	N-Male (Plug) Clamp Connector (Times Microwave Systems TC-400-NMC)	58.46	18.14
34 41 16 00-0064	EA	Spectra IV SE Back Box, Heavy-Duty, Pendant Mount (Pelco BB4HD-PG-E)	996.38	72.57
34 41 16 00-0065	EA	Spectra III Clear Pendant Lower Dome, Heavy Duty (Pelco ld53hdpb-1)	965.43	90.71
34 41 16 00-0066	EA	24" Height, Ceiling/Pedestal Mount For Pan/Tilts Or Enclosures (Pelco pm2000)	216.81	30.24
34 41 16 00-0067	EA	10" Height, Ceiling/Pedestal Mount For Pan/Tilts Or Enclosures (Pelco pm2010)	157.44	30.24
34 41 16 00-0068	EA	24 Volt AC, Remote Data Port (Pelco IPS-RDPE-2)	519.36	30.24
34 41 16 00-0069	EA	Spectra IV Remote Monitor Interface Cable (Pelco IPS-CABLE)	213.56	30.24
34 41 16 00-0070	EA	120 Volt AC, 12.5 Watt, 12 Volt DC, 600 mA, External Plug In Power Supply (Triad Magnetics WDU12-600)	83.41	30.24
34 41 16 00-0071	EA	Control Area Network Direct Current Input/Output (Daktronics 0P-1247-0009) Note: Input/Output for sign peripherals.	725.67	60.47
34 41 16 00-0072	EA	Control Area Network Direct Current Input/Output (Daktronics 0P-1247-4009) Note: Input/Output for sign peripherals.	725.67	60.47
34 41 16 00-0073	EA	Control Area Network Distribution Board (Daktronics 0P-1248-0005) Note: Signal distribution point between sign modules and peripherals, and VFC-3000 Field Controller.	1,380.76	60.47
34 41 16 00-0074	EA	Control Area Network Distribution Board (Daktronics 0P-1248-0011) Note: Signal distribution point between sign modules and peripherals, and VFC-3000 Field Controller.	1,380.76	60.47
34 41 16 00-0075	EA	Control Area Network Temperature And Light Sensor (Daktronics 0P-1247-0019) Note: Measures temperature and detects light and reports to CAN Dist Board.	463.63	60.47
34 41 16 00-0076	EA	Control Area Network Temperature, Light Sensor, And Humidity (Daktronics 0P-1247-0015) Note: Measures temperature and detects light and humidity and reports to CAN Dist board.	665.20	60.47
34 41 16 00-0077	EA	Control Area Network Temperature, Light Sensor, And Humidity (Daktronics 0P-1247-0021) Note: Measures temperature and detects light and humidity and reports to CAN Dist board.	665.20	60.47
34 41 16 00-0078	EA	Control Area Network Temperature And Light Sensor (Daktronics 0P-1247-0003) Note: Measures temperature and detects light and reports to CAN Dist board.	544.25	60.47
34 41 16 00-0079	EA	Controller, VFC-3000 Field Controller NTCIPv1 (Daktronics 0A-1248-0016) Note: The "brains" of the sign. Receives information from NTCIP central software and reports status and diagnostic information.	9,554.39	241.91
34 41 16 00-0080	EA	DC/DC, Direct Current to Direct Current Converter (Daktronics 0P-1247-0025) Note: Takes 24 Volt DC input from two power supplies and outputs 9 Volt DC for CAN Dist Board, providing power redundancy.	403.14	30.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 16 00-0081	EA	Driver (Daktronics 0P-1100-0026) Note: Driver takes data packets from Control Area Network to determine what pixels (LED clusters) are ON and which are OFF.	761.94	48.38
34 41 16 00-0082	EA	External Temp Sensor (Daktronics 0P-1100-0014) Note: Sensor that measures ambient temperature.	671.23	48.38
34 41 16 00-0083	EA	Internal Temp Sensor (Daktronics 0P-1100-0038) Note: Sensor that measures sign internal temperature.	751.86	48.38
34 41 16 00-0084	EA	Light Level Detector (Daktronics 0P-1151-0002) Note: The values from the light sensors are used by the sign controller to determine the appropriate sign brightness.	449.50	48.38
34 41 16 00-0085	EA	Module (Daktronics 0A-1253-0608) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	1,380.76	60.47
34 41 16 00-0086	EA	Module (Daktronics 0A-1253-3018) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	1,733.51	60.47
34 41 16 00-0087	EA	Module (Daktronics 0A-1266-5002) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	1,531.94	60.47
34 41 16 00-0088	EA	Module (Daktronics 0A-1332-6252) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	2,136.64	60.47
34 41 16 00-0089	EA	Module (Daktronics 0A-1332-6455) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	1,733.51	60.47
34 41 16 00-0090	EA	Module (Daktronics 0A-1332-6654) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	1,733.51	60.47
34 41 16 00-0091	EA	Module (Daktronics 0P-1332-3015) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	927.23	60.47
34 41 16 00-0092	EA	Module (Daktronics 0P-1332-4116) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	927.23	60.47
34 41 16 00-0093	EA	Module (Daktronics 0P-1332-5031) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	927.23	60.47
34 41 16 00-0094	EA	Module (Daktronics 0P-1332-5017) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	927.23	60.47
34 41 16 00-0095	EA	Module Without Pan (Daktronics 0A-1253-0603) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display; without Pan (pan is the metal bracket that holds the module securely in place in the sign.	1,380.76	60.47
34 41 16 00-0096	EA	Module Without Pan (Daktronics 0A-1253-1605) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display; without Pan (pan is the metal bracket that holds the module securely in place in the sign.	1,380.76	60.47
34 41 16 00-0097	EA	Module Without Pan (Daktronics 0A-1254-1601) Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display; without Pan (pan is the metal bracket that holds the module securely in place in the sign.	1,380.76	60.47
34 41 16 00-0098	EA	Pixel Strip (Daktronics 0P-1100-0016) Note: Pixel Strip is a smaller section of a module. Typically has three pixels (LED clusters) per strip.	473.70	60.47
34 41 16 00-0099	EA	Pixel Strip (Daktronics 0P-1100-0029) Note: Pixel Strip is a smaller section of a module. Typically has three pixels (LED clusters) per strip.	554.33	60.47
34 41 16 00-0100	EA	Power Supply (Daktronics A-1593) Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	1,632.72	60.47
34 41 16 00-0101	EA	Power Supply (Daktronics A-1648) Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	1,632.72	60.47
34 41 16 00-0102	EA	Power Supply (Daktronics A-2307) Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	624.88	60.47
34 41 16 00-0103	EA	Surge Suppressor (Daktronics A-1129) Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	253.98	36.29
34 41 16 00-0104	EA	Surge Suppressor (Daktronics A-1412) Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	526.10	36.29
34 41 16 00-0105	EA	Surge Suppressor (Daktronics A-1772) Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	526.10	36.29
34 41 16 00-0106	EA	Surge Suppressor (Daktronics A-2139) Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	778.06	36.29
34 41 16 00-0107	EA	VCB, Vanguard Control Board (Daktronics 0P-1248-0022) Note: Receives high speed serial communication over fiber or CAT5 from VFC-3000 and reports sign status and peripheral diagnostics.	1,320.29	60.47
34 41 16 00-0108	EA	VMS I/O, Variable Message Sign Input/Output (Daktronics 0P-1194-0001) Note: Input/Output board for sign peripherals.	1,783.90	60.47
34 41 16 00-0109	EA	Power Supply Assembly (Daktronics A-1856R)	1,179.19	60.47
34 41 16 00-0110	EA	Power Supply Isolation Board (Daktronics 0P-1447-2000)	776.06	60.47
34 41 16 00-0111	EA	Ventilation/Circulation Fan (Daktronics B-1075)	292.29	60.47
34 41 16 00-0112	EA	VMS Controller (V2) (Daktronics 0A-1248-0028)	9,554.39	241.91
34 41 16 00-0113	EA	Photo/Temp Sensor (Daktronics 0P-1247-0015)	665.20	60.47
34 41 16 00-0114	EA	Defog Fan (Daktronics B-1053)	110.86	30.24
34 41 16 00-0115	EA	Defog Heater (Daktronics A-1792)	141.10	30.24
34 41 16 00-0116	EA	Display Card 1500, 15' Clear (Ver-Mac PB-AFF-06023A-03 PF)	876.84	60.47
34 41 16 00-0117	EA	Display Card 1500, 30' Amber (Ver-Mac PB-AFF-06023-01 PF)	876.84	60.47
34 41 16 00-0118	EA	1-Port Decoder With H.264 And High-Definition Technology (Verint S1801E-R)	1,142.19	60.57
34 41 16 00-0119	EA	1-Port Video Encoder Featuring H.264 Technology With One Bi-directional Audio Channel And 12V DC Universal Power Supply (Verint S1801E)	1,142.19	60.57
34 41 16 00-0120	EA	16-Port Video Encoder Featuring H.264 Technology (Verint S1816E)	6,170.05	60.57
34 41 16 00-0121	EA	Encoder H.264 Compact, Hiperfmc (Verint S1802E)	1,475.08	60.57
34 41 16 00-0122	EA	110 Volt AC To 12 Volt DC At 45 Watt, Transformer (Verint PS1261)	201.71	30.24
34 41 16 00-0123	EA	1-Channel Encoder, H.264 Dual-Streaming, SD Card Slot (Bosch VIP-X1XF-E)	704.68	60.57
34 41 16 00-0124	EA	Single/Quad-Stream Decoder (Bosch VIP-XD)	1,835.42	60.57
34 41 16 00-0125	EA	1-Output, Outdoor-Rated CCTV Power Supply Unit, 24/26/28 Volt AC (Pelco WCS1-4)	293.06	60.47
34 41 16 00-0126	EA	4-Outputs, Outdoor-Rated CCTV Power Supply With Circuit Breaker, 24/28 Volt AC (Pelco WCS4-20B)	644.26	60.47
34 41 16 00-0127	EA	12.5KVA, 12 Volt, 75Ah, UPS Battery (UPG UB12750)	279.68	15.15
34 41 16 00-0128	EA	Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports (EtherWAN EX71440-B0B)	3,542.55	120.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 16 00-0129	EA	Power Supply, Hardened, External 100-240 Volt AC Input; TS2 rated; 12 Volt DC Output Power (EtherWAN 41-136046-1)	220.45	30.24
34 41 16 00-0130	EA	4kVA / 3.6kW Split-Phase Power Module (Eaton 9PXMSPPM)	3,214.82	60.47
34 41 16 00-0131	EA	208-240 Volt, 4-20kVA Rack/Tower UPS (Eaton 9PXM)	7,555.63	299.36
34 41 16 00-0132	EA	30 Amperes, 600 Volt, 3-Pole, Fusible, NEMA 3R Rainproof, Safety Switch (Square D H361RB)	1,010.54	157.24
34 41 16 00-0133	EA	30 Amperes, 600 Volt, LKS Fuse (Eaton Bussmann LKS-30)	24.98	9.67
34 41 16 00-0134	EA	60 Amperes, 600 Volt, 3-Pole, Fusible, Heavy Duty, Safety Switch (Square D H362DS)	2,622.54	120.96
34 41 16 00-0135	EA	60 Amperes, 600 Volt, Dual Element, Time-Delay Fuse (Eaton Bussmann FRS-R-60)	55.57	9.67
34 41 16 00-0136	EA	50 Mbps, MIMO 2x2, 15 dBi Integrated Antenna (Proxim Wireless TSUNAMI QB-820)	2,330.73	67.68
34 41 16 00-0137	EA	Singlemode Loaded Fiber Adapter Panel, 6 Simplex SC/UPC Adapters (Multi-Link 10-4810)	128.43	45.96
34 41 16 00-0138	EA	12" x 6" x 5-1/2", 2 Panel, 2 Splice Dual Security Door, Compact Wall Mount Fiber Distribution Unit (Multilink 10-4469)	367.75	60.47
34 41 16 00-0139	EA	Single AC Inlet, 8 Nema 5-15 Outlets, Built-in AC Current Drawing Sensing Module (Synaccess NP-0801DT)	655.11	15.75
34 41 16 00-0140	EA	Aggregated TRMS AC Current Sensing, One Readout For All Outlets (Synaccess NP-0801DT(H))	706.03	15.75
34 41 16 00-0141	EA	550 Watt, 120 Volt AC, Fan Heater With Adjustable Thermostat, 32-140 Degree Fahrenheit (Stego CR-027)	374.89	24.19
34 41 16 00-0142	EA	10/100M Switch, 4 x 1G Combo, LAN Base (Cisco IE-4000-4TC4G-E)	4,522.96	145.14
34 41 16 00-0143	EA	12 Port, 2 Panel, Wall Mount, Compact Fiber Distribution Unit (Multilink FWM012XLC)	167.33	27.82
34 41 16 00-0144	EA	6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel (Multilink MSC-06-SM-C-BLK)	42.63	6.04
34 41 16 00-0145	EA	170 Watt AC To DC, Industrial Ethernet Family Power Supply (Cisco PWR-IE170W-PC-AC)	1,424.26	60.47
34 41 16 00-0146	EA	12 Port, Industrial Ethernet Layer 3 Switch Installed In Transportation Control Equipment (Cisco IE-4000-4GC4GP4G-E)	4,914.39	120.96
34 41 16 00-0147	EA	2 KVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line Uninterruptible Power Supply (UPS) (Xtreme Power P90-3000)	3,319.47	199.57
34 41 16 00-0148	EA	100 Amperes, 16 Circuit, Main Lug Load Center Panelboard, 8-1 AWG, 120/240 Volt, Single Phase (Square D QO816L100DS)	778.46	345.93
34 41 16 00-0149	EA	70 Amperes, 4 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase (Square D QO24L70S)	542.55	241.91
34 41 16 00-0150	EA	60 Amperes, 120/240 Volt, 2 Pole Common Trip Miniature Circuit Breaker, Plug On Mounting (Square D QO260)	111.72	32.65
34 41 16 00-0151	EA	15 Amperes, 120/240 Volt, 1 Pole Thermal Magnetic Miniature Circuit Breaker, Plug On Mounting (Square D QOT1515)	84.60	21.77
34 41 16 00-0152	EA	15 Amperes, 120/240 Volt, 1 Pole Thermal Magnetic Miniature Circuit Breaker, Plug On Mounting (Square D QO120)	66.38	21.77
34 41 16 00-0153	EA	20 Amperes, 120/240 Volt, 1 Pole Thermal Magnetic Miniature Circuit Breaker, Plug On Mounting (Square D QO120)	66.38	21.77
34 41 16 00-0154	EA	One Output Outdoor-rated CCTV Power Supply Unit, 24/26/28 Volt AC At 4 Amperes Total Supply Current, Fuse Protected Output, UL Listed (Pelco WCS1-4)	293.06	60.47
34 41 16 00-0155	EA	DIN Rail Mount, Switching Power Supply (TKH Security PSR12DC)	310.10	30.29
34 41 16 00-0156	EA	H.264 Multi-codec Video Encoder With Audio, Data And CC's (TKH Security C-60-E-MC)	2,889.94	30.29
34 41 16 00-0157	EA	Expansion Power Module For IE-3000-4TC And IE-3000-8TC (Cisco PWR-IE50W-AC-IEC)	563.89	15.75
34 41 16 00-0158	EA	Traffic Monitoring System (BlueToad Spectra Cellular/Solar Version)	11,609.68	203.04
34 41 16 00-0159	EA	Ubiquiti Rocket M9 Wireless Access Point (ROCKETM9)	442.78	67.68

34 41 23 Roadway Monitoring Equipment *(34 41)*

34 41 23 00-0001 Radar Speed Display Signs *(34 41 23)*

34 41 23 00-0002	EA	Pole Mounted Radar Speed Sign (RU2 Systems, Inc. Model 250) Note: 12" Full Matrix (rounded) Characters for quick recognition.	5,573.06	
34 41 23 00-0003	EA	Pole Mounted Radar Speed Sign (RU2 Systems, Inc. Model 350) Note: 18" Full Matrix (rounded) Characters for quick recognition.	6,553.30	
34 41 23 00-0004	EA	Dolly Mounted Radar Speed Sign (RU2 Systems, Inc. Model 500) Note: 12" Amber AlInGaP LED display characters.	9,311.00	
34 41 23 00-0005	EA	Trailer Mounted Radar Speed Sign (RU2 Systems, Inc. Model 600) Note: 12" full graphic characters	11,697.66	
34 41 23 00-0006	EA	Trailer Mounted Radar Speed Sign (RU2 Systems, Inc. Model 750) Note: 18" Amber AlInGaP LED display characters	14,688.51	
34 41 23 00-0007	EA	Trailer Mounted Radar Speed Sign (RU2 Systems, Inc. Model 800) Note: 18" Amber AlInGaP LED full graphic display characters, on top. 18" x 24" MUTCD R2-1 speed sign / 5-65 MPH overlays.	15,372.92	
34 41 23 00-0008	EA	Trailer Mounted Radar Speed Sign (RU2 Systems, Inc. Model 950) Note: 18" Amber AlInGaP LED full graphic display characters. 18" x 24" MUTCD R2-1 speed sign / 5-65 MPH overlays.	18,619.49	
34 41 23 00-0009	EA	Trailer Mounted Radar Speed Sign (RU2 Systems, Inc. Model 1000) Note: Up to 30" Amber AlInGaP LED digits.	21,314.51	

34 43 Airfield Signaling and Control Equipment *(34 40)*

34 43 13 Airfield Signals and Lighting *(34 43)*

34 43 13 09 Airport Rotating Beacons *(34 43 13)*

34 43 13 09-0001	EA	Rotating Heliport Beacon, 3 - 500 Watt Quartz Lamps	8,415.77	2,210.08

34 43 13 12 Airport Obstruction Lights *(34 43 13)*

34 43 13 12-0001 Hazard Beacon Flashing Red, Two Lamps-620 Watts *(34 43 13 12)*

34 43 13 12-0002	EA	Hazard Beacon Flashing Red, 2 - 620 Watt With 2 Wire Cable	3,823.52	221.01
34 43 13 12-0003	EA	Hazard Beacon Flashing Red, 2 - 620 Watt With 3 Wire Cable	4,259.84	221.01
34 43 13 12-0004	EA	Beacon Failure Alarm Relay Assembly	976.51	221.01

34 43 13 12-0005 Obstruction Marker Lights *(34 43 13 12)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 43 13 12-0006	EA	Obstruction Marker Light, 1 - 69 Watt FAA Spec L-810	440.10	138.13
34 43 13 12-0007	EA	Obstruction Marker Light, 2 - 69 Watt FAA Spec L-810	696.56	165.75
34 43 13 12-0008	EA	Obstruction Marker Light, 1 - 116 Watt Mil Spec M16-6-7830B	588.45	138.13
34 43 13 12-0009	EA	Obstruction Marker Light, 2 - 116 Watt Mil Spec M16-6-7830B	943.08	165.75
34 43 13 12-0010	EA	Transfer Relay Assembly	1,371.38	221.01
34 43 13 12-0011		Solid State Flashers With Cast Aluminum Housing *(34 43 13 12)*		
34 43 13 12-0012	EA	Solid State Flashers, 1 Circuit, With Cast Aluminum Housing	13,531.71	221.01
34 43 13 12-0013	EA	Solid State Flashers, 2 Circuit Simultaneous Flash, With Cast Aluminum Housing	26,731.64	276.26
34 43 13 12-0014	EA	Solid State Flashers, 3 Circuit Simultaneous Flash, With Cast Aluminum Housing	39,932.45	331.51
34 43 13 12-0015	EA	Sequential Flasher	9,837.42	1,197.54
34 43 13 13		**Airfield Runway Identification Lights** *(34 43 13)*		
34 43 13 13-0001		Taxi Guidance Sign Internally Illuminated, 18" Letters *(34 43 13 13)*		
34 43 13 13-0002	EA	Taxi Guidance Sign 1 Face, 4' Wide Internally Illuminated, 18" Letter	2,741.43	221.01
34 43 13 13-0003	EA	Taxi Guidance Sign 1 Face, 6' Wide Internally Illuminated, 18" Letter	4,439.87	276.26
34 43 13 13-0004	EA	Taxi Guidance Sign 1 Face, 8' Wide Internally Illuminated, 18" Letter	6,073.75	331.51
34 43 13 13-0005	EA	Taxi Guidance Sign 1 Face, 10' Wide Internally Illuminated, 18" Letter	7,546.69	331.51
34 43 13 13-0006	EA	Taxi Guidance Sign 2 Face, 4' Wide Internally Illuminated, 18" Letter	3,180.93	331.51
34 43 13 13-0007	EA	Taxi Guidance Sign 2 Face, 6' Wide Internally Illuminated, 18" Letter	5,096.82	386.76
34 43 13 13-0008	EA	Taxi Guidance Sign 2 Face, 8' Wide Internally Illuminated, 18" Letter	6,948.93	442.01
34 43 13 13-0009	EA	Taxi Guidance Sign 2 Face, 10' Wide Internally Illuminated, 18" Letter	8,639.64	552.52
34 43 13 13-0010		Taxi Guidance Sign Internally Illuminated, 12" And 15" Letters *(34 43 13 13)*		
34 43 13 13-0011	EA	Taxi Guidance Sign 1 Face, 2 1/2' Wide Internally Illuminated, 12 - 15" Letters	2,353.11	221.01
34 43 13 13-0012	EA	Taxi Guidance Sign 1 Face, 4' Wide Internally Illuminated, 12 - 15" Letters	3,618.44	221.01
34 43 13 13-0013	EA	Taxi Guidance Sign 1 Face, 6' Wide Internally Illuminated, 12 - 15" Letters	5,092.18	276.26
34 43 13 13-0014	EA	Taxi Guidance Sign 1 Face, 8' Wide Internally Illuminated, 12 - 15" Letters	6,409.72	331.51
34 43 13 13-0015	EA	Taxi Guidance Sign 2 Face, 2 1/2' Wide Internally Illuminated, 12 - 15" Letters	2,637.86	276.26
34 43 13 13-0016	EA	Taxi Guidance Sign 2 Face, 4' Wide Internally Illuminated, 12 - 15" Letters	4,077.72	276.26
34 43 13 13-0017	EA	Taxi Guidance Sign 2 Face, 6' Wide Internally Illuminated, 12 - 15" Letters	5,726.87	331.51
34 43 13 13-0018	EA	Taxi Guidance Sign 2 Face, 8' Wide Internally Illuminated, 12 - 15" Letters	9,006.27	386.76
34 43 13 13-0019		Taxi Guidance Sign Unlighted, 18" Letters *(34 43 13 13)*		
34 43 13 13-0020	EA	Taxi Guidance Sign 1 Face, 4' Wide Unlighted, 18" Letters	1,921.42	138.13
34 43 13 13-0021	EA	Taxi Guidance Sign 1 Face, 6' Wide Unlighted, 18" Letters	3,509.64	138.13
34 43 13 13-0022	EA	Taxi Guidance Sign 1 Face, 8' Wide Unlighted, 18" Letters	5,088.16	165.75
34 43 13 13-0023	EA	Taxi Guidance Sign 1 Face, 10' Wide Unlighted, 18" Letters	6,340.40	165.75
34 43 13 13-0024	EA	Taxi Guidance Sign 2 Face, 4' Wide Unlighted, 18" Letters	2,195.33	165.75
34 43 13 13-0025	EA	Taxi Guidance Sign 2 Face, 6' Wide Unlighted, 18" Letters	4,001.71	165.75
34 43 13 13-0026	EA	Taxi Guidance Sign 2 Face, 8' Wide Unlighted, 18" Letters	5,725.89	221.01
34 43 13 13-0027	EA	Taxi Guidance Sign 2 Face, 10' Wide Unlighted, 18" Letters	5,767.34	221.01
34 43 13 13-0028		Distance Marker Sign, Internally Illuminated *(34 43 13 13)*		
34 43 13 13-0029	EA	Distance Marker Sign, 48" x 48"	3,692.62	221.01
34 43 13 13-0030		Options And Accessories *(34 43 13 13)*		
34 43 13 13-0031	EA	100 Watt Transformer Guidance Signs Accessories	346.35	55.25
34 43 13 13-0032	EA	Connection Kit For 1 Conduit Cable Guidance Signs Accessories	190.11	82.88
34 43 13 13-0033	EA	Base Housing, 12" Diameter Guidance Signs Accessories	461.46	110.50
34 43 13 13-0034		Tools *(34 43 13 13)*		
34 43 13 13-0035	EA	Impact Nut Driver Guidance Signs Accessories	423.23	
34 43 13 13-0036	EA	Leveling Tool Guidance Signs Accessories	213.80	
34 43 13 13-0037	EA	Contact Straightener Guidance Signs Accessories	93.81	
34 43 13 13-0038	EA	Installation Fixture Guidance Signs Accessories	436.32	
34 43 13 13-0039	EA	Drill Jig Guidance Signs Accessories	523.59	
34 43 13 13-0040	EA	Installation And Align Tool Guidance Signs Accessories	266.16	
34 43 13 13-0041	EA	Prism Setting Fixture Guidance Signs Accessories	373.41	
34 43 13 13-0042	EA	Pressure Test Fitting Guidance Signs Accessories	97.87	
34 43 13 13-0043	EA	Lifting Handles Guidance Signs Accessories	54.54	
34 43 13 13-0044	EA	Leveling Tool Guidance Signs Accessories	213.80	
34 43 13 13-0045	EA	Flector Alignment Tool Guidance Signs Accessories	174.55	
34 43 13 13-0046	EA	Lamp Extractor Guidance Signs Accessories	28.36	
34 43 13 13-0047	EA	Cable Stripper/Penciller Guidance Signs Accessories	283.78	
34 43 13 13-0048		Taxiway Marker Tubular Reflectors Post *(34 43 13 13)*		
		Note: With reflective strips on contract background.		
34 43 13 13-0049	EA	Taxiway Marker Reflector Post 18" With Reflector Strips On Contract Background	163.10	55.25
34 43 13 13-0050	EA	Taxiway Marker Reflector Post 24" With Reflector Strips On Contract Background	171.83	55.25
34 43 13 13-0051	EA	Taxiway Marker Reflector Post 30" With Reflector Strips On Contract Background	184.91	55.25

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 43 13 13-0052	EA	Taxiway Marker Reflector Post 36" With Reflector Strips On Contract Background	193.64	55.25
34 43 13 16		**Airfield Runway and Taxiway Inset Lighting** *(34 43 13)*		
34 43 13 16-0001		Runway And Taxiway Lights *(34 43 13 16)*		
34 43 13 16-0002		Runway In-Pavement Lights *(34 43 13 16-0001)*		
34 43 13 16-0003		Runway Centerline, Land And Hold Short Operations (LAHSO) *(34 43 13 16-0002)*		
		Note: L-850A.		
34 43 13 16-0004	EA	Uni-Directional Runway Centerline Light With Shallow Base And Film Disc Cutout	1,437.50	165.75
34 43 13 16-0005	EA	Uni-Directional Runway Centerline Light With Cord Set And Film Disc Cutout	789.79	110.50
34 43 13 16-0006	EA	Uni-Directional Runway Centerline Light With Two (2) Cord Sets And Film Disc Cutout	828.94	110.50
34 43 13 16-0007	EA	Uni-Directional Runway Centerline Light With Shallow Base And Without Film Disc Cutout	1,408.33	165.75
34 43 13 16-0008	EA	Uni-Directional Runway Centerline Light With Cord Set And Without Film Disc Cutout	781.56	110.50
34 43 13 16-0009	EA	Uni-Directional Runway Centerline Light With Two (2) Cord Sets And Without Film Disc Cutout	807.04	110.50
34 43 13 16-0010	EA	Bi-Directional Runway Centerline Light With Shallow Base And Film Disc Cutout	1,492.80	165.75
34 43 13 16-0011	EA	Bi-Directional Runway Centerline Light With Cord Set And Film Disc Cutout	818.22	110.50
34 43 13 16-0012	EA	Bi-Directional Runway Centerline Light With Two (2) Cord Sets And Film Disc Cutout	859.34	110.50
34 43 13 16-0013	EA	Bi-Directional Runway Centerline Light With Shallow Base And Without Film Disc Cutout	1,462.17	165.75
34 43 13 16-0014	EA	Bi-Directional Runway Centerline Light With Cord Set And Without Film Disc Cutout	809.59	110.50
34 43 13 16-0015	EA	Bi-Directional Runway Centerline Light With Two (2) Cord Sets And Without Film Disc Cutout	836.34	110.50
34 43 13 16-0016		Runway Touchdown Zone, Medium Intensity Approach Lighting System *(34 43 13 16-0002)*		
		Note: L-850B.		
34 43 13 16-0017	EA	Uni-Directional Straight Or Toe-in Runway Touchdown Zone Light With Shallow Base And Film Disc Cutout	1,306.49	165.75
34 43 13 16-0018	EA	Uni-Directional Straight Or Toe-in Runway Touchdown Zone Light With Single Cord Set And Film Disc Cutout	676.03	110.50
34 43 13 16-0019	EA	Uni-Directional Straight Or Toe-in Runway Touchdown Zone Light With Shallow Base And Without Film Disc Cutout	1,280.31	165.75
34 43 13 16-0020	EA	Uni-Directional Straight Or Toe-in Runway Touchdown Zone Light With Single Cord Set And Without Film Disc Cutout	649.87	110.50
34 43 13 16-0021		Runway Edge, Displaced Threshold *(34 43 13 16-0002)*		
		Note: L-850C.		
34 43 13 16-0022	EA	Bi-Directional Displaced Threshold Runway Edge Light With Cord Set And Film Disc Cutout	1,184.37	110.50
34 43 13 16-0023	EA	Bi-Directional Displaced Threshold Runway Edge Light With Two (2) Cord Sets And Film Disc Cutout	1,190.95	110.50
34 43 13 16-0024	EA	Bi-Directional Displaced Threshold Runway Edge Light With Cord Set And Without Film Disc Cutout	1,167.18	110.50
34 43 13 16-0025	EA	Bi-Directional Displaced Threshold Runway Edge Light With Two (2) Cord Sets And Without Film Disc Cutout	1,173.30	110.50
34 43 13 16-0026		Runway Threshold/End *(34 43 13 16-0002)*		
		Note: L-850D.		
34 43 13 16-0027	EA	Uni-Directional Obscured Beam Threshold/End Light With Cord Set And Film Disc Cutout	1,301.09	110.50
34 43 13 16-0028	EA	Uni-Directional Obscured Beam Threshold/End Light With Two (2) Cord Sets And Film Disc Cutout	1,321.00	110.50
34 43 13 16-0029	EA	Uni-Directional Obscured Beam Threshold/End Light With Cord Set And Without Film Disc Cutout	1,274.93	110.50
34 43 13 16-0030	EA	Uni-Directional Obscured Beam Threshold/End Light With Two (2) Cord Sets And Without Film Disc Cutout	1,279.15	110.50
34 43 13 16-0031	EA	Uni-Directional Straight or Toed Beam Threshold/End Light With Cord Set And Film Disc Cutout	1,622.71	110.50
34 43 13 16-0032	EA	Uni-Directional Straight or Toed Beam Threshold/End Light With Two (2) Cord Sets And Film Disc Cutout	1,648.54	110.50
34 43 13 16-0033	EA	Uni-Directional Straight or Toed Beam Threshold/End Light With Cord Set And Without Film Disc Cutout	1,564.98	110.50
34 43 13 16-0034	EA	Uni-Directional Straight or Toed Beam Threshold/End Light With Two (2) Cord Sets And Without Film Disc Cutout	1,570.35	110.50
34 43 13 16-0035	EA	Bi-Directional Obscured Beam Threshold/End Light With Cord Set And Film Disc Cutout	1,355.09	110.50
34 43 13 16-0036	EA	Bi-Directional Obscured Beam Threshold/End Light With Two (2) Cord Sets And Film Disc Cutout	1,376.00	110.50
34 43 13 16-0037	EA	Bi-Directional Obscured Beam Threshold/End Light With Cord Set And Without Film Disc Cutout	1,327.63	110.50
34 43 13 16-0038	EA	Bi-Directional Obscured Beam Threshold/End Light With Two (2) Cord Sets And Without Film Disc Cutout	1,332.05	110.50
34 43 13 16-0039	EA	Bi-Directional Straight or Toed Beam Threshold/End Light With Cord Set And Film Disc Cutout	1,692.80	110.50
34 43 13 16-0040	EA	Bi-Directional Straight or Toed Beam Threshold/End Light With Two (2) Cord Sets And Film Disc Cutout	1,719.92	110.50
34 43 13 16-0041	EA	Bi-Directional Straight or Toed Beam Threshold/End Light With Cord Set And Without Film Disc Cutout	1,632.17	110.50
34 43 13 16-0042	EA	Bi-Directional Straight or Toed Beam Threshold/End Light With Two (2) Cord Sets And Without Film Disc Cutout	1,637.82	110.50
34 43 13 16-0043		Runway Threshold, Medium Intensity Approach Lighting System *(34 43 13 16-0002)*		
		Note: L-850E.		
34 43 13 16-0044	EA	Uni-Directional Straight Or Toe-in Runway Threshold Light With Single Cord Set And Film Disc Cutout	1,410.26	110.50
34 43 13 16-0045	EA	Uni-Directional Straight Or Toe-in Runway Threshold Light With Single Cord Set And Without Film Disc Cutout	1,357.90	110.50
34 43 13 16-0046		Land And Hold Short Operations (LAHSO) *(34 43 13 16-0002)*		
		Note: L-850F.		
34 43 13 16-0047	EA	Uni-Directional Runway LAHSO With Shallow Base And Film Disc Cutout	1,717.19	165.75
34 43 13 16-0048	EA	Uni-Directional Runway LAHSO With Two (2) Cord Sets And Film Disc Cutout	867.70	110.50
34 43 13 16-0049	EA	Uni-Directional Runway LAHSO With Shallow Base And Without Film Disc Cutout	1,679.98	165.75
34 43 13 16-0050	EA	Uni-Directional Runway LAHSO With Two (2) Cord Sets And Without Film Disc Cutout	830.52	110.50
34 43 13 16-0051		Runway Guard *(34 43 13 16-0002)*		
		Note: L-852G.		
34 43 13 16-0052	EA	Uni-Directional 105 Watt Runway Guard Light With Shallow Base	1,262.50	165.75
34 43 13 16-0053	EA	Uni-Directional 105 Watt Runway Guard Light With Two (2) Cord Sets	1,042.30	165.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 43 13 16-0054		**Stop Bar** *(34 43 13 16-0002)* Note: L-852S.		
34 43 13 16-0055	EA	Uni-Directional 105 Watt Stop Bar Light With Shallow Base And Film Disc Cutout	1,254.34	165.75
34 43 13 16-0056	EA	Uni-Directional 105 Watt Stop Bar Light With Cord Set And Film Disc Cutout	886.50	165.75
34 43 13 16-0057	EA	Uni-Directional 105 Watt Stop Bar Light With Shallow Base And Without Film Disc Cutout	1,251.89	165.75
34 43 13 16-0058	EA	Uni-Directional 105 Watt Stop Bar Light With Cord Set And Without Film Disc Cutout	860.32	165.75
34 43 13 16-0059		**Taxiway In-Pavement Lights** *(34 43 13 16-0001)*		
34 43 13 16-0060		**Taxiway Centerline, Straight Sections; Clearance Bar (>= 1,200 or <1,200 Runway Visual Range (RVR))** *(34 43 13 16-0059)* Note: L-852A or L-852C.		
34 43 13 16-0061	EA	Uni-Directional Straight Taxiway Centerline Light With Shallow Base And Film Disc Cutout	1,437.50	165.75
34 43 13 16-0062	EA	Uni-Directional Straight Taxiway Centerline Light With Cord Set And Film Disc Cutout	904.93	110.50
34 43 13 16-0063	EA	Uni-Directional Straight Taxiway Centerline Light With Two (2) Cord Sets And Film Disc Cutout	947.66	110.50
34 43 13 16-0064	EA	Uni-Directional Straight Taxiway Centerline Light With Shallow Base And Without Film Disc Cutout	1,418.53	165.75
34 43 13 16-0065	EA	Uni-Directional Straight Taxiway Centerline Light With Cord Set And Without Film Disc Cutout	855.66	110.50
34 43 13 16-0066	EA	Uni-Directional Straight Taxiway Centerline Light With Two (2) Cord Sets And Without Film Disc Cutout	895.32	110.50
34 43 13 16-0067	EA	Bi-Directional Straight Taxiway Centerline Light With Shallow Base And Film Disc Cutout	1,488.22	165.75
34 43 13 16-0068	EA	Bi-Directional Straight Taxiway Centerline Light With Cord Set And Film Disc Cutout	936.30	110.50
34 43 13 16-0069	EA	Bi-Directional Straight Taxiway Centerline Light With Two (2) Cord Sets And Film Disc Cutout	978.14	110.50
34 43 13 16-0070	EA	Bi-Directional Straight Taxiway Centerline Light With Shallow Base And Without Film Disc Cutout	1,468.37	165.75
34 43 13 16-0071	EA	Bi-Directional Straight Taxiway Centerline Light With Cord Set And Without Film Disc Cutout	884.77	110.50
34 43 13 16-0072	EA	Bi-Directional Straight Taxiway Centerline Light With Two (2) Cord Sets And Without Film Disc Cutout	923.60	110.50
34 43 13 16-0073		**Taxiway Centerline, Curved Sections; Clearance Bar (>= 1,200 or <1,200 Runway Visual Range (RVR))** *(34 43 13 16-0059)* Note: L-852B or L-852D or L-852J or L-852K.		
34 43 13 16-0074	EA	Uni-Directional Curved Taxiway Centerline Light With Shallow Base And Film Disc Cutout	1,469.45	165.75
34 43 13 16-0075	EA	Uni-Directional Curved Taxiway Centerline Light With Cord Set And Film Disc Cutout	902.79	110.50
34 43 13 16-0076	EA	Uni-Directional Curved Taxiway Centerline Light With Two (2) Cord Sets And Film Disc Cutout	952.41	110.50
34 43 13 16-0077	EA	Uni-Directional Curved Taxiway Centerline Light With Shallow Base And Without Film Disc Cutout	1,379.45	165.75
34 43 13 16-0078	EA	Uni-Directional Curved Taxiway Centerline Light With Cord Set And Without Film Disc Cutout	848.87	110.50
34 43 13 16-0079	EA	Uni-Directional Curved Taxiway Centerline Light With Two (2) Cord Sets And Without Film Disc Cutout	896.88	110.50
34 43 13 16-0080	EA	Bi-Directional Curved Taxiway Centerline Light With Shallow Base And Film Disc Cutout	1,519.59	165.75
34 43 13 16-0081	EA	Bi-Directional Curved Taxiway Centerline Light With Cord Set And Film Disc Cutout	932.84	110.50
34 43 13 16-0082	EA	Bi-Directional Curved Taxiway Centerline Light With Two (2) Cord Sets And Film Disc Cutout	984.64	110.50
34 43 13 16-0083	EA	Bi-Directional Curved Taxiway Centerline Light With Shallow Base And Without Film Disc Cutout	1,423.30	165.75
34 43 13 16-0084	EA	Bi-Directional Curved Taxiway Centerline Light With Cord Set And Without Film Disc Cutout	877.94	110.50
34 43 13 16-0085	EA	Bi-Directional Curved Taxiway Centerline Light With Two (2) Cord Sets And Without Film Disc Cutout	925.15	110.50
34 43 13 16-0086		**Taxiway Intersections; Clearance Bar (>= 1,200 Runway Visual Range (RVR))** *(34 43 13 16-0059)* Note: L-852E.		
34 43 13 16-0087	EA	Omni-Directional 45 Watt Taxiway Intersection Light With Shallow Base And Film Disc Cutout	1,254.34	165.75
34 43 13 16-0088	EA	Omni-Directional 150 Watt Taxiway Intersection Light With Shallow Base And Film Disc Cutout	1,477.63	165.75
34 43 13 16-0089	EA	Omni-Directional 30 Watt Taxiway Intersection Light With Shallow Base And Film Disc Cutout	1,305.52	165.75
34 43 13 16-0090	EA	Omni-Directional 40 Watt, 120 Volt AC, Taxiway Intersection Light With Shallow Base And Film Disc Cutout	1,449.73	165.75
34 43 13 16-0091	EA	Omni-Directional 45 Watt Taxiway Intersection Light With Cord Set And Film Disc Cutout	743.47	110.50
34 43 13 16-0092	EA	Omni-Directional 150 Watt Taxiway Intersection Light With Cord Set And Film Disc Cutout	939.23	165.75
34 43 13 16-0093	EA	Omni-Directional 30 Watt Taxiway Intersection Light With Cord Set And Film Disc Cutout	847.96	165.75
34 43 13 16-0094	EA	Omni-Directional 40 Watt, 120 Volt AC, Taxiway Intersection Light With Cord Set And Film Disc Cutout	894.41	165.75
34 43 13 16-0095	EA	Omni-Directional 45 Watt Taxiway Intersection Light With Shallow Base And Without Film Disc Cutout	1,232.62	165.75
34 43 13 16-0096	EA	Omni-Directional 150 Watt Taxiway Intersection Light With Shallow Base And Without Film Disc Cutout	1,450.66	165.75
34 43 13 16-0097	EA	Omni-Directional 30 Watt Taxiway Intersection Light With Shallow Base And Without Film Disc Cutout	1,282.60	165.75
34 43 13 16-0098	EA	Omni-Directional 40 Watt, 120 Volt AC, Taxiway Intersection Light With Shallow Base And Without Film Disc Cutout	1,423.43	165.75
34 43 13 16-0099	EA	Omni-Directional 45Watt Taxiway Intersection Light With Cord Set And Without Film Disc Cutout	726.17	110.50
34 43 13 16-0100	EA	Omni-Directional 150 Watt Taxiway Intersection Light With Cord Set And Without Film Disc Cutout	923.64	165.75
34 43 13 16-0101	EA	Omni-Directional 30 Watt Taxiway Intersection Light With Cord Set And Without Film Disc Cutout	834.72	165.75
34 43 13 16-0102	EA	Omni-Directional 40 Watt, 120 Volt AC, Taxiway Intersection Light With Cord Set And Without Film Disc Cutout	909.23	165.75
34 43 13 16-0103		**Taxiway Intersections; Clearance Bar (<1,200 Runway Visual Range (RVR))** *(34 43 13 16-0059)* Note: L-852F.		
34 43 13 16-0104	EA	Omni-Directional 120 Watt Taxiway Intersection Light With Shallow Base And Film Disc Cutout	1,459.38	165.75
34 43 13 16-0105	EA	Omni-Directional 120 Watt Taxiway Intersection Light With Cord Set And Film Disc Cutout	943.14	165.75
34 43 13 16-0106	EA	Omni-Directional 120 Watt Taxiway Intersection Light With Shallow Base And Without Film Disc Cutout	1,423.88	165.75
34 43 13 16-0107	EA	Omni-Directional 120 Watt Taxiway Intersection Light With Cord Set And Without Film Disc Cutout	923.89	165.75
34 43 13 16-0108		**Taxiway Edge, Apron Edge** *(34 43 13 16-0059)* Note: L-852T.		
34 43 13 16-0109	EA	Omni-Directional 45 Watt Taxiway Edge Light With Cord Set And Film Disc Cutout	1,401.79	165.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 43 13 16-0110	EA	Omni-Directional 45 Watt Taxiway Edge Light With Cord Set And Without Film Disc Cutout	1,235.53	165.75
34 43 13 16-0111		**Elevated Lights** *(34 43 13 16-0001)*		
34 43 13 16-0112		**Elevated Runway Guard** *(34 43 13 16-0111)* Note: L-804		
34 43 13 16-0113	EA	Elevated Runway Guard	1,822.74	110.50
34 43 13 16-0114		**Elevated Runway Edge** *(34 43 13 16-0111)* Note: L-860		
34 43 13 16-0115	EA	14" Omni-Directional Elevated Runway Edge Light	599.72	138.13
34 43 13 16-0116	EA	24" Omni-Directional Elevated Runway Edge Light	608.99	138.13
34 43 13 16-0117	EA	30" Omni-Directional Elevated Runway Edge Light	680.72	138.13
34 43 13 16-0118		**Elevated Runway Threshold/End** *(34 43 13 16-0111)* Note: L-860E		
34 43 13 16-0119	EA	14" Uni-Directional Elevated Runway Threshold/End Light	572.77	138.13
34 43 13 16-0120	EA	24" Uni-Directional Elevated Runway Threshold/End Light	581.26	138.13
34 43 13 16-0121	EA	30" Uni-Directional Elevated Runway Threshold/End Light	647.02	138.13
34 43 13 16-0122	EA	14" Bi-Directional Elevated Runway Threshold/End Light	587.59	138.13
34 43 13 16-0123	EA	24" Bi-Directional Elevated Runway Threshold/End Light	596.51	138.13
34 43 13 16-0124	EA	30" Bi-Directional Elevated Runway Threshold/End Light	665.55	138.13
34 43 13 16-0125		**Elevated Runway Edge or Threshold/End, Displaced Threshold, Non-Precision IFR Runways** *(34 43 13 16-0111)* Note: L-861, L-861E, L-861SE or L-861T		
34 43 13 16-0126	EA	14" Omni-Directional Elevated Runway Light, Non-Precision IFR Runways	545.81	138.13
34 43 13 16-0127	EA	20" Omni-Directional Elevated Runway Light, Non-Precision IFR Runways	550.61	138.13
34 43 13 16-0128	EA	24" Omni-Directional Elevated Runway Light, Non-Precision IFR Runways	553.54	138.13
34 43 13 16-0129	EA	30" Omni-Directional Elevated Runway Light, Non-Precision IFR Runways	613.31	138.13
34 43 13 16-0130	EA	14" Uni-Directional Elevated Runway Light, Non-Precision IFR Runways	548.76	138.13
34 43 13 16-0131	EA	20" Uni-Directional Elevated Runway Light, Non-Precision IFR Runways	553.62	138.13
34 43 13 16-0132	EA	24" Uni-Directional Elevated Runway Light, Non-Precision IFR Runways	556.57	138.13
34 43 13 16-0133	EA	30" Uni-Directional Elevated Runway Light, Non-Precision IFR Runways	617.01	138.13
34 43 13 16-0134	EA	14" Bi-Directional Elevated Runway Light, Non-Precision IFR Runways	562.39	138.13
34 43 13 16-0135	EA	20" Bi-Directional Elevated Runway Light, Non-Precision IFR Runways	567.49	138.13
34 43 13 16-0136	EA	24" Bi-Directional Elevated Runway Light, Non-Precision IFR Runways	570.58	138.13
34 43 13 16-0137	EA	30" Bi-Directional Elevated Runway Light, Non-Precision IFR Runways	634.04	138.13
34 43 13 16-0138		**Elevated Runway Edge or Threshold/End, Displaced Threshold, Precision IFR Runways** *(34 43 13 16-0111)* Note: L-862 Or L-862E		
34 43 13 16-0139	EA	14" Uni-Directional Elevated Runway Light, Precision IFR Runways	510.93	138.13
34 43 13 16-0140	EA	24" Uni-Directional Elevated Runway Light, Precision IFR Runways	515.83	138.13
34 43 13 16-0141	EA	30" Uni-Directional Elevated Runway Light, Precision IFR Runways	523.41	138.13
34 43 13 16-0142	EA	14" Swivel Head Uni-Directional Elevated Runway Light, Precision IFR Runways	612.33	138.13
34 43 13 16-0143	EA	24" Swivel Head Uni-Directional Elevated Runway Light, Precision IFR Runways	619.35	138.13
34 43 13 16-0144	EA	30" Swivel Head Uni-Directional Elevated Runway Light, Precision IFR Runways	635.96	138.13
34 43 13 16-0145	EA	14" Bi-Directional Elevated Runway Light, Precision IFR Runways	522.67	138.13
34 43 13 16-0146	EA	24" Bi-Directional Elevated Runway Light, Precision IFR Runways	527.81	138.13
34 43 13 16-0147	EA	30" Bi-Directional Elevated Runway Light, Precision IFR Runways	535.77	138.13
34 43 13 16-0148	EA	14" Swivel Head Bi-Directional Elevated Runway Light, Precision IFR Runways	629.14	138.13
34 43 13 16-0149	EA	24" Swivel Head Bi-Directional Elevated Runway Light, Precision IFR Runways	636.51	138.13
34 43 13 16-0150	EA	30" Swivel Head Bi-Directional Elevated Runway Light, Precision IFR Runways	653.95	138.13
34 43 13 16-0151		**Elevated Stop Bar** *(34 43 13 16-0111)* Note: L-862S		
34 43 13 16-0152	EA	14" Uni-Directional Elevated Stop Bar	515.19	138.13
34 43 13 16-0153	EA	24" Uni-Directional Elevated Stop Bar	520.73	138.13
34 43 13 16-0154	EA	30" Uni-Directional Elevated Stop Bar	523.41	138.13
34 43 13 16-0155		**Airfield Optional Accessories** *(34 43 13 16-0001)*		
34 43 13 16-0156	EA	30/45 Watt Transformer, Airfield Optional Accessories	280.91	55.25
34 43 13 16-0157	EA	65 Watt Transformer, Airfield Optional Accessories	313.63	55.25
34 43 13 16-0158	EA	100 Watt Transformer, Airfield Optional Accessories	346.35	55.25
34 43 13 16-0159	EA	200 Watt Transformer, Airfield Optional Accessories	358.07	55.25
34 43 13 16-0160	EA	300 Watt Transformer, Airfield Optional Accessories	440.35	82.88
34 43 13 16-0161	EA	500 Watt Transformer, Airfield Optional Accessories	486.81	82.88
34 43 13 16-0162	EA	10" Diameter Base Housing, Non-Load Bearing, Airfield Optional Accessories	463.64	110.50
34 43 13 16-0163	EA	12" Diameter Base Housing, Non-Load Bearing, Airfield Optional Accessories	537.81	110.50
34 43 13 16-0164	EA	15" Diameter Base Housing, Non-Load Bearing, Airfield Optional Accessories	635.99	110.50
34 43 13 16-0165	EA	12" Diameter Adjustable Base Housing, Load Bearing, Airfield Optional Accessories Note: L-867.	616.90	110.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 43 13 16-0166	EA	16" Diameter Adjustable Base Housing, Load Bearing, Airfield Optional Accessories Note: L-867.	739.62	110.50
34 43 13 16-0167	EA	Connection Kit For Conduit Cable, Airfield Optional Accessories	190.11	82.88
34 43 13 16-0168	MLF	#8 AWG Cable - XLP (XHHW), Underground Feeder And Branch Circuit, Airfield Optional Accessories Note: L-824.	1,470.00	
34 43 13 16-0169	MLF	#6 AWG Cable - XLP (XHHW), Underground Feeder And Branch Circuit, Airfield Optional Accessories Note: L-824.	1,900.14	
34 43 13 16-0170	MLF	#4 AWG Cable - XLP (XHHW), Underground Feeder And Branch Circuit, Airfield Optional Accessories Note: L-824.	2,537.28	
34 43 13 16-0171	EA	Frangible Coupling (Complete), Airfield Optional Accessories	146.46	6.52
34 43 13 16-0172	EA	Precast Concrete Base, Airfield Optional Accessories	638.75	89.51

34 43 13 23 Airfield Short-Approach Lighting Equipment *(34 43 13)*

34 43 13 23-0001 Land And Hold Short (LAHSO) Light System *(34 43 13 23)*

34 43 13 23-0002	EA	Land And Hold Short (LAHSO) Lighting System, Five (5) Unidirectional Inpavement Light Fixtures (FAA L850A), Power Control And Monitoring Unit And Tower Control Panel	20,879.41	

34 43 13 26 Airfield Omni-Directional-Approach Lighting Equipment *(34 43 13)*

34 43 13 26-0001 Elevated Approach *(34 43 13 26)*

34 43 13 26-0002	EA	Approach And Navigational Light 200 Watt - Heavy Duty Assembly Only Elevated Approach	498.55	110.50
34 43 13 26-0003	EA	Approach And Navigational Light 300 Watt - Heavy Duty Assembly Only Elevated Approach	498.55	110.50
34 43 13 26-0004	EA	Approach And Navigational Light 500 Watt - Heavy Duty Assembly Only Elevated Approach	498.55	110.50
34 43 13 26-0005	EA	Approach And Navigational Light 200 Watt - With Filter Bracket Elevated Approach	538.28	121.56
34 43 13 26-0006	EA	Approach And Navigational Light 300 Watt - With Filter Bracket Elevated Approach	538.28	121.56
34 43 13 26-0007	EA	Approach And Navigational Light 500 Watt - With Filter Bracket Elevated Approach	538.28	121.56

34 43 13 29 Airfield Low-Intensity-Approach Lighting Equipment *(34 43 13)*

34 43 13 29-0001 Rotating Beacon *(34 43 13 29)*

34 43 13 29-0002	EA	Rotating Airport Beacon, 12 RPM, 400 Watt Metal Halide 1 Beam Clear, 400 Watt Metal Halide 1 Beam Green	29,279.32	2,641.05
34 43 13 29-0003	EA	Rotating Beam Single Drum, 12 RPM Clear Beam, 500 Watt Quartz	64,564.05	2,210.08
34 43 13 29-0004	EA	Rotating Beam, Double Drum, 6 RPM Clear And Green Beams, 1,000 Watt Quartz	70,098.66	2,431.10
34 43 13 29-0005	EA	Beacon Tower, Tubular Type, 51'	23,430.26	1,352.45
34 43 13 29-0006	EA	Weatherproof Panelboard, 4 - 15 Amperes Breakers	3,695.79	331.51

34 43 13 29-0007 Runway Approach Lights, Semi-Flush Unidirectional *(34 43 13 29)*

34 43 13 29-0008	EA	Runway Approach Light, Unidirectional, S-Flash, 115 Watt With Shallow Insert Base	2,049.16	165.75
34 43 13 29-0009	EA	Runway Approach Light, Unidirectional, S-Flash, 200 Watt With Shallow Insert Base	2,070.98	165.75
34 43 13 29-0010	EA	Runway Approach Light, Unidirectional, TD Zone, 115 Watt S-Flash, For Mounted In Base Housing	779.97	110.50
34 43 13 29-0011	EA	Runway Approach Light, Unidirectional, TD Zone, 200 Watt S-Flash, For Mounted In Base Housing	819.24	110.50

34 43 13 33 Airfield High-Intensity-Approach Lighting Equipment *(34 43 13)*

34 43 13 33-0001 High Intensity Approach/ Threshold Light, Semi-Flush *(34 43 13 33)*

Note: Unidirectional.

34 43 13 33-0002	EA	High Intensity Approach Light, 500 Watt Quartz, Clear Semi-Flush, Unidirectional	2,965.44	165.75
34 43 13 33-0003	EA	High Intensity Threshold Light, Clear 500 Watt Quartz, Semi-Flush, Unidirectional	3,222.87	165.75
34 43 13 33-0004	EA	High Intensity Approach Light, 500 Watt Quartz, Red Semi-Flush, Unidirectional	2,914.17	165.75
34 43 13 33-0005	EA	High Intensity Threshold/End Light, Green/Red Semi-Flush, Unidirectional	3,397.40	165.75

34 43 13 36 Airfield Precision-Approach Path Indicator Equipment *(34 43 13)*

34 43 13 36-0001 Precision Approach Path Indicator *(34 43 13 36)*

34 43 13 36-0002	EA	Approach And Navigational Light Precision Approach Path Indicator - 4 System, 4 Units, 3 Projectors Per Unit	20,202.43	884.03
34 43 13 36-0003	EA	Approach And Navigational Light Series Power Kit (3 x 200), Precision Approach Path Indicator	2,427.28	221.01
34 43 13 36-0004	EA	Approach And Navigational Light Clinometer Precision Approach Path Indicator	2,043.32	221.01
34 43 13 36-0005	EA	Approach And Navigational Light Optical Bench Precision Approach Path Indicator	4,590.25	331.51
34 43 13 36-0006	EA	Approach And Navigational Light Radio Receiver, Air-Ground Precision Approach Path Indicator	3,158.12	221.01
34 43 13 36-0007	EA	Approach And Navigational Light Radio Receiver, Interface Unidirectional Precision Approach Path Indicator	1,017.96	221.01

34 43 23 Weather Observation Equipment *(34 43)*

34 43 23 16 Airfield Wind Cones *(34 43 23)*

34 43 23 16-0001 Wind Cone, 12 Foot Long, Illuminated With 16' Hinged Pole *(34 43 23 16)*

34 43 23 16-0002	EA	Wind Cone, 12' Lighted Assembly, With Light Rigid With Obstruction Light	22,229.59	1,326.05
34 43 23 16-0003	EA	Wind Cone, 12' Lighted Assembly Rigid	18,800.50	1,215.54
34 43 23 16-0004	EA	Wind Cone, 12' Unlighted Assembly, With Light Rigid With Obstruction Light	19,977.89	1,105.04
34 43 23 16-0005	EA	Wind Cone, 12' Unlighted Assembly Rigid	18,358.47	994.54
34 43 23 16-0006	EA	Wind Cone Slip Fitter, 2.5" Pipe	382.92	82.88
34 43 23 16-0007	EA	12' x 3' Wind Cone Cotton Sock With Frame	1,381.49	273.92
34 43 23 16-0008	EA	12' x 3' Wind Cone Nylon Sock With Frame	1,296.65	273.92
34 43 23 16-0009	EA	Booster Transformer, 1 KW Weatherproof Cabinet	1,367.78	165.75

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 43 23 16-0010		Wind Cone, Up To 8 Foot Long, Illuminated With 8' Hinged Pole *(34 43 23 16)*		
34 43 23 16-0011	EA	Wind Cone, 8' Lighted Assembly With Light Frangible With Obstruction Light	16,893.19	1,105.04
34 43 23 16-0012	EA	Wind Cone, 8' Lighted Assembly Frangible	18,118.47	994.54
34 43 23 16-0013	EA	Wind Cone, 8' Lighted Assembly Rigid	14,266.12	994.54
34 43 23 16-0014	EA	Wind Cone, 8' Unlighted Assembly, With Light Rigid With Obstruction Light	15,314.91	994.54
34 43 23 16-0015	EA	Wind Cone, 8' Unlighted Assembly Frangible	18,292.13	884.03
34 43 23 16-0016	EA	Wind Cone, 8' Unlighted Assembly Rigid	14,045.12	884.03
34 43 23 16-0017	EA	8' x 1-1/2' Wind Cone Nylon Sock With Frame	781.72	273.92
34 43 23 16-0018	EA	Removal And Replacement Of 8' x 1-1/2' Wind Cone Nylon Sock	291.96	
34 43 26		**Airfield Control Equipment** *(34 43)*		
34 43 26 13		**Airfield Lighting Control Equipment** *(34 43 26)*		
34 43 26 13-0001		Power Cable Assemblies *(34 43 26 13)*		
34 43 26 13-0002	EA	Approach And Navigational Light Upper Cable Assembly Power Cable Assemblies	211.92	82.88
34 43 26 13-0003	EA	Approach And Navigational Light Lower Cable Assembly Power Cable Assemblies	211.92	82.88
34 43 26 13-0004	EA	Approach And Navigational Light Cable Clamp Power Cable Assemblies	83.66	27.63
34 43 26 13-0005		Power Distribution And Control Equipment *(34 43 26 13)*		
34 43 26 13-0006		Control Panel *(34 43 26 13-0005)*		
34 43 26 13-0007	EA	Control Panel, Series Circuit Monitor 6.6 Amperes, 48 Volt DC Current	8,741.96	663.03
34 43 26 13-0008	EA	Key Selector Switch	116.92	35.91
34 43 26 13-0009		Series/Isolation Transformers *(34 43 26 13-0005)*		
34 43 26 13-0010	EA	Series / Isolation Transformers 30/45 Watt - FAA	280.91	55.25
34 43 26 13-0011	EA	Series / Isolation Transformers 65 Watt - FAA	313.63	55.25
34 43 26 13-0012	EA	Series / Isolation Transformers 100 Watt - FAA	346.35	55.25
34 43 26 13-0013	EA	Series / Isolation Transformers 300 Watt - FAA	471.54	82.88
34 43 26 13-0014	EA	Series / Isolation Transformers 500 Watt - FAA	491.17	82.88
34 43 26 13-0015	EA	Series / Isolation Transformers 30/45 Watt - MIL	360.54	55.25
34 43 26 13-0016	EA	Series / Isolation Transformers 200 Watt - MIL	421.62	55.25
34 43 26 13-0017	EA	Series / Isolation Transformers 300 Watt - MIL	570.80	82.88
34 43 26 13-0018	EA	Series / Isolation Transformers 500 Watt - MIL	642.79	82.88
34 43 26 13-0019		Auxiliary Pilot Relay Cabinet *(34 43 26 13-0005)*		
34 43 26 13-0020	EA	Relay Cabinet, 20 Circuit, 120 Volt, 50/60 Hertz Auxiliary Pilot Relay Cabinet	4,335.35	442.01
34 43 26 13-0021	EA	Relay Cabinet, 20 Circuit, 120 Volt, 50 Hertz Auxiliary Pilot Relay Cabinet	4,335.35	442.01
34 43 26 13-0022	EA	Relay Cabinet, 20 Circuit, 120 Volt, 60 Hertz Auxiliary Pilot Relay Cabinet	5,077.05	552.52
34 43 26 13-0023	EA	Master Timer Cabinet	18,000.81	1,197.54
34 43 26 13-0024		Radio Control *(34 43 26 13-0005)*		
34 43 26 13-0025	EA	Radio Control Receiver Controller	9,256.02	3,547.19
34 43 26 13-0026		Constant Current Regulator *(34 43 26 13-0005)*		
34 43 26 13-0027	EA	Constant Current Regulator, 10 KW - Wet Type Power Distribution And Control Equipment	13,541.52	663.03
34 43 26 13-0028	EA	Constant Current Regulator, 20 KW - Wet Type Power Distribution And Control Equipment	23,369.60	994.54
34 43 26 13-0029	EA	Constant Current Regulator, 50 KW - Wet Type Power Distribution And Control Equipment	35,698.68	1,657.56
34 43 26 13-0030	EA	Constant Current Regulator, 4 KW - Dry Type Power Distribution And Control Equipment	5,244.74	331.51
34 43 26 13-0031	EA	Constant Current Regulator, 7.5 KW - Dry Type Power Distribution And Control Equipment	7,647.04	442.01
34 43 26 13-0032	EA	Constant Current Regulator, 10 KW - Dry Type Power Distribution And Control Equipment	9,832.77	663.03
34 43 26 13-0033		Lamp Failure Detector *(34 43 26 13-0005)*		
34 43 26 13-0034	EA	Lamp Failure Detector, 120/240 Volt, 1 - 6.6 Amperes And 3 - 20 Amperes Circuit Monitoring	11,733.04	442.01
34 43 26 13-0035		Accessories *(34 43 26 13-0005)*		
34 43 26 13-0036	EA	Plug Cutout Power Distribution And Control Equipment Accessory	1,260.12	221.01
34 43 26 13-0037	EA	Primary Connector Kit Power Distribution And Control Equipment Accessory	245.48	110.50
34 43 26 13-0038	EA	Secondary Connector Kit Power Distribution And Control Equipment Accessory	260.75	110.50
34 43 26 13-0039	EA	Heat Shrink Kit Power Distribution And Control Equipment Accessory	345.32	165.75
34 43 26 13-0040		Runway Lighting Cable *(34 43 26 13-0005)*		
34 43 26 13-0041	LF	Electric Type "C" Cable	10.22	1.10
34 43 26 13-0042		Terminal Blocks *(34 43 26 13-0005)*		
34 43 26 13-0043	EA	Terminal Blocks	127.07	11.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 43 26 13-0044		**Tower Lighting Controllers** *(34 43 26 13)*		
34 43 26 13-0045	EA	Tower Light Controllers 0-150' Tower Cabinets Only	3,805.39	884.03
34 43 26 13-0046	EA	Light Controllers 150-450' Tower Cabinets Only	6,597.33	994.54
34 43 26 13-0047	EA	One Obstruction Light Alarm	2,465.70	442.01
34 43 26 13-0048	EA	2 Obstruction Lights And 1 Beacon Alarm, Flasher Fail Safe	5,055.03	663.03
34 43 26 13-0049	EA	Alarm Test Switch For 2 Lights Obstruction	4,614.60	442.01
34 43 26 13-0050		**Junction Boxes And Tower Accessories** *(34 43 26 13)*		
34 43 26 13-0051	EA	Size 1 Junction Box, With 4 Hubs, 4" Diameter x 2" Deep	356.74	110.50
34 43 26 13-0052	EA	Size 2 Junction Box, With 2 Or 4 Hubs, 8" x 4" x 2.5"	590.63	138.13
34 43 26 13-0053	EA	Size 3 Junction Box, With 4 Hubs 8 1/2" x 11 5/8" x 3 5/8"	936.54	165.75
34 43 26 13-0054	EA	Size 4 Junction Box, With 4 Hubs, 18" x 12" x 6"	1,292.84	221.01
34 43 26 13-0055	EA	Junction Box Breather, Screened 1" Nipple With Threaded 90 Degree Elbow	254.20	110.50
34 43 26 13-0056	EA	Junction Box Drain, Screened 1" Nipple	254.20	110.50
34 43 26 13-0057	EA	Wraplock Tape, Galvanized Steel 100' Roll	1,389.97	663.03
34 43 26 13-0058	EA	Telephone Jack Assembly In Field Box With 1/2" Hub	610.79	110.50
34 43 26 13-0059	EA	Elevated Approach Bar	11,489.94	3,814.50
34 43 26 13-0060		**Lighting Kits For Towers** *(34 43 26 13)* Note: Includes fixtures, junction boxes, controllers, accessories, less wire and conduit.		
34 43 26 13-0061	EA	Lighting Kits For Up To 100' Tower	10,091.72	3,882.21
34 43 26 13-0062	EA	Lighting Kits For From 101'-150' Tower	18,431.99	4,852.76
34 43 26 13-0063	EA	Lighting Kits For From 151'-200' Tower	23,169.21	7,279.14
34 43 26 13-0064	EA	Lighting Kits For From 201'-300' Tower	30,613.92	10,918.71
34 43 26 13-0065	EA	Lighting Kits For From 301'-450' Tower	53,135.00	17,955.21
34 43 26 13-0066		**Junction Boxes And Tower Accessories** *(34 43 26 13)*		
34 43 26 13-0067	EA	Termination Bar Complete	6,728.66	1,197.54

34 70 Transportation Construction and Equipment *(34)*

34 71 Roadway Construction *(34 70)*

34 71 13 Vehicle Barriers *(34 71)*

34 71 13 13 Vehicle Median Barriers *(34 71 13)*

34 71 13 13-0001		**Concrete Median Barrier** *(34 71 13 13)*		
34 71 13 13-0002	LF	Median Barrier, Precast, 42" High Single Face	65.95	4.25
34 71 13 13-0003	LF	Median Barrier, Precast, 32" High, 2' Wide Base, Double Face	106.73	4.25
34 71 13 13-0004	LF	Median Barrier, Precast, 42" High, 2' Wide Base, Double Face	149.34	4.25
34 71 13 13-0005	LF	Median Barrier, Cast In Place With Steel Forms	44.40	5.69
34 71 13 13-0006	LF	Median Barrier, Slipformed Concrete	38.46	3.42

34 71 13 16 Vehicle Crash Barriers *(34 71 13)*

34 71 13 16-0001		**Impact Barrier, Non-Redirective** *(34 71 13 16)*		
34 71 13 16-0002		**Sand Barrel Impact Attenuator** *(34 71 13 16-0001)* Note: Includes containers, inserts, and lid. Excludes sand.		
34 71 13 16-0003	EA	200, 400 Or 700 LB Sand Barrel Note: Includes containers, inserts, and lid.	543.36	51.54

34 71 13 26 Vehicle Guide Rails *(34 71 13)*

34 71 13 26-0001		**Mobilize Guide Rail Crew** *(34 71 13 26)*		
34 71 13 26-0002	EA	Mobilize Guide Rail Crew Note: Excludes equipment mobilization.	1,308.72	
34 71 13 26-0003		**Corrugated Beam Guide Rail** *(34 71 13 26)*		
34 71 13 26-0004		**Corrugated Beam Guide Railing** *(34 71 13 26-0003)*		
34 71 13 26-0005		**Corrugated Beam Guide Railing. Straight Sections** *(34 71 13 26-0004)* Note: Add additional length for back-up sections.		
34 71 13 26-0006	LF	Corrugated Beam Guide Railing	18.30	2.34
34 71 13 26-0007	LF	Corrugated Beam Guide Railing (Rustic)	19.73	2.34
34 71 13 26-0008		**Corrugated Beam Guide Railing, Shop Curved** *(34 71 13 26-0004)* Note: Add additional length for back-up sections.		
34 71 13 26-0009	LF	Shop Curved Corrugated Beam Guide Railing	23.91	2.34
34 71 13 26-0010	LF	Shop Curved Corrugated Beam Guide Railing (Rustic)	25.88	2.34

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0011	LF	Shop Curved Corrugated Beam Guide Railing End	61.31	2.34
		Note: Treatment for mall barriers driveways, walkways, special end, etc.		
34 71 13 26-0012	LF	Shop Curved Corrugated Beam Guide Railing (Rustic) End	66.90	2.34
		Note: Treatment for mall barriers shop curved corrugated beam guide railing end etc.		
34 71 13 26-0013		Corrugated Beam Guide Railing, Manufactured End Sections *(34 71 13 26-0003)*		
34 71 13 26-0014	EA	Corrugated Beam Guide Railing End Section At Anchor Unit	138.35	30.85
34 71 13 26-0015	EA	Corrugated Beam Guide Railing End Section (Rustic) At Anchor Unit	145.99	30.85
34 71 13 26-0016	EA	Corrugated Beam Guide Railing Flared Or 180 Degree End Section	184.16	30.85
34 71 13 26-0017	EA	Corrugated Beam Guide Railing Flared Or 180 Degree End Section (Rustic)	191.79	30.85
34 71 13 26-0018	EA	Corrugated Beam Guide Railing 225 Degree End Section	184.16	30.85
34 71 13 26-0019	EA	Corrugated Beam Guide Railing 225 Degree End Section (Rustic)	191.79	30.85
34 71 13 26-0020		Corrugated Beam Guide Rail Posts *(34 71 13 26-0003)*		
		Note: Includes mounting hardware.		
34 71 13 26-0021	EA	Standard Post For Corrugated Beam Guide Rail	143.47	15.99
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.26*	
34 71 13 26-0022	EA	Standard Post For (Rustic) Corrugated Beam Guide Rail	151.10	15.99
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.26*	
34 71 13 26-0023	EA	Extra Long Post For Corrugated Beam Guide Rail	158.74	15.99
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.26*	
34 71 13 26-0024	EA	Extra Long Post (Rustic) for Corrugated Beam Guide Rail	166.37	15.99
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.26*	
34 71 13 26-0025	EA	6B8-1/2" or Mall Barrier Post for Corrugated Beam Guide Rail	143.47	15.99
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*4.26*	
34 71 13 26-0026	EA	Post Struts for Corrugated Beam Guide Rail Mall Barrier Post	204.54	15.99
		For Installation In Rock, Add	*4.26*	
34 71 13 26-0027		Heavy Post Blocked Out Corrugated Beam Guide Rail Posts *(34 71 13 26-0003)*		
		Note: Includes mounting hardware. Excludes triangular mounting brackets.		
34 71 13 26-0028	EA	Standard Post For Heavy Post Blocked Out Corrugated Beam Guide	143.47	15.99
34 71 13 26-0029	EA	Standard Rustic Post For Heavy Post Blocked Out Corrugated Beam Guide	151.10	15.99
34 71 13 26-0030	EA	Extra Long Post for Heavy Post Blocked Out Corrugated Beam Guide	158.74	15.99
34 71 13 26-0031	EA	Extra Long Post (Rustic) For heavy post blocked out corrugated beam guide rail	166.37	15.99
		Note: For heavy post blocked out corrugated beam guide (rustic)		
34 71 13 26-0032	EA	Type A Post 1630mm Post	139.65	15.99
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0033	EA	Type A Post 1630mm Post (Rustic)	147.29	15.99
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0034	EA	Type B Post 1460mm	132.02	15.99
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0035	EA	Type B Post 1460mm (Rustic)	139.65	15.99
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0036	EA	Type C Post 1290mm	124.38	15.99
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0037	EA	Type C Post 1290mm (Rustic)	132.02	15.99
		Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0038	EA	Breakaway Wood Or Steel Post In Steel Foundation Tube	526.41	15.99
34 71 13 26-0039	EA	Wood, Metal, Plastic Or Composite Offset Block Or Beam	59.49	15.99
		Note: For heavy post blocked out corrugated beam guide rail.		
34 71 13 26-0040		Corrugated Beam Guide Rail Accessories *(34 71 13 26-0003)*		
34 71 13 26-0041	EA	Triangular Mounting Brackets (Galvanized Or Rustic) For All Post Types A, B And C	123.08	35.05
34 71 13 26-0042		Corrugated Beam Guide Rail Repair for Existing Guide Rail *(34 71 13 26-0003)*		
		Note: Includes associated hardware.		
34 71 13 26-0043	LF	Removal And Storage Of Corrugated Beam Guide Railing And Post	13.70	
34 71 13 26-0044	EA	Install Stored Post For Corrugated Beam Guide Rail	46.74	
34 71 13 26-0045	LF	Install Stored Corrugated Beam Guide Railing And Post	7.95	
34 71 13 26-0046		Corrugated Thrie Beam Guide Railing *(34 71 13 26-0003)*		
34 71 13 26-0047		Corrugated Thrie Beam Guide Railing. Straight Sections *(34 71 13 26-0046)*		
		Note: Add additional length for back-up sections.		
34 71 13 26-0048	LF	Corrugated Thrie Beam Guide Railing	42.91	2.94
34 71 13 26-0049	LF	Corrugated Thrie Beam Guide Railing (Rustic)	45.23	2.94
34 71 13 26-0050		Corrugated Thrie Beam Guide Railing. Shop Curved *(34 71 13 26-0046)*		
		Note: Add additional length for back-up sections.		
34 71 13 26-0051	LF	Shop Curved Corrugated Thrie Beam Guide Railing	52.21	2.94
34 71 13 26-0052	LF	Shop Curved Corrugated Thrie Beam Guide Railing (Rustic)	54.54	2.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0053		**Corrugated Thrie Beam Guide Rail Posts** *(34 71 13 26-0046)*		
		Note: Includes hardware for mounting.		
34 71 13 26-0054	EA	Standard Post For Corrugated Thrie Beam Guide Rail	171.88	2.94
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For 32" Soil Plate, Add	*7.00*	
34 71 13 26-0055	EA	Standard Post (Rustic) For Corrugated Thrie Beam Guide Rail	179.52	2.94
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For 32" Soil Plate, Add	*7.00*	
34 71 13 26-0056		**Timber Guide Rails** *(34 71 13 26)*		
		Note: Includes drilling and fasteners. Excludes excavation, auguring and concrete.		
34 71 13 26-0057		**Timber Guide Rail Posts** *(34 71 13 26-0056)*		
34 71 13 26-0058	EA	6" x 8" Timber Guide Rail Post	110.50	11.68
34 71 13 26-0059	EA	6" x 9" Timber Guide Rail Post	126.26	11.68
34 71 13 26-0060	EA	10" x 10" Timber Guide Rail Post	249.81	11.68
34 71 13 26-0061	EA	10" x 12" Timber Guide Rail Post	264.54	11.68
34 71 13 26-0062	EA	12" x 12" Timber Guide Rail Post	306.54	11.68
34 71 13 26-0063		**Timber Guide Rails** *(34 71 13 26-0056)*		
		Note: Excludes posts, spacer blocks and steel backup plates.		
34 71 13 26-0064	LF	4" x 9" Timber Guide Rail	13.72	1.41
34 71 13 26-0065	LF	6" x 10" Timber Guide Rail	19.40	1.41
34 71 13 26-0066	LF	6" x 12" Timber Guide Rail	22.72	1.41
34 71 13 26-0067		**Spacer Blocks For Timber Guide Rails** *(34 71 13 26-0056)*		
34 71 13 26-0068	EA	4" x 9" Spacer Block For Timber Guide Rails	17.86	1.87
34 71 13 26-0069	EA	6" x 8" Spacer Block For Timber Guide Rails	20.58	1.87
34 71 13 26-0070	EA	8" x 8" Spacer Block For Timber Guide Rails	24.05	1.87
34 71 13 26-0071		**Weathering Steel Backup Plates For Timber Guide Rails** *(34 71 13 26-0056)*		
34 71 13 26-0072	LF	6" High, Weathering Steel Backup Plate For Timber Guide Rails	25.07	1.17
34 71 13 26-0073		**Weathering Steel Splice And Bearing Plates For Timber Guide Rails** *(34 71 13 26-0056)*		
34 71 13 26-0074	EA	Weathering Steel Splice Plate For Timber Guide Rails	173.16	16.36
34 71 13 26-0075	EA	Weathering Steel Bearing Termination Plate For Timber Guide Rails	108.40	11.68
34 71 13 26-0076		**Cable Guide Rail** *(34 71 13 26)*		
34 71 13 26-0077		**Cable Guide Rail** *(34 71 13 26-0076)*		
34 71 13 26-0078	LF	Cable (Each Cable)	9.88	2.52
		Note: Includes tensioning. Excludes splices.		
34 71 13 26-0079	EA	Cable Splice With Wedges	252.40	17.53
34 71 13 26-0080		**Cable Guide Rail Posts** *(34 71 13 26-0076)*		
		Note: Includes hardware for cable mounting.		
34 71 13 26-0081	EA	Standard Post for Cable Guide Rail	185.58	53.30
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*14.21*	
34 71 13 26-0082	EA	Standard Post (Rustic) for Cable Guide Rail	193.22	53.30
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*14.21*	
34 71 13 26-0083	EA	Extra Long Post for Cable Guide Rail	193.22	53.30
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*14.21*	
34 71 13 26-0084	EA	Extra Long Post (Rustic) for Cable Guide Rail	200.85	53.30
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*14.21*	
34 71 13 26-0085	EA	Slip Impact Post Top for Anchor Unit	120.04	21.32
34 71 13 26-0086	EA	Slip Impact Post Base and Keeper Plate	310.90	21.32
		Note: For anchor unit.		
34 71 13 26-0087		**Cable Guide Rail Accessories For Breakaway Anchor Angle Systems** *(34 71 13 26-0076)*		
34 71 13 26-0088	EA	Turnbuckle Cable End Assembly For Use With Breakaway Anchors	571.79	234.17
34 71 13 26-0089	EA	Turnbuckle Cable End Assembly	168.30	11.71
34 71 13 26-0090	EA	Spring Cable End Assembly (Compensating Device) For Use With Breakaway Anchors	542.16	5.82
34 71 13 26-0091	EA	Spring Cable End Assembly (Compensating Device) Without Turnbuckle	557.43	5.82
34 71 13 26-0092	EA	Breakaway Anchor Angle	214.10	11.71
34 71 13 26-0093	EA	Standard End Post Cap Assembly	99.37	5.82
34 71 13 26-0094	EA	Driveway End Post Cap Assembly	84.10	5.82
34 71 13 26-0095	EA	End Post Ground Support Plates	45.93	5.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0096	EA	11" Stud Bolt, Cable Guide Rail	40.21	5.82
34 71 13 26-0097	EA	18" Stud Bolt, Cable Guide Rail	47.84	5.82
34 71 13 26-0098	EA	25" Stud Bolt, Cable Guide Rail	55.47	5.82
34 71 13 26-0099	EA	1-1/4" Diameter Turnbuckle, Cable Guide Rail	473.67	11.71
34 71 13 26-0100	EA	1-1/2" Diameter Turnbuckle, Cable Guide Rail	504.21	11.71
34 71 13 26-0101	EA	5/8" Diameter Turnbuckle With 12" Take-up And Shackle Ends, Cable Guide Rail	336.25	11.71
34 71 13 26-0102	EA	5/8" Eye Bolt 18" Long, Cable Guide Rail	206.25	5.82
34 71 13 26-0103	EA	3/4" Eye Bolt 8'-6" Long, Cable Guide Rail	214.10	11.71
34 71 13 26-0104	EA	1-5/8" Anchor Rod 10' Long With Plate, Cable Guide Rail	229.50	17.53
34 71 13 26-0105		**Cable Guide Rail Accessories For Slip Impact Post Systems** *(34 71 13 26-0076)*		
34 71 13 26-0106	EA	Turnbuckle Cable End Assembly Note: For use with slip impact post.	382.55	17.80
34 71 13 26-0107	EA	Spring Cable End Assembly (Compensating Device) Note: For use with slip impact post.	749.00	17.80
34 71 13 26-0108	EA	Anchor Angle For Slip Impact Post System	222.23	17.80
34 71 13 26-0109	EA	Cable End Assembly Rod Note: Includes cable end, threaded rod and keeper to anchor angle.	184.06	17.80
34 71 13 26-0110		**Cable Guide Rail Repair For Existing Guide Rail** *(34 71 13 26-0076)* Note: Includes associated hardware.		
34 71 13 26-0111	LF	Retention Existing Cable (Each Cable)	1.56	
34 71 13 26-0112	LF	Removal And Storage Of Cable Guide Railing	9.41	
34 71 13 26-0113	EA	Install Stored Post For Cable Guide Railing	71.07	
34 71 13 26-0114	LF	Install Stored Cable, (Each Cable) Note: Includes retensioning. Excludes splices.	4.17	
34 71 13 26-0115		**6" x 6" Box Beam Guide Rail** *(34 71 13 26)*		
34 71 13 26-0116		**Box Beam Guide Rail, 6" x 6"** *(34 71 13 26-0115)*		
34 71 13 26-0117		**Straight Sections, Box Beam Guide Rail** *(34 71 13 26-0116)*		
34 71 13 26-0118	LF	Box Beam Guide Railing 6" x 6" x 3/16" Galvanized Note: Excludes splices.	51.63	2.94
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0119	LF	Box Beam Guide Railing 6" x 6" x 3/16" (Rustic) Note: Excludes splices.	58.61	2.94
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0120		**Shop Curved, Box Beam Guide Rail** *(34 71 13 26-0116)*		
34 71 13 26-0121	LF	Shop Curved Box Beam Guide Railing 6" x 6" x 3/16" Galvanized Note: Excludes splices.	78.39	2.94
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0122	LF	Shop Curved Box Beam Guide Railing 6" x 6" x 3/16" (Rustic) Note: Excludes splices.	85.37	2.94
		For Shop Curved At <20' Radius, Add	*2.44*	
		For Flush Mounting Directly To Structure, Add	*1.83*	
34 71 13 26-0123		**Box Beam Guide Rail End Treatment Sections** *(34 71 13 26-0115)* Note: Includes rail, end cover plate and hardware only. Excludes posts and splice.		
34 71 13 26-0124	EA	Box Beam End Piece Guide Railing Section Note: Galvanized excludes splices.	810.17	35.05
34 71 13 26-0125	EA	Box Beam End Piece Guide Railing Section (Rustic) Note: Excludes splices.	894.15	35.05
34 71 13 26-0126	EA	Box Beam Guide Railing End Treatment Section At Driveway, Galvanized Note: Excludes splices.	764.36	35.05
34 71 13 26-0127	EA	Box Beam Guide Railing End Treatment Section At Driveway, (Rustic) Note: Excludes splices.	794.90	35.05
34 71 13 26-0128		**Splices For Box Beam Guide Rail** *(34 71 13 26-0115)*		
34 71 13 26-0129	EA	Splice For Box Beam Guide Rail	218.58	52.04
34 71 13 26-0130	EA	Splice For Box Beam Guide Rail (Rustic)	272.02	52.04
34 71 13 26-0131		**Box Beam Guide Rail Posts** *(34 71 13 26-0115)* Note: Includes hardware for box beam mounting.		
34 71 13 26-0132	EA	Standard Post For Box Beam Guide Rail	193.22	53.30
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*14.21*	
34 71 13 26-0133	EA	Standard Post (Rustic) for Box Beam Guide Railing	200.85	53.30
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*14.21*	
34 71 13 26-0134	EA	Extra Long Post For Box Beam Guide Rail	208.49	53.30
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*14.21*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	34 71 13 26-0135	EA	Extra Long Post (Rustic) For Box Beam Guide Rail	216.12	53.30
			For Installation Without Soil Plate, Deduct	*-5.00*	
			For Installation In Rock, Add	*14.21*	
	34 71 13 26-0136	EA	Type I End Assembly Post	185.58	53.30
			For Installation Without Soil Plate, Deduct	*-5.00*	
			For Installation In Rock, Add	*14.21*	
	34 71 13 26-0137	EA	Type I End Assembly Post (Rustic)	193.22	53.30
			For Installation Without Soil Plate, Deduct	*-5.00*	
			For Installation In Rock, Add	*14.21*	
	34 71 13 26-0138	EA	Type II End Assembly Post	177.95	53.30
			For Installation Without Soil Plate, Deduct	*-5.00*	
			For Installation In Rock, Add	*14.21*	
	34 71 13 26-0139	EA	Type II End Assembly Post (Rustic)	185.58	53.30
			For Installation Without Soil Plate, Deduct	*-5.00*	
			For Installation In Rock, Add	*14.21*	
	34 71 13 26-0140		**Box Beam Guide Rail Accessories** *(34 71 13 26-0115)*		
	34 71 13 26-0141	EA	Box Beam Guide Rail End Cover Plate	105.63	10.52
	34 71 13 26-0142	EA	Box Beam Guide Rail End Cover Plate (Rustic)	113.27	10.52
	34 71 13 26-0143		**Box Beam Guide Railing Repair, And Resetting** *(34 71 13 26-0115)*		
			Note: For existing guide rail.		
	34 71 13 26-0144	LF	Removal And Storage Of Box Beam Guide Rail And Post	4.62	
	34 71 13 26-0145	LF	Reset Box Beam Guide Rail	13.48	
	34 71 13 26-0146		**6" x 8" Box Beam Median Barrier** *(34 71 13 26)*		
	34 71 13 26-0147		**Box Beam Median Barrier, 6" x 8"** *(34 71 13 26-0146)*		
	34 71 13 26-0148		**Straight Sections, Box Beam Median Barrier** *(34 71 13 26-0147)*		
	34 71 13 26-0149	LF	Box Beam Median Barrier Galvanized Excludes Splices	87.32	10.52
			For Flush Mounting Directly To Structure, Add	*1.83*	
	34 71 13 26-0150	LF	Box Beam Median Barrier (Rustic) Excludes Splices	94.30	10.52
			For Flush Mounting Directly To Structure, Add	*1.83*	
	34 71 13 26-0151		**Shop Curved, Box Beam Median Barrier** *(34 71 13 26-0147)*		
	34 71 13 26-0152	LF	Shop Curved Box Beam Median Barrier Galvanized	105.66	10.52
			Note: Excludes splices.		
			For Shop Curved At <20' Radius, Add	*2.44*	
			For Flush Mounting Directly To Structure, Add	*1.83*	
	34 71 13 26-0153	LF	Shop Curved Box Beam Median Barrier Rustic	128.57	10.52
			Note: Excludes splices.		
			For Shop Curved At <20' Radius, Add	*2.44*	
			For Flush Mounting Directly To Structure, Add	*1.83*	
	34 71 13 26-0154		**Box Beam Median Barrier End Treatment Sections** *(34 71 13 26-0146)*		
			Note: Includes rail, end cover plate and hardware. Excludes posts.		
	34 71 13 26-0155	EA	Box Beam Median Barrier Type A End Treatment Section, Galvanized	2,634.77	35.05
			Note: Excludes splices and post.		
	34 71 13 26-0156	EA	Box Beam Median Barrier Type A End Treatment Section (Rustic)	2,695.84	35.05
			Note: Excludes splices and post.		
	34 71 13 26-0157	EA	Box Beam Median Barrier Type B End Treatment Section, Galvanized	2,634.77	35.05
			Note: Excludes splices and post.		
	34 71 13 26-0158	EA	Box Beam Median Barrier Type B End Treatment Section (Rustic)	2,695.84	35.05
			Note: Excludes splices and post.		
	34 71 13 26-0159		**Splices For Box Beam Median Barrier** *(34 71 13 26-0146)*		
	34 71 13 26-0160	EA	Splice for Box Beam Median Barrier	205.34	28.04
	34 71 13 26-0161	EA	Splice for Box Beam Median Barrier (Rustic)	319.86	28.04
	34 71 13 26-0162		**Box Beam Median Barrier Posts Driven With Soil Plate** *(34 71 13 26-0146)*		
			Note: Includes all associated hardware.		
	34 71 13 26-0163	EA	Standard Post for Box Beam Median Barrier	193.22	53.30
			For Installation Without Soil Plate, Deduct	*-5.00*	
			For Installation In Rock, Add	*14.21*	
	34 71 13 26-0164	EA	Standard Post (Rustic) for Box Beam Median Barrier	200.85	53.30
			For Installation Without Soil Plate, Deduct	*-5.00*	
			For Installation In Rock, Add	*14.21*	
	34 71 13 26-0165	EA	Extra Long Post for Box Beam Median Barrier	208.49	53.30
			For Installation Without Soil Plate, Deduct	*-5.00*	
			For Installation In Rock, Add	*14.21*	
	34 71 13 26-0166	EA	Extra Long Post (Rustic) for Box Beam Median Barrier	216.12	53.30
			For Installation Without Soil Plate, Deduct	*-5.00*	
			For Installation In Rock, Add	*14.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0167	EA	Type B End Treatment or Rub Back Anchor Post for Box Beam Note: For median barrier.	177.95	53.30
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*14.21*	
34 71 13 26-0168	EA	Type B End Treatment or Rub Back Anchor Post (Rustic) Note: For box beam median barrier.	177.95	53.30
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*14.21*	
34 71 13 26-0169	EA	Type I End Assembly Post for Box Beam Median Barrier to Concrete Note: For median barrier transition.	208.49	53.30
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*14.21*	
34 71 13 26-0170	EA	Type I End Assembly Post (Rustic) for Box Beam Median Barrier Note: For Concrete median barrier transition.	216.12	53.30
		For Installation Without Soil Plate, Deduct	*-5.00*	
		For Installation In Rock, Add	*14.21*	
34 71 13 26-0171		**Box Beam Median Barrier Accessories** *(34 71 13 26-0146)*		
34 71 13 26-0172	EA	Box Beam Median Barrier End Cover Plate	132.82	24.68
34 71 13 26-0173	EA	Box Beam Median Barrier End Cover Plate (Rustic)	140.45	24.68
34 71 13 26-0174		**Box Beam Median Barrier Repair, And Resetting** *(34 71 13 26-0146)* Note: For existing guide rail.		
34 71 13 26-0175	LF	Removal And Storage Of Box Beam Median Barrier and Posts	4.78	
34 71 13 26-0176	LF	Reset Box Beam Median Barrier	14.11	
34 71 13 26-0177		**Universal Guide Rail Items** *(34 71 13 26)*		
34 71 13 26-0178		**Guide Rail Concrete Anchor Units For All Types Of Guide Rail** *(34 71 13 26-0177)* Note: For cast in place or precast. Includes excavation, formwork, concrete, reinforcement, anchor rods and/or imbedded plate. Excludes anchor angle. For anchor angles and other terminal connections, use accessories section for respective guide rail type.		
34 71 13 26-0179	CY	Guide Rail Concrete Anchor Unit	803.34	
		For Each Additional Set Of Anchor Rods, Add	*38.00*	
34 71 13 26-0180	EA	Reset Existing Anchorage Unit for All Types of Guide Rail. Note: Includes excavation and backfill.	536.06	
34 71 13 26-0181	EA	Removal Of Guide Rail Concrete Anchor Unit	577.52	
34 71 13 26-0182		**Guide Rail Repair For All Types Of Existing Guide Rail** *(34 71 13 26-0177)* Note: Includes associated hardware.		
34 71 13 26-0183	EA	Straighten And Reset Driven Post For Guide Rail	71.07	
34 71 13 26-0184	EA	Straighten And Reset Post Mounted On Concrete For Guide Rail Note: With base plate for guide rail. Includes new anchor bolts.	82.06	
34 71 13 26-0185		**Additional Wood and Steel Posts** *(34 71 13 26-0177)*		
34 71 13 26-0186	LF	4" x 6" Wood Post	60.00	17.81
		For Installation In Rock, Add	*4.75*	
34 71 13 26-0187	LF	6" x 8" Wood Post	71.45	17.81
		For Installation In Rock, Add	*4.75*	
34 71 13 26-0188	LF	6" x 7/8" Galvanized Steel Post	45.37	17.81
		For Installation In Rock, Add	*4.75*	
34 71 13 26-0189	EA	Base Plate With Anchor Bolts For Mounting Post On Concrete	414.10	17.80
34 71 13 26-0190		**Accessories For All Types of Guide Rail** *(34 71 13 26-0177)*		
34 71 13 26-0191	EA	Reflector For Guard Rail	49.74	
34 71 13 26-0192		**Guide Rail Transitions** *(34 71 13 26)*		
34 71 13 26-0193		**Transition Box Beam Guide Rail To Corrugated Beam** *(34 71 13 26-0192)*		
34 71 13 26-0194	EA	Box Beam To Corrugated Beam Rail Bolted Section	770.28	
34 71 13 26-0195	EA	Box Beam To Corrugated Beam Rail Bolted Plate Note: For making cable connections.	464.91	
34 71 13 26-0196		**Transition Box Beam Median Barrier To Corrugated Beam Median** *(34 71 13 26-0192)*		
34 71 13 26-0197	EA	Box Beam Median Barrier To Corrugated Beam Bolted Section	785.55	
34 71 13 26-0198	EA	Box Beam Median Barrier To Corrugated Beam Harness Plate Note: For making cable connections.	464.91	
34 71 13 26-0199		**Transition Box Beam Guide Rail To Cable Guide Rail** *(34 71 13 26-0192)*		
34 71 13 26-0200	EA	Box Beam to Cable Guide Rail U-bolt And Plate	107.56	18.70
34 71 13 26-0201		**Transition Box Beam Median Barrier To Concrete Median Barrier** *(34 71 13 26-0192)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0202	EA	Box Beam Median Barrier To Concrete Barrier End Connection	1,075.65	
34 71 13 26-0203		**Transition Thrie Beam To Concrete Median Barrier** *(34 71 13 26-0192)*		
34 71 13 26-0204	EA	Thrie Beam Terminal Connector At Concrete Median Barrier	693.94	
34 71 13 26-0205	EA	Thrie Beam Transition Section To Corrugated Beam Guide Rail	884.79	
34 71 13 26-0206		**Resilient Guard Fence And Light Shield** *(34 71 13 26)*		
34 71 13 26-0207	LF	Resilient Guard Fence And Light Shield, Up To 6' High	91.34	7.18
34 71 13 26-0208		**Individual Concrete Guard Rail Posts** *(34 71 13 26)*		
34 71 13 26-0209	EA	6'-5" Concrete Guard Rail Posts, Round	87.21	7.18
34 71 13 26-0210	EA	6'-5" Concrete Posts, Square	97.57	8.07
34 71 13 26-0211	EA	6'-5" Concrete Posts, Triangular	95.03	8.07
34 71 16		**Impact Attenuating Devices** *(34 71)*		
34 71 16 00-0001		**Guard Rail Energy Absorbing Terminals** *(34 71 16)*		
		Note: Crushable foam cartridges surrounded by steel guardrail for narrow hazards. QuadGuard System as manufactured by Energy Absorption Systems, Inc.		
34 71 16 00-0002		**24" Wide Guard Rail Energy Absorbing Terminals** *(34 71 16 00-0001)*		
34 71 16 00-0003	EA	24" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	34,978.43	3,565.35
34 71 16 00-0004	EA	24" Wide, 5 Cartridge, Bays Energy Absorbing Crash Attenuator	48,567.22	4,753.80
34 71 16 00-0005	EA	24" Wide, 7 Cartridge, Bays Energy Absorbing Crash Attenuator	66,268.86	6,239.37
34 71 16 00-0006	EA	24" Wide, 9 Cartridge, Bays Energy Absorbing Crash Attenuator	73,703.67	7,724.93
34 71 16 00-0007		**30" Wide Guard Rail Energy Absorbing Terminals** *(34 71 16 00-0001)*		
34 71 16 00-0008	EA	30" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	37,674.74	4,011.02
34 71 16 00-0009	EA	30" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	52,467.64	5,348.02
34 71 16 00-0010	EA	30" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	71,997.22	7,130.71
34 71 16 00-0011	EA	30" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	82,479.74	8,616.26
34 71 16 00-0012		**36" Wide Guard Rail Energy Absorbing Terminals** *(34 71 16 00-0001)*		
34 71 16 00-0013	EA	36" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	40,401.85	4,456.69
34 71 16 00-0014	EA	36" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	56,398.11	5,942.25
34 71 16 00-0015	EA	36" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	77,102.25	7,873.49
34 71 16 00-0016	EA	36" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	91,224.06	9,507.60
34 71 16 00-0017		**69" Wide Guard Rail Energy Absorbing Terminals** *(34 71 16 00-0001)*		
34 71 16 00-0018	EA	69" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	43,754.07	4,902.36
34 71 16 00-0019	EA	69" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	60,572.23	6,536.48
34 71 16 00-0020	EA	69" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	83,180.45	8,616.26
34 71 16 00-0021	EA	69" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	97,956.31	10,398.94
34 71 16 00-0022		**90" Wide Guard Rail Energy Absorbing Terminals** *(34 71 16 00-0001)*		
34 71 16 00-0023	EA	90" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	47,197.02	5,348.02
34 71 16 00-0024	EA	90" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	64,852.94	7,130.71
34 71 16 00-0025	EA	90" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	90,066.35	9,507.60
34 71 16 00-0026	EA	90" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	104,875.83	11,290.28
34 71 19		**Vehicle Delineators** *(34 71)*		
34 71 19 16		**Flexible Vehicle Delineators** *(34 71 19)*		
34 71 19 16-0001	EA	2' High, 3" Diameter Flexible Fixed Stanchion Delineator	92.31	8.96
34 71 19 16-0002	EA	3' High, 3" Diameter Flexible Fixed Stanchion Delineator	93.61	8.96
34 71 19 16-0003	EA	3-1/2' High, 3" Diameter Flexible Fixed Stanchion Delineator	94.90	8.96
34 71 19 16-0004	EA	4' High, 3" Diameter Flexible Fixed Stanchion Delineator	96.20	8.96
34 80 Bridges *(34)*				
34 82 Bridge Specialties *(34 80)*				
34 82 23 Bridge Railing *(34 82)*				
34 82 23 00-0001		**Metal Bridge Railing** *(34 82 23)*		
		Note: Includes hardware for bridge rail mounting.		
34 82 23 00-0002	LF	2" x 2" x 1/8" Bridge Railing	39.13	3.63
34 82 23 00-0003	LF	3" x 3" x 5/16" Bridge Railing	67.38	5.65
34 82 23 00-0004	LF	5" x 3" x 1/4" Bridge Railing	86.48	8.29
34 82 23 00-0005	LF	6" x 6" x 3/16" Bridge Railing	114.61	10.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 82 23 00-0006	LF	5" Outside Diameter x 1/4" Bridge Railing	92.23	8.05
34 82 23 00-0007		**Bridge Post** *(34 82 23)*		
		Note: Includes hardware for bridge post mounting.		
34 82 23 00-0008	EA	6" x 9" x 5'-6" Bridge Post	165.90	49.73
34 82 23 00-0009	EA	6" x 9" x 7' Bridge Post	204.00	52.85
34 82 23 00-0010	EA	Two Rail With Base Plate Bridge Post Assembly	462.51	93.25
34 82 23 00-0011	EA	Two Rail With Curb Bridge Post Assembly	564.02	99.47
34 82 23 00-0012	EA	Two Rail (Curbless) Bridge Post Assembly	516.93	99.47
34 82 23 00-0013	EA	Two Rail With Optional Handrail Bridge Post Assembly	617.18	99.47
34 82 23 00-0014	EA	Three Rail With Base Plate Bridge Post Assembly	480.16	99.47
34 82 23 00-0015	EA	Three Rail With Curb Bridge Post Assembly	645.57	102.57
34 82 23 00-0016	EA	Three Rail (Curbless) Bridge Post Assembly	633.16	102.57
34 82 23 00-0017	EA	Three Rail With Optional Handrail Bridge Post Assembly	774.13	102.57
34 82 23 00-0018	EA	Four Rail (Curbless) With Base Plate Bridge Post	532.68	105.68
34 82 23 00-0019	EA	Four Rail With Base Plate (Sidewalk Type) Bridge Post	532.81	105.68
34 82 23 00-0020	EA	Four Rail With Curb Bridge Post Assembly	784.76	105.68
34 82 23 00-0021	EA	Four Rail (Curbless) Bridge Post Assembly	805.23	105.68
34 82 23 00-0022	EA	Five Rail With Base Plate (Curbless) Bridge Post Assembly	591.05	111.90
34 82 23 00-0023		**Bridge Railing Splices** *(34 82 23)*		
		Note: Includes hardware for splices.		
34 82 23 00-0024	EA	5" Outside Diameter Bridge Railing Splice	238.96	23.92
34 82 23 00-0025	EA	5" x 3" Bridge Railing Splice	143.66	20.93
34 82 23 00-0026	EA	3" x 3" Bridge Railing Splice	88.88	14.95
34 82 23 00-0027	EA	2" x 2" Bridge Railing Splice	45.99	10.76
34 82 23 00-0028	EA	5" x 5" x 3' Expansion Splice Tube	182.58	23.12
34 82 23 00-0029	EA	4" x 2" x 3' Expansion Splice Bar	194.09	23.12
34 82 23 00-0030	EA	5" x 5" x 2' Fixed Splice Tube	167.45	23.12
34 82 23 00-0031	EA	4" x 2" x 2' Fixed Splice Bar	171.61	23.12
34 82 23 00-0032	EA	6" x 6' x 3/16" Box x 9' Flare Tube	246.54	31.24
34 82 23 00-0033		**Transition For Bridge Railing** *(34 82 23)*		
		Note: Includes hardware for transition for bridge railing.		
34 82 23 00-0034	EA	Two Rail Box Beam To Bridge Transition With Splices	1,004.62	124.33
34 82 23 00-0035	EA	Three Rail Box Beam To Bridge Transition With Splices	1,068.61	130.55
34 82 23 00-0036	EA	Four Rail Box Beam To Bridge Transition With Splices	1,241.60	136.76
34 82 23 00-0037	EA	6" x 6" x 16-1/2' Bottom Transition Tube	427.21	62.17
34 82 23 00-0038	EA	6" x 6" x 22' Bottom Transition Tube	524.25	68.38
34 82 23 00-0039	EA	8" x 6" x 16-1/2' Bottom Transition Tube	494.95	62.17
34 82 23 00-0040	EA	6" x 6" x 16-1/2' Top Transition Tube	437.39	62.17
34 82 23 00-0041	EA	6" x 6" x 21-1/2' Top Transition Tube	515.84	68.38
34 82 23 00-0042	EA	8" x 6" x 16-1/2' Top Transition Tube	507.59	62.17
34 82 23 00-0043	EA	6" x 6" x 16-1/2' Middle Transition Tube	413.25	62.17
34 82 23 00-0044	EA	8" x 6" x 16-1/2' Middle Transition Tube	501.27	62.17
34 82 23 00-0045		**Anchor Plates And End Caps For Bridge Railing** *(34 82 23)*		
34 82 23 00-0046	EA	14" x 14" Bridge Railing Anchor Plate	45.00	5.98
34 82 23 00-0047	EA	18" x 22" Deck Anchor Plate	269.58	29.90
34 82 23 00-0048	EA	2" x 2" Bridge Railing End Cap	35.93	3.00
34 82 23 00-0049	EA	3" x 3" Bridge Railing End Cap	22.85	3.00
34 82 23 00-0050	EA	5" O.D Bridge Railing End Cap	22.69	3.00
34 82 26		**Bridge Slope Protection** *(34 82)*		
34 82 26 00-0001		**Bridge Slope Protection** *(34 82 26)*		
		Note: Solid concrete masonry unit installed in sand bedding.		
34 82 26 00-0002	SF	8" x 16" x 4" Solid Concrete Block, Bridge Slope Protection	13.46	4.94
34 82 26 00-0003	SF	8" x 16" x 6" Solid Concrete Block, Bridge Slope Protection	16.23	5.44
34 82 26 00-0004	SF	8" x 16" x 8" Solid Concrete Block, Bridge Slope Protection	18.04	5.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

35 Waterway and Marine Construction

35 05 Common Work Results for Waterway and Marine Construction *(35)*

35 05 70 Common Work Results for Dams *(35 05)*

35 05 70 00-0001 Rubber Dam Repair *(35 05 70)*

35 05 70 00-0002	EA	Class A Rubber Dam Repair (Bullet And Similar Holes)		38.21	
35 05 70 00-0003	SF	Class B Rubber Dam Repair (Minor Surface Rubber Damage)		76.26	
35 05 70 00-0004	SF	Class C Rubber Dam Repair (Major Surface Rubber Damage)		111.59	
35 05 70 00-0005	SF	Class D Rubber Dam Repair (Serious Surface Rubber Damage), Per Layer Of Material		124.70	

35 20 Waterway and Marine Construction and Equipment *(35)*

35 22 Hydraulic Gates *(35 20)*

35 22 26 Sluice Gates *(35 22)*

35 22 26 00-0001 Heavy Duty Cast Iron Sluice Gates Self Contained *(35 22 26)*
Note: Includes crank operated geared gate lift, anchor bolts, and grouting.

35 22 26 00-0002	EA	18" x 18" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	10,450.83	1,197.33
		For Electric Motor Operated Valve, Add	*1,089.48*	
35 22 26 00-0003	EA	24" x 24" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	14,964.03	1,796.05
		For Electric Motor Operated Valve, Add	*1,209.21*	
35 22 26 00-0004	EA	30" x 30" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	18,130.51	2,052.63
		For Electric Motor Operated Valve, Add	*1,260.53*	
35 22 26 00-0005	EA	36" x 36" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	20,681.79	2,245.07
		For Electric Motor Operated Valve, Add	*1,299.02*	
35 22 26 00-0006	EA	42" x 42" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	23,208.05	2,565.79
		For Electric Motor Operated Valve, Add	*1,363.16*	
35 22 26 00-0007	EA	48" x 48" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	32,478.12	4,105.27
		For Electric Motor Operated Valve, Add	*1,671.05*	
35 22 26 00-0008	EA	54" x 54" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	43,295.71	5,131.59
		For Electric Motor Operated Valve, Add	*1,876.32*	
35 22 26 00-0009	EA	60" x 60" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	50,453.90	6,799.36
		For Electric Motor Operated Valve, Add	*2,209.87*	
35 22 26 00-0010	EA	66" x 66" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	62,779.06	8,980.28
		For Electric Motor Operated Valve, Add	*2,646.06*	
35 22 26 00-0011	EA	72" x 72" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	65,864.93	10,263.18
		For Electric Motor Operated Valve, Add	*2,902.64*	
35 22 26 00-0012	EA	78" x 78" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	73,957.43	10,263.18
		For Electric Motor Operated Valve, Add	*3,302.64*	
35 22 26 00-0013	EA	84" x 84" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	85,801.62	11,546.07
		For Electric Motor Operated Valve, Add	*3,559.22*	
35 22 26 00-0014	EA	90" x 90" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	103,231.72	13,279.98
		For Electric Motor Operated Valve, Add	*3,906.00*	
35 22 26 00-0015	EA	96" x 96" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	116,448.08	13,912.36
		For Electric Motor Operated Valve, Add	*4,032.47*	
35 22 26 00-0016	EA	108" x 108" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	144,370.18	16,441.88
		For Electric Motor Operated Valve, Add	*4,538.38*	
35 22 26 00-0017	EA	120" x 120" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	178,366.22	20,236.16
		For Electric Motor Operated Valve, Add	*5,297.23*	
35 22 26 00-0018	EA	132" x 132" Heavy Duty Sluice Gates Self Contained With Crank Operated Gate	217,782.80	22,765.68
		For Electric Motor Operated Valve, Add	*5,803.14*	

35 22 59 Hydraulic Closure Gates *(35 22)*

35 22 59 00-0001 Steel Slide Gates Self Contained *(35 22 59)*
Note: Includes anchors and bolts.

35 22 59 00-0002	EA	12" x 12" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	3,590.79	449.02
		For Electric Motor Operated Valve, Add	*939.80*	
35 22 59 00-0003	EA	18" x 18" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	4,794.25	513.16
		For Electric Motor Operated Valve, Add	*952.63*	
35 22 59 00-0004	EA	24" x 24" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	5,468.99	598.73
		For Electric Motor Operated Valve, Add	*969.74*	
35 22 59 00-0005	EA	30" x 30" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	6,609.28	718.42
		For Electric Motor Operated Valve, Add	*993.69*	
35 22 59 00-0006	EA	36" x 36" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	8,460.16	898.03
		For Electric Motor Operated Valve, Add	*1,029.61*	
35 22 59 00-0007	EA	42" x 42" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	9,901.56	1,197.33
		For Electric Motor Operated Valve, Add	*1,089.48*	
35 22 59 00-0008	EA	48" x 48" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	13,559.21	1,796.05
		For Electric Motor Operated Valve, Add	*1,209.21*	
35 22 59 00-0009	EA	54" x 54" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	20,632.21	2,245.07
		For Electric Motor Operated Valve, Add	*1,299.02*	
35 22 59 00-0010	EA	60" x 60" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	26,847.22	3,592.11
		For Electric Motor Operated Valve, Add	*1,568.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
35 22 59 00-0011	EA	72" x 72" Steel Slide Gates Self Contained Including Anchor Bolts And Grouting	34,072.78	5,986.90
		For Electric Motor Operated Valve, Add	*2,047.37*	
35 22 59 00-0012	SF	Over 36 SF Steel Slide Gates Self Contained Including Anchor	945.05	165.50
		For Electric Motor Operated Valve, Add	*1,583.10*	
35 22 59 00-0013		**Stainless Steel, Slide Gates, Frame Assembly Only** *(35 22 59)*		
35 22 59 00-0014	EA	24" x 24" Stainless Steel Slide Gate, Frame Assembly Only	18,219.89	586.29
35 22 59 00-0015	EA	30" x 30" Stainless Steel Slide Gate, Frame Assembly Only	22,527.64	732.53
35 22 59 00-0016	EA	36" x 36" Stainless Steel Slide Gate, Frame Assembly Only	28,730.92	892.89
35 22 59 00-0017	EA	48" x 48" Stainless Steel Slide Gate, Frame Assembly Only	43,844.64	1,710.11
35 22 59 00-0018	EA	60" x 60" Stainless Steel Slide Gate, Frame Assembly Only	64,566.00	3,731.95
35 22 59 00-0019	EA	72" x 72" Stainless Steel Slide Gate, Frame Assembly Only	84,806.07	5,701.19
35 22 59 00-0020	EA	84" x 84" Stainless Steel Slide Gate, Frame Assembly Only	128,157.14	7,127.78
35 22 59 00-0021	Day	Start Up And Training, Stainless Steel Slide Gate, Frame Assembly	3,416.58	
35 22 59 00-0022		**Aluminum Flap Gates** *(35 22 59)*		
35 22 59 00-0023	EA	18" Diameter Aluminum Flap Gates	3,480.08	449.02
		For Electric Motor Operated Valve, Add	*939.80*	
35 22 59 00-0024	EA	20" Diameter Aluminum Flap Gates	3,874.39	481.08
		For Electric Motor Operated Valve, Add	*946.21*	
35 22 59 00-0025	EA	24" Diameter Aluminum Flap Gates	4,265.22	513.16
		For Electric Motor Operated Valve, Add	*952.63*	
35 22 59 00-0026	EA	30" Diameter Aluminum Flap Gates	5,788.23	598.73
		For Electric Motor Operated Valve, Add	*969.74*	
35 22 59 00-0027	EA	36" Diameter Aluminum Flap Gates	7,177.10	718.42
		For Electric Motor Operated Valve, Add	*993.69*	
35 22 59 00-0028	EA	42" Diameter Aluminum Flap Gates	10,165.91	898.03
		For Electric Motor Operated Valve, Add	*1,029.61*	
35 22 59 00-0029	EA	48" Diameter Aluminum Flap Gates	12,859.19	1,197.33
		For Electric Motor Operated Valve, Add	*1,089.48*	
35 22 59 00-0030	EA	54" Diameter Aluminum Flap Gates	16,622.03	1,796.05
		For Electric Motor Operated Valve, Add	*1,209.21*	
35 22 59 00-0031	EA	60" Diameter Aluminum Flap Gates	21,961.56	2,565.79
		For Electric Motor Operated Valve, Add	*1,363.16*	
35 22 59 00-0032	EA	66" Diameter Aluminum Flap Gates	28,383.91	3,592.11
		For Electric Motor Operated Valve, Add	*1,568.42*	
35 22 59 00-0033	EA	72" Diameter Aluminum Flap Gates	35,358.72	5,131.59
		For Electric Motor Operated Valve, Add	*1,876.32*	
35 22 59 00-0034		**Stainless Steel Flap Gates** *(35 22 59)*		
35 22 59 00-0035	EA	12" x 12" Stainless Steel Flap Gate	7,356.55	384.87
		For Electric Motor Operated Valve, Add	*926.97*	
35 22 59 00-0036	EA	18" x 18" Stainless Steel Flap Gate	9,426.89	449.02
		For Electric Motor Operated Valve, Add	*939.80*	
35 22 59 00-0037	EA	24" x 24" Stainless Steel Flap Gate	12,153.58	513.16
		For Electric Motor Operated Valve, Add	*952.63*	
35 22 59 00-0038	EA	30" x 30" Stainless Steel Flap Gate	15,825.73	599.12
		For Electric Motor Operated Valve, Add	*969.74*	
35 22 59 00-0039	EA	36" x 36" Stainless Steel Flap Gate	23,497.17	718.42
		For Electric Motor Operated Valve, Add	*993.69*	
35 22 59 00-0040	EA	48" x 48" Stainless Steel Flap Gate	34,411.70	1,196.95
		For Electric Motor Operated Valve, Add	*1,089.48*	
35 22 59 00-0041	EA	60" x 60" Stainless Steel Flap Gate	52,684.99	2,565.79
		For Electric Motor Operated Valve, Add	*1,363.16*	
35 22 59 00-0042	EA	72" x 72" Stainless Steel Flap Gate	76,311.07	5,131.59
		For Electric Motor Operated Valve, Add	*1,876.32*	
35 22 59 00-0043	EA	84" x 84" Stainless Steel Flap Gate	109,569.63	10,263.18
		For Electric Motor Operated Valve, Add	*2,902.64*	
35 22 59 00-0044		**Cast Iron Flap Gates** *(35 22 59)*		
35 22 59 00-0045	EA	12" x 12" Cast Iron Flap Gate	13,059.57	481.08
		For Electric Motor Operated Valve, Add	*946.22*	
35 22 59 00-0046	EA	18" x 18" Cast Iron Flap Gate	18,358.28	561.91
		For Electric Motor Operated Valve, Add	*962.25*	
35 22 59 00-0047	EA	24" x 24" Cast Iron Flap Gate	23,445.72	641.45
		For Electric Motor Operated Valve, Add	*978.29*	
35 22 59 00-0048	EA	30" x 30" Cast Iron Flap Gate	32,893.27	747.93
		For Electric Motor Operated Valve, Add	*999.67*	
35 22 59 00-0049	EA	36" x 36" Cast Iron Flap Gate	37,139.67	898.03
		For Electric Motor Operated Valve, Add	*1,029.61*	
35 22 59 00-0050	EA	48" x 48" Cast Iron Flap Gate	46,127.75	1,497.14
		For Electric Motor Operated Valve, Add	*1,149.34*	
35 22 59 00-0051	EA	60" x 60" Cast Iron Flap Gate	78,952.87	2,822.37
		For Electric Motor Operated Valve, Add	*1,414.48*	
35 22 59 00-0052	EA	72" x 72" Cast Iron Flap Gate	125,668.17	5,516.46
		For Electric Motor Operated Valve, Add	*1,953.29*	
35 22 59 00-0053	EA	84" x 84" Cast Iron Flap Gate	145,628.47	10,776.34
		For Electric Motor Operated Valve, Add	*3,005.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
35 22 59 00-0054		**Steel Knife Gates Including Handwheel Operator** *(35 22 59)*		
		Note: ANSI 150 PSI. for hub, flange, or spigot ends.		
35 22 59 00-0055	EA	6" Diameter Knife Gates Including Handwheel Operator For Hub	1,830.53	159.77
		For Electric Motor Operated Valve, Add	*881.95*	
35 22 59 00-0056	EA	8" Diameter Knife Gates Including Handwheel Operator For Hub	2,460.36	186.36
		For Electric Motor Operated Valve, Add	*887.28*	
35 22 59 00-0057	EA	10" Diameter Knife Gates Including Handwheel Operator For Hub	3,457.93	279.60
		For Electric Motor Operated Valve, Add	*905.92*	
35 22 59 00-0058	EA	12" Diameter Knife Gates Including Handwheel Operator For Hub	4,320.31	372.85
		For Electric Motor Operated Valve, Add	*924.56*	
35 22 59 00-0059	EA	14" Diameter Knife Gates Including Handwheel Operator For Hub	5,292.09	399.44
		For Electric Motor Operated Valve, Add	*929.89*	
35 22 59 00-0060	EA	16" Diameter Knife Gates Including Handwheel Operator For Hub	6,848.63	430.14
		For Electric Motor Operated Valve, Add	*936.03*	
35 22 59 00-0061	EA	18" Diameter Knife Gates Including Handwheel Operator For Hub	9,101.82	447.37
		For Electric Motor Operated Valve, Add	*939.47*	
35 22 59 00-0062	EA	20" Diameter Knife Gates Including Handwheel Operator For Hub	11,378.98	508.42
		For Electric Motor Operated Valve, Add	*951.67*	
35 22 59 00-0063	EA	24" Diameter Knife Gates Including Handwheel Operator For Hub	14,586.15	559.21
		For Electric Motor Operated Valve, Add	*961.84*	
35 22 59 00-0064	EA	30" Diameter Knife Gates Including Handwheel Operator For Hub	26,541.92	745.57
		For Electric Motor Operated Valve, Add	*999.12*	
35 22 59 00-0065	EA	36" Diameter Knife Gates Including Handwheel Operator For Hub	35,315.68	1,118.42
		For Electric Motor Operated Valve, Add	*1,073.68*	
35 22 59 00-0066		**Steel Hollow Jet Flow Gate Valve** *(35 22 59)*		
35 22 59 00-0067	EA	6" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	1,714.19	179.61
		For Electric Motor Operated Valve, Add	*885.92*	
35 22 59 00-0068	EA	8" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	2,649.46	209.75
		For Electric Motor Operated Valve, Add	*891.95*	
35 22 59 00-0069	EA	10" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	3,185.78	314.31
		For Electric Motor Operated Valve, Add	*912.86*	
35 22 59 00-0070	EA	12" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	4,062.78	418.87
		For Electric Motor Operated Valve, Add	*933.79*	
35 22 59 00-0071	EA	14" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	6,102.88	449.02
		For Electric Motor Operated Valve, Add	*939.80*	
35 22 59 00-0072	EA	16" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	7,357.09	483.65
		For Electric Motor Operated Valve, Add	*946.73*	
35 22 59 00-0073	EA	18" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	12,345.53	502.89
		For Electric Motor Operated Valve, Add	*950.59*	
35 22 59 00-0074	EA	20" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	15,522.69	571.53
		For Electric Motor Operated Valve, Add	*964.31*	
35 22 59 00-0075	EA	24" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	22,311.78	628.62
		For Electric Motor Operated Valve, Add	*975.74*	
35 22 59 00-0076	EA	30" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	27,335.92	838.38
		For Electric Motor Operated Valve, Add	*1,017.67*	
35 22 59 00-0077	EA	36" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	39,013.02	1,257.24
		For Electric Motor Operated Valve, Add	*1,101.41*	
35 22 59 00-0078	EA	42" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	46,498.40	1,539.48
		For Electric Motor Operated Valve, Add	*1,557.97*	
35 22 59 00-0079	EA	48" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	55,136.33	1,796.05
		For Electric Motor Operated Valve, Add	*1,609.21*	
35 22 59 00-0080	EA	54" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	72,603.90	2,245.07
		For Electric Motor Operated Valve, Add	*1,699.02*	
35 22 59 00-0081	EA	60" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	80,873.38	2,694.08
		For Electric Motor Operated Valve, Add	*1,789.03*	
35 22 59 00-0082	EA	66" Diameter Jet Flow Gate Valve Including Handwheel Operator For Hub	103,224.02	3,720.40
		For Electric Motor Operated Valve, Add	*1,994.63*	
35 22 59 00-0083		**Steel Dish Head Valve** *(35 22 59)*		
35 22 59 00-0084	EA	12" Diameter Dish Head Valve	2,189.41	449.02
35 22 59 00-0085	EA	18" Diameter Dish Head Valve	3,151.62	513.16
35 22 59 00-0086	EA	20" Diameter Dish Head Valve	3,627.89	561.27
35 22 59 00-0087	EA	24" Diameter Dish Head Valve	4,270.96	598.73
35 22 59 00-0088	EA	30" Diameter Dish Head Valve	6,397.48	718.42
35 22 59 00-0089	EA	36" Diameter Dish Head Valve	7,886.05	898.03
35 22 59 00-0090	EA	42" Diameter Dish Head Valve	13,202.35	1,197.33
35 22 59 00-0091	EA	48" Diameter Dish Head Valve	17,296.99	1,796.05
35 22 59 00-0092	EA	54" Diameter Dish Head Valve	24,556.65	2,245.07
35 22 59 00-0093	EA	60" Diameter Dish Head Valve	31,639.53	3,592.11
35 22 59 00-0094	EA	66" Diameter Dish Head Valve	43,766.66	4,490.15
35 22 59 00-0095	EA	72" Diameter Dish Head Valve	53,355.20	5,986.90
35 22 63		**Through-Levee Access Gates** *(35 22)*		
35 22 63 00-0001		**Cast Iron Canal Gates** *(35 22 63)*		
35 22 63 00-0002	EA	12" Diameter Cast Iron Canal Gates With Fabricated Frame	2,351.22	449.02
		For Electric Motor Operated Valve, Add	*939.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
35 22 63 00-0003	EA	18" Diameter Cast Iron Canal Gates With Fabricated Frame	3,417.92	513.16
		For Electric Motor Operated Valve, Add	*952.63*	
35 22 63 00-0004	EA	20" Diameter Cast Iron Canal Gates With Fabricated Frame	3,906.65	561.27
		For Electric Motor Operated Valve, Add	*962.25*	
35 22 63 00-0005	EA	24" Diameter Cast Iron Canal Gates With Fabricated Frame	4,656.08	598.73
		For Electric Motor Operated Valve, Add	*969.74*	
35 22 63 00-0006	EA	30" Diameter Cast Iron Canal Gates With Fabricated Frame	7,019.05	718.42
		For Electric Motor Operated Valve, Add	*993.69*	
35 22 63 00-0007	EA	36" Diameter Cast Iron Canal Gates With Fabricated Frame	8,649.12	898.03
		For Electric Motor Operated Valve, Add	*1,029.61*	
35 22 63 00-0008	EA	42" Diameter Cast Iron Canal Gates With Fabricated Frame	14,556.54	1,197.33
		For Electric Motor Operated Valve, Add	*1,089.48*	
35 22 63 00-0009	EA	48" Diameter Cast Iron Canal Gates With Fabricated Frame	19,014.20	1,796.05
		For Electric Motor Operated Valve, Add	*1,209.21*	
35 22 63 00-0010	EA	54" Diameter Cast Iron Canal Gates With Fabricated Frame	27,070.96	2,245.07
		For Electric Motor Operated Valve, Add	*1,299.02*	
35 22 63 00-0011	EA	60" Diameter Cast Iron Canal Gates With Fabricated Frame	34,703.76	3,592.11
		For Electric Motor Operated Valve, Add	*1,568.42*	
35 22 63 00-0012	EA	66" Diameter Cast Iron Canal Gates With Fabricated Frame	48,125.36	4,490.15
		For Electric Motor Operated Valve, Add	*1,748.03*	
35 22 63 00-0013	EA	72" Diameter Cast Iron Canal Gates With Fabricated Frame	56,829.74	5,131.59
		For Electric Motor Operated Valve, Add	*1,876.32*	

35 24 Dredging *(35 20)*

35 24 23 Clamshell Dredging *(35 24)*

35 24 23 00-0001 Dredging, Barge Mounted *(35 24 23)*

See CSI section 01 74 19 00-0048 for hauling material from shore or barge, 31 23 16 33-0019 for loading.

35 24 23 00-0002	EA	Dredge Excavation Mobilization And Demobilization	23,488.40
		For Inlet Rivers And Canals, Deduct	*-5,872.10*
35 24 23 00-0003	CY	Barge Mounted Clamshell Excavation Into Scows, Dumping Up To 10 Miles Note: Includes tugboat to move scows or barge.	26.10
35 24 23 00-0004	CY	Barge Mounted Dragline Or Clamshell, Hopper Dumped, Pumped 1,000' To Shore. Note: Includes tugboat to move barge.	23.49
35 24 23 00-0005	CY	Hydraulic Dredge Excavation Into Scows, Dumping Up To 10 Miles Note: Includes tugboat to move scows or barge.	26.00
35 24 23 00-0006	CY	Hydraulic Dredge Excavation, Pumped 1,000' To Shore Note: Includes tugboat to move barge.	21.81

35 24 26 Backhoe/Dipper Dredging *(35 24)*

35 24 26 00-0001 Dredging, Shoreline Excavators *(35 24 26)*

35 24 26 00-0002	CY	Back Hoe, 1 CY Bucket, Dredging From Shore	15.26
35 24 26 00-0003	CY	Hydraulic Excavator, 2 CY Bucket, Dredging From Shore	10.24

END OF SECTION 35

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

40 Process Interconnections

40 05 Common Work Results For Process Interconnections *(40)*

40 05 19 Ductile Iron Process Pipe *(40 05)*

40 05 19 00-0001 Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Piping *(40 05 19)*

Note: C110 Fittings, 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be cement lined in accordance with ANSI/AWWA C104/A21.04. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-4062 for bolts, 40 05 19 00-4077 for gaskets.

40 05 19 00-0002 Flanged End (FxF), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-0003 4" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0004	EA	4" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		805.44	215.42
		For Class 52 Rating, Deduct		*-52.69*	
		For Class 54 Rating, Add		*75.77*	
		For Class 55 Rating, Add		*114.66*	
		For Class 56 Rating, Add		*153.07*	
40 05 19 00-0005	EA	4" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		862.40	219.19
		For Class 52 Rating, Deduct		*-58.33*	
		For Class 54 Rating, Add		*83.53*	
		For Class 55 Rating, Add		*126.23*	
		For Class 56 Rating, Add		*168.39*	
40 05 19 00-0006	EA	4" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		919.36	222.95
		For Class 52 Rating, Deduct		*-63.97*	
		For Class 54 Rating, Add		*91.29*	
		For Class 55 Rating, Add		*137.79*	
		For Class 56 Rating, Add		*183.72*	
40 05 19 00-0007	EA	4" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		976.33	226.72
		For Class 52 Rating, Deduct		*-69.61*	
		For Class 54 Rating, Add		*99.04*	
		For Class 55 Rating, Add		*149.36*	
		For Class 56 Rating, Add		*199.05*	
40 05 19 00-0008	EA	4" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,033.28	230.49
		For Class 52 Rating, Deduct		*-75.25*	
		For Class 54 Rating, Add		*106.80*	
		For Class 55 Rating, Add		*160.93*	
		For Class 56 Rating, Add		*214.37*	
40 05 19 00-0009	EA	4" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,090.25	234.25
		For Class 52 Rating, Deduct		*-80.89*	
		For Class 54 Rating, Add		*114.56*	
		For Class 55 Rating, Add		*172.49*	
		For Class 56 Rating, Add		*229.70*	
40 05 19 00-0010	EA	4" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,147.21	238.01
		For Class 52 Rating, Deduct		*-86.52*	
		For Class 54 Rating, Add		*122.31*	
		For Class 55 Rating, Add		*184.06*	
		For Class 56 Rating, Add		*245.02*	
40 05 19 00-0011	EA	4" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,204.17	241.79
		For Class 52 Rating, Deduct		*-92.16*	
		For Class 54 Rating, Add		*130.07*	
		For Class 55 Rating, Add		*195.63*	
		For Class 56 Rating, Add		*260.35*	
40 05 19 00-0012	EA	4" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,261.13	245.55
		For Class 52 Rating, Deduct		*-97.80*	
		For Class 54 Rating, Add		*137.83*	
		For Class 55 Rating, Add		*207.19*	
		For Class 56 Rating, Add		*275.67*	
40 05 19 00-0013	EA	4" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,318.09	249.31
		For Class 52 Rating, Deduct		*-103.44*	
		For Class 54 Rating, Add		*145.58*	
		For Class 55 Rating, Add		*218.76*	
		For Class 56 Rating, Add		*291.00*	
40 05 19 00-0014	EA	4" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,375.04	253.08
		For Class 52 Rating, Deduct		*-109.07*	
		For Class 54 Rating, Add		*153.34*	
		For Class 55 Rating, Add		*230.33*	
		For Class 56 Rating, Add		*306.32*	
40 05 19 00-0015	EA	4" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,432.01	256.85
		For Class 52 Rating, Deduct		*-114.71*	
		For Class 54 Rating, Add		*161.10*	
		For Class 55 Rating, Add		*241.90*	
		For Class 56 Rating, Add		*321.65*	
40 05 19 00-0016	EA	4" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,488.96	260.61
		For Class 52 Rating, Deduct		*-120.35*	
		For Class 54 Rating, Add		*168.85*	
		For Class 55 Rating, Add		*253.46*	
		For Class 56 Rating, Add		*336.97*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0017	EA	4" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,545.93	264.38
		For Class 52 Rating, Deduct	*-125.99*	
		For Class 54 Rating, Add	*176.61*	
		For Class 55 Rating, Add	*265.03*	
		For Class 56 Rating, Add	*352.30*	
40 05 19 00-0018	EA	4" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,602.90	268.14
		For Class 52 Rating, Deduct	*-131.63*	
		For Class 54 Rating, Add	*184.37*	
		For Class 55 Rating, Add	*276.60*	
		For Class 56 Rating, Add	*367.63*	
40 05 19 00-0019	EA	4" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,659.85	271.91
		For Class 52 Rating, Deduct	*-137.27*	
		For Class 54 Rating, Add	*192.12*	
		For Class 55 Rating, Add	*288.16*	
		For Class 56 Rating, Add	*382.95*	
40 05 19 00-0020	EA	4" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,716.82	275.68
		For Class 52 Rating, Deduct	*-142.90*	
		For Class 54 Rating, Add	*199.88*	
		For Class 55 Rating, Add	*299.73*	
		For Class 56 Rating, Add	*398.28*	
40 05 19 00-0021	EA	4" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,773.78	279.44
		For Class 52 Rating, Deduct	*-148.54*	
		For Class 54 Rating, Add	*207.64*	
		For Class 55 Rating, Add	*311.30*	
		For Class 56 Rating, Add	*413.60*	
40 05 19 00-0022	EA	4" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,830.74	283.21
		For Class 52 Rating, Deduct	*-154.18*	
		For Class 54 Rating, Add	*215.40*	
		For Class 55 Rating, Add	*322.86*	
		For Class 56 Rating, Add	*428.93*	
40 05 19 00-0023	EA	4" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,887.70	286.98
		For Class 52 Rating, Deduct	*-159.82*	
		For Class 54 Rating, Add	*223.15*	
		For Class 55 Rating, Add	*334.43*	
		For Class 56 Rating, Add	*444.26*	
40 05 19 00-0024	EA	4" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,944.67	290.74
		For Class 52 Rating, Deduct	*-165.46*	
		For Class 54 Rating, Add	*230.91*	
		For Class 55 Rating, Add	*346.00*	
		For Class 56 Rating, Add	*459.58*	
40 05 19 00-0025	EA	4" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,001.62	294.51
		For Class 52 Rating, Deduct	*-171.09*	
		For Class 54 Rating, Add	*238.66*	
		For Class 55 Rating, Add	*357.56*	
		For Class 56 Rating, Add	*474.91*	
40 05 19 00-0026	EA	4" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,058.59	298.28
		For Class 52 Rating, Deduct	*-176.73*	
		For Class 54 Rating, Add	*246.42*	
		For Class 55 Rating, Add	*369.13*	
		For Class 56 Rating, Add	*490.23*	
40 05 19 00-0027	EA	4" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,115.55	302.04
		For Class 52 Rating, Deduct	*-182.37*	
		For Class 54 Rating, Add	*254.18*	
		For Class 55 Rating, Add	*380.70*	
		For Class 56 Rating, Add	*505.56*	
40 05 19 00-0028	EA	4" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,172.51	305.81
		For Class 52 Rating, Deduct	*-188.01*	
		For Class 54 Rating, Add	*261.94*	
		For Class 55 Rating, Add	*392.27*	
		For Class 56 Rating, Add	*520.89*	
40 05 19 00-0029	EA	4" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,229.47	309.57
		For Class 52 Rating, Deduct	*-193.65*	
		For Class 54 Rating, Add	*269.69*	
		For Class 55 Rating, Add	*403.83*	
		For Class 56 Rating, Add	*536.21*	
40 05 19 00-0030	EA	4" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,286.44	313.34
		For Class 52 Rating, Deduct	*-199.28*	
		For Class 54 Rating, Add	*277.45*	
		For Class 55 Rating, Add	*415.40*	
		For Class 56 Rating, Add	*551.54*	
40 05 19 00-0031	EA	4" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,343.40	317.11
		For Class 52 Rating, Deduct	*-204.92*	
		For Class 54 Rating, Add	*285.21*	
		For Class 55 Rating, Add	*426.97*	
		For Class 56 Rating, Add	*566.86*	
40 05 19 00-0032	EA	4" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,400.36	320.87
		For Class 52 Rating, Deduct	*-210.56*	
		For Class 54 Rating, Add	*292.96*	
		For Class 55 Rating, Add	*438.53*	
		For Class 56 Rating, Add	*582.19*	
40 05 19 00-0033	EA	4" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,457.32	324.63
		For Class 52 Rating, Deduct	*-216.20*	
		For Class 54 Rating, Add	*300.72*	
		For Class 55 Rating, Add	*450.10*	
		For Class 56 Rating, Add	*597.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0034	EA	4" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,514.28	328.41
		For Class 52 Rating, Deduct	*-221.84*	
		For Class 54 Rating, Add	*308.48*	
		For Class 55 Rating, Add	*461.67*	
		For Class 56 Rating, Add	*612.84*	
40 05 19 00-0035	EA	4" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,571.25	332.17
		For Class 52 Rating, Deduct	*-227.48*	
		For Class 54 Rating, Add	*316.23*	
		For Class 55 Rating, Add	*473.23*	
		For Class 56 Rating, Add	*628.17*	
40 05 19 00-0036	EA	4" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,628.20	335.93
		For Class 52 Rating, Deduct	*-233.11*	
		For Class 54 Rating, Add	*323.99*	
		For Class 55 Rating, Add	*484.80*	
		For Class 56 Rating, Add	*643.49*	
40 05 19 00-0037	EA	4" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,685.17	339.70
		For Class 52 Rating, Deduct	*-238.75*	
		For Class 54 Rating, Add	*331.75*	
		For Class 55 Rating, Add	*496.37*	
		For Class 56 Rating, Add	*658.82*	
40 05 19 00-0038	EA	4" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,742.13	343.47
		For Class 52 Rating, Deduct	*-244.39*	
		For Class 54 Rating, Add	*339.50*	
		For Class 55 Rating, Add	*507.93*	
		For Class 56 Rating, Add	*674.14*	
40 05 19 00-0039	EA	4" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,799.09	347.23
		For Class 52 Rating, Deduct	*-250.03*	
		For Class 54 Rating, Add	*347.26*	
		For Class 55 Rating, Add	*519.50*	
		For Class 56 Rating, Add	*689.47*	
40 05 19 00-0040	EA	4" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,856.05	351.00
		For Class 52 Rating, Deduct	*-255.67*	
		For Class 54 Rating, Add	*355.02*	
		For Class 55 Rating, Add	*531.07*	
		For Class 56 Rating, Add	*704.79*	
40 05 19 00-0041	EA	4" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,913.02	354.76
		For Class 52 Rating, Deduct	*-261.30*	
		For Class 54 Rating, Add	*362.77*	
		For Class 55 Rating, Add	*542.63*	
		For Class 56 Rating, Add	*720.12*	
40 05 19 00-0042	EA	4" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,969.97	358.53
		For Class 52 Rating, Deduct	*-266.94*	
		For Class 54 Rating, Add	*370.53*	
		For Class 55 Rating, Add	*554.20*	
		For Class 56 Rating, Add	*735.44*	
40 05 19 00-0043		6" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0044	EA	6" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,020.00	271.16
		For Class 52 Rating, Deduct	*-67.01*	
		For Class 54 Rating, Add	*96.30*	
		For Class 55 Rating, Add	*145.70*	
		For Class 56 Rating, Add	*194.49*	
40 05 19 00-0045	EA	6" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,088.79	274.93
		For Class 52 Rating, Deduct	*-73.95*	
		For Class 54 Rating, Add	*105.83*	
		For Class 55 Rating, Add	*159.90*	
		For Class 56 Rating, Add	*213.30*	
40 05 19 00-0046	EA	6" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,157.58	278.69
		For Class 52 Rating, Deduct	*-80.89*	
		For Class 54 Rating, Add	*115.37*	
		For Class 55 Rating, Add	*174.11*	
		For Class 56 Rating, Add	*232.12*	
40 05 19 00-0047	EA	6" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,226.37	282.45
		For Class 52 Rating, Deduct	*-87.82*	
		For Class 54 Rating, Add	*124.90*	
		For Class 55 Rating, Add	*188.31*	
		For Class 56 Rating, Add	*250.93*	
40 05 19 00-0048	EA	6" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,295.15	286.23
		For Class 52 Rating, Deduct	*-94.76*	
		For Class 54 Rating, Add	*134.43*	
		For Class 55 Rating, Add	*202.52*	
		For Class 56 Rating, Add	*269.75*	
40 05 19 00-0049	EA	6" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,363.95	289.99
		For Class 52 Rating, Deduct	*-101.70*	
		For Class 54 Rating, Add	*143.96*	
		For Class 55 Rating, Add	*216.72*	
		For Class 56 Rating, Add	*288.57*	
40 05 19 00-0050	EA	6" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,432.74	293.75
		For Class 52 Rating, Deduct	*-108.64*	
		For Class 54 Rating, Add	*153.49*	
		For Class 55 Rating, Add	*230.93*	
		For Class 56 Rating, Add	*307.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0051	EA	6" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,501.52	297.52
		For Class 52 Rating, Deduct	*-115.58*	
		For Class 54 Rating, Add	*163.02*	
		For Class 55 Rating, Add	*245.13*	
		For Class 56 Rating, Add	*326.19*	
40 05 19 00-0052	EA	6" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,570.31	301.29
		For Class 52 Rating, Deduct	*-122.52*	
		For Class 54 Rating, Add	*172.55*	
		For Class 55 Rating, Add	*259.34*	
		For Class 56 Rating, Add	*345.01*	
40 05 19 00-0053	EA	6" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,639.10	305.05
		For Class 52 Rating, Deduct	*-129.46*	
		For Class 54 Rating, Add	*182.08*	
		For Class 55 Rating, Add	*273.54*	
		For Class 56 Rating, Add	*363.82*	
40 05 19 00-0054	EA	6" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,707.89	308.82
		For Class 52 Rating, Deduct	*-136.40*	
		For Class 54 Rating, Add	*191.61*	
		For Class 55 Rating, Add	*287.75*	
		For Class 56 Rating, Add	*382.64*	
40 05 19 00-0055	EA	6" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,776.68	312.59
		For Class 52 Rating, Deduct	*-143.34*	
		For Class 54 Rating, Add	*201.14*	
		For Class 55 Rating, Add	*301.95*	
		For Class 56 Rating, Add	*401.46*	
40 05 19 00-0056	EA	6" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,845.47	316.35
		For Class 52 Rating, Deduct	*-150.28*	
		For Class 54 Rating, Add	*210.67*	
		For Class 55 Rating, Add	*316.16*	
		For Class 56 Rating, Add	*420.27*	
40 05 19 00-0057	EA	6" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,914.26	320.12
		For Class 52 Rating, Deduct	*-157.22*	
		For Class 54 Rating, Add	*220.21*	
		For Class 55 Rating, Add	*330.36*	
		For Class 56 Rating, Add	*439.09*	
40 05 19 00-0058	EA	6" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,983.05	323.88
		For Class 52 Rating, Deduct	*-164.16*	
		For Class 54 Rating, Add	*229.74*	
		For Class 55 Rating, Add	*344.56*	
		For Class 56 Rating, Add	*457.90*	
40 05 19 00-0059	EA	6" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,051.84	327.65
		For Class 52 Rating, Deduct	*-171.09*	
		For Class 54 Rating, Add	*239.27*	
		For Class 55 Rating, Add	*358.77*	
		For Class 56 Rating, Add	*476.71*	
40 05 19 00-0060	EA	6" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,120.63	331.42
		For Class 52 Rating, Deduct	*-178.03*	
		For Class 54 Rating, Add	*248.80*	
		For Class 55 Rating, Add	*372.97*	
		For Class 56 Rating, Add	*495.53*	
40 05 19 00-0061	EA	6" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,189.42	335.18
		For Class 52 Rating, Deduct	*-184.97*	
		For Class 54 Rating, Add	*258.33*	
		For Class 55 Rating, Add	*387.18*	
		For Class 56 Rating, Add	*514.35*	
40 05 19 00-0062	EA	6" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,258.21	338.94
		For Class 52 Rating, Deduct	*-191.91*	
		For Class 54 Rating, Add	*267.86*	
		For Class 55 Rating, Add	*401.38*	
		For Class 56 Rating, Add	*533.16*	
40 05 19 00-0063	EA	6" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,327.00	342.72
		For Class 52 Rating, Deduct	*-198.85*	
		For Class 54 Rating, Add	*277.39*	
		For Class 55 Rating, Add	*415.59*	
		For Class 56 Rating, Add	*551.98*	
40 05 19 00-0064	EA	6" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,395.79	346.48
		For Class 52 Rating, Deduct	*-205.79*	
		For Class 54 Rating, Add	*286.92*	
		For Class 55 Rating, Add	*429.79*	
		For Class 56 Rating, Add	*570.79*	
40 05 19 00-0065	EA	6" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,464.58	350.25
		For Class 52 Rating, Deduct	*-212.73*	
		For Class 54 Rating, Add	*296.45*	
		For Class 55 Rating, Add	*444.00*	
		For Class 56 Rating, Add	*589.60*	
40 05 19 00-0066	EA	6" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,533.37	354.01
		For Class 52 Rating, Deduct	*-219.67*	
		For Class 54 Rating, Add	*305.99*	
		For Class 55 Rating, Add	*458.20*	
		For Class 56 Rating, Add	*608.42*	
40 05 19 00-0067	EA	6" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,602.16	357.78
		For Class 52 Rating, Deduct	*-226.61*	
		For Class 54 Rating, Add	*315.52*	
		For Class 55 Rating, Add	*472.41*	
		For Class 56 Rating, Add	*627.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0068	EA	6" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,670.94	361.55
		For Class 52 Rating, Deduct	*-233.55*	
		For Class 54 Rating, Add	*325.05*	
		For Class 55 Rating, Add	*486.61*	
		For Class 56 Rating, Add	*646.05*	
40 05 19 00-0069	EA	6" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,739.74	365.31
		For Class 52 Rating, Deduct	*-240.49*	
		For Class 54 Rating, Add	*334.58*	
		For Class 55 Rating, Add	*500.82*	
		For Class 56 Rating, Add	*664.87*	
40 05 19 00-0070	EA	6" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,808.53	369.07
		For Class 52 Rating, Deduct	*-247.43*	
		For Class 54 Rating, Add	*344.11*	
		For Class 55 Rating, Add	*515.02*	
		For Class 56 Rating, Add	*683.68*	
40 05 19 00-0071	EA	6" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,877.32	372.85
		For Class 52 Rating, Deduct	*-254.37*	
		For Class 54 Rating, Add	*353.64*	
		For Class 55 Rating, Add	*529.23*	
		For Class 56 Rating, Add	*702.50*	
40 05 19 00-0072	EA	6" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,946.11	376.61
		For Class 52 Rating, Deduct	*-261.30*	
		For Class 54 Rating, Add	*363.17*	
		For Class 55 Rating, Add	*543.43*	
		For Class 56 Rating, Add	*721.31*	
40 05 19 00-0073	EA	6" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,014.90	380.37
		For Class 52 Rating, Deduct	*-268.24*	
		For Class 54 Rating, Add	*372.70*	
		For Class 55 Rating, Add	*557.63*	
		For Class 56 Rating, Add	*740.13*	
40 05 19 00-0074	EA	6" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,083.69	384.14
		For Class 52 Rating, Deduct	*-275.18*	
		For Class 54 Rating, Add	*382.23*	
		For Class 55 Rating, Add	*571.84*	
		For Class 56 Rating, Add	*758.94*	
40 05 19 00-0075	EA	6" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,152.48	387.91
		For Class 52 Rating, Deduct	*-282.12*	
		For Class 54 Rating, Add	*391.76*	
		For Class 55 Rating, Add	*586.04*	
		For Class 56 Rating, Add	*777.76*	
40 05 19 00-0076	EA	6" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,221.27	391.67
		For Class 52 Rating, Deduct	*-289.06*	
		For Class 54 Rating, Add	*401.29*	
		For Class 55 Rating, Add	*600.25*	
		For Class 56 Rating, Add	*796.57*	
40 05 19 00-0077	EA	6" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,290.06	395.44
		For Class 52 Rating, Deduct	*-296.00*	
		For Class 54 Rating, Add	*410.83*	
		For Class 55 Rating, Add	*614.45*	
		For Class 56 Rating, Add	*815.39*	
40 05 19 00-0078	EA	6" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,358.85	399.20
		For Class 52 Rating, Deduct	*-302.94*	
		For Class 54 Rating, Add	*420.36*	
		For Class 55 Rating, Add	*628.66*	
		For Class 56 Rating, Add	*834.20*	
40 05 19 00-0079	EA	6" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,427.64	402.97
		For Class 52 Rating, Deduct	*-309.88*	
		For Class 54 Rating, Add	*429.89*	
		For Class 55 Rating, Add	*642.86*	
		For Class 56 Rating, Add	*853.02*	
40 05 19 00-0080	EA	6" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,496.43	406.74
		For Class 52 Rating, Deduct	*-316.82*	
		For Class 54 Rating, Add	*439.42*	
		For Class 55 Rating, Add	*657.07*	
		For Class 56 Rating, Add	*871.83*	
40 05 19 00-0081	EA	6" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,565.22	410.50
		For Class 52 Rating, Deduct	*-323.76*	
		For Class 54 Rating, Add	*448.95*	
		For Class 55 Rating, Add	*671.27*	
		For Class 56 Rating, Add	*890.65*	
40 05 19 00-0082	EA	6" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,634.01	414.27
		For Class 52 Rating, Deduct	*-330.70*	
		For Class 54 Rating, Add	*458.48*	
		For Class 55 Rating, Add	*685.47*	
		For Class 56 Rating, Add	*909.46*	
40 05 19 00-0083		8" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0084	EA	8" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,421.94	346.48
		For Class 52 Rating, Deduct	*-98.67*	
		For Class 54 Rating, Add	*140.85*	
		For Class 55 Rating, Add	*212.62*	
		For Class 56 Rating, Add	*283.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0085	EA	8" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,514.39	350.25
		For Class 52 Rating, Deduct	*-108.21*	
		For Class 54 Rating, Add	*153.92*	
		For Class 55 Rating, Add	*232.10*	
		For Class 56 Rating, Add	*309.30*	
40 05 19 00-0086	EA	8" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,606.83	354.01
		For Class 52 Rating, Deduct	*-117.75*	
		For Class 54 Rating, Add	*167.00*	
		For Class 55 Rating, Add	*251.58*	
		For Class 56 Rating, Add	*335.09*	
40 05 19 00-0087	EA	8" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,699.28	357.78
		For Class 52 Rating, Deduct	*-127.29*	
		For Class 54 Rating, Add	*180.08*	
		For Class 55 Rating, Add	*271.06*	
		For Class 56 Rating, Add	*360.89*	
40 05 19 00-0088	EA	8" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,791.72	361.55
		For Class 52 Rating, Deduct	*-136.83*	
		For Class 54 Rating, Add	*193.16*	
		For Class 55 Rating, Add	*290.54*	
		For Class 56 Rating, Add	*386.68*	
40 05 19 00-0089	EA	8" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,884.17	365.31
		For Class 52 Rating, Deduct	*-146.37*	
		For Class 54 Rating, Add	*206.24*	
		For Class 55 Rating, Add	*310.02*	
		For Class 56 Rating, Add	*412.47*	
40 05 19 00-0090	EA	8" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,976.62	369.07
		For Class 52 Rating, Deduct	*-155.92*	
		For Class 54 Rating, Add	*219.32*	
		For Class 55 Rating, Add	*329.50*	
		For Class 56 Rating, Add	*438.27*	
40 05 19 00-0091	EA	8" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,069.06	372.85
		For Class 52 Rating, Deduct	*-165.46*	
		For Class 54 Rating, Add	*232.40*	
		For Class 55 Rating, Add	*348.98*	
		For Class 56 Rating, Add	*464.06*	
40 05 19 00-0092	EA	8" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,161.51	376.61
		For Class 52 Rating, Deduct	*-175.00*	
		For Class 54 Rating, Add	*245.48*	
		For Class 55 Rating, Add	*368.46*	
		For Class 56 Rating, Add	*489.85*	
40 05 19 00-0093	EA	8" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,253.96	380.37
		For Class 52 Rating, Deduct	*-184.54*	
		For Class 54 Rating, Add	*258.56*	
		For Class 55 Rating, Add	*387.94*	
		For Class 56 Rating, Add	*515.65*	
40 05 19 00-0094	EA	8" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,346.40	384.14
		For Class 52 Rating, Deduct	*-194.08*	
		For Class 54 Rating, Add	*271.64*	
		For Class 55 Rating, Add	*407.42*	
		For Class 56 Rating, Add	*541.44*	
40 05 19 00-0095	EA	8" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,438.85	387.91
		For Class 52 Rating, Deduct	*-203.62*	
		For Class 54 Rating, Add	*284.72*	
		For Class 55 Rating, Add	*426.90*	
		For Class 56 Rating, Add	*567.24*	
40 05 19 00-0096	EA	8" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,531.30	391.67
		For Class 52 Rating, Deduct	*-213.16*	
		For Class 54 Rating, Add	*297.80*	
		For Class 55 Rating, Add	*446.38*	
		For Class 56 Rating, Add	*593.03*	
40 05 19 00-0097	EA	8" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,623.74	395.44
		For Class 52 Rating, Deduct	*-222.70*	
		For Class 54 Rating, Add	*310.88*	
		For Class 55 Rating, Add	*465.86*	
		For Class 56 Rating, Add	*618.82*	
40 05 19 00-0098	EA	8" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,716.19	399.20
		For Class 52 Rating, Deduct	*-232.25*	
		For Class 54 Rating, Add	*323.96*	
		For Class 55 Rating, Add	*485.34*	
		For Class 56 Rating, Add	*644.62*	
40 05 19 00-0099	EA	8" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,808.64	402.97
		For Class 52 Rating, Deduct	*-241.79*	
		For Class 54 Rating, Add	*337.04*	
		For Class 55 Rating, Add	*504.82*	
		For Class 56 Rating, Add	*670.41*	
40 05 19 00-0100	EA	8" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,901.08	406.74
		For Class 52 Rating, Deduct	*-251.33*	
		For Class 54 Rating, Add	*350.12*	
		For Class 55 Rating, Add	*524.30*	
		For Class 56 Rating, Add	*696.20*	
40 05 19 00-0101	EA	8" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,993.53	410.50
		For Class 52 Rating, Deduct	*-260.87*	
		For Class 54 Rating, Add	*363.20*	
		For Class 55 Rating, Add	*543.78*	
		For Class 56 Rating, Add	*722.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0102	EA	8" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,085.98	414.27
		For Class 52 Rating, Deduct	*-270.41*	
		For Class 54 Rating, Add	*376.28*	
		For Class 55 Rating, Add	*563.26*	
		For Class 56 Rating, Add	*747.79*	
40 05 19 00-0103	EA	8" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,178.42	418.04
		For Class 52 Rating, Deduct	*-279.95*	
		For Class 54 Rating, Add	*389.36*	
		For Class 55 Rating, Add	*582.74*	
		For Class 56 Rating, Add	*773.59*	
40 05 19 00-0104	EA	8" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,270.86	421.80
		For Class 52 Rating, Deduct	*-289.49*	
		For Class 54 Rating, Add	*402.43*	
		For Class 55 Rating, Add	*602.22*	
		For Class 56 Rating, Add	*799.38*	
40 05 19 00-0105	EA	8" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,363.31	425.56
		For Class 52 Rating, Deduct	*-299.04*	
		For Class 54 Rating, Add	*415.51*	
		For Class 55 Rating, Add	*621.70*	
		For Class 56 Rating, Add	*825.17*	
40 05 19 00-0106	EA	8" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,455.75	429.34
		For Class 52 Rating, Deduct	*-308.58*	
		For Class 54 Rating, Add	*428.59*	
		For Class 55 Rating, Add	*641.18*	
		For Class 56 Rating, Add	*850.97*	
40 05 19 00-0107	EA	8" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,548.20	433.10
		For Class 52 Rating, Deduct	*-318.12*	
		For Class 54 Rating, Add	*441.67*	
		For Class 55 Rating, Add	*660.66*	
		For Class 56 Rating, Add	*876.76*	
40 05 19 00-0108	EA	8" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,640.63	436.87
		For Class 52 Rating, Deduct	*-327.66*	
		For Class 54 Rating, Add	*454.75*	
		For Class 55 Rating, Add	*680.14*	
		For Class 56 Rating, Add	*902.55*	
40 05 19 00-0109	EA	8" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,733.08	440.63
		For Class 52 Rating, Deduct	*-337.20*	
		For Class 54 Rating, Add	*467.83*	
		For Class 55 Rating, Add	*699.62*	
		For Class 56 Rating, Add	*928.35*	
40 05 19 00-0110	EA	8" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,825.53	444.40
		For Class 52 Rating, Deduct	*-346.74*	
		For Class 54 Rating, Add	*480.91*	
		For Class 55 Rating, Add	*719.10*	
		For Class 56 Rating, Add	*954.14*	
40 05 19 00-0111	EA	8" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,917.97	448.17
		For Class 52 Rating, Deduct	*-356.28*	
		For Class 54 Rating, Add	*493.99*	
		For Class 55 Rating, Add	*738.58*	
		For Class 56 Rating, Add	*979.93*	
40 05 19 00-0112	EA	8" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,010.42	451.93
		For Class 52 Rating, Deduct	*-365.82*	
		For Class 54 Rating, Add	*507.07*	
		For Class 55 Rating, Add	*758.06*	
		For Class 56 Rating, Add	*1,005.73*	
40 05 19 00-0113	EA	8" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,102.87	455.69
		For Class 52 Rating, Deduct	*-375.37*	
		For Class 54 Rating, Add	*520.15*	
		For Class 55 Rating, Add	*777.54*	
		For Class 56 Rating, Add	*1,031.52*	
40 05 19 00-0114	EA	8" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,195.31	459.47
		For Class 52 Rating, Deduct	*-384.91*	
		For Class 54 Rating, Add	*533.23*	
		For Class 55 Rating, Add	*797.02*	
		For Class 56 Rating, Add	*1,057.31*	
40 05 19 00-0115	EA	8" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,287.76	463.23
		For Class 52 Rating, Deduct	*-394.45*	
		For Class 54 Rating, Add	*546.31*	
		For Class 55 Rating, Add	*816.50*	
		For Class 56 Rating, Add	*1,083.11*	
40 05 19 00-0116	EA	8" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,380.21	466.99
		For Class 52 Rating, Deduct	*-403.99*	
		For Class 54 Rating, Add	*559.39*	
		For Class 55 Rating, Add	*835.98*	
		For Class 56 Rating, Add	*1,108.90*	
40 05 19 00-0117	EA	8" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,472.65	470.76
		For Class 52 Rating, Deduct	*-413.53*	
		For Class 54 Rating, Add	*572.47*	
		For Class 55 Rating, Add	*855.46*	
		For Class 56 Rating, Add	*1,134.69*	
40 05 19 00-0118	EA	8" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,565.10	474.53
		For Class 52 Rating, Deduct	*-423.07*	
		For Class 54 Rating, Add	*585.55*	
		For Class 55 Rating, Add	*874.94*	
		For Class 56 Rating, Add	*1,160.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0119	EA	8" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,657.55	478.29
		For Class 52 Rating, Deduct	*-432.61*	
		For Class 54 Rating, Add	*598.63*	
		For Class 55 Rating, Add	*894.42*	
		For Class 56 Rating, Add	*1,186.28*	
40 05 19 00-0120	EA	8" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,749.99	482.06
		For Class 52 Rating, Deduct	*-442.16*	
		For Class 54 Rating, Add	*611.70*	
		For Class 55 Rating, Add	*913.90*	
		For Class 56 Rating, Add	*1,212.08*	
40 05 19 00-0121	EA	8" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,842.44	485.82
		For Class 52 Rating, Deduct	*-451.70*	
		For Class 54 Rating, Add	*624.78*	
		For Class 55 Rating, Add	*933.38*	
		For Class 56 Rating, Add	*1,237.87*	
40 05 19 00-0122	EA	8" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,934.89	489.59
		For Class 52 Rating, Deduct	*-461.24*	
		For Class 54 Rating, Add	*637.86*	
		For Class 55 Rating, Add	*952.86*	
		For Class 56 Rating, Add	*1,263.66*	

40 05 19 00-0123 10" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0124	EA	10" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,790.36	421.80
		For Class 52 Rating, Deduct	*-126.64*	
		For Class 54 Rating, Add	*180.36*	
		For Class 55 Rating, Add	*272.07*	
		For Class 56 Rating, Add	*362.63*	
40 05 19 00-0125	EA	10" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,910.41	425.56
		For Class 52 Rating, Deduct	*-139.22*	
		For Class 54 Rating, Add	*197.58*	
		For Class 55 Rating, Add	*297.71*	
		For Class 56 Rating, Add	*396.57*	
40 05 19 00-0126	EA	10" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,030.45	429.34
		For Class 52 Rating, Deduct	*-151.79*	
		For Class 54 Rating, Add	*214.80*	
		For Class 55 Rating, Add	*323.34*	
		For Class 56 Rating, Add	*430.50*	
40 05 19 00-0127	EA	10" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,150.50	433.10
		For Class 52 Rating, Deduct	*-164.37*	
		For Class 54 Rating, Add	*232.02*	
		For Class 55 Rating, Add	*348.98*	
		For Class 56 Rating, Add	*464.44*	
40 05 19 00-0128	EA	10" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,270.54	436.87
		For Class 52 Rating, Deduct	*-176.95*	
		For Class 54 Rating, Add	*249.24*	
		For Class 55 Rating, Add	*374.61*	
		For Class 56 Rating, Add	*498.37*	
40 05 19 00-0129	EA	10" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,390.59	440.63
		For Class 52 Rating, Deduct	*-189.53*	
		For Class 54 Rating, Add	*266.46*	
		For Class 55 Rating, Add	*400.25*	
		For Class 56 Rating, Add	*532.31*	
40 05 19 00-0130	EA	10" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,510.64	444.40
		For Class 52 Rating, Deduct	*-202.10*	
		For Class 54 Rating, Add	*283.68*	
		For Class 55 Rating, Add	*425.88*	
		For Class 56 Rating, Add	*566.25*	
40 05 19 00-0131	EA	10" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,630.68	448.17
		For Class 52 Rating, Deduct	*-214.68*	
		For Class 54 Rating, Add	*300.90*	
		For Class 55 Rating, Add	*451.51*	
		For Class 56 Rating, Add	*600.18*	
40 05 19 00-0132	EA	10" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,750.73	451.93
		For Class 52 Rating, Deduct	*-227.26*	
		For Class 54 Rating, Add	*318.12*	
		For Class 55 Rating, Add	*477.15*	
		For Class 56 Rating, Add	*634.12*	
40 05 19 00-0133	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,870.77	455.69
		For Class 52 Rating, Deduct	*-239.84*	
		For Class 54 Rating, Add	*335.33*	
		For Class 55 Rating, Add	*502.78*	
		For Class 56 Rating, Add	*668.05*	
40 05 19 00-0134	EA	10" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,990.81	459.47
		For Class 52 Rating, Deduct	*-252.41*	
		For Class 54 Rating, Add	*352.55*	
		For Class 55 Rating, Add	*528.42*	
		For Class 56 Rating, Add	*701.99*	
40 05 19 00-0135	EA	10" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,110.86	463.23
		For Class 52 Rating, Deduct	*-264.99*	
		For Class 54 Rating, Add	*369.77*	
		For Class 55 Rating, Add	*554.05*	
		For Class 56 Rating, Add	*735.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0136	EA	10" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,230.91	466.99
		For Class 52 Rating, Deduct	*-277.57*	
		For Class 54 Rating, Add	*386.99*	
		For Class 55 Rating, Add	*579.69*	
		For Class 56 Rating, Add	*769.86*	
40 05 19 00-0137	EA	10" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,350.95	470.76
		For Class 52 Rating, Deduct	*-290.14*	
		For Class 54 Rating, Add	*404.21*	
		For Class 55 Rating, Add	*605.32*	
		For Class 56 Rating, Add	*803.79*	
40 05 19 00-0138	EA	10" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,471.00	474.53
		For Class 52 Rating, Deduct	*-302.72*	
		For Class 54 Rating, Add	*421.43*	
		For Class 55 Rating, Add	*630.96*	
		For Class 56 Rating, Add	*837.73*	
40 05 19 00-0139	EA	10" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,591.05	478.29
		For Class 52 Rating, Deduct	*-315.30*	
		For Class 54 Rating, Add	*438.65*	
		For Class 55 Rating, Add	*656.59*	
		For Class 56 Rating, Add	*871.67*	
40 05 19 00-0140	EA	10" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,711.09	482.06
		For Class 52 Rating, Deduct	*-327.88*	
		For Class 54 Rating, Add	*455.87*	
		For Class 55 Rating, Add	*682.23*	
		For Class 56 Rating, Add	*905.60*	
40 05 19 00-0141	EA	10" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,831.14	485.82
		For Class 52 Rating, Deduct	*-340.45*	
		For Class 54 Rating, Add	*473.09*	
		For Class 55 Rating, Add	*707.86*	
		For Class 56 Rating, Add	*939.54*	
40 05 19 00-0142	EA	10" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,951.18	489.59
		For Class 52 Rating, Deduct	*-353.03*	
		For Class 54 Rating, Add	*490.31*	
		For Class 55 Rating, Add	*733.49*	
		For Class 56 Rating, Add	*973.47*	
40 05 19 00-0143	EA	10" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,071.22	493.36
		For Class 52 Rating, Deduct	*-365.61*	
		For Class 54 Rating, Add	*507.53*	
		For Class 55 Rating, Add	*759.13*	
		For Class 56 Rating, Add	*1,007.40*	
40 05 19 00-0144	EA	10" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,191.27	497.12
		For Class 52 Rating, Deduct	*-378.19*	
		For Class 54 Rating, Add	*524.75*	
		For Class 55 Rating, Add	*784.76*	
		For Class 56 Rating, Add	*1,041.34*	
40 05 19 00-0145	EA	10" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,311.32	500.88
		For Class 52 Rating, Deduct	*-390.76*	
		For Class 54 Rating, Add	*541.97*	
		For Class 55 Rating, Add	*810.40*	
		For Class 56 Rating, Add	*1,075.28*	
40 05 19 00-0146	EA	10" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,431.36	504.66
		For Class 52 Rating, Deduct	*-403.34*	
		For Class 54 Rating, Add	*559.19*	
		For Class 55 Rating, Add	*836.03*	
		For Class 56 Rating, Add	*1,109.21*	
40 05 19 00-0147	EA	10" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,551.41	508.42
		For Class 52 Rating, Deduct	*-415.92*	
		For Class 54 Rating, Add	*576.40*	
		For Class 55 Rating, Add	*861.67*	
		For Class 56 Rating, Add	*1,143.15*	
40 05 19 00-0148	EA	10" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,671.46	512.19
		For Class 52 Rating, Deduct	*-428.50*	
		For Class 54 Rating, Add	*593.62*	
		For Class 55 Rating, Add	*887.30*	
		For Class 56 Rating, Add	*1,177.08*	
40 05 19 00-0149	EA	10" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,791.50	515.96
		For Class 52 Rating, Deduct	*-441.07*	
		For Class 54 Rating, Add	*610.84*	
		For Class 55 Rating, Add	*912.94*	
		For Class 56 Rating, Add	*1,211.02*	
40 05 19 00-0150	EA	10" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,911.55	519.72
		For Class 52 Rating, Deduct	*-453.65*	
		For Class 54 Rating, Add	*628.06*	
		For Class 55 Rating, Add	*938.57*	
		For Class 56 Rating, Add	*1,244.96*	
40 05 19 00-0151	EA	10" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,031.58	523.49
		For Class 52 Rating, Deduct	*-466.23*	
		For Class 54 Rating, Add	*645.28*	
		For Class 55 Rating, Add	*964.20*	
		For Class 56 Rating, Add	*1,278.89*	
40 05 19 00-0152	EA	10" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,151.63	527.25
		For Class 52 Rating, Deduct	*-478.80*	
		For Class 54 Rating, Add	*662.50*	
		For Class 55 Rating, Add	*989.84*	
		For Class 56 Rating, Add	*1,312.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0153	EA	10" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,271.68	531.02
		For Class 52 Rating, Deduct	*-491.38*	
		For Class 54 Rating, Add	*679.72*	
		For Class 55 Rating, Add	*1,015.47*	
		For Class 56 Rating, Add	*1,346.76*	
40 05 19 00-0154	EA	10" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,391.72	534.79
		For Class 52 Rating, Deduct	*-503.96*	
		For Class 54 Rating, Add	*696.94*	
		For Class 55 Rating, Add	*1,041.11*	
		For Class 56 Rating, Add	*1,380.69*	
40 05 19 00-0155	EA	10" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,509.80	538.55
		For Class 52 Rating, Deduct	*-516.32*	
		For Class 54 Rating, Add	*713.86*	
		For Class 55 Rating, Add	*1,066.30*	
		For Class 56 Rating, Add	*1,414.05*	
40 05 19 00-0156	EA	10" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,631.81	542.31
		For Class 52 Rating, Deduct	*-529.11*	
		For Class 54 Rating, Add	*731.38*	
		For Class 55 Rating, Add	*1,092.38*	
		For Class 56 Rating, Add	*1,448.57*	
40 05 19 00-0157	EA	10" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,751.85	546.09
		For Class 52 Rating, Deduct	*-541.69*	
		For Class 54 Rating, Add	*748.60*	
		For Class 55 Rating, Add	*1,118.01*	
		For Class 56 Rating, Add	*1,482.50*	
40 05 19 00-0158	EA	10" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,871.90	549.85
		For Class 52 Rating, Deduct	*-554.27*	
		For Class 54 Rating, Add	*765.82*	
		For Class 55 Rating, Add	*1,143.65*	
		For Class 56 Rating, Add	*1,516.44*	
40 05 19 00-0159	EA	10" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,991.95	553.61
		For Class 52 Rating, Deduct	*-566.85*	
		For Class 54 Rating, Add	*783.04*	
		For Class 55 Rating, Add	*1,169.28*	
		For Class 56 Rating, Add	*1,550.37*	
40 05 19 00-0160	EA	10" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,111.98	557.38
		For Class 52 Rating, Deduct	*-579.42*	
		For Class 54 Rating, Add	*800.25*	
		For Class 55 Rating, Add	*1,194.91*	
		For Class 56 Rating, Add	*1,584.31*	
40 05 19 00-0161	EA	10" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,232.03	561.15
		For Class 52 Rating, Deduct	*-592.00*	
		For Class 54 Rating, Add	*817.47*	
		For Class 55 Rating, Add	*1,220.55*	
		For Class 56 Rating, Add	*1,618.24*	
40 05 19 00-0162	EA	10" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,352.08	564.91
		For Class 52 Rating, Deduct	*-604.58*	
		For Class 54 Rating, Add	*834.69*	
		For Class 55 Rating, Add	*1,246.18*	
		For Class 56 Rating, Add	*1,652.18*	

40 05 19 00-0163 12" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0164	EA	12" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,340.47	527.25
		For Class 52 Rating, Deduct	*-169.58*	
		For Class 54 Rating, Add	*240.83*	
		For Class 55 Rating, Add	*362.95*	
		For Class 56 Rating, Add	*483.53*	
40 05 19 00-0165	EA	12" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,490.09	531.02
		For Class 52 Rating, Deduct	*-185.41*	
		For Class 54 Rating, Add	*262.48*	
		For Class 55 Rating, Add	*395.18*	
		For Class 56 Rating, Add	*526.19*	
40 05 19 00-0166	EA	12" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,639.70	534.79
		For Class 52 Rating, Deduct	*-201.24*	
		For Class 54 Rating, Add	*284.14*	
		For Class 55 Rating, Add	*427.41*	
		For Class 56 Rating, Add	*568.85*	
40 05 19 00-0167	EA	12" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,789.32	538.55
		For Class 52 Rating, Deduct	*-217.07*	
		For Class 54 Rating, Add	*305.79*	
		For Class 55 Rating, Add	*459.64*	
		For Class 56 Rating, Add	*611.51*	
40 05 19 00-0168	EA	12" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,938.93	542.31
		For Class 52 Rating, Deduct	*-232.90*	
		For Class 54 Rating, Add	*327.45*	
		For Class 55 Rating, Add	*491.87*	
		For Class 56 Rating, Add	*654.17*	
40 05 19 00-0169	EA	12" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,088.54	546.09
		For Class 52 Rating, Deduct	*-248.73*	
		For Class 54 Rating, Add	*349.10*	
		For Class 55 Rating, Add	*524.09*	
		For Class 56 Rating, Add	*696.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0170	EA	12" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,238.16	549.85
		For Class 52 Rating, Deduct	*-264.56*	
		For Class 54 Rating, Add	*370.76*	
		For Class 55 Rating, Add	*556.32*	
		For Class 56 Rating, Add	*739.48*	
40 05 19 00-0171	EA	12" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,387.78	553.61
		For Class 52 Rating, Deduct	*-280.39*	
		For Class 54 Rating, Add	*392.41*	
		For Class 55 Rating, Add	*588.55*	
		For Class 56 Rating, Add	*782.14*	
40 05 19 00-0172	EA	12" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,537.39	557.38
		For Class 52 Rating, Deduct	*-296.22*	
		For Class 54 Rating, Add	*414.07*	
		For Class 55 Rating, Add	*620.78*	
		For Class 56 Rating, Add	*824.80*	
40 05 19 00-0173	EA	12" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,687.01	561.15
		For Class 52 Rating, Deduct	*-312.05*	
		For Class 54 Rating, Add	*435.72*	
		For Class 55 Rating, Add	*653.01*	
		For Class 56 Rating, Add	*867.46*	
40 05 19 00-0174	EA	12" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,836.63	564.91
		For Class 52 Rating, Deduct	*-327.88*	
		For Class 54 Rating, Add	*457.38*	
		For Class 55 Rating, Add	*685.24*	
		For Class 56 Rating, Add	*910.12*	
40 05 19 00-0175	EA	12" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,986.24	568.68
		For Class 52 Rating, Deduct	*-343.71*	
		For Class 54 Rating, Add	*479.03*	
		For Class 55 Rating, Add	*717.47*	
		For Class 56 Rating, Add	*952.78*	
40 05 19 00-0176	EA	12" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,135.85	572.44
		For Class 52 Rating, Deduct	*-359.54*	
		For Class 54 Rating, Add	*500.68*	
		For Class 55 Rating, Add	*749.69*	
		For Class 56 Rating, Add	*995.43*	
40 05 19 00-0177	EA	12" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,285.47	576.21
		For Class 52 Rating, Deduct	*-375.37*	
		For Class 54 Rating, Add	*522.34*	
		For Class 55 Rating, Add	*781.92*	
		For Class 56 Rating, Add	*1,038.09*	
40 05 19 00-0178	EA	12" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,435.08	579.98
		For Class 52 Rating, Deduct	*-391.20*	
		For Class 54 Rating, Add	*543.99*	
		For Class 55 Rating, Add	*814.15*	
		For Class 56 Rating, Add	*1,080.75*	
40 05 19 00-0179	EA	12" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,584.70	583.74
		For Class 52 Rating, Deduct	*-407.03*	
		For Class 54 Rating, Add	*565.65*	
		For Class 55 Rating, Add	*846.38*	
		For Class 56 Rating, Add	*1,123.41*	
40 05 19 00-0180	EA	12" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,734.32	587.51
		For Class 52 Rating, Deduct	*-422.86*	
		For Class 54 Rating, Add	*587.30*	
		For Class 55 Rating, Add	*878.61*	
		For Class 56 Rating, Add	*1,166.07*	
40 05 19 00-0181	EA	12" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,883.93	591.28
		For Class 52 Rating, Deduct	*-438.69*	
		For Class 54 Rating, Add	*608.96*	
		For Class 55 Rating, Add	*910.84*	
		For Class 56 Rating, Add	*1,208.73*	
40 05 19 00-0182	EA	12" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,033.55	595.04
		For Class 52 Rating, Deduct	*-454.52*	
		For Class 54 Rating, Add	*630.61*	
		For Class 55 Rating, Add	*943.07*	
		For Class 56 Rating, Add	*1,251.39*	
40 05 19 00-0183	EA	12" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,183.16	598.81
		For Class 52 Rating, Deduct	*-470.35*	
		For Class 54 Rating, Add	*652.27*	
		For Class 55 Rating, Add	*975.30*	
		For Class 56 Rating, Add	*1,294.05*	
40 05 19 00-0184	EA	12" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,332.78	602.57
		For Class 52 Rating, Deduct	*-486.18*	
		For Class 54 Rating, Add	*673.92*	
		For Class 55 Rating, Add	*1,007.52*	
		For Class 56 Rating, Add	*1,336.71*	
40 05 19 00-0185	EA	12" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,482.40	606.34
		For Class 52 Rating, Deduct	*-502.01*	
		For Class 54 Rating, Add	*695.58*	
		For Class 55 Rating, Add	*1,039.75*	
		For Class 56 Rating, Add	*1,379.36*	
40 05 19 00-0186	EA	12" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,632.01	610.11
		For Class 52 Rating, Deduct	*-517.84*	
		For Class 54 Rating, Add	*717.23*	
		For Class 55 Rating, Add	*1,071.98*	
		For Class 56 Rating, Add	*1,422.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0187	EA	12" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,781.63	613.87
		For Class 52 Rating, Deduct	*-533.67*	
		For Class 54 Rating, Add	*738.89*	
		For Class 55 Rating, Add	*1,104.21*	
		For Class 56 Rating, Add	*1,464.68*	
40 05 19 00-0188	EA	12" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,931.25	617.64
		For Class 52 Rating, Deduct	*-549.50*	
		For Class 54 Rating, Add	*760.54*	
		For Class 55 Rating, Add	*1,136.44*	
		For Class 56 Rating, Add	*1,507.34*	
40 05 19 00-0189	EA	12" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,080.86	621.41
		For Class 52 Rating, Deduct	*-565.33*	
		For Class 54 Rating, Add	*782.20*	
		For Class 55 Rating, Add	*1,168.67*	
		For Class 56 Rating, Add	*1,550.00*	
40 05 19 00-0190	EA	12" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,230.47	625.17
		For Class 52 Rating, Deduct	*-581.16*	
		For Class 54 Rating, Add	*803.85*	
		For Class 55 Rating, Add	*1,200.90*	
		For Class 56 Rating, Add	*1,592.66*	
40 05 19 00-0191	EA	12" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,380.09	628.93
		For Class 52 Rating, Deduct	*-596.99*	
		For Class 54 Rating, Add	*825.51*	
		For Class 55 Rating, Add	*1,233.13*	
		For Class 56 Rating, Add	*1,635.32*	
40 05 19 00-0192	EA	12" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,529.70	632.71
		For Class 52 Rating, Deduct	*-612.82*	
		For Class 54 Rating, Add	*847.16*	
		For Class 55 Rating, Add	*1,265.35*	
		For Class 56 Rating, Add	*1,677.97*	
40 05 19 00-0193	EA	12" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,679.32	636.47
		For Class 52 Rating, Deduct	*-628.65*	
		For Class 54 Rating, Add	*868.82*	
		For Class 55 Rating, Add	*1,297.58*	
		For Class 56 Rating, Add	*1,720.63*	
40 05 19 00-0194	EA	12" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,828.94	640.23
		For Class 52 Rating, Deduct	*-644.48*	
		For Class 54 Rating, Add	*890.47*	
		For Class 55 Rating, Add	*1,329.81*	
		For Class 56 Rating, Add	*1,763.29*	
40 05 19 00-0195	EA	12" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,978.55	644.00
		For Class 52 Rating, Deduct	*-660.31*	
		For Class 54 Rating, Add	*912.13*	
		For Class 55 Rating, Add	*1,362.04*	
		For Class 56 Rating, Add	*1,805.95*	
40 05 19 00-0196	EA	12" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,128.17	647.77
		For Class 52 Rating, Deduct	*-676.14*	
		For Class 54 Rating, Add	*933.78*	
		For Class 55 Rating, Add	*1,394.27*	
		For Class 56 Rating, Add	*1,848.61*	
40 05 19 00-0197	EA	12" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,277.79	651.53
		For Class 52 Rating, Deduct	*-691.97*	
		For Class 54 Rating, Add	*955.44*	
		For Class 55 Rating, Add	*1,426.50*	
		For Class 56 Rating, Add	*1,891.27*	
40 05 19 00-0198	EA	12" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,427.40	655.30
		For Class 52 Rating, Deduct	*-707.80*	
		For Class 54 Rating, Add	*977.09*	
		For Class 55 Rating, Add	*1,458.73*	
		For Class 56 Rating, Add	*1,933.93*	
40 05 19 00-0199	EA	12" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,577.01	659.06
		For Class 52 Rating, Deduct	*-723.63*	
		For Class 54 Rating, Add	*998.75*	
		For Class 55 Rating, Add	*1,490.96*	
		For Class 56 Rating, Add	*1,976.59*	
40 05 19 00-0200	EA	12" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,726.63	662.84
		For Class 52 Rating, Deduct	*-739.46*	
		For Class 54 Rating, Add	*1,020.40*	
		For Class 55 Rating, Add	*1,523.18*	
		For Class 56 Rating, Add	*2,019.24*	
40 05 19 00-0201	EA	12" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,876.24	666.60
		For Class 52 Rating, Deduct	*-755.29*	
		For Class 54 Rating, Add	*1,042.06*	
		For Class 55 Rating, Add	*1,555.41*	
		For Class 56 Rating, Add	*2,061.90*	
40 05 19 00-0202	EA	12" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,025.86	670.36
		For Class 52 Rating, Deduct	*-771.12*	
		For Class 54 Rating, Add	*1,063.71*	
		For Class 55 Rating, Add	*1,587.64*	
		For Class 56 Rating, Add	*2,104.56*	

40 05 19 00-0203 14" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0204	EA	14" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,117.28	632.71
		For Class 52 Rating, Deduct	*-237.45*	
		For Class 54 Rating, Add	*335.30*	
		For Class 55 Rating, Add	*504.38*	
		For Class 56 Rating, Add	*671.31*	
40 05 19 00-0205	EA	14" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,298.44	636.47
		For Class 52 Rating, Deduct	*-256.75*	
		For Class 54 Rating, Add	*361.69*	
		For Class 55 Rating, Add	*543.65*	
		For Class 56 Rating, Add	*723.27*	
40 05 19 00-0206	EA	14" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,479.60	640.23
		For Class 52 Rating, Deduct	*-276.05*	
		For Class 54 Rating, Add	*388.07*	
		For Class 55 Rating, Add	*582.91*	
		For Class 56 Rating, Add	*775.24*	
40 05 19 00-0207	EA	14" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,660.75	644.00
		For Class 52 Rating, Deduct	*-295.35*	
		For Class 54 Rating, Add	*414.46*	
		For Class 55 Rating, Add	*622.17*	
		For Class 56 Rating, Add	*827.20*	
40 05 19 00-0208	EA	14" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,841.91	647.77
		For Class 52 Rating, Deduct	*-314.65*	
		For Class 54 Rating, Add	*440.84*	
		For Class 55 Rating, Add	*661.43*	
		For Class 56 Rating, Add	*879.16*	
40 05 19 00-0209	EA	14" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,023.07	651.53
		For Class 52 Rating, Deduct	*-333.95*	
		For Class 54 Rating, Add	*467.23*	
		For Class 55 Rating, Add	*700.70*	
		For Class 56 Rating, Add	*931.13*	
40 05 19 00-0210	EA	14" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,204.23	655.30
		For Class 52 Rating, Deduct	*-353.25*	
		For Class 54 Rating, Add	*493.62*	
		For Class 55 Rating, Add	*739.96*	
		For Class 56 Rating, Add	*983.09*	
40 05 19 00-0211	EA	14" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,385.38	659.06
		For Class 52 Rating, Deduct	*-372.55*	
		For Class 54 Rating, Add	*520.00*	
		For Class 55 Rating, Add	*779.22*	
		For Class 56 Rating, Add	*1,035.05*	
40 05 19 00-0212	EA	14" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,566.54	662.84
		For Class 52 Rating, Deduct	*-391.85*	
		For Class 54 Rating, Add	*546.39*	
		For Class 55 Rating, Add	*818.48*	
		For Class 56 Rating, Add	*1,087.02*	
40 05 19 00-0213	EA	14" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,747.69	666.60
		For Class 52 Rating, Deduct	*-411.15*	
		For Class 54 Rating, Add	*572.77*	
		For Class 55 Rating, Add	*857.75*	
		For Class 56 Rating, Add	*1,138.98*	
40 05 19 00-0214	EA	14" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,928.85	670.36
		For Class 52 Rating, Deduct	*-430.45*	
		For Class 54 Rating, Add	*599.16*	
		For Class 55 Rating, Add	*897.01*	
		For Class 56 Rating, Add	*1,190.94*	
40 05 19 00-0215	EA	14" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,110.00	674.13
		For Class 52 Rating, Deduct	*-449.75*	
		For Class 54 Rating, Add	*625.55*	
		For Class 55 Rating, Add	*936.27*	
		For Class 56 Rating, Add	*1,242.91*	
40 05 19 00-0216	EA	14" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,291.16	677.90
		For Class 52 Rating, Deduct	*-469.05*	
		For Class 54 Rating, Add	*651.93*	
		For Class 55 Rating, Add	*975.53*	
		For Class 56 Rating, Add	*1,294.87*	
40 05 19 00-0217	EA	14" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,472.32	681.66
		For Class 52 Rating, Deduct	*-488.35*	
		For Class 54 Rating, Add	*678.32*	
		For Class 55 Rating, Add	*1,014.80*	
		For Class 56 Rating, Add	*1,346.83*	
40 05 19 00-0218	EA	14" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,653.47	685.43
		For Class 52 Rating, Deduct	*-507.64*	
		For Class 54 Rating, Add	*704.70*	
		For Class 55 Rating, Add	*1,054.06*	
		For Class 56 Rating, Add	*1,398.80*	
40 05 19 00-0219	EA	14" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,834.63	689.19
		For Class 52 Rating, Deduct	*-526.94*	
		For Class 54 Rating, Add	*731.09*	
		For Class 55 Rating, Add	*1,093.32*	
		For Class 56 Rating, Add	*1,450.76*	
40 05 19 00-0220	EA	14" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,015.80	692.96
		For Class 52 Rating, Deduct	*-546.24*	
		For Class 54 Rating, Add	*757.48*	
		For Class 55 Rating, Add	*1,132.59*	
		For Class 56 Rating, Add	*1,502.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0221	EA	14" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,196.95	696.73
		For Class 52 Rating, Deduct	*-565.54*	
		For Class 54 Rating, Add	*783.86*	
		For Class 55 Rating, Add	*1,171.85*	
		For Class 56 Rating, Add	*1,554.69*	
40 05 19 00-0222	EA	14" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,378.11	700.49
		For Class 52 Rating, Deduct	*-584.84*	
		For Class 54 Rating, Add	*810.25*	
		For Class 55 Rating, Add	*1,211.11*	
		For Class 56 Rating, Add	*1,606.65*	
40 05 19 00-0223	EA	14" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,559.27	704.25
		For Class 52 Rating, Deduct	*-604.14*	
		For Class 54 Rating, Add	*836.64*	
		For Class 55 Rating, Add	*1,250.37*	
		For Class 56 Rating, Add	*1,658.62*	
40 05 19 00-0224	EA	14" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,740.42	708.03
		For Class 52 Rating, Deduct	*-623.44*	
		For Class 54 Rating, Add	*863.02*	
		For Class 55 Rating, Add	*1,289.63*	
		For Class 56 Rating, Add	*1,710.58*	
40 05 19 00-0225	EA	14" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,921.58	711.79
		For Class 52 Rating, Deduct	*-642.74*	
		For Class 54 Rating, Add	*889.41*	
		For Class 55 Rating, Add	*1,328.90*	
		For Class 56 Rating, Add	*1,762.54*	
40 05 19 00-0226	EA	14" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,102.74	715.55
		For Class 52 Rating, Deduct	*-662.04*	
		For Class 54 Rating, Add	*915.79*	
		For Class 55 Rating, Add	*1,368.16*	
		For Class 56 Rating, Add	*1,814.51*	
40 05 19 00-0227	EA	14" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,283.89	719.33
		For Class 52 Rating, Deduct	*-681.34*	
		For Class 54 Rating, Add	*942.18*	
		For Class 55 Rating, Add	*1,407.42*	
		For Class 56 Rating, Add	*1,866.47*	
40 05 19 00-0228	EA	14" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,465.05	723.09
		For Class 52 Rating, Deduct	*-700.64*	
		For Class 54 Rating, Add	*968.57*	
		For Class 55 Rating, Add	*1,446.68*	
		For Class 56 Rating, Add	*1,918.43*	
40 05 19 00-0229	EA	14" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,646.22	726.85
		For Class 52 Rating, Deduct	*-719.94*	
		For Class 54 Rating, Add	*994.95*	
		For Class 55 Rating, Add	*1,485.95*	
		For Class 56 Rating, Add	*1,970.40*	
40 05 19 00-0230	EA	14" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,827.37	730.62
		For Class 52 Rating, Deduct	*-739.24*	
		For Class 54 Rating, Add	*1,021.34*	
		For Class 55 Rating, Add	*1,525.21*	
		For Class 56 Rating, Add	*2,022.36*	
40 05 19 00-0231	EA	14" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,008.53	734.39
		For Class 52 Rating, Deduct	*-758.54*	
		For Class 54 Rating, Add	*1,047.73*	
		For Class 55 Rating, Add	*1,564.47*	
		For Class 56 Rating, Add	*2,074.32*	
40 05 19 00-0232	EA	14" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,189.69	738.16
		For Class 52 Rating, Deduct	*-777.84*	
		For Class 54 Rating, Add	*1,074.11*	
		For Class 55 Rating, Add	*1,603.74*	
		For Class 56 Rating, Add	*2,126.29*	
40 05 19 00-0233	EA	14" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,370.84	741.92
		For Class 52 Rating, Deduct	*-797.14*	
		For Class 54 Rating, Add	*1,100.50*	
		For Class 55 Rating, Add	*1,643.00*	
		For Class 56 Rating, Add	*2,178.25*	
40 05 19 00-0234	EA	14" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,552.00	745.68
		For Class 52 Rating, Deduct	*-816.44*	
		For Class 54 Rating, Add	*1,126.88*	
		For Class 55 Rating, Add	*1,682.26*	
		For Class 56 Rating, Add	*2,230.21*	
40 05 19 00-0235	EA	14" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,733.16	749.46
		For Class 52 Rating, Deduct	*-835.74*	
		For Class 54 Rating, Add	*1,153.27*	
		For Class 55 Rating, Add	*1,721.52*	
		For Class 56 Rating, Add	*2,282.18*	
40 05 19 00-0236	EA	14" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,914.31	753.22
		For Class 52 Rating, Deduct	*-855.04*	
		For Class 54 Rating, Add	*1,179.66*	
		For Class 55 Rating, Add	*1,760.78*	
		For Class 56 Rating, Add	*2,334.14*	
40 05 19 00-0237	EA	14" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,095.47	756.98
		For Class 52 Rating, Deduct	*-874.34*	
		For Class 54 Rating, Add	*1,206.04*	
		For Class 55 Rating, Add	*1,800.05*	
		For Class 56 Rating, Add	*2,386.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0238	EA	14" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,276.62	760.75
		For Class 52 Rating, Deduct	*-893.64*	
		For Class 54 Rating, Add	*1,232.43*	
		For Class 55 Rating, Add	*1,839.31*	
		For Class 56 Rating, Add	*2,438.07*	
40 05 19 00-0239	EA	14" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,457.79	764.52
		For Class 52 Rating, Deduct	*-912.94*	
		For Class 54 Rating, Add	*1,258.81*	
		For Class 55 Rating, Add	*1,878.57*	
		For Class 56 Rating, Add	*2,490.03*	
40 05 19 00-0240	EA	14" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,638.95	768.28
		For Class 52 Rating, Deduct	*-932.24*	
		For Class 54 Rating, Add	*1,285.20*	
		For Class 55 Rating, Add	*1,917.84*	
		For Class 56 Rating, Add	*2,542.00*	
40 05 19 00-0241	EA	14" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,820.10	772.05
		For Class 52 Rating, Deduct	*-951.54*	
		For Class 54 Rating, Add	*1,311.59*	
		For Class 55 Rating, Add	*1,957.10*	
		For Class 56 Rating, Add	*2,593.96*	
40 05 19 00-0242		**16" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-0002)*		
40 05 19 00-0243	EA	16" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,654.42	723.09
		For Class 52 Rating, Deduct	*-281.47*	
		For Class 54 Rating, Add	*396.97*	
		For Class 55 Rating, Add	*596.91*	
		For Class 56 Rating, Add	*794.30*	
40 05 19 00-0244	EA	16" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,865.15	726.85
		For Class 52 Rating, Deduct	*-304.02*	
		For Class 54 Rating, Add	*427.79*	
		For Class 55 Rating, Add	*642.77*	
		For Class 56 Rating, Add	*854.98*	
40 05 19 00-0245	EA	16" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,075.87	730.62
		For Class 52 Rating, Deduct	*-326.58*	
		For Class 54 Rating, Add	*458.61*	
		For Class 55 Rating, Add	*688.63*	
		For Class 56 Rating, Add	*915.67*	
40 05 19 00-0246	EA	16" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,286.60	734.39
		For Class 52 Rating, Deduct	*-349.13*	
		For Class 54 Rating, Add	*489.44*	
		For Class 55 Rating, Add	*734.48*	
		For Class 56 Rating, Add	*976.36*	
40 05 19 00-0247	EA	16" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,497.33	738.16
		For Class 52 Rating, Deduct	*-371.68*	
		For Class 54 Rating, Add	*520.26*	
		For Class 55 Rating, Add	*780.34*	
		For Class 56 Rating, Add	*1,037.04*	
40 05 19 00-0248	EA	16" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,708.05	741.92
		For Class 52 Rating, Deduct	*-394.23*	
		For Class 54 Rating, Add	*551.08*	
		For Class 55 Rating, Add	*826.20*	
		For Class 56 Rating, Add	*1,097.73*	
40 05 19 00-0249	EA	16" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,918.78	745.68
		For Class 52 Rating, Deduct	*-416.78*	
		For Class 54 Rating, Add	*581.90*	
		For Class 55 Rating, Add	*872.05*	
		For Class 56 Rating, Add	*1,158.41*	
40 05 19 00-0250	EA	16" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,129.52	749.46
		For Class 52 Rating, Deduct	*-439.34*	
		For Class 54 Rating, Add	*612.72*	
		For Class 55 Rating, Add	*917.91*	
		For Class 56 Rating, Add	*1,219.10*	
40 05 19 00-0251	EA	16" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,340.24	753.22
		For Class 52 Rating, Deduct	*-461.89*	
		For Class 54 Rating, Add	*643.54*	
		For Class 55 Rating, Add	*963.77*	
		For Class 56 Rating, Add	*1,279.79*	
40 05 19 00-0252	EA	16" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,550.97	756.98
		For Class 52 Rating, Deduct	*-484.44*	
		For Class 54 Rating, Add	*674.37*	
		For Class 55 Rating, Add	*1,009.62*	
		For Class 56 Rating, Add	*1,340.48*	
40 05 19 00-0253	EA	16" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,761.69	760.75
		For Class 52 Rating, Deduct	*-506.99*	
		For Class 54 Rating, Add	*705.19*	
		For Class 55 Rating, Add	*1,055.48*	
		For Class 56 Rating, Add	*1,401.16*	
40 05 19 00-0254	EA	16" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,972.42	764.52
		For Class 52 Rating, Deduct	*-529.55*	
		For Class 54 Rating, Add	*736.01*	
		For Class 55 Rating, Add	*1,101.34*	
		For Class 56 Rating, Add	*1,461.85*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0255	EA	16" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,183.15	768.28
		For Class 52 Rating, Deduct	*-552.10*	
		For Class 54 Rating, Add	*766.83*	
		For Class 55 Rating, Add	*1,147.19*	
		For Class 56 Rating, Add	*1,522.54*	
40 05 19 00-0256	EA	16" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,393.87	772.05
		For Class 52 Rating, Deduct	*-574.65*	
		For Class 54 Rating, Add	*797.65*	
		For Class 55 Rating, Add	*1,193.05*	
		For Class 56 Rating, Add	*1,583.22*	
40 05 19 00-0257	EA	16" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,604.61	775.81
		For Class 52 Rating, Deduct	*-597.20*	
		For Class 54 Rating, Add	*828.48*	
		For Class 55 Rating, Add	*1,238.91*	
		For Class 56 Rating, Add	*1,643.91*	
40 05 19 00-0258	EA	16" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,815.33	779.58
		For Class 52 Rating, Deduct	*-619.76*	
		For Class 54 Rating, Add	*859.30*	
		For Class 55 Rating, Add	*1,284.76*	
		For Class 56 Rating, Add	*1,704.60*	
40 05 19 00-0259	EA	16" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,026.05	783.35
		For Class 52 Rating, Deduct	*-642.31*	
		For Class 54 Rating, Add	*890.12*	
		For Class 55 Rating, Add	*1,330.62*	
		For Class 56 Rating, Add	*1,765.28*	
40 05 19 00-0260	EA	16" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,236.78	787.11
		For Class 52 Rating, Deduct	*-664.86*	
		For Class 54 Rating, Add	*920.94*	
		For Class 55 Rating, Add	*1,376.48*	
		For Class 56 Rating, Add	*1,825.97*	
40 05 19 00-0261	EA	16" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,447.51	790.87
		For Class 52 Rating, Deduct	*-687.41*	
		For Class 54 Rating, Add	*951.76*	
		For Class 55 Rating, Add	*1,422.33*	
		For Class 56 Rating, Add	*1,886.66*	
40 05 19 00-0262	EA	16" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,658.23	794.65
		For Class 52 Rating, Deduct	*-709.97*	
		For Class 54 Rating, Add	*982.58*	
		For Class 55 Rating, Add	*1,468.19*	
		For Class 56 Rating, Add	*1,947.34*	
40 05 19 00-0263	EA	16" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,868.96	798.41
		For Class 52 Rating, Deduct	*-732.52*	
		For Class 54 Rating, Add	*1,013.40*	
		For Class 55 Rating, Add	*1,514.05*	
		For Class 56 Rating, Add	*2,008.03*	
40 05 19 00-0264	EA	16" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,079.70	802.17
		For Class 52 Rating, Deduct	*-755.07*	
		For Class 54 Rating, Add	*1,044.23*	
		For Class 55 Rating, Add	*1,559.90*	
		For Class 56 Rating, Add	*2,068.72*	
40 05 19 00-0265	EA	16" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,290.42	805.94
		For Class 52 Rating, Deduct	*-777.62*	
		For Class 54 Rating, Add	*1,075.05*	
		For Class 55 Rating, Add	*1,605.76*	
		For Class 56 Rating, Add	*2,129.40*	
40 05 19 00-0266	EA	16" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,501.15	809.71
		For Class 52 Rating, Deduct	*-800.18*	
		For Class 54 Rating, Add	*1,105.87*	
		For Class 55 Rating, Add	*1,651.62*	
		For Class 56 Rating, Add	*2,190.09*	
40 05 19 00-0267	EA	16" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,711.88	813.48
		For Class 52 Rating, Deduct	*-822.73*	
		For Class 54 Rating, Add	*1,136.69*	
		For Class 55 Rating, Add	*1,697.47*	
		For Class 56 Rating, Add	*2,250.78*	
40 05 19 00-0268	EA	16" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,922.60	817.24
		For Class 52 Rating, Deduct	*-845.28*	
		For Class 54 Rating, Add	*1,167.51*	
		For Class 55 Rating, Add	*1,743.33*	
		For Class 56 Rating, Add	*2,311.46*	
40 05 19 00-0269	EA	16" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,133.33	821.01
		For Class 52 Rating, Deduct	*-867.83*	
		For Class 54 Rating, Add	*1,198.33*	
		For Class 55 Rating, Add	*1,789.19*	
		For Class 56 Rating, Add	*2,372.15*	
40 05 19 00-0270	EA	16" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,344.06	824.78
		For Class 52 Rating, Deduct	*-890.38*	
		For Class 54 Rating, Add	*1,229.16*	
		For Class 55 Rating, Add	*1,835.04*	
		For Class 56 Rating, Add	*2,432.84*	
40 05 19 00-0271	EA	16" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,554.79	828.54
		For Class 52 Rating, Deduct	*-912.94*	
		For Class 54 Rating, Add	*1,259.98*	
		For Class 55 Rating, Add	*1,880.90*	
		For Class 56 Rating, Add	*2,493.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0272	EA	16" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,765.52	832.30
		For Class 52 Rating, Deduct	*-935.49*	
		For Class 54 Rating, Add	*1,290.80*	
		For Class 55 Rating, Add	*1,926.76*	
		For Class 56 Rating, Add	*2,554.21*	
40 05 19 00-0273	EA	16" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,976.24	836.08
		For Class 52 Rating, Deduct	*-958.04*	
		For Class 54 Rating, Add	*1,321.62*	
		For Class 55 Rating, Add	*1,972.61*	
		For Class 56 Rating, Add	*2,614.90*	
40 05 19 00-0274	EA	16" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,186.97	839.84
		For Class 52 Rating, Deduct	*-980.59*	
		For Class 54 Rating, Add	*1,352.44*	
		For Class 55 Rating, Add	*2,018.47*	
		For Class 56 Rating, Add	*2,675.58*	
40 05 19 00-0275	EA	16" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,397.70	843.60
		For Class 52 Rating, Deduct	*-1,003.15*	
		For Class 54 Rating, Add	*1,383.26*	
		For Class 55 Rating, Add	*2,064.33*	
		For Class 56 Rating, Add	*2,736.27*	
40 05 19 00-0276	EA	16" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,608.42	847.37
		For Class 52 Rating, Deduct	*-1,025.70*	
		For Class 54 Rating, Add	*1,414.09*	
		For Class 55 Rating, Add	*2,110.18*	
		For Class 56 Rating, Add	*2,796.96*	
40 05 19 00-0277	EA	16" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,819.15	851.14
		For Class 52 Rating, Deduct	*-1,048.25*	
		For Class 54 Rating, Add	*1,444.91*	
		For Class 55 Rating, Add	*2,156.04*	
		For Class 56 Rating, Add	*2,857.64*	
40 05 19 00-0278	EA	16" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,029.89	854.90
		For Class 52 Rating, Deduct	*-1,070.80*	
		For Class 54 Rating, Add	*1,475.73*	
		For Class 55 Rating, Add	*2,201.90*	
		For Class 56 Rating, Add	*2,918.33*	
40 05 19 00-0279	EA	16" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,240.61	858.67
		For Class 52 Rating, Deduct	*-1,093.36*	
		For Class 54 Rating, Add	*1,506.55*	
		For Class 55 Rating, Add	*2,247.76*	
		For Class 56 Rating, Add	*2,979.02*	
40 05 19 00-0280	EA	16" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,451.34	862.43
		For Class 52 Rating, Deduct	*-1,115.91*	
		For Class 54 Rating, Add	*1,537.37*	
		For Class 55 Rating, Add	*2,293.61*	
		For Class 56 Rating, Add	*3,039.70*	

40 05 19 00-0281 18" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0282	EA	18" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,251.00	814.98
		For Class 52 Rating, Deduct	*-331.78*	
		For Class 54 Rating, Add	*467.24*	
		For Class 55 Rating, Add	*702.24*	
		For Class 56 Rating, Add	*934.23*	
40 05 19 00-0283	EA	18" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,493.26	818.74
		For Class 52 Rating, Deduct	*-357.80*	
		For Class 54 Rating, Add	*502.80*	
		For Class 55 Rating, Add	*755.13*	
		For Class 56 Rating, Add	*1,004.22*	
40 05 19 00-0284	EA	18" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,735.54	822.52
		For Class 52 Rating, Deduct	*-383.82*	
		For Class 54 Rating, Add	*538.35*	
		For Class 55 Rating, Add	*808.03*	
		For Class 56 Rating, Add	*1,074.21*	
40 05 19 00-0285	EA	18" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,977.81	826.28
		For Class 52 Rating, Deduct	*-409.85*	
		For Class 54 Rating, Add	*573.90*	
		For Class 55 Rating, Add	*860.92*	
		For Class 56 Rating, Add	*1,144.20*	
40 05 19 00-0286	EA	18" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,220.07	830.04
		For Class 52 Rating, Deduct	*-435.87*	
		For Class 54 Rating, Add	*609.46*	
		For Class 55 Rating, Add	*913.81*	
		For Class 56 Rating, Add	*1,214.19*	
40 05 19 00-0287	EA	18" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,462.35	833.81
		For Class 52 Rating, Deduct	*-461.89*	
		For Class 54 Rating, Add	*645.01*	
		For Class 55 Rating, Add	*966.70*	
		For Class 56 Rating, Add	*1,284.19*	
40 05 19 00-0288	EA	18" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,704.62	837.58
		For Class 52 Rating, Deduct	*-487.91*	
		For Class 54 Rating, Add	*680.56*	
		For Class 55 Rating, Add	*1,019.59*	
		For Class 56 Rating, Add	*1,354.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0289	EA	18" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,946.88	841.34
		For Class 52 Rating, Deduct	*-513.93*	
		For Class 54 Rating, Add	*716.12*	
		For Class 55 Rating, Add	*1,072.48*	
		For Class 56 Rating, Add	*1,424.17*	
40 05 19 00-0290	EA	18" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,189.16	845.11
		For Class 52 Rating, Deduct	*-539.96*	
		For Class 54 Rating, Add	*751.67*	
		For Class 55 Rating, Add	*1,125.37*	
		For Class 56 Rating, Add	*1,494.16*	
40 05 19 00-0291	EA	18" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,431.42	848.87
		For Class 52 Rating, Deduct	*-565.98*	
		For Class 54 Rating, Add	*787.22*	
		For Class 55 Rating, Add	*1,178.26*	
		For Class 56 Rating, Add	*1,564.15*	
40 05 19 00-0292	EA	18" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,673.69	852.65
		For Class 52 Rating, Deduct	*-592.00*	
		For Class 54 Rating, Add	*822.77*	
		For Class 55 Rating, Add	*1,231.15*	
		For Class 56 Rating, Add	*1,634.14*	
40 05 19 00-0293	EA	18" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,915.97	856.41
		For Class 52 Rating, Deduct	*-618.02*	
		For Class 54 Rating, Add	*858.33*	
		For Class 55 Rating, Add	*1,284.04*	
		For Class 56 Rating, Add	*1,704.14*	
40 05 19 00-0294	EA	18" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,158.23	860.17
		For Class 52 Rating, Deduct	*-644.04*	
		For Class 54 Rating, Add	*893.88*	
		For Class 55 Rating, Add	*1,336.93*	
		For Class 56 Rating, Add	*1,774.13*	
40 05 19 00-0295	EA	18" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,400.50	863.94
		For Class 52 Rating, Deduct	*-670.07*	
		For Class 54 Rating, Add	*929.43*	
		For Class 55 Rating, Add	*1,389.82*	
		For Class 56 Rating, Add	*1,844.12*	
40 05 19 00-0296	EA	18" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,642.78	867.71
		For Class 52 Rating, Deduct	*-696.09*	
		For Class 54 Rating, Add	*964.99*	
		For Class 55 Rating, Add	*1,442.71*	
		For Class 56 Rating, Add	*1,914.11*	
40 05 19 00-0297	EA	18" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,885.04	871.47
		For Class 52 Rating, Deduct	*-722.11*	
		For Class 54 Rating, Add	*1,000.54*	
		For Class 55 Rating, Add	*1,495.60*	
		For Class 56 Rating, Add	*1,984.10*	
40 05 19 00-0298	EA	18" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,127.31	875.24
		For Class 52 Rating, Deduct	*-748.13*	
		For Class 54 Rating, Add	*1,036.09*	
		For Class 55 Rating, Add	*1,548.49*	
		For Class 56 Rating, Add	*2,054.09*	
40 05 19 00-0299	EA	18" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,369.59	879.01
		For Class 52 Rating, Deduct	*-774.15*	
		For Class 54 Rating, Add	*1,071.65*	
		For Class 55 Rating, Add	*1,601.38*	
		For Class 56 Rating, Add	*2,124.09*	
40 05 19 00-0300	EA	18" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,611.85	882.77
		For Class 52 Rating, Deduct	*-800.18*	
		For Class 54 Rating, Add	*1,107.20*	
		For Class 55 Rating, Add	*1,654.27*	
		For Class 56 Rating, Add	*2,194.08*	
40 05 19 00-0301	EA	18" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,854.12	886.54
		For Class 52 Rating, Deduct	*-826.20*	
		For Class 54 Rating, Add	*1,142.75*	
		For Class 55 Rating, Add	*1,707.16*	
		For Class 56 Rating, Add	*2,264.07*	
40 05 19 00-0302	EA	18" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,096.39	890.30
		For Class 52 Rating, Deduct	*-852.22*	
		For Class 54 Rating, Add	*1,178.30*	
		For Class 55 Rating, Add	*1,760.05*	
		For Class 56 Rating, Add	*2,334.06*	
40 05 19 00-0303	EA	18" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,338.66	894.07
		For Class 52 Rating, Deduct	*-878.24*	
		For Class 54 Rating, Add	*1,213.86*	
		For Class 55 Rating, Add	*1,812.95*	
		For Class 56 Rating, Add	*2,404.05*	
40 05 19 00-0304	EA	18" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,580.93	897.84
		For Class 52 Rating, Deduct	*-904.26*	
		For Class 54 Rating, Add	*1,249.41*	
		For Class 55 Rating, Add	*1,865.84*	
		For Class 56 Rating, Add	*2,474.04*	
40 05 19 00-0305	EA	18" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,823.20	901.60
		For Class 52 Rating, Deduct	*-930.28*	
		For Class 54 Rating, Add	*1,284.96*	
		For Class 55 Rating, Add	*1,918.73*	
		For Class 56 Rating, Add	*2,544.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0306	EA	18" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,065.47	905.36
		For Class 52 Rating, Deduct	*-956.31*	
		For Class 54 Rating, Add	*1,320.52*	
		For Class 55 Rating, Add	*1,971.62*	
		For Class 56 Rating, Add	*2,614.03*	
40 05 19 00-0307	EA	18" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,307.74	909.14
		For Class 52 Rating, Deduct	*-982.33*	
		For Class 54 Rating, Add	*1,356.07*	
		For Class 55 Rating, Add	*2,024.51*	
		For Class 56 Rating, Add	*2,684.02*	
40 05 19 00-0308	EA	18" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,550.01	912.90
		For Class 52 Rating, Deduct	*-1,008.35*	
		For Class 54 Rating, Add	*1,391.62*	
		For Class 55 Rating, Add	*2,077.40*	
		For Class 56 Rating, Add	*2,754.01*	
40 05 19 00-0309	EA	18" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,792.28	916.66
		For Class 52 Rating, Deduct	*-1,034.37*	
		For Class 54 Rating, Add	*1,427.18*	
		For Class 55 Rating, Add	*2,130.29*	
		For Class 56 Rating, Add	*2,824.00*	
40 05 19 00-0310	EA	18" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,034.55	920.43
		For Class 52 Rating, Deduct	*-1,060.39*	
		For Class 54 Rating, Add	*1,462.73*	
		For Class 55 Rating, Add	*2,183.18*	
		For Class 56 Rating, Add	*2,893.99*	
40 05 19 00-0311	EA	18" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,276.81	924.20
		For Class 52 Rating, Deduct	*-1,086.42*	
		For Class 54 Rating, Add	*1,498.28*	
		For Class 55 Rating, Add	*2,236.07*	
		For Class 56 Rating, Add	*2,963.98*	
40 05 19 00-0312	EA	18" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,519.08	927.97
		For Class 52 Rating, Deduct	*-1,112.44*	
		For Class 54 Rating, Add	*1,533.83*	
		For Class 55 Rating, Add	*2,288.96*	
		For Class 56 Rating, Add	*3,033.97*	
40 05 19 00-0313	EA	18" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,761.35	931.73
		For Class 52 Rating, Deduct	*-1,138.46*	
		For Class 54 Rating, Add	*1,569.39*	
		For Class 55 Rating, Add	*2,341.85*	
		For Class 56 Rating, Add	*3,103.97*	
40 05 19 00-0314	EA	18" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,003.61	935.49
		For Class 52 Rating, Deduct	*-1,164.48*	
		For Class 54 Rating, Add	*1,604.94*	
		For Class 55 Rating, Add	*2,394.74*	
		For Class 56 Rating, Add	*3,173.96*	
40 05 19 00-0315	EA	18" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,245.89	939.27
		For Class 52 Rating, Deduct	*-1,190.50*	
		For Class 54 Rating, Add	*1,640.49*	
		For Class 55 Rating, Add	*2,447.63*	
		For Class 56 Rating, Add	*3,243.95*	
40 05 19 00-0316	EA	18" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,488.16	943.03
		For Class 52 Rating, Deduct	*-1,216.53*	
		For Class 54 Rating, Add	*1,676.05*	
		For Class 55 Rating, Add	*2,500.52*	
		For Class 56 Rating, Add	*3,313.94*	
40 05 19 00-0317	EA	18" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,730.42	946.79
		For Class 52 Rating, Deduct	*-1,242.55*	
		For Class 54 Rating, Add	*1,711.60*	
		For Class 55 Rating, Add	*2,553.41*	
		For Class 56 Rating, Add	*3,383.93*	
40 05 19 00-0318	EA	18" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,972.70	950.56
		For Class 52 Rating, Deduct	*-1,268.57*	
		For Class 54 Rating, Add	*1,747.15*	
		For Class 55 Rating, Add	*2,606.30*	
		For Class 56 Rating, Add	*3,453.92*	
40 05 19 00-0319	EA	18" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,214.97	954.33
		For Class 52 Rating, Deduct	*-1,294.59*	
		For Class 54 Rating, Add	*1,782.70*	
		For Class 55 Rating, Add	*2,659.19*	
		For Class 56 Rating, Add	*3,523.92*	

40 05 19 00-0320 20" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0321	EA	20" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,975.62	930.22
		For Class 52 Rating, Deduct	*-392.28*	
		For Class 54 Rating, Add	*551.84*	
		For Class 55 Rating, Add	*829.09*	
		For Class 56 Rating, Add	*1,102.77*	
40 05 19 00-0322	EA	20" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,253.37	933.99
		For Class 52 Rating, Deduct	*-422.21*	
		For Class 54 Rating, Add	*592.72*	
		For Class 55 Rating, Add	*889.89*	
		For Class 56 Rating, Add	*1,183.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0323	EA	20" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,531.13	937.76
		For Class 52 Rating, Deduct	*-452.13*	
		For Class 54 Rating, Add	*633.59*	
		For Class 55 Rating, Add	*950.69*	
		For Class 56 Rating, Add	*1,263.69*	
40 05 19 00-0324	EA	20" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,808.88	941.52
		For Class 52 Rating, Deduct	*-482.06*	
		For Class 54 Rating, Add	*674.47*	
		For Class 55 Rating, Add	*1,011.50*	
		For Class 56 Rating, Add	*1,344.14*	
40 05 19 00-0325	EA	20" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,086.63	945.29
		For Class 52 Rating, Deduct	*-511.98*	
		For Class 54 Rating, Add	*715.34*	
		For Class 55 Rating, Add	*1,072.30*	
		For Class 56 Rating, Add	*1,424.60*	
40 05 19 00-0326	EA	20" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,364.39	949.05
		For Class 52 Rating, Deduct	*-541.91*	
		For Class 54 Rating, Add	*756.22*	
		For Class 55 Rating, Add	*1,133.10*	
		For Class 56 Rating, Add	*1,505.06*	
40 05 19 00-0327	EA	20" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,642.15	952.82
		For Class 52 Rating, Deduct	*-571.83*	
		For Class 54 Rating, Add	*797.10*	
		For Class 55 Rating, Add	*1,193.91*	
		For Class 56 Rating, Add	*1,585.52*	
40 05 19 00-0328	EA	20" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,919.89	956.59
		For Class 52 Rating, Deduct	*-601.76*	
		For Class 54 Rating, Add	*837.97*	
		For Class 55 Rating, Add	*1,254.71*	
		For Class 56 Rating, Add	*1,665.98*	
40 05 19 00-0329	EA	20" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,197.65	960.35
		For Class 52 Rating, Deduct	*-631.68*	
		For Class 54 Rating, Add	*878.85*	
		For Class 55 Rating, Add	*1,315.52*	
		For Class 56 Rating, Add	*1,746.44*	
40 05 19 00-0330	EA	20" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,475.41	964.11
		For Class 52 Rating, Deduct	*-661.61*	
		For Class 54 Rating, Add	*919.72*	
		For Class 55 Rating, Add	*1,376.32*	
		For Class 56 Rating, Add	*1,826.90*	
40 05 19 00-0331	EA	20" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,753.16	967.89
		For Class 52 Rating, Deduct	*-691.53*	
		For Class 54 Rating, Add	*960.60*	
		For Class 55 Rating, Add	*1,437.12*	
		For Class 56 Rating, Add	*1,907.36*	
40 05 19 00-0332	EA	20" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,030.91	971.65
		For Class 52 Rating, Deduct	*-721.46*	
		For Class 54 Rating, Add	*1,001.47*	
		For Class 55 Rating, Add	*1,497.93*	
		For Class 56 Rating, Add	*1,987.82*	
40 05 19 00-0333	EA	20" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,308.67	975.42
		For Class 52 Rating, Deduct	*-751.38*	
		For Class 54 Rating, Add	*1,042.35*	
		For Class 55 Rating, Add	*1,558.73*	
		For Class 56 Rating, Add	*2,068.28*	
40 05 19 00-0334	EA	20" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,586.42	979.18
		For Class 52 Rating, Deduct	*-781.31*	
		For Class 54 Rating, Add	*1,083.22*	
		For Class 55 Rating, Add	*1,619.53*	
		For Class 56 Rating, Add	*2,148.74*	
40 05 19 00-0335	EA	20" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,864.18	982.95
		For Class 52 Rating, Deduct	*-811.23*	
		For Class 54 Rating, Add	*1,124.10*	
		For Class 55 Rating, Add	*1,680.34*	
		For Class 56 Rating, Add	*2,229.20*	
40 05 19 00-0336	EA	20" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,141.94	986.72
		For Class 52 Rating, Deduct	*-841.16*	
		For Class 54 Rating, Add	*1,164.98*	
		For Class 55 Rating, Add	*1,741.14*	
		For Class 56 Rating, Add	*2,309.66*	
40 05 19 00-0337	EA	20" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,419.68	990.48
		For Class 52 Rating, Deduct	*-871.08*	
		For Class 54 Rating, Add	*1,205.85*	
		For Class 55 Rating, Add	*1,801.94*	
		For Class 56 Rating, Add	*2,390.12*	
40 05 19 00-0338	EA	20" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,697.44	994.24
		For Class 52 Rating, Deduct	*-901.01*	
		For Class 54 Rating, Add	*1,246.73*	
		For Class 55 Rating, Add	*1,862.75*	
		For Class 56 Rating, Add	*2,470.58*	
40 05 19 00-0339	EA	20" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,975.19	998.02
		For Class 52 Rating, Deduct	*-930.94*	
		For Class 54 Rating, Add	*1,287.60*	
		For Class 55 Rating, Add	*1,923.55*	
		For Class 56 Rating, Add	*2,551.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0340	EA	20" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,252.95	1,001.78
		For Class 52 Rating, Deduct	*-960.86*	
		For Class 54 Rating, Add	*1,328.48*	
		For Class 55 Rating, Add	*1,984.36*	
		For Class 56 Rating, Add	*2,631.50*	
40 05 19 00-0341	EA	20" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,530.70	1,005.54
		For Class 52 Rating, Deduct	*-990.79*	
		For Class 54 Rating, Add	*1,369.35*	
		For Class 55 Rating, Add	*2,045.16*	
		For Class 56 Rating, Add	*2,711.95*	
40 05 19 00-0342	EA	20" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,808.45	1,009.31
		For Class 52 Rating, Deduct	*-1,020.71*	
		For Class 54 Rating, Add	*1,410.23*	
		For Class 55 Rating, Add	*2,105.96*	
		For Class 56 Rating, Add	*2,792.41*	
40 05 19 00-0343	EA	20" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,086.21	1,013.08
		For Class 52 Rating, Deduct	*-1,050.64*	
		For Class 54 Rating, Add	*1,451.11*	
		For Class 55 Rating, Add	*2,166.77*	
		For Class 56 Rating, Add	*2,872.87*	
40 05 19 00-0344	EA	20" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,363.97	1,016.84
		For Class 52 Rating, Deduct	*-1,080.56*	
		For Class 54 Rating, Add	*1,491.98*	
		For Class 55 Rating, Add	*2,227.57*	
		For Class 56 Rating, Add	*2,953.34*	
40 05 19 00-0345	EA	20" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,641.70	1,020.61
		For Class 52 Rating, Deduct	*-1,110.49*	
		For Class 54 Rating, Add	*1,532.86*	
		For Class 55 Rating, Add	*2,288.37*	
		For Class 56 Rating, Add	*3,033.79*	
40 05 19 00-0346	EA	20" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,919.46	1,024.38
		For Class 52 Rating, Deduct	*-1,140.41*	
		For Class 54 Rating, Add	*1,573.73*	
		For Class 55 Rating, Add	*2,349.18*	
		For Class 56 Rating, Add	*3,114.25*	
40 05 19 00-0347	EA	20" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,197.22	1,028.14
		For Class 52 Rating, Deduct	*-1,170.34*	
		For Class 54 Rating, Add	*1,614.61*	
		For Class 55 Rating, Add	*2,409.98*	
		For Class 56 Rating, Add	*3,194.71*	
40 05 19 00-0348	EA	20" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,474.97	1,031.91
		For Class 52 Rating, Deduct	*-1,200.26*	
		For Class 54 Rating, Add	*1,655.48*	
		For Class 55 Rating, Add	*2,470.78*	
		For Class 56 Rating, Add	*3,275.17*	
40 05 19 00-0349	EA	20" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,752.73	1,035.67
		For Class 52 Rating, Deduct	*-1,230.19*	
		For Class 54 Rating, Add	*1,696.36*	
		For Class 55 Rating, Add	*2,531.59*	
		For Class 56 Rating, Add	*3,355.63*	
40 05 19 00-0350	EA	20" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,030.48	1,039.44
		For Class 52 Rating, Deduct	*-1,260.11*	
		For Class 54 Rating, Add	*1,737.23*	
		For Class 55 Rating, Add	*2,592.39*	
		For Class 56 Rating, Add	*3,436.09*	
40 05 19 00-0351	EA	20" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,308.23	1,043.21
		For Class 52 Rating, Deduct	*-1,290.04*	
		For Class 54 Rating, Add	*1,778.11*	
		For Class 55 Rating, Add	*2,653.19*	
		For Class 56 Rating, Add	*3,516.55*	
40 05 19 00-0352	EA	20" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,585.99	1,046.97
		For Class 52 Rating, Deduct	*-1,319.96*	
		For Class 54 Rating, Add	*1,818.99*	
		For Class 55 Rating, Add	*2,714.00*	
		For Class 56 Rating, Add	*3,597.01*	
40 05 19 00-0353	EA	20" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,863.75	1,050.74
		For Class 52 Rating, Deduct	*-1,349.89*	
		For Class 54 Rating, Add	*1,859.86*	
		For Class 55 Rating, Add	*2,774.80*	
		For Class 56 Rating, Add	*3,677.47*	
40 05 19 00-0354	EA	20" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,141.49	1,054.51
		For Class 52 Rating, Deduct	*-1,379.81*	
		For Class 54 Rating, Add	*1,900.74*	
		For Class 55 Rating, Add	*2,835.60*	
		For Class 56 Rating, Add	*3,757.93*	
40 05 19 00-0355	EA	20" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,419.25	1,058.27
		For Class 52 Rating, Deduct	*-1,409.74*	
		For Class 54 Rating, Add	*1,941.61*	
		For Class 55 Rating, Add	*2,896.41*	
		For Class 56 Rating, Add	*3,838.39*	
40 05 19 00-0356	EA	20" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,697.01	1,062.04
		For Class 52 Rating, Deduct	*-1,439.66*	
		For Class 54 Rating, Add	*1,982.49*	
		For Class 55 Rating, Add	*2,957.21*	
		For Class 56 Rating, Add	*3,918.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0357	EA	20" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,974.76	1,065.80
		For Class 52 Rating, Deduct	*-1,469.59*	
		For Class 54 Rating, Add	*2,023.36*	
		For Class 55 Rating, Add	*3,018.02*	
		For Class 56 Rating, Add	*3,999.31*	
40 05 19 00-0358	EA	20" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,252.51	1,069.57
		For Class 52 Rating, Deduct	*-1,499.51*	
		For Class 54 Rating, Add	*2,064.24*	
		For Class 55 Rating, Add	*3,078.82*	
		For Class 56 Rating, Add	*4,079.77*	

40 05 19 00-0359 24" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0360	EA	24" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,117.54	1,099.70
		For Class 52 Rating, Deduct	*-489.65*	
		For Class 54 Rating, Add	*687.69*	
		For Class 55 Rating, Add	*1,032.64*	
		For Class 56 Rating, Add	*1,373.13*	
40 05 19 00-0361	EA	24" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,460.35	1,103.46
		For Class 52 Rating, Deduct	*-526.73*	
		For Class 54 Rating, Add	*738.33*	
		For Class 55 Rating, Add	*1,107.95*	
		For Class 56 Rating, Add	*1,472.78*	
40 05 19 00-0362	EA	24" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,803.16	1,107.23
		For Class 52 Rating, Deduct	*-563.81*	
		For Class 54 Rating, Add	*788.96*	
		For Class 55 Rating, Add	*1,183.26*	
		For Class 56 Rating, Add	*1,572.43*	
40 05 19 00-0363	EA	24" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,145.97	1,110.99
		For Class 52 Rating, Deduct	*-600.89*	
		For Class 54 Rating, Add	*839.60*	
		For Class 55 Rating, Add	*1,258.57*	
		For Class 56 Rating, Add	*1,672.08*	
40 05 19 00-0364	EA	24" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,488.78	1,114.76
		For Class 52 Rating, Deduct	*-637.97*	
		For Class 54 Rating, Add	*890.23*	
		For Class 55 Rating, Add	*1,333.88*	
		For Class 56 Rating, Add	*1,771.73*	
40 05 19 00-0365	EA	24" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,831.58	1,118.53
		For Class 52 Rating, Deduct	*-675.05*	
		For Class 54 Rating, Add	*940.86*	
		For Class 55 Rating, Add	*1,409.19*	
		For Class 56 Rating, Add	*1,871.38*	
40 05 19 00-0366	EA	24" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,174.40	1,122.29
		For Class 52 Rating, Deduct	*-712.13*	
		For Class 54 Rating, Add	*991.50*	
		For Class 55 Rating, Add	*1,484.50*	
		For Class 56 Rating, Add	*1,971.03*	
40 05 19 00-0367	EA	24" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,517.21	1,126.07
		For Class 52 Rating, Deduct	*-749.22*	
		For Class 54 Rating, Add	*1,042.13*	
		For Class 55 Rating, Add	*1,559.81*	
		For Class 56 Rating, Add	*2,070.68*	
40 05 19 00-0368	EA	24" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,860.01	1,129.83
		For Class 52 Rating, Deduct	*-786.30*	
		For Class 54 Rating, Add	*1,092.76*	
		For Class 55 Rating, Add	*1,635.12*	
		For Class 56 Rating, Add	*2,170.33*	
40 05 19 00-0369	EA	24" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,202.82	1,133.59
		For Class 52 Rating, Deduct	*-823.38*	
		For Class 54 Rating, Add	*1,143.40*	
		For Class 55 Rating, Add	*1,710.43*	
		For Class 56 Rating, Add	*2,269.98*	
40 05 19 00-0370	EA	24" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,545.64	1,137.36
		For Class 52 Rating, Deduct	*-860.46*	
		For Class 54 Rating, Add	*1,194.03*	
		For Class 55 Rating, Add	*1,785.75*	
		For Class 56 Rating, Add	*2,369.63*	
40 05 19 00-0371	EA	24" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,888.43	1,141.13
		For Class 52 Rating, Deduct	*-897.54*	
		For Class 54 Rating, Add	*1,244.67*	
		For Class 55 Rating, Add	*1,861.05*	
		For Class 56 Rating, Add	*2,469.28*	
40 05 19 00-0372	EA	24" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,231.24	1,144.89
		For Class 52 Rating, Deduct	*-934.62*	
		For Class 54 Rating, Add	*1,295.30*	
		For Class 55 Rating, Add	*1,936.37*	
		For Class 56 Rating, Add	*2,568.93*	
40 05 19 00-0373	EA	24" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,574.04	1,148.66
		For Class 52 Rating, Deduct	*-971.70*	
		For Class 54 Rating, Add	*1,345.93*	
		For Class 55 Rating, Add	*2,011.68*	
		For Class 56 Rating, Add	*2,668.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0374	EA	24" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,916.86	1,152.42
		For Class 52 Rating, Deduct	*-1,008.78*	
		For Class 54 Rating, Add	*1,396.57*	
		For Class 55 Rating, Add	*2,086.99*	
		For Class 56 Rating, Add	*2,768.24*	
40 05 19 00-0375	EA	24" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,259.67	1,156.19
		For Class 52 Rating, Deduct	*-1,045.87*	
		For Class 54 Rating, Add	*1,447.20*	
		For Class 55 Rating, Add	*2,162.30*	
		For Class 56 Rating, Add	*2,867.89*	
40 05 19 00-0376	EA	24" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,602.47	1,159.96
		For Class 52 Rating, Deduct	*-1,082.95*	
		For Class 54 Rating, Add	*1,497.84*	
		For Class 55 Rating, Add	*2,237.61*	
		For Class 56 Rating, Add	*2,967.54*	
40 05 19 00-0377	EA	24" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,945.28	1,163.72
		For Class 52 Rating, Deduct	*-1,120.03*	
		For Class 54 Rating, Add	*1,548.47*	
		For Class 55 Rating, Add	*2,312.92*	
		For Class 56 Rating, Add	*3,067.19*	
40 05 19 00-0378	EA	24" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,288.10	1,167.48
		For Class 52 Rating, Deduct	*-1,157.11*	
		For Class 54 Rating, Add	*1,599.10*	
		For Class 55 Rating, Add	*2,388.23*	
		For Class 56 Rating, Add	*3,166.84*	
40 05 19 00-0379	EA	24" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,630.90	1,171.26
		For Class 52 Rating, Deduct	*-1,194.19*	
		For Class 54 Rating, Add	*1,649.74*	
		For Class 55 Rating, Add	*2,463.54*	
		For Class 56 Rating, Add	*3,266.49*	
40 05 19 00-0380	EA	24" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,973.71	1,175.02
		For Class 52 Rating, Deduct	*-1,231.27*	
		For Class 54 Rating, Add	*1,700.37*	
		For Class 55 Rating, Add	*2,538.85*	
		For Class 56 Rating, Add	*3,366.14*	
40 05 19 00-0381	EA	24" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,316.52	1,178.78
		For Class 52 Rating, Deduct	*-1,268.35*	
		For Class 54 Rating, Add	*1,751.00*	
		For Class 55 Rating, Add	*2,614.16*	
		For Class 56 Rating, Add	*3,465.79*	
40 05 19 00-0382	EA	24" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,659.33	1,182.55
		For Class 52 Rating, Deduct	*-1,305.43*	
		For Class 54 Rating, Add	*1,801.64*	
		For Class 55 Rating, Add	*2,689.47*	
		For Class 56 Rating, Add	*3,565.44*	
40 05 19 00-0383	EA	24" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,002.14	1,186.32
		For Class 52 Rating, Deduct	*-1,342.52*	
		For Class 54 Rating, Add	*1,852.27*	
		For Class 55 Rating, Add	*2,764.78*	
		For Class 56 Rating, Add	*3,665.09*	
40 05 19 00-0384	EA	24" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,344.95	1,190.08
		For Class 52 Rating, Deduct	*-1,379.60*	
		For Class 54 Rating, Add	*1,902.91*	
		For Class 55 Rating, Add	*2,840.10*	
		For Class 56 Rating, Add	*3,764.74*	
40 05 19 00-0385	EA	24" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,687.75	1,193.85
		For Class 52 Rating, Deduct	*-1,416.68*	
		For Class 54 Rating, Add	*1,953.54*	
		For Class 55 Rating, Add	*2,915.41*	
		For Class 56 Rating, Add	*3,864.39*	
40 05 19 00-0386	EA	24" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,030.57	1,197.61
		For Class 52 Rating, Deduct	*-1,453.76*	
		For Class 54 Rating, Add	*2,004.17*	
		For Class 55 Rating, Add	*2,990.72*	
		For Class 56 Rating, Add	*3,964.04*	
40 05 19 00-0387	EA	24" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,373.38	1,201.38
		For Class 52 Rating, Deduct	*-1,490.84*	
		For Class 54 Rating, Add	*2,054.81*	
		For Class 55 Rating, Add	*3,066.03*	
		For Class 56 Rating, Add	*4,063.69*	
40 05 19 00-0388	EA	24" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,716.18	1,205.15
		For Class 52 Rating, Deduct	*-1,527.92*	
		For Class 54 Rating, Add	*2,105.44*	
		For Class 55 Rating, Add	*3,141.34*	
		For Class 56 Rating, Add	*4,163.34*	
40 05 19 00-0389	EA	24" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,156.00	1,272.94
		For Class 52 Rating, Deduct	*-1,565.00*	
		For Class 54 Rating, Add	*2,157.24*	
		For Class 55 Rating, Add	*3,218.98*	
		For Class 56 Rating, Add	*4,266.49*	
40 05 19 00-0390	EA	24" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,498.81	1,276.70
		For Class 52 Rating, Deduct	*-1,602.09*	
		For Class 54 Rating, Add	*2,207.87*	
		For Class 55 Rating, Add	*3,294.29*	
		For Class 56 Rating, Add	*4,366.14*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0391	EA	24" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,841.61	1,280.47
		For Class 52 Rating, Deduct	*-1,639.17*	
		For Class 54 Rating, Add	*2,258.51*	
		For Class 55 Rating, Add	*3,369.60*	
		For Class 56 Rating, Add	*4,465.79*	
40 05 19 00-0392	EA	24" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,184.42	1,284.23
		For Class 52 Rating, Deduct	*-1,676.25*	
		For Class 54 Rating, Add	*2,309.14*	
		For Class 55 Rating, Add	*3,444.91*	
		For Class 56 Rating, Add	*4,565.44*	
40 05 19 00-0393	EA	24" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,527.24	1,288.01
		For Class 52 Rating, Deduct	*-1,713.33*	
		For Class 54 Rating, Add	*2,359.78*	
		For Class 55 Rating, Add	*3,520.22*	
		For Class 56 Rating, Add	*4,665.09*	
40 05 19 00-0394	EA	24" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,870.04	1,291.77
		For Class 52 Rating, Deduct	*-1,750.41*	
		For Class 54 Rating, Add	*2,410.41*	
		For Class 55 Rating, Add	*3,595.53*	
		For Class 56 Rating, Add	*4,764.74*	
40 05 19 00-0395	EA	24" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,212.85	1,295.53
		For Class 52 Rating, Deduct	*-1,787.49*	
		For Class 54 Rating, Add	*2,461.04*	
		For Class 55 Rating, Add	*3,670.84*	
		For Class 56 Rating, Add	*4,864.39*	
40 05 19 00-0396	EA	24" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,555.66	1,299.30
		For Class 52 Rating, Deduct	*-1,824.57*	
		For Class 54 Rating, Add	*2,511.68*	
		For Class 55 Rating, Add	*3,746.15*	
		For Class 56 Rating, Add	*4,964.04*	
40 05 19 00-0397	EA	24" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,898.47	1,303.07
		For Class 52 Rating, Deduct	*-1,861.65*	
		For Class 54 Rating, Add	*2,562.31*	
		For Class 55 Rating, Add	*3,821.47*	
		For Class 56 Rating, Add	*5,063.69*	
40 05 19 00-0398		30" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0399	EA	30" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,428.13	1,551.63
		For Class 52 Rating, Deduct	*-778.49*	
		For Class 54 Rating, Add	*1,089.79*	
		For Class 55 Rating, Add	*1,634.63*	
		For Class 56 Rating, Add	*2,172.40*	
40 05 19 00-0400	EA	30" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,920.77	1,555.39
		For Class 52 Rating, Deduct	*-832.05*	
		For Class 54 Rating, Add	*1,162.90*	
		For Class 55 Rating, Add	*1,743.36*	
		For Class 56 Rating, Add	*2,316.25*	
40 05 19 00-0401	EA	30" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,413.39	1,559.16
		For Class 52 Rating, Deduct	*-885.61*	
		For Class 54 Rating, Add	*1,236.00*	
		For Class 55 Rating, Add	*1,852.08*	
		For Class 56 Rating, Add	*2,460.10*	
40 05 19 00-0402	EA	30" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,906.03	1,562.93
		For Class 52 Rating, Deduct	*-939.18*	
		For Class 54 Rating, Add	*1,309.11*	
		For Class 55 Rating, Add	*1,960.80*	
		For Class 56 Rating, Add	*2,603.95*	
40 05 19 00-0403	EA	30" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,398.67	1,566.69
		For Class 52 Rating, Deduct	*-992.74*	
		For Class 54 Rating, Add	*1,382.22*	
		For Class 55 Rating, Add	*2,069.52*	
		For Class 56 Rating, Add	*2,747.80*	
40 05 19 00-0404	EA	30" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,891.29	1,570.46
		For Class 52 Rating, Deduct	*-1,046.30*	
		For Class 54 Rating, Add	*1,455.33*	
		For Class 55 Rating, Add	*2,178.24*	
		For Class 56 Rating, Add	*2,891.65*	
40 05 19 00-0405	EA	30" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,383.93	1,574.22
		For Class 52 Rating, Deduct	*-1,099.86*	
		For Class 54 Rating, Add	*1,528.43*	
		For Class 55 Rating, Add	*2,286.96*	
		For Class 56 Rating, Add	*3,035.50*	
40 05 19 00-0406	EA	30" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,876.56	1,577.99
		For Class 52 Rating, Deduct	*-1,153.42*	
		For Class 54 Rating, Add	*1,601.54*	
		For Class 55 Rating, Add	*2,395.68*	
		For Class 56 Rating, Add	*3,179.34*	
40 05 19 00-0407	EA	30" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,369.19	1,581.76
		For Class 52 Rating, Deduct	*-1,206.98*	
		For Class 54 Rating, Add	*1,674.65*	
		For Class 55 Rating, Add	*2,504.41*	
		For Class 56 Rating, Add	*3,323.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0408	EA	30" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,861.83	1,585.52
		For Class 52 Rating, Deduct	*-1,260.55*	
		For Class 54 Rating, Add	*1,747.76*	
		For Class 55 Rating, Add	*2,613.13*	
		For Class 56 Rating, Add	*3,467.04*	
40 05 19 00-0409	EA	30" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,354.46	1,589.29
		For Class 52 Rating, Deduct	*-1,314.11*	
		For Class 54 Rating, Add	*1,820.86*	
		For Class 55 Rating, Add	*2,721.85*	
		For Class 56 Rating, Add	*3,610.89*	
40 05 19 00-0410	EA	30" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,847.09	1,593.06
		For Class 52 Rating, Deduct	*-1,367.67*	
		For Class 54 Rating, Add	*1,893.97*	
		For Class 55 Rating, Add	*2,830.57*	
		For Class 56 Rating, Add	*3,754.74*	
40 05 19 00-0411	EA	30" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,339.72	1,596.82
		For Class 52 Rating, Deduct	*-1,421.23*	
		For Class 54 Rating, Add	*1,967.08*	
		For Class 55 Rating, Add	*2,939.29*	
		For Class 56 Rating, Add	*3,898.59*	
40 05 19 00-0412	EA	30" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,832.36	1,600.59
		For Class 52 Rating, Deduct	*-1,474.79*	
		For Class 54 Rating, Add	*2,040.18*	
		For Class 55 Rating, Add	*3,048.01*	
		For Class 56 Rating, Add	*4,042.43*	
40 05 19 00-0413	EA	30" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,324.99	1,604.35
		For Class 52 Rating, Deduct	*-1,528.36*	
		For Class 54 Rating, Add	*2,113.29*	
		For Class 55 Rating, Add	*3,156.74*	
		For Class 56 Rating, Add	*4,186.28*	
40 05 19 00-0414	EA	30" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,817.62	1,608.12
		For Class 52 Rating, Deduct	*-1,581.92*	
		For Class 54 Rating, Add	*2,186.40*	
		For Class 55 Rating, Add	*3,265.46*	
		For Class 56 Rating, Add	*4,330.13*	
40 05 19 00-0415	EA	30" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,310.26	1,611.89
		For Class 52 Rating, Deduct	*-1,635.48*	
		For Class 54 Rating, Add	*2,259.51*	
		For Class 55 Rating, Add	*3,374.18*	
		For Class 56 Rating, Add	*4,473.98*	
40 05 19 00-0416	EA	30" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,802.88	1,615.65
		For Class 52 Rating, Deduct	*-1,689.04*	
		For Class 54 Rating, Add	*2,332.61*	
		For Class 55 Rating, Add	*3,482.90*	
		For Class 56 Rating, Add	*4,617.83*	
40 05 19 00-0417	EA	30" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,295.51	1,619.41
		For Class 52 Rating, Deduct	*-1,742.60*	
		For Class 54 Rating, Add	*2,405.72*	
		For Class 55 Rating, Add	*3,591.62*	
		For Class 56 Rating, Add	*4,761.68*	
40 05 19 00-0418	EA	30" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,788.13	1,623.19
		For Class 52 Rating, Deduct	*-1,796.16*	
		For Class 54 Rating, Add	*2,478.83*	
		For Class 55 Rating, Add	*3,700.34*	
		For Class 56 Rating, Add	*4,905.52*	
40 05 19 00-0419	EA	30" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,280.77	1,626.95
		For Class 52 Rating, Deduct	*-1,849.73*	
		For Class 54 Rating, Add	*2,551.94*	
		For Class 55 Rating, Add	*3,809.06*	
		For Class 56 Rating, Add	*5,049.37*	
40 05 19 00-0420	EA	30" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,773.41	1,630.71
		For Class 52 Rating, Deduct	*-1,903.29*	
		For Class 54 Rating, Add	*2,625.04*	
		For Class 55 Rating, Add	*3,917.79*	
		For Class 56 Rating, Add	*5,193.22*	
40 05 19 00-0421	EA	30" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,266.03	1,634.49
		For Class 52 Rating, Deduct	*-1,956.85*	
		For Class 54 Rating, Add	*2,698.15*	
		For Class 55 Rating, Add	*4,026.51*	
		For Class 56 Rating, Add	*5,337.07*	
40 05 19 00-0422	EA	30" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,758.67	1,638.25
		For Class 52 Rating, Deduct	*-2,010.41*	
		For Class 54 Rating, Add	*2,771.26*	
		For Class 55 Rating, Add	*4,135.23*	
		For Class 56 Rating, Add	*5,480.92*	
40 05 19 00-0423	EA	30" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,249.33	1,642.01
		For Class 52 Rating, Deduct	*-2,063.76*	
		For Class 54 Rating, Add	*2,844.07*	
		For Class 55 Rating, Add	*4,243.51*	
		For Class 56 Rating, Add	*5,624.19*	
40 05 19 00-0424	EA	30" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,743.93	1,645.78
		For Class 52 Rating, Deduct	*-2,117.54*	
		For Class 54 Rating, Add	*2,917.47*	
		For Class 55 Rating, Add	*4,352.67*	
		For Class 56 Rating, Add	*5,768.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0425	EA	30" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,236.57	1,649.55
		For Class 52 Rating, Deduct	*-2,171.10*	
		For Class 54 Rating, Add	*2,990.58*	
		For Class 55 Rating, Add	*4,461.39*	
		For Class 56 Rating, Add	*5,912.47*	
40 05 19 00-0426	EA	30" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,729.20	1,653.31
		For Class 52 Rating, Deduct	*-2,224.66*	
		For Class 54 Rating, Add	*3,063.69*	
		For Class 55 Rating, Add	*4,570.11*	
		For Class 56 Rating, Add	*6,056.31*	
40 05 19 00-0427	EA	30" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,221.83	1,657.08
		For Class 52 Rating, Deduct	*-2,278.22*	
		For Class 54 Rating, Add	*3,136.80*	
		For Class 55 Rating, Add	*4,678.83*	
		For Class 56 Rating, Add	*6,200.16*	
40 05 19 00-0428	EA	30" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,714.46	1,660.84
		For Class 52 Rating, Deduct	*-2,331.78*	
		For Class 54 Rating, Add	*3,209.90*	
		For Class 55 Rating, Add	*4,787.56*	
		For Class 56 Rating, Add	*6,344.01*	
40 05 19 00-0429	EA	30" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,207.10	1,664.61
		For Class 52 Rating, Deduct	*-2,385.35*	
		For Class 54 Rating, Add	*3,283.01*	
		For Class 55 Rating, Add	*4,896.28*	
		For Class 56 Rating, Add	*6,487.86*	
40 05 19 00-0430	EA	30" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,699.73	1,668.38
		For Class 52 Rating, Deduct	*-2,438.91*	
		For Class 54 Rating, Add	*3,356.12*	
		For Class 55 Rating, Add	*5,005.00*	
		For Class 56 Rating, Add	*6,631.71*	
40 05 19 00-0431	EA	30" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,192.36	1,672.14
		For Class 52 Rating, Deduct	*-2,492.47*	
		For Class 54 Rating, Add	*3,429.22*	
		For Class 55 Rating, Add	*5,113.72*	
		For Class 56 Rating, Add	*6,775.56*	
40 05 19 00-0432	EA	30" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,685.00	1,675.91
		For Class 52 Rating, Deduct	*-2,546.03*	
		For Class 54 Rating, Add	*3,502.33*	
		For Class 55 Rating, Add	*5,222.44*	
		For Class 56 Rating, Add	*6,919.41*	
40 05 19 00-0433	EA	30" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,177.62	1,679.68
		For Class 52 Rating, Deduct	*-2,599.59*	
		For Class 54 Rating, Add	*3,575.44*	
		For Class 55 Rating, Add	*5,331.16*	
		For Class 56 Rating, Add	*7,063.25*	
40 05 19 00-0434	EA	30" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,670.26	1,683.44
		For Class 52 Rating, Deduct	*-2,653.15*	
		For Class 54 Rating, Add	*3,648.55*	
		For Class 55 Rating, Add	*5,439.88*	
		For Class 56 Rating, Add	*7,207.10*	
40 05 19 00-0435	EA	30" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,162.90	1,687.21
		For Class 52 Rating, Deduct	*-2,706.72*	
		For Class 54 Rating, Add	*3,721.65*	
		For Class 55 Rating, Add	*5,548.61*	
		For Class 56 Rating, Add	*7,350.95*	
40 05 19 00-0436	EA	30" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,655.52	1,690.97
		For Class 52 Rating, Deduct	*-2,760.28*	
		For Class 54 Rating, Add	*3,794.76*	
		For Class 55 Rating, Add	*5,657.33*	
		For Class 56 Rating, Add	*7,494.80*	
40 05 19 00-0437		36" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0438	EA	36" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,105.52	1,965.89
		For Class 52 Rating, Deduct	*-1,113.96*	
		For Class 54 Rating, Add	*1,554.78*	
		For Class 55 Rating, Add	*2,329.78*	
		For Class 56 Rating, Add	*3,094.66*	
40 05 19 00-0439	EA	36" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,773.59	1,969.67
		For Class 52 Rating, Deduct	*-1,186.82*	
		For Class 54 Rating, Add	*1,654.20*	
		For Class 55 Rating, Add	*2,477.63*	
		For Class 56 Rating, Add	*3,290.26*	
40 05 19 00-0440	EA	36" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,441.68	1,973.43
		For Class 52 Rating, Deduct	*-1,259.68*	
		For Class 54 Rating, Add	*1,753.63*	
		For Class 55 Rating, Add	*2,625.47*	
		For Class 56 Rating, Add	*3,485.87*	
40 05 19 00-0441	EA	36" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,109.77	1,977.20
		For Class 52 Rating, Deduct	*-1,332.54*	
		For Class 54 Rating, Add	*1,853.05*	
		For Class 55 Rating, Add	*2,773.32*	
		For Class 56 Rating, Add	*3,681.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0442	EA	36" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,777.83	1,980.96
		For Class 52 Rating, Deduct	*-1,405.40*	
		For Class 54 Rating, Add	*1,952.47*	
		For Class 55 Rating, Add	*2,921.17*	
		For Class 56 Rating, Add	*3,877.08*	
40 05 19 00-0443	EA	36" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,445.92	1,984.73
		For Class 52 Rating, Deduct	*-1,478.26*	
		For Class 54 Rating, Add	*2,051.90*	
		For Class 55 Rating, Add	*3,069.02*	
		For Class 56 Rating, Add	*4,072.69*	
40 05 19 00-0444	EA	36" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,114.01	1,988.50
		For Class 52 Rating, Deduct	*-1,551.13*	
		For Class 54 Rating, Add	*2,151.33*	
		For Class 55 Rating, Add	*3,216.86*	
		For Class 56 Rating, Add	*4,268.30*	
40 05 19 00-0445	EA	36" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,782.09	1,992.26
		For Class 52 Rating, Deduct	*-1,623.99*	
		For Class 54 Rating, Add	*2,250.75*	
		For Class 55 Rating, Add	*3,364.71*	
		For Class 56 Rating, Add	*4,463.91*	
40 05 19 00-0446	EA	36" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,450.17	1,996.02
		For Class 52 Rating, Deduct	*-1,696.85*	
		For Class 54 Rating, Add	*2,350.17*	
		For Class 55 Rating, Add	*3,512.56*	
		For Class 56 Rating, Add	*4,659.51*	
40 05 19 00-0447	EA	36" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,118.26	1,999.80
		For Class 52 Rating, Deduct	*-1,769.71*	
		For Class 54 Rating, Add	*2,449.60*	
		For Class 55 Rating, Add	*3,660.40*	
		For Class 56 Rating, Add	*4,855.12*	
40 05 19 00-0448	EA	36" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,786.34	2,003.56
		For Class 52 Rating, Deduct	*-1,842.57*	
		For Class 54 Rating, Add	*2,549.03*	
		For Class 55 Rating, Add	*3,808.25*	
		For Class 56 Rating, Add	*5,050.73*	
40 05 19 00-0449	EA	36" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,454.42	2,007.32
		For Class 52 Rating, Deduct	*-1,915.43*	
		For Class 54 Rating, Add	*2,648.45*	
		For Class 55 Rating, Add	*3,956.10*	
		For Class 56 Rating, Add	*5,246.33*	
40 05 19 00-0450	EA	36" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,122.51	2,011.09
		For Class 52 Rating, Deduct	*-1,988.29*	
		For Class 54 Rating, Add	*2,747.88*	
		For Class 55 Rating, Add	*4,103.94*	
		For Class 56 Rating, Add	*5,441.94*	
40 05 19 00-0451	EA	36" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,790.59	2,014.86
		For Class 52 Rating, Deduct	*-2,061.16*	
		For Class 54 Rating, Add	*2,847.30*	
		For Class 55 Rating, Add	*4,251.79*	
		For Class 56 Rating, Add	*5,637.55*	
40 05 19 00-0452	EA	36" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,458.67	2,018.62
		For Class 52 Rating, Deduct	*-2,134.02*	
		For Class 54 Rating, Add	*2,946.72*	
		For Class 55 Rating, Add	*4,399.64*	
		For Class 56 Rating, Add	*5,833.15*	
40 05 19 00-0453	EA	36" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,126.75	2,022.39
		For Class 52 Rating, Deduct	*-2,206.88*	
		For Class 54 Rating, Add	*3,046.15*	
		For Class 55 Rating, Add	*4,547.49*	
		For Class 56 Rating, Add	*6,028.76*	
40 05 19 00-0454	EA	36" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,794.84	2,026.15
		For Class 52 Rating, Deduct	*-2,279.74*	
		For Class 54 Rating, Add	*3,145.58*	
		For Class 55 Rating, Add	*4,695.33*	
		For Class 56 Rating, Add	*6,224.37*	
40 05 19 00-0455	EA	36" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,462.92	2,029.92
		For Class 52 Rating, Deduct	*-2,352.60*	
		For Class 54 Rating, Add	*3,245.00*	
		For Class 55 Rating, Add	*4,843.18*	
		For Class 56 Rating, Add	*6,419.97*	
40 05 19 00-0456	EA	36" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,131.00	2,033.69
		For Class 52 Rating, Deduct	*-2,425.46*	
		For Class 54 Rating, Add	*3,344.43*	
		For Class 55 Rating, Add	*4,991.03*	
		For Class 56 Rating, Add	*6,615.58*	
40 05 19 00-0457	EA	36" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,799.09	2,037.45
		For Class 52 Rating, Deduct	*-2,498.32*	
		For Class 54 Rating, Add	*3,443.85*	
		For Class 55 Rating, Add	*5,138.87*	
		For Class 56 Rating, Add	*6,811.19*	
40 05 19 00-0458	EA	36" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,467.18	2,041.22
		For Class 52 Rating, Deduct	*-2,571.19*	
		For Class 54 Rating, Add	*3,543.28*	
		For Class 55 Rating, Add	*5,286.72*	
		For Class 56 Rating, Add	*7,006.79*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0459	EA	36" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,135.25	2,044.99
		For Class 52 Rating, Deduct	*-2,644.05*	
		For Class 54 Rating, Add	*3,642.70*	
		For Class 55 Rating, Add	*5,434.57*	
		For Class 56 Rating, Add	*7,202.40*	
40 05 19 00-0460	EA	36" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,803.34	2,048.75
		For Class 52 Rating, Deduct	*-2,716.91*	
		For Class 54 Rating, Add	*3,742.13*	
		For Class 55 Rating, Add	*5,582.41*	
		For Class 56 Rating, Add	*7,398.01*	
40 05 19 00-0461	EA	36" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,471.43	2,052.52
		For Class 52 Rating, Deduct	*-2,789.77*	
		For Class 54 Rating, Add	*3,841.55*	
		For Class 55 Rating, Add	*5,730.26*	
		For Class 56 Rating, Add	*7,593.61*	
40 05 19 00-0462	EA	36" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,139.50	2,056.29
		For Class 52 Rating, Deduct	*-2,862.63*	
		For Class 54 Rating, Add	*3,940.97*	
		For Class 55 Rating, Add	*5,878.11*	
		For Class 56 Rating, Add	*7,789.22*	
40 05 19 00-0463	EA	36" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,807.59	2,060.05
		For Class 52 Rating, Deduct	*-2,935.49*	
		For Class 54 Rating, Add	*4,040.40*	
		For Class 55 Rating, Add	*6,025.96*	
		For Class 56 Rating, Add	*7,984.82*	
40 05 19 00-0464	EA	36" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,475.68	2,063.82
		For Class 52 Rating, Deduct	*-3,008.35*	
		For Class 54 Rating, Add	*4,139.83*	
		For Class 55 Rating, Add	*6,173.80*	
		For Class 56 Rating, Add	*8,180.43*	
40 05 19 00-0465	EA	36" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,143.75	2,067.58
		For Class 52 Rating, Deduct	*-3,081.22*	
		For Class 54 Rating, Add	*4,239.25*	
		For Class 55 Rating, Add	*6,321.65*	
		For Class 56 Rating, Add	*8,376.04*	
40 05 19 00-0466	EA	36" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,811.84	2,071.35
		For Class 52 Rating, Deduct	*-3,154.08*	
		For Class 54 Rating, Add	*4,338.68*	
		For Class 55 Rating, Add	*6,469.50*	
		For Class 56 Rating, Add	*8,571.64*	
40 05 19 00-0467	EA	36" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,479.93	2,075.12
		For Class 52 Rating, Deduct	*-3,226.94*	
		For Class 54 Rating, Add	*4,438.10*	
		For Class 55 Rating, Add	*6,617.34*	
		For Class 56 Rating, Add	*8,767.25*	
40 05 19 00-0468	EA	36" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,148.01	2,078.88
		For Class 52 Rating, Deduct	*-3,299.80*	
		For Class 54 Rating, Add	*4,537.53*	
		For Class 55 Rating, Add	*6,765.19*	
		For Class 56 Rating, Add	*8,962.86*	
40 05 19 00-0469	EA	36" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,816.09	2,082.64
		For Class 52 Rating, Deduct	*-3,372.66*	
		For Class 54 Rating, Add	*4,636.95*	
		For Class 55 Rating, Add	*6,913.04*	
		For Class 56 Rating, Add	*9,158.46*	
40 05 19 00-0470	EA	36" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,484.18	2,086.42
		For Class 52 Rating, Deduct	*-3,445.52*	
		For Class 54 Rating, Add	*4,736.38*	
		For Class 55 Rating, Add	*7,060.89*	
		For Class 56 Rating, Add	*9,354.07*	
40 05 19 00-0471	EA	36" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,152.26	2,090.18
		For Class 52 Rating, Deduct	*-3,518.39*	
		For Class 54 Rating, Add	*4,835.80*	
		For Class 55 Rating, Add	*7,208.73*	
		For Class 56 Rating, Add	*9,549.68*	
40 05 19 00-0472	EA	36" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,820.34	2,093.94
		For Class 52 Rating, Deduct	*-3,591.25*	
		For Class 54 Rating, Add	*4,935.23*	
		For Class 55 Rating, Add	*7,356.58*	
		For Class 56 Rating, Add	*9,745.28*	
40 05 19 00-0473	EA	36" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,488.41	2,097.71
		For Class 52 Rating, Deduct	*-3,664.11*	
		For Class 54 Rating, Add	*5,034.65*	
		For Class 55 Rating, Add	*7,504.43*	
		For Class 56 Rating, Add	*9,940.89*	
40 05 19 00-0474	EA	36" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,156.50	2,101.48
		For Class 52 Rating, Deduct	*-3,736.97*	
		For Class 54 Rating, Add	*5,134.08*	
		For Class 55 Rating, Add	*7,652.27*	
		For Class 56 Rating, Add	*10,136.50*	
40 05 19 00-0475	EA	36" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,824.58	2,105.24
		For Class 52 Rating, Deduct	*-3,809.83*	
		For Class 54 Rating, Add	*5,233.50*	
		For Class 55 Rating, Add	*7,800.12*	
		For Class 56 Rating, Add	*10,332.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0476		42" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0477	EA	42" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,264.40	2,478.09
		For Class 52 Rating, Deduct	*-1,486.07*	
		For Class 54 Rating, Add	*2,071.52*	
		For Class 55 Rating, Add	*3,102.78*	
		For Class 56 Rating, Add	*4,120.54*	
40 05 19 00-0478	EA	42" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,259.73	2,481.85
		For Class 52 Rating, Deduct	*-1,594.93*	
		For Class 54 Rating, Add	*2,220.03*	
		For Class 55 Rating, Add	*3,323.60*	
		For Class 56 Rating, Add	*4,412.68*	
40 05 19 00-0479	EA	42" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,243.24	2,485.62
		For Class 52 Rating, Deduct	*-1,702.49*	
		For Class 54 Rating, Add	*2,366.77*	
		For Class 55 Rating, Add	*3,541.79*	
		For Class 56 Rating, Add	*4,701.34*	
40 05 19 00-0480	EA	42" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,236.59	2,489.38
		For Class 52 Rating, Deduct	*-1,811.13*	
		For Class 54 Rating, Add	*2,514.98*	
		For Class 55 Rating, Add	*3,762.17*	
		For Class 56 Rating, Add	*4,992.90*	
40 05 19 00-0481	EA	42" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,220.09	2,493.15
		For Class 52 Rating, Deduct	*-1,918.68*	
		For Class 54 Rating, Add	*2,661.72*	
		For Class 55 Rating, Add	*3,980.36*	
		For Class 56 Rating, Add	*5,281.55*	
40 05 19 00-0482	EA	42" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,215.42	2,496.92
		For Class 52 Rating, Deduct	*-2,027.54*	
		For Class 54 Rating, Add	*2,810.23*	
		For Class 55 Rating, Add	*4,201.18*	
		For Class 56 Rating, Add	*5,573.70*	
40 05 19 00-0483	EA	42" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,196.95	2,500.68
		For Class 52 Rating, Deduct	*-2,134.88*	
		For Class 54 Rating, Add	*2,956.67*	
		For Class 55 Rating, Add	*4,418.93*	
		For Class 56 Rating, Add	*5,861.77*	
40 05 19 00-0484	EA	42" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,192.28	2,504.44
		For Class 52 Rating, Deduct	*-2,243.74*	
		For Class 54 Rating, Add	*3,105.18*	
		For Class 55 Rating, Add	*4,639.75*	
		For Class 56 Rating, Add	*6,153.92*	
40 05 19 00-0485	EA	42" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,175.78	2,508.22
		For Class 52 Rating, Deduct	*-2,351.30*	
		For Class 54 Rating, Add	*3,251.92*	
		For Class 55 Rating, Add	*4,857.94*	
		For Class 56 Rating, Add	*6,442.57*	
40 05 19 00-0486	EA	42" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,169.14	2,511.98
		For Class 52 Rating, Deduct	*-2,459.94*	
		For Class 54 Rating, Add	*3,400.14*	
		For Class 55 Rating, Add	*5,078.32*	
		For Class 56 Rating, Add	*6,734.13*	
40 05 19 00-0487	EA	42" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,152.64	2,515.74
		For Class 52 Rating, Deduct	*-2,567.50*	
		For Class 54 Rating, Add	*3,546.88*	
		For Class 55 Rating, Add	*5,296.50*	
		For Class 56 Rating, Add	*7,022.79*	
40 05 19 00-0488	EA	42" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,145.99	2,519.51
		For Class 52 Rating, Deduct	*-2,676.14*	
		For Class 54 Rating, Add	*3,695.09*	
		For Class 55 Rating, Add	*5,516.89*	
		For Class 56 Rating, Add	*7,314.35*	
40 05 19 00-0489	EA	42" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,129.50	2,523.28
		For Class 52 Rating, Deduct	*-2,783.70*	
		For Class 54 Rating, Add	*3,841.83*	
		For Class 55 Rating, Add	*5,735.07*	
		For Class 56 Rating, Add	*7,603.01*	
40 05 19 00-0490	EA	42" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,114.97	2,527.05
		For Class 52 Rating, Deduct	*-2,891.47*	
		For Class 54 Rating, Add	*3,988.86*	
		For Class 55 Rating, Add	*5,953.70*	
		For Class 56 Rating, Add	*7,892.24*	
40 05 19 00-0491	EA	42" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,106.35	2,530.81
		For Class 52 Rating, Deduct	*-2,999.90*	
		For Class 54 Rating, Add	*4,136.78*	
		For Class 55 Rating, Add	*6,173.64*	
		For Class 56 Rating, Add	*8,183.22*	
40 05 19 00-0492	EA	42" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,089.86	2,534.57
		For Class 52 Rating, Deduct	*-3,107.45*	
		For Class 54 Rating, Add	*4,283.52*	
		For Class 55 Rating, Add	*6,391.83*	
		For Class 56 Rating, Add	*8,471.88*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0493	EA	42" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,085.19	2,538.35
		For Class 52 Rating, Deduct	*-3,216.31*	
		For Class 54 Rating, Add	*4,432.03*	
		For Class 55 Rating, Add	*6,612.65*	
		For Class 56 Rating, Add	*8,764.02*	
40 05 19 00-0494	EA	42" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,068.69	2,542.11
		For Class 52 Rating, Deduct	*-3,323.87*	
		For Class 54 Rating, Add	*4,578.77*	
		For Class 55 Rating, Add	*6,830.83*	
		For Class 56 Rating, Add	*9,052.68*	
40 05 19 00-0495	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,062.05	2,545.87
		For Class 52 Rating, Deduct	*-3,432.51*	
		For Class 54 Rating, Add	*4,726.99*	
		For Class 55 Rating, Add	*7,051.22*	
		For Class 56 Rating, Add	*9,344.24*	
40 05 19 00-0496	EA	42" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,045.55	2,549.65
		For Class 52 Rating, Deduct	*-3,540.07*	
		For Class 54 Rating, Add	*4,873.72*	
		For Class 55 Rating, Add	*7,269.40*	
		For Class 56 Rating, Add	*9,632.89*	
40 05 19 00-0497	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,040.87	2,553.41
		For Class 52 Rating, Deduct	*-3,648.93*	
		For Class 54 Rating, Add	*5,022.24*	
		For Class 55 Rating, Add	*7,490.22*	
		For Class 56 Rating, Add	*9,925.04*	
40 05 19 00-0498	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,024.38	2,557.17
		For Class 52 Rating, Deduct	*-3,756.49*	
		For Class 54 Rating, Add	*5,168.97*	
		For Class 55 Rating, Add	*7,708.41*	
		For Class 56 Rating, Add	*10,213.69*	
40 05 19 00-0499	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,017.74	2,560.94
		For Class 52 Rating, Deduct	*-3,865.13*	
		For Class 54 Rating, Add	*5,317.19*	
		For Class 55 Rating, Add	*7,928.79*	
		For Class 56 Rating, Add	*10,505.26*	
40 05 19 00-0500	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,001.24	2,564.71
		For Class 52 Rating, Deduct	*-3,972.69*	
		For Class 54 Rating, Add	*5,463.93*	
		For Class 55 Rating, Add	*8,146.98*	
		For Class 56 Rating, Add	*10,793.91*	
40 05 19 00-0501	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,996.57	2,568.47
		For Class 52 Rating, Deduct	*-4,081.54*	
		For Class 54 Rating, Add	*5,612.44*	
		For Class 55 Rating, Add	*8,367.80*	
		For Class 56 Rating, Add	*11,086.06*	
40 05 19 00-0502	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,980.07	2,572.24
		For Class 52 Rating, Deduct	*-4,189.10*	
		For Class 54 Rating, Add	*5,759.18*	
		For Class 55 Rating, Add	*8,585.98*	
		For Class 56 Rating, Add	*11,374.71*	
40 05 19 00-0503	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,971.44	2,576.00
		For Class 52 Rating, Deduct	*-4,297.53*	
		For Class 54 Rating, Add	*5,907.10*	
		For Class 55 Rating, Add	*8,805.93*	
		For Class 56 Rating, Add	*11,665.69*	
40 05 19 00-0504	EA	42" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,956.92	2,579.77
		For Class 52 Rating, Deduct	*-4,405.30*	
		For Class 54 Rating, Add	*6,054.13*	
		For Class 55 Rating, Add	*9,024.55*	
		For Class 56 Rating, Add	*11,954.93*	
40 05 19 00-0505	EA	42" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,743.28	2,583.54
		For Class 52 Rating, Deduct	*-4,491.17*	
		For Class 54 Rating, Add	*6,171.30*	
		For Class 55 Rating, Add	*9,198.78*	
		For Class 56 Rating, Add	*12,185.43*	
40 05 19 00-0506	EA	42" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,933.77	2,587.30
		For Class 52 Rating, Deduct	*-4,621.50*	
		For Class 54 Rating, Add	*6,349.08*	
		For Class 55 Rating, Add	*9,463.12*	
		For Class 56 Rating, Add	*12,535.14*	
40 05 19 00-0507	EA	42" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,917.28	2,591.06
		For Class 52 Rating, Deduct	*-4,729.06*	
		For Class 54 Rating, Add	*6,495.82*	
		For Class 55 Rating, Add	*9,681.31*	
		For Class 56 Rating, Add	*12,823.80*	
40 05 19 00-0508	EA	42" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,910.63	2,594.84
		For Class 52 Rating, Deduct	*-4,837.70*	
		For Class 54 Rating, Add	*6,644.04*	
		For Class 55 Rating, Add	*9,901.69*	
		For Class 56 Rating, Add	*13,115.36*	
40 05 19 00-0509	EA	42" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,894.13	2,598.60
		For Class 52 Rating, Deduct	*-4,945.25*	
		For Class 54 Rating, Add	*6,790.78*	
		For Class 55 Rating, Add	*10,119.87*	
		For Class 56 Rating, Add	*13,404.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0510	EA	42" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,889.47	2,602.37
		For Class 52 Rating, Deduct	*-5,054.11*	
		For Class 54 Rating, Add	*6,939.29*	
		For Class 55 Rating, Add	*10,340.70*	
		For Class 56 Rating, Add	*13,696.16*	
40 05 19 00-0511	EA	42" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,870.99	2,606.13
		For Class 52 Rating, Deduct	*-5,161.45*	
		For Class 54 Rating, Add	*7,085.73*	
		For Class 55 Rating, Add	*10,558.44*	
		For Class 56 Rating, Add	*13,984.23*	
40 05 19 00-0512	EA	42" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,866.32	2,609.90
		For Class 52 Rating, Deduct	*-5,270.31*	
		For Class 54 Rating, Add	*7,234.24*	
		For Class 55 Rating, Add	*10,779.27*	
		For Class 56 Rating, Add	*14,276.38*	
40 05 19 00-0513	EA	42" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,849.83	2,613.67
		For Class 52 Rating, Deduct	*-5,377.87*	
		For Class 54 Rating, Add	*7,380.98*	
		For Class 55 Rating, Add	*10,997.45*	
		For Class 56 Rating, Add	*14,565.03*	
40 05 19 00-0514	EA	42" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,843.18	2,617.43
		For Class 52 Rating, Deduct	*-5,486.51*	
		For Class 54 Rating, Add	*7,529.20*	
		For Class 55 Rating, Add	*11,217.83*	
		For Class 56 Rating, Add	*14,856.60*	

40 05 19 00-0515 48" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0516	EA	48" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,656.95	3,114.55
		For Class 52 Rating, Deduct	*-1,863.17*	
		For Class 54 Rating, Add	*2,597.32*	
		For Class 55 Rating, Add	*3,890.41*	
		For Class 56 Rating, Add	*5,166.57*	
40 05 19 00-0517	EA	48" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,103.72	3,118.32
		For Class 52 Rating, Deduct	*-2,021.69*	
		For Class 54 Rating, Add	*2,813.55*	
		For Class 55 Rating, Add	*4,211.91*	
		For Class 56 Rating, Add	*5,591.89*	
40 05 19 00-0518	EA	48" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,548.52	3,122.09
		For Class 52 Rating, Deduct	*-2,179.99*	
		For Class 54 Rating, Add	*3,029.48*	
		For Class 55 Rating, Add	*4,532.96*	
		For Class 56 Rating, Add	*6,016.63*	
40 05 19 00-0519	EA	48" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,005.14	3,125.85
		For Class 52 Rating, Deduct	*-2,339.59*	
		For Class 54 Rating, Add	*3,247.18*	
		For Class 55 Rating, Add	*4,856.65*	
		For Class 56 Rating, Add	*6,444.86*	
40 05 19 00-0520	EA	48" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,451.92	3,129.61
		For Class 52 Rating, Deduct	*-2,498.11*	
		For Class 54 Rating, Add	*3,463.41*	
		For Class 55 Rating, Add	*5,178.15*	
		For Class 56 Rating, Add	*6,870.18*	
40 05 19 00-0521	EA	48" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,898.68	3,133.39
		For Class 52 Rating, Deduct	*-2,656.62*	
		For Class 54 Rating, Add	*3,679.64*	
		For Class 55 Rating, Add	*5,499.64*	
		For Class 56 Rating, Add	*7,295.50*	
40 05 19 00-0522	EA	48" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,353.34	3,137.15
		For Class 52 Rating, Deduct	*-2,816.01*	
		For Class 54 Rating, Add	*3,897.05*	
		For Class 55 Rating, Add	*5,822.90*	
		For Class 56 Rating, Add	*7,723.14*	
40 05 19 00-0523	EA	48" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,802.09	3,140.92
		For Class 52 Rating, Deduct	*-2,974.74*	
		For Class 54 Rating, Add	*4,113.58*	
		For Class 55 Rating, Add	*6,144.83*	
		For Class 56 Rating, Add	*8,149.04*	
40 05 19 00-0524	EA	48" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,246.88	3,144.68
		For Class 52 Rating, Deduct	*-3,133.04*	
		For Class 54 Rating, Add	*4,329.51*	
		For Class 55 Rating, Add	*6,465.88*	
		For Class 56 Rating, Add	*8,573.78*	
40 05 19 00-0525	EA	48" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,703.51	3,148.45
		For Class 52 Rating, Deduct	*-3,292.64*	
		For Class 54 Rating, Add	*4,547.21*	
		For Class 55 Rating, Add	*6,789.58*	
		For Class 56 Rating, Add	*9,002.01*	
40 05 19 00-0526	EA	48" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,150.28	3,152.22
		For Class 52 Rating, Deduct	*-3,451.16*	
		For Class 54 Rating, Add	*4,763.44*	
		For Class 55 Rating, Add	*7,111.07*	
		For Class 56 Rating, Add	*9,427.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0527	EA	48" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,606.91	3,155.98
		For Class 52 Rating, Deduct	*-3,610.76*	
		For Class 54 Rating, Add	*4,981.15*	
		For Class 55 Rating, Add	*7,434.76*	
		For Class 56 Rating, Add	*9,855.55*	
40 05 19 00-0528	EA	48" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,051.71	3,159.75
		For Class 52 Rating, Deduct	*-3,769.06*	
		For Class 54 Rating, Add	*5,197.08*	
		For Class 55 Rating, Add	*7,755.82*	
		For Class 56 Rating, Add	*10,280.29*	
40 05 19 00-0529	EA	48" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,498.48	3,163.52
		For Class 52 Rating, Deduct	*-3,927.58*	
		For Class 54 Rating, Add	*5,413.31*	
		For Class 55 Rating, Add	*8,077.31*	
		For Class 56 Rating, Add	*10,705.61*	
40 05 19 00-0530	EA	48" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,955.10	3,167.28
		For Class 52 Rating, Deduct	*-4,087.18*	
		For Class 54 Rating, Add	*5,631.02*	
		For Class 55 Rating, Add	*8,401.00*	
		For Class 56 Rating, Add	*11,133.64*	
40 05 19 00-0531	EA	48" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,401.88	3,171.04
		For Class 52 Rating, Deduct	*-4,245.70*	
		For Class 54 Rating, Add	*5,847.24*	
		For Class 55 Rating, Add	*8,722.50*	
		For Class 56 Rating, Add	*11,559.16*	
40 05 19 00-0532	EA	48" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,846.68	3,174.82
		For Class 52 Rating, Deduct	*-4,404.00*	
		For Class 54 Rating, Add	*6,063.18*	
		For Class 55 Rating, Add	*9,043.55*	
		For Class 56 Rating, Add	*11,983.90*	
40 05 19 00-0533	EA	48" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,303.29	3,178.58
		For Class 52 Rating, Deduct	*-4,563.60*	
		For Class 54 Rating, Add	*6,280.88*	
		For Class 55 Rating, Add	*9,367.25*	
		For Class 56 Rating, Add	*12,412.12*	
40 05 19 00-0534	EA	48" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,750.07	3,182.34
		For Class 52 Rating, Deduct	*-4,722.12*	
		For Class 54 Rating, Add	*6,497.11*	
		For Class 55 Rating, Add	*9,688.74*	
		For Class 56 Rating, Add	*12,837.44*	
40 05 19 00-0535	EA	48" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,194.87	3,186.11
		For Class 52 Rating, Deduct	*-4,880.42*	
		For Class 54 Rating, Add	*6,713.04*	
		For Class 55 Rating, Add	*10,009.80*	
		For Class 56 Rating, Add	*13,262.18*	
40 05 19 00-0536	EA	48" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,651.49	3,189.88
		For Class 52 Rating, Deduct	*-5,040.02*	
		For Class 54 Rating, Add	*6,930.75*	
		For Class 55 Rating, Add	*10,333.49*	
		For Class 56 Rating, Add	*13,690.41*	
40 05 19 00-0537	EA	48" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,100.23	3,193.64
		For Class 52 Rating, Deduct	*-5,198.75*	
		For Class 54 Rating, Add	*7,147.27*	
		For Class 55 Rating, Add	*10,655.42*	
		For Class 56 Rating, Add	*14,116.31*	
40 05 19 00-0538	EA	48" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,545.04	3,197.41
		For Class 52 Rating, Deduct	*-5,357.05*	
		For Class 54 Rating, Add	*7,363.21*	
		For Class 55 Rating, Add	*10,976.48*	
		For Class 56 Rating, Add	*14,541.05*	
40 05 19 00-0539	EA	48" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,001.66	3,201.17
		For Class 52 Rating, Deduct	*-5,516.65*	
		For Class 54 Rating, Add	*7,580.91*	
		For Class 55 Rating, Add	*11,300.17*	
		For Class 56 Rating, Add	*14,969.27*	
40 05 19 00-0540	EA	48" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,448.43	3,204.94
		For Class 52 Rating, Deduct	*-5,675.17*	
		For Class 54 Rating, Add	*7,797.14*	
		For Class 55 Rating, Add	*11,621.66*	
		For Class 56 Rating, Add	*15,394.59*	
40 05 19 00-0541	EA	48" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	57,893.23	3,208.71
		For Class 52 Rating, Deduct	*-5,833.47*	
		For Class 54 Rating, Add	*8,013.07*	
		For Class 55 Rating, Add	*11,942.72*	
		For Class 56 Rating, Add	*15,819.33*	
40 05 19 00-0542	EA	48" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	59,349.86	3,212.47
		For Class 52 Rating, Deduct	*-5,993.07*	
		For Class 54 Rating, Add	*8,230.78*	
		For Class 55 Rating, Add	*12,266.41*	
		For Class 56 Rating, Add	*16,247.56*	
40 05 19 00-0543	EA	48" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	60,796.63	3,216.24
		For Class 52 Rating, Deduct	*-6,151.59*	
		For Class 54 Rating, Add	*8,447.01*	
		For Class 55 Rating, Add	*12,587.90*	
		For Class 56 Rating, Add	*16,672.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0544	EA	48" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	62,065.97	3,220.01
		For Class 52 Rating, Deduct	*-6,290.59*	
		For Class 54 Rating, Add	*8,636.62*	
		For Class 55 Rating, Add	*12,869.83*	
		For Class 56 Rating, Add	*17,045.85*	
40 05 19 00-0545	EA	48" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	63,700.03	3,223.77
		For Class 52 Rating, Deduct	*-6,469.71*	
		For Class 54 Rating, Add	*8,880.94*	
		For Class 55 Rating, Add	*13,233.09*	
		For Class 56 Rating, Add	*17,526.42*	
40 05 19 00-0546	EA	48" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	65,144.83	3,227.54
		For Class 52 Rating, Deduct	*-6,628.01*	
		For Class 54 Rating, Add	*9,096.88*	
		For Class 55 Rating, Add	*13,554.15*	
		For Class 56 Rating, Add	*17,951.16*	
40 05 19 00-0547	EA	48" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	66,603.42	3,231.30
		For Class 52 Rating, Deduct	*-6,787.83*	
		For Class 54 Rating, Add	*9,314.88*	
		For Class 55 Rating, Add	*13,878.28*	
		For Class 56 Rating, Add	*18,379.97*	
40 05 19 00-0548	EA	48" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	68,048.22	3,235.07
		For Class 52 Rating, Deduct	*-6,946.13*	
		For Class 54 Rating, Add	*9,530.81*	
		For Class 55 Rating, Add	*14,199.33*	
		For Class 56 Rating, Add	*18,804.71*	
40 05 19 00-0549	EA	48" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	69,493.03	3,238.84
		For Class 52 Rating, Deduct	*-7,104.43*	
		For Class 54 Rating, Add	*9,746.74*	
		For Class 55 Rating, Add	*14,520.39*	
		For Class 56 Rating, Add	*19,229.45*	
40 05 19 00-0550	EA	48" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	70,951.62	3,242.60
		For Class 52 Rating, Deduct	*-7,264.24*	
		For Class 54 Rating, Add	*9,964.74*	
		For Class 55 Rating, Add	*14,844.52*	
		For Class 56 Rating, Add	*19,658.25*	
40 05 19 00-0551	EA	48" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	72,396.42	3,246.36
		For Class 52 Rating, Deduct	*-7,422.54*	
		For Class 54 Rating, Add	*10,180.68*	
		For Class 55 Rating, Add	*15,165.57*	
		For Class 56 Rating, Add	*20,082.99*	
40 05 19 00-0552	EA	48" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	73,843.20	3,250.14
		For Class 52 Rating, Deduct	*-7,581.06*	
		For Class 54 Rating, Add	*10,396.91*	
		For Class 55 Rating, Add	*15,487.07*	
		For Class 56 Rating, Add	*20,508.31*	
40 05 19 00-0553	EA	48" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	75,299.82	3,253.90
		For Class 52 Rating, Deduct	*-7,740.66*	
		For Class 54 Rating, Add	*10,614.61*	
		For Class 55 Rating, Add	*15,810.76*	
		For Class 56 Rating, Add	*20,936.54*	

40 05 19 00-0554 Flanged End x Grooved End (FxG), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-0555 4" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0556	EA	4" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	596.25	172.34
		For Class 52 Rating, Deduct	*-36.86*	
		For Class 54 Rating, Add	*53.40*	
		For Class 55 Rating, Add	*81.00*	
		For Class 56 Rating, Add	*108.26*	
40 05 19 00-0557	EA	4" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	652.07	175.35
		For Class 52 Rating, Deduct	*-42.50*	
		For Class 54 Rating, Add	*61.15*	
		For Class 55 Rating, Add	*92.54*	
		For Class 56 Rating, Add	*123.55*	
40 05 19 00-0558	EA	4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	707.88	178.36
		For Class 52 Rating, Deduct	*-48.14*	
		For Class 54 Rating, Add	*68.89*	
		For Class 55 Rating, Add	*104.08*	
		For Class 56 Rating, Add	*138.83*	
40 05 19 00-0559	EA	4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	763.71	181.37
		For Class 52 Rating, Deduct	*-53.78*	
		For Class 54 Rating, Add	*76.63*	
		For Class 55 Rating, Add	*115.62*	
		For Class 56 Rating, Add	*154.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0560	EA	4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	819.52	184.38
		For Class 52 Rating, Deduct	*-59.42*	
		For Class 54 Rating, Add	*84.37*	
		For Class 55 Rating, Add	*127.16*	
		For Class 56 Rating, Add	*169.40*	
40 05 19 00-0561	EA	4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	875.36	187.41
		For Class 52 Rating, Deduct	*-65.06*	
		For Class 54 Rating, Add	*92.12*	
		For Class 55 Rating, Add	*138.70*	
		For Class 56 Rating, Add	*184.69*	
40 05 19 00-0562	EA	4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	931.17	190.42
		For Class 52 Rating, Deduct	*-70.69*	
		For Class 54 Rating, Add	*99.86*	
		For Class 55 Rating, Add	*150.24*	
		For Class 56 Rating, Add	*199.97*	
40 05 19 00-0563	EA	4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	986.99	193.43
		For Class 52 Rating, Deduct	*-76.33*	
		For Class 54 Rating, Add	*107.60*	
		For Class 55 Rating, Add	*161.78*	
		For Class 56 Rating, Add	*215.26*	
40 05 19 00-0564	EA	4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,042.81	196.44
		For Class 52 Rating, Deduct	*-81.97*	
		For Class 54 Rating, Add	*115.35*	
		For Class 55 Rating, Add	*173.32*	
		For Class 56 Rating, Add	*230.54*	
40 05 19 00-0565	EA	4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,098.63	199.46
		For Class 52 Rating, Deduct	*-87.61*	
		For Class 54 Rating, Add	*123.09*	
		For Class 55 Rating, Add	*184.86*	
		For Class 56 Rating, Add	*245.83*	
40 05 19 00-0566	EA	4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,154.44	202.47
		For Class 52 Rating, Deduct	*-93.24*	
		For Class 54 Rating, Add	*130.83*	
		For Class 55 Rating, Add	*196.39*	
		For Class 56 Rating, Add	*261.11*	
40 05 19 00-0567	EA	4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,210.27	205.48
		For Class 52 Rating, Deduct	*-98.88*	
		For Class 54 Rating, Add	*138.58*	
		For Class 55 Rating, Add	*207.94*	
		For Class 56 Rating, Add	*276.40*	
40 05 19 00-0568	EA	4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,266.09	208.49
		For Class 52 Rating, Deduct	*-104.52*	
		For Class 54 Rating, Add	*146.32*	
		For Class 55 Rating, Add	*219.48*	
		For Class 56 Rating, Add	*291.68*	
40 05 19 00-0569	EA	4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,321.91	211.50
		For Class 52 Rating, Deduct	*-110.16*	
		For Class 54 Rating, Add	*154.06*	
		For Class 55 Rating, Add	*231.01*	
		For Class 56 Rating, Add	*306.96*	
40 05 19 00-0570	EA	4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,377.74	214.52
		For Class 52 Rating, Deduct	*-115.80*	
		For Class 54 Rating, Add	*161.81*	
		For Class 55 Rating, Add	*242.56*	
		For Class 56 Rating, Add	*322.25*	
40 05 19 00-0571	EA	4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,433.55	217.53
		For Class 52 Rating, Deduct	*-121.44*	
		For Class 54 Rating, Add	*169.55*	
		For Class 55 Rating, Add	*254.09*	
		For Class 56 Rating, Add	*337.53*	
40 05 19 00-0572	EA	4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,489.38	220.54
		For Class 52 Rating, Deduct	*-127.07*	
		For Class 54 Rating, Add	*177.29*	
		For Class 55 Rating, Add	*265.63*	
		For Class 56 Rating, Add	*352.82*	
40 05 19 00-0573	EA	4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,545.19	223.56
		For Class 52 Rating, Deduct	*-132.71*	
		For Class 54 Rating, Add	*185.04*	
		For Class 55 Rating, Add	*277.17*	
		For Class 56 Rating, Add	*368.10*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0574	EA	4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,601.01	226.57
		For Class 52 Rating, Deduct	*-138.35*	
		For Class 54 Rating, Add	*192.78*	
		For Class 55 Rating, Add	*288.71*	
		For Class 56 Rating, Add	*383.39*	
40 05 19 00-0575	EA	4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,656.83	229.59
		For Class 52 Rating, Deduct	*-143.99*	
		For Class 54 Rating, Add	*200.52*	
		For Class 55 Rating, Add	*300.25*	
		For Class 56 Rating, Add	*398.67*	
40 05 19 00-0576	EA	4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,712.65	232.60
		For Class 52 Rating, Deduct	*-149.63*	
		For Class 54 Rating, Add	*208.26*	
		For Class 55 Rating, Add	*311.79*	
		For Class 56 Rating, Add	*413.96*	
40 05 19 00-0577	EA	4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,768.47	235.61
		For Class 52 Rating, Deduct	*-155.26*	
		For Class 54 Rating, Add	*216.01*	
		For Class 55 Rating, Add	*323.33*	
		For Class 56 Rating, Add	*429.24*	
40 05 19 00-0578	EA	4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,824.30	238.62
		For Class 52 Rating, Deduct	*-160.90*	
		For Class 54 Rating, Add	*223.75*	
		For Class 55 Rating, Add	*334.87*	
		For Class 56 Rating, Add	*444.53*	
40 05 19 00-0579	EA	4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,880.11	241.63
		For Class 52 Rating, Deduct	*-166.54*	
		For Class 54 Rating, Add	*231.49*	
		For Class 55 Rating, Add	*346.41*	
		For Class 56 Rating, Add	*459.81*	
40 05 19 00-0580	EA	4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,935.94	244.65
		For Class 52 Rating, Deduct	*-172.18*	
		For Class 54 Rating, Add	*239.24*	
		For Class 55 Rating, Add	*357.95*	
		For Class 56 Rating, Add	*475.10*	
40 05 19 00-0581	EA	4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,991.76	247.66
		For Class 52 Rating, Deduct	*-177.82*	
		For Class 54 Rating, Add	*246.98*	
		For Class 55 Rating, Add	*369.49*	
		For Class 56 Rating, Add	*490.38*	
40 05 19 00-0582	EA	4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,047.57	250.67
		For Class 52 Rating, Deduct	*-183.45*	
		For Class 54 Rating, Add	*254.72*	
		For Class 55 Rating, Add	*381.03*	
		For Class 56 Rating, Add	*505.66*	
40 05 19 00-0583	EA	4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,103.40	253.68
		For Class 52 Rating, Deduct	*-189.09*	
		For Class 54 Rating, Add	*262.47*	
		For Class 55 Rating, Add	*392.57*	
		For Class 56 Rating, Add	*520.95*	
40 05 19 00-0584	EA	4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,159.21	256.69
		For Class 52 Rating, Deduct	*-194.73*	
		For Class 54 Rating, Add	*270.21*	
		For Class 55 Rating, Add	*404.11*	
		For Class 56 Rating, Add	*536.23*	
40 05 19 00-0585	EA	4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,215.04	259.71
		For Class 52 Rating, Deduct	*-200.37*	
		For Class 54 Rating, Add	*277.95*	
		For Class 55 Rating, Add	*415.65*	
		For Class 56 Rating, Add	*551.52*	
40 05 19 00-0586	EA	4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,270.86	262.73
		For Class 52 Rating, Deduct	*-206.01*	
		For Class 54 Rating, Add	*285.70*	
		For Class 55 Rating, Add	*427.19*	
		For Class 56 Rating, Add	*566.80*	
40 05 19 00-0587	EA	4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,326.68	265.74
		For Class 52 Rating, Deduct	*-211.65*	
		For Class 54 Rating, Add	*293.44*	
		For Class 55 Rating, Add	*438.73*	
		For Class 56 Rating, Add	*582.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0588	EA	4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,382.50	268.75
		For Class 52 Rating, Deduct	*-217.28*	
		For Class 54 Rating, Add	*301.18*	
		For Class 55 Rating, Add	*450.26*	
		For Class 56 Rating, Add	*597.37*	
40 05 19 00-0589	EA	4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,438.32	271.77
		For Class 52 Rating, Deduct	*-222.92*	
		For Class 54 Rating, Add	*308.93*	
		For Class 55 Rating, Add	*461.81*	
		For Class 56 Rating, Add	*612.66*	
40 05 19 00-0590	EA	4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,494.13	274.78
		For Class 52 Rating, Deduct	*-228.56*	
		For Class 54 Rating, Add	*316.67*	
		For Class 55 Rating, Add	*473.34*	
		For Class 56 Rating, Add	*627.94*	
40 05 19 00-0591	EA	4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,549.96	277.79
		For Class 52 Rating, Deduct	*-234.20*	
		For Class 54 Rating, Add	*324.41*	
		For Class 55 Rating, Add	*484.88*	
		For Class 56 Rating, Add	*643.23*	
40 05 19 00-0592	EA	4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,605.77	280.80
		For Class 52 Rating, Deduct	*-239.84*	
		For Class 54 Rating, Add	*332.15*	
		For Class 55 Rating, Add	*496.42*	
		For Class 56 Rating, Add	*658.51*	
40 05 19 00-0593	EA	4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,661.60	283.81
		For Class 52 Rating, Deduct	*-245.47*	
		For Class 54 Rating, Add	*339.90*	
		For Class 55 Rating, Add	*507.96*	
		For Class 56 Rating, Add	*673.80*	
40 05 19 00-0594	EA	4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,717.41	286.83
		For Class 52 Rating, Deduct	*-251.11*	
		For Class 54 Rating, Add	*347.64*	
		For Class 55 Rating, Add	*519.50*	
		For Class 56 Rating, Add	*689.08*	
40 05 19 00-0595		6" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*		
40 05 19 00-0596	EA	6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	744.64	216.93
		For Class 52 Rating, Deduct	*-45.76*	
		For Class 54 Rating, Add	*66.34*	
		For Class 55 Rating, Add	*100.65*	
		For Class 56 Rating, Add	*134.54*	
40 05 19 00-0597	EA	6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	812.28	219.94
		For Class 52 Rating, Deduct	*-52.69*	
		For Class 54 Rating, Add	*75.85*	
		For Class 55 Rating, Add	*114.82*	
		For Class 56 Rating, Add	*153.31*	
40 05 19 00-0598	EA	6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	879.93	222.95
		For Class 52 Rating, Deduct	*-59.63*	
		For Class 54 Rating, Add	*85.37*	
		For Class 55 Rating, Add	*129.00*	
		For Class 56 Rating, Add	*172.09*	
40 05 19 00-0599	EA	6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	947.58	225.97
		For Class 52 Rating, Deduct	*-66.57*	
		For Class 54 Rating, Add	*94.89*	
		For Class 55 Rating, Add	*143.18*	
		For Class 56 Rating, Add	*190.86*	
40 05 19 00-0600	EA	6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,015.22	228.98
		For Class 52 Rating, Deduct	*-73.51*	
		For Class 54 Rating, Add	*104.41*	
		For Class 55 Rating, Add	*157.35*	
		For Class 56 Rating, Add	*209.64*	
40 05 19 00-0601	EA	6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,082.87	231.99
		For Class 52 Rating, Deduct	*-80.45*	
		For Class 54 Rating, Add	*113.92*	
		For Class 55 Rating, Add	*171.53*	
		For Class 56 Rating, Add	*228.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0602	EA	6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,150.52	235.00
		For Class 52 Rating, Deduct	*-87.39*	
		For Class 54 Rating, Add	*123.44*	
		For Class 55 Rating, Add	*185.71*	
		For Class 56 Rating, Add	*247.18*	
40 05 19 00-0603	EA	6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,218.18	238.01
		For Class 52 Rating, Deduct	*-94.33*	
		For Class 54 Rating, Add	*132.96*	
		For Class 55 Rating, Add	*199.89*	
		For Class 56 Rating, Add	*265.96*	
40 05 19 00-0604	EA	6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,285.83	241.03
		For Class 52 Rating, Deduct	*-101.27*	
		For Class 54 Rating, Add	*142.48*	
		For Class 55 Rating, Add	*214.07*	
		For Class 56 Rating, Add	*284.73*	
40 05 19 00-0605	EA	6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,353.47	244.04
		For Class 52 Rating, Deduct	*-108.21*	
		For Class 54 Rating, Add	*151.99*	
		For Class 55 Rating, Add	*228.24*	
		For Class 56 Rating, Add	*303.51*	
40 05 19 00-0606	EA	6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,421.12	247.06
		For Class 52 Rating, Deduct	*-115.15*	
		For Class 54 Rating, Add	*161.51*	
		For Class 55 Rating, Add	*242.42*	
		For Class 56 Rating, Add	*322.28*	
40 05 19 00-0607	EA	6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,488.77	250.07
		For Class 52 Rating, Deduct	*-122.09*	
		For Class 54 Rating, Add	*171.03*	
		For Class 55 Rating, Add	*256.60*	
		For Class 56 Rating, Add	*341.05*	
40 05 19 00-0608	EA	6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,556.41	253.08
		For Class 52 Rating, Deduct	*-129.03*	
		For Class 54 Rating, Add	*180.55*	
		For Class 55 Rating, Add	*270.77*	
		For Class 56 Rating, Add	*359.83*	
40 05 19 00-0609	EA	6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,624.06	256.10
		For Class 52 Rating, Deduct	*-135.96*	
		For Class 54 Rating, Add	*190.06*	
		For Class 55 Rating, Add	*284.95*	
		For Class 56 Rating, Add	*378.60*	
40 05 19 00-0610	EA	6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,691.71	259.11
		For Class 52 Rating, Deduct	*-142.90*	
		For Class 54 Rating, Add	*199.58*	
		For Class 55 Rating, Add	*299.13*	
		For Class 56 Rating, Add	*397.38*	
40 05 19 00-0611	EA	6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,759.36	262.12
		For Class 52 Rating, Deduct	*-149.84*	
		For Class 54 Rating, Add	*209.10*	
		For Class 55 Rating, Add	*313.30*	
		For Class 56 Rating, Add	*416.15*	
40 05 19 00-0612	EA	6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,827.01	265.13
		For Class 52 Rating, Deduct	*-156.78*	
		For Class 54 Rating, Add	*218.61*	
		For Class 55 Rating, Add	*327.48*	
		For Class 56 Rating, Add	*434.92*	
40 05 19 00-0613	EA	6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,894.66	268.14
		For Class 52 Rating, Deduct	*-163.72*	
		For Class 54 Rating, Add	*228.13*	
		For Class 55 Rating, Add	*341.66*	
		For Class 56 Rating, Add	*453.70*	
40 05 19 00-0614	EA	6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,962.31	271.16
		For Class 52 Rating, Deduct	*-170.66*	
		For Class 54 Rating, Add	*237.65*	
		For Class 55 Rating, Add	*355.84*	
		For Class 56 Rating, Add	*472.47*	
40 05 19 00-0615	EA	6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,029.95	274.17
		For Class 52 Rating, Deduct	*-177.60*	
		For Class 54 Rating, Add	*247.17*	
		For Class 55 Rating, Add	*370.01*	
		For Class 56 Rating, Add	*491.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0616	EA	6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,097.60	277.18
		For Class 52 Rating, Deduct	*-184.54*	
		For Class 54 Rating, Add	*256.68*	
		For Class 55 Rating, Add	*384.19*	
		For Class 56 Rating, Add	*510.02*	
40 05 19 00-0617	EA	6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,165.25	280.19
		For Class 52 Rating, Deduct	*-191.48*	
		For Class 54 Rating, Add	*266.20*	
		For Class 55 Rating, Add	*398.37*	
		For Class 56 Rating, Add	*528.79*	
40 05 19 00-0618	EA	6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,232.89	283.21
		For Class 52 Rating, Deduct	*-198.42*	
		For Class 54 Rating, Add	*275.72*	
		For Class 55 Rating, Add	*412.54*	
		For Class 56 Rating, Add	*547.57*	
40 05 19 00-0619	EA	6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,300.55	286.23
		For Class 52 Rating, Deduct	*-205.36*	
		For Class 54 Rating, Add	*285.24*	
		For Class 55 Rating, Add	*426.72*	
		For Class 56 Rating, Add	*566.34*	
40 05 19 00-0620	EA	6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,368.20	289.24
		For Class 52 Rating, Deduct	*-212.30*	
		For Class 54 Rating, Add	*294.75*	
		For Class 55 Rating, Add	*440.90*	
		For Class 56 Rating, Add	*585.11*	
40 05 19 00-0621	EA	6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,435.84	292.25
		For Class 52 Rating, Deduct	*-219.23*	
		For Class 54 Rating, Add	*304.27*	
		For Class 55 Rating, Add	*455.08*	
		For Class 56 Rating, Add	*603.89*	
40 05 19 00-0622	EA	6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,503.50	295.26
		For Class 52 Rating, Deduct	*-226.17*	
		For Class 54 Rating, Add	*313.79*	
		For Class 55 Rating, Add	*469.25*	
		For Class 56 Rating, Add	*622.66*	
40 05 19 00-0623	EA	6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,571.14	298.28
		For Class 52 Rating, Deduct	*-233.11*	
		For Class 54 Rating, Add	*323.30*	
		For Class 55 Rating, Add	*483.43*	
		For Class 56 Rating, Add	*641.44*	
40 05 19 00-0624	EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,638.79	301.29
		For Class 52 Rating, Deduct	*-240.05*	
		For Class 54 Rating, Add	*332.82*	
		For Class 55 Rating, Add	*497.61*	
		For Class 56 Rating, Add	*660.21*	
40 05 19 00-0625	EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,706.44	304.30
		For Class 52 Rating, Deduct	*-246.99*	
		For Class 54 Rating, Add	*342.34*	
		For Class 55 Rating, Add	*511.79*	
		For Class 56 Rating, Add	*678.99*	
40 05 19 00-0626	EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,774.08	307.31
		For Class 52 Rating, Deduct	*-253.93*	
		For Class 54 Rating, Add	*351.86*	
		For Class 55 Rating, Add	*525.96*	
		For Class 56 Rating, Add	*697.76*	
40 05 19 00-0627	EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,841.74	310.32
		For Class 52 Rating, Deduct	*-260.87*	
		For Class 54 Rating, Add	*361.37*	
		For Class 55 Rating, Add	*540.14*	
		For Class 56 Rating, Add	*716.53*	
40 05 19 00-0628	EA	6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,909.39	313.34
		For Class 52 Rating, Deduct	*-267.81*	
		For Class 54 Rating, Add	*370.89*	
		For Class 55 Rating, Add	*554.32*	
		For Class 56 Rating, Add	*735.31*	
40 05 19 00-0629	EA	6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,977.03	316.35
		For Class 52 Rating, Deduct	*-274.75*	
		For Class 54 Rating, Add	*380.41*	
		For Class 55 Rating, Add	*568.49*	
		For Class 56 Rating, Add	*754.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0630	EA	6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,044.69	319.36
		For Class 52 Rating, Deduct	*-281.69*	
		For Class 54 Rating, Add	*389.93*	
		For Class 55 Rating, Add	*582.67*	
		For Class 56 Rating, Add	*772.86*	
40 05 19 00-0631	EA	6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,112.33	322.38
		For Class 52 Rating, Deduct	*-288.63*	
		For Class 54 Rating, Add	*399.44*	
		For Class 55 Rating, Add	*596.85*	
		For Class 56 Rating, Add	*791.63*	
40 05 19 00-0632	EA	6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,179.97	325.39
		For Class 52 Rating, Deduct	*-295.57*	
		For Class 54 Rating, Add	*408.96*	
		For Class 55 Rating, Add	*611.02*	
		For Class 56 Rating, Add	*810.40*	
40 05 19 00-0633	EA	6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,247.63	328.41
		For Class 52 Rating, Deduct	*-302.51*	
		For Class 54 Rating, Add	*418.48*	
		For Class 55 Rating, Add	*625.20*	
		For Class 56 Rating, Add	*829.18*	
40 05 19 00-0634	EA	6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,315.27	331.42
		For Class 52 Rating, Deduct	*-309.44*	
		For Class 54 Rating, Add	*428.00*	
		For Class 55 Rating, Add	*639.38*	
		For Class 56 Rating, Add	*847.95*	
40 05 19 00-0635		8" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*		
40 05 19 00-0636	EA	8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,027.15	277.18
		For Class 52 Rating, Deduct	*-66.79*	
		For Class 54 Rating, Add	*96.12*	
		For Class 55 Rating, Add	*145.48*	
		For Class 56 Rating, Add	*194.24*	
40 05 19 00-0637	EA	8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,118.46	280.19
		For Class 52 Rating, Deduct	*-76.33*	
		For Class 54 Rating, Add	*109.18*	
		For Class 55 Rating, Add	*164.93*	
		For Class 56 Rating, Add	*219.99*	
40 05 19 00-0638	EA	8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,209.76	283.21
		For Class 52 Rating, Deduct	*-85.87*	
		For Class 54 Rating, Add	*122.25*	
		For Class 55 Rating, Add	*184.39*	
		For Class 56 Rating, Add	*245.74*	
40 05 19 00-0639	EA	8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,301.07	286.23
		For Class 52 Rating, Deduct	*-95.41*	
		For Class 54 Rating, Add	*135.31*	
		For Class 55 Rating, Add	*203.84*	
		For Class 56 Rating, Add	*271.50*	
40 05 19 00-0640	EA	8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,392.38	289.24
		For Class 52 Rating, Deduct	*-104.96*	
		For Class 54 Rating, Add	*148.38*	
		For Class 55 Rating, Add	*223.29*	
		For Class 56 Rating, Add	*297.25*	
40 05 19 00-0641	EA	8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,483.68	292.25
		For Class 52 Rating, Deduct	*-114.50*	
		For Class 54 Rating, Add	*161.45*	
		For Class 55 Rating, Add	*242.74*	
		For Class 56 Rating, Add	*323.00*	
40 05 19 00-0642	EA	8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,574.99	295.26
		For Class 52 Rating, Deduct	*-124.04*	
		For Class 54 Rating, Add	*174.51*	
		For Class 55 Rating, Add	*262.20*	
		For Class 56 Rating, Add	*348.75*	
40 05 19 00-0643	EA	8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,666.29	298.28
		For Class 52 Rating, Deduct	*-133.58*	
		For Class 54 Rating, Add	*187.58*	
		For Class 55 Rating, Add	*281.65*	
		For Class 56 Rating, Add	*374.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0644	EA	8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,757.59	301.29
		For Class 52 Rating, Deduct	*-143.12*	
		For Class 54 Rating, Add	*200.64*	
		For Class 55 Rating, Add	*301.10*	
		For Class 56 Rating, Add	*400.26*	
40 05 19 00-0645	EA	8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,848.90	304.30
		For Class 52 Rating, Deduct	*-152.66*	
		For Class 54 Rating, Add	*213.71*	
		For Class 55 Rating, Add	*320.55*	
		For Class 56 Rating, Add	*426.01*	
40 05 19 00-0646	EA	8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,940.20	307.31
		For Class 52 Rating, Deduct	*-162.20*	
		For Class 54 Rating, Add	*226.77*	
		For Class 55 Rating, Add	*340.01*	
		For Class 56 Rating, Add	*451.76*	
40 05 19 00-0647	EA	8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,031.51	310.32
		For Class 52 Rating, Deduct	*-171.75*	
		For Class 54 Rating, Add	*239.84*	
		For Class 55 Rating, Add	*359.46*	
		For Class 56 Rating, Add	*477.52*	
40 05 19 00-0648	EA	8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,122.82	313.34
		For Class 52 Rating, Deduct	*-181.29*	
		For Class 54 Rating, Add	*252.91*	
		For Class 55 Rating, Add	*378.91*	
		For Class 56 Rating, Add	*503.27*	
40 05 19 00-0649	EA	8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,214.12	316.35
		For Class 52 Rating, Deduct	*-190.83*	
		For Class 54 Rating, Add	*265.97*	
		For Class 55 Rating, Add	*398.36*	
		For Class 56 Rating, Add	*529.02*	
40 05 19 00-0650	EA	8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,305.43	319.36
		For Class 52 Rating, Deduct	*-200.37*	
		For Class 54 Rating, Add	*279.04*	
		For Class 55 Rating, Add	*417.82*	
		For Class 56 Rating, Add	*554.77*	
40 05 19 00-0651	EA	8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,396.73	322.38
		For Class 52 Rating, Deduct	*-209.91*	
		For Class 54 Rating, Add	*292.10*	
		For Class 55 Rating, Add	*437.27*	
		For Class 56 Rating, Add	*580.53*	
40 05 19 00-0652	EA	8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,488.03	325.39
		For Class 52 Rating, Deduct	*-219.45*	
		For Class 54 Rating, Add	*305.17*	
		For Class 55 Rating, Add	*456.72*	
		For Class 56 Rating, Add	*606.28*	
40 05 19 00-0653	EA	8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,579.34	328.41
		For Class 52 Rating, Deduct	*-228.99*	
		For Class 54 Rating, Add	*318.23*	
		For Class 55 Rating, Add	*476.17*	
		For Class 56 Rating, Add	*632.03*	
40 05 19 00-0654	EA	8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,670.64	331.42
		For Class 52 Rating, Deduct	*-238.54*	
		For Class 54 Rating, Add	*331.30*	
		For Class 55 Rating, Add	*495.63*	
		For Class 56 Rating, Add	*657.78*	
40 05 19 00-0655	EA	8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,761.95	334.43
		For Class 52 Rating, Deduct	*-248.08*	
		For Class 54 Rating, Add	*344.37*	
		For Class 55 Rating, Add	*515.08*	
		For Class 56 Rating, Add	*683.54*	
40 05 19 00-0656	EA	8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,853.26	337.44
		For Class 52 Rating, Deduct	*-257.62*	
		For Class 54 Rating, Add	*357.43*	
		For Class 55 Rating, Add	*534.53*	
		For Class 56 Rating, Add	*709.29*	
40 05 19 00-0657	EA	8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,944.56	340.45
		For Class 52 Rating, Deduct	*-267.16*	
		For Class 54 Rating, Add	*370.50*	
		For Class 55 Rating, Add	*553.98*	
		For Class 56 Rating, Add	*735.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0658	EA	8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,035.87	343.47
		For Class 52 Rating, Deduct	*-276.70*	
		For Class 54 Rating, Add	*383.56*	
		For Class 55 Rating, Add	*573.44*	
		For Class 56 Rating, Add	*760.80*	
40 05 19 00-0659	EA	8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,127.17	346.48
		For Class 52 Rating, Deduct	*-286.24*	
		For Class 54 Rating, Add	*396.63*	
		For Class 55 Rating, Add	*592.89*	
		For Class 56 Rating, Add	*786.55*	
40 05 19 00-0660	EA	8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,218.47	349.49
		For Class 52 Rating, Deduct	*-295.78*	
		For Class 54 Rating, Add	*409.70*	
		For Class 55 Rating, Add	*612.34*	
		For Class 56 Rating, Add	*812.30*	
40 05 19 00-0661	EA	8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,309.77	352.50
		For Class 52 Rating, Deduct	*-305.32*	
		For Class 54 Rating, Add	*422.76*	
		For Class 55 Rating, Add	*631.79*	
		For Class 56 Rating, Add	*838.05*	
40 05 19 00-0662	EA	8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,401.07	355.51
		For Class 52 Rating, Deduct	*-314.87*	
		For Class 54 Rating, Add	*435.83*	
		For Class 55 Rating, Add	*651.25*	
		For Class 56 Rating, Add	*863.80*	
40 05 19 00-0663	EA	8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,492.38	358.53
		For Class 52 Rating, Deduct	*-324.41*	
		For Class 54 Rating, Add	*448.89*	
		For Class 55 Rating, Add	*670.70*	
		For Class 56 Rating, Add	*889.56*	
40 05 19 00-0664	EA	8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,583.68	361.55
		For Class 52 Rating, Deduct	*-333.95*	
		For Class 54 Rating, Add	*461.96*	
		For Class 55 Rating, Add	*690.15*	
		For Class 56 Rating, Add	*915.31*	
40 05 19 00-0665	EA	8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,674.99	364.56
		For Class 52 Rating, Deduct	*-343.49*	
		For Class 54 Rating, Add	*475.02*	
		For Class 55 Rating, Add	*709.60*	
		For Class 56 Rating, Add	*941.06*	
40 05 19 00-0666	EA	8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,766.30	367.57
		For Class 52 Rating, Deduct	*-353.03*	
		For Class 54 Rating, Add	*488.09*	
		For Class 55 Rating, Add	*729.06*	
		For Class 56 Rating, Add	*966.81*	
40 05 19 00-0667	EA	8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,857.60	370.59
		For Class 52 Rating, Deduct	*-362.57*	
		For Class 54 Rating, Add	*501.15*	
		For Class 55 Rating, Add	*748.51*	
		For Class 56 Rating, Add	*992.57*	
40 05 19 00-0668	EA	8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,948.90	373.60
		For Class 52 Rating, Deduct	*-372.11*	
		For Class 54 Rating, Add	*514.22*	
		For Class 55 Rating, Add	*767.96*	
		For Class 56 Rating, Add	*1,018.32*	
40 05 19 00-0669	EA	8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,040.21	376.61
		For Class 52 Rating, Deduct	*-381.65*	
		For Class 54 Rating, Add	*527.29*	
		For Class 55 Rating, Add	*787.41*	
		For Class 56 Rating, Add	*1,044.07*	
40 05 19 00-0670	EA	8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,131.51	379.62
		For Class 52 Rating, Deduct	*-391.20*	
		For Class 54 Rating, Add	*540.35*	
		For Class 55 Rating, Add	*806.87*	
		For Class 56 Rating, Add	*1,069.82*	
40 05 19 00-0671	EA	8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,222.82	382.63
		For Class 52 Rating, Deduct	*-400.74*	
		For Class 54 Rating, Add	*553.42*	
		For Class 55 Rating, Add	*826.32*	
		For Class 56 Rating, Add	*1,095.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0672	EA	8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,314.12	385.65
		For Class 52 Rating, Deduct	*-410.28*	
		For Class 54 Rating, Add	*566.48*	
		For Class 55 Rating, Add	*845.77*	
		For Class 56 Rating, Add	*1,121.33*	
40 05 19 00-0673	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,405.43	388.66
		For Class 52 Rating, Deduct	*-419.82*	
		For Class 54 Rating, Add	*579.55*	
		For Class 55 Rating, Add	*865.22*	
		For Class 56 Rating, Add	*1,147.08*	
40 05 19 00-0674	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,496.74	391.67
		For Class 52 Rating, Deduct	*-429.36*	
		For Class 54 Rating, Add	*592.61*	
		For Class 55 Rating, Add	*884.68*	
		For Class 56 Rating, Add	*1,172.83*	
40 05 19 00-0675		**10" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-0554)*		
40 05 19 00-0676	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,288.00	337.44
		For Class 52 Rating, Deduct	*-85.44*	
		For Class 54 Rating, Add	*122.64*	
		For Class 55 Rating, Add	*185.48*	
		For Class 56 Rating, Add	*247.54*	
40 05 19 00-0677	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,406.89	340.45
		For Class 52 Rating, Deduct	*-98.02*	
		For Class 54 Rating, Add	*139.85*	
		For Class 55 Rating, Add	*211.08*	
		For Class 56 Rating, Add	*281.43*	
40 05 19 00-0678	EA	10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,525.80	343.47
		For Class 52 Rating, Deduct	*-110.59*	
		For Class 54 Rating, Add	*157.05*	
		For Class 55 Rating, Add	*236.69*	
		For Class 56 Rating, Add	*315.32*	
40 05 19 00-0679	EA	10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,644.70	346.48
		For Class 52 Rating, Deduct	*-123.17*	
		For Class 54 Rating, Add	*174.26*	
		For Class 55 Rating, Add	*262.30*	
		For Class 56 Rating, Add	*349.22*	
40 05 19 00-0680	EA	10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,763.60	349.49
		For Class 52 Rating, Deduct	*-135.75*	
		For Class 54 Rating, Add	*191.46*	
		For Class 55 Rating, Add	*287.91*	
		For Class 56 Rating, Add	*383.11*	
40 05 19 00-0681	EA	10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,882.51	352.50
		For Class 52 Rating, Deduct	*-148.33*	
		For Class 54 Rating, Add	*208.67*	
		For Class 55 Rating, Add	*313.51*	
		For Class 56 Rating, Add	*417.01*	
40 05 19 00-0682	EA	10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,001.41	355.51
		For Class 52 Rating, Deduct	*-160.90*	
		For Class 54 Rating, Add	*225.88*	
		For Class 55 Rating, Add	*339.12*	
		For Class 56 Rating, Add	*450.90*	
40 05 19 00-0683	EA	10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,120.32	358.53
		For Class 52 Rating, Deduct	*-173.48*	
		For Class 54 Rating, Add	*243.08*	
		For Class 55 Rating, Add	*364.73*	
		For Class 56 Rating, Add	*484.80*	
40 05 19 00-0684	EA	10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,239.22	361.55
		For Class 52 Rating, Deduct	*-186.06*	
		For Class 54 Rating, Add	*260.29*	
		For Class 55 Rating, Add	*390.34*	
		For Class 56 Rating, Add	*518.69*	
40 05 19 00-0685	EA	10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,358.13	364.56
		For Class 52 Rating, Deduct	*-198.63*	
		For Class 54 Rating, Add	*277.49*	
		For Class 55 Rating, Add	*415.94*	
		For Class 56 Rating, Add	*552.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0686	EA	10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,477.03	367.57
		For Class 52 Rating, Deduct	*-211.21*	
		For Class 54 Rating, Add	*294.70*	
		For Class 55 Rating, Add	*441.55*	
		For Class 56 Rating, Add	*586.48*	
40 05 19 00-0687	EA	10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,595.93	370.59
		For Class 52 Rating, Deduct	*-223.79*	
		For Class 54 Rating, Add	*311.90*	
		For Class 55 Rating, Add	*467.16*	
		For Class 56 Rating, Add	*620.37*	
40 05 19 00-0688	EA	10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,714.83	373.60
		For Class 52 Rating, Deduct	*-236.37*	
		For Class 54 Rating, Add	*329.11*	
		For Class 55 Rating, Add	*492.76*	
		For Class 56 Rating, Add	*654.27*	
40 05 19 00-0689	EA	10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,833.74	376.61
		For Class 52 Rating, Deduct	*-248.94*	
		For Class 54 Rating, Add	*346.32*	
		For Class 55 Rating, Add	*518.37*	
		For Class 56 Rating, Add	*688.16*	
40 05 19 00-0690	EA	10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,952.64	379.62
		For Class 52 Rating, Deduct	*-261.52*	
		For Class 54 Rating, Add	*363.52*	
		For Class 55 Rating, Add	*543.98*	
		For Class 56 Rating, Add	*722.06*	
40 05 19 00-0691	EA	10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,071.55	382.63
		For Class 52 Rating, Deduct	*-274.10*	
		For Class 54 Rating, Add	*380.73*	
		For Class 55 Rating, Add	*569.59*	
		For Class 56 Rating, Add	*755.95*	
40 05 19 00-0692	EA	10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,190.45	385.65
		For Class 52 Rating, Deduct	*-286.68*	
		For Class 54 Rating, Add	*397.93*	
		For Class 55 Rating, Add	*595.19*	
		For Class 56 Rating, Add	*789.85*	
40 05 19 00-0693	EA	10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,309.36	388.66
		For Class 52 Rating, Deduct	*-299.25*	
		For Class 54 Rating, Add	*415.14*	
		For Class 55 Rating, Add	*620.80*	
		For Class 56 Rating, Add	*823.74*	
40 05 19 00-0694	EA	10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,428.27	391.67
		For Class 52 Rating, Deduct	*-311.83*	
		For Class 54 Rating, Add	*432.34*	
		For Class 55 Rating, Add	*646.41*	
		For Class 56 Rating, Add	*857.64*	
40 05 19 00-0695	EA	10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,547.16	394.68
		For Class 52 Rating, Deduct	*-324.41*	
		For Class 54 Rating, Add	*449.55*	
		For Class 55 Rating, Add	*672.01*	
		For Class 56 Rating, Add	*891.53*	
40 05 19 00-0696	EA	10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,666.06	397.70
		For Class 52 Rating, Deduct	*-336.98*	
		For Class 54 Rating, Add	*466.75*	
		For Class 55 Rating, Add	*697.62*	
		For Class 56 Rating, Add	*925.42*	
40 05 19 00-0697	EA	10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,784.97	400.72
		For Class 52 Rating, Deduct	*-349.56*	
		For Class 54 Rating, Add	*483.96*	
		For Class 55 Rating, Add	*723.23*	
		For Class 56 Rating, Add	*959.32*	
40 05 19 00-0698	EA	10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,903.87	403.73
		For Class 52 Rating, Deduct	*-362.14*	
		For Class 54 Rating, Add	*501.17*	
		For Class 55 Rating, Add	*748.83*	
		For Class 56 Rating, Add	*993.21*	
40 05 19 00-0699	EA	10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,022.78	406.74
		For Class 52 Rating, Deduct	*-374.72*	
		For Class 54 Rating, Add	*518.37*	
		For Class 55 Rating, Add	*774.44*	
		For Class 56 Rating, Add	*1,027.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0700	EA	10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,141.68	409.75
		For Class 52 Rating, Deduct	*-387.29*	
		For Class 54 Rating, Add	*535.58*	
		For Class 55 Rating, Add	*800.05*	
		For Class 56 Rating, Add	*1,061.00*	
40 05 19 00-0701	EA	10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,260.59	412.76
		For Class 52 Rating, Deduct	*-399.87*	
		For Class 54 Rating, Add	*552.78*	
		For Class 55 Rating, Add	*825.66*	
		For Class 56 Rating, Add	*1,094.90*	
40 05 19 00-0702	EA	10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,379.50	415.78
		For Class 52 Rating, Deduct	*-412.45*	
		For Class 54 Rating, Add	*569.99*	
		For Class 55 Rating, Add	*851.26*	
		For Class 56 Rating, Add	*1,128.79*	
40 05 19 00-0703	EA	10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,498.40	418.79
		For Class 52 Rating, Deduct	*-425.03*	
		For Class 54 Rating, Add	*587.19*	
		For Class 55 Rating, Add	*876.87*	
		For Class 56 Rating, Add	*1,162.68*	
40 05 19 00-0704	EA	10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,617.29	421.80
		For Class 52 Rating, Deduct	*-437.60*	
		For Class 54 Rating, Add	*604.40*	
		For Class 55 Rating, Add	*902.48*	
		For Class 56 Rating, Add	*1,196.58*	
40 05 19 00-0705	EA	10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,736.20	424.81
		For Class 52 Rating, Deduct	*-450.18*	
		For Class 54 Rating, Add	*621.60*	
		For Class 55 Rating, Add	*928.08*	
		For Class 56 Rating, Add	*1,230.47*	
40 05 19 00-0706	EA	10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,855.10	427.82
		For Class 52 Rating, Deduct	*-462.76*	
		For Class 54 Rating, Add	*638.81*	
		For Class 55 Rating, Add	*953.69*	
		For Class 56 Rating, Add	*1,264.37*	
40 05 19 00-0707	EA	10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,974.01	430.84
		For Class 52 Rating, Deduct	*-475.33*	
		For Class 54 Rating, Add	*656.02*	
		For Class 55 Rating, Add	*979.30*	
		For Class 56 Rating, Add	*1,298.26*	
40 05 19 00-0708	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,092.91	433.85
		For Class 52 Rating, Deduct	*-487.91*	
		For Class 54 Rating, Add	*673.22*	
		For Class 55 Rating, Add	*1,004.91*	
		For Class 56 Rating, Add	*1,332.15*	
40 05 19 00-0709	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,211.81	436.87
		For Class 52 Rating, Deduct	*-500.49*	
		For Class 54 Rating, Add	*690.43*	
		For Class 55 Rating, Add	*1,030.51*	
		For Class 56 Rating, Add	*1,366.05*	
40 05 19 00-0710	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,330.73	439.88
		For Class 52 Rating, Deduct	*-513.07*	
		For Class 54 Rating, Add	*707.63*	
		For Class 55 Rating, Add	*1,056.12*	
		For Class 56 Rating, Add	*1,399.94*	
40 05 19 00-0711	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,449.63	442.89
		For Class 52 Rating, Deduct	*-525.64*	
		For Class 54 Rating, Add	*724.84*	
		For Class 55 Rating, Add	*1,081.73*	
		For Class 56 Rating, Add	*1,433.84*	
40 05 19 00-0712	EA	10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,568.53	445.91
		For Class 52 Rating, Deduct	*-538.22*	
		For Class 54 Rating, Add	*742.05*	
		For Class 55 Rating, Add	*1,107.34*	
		For Class 56 Rating, Add	*1,467.73*	
40 05 19 00-0713	EA	10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,687.43	448.92
		For Class 52 Rating, Deduct	*-550.80*	
		For Class 54 Rating, Add	*759.25*	
		For Class 55 Rating, Add	*1,132.94*	
		For Class 56 Rating, Add	*1,501.63*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0714		EA	10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,806.33	451.93
			For Class 52 Rating, Deduct	*-563.37*	
			For Class 54 Rating, Add	*776.46*	
			For Class 55 Rating, Add	*1,158.55*	
			For Class 56 Rating, Add	*1,535.52*	
40 05 19 00-0715			12" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*		
40 05 19 00-0716		EA	12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,668.14	421.80
			For Class 52 Rating, Deduct	*-113.20*	
			For Class 54 Rating, Add	*162.03*	
			For Class 55 Rating, Add	*244.82*	
			For Class 56 Rating, Add	*326.58*	
40 05 19 00-0717		EA	12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,816.62	424.81
			For Class 52 Rating, Deduct	*-129.03*	
			For Class 54 Rating, Add	*183.67*	
			For Class 55 Rating, Add	*277.02*	
			For Class 56 Rating, Add	*369.19*	
40 05 19 00-0718		EA	12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,965.09	427.82
			For Class 52 Rating, Deduct	*-144.86*	
			For Class 54 Rating, Add	*205.31*	
			For Class 55 Rating, Add	*309.22*	
			For Class 56 Rating, Add	*411.81*	
40 05 19 00-0719		EA	12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,113.57	430.84
			For Class 52 Rating, Deduct	*-160.69*	
			For Class 54 Rating, Add	*226.95*	
			For Class 55 Rating, Add	*341.42*	
			For Class 56 Rating, Add	*454.43*	
40 05 19 00-0720		EA	12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,262.04	433.85
			For Class 52 Rating, Deduct	*-176.52*	
			For Class 54 Rating, Add	*248.59*	
			For Class 55 Rating, Add	*373.62*	
			For Class 56 Rating, Add	*497.05*	
40 05 19 00-0721		EA	12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,410.51	436.87
			For Class 52 Rating, Deduct	*-192.35*	
			For Class 54 Rating, Add	*270.23*	
			For Class 55 Rating, Add	*405.82*	
			For Class 56 Rating, Add	*539.67*	
40 05 19 00-0722		EA	12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,559.00	439.88
			For Class 52 Rating, Deduct	*-208.18*	
			For Class 54 Rating, Add	*291.87*	
			For Class 55 Rating, Add	*438.03*	
			For Class 56 Rating, Add	*582.28*	
40 05 19 00-0723		EA	12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,707.46	442.89
			For Class 52 Rating, Deduct	*-224.01*	
			For Class 54 Rating, Add	*313.51*	
			For Class 55 Rating, Add	*470.22*	
			For Class 56 Rating, Add	*624.90*	
40 05 19 00-0724		EA	12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,855.93	445.91
			For Class 52 Rating, Deduct	*-239.84*	
			For Class 54 Rating, Add	*335.16*	
			For Class 55 Rating, Add	*502.43*	
			For Class 56 Rating, Add	*667.52*	
40 05 19 00-0725		EA	12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,004.41	448.92
			For Class 52 Rating, Deduct	*-255.67*	
			For Class 54 Rating, Add	*356.80*	
			For Class 55 Rating, Add	*534.63*	
			For Class 56 Rating, Add	*710.13*	
40 05 19 00-0726		EA	12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,152.88	451.93
			For Class 52 Rating, Deduct	*-271.50*	
			For Class 54 Rating, Add	*378.44*	
			For Class 55 Rating, Add	*566.83*	
			For Class 56 Rating, Add	*752.75*	
40 05 19 00-0727		EA	12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,301.36	454.94
			For Class 52 Rating, Deduct	*-287.33*	
			For Class 54 Rating, Add	*400.08*	
			For Class 55 Rating, Add	*599.03*	
			For Class 56 Rating, Add	*795.37*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0728	EA	12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,449.83	457.96
		For Class 52 Rating, Deduct	*-303.16*	
		For Class 54 Rating, Add	*421.72*	
		For Class 55 Rating, Add	*631.23*	
		For Class 56 Rating, Add	*837.99*	
40 05 19 00-0729	EA	12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,598.30	460.97
		For Class 52 Rating, Deduct	*-318.99*	
		For Class 54 Rating, Add	*443.36*	
		For Class 55 Rating, Add	*663.43*	
		For Class 56 Rating, Add	*880.61*	
40 05 19 00-0730	EA	12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,746.79	463.98
		For Class 52 Rating, Deduct	*-334.82*	
		For Class 54 Rating, Add	*465.00*	
		For Class 55 Rating, Add	*695.64*	
		For Class 56 Rating, Add	*923.22*	
40 05 19 00-0731	EA	12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,895.26	466.99
		For Class 52 Rating, Deduct	*-350.65*	
		For Class 54 Rating, Add	*486.64*	
		For Class 55 Rating, Add	*727.84*	
		For Class 56 Rating, Add	*965.84*	
40 05 19 00-0732	EA	12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,043.73	470.00
		For Class 52 Rating, Deduct	*-366.48*	
		For Class 54 Rating, Add	*508.29*	
		For Class 55 Rating, Add	*760.04*	
		For Class 56 Rating, Add	*1,008.46*	
40 05 19 00-0733	EA	12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,192.21	473.03
		For Class 52 Rating, Deduct	*-382.31*	
		For Class 54 Rating, Add	*529.93*	
		For Class 55 Rating, Add	*792.24*	
		For Class 56 Rating, Add	*1,051.08*	
40 05 19 00-0734	EA	12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,340.68	476.04
		For Class 52 Rating, Deduct	*-398.14*	
		For Class 54 Rating, Add	*551.57*	
		For Class 55 Rating, Add	*824.44*	
		For Class 56 Rating, Add	*1,093.69*	
40 05 19 00-0735	EA	12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,489.16	479.05
		For Class 52 Rating, Deduct	*-413.97*	
		For Class 54 Rating, Add	*573.21*	
		For Class 55 Rating, Add	*856.64*	
		For Class 56 Rating, Add	*1,136.31*	
40 05 19 00-0736	EA	12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,637.63	482.06
		For Class 52 Rating, Deduct	*-429.80*	
		For Class 54 Rating, Add	*594.85*	
		For Class 55 Rating, Add	*888.84*	
		For Class 56 Rating, Add	*1,178.93*	
40 05 19 00-0737	EA	12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,786.09	485.07
		For Class 52 Rating, Deduct	*-445.63*	
		For Class 54 Rating, Add	*616.49*	
		For Class 55 Rating, Add	*921.04*	
		For Class 56 Rating, Add	*1,221.54*	
40 05 19 00-0738	EA	12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,934.58	488.09
		For Class 52 Rating, Deduct	*-461.46*	
		For Class 54 Rating, Add	*638.13*	
		For Class 55 Rating, Add	*953.24*	
		For Class 56 Rating, Add	*1,264.16*	
40 05 19 00-0739	EA	12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,083.05	491.10
		For Class 52 Rating, Deduct	*-477.29*	
		For Class 54 Rating, Add	*659.77*	
		For Class 55 Rating, Add	*985.45*	
		For Class 56 Rating, Add	*1,306.78*	
40 05 19 00-0740	EA	12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,231.52	494.11
		For Class 52 Rating, Deduct	*-493.12*	
		For Class 54 Rating, Add	*681.41*	
		For Class 55 Rating, Add	*1,017.65*	
		For Class 56 Rating, Add	*1,349.40*	
40 05 19 00-0741	EA	12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,380.00	497.12
		For Class 52 Rating, Deduct	*-508.95*	
		For Class 54 Rating, Add	*703.06*	
		For Class 55 Rating, Add	*1,049.85*	
		For Class 56 Rating, Add	*1,392.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0742	EA	12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,528.47	500.13
		For Class 52 Rating, Deduct	*-524.78*	
		For Class 54 Rating, Add	*724.70*	
		For Class 55 Rating, Add	*1,082.05*	
		For Class 56 Rating, Add	*1,434.63*	
40 05 19 00-0743	EA	12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,676.95	503.15
		For Class 52 Rating, Deduct	*-540.61*	
		For Class 54 Rating, Add	*746.34*	
		For Class 55 Rating, Add	*1,114.25*	
		For Class 56 Rating, Add	*1,477.25*	
40 05 19 00-0744	EA	12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,825.42	506.16
		For Class 52 Rating, Deduct	*-556.44*	
		For Class 54 Rating, Add	*767.98*	
		For Class 55 Rating, Add	*1,146.45*	
		For Class 56 Rating, Add	*1,519.87*	
40 05 19 00-0745	EA	12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,973.89	509.17
		For Class 52 Rating, Deduct	*-572.27*	
		For Class 54 Rating, Add	*789.62*	
		For Class 55 Rating, Add	*1,178.65*	
		For Class 56 Rating, Add	*1,562.49*	
40 05 19 00-0746	EA	12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,122.38	512.19
		For Class 52 Rating, Deduct	*-588.10*	
		For Class 54 Rating, Add	*811.26*	
		For Class 55 Rating, Add	*1,210.86*	
		For Class 56 Rating, Add	*1,605.11*	
40 05 19 00-0747	EA	12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,270.85	515.20
		For Class 52 Rating, Deduct	*-603.93*	
		For Class 54 Rating, Add	*832.90*	
		For Class 55 Rating, Add	*1,243.06*	
		For Class 56 Rating, Add	*1,647.72*	
40 05 19 00-0748	EA	12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,419.32	518.22
		For Class 52 Rating, Deduct	*-619.76*	
		For Class 54 Rating, Add	*854.54*	
		For Class 55 Rating, Add	*1,275.26*	
		For Class 56 Rating, Add	*1,690.34*	
40 05 19 00-0749	EA	12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,567.80	521.23
		For Class 52 Rating, Deduct	*-635.59*	
		For Class 54 Rating, Add	*876.19*	
		For Class 55 Rating, Add	*1,307.46*	
		For Class 56 Rating, Add	*1,732.96*	
40 05 19 00-0750	EA	12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,716.27	524.24
		For Class 52 Rating, Deduct	*-651.42*	
		For Class 54 Rating, Add	*897.83*	
		For Class 55 Rating, Add	*1,339.66*	
		For Class 56 Rating, Add	*1,775.58*	
40 05 19 00-0751	EA	12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,864.74	527.25
		For Class 52 Rating, Deduct	*-667.25*	
		For Class 54 Rating, Add	*919.47*	
		For Class 55 Rating, Add	*1,371.86*	
		For Class 56 Rating, Add	*1,818.19*	
40 05 19 00-0752	EA	12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,013.21	530.26
		For Class 52 Rating, Deduct	*-683.08*	
		For Class 54 Rating, Add	*941.11*	
		For Class 55 Rating, Add	*1,404.06*	
		For Class 56 Rating, Add	*1,860.81*	
40 05 19 00-0753	EA	12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,161.68	533.28
		For Class 52 Rating, Deduct	*-698.91*	
		For Class 54 Rating, Add	*962.75*	
		For Class 55 Rating, Add	*1,436.26*	
		For Class 56 Rating, Add	*1,903.43*	
40 05 19 00-0754	EA	12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,310.16	536.29
		For Class 52 Rating, Deduct	*-714.74*	
		For Class 54 Rating, Add	*984.39*	
		For Class 55 Rating, Add	*1,468.47*	
		For Class 56 Rating, Add	*1,946.04*	

40 05 19 00-0755 14" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0756	EA	14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,304.57	506.16
		For Class 52 Rating, Deduct	*-169.14*	
		For Class 54 Rating, Add	*239.85*	
		For Class 55 Rating, Add	*361.30*	
		For Class 56 Rating, Add	*481.22*	
40 05 19 00-0757	EA	14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,484.58	509.17
		For Class 52 Rating, Deduct	*-188.44*	
		For Class 54 Rating, Add	*266.22*	
		For Class 55 Rating, Add	*400.54*	
		For Class 56 Rating, Add	*533.14*	
40 05 19 00-0758	EA	14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,664.61	512.19
		For Class 52 Rating, Deduct	*-207.74*	
		For Class 54 Rating, Add	*292.60*	
		For Class 55 Rating, Add	*439.77*	
		For Class 56 Rating, Add	*585.06*	
40 05 19 00-0759	EA	14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,844.62	515.20
		For Class 52 Rating, Deduct	*-227.04*	
		For Class 54 Rating, Add	*318.97*	
		For Class 55 Rating, Add	*479.01*	
		For Class 56 Rating, Add	*636.98*	
40 05 19 00-0760	EA	14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,024.63	518.22
		For Class 52 Rating, Deduct	*-246.34*	
		For Class 54 Rating, Add	*345.34*	
		For Class 55 Rating, Add	*518.24*	
		For Class 56 Rating, Add	*688.91*	
40 05 19 00-0761	EA	14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,204.66	521.23
		For Class 52 Rating, Deduct	*-265.64*	
		For Class 54 Rating, Add	*371.71*	
		For Class 55 Rating, Add	*557.48*	
		For Class 56 Rating, Add	*740.83*	
40 05 19 00-0762	EA	14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,384.67	524.24
		For Class 52 Rating, Deduct	*-284.94*	
		For Class 54 Rating, Add	*398.09*	
		For Class 55 Rating, Add	*596.72*	
		For Class 56 Rating, Add	*792.75*	
40 05 19 00-0763	EA	14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,564.69	527.25
		For Class 52 Rating, Deduct	*-304.24*	
		For Class 54 Rating, Add	*424.46*	
		For Class 55 Rating, Add	*635.95*	
		For Class 56 Rating, Add	*844.68*	
40 05 19 00-0764	EA	14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,744.70	530.26
		For Class 52 Rating, Deduct	*-323.54*	
		For Class 54 Rating, Add	*450.83*	
		For Class 55 Rating, Add	*675.19*	
		For Class 56 Rating, Add	*896.60*	
40 05 19 00-0765	EA	14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,924.71	533.28
		For Class 52 Rating, Deduct	*-342.84*	
		For Class 54 Rating, Add	*477.20*	
		For Class 55 Rating, Add	*714.42*	
		For Class 56 Rating, Add	*948.52*	
40 05 19 00-0766	EA	14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,104.73	536.29
		For Class 52 Rating, Deduct	*-362.14*	
		For Class 54 Rating, Add	*503.58*	
		For Class 55 Rating, Add	*753.66*	
		For Class 56 Rating, Add	*1,000.44*	
40 05 19 00-0767	EA	14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,284.75	539.30
		For Class 52 Rating, Deduct	*-381.44*	
		For Class 54 Rating, Add	*529.95*	
		For Class 55 Rating, Add	*792.89*	
		For Class 56 Rating, Add	*1,052.36*	
40 05 19 00-0768	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,464.76	542.31
		For Class 52 Rating, Deduct	*-400.74*	
		For Class 54 Rating, Add	*556.32*	
		For Class 55 Rating, Add	*832.13*	
		For Class 56 Rating, Add	*1,104.29*	
40 05 19 00-0769	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,644.78	545.33
		For Class 52 Rating, Deduct	*-420.04*	
		For Class 54 Rating, Add	*582.69*	
		For Class 55 Rating, Add	*871.36*	
		For Class 56 Rating, Add	*1,156.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0770	EA	14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,824.80	548.34
		For Class 52 Rating, Deduct	*-439.34*	
		For Class 54 Rating, Add	*609.07*	
		For Class 55 Rating, Add	*910.60*	
		For Class 56 Rating, Add	*1,208.13*	
40 05 19 00-0771	EA	14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,004.82	551.36
		For Class 52 Rating, Deduct	*-458.64*	
		For Class 54 Rating, Add	*635.44*	
		For Class 55 Rating, Add	*949.83*	
		For Class 56 Rating, Add	*1,260.06*	
40 05 19 00-0772	EA	14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,184.83	554.37
		For Class 52 Rating, Deduct	*-477.94*	
		For Class 54 Rating, Add	*661.81*	
		For Class 55 Rating, Add	*989.07*	
		For Class 56 Rating, Add	*1,311.98*	
40 05 19 00-0773	EA	14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,364.84	557.38
		For Class 52 Rating, Deduct	*-497.24*	
		For Class 54 Rating, Add	*688.18*	
		For Class 55 Rating, Add	*1,028.30*	
		For Class 56 Rating, Add	*1,363.90*	
40 05 19 00-0774	EA	14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,544.86	560.40
		For Class 52 Rating, Deduct	*-516.54*	
		For Class 54 Rating, Add	*714.56*	
		For Class 55 Rating, Add	*1,067.54*	
		For Class 56 Rating, Add	*1,415.82*	
40 05 19 00-0775	EA	14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,724.88	563.41
		For Class 52 Rating, Deduct	*-535.84*	
		For Class 54 Rating, Add	*740.93*	
		For Class 55 Rating, Add	*1,106.77*	
		For Class 56 Rating, Add	*1,467.74*	
40 05 19 00-0776	EA	14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,904.89	566.42
		For Class 52 Rating, Deduct	*-555.13*	
		For Class 54 Rating, Add	*767.30*	
		For Class 55 Rating, Add	*1,146.01*	
		For Class 56 Rating, Add	*1,519.67*	
40 05 19 00-0777	EA	14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,084.91	569.43
		For Class 52 Rating, Deduct	*-574.43*	
		For Class 54 Rating, Add	*793.67*	
		For Class 55 Rating, Add	*1,185.24*	
		For Class 56 Rating, Add	*1,571.59*	
40 05 19 00-0778	EA	14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,264.92	572.44
		For Class 52 Rating, Deduct	*-593.73*	
		For Class 54 Rating, Add	*820.05*	
		For Class 55 Rating, Add	*1,224.48*	
		For Class 56 Rating, Add	*1,623.51*	
40 05 19 00-0779	EA	14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,444.94	575.46
		For Class 52 Rating, Deduct	*-613.03*	
		For Class 54 Rating, Add	*846.42*	
		For Class 55 Rating, Add	*1,263.71*	
		For Class 56 Rating, Add	*1,675.43*	
40 05 19 00-0780	EA	14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,624.96	578.47
		For Class 52 Rating, Deduct	*-632.33*	
		For Class 54 Rating, Add	*872.79*	
		For Class 55 Rating, Add	*1,302.95*	
		For Class 56 Rating, Add	*1,727.36*	
40 05 19 00-0781	EA	14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,804.97	581.48
		For Class 52 Rating, Deduct	*-651.63*	
		For Class 54 Rating, Add	*899.16*	
		For Class 55 Rating, Add	*1,342.18*	
		For Class 56 Rating, Add	*1,779.28*	
40 05 19 00-0782	EA	14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,984.99	584.49
		For Class 52 Rating, Deduct	*-670.93*	
		For Class 54 Rating, Add	*925.54*	
		For Class 55 Rating, Add	*1,381.42*	
		For Class 56 Rating, Add	*1,831.20*	
40 05 19 00-0783	EA	14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,165.01	587.51
		For Class 52 Rating, Deduct	*-690.23*	
		For Class 54 Rating, Add	*951.91*	
		For Class 55 Rating, Add	*1,420.65*	
		For Class 56 Rating, Add	*1,883.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0784	EA	14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,345.02	590.53
		For Class 52 Rating, Deduct	*-709.53*	
		For Class 54 Rating, Add	*978.28*	
		For Class 55 Rating, Add	*1,459.89*	
		For Class 56 Rating, Add	*1,935.05*	
40 05 19 00-0785	EA	14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,525.04	593.54
		For Class 52 Rating, Deduct	*-728.83*	
		For Class 54 Rating, Add	*1,004.65*	
		For Class 55 Rating, Add	*1,499.12*	
		For Class 56 Rating, Add	*1,986.97*	
40 05 19 00-0786	EA	14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,705.05	596.55
		For Class 52 Rating, Deduct	*-748.13*	
		For Class 54 Rating, Add	*1,031.02*	
		For Class 55 Rating, Add	*1,538.36*	
		For Class 56 Rating, Add	*2,038.89*	
40 05 19 00-0787	EA	14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,885.07	599.56
		For Class 52 Rating, Deduct	*-767.43*	
		For Class 54 Rating, Add	*1,057.40*	
		For Class 55 Rating, Add	*1,577.59*	
		For Class 56 Rating, Add	*2,090.81*	
40 05 19 00-0788	EA	14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,065.08	602.57
		For Class 52 Rating, Deduct	*-786.73*	
		For Class 54 Rating, Add	*1,083.77*	
		For Class 55 Rating, Add	*1,616.83*	
		For Class 56 Rating, Add	*2,142.73*	
40 05 19 00-0789	EA	14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,245.10	605.59
		For Class 52 Rating, Deduct	*-806.03*	
		For Class 54 Rating, Add	*1,110.14*	
		For Class 55 Rating, Add	*1,656.06*	
		For Class 56 Rating, Add	*2,194.66*	
40 05 19 00-0790	EA	14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,425.12	608.60
		For Class 52 Rating, Deduct	*-825.33*	
		For Class 54 Rating, Add	*1,136.52*	
		For Class 55 Rating, Add	*1,695.30*	
		For Class 56 Rating, Add	*2,246.58*	
40 05 19 00-0791	EA	14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,605.13	611.61
		For Class 52 Rating, Deduct	*-844.63*	
		For Class 54 Rating, Add	*1,162.89*	
		For Class 55 Rating, Add	*1,734.53*	
		For Class 56 Rating, Add	*2,298.50*	
40 05 19 00-0792	EA	14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,785.15	614.62
		For Class 52 Rating, Deduct	*-863.93*	
		For Class 54 Rating, Add	*1,189.26*	
		For Class 55 Rating, Add	*1,773.77*	
		For Class 56 Rating, Add	*2,350.43*	
40 05 19 00-0793	EA	14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,965.17	617.64
		For Class 52 Rating, Deduct	*-883.23*	
		For Class 54 Rating, Add	*1,215.63*	
		For Class 55 Rating, Add	*1,813.00*	
		For Class 56 Rating, Add	*2,402.35*	

40 05 19 00-0794 16" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0795	EA	16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,696.04	578.47
		For Class 52 Rating, Deduct	*-200.15*	
		For Class 54 Rating, Add	*283.45*	
		For Class 55 Rating, Add	*426.80*	
		For Class 56 Rating, Add	*568.33*	
40 05 19 00-0796	EA	16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,905.62	581.48
		For Class 52 Rating, Deduct	*-222.70*	
		For Class 54 Rating, Add	*314.26*	
		For Class 55 Rating, Add	*472.63*	
		For Class 56 Rating, Add	*628.97*	
40 05 19 00-0797	EA	16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,115.21	584.49
		For Class 52 Rating, Deduct	*-245.26*	
		For Class 54 Rating, Add	*345.07*	
		For Class 55 Rating, Add	*518.46*	
		For Class 56 Rating, Add	*689.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0798	EA	16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,324.80	587.51
		For Class 52 Rating, Deduct	*-267.81*	
		For Class 54 Rating, Add	*375.88*	
		For Class 55 Rating, Add	*564.29*	
		For Class 56 Rating, Add	*750.26*	
40 05 19 00-0799	EA	16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,534.38	590.53
		For Class 52 Rating, Deduct	*-290.36*	
		For Class 54 Rating, Add	*406.68*	
		For Class 55 Rating, Add	*610.12*	
		For Class 56 Rating, Add	*810.91*	
40 05 19 00-0800	EA	16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,743.97	593.54
		For Class 52 Rating, Deduct	*-312.91*	
		For Class 54 Rating, Add	*437.49*	
		For Class 55 Rating, Add	*655.94*	
		For Class 56 Rating, Add	*871.55*	
40 05 19 00-0801	EA	16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,953.55	596.55
		For Class 52 Rating, Deduct	*-335.47*	
		For Class 54 Rating, Add	*468.30*	
		For Class 55 Rating, Add	*701.77*	
		For Class 56 Rating, Add	*932.20*	
40 05 19 00-0802	EA	16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,163.15	599.56
		For Class 52 Rating, Deduct	*-358.02*	
		For Class 54 Rating, Add	*499.11*	
		For Class 55 Rating, Add	*747.60*	
		For Class 56 Rating, Add	*992.85*	
40 05 19 00-0803	EA	16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,372.73	602.57
		For Class 52 Rating, Deduct	*-380.57*	
		For Class 54 Rating, Add	*529.92*	
		For Class 55 Rating, Add	*793.43*	
		For Class 56 Rating, Add	*1,053.49*	
40 05 19 00-0804	EA	16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,562.59	605.59
		For Class 52 Rating, Deduct	*-400.95*	
		For Class 54 Rating, Add	*557.77*	
		For Class 55 Rating, Add	*834.87*	
		For Class 56 Rating, Add	*1,108.32*	
40 05 19 00-0805	EA	16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,791.90	608.60
		For Class 52 Rating, Deduct	*-425.68*	
		For Class 54 Rating, Add	*591.53*	
		For Class 55 Rating, Add	*885.09*	
		For Class 56 Rating, Add	*1,174.78*	
40 05 19 00-0806	EA	16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,001.48	611.61
		For Class 52 Rating, Deduct	*-448.23*	
		For Class 54 Rating, Add	*622.34*	
		For Class 55 Rating, Add	*930.92*	
		For Class 56 Rating, Add	*1,235.43*	
40 05 19 00-0807	EA	16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,211.07	614.62
		For Class 52 Rating, Deduct	*-470.78*	
		For Class 54 Rating, Add	*653.15*	
		For Class 55 Rating, Add	*976.75*	
		For Class 56 Rating, Add	*1,296.07*	
40 05 19 00-0808	EA	16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,420.66	617.64
		For Class 52 Rating, Deduct	*-493.33*	
		For Class 54 Rating, Add	*683.96*	
		For Class 55 Rating, Add	*1,022.58*	
		For Class 56 Rating, Add	*1,356.72*	
40 05 19 00-0809	EA	16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,630.25	620.65
		For Class 52 Rating, Deduct	*-515.89*	
		For Class 54 Rating, Add	*714.77*	
		For Class 55 Rating, Add	*1,068.41*	
		For Class 56 Rating, Add	*1,417.37*	
40 05 19 00-0810	EA	16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,839.84	623.66
		For Class 52 Rating, Deduct	*-538.44*	
		For Class 54 Rating, Add	*745.57*	
		For Class 55 Rating, Add	*1,114.24*	
		For Class 56 Rating, Add	*1,478.01*	
40 05 19 00-0811	EA	16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,049.42	626.68
		For Class 52 Rating, Deduct	*-560.99*	
		For Class 54 Rating, Add	*776.38*	
		For Class 55 Rating, Add	*1,160.07*	
		For Class 56 Rating, Add	*1,538.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0812	EA	16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,259.00	629.69
		For Class 52 Rating, Deduct	*-583.54*	
		For Class 54 Rating, Add	*807.19*	
		For Class 55 Rating, Add	*1,205.90*	
		For Class 56 Rating, Add	*1,599.30*	
40 05 19 00-0813	EA	16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,468.59	632.71
		For Class 52 Rating, Deduct	*-606.09*	
		For Class 54 Rating, Add	*838.00*	
		For Class 55 Rating, Add	*1,251.73*	
		For Class 56 Rating, Add	*1,659.95*	
40 05 19 00-0814	EA	16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,678.17	635.72
		For Class 52 Rating, Deduct	*-628.65*	
		For Class 54 Rating, Add	*868.80*	
		For Class 55 Rating, Add	*1,297.56*	
		For Class 56 Rating, Add	*1,720.59*	
40 05 19 00-0815	EA	16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,887.76	638.73
		For Class 52 Rating, Deduct	*-651.20*	
		For Class 54 Rating, Add	*899.61*	
		For Class 55 Rating, Add	*1,343.38*	
		For Class 56 Rating, Add	*1,781.24*	
40 05 19 00-0816	EA	16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,097.36	641.74
		For Class 52 Rating, Deduct	*-673.75*	
		For Class 54 Rating, Add	*930.42*	
		For Class 55 Rating, Add	*1,389.22*	
		For Class 56 Rating, Add	*1,841.89*	
40 05 19 00-0817	EA	16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,306.94	644.75
		For Class 52 Rating, Deduct	*-696.30*	
		For Class 54 Rating, Add	*961.23*	
		For Class 55 Rating, Add	*1,435.04*	
		For Class 56 Rating, Add	*1,902.53*	
40 05 19 00-0818	EA	16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,516.53	647.77
		For Class 52 Rating, Deduct	*-718.86*	
		For Class 54 Rating, Add	*992.04*	
		For Class 55 Rating, Add	*1,480.87*	
		For Class 56 Rating, Add	*1,963.18*	
40 05 19 00-0819	EA	16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,726.11	650.78
		For Class 52 Rating, Deduct	*-741.41*	
		For Class 54 Rating, Add	*1,022.84*	
		For Class 55 Rating, Add	*1,526.70*	
		For Class 56 Rating, Add	*2,023.82*	
40 05 19 00-0820	EA	16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,935.69	653.79
		For Class 52 Rating, Deduct	*-763.96*	
		For Class 54 Rating, Add	*1,053.65*	
		For Class 55 Rating, Add	*1,572.53*	
		For Class 56 Rating, Add	*2,084.47*	
40 05 19 00-0821	EA	16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,145.28	656.80
		For Class 52 Rating, Deduct	*-786.51*	
		For Class 54 Rating, Add	*1,084.46*	
		For Class 55 Rating, Add	*1,618.36*	
		For Class 56 Rating, Add	*2,145.11*	
40 05 19 00-0822	EA	16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,354.86	659.81
		For Class 52 Rating, Deduct	*-809.07*	
		For Class 54 Rating, Add	*1,115.27*	
		For Class 55 Rating, Add	*1,664.19*	
		For Class 56 Rating, Add	*2,205.76*	
40 05 19 00-0823	EA	16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,564.46	662.84
		For Class 52 Rating, Deduct	*-831.62*	
		For Class 54 Rating, Add	*1,146.08*	
		For Class 55 Rating, Add	*1,710.02*	
		For Class 56 Rating, Add	*2,266.40*	
40 05 19 00-0824	EA	16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,774.05	665.85
		For Class 52 Rating, Deduct	*-854.17*	
		For Class 54 Rating, Add	*1,176.88*	
		For Class 55 Rating, Add	*1,755.85*	
		For Class 56 Rating, Add	*2,327.05*	
40 05 19 00-0825	EA	16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,983.63	668.86
		For Class 52 Rating, Deduct	*-876.72*	
		For Class 54 Rating, Add	*1,207.69*	
		For Class 55 Rating, Add	*1,801.68*	
		For Class 56 Rating, Add	*2,387.70*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0826	EA	16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,193.22	671.87
		For Class 52 Rating, Deduct	*-899.28*	
		For Class 54 Rating, Add	*1,238.50*	
		For Class 55 Rating, Add	*1,847.51*	
		For Class 56 Rating, Add	*2,448.34*	
40 05 19 00-0827	EA	16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,402.80	674.88
		For Class 52 Rating, Deduct	*-921.83*	
		For Class 54 Rating, Add	*1,269.31*	
		For Class 55 Rating, Add	*1,893.34*	
		For Class 56 Rating, Add	*2,508.99*	
40 05 19 00-0828	EA	16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,612.38	677.90
		For Class 52 Rating, Deduct	*-944.38*	
		For Class 54 Rating, Add	*1,300.12*	
		For Class 55 Rating, Add	*1,939.17*	
		For Class 56 Rating, Add	*2,569.63*	
40 05 19 00-0829	EA	16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,821.97	680.91
		For Class 52 Rating, Deduct	*-966.93*	
		For Class 54 Rating, Add	*1,330.92*	
		For Class 55 Rating, Add	*1,984.99*	
		For Class 56 Rating, Add	*2,630.28*	
40 05 19 00-0830	EA	16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,031.56	683.92
		For Class 52 Rating, Deduct	*-989.49*	
		For Class 54 Rating, Add	*1,361.73*	
		For Class 55 Rating, Add	*2,030.83*	
		For Class 56 Rating, Add	*2,690.92*	
40 05 19 00-0831	EA	16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,241.15	686.93
		For Class 52 Rating, Deduct	*-1,012.04*	
		For Class 54 Rating, Add	*1,392.54*	
		For Class 55 Rating, Add	*2,076.66*	
		For Class 56 Rating, Add	*2,751.57*	
40 05 19 00-0832	EA	16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,450.74	689.95
		For Class 52 Rating, Deduct	*-1,034.59*	
		For Class 54 Rating, Add	*1,423.35*	
		For Class 55 Rating, Add	*2,122.48*	
		For Class 56 Rating, Add	*2,812.21*	
40 05 19 00-0833		18" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*		
40 05 19 00-0834	EA	18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,146.50	651.98
		For Class 52 Rating, Deduct	*-237.45*	
		For Class 54 Rating, Add	*335.65*	
		For Class 55 Rating, Add	*505.09*	
		For Class 56 Rating, Add	*672.36*	
40 05 19 00-0835	EA	18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,387.62	655.01
		For Class 52 Rating, Deduct	*-263.47*	
		For Class 54 Rating, Add	*371.19*	
		For Class 55 Rating, Add	*557.95*	
		For Class 56 Rating, Add	*742.31*	
40 05 19 00-0836	EA	18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,628.75	658.02
		For Class 52 Rating, Deduct	*-289.49*	
		For Class 54 Rating, Add	*406.73*	
		For Class 55 Rating, Add	*610.81*	
		For Class 56 Rating, Add	*812.26*	
40 05 19 00-0837	EA	18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,869.88	661.03
		For Class 52 Rating, Deduct	*-315.52*	
		For Class 54 Rating, Add	*442.27*	
		For Class 55 Rating, Add	*663.67*	
		For Class 56 Rating, Add	*882.21*	
40 05 19 00-0838	EA	18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,111.01	664.04
		For Class 52 Rating, Deduct	*-341.54*	
		For Class 54 Rating, Add	*477.81*	
		For Class 55 Rating, Add	*716.54*	
		For Class 56 Rating, Add	*952.16*	
40 05 19 00-0839	EA	18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,352.14	667.06
		For Class 52 Rating, Deduct	*-367.56*	
		For Class 54 Rating, Add	*513.35*	
		For Class 55 Rating, Add	*769.40*	
		For Class 56 Rating, Add	*1,022.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0840	EA	18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,593.27	670.07
		For Class 52 Rating, Deduct	*-393.58*	
		For Class 54 Rating, Add	*548.89*	
		For Class 55 Rating, Add	*822.26*	
		For Class 56 Rating, Add	*1,092.06*	
40 05 19 00-0841	EA	18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,834.39	673.08
		For Class 52 Rating, Deduct	*-419.60*	
		For Class 54 Rating, Add	*584.42*	
		For Class 55 Rating, Add	*875.13*	
		For Class 56 Rating, Add	*1,162.01*	
40 05 19 00-0842	EA	18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,075.52	676.09
		For Class 52 Rating, Deduct	*-445.63*	
		For Class 54 Rating, Add	*619.96*	
		For Class 55 Rating, Add	*927.99*	
		For Class 56 Rating, Add	*1,231.96*	
40 05 19 00-0843	EA	18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,316.65	679.10
		For Class 52 Rating, Deduct	*-471.65*	
		For Class 54 Rating, Add	*655.50*	
		For Class 55 Rating, Add	*980.85*	
		For Class 56 Rating, Add	*1,301.92*	
40 05 19 00-0844	EA	18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,557.77	682.12
		For Class 52 Rating, Deduct	*-497.67*	
		For Class 54 Rating, Add	*691.04*	
		For Class 55 Rating, Add	*1,033.72*	
		For Class 56 Rating, Add	*1,371.87*	
40 05 19 00-0845	EA	18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,798.90	685.13
		For Class 52 Rating, Deduct	*-523.69*	
		For Class 54 Rating, Add	*726.58*	
		For Class 55 Rating, Add	*1,086.58*	
		For Class 56 Rating, Add	*1,441.82*	
40 05 19 00-0846	EA	18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,040.04	688.14
		For Class 52 Rating, Deduct	*-549.71*	
		For Class 54 Rating, Add	*762.12*	
		For Class 55 Rating, Add	*1,139.44*	
		For Class 56 Rating, Add	*1,511.77*	
40 05 19 00-0847	EA	18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,281.16	691.16
		For Class 52 Rating, Deduct	*-575.74*	
		For Class 54 Rating, Add	*797.66*	
		For Class 55 Rating, Add	*1,192.31*	
		For Class 56 Rating, Add	*1,581.72*	
40 05 19 00-0848	EA	18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,522.29	694.17
		For Class 52 Rating, Deduct	*-601.76*	
		For Class 54 Rating, Add	*833.20*	
		For Class 55 Rating, Add	*1,245.17*	
		For Class 56 Rating, Add	*1,651.67*	
40 05 19 00-0849	EA	18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,763.42	697.19
		For Class 52 Rating, Deduct	*-627.78*	
		For Class 54 Rating, Add	*868.74*	
		For Class 55 Rating, Add	*1,298.03*	
		For Class 56 Rating, Add	*1,721.62*	
40 05 19 00-0850	EA	18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,004.55	700.20
		For Class 52 Rating, Deduct	*-653.80*	
		For Class 54 Rating, Add	*904.28*	
		For Class 55 Rating, Add	*1,350.90*	
		For Class 56 Rating, Add	*1,791.57*	
40 05 19 00-0851	EA	18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,245.67	703.21
		For Class 52 Rating, Deduct	*-679.82*	
		For Class 54 Rating, Add	*939.82*	
		For Class 55 Rating, Add	*1,403.76*	
		For Class 56 Rating, Add	*1,861.52*	
40 05 19 00-0852	EA	18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,486.80	706.22
		For Class 52 Rating, Deduct	*-705.85*	
		For Class 54 Rating, Add	*975.36*	
		For Class 55 Rating, Add	*1,456.62*	
		For Class 56 Rating, Add	*1,931.47*	
40 05 19 00-0853	EA	18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,727.93	709.23
		For Class 52 Rating, Deduct	*-731.87*	
		For Class 54 Rating, Add	*1,010.90*	
		For Class 55 Rating, Add	*1,509.48*	
		For Class 56 Rating, Add	*2,001.42*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0854	EA	18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,969.06	712.25
		For Class 52 Rating, Deduct	*-757.89*	
		For Class 54 Rating, Add	*1,046.43*	
		For Class 55 Rating, Add	*1,562.35*	
		For Class 56 Rating, Add	*2,071.37*	
40 05 19 00-0855	EA	18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,210.19	715.26
		For Class 52 Rating, Deduct	*-783.91*	
		For Class 54 Rating, Add	*1,081.98*	
		For Class 55 Rating, Add	*1,615.21*	
		For Class 56 Rating, Add	*2,141.32*	
40 05 19 00-0856	EA	18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,451.32	718.27
		For Class 52 Rating, Deduct	*-809.93*	
		For Class 54 Rating, Add	*1,117.51*	
		For Class 55 Rating, Add	*1,668.07*	
		For Class 56 Rating, Add	*2,211.27*	
40 05 19 00-0857	EA	18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,692.44	721.28
		For Class 52 Rating, Deduct	*-835.95*	
		For Class 54 Rating, Add	*1,153.05*	
		For Class 55 Rating, Add	*1,720.94*	
		For Class 56 Rating, Add	*2,281.22*	
40 05 19 00-0858	EA	18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,933.58	724.29
		For Class 52 Rating, Deduct	*-861.98*	
		For Class 54 Rating, Add	*1,188.59*	
		For Class 55 Rating, Add	*1,773.80*	
		For Class 56 Rating, Add	*2,351.17*	
40 05 19 00-0859	EA	18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,174.70	727.31
		For Class 52 Rating, Deduct	*-888.00*	
		For Class 54 Rating, Add	*1,224.13*	
		For Class 55 Rating, Add	*1,826.66*	
		For Class 56 Rating, Add	*2,421.12*	
40 05 19 00-0860	EA	18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,415.82	730.33
		For Class 52 Rating, Deduct	*-914.02*	
		For Class 54 Rating, Add	*1,259.67*	
		For Class 55 Rating, Add	*1,879.53*	
		For Class 56 Rating, Add	*2,491.07*	
40 05 19 00-0861	EA	18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,656.96	733.34
		For Class 52 Rating, Deduct	*-940.04*	
		For Class 54 Rating, Add	*1,295.21*	
		For Class 55 Rating, Add	*1,932.39*	
		For Class 56 Rating, Add	*2,561.03*	
40 05 19 00-0862	EA	18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,898.08	736.35
		For Class 52 Rating, Deduct	*-966.07*	
		For Class 54 Rating, Add	*1,330.75*	
		For Class 55 Rating, Add	*1,985.25*	
		For Class 56 Rating, Add	*2,630.98*	
40 05 19 00-0863	EA	18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,139.21	739.36
		For Class 52 Rating, Deduct	*-992.09*	
		For Class 54 Rating, Add	*1,366.29*	
		For Class 55 Rating, Add	*2,038.12*	
		For Class 56 Rating, Add	*2,700.92*	
40 05 19 00-0864	EA	18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,380.35	742.38
		For Class 52 Rating, Deduct	*-1,018.11*	
		For Class 54 Rating, Add	*1,401.83*	
		For Class 55 Rating, Add	*2,090.98*	
		For Class 56 Rating, Add	*2,770.88*	
40 05 19 00-0865	EA	18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,621.47	745.39
		For Class 52 Rating, Deduct	*-1,044.13*	
		For Class 54 Rating, Add	*1,437.37*	
		For Class 55 Rating, Add	*2,143.84*	
		For Class 56 Rating, Add	*2,840.83*	
40 05 19 00-0866	EA	18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,862.60	748.40
		For Class 52 Rating, Deduct	*-1,070.15*	
		For Class 54 Rating, Add	*1,472.91*	
		For Class 55 Rating, Add	*2,196.71*	
		For Class 56 Rating, Add	*2,910.78*	
40 05 19 00-0867	EA	18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,103.72	751.41
		For Class 52 Rating, Deduct	*-1,096.17*	
		For Class 54 Rating, Add	*1,508.45*	
		For Class 55 Rating, Add	*2,249.57*	
		For Class 56 Rating, Add	*2,980.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0868	EA	18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,344.85	754.43
		For Class 52 Rating, Deduct	*-1,122.20*	
		For Class 54 Rating, Add	*1,543.99*	
		For Class 55 Rating, Add	*2,302.43*	
		For Class 56 Rating, Add	*3,050.68*	
40 05 19 00-0869	EA	18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,585.98	757.44
		For Class 52 Rating, Deduct	*-1,148.22*	
		For Class 54 Rating, Add	*1,579.52*	
		For Class 55 Rating, Add	*2,355.30*	
		For Class 56 Rating, Add	*3,120.63*	
40 05 19 00-0870	EA	18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,827.10	760.45
		For Class 52 Rating, Deduct	*-1,174.24*	
		For Class 54 Rating, Add	*1,615.06*	
		For Class 55 Rating, Add	*2,408.16*	
		For Class 56 Rating, Add	*3,190.58*	
40 05 19 00-0871	EA	18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,068.24	763.46
		For Class 52 Rating, Deduct	*-1,200.26*	
		For Class 54 Rating, Add	*1,650.60*	
		For Class 55 Rating, Add	*2,461.02*	
		For Class 56 Rating, Add	*3,260.53*	

40 05 19 00-0872 20" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0873	EA	20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,648.92	744.18
		For Class 52 Rating, Deduct	*-277.35*	
		For Class 54 Rating, Add	*391.74*	
		For Class 55 Rating, Add	*589.33*	
		For Class 56 Rating, Add	*784.40*	
40 05 19 00-0874	EA	20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,925.53	747.19
		For Class 52 Rating, Deduct	*-307.28*	
		For Class 54 Rating, Add	*432.60*	
		For Class 55 Rating, Add	*650.10*	
		For Class 56 Rating, Add	*864.81*	
40 05 19 00-0875	EA	20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,202.13	750.21
		For Class 52 Rating, Deduct	*-337.20*	
		For Class 54 Rating, Add	*473.46*	
		For Class 55 Rating, Add	*710.88*	
		For Class 56 Rating, Add	*945.23*	
40 05 19 00-0876	EA	20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,478.75	753.22
		For Class 52 Rating, Deduct	*-367.13*	
		For Class 54 Rating, Add	*514.32*	
		For Class 55 Rating, Add	*771.65*	
		For Class 56 Rating, Add	*1,025.65*	
40 05 19 00-0877	EA	20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,755.36	756.23
		For Class 52 Rating, Deduct	*-397.05*	
		For Class 54 Rating, Add	*555.18*	
		For Class 55 Rating, Add	*832.43*	
		For Class 56 Rating, Add	*1,106.07*	
40 05 19 00-0878	EA	20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,031.97	759.24
		For Class 52 Rating, Deduct	*-426.98*	
		For Class 54 Rating, Add	*596.05*	
		For Class 55 Rating, Add	*893.21*	
		For Class 56 Rating, Add	*1,186.49*	
40 05 19 00-0879	EA	20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,308.60	762.25
		For Class 52 Rating, Deduct	*-456.90*	
		For Class 54 Rating, Add	*636.91*	
		For Class 55 Rating, Add	*953.98*	
		For Class 56 Rating, Add	*1,266.91*	
40 05 19 00-0880	EA	20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,585.20	765.27
		For Class 52 Rating, Deduct	*-486.83*	
		For Class 54 Rating, Add	*677.77*	
		For Class 55 Rating, Add	*1,014.76*	
		For Class 56 Rating, Add	*1,347.32*	
40 05 19 00-0881	EA	20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,861.82	768.28
		For Class 52 Rating, Deduct	*-516.75*	
		For Class 54 Rating, Add	*718.63*	
		For Class 55 Rating, Add	*1,075.54*	
		For Class 56 Rating, Add	*1,427.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0882	EA	20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,138.43	771.29
		For Class 52 Rating, Deduct	*-546.68*	
		For Class 54 Rating, Add	*759.49*	
		For Class 55 Rating, Add	*1,136.31*	
		For Class 56 Rating, Add	*1,508.16*	
40 05 19 00-0883	EA	20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,415.04	774.30
		For Class 52 Rating, Deduct	*-576.60*	
		For Class 54 Rating, Add	*800.36*	
		For Class 55 Rating, Add	*1,197.09*	
		For Class 56 Rating, Add	*1,588.58*	
40 05 19 00-0884	EA	20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,691.65	777.33
		For Class 52 Rating, Deduct	*-606.53*	
		For Class 54 Rating, Add	*841.22*	
		For Class 55 Rating, Add	*1,257.86*	
		For Class 56 Rating, Add	*1,669.00*	
40 05 19 00-0885	EA	20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,968.26	780.34
		For Class 52 Rating, Deduct	*-636.45*	
		For Class 54 Rating, Add	*882.08*	
		For Class 55 Rating, Add	*1,318.64*	
		For Class 56 Rating, Add	*1,749.42*	
40 05 19 00-0886	EA	20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,244.87	783.35
		For Class 52 Rating, Deduct	*-666.38*	
		For Class 54 Rating, Add	*922.94*	
		For Class 55 Rating, Add	*1,379.42*	
		For Class 56 Rating, Add	*1,829.83*	
40 05 19 00-0887	EA	20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,521.49	786.36
		For Class 52 Rating, Deduct	*-696.30*	
		For Class 54 Rating, Add	*963.80*	
		For Class 55 Rating, Add	*1,440.19*	
		For Class 56 Rating, Add	*1,910.25*	
40 05 19 00-0888	EA	20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,798.10	789.37
		For Class 52 Rating, Deduct	*-726.23*	
		For Class 54 Rating, Add	*1,004.66*	
		For Class 55 Rating, Add	*1,500.97*	
		For Class 56 Rating, Add	*1,990.67*	
40 05 19 00-0889	EA	20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,074.72	792.39
		For Class 52 Rating, Deduct	*-756.15*	
		For Class 54 Rating, Add	*1,045.53*	
		For Class 55 Rating, Add	*1,561.75*	
		For Class 56 Rating, Add	*2,071.09*	
40 05 19 00-0890	EA	20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,351.33	795.40
		For Class 52 Rating, Deduct	*-786.08*	
		For Class 54 Rating, Add	*1,086.39*	
		For Class 55 Rating, Add	*1,622.52*	
		For Class 56 Rating, Add	*2,151.51*	
40 05 19 00-0891	EA	20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,627.94	798.41
		For Class 52 Rating, Deduct	*-816.01*	
		For Class 54 Rating, Add	*1,127.25*	
		For Class 55 Rating, Add	*1,683.30*	
		For Class 56 Rating, Add	*2,231.93*	
40 05 19 00-0892	EA	20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,904.56	801.42
		For Class 52 Rating, Deduct	*-845.93*	
		For Class 54 Rating, Add	*1,168.11*	
		For Class 55 Rating, Add	*1,744.08*	
		For Class 56 Rating, Add	*2,312.35*	
40 05 19 00-0893	EA	20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,181.16	804.43
		For Class 52 Rating, Deduct	*-875.86*	
		For Class 54 Rating, Add	*1,208.97*	
		For Class 55 Rating, Add	*1,804.85*	
		For Class 56 Rating, Add	*2,392.76*	
40 05 19 00-0894	EA	20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,457.77	807.45
		For Class 52 Rating, Deduct	*-905.78*	
		For Class 54 Rating, Add	*1,249.84*	
		For Class 55 Rating, Add	*1,865.63*	
		For Class 56 Rating, Add	*2,473.18*	
40 05 19 00-0895	EA	20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,734.39	810.46
		For Class 52 Rating, Deduct	*-935.71*	
		For Class 54 Rating, Add	*1,290.70*	
		For Class 55 Rating, Add	*1,926.40*	
		For Class 56 Rating, Add	*2,553.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0896	EA	20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,011.01	813.48
		For Class 52 Rating, Deduct	*-965.63*	
		For Class 54 Rating, Add	*1,331.56*	
		For Class 55 Rating, Add	*1,987.18*	
		For Class 56 Rating, Add	*2,634.02*	
40 05 19 00-0897	EA	20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,287.62	816.49
		For Class 52 Rating, Deduct	*-995.56*	
		For Class 54 Rating, Add	*1,372.42*	
		For Class 55 Rating, Add	*2,047.95*	
		For Class 56 Rating, Add	*2,714.44*	
40 05 19 00-0898	EA	20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,564.23	819.50
		For Class 52 Rating, Deduct	*-1,025.48*	
		For Class 54 Rating, Add	*1,413.28*	
		For Class 55 Rating, Add	*2,108.73*	
		For Class 56 Rating, Add	*2,794.86*	
40 05 19 00-0899	EA	20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,840.84	822.52
		For Class 52 Rating, Deduct	*-1,055.41*	
		For Class 54 Rating, Add	*1,454.15*	
		For Class 55 Rating, Add	*2,169.51*	
		For Class 56 Rating, Add	*2,875.27*	
40 05 19 00-0900	EA	20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,117.46	825.53
		For Class 52 Rating, Deduct	*-1,085.33*	
		For Class 54 Rating, Add	*1,495.01*	
		For Class 55 Rating, Add	*2,230.28*	
		For Class 56 Rating, Add	*2,955.69*	
40 05 19 00-0901	EA	20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,394.06	828.54
		For Class 52 Rating, Deduct	*-1,115.26*	
		For Class 54 Rating, Add	*1,535.87*	
		For Class 55 Rating, Add	*2,291.06*	
		For Class 56 Rating, Add	*3,036.11*	
40 05 19 00-0902	EA	20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,670.67	831.55
		For Class 52 Rating, Deduct	*-1,145.18*	
		For Class 54 Rating, Add	*1,576.73*	
		For Class 55 Rating, Add	*2,351.84*	
		For Class 56 Rating, Add	*3,116.53*	
40 05 19 00-0903	EA	20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,947.29	834.56
		For Class 52 Rating, Deduct	*-1,175.11*	
		For Class 54 Rating, Add	*1,617.59*	
		For Class 55 Rating, Add	*2,412.61*	
		For Class 56 Rating, Add	*3,196.95*	
40 05 19 00-0904	EA	20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,223.91	837.58
		For Class 52 Rating, Deduct	*-1,205.03*	
		For Class 54 Rating, Add	*1,658.46*	
		For Class 55 Rating, Add	*2,473.39*	
		For Class 56 Rating, Add	*3,277.37*	
40 05 19 00-0905	EA	20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,500.53	840.59
		For Class 52 Rating, Deduct	*-1,234.96*	
		For Class 54 Rating, Add	*1,699.32*	
		For Class 55 Rating, Add	*2,534.17*	
		For Class 56 Rating, Add	*3,357.79*	
40 05 19 00-0906	EA	20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,777.13	843.60
		For Class 52 Rating, Deduct	*-1,264.88*	
		For Class 54 Rating, Add	*1,740.18*	
		For Class 55 Rating, Add	*2,594.94*	
		For Class 56 Rating, Add	*3,438.20*	
40 05 19 00-0907	EA	20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,053.74	846.61
		For Class 52 Rating, Deduct	*-1,294.81*	
		For Class 54 Rating, Add	*1,781.04*	
		For Class 55 Rating, Add	*2,655.72*	
		For Class 56 Rating, Add	*3,518.62*	
40 05 19 00-0908	EA	20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,330.36	849.62
		For Class 52 Rating, Deduct	*-1,324.73*	
		For Class 54 Rating, Add	*1,821.90*	
		For Class 55 Rating, Add	*2,716.49*	
		For Class 56 Rating, Add	*3,599.04*	
40 05 19 00-0909	EA	20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,606.97	852.65
		For Class 52 Rating, Deduct	*-1,354.66*	
		For Class 54 Rating, Add	*1,862.77*	
		For Class 55 Rating, Add	*2,777.27*	
		For Class 56 Rating, Add	*3,679.46*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0910		EA	20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,883.57	855.66
			For Class 52 Rating, Deduct	*-1,384.58*	
			For Class 54 Rating, Add	*1,903.63*	
			For Class 55 Rating, Add	*2,838.04*	
			For Class 56 Rating, Add	*3,759.88*	

40 05 19 00-0911 24" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0912		EA	24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,518.68	879.76
			For Class 52 Rating, Deduct	*-350.43*	
			For Class 54 Rating, Add	*493.85*	
			For Class 55 Rating, Add	*742.41*	
			For Class 56 Rating, Add	*987.77*	
40 05 19 00-0913		EA	24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,860.35	882.77
			For Class 52 Rating, Deduct	*-387.51*	
			For Class 54 Rating, Add	*544.47*	
			For Class 55 Rating, Add	*817.69*	
			For Class 56 Rating, Add	*1,087.38*	
40 05 19 00-0914		EA	24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,202.01	885.78
			For Class 52 Rating, Deduct	*-424.59*	
			For Class 54 Rating, Add	*595.09*	
			For Class 55 Rating, Add	*892.97*	
			For Class 56 Rating, Add	*1,186.99*	
40 05 19 00-0915		EA	24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,543.70	888.79
			For Class 52 Rating, Deduct	*-461.67*	
			For Class 54 Rating, Add	*645.71*	
			For Class 55 Rating, Add	*968.26*	
			For Class 56 Rating, Add	*1,286.60*	
40 05 19 00-0916		EA	24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,885.36	891.81
			For Class 52 Rating, Deduct	*-498.75*	
			For Class 54 Rating, Add	*696.33*	
			For Class 55 Rating, Add	*1,043.54*	
			For Class 56 Rating, Add	*1,386.21*	
40 05 19 00-0917		EA	24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,227.02	894.83
			For Class 52 Rating, Deduct	*-535.84*	
			For Class 54 Rating, Add	*746.95*	
			For Class 55 Rating, Add	*1,118.82*	
			For Class 56 Rating, Add	*1,485.82*	
40 05 19 00-0918		EA	24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,568.69	897.84
			For Class 52 Rating, Deduct	*-572.92*	
			For Class 54 Rating, Add	*797.57*	
			For Class 55 Rating, Add	*1,194.11*	
			For Class 56 Rating, Add	*1,585.43*	
40 05 19 00-0919		EA	24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,910.36	900.85
			For Class 52 Rating, Deduct	*-610.00*	
			For Class 54 Rating, Add	*848.20*	
			For Class 55 Rating, Add	*1,269.39*	
			For Class 56 Rating, Add	*1,685.04*	
40 05 19 00-0920		EA	24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,252.02	903.86
			For Class 52 Rating, Deduct	*-647.08*	
			For Class 54 Rating, Add	*898.81*	
			For Class 55 Rating, Add	*1,344.67*	
			For Class 56 Rating, Add	*1,784.65*	
40 05 19 00-0921		EA	24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,593.69	906.87
			For Class 52 Rating, Deduct	*-684.16*	
			For Class 54 Rating, Add	*949.43*	
			For Class 55 Rating, Add	*1,419.96*	
			For Class 56 Rating, Add	*1,884.26*	
40 05 19 00-0922		EA	24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,935.35	909.89
			For Class 52 Rating, Deduct	*-721.24*	
			For Class 54 Rating, Add	*1,000.05*	
			For Class 55 Rating, Add	*1,495.24*	
			For Class 56 Rating, Add	*1,983.87*	
40 05 19 00-0923		EA	24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,277.04	912.90
			For Class 52 Rating, Deduct	*-758.32*	
			For Class 54 Rating, Add	*1,050.68*	
			For Class 55 Rating, Add	*1,570.53*	
			For Class 56 Rating, Add	*2,083.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0924	EA	24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,618.70	915.91
		For Class 52 Rating, Deduct	*-795.40*	
		For Class 54 Rating, Add	*1,101.30*	
		For Class 55 Rating, Add	*1,645.81*	
		For Class 56 Rating, Add	*2,183.09*	
40 05 19 00-0925	EA	24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,960.36	918.92
		For Class 52 Rating, Deduct	*-832.49*	
		For Class 54 Rating, Add	*1,151.92*	
		For Class 55 Rating, Add	*1,721.09*	
		For Class 56 Rating, Add	*2,282.70*	
40 05 19 00-0926	EA	24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,302.03	921.93
		For Class 52 Rating, Deduct	*-869.57*	
		For Class 54 Rating, Add	*1,202.54*	
		For Class 55 Rating, Add	*1,796.37*	
		For Class 56 Rating, Add	*2,382.31*	
40 05 19 00-0927	EA	24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,643.70	924.95
		For Class 52 Rating, Deduct	*-906.65*	
		For Class 54 Rating, Add	*1,253.16*	
		For Class 55 Rating, Add	*1,871.66*	
		For Class 56 Rating, Add	*2,481.92*	
40 05 19 00-0928	EA	24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,985.36	927.97
		For Class 52 Rating, Deduct	*-943.73*	
		For Class 54 Rating, Add	*1,303.78*	
		For Class 55 Rating, Add	*1,946.94*	
		For Class 56 Rating, Add	*2,581.53*	
40 05 19 00-0929	EA	24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,327.03	930.98
		For Class 52 Rating, Deduct	*-980.81*	
		For Class 54 Rating, Add	*1,354.40*	
		For Class 55 Rating, Add	*2,022.22*	
		For Class 56 Rating, Add	*2,681.14*	
40 05 19 00-0930	EA	24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,668.69	933.99
		For Class 52 Rating, Deduct	*-1,017.89*	
		For Class 54 Rating, Add	*1,405.02*	
		For Class 55 Rating, Add	*2,097.51*	
		For Class 56 Rating, Add	*2,780.74*	
40 05 19 00-0931	EA	24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,010.38	937.00
		For Class 52 Rating, Deduct	*-1,054.97*	
		For Class 54 Rating, Add	*1,455.64*	
		For Class 55 Rating, Add	*2,172.79*	
		For Class 56 Rating, Add	*2,880.36*	
40 05 19 00-0932	EA	24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,352.04	940.02
		For Class 52 Rating, Deduct	*-1,092.05*	
		For Class 54 Rating, Add	*1,506.26*	
		For Class 55 Rating, Add	*2,248.08*	
		For Class 56 Rating, Add	*2,979.97*	
40 05 19 00-0933	EA	24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,693.70	943.03
		For Class 52 Rating, Deduct	*-1,129.14*	
		For Class 54 Rating, Add	*1,556.88*	
		For Class 55 Rating, Add	*2,323.36*	
		For Class 56 Rating, Add	*3,079.57*	
40 05 19 00-0934	EA	24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,035.37	946.04
		For Class 52 Rating, Deduct	*-1,166.22*	
		For Class 54 Rating, Add	*1,607.50*	
		For Class 55 Rating, Add	*2,398.64*	
		For Class 56 Rating, Add	*3,179.18*	
40 05 19 00-0935	EA	24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,377.04	949.05
		For Class 52 Rating, Deduct	*-1,203.30*	
		For Class 54 Rating, Add	*1,658.12*	
		For Class 55 Rating, Add	*2,473.93*	
		For Class 56 Rating, Add	*3,278.80*	
40 05 19 00-0936	EA	24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,718.70	952.07
		For Class 52 Rating, Deduct	*-1,240.38*	
		For Class 54 Rating, Add	*1,708.74*	
		For Class 55 Rating, Add	*2,549.21*	
		For Class 56 Rating, Add	*3,378.40*	
40 05 19 00-0937	EA	24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,060.37	955.08
		For Class 52 Rating, Deduct	*-1,277.46*	
		For Class 54 Rating, Add	*1,759.36*	
		For Class 55 Rating, Add	*2,624.49*	
		For Class 56 Rating, Add	*3,478.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0938	EA	24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,402.03	958.09
		For Class 52 Rating, Deduct	*-1,314.54*	
		For Class 54 Rating, Add	*1,809.98*	
		For Class 55 Rating, Add	*2,699.77*	
		For Class 56 Rating, Add	*3,577.62*	
40 05 19 00-0939	EA	24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,743.71	961.10
		For Class 52 Rating, Deduct	*-1,351.62*	
		For Class 54 Rating, Add	*1,860.60*	
		For Class 55 Rating, Add	*2,775.06*	
		For Class 56 Rating, Add	*3,677.23*	
40 05 19 00-0940	EA	24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,085.38	964.11
		For Class 52 Rating, Deduct	*-1,388.70*	
		For Class 54 Rating, Add	*1,911.22*	
		For Class 55 Rating, Add	*2,850.34*	
		For Class 56 Rating, Add	*3,776.84*	
40 05 19 00-0941	EA	24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,504.65	1,018.35
		For Class 52 Rating, Deduct	*-1,425.79*	
		For Class 54 Rating, Add	*1,962.77*	
		For Class 55 Rating, Add	*2,927.49*	
		For Class 56 Rating, Add	*3,879.25*	
40 05 19 00-0942	EA	24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,846.31	1,021.36
		For Class 52 Rating, Deduct	*-1,462.87*	
		For Class 54 Rating, Add	*2,013.39*	
		For Class 55 Rating, Add	*3,002.77*	
		For Class 56 Rating, Add	*3,978.85*	
40 05 19 00-0943	EA	24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,187.98	1,024.38
		For Class 52 Rating, Deduct	*-1,499.95*	
		For Class 54 Rating, Add	*2,064.01*	
		For Class 55 Rating, Add	*3,078.06*	
		For Class 56 Rating, Add	*4,078.47*	
40 05 19 00-0944	EA	24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,529.65	1,027.39
		For Class 52 Rating, Deduct	*-1,537.03*	
		For Class 54 Rating, Add	*2,114.63*	
		For Class 55 Rating, Add	*3,153.34*	
		For Class 56 Rating, Add	*4,178.07*	
40 05 19 00-0945	EA	24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,871.31	1,030.40
		For Class 52 Rating, Deduct	*-1,574.11*	
		For Class 54 Rating, Add	*2,165.25*	
		For Class 55 Rating, Add	*3,228.62*	
		For Class 56 Rating, Add	*4,277.68*	
40 05 19 00-0946	EA	24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,212.98	1,033.41
		For Class 52 Rating, Deduct	*-1,611.19*	
		For Class 54 Rating, Add	*2,215.87*	
		For Class 55 Rating, Add	*3,303.90*	
		For Class 56 Rating, Add	*4,377.29*	
40 05 19 00-0947	EA	24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,554.66	1,036.42
		For Class 52 Rating, Deduct	*-1,648.27*	
		For Class 54 Rating, Add	*2,266.49*	
		For Class 55 Rating, Add	*3,379.19*	
		For Class 56 Rating, Add	*4,476.90*	
40 05 19 00-0948	EA	24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,896.32	1,039.44
		For Class 52 Rating, Deduct	*-1,685.36*	
		For Class 54 Rating, Add	*2,317.11*	
		For Class 55 Rating, Add	*3,454.47*	
		For Class 56 Rating, Add	*4,576.51*	
40 05 19 00-0949	EA	24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,237.99	1,042.46
		For Class 52 Rating, Deduct	*-1,722.44*	
		For Class 54 Rating, Add	*2,367.73*	
		For Class 55 Rating, Add	*3,529.76*	
		For Class 56 Rating, Add	*4,676.12*	

40 05 19 00-0950 30" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0951	EA	30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,966.87	1,241.30
		For Class 52 Rating, Deduct	*-559.47*	
		For Class 54 Rating, Add	*785.49*	
		For Class 55 Rating, Add	*1,179.34*	
		For Class 56 Rating, Add	*1,568.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0952	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,458.36	1,244.32
		For Class 52 Rating, Deduct	*-613.03*	
		For Class 54 Rating, Add	*858.58*	
		For Class 55 Rating, Add	*1,288.03*	
		For Class 56 Rating, Add	*1,711.92*	
40 05 19 00-0953	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,949.85	1,247.33
		For Class 52 Rating, Deduct	*-666.60*	
		For Class 54 Rating, Add	*931.67*	
		For Class 55 Rating, Add	*1,396.73*	
		For Class 56 Rating, Add	*1,855.72*	
40 05 19 00-0954	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,441.35	1,250.34
		For Class 52 Rating, Deduct	*-720.16*	
		For Class 54 Rating, Add	*1,004.77*	
		For Class 55 Rating, Add	*1,505.42*	
		For Class 56 Rating, Add	*1,999.53*	
40 05 19 00-0955	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,932.83	1,253.35
		For Class 52 Rating, Deduct	*-773.72*	
		For Class 54 Rating, Add	*1,077.86*	
		For Class 55 Rating, Add	*1,614.12*	
		For Class 56 Rating, Add	*2,143.34*	
40 05 19 00-0956	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,424.32	1,256.36
		For Class 52 Rating, Deduct	*-827.28*	
		For Class 54 Rating, Add	*1,150.95*	
		For Class 55 Rating, Add	*1,722.81*	
		For Class 56 Rating, Add	*2,287.15*	
40 05 19 00-0957	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,915.81	1,259.38
		For Class 52 Rating, Deduct	*-880.84*	
		For Class 54 Rating, Add	*1,224.05*	
		For Class 55 Rating, Add	*1,831.50*	
		For Class 56 Rating, Add	*2,430.95*	
40 05 19 00-0958	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,407.31	1,262.39
		For Class 52 Rating, Deduct	*-934.40*	
		For Class 54 Rating, Add	*1,297.14*	
		For Class 55 Rating, Add	*1,940.20*	
		For Class 56 Rating, Add	*2,574.76*	
40 05 19 00-0959	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,898.80	1,265.40
		For Class 52 Rating, Deduct	*-987.97*	
		For Class 54 Rating, Add	*1,370.24*	
		For Class 55 Rating, Add	*2,048.89*	
		For Class 56 Rating, Add	*2,718.57*	
40 05 19 00-0960	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,390.29	1,268.42
		For Class 52 Rating, Deduct	*-1,041.53*	
		For Class 54 Rating, Add	*1,443.33*	
		For Class 55 Rating, Add	*2,157.59*	
		For Class 56 Rating, Add	*2,862.38*	
40 05 19 00-0961	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,881.78	1,271.44
		For Class 52 Rating, Deduct	*-1,095.09*	
		For Class 54 Rating, Add	*1,516.42*	
		For Class 55 Rating, Add	*2,266.28*	
		For Class 56 Rating, Add	*3,006.18*	
40 05 19 00-0962	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,373.27	1,274.45
		For Class 52 Rating, Deduct	*-1,148.65*	
		For Class 54 Rating, Add	*1,589.52*	
		For Class 55 Rating, Add	*2,374.97*	
		For Class 56 Rating, Add	*3,149.99*	
40 05 19 00-0963	EA	30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,864.76	1,277.46
		For Class 52 Rating, Deduct	*-1,202.21*	
		For Class 54 Rating, Add	*1,662.61*	
		For Class 55 Rating, Add	*2,483.67*	
		For Class 56 Rating, Add	*3,293.80*	
40 05 19 00-0964	EA	30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,356.25	1,280.47
		For Class 52 Rating, Deduct	*-1,255.78*	
		For Class 54 Rating, Add	*1,735.70*	
		For Class 55 Rating, Add	*2,592.36*	
		For Class 56 Rating, Add	*3,437.61*	
40 05 19 00-0965	EA	30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,847.74	1,283.48
		For Class 52 Rating, Deduct	*-1,309.34*	
		For Class 54 Rating, Add	*1,808.80*	
		For Class 55 Rating, Add	*2,701.06*	
		For Class 56 Rating, Add	*3,581.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0966	EA	30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,339.24	1,286.50
		For Class 52 Rating, Deduct	*-1,362.90*	
		For Class 54 Rating, Add	*1,881.89*	
		For Class 55 Rating, Add	*2,809.75*	
		For Class 56 Rating, Add	*3,725.22*	
40 05 19 00-0967	EA	30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,830.72	1,289.51
		For Class 52 Rating, Deduct	*-1,416.46*	
		For Class 54 Rating, Add	*1,954.98*	
		For Class 55 Rating, Add	*2,918.44*	
		For Class 56 Rating, Add	*3,869.03*	
40 05 19 00-0968	EA	30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,322.22	1,292.52
		For Class 52 Rating, Deduct	*-1,470.02*	
		For Class 54 Rating, Add	*2,028.08*	
		For Class 55 Rating, Add	*3,027.14*	
		For Class 56 Rating, Add	*4,012.84*	
40 05 19 00-0969	EA	30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,813.71	1,295.53
		For Class 52 Rating, Deduct	*-1,523.59*	
		For Class 54 Rating, Add	*2,101.17*	
		For Class 55 Rating, Add	*3,135.83*	
		For Class 56 Rating, Add	*4,156.65*	
40 05 19 00-0970	EA	30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,305.20	1,298.54
		For Class 52 Rating, Deduct	*-1,577.15*	
		For Class 54 Rating, Add	*2,174.27*	
		For Class 55 Rating, Add	*3,244.53*	
		For Class 56 Rating, Add	*4,300.45*	
40 05 19 00-0971	EA	30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,796.69	1,301.56
		For Class 52 Rating, Deduct	*-1,630.71*	
		For Class 54 Rating, Add	*2,247.36*	
		For Class 55 Rating, Add	*3,353.22*	
		For Class 56 Rating, Add	*4,444.26*	
40 05 19 00-0972	EA	30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,288.17	1,304.57
		For Class 52 Rating, Deduct	*-1,684.27*	
		For Class 54 Rating, Add	*2,320.45*	
		For Class 55 Rating, Add	*3,461.91*	
		For Class 56 Rating, Add	*4,588.07*	
40 05 19 00-0973	EA	30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,779.67	1,307.59
		For Class 52 Rating, Deduct	*-1,737.83*	
		For Class 54 Rating, Add	*2,393.55*	
		For Class 55 Rating, Add	*3,570.61*	
		For Class 56 Rating, Add	*4,731.87*	
40 05 19 00-0974	EA	30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,271.15	1,310.60
		For Class 52 Rating, Deduct	*-1,791.39*	
		For Class 54 Rating, Add	*2,466.64*	
		For Class 55 Rating, Add	*3,679.30*	
		For Class 56 Rating, Add	*4,875.68*	
40 05 19 00-0975	EA	30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,762.65	1,313.61
		For Class 52 Rating, Deduct	*-1,844.96*	
		For Class 54 Rating, Add	*2,539.73*	
		For Class 55 Rating, Add	*3,788.00*	
		For Class 56 Rating, Add	*5,019.49*	
40 05 19 00-0976	EA	30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,254.15	1,316.63
		For Class 52 Rating, Deduct	*-1,898.52*	
		For Class 54 Rating, Add	*2,612.83*	
		For Class 55 Rating, Add	*3,896.69*	
		For Class 56 Rating, Add	*5,163.30*	
40 05 19 00-0977	EA	30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,745.63	1,319.64
		For Class 52 Rating, Deduct	*-1,952.08*	
		For Class 54 Rating, Add	*2,685.92*	
		For Class 55 Rating, Add	*4,005.38*	
		For Class 56 Rating, Add	*5,307.10*	
40 05 19 00-0978	EA	30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,237.13	1,322.65
		For Class 52 Rating, Deduct	*-2,005.64*	
		For Class 54 Rating, Add	*2,759.01*	
		For Class 55 Rating, Add	*4,114.08*	
		For Class 56 Rating, Add	*5,450.91*	
40 05 19 00-0979	EA	30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,728.61	1,325.66
		For Class 52 Rating, Deduct	*-2,059.20*	
		For Class 54 Rating, Add	*2,832.11*	
		For Class 55 Rating, Add	*4,222.77*	
		For Class 56 Rating, Add	*5,594.72*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0980	EA	30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,220.10	1,328.67
		For Class 52 Rating, Deduct	*-2,112.77*	
		For Class 54 Rating, Add	*2,905.20*	
		For Class 55 Rating, Add	*4,331.47*	
		For Class 56 Rating, Add	*5,738.53*	
40 05 19 00-0981	EA	30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,711.60	1,331.69
		For Class 52 Rating, Deduct	*-2,166.33*	
		For Class 54 Rating, Add	*2,978.30*	
		For Class 55 Rating, Add	*4,440.16*	
		For Class 56 Rating, Add	*5,882.34*	
40 05 19 00-0982	EA	30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,203.08	1,334.70
		For Class 52 Rating, Deduct	*-2,219.89*	
		For Class 54 Rating, Add	*3,051.39*	
		For Class 55 Rating, Add	*4,548.86*	
		For Class 56 Rating, Add	*6,026.14*	
40 05 19 00-0983	EA	30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,694.58	1,337.71
		For Class 52 Rating, Deduct	*-2,273.45*	
		For Class 54 Rating, Add	*3,124.48*	
		For Class 55 Rating, Add	*4,657.55*	
		For Class 56 Rating, Add	*6,169.95*	
40 05 19 00-0984	EA	30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,186.07	1,340.72
		For Class 52 Rating, Deduct	*-2,327.01*	
		For Class 54 Rating, Add	*3,197.58*	
		For Class 55 Rating, Add	*4,766.24*	
		For Class 56 Rating, Add	*6,313.76*	
40 05 19 00-0985	EA	30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,677.56	1,343.74
		For Class 52 Rating, Deduct	*-2,380.57*	
		For Class 54 Rating, Add	*3,270.67*	
		For Class 55 Rating, Add	*4,874.94*	
		For Class 56 Rating, Add	*6,457.56*	
40 05 19 00-0986	EA	30" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,169.06	1,346.76
		For Class 52 Rating, Deduct	*-2,434.14*	
		For Class 54 Rating, Add	*3,343.76*	
		For Class 55 Rating, Add	*4,983.63*	
		For Class 56 Rating, Add	*6,601.37*	
40 05 19 00-0987	EA	30" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,660.54	1,349.77
		For Class 52 Rating, Deduct	*-2,487.70*	
		For Class 54 Rating, Add	*3,416.86*	
		For Class 55 Rating, Add	*5,092.33*	
		For Class 56 Rating, Add	*6,745.18*	
40 05 19 00-0988	EA	30" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,152.03	1,352.78
		For Class 52 Rating, Deduct	*-2,541.26*	
		For Class 54 Rating, Add	*3,489.95*	
		For Class 55 Rating, Add	*5,201.02*	
		For Class 56 Rating, Add	*6,888.99*	

40 05 19 00-0989 36" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0990	EA	36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,552.75	1,572.72
		For Class 52 Rating, Deduct	*-788.68*	
		For Class 54 Rating, Add	*1,104.07*	
		For Class 55 Rating, Add	*1,656.06*	
		For Class 56 Rating, Add	*2,200.89*	
40 05 19 00-0991	EA	36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,219.68	1,575.73
		For Class 52 Rating, Deduct	*-861.54*	
		For Class 54 Rating, Add	*1,203.48*	
		For Class 55 Rating, Add	*1,803.88*	
		For Class 56 Rating, Add	*2,396.45*	
40 05 19 00-0992	EA	36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,886.62	1,578.75
		For Class 52 Rating, Deduct	*-934.40*	
		For Class 54 Rating, Add	*1,302.89*	
		For Class 55 Rating, Add	*1,951.70*	
		For Class 56 Rating, Add	*2,592.02*	
40 05 19 00-0993	EA	36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,553.57	1,581.76
		For Class 52 Rating, Deduct	*-1,007.27*	
		For Class 54 Rating, Add	*1,402.30*	
		For Class 55 Rating, Add	*2,099.52*	
		For Class 56 Rating, Add	*2,787.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0994	EA	36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,220.50	1,584.77
		For Class 52 Rating, Deduct	*-1,080.13*	
		For Class 54 Rating, Add	*1,501.71*	
		For Class 55 Rating, Add	*2,247.34*	
		For Class 56 Rating, Add	*2,983.15*	
40 05 19 00-0995	EA	36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,887.46	1,587.78
		For Class 52 Rating, Deduct	*-1,152.99*	
		For Class 54 Rating, Add	*1,601.13*	
		For Class 55 Rating, Add	*2,395.16*	
		For Class 56 Rating, Add	*3,178.71*	
40 05 19 00-0996	EA	36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,554.40	1,590.80
		For Class 52 Rating, Deduct	*-1,225.85*	
		For Class 54 Rating, Add	*1,700.54*	
		For Class 55 Rating, Add	*2,542.98*	
		For Class 56 Rating, Add	*3,374.28*	
40 05 19 00-0997	EA	36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,221.34	1,593.81
		For Class 52 Rating, Deduct	*-1,298.71*	
		For Class 54 Rating, Add	*1,799.95*	
		For Class 55 Rating, Add	*2,690.80*	
		For Class 56 Rating, Add	*3,569.85*	
40 05 19 00-0998	EA	36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,888.28	1,596.82
		For Class 52 Rating, Deduct	*-1,371.57*	
		For Class 54 Rating, Add	*1,899.36*	
		For Class 55 Rating, Add	*2,838.62*	
		For Class 56 Rating, Add	*3,765.41*	
40 05 19 00-0999	EA	36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,555.22	1,599.83
		For Class 52 Rating, Deduct	*-1,444.44*	
		For Class 54 Rating, Add	*1,998.77*	
		For Class 55 Rating, Add	*2,986.44*	
		For Class 56 Rating, Add	*3,960.98*	
40 05 19 00-1000	EA	36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,222.16	1,602.84
		For Class 52 Rating, Deduct	*-1,517.30*	
		For Class 54 Rating, Add	*2,098.18*	
		For Class 55 Rating, Add	*3,134.26*	
		For Class 56 Rating, Add	*4,156.54*	
40 05 19 00-1001	EA	36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,889.10	1,605.86
		For Class 52 Rating, Deduct	*-1,590.16*	
		For Class 54 Rating, Add	*2,197.59*	
		For Class 55 Rating, Add	*3,282.08*	
		For Class 56 Rating, Add	*4,352.11*	
40 05 19 00-1002	EA	36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,556.04	1,608.88
		For Class 52 Rating, Deduct	*-1,663.02*	
		For Class 54 Rating, Add	*2,297.01*	
		For Class 55 Rating, Add	*3,429.90*	
		For Class 56 Rating, Add	*4,547.67*	
40 05 19 00-1003	EA	36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,223.00	1,611.89
		For Class 52 Rating, Deduct	*-1,735.88*	
		For Class 54 Rating, Add	*2,396.42*	
		For Class 55 Rating, Add	*3,577.72*	
		For Class 56 Rating, Add	*4,743.24*	
40 05 19 00-1004	EA	36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,889.93	1,614.90
		For Class 52 Rating, Deduct	*-1,808.74*	
		For Class 54 Rating, Add	*2,495.83*	
		For Class 55 Rating, Add	*3,725.54*	
		For Class 56 Rating, Add	*4,938.80*	
40 05 19 00-1005	EA	36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,556.87	1,617.91
		For Class 52 Rating, Deduct	*-1,881.60*	
		For Class 54 Rating, Add	*2,595.24*	
		For Class 55 Rating, Add	*3,873.36*	
		For Class 56 Rating, Add	*5,134.37*	
40 05 19 00-1006	EA	36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,223.82	1,620.93
		For Class 52 Rating, Deduct	*-1,954.47*	
		For Class 54 Rating, Add	*2,694.65*	
		For Class 55 Rating, Add	*4,021.18*	
		For Class 56 Rating, Add	*5,329.94*	
40 05 19 00-1007	EA	36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,890.75	1,623.94
		For Class 52 Rating, Deduct	*-2,027.33*	
		For Class 54 Rating, Add	*2,794.06*	
		For Class 55 Rating, Add	*4,169.00*	
		For Class 56 Rating, Add	*5,525.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1008	EA	36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,557.69	1,626.95
		For Class 52 Rating, Deduct	*-2,100.19*	
		For Class 54 Rating, Add	*2,893.47*	
		For Class 55 Rating, Add	*4,316.82*	
		For Class 56 Rating, Add	*5,721.07*	
40 05 19 00-1009	EA	36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,224.64	1,629.96
		For Class 52 Rating, Deduct	*-2,173.05*	
		For Class 54 Rating, Add	*2,992.89*	
		For Class 55 Rating, Add	*4,464.64*	
		For Class 56 Rating, Add	*5,916.63*	
40 05 19 00-1010	EA	36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,891.58	1,632.97
		For Class 52 Rating, Deduct	*-2,245.91*	
		For Class 54 Rating, Add	*3,092.30*	
		For Class 55 Rating, Add	*4,612.46*	
		For Class 56 Rating, Add	*6,112.20*	
40 05 19 00-1011	EA	36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,558.53	1,635.99
		For Class 52 Rating, Deduct	*-2,318.77*	
		For Class 54 Rating, Add	*3,191.71*	
		For Class 55 Rating, Add	*4,760.27*	
		For Class 56 Rating, Add	*6,307.76*	
40 05 19 00-1012	EA	36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,225.47	1,639.00
		For Class 52 Rating, Deduct	*-2,391.63*	
		For Class 54 Rating, Add	*3,291.12*	
		For Class 55 Rating, Add	*4,908.10*	
		For Class 56 Rating, Add	*6,503.33*	
40 05 19 00-1013	EA	36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,892.41	1,642.01
		For Class 52 Rating, Deduct	*-2,464.50*	
		For Class 54 Rating, Add	*3,390.53*	
		For Class 55 Rating, Add	*5,055.92*	
		For Class 56 Rating, Add	*6,698.89*	
40 05 19 00-1014	EA	36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,559.35	1,645.02
		For Class 52 Rating, Deduct	*-2,537.36*	
		For Class 54 Rating, Add	*3,489.94*	
		For Class 55 Rating, Add	*5,203.73*	
		For Class 56 Rating, Add	*6,894.46*	
40 05 19 00-1015	EA	36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,226.29	1,648.04
		For Class 52 Rating, Deduct	*-2,610.22*	
		For Class 54 Rating, Add	*3,589.35*	
		For Class 55 Rating, Add	*5,351.55*	
		For Class 56 Rating, Add	*7,090.02*	
40 05 19 00-1016	EA	36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,893.23	1,651.06
		For Class 52 Rating, Deduct	*-2,683.08*	
		For Class 54 Rating, Add	*3,688.77*	
		For Class 55 Rating, Add	*5,499.37*	
		For Class 56 Rating, Add	*7,285.59*	
40 05 19 00-1017	EA	36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,560.17	1,654.07
		For Class 52 Rating, Deduct	*-2,755.94*	
		For Class 54 Rating, Add	*3,788.18*	
		For Class 55 Rating, Add	*5,647.19*	
		For Class 56 Rating, Add	*7,481.15*	
40 05 19 00-1018	EA	36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,227.11	1,657.08
		For Class 52 Rating, Deduct	*-2,828.80*	
		For Class 54 Rating, Add	*3,887.59*	
		For Class 55 Rating, Add	*5,795.01*	
		For Class 56 Rating, Add	*7,676.72*	
40 05 19 00-1019	EA	36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,894.06	1,660.09
		For Class 52 Rating, Deduct	*-2,901.66*	
		For Class 54 Rating, Add	*3,987.00*	
		For Class 55 Rating, Add	*5,942.83*	
		For Class 56 Rating, Add	*7,872.29*	
40 05 19 00-1020	EA	36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,561.01	1,663.10
		For Class 52 Rating, Deduct	*-2,974.53*	
		For Class 54 Rating, Add	*4,086.41*	
		For Class 55 Rating, Add	*6,090.65*	
		For Class 56 Rating, Add	*8,067.85*	
40 05 19 00-1021	EA	36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,227.94	1,666.12
		For Class 52 Rating, Deduct	*-3,047.39*	
		For Class 54 Rating, Add	*4,185.82*	
		For Class 55 Rating, Add	*6,238.47*	
		For Class 56 Rating, Add	*8,263.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1022	EA	36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,894.89	1,669.13
		For Class 52 Rating, Deduct	*-3,120.25*	
		For Class 54 Rating, Add	*4,285.23*	
		For Class 55 Rating, Add	*6,386.29*	
		For Class 56 Rating, Add	*8,458.98*	
40 05 19 00-1023	EA	36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,561.83	1,672.14
		For Class 52 Rating, Deduct	*-3,193.11*	
		For Class 54 Rating, Add	*4,384.64*	
		For Class 55 Rating, Add	*6,534.11*	
		For Class 56 Rating, Add	*8,654.55*	
40 05 19 00-1024	EA	36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,228.76	1,675.15
		For Class 52 Rating, Deduct	*-3,265.97*	
		For Class 54 Rating, Add	*4,484.05*	
		For Class 55 Rating, Add	*6,681.93*	
		For Class 56 Rating, Add	*8,850.11*	
40 05 19 00-1025	EA	36" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,895.71	1,678.17
		For Class 52 Rating, Deduct	*-3,338.83*	
		For Class 54 Rating, Add	*4,583.47*	
		For Class 55 Rating, Add	*6,829.75*	
		For Class 56 Rating, Add	*9,045.68*	
40 05 19 00-1026	EA	36" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,562.65	1,681.18
		For Class 52 Rating, Deduct	*-3,411.70*	
		For Class 54 Rating, Add	*4,682.88*	
		For Class 55 Rating, Add	*6,977.57*	
		For Class 56 Rating, Add	*9,241.25*	
40 05 19 00-1027	EA	36" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,229.59	1,684.20
		For Class 52 Rating, Deduct	*-3,484.56*	
		For Class 54 Rating, Add	*4,782.29*	
		For Class 55 Rating, Add	*7,125.39*	
		For Class 56 Rating, Add	*9,436.81*	

40 05 19 00-1028 Flanged End x Plain End (FxPE), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-1029 4" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1030	EA	4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	509.10	147.35
		For Class 52 Rating, Deduct	*-31.44*	
		For Class 54 Rating, Add	*45.56*	
		For Class 55 Rating, Add	*69.10*	
		For Class 56 Rating, Add	*92.36*	
40 05 19 00-1031	EA	4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	564.25	149.92
		For Class 52 Rating, Deduct	*-37.08*	
		For Class 54 Rating, Add	*53.29*	
		For Class 55 Rating, Add	*80.62*	
		For Class 56 Rating, Add	*107.62*	
40 05 19 00-1032	EA	4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	619.42	152.50
		For Class 52 Rating, Deduct	*-42.72*	
		For Class 54 Rating, Add	*61.03*	
		For Class 55 Rating, Add	*92.15*	
		For Class 56 Rating, Add	*122.88*	
40 05 19 00-1033	EA	4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	674.57	155.08
		For Class 52 Rating, Deduct	*-48.36*	
		For Class 54 Rating, Add	*68.76*	
		For Class 55 Rating, Add	*103.67*	
		For Class 56 Rating, Add	*138.14*	
40 05 19 00-1034	EA	4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	729.74	157.65
		For Class 52 Rating, Deduct	*-54.00*	
		For Class 54 Rating, Add	*76.50*	
		For Class 55 Rating, Add	*115.20*	
		For Class 56 Rating, Add	*153.41*	
40 05 19 00-1035	EA	4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	784.88	160.23
		For Class 52 Rating, Deduct	*-59.63*	
		For Class 54 Rating, Add	*84.23*	
		For Class 55 Rating, Add	*126.72*	
		For Class 56 Rating, Add	*168.66*	
40 05 19 00-1036	EA	4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	840.04	162.81
		For Class 52 Rating, Deduct	*-65.27*	
		For Class 54 Rating, Add	*91.97*	
		For Class 55 Rating, Add	*138.24*	
		For Class 56 Rating, Add	*183.93*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1037	EA	4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	895.20	165.38
		For Class 52 Rating, Deduct	*-70.91*	
		For Class 54 Rating, Add	*99.70*	
		For Class 55 Rating, Add	*149.77*	
		For Class 56 Rating, Add	*199.19*	
40 05 19 00-1038	EA	4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	950.36	167.96
		For Class 52 Rating, Deduct	*-76.55*	
		For Class 54 Rating, Add	*107.44*	
		For Class 55 Rating, Add	*161.29*	
		For Class 56 Rating, Add	*214.45*	
40 05 19 00-1039	EA	4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,005.53	170.53
		For Class 52 Rating, Deduct	*-82.19*	
		For Class 54 Rating, Add	*115.17*	
		For Class 55 Rating, Add	*172.82*	
		For Class 56 Rating, Add	*229.71*	
40 05 19 00-1040	EA	4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,060.68	173.11
		For Class 52 Rating, Deduct	*-87.82*	
		For Class 54 Rating, Add	*122.91*	
		For Class 55 Rating, Add	*184.34*	
		For Class 56 Rating, Add	*244.97*	
40 05 19 00-1041	EA	4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,115.85	175.68
		For Class 52 Rating, Deduct	*-93.46*	
		For Class 54 Rating, Add	*130.64*	
		For Class 55 Rating, Add	*195.86*	
		For Class 56 Rating, Add	*260.23*	
40 05 19 00-1042	EA	4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,170.99	178.26
		For Class 52 Rating, Deduct	*-99.10*	
		For Class 54 Rating, Add	*138.38*	
		For Class 55 Rating, Add	*207.38*	
		For Class 56 Rating, Add	*275.49*	
40 05 19 00-1043	EA	4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,226.16	180.85
		For Class 52 Rating, Deduct	*-104.74*	
		For Class 54 Rating, Add	*146.11*	
		For Class 55 Rating, Add	*218.91*	
		For Class 56 Rating, Add	*290.75*	
40 05 19 00-1044	EA	4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,281.31	183.41
		For Class 52 Rating, Deduct	*-110.38*	
		For Class 54 Rating, Add	*153.85*	
		For Class 55 Rating, Add	*230.43*	
		For Class 56 Rating, Add	*306.01*	
40 05 19 00-1045	EA	4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,336.48	185.99
		For Class 52 Rating, Deduct	*-116.01*	
		For Class 54 Rating, Add	*161.58*	
		For Class 55 Rating, Add	*241.96*	
		For Class 56 Rating, Add	*321.28*	
40 05 19 00-1046	EA	4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,391.63	188.56
		For Class 52 Rating, Deduct	*-121.65*	
		For Class 54 Rating, Add	*169.32*	
		For Class 55 Rating, Add	*253.48*	
		For Class 56 Rating, Add	*336.53*	
40 05 19 00-1047	EA	4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,446.79	191.14
		For Class 52 Rating, Deduct	*-127.29*	
		For Class 54 Rating, Add	*177.05*	
		For Class 55 Rating, Add	*265.00*	
		For Class 56 Rating, Add	*351.80*	
40 05 19 00-1048	EA	4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,501.95	193.72
		For Class 52 Rating, Deduct	*-132.93*	
		For Class 54 Rating, Add	*184.79*	
		For Class 55 Rating, Add	*276.53*	
		For Class 56 Rating, Add	*367.06*	
40 05 19 00-1049	EA	4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,557.10	196.29
		For Class 52 Rating, Deduct	*-138.57*	
		For Class 54 Rating, Add	*192.52*	
		For Class 55 Rating, Add	*288.05*	
		For Class 56 Rating, Add	*382.32*	
40 05 19 00-1050	EA	4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,612.26	198.88
		For Class 52 Rating, Deduct	*-144.20*	
		For Class 54 Rating, Add	*200.26*	
		For Class 55 Rating, Add	*299.57*	
		For Class 56 Rating, Add	*397.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1051	EA	4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,667.42	201.44
		For Class 52 Rating, Deduct	*-149.84*	
		For Class 54 Rating, Add	*207.99*	
		For Class 55 Rating, Add	*311.10*	
		For Class 56 Rating, Add	*412.84*	
40 05 19 00-1052	EA	4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,722.59	204.02
		For Class 52 Rating, Deduct	*-155.48*	
		For Class 54 Rating, Add	*215.73*	
		For Class 55 Rating, Add	*322.62*	
		For Class 56 Rating, Add	*428.10*	
40 05 19 00-1053	EA	4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,777.74	206.60
		For Class 52 Rating, Deduct	*-161.12*	
		For Class 54 Rating, Add	*223.46*	
		For Class 55 Rating, Add	*334.15*	
		For Class 56 Rating, Add	*443.36*	
40 05 19 00-1054	EA	4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,832.91	209.17
		For Class 52 Rating, Deduct	*-166.76*	
		For Class 54 Rating, Add	*231.20*	
		For Class 55 Rating, Add	*345.67*	
		For Class 56 Rating, Add	*458.62*	
40 05 19 00-1055	EA	4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,888.05	211.75
		For Class 52 Rating, Deduct	*-172.40*	
		For Class 54 Rating, Add	*238.93*	
		For Class 55 Rating, Add	*357.19*	
		For Class 56 Rating, Add	*473.88*	
40 05 19 00-1056	EA	4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,943.21	214.32
		For Class 52 Rating, Deduct	*-178.03*	
		For Class 54 Rating, Add	*246.67*	
		For Class 55 Rating, Add	*368.72*	
		For Class 56 Rating, Add	*489.14*	
40 05 19 00-1057	EA	4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,998.37	216.90
		For Class 52 Rating, Deduct	*-183.67*	
		For Class 54 Rating, Add	*254.40*	
		For Class 55 Rating, Add	*380.24*	
		For Class 56 Rating, Add	*504.40*	
40 05 19 00-1058	EA	4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,053.53	219.47
		For Class 52 Rating, Deduct	*-189.31*	
		For Class 54 Rating, Add	*262.14*	
		For Class 55 Rating, Add	*391.76*	
		For Class 56 Rating, Add	*519.67*	
40 05 19 00-1059	EA	4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,108.69	222.05
		For Class 52 Rating, Deduct	*-194.95*	
		For Class 54 Rating, Add	*269.87*	
		For Class 55 Rating, Add	*403.29*	
		For Class 56 Rating, Add	*534.93*	
40 05 19 00-1060	EA	4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,163.85	224.63
		For Class 52 Rating, Deduct	*-200.59*	
		For Class 54 Rating, Add	*277.61*	
		For Class 55 Rating, Add	*414.81*	
		For Class 56 Rating, Add	*550.19*	
40 05 19 00-1061	EA	4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,219.01	227.21
		For Class 52 Rating, Deduct	*-206.22*	
		For Class 54 Rating, Add	*285.35*	
		For Class 55 Rating, Add	*426.33*	
		For Class 56 Rating, Add	*565.45*	
40 05 19 00-1062	EA	4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,274.16	229.78
		For Class 52 Rating, Deduct	*-211.86*	
		For Class 54 Rating, Add	*293.08*	
		For Class 55 Rating, Add	*437.86*	
		For Class 56 Rating, Add	*580.71*	
40 05 19 00-1063	EA	4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,329.32	232.35
		For Class 52 Rating, Deduct	*-217.50*	
		For Class 54 Rating, Add	*300.82*	
		For Class 55 Rating, Add	*449.38*	
		For Class 56 Rating, Add	*595.97*	
40 05 19 00-1064	EA	4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,384.48	234.93
		For Class 52 Rating, Deduct	*-223.14*	
		For Class 54 Rating, Add	*308.55*	
		For Class 55 Rating, Add	*460.90*	
		For Class 56 Rating, Add	*611.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1065	EA	4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,439.64	237.51
		For Class 52 Rating, Deduct	*-228.78*	
		For Class 54 Rating, Add	*316.29*	
		For Class 55 Rating, Add	*472.43*	
		For Class 56 Rating, Add	*626.49*	
40 05 19 00-1066	EA	4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,494.80	240.08
		For Class 52 Rating, Deduct	*-234.41*	
		For Class 54 Rating, Add	*324.02*	
		For Class 55 Rating, Add	*483.95*	
		For Class 56 Rating, Add	*641.75*	
40 05 19 00-1067	EA	4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,549.96	242.66
		For Class 52 Rating, Deduct	*-240.05*	
		For Class 54 Rating, Add	*331.76*	
		For Class 55 Rating, Add	*495.48*	
		For Class 56 Rating, Add	*657.01*	
40 05 19 00-1068	EA	4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,605.12	245.24
		For Class 52 Rating, Deduct	*-245.69*	
		For Class 54 Rating, Add	*339.49*	
		For Class 55 Rating, Add	*507.00*	
		For Class 56 Rating, Add	*672.27*	

40 05 19 00-1069 6" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1070	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	637.83	185.47
		For Class 52 Rating, Deduct	*-39.25*	
		For Class 54 Rating, Add	*56.90*	
		For Class 55 Rating, Add	*86.32*	
		For Class 56 Rating, Add	*115.38*	
40 05 19 00-1071	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	704.82	188.06
		For Class 52 Rating, Deduct	*-46.19*	
		For Class 54 Rating, Add	*66.40*	
		For Class 55 Rating, Add	*100.48*	
		For Class 56 Rating, Add	*134.13*	
40 05 19 00-1072	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	771.80	190.62
		For Class 52 Rating, Deduct	*-53.13*	
		For Class 54 Rating, Add	*75.91*	
		For Class 55 Rating, Add	*114.64*	
		For Class 56 Rating, Add	*152.88*	
40 05 19 00-1073	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	838.80	193.20
		For Class 52 Rating, Deduct	*-60.07*	
		For Class 54 Rating, Add	*85.42*	
		For Class 55 Rating, Add	*128.80*	
		For Class 56 Rating, Add	*171.63*	
40 05 19 00-1074	EA	6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	905.78	195.78
		For Class 52 Rating, Deduct	*-67.01*	
		For Class 54 Rating, Add	*94.93*	
		For Class 55 Rating, Add	*142.96*	
		For Class 56 Rating, Add	*190.38*	
40 05 19 00-1075	EA	6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	972.77	198.35
		For Class 52 Rating, Deduct	*-73.95*	
		For Class 54 Rating, Add	*104.44*	
		For Class 55 Rating, Add	*157.12*	
		For Class 56 Rating, Add	*209.13*	
40 05 19 00-1076	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,039.76	200.93
		For Class 52 Rating, Deduct	*-80.89*	
		For Class 54 Rating, Add	*113.95*	
		For Class 55 Rating, Add	*171.28*	
		For Class 56 Rating, Add	*227.88*	
40 05 19 00-1077	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,106.74	203.50
		For Class 52 Rating, Deduct	*-87.82*	
		For Class 54 Rating, Add	*123.46*	
		For Class 55 Rating, Add	*185.44*	
		For Class 56 Rating, Add	*246.63*	
40 05 19 00-1078	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,173.72	206.09
		For Class 52 Rating, Deduct	*-94.76*	
		For Class 54 Rating, Add	*132.97*	
		For Class 55 Rating, Add	*199.60*	
		For Class 56 Rating, Add	*265.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1079	EA	6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,240.71	208.65
		For Class 52 Rating, Deduct	*-101.70*	
		For Class 54 Rating, Add	*142.48*	
		For Class 55 Rating, Add	*213.77*	
		For Class 56 Rating, Add	*284.13*	
40 05 19 00-1080	EA	6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,307.70	211.23
		For Class 52 Rating, Deduct	*-108.64*	
		For Class 54 Rating, Add	*151.99*	
		For Class 55 Rating, Add	*227.93*	
		For Class 56 Rating, Add	*302.88*	
40 05 19 00-1081	EA	6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,374.68	213.82
		For Class 52 Rating, Deduct	*-115.58*	
		For Class 54 Rating, Add	*161.50*	
		For Class 55 Rating, Add	*242.09*	
		For Class 56 Rating, Add	*321.63*	
40 05 19 00-1082	EA	6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,441.68	216.38
		For Class 52 Rating, Deduct	*-122.52*	
		For Class 54 Rating, Add	*171.01*	
		For Class 55 Rating, Add	*256.25*	
		For Class 56 Rating, Add	*340.38*	
40 05 19 00-1083	EA	6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,508.66	218.96
		For Class 52 Rating, Deduct	*-129.46*	
		For Class 54 Rating, Add	*180.52*	
		For Class 55 Rating, Add	*270.41*	
		For Class 56 Rating, Add	*359.13*	
40 05 19 00-1084	EA	6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,575.65	221.53
		For Class 52 Rating, Deduct	*-136.40*	
		For Class 54 Rating, Add	*190.03*	
		For Class 55 Rating, Add	*284.57*	
		For Class 56 Rating, Add	*377.88*	
40 05 19 00-1085	EA	6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,642.63	224.12
		For Class 52 Rating, Deduct	*-143.34*	
		For Class 54 Rating, Add	*199.54*	
		For Class 55 Rating, Add	*298.73*	
		For Class 56 Rating, Add	*396.63*	
40 05 19 00-1086	EA	6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,709.62	226.69
		For Class 52 Rating, Deduct	*-150.28*	
		For Class 54 Rating, Add	*209.04*	
		For Class 55 Rating, Add	*312.89*	
		For Class 56 Rating, Add	*415.38*	
40 05 19 00-1087	EA	6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,776.61	229.26
		For Class 52 Rating, Deduct	*-157.22*	
		For Class 54 Rating, Add	*218.55*	
		For Class 55 Rating, Add	*327.06*	
		For Class 56 Rating, Add	*434.13*	
40 05 19 00-1088	EA	6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,843.60	231.85
		For Class 52 Rating, Deduct	*-164.16*	
		For Class 54 Rating, Add	*228.06*	
		For Class 55 Rating, Add	*341.22*	
		For Class 56 Rating, Add	*452.88*	
40 05 19 00-1089	EA	6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,910.58	234.42
		For Class 52 Rating, Deduct	*-171.09*	
		For Class 54 Rating, Add	*237.57*	
		For Class 55 Rating, Add	*355.38*	
		For Class 56 Rating, Add	*471.63*	
40 05 19 00-1090	EA	6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,977.56	236.99
		For Class 52 Rating, Deduct	*-178.03*	
		For Class 54 Rating, Add	*247.08*	
		For Class 55 Rating, Add	*369.54*	
		For Class 56 Rating, Add	*490.38*	
40 05 19 00-1091	EA	6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,044.55	239.57
		For Class 52 Rating, Deduct	*-184.97*	
		For Class 54 Rating, Add	*256.59*	
		For Class 55 Rating, Add	*383.70*	
		For Class 56 Rating, Add	*509.13*	
40 05 19 00-1092	EA	6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,111.53	242.15
		For Class 52 Rating, Deduct	*-191.91*	
		For Class 54 Rating, Add	*266.10*	
		For Class 55 Rating, Add	*397.86*	
		For Class 56 Rating, Add	*527.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1093	EA	6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,178.53	244.72
		For Class 52 Rating, Deduct	*-198.85*	
		For Class 54 Rating, Add	*275.61*	
		For Class 55 Rating, Add	*412.02*	
		For Class 56 Rating, Add	*546.63*	
40 05 19 00-1094	EA	6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,245.51	247.29
		For Class 52 Rating, Deduct	*-205.79*	
		For Class 54 Rating, Add	*285.12*	
		For Class 55 Rating, Add	*426.19*	
		For Class 56 Rating, Add	*565.38*	
40 05 19 00-1095	EA	6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,312.50	249.87
		For Class 52 Rating, Deduct	*-212.73*	
		For Class 54 Rating, Add	*294.63*	
		For Class 55 Rating, Add	*440.35*	
		For Class 56 Rating, Add	*584.13*	
40 05 19 00-1096	EA	6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,379.49	252.46
		For Class 52 Rating, Deduct	*-219.67*	
		For Class 54 Rating, Add	*304.14*	
		For Class 55 Rating, Add	*454.51*	
		For Class 56 Rating, Add	*602.88*	
40 05 19 00-1097	EA	6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,446.47	255.02
		For Class 52 Rating, Deduct	*-226.61*	
		For Class 54 Rating, Add	*313.65*	
		For Class 55 Rating, Add	*468.67*	
		For Class 56 Rating, Add	*621.63*	
40 05 19 00-1098	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,513.45	257.60
		For Class 52 Rating, Deduct	*-233.55*	
		For Class 54 Rating, Add	*323.16*	
		For Class 55 Rating, Add	*482.83*	
		For Class 56 Rating, Add	*640.38*	
40 05 19 00-1099	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,580.44	260.18
		For Class 52 Rating, Deduct	*-240.49*	
		For Class 54 Rating, Add	*332.67*	
		For Class 55 Rating, Add	*496.99*	
		For Class 56 Rating, Add	*659.13*	
40 05 19 00-1100	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,647.43	262.75
		For Class 52 Rating, Deduct	*-247.43*	
		For Class 54 Rating, Add	*342.18*	
		For Class 55 Rating, Add	*511.15*	
		For Class 56 Rating, Add	*677.88*	
40 05 19 00-1101	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,714.42	265.33
		For Class 52 Rating, Deduct	*-254.37*	
		For Class 54 Rating, Add	*351.69*	
		For Class 55 Rating, Add	*525.32*	
		For Class 56 Rating, Add	*696.63*	
40 05 19 00-1102	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,781.41	267.90
		For Class 52 Rating, Deduct	*-261.30*	
		For Class 54 Rating, Add	*361.19*	
		For Class 55 Rating, Add	*539.48*	
		For Class 56 Rating, Add	*715.38*	
40 05 19 00-1103	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,848.39	270.49
		For Class 52 Rating, Deduct	*-268.24*	
		For Class 54 Rating, Add	*370.70*	
		For Class 55 Rating, Add	*553.64*	
		For Class 56 Rating, Add	*734.13*	
40 05 19 00-1104	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,915.38	273.05
		For Class 52 Rating, Deduct	*-275.18*	
		For Class 54 Rating, Add	*380.21*	
		For Class 55 Rating, Add	*567.80*	
		For Class 56 Rating, Add	*752.88*	
40 05 19 00-1105	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,982.36	275.63
		For Class 52 Rating, Deduct	*-282.12*	
		For Class 54 Rating, Add	*389.72*	
		For Class 55 Rating, Add	*581.96*	
		For Class 56 Rating, Add	*771.63*	
40 05 19 00-1106	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,049.35	278.22
		For Class 52 Rating, Deduct	*-289.06*	
		For Class 54 Rating, Add	*399.23*	
		For Class 55 Rating, Add	*596.12*	
		For Class 56 Rating, Add	*790.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1107	EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,116.34	280.78
		For Class 52 Rating, Deduct	*-296.00*	
		For Class 54 Rating, Add	*408.74*	
		For Class 55 Rating, Add	*610.28*	
		For Class 56 Rating, Add	*809.13*	
40 05 19 00-1108	EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,183.33	283.36
		For Class 52 Rating, Deduct	*-302.94*	
		For Class 54 Rating, Add	*418.25*	
		For Class 55 Rating, Add	*624.44*	
		For Class 56 Rating, Add	*827.88*	

40 05 19 00-1109 8" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1110	EA	8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	877.54	236.99
		For Class 52 Rating, Deduct	*-57.03*	
		For Class 54 Rating, Add	*82.08*	
		For Class 55 Rating, Add	*124.24*	
		For Class 56 Rating, Add	*165.88*	
40 05 19 00-1111	EA	8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	968.19	239.57
		For Class 52 Rating, Deduct	*-66.57*	
		For Class 54 Rating, Add	*95.14*	
		For Class 55 Rating, Add	*143.67*	
		For Class 56 Rating, Add	*191.60*	
40 05 19 00-1112	EA	8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,058.83	242.15
		For Class 52 Rating, Deduct	*-76.11*	
		For Class 54 Rating, Add	*108.20*	
		For Class 55 Rating, Add	*163.11*	
		For Class 56 Rating, Add	*217.33*	
40 05 19 00-1113	EA	8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,149.48	244.72
		For Class 52 Rating, Deduct	*-85.66*	
		For Class 54 Rating, Add	*121.25*	
		For Class 55 Rating, Add	*182.55*	
		For Class 56 Rating, Add	*243.06*	
40 05 19 00-1114	EA	8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,240.12	247.29
		For Class 52 Rating, Deduct	*-95.20*	
		For Class 54 Rating, Add	*134.31*	
		For Class 55 Rating, Add	*201.98*	
		For Class 56 Rating, Add	*268.79*	
40 05 19 00-1115	EA	8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,330.77	249.87
		For Class 52 Rating, Deduct	*-104.74*	
		For Class 54 Rating, Add	*147.37*	
		For Class 55 Rating, Add	*221.42*	
		For Class 56 Rating, Add	*294.52*	
40 05 19 00-1116	EA	8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,421.41	252.46
		For Class 52 Rating, Deduct	*-114.28*	
		For Class 54 Rating, Add	*160.43*	
		For Class 55 Rating, Add	*240.86*	
		For Class 56 Rating, Add	*320.25*	
40 05 19 00-1117	EA	8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,512.05	255.02
		For Class 52 Rating, Deduct	*-123.82*	
		For Class 54 Rating, Add	*173.48*	
		For Class 55 Rating, Add	*260.29*	
		For Class 56 Rating, Add	*345.98*	
40 05 19 00-1118	EA	8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,602.69	257.60
		For Class 52 Rating, Deduct	*-133.36*	
		For Class 54 Rating, Add	*186.54*	
		For Class 55 Rating, Add	*279.73*	
		For Class 56 Rating, Add	*371.71*	
40 05 19 00-1119	EA	8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,693.33	260.18
		For Class 52 Rating, Deduct	*-142.90*	
		For Class 54 Rating, Add	*199.60*	
		For Class 55 Rating, Add	*299.17*	
		For Class 56 Rating, Add	*397.43*	
40 05 19 00-1120	EA	8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,783.98	262.75
		For Class 52 Rating, Deduct	*-152.45*	
		For Class 54 Rating, Add	*212.66*	
		For Class 55 Rating, Add	*318.60*	
		For Class 56 Rating, Add	*423.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1121	EA	8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,874.62	265.33
		For Class 52 Rating, Deduct	*-161.99*	
		For Class 54 Rating, Add	*225.72*	
		For Class 55 Rating, Add	*338.04*	
		For Class 56 Rating, Add	*448.89*	
40 05 19 00-1122	EA	8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,965.27	267.90
		For Class 52 Rating, Deduct	*-171.53*	
		For Class 54 Rating, Add	*238.77*	
		For Class 55 Rating, Add	*357.48*	
		For Class 56 Rating, Add	*474.62*	
40 05 19 00-1123	EA	8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,055.91	270.49
		For Class 52 Rating, Deduct	*-181.07*	
		For Class 54 Rating, Add	*251.83*	
		For Class 55 Rating, Add	*376.91*	
		For Class 56 Rating, Add	*500.35*	
40 05 19 00-1124	EA	8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,146.55	273.05
		For Class 52 Rating, Deduct	*-190.61*	
		For Class 54 Rating, Add	*264.89*	
		For Class 55 Rating, Add	*396.35*	
		For Class 56 Rating, Add	*526.08*	
40 05 19 00-1125	EA	8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,237.19	275.63
		For Class 52 Rating, Deduct	*-200.15*	
		For Class 54 Rating, Add	*277.95*	
		For Class 55 Rating, Add	*415.79*	
		For Class 56 Rating, Add	*551.81*	
40 05 19 00-1126	EA	8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,327.84	278.22
		For Class 52 Rating, Deduct	*-209.69*	
		For Class 54 Rating, Add	*291.00*	
		For Class 55 Rating, Add	*435.22*	
		For Class 56 Rating, Add	*577.54*	
40 05 19 00-1127	EA	8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,418.47	280.78
		For Class 52 Rating, Deduct	*-219.23*	
		For Class 54 Rating, Add	*304.06*	
		For Class 55 Rating, Add	*454.66*	
		For Class 56 Rating, Add	*603.26*	
40 05 19 00-1128	EA	8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,509.12	283.36
		For Class 52 Rating, Deduct	*-228.78*	
		For Class 54 Rating, Add	*317.12*	
		For Class 55 Rating, Add	*474.10*	
		For Class 56 Rating, Add	*628.99*	
40 05 19 00-1129	EA	8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,599.76	285.93
		For Class 52 Rating, Deduct	*-238.32*	
		For Class 54 Rating, Add	*330.18*	
		For Class 55 Rating, Add	*493.53*	
		For Class 56 Rating, Add	*654.72*	
40 05 19 00-1130	EA	8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,690.40	288.52
		For Class 52 Rating, Deduct	*-247.86*	
		For Class 54 Rating, Add	*343.23*	
		For Class 55 Rating, Add	*512.97*	
		For Class 56 Rating, Add	*680.45*	
40 05 19 00-1131	EA	8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,781.04	291.08
		For Class 52 Rating, Deduct	*-257.40*	
		For Class 54 Rating, Add	*356.29*	
		For Class 55 Rating, Add	*532.40*	
		For Class 56 Rating, Add	*706.18*	
40 05 19 00-1132	EA	8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,871.68	293.66
		For Class 52 Rating, Deduct	*-266.94*	
		For Class 54 Rating, Add	*369.35*	
		For Class 55 Rating, Add	*551.84*	
		For Class 56 Rating, Add	*731.91*	
40 05 19 00-1133	EA	8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,962.33	296.25
		For Class 52 Rating, Deduct	*-276.48*	
		For Class 54 Rating, Add	*382.41*	
		For Class 55 Rating, Add	*571.28*	
		For Class 56 Rating, Add	*757.64*	
40 05 19 00-1134	EA	8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,052.97	298.82
		For Class 52 Rating, Deduct	*-286.02*	
		For Class 54 Rating, Add	*395.47*	
		For Class 55 Rating, Add	*590.72*	
		For Class 56 Rating, Add	*783.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1135	EA	8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,143.62	301.39
		For Class 52 Rating, Deduct	*-295.57*	
		For Class 54 Rating, Add	*408.52*	
		For Class 55 Rating, Add	*610.15*	
		For Class 56 Rating, Add	*809.09*	
40 05 19 00-1136	EA	8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,234.26	303.96
		For Class 52 Rating, Deduct	*-305.11*	
		For Class 54 Rating, Add	*421.58*	
		For Class 55 Rating, Add	*629.59*	
		For Class 56 Rating, Add	*834.82*	
40 05 19 00-1137	EA	8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,324.91	306.55
		For Class 52 Rating, Deduct	*-314.65*	
		For Class 54 Rating, Add	*434.64*	
		For Class 55 Rating, Add	*649.03*	
		For Class 56 Rating, Add	*860.55*	
40 05 19 00-1138	EA	8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,415.54	309.12
		For Class 52 Rating, Deduct	*-324.19*	
		For Class 54 Rating, Add	*447.70*	
		For Class 55 Rating, Add	*668.46*	
		For Class 56 Rating, Add	*886.28*	
40 05 19 00-1139	EA	8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,506.19	311.69
		For Class 52 Rating, Deduct	*-333.73*	
		For Class 54 Rating, Add	*460.76*	
		For Class 55 Rating, Add	*687.90*	
		For Class 56 Rating, Add	*912.01*	
40 05 19 00-1140	EA	8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,596.83	314.28
		For Class 52 Rating, Deduct	*-343.27*	
		For Class 54 Rating, Add	*473.81*	
		For Class 55 Rating, Add	*707.34*	
		For Class 56 Rating, Add	*937.74*	
40 05 19 00-1141	EA	8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,687.47	316.85
		For Class 52 Rating, Deduct	*-352.81*	
		For Class 54 Rating, Add	*486.87*	
		For Class 55 Rating, Add	*726.77*	
		For Class 56 Rating, Add	*963.47*	
40 05 19 00-1142	EA	8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,778.12	319.42
		For Class 52 Rating, Deduct	*-362.36*	
		For Class 54 Rating, Add	*499.93*	
		For Class 55 Rating, Add	*746.21*	
		For Class 56 Rating, Add	*989.19*	
40 05 19 00-1143	EA	8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,868.76	322.00
		For Class 52 Rating, Deduct	*-371.90*	
		For Class 54 Rating, Add	*512.99*	
		For Class 55 Rating, Add	*765.65*	
		For Class 56 Rating, Add	*1,014.92*	
40 05 19 00-1144	EA	8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,959.41	324.58
		For Class 52 Rating, Deduct	*-381.44*	
		For Class 54 Rating, Add	*526.04*	
		For Class 55 Rating, Add	*785.08*	
		For Class 56 Rating, Add	*1,040.65*	
40 05 19 00-1145	EA	8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,050.04	327.15
		For Class 52 Rating, Deduct	*-390.98*	
		For Class 54 Rating, Add	*539.10*	
		For Class 55 Rating, Add	*804.52*	
		For Class 56 Rating, Add	*1,066.38*	
40 05 19 00-1146	EA	8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,140.69	329.72
		For Class 52 Rating, Deduct	*-400.52*	
		For Class 54 Rating, Add	*552.16*	
		For Class 55 Rating, Add	*823.96*	
		For Class 56 Rating, Add	*1,092.11*	
40 05 19 00-1147	EA	8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,231.33	332.31
		For Class 52 Rating, Deduct	*-410.06*	
		For Class 54 Rating, Add	*565.22*	
		For Class 55 Rating, Add	*843.39*	
		For Class 56 Rating, Add	*1,117.84*	
40 05 19 00-1148	EA	8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,321.98	334.89
		For Class 52 Rating, Deduct	*-419.60*	
		For Class 54 Rating, Add	*578.28*	
		For Class 55 Rating, Add	*862.83*	
		For Class 56 Rating, Add	*1,143.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1149		10" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1150	EA	10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,105.43	288.52
		For Class 52 Rating, Deduct	*-73.51*	
		For Class 54 Rating, Add	*105.49*	
		For Class 55 Rating, Add	*159.52*	
		For Class 56 Rating, Add	*212.88*	
40 05 19 00-1151	EA	10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,223.67	291.08
		For Class 52 Rating, Deduct	*-86.09*	
		For Class 54 Rating, Add	*122.69*	
		For Class 55 Rating, Add	*185.11*	
		For Class 56 Rating, Add	*246.75*	
40 05 19 00-1152	EA	10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,341.91	293.66
		For Class 52 Rating, Deduct	*-98.67*	
		For Class 54 Rating, Add	*139.88*	
		For Class 55 Rating, Add	*210.70*	
		For Class 56 Rating, Add	*280.62*	
40 05 19 00-1153	EA	10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,460.16	296.25
		For Class 52 Rating, Deduct	*-111.24*	
		For Class 54 Rating, Add	*157.08*	
		For Class 55 Rating, Add	*236.29*	
		For Class 56 Rating, Add	*314.50*	
40 05 19 00-1154	EA	10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,578.40	298.82
		For Class 52 Rating, Deduct	*-123.82*	
		For Class 54 Rating, Add	*174.28*	
		For Class 55 Rating, Add	*261.89*	
		For Class 56 Rating, Add	*348.37*	
40 05 19 00-1155	EA	10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,696.65	301.39
		For Class 52 Rating, Deduct	*-136.40*	
		For Class 54 Rating, Add	*191.48*	
		For Class 55 Rating, Add	*287.48*	
		For Class 56 Rating, Add	*382.24*	
40 05 19 00-1156	EA	10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,814.88	303.96
		For Class 52 Rating, Deduct	*-148.98*	
		For Class 54 Rating, Add	*208.67*	
		For Class 55 Rating, Add	*313.07*	
		For Class 56 Rating, Add	*416.10*	
40 05 19 00-1157	EA	10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,933.13	306.55
		For Class 52 Rating, Deduct	*-161.55*	
		For Class 54 Rating, Add	*225.87*	
		For Class 55 Rating, Add	*338.66*	
		For Class 56 Rating, Add	*449.98*	
40 05 19 00-1158	EA	10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,051.36	309.12
		For Class 52 Rating, Deduct	*-174.13*	
		For Class 54 Rating, Add	*243.07*	
		For Class 55 Rating, Add	*364.25*	
		For Class 56 Rating, Add	*483.85*	
40 05 19 00-1159	EA	10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,169.61	311.69
		For Class 52 Rating, Deduct	*-186.71*	
		For Class 54 Rating, Add	*260.27*	
		For Class 55 Rating, Add	*389.84*	
		For Class 56 Rating, Add	*517.72*	
40 05 19 00-1160	EA	10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,287.85	314.28
		For Class 52 Rating, Deduct	*-199.28*	
		For Class 54 Rating, Add	*277.47*	
		For Class 55 Rating, Add	*415.43*	
		For Class 56 Rating, Add	*551.59*	
40 05 19 00-1161	EA	10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,406.09	316.85
		For Class 52 Rating, Deduct	*-211.86*	
		For Class 54 Rating, Add	*294.66*	
		For Class 55 Rating, Add	*441.02*	
		For Class 56 Rating, Add	*585.46*	
40 05 19 00-1162	EA	10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,524.34	319.42
		For Class 52 Rating, Deduct	*-224.44*	
		For Class 54 Rating, Add	*311.86*	
		For Class 55 Rating, Add	*466.62*	
		For Class 56 Rating, Add	*619.33*	
40 05 19 00-1163	EA	10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,642.58	322.00
		For Class 52 Rating, Deduct	*-237.02*	
		For Class 54 Rating, Add	*329.06*	
		For Class 55 Rating, Add	*492.21*	
		For Class 56 Rating, Add	*653.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1164	EA	10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,760.83	324.58
		For Class 52 Rating, Deduct	*-249.59*	
		For Class 54 Rating, Add	*346.26*	
		For Class 55 Rating, Add	*517.80*	
		For Class 56 Rating, Add	*687.07*	
40 05 19 00-1165	EA	10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,879.05	327.15
		For Class 52 Rating, Deduct	*-262.17*	
		For Class 54 Rating, Add	*363.45*	
		For Class 55 Rating, Add	*543.39*	
		For Class 56 Rating, Add	*720.94*	
40 05 19 00-1166	EA	10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,997.30	329.72
		For Class 52 Rating, Deduct	*-274.75*	
		For Class 54 Rating, Add	*380.65*	
		For Class 55 Rating, Add	*568.98*	
		For Class 56 Rating, Add	*754.81*	
40 05 19 00-1167	EA	10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,115.54	332.31
		For Class 52 Rating, Deduct	*-287.33*	
		For Class 54 Rating, Add	*397.85*	
		For Class 55 Rating, Add	*594.57*	
		For Class 56 Rating, Add	*788.68*	
40 05 19 00-1168	EA	10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,233.79	334.89
		For Class 52 Rating, Deduct	*-299.90*	
		For Class 54 Rating, Add	*415.05*	
		For Class 55 Rating, Add	*620.16*	
		For Class 56 Rating, Add	*822.55*	
40 05 19 00-1169	EA	10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,352.03	337.45
		For Class 52 Rating, Deduct	*-312.48*	
		For Class 54 Rating, Add	*432.25*	
		For Class 55 Rating, Add	*645.75*	
		For Class 56 Rating, Add	*856.42*	
40 05 19 00-1170	EA	10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,470.27	340.03
		For Class 52 Rating, Deduct	*-325.06*	
		For Class 54 Rating, Add	*449.44*	
		For Class 55 Rating, Add	*671.35*	
		For Class 56 Rating, Add	*890.29*	
40 05 19 00-1171	EA	10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,588.51	342.61
		For Class 52 Rating, Deduct	*-337.64*	
		For Class 54 Rating, Add	*466.64*	
		For Class 55 Rating, Add	*696.94*	
		For Class 56 Rating, Add	*924.16*	
40 05 19 00-1172	EA	10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,706.75	345.18
		For Class 52 Rating, Deduct	*-350.21*	
		For Class 54 Rating, Add	*483.84*	
		For Class 55 Rating, Add	*722.53*	
		For Class 56 Rating, Add	*958.03*	
40 05 19 00-1173	EA	10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,825.00	347.76
		For Class 52 Rating, Deduct	*-362.79*	
		For Class 54 Rating, Add	*501.04*	
		For Class 55 Rating, Add	*748.12*	
		For Class 56 Rating, Add	*991.91*	
40 05 19 00-1174	EA	10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,943.23	350.34
		For Class 52 Rating, Deduct	*-375.37*	
		For Class 54 Rating, Add	*518.23*	
		For Class 55 Rating, Add	*773.71*	
		For Class 56 Rating, Add	*1,025.77*	
40 05 19 00-1175	EA	10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,061.48	352.92
		For Class 52 Rating, Deduct	*-387.94*	
		For Class 54 Rating, Add	*535.43*	
		For Class 55 Rating, Add	*799.30*	
		For Class 56 Rating, Add	*1,059.64*	
40 05 19 00-1176	EA	10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,179.72	355.48
		For Class 52 Rating, Deduct	*-400.52*	
		For Class 54 Rating, Add	*552.63*	
		For Class 55 Rating, Add	*824.89*	
		For Class 56 Rating, Add	*1,093.51*	
40 05 19 00-1177	EA	10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,297.97	358.06
		For Class 52 Rating, Deduct	*-413.10*	
		For Class 54 Rating, Add	*569.83*	
		For Class 55 Rating, Add	*850.48*	
		For Class 56 Rating, Add	*1,127.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1178	EA	10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,416.20	360.65
		For Class 52 Rating, Deduct	*-425.68*	
		For Class 54 Rating, Add	*587.02*	
		For Class 55 Rating, Add	*876.08*	
		For Class 56 Rating, Add	*1,161.26*	
40 05 19 00-1179	EA	10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,534.45	363.22
		For Class 52 Rating, Deduct	*-438.25*	
		For Class 54 Rating, Add	*604.22*	
		For Class 55 Rating, Add	*901.67*	
		For Class 56 Rating, Add	*1,195.13*	
40 05 19 00-1180	EA	10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,652.69	365.79
		For Class 52 Rating, Deduct	*-450.83*	
		For Class 54 Rating, Add	*621.42*	
		For Class 55 Rating, Add	*927.26*	
		For Class 56 Rating, Add	*1,229.00*	
40 05 19 00-1181	EA	10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,770.93	368.36
		For Class 52 Rating, Deduct	*-463.41*	
		For Class 54 Rating, Add	*638.62*	
		For Class 55 Rating, Add	*952.85*	
		For Class 56 Rating, Add	*1,262.87*	
40 05 19 00-1182	EA	10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,889.18	370.95
		For Class 52 Rating, Deduct	*-475.99*	
		For Class 54 Rating, Add	*655.82*	
		For Class 55 Rating, Add	*978.44*	
		For Class 56 Rating, Add	*1,296.74*	
40 05 19 00-1183	EA	10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,007.41	373.52
		For Class 52 Rating, Deduct	*-488.56*	
		For Class 54 Rating, Add	*673.01*	
		For Class 55 Rating, Add	*1,004.03*	
		For Class 56 Rating, Add	*1,330.61*	
40 05 19 00-1184	EA	10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,125.66	376.09
		For Class 52 Rating, Deduct	*-501.14*	
		For Class 54 Rating, Add	*690.21*	
		For Class 55 Rating, Add	*1,029.62*	
		For Class 56 Rating, Add	*1,364.48*	
40 05 19 00-1185	EA	10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,243.89	378.68
		For Class 52 Rating, Deduct	*-513.72*	
		For Class 54 Rating, Add	*707.41*	
		For Class 55 Rating, Add	*1,055.21*	
		For Class 56 Rating, Add	*1,398.35*	
40 05 19 00-1186	EA	10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,362.14	381.25
		For Class 52 Rating, Deduct	*-526.29*	
		For Class 54 Rating, Add	*724.61*	
		For Class 55 Rating, Add	*1,080.80*	
		For Class 56 Rating, Add	*1,432.22*	
40 05 19 00-1187	EA	10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,480.38	383.82
		For Class 52 Rating, Deduct	*-538.87*	
		For Class 54 Rating, Add	*741.80*	
		For Class 55 Rating, Add	*1,106.40*	
		For Class 56 Rating, Add	*1,466.09*	
40 05 19 00-1188	EA	10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,598.63	386.40
		For Class 52 Rating, Deduct	*-551.45*	
		For Class 54 Rating, Add	*759.00*	
		For Class 55 Rating, Add	*1,131.99*	
		For Class 56 Rating, Add	*1,499.96*	
40 05 19 00-1189		12" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1190	EA	12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,437.47	360.65
		For Class 52 Rating, Deduct	*-98.02*	
		For Class 54 Rating, Add	*140.21*	
		For Class 55 Rating, Add	*211.82*	
		For Class 56 Rating, Add	*282.53*	
40 05 19 00-1191	EA	12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,585.29	363.22
		For Class 52 Rating, Deduct	*-113.85*	
		For Class 54 Rating, Add	*161.85*	
		For Class 55 Rating, Add	*244.00*	
		For Class 56 Rating, Add	*325.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1192	EA	12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,733.10	365.79
		For Class 52 Rating, Deduct	*-129.68*	
		For Class 54 Rating, Add	*183.48*	
		For Class 55 Rating, Add	*276.19*	
		For Class 56 Rating, Add	*367.72*	
40 05 19 00-1193	EA	12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,880.91	368.36
		For Class 52 Rating, Deduct	*-145.51*	
		For Class 54 Rating, Add	*205.11*	
		For Class 55 Rating, Add	*308.38*	
		For Class 56 Rating, Add	*410.31*	
40 05 19 00-1194	EA	12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,028.73	370.95
		For Class 52 Rating, Deduct	*-161.34*	
		For Class 54 Rating, Add	*226.75*	
		For Class 55 Rating, Add	*340.56*	
		For Class 56 Rating, Add	*452.91*	
40 05 19 00-1195	EA	12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,176.54	373.52
		For Class 52 Rating, Deduct	*-177.17*	
		For Class 54 Rating, Add	*248.38*	
		For Class 55 Rating, Add	*372.75*	
		For Class 56 Rating, Add	*495.50*	
40 05 19 00-1196	EA	12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,324.36	376.09
		For Class 52 Rating, Deduct	*-193.00*	
		For Class 54 Rating, Add	*270.01*	
		For Class 55 Rating, Add	*404.93*	
		For Class 56 Rating, Add	*538.10*	
40 05 19 00-1197	EA	12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,472.16	378.68
		For Class 52 Rating, Deduct	*-208.83*	
		For Class 54 Rating, Add	*291.65*	
		For Class 55 Rating, Add	*437.12*	
		For Class 56 Rating, Add	*580.69*	
40 05 19 00-1198	EA	12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,619.98	381.25
		For Class 52 Rating, Deduct	*-224.66*	
		For Class 54 Rating, Add	*313.28*	
		For Class 55 Rating, Add	*469.30*	
		For Class 56 Rating, Add	*623.28*	
40 05 19 00-1199	EA	12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,767.79	383.82
		For Class 52 Rating, Deduct	*-240.49*	
		For Class 54 Rating, Add	*334.91*	
		For Class 55 Rating, Add	*501.49*	
		For Class 56 Rating, Add	*665.88*	
40 05 19 00-1200	EA	12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,915.61	386.40
		For Class 52 Rating, Deduct	*-256.32*	
		For Class 54 Rating, Add	*356.55*	
		For Class 55 Rating, Add	*533.67*	
		For Class 56 Rating, Add	*708.47*	
40 05 19 00-1201	EA	12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,063.42	388.98
		For Class 52 Rating, Deduct	*-272.15*	
		For Class 54 Rating, Add	*378.18*	
		For Class 55 Rating, Add	*565.86*	
		For Class 56 Rating, Add	*751.06*	
40 05 19 00-1202	EA	12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,211.23	391.55
		For Class 52 Rating, Deduct	*-287.98*	
		For Class 54 Rating, Add	*399.81*	
		For Class 55 Rating, Add	*598.05*	
		For Class 56 Rating, Add	*793.66*	
40 05 19 00-1203	EA	12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,359.05	394.12
		For Class 52 Rating, Deduct	*-303.81*	
		For Class 54 Rating, Add	*421.45*	
		For Class 55 Rating, Add	*630.23*	
		For Class 56 Rating, Add	*836.25*	
40 05 19 00-1204	EA	12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,506.84	396.71
		For Class 52 Rating, Deduct	*-319.64*	
		For Class 54 Rating, Add	*443.08*	
		For Class 55 Rating, Add	*662.41*	
		For Class 56 Rating, Add	*878.84*	
40 05 19 00-1205	EA	12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,654.66	399.29
		For Class 52 Rating, Deduct	*-335.47*	
		For Class 54 Rating, Add	*464.71*	
		For Class 55 Rating, Add	*694.60*	
		For Class 56 Rating, Add	*921.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1206	EA	12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,802.47	401.85
		For Class 52 Rating, Deduct	*-351.30*	
		For Class 54 Rating, Add	*486.35*	
		For Class 55 Rating, Add	*726.79*	
		For Class 56 Rating, Add	*964.03*	
40 05 19 00-1207	EA	12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,950.29	404.43
		For Class 52 Rating, Deduct	*-367.13*	
		For Class 54 Rating, Add	*507.98*	
		For Class 55 Rating, Add	*758.97*	
		For Class 56 Rating, Add	*1,006.63*	
40 05 19 00-1208	EA	12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,098.10	407.01
		For Class 52 Rating, Deduct	*-382.96*	
		For Class 54 Rating, Add	*529.61*	
		For Class 55 Rating, Add	*791.16*	
		For Class 56 Rating, Add	*1,049.22*	
40 05 19 00-1209	EA	12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,245.92	409.58
		For Class 52 Rating, Deduct	*-398.79*	
		For Class 54 Rating, Add	*551.25*	
		For Class 55 Rating, Add	*823.34*	
		For Class 56 Rating, Add	*1,091.81*	
40 05 19 00-1210	EA	12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,393.73	412.16
		For Class 52 Rating, Deduct	*-414.62*	
		For Class 54 Rating, Add	*572.88*	
		For Class 55 Rating, Add	*855.53*	
		For Class 56 Rating, Add	*1,134.41*	
40 05 19 00-1211	EA	12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,541.54	414.74
		For Class 52 Rating, Deduct	*-430.45*	
		For Class 54 Rating, Add	*594.51*	
		For Class 55 Rating, Add	*887.71*	
		For Class 56 Rating, Add	*1,177.00*	
40 05 19 00-1212	EA	12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,689.35	417.32
		For Class 52 Rating, Deduct	*-446.28*	
		For Class 54 Rating, Add	*616.15*	
		For Class 55 Rating, Add	*919.90*	
		For Class 56 Rating, Add	*1,219.60*	
40 05 19 00-1213	EA	12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,837.16	419.88
		For Class 52 Rating, Deduct	*-462.11*	
		For Class 54 Rating, Add	*637.78*	
		For Class 55 Rating, Add	*952.08*	
		For Class 56 Rating, Add	*1,262.19*	
40 05 19 00-1214	EA	12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,984.98	422.46
		For Class 52 Rating, Deduct	*-477.94*	
		For Class 54 Rating, Add	*659.41*	
		For Class 55 Rating, Add	*984.27*	
		For Class 56 Rating, Add	*1,304.78*	
40 05 19 00-1215	EA	12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,132.79	425.05
		For Class 52 Rating, Deduct	*-493.77*	
		For Class 54 Rating, Add	*681.05*	
		For Class 55 Rating, Add	*1,016.46*	
		For Class 56 Rating, Add	*1,347.38*	
40 05 19 00-1216	EA	12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,280.61	427.62
		For Class 52 Rating, Deduct	*-509.60*	
		For Class 54 Rating, Add	*702.68*	
		For Class 55 Rating, Add	*1,048.64*	
		For Class 56 Rating, Add	*1,389.97*	
40 05 19 00-1217	EA	12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,428.41	430.19
		For Class 52 Rating, Deduct	*-525.43*	
		For Class 54 Rating, Add	*724.31*	
		For Class 55 Rating, Add	*1,080.83*	
		For Class 56 Rating, Add	*1,432.56*	
40 05 19 00-1218	EA	12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,576.22	432.77
		For Class 52 Rating, Deduct	*-541.26*	
		For Class 54 Rating, Add	*745.95*	
		For Class 55 Rating, Add	*1,113.01*	
		For Class 56 Rating, Add	*1,475.16*	
40 05 19 00-1219	EA	12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,724.03	435.35
		For Class 52 Rating, Deduct	*-557.09*	
		For Class 54 Rating, Add	*767.58*	
		For Class 55 Rating, Add	*1,145.20*	
		For Class 56 Rating, Add	*1,517.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1220	EA	12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,871.85	437.92
		For Class 52 Rating, Deduct	*-572.92*	
		For Class 54 Rating, Add	*789.21*	
		For Class 55 Rating, Add	*1,177.38*	
		For Class 56 Rating, Add	*1,560.34*	
40 05 19 00-1221	EA	12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,019.66	440.49
		For Class 52 Rating, Deduct	*-588.75*	
		For Class 54 Rating, Add	*810.85*	
		For Class 55 Rating, Add	*1,209.57*	
		For Class 56 Rating, Add	*1,602.94*	
40 05 19 00-1222	EA	12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,167.47	443.08
		For Class 52 Rating, Deduct	*-604.58*	
		For Class 54 Rating, Add	*832.48*	
		For Class 55 Rating, Add	*1,241.75*	
		For Class 56 Rating, Add	*1,645.53*	
40 05 19 00-1223	EA	12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,315.29	445.65
		For Class 52 Rating, Deduct	*-620.41*	
		For Class 54 Rating, Add	*854.11*	
		For Class 55 Rating, Add	*1,273.94*	
		For Class 56 Rating, Add	*1,688.13*	
40 05 19 00-1224	EA	12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,463.09	448.22
		For Class 52 Rating, Deduct	*-636.24*	
		For Class 54 Rating, Add	*875.74*	
		For Class 55 Rating, Add	*1,306.12*	
		For Class 56 Rating, Add	*1,730.72*	
40 05 19 00-1225	EA	12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,610.91	450.81
		For Class 52 Rating, Deduct	*-652.07*	
		For Class 54 Rating, Add	*897.38*	
		For Class 55 Rating, Add	*1,338.31*	
		For Class 56 Rating, Add	*1,773.31*	
40 05 19 00-1226	EA	12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,758.72	453.38
		For Class 52 Rating, Deduct	*-667.90*	
		For Class 54 Rating, Add	*919.01*	
		For Class 55 Rating, Add	*1,370.50*	
		For Class 56 Rating, Add	*1,815.91*	
40 05 19 00-1227	EA	12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,906.54	455.95
		For Class 52 Rating, Deduct	*-683.73*	
		For Class 54 Rating, Add	*940.65*	
		For Class 55 Rating, Add	*1,402.68*	
		For Class 56 Rating, Add	*1,858.50*	
40 05 19 00-1228	EA	12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,054.35	458.52
		For Class 52 Rating, Deduct	*-699.56*	
		For Class 54 Rating, Add	*962.28*	
		For Class 55 Rating, Add	*1,434.87*	
		For Class 56 Rating, Add	*1,901.10*	
40 05 19 00-1229		14" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1230	EA	14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,927.24	432.77
		For Class 52 Rating, Deduct	*-139.87*	
		For Class 54 Rating, Add	*198.60*	
		For Class 55 Rating, Add	*299.29*	
		For Class 56 Rating, Add	*398.71*	
40 05 19 00-1231	EA	14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,106.59	435.35
		For Class 52 Rating, Deduct	*-159.17*	
		For Class 54 Rating, Add	*224.96*	
		For Class 55 Rating, Add	*338.51*	
		For Class 56 Rating, Add	*450.61*	
40 05 19 00-1232	EA	14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,285.95	437.92
		For Class 52 Rating, Deduct	*-178.47*	
		For Class 54 Rating, Add	*251.33*	
		For Class 55 Rating, Add	*377.73*	
		For Class 56 Rating, Add	*502.50*	
40 05 19 00-1233	EA	14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,465.30	440.49
		For Class 52 Rating, Deduct	*-197.77*	
		For Class 54 Rating, Add	*277.69*	
		For Class 55 Rating, Add	*416.95*	
		For Class 56 Rating, Add	*554.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1234	EA	14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,644.65	443.08
		For Class 52 Rating, Deduct	*-217.07*	
		For Class 54 Rating, Add	*304.06*	
		For Class 55 Rating, Add	*456.16*	
		For Class 56 Rating, Add	*606.30*	
40 05 19 00-1235	EA	14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,824.01	445.65
		For Class 52 Rating, Deduct	*-236.37*	
		For Class 54 Rating, Add	*330.42*	
		For Class 55 Rating, Add	*495.38*	
		For Class 56 Rating, Add	*658.20*	
40 05 19 00-1236	EA	14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,003.35	448.22
		For Class 52 Rating, Deduct	*-255.67*	
		For Class 54 Rating, Add	*356.78*	
		For Class 55 Rating, Add	*534.60*	
		For Class 56 Rating, Add	*710.10*	
40 05 19 00-1237	EA	14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,182.71	450.81
		For Class 52 Rating, Deduct	*-274.96*	
		For Class 54 Rating, Add	*383.15*	
		For Class 55 Rating, Add	*573.82*	
		For Class 56 Rating, Add	*761.99*	
40 05 19 00-1238	EA	14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,362.07	453.38
		For Class 52 Rating, Deduct	*-294.27*	
		For Class 54 Rating, Add	*409.51*	
		For Class 55 Rating, Add	*613.04*	
		For Class 56 Rating, Add	*813.90*	
40 05 19 00-1239	EA	14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,541.43	455.95
		For Class 52 Rating, Deduct	*-313.56*	
		For Class 54 Rating, Add	*435.88*	
		For Class 55 Rating, Add	*652.26*	
		For Class 56 Rating, Add	*865.79*	
40 05 19 00-1240	EA	14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,720.78	458.52
		For Class 52 Rating, Deduct	*-332.86*	
		For Class 54 Rating, Add	*462.24*	
		For Class 55 Rating, Add	*691.48*	
		For Class 56 Rating, Add	*917.69*	
40 05 19 00-1241	EA	14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,900.14	461.11
		For Class 52 Rating, Deduct	*-352.16*	
		For Class 54 Rating, Add	*488.61*	
		For Class 55 Rating, Add	*730.70*	
		For Class 56 Rating, Add	*969.59*	
40 05 19 00-1242	EA	14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,079.49	463.69
		For Class 52 Rating, Deduct	*-371.46*	
		For Class 54 Rating, Add	*514.97*	
		For Class 55 Rating, Add	*769.92*	
		For Class 56 Rating, Add	*1,021.49*	
40 05 19 00-1243	EA	14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,258.84	466.25
		For Class 52 Rating, Deduct	*-390.76*	
		For Class 54 Rating, Add	*541.34*	
		For Class 55 Rating, Add	*809.14*	
		For Class 56 Rating, Add	*1,073.39*	
40 05 19 00-1244	EA	14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,438.19	468.84
		For Class 52 Rating, Deduct	*-410.06*	
		For Class 54 Rating, Add	*567.70*	
		For Class 55 Rating, Add	*848.36*	
		For Class 56 Rating, Add	*1,125.29*	
40 05 19 00-1245	EA	14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,617.54	471.41
		For Class 52 Rating, Deduct	*-429.36*	
		For Class 54 Rating, Add	*594.06*	
		For Class 55 Rating, Add	*887.58*	
		For Class 56 Rating, Add	*1,177.18*	
40 05 19 00-1246	EA	14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,796.90	473.98
		For Class 52 Rating, Deduct	*-448.66*	
		For Class 54 Rating, Add	*620.43*	
		For Class 55 Rating, Add	*926.79*	
		For Class 56 Rating, Add	*1,229.08*	
40 05 19 00-1247	EA	14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,976.25	476.56
		For Class 52 Rating, Deduct	*-467.96*	
		For Class 54 Rating, Add	*646.79*	
		For Class 55 Rating, Add	*966.01*	
		For Class 56 Rating, Add	*1,280.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1248	EA	14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,155.62	479.14
		For Class 52 Rating, Deduct	*-487.26*	
		For Class 54 Rating, Add	*673.16*	
		For Class 55 Rating, Add	*1,005.24*	
		For Class 56 Rating, Add	*1,332.88*	
40 05 19 00-1249	EA	14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,334.97	481.72
		For Class 52 Rating, Deduct	*-506.56*	
		For Class 54 Rating, Add	*699.52*	
		For Class 55 Rating, Add	*1,044.45*	
		For Class 56 Rating, Add	*1,384.78*	
40 05 19 00-1250	EA	14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,514.32	484.28
		For Class 52 Rating, Deduct	*-525.86*	
		For Class 54 Rating, Add	*725.89*	
		For Class 55 Rating, Add	*1,083.67*	
		For Class 56 Rating, Add	*1,436.68*	
40 05 19 00-1251	EA	14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,693.67	486.86
		For Class 52 Rating, Deduct	*-545.16*	
		For Class 54 Rating, Add	*752.25*	
		For Class 55 Rating, Add	*1,122.89*	
		For Class 56 Rating, Add	*1,488.58*	
40 05 19 00-1252	EA	14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,873.03	489.44
		For Class 52 Rating, Deduct	*-564.46*	
		For Class 54 Rating, Add	*778.62*	
		For Class 55 Rating, Add	*1,162.11*	
		For Class 56 Rating, Add	*1,540.47*	
40 05 19 00-1253	EA	14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,052.38	492.02
		For Class 52 Rating, Deduct	*-583.76*	
		For Class 54 Rating, Add	*804.98*	
		For Class 55 Rating, Add	*1,201.33*	
		For Class 56 Rating, Add	*1,592.37*	
40 05 19 00-1254	EA	14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,231.73	494.59
		For Class 52 Rating, Deduct	*-603.06*	
		For Class 54 Rating, Add	*831.35*	
		For Class 55 Rating, Add	*1,240.55*	
		For Class 56 Rating, Add	*1,644.27*	
40 05 19 00-1255	EA	14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,411.09	497.17
		For Class 52 Rating, Deduct	*-622.36*	
		For Class 54 Rating, Add	*857.71*	
		For Class 55 Rating, Add	*1,279.77*	
		For Class 56 Rating, Add	*1,696.17*	
40 05 19 00-1256	EA	14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,590.44	499.75
		For Class 52 Rating, Deduct	*-641.66*	
		For Class 54 Rating, Add	*884.07*	
		For Class 55 Rating, Add	*1,318.99*	
		For Class 56 Rating, Add	*1,748.07*	
40 05 19 00-1257	EA	14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,769.80	502.31
		For Class 52 Rating, Deduct	*-660.96*	
		For Class 54 Rating, Add	*910.44*	
		For Class 55 Rating, Add	*1,358.21*	
		For Class 56 Rating, Add	*1,799.97*	
40 05 19 00-1258	EA	14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,949.15	504.89
		For Class 52 Rating, Deduct	*-680.26*	
		For Class 54 Rating, Add	*936.80*	
		For Class 55 Rating, Add	*1,397.43*	
		For Class 56 Rating, Add	*1,851.87*	
40 05 19 00-1259	EA	14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,128.51	507.48
		For Class 52 Rating, Deduct	*-699.56*	
		For Class 54 Rating, Add	*963.17*	
		For Class 55 Rating, Add	*1,436.65*	
		For Class 56 Rating, Add	*1,903.77*	
40 05 19 00-1260	EA	14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,307.86	510.05
		For Class 52 Rating, Deduct	*-718.86*	
		For Class 54 Rating, Add	*989.53*	
		For Class 55 Rating, Add	*1,475.87*	
		For Class 56 Rating, Add	*1,955.66*	
40 05 19 00-1261	EA	14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,487.22	512.62
		For Class 52 Rating, Deduct	*-738.16*	
		For Class 54 Rating, Add	*1,015.90*	
		For Class 55 Rating, Add	*1,515.08*	
		For Class 56 Rating, Add	*2,007.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1262	EA	14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,666.57	515.20
		For Class 52 Rating, Deduct	*-757.46*	
		For Class 54 Rating, Add	*1,042.26*	
		For Class 55 Rating, Add	*1,554.30*	
		For Class 56 Rating, Add	*2,059.46*	
40 05 19 00-1263	EA	14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,845.92	517.78
		For Class 52 Rating, Deduct	*-776.76*	
		For Class 54 Rating, Add	*1,068.63*	
		For Class 55 Rating, Add	*1,593.52*	
		For Class 56 Rating, Add	*2,111.36*	
40 05 19 00-1264	EA	14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,025.27	520.35
		For Class 52 Rating, Deduct	*-796.05*	
		For Class 54 Rating, Add	*1,094.99*	
		For Class 55 Rating, Add	*1,632.74*	
		For Class 56 Rating, Add	*2,163.26*	
40 05 19 00-1265	EA	14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,204.62	522.92
		For Class 52 Rating, Deduct	*-815.35*	
		For Class 54 Rating, Add	*1,121.35*	
		For Class 55 Rating, Add	*1,671.96*	
		For Class 56 Rating, Add	*2,215.15*	
40 05 19 00-1266	EA	14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,383.98	525.51
		For Class 52 Rating, Deduct	*-834.65*	
		For Class 54 Rating, Add	*1,147.72*	
		For Class 55 Rating, Add	*1,711.18*	
		For Class 56 Rating, Add	*2,267.05*	
40 05 19 00-1267	EA	14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,563.34	528.08
		For Class 52 Rating, Deduct	*-853.95*	
		For Class 54 Rating, Add	*1,174.08*	
		For Class 55 Rating, Add	*1,750.40*	
		For Class 56 Rating, Add	*2,318.95*	
40 05 19 00-1268		16" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1269	EA	16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,253.53	494.59
		For Class 52 Rating, Deduct	*-165.46*	
		For Class 54 Rating, Add	*234.62*	
		For Class 55 Rating, Add	*353.41*	
		For Class 56 Rating, Add	*470.70*	
40 05 19 00-1270	EA	16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,462.46	497.17
		For Class 52 Rating, Deduct	*-188.01*	
		For Class 54 Rating, Add	*265.41*	
		For Class 55 Rating, Add	*399.22*	
		For Class 56 Rating, Add	*531.32*	
40 05 19 00-1271	EA	16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,671.38	499.75
		For Class 52 Rating, Deduct	*-210.56*	
		For Class 54 Rating, Add	*296.21*	
		For Class 55 Rating, Add	*445.04*	
		For Class 56 Rating, Add	*591.94*	
40 05 19 00-1272	EA	16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,880.30	502.31
		For Class 52 Rating, Deduct	*-233.11*	
		For Class 54 Rating, Add	*327.01*	
		For Class 55 Rating, Add	*490.85*	
		For Class 56 Rating, Add	*652.57*	
40 05 19 00-1273	EA	16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,089.22	504.89
		For Class 52 Rating, Deduct	*-255.67*	
		For Class 54 Rating, Add	*357.81*	
		For Class 55 Rating, Add	*536.66*	
		For Class 56 Rating, Add	*713.19*	
40 05 19 00-1274	EA	16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,298.15	507.48
		For Class 52 Rating, Deduct	*-278.22*	
		For Class 54 Rating, Add	*388.61*	
		For Class 55 Rating, Add	*582.48*	
		For Class 56 Rating, Add	*773.81*	
40 05 19 00-1275	EA	16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,507.08	510.05
		For Class 52 Rating, Deduct	*-300.77*	
		For Class 54 Rating, Add	*419.42*	
		For Class 55 Rating, Add	*628.29*	
		For Class 56 Rating, Add	*834.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1276	EA	16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,716.01	512.62
		For Class 52 Rating, Deduct	*-323.32*	
		For Class 54 Rating, Add	*450.22*	
		For Class 55 Rating, Add	*674.10*	
		For Class 56 Rating, Add	*895.06*	
40 05 19 00-1277	EA	16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,924.93	515.20
		For Class 52 Rating, Deduct	*-345.88*	
		For Class 54 Rating, Add	*481.02*	
		For Class 55 Rating, Add	*719.92*	
		For Class 56 Rating, Add	*955.68*	
40 05 19 00-1278	EA	16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,133.85	517.78
		For Class 52 Rating, Deduct	*-368.43*	
		For Class 54 Rating, Add	*511.82*	
		For Class 55 Rating, Add	*765.73*	
		For Class 56 Rating, Add	*1,016.30*	
40 05 19 00-1279	EA	16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,342.77	520.35
		For Class 52 Rating, Deduct	*-390.98*	
		For Class 54 Rating, Add	*542.61*	
		For Class 55 Rating, Add	*811.54*	
		For Class 56 Rating, Add	*1,076.92*	
40 05 19 00-1280	EA	16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,551.69	522.92
		For Class 52 Rating, Deduct	*-413.53*	
		For Class 54 Rating, Add	*573.41*	
		For Class 55 Rating, Add	*857.36*	
		For Class 56 Rating, Add	*1,137.54*	
40 05 19 00-1281	EA	16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,760.62	525.51
		For Class 52 Rating, Deduct	*-436.08*	
		For Class 54 Rating, Add	*604.21*	
		For Class 55 Rating, Add	*903.17*	
		For Class 56 Rating, Add	*1,198.16*	
40 05 19 00-1282	EA	16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,969.55	528.08
		For Class 52 Rating, Deduct	*-458.64*	
		For Class 54 Rating, Add	*635.02*	
		For Class 55 Rating, Add	*948.99*	
		For Class 56 Rating, Add	*1,258.79*	
40 05 19 00-1283	EA	16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,178.48	530.65
		For Class 52 Rating, Deduct	*-481.19*	
		For Class 54 Rating, Add	*665.82*	
		For Class 55 Rating, Add	*994.80*	
		For Class 56 Rating, Add	*1,319.41*	
40 05 19 00-1284	EA	16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,387.40	533.24
		For Class 52 Rating, Deduct	*-503.74*	
		For Class 54 Rating, Add	*696.62*	
		For Class 55 Rating, Add	*1,040.61*	
		For Class 56 Rating, Add	*1,380.03*	
40 05 19 00-1285	EA	16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,596.32	535.81
		For Class 52 Rating, Deduct	*-526.29*	
		For Class 54 Rating, Add	*727.42*	
		For Class 55 Rating, Add	*1,086.43*	
		For Class 56 Rating, Add	*1,440.65*	
40 05 19 00-1286	EA	16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,805.24	538.38
		For Class 52 Rating, Deduct	*-548.85*	
		For Class 54 Rating, Add	*758.22*	
		For Class 55 Rating, Add	*1,132.24*	
		For Class 56 Rating, Add	*1,501.27*	
40 05 19 00-1287	EA	16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,014.17	540.95
		For Class 52 Rating, Deduct	*-571.40*	
		For Class 54 Rating, Add	*789.02*	
		For Class 55 Rating, Add	*1,178.05*	
		For Class 56 Rating, Add	*1,561.89*	
40 05 19 00-1288	EA	16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,223.10	543.54
		For Class 52 Rating, Deduct	*-593.95*	
		For Class 54 Rating, Add	*819.82*	
		For Class 55 Rating, Add	*1,223.87*	
		For Class 56 Rating, Add	*1,622.52*	
40 05 19 00-1289	EA	16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,432.03	546.12
		For Class 52 Rating, Deduct	*-616.50*	
		For Class 54 Rating, Add	*850.62*	
		For Class 55 Rating, Add	*1,269.68*	
		For Class 56 Rating, Add	*1,683.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1290	EA	16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,640.95	548.68
		For Class 52 Rating, Deduct	*-639.06*	
		For Class 54 Rating, Add	*881.42*	
		For Class 55 Rating, Add	*1,315.49*	
		For Class 56 Rating, Add	*1,743.76*	
40 05 19 00-1291	EA	16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,849.87	551.27
		For Class 52 Rating, Deduct	*-661.61*	
		For Class 54 Rating, Add	*912.22*	
		For Class 55 Rating, Add	*1,361.31*	
		For Class 56 Rating, Add	*1,804.38*	
40 05 19 00-1292	EA	16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,058.79	553.84
		For Class 52 Rating, Deduct	*-684.16*	
		For Class 54 Rating, Add	*943.02*	
		For Class 55 Rating, Add	*1,407.12*	
		For Class 56 Rating, Add	*1,865.00*	
40 05 19 00-1293	EA	16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,267.71	556.42
		For Class 52 Rating, Deduct	*-706.71*	
		For Class 54 Rating, Add	*973.82*	
		For Class 55 Rating, Add	*1,452.93*	
		For Class 56 Rating, Add	*1,925.62*	
40 05 19 00-1294	EA	16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,476.64	558.99
		For Class 52 Rating, Deduct	*-729.26*	
		For Class 54 Rating, Add	*1,004.62*	
		For Class 55 Rating, Add	*1,498.75*	
		For Class 56 Rating, Add	*1,986.25*	
40 05 19 00-1295	EA	16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,685.57	561.57
		For Class 52 Rating, Deduct	*-751.82*	
		For Class 54 Rating, Add	*1,035.42*	
		For Class 55 Rating, Add	*1,544.56*	
		For Class 56 Rating, Add	*2,046.87*	
40 05 19 00-1296	EA	16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,894.50	564.15
		For Class 52 Rating, Deduct	*-774.37*	
		For Class 54 Rating, Add	*1,066.22*	
		For Class 55 Rating, Add	*1,590.37*	
		For Class 56 Rating, Add	*2,107.49*	
40 05 19 00-1297	EA	16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,103.42	566.71
		For Class 52 Rating, Deduct	*-796.92*	
		For Class 54 Rating, Add	*1,097.02*	
		For Class 55 Rating, Add	*1,636.19*	
		For Class 56 Rating, Add	*2,168.11*	
40 05 19 00-1298	EA	16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,312.35	569.30
		For Class 52 Rating, Deduct	*-819.47*	
		For Class 54 Rating, Add	*1,127.82*	
		For Class 55 Rating, Add	*1,682.00*	
		For Class 56 Rating, Add	*2,228.74*	
40 05 19 00-1299	EA	16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,521.26	571.88
		For Class 52 Rating, Deduct	*-842.03*	
		For Class 54 Rating, Add	*1,158.62*	
		For Class 55 Rating, Add	*1,727.81*	
		For Class 56 Rating, Add	*2,289.36*	
40 05 19 00-1300	EA	16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,730.18	574.45
		For Class 52 Rating, Deduct	*-864.58*	
		For Class 54 Rating, Add	*1,189.42*	
		For Class 55 Rating, Add	*1,773.63*	
		For Class 56 Rating, Add	*2,349.98*	
40 05 19 00-1301	EA	16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,939.11	577.02
		For Class 52 Rating, Deduct	*-887.13*	
		For Class 54 Rating, Add	*1,220.22*	
		For Class 55 Rating, Add	*1,819.44*	
		For Class 56 Rating, Add	*2,410.60*	
40 05 19 00-1302	EA	16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,148.04	579.60
		For Class 52 Rating, Deduct	*-909.68*	
		For Class 54 Rating, Add	*1,251.02*	
		For Class 55 Rating, Add	*1,865.26*	
		For Class 56 Rating, Add	*2,471.22*	
40 05 19 00-1303	EA	16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,356.97	582.18
		For Class 52 Rating, Deduct	*-932.24*	
		For Class 54 Rating, Add	*1,281.82*	
		For Class 55 Rating, Add	*1,911.07*	
		For Class 56 Rating, Add	*2,531.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1304	EA	16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,565.89	584.75
		For Class 52 Rating, Deduct	*-954.79*	
		For Class 54 Rating, Add	*1,312.62*	
		For Class 55 Rating, Add	*1,956.88*	
		For Class 56 Rating, Add	*2,592.47*	
40 05 19 00-1305	EA	16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,774.82	587.33
		For Class 52 Rating, Deduct	*-977.34*	
		For Class 54 Rating, Add	*1,343.42*	
		For Class 55 Rating, Add	*2,002.69*	
		For Class 56 Rating, Add	*2,653.09*	
40 05 19 00-1306	EA	16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,983.73	589.91
		For Class 52 Rating, Deduct	*-999.89*	
		For Class 54 Rating, Add	*1,374.22*	
		For Class 55 Rating, Add	*2,048.51*	
		For Class 56 Rating, Add	*2,713.71*	
40 05 19 00-1307		18" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1308	EA	18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,608.98	557.44
		For Class 52 Rating, Deduct	*-194.08*	
		For Class 54 Rating, Add	*274.79*	
		For Class 55 Rating, Add	*413.73*	
		For Class 56 Rating, Add	*550.90*	
40 05 19 00-1309	EA	18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,849.45	560.03
		For Class 52 Rating, Deduct	*-220.10*	
		For Class 54 Rating, Add	*310.32*	
		For Class 55 Rating, Add	*466.57*	
		For Class 56 Rating, Add	*620.82*	
40 05 19 00-1310	EA	18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,089.91	562.60
		For Class 52 Rating, Deduct	*-246.12*	
		For Class 54 Rating, Add	*345.85*	
		For Class 55 Rating, Add	*519.42*	
		For Class 56 Rating, Add	*690.75*	
40 05 19 00-1311	EA	18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,330.39	565.17
		For Class 52 Rating, Deduct	*-272.15*	
		For Class 54 Rating, Add	*381.38*	
		For Class 55 Rating, Add	*572.27*	
		For Class 56 Rating, Add	*760.68*	
40 05 19 00-1312	EA	18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,570.85	567.76
		For Class 52 Rating, Deduct	*-298.17*	
		For Class 54 Rating, Add	*416.92*	
		For Class 55 Rating, Add	*625.11*	
		For Class 56 Rating, Add	*830.60*	
40 05 19 00-1313	EA	18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,811.32	570.32
		For Class 52 Rating, Deduct	*-324.19*	
		For Class 54 Rating, Add	*452.45*	
		For Class 55 Rating, Add	*677.96*	
		For Class 56 Rating, Add	*900.53*	
40 05 19 00-1314	EA	18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,051.79	572.90
		For Class 52 Rating, Deduct	*-350.21*	
		For Class 54 Rating, Add	*487.98*	
		For Class 55 Rating, Add	*730.81*	
		For Class 56 Rating, Add	*970.46*	
40 05 19 00-1315	EA	18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,292.25	575.48
		For Class 52 Rating, Deduct	*-376.23*	
		For Class 54 Rating, Add	*523.51*	
		For Class 55 Rating, Add	*783.66*	
		For Class 56 Rating, Add	*1,040.38*	
40 05 19 00-1316	EA	18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,532.71	578.06
		For Class 52 Rating, Deduct	*-402.26*	
		For Class 54 Rating, Add	*559.04*	
		For Class 55 Rating, Add	*836.50*	
		For Class 56 Rating, Add	*1,110.31*	
40 05 19 00-1317	EA	18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,773.19	580.63
		For Class 52 Rating, Deduct	*-428.28*	
		For Class 54 Rating, Add	*594.57*	
		For Class 55 Rating, Add	*889.35*	
		For Class 56 Rating, Add	*1,180.24*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1318	EA	18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,013.65	583.20
		For Class 52 Rating, Deduct	*-454.30*	
		For Class 54 Rating, Add	*630.10*	
		For Class 55 Rating, Add	*942.20*	
		For Class 56 Rating, Add	*1,250.16*	
40 05 19 00-1319	EA	18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,254.11	585.79
		For Class 52 Rating, Deduct	*-480.32*	
		For Class 54 Rating, Add	*665.63*	
		For Class 55 Rating, Add	*995.04*	
		For Class 56 Rating, Add	*1,320.09*	
40 05 19 00-1320	EA	18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,494.59	588.36
		For Class 52 Rating, Deduct	*-506.34*	
		For Class 54 Rating, Add	*701.17*	
		For Class 55 Rating, Add	*1,047.89*	
		For Class 56 Rating, Add	*1,390.02*	
40 05 19 00-1321	EA	18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,735.05	590.93
		For Class 52 Rating, Deduct	*-532.37*	
		For Class 54 Rating, Add	*736.70*	
		For Class 55 Rating, Add	*1,100.74*	
		For Class 56 Rating, Add	*1,459.94*	
40 05 19 00-1322	EA	18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,975.51	593.51
		For Class 52 Rating, Deduct	*-558.39*	
		For Class 54 Rating, Add	*772.23*	
		For Class 55 Rating, Add	*1,153.59*	
		For Class 56 Rating, Add	*1,529.87*	
40 05 19 00-1323	EA	18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,215.98	596.09
		For Class 52 Rating, Deduct	*-584.41*	
		For Class 54 Rating, Add	*807.76*	
		For Class 55 Rating, Add	*1,206.43*	
		For Class 56 Rating, Add	*1,599.80*	
40 05 19 00-1324	EA	18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,456.45	598.66
		For Class 52 Rating, Deduct	*-610.43*	
		For Class 54 Rating, Add	*843.29*	
		For Class 55 Rating, Add	*1,259.28*	
		For Class 56 Rating, Add	*1,669.72*	
40 05 19 00-1325	EA	18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,696.91	601.24
		For Class 52 Rating, Deduct	*-636.45*	
		For Class 54 Rating, Add	*878.82*	
		For Class 55 Rating, Add	*1,312.13*	
		For Class 56 Rating, Add	*1,739.65*	
40 05 19 00-1326	EA	18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,937.38	603.82
		For Class 52 Rating, Deduct	*-662.48*	
		For Class 54 Rating, Add	*914.35*	
		For Class 55 Rating, Add	*1,364.97*	
		For Class 56 Rating, Add	*1,809.57*	
40 05 19 00-1327	EA	18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,177.85	606.39
		For Class 52 Rating, Deduct	*-688.50*	
		For Class 54 Rating, Add	*949.89*	
		For Class 55 Rating, Add	*1,417.82*	
		For Class 56 Rating, Add	*1,879.50*	
40 05 19 00-1328	EA	18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,418.32	608.96
		For Class 52 Rating, Deduct	*-714.52*	
		For Class 54 Rating, Add	*985.42*	
		For Class 55 Rating, Add	*1,470.67*	
		For Class 56 Rating, Add	*1,949.43*	
40 05 19 00-1329	EA	18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,658.77	611.54
		For Class 52 Rating, Deduct	*-740.54*	
		For Class 54 Rating, Add	*1,020.95*	
		For Class 55 Rating, Add	*1,523.52*	
		For Class 56 Rating, Add	*2,019.35*	
40 05 19 00-1330	EA	18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,899.24	614.13
		For Class 52 Rating, Deduct	*-766.56*	
		For Class 54 Rating, Add	*1,056.48*	
		For Class 55 Rating, Add	*1,576.37*	
		For Class 56 Rating, Add	*2,089.28*	
40 05 19 00-1331	EA	18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,139.71	616.69
		For Class 52 Rating, Deduct	*-792.59*	
		For Class 54 Rating, Add	*1,092.01*	
		For Class 55 Rating, Add	*1,629.21*	
		For Class 56 Rating, Add	*2,159.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1332	EA	18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,380.17	619.27
		For Class 52 Rating, Deduct	*-818.61*	
		For Class 54 Rating, Add	*1,127.54*	
		For Class 55 Rating, Add	*1,682.06*	
		For Class 56 Rating, Add	*2,229.13*	
40 05 19 00-1333	EA	18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,620.65	621.85
		For Class 52 Rating, Deduct	*-844.63*	
		For Class 54 Rating, Add	*1,163.07*	
		For Class 55 Rating, Add	*1,734.91*	
		For Class 56 Rating, Add	*2,299.06*	
40 05 19 00-1334	EA	18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,861.11	624.43
		For Class 52 Rating, Deduct	*-870.65*	
		For Class 54 Rating, Add	*1,198.60*	
		For Class 55 Rating, Add	*1,787.75*	
		For Class 56 Rating, Add	*2,368.99*	
40 05 19 00-1335	EA	18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,101.57	627.00
		For Class 52 Rating, Deduct	*-896.67*	
		For Class 54 Rating, Add	*1,234.14*	
		For Class 55 Rating, Add	*1,840.60*	
		For Class 56 Rating, Add	*2,438.91*	
40 05 19 00-1336	EA	18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,342.04	629.57
		For Class 52 Rating, Deduct	*-922.70*	
		For Class 54 Rating, Add	*1,269.67*	
		For Class 55 Rating, Add	*1,893.45*	
		For Class 56 Rating, Add	*2,508.84*	
40 05 19 00-1337	EA	18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,582.51	632.16
		For Class 52 Rating, Deduct	*-948.72*	
		For Class 54 Rating, Add	*1,305.20*	
		For Class 55 Rating, Add	*1,946.30*	
		For Class 56 Rating, Add	*2,578.77*	
40 05 19 00-1338	EA	18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,822.97	634.72
		For Class 52 Rating, Deduct	*-974.74*	
		For Class 54 Rating, Add	*1,340.73*	
		For Class 55 Rating, Add	*1,999.14*	
		For Class 56 Rating, Add	*2,648.69*	
40 05 19 00-1339	EA	18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,063.44	637.30
		For Class 52 Rating, Deduct	*-1,000.76*	
		For Class 54 Rating, Add	*1,376.26*	
		For Class 55 Rating, Add	*2,051.99*	
		For Class 56 Rating, Add	*2,718.62*	
40 05 19 00-1340	EA	18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,303.91	639.89
		For Class 52 Rating, Deduct	*-1,026.78*	
		For Class 54 Rating, Add	*1,411.79*	
		For Class 55 Rating, Add	*2,104.84*	
		For Class 56 Rating, Add	*2,788.55*	
40 05 19 00-1341	EA	18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,544.37	642.46
		For Class 52 Rating, Deduct	*-1,052.80*	
		For Class 54 Rating, Add	*1,447.32*	
		For Class 55 Rating, Add	*2,157.68*	
		For Class 56 Rating, Add	*2,858.47*	
40 05 19 00-1342	EA	18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,784.84	645.03
		For Class 52 Rating, Deduct	*-1,078.83*	
		For Class 54 Rating, Add	*1,482.86*	
		For Class 55 Rating, Add	*2,210.53*	
		For Class 56 Rating, Add	*2,928.40*	
40 05 19 00-1343	EA	18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,025.30	647.60
		For Class 52 Rating, Deduct	*-1,104.85*	
		For Class 54 Rating, Add	*1,518.39*	
		For Class 55 Rating, Add	*2,263.38*	
		For Class 56 Rating, Add	*2,998.33*	
40 05 19 00-1344	EA	18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,265.77	650.19
		For Class 52 Rating, Deduct	*-1,130.87*	
		For Class 54 Rating, Add	*1,553.92*	
		For Class 55 Rating, Add	*2,316.23*	
		For Class 56 Rating, Add	*3,068.25*	
40 05 19 00-1345	EA	18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,506.24	652.76
		For Class 52 Rating, Deduct	*-1,156.89*	
		For Class 54 Rating, Add	*1,589.45*	
		For Class 55 Rating, Add	*2,369.07*	
		For Class 56 Rating, Add	*3,138.18*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1346		20" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*			
40 05 19 00-1347	EA	20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,041.86	636.28
		For Class 52 Rating, Deduct		*-228.56*	
		For Class 54 Rating, Add		*323.24*	
		For Class 55 Rating, Add		*486.49*	
		For Class 56 Rating, Add		*647.66*	
40 05 19 00-1348	EA	20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,317.82	638.85
		For Class 52 Rating, Deduct		*-258.48*	
		For Class 54 Rating, Add		*364.09*	
		For Class 55 Rating, Add		*547.25*	
		For Class 56 Rating, Add		*728.06*	
40 05 19 00-1349	EA	20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,593.76	641.42
		For Class 52 Rating, Deduct		*-288.41*	
		For Class 54 Rating, Add		*404.95*	
		For Class 55 Rating, Add		*608.01*	
		For Class 56 Rating, Add		*808.45*	
40 05 19 00-1350	EA	20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,869.72	644.00
		For Class 52 Rating, Deduct		*-318.34*	
		For Class 54 Rating, Add		*445.80*	
		For Class 55 Rating, Add		*668.77*	
		For Class 56 Rating, Add		*888.85*	
40 05 19 00-1351	EA	20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,145.66	646.58
		For Class 52 Rating, Deduct		*-348.26*	
		For Class 54 Rating, Add		*486.66*	
		For Class 55 Rating, Add		*729.53*	
		For Class 56 Rating, Add		*969.24*	
40 05 19 00-1352	EA	20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,421.62	649.15
		For Class 52 Rating, Deduct		*-378.19*	
		For Class 54 Rating, Add		*527.51*	
		For Class 55 Rating, Add		*790.29*	
		For Class 56 Rating, Add		*1,049.63*	
40 05 19 00-1353	EA	20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,697.57	651.73
		For Class 52 Rating, Deduct		*-408.11*	
		For Class 54 Rating, Add		*568.36*	
		For Class 55 Rating, Add		*851.05*	
		For Class 56 Rating, Add		*1,130.03*	
40 05 19 00-1354	EA	20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,973.52	654.31
		For Class 52 Rating, Deduct		*-438.04*	
		For Class 54 Rating, Add		*609.22*	
		For Class 55 Rating, Add		*911.81*	
		For Class 56 Rating, Add		*1,210.42*	
40 05 19 00-1355	EA	20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,249.47	656.88
		For Class 52 Rating, Deduct		*-467.96*	
		For Class 54 Rating, Add		*650.07*	
		For Class 55 Rating, Add		*972.57*	
		For Class 56 Rating, Add		*1,290.82*	
40 05 19 00-1356	EA	20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,525.41	659.45
		For Class 52 Rating, Deduct		*-497.89*	
		For Class 54 Rating, Add		*690.93*	
		For Class 55 Rating, Add		*1,033.33*	
		For Class 56 Rating, Add		*1,371.21*	
40 05 19 00-1357	EA	20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,801.37	662.04
		For Class 52 Rating, Deduct		*-527.81*	
		For Class 54 Rating, Add		*731.78*	
		For Class 55 Rating, Add		*1,094.09*	
		For Class 56 Rating, Add		*1,451.61*	
40 05 19 00-1358	EA	20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,077.32	664.61
		For Class 52 Rating, Deduct		*-557.74*	
		For Class 54 Rating, Add		*772.63*	
		For Class 55 Rating, Add		*1,154.85*	
		For Class 56 Rating, Add		*1,532.00*	
40 05 19 00-1359	EA	20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,353.28	667.18
		For Class 52 Rating, Deduct		*-587.66*	
		For Class 54 Rating, Add		*813.49*	
		For Class 55 Rating, Add		*1,215.61*	
		For Class 56 Rating, Add		*1,612.40*	
40 05 19 00-1360	EA	20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,629.22	669.76
		For Class 52 Rating, Deduct		*-617.59*	
		For Class 54 Rating, Add		*854.34*	
		For Class 55 Rating, Add		*1,276.37*	
		For Class 56 Rating, Add		*1,692.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1361	EA	20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,905.18	672.34
		For Class 52 Rating, Deduct	*-647.51*	
		For Class 54 Rating, Add	*895.20*	
		For Class 55 Rating, Add	*1,337.13*	
		For Class 56 Rating, Add	*1,773.18*	
40 05 19 00-1362	EA	20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,181.13	674.92
		For Class 52 Rating, Deduct	*-677.44*	
		For Class 54 Rating, Add	*936.05*	
		For Class 55 Rating, Add	*1,397.89*	
		For Class 56 Rating, Add	*1,853.58*	
40 05 19 00-1363	EA	20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,457.07	677.48
		For Class 52 Rating, Deduct	*-707.36*	
		For Class 54 Rating, Add	*976.90*	
		For Class 55 Rating, Add	*1,458.66*	
		For Class 56 Rating, Add	*1,933.97*	
40 05 19 00-1364	EA	20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,733.02	680.07
		For Class 52 Rating, Deduct	*-737.29*	
		For Class 54 Rating, Add	*1,017.76*	
		For Class 55 Rating, Add	*1,519.41*	
		For Class 56 Rating, Add	*2,014.37*	
40 05 19 00-1365	EA	20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,008.97	682.64
		For Class 52 Rating, Deduct	*-767.21*	
		For Class 54 Rating, Add	*1,058.61*	
		For Class 55 Rating, Add	*1,580.17*	
		For Class 56 Rating, Add	*2,094.76*	
40 05 19 00-1366	EA	20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,284.93	685.22
		For Class 52 Rating, Deduct	*-797.14*	
		For Class 54 Rating, Add	*1,099.47*	
		For Class 55 Rating, Add	*1,640.94*	
		For Class 56 Rating, Add	*2,175.16*	
40 05 19 00-1367	EA	20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,560.88	687.79
		For Class 52 Rating, Deduct	*-827.06*	
		For Class 54 Rating, Add	*1,140.32*	
		For Class 55 Rating, Add	*1,701.70*	
		For Class 56 Rating, Add	*2,255.55*	
40 05 19 00-1368	EA	20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,836.83	690.37
		For Class 52 Rating, Deduct	*-856.99*	
		For Class 54 Rating, Add	*1,181.17*	
		For Class 55 Rating, Add	*1,762.46*	
		For Class 56 Rating, Add	*2,335.95*	
40 05 19 00-1369	EA	20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,112.78	692.95
		For Class 52 Rating, Deduct	*-886.91*	
		For Class 54 Rating, Add	*1,222.03*	
		For Class 55 Rating, Add	*1,823.22*	
		For Class 56 Rating, Add	*2,416.34*	
40 05 19 00-1370	EA	20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,388.73	695.51
		For Class 52 Rating, Deduct	*-916.84*	
		For Class 54 Rating, Add	*1,262.88*	
		For Class 55 Rating, Add	*1,883.98*	
		For Class 56 Rating, Add	*2,496.74*	
40 05 19 00-1371	EA	20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,664.68	698.10
		For Class 52 Rating, Deduct	*-946.77*	
		For Class 54 Rating, Add	*1,303.74*	
		For Class 55 Rating, Add	*1,944.74*	
		For Class 56 Rating, Add	*2,577.13*	
40 05 19 00-1372	EA	20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,940.64	700.67
		For Class 52 Rating, Deduct	*-976.69*	
		For Class 54 Rating, Add	*1,344.59*	
		For Class 55 Rating, Add	*2,005.50*	
		For Class 56 Rating, Add	*2,657.53*	
40 05 19 00-1373	EA	20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,216.58	703.25
		For Class 52 Rating, Deduct	*-1,006.62*	
		For Class 54 Rating, Add	*1,385.44*	
		For Class 55 Rating, Add	*2,066.26*	
		For Class 56 Rating, Add	*2,737.92*	
40 05 19 00-1374	EA	20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,492.53	705.83
		For Class 52 Rating, Deduct	*-1,036.54*	
		For Class 54 Rating, Add	*1,426.30*	
		For Class 55 Rating, Add	*2,127.02*	
		For Class 56 Rating, Add	*2,818.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1375	EA	20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,768.49	708.40
		For Class 52 Rating, Deduct	*-1,066.47*	
		For Class 54 Rating, Add	*1,467.15*	
		For Class 55 Rating, Add	*2,187.78*	
		For Class 56 Rating, Add	*2,898.71*	
40 05 19 00-1376	EA	20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,044.43	710.98
		For Class 52 Rating, Deduct	*-1,096.39*	
		For Class 54 Rating, Add	*1,508.01*	
		For Class 55 Rating, Add	*2,248.54*	
		For Class 56 Rating, Add	*2,979.10*	
40 05 19 00-1377	EA	20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,320.38	713.54
		For Class 52 Rating, Deduct	*-1,126.32*	
		For Class 54 Rating, Add	*1,548.86*	
		For Class 55 Rating, Add	*2,309.30*	
		For Class 56 Rating, Add	*3,059.50*	
40 05 19 00-1378	EA	20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,596.33	716.13
		For Class 52 Rating, Deduct	*-1,156.24*	
		For Class 54 Rating, Add	*1,589.71*	
		For Class 55 Rating, Add	*2,370.06*	
		For Class 56 Rating, Add	*3,139.89*	
40 05 19 00-1379	EA	20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,872.29	718.71
		For Class 52 Rating, Deduct	*-1,186.17*	
		For Class 54 Rating, Add	*1,630.57*	
		For Class 55 Rating, Add	*2,430.82*	
		For Class 56 Rating, Add	*3,220.29*	
40 05 19 00-1380	EA	20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,148.24	721.28
		For Class 52 Rating, Deduct	*-1,216.09*	
		For Class 54 Rating, Add	*1,671.42*	
		For Class 55 Rating, Add	*2,491.58*	
		For Class 56 Rating, Add	*3,300.68*	
40 05 19 00-1381	EA	20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,424.19	723.86
		For Class 52 Rating, Deduct	*-1,246.02*	
		For Class 54 Rating, Add	*1,712.28*	
		For Class 55 Rating, Add	*2,552.34*	
		For Class 56 Rating, Add	*3,381.08*	
40 05 19 00-1382	EA	20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,700.14	726.43
		For Class 52 Rating, Deduct	*-1,275.94*	
		For Class 54 Rating, Add	*1,753.13*	
		For Class 55 Rating, Add	*2,613.10*	
		For Class 56 Rating, Add	*3,461.47*	
40 05 19 00-1383	EA	20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,976.08	729.01
		For Class 52 Rating, Deduct	*-1,305.87*	
		For Class 54 Rating, Add	*1,793.98*	
		For Class 55 Rating, Add	*2,673.86*	
		For Class 56 Rating, Add	*3,541.87*	
40 05 19 00-1384	EA	20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,252.04	731.58
		For Class 52 Rating, Deduct	*-1,335.79*	
		For Class 54 Rating, Add	*1,834.84*	
		For Class 55 Rating, Add	*2,734.62*	
		For Class 56 Rating, Add	*3,622.26*	

40 05 19 00-1385 24" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1386	EA	24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,734.00	752.19
		For Class 52 Rating, Deduct	*-285.37*	
		For Class 54 Rating, Add	*402.82*	
		For Class 55 Rating, Add	*605.88*	
		For Class 56 Rating, Add	*806.35*	
40 05 19 00-1387	EA	24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,075.00	754.77
		For Class 52 Rating, Deduct	*-322.46*	
		For Class 54 Rating, Add	*453.43*	
		For Class 55 Rating, Add	*681.15*	
		For Class 56 Rating, Add	*905.94*	
40 05 19 00-1388	EA	24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,416.00	757.35
		For Class 52 Rating, Deduct	*-359.54*	
		For Class 54 Rating, Add	*504.05*	
		For Class 55 Rating, Add	*756.42*	
		For Class 56 Rating, Add	*1,005.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1389	EA	24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,757.02	759.91
		For Class 52 Rating, Deduct	*-396.62*	
		For Class 54 Rating, Add	*554.66*	
		For Class 55 Rating, Add	*831.69*	
		For Class 56 Rating, Add	*1,105.11*	
40 05 19 00-1390	EA	24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,098.02	762.50
		For Class 52 Rating, Deduct	*-433.70*	
		For Class 54 Rating, Add	*605.27*	
		For Class 55 Rating, Add	*906.95*	
		For Class 56 Rating, Add	*1,204.69*	
40 05 19 00-1391	EA	24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,439.02	765.07
		For Class 52 Rating, Deduct	*-470.78*	
		For Class 54 Rating, Add	*655.88*	
		For Class 55 Rating, Add	*982.22*	
		For Class 56 Rating, Add	*1,304.28*	
40 05 19 00-1392	EA	24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,780.03	767.65
		For Class 52 Rating, Deduct	*-507.86*	
		For Class 54 Rating, Add	*706.50*	
		For Class 55 Rating, Add	*1,057.49*	
		For Class 56 Rating, Add	*1,403.87*	
40 05 19 00-1393	EA	24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,121.04	770.23
		For Class 52 Rating, Deduct	*-544.94*	
		For Class 54 Rating, Add	*757.11*	
		For Class 55 Rating, Add	*1,132.76*	
		For Class 56 Rating, Add	*1,503.45*	
40 05 19 00-1394	EA	24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,462.04	772.80
		For Class 52 Rating, Deduct	*-582.02*	
		For Class 54 Rating, Add	*807.72*	
		For Class 55 Rating, Add	*1,208.02*	
		For Class 56 Rating, Add	*1,603.04*	
40 05 19 00-1395	EA	24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,803.05	775.38
		For Class 52 Rating, Deduct	*-619.11*	
		For Class 54 Rating, Add	*858.33*	
		For Class 55 Rating, Add	*1,283.29*	
		For Class 56 Rating, Add	*1,702.62*	
40 05 19 00-1396	EA	24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,144.06	777.94
		For Class 52 Rating, Deduct	*-656.19*	
		For Class 54 Rating, Add	*908.95*	
		For Class 55 Rating, Add	*1,358.56*	
		For Class 56 Rating, Add	*1,802.21*	
40 05 19 00-1397	EA	24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,485.07	780.53
		For Class 52 Rating, Deduct	*-693.27*	
		For Class 54 Rating, Add	*959.56*	
		For Class 55 Rating, Add	*1,433.83*	
		For Class 56 Rating, Add	*1,901.79*	
40 05 19 00-1398	EA	24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,826.06	783.11
		For Class 52 Rating, Deduct	*-730.35*	
		For Class 54 Rating, Add	*1,010.17*	
		For Class 55 Rating, Add	*1,509.09*	
		For Class 56 Rating, Add	*2,001.38*	
40 05 19 00-1399	EA	24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,167.06	785.68
		For Class 52 Rating, Deduct	*-767.43*	
		For Class 54 Rating, Add	*1,060.78*	
		For Class 55 Rating, Add	*1,584.36*	
		For Class 56 Rating, Add	*2,100.96*	
40 05 19 00-1400	EA	24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,508.08	788.26
		For Class 52 Rating, Deduct	*-804.51*	
		For Class 54 Rating, Add	*1,111.39*	
		For Class 55 Rating, Add	*1,659.63*	
		For Class 56 Rating, Add	*2,200.55*	
40 05 19 00-1401	EA	24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,849.08	790.83
		For Class 52 Rating, Deduct	*-841.59*	
		For Class 54 Rating, Add	*1,162.01*	
		For Class 55 Rating, Add	*1,734.90*	
		For Class 56 Rating, Add	*2,300.14*	
40 05 19 00-1402	EA	24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,190.09	793.41
		For Class 52 Rating, Deduct	*-878.67*	
		For Class 54 Rating, Add	*1,212.62*	
		For Class 55 Rating, Add	*1,810.16*	
		For Class 56 Rating, Add	*2,399.72*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1403	EA	24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,531.09	795.98
		For Class 52 Rating, Deduct	*-915.76*	
		For Class 54 Rating, Add	*1,263.23*	
		For Class 55 Rating, Add	*1,885.43*	
		For Class 56 Rating, Add	*2,499.31*	
40 05 19 00-1404	EA	24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,872.10	798.56
		For Class 52 Rating, Deduct	*-952.84*	
		For Class 54 Rating, Add	*1,313.84*	
		For Class 55 Rating, Add	*1,960.70*	
		For Class 56 Rating, Add	*2,598.90*	
40 05 19 00-1405	EA	24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,213.10	801.14
		For Class 52 Rating, Deduct	*-989.92*	
		For Class 54 Rating, Add	*1,364.46*	
		For Class 55 Rating, Add	*2,035.97*	
		For Class 56 Rating, Add	*2,698.48*	
40 05 19 00-1406	EA	24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,554.11	803.71
		For Class 52 Rating, Deduct	*-1,027.00*	
		For Class 54 Rating, Add	*1,415.07*	
		For Class 55 Rating, Add	*2,111.23*	
		For Class 56 Rating, Add	*2,798.07*	
40 05 19 00-1407	EA	24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,895.11	806.29
		For Class 52 Rating, Deduct	*-1,064.08*	
		For Class 54 Rating, Add	*1,465.68*	
		For Class 55 Rating, Add	*2,186.50*	
		For Class 56 Rating, Add	*2,897.65*	
40 05 19 00-1408	EA	24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,236.12	808.87
		For Class 52 Rating, Deduct	*-1,101.16*	
		For Class 54 Rating, Add	*1,516.29*	
		For Class 55 Rating, Add	*2,261.77*	
		For Class 56 Rating, Add	*2,997.24*	
40 05 19 00-1409	EA	24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,577.13	811.44
		For Class 52 Rating, Deduct	*-1,138.24*	
		For Class 54 Rating, Add	*1,566.90*	
		For Class 55 Rating, Add	*2,337.04*	
		For Class 56 Rating, Add	*3,096.82*	
40 05 19 00-1410	EA	24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,918.13	814.03
		For Class 52 Rating, Deduct	*-1,175.32*	
		For Class 54 Rating, Add	*1,617.52*	
		For Class 55 Rating, Add	*2,412.30*	
		For Class 56 Rating, Add	*3,196.41*	
40 05 19 00-1411	EA	24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,259.13	816.59
		For Class 52 Rating, Deduct	*-1,212.41*	
		For Class 54 Rating, Add	*1,668.13*	
		For Class 55 Rating, Add	*2,487.57*	
		For Class 56 Rating, Add	*3,295.99*	
40 05 19 00-1412	EA	24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,600.14	819.17
		For Class 52 Rating, Deduct	*-1,249.49*	
		For Class 54 Rating, Add	*1,718.74*	
		For Class 55 Rating, Add	*2,562.84*	
		For Class 56 Rating, Add	*3,395.58*	
40 05 19 00-1413	EA	24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,941.15	821.75
		For Class 52 Rating, Deduct	*-1,286.57*	
		For Class 54 Rating, Add	*1,769.35*	
		For Class 55 Rating, Add	*2,638.11*	
		For Class 56 Rating, Add	*3,495.17*	
40 05 19 00-1414	EA	24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,282.15	824.32
		For Class 52 Rating, Deduct	*-1,323.65*	
		For Class 54 Rating, Add	*1,819.96*	
		For Class 55 Rating, Add	*2,713.37*	
		For Class 56 Rating, Add	*3,594.75*	
40 05 19 00-1415	EA	24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,689.50	870.69
		For Class 52 Rating, Deduct	*-1,360.73*	
		For Class 54 Rating, Add	*1,871.37*	
		For Class 55 Rating, Add	*2,790.23*	
		For Class 56 Rating, Add	*3,696.72*	
40 05 19 00-1416	EA	24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,030.52	873.26
		For Class 52 Rating, Deduct	*-1,397.81*	
		For Class 54 Rating, Add	*1,921.99*	
		For Class 55 Rating, Add	*2,865.50*	
		For Class 56 Rating, Add	*3,796.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1417	EA	24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,371.52	875.84
		For Class 52 Rating, Deduct	*-1,434.89*	
		For Class 54 Rating, Add	*1,972.60*	
		For Class 55 Rating, Add	*2,940.77*	
		For Class 56 Rating, Add	*3,895.90*	
40 05 19 00-1418	EA	24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,712.53	878.43
		For Class 52 Rating, Deduct	*-1,471.97*	
		For Class 54 Rating, Add	*2,023.21*	
		For Class 55 Rating, Add	*3,016.04*	
		For Class 56 Rating, Add	*3,995.48*	
40 05 19 00-1419	EA	24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,053.53	880.99
		For Class 52 Rating, Deduct	*-1,509.06*	
		For Class 54 Rating, Add	*2,073.82*	
		For Class 55 Rating, Add	*3,091.30*	
		For Class 56 Rating, Add	*4,095.07*	
40 05 19 00-1420	EA	24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,394.55	883.57
		For Class 52 Rating, Deduct	*-1,546.14*	
		For Class 54 Rating, Add	*2,124.44*	
		For Class 55 Rating, Add	*3,166.57*	
		For Class 56 Rating, Add	*4,194.66*	
40 05 19 00-1421	EA	24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,735.54	886.14
		For Class 52 Rating, Deduct	*-1,583.22*	
		For Class 54 Rating, Add	*2,175.05*	
		For Class 55 Rating, Add	*3,241.84*	
		For Class 56 Rating, Add	*4,294.24*	
40 05 19 00-1422	EA	24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,076.54	888.72
		For Class 52 Rating, Deduct	*-1,620.30*	
		For Class 54 Rating, Add	*2,225.66*	
		For Class 55 Rating, Add	*3,317.11*	
		For Class 56 Rating, Add	*4,393.83*	
40 05 19 00-1423	EA	24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,417.55	891.30
		For Class 52 Rating, Deduct	*-1,657.38*	
		For Class 54 Rating, Add	*2,276.27*	
		For Class 55 Rating, Add	*3,392.37*	
		For Class 56 Rating, Add	*4,493.41*	
40 05 19 00-1424		30" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1425	EA	30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,708.49	1,061.32
		For Class 52 Rating, Deduct	*-451.05*	
		For Class 54 Rating, Add	*634.36*	
		For Class 55 Rating, Add	*952.99*	
		For Class 56 Rating, Add	*1,267.52*	
40 05 19 00-1426	EA	30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,199.30	1,063.89
		For Class 52 Rating, Deduct	*-504.61*	
		For Class 54 Rating, Add	*707.45*	
		For Class 55 Rating, Add	*1,061.67*	
		For Class 56 Rating, Add	*1,411.30*	
40 05 19 00-1427	EA	30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,690.14	1,066.46
		For Class 52 Rating, Deduct	*-558.17*	
		For Class 54 Rating, Add	*780.53*	
		For Class 55 Rating, Add	*1,170.35*	
		For Class 56 Rating, Add	*1,555.08*	
40 05 19 00-1428	EA	30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,180.97	1,069.05
		For Class 52 Rating, Deduct	*-611.73*	
		For Class 54 Rating, Add	*853.62*	
		For Class 55 Rating, Add	*1,279.02*	
		For Class 56 Rating, Add	*1,698.87*	
40 05 19 00-1429	EA	30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,671.79	1,071.62
		For Class 52 Rating, Deduct	*-665.29*	
		For Class 54 Rating, Add	*926.70*	
		For Class 55 Rating, Add	*1,387.70*	
		For Class 56 Rating, Add	*1,842.65*	
40 05 19 00-1430	EA	30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,162.63	1,074.19
		For Class 52 Rating, Deduct	*-718.86*	
		For Class 54 Rating, Add	*999.79*	
		For Class 55 Rating, Add	*1,496.38*	
		For Class 56 Rating, Add	*1,986.44*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1431	EA	30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,653.45	1,076.77
		For Class 52 Rating, Deduct	*-772.42*	
		For Class 54 Rating, Add	*1,072.87*	
		For Class 55 Rating, Add	*1,605.06*	
		For Class 56 Rating, Add	*2,130.22*	
40 05 19 00-1432	EA	30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,144.28	1,079.35
		For Class 52 Rating, Deduct	*-825.98*	
		For Class 54 Rating, Add	*1,145.96*	
		For Class 55 Rating, Add	*1,713.74*	
		For Class 56 Rating, Add	*2,274.00*	
40 05 19 00-1433	EA	30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,635.11	1,081.92
		For Class 52 Rating, Deduct	*-879.54*	
		For Class 54 Rating, Add	*1,219.05*	
		For Class 55 Rating, Add	*1,822.41*	
		For Class 56 Rating, Add	*2,417.79*	
40 05 19 00-1434	EA	30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,125.94	1,084.49
		For Class 52 Rating, Deduct	*-933.10*	
		For Class 54 Rating, Add	*1,292.13*	
		For Class 55 Rating, Add	*1,931.09*	
		For Class 56 Rating, Add	*2,561.57*	
40 05 19 00-1435	EA	30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,616.77	1,087.07
		For Class 52 Rating, Deduct	*-986.67*	
		For Class 54 Rating, Add	*1,365.22*	
		For Class 55 Rating, Add	*2,039.77*	
		For Class 56 Rating, Add	*2,705.35*	
40 05 19 00-1436	EA	30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,107.60	1,089.66
		For Class 52 Rating, Deduct	*-1,040.23*	
		For Class 54 Rating, Add	*1,438.30*	
		For Class 55 Rating, Add	*2,148.45*	
		For Class 56 Rating, Add	*2,849.14*	
40 05 19 00-1437	EA	30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,598.43	1,092.22
		For Class 52 Rating, Deduct	*-1,093.79*	
		For Class 54 Rating, Add	*1,511.39*	
		For Class 55 Rating, Add	*2,257.13*	
		For Class 56 Rating, Add	*2,992.92*	
40 05 19 00-1438	EA	30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,089.26	1,094.80
		For Class 52 Rating, Deduct	*-1,147.35*	
		For Class 54 Rating, Add	*1,584.48*	
		For Class 55 Rating, Add	*2,365.81*	
		For Class 56 Rating, Add	*3,136.71*	
40 05 19 00-1439	EA	30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,580.08	1,097.38
		For Class 52 Rating, Deduct	*-1,200.91*	
		For Class 54 Rating, Add	*1,657.56*	
		For Class 55 Rating, Add	*2,474.48*	
		For Class 56 Rating, Add	*3,280.49*	
40 05 19 00-1440	EA	30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,070.91	1,099.95
		For Class 52 Rating, Deduct	*-1,254.48*	
		For Class 54 Rating, Add	*1,730.65*	
		For Class 55 Rating, Add	*2,583.16*	
		For Class 56 Rating, Add	*3,424.27*	
40 05 19 00-1441	EA	30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,561.74	1,102.53
		For Class 52 Rating, Deduct	*-1,308.04*	
		For Class 54 Rating, Add	*1,803.73*	
		For Class 55 Rating, Add	*2,691.84*	
		For Class 56 Rating, Add	*3,568.05*	
40 05 19 00-1442	EA	30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,052.57	1,105.10
		For Class 52 Rating, Deduct	*-1,361.60*	
		For Class 54 Rating, Add	*1,876.82*	
		For Class 55 Rating, Add	*2,800.52*	
		For Class 56 Rating, Add	*3,711.84*	
40 05 19 00-1443	EA	30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,543.41	1,107.69
		For Class 52 Rating, Deduct	*-1,415.16*	
		For Class 54 Rating, Add	*1,949.90*	
		For Class 55 Rating, Add	*2,909.20*	
		For Class 56 Rating, Add	*3,855.62*	
40 05 19 00-1444	EA	30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,034.23	1,110.25
		For Class 52 Rating, Deduct	*-1,468.72*	
		For Class 54 Rating, Add	*2,022.99*	
		For Class 55 Rating, Add	*3,017.87*	
		For Class 56 Rating, Add	*3,999.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1445	EA	30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,525.07	1,112.83
		For Class 52 Rating, Deduct	*-1,522.28*	
		For Class 54 Rating, Add	*2,096.08*	
		For Class 55 Rating, Add	*3,126.55*	
		For Class 56 Rating, Add	*4,143.19*	
40 05 19 00-1446	EA	30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,015.88	1,115.42
		For Class 52 Rating, Deduct	*-1,575.85*	
		For Class 54 Rating, Add	*2,169.16*	
		For Class 55 Rating, Add	*3,235.23*	
		For Class 56 Rating, Add	*4,286.97*	
40 05 19 00-1447	EA	30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,506.72	1,117.98
		For Class 52 Rating, Deduct	*-1,629.41*	
		For Class 54 Rating, Add	*2,242.25*	
		For Class 55 Rating, Add	*3,343.91*	
		For Class 56 Rating, Add	*4,430.76*	
40 05 19 00-1448	EA	30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,997.54	1,120.56
		For Class 52 Rating, Deduct	*-1,682.97*	
		For Class 54 Rating, Add	*2,315.33*	
		For Class 55 Rating, Add	*3,452.59*	
		For Class 56 Rating, Add	*4,574.54*	
40 05 19 00-1449	EA	30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,488.37	1,123.13
		For Class 52 Rating, Deduct	*-1,736.53*	
		For Class 54 Rating, Add	*2,388.42*	
		For Class 55 Rating, Add	*3,561.26*	
		For Class 56 Rating, Add	*4,718.32*	
40 05 19 00-1450	EA	30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,979.21	1,125.72
		For Class 52 Rating, Deduct	*-1,790.09*	
		For Class 54 Rating, Add	*2,461.50*	
		For Class 55 Rating, Add	*3,669.94*	
		For Class 56 Rating, Add	*4,862.11*	
40 05 19 00-1451	EA	30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,470.03	1,128.29
		For Class 52 Rating, Deduct	*-1,843.66*	
		For Class 54 Rating, Add	*2,534.59*	
		For Class 55 Rating, Add	*3,778.62*	
		For Class 56 Rating, Add	*5,005.89*	
40 05 19 00-1452	EA	30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,960.87	1,130.86
		For Class 52 Rating, Deduct	*-1,897.22*	
		For Class 54 Rating, Add	*2,607.68*	
		For Class 55 Rating, Add	*3,887.30*	
		For Class 56 Rating, Add	*5,149.68*	
40 05 19 00-1453	EA	30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,451.68	1,133.45
		For Class 52 Rating, Deduct	*-1,950.78*	
		For Class 54 Rating, Add	*2,680.76*	
		For Class 55 Rating, Add	*3,995.98*	
		For Class 56 Rating, Add	*5,293.46*	
40 05 19 00-1454	EA	30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,942.52	1,136.02
		For Class 52 Rating, Deduct	*-2,004.34*	
		For Class 54 Rating, Add	*2,753.85*	
		For Class 55 Rating, Add	*4,104.66*	
		For Class 56 Rating, Add	*5,437.24*	
40 05 19 00-1455	EA	30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,433.35	1,138.59
		For Class 52 Rating, Deduct	*-2,057.90*	
		For Class 54 Rating, Add	*2,826.93*	
		For Class 55 Rating, Add	*4,213.33*	
		For Class 56 Rating, Add	*5,581.03*	
40 05 19 00-1456	EA	30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,924.18	1,141.17
		For Class 52 Rating, Deduct	*-2,111.46*	
		For Class 54 Rating, Add	*2,900.02*	
		For Class 55 Rating, Add	*4,322.01*	
		For Class 56 Rating, Add	*5,724.81*	
40 05 19 00-1457	EA	30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,415.01	1,143.75
		For Class 52 Rating, Deduct	*-2,165.03*	
		For Class 54 Rating, Add	*2,973.10*	
		For Class 55 Rating, Add	*4,430.69*	
		For Class 56 Rating, Add	*5,868.59*	
40 05 19 00-1458	EA	30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,905.83	1,146.32
		For Class 52 Rating, Deduct	*-2,218.59*	
		For Class 54 Rating, Add	*3,046.19*	
		For Class 55 Rating, Add	*4,539.37*	
		For Class 56 Rating, Add	*6,012.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1459	EA	30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,396.67	1,148.89
		For Class 52 Rating, Deduct	*-2,272.15*	
		For Class 54 Rating, Add	*3,119.28*	
		For Class 55 Rating, Add	*4,648.05*	
		For Class 56 Rating, Add	*6,156.16*	
40 05 19 00-1460	EA	30" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,887.49	1,151.48
		For Class 52 Rating, Deduct	*-2,325.71*	
		For Class 54 Rating, Add	*3,192.36*	
		For Class 55 Rating, Add	*4,756.72*	
		For Class 56 Rating, Add	*6,299.95*	
40 05 19 00-1461	EA	30" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,378.32	1,154.06
		For Class 52 Rating, Deduct	*-2,379.27*	
		For Class 54 Rating, Add	*3,265.45*	
		For Class 55 Rating, Add	*4,865.40*	
		For Class 56 Rating, Add	*6,443.73*	
40 05 19 00-1462	EA	30" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,869.15	1,156.62
		For Class 52 Rating, Deduct	*-2,432.84*	
		For Class 54 Rating, Add	*3,338.53*	
		For Class 55 Rating, Add	*4,974.08*	
		For Class 56 Rating, Add	*6,587.51*	

40 05 19 00-1463 36" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1464	EA	36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,876.55	1,344.68
		For Class 52 Rating, Deduct	*-642.31*	
		For Class 54 Rating, Add	*900.32*	
		For Class 55 Rating, Add	*1,351.03*	
		For Class 56 Rating, Add	*1,795.90*	
40 05 19 00-1465	EA	36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,542.84	1,347.25
		For Class 52 Rating, Deduct	*-715.17*	
		For Class 54 Rating, Add	*999.73*	
		For Class 55 Rating, Add	*1,498.84*	
		For Class 56 Rating, Add	*1,991.44*	
40 05 19 00-1466	EA	36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,209.11	1,349.82
		For Class 52 Rating, Deduct	*-788.03*	
		For Class 54 Rating, Add	*1,099.13*	
		For Class 55 Rating, Add	*1,646.64*	
		For Class 56 Rating, Add	*2,186.98*	
40 05 19 00-1467	EA	36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,875.40	1,352.41
		For Class 52 Rating, Deduct	*-860.89*	
		For Class 54 Rating, Add	*1,198.53*	
		For Class 55 Rating, Add	*1,794.44*	
		For Class 56 Rating, Add	*2,382.53*	
40 05 19 00-1468	EA	36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,541.68	1,354.98
		For Class 52 Rating, Deduct	*-933.75*	
		For Class 54 Rating, Add	*1,297.94*	
		For Class 55 Rating, Add	*1,942.25*	
		For Class 56 Rating, Add	*2,578.07*	
40 05 19 00-1469	EA	36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,207.95	1,357.55
		For Class 52 Rating, Deduct	*-1,006.62*	
		For Class 54 Rating, Add	*1,397.34*	
		For Class 55 Rating, Add	*2,090.05*	
		For Class 56 Rating, Add	*2,773.61*	
40 05 19 00-1470	EA	36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,874.23	1,360.12
		For Class 52 Rating, Deduct	*-1,079.48*	
		For Class 54 Rating, Add	*1,496.74*	
		For Class 55 Rating, Add	*2,237.85*	
		For Class 56 Rating, Add	*2,969.15*	
40 05 19 00-1471	EA	36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,540.51	1,362.71
		For Class 52 Rating, Deduct	*-1,152.34*	
		For Class 54 Rating, Add	*1,596.15*	
		For Class 55 Rating, Add	*2,385.66*	
		For Class 56 Rating, Add	*3,164.69*	
40 05 19 00-1472	EA	36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,206.79	1,365.29
		For Class 52 Rating, Deduct	*-1,225.20*	
		For Class 54 Rating, Add	*1,695.55*	
		For Class 55 Rating, Add	*2,533.46*	
		For Class 56 Rating, Add	*3,360.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1473	EA	36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,873.07	1,367.85
		For Class 52 Rating, Deduct	*-1,298.06*	
		For Class 54 Rating, Add	*1,794.95*	
		For Class 55 Rating, Add	*2,681.27*	
		For Class 56 Rating, Add	*3,555.78*	
40 05 19 00-1474	EA	36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,539.36	1,370.44
		For Class 52 Rating, Deduct	*-1,370.92*	
		For Class 54 Rating, Add	*1,894.36*	
		For Class 55 Rating, Add	*2,829.07*	
		For Class 56 Rating, Add	*3,751.32*	
40 05 19 00-1475	EA	36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,205.63	1,373.01
		For Class 52 Rating, Deduct	*-1,443.78*	
		For Class 54 Rating, Add	*1,993.76*	
		For Class 55 Rating, Add	*2,976.87*	
		For Class 56 Rating, Add	*3,946.86*	
40 05 19 00-1476	EA	36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,871.92	1,375.58
		For Class 52 Rating, Deduct	*-1,516.65*	
		For Class 54 Rating, Add	*2,093.16*	
		For Class 55 Rating, Add	*3,124.68*	
		For Class 56 Rating, Add	*4,142.40*	
40 05 19 00-1477	EA	36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,538.19	1,378.16
		For Class 52 Rating, Deduct	*-1,589.51*	
		For Class 54 Rating, Add	*2,192.57*	
		For Class 55 Rating, Add	*3,272.48*	
		For Class 56 Rating, Add	*4,337.94*	
40 05 19 00-1478	EA	36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,204.47	1,380.74
		For Class 52 Rating, Deduct	*-1,662.37*	
		For Class 54 Rating, Add	*2,291.97*	
		For Class 55 Rating, Add	*3,420.28*	
		For Class 56 Rating, Add	*4,533.49*	
40 05 19 00-1479	EA	36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,870.75	1,383.32
		For Class 52 Rating, Deduct	*-1,735.23*	
		For Class 54 Rating, Add	*2,391.37*	
		For Class 55 Rating, Add	*3,568.09*	
		For Class 56 Rating, Add	*4,729.03*	
40 05 19 00-1480	EA	36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,537.03	1,385.88
		For Class 52 Rating, Deduct	*-1,808.09*	
		For Class 54 Rating, Add	*2,490.78*	
		For Class 55 Rating, Add	*3,715.89*	
		For Class 56 Rating, Add	*4,924.57*	
40 05 19 00-1481	EA	36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,203.32	1,388.47
		For Class 52 Rating, Deduct	*-1,880.95*	
		For Class 54 Rating, Add	*2,590.18*	
		For Class 55 Rating, Add	*3,863.70*	
		For Class 56 Rating, Add	*5,120.11*	
40 05 19 00-1482	EA	36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,869.59	1,391.05
		For Class 52 Rating, Deduct	*-1,953.81*	
		For Class 54 Rating, Add	*2,689.58*	
		For Class 55 Rating, Add	*4,011.50*	
		For Class 56 Rating, Add	*5,315.65*	
40 05 19 00-1483	EA	36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,535.88	1,393.62
		For Class 52 Rating, Deduct	*-2,026.68*	
		For Class 54 Rating, Add	*2,788.99*	
		For Class 55 Rating, Add	*4,159.30*	
		For Class 56 Rating, Add	*5,511.19*	
40 05 19 00-1484	EA	36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,202.15	1,396.19
		For Class 52 Rating, Deduct	*-2,099.54*	
		For Class 54 Rating, Add	*2,888.39*	
		For Class 55 Rating, Add	*4,307.11*	
		For Class 56 Rating, Add	*5,706.74*	
40 05 19 00-1485	EA	36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,868.43	1,398.77
		For Class 52 Rating, Deduct	*-2,172.40*	
		For Class 54 Rating, Add	*2,987.79*	
		For Class 55 Rating, Add	*4,454.91*	
		For Class 56 Rating, Add	*5,902.28*	
40 05 19 00-1486	EA	36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,534.71	1,401.35
		For Class 52 Rating, Deduct	*-2,245.26*	
		For Class 54 Rating, Add	*3,087.20*	
		For Class 55 Rating, Add	*4,602.71*	
		For Class 56 Rating, Add	*6,097.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1487	EA	36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,201.00	1,403.92
		For Class 52 Rating, Deduct	*-2,318.12*	
		For Class 54 Rating, Add	*3,186.60*	
		For Class 55 Rating, Add	*4,750.52*	
		For Class 56 Rating, Add	*6,293.36*	
40 05 19 00-1488	EA	36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,867.28	1,406.50
		For Class 52 Rating, Deduct	*-2,390.98*	
		For Class 54 Rating, Add	*3,286.01*	
		For Class 55 Rating, Add	*4,898.32*	
		For Class 56 Rating, Add	*6,488.90*	
40 05 19 00-1489	EA	36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,533.55	1,409.08
		For Class 52 Rating, Deduct	*-2,463.84*	
		For Class 54 Rating, Add	*3,385.41*	
		For Class 55 Rating, Add	*5,046.12*	
		For Class 56 Rating, Add	*6,684.44*	
40 05 19 00-1490	EA	36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,199.84	1,411.65
		For Class 52 Rating, Deduct	*-2,536.71*	
		For Class 54 Rating, Add	*3,484.81*	
		For Class 55 Rating, Add	*5,193.93*	
		For Class 56 Rating, Add	*6,879.99*	
40 05 19 00-1491	EA	36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,866.11	1,414.22
		For Class 52 Rating, Deduct	*-2,609.57*	
		For Class 54 Rating, Add	*3,584.22*	
		For Class 55 Rating, Add	*5,341.73*	
		For Class 56 Rating, Add	*7,075.53*	
40 05 19 00-1492	EA	36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,532.39	1,416.81
		For Class 52 Rating, Deduct	*-2,682.43*	
		For Class 54 Rating, Add	*3,683.62*	
		For Class 55 Rating, Add	*5,489.54*	
		For Class 56 Rating, Add	*7,271.07*	
40 05 19 00-1493	EA	36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,198.67	1,419.38
		For Class 52 Rating, Deduct	*-2,755.29*	
		For Class 54 Rating, Add	*3,783.02*	
		For Class 55 Rating, Add	*5,637.34*	
		For Class 56 Rating, Add	*7,466.61*	
40 05 19 00-1494	EA	36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,864.96	1,421.95
		For Class 52 Rating, Deduct	*-2,828.15*	
		For Class 54 Rating, Add	*3,882.43*	
		For Class 55 Rating, Add	*5,785.14*	
		For Class 56 Rating, Add	*7,662.15*	
40 05 19 00-1495	EA	36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,531.23	1,424.53
		For Class 52 Rating, Deduct	*-2,901.01*	
		For Class 54 Rating, Add	*3,981.83*	
		For Class 55 Rating, Add	*5,932.95*	
		For Class 56 Rating, Add	*7,857.69*	
40 05 19 00-1496	EA	36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,197.52	1,427.11
		For Class 52 Rating, Deduct	*-2,973.88*	
		For Class 54 Rating, Add	*4,081.23*	
		For Class 55 Rating, Add	*6,080.75*	
		For Class 56 Rating, Add	*8,053.24*	
40 05 19 00-1497	EA	36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,863.80	1,429.69
		For Class 52 Rating, Deduct	*-3,046.74*	
		For Class 54 Rating, Add	*4,180.64*	
		For Class 55 Rating, Add	*6,228.56*	
		For Class 56 Rating, Add	*8,248.78*	
40 05 19 00-1498	EA	36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,530.06	1,432.25
		For Class 52 Rating, Deduct	*-3,119.60*	
		For Class 54 Rating, Add	*4,280.04*	
		For Class 55 Rating, Add	*6,376.36*	
		For Class 56 Rating, Add	*8,444.32*	
40 05 19 00-1499	EA	36" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,196.35	1,434.84
		For Class 52 Rating, Deduct	*-3,192.46*	
		For Class 54 Rating, Add	*4,379.44*	
		For Class 55 Rating, Add	*6,524.16*	
		For Class 56 Rating, Add	*8,639.86*	
40 05 19 00-1500	EA	36" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,862.63	1,437.41
		For Class 52 Rating, Deduct	*-3,265.32*	
		For Class 54 Rating, Add	*4,478.85*	
		For Class 55 Rating, Add	*6,671.97*	
		For Class 56 Rating, Add	*8,835.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1501	EA	36" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,528.92	1,439.98
		For Class 52 Rating, Deduct	*-3,338.18*	
		For Class 54 Rating, Add	*4,578.25*	
		For Class 55 Rating, Add	*6,819.77*	
		For Class 56 Rating, Add	*9,030.95*	

40 05 19 00-1502 42" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1503	EA	42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,396.46	1,695.01
		For Class 52 Rating, Deduct	*-861.11*	
		For Class 54 Rating, Add	*1,205.06*	
		For Class 55 Rating, Add	*1,807.34*	
		For Class 56 Rating, Add	*2,401.79*	
40 05 19 00-1504	EA	42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,389.99	1,697.58
		For Class 52 Rating, Deduct	*-969.97*	
		For Class 54 Rating, Add	*1,353.55*	
		For Class 55 Rating, Add	*2,028.12*	
		For Class 56 Rating, Add	*2,693.87*	
40 05 19 00-1505	EA	42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,371.69	1,700.16
		For Class 52 Rating, Deduct	*-1,077.53*	
		For Class 54 Rating, Add	*1,500.27*	
		For Class 55 Rating, Add	*2,246.26*	
		For Class 56 Rating, Add	*2,982.46*	
40 05 19 00-1506	EA	42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,363.25	1,702.74
		For Class 52 Rating, Deduct	*-1,186.17*	
		For Class 54 Rating, Add	*1,648.46*	
		For Class 55 Rating, Add	*2,466.60*	
		For Class 56 Rating, Add	*3,273.96*	
40 05 19 00-1507	EA	42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,344.94	1,705.31
		For Class 52 Rating, Deduct	*-1,293.72*	
		For Class 54 Rating, Add	*1,795.18*	
		For Class 55 Rating, Add	*2,684.74*	
		For Class 56 Rating, Add	*3,562.55*	
40 05 19 00-1508	EA	42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,338.48	1,707.89
		For Class 52 Rating, Deduct	*-1,402.58*	
		For Class 54 Rating, Add	*1,943.67*	
		For Class 55 Rating, Add	*2,905.52*	
		For Class 56 Rating, Add	*3,854.63*	
40 05 19 00-1509	EA	42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,318.19	1,710.47
		For Class 52 Rating, Deduct	*-1,509.92*	
		For Class 54 Rating, Add	*2,090.09*	
		For Class 55 Rating, Add	*3,123.23*	
		For Class 56 Rating, Add	*4,142.64*	
40 05 19 00-1510	EA	42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,311.72	1,713.04
		For Class 52 Rating, Deduct	*-1,618.78*	
		For Class 54 Rating, Add	*2,238.58*	
		For Class 55 Rating, Add	*3,344.01*	
		For Class 56 Rating, Add	*4,434.72*	
40 05 19 00-1511	EA	42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,293.42	1,715.63
		For Class 52 Rating, Deduct	*-1,726.34*	
		For Class 54 Rating, Add	*2,385.29*	
		For Class 55 Rating, Add	*3,562.15*	
		For Class 56 Rating, Add	*4,723.31*	
40 05 19 00-1512	EA	42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,284.97	1,718.19
		For Class 52 Rating, Deduct	*-1,834.98*	
		For Class 54 Rating, Add	*2,533.49*	
		For Class 55 Rating, Add	*3,782.49*	
		For Class 56 Rating, Add	*5,014.81*	
40 05 19 00-1513	EA	42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,266.67	1,720.77
		For Class 52 Rating, Deduct	*-1,942.54*	
		For Class 54 Rating, Add	*2,680.20*	
		For Class 55 Rating, Add	*4,000.63*	
		For Class 56 Rating, Add	*5,303.40*	
40 05 19 00-1514	EA	42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,258.22	1,723.35
		For Class 52 Rating, Deduct	*-2,051.18*	
		For Class 54 Rating, Add	*2,828.40*	
		For Class 55 Rating, Add	*4,220.97*	
		For Class 56 Rating, Add	*5,594.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1515	EA	42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,239.93	1,725.92
		For Class 52 Rating, Deduct	*-2,158.74*	
		For Class 54 Rating, Add	*2,975.11*	
		For Class 55 Rating, Add	*4,439.11*	
		For Class 56 Rating, Add	*5,883.48*	
40 05 19 00-1516	EA	42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,223.58	1,728.50
		For Class 52 Rating, Deduct	*-2,266.51*	
		For Class 54 Rating, Add	*3,122.12*	
		For Class 55 Rating, Add	*4,657.69*	
		For Class 56 Rating, Add	*6,172.65*	
40 05 19 00-1517	EA	42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,213.17	1,731.07
		For Class 52 Rating, Deduct	*-2,374.94*	
		For Class 54 Rating, Add	*3,270.02*	
		For Class 55 Rating, Add	*4,877.59*	
		For Class 56 Rating, Add	*6,463.57*	
40 05 19 00-1518	EA	42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,194.87	1,733.66
		For Class 52 Rating, Deduct	*-2,482.49*	
		For Class 54 Rating, Add	*3,416.74*	
		For Class 55 Rating, Add	*5,095.73*	
		For Class 56 Rating, Add	*6,752.16*	
40 05 19 00-1519	EA	42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,188.40	1,736.23
		For Class 52 Rating, Deduct	*-2,591.35*	
		For Class 54 Rating, Add	*3,565.23*	
		For Class 55 Rating, Add	*5,316.51*	
		For Class 56 Rating, Add	*7,044.24*	
40 05 19 00-1520	EA	42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,170.10	1,738.80
		For Class 52 Rating, Deduct	*-2,698.91*	
		For Class 54 Rating, Add	*3,711.95*	
		For Class 55 Rating, Add	*5,534.66*	
		For Class 56 Rating, Add	*7,332.83*	
40 05 19 00-1521	EA	42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,161.66	1,741.38
		For Class 52 Rating, Deduct	*-2,807.55*	
		For Class 54 Rating, Add	*3,860.14*	
		For Class 55 Rating, Add	*5,755.00*	
		For Class 56 Rating, Add	*7,624.33*	
40 05 19 00-1522	EA	42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,143.35	1,743.95
		For Class 52 Rating, Deduct	*-2,915.11*	
		For Class 54 Rating, Add	*4,006.86*	
		For Class 55 Rating, Add	*5,973.14*	
		For Class 56 Rating, Add	*7,912.92*	
40 05 19 00-1523	EA	42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,136.87	1,746.53
		For Class 52 Rating, Deduct	*-3,023.97*	
		For Class 54 Rating, Add	*4,155.35*	
		For Class 55 Rating, Add	*6,193.92*	
		For Class 56 Rating, Add	*8,205.00*	
40 05 19 00-1524	EA	42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,118.57	1,749.11
		For Class 52 Rating, Deduct	*-3,131.53*	
		For Class 54 Rating, Add	*4,302.06*	
		For Class 55 Rating, Add	*6,412.06*	
		For Class 56 Rating, Add	*8,493.59*	
40 05 19 00-1525	EA	42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,110.12	1,751.69
		For Class 52 Rating, Deduct	*-3,240.17*	
		For Class 54 Rating, Add	*4,450.26*	
		For Class 55 Rating, Add	*6,632.40*	
		For Class 56 Rating, Add	*8,785.08*	
40 05 19 00-1526	EA	42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,091.83	1,754.26
		For Class 52 Rating, Deduct	*-3,347.72*	
		For Class 54 Rating, Add	*4,596.97*	
		For Class 55 Rating, Add	*6,850.54*	
		For Class 56 Rating, Add	*9,073.68*	
40 05 19 00-1527	EA	42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,085.35	1,756.83
		For Class 52 Rating, Deduct	*-3,456.58*	
		For Class 54 Rating, Add	*4,745.46*	
		For Class 55 Rating, Add	*7,071.32*	
		For Class 56 Rating, Add	*9,365.75*	
40 05 19 00-1528	EA	42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,067.05	1,759.41
		For Class 52 Rating, Deduct	*-3,564.14*	
		For Class 54 Rating, Add	*4,892.18*	
		For Class 55 Rating, Add	*7,289.46*	
		For Class 56 Rating, Add	*9,654.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1529	EA	42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,056.63	1,761.99
		For Class 52 Rating, Deduct	*-3,672.56*	
		For Class 54 Rating, Add	*5,040.08*	
		For Class 55 Rating, Add	*7,509.36*	
		For Class 56 Rating, Add	*9,945.26*	
40 05 19 00-1530	EA	42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,040.30	1,764.56
		For Class 52 Rating, Deduct	*-3,780.34*	
		For Class 54 Rating, Add	*5,187.09*	
		For Class 55 Rating, Add	*7,727.94*	
		For Class 56 Rating, Add	*10,234.43*	
40 05 19 00-1531	EA	42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,824.86	1,767.14
		For Class 52 Rating, Deduct	*-3,866.21*	
		For Class 54 Rating, Add	*5,304.24*	
		For Class 55 Rating, Add	*7,902.13*	
		For Class 56 Rating, Add	*10,464.87*	
40 05 19 00-1532	EA	42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,013.54	1,769.72
		For Class 52 Rating, Deduct	*-3,996.54*	
		For Class 54 Rating, Add	*5,482.00*	
		For Class 55 Rating, Add	*8,166.42*	
		For Class 56 Rating, Add	*10,814.52*	
40 05 19 00-1533	EA	42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,995.25	1,772.29
		For Class 52 Rating, Deduct	*-4,104.10*	
		For Class 54 Rating, Add	*5,628.72*	
		For Class 55 Rating, Add	*8,384.57*	
		For Class 56 Rating, Add	*11,103.11*	
40 05 19 00-1534	EA	42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,986.80	1,774.87
		For Class 52 Rating, Deduct	*-4,212.74*	
		For Class 54 Rating, Add	*5,776.91*	
		For Class 55 Rating, Add	*8,604.91*	
		For Class 56 Rating, Add	*11,394.61*	
40 05 19 00-1535	EA	42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,968.51	1,777.44
		For Class 52 Rating, Deduct	*-4,320.30*	
		For Class 54 Rating, Add	*5,923.63*	
		For Class 55 Rating, Add	*8,823.05*	
		For Class 56 Rating, Add	*11,683.20*	
40 05 19 00-1536	EA	42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,962.03	1,780.03
		For Class 52 Rating, Deduct	*-4,429.15*	
		For Class 54 Rating, Add	*6,072.12*	
		For Class 55 Rating, Add	*9,043.83*	
		For Class 56 Rating, Add	*11,975.28*	
40 05 19 00-1537	EA	42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,941.75	1,782.59
		For Class 52 Rating, Deduct	*-4,536.49*	
		For Class 54 Rating, Add	*6,218.54*	
		For Class 55 Rating, Add	*9,261.53*	
		For Class 56 Rating, Add	*12,263.28*	
40 05 19 00-1538	EA	42" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,935.27	1,785.17
		For Class 52 Rating, Deduct	*-4,645.35*	
		For Class 54 Rating, Add	*6,367.03*	
		For Class 55 Rating, Add	*9,482.31*	
		For Class 56 Rating, Add	*12,555.36*	
40 05 19 00-1539	EA	42" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,916.98	1,787.75
		For Class 52 Rating, Deduct	*-4,752.91*	
		For Class 54 Rating, Add	*6,513.75*	
		For Class 55 Rating, Add	*9,700.45*	
		For Class 56 Rating, Add	*12,843.95*	
40 05 19 00-1540	EA	42" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,908.53	1,790.32
		For Class 52 Rating, Deduct	*-4,861.55*	
		For Class 54 Rating, Add	*6,661.94*	
		For Class 55 Rating, Add	*9,920.79*	
		For Class 56 Rating, Add	*13,135.45*	
40 05 19 00-1541		48" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1542	EA	48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,407.92	2,130.35
		For Class 52 Rating, Deduct	*-1,119.81*	
		For Class 54 Rating, Add	*1,565.75*	
		For Class 55 Rating, Add	*2,347.63*	
		For Class 56 Rating, Add	*3,119.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1543	EA	48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,852.88	2,132.93
		For Class 52 Rating, Deduct	*-1,278.33*	
		For Class 54 Rating, Add	*1,781.96*	
		For Class 55 Rating, Add	*2,669.08*	
		For Class 56 Rating, Add	*3,544.59*	
40 05 19 00-1544	EA	48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,295.87	2,135.51
		For Class 52 Rating, Deduct	*-1,436.63*	
		For Class 54 Rating, Add	*1,997.87*	
		For Class 55 Rating, Add	*2,990.09*	
		For Class 56 Rating, Add	*3,969.26*	
40 05 19 00-1545	EA	48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,750.70	2,138.09
		For Class 52 Rating, Deduct	*-1,596.23*	
		For Class 54 Rating, Add	*2,215.55*	
		For Class 55 Rating, Add	*3,313.74*	
		For Class 56 Rating, Add	*4,397.42*	
40 05 19 00-1546	EA	48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,195.67	2,140.65
		For Class 52 Rating, Deduct	*-1,754.75*	
		For Class 54 Rating, Add	*2,431.76*	
		For Class 55 Rating, Add	*3,635.19*	
		For Class 56 Rating, Add	*4,822.68*	
40 05 19 00-1547	EA	48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,640.64	2,143.24
		For Class 52 Rating, Deduct	*-1,913.26*	
		For Class 54 Rating, Add	*2,647.96*	
		For Class 55 Rating, Add	*3,956.64*	
		For Class 56 Rating, Add	*5,247.93*	
40 05 19 00-1548	EA	48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,093.49	2,145.82
		For Class 52 Rating, Deduct	*-2,072.65*	
		For Class 54 Rating, Add	*2,865.35*	
		For Class 55 Rating, Add	*4,279.85*	
		For Class 56 Rating, Add	*5,675.51*	
40 05 19 00-1549	EA	48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,540.43	2,148.38
		For Class 52 Rating, Deduct	*-2,231.38*	
		For Class 54 Rating, Add	*3,081.86*	
		For Class 55 Rating, Add	*4,601.74*	
		For Class 56 Rating, Add	*6,101.35*	
40 05 19 00-1550	EA	48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,983.42	2,150.96
		For Class 52 Rating, Deduct	*-2,389.68*	
		For Class 54 Rating, Add	*3,297.77*	
		For Class 55 Rating, Add	*4,922.76*	
		For Class 56 Rating, Add	*6,526.02*	
40 05 19 00-1551	EA	48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,438.25	2,153.54
		For Class 52 Rating, Deduct	*-2,549.28*	
		For Class 54 Rating, Add	*3,515.45*	
		For Class 55 Rating, Add	*5,246.40*	
		For Class 56 Rating, Add	*6,954.18*	
40 05 19 00-1552	EA	48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,883.21	2,156.12
		For Class 52 Rating, Deduct	*-2,707.80*	
		For Class 54 Rating, Add	*3,731.66*	
		For Class 55 Rating, Add	*5,567.85*	
		For Class 56 Rating, Add	*7,379.44*	
40 05 19 00-1553	EA	48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,338.04	2,158.69
		For Class 52 Rating, Deduct	*-2,867.40*	
		For Class 54 Rating, Add	*3,949.34*	
		For Class 55 Rating, Add	*5,891.50*	
		For Class 56 Rating, Add	*7,807.60*	
40 05 19 00-1554	EA	48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,781.04	2,161.27
		For Class 52 Rating, Deduct	*-3,025.70*	
		For Class 54 Rating, Add	*4,165.25*	
		For Class 55 Rating, Add	*6,212.52*	
		For Class 56 Rating, Add	*8,232.27*	
40 05 19 00-1555	EA	48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,226.00	2,163.85
		For Class 52 Rating, Deduct	*-3,184.22*	
		For Class 54 Rating, Add	*4,381.46*	
		For Class 55 Rating, Add	*6,533.97*	
		For Class 56 Rating, Add	*8,657.53*	
40 05 19 00-1556	EA	48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,680.83	2,166.42
		For Class 52 Rating, Deduct	*-3,343.82*	
		For Class 54 Rating, Add	*4,599.15*	
		For Class 55 Rating, Add	*6,857.62*	
		For Class 56 Rating, Add	*9,085.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1557	EA	48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,125.79	2,168.99
		For Class 52 Rating, Deduct	*-3,502.34*	
		For Class 54 Rating, Add	*4,815.35*	
		For Class 55 Rating, Add	*7,179.07*	
		For Class 56 Rating, Add	*9,510.94*	
40 05 19 00-1558	EA	48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,568.79	2,171.58
		For Class 52 Rating, Deduct	*-3,660.64*	
		For Class 54 Rating, Add	*5,031.26*	
		For Class 55 Rating, Add	*7,500.08*	
		For Class 56 Rating, Add	*9,935.62*	
40 05 19 00-1559	EA	48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,023.61	2,174.15
		For Class 52 Rating, Deduct	*-3,820.24*	
		For Class 54 Rating, Add	*5,248.95*	
		For Class 55 Rating, Add	*7,823.73*	
		For Class 56 Rating, Add	*10,363.78*	
40 05 19 00-1560	EA	48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,468.58	2,176.72
		For Class 52 Rating, Deduct	*-3,978.76*	
		For Class 54 Rating, Add	*5,465.15*	
		For Class 55 Rating, Add	*8,145.18*	
		For Class 56 Rating, Add	*10,789.03*	
40 05 19 00-1561	EA	48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,911.58	2,179.29
		For Class 52 Rating, Deduct	*-4,137.06*	
		For Class 54 Rating, Add	*5,681.07*	
		For Class 55 Rating, Add	*8,466.19*	
		For Class 56 Rating, Add	*11,213.71*	
40 05 19 00-1562	EA	48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,366.41	2,181.88
		For Class 52 Rating, Deduct	*-4,296.66*	
		For Class 54 Rating, Add	*5,898.75*	
		For Class 55 Rating, Add	*8,789.84*	
		For Class 56 Rating, Add	*11,641.87*	
40 05 19 00-1563	EA	48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,813.33	2,184.46
		For Class 52 Rating, Deduct	*-4,455.39*	
		For Class 54 Rating, Add	*6,115.25*	
		For Class 55 Rating, Add	*9,111.73*	
		For Class 56 Rating, Add	*12,067.70*	
40 05 19 00-1564	EA	48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,256.33	2,187.02
		For Class 52 Rating, Deduct	*-4,613.69*	
		For Class 54 Rating, Add	*6,331.16*	
		For Class 55 Rating, Add	*9,432.74*	
		For Class 56 Rating, Add	*12,492.38*	
40 05 19 00-1565	EA	48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,711.16	2,189.61
		For Class 52 Rating, Deduct	*-4,773.29*	
		For Class 54 Rating, Add	*6,548.85*	
		For Class 55 Rating, Add	*9,756.39*	
		For Class 56 Rating, Add	*12,920.54*	
40 05 19 00-1566	EA	48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,156.12	2,192.18
		For Class 52 Rating, Deduct	*-4,931.81*	
		For Class 54 Rating, Add	*6,765.05*	
		For Class 55 Rating, Add	*10,077.84*	
		For Class 56 Rating, Add	*13,345.79*	
40 05 19 00-1567	EA	48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,599.12	2,194.75
		For Class 52 Rating, Deduct	*-5,090.11*	
		For Class 54 Rating, Add	*6,980.96*	
		For Class 55 Rating, Add	*10,398.85*	
		For Class 56 Rating, Add	*13,770.46*	
40 05 19 00-1568	EA	48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,053.94	2,197.33
		For Class 52 Rating, Deduct	*-5,249.71*	
		For Class 54 Rating, Add	*7,198.65*	
		For Class 55 Rating, Add	*10,722.50*	
		For Class 56 Rating, Add	*14,198.63*	
40 05 19 00-1569	EA	48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,498.92	2,199.91
		For Class 52 Rating, Deduct	*-5,408.23*	
		For Class 54 Rating, Add	*7,414.86*	
		For Class 55 Rating, Add	*11,043.95*	
		For Class 56 Rating, Add	*14,623.88*	
40 05 19 00-1570	EA	48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,766.45	2,202.49
		For Class 52 Rating, Deduct	*-5,547.23*	
		For Class 54 Rating, Add	*7,604.45*	
		For Class 55 Rating, Add	*11,325.84*	
		For Class 56 Rating, Add	*14,996.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1571	EA	48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,398.70	2,205.05
		For Class 52 Rating, Deduct	*-5,726.35*	
		For Class 54 Rating, Add	*7,848.75*	
		For Class 55 Rating, Add	*11,689.05*	
		For Class 56 Rating, Add	*15,477.30*	
40 05 19 00-1572	EA	48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,841.70	2,207.64
		For Class 52 Rating, Deduct	*-5,884.65*	
		For Class 54 Rating, Add	*8,064.66*	
		For Class 55 Rating, Add	*12,010.06*	
		For Class 56 Rating, Add	*15,901.97*	
40 05 19 00-1573	EA	48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,298.50	2,210.22
		For Class 52 Rating, Deduct	*-6,044.47*	
		For Class 54 Rating, Add	*8,282.64*	
		For Class 55 Rating, Add	*12,334.15*	
		For Class 56 Rating, Add	*16,330.72*	
40 05 19 00-1574	EA	48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	59,741.49	2,212.78
		For Class 52 Rating, Deduct	*-6,202.77*	
		For Class 54 Rating, Add	*8,498.55*	
		For Class 55 Rating, Add	*12,655.16*	
		For Class 56 Rating, Add	*16,755.39*	
40 05 19 00-1575	EA	48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	61,184.48	2,215.36
		For Class 52 Rating, Deduct	*-6,361.07*	
		For Class 54 Rating, Add	*8,714.46*	
		For Class 55 Rating, Add	*12,976.17*	
		For Class 56 Rating, Add	*17,180.06*	
40 05 19 00-1576	EA	48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	62,641.29	2,217.94
		For Class 52 Rating, Deduct	*-6,520.88*	
		For Class 54 Rating, Add	*8,932.44*	
		For Class 55 Rating, Add	*13,300.26*	
		For Class 56 Rating, Add	*17,608.81*	
40 05 19 00-1577	EA	48" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	64,084.27	2,220.52
		For Class 52 Rating, Deduct	*-6,679.18*	
		For Class 54 Rating, Add	*9,148.35*	
		For Class 55 Rating, Add	*13,621.27*	
		For Class 56 Rating, Add	*18,033.48*	
40 05 19 00-1578	EA	48" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	65,529.24	2,223.08
		For Class 52 Rating, Deduct	*-6,837.70*	
		For Class 54 Rating, Add	*9,364.56*	
		For Class 55 Rating, Add	*13,942.72*	
		For Class 56 Rating, Add	*18,458.73*	
40 05 19 00-1579	EA	48" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	66,984.06	2,225.67
		For Class 52 Rating, Deduct	*-6,997.30*	
		For Class 54 Rating, Add	*9,582.24*	
		For Class 55 Rating, Add	*14,266.37*	
		For Class 56 Rating, Add	*18,886.89*	

40 05 19 00-1580 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1581	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	381.12	124.29
40 05 19 00-1582	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	539.18	158.93
40 05 19 00-1583	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	763.96	180.02
40 05 19 00-1584	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,125.52	228.23
40 05 19 00-1585	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,399.62	253.08
40 05 19 00-1586	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,753.63	274.93
40 05 19 00-1587	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,160.26	338.94
40 05 19 00-1588	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,842.84	406.74
40 05 19 00-1589	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,499.45	512.19
40 05 19 00-1590	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	5,368.48	579.98
40 05 19 00-1591	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	9,075.29	768.28
40 05 19 00-1592	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	12,914.03	869.97
40 05 19 00-1593	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	21,732.76	994.24
40 05 19 00-1594	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	28,960.33	1,220.21

40 05 19 00-1595 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1596	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	360.01	124.29
40 05 19 00-1597	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	505.40	158.93
40 05 19 00-1598	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	678.10	180.02
40 05 19 00-1599	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,001.67	228.23
40 05 19 00-1600	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,241.99	253.08
40 05 19 00-1601	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,432.73	274.93
40 05 19 00-1602	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,805.59	338.94
40 05 19 00-1603	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,365.72	406.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1604	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,064.55	512.19
40 05 19 00-1605	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	4,056.75	579.98
40 05 19 00-1606	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	8,115.42	768.28
40 05 19 00-1607	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	12,213.12	869.97
40 05 19 00-1608	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	18,719.43	994.24
40 05 19 00-1609	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	25,551.51	1,220.21
40 05 19 00-1610		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows *(40 05 19 00-0001)*		
40 05 19 00-1611	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	358.60	124.29
40 05 19 00-1612	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	494.14	158.93
40 05 19 00-1613	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	668.25	180.02
40 05 19 00-1614	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	973.52	228.23
40 05 19 00-1615	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,303.92	253.08
40 05 19 00-1616	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,628.37	274.93
40 05 19 00-1617	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,849.22	338.94
40 05 19 00-1618	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,419.20	406.74
40 05 19 00-1619	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,296.77	512.19
40 05 19 00-1620	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	4,585.95	579.98
40 05 19 00-1621	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	8,209.71	768.28
40 05 19 00-1622	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	12,429.87	869.97
40 05 19 00-1623	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	19,151.52	994.24
40 05 19 00-1624	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	26,114.48	1,220.21
40 05 19 00-1625		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows *(40 05 19 00-0001)*		
40 05 19 00-1626	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	393.79	124.29
40 05 19 00-1627	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	560.29	158.93
40 05 19 00-1628	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	696.40	180.02
40 05 19 00-1629	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,073.45	228.23
40 05 19 00-1630	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,488.29	253.08
40 05 19 00-1631	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,676.22	274.93
40 05 19 00-1632	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,049.08	338.94
40 05 19 00-1633	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,419.20	406.74
40 05 19 00-1634	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,296.77	512.19
40 05 19 00-1635	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	4,775.95	579.98
40 05 19 00-1636	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	8,304.01	768.28
40 05 19 00-1637	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	12,522.76	869.97
40 05 19 00-1638	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	19,250.04	994.24
40 05 19 00-1639	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	26,312.93	1,220.21
40 05 19 00-1640		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows *(40 05 19 00-0001)*		
40 05 19 00-1641	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	511.53	141.61
40 05 19 00-1642	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	635.87	152.15
40 05 19 00-1643	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	717.01	169.48
40 05 19 00-1644	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	967.96	176.25
40 05 19 00-1645	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,020.95	193.57
40 05 19 00-1646	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,117.15	204.12
40 05 19 00-1647	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,040.84	189.06
40 05 19 00-1648	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,174.05	206.38
40 05 19 00-1649	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,353.30	216.93
40 05 19 00-1650	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,440.48	241.03
40 05 19 00-1651	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,353.30	216.93
40 05 19 00-1652	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,501.57	227.48
40 05 19 00-1653	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,673.20	251.57
40 05 19 00-1654	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,854.46	264.38
40 05 19 00-1655	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,560.84	248.94
40 05 19 00-1656	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,685.19	259.48
40 05 19 00-1657	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,937.05	283.59
40 05 19 00-1658	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,116.32	296.01
40 05 19 00-1659	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,267.98	306.94
40 05 19 00-1660	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,827.53	282.83
40 05 19 00-1661	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,193.96	293.38
40 05 19 00-1662	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,257.22	317.48
40 05 19 00-1663	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,384.42	329.91
40 05 19 00-1664	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,589.57	340.83
40 05 19 00-1665	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,823.85	372.85
40 05 19 00-1666	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,363.43	335.56
40 05 19 00-1667	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,524.37	346.10
40 05 19 00-1668	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,139.35	370.21
40 05 19 00-1669	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,258.11	382.63
40 05 19 00-1670	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,598.37	393.56
40 05 19 00-1671	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,513.16	425.56
40 05 19 00-1672	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,739.04	459.47
40 05 19 00-1673	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,340.88	369.45
40 05 19 00-1674	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,503.23	380.00

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1675	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,770.57	404.10
40 05 19 00-1676	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,963.92	416.53
40 05 19 00-1677	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,328.11	427.45
40 05 19 00-1678	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,665.13	459.47
40 05 19 00-1679	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,774.20	493.36
40 05 19 00-1680	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,026.29	487.90
40 05 19 00-1681	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,986.92	510.68
40 05 19 00-1682	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,376.44	521.60
40 05 19 00-1683	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,193.40	553.61
40 05 19 00-1684	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,370.71	587.51
40 05 19 00-1685	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,684.93	640.23
40 05 19 00-1686	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,228.87	674.13
40 05 19 00-1687	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,269.41	561.52
40 05 19 00-1688	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,734.90	572.44
40 05 19 00-1689	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,707.43	604.46
40 05 19 00-1690	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,393.52	638.35
40 05 19 00-1691	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,886.49	691.08
40 05 19 00-1692	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,873.80	724.97
40 05 19 00-1693	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,661.07	819.13
40 05 19 00-1694	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,685.45	634.58
40 05 19 00-1695	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,365.22	666.60
40 05 19 00-1696	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,685.34	700.49
40 05 19 00-1697	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,409.15	753.22
40 05 19 00-1698	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,302.89	787.11
40 05 19 00-1699	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,860.72	881.27
40 05 19 00-1700	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	23,856.73	932.11
40 05 19 00-1701	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	22,830.24	909.51
40 05 19 00-1702	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	24,826.50	1,003.67
40 05 19 00-1703	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	25,550.95	1,054.51
40 05 19 00-1704	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	32,709.05	1,116.64

40 05 19 00-1705 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1706	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	458.53	124.29
40 05 19 00-1707	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	712.29	158.93
40 05 19 00-1708	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,053.89	180.02
40 05 19 00-1709	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,502.72	228.23
40 05 19 00-1710	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,132.90	253.08
40 05 19 00-1711	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,489.72	274.93
40 05 19 00-1712	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,232.73	338.94
40 05 19 00-1713	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	4,006.79	406.74
40 05 19 00-1714	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	5,469.86	512.19
40 05 19 00-1715	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	8,062.32	579.98
40 05 19 00-1716	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	14,230.74	768.28
40 05 19 00-1717	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	21,709.12	869.97
40 05 19 00-1718	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	33,717.11	994.24

40 05 19 00-1719 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base *(40 05 19 00-0001)*

40 05 19 00-1720	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	485.27	124.29
40 05 19 00-1721	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	660.22	158.93
40 05 19 00-1722	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,090.48	180.02
40 05 19 00-1723	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,475.97	228.23
40 05 19 00-1724	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,990.75	253.08
40 05 19 00-1725	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,354.60	274.93
40 05 19 00-1726	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,909.02	338.94
40 05 19 00-1727	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	3,657.75	406.74
40 05 19 00-1728	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	4,830.88	512.19
40 05 19 00-1729	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	6,846.30	579.98
40 05 19 00-1730	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	11,251.19	768.28
40 05 19 00-1731	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	16,122.99	869.97
40 05 19 00-1732	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	30,040.88	994.24
40 05 19 00-1733	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	32,370.55	1,220.21

40 05 19 00-1734 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees *(40 05 19 00-0001)*

40 05 19 00-1735	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	654.28	199.61
40 05 19 00-1736	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	811.17	245.55
40 05 19 00-1737	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,148.69	274.17
40 05 19 00-1738	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,654.50	356.28
40 05 19 00-1739	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	2,210.25	388.66
40 05 19 00-1740	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	2,973.96	418.04
40 05 19 00-1741	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	3,361.82	527.25
40 05 19 00-1742	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	4,105.06	602.57
40 05 19 00-1743	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	5,177.93	760.75
40 05 19 00-1744	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	7,665.07	839.84
40 05 19 00-1745	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	13,083.17	1,159.96
40 05 19 00-1746	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	18,906.38	1,329.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1747	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	39,272.02	1,536.57
40 05 19 00-1748		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tees *(40 05 19 00-0001)*		
40 05 19 00-1749	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	823.38	222.95
40 05 19 00-1750	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,025.85	227.48
40 05 19 00-1751	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,021.37	256.10
40 05 19 00-1752	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,359.34	251.57
40 05 19 00-1753	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,337.97	280.19
40 05 19 00-1754	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,410.40	298.28
40 05 19 00-1755	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,730.60	264.38
40 05 19 00-1756	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,721.90	293.00
40 05 19 00-1757	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,818.25	311.07
40 05 19 00-1758	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,166.51	369.07
40 05 19 00-1759	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,537.57	274.93
40 05 19 00-1760	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,478.19	303.55
40 05 19 00-1761	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,587.21	321.62
40 05 19 00-1762	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,727.16	379.62
40 05 19 00-1763	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,892.51	399.58
40 05 19 00-1764	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,081.48	306.94
40 05 19 00-1765	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,832.10	335.56
40 05 19 00-1766	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,783.49	353.64
40 05 19 00-1767	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,266.86	411.64
40 05 19 00-1768	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,166.21	431.60
40 05 19 00-1769	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,534.77	450.04
40 05 19 00-1770	EA	18" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,773.23	340.83
40 05 19 00-1771	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,828.57	369.45
40 05 19 00-1772	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,414.72	387.53
40 05 19 00-1773	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,419.56	445.53
40 05 19 00-1774	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,724.25	465.49
40 05 19 00-1775	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,068.88	483.94
40 05 19 00-1776	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,347.71	561.15
40 05 19 00-1777	EA	20" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,387.89	393.56
40 05 19 00-1778	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,175.15	422.18
40 05 19 00-1779	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,260.25	440.26
40 05 19 00-1780	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,435.39	498.26
40 05 19 00-1781	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,609.18	518.22
40 05 19 00-1782	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,666.71	536.66
40 05 19 00-1783	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,623.92	613.87
40 05 19 00-1784	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,744.40	655.30
40 05 19 00-1785	EA	24" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,544.13	427.45
40 05 19 00-1786	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,776.82	456.07
40 05 19 00-1787	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,994.21	474.15
40 05 19 00-1788	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,187.65	532.15
40 05 19 00-1789	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,820.27	552.11
40 05 19 00-1790	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,963.65	570.56
40 05 19 00-1791	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,156.63	647.77
40 05 19 00-1792	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,112.39	689.19
40 05 19 00-1793	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,388.08	736.46
40 05 19 00-1794	EA	30" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	9,866.62	550.22
40 05 19 00-1795	EA	30" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	9,923.57	568.31
40 05 19 00-1796	EA	30" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,198.64	626.30
40 05 19 00-1797	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,228.88	646.26
40 05 19 00-1798	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,256.84	664.71
40 05 19 00-1799	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,466.71	741.92
40 05 19 00-1800	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,591.39	783.35
40 05 19 00-1801	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,904.59	888.79
40 05 19 00-1802	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	13,984.98	933.99
40 05 19 00-1803	EA	36" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	13,606.78	787.49
40 05 19 00-1804	EA	36" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,561.60	801.80
40 05 19 00-1805	EA	36" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,654.76	842.85
40 05 19 00-1806	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,772.20	859.05
40 05 19 00-1807	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,825.41	873.73
40 05 19 00-1808	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,970.07	928.34
40 05 19 00-1809	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,058.10	966.00
40 05 19 00-1810	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,301.79	1,045.08
40 05 19 00-1811	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,641.78	1,084.64
40 05 19 00-1812	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	20,506.33	1,244.69
40 05 19 00-1813	EA	42" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,430.95	681.28
40 05 19 00-1814	EA	42" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	22,075.49	739.28
40 05 19 00-1815	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	22,105.73	759.24
40 05 19 00-1816	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	22,166.08	777.70
40 05 19 00-1817	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	22,349.21	854.90
40 05 19 00-1818	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	22,578.05	896.33
40 05 19 00-1819	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	22,737.82	1,001.78
40 05 19 00-1820	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	23,070.89	1,046.97
40 05 19 00-1821	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	29,238.66	1,272.94
40 05 19 00-1822	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	37,595.62	1,391.57
40 05 19 00-1823	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	29,905.44	881.64
40 05 19 00-1824	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	29,933.40	900.10
40 05 19 00-1825	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	30,148.91	977.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1826	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	30,211.68	1,018.73
40 05 19 00-1827	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	30,502.34	1,124.18
40 05 19 00-1828	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	30,803.03	1,169.37
40 05 19 00-1829	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	31,609.86	1,395.34
40 05 19 00-1830		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees With Base** *(40 05 19 00-0001)*		
40 05 19 00-1831	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	707.76	199.61
40 05 19 00-1832	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	964.58	245.55
40 05 19 00-1833	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,413.29	274.17
40 05 19 00-1834	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	2,154.14	356.28
40 05 19 00-1835	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	2,902.71	388.66
40 05 19 00-1836	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	3,244.19	418.04
40 05 19 00-1837	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	4,026.13	527.25
40 05 19 00-1838	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	4,894.64	602.57
40 05 19 00-1839	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	6,540.33	760.75
40 05 19 00-1840	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	9,441.26	839.84
40 05 19 00-1841	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	15,848.79	1,159.96
40 05 19 00-1842	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	22,620.62	1,329.43
40 05 19 00-1843		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wyes** *(40 05 19 00-0001)*		
40 05 19 00-1844	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	572.65	199.61
40 05 19 00-1845	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	804.13	245.55
40 05 19 00-1846	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,169.80	274.17
40 05 19 00-1847	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,537.69	356.28
40 05 19 00-1848	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	2,203.21	388.66
40 05 19 00-1849	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	2,867.00	418.04
40 05 19 00-1850		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Crosses** *(40 05 19 00-0001)*		
40 05 19 00-1851	EA	4" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	786.72	274.93
40 05 19 00-1852	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,043.89	297.90
40 05 19 00-1853	EA	6" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,104.27	332.17
40 05 19 00-1854	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,293.39	302.79
40 05 19 00-1855	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,408.76	342.72
40 05 19 00-1856	EA	8" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,457.41	368.32
40 05 19 00-1857	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,678.96	326.89
40 05 19 00-1858	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,847.81	366.81
40 05 19 00-1859	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,021.72	392.43
40 05 19 00-1860	EA	10" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,510.01	484.32
40 05 19 00-1861	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,181.95	339.33
40 05 19 00-1862	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,295.91	379.25
40 05 19 00-1863	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,471.24	404.85
40 05 19 00-1864	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,986.26	496.75
40 05 19 00-1865	EA	12" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,806.94	524.24
40 05 19 00-1866	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,743.15	390.17
40 05 19 00-1867	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,917.06	415.78
40 05 19 00-1868	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,244.88	507.67
40 05 19 00-1869	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,530.02	535.16
40 05 19 00-1870	EA	14" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,703.10	561.15
40 05 19 00-1871	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,277.20	422.18
40 05 19 00-1872	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,476.45	447.78
40 05 19 00-1873	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,804.29	539.68
40 05 19 00-1874	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,116.17	567.17
40 05 19 00-1875	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,758.62	593.16
40 05 19 00-1876	EA	16" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,663.30	715.55
40 05 19 00-1877	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,410.19	456.07
40 05 19 00-1878	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,608.03	481.69
40 05 19 00-1879	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,882.39	573.58
40 05 19 00-1880	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,192.86	601.06
40 05 19 00-1881	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,823.35	627.06
40 05 19 00-1882	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,252.30	749.46
40 05 19 00-1883	EA	18" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,488.33	798.41
40 05 19 00-1884	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,451.37	508.80
40 05 19 00-1885	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,663.28	534.41
40 05 19 00-1886	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,917.92	626.30
40 05 19 00-1887	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,249.50	653.79
40 05 19 00-1888	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,346.58	679.78
40 05 19 00-1889	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,517.25	802.17
40 05 19 00-1890	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,764.54	851.14
40 05 19 00-1891	EA	20" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,410.95	1,009.31
40 05 19 00-1892	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,893.27	542.69
40 05 19 00-1893	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,046.07	568.31
40 05 19 00-1894	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,387.98	660.20
40 05 19 00-1895	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,604.15	687.68
40 05 19 00-1896	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,730.78	713.68
40 05 19 00-1897	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,118.91	836.08
40 05 19 00-1898	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,250.77	885.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1899	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,776.64	985.03
40 05 19 00-1900	EA	24" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,762.49	1,099.70
40 05 19 00-1901	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,900.16	781.84
40 05 19 00-1902	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,970.50	807.82
40 05 19 00-1903	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,372.70	930.22
40 05 19 00-1904	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,508.81	979.18
40 05 19 00-1905	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,090.48	1,137.36
40 05 19 00-1906	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	15,745.33	1,193.85
40 05 19 00-1907	EA	30" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,867.98	1,551.63
40 05 19 00-1908	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	15,409.69	994.62
40 05 19 00-1909	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	15,443.37	1,016.84
40 05 19 00-1910	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	15,783.18	1,116.64
40 05 19 00-1911	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	15,912.17	1,161.83
40 05 19 00-1912	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,391.97	1,293.66
40 05 19 00-1913	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,965.83	1,344.50
40 05 19 00-1914	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	22,961.81	1,636.36
40 05 19 00-1915	EA	36" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,178.81	1,788.89
40 05 19 00-1916	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	22,807.99	894.83
40 05 19 00-1917	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	22,847.36	920.81
40 05 19 00-1918	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	23,231.26	1,043.21
40 05 19 00-1919	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	23,337.82	1,092.16
40 05 19 00-1920	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	23,875.86	1,250.34
40 05 19 00-1921	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,458.27	1,306.83
40 05 19 00-1922	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	31,487.26	1,664.61
40 05 19 00-1923	EA	42" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	43,555.62	1,851.03
40 05 19 00-1924	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	32,214.86	2,078.88
40 05 19 00-1925	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	30,611.87	1,043.21
40 05 19 00-1926	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	30,997.18	1,165.61
40 05 19 00-1927	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	31,103.74	1,214.56
40 05 19 00-1928	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	31,608.00	1,372.74
40 05 19 00-1929	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	32,190.42	1,429.23
40 05 19 00-1930	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	33,626.23	1,787.01

40 05 19 00-1931 Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducers *(40 05 19 00-0001)*

40 05 19 00-1932	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	420.05	141.61
40 05 19 00-1933	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	538.76	152.15
40 05 19 00-1934	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	593.16	169.48
40 05 19 00-1935	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	727.28	176.25
40 05 19 00-1936	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	732.42	193.57
40 05 19 00-1937	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	858.18	204.12
40 05 19 00-1938	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	932.47	189.06
40 05 19 00-1939	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	962.94	206.38
40 05 19 00-1940	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,056.33	216.93
40 05 19 00-1941	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,188.55	241.03
40 05 19 00-1942	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,466.80	206.38
40 05 19 00-1943	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,163.29	216.93
40 05 19 00-1944	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,287.63	227.48
40 05 19 00-1945	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,415.64	251.57
40 05 19 00-1946	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,374.52	264.38
40 05 19 00-1947	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,737.26	231.61
40 05 19 00-1948	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,401.80	248.94
40 05 19 00-1949	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,322.07	259.48
40 05 19 00-1950	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,474.00	283.59
40 05 19 00-1951	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,832.01	296.01
40 05 19 00-1952	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,972.42	306.94
40 05 19 00-1953	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,199.09	282.83
40 05 19 00-1954	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,736.54	293.38
40 05 19 00-1955	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,908.17	317.48
40 05 19 00-1956	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,894.63	329.91
40 05 19 00-1957	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,184.23	340.83
40 05 19 00-1958	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,177.84	372.85
40 05 19 00-1959	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,246.61	335.56
40 05 19 00-1960	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,176.73	346.10
40 05 19 00-1961	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,358.22	370.21
40 05 19 00-1962	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,296.83	382.63
40 05 19 00-1963	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,655.38	393.56
40 05 19 00-1964	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,487.14	425.56
40 05 19 00-1965	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,073.32	459.47
40 05 19 00-1966	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,951.51	380.00
40 05 19 00-1967	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,335.67	404.10
40 05 19 00-1968	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,589.54	416.53
40 05 19 00-1969	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,684.91	427.45
40 05 19 00-1970	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,253.47	459.47
40 05 19 00-1971	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,933.95	493.36
40 05 19 00-1972	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,157.90	487.90
40 05 19 00-1973	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,680.40	553.61
40 05 19 00-1974	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,918.95	587.51
40 05 19 00-1975	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,371.81	640.23
40 05 19 00-1976	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,043.84	674.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1977	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,775.70	604.46
40 05 19 00-1978	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,167.66	638.35
40 05 19 00-1979	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,682.44	691.08
40 05 19 00-1980	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	9,448.78	724.97
40 05 19 00-1981	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	10,894.73	819.13
40 05 19 00-1982	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	13,243.09	787.11
40 05 19 00-1983	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	14,973.34	881.27
40 05 19 00-1984	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,937.75	932.11
40 05 19 00-1985	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,837.36	909.51
40 05 19 00-1986	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	18,899.77	1,003.67
40 05 19 00-1987	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	21,128.77	1,054.51
40 05 19 00-1988	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	23,673.29	1,116.64

40 05 19 00-1989 Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducers *(40 05 19 00-0001)*

40 05 19 00-1990	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	458.05	141.61
40 05 19 00-1991	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	582.39	152.15
40 05 19 00-1992	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	662.12	169.48
40 05 19 00-1993	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	727.28	176.25
40 05 19 00-1994	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	778.87	193.57
40 05 19 00-1995	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	901.81	204.12
40 05 19 00-1996	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	932.47	189.06
40 05 19 00-1997	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,013.61	206.38
40 05 19 00-1998	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,109.81	216.93
40 05 19 00-1999	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,281.44	241.03
40 05 19 00-2000	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,163.29	216.93
40 05 19 00-2001	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,260.89	227.48
40 05 19 00-2002	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,405.79	251.57
40 05 19 00-2003	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,612.38	264.38
40 05 19 00-2004	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,401.80	248.94
40 05 19 00-2005	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,523.33	259.48
40 05 19 00-2006	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,694.97	283.59
40 05 19 00-2007	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,875.64	296.01
40 05 19 00-2008	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,972.42	306.94
40 05 19 00-2009	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,736.54	293.38
40 05 19 00-2010	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,908.17	317.48
40 05 19 00-2011	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,088.86	329.91
40 05 19 00-2012	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,184.23	340.83
40 05 19 00-2013	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,394.58	372.85
40 05 19 00-2014	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,547.80	335.56
40 05 19 00-2015	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,321.70	346.10
40 05 19 00-2016	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,358.22	370.21
40 05 19 00-2017	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,579.72	382.63
40 05 19 00-2018	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,655.38	393.56
40 05 19 00-2019	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,903.74	425.56
40 05 19 00-2020	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,071.91	459.47
40 05 19 00-2021	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,241.44	380.00
40 05 19 00-2022	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,335.67	404.10
40 05 19 00-2023	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,412.20	416.53
40 05 19 00-2024	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,486.46	427.45
40 05 19 00-2025	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,739.04	459.47
40 05 19 00-2026	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,933.95	493.36
40 05 19 00-2027	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,157.90	487.90
40 05 19 00-2028	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,812.75	521.60
40 05 19 00-2029	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,643.09	553.61
40 05 19 00-2030	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,949.92	587.51
40 05 19 00-2031	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,371.81	640.23
40 05 19 00-2032	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,043.84	674.13
40 05 19 00-2033	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,837.63	604.46
40 05 19 00-2034	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,167.66	638.35
40 05 19 00-2035	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,651.48	691.08
40 05 19 00-2036	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	9,415.00	724.97
40 05 19 00-2037	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	10,863.77	819.13
40 05 19 00-2038	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	13,243.09	787.11
40 05 19 00-2039	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	11,173.26	881.27
40 05 19 00-2040	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	16,937.75	932.11
40 05 19 00-2041	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	18,899.77	1,003.67
40 05 19 00-2042	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	21,128.77	1,054.51
40 05 19 00-2043	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	23,673.29	1,116.64

40 05 19 00-2044 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flanges *(40 05 19 00-0001)*

40 05 19 00-2045	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	162.85	48.96
40 05 19 00-2046	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	244.67	72.31
40 05 19 00-2047	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	356.70	85.87
40 05 19 00-2048	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	492.39	100.18
40 05 19 00-2049	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	636.87	117.50
40 05 19 00-2050	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	844.33	131.81
40 05 19 00-2051	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,009.38	150.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2052	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,366.68	210.91
40 05 19 00-2053	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,816.73	263.62
40 05 19 00-2054	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	2,593.37	320.12
40 05 19 00-2055	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	3,664.09	372.85
40 05 19 00-2056	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	6,569.82	410.50
40 05 19 00-2057	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	9,275.75	451.93
40 05 19 00-2058	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	12,267.72	508.42

40 05 19 00-2059 Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Piping *(40 05 19)*

Note: 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be ceramic epoxy. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-4062 for bolts, 40 05 19 00-4077 for gaskets.

40 05 19 00-2060 Flanged End (FxF), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2059)*

40 05 19 00-2061 4" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2062	EA	4" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	961.99	215.42
		For Class 52 Rating, Deduct	*-69.91*	
		For Class 54 Rating, Add	*99.26*	
		For Class 55 Rating, Add	*149.57*	
		For Class 56 Rating, Add	*199.25*	
40 05 19 00-2063	EA	4" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,058.15	219.19
		For Class 52 Rating, Deduct	*-79.87*	
		For Class 54 Rating, Add	*112.89*	
		For Class 55 Rating, Add	*169.88*	
		For Class 56 Rating, Add	*226.14*	
40 05 19 00-2064	EA	4" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,154.31	222.95
		For Class 52 Rating, Deduct	*-89.82*	
		For Class 54 Rating, Add	*126.53*	
		For Class 55 Rating, Add	*190.19*	
		For Class 56 Rating, Add	*253.03*	
40 05 19 00-2065	EA	4" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,250.48	226.72
		For Class 52 Rating, Deduct	*-99.77*	
		For Class 54 Rating, Add	*140.17*	
		For Class 55 Rating, Add	*210.50*	
		For Class 56 Rating, Add	*279.92*	
40 05 19 00-2066	EA	4" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,346.64	230.49
		For Class 52 Rating, Deduct	*-109.72*	
		For Class 54 Rating, Add	*153.80*	
		For Class 55 Rating, Add	*230.81*	
		For Class 56 Rating, Add	*306.81*	
40 05 19 00-2067	EA	4" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,442.81	234.25
		For Class 52 Rating, Deduct	*-119.67*	
		For Class 54 Rating, Add	*167.44*	
		For Class 55 Rating, Add	*251.12*	
		For Class 56 Rating, Add	*333.70*	
40 05 19 00-2068	EA	4" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,538.98	238.01
		For Class 52 Rating, Deduct	*-129.62*	
		For Class 54 Rating, Add	*181.08*	
		For Class 55 Rating, Add	*271.43*	
		For Class 56 Rating, Add	*360.59*	
40 05 19 00-2069	EA	4" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,635.14	241.79
		For Class 52 Rating, Deduct	*-139.57*	
		For Class 54 Rating, Add	*194.72*	
		For Class 55 Rating, Add	*291.73*	
		For Class 56 Rating, Add	*387.48*	
40 05 19 00-2070	EA	4" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,731.30	245.55
		For Class 52 Rating, Deduct	*-149.52*	
		For Class 54 Rating, Add	*208.35*	
		For Class 55 Rating, Add	*312.04*	
		For Class 56 Rating, Add	*414.37*	
40 05 19 00-2071	EA	4" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,827.46	249.31
		For Class 52 Rating, Deduct	*-159.47*	
		For Class 54 Rating, Add	*221.99*	
		For Class 55 Rating, Add	*332.35*	
		For Class 56 Rating, Add	*441.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2072	EA	4" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,923.62	253.08
		For Class 52 Rating, Deduct	*-169.42*	
		For Class 54 Rating, Add	*235.63*	
		For Class 55 Rating, Add	*352.66*	
		For Class 56 Rating, Add	*468.15*	
40 05 19 00-2073	EA	4" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,019.79	256.85
		For Class 52 Rating, Deduct	*-179.37*	
		For Class 54 Rating, Add	*249.26*	
		For Class 55 Rating, Add	*372.97*	
		For Class 56 Rating, Add	*495.05*	
40 05 19 00-2074	EA	4" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,115.95	260.61
		For Class 52 Rating, Deduct	*-189.32*	
		For Class 54 Rating, Add	*262.90*	
		For Class 55 Rating, Add	*393.28*	
		For Class 56 Rating, Add	*521.94*	
40 05 19 00-2075	EA	4" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,212.12	264.38
		For Class 52 Rating, Deduct	*-199.27*	
		For Class 54 Rating, Add	*276.54*	
		For Class 55 Rating, Add	*413.59*	
		For Class 56 Rating, Add	*548.83*	
40 05 19 00-2076	EA	4" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,308.28	268.14
		For Class 52 Rating, Deduct	*-209.22*	
		For Class 54 Rating, Add	*290.18*	
		For Class 55 Rating, Add	*433.90*	
		For Class 56 Rating, Add	*575.72*	
40 05 19 00-2077	EA	4" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,404.44	271.91
		For Class 52 Rating, Deduct	*-219.17*	
		For Class 54 Rating, Add	*303.81*	
		For Class 55 Rating, Add	*454.21*	
		For Class 56 Rating, Add	*602.61*	
40 05 19 00-2078	EA	4" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,500.61	275.68
		For Class 52 Rating, Deduct	*-229.12*	
		For Class 54 Rating, Add	*317.45*	
		For Class 55 Rating, Add	*474.52*	
		For Class 56 Rating, Add	*629.50*	
40 05 19 00-2079	EA	4" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,596.78	279.44
		For Class 52 Rating, Deduct	*-239.07*	
		For Class 54 Rating, Add	*331.09*	
		For Class 55 Rating, Add	*494.83*	
		For Class 56 Rating, Add	*656.39*	
40 05 19 00-2080	EA	4" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,692.94	283.21
		For Class 52 Rating, Deduct	*-249.02*	
		For Class 54 Rating, Add	*344.73*	
		For Class 55 Rating, Add	*515.13*	
		For Class 56 Rating, Add	*683.28*	
40 05 19 00-2081	EA	4" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,789.10	286.98
		For Class 52 Rating, Deduct	*-258.97*	
		For Class 54 Rating, Add	*358.36*	
		For Class 55 Rating, Add	*535.44*	
		For Class 56 Rating, Add	*710.17*	
40 05 19 00-2082	EA	4" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,885.27	290.74
		For Class 52 Rating, Deduct	*-268.92*	
		For Class 54 Rating, Add	*372.00*	
		For Class 55 Rating, Add	*555.75*	
		For Class 56 Rating, Add	*737.06*	
40 05 19 00-2083	EA	4" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,981.43	294.51
		For Class 52 Rating, Deduct	*-278.87*	
		For Class 54 Rating, Add	*385.64*	
		For Class 55 Rating, Add	*576.06*	
		For Class 56 Rating, Add	*763.95*	
40 05 19 00-2084	EA	4" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,077.60	298.28
		For Class 52 Rating, Deduct	*-288.82*	
		For Class 54 Rating, Add	*399.27*	
		For Class 55 Rating, Add	*596.37*	
		For Class 56 Rating, Add	*790.84*	
40 05 19 00-2085	EA	4" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,173.77	302.04
		For Class 52 Rating, Deduct	*-298.77*	
		For Class 54 Rating, Add	*412.91*	
		For Class 55 Rating, Add	*616.68*	
		For Class 56 Rating, Add	*817.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2086	EA	4" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,269.93	305.81
		For Class 52 Rating, Deduct	*-308.72*	
		For Class 54 Rating, Add	*426.55*	
		For Class 55 Rating, Add	*636.99*	
		For Class 56 Rating, Add	*844.62*	
40 05 19 00-2087	EA	4" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,366.09	309.57
		For Class 52 Rating, Deduct	*-318.67*	
		For Class 54 Rating, Add	*440.18*	
		For Class 55 Rating, Add	*657.30*	
		For Class 56 Rating, Add	*871.51*	
40 05 19 00-2088	EA	4" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,462.26	313.34
		For Class 52 Rating, Deduct	*-328.63*	
		For Class 54 Rating, Add	*453.82*	
		For Class 55 Rating, Add	*677.61*	
		For Class 56 Rating, Add	*898.40*	
40 05 19 00-2089	EA	4" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,558.42	317.11
		For Class 52 Rating, Deduct	*-338.58*	
		For Class 54 Rating, Add	*467.46*	
		For Class 55 Rating, Add	*697.92*	
		For Class 56 Rating, Add	*925.29*	
40 05 19 00-2090	EA	4" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,654.59	320.87
		For Class 52 Rating, Deduct	*-348.53*	
		For Class 54 Rating, Add	*481.10*	
		For Class 55 Rating, Add	*718.23*	
		For Class 56 Rating, Add	*952.19*	
40 05 19 00-2091	EA	4" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,750.75	324.63
		For Class 52 Rating, Deduct	*-358.48*	
		For Class 54 Rating, Add	*494.73*	
		For Class 55 Rating, Add	*738.54*	
		For Class 56 Rating, Add	*979.08*	
40 05 19 00-2092	EA	4" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,846.92	328.41
		For Class 52 Rating, Deduct	*-368.43*	
		For Class 54 Rating, Add	*508.37*	
		For Class 55 Rating, Add	*758.84*	
		For Class 56 Rating, Add	*1,005.97*	
40 05 19 00-2093	EA	4" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,943.08	332.17
		For Class 52 Rating, Deduct	*-378.38*	
		For Class 54 Rating, Add	*522.01*	
		For Class 55 Rating, Add	*779.15*	
		For Class 56 Rating, Add	*1,032.86*	
40 05 19 00-2094	EA	4" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,039.24	335.93
		For Class 52 Rating, Deduct	*-388.33*	
		For Class 54 Rating, Add	*535.65*	
		For Class 55 Rating, Add	*799.46*	
		For Class 56 Rating, Add	*1,059.75*	
40 05 19 00-2095	EA	4" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,135.41	339.70
		For Class 52 Rating, Deduct	*-398.28*	
		For Class 54 Rating, Add	*549.28*	
		For Class 55 Rating, Add	*819.77*	
		For Class 56 Rating, Add	*1,086.64*	
40 05 19 00-2096	EA	4" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,231.58	343.47
		For Class 52 Rating, Deduct	*-408.23*	
		For Class 54 Rating, Add	*562.92*	
		For Class 55 Rating, Add	*840.08*	
		For Class 56 Rating, Add	*1,113.53*	
40 05 19 00-2097	EA	4" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,327.74	347.23
		For Class 52 Rating, Deduct	*-418.18*	
		For Class 54 Rating, Add	*576.56*	
		For Class 55 Rating, Add	*860.39*	
		For Class 56 Rating, Add	*1,140.42*	
40 05 19 00-2098	EA	4" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,423.90	351.00
		For Class 52 Rating, Deduct	*-428.13*	
		For Class 54 Rating, Add	*590.19*	
		For Class 55 Rating, Add	*880.70*	
		For Class 56 Rating, Add	*1,167.31*	
40 05 19 00-2099	EA	4" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,520.07	354.76
		For Class 52 Rating, Deduct	*-438.08*	
		For Class 54 Rating, Add	*603.83*	
		For Class 55 Rating, Add	*901.01*	
		For Class 56 Rating, Add	*1,194.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2100	EA	4" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,616.23	358.53
		For Class 52 Rating, Deduct	*-448.03*	
		For Class 54 Rating, Add	*617.47*	
		For Class 55 Rating, Add	*921.32*	
		For Class 56 Rating, Add	*1,221.09*	

40 05 19 00-2101 6" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2102	EA	6" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,203.55	271.16
		For Class 52 Rating, Deduct	*-87.20*	
		For Class 54 Rating, Add	*123.84*	
		For Class 55 Rating, Add	*186.63*	
		For Class 56 Rating, Add	*248.64*	
40 05 19 00-2103	EA	6" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,314.00	274.93
		For Class 52 Rating, Deduct	*-98.72*	
		For Class 54 Rating, Add	*139.61*	
		For Class 55 Rating, Add	*210.13*	
		For Class 56 Rating, Add	*279.74*	
40 05 19 00-2104	EA	6" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,424.44	278.69
		For Class 52 Rating, Deduct	*-110.24*	
		For Class 54 Rating, Add	*155.39*	
		For Class 55 Rating, Add	*233.62*	
		For Class 56 Rating, Add	*310.84*	
40 05 19 00-2105	EA	6" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,534.89	282.45
		For Class 52 Rating, Deduct	*-121.76*	
		For Class 54 Rating, Add	*171.17*	
		For Class 55 Rating, Add	*257.11*	
		For Class 56 Rating, Add	*341.95*	
40 05 19 00-2106	EA	6" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,645.33	286.23
		For Class 52 Rating, Deduct	*-133.28*	
		For Class 54 Rating, Add	*186.95*	
		For Class 55 Rating, Add	*280.61*	
		For Class 56 Rating, Add	*373.05*	
40 05 19 00-2107	EA	6" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,755.79	289.99
		For Class 52 Rating, Deduct	*-144.81*	
		For Class 54 Rating, Add	*202.73*	
		For Class 55 Rating, Add	*304.10*	
		For Class 56 Rating, Add	*404.16*	
40 05 19 00-2108	EA	6" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,866.24	293.75
		For Class 52 Rating, Deduct	*-156.33*	
		For Class 54 Rating, Add	*218.51*	
		For Class 55 Rating, Add	*327.60*	
		For Class 56 Rating, Add	*435.26*	
40 05 19 00-2109	EA	6" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,976.68	297.52
		For Class 52 Rating, Deduct	*-167.85*	
		For Class 54 Rating, Add	*234.29*	
		For Class 55 Rating, Add	*351.09*	
		For Class 56 Rating, Add	*466.37*	
40 05 19 00-2110	EA	6" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,087.12	301.29
		For Class 52 Rating, Deduct	*-179.37*	
		For Class 54 Rating, Add	*250.07*	
		For Class 55 Rating, Add	*374.59*	
		For Class 56 Rating, Add	*497.47*	
40 05 19 00-2111	EA	6" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,197.57	305.05
		For Class 52 Rating, Deduct	*-190.89*	
		For Class 54 Rating, Add	*265.85*	
		For Class 55 Rating, Add	*398.08*	
		For Class 56 Rating, Add	*528.57*	
40 05 19 00-2112	EA	6" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,308.01	308.82
		For Class 52 Rating, Deduct	*-202.41*	
		For Class 54 Rating, Add	*281.63*	
		For Class 55 Rating, Add	*421.57*	
		For Class 56 Rating, Add	*559.68*	
40 05 19 00-2113	EA	6" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,418.46	312.59
		For Class 52 Rating, Deduct	*-213.93*	
		For Class 54 Rating, Add	*297.41*	
		For Class 55 Rating, Add	*445.07*	
		For Class 56 Rating, Add	*590.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2114	EA	6" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,528.91	316.35
		For Class 52 Rating, Deduct	*-225.45*	
		For Class 54 Rating, Add	*313.19*	
		For Class 55 Rating, Add	*468.56*	
		For Class 56 Rating, Add	*621.88*	
40 05 19 00-2115	EA	6" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,639.35	320.12
		For Class 52 Rating, Deduct	*-236.98*	
		For Class 54 Rating, Add	*328.97*	
		For Class 55 Rating, Add	*492.06*	
		For Class 56 Rating, Add	*652.99*	
40 05 19 00-2116	EA	6" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,749.81	323.88
		For Class 52 Rating, Deduct	*-248.50*	
		For Class 54 Rating, Add	*344.75*	
		For Class 55 Rating, Add	*515.55*	
		For Class 56 Rating, Add	*684.09*	
40 05 19 00-2117	EA	6" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,860.26	327.65
		For Class 52 Rating, Deduct	*-260.02*	
		For Class 54 Rating, Add	*360.53*	
		For Class 55 Rating, Add	*539.05*	
		For Class 56 Rating, Add	*715.20*	
40 05 19 00-2118	EA	6" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,970.70	331.42
		For Class 52 Rating, Deduct	*-271.54*	
		For Class 54 Rating, Add	*376.31*	
		For Class 55 Rating, Add	*562.54*	
		For Class 56 Rating, Add	*746.30*	
40 05 19 00-2119	EA	6" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,081.15	335.18
		For Class 52 Rating, Deduct	*-283.06*	
		For Class 54 Rating, Add	*392.09*	
		For Class 55 Rating, Add	*586.03*	
		For Class 56 Rating, Add	*777.41*	
40 05 19 00-2120	EA	6" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,191.60	338.94
		For Class 52 Rating, Deduct	*-294.58*	
		For Class 54 Rating, Add	*407.87*	
		For Class 55 Rating, Add	*609.53*	
		For Class 56 Rating, Add	*808.51*	
40 05 19 00-2121	EA	6" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,302.04	342.72
		For Class 52 Rating, Deduct	*-306.11*	
		For Class 54 Rating, Add	*423.65*	
		For Class 55 Rating, Add	*633.02*	
		For Class 56 Rating, Add	*839.61*	
40 05 19 00-2122	EA	6" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,412.49	346.48
		For Class 52 Rating, Deduct	*-317.63*	
		For Class 54 Rating, Add	*439.43*	
		For Class 55 Rating, Add	*656.52*	
		For Class 56 Rating, Add	*870.72*	
40 05 19 00-2123	EA	6" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,522.94	350.25
		For Class 52 Rating, Deduct	*-329.15*	
		For Class 54 Rating, Add	*455.21*	
		For Class 55 Rating, Add	*680.01*	
		For Class 56 Rating, Add	*901.82*	
40 05 19 00-2124	EA	6" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,633.38	354.01
		For Class 52 Rating, Deduct	*-340.67*	
		For Class 54 Rating, Add	*470.99*	
		For Class 55 Rating, Add	*703.50*	
		For Class 56 Rating, Add	*932.92*	
40 05 19 00-2125	EA	6" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,743.84	357.78
		For Class 52 Rating, Deduct	*-352.19*	
		For Class 54 Rating, Add	*486.77*	
		For Class 55 Rating, Add	*727.00*	
		For Class 56 Rating, Add	*964.03*	
40 05 19 00-2126	EA	6" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,854.28	361.55
		For Class 52 Rating, Deduct	*-363.71*	
		For Class 54 Rating, Add	*502.55*	
		For Class 55 Rating, Add	*750.49*	
		For Class 56 Rating, Add	*995.13*	
40 05 19 00-2127	EA	6" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,964.73	365.31
		For Class 52 Rating, Deduct	*-375.24*	
		For Class 54 Rating, Add	*518.33*	
		For Class 55 Rating, Add	*773.99*	
		For Class 56 Rating, Add	*1,026.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2128	EA	6" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,075.18	369.07
		For Class 52 Rating, Deduct	*-386.76*	
		For Class 54 Rating, Add	*534.11*	
		For Class 55 Rating, Add	*797.48*	
		For Class 56 Rating, Add	*1,057.34*	
40 05 19 00-2129	EA	6" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,185.62	372.85
		For Class 52 Rating, Deduct	*-398.28*	
		For Class 54 Rating, Add	*549.89*	
		For Class 55 Rating, Add	*820.98*	
		For Class 56 Rating, Add	*1,088.45*	
40 05 19 00-2130	EA	6" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,296.07	376.61
		For Class 52 Rating, Deduct	*-409.80*	
		For Class 54 Rating, Add	*565.66*	
		For Class 55 Rating, Add	*844.47*	
		For Class 56 Rating, Add	*1,119.55*	
40 05 19 00-2131	EA	6" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,406.52	380.37
		For Class 52 Rating, Deduct	*-421.32*	
		For Class 54 Rating, Add	*581.44*	
		For Class 55 Rating, Add	*867.96*	
		For Class 56 Rating, Add	*1,150.65*	
40 05 19 00-2132	EA	6" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,516.96	384.14
		For Class 52 Rating, Deduct	*-432.84*	
		For Class 54 Rating, Add	*597.22*	
		For Class 55 Rating, Add	*891.46*	
		For Class 56 Rating, Add	*1,181.76*	
40 05 19 00-2133	EA	6" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,627.41	387.91
		For Class 52 Rating, Deduct	*-444.36*	
		For Class 54 Rating, Add	*613.00*	
		For Class 55 Rating, Add	*914.95*	
		For Class 56 Rating, Add	*1,212.86*	
40 05 19 00-2134	EA	6" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,737.87	391.67
		For Class 52 Rating, Deduct	*-455.89*	
		For Class 54 Rating, Add	*628.78*	
		For Class 55 Rating, Add	*938.45*	
		For Class 56 Rating, Add	*1,243.97*	
40 05 19 00-2135	EA	6" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,848.31	395.44
		For Class 52 Rating, Deduct	*-467.41*	
		For Class 54 Rating, Add	*644.56*	
		For Class 55 Rating, Add	*961.94*	
		For Class 56 Rating, Add	*1,275.07*	
40 05 19 00-2136	EA	6" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,958.76	399.20
		For Class 52 Rating, Deduct	*-478.93*	
		For Class 54 Rating, Add	*660.34*	
		For Class 55 Rating, Add	*985.44*	
		For Class 56 Rating, Add	*1,306.18*	
40 05 19 00-2137	EA	6" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,069.21	402.97
		For Class 52 Rating, Deduct	*-490.45*	
		For Class 54 Rating, Add	*676.12*	
		For Class 55 Rating, Add	*1,008.93*	
		For Class 56 Rating, Add	*1,337.28*	
40 05 19 00-2138	EA	6" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,179.65	406.74
		For Class 52 Rating, Deduct	*-501.97*	
		For Class 54 Rating, Add	*691.90*	
		For Class 55 Rating, Add	*1,032.42*	
		For Class 56 Rating, Add	*1,368.38*	
40 05 19 00-2139	EA	6" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,290.10	410.50
		For Class 52 Rating, Deduct	*-513.49*	
		For Class 54 Rating, Add	*707.68*	
		For Class 55 Rating, Add	*1,055.92*	
		For Class 56 Rating, Add	*1,399.49*	
40 05 19 00-2140	EA	6" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,400.55	414.27
		For Class 52 Rating, Deduct	*-525.01*	
		For Class 54 Rating, Add	*723.46*	
		For Class 55 Rating, Add	*1,079.41*	
		For Class 56 Rating, Add	*1,430.59*	

40 05 19 00-2141 8" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2142	EA	8" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,669.98	346.48
		For Class 52 Rating, Deduct	*-125.95*	
		For Class 54 Rating, Add	*178.05*	
		For Class 55 Rating, Add	*267.94*	
		For Class 56 Rating, Add	*356.68*	
40 05 19 00-2143	EA	8" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,811.38	350.25
		For Class 52 Rating, Deduct	*-140.88*	
		For Class 54 Rating, Add	*198.47*	
		For Class 55 Rating, Add	*298.33*	
		For Class 56 Rating, Add	*396.91*	
40 05 19 00-2144	EA	8" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,952.77	354.01
		For Class 52 Rating, Deduct	*-155.80*	
		For Class 54 Rating, Add	*218.90*	
		For Class 55 Rating, Add	*328.73*	
		For Class 56 Rating, Add	*437.14*	
40 05 19 00-2145	EA	8" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,094.16	357.78
		For Class 52 Rating, Deduct	*-170.73*	
		For Class 54 Rating, Add	*239.32*	
		For Class 55 Rating, Add	*359.12*	
		For Class 56 Rating, Add	*477.38*	
40 05 19 00-2146	EA	8" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,235.55	361.55
		For Class 52 Rating, Deduct	*-185.65*	
		For Class 54 Rating, Add	*259.74*	
		For Class 55 Rating, Add	*389.52*	
		For Class 56 Rating, Add	*517.61*	
40 05 19 00-2147	EA	8" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,376.95	365.31
		For Class 52 Rating, Deduct	*-200.58*	
		For Class 54 Rating, Add	*280.16*	
		For Class 55 Rating, Add	*419.91*	
		For Class 56 Rating, Add	*557.84*	
40 05 19 00-2148	EA	8" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,518.35	369.07
		For Class 52 Rating, Deduct	*-215.51*	
		For Class 54 Rating, Add	*300.58*	
		For Class 55 Rating, Add	*450.31*	
		For Class 56 Rating, Add	*598.08*	
40 05 19 00-2149	EA	8" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,659.73	372.85
		For Class 52 Rating, Deduct	*-230.43*	
		For Class 54 Rating, Add	*321.00*	
		For Class 55 Rating, Add	*480.70*	
		For Class 56 Rating, Add	*638.31*	
40 05 19 00-2150	EA	8" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,801.13	376.61
		For Class 52 Rating, Deduct	*-245.36*	
		For Class 54 Rating, Add	*341.42*	
		For Class 55 Rating, Add	*511.10*	
		For Class 56 Rating, Add	*678.54*	
40 05 19 00-2151	EA	8" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,942.53	380.37
		For Class 52 Rating, Deduct	*-260.28*	
		For Class 54 Rating, Add	*361.85*	
		For Class 55 Rating, Add	*541.49*	
		For Class 56 Rating, Add	*718.78*	
40 05 19 00-2152	EA	8" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,083.91	384.14
		For Class 52 Rating, Deduct	*-275.21*	
		For Class 54 Rating, Add	*382.27*	
		For Class 55 Rating, Add	*571.89*	
		For Class 56 Rating, Add	*759.01*	
40 05 19 00-2153	EA	8" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,225.31	387.91
		For Class 52 Rating, Deduct	*-290.13*	
		For Class 54 Rating, Add	*402.69*	
		For Class 55 Rating, Add	*602.28*	
		For Class 56 Rating, Add	*799.24*	
40 05 19 00-2154	EA	8" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,366.71	391.67
		For Class 52 Rating, Deduct	*-305.06*	
		For Class 54 Rating, Add	*423.11*	
		For Class 55 Rating, Add	*632.68*	
		For Class 56 Rating, Add	*839.48*	
40 05 19 00-2155	EA	8" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,508.10	395.44
		For Class 52 Rating, Deduct	*-319.98*	
		For Class 54 Rating, Add	*443.53*	
		For Class 55 Rating, Add	*663.08*	
		For Class 56 Rating, Add	*879.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2156	EA	8" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,649.49	399.20
		For Class 52 Rating, Deduct	*-334.91*	
		For Class 54 Rating, Add	*463.95*	
		For Class 55 Rating, Add	*693.47*	
		For Class 56 Rating, Add	*919.94*	
40 05 19 00-2157	EA	8" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,790.89	402.97
		For Class 52 Rating, Deduct	*-349.84*	
		For Class 54 Rating, Add	*484.37*	
		For Class 55 Rating, Add	*723.87*	
		For Class 56 Rating, Add	*960.17*	
40 05 19 00-2158	EA	8" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,932.28	406.74
		For Class 52 Rating, Deduct	*-364.76*	
		For Class 54 Rating, Add	*504.80*	
		For Class 55 Rating, Add	*754.26*	
		For Class 56 Rating, Add	*1,000.41*	
40 05 19 00-2159	EA	8" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,073.68	410.50
		For Class 52 Rating, Deduct	*-379.69*	
		For Class 54 Rating, Add	*525.22*	
		For Class 55 Rating, Add	*784.66*	
		For Class 56 Rating, Add	*1,040.64*	
40 05 19 00-2160	EA	8" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,215.07	414.27
		For Class 52 Rating, Deduct	*-394.61*	
		For Class 54 Rating, Add	*545.64*	
		For Class 55 Rating, Add	*815.05*	
		For Class 56 Rating, Add	*1,080.87*	
40 05 19 00-2161	EA	8" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,356.46	418.04
		For Class 52 Rating, Deduct	*-409.54*	
		For Class 54 Rating, Add	*566.06*	
		For Class 55 Rating, Add	*845.45*	
		For Class 56 Rating, Add	*1,121.11*	
40 05 19 00-2162	EA	8" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,497.85	421.80
		For Class 52 Rating, Deduct	*-424.46*	
		For Class 54 Rating, Add	*586.48*	
		For Class 55 Rating, Add	*875.84*	
		For Class 56 Rating, Add	*1,161.34*	
40 05 19 00-2163	EA	8" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,639.25	425.56
		For Class 52 Rating, Deduct	*-439.39*	
		For Class 54 Rating, Add	*606.91*	
		For Class 55 Rating, Add	*906.24*	
		For Class 56 Rating, Add	*1,201.58*	
40 05 19 00-2164	EA	8" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,780.63	429.34
		For Class 52 Rating, Deduct	*-454.31*	
		For Class 54 Rating, Add	*627.33*	
		For Class 55 Rating, Add	*936.63*	
		For Class 56 Rating, Add	*1,241.81*	
40 05 19 00-2165	EA	8" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,922.03	433.10
		For Class 52 Rating, Deduct	*-469.24*	
		For Class 54 Rating, Add	*647.75*	
		For Class 55 Rating, Add	*967.03*	
		For Class 56 Rating, Add	*1,282.04*	
40 05 19 00-2166	EA	8" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,063.42	436.87
		For Class 52 Rating, Deduct	*-484.17*	
		For Class 54 Rating, Add	*668.17*	
		For Class 55 Rating, Add	*997.42*	
		For Class 56 Rating, Add	*1,322.27*	
40 05 19 00-2167	EA	8" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,204.81	440.63
		For Class 52 Rating, Deduct	*-499.09*	
		For Class 54 Rating, Add	*688.59*	
		For Class 55 Rating, Add	*1,027.82*	
		For Class 56 Rating, Add	*1,362.51*	
40 05 19 00-2168	EA	8" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,346.21	444.40
		For Class 52 Rating, Deduct	*-514.02*	
		For Class 54 Rating, Add	*709.01*	
		For Class 55 Rating, Add	*1,058.21*	
		For Class 56 Rating, Add	*1,402.74*	
40 05 19 00-2169	EA	8" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,487.60	448.17
		For Class 52 Rating, Deduct	*-528.94*	
		For Class 54 Rating, Add	*729.43*	
		For Class 55 Rating, Add	*1,088.61*	
		For Class 56 Rating, Add	*1,442.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2170	EA	8" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,629.00	451.93
		For Class 52 Rating, Deduct	*-543.87*	
		For Class 54 Rating, Add	*749.86*	
		For Class 55 Rating, Add	*1,119.00*	
		For Class 56 Rating, Add	*1,483.21*	
40 05 19 00-2171	EA	8" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,770.39	455.69
		For Class 52 Rating, Deduct	*-558.79*	
		For Class 54 Rating, Add	*770.28*	
		For Class 55 Rating, Add	*1,149.40*	
		For Class 56 Rating, Add	*1,523.44*	
40 05 19 00-2172	EA	8" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,911.78	459.47
		For Class 52 Rating, Deduct	*-573.72*	
		For Class 54 Rating, Add	*790.70*	
		For Class 55 Rating, Add	*1,179.79*	
		For Class 56 Rating, Add	*1,563.67*	
40 05 19 00-2173	EA	8" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,053.18	463.23
		For Class 52 Rating, Deduct	*-588.65*	
		For Class 54 Rating, Add	*811.12*	
		For Class 55 Rating, Add	*1,210.19*	
		For Class 56 Rating, Add	*1,603.91*	
40 05 19 00-2174	EA	8" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,194.58	466.99
		For Class 52 Rating, Deduct	*-603.57*	
		For Class 54 Rating, Add	*831.54*	
		For Class 55 Rating, Add	*1,240.58*	
		For Class 56 Rating, Add	*1,644.14*	
40 05 19 00-2175	EA	8" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,335.96	470.76
		For Class 52 Rating, Deduct	*-618.50*	
		For Class 54 Rating, Add	*851.96*	
		For Class 55 Rating, Add	*1,270.98*	
		For Class 56 Rating, Add	*1,684.37*	
40 05 19 00-2176	EA	8" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,477.36	474.53
		For Class 52 Rating, Deduct	*-633.42*	
		For Class 54 Rating, Add	*872.38*	
		For Class 55 Rating, Add	*1,301.37*	
		For Class 56 Rating, Add	*1,724.61*	
40 05 19 00-2177	EA	8" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,618.76	478.29
		For Class 52 Rating, Deduct	*-648.35*	
		For Class 54 Rating, Add	*892.81*	
		For Class 55 Rating, Add	*1,331.77*	
		For Class 56 Rating, Add	*1,764.84*	
40 05 19 00-2178	EA	8" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,760.15	482.06
		For Class 52 Rating, Deduct	*-663.27*	
		For Class 54 Rating, Add	*913.23*	
		For Class 55 Rating, Add	*1,362.17*	
		For Class 56 Rating, Add	*1,805.07*	
40 05 19 00-2179	EA	8" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,901.54	485.82
		For Class 52 Rating, Deduct	*-678.20*	
		For Class 54 Rating, Add	*933.65*	
		For Class 55 Rating, Add	*1,392.56*	
		For Class 56 Rating, Add	*1,845.30*	
40 05 19 00-2180	EA	8" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,042.94	489.59
		For Class 52 Rating, Deduct	*-693.12*	
		For Class 54 Rating, Add	*954.07*	
		For Class 55 Rating, Add	*1,422.96*	
		For Class 56 Rating, Add	*1,885.54*	
40 05 19 00-2181		10" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*		
40 05 19 00-2182	EA	10" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,105.47	421.80
		For Class 52 Rating, Deduct	*-161.30*	
		For Class 54 Rating, Add	*227.63*	
		For Class 55 Rating, Add	*342.34*	
		For Class 56 Rating, Add	*455.59*	
40 05 19 00-2183	EA	10" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,287.33	425.56
		For Class 52 Rating, Deduct	*-180.68*	
		For Class 54 Rating, Add	*254.12*	
		For Class 55 Rating, Add	*381.76*	
		For Class 56 Rating, Add	*507.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2184	EA	10" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,469.19	429.34
		For Class 52 Rating, Deduct	*-200.06*	
		For Class 54 Rating, Add	*280.61*	
		For Class 55 Rating, Add	*421.18*	
		For Class 56 Rating, Add	*559.93*	
40 05 19 00-2185	EA	10" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,651.05	433.10
		For Class 52 Rating, Deduct	*-219.43*	
		For Class 54 Rating, Add	*307.10*	
		For Class 55 Rating, Add	*460.60*	
		For Class 56 Rating, Add	*612.10*	
40 05 19 00-2186	EA	10" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,832.91	436.87
		For Class 52 Rating, Deduct	*-238.81*	
		For Class 54 Rating, Add	*333.59*	
		For Class 55 Rating, Add	*500.02*	
		For Class 56 Rating, Add	*664.27*	
40 05 19 00-2187	EA	10" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,014.77	440.63
		For Class 52 Rating, Deduct	*-258.19*	
		For Class 54 Rating, Add	*360.08*	
		For Class 55 Rating, Add	*539.44*	
		For Class 56 Rating, Add	*716.44*	
40 05 19 00-2188	EA	10" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,196.64	444.40
		For Class 52 Rating, Deduct	*-277.56*	
		For Class 54 Rating, Add	*386.58*	
		For Class 55 Rating, Add	*578.86*	
		For Class 56 Rating, Add	*768.62*	
40 05 19 00-2189	EA	10" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,378.49	448.17
		For Class 52 Rating, Deduct	*-296.94*	
		For Class 54 Rating, Add	*413.07*	
		For Class 55 Rating, Add	*618.28*	
		For Class 56 Rating, Add	*820.79*	
40 05 19 00-2190	EA	10" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,560.36	451.93
		For Class 52 Rating, Deduct	*-316.32*	
		For Class 54 Rating, Add	*439.56*	
		For Class 55 Rating, Add	*657.70*	
		For Class 56 Rating, Add	*872.96*	
40 05 19 00-2191	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,742.23	455.69
		For Class 52 Rating, Deduct	*-335.70*	
		For Class 54 Rating, Add	*466.05*	
		For Class 55 Rating, Add	*697.12*	
		For Class 56 Rating, Add	*925.13*	
40 05 19 00-2192	EA	10" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,924.08	459.47
		For Class 52 Rating, Deduct	*-355.07*	
		For Class 54 Rating, Add	*492.54*	
		For Class 55 Rating, Add	*736.54*	
		For Class 56 Rating, Add	*977.30*	
40 05 19 00-2193	EA	10" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,105.95	463.23
		For Class 52 Rating, Deduct	*-374.45*	
		For Class 54 Rating, Add	*519.04*	
		For Class 55 Rating, Add	*775.96*	
		For Class 56 Rating, Add	*1,029.47*	
40 05 19 00-2194	EA	10" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,287.81	466.99
		For Class 52 Rating, Deduct	*-393.83*	
		For Class 54 Rating, Add	*545.53*	
		For Class 55 Rating, Add	*815.38*	
		For Class 56 Rating, Add	*1,081.64*	
40 05 19 00-2195	EA	10" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,469.67	470.76
		For Class 52 Rating, Deduct	*-413.20*	
		For Class 54 Rating, Add	*572.02*	
		For Class 55 Rating, Add	*854.80*	
		For Class 56 Rating, Add	*1,133.82*	
40 05 19 00-2196	EA	10" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,651.53	474.53
		For Class 52 Rating, Deduct	*-432.58*	
		For Class 54 Rating, Add	*598.51*	
		For Class 55 Rating, Add	*894.21*	
		For Class 56 Rating, Add	*1,185.99*	
40 05 19 00-2197	EA	10" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,833.40	478.29
		For Class 52 Rating, Deduct	*-451.96*	
		For Class 54 Rating, Add	*625.00*	
		For Class 55 Rating, Add	*933.63*	
		For Class 56 Rating, Add	*1,238.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2198	EA	10" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,015.25	482.06
		For Class 52 Rating, Deduct	*-471.33*	
		For Class 54 Rating, Add	*651.49*	
		For Class 55 Rating, Add	*973.05*	
		For Class 56 Rating, Add	*1,290.33*	
40 05 19 00-2199	EA	10" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,197.12	485.82
		For Class 52 Rating, Deduct	*-490.71*	
		For Class 54 Rating, Add	*677.99*	
		For Class 55 Rating, Add	*1,012.47*	
		For Class 56 Rating, Add	*1,342.50*	
40 05 19 00-2200	EA	10" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,378.99	489.59
		For Class 52 Rating, Deduct	*-510.09*	
		For Class 54 Rating, Add	*704.48*	
		For Class 55 Rating, Add	*1,051.89*	
		For Class 56 Rating, Add	*1,394.67*	
40 05 19 00-2201	EA	10" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,560.84	493.36
		For Class 52 Rating, Deduct	*-529.47*	
		For Class 54 Rating, Add	*730.97*	
		For Class 55 Rating, Add	*1,091.31*	
		For Class 56 Rating, Add	*1,446.84*	
40 05 19 00-2202	EA	10" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,742.71	497.12
		For Class 52 Rating, Deduct	*-548.84*	
		For Class 54 Rating, Add	*757.46*	
		For Class 55 Rating, Add	*1,130.73*	
		For Class 56 Rating, Add	*1,499.02*	
40 05 19 00-2203	EA	10" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,924.57	500.88
		For Class 52 Rating, Deduct	*-568.22*	
		For Class 54 Rating, Add	*783.95*	
		For Class 55 Rating, Add	*1,170.15*	
		For Class 56 Rating, Add	*1,551.19*	
40 05 19 00-2204	EA	10" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,106.43	504.66
		For Class 52 Rating, Deduct	*-587.60*	
		For Class 54 Rating, Add	*810.45*	
		For Class 55 Rating, Add	*1,209.57*	
		For Class 56 Rating, Add	*1,603.36*	
40 05 19 00-2205	EA	10" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,288.29	508.42
		For Class 52 Rating, Deduct	*-606.97*	
		For Class 54 Rating, Add	*836.94*	
		For Class 55 Rating, Add	*1,248.99*	
		For Class 56 Rating, Add	*1,655.53*	
40 05 19 00-2206	EA	10" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,470.16	512.19
		For Class 52 Rating, Deduct	*-626.35*	
		For Class 54 Rating, Add	*863.43*	
		For Class 55 Rating, Add	*1,288.41*	
		For Class 56 Rating, Add	*1,707.70*	
40 05 19 00-2207	EA	10" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,652.01	515.96
		For Class 52 Rating, Deduct	*-645.73*	
		For Class 54 Rating, Add	*889.92*	
		For Class 55 Rating, Add	*1,327.83*	
		For Class 56 Rating, Add	*1,759.87*	
40 05 19 00-2208	EA	10" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,833.88	519.72
		For Class 52 Rating, Deduct	*-665.11*	
		For Class 54 Rating, Add	*916.41*	
		For Class 55 Rating, Add	*1,367.25*	
		For Class 56 Rating, Add	*1,812.04*	
40 05 19 00-2209	EA	10" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,015.73	523.49
		For Class 52 Rating, Deduct	*-684.48*	
		For Class 54 Rating, Add	*942.90*	
		For Class 55 Rating, Add	*1,406.67*	
		For Class 56 Rating, Add	*1,864.21*	
40 05 19 00-2210	EA	10" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,197.60	527.25
		For Class 52 Rating, Deduct	*-703.86*	
		For Class 54 Rating, Add	*969.40*	
		For Class 55 Rating, Add	*1,446.09*	
		For Class 56 Rating, Add	*1,916.38*	
40 05 19 00-2211	EA	10" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,379.47	531.02
		For Class 52 Rating, Deduct	*-723.24*	
		For Class 54 Rating, Add	*995.89*	
		For Class 55 Rating, Add	*1,485.51*	
		For Class 56 Rating, Add	*1,968.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2212	EA	10" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,561.32	534.79
		For Class 52 Rating, Deduct	*-742.61*	
		For Class 54 Rating, Add	*1,022.38*	
		For Class 55 Rating, Add	*1,524.93*	
		For Class 56 Rating, Add	*2,020.73*	
40 05 19 00-2213	EA	10" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,743.19	538.55
		For Class 52 Rating, Deduct	*-761.99*	
		For Class 54 Rating, Add	*1,048.87*	
		For Class 55 Rating, Add	*1,564.35*	
		For Class 56 Rating, Add	*2,072.90*	
40 05 19 00-2214	EA	10" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,925.04	542.31
		For Class 52 Rating, Deduct	*-781.37*	
		For Class 54 Rating, Add	*1,075.36*	
		For Class 55 Rating, Add	*1,603.77*	
		For Class 56 Rating, Add	*2,125.07*	
40 05 19 00-2215	EA	10" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,106.90	546.09
		For Class 52 Rating, Deduct	*-800.75*	
		For Class 54 Rating, Add	*1,101.86*	
		For Class 55 Rating, Add	*1,643.19*	
		For Class 56 Rating, Add	*2,177.24*	
40 05 19 00-2216	EA	10" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,288.76	549.85
		For Class 52 Rating, Deduct	*-820.12*	
		For Class 54 Rating, Add	*1,128.35*	
		For Class 55 Rating, Add	*1,682.61*	
		For Class 56 Rating, Add	*2,229.41*	
40 05 19 00-2217	EA	10" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,470.63	553.61
		For Class 52 Rating, Deduct	*-839.50*	
		For Class 54 Rating, Add	*1,154.84*	
		For Class 55 Rating, Add	*1,722.03*	
		For Class 56 Rating, Add	*2,281.58*	
40 05 19 00-2218	EA	10" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,652.48	557.38
		For Class 52 Rating, Deduct	*-858.88*	
		For Class 54 Rating, Add	*1,181.33*	
		For Class 55 Rating, Add	*1,761.45*	
		For Class 56 Rating, Add	*2,333.75*	
40 05 19 00-2219	EA	10" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,834.35	561.15
		For Class 52 Rating, Deduct	*-878.25*	
		For Class 54 Rating, Add	*1,207.82*	
		For Class 55 Rating, Add	*1,800.87*	
		For Class 56 Rating, Add	*2,385.93*	
40 05 19 00-2220	EA	10" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,016.22	564.91
		For Class 52 Rating, Deduct	*-897.63*	
		For Class 54 Rating, Add	*1,234.31*	
		For Class 55 Rating, Add	*1,840.29*	
		For Class 56 Rating, Add	*2,438.10*	
40 05 19 00-2221		12" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*		
40 05 19 00-2222	EA	12" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,750.86	527.25
		For Class 52 Rating, Deduct	*-214.72*	
		For Class 54 Rating, Add	*302.38*	
		For Class 55 Rating, Add	*454.47*	
		For Class 56 Rating, Add	*604.60*	
40 05 19 00-2223	EA	12" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,975.58	531.02
		For Class 52 Rating, Deduct	*-238.81*	
		For Class 54 Rating, Add	*335.30*	
		For Class 55 Rating, Add	*503.44*	
		For Class 56 Rating, Add	*669.41*	
40 05 19 00-2224	EA	12" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,200.28	534.79
		For Class 52 Rating, Deduct	*-262.90*	
		For Class 54 Rating, Add	*368.22*	
		For Class 55 Rating, Add	*552.42*	
		For Class 56 Rating, Add	*734.22*	
40 05 19 00-2225	EA	12" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,425.00	538.55
		For Class 52 Rating, Deduct	*-286.99*	
		For Class 54 Rating, Add	*401.14*	
		For Class 55 Rating, Add	*601.39*	
		For Class 56 Rating, Add	*799.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2226	EA	12" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,649.70	542.31
		For Class 52 Rating, Deduct	*-311.08*	
		For Class 54 Rating, Add	*434.06*	
		For Class 55 Rating, Add	*650.37*	
		For Class 56 Rating, Add	*863.84*	
40 05 19 00-2227	EA	12" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,874.40	546.09
		For Class 52 Rating, Deduct	*-335.17*	
		For Class 54 Rating, Add	*466.98*	
		For Class 55 Rating, Add	*699.34*	
		For Class 56 Rating, Add	*928.65*	
40 05 19 00-2228	EA	12" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,099.12	549.85
		For Class 52 Rating, Deduct	*-359.26*	
		For Class 54 Rating, Add	*499.90*	
		For Class 55 Rating, Add	*748.32*	
		For Class 56 Rating, Add	*998.47*	
40 05 19 00-2229	EA	12" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,323.83	553.61
		For Class 52 Rating, Deduct	*-383.35*	
		For Class 54 Rating, Add	*532.82*	
		For Class 55 Rating, Add	*797.29*	
		For Class 56 Rating, Add	*1,058.28*	
40 05 19 00-2230	EA	12" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,548.54	557.38
		For Class 52 Rating, Deduct	*-407.44*	
		For Class 54 Rating, Add	*565.74*	
		For Class 55 Rating, Add	*846.27*	
		For Class 56 Rating, Add	*1,123.09*	
40 05 19 00-2231	EA	12" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,773.25	561.15
		For Class 52 Rating, Deduct	*-431.53*	
		For Class 54 Rating, Add	*598.66*	
		For Class 55 Rating, Add	*895.24*	
		For Class 56 Rating, Add	*1,187.90*	
40 05 19 00-2232	EA	12" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,997.97	564.91
		For Class 52 Rating, Deduct	*-455.62*	
		For Class 54 Rating, Add	*631.58*	
		For Class 55 Rating, Add	*944.22*	
		For Class 56 Rating, Add	*1,252.72*	
40 05 19 00-2233	EA	12" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,222.67	568.68
		For Class 52 Rating, Deduct	*-479.71*	
		For Class 54 Rating, Add	*664.50*	
		For Class 55 Rating, Add	*993.19*	
		For Class 56 Rating, Add	*1,317.53*	
40 05 19 00-2234	EA	12" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,447.38	572.44
		For Class 52 Rating, Deduct	*-503.80*	
		For Class 54 Rating, Add	*697.41*	
		For Class 55 Rating, Add	*1,042.17*	
		For Class 56 Rating, Add	*1,382.34*	
40 05 19 00-2235	EA	12" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,672.10	576.21
		For Class 52 Rating, Deduct	*-527.90*	
		For Class 54 Rating, Add	*730.33*	
		For Class 55 Rating, Add	*1,091.14*	
		For Class 56 Rating, Add	*1,447.15*	
40 05 19 00-2236	EA	12" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,896.80	579.98
		For Class 52 Rating, Deduct	*-551.99*	
		For Class 54 Rating, Add	*763.25*	
		For Class 55 Rating, Add	*1,140.12*	
		For Class 56 Rating, Add	*1,511.96*	
40 05 19 00-2237	EA	12" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,121.52	583.74
		For Class 52 Rating, Deduct	*-576.08*	
		For Class 54 Rating, Add	*796.17*	
		For Class 55 Rating, Add	*1,189.09*	
		For Class 56 Rating, Add	*1,576.77*	
40 05 19 00-2238	EA	12" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,346.23	587.51
		For Class 52 Rating, Deduct	*-600.17*	
		For Class 54 Rating, Add	*829.09*	
		For Class 55 Rating, Add	*1,238.07*	
		For Class 56 Rating, Add	*1,641.58*	
40 05 19 00-2239	EA	12" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,570.93	591.28
		For Class 52 Rating, Deduct	*-624.26*	
		For Class 54 Rating, Add	*862.01*	
		For Class 55 Rating, Add	*1,287.04*	
		For Class 56 Rating, Add	*1,706.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2240	EA	12" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,795.65	595.04
		For Class 52 Rating, Deduct	*-648.35*	
		For Class 54 Rating, Add	*894.93*	
		For Class 55 Rating, Add	*1,336.02*	
		For Class 56 Rating, Add	*1,771.21*	
40 05 19 00-2241	EA	12" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,020.35	598.81
		For Class 52 Rating, Deduct	*-672.44*	
		For Class 54 Rating, Add	*927.85*	
		For Class 55 Rating, Add	*1,384.99*	
		For Class 56 Rating, Add	*1,836.02*	
40 05 19 00-2242	EA	12" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,245.07	602.57
		For Class 52 Rating, Deduct	*-696.53*	
		For Class 54 Rating, Add	*960.77*	
		For Class 55 Rating, Add	*1,433.97*	
		For Class 56 Rating, Add	*1,900.83*	
40 05 19 00-2243	EA	12" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,469.78	606.34
		For Class 52 Rating, Deduct	*-720.62*	
		For Class 54 Rating, Add	*993.69*	
		For Class 55 Rating, Add	*1,482.94*	
		For Class 56 Rating, Add	*1,965.64*	
40 05 19 00-2244	EA	12" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,694.49	610.11
		For Class 52 Rating, Deduct	*-744.71*	
		For Class 54 Rating, Add	*1,026.61*	
		For Class 55 Rating, Add	*1,531.92*	
		For Class 56 Rating, Add	*2,030.45*	
40 05 19 00-2245	EA	12" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,919.20	613.87
		For Class 52 Rating, Deduct	*-768.80*	
		For Class 54 Rating, Add	*1,059.52*	
		For Class 55 Rating, Add	*1,580.89*	
		For Class 56 Rating, Add	*2,095.27*	
40 05 19 00-2246	EA	12" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,141.53	617.64
		For Class 52 Rating, Deduct	*-792.63*	
		For Class 54 Rating, Add	*1,092.09*	
		For Class 55 Rating, Add	*1,629.33*	
		For Class 56 Rating, Add	*2,159.37*	
40 05 19 00-2247	EA	12" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,368.62	621.41
		For Class 52 Rating, Deduct	*-816.98*	
		For Class 54 Rating, Add	*1,125.36*	
		For Class 55 Rating, Add	*1,678.84*	
		For Class 56 Rating, Add	*2,224.89*	
40 05 19 00-2248	EA	12" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,593.33	625.17
		For Class 52 Rating, Deduct	*-841.07*	
		For Class 54 Rating, Add	*1,158.28*	
		For Class 55 Rating, Add	*1,727.81*	
		For Class 56 Rating, Add	*2,289.70*	
40 05 19 00-2249	EA	12" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,818.05	628.93
		For Class 52 Rating, Deduct	*-865.16*	
		For Class 54 Rating, Add	*1,191.20*	
		For Class 55 Rating, Add	*1,776.79*	
		For Class 56 Rating, Add	*2,354.51*	
40 05 19 00-2250	EA	12" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,042.75	632.71
		For Class 52 Rating, Deduct	*-889.25*	
		For Class 54 Rating, Add	*1,224.12*	
		For Class 55 Rating, Add	*1,825.76*	
		For Class 56 Rating, Add	*2,419.32*	
40 05 19 00-2251	EA	12" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,267.46	636.47
		For Class 52 Rating, Deduct	*-913.34*	
		For Class 54 Rating, Add	*1,257.04*	
		For Class 55 Rating, Add	*1,874.74*	
		For Class 56 Rating, Add	*2,484.13*	
40 05 19 00-2252	EA	12" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,492.18	640.23
		For Class 52 Rating, Deduct	*-937.43*	
		For Class 54 Rating, Add	*1,289.96*	
		For Class 55 Rating, Add	*1,923.71*	
		For Class 56 Rating, Add	*2,548.95*	
40 05 19 00-2253	EA	12" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,716.88	644.00
		For Class 52 Rating, Deduct	*-961.52*	
		For Class 54 Rating, Add	*1,322.88*	
		For Class 55 Rating, Add	*1,972.69*	
		For Class 56 Rating, Add	*2,613.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2254	EA	12" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,941.60	647.77
		For Class 52 Rating, Deduct	*-985.61*	
		For Class 54 Rating, Add	*1,355.80*	
		For Class 55 Rating, Add	*2,021.66*	
		For Class 56 Rating, Add	*2,678.57*	
40 05 19 00-2255	EA	12" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,166.31	651.53
		For Class 52 Rating, Deduct	*-1,009.70*	
		For Class 54 Rating, Add	*1,388.72*	
		For Class 55 Rating, Add	*2,070.64*	
		For Class 56 Rating, Add	*2,743.38*	
40 05 19 00-2256	EA	12" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,391.02	655.30
		For Class 52 Rating, Deduct	*-1,033.80*	
		For Class 54 Rating, Add	*1,421.64*	
		For Class 55 Rating, Add	*2,119.61*	
		For Class 56 Rating, Add	*2,808.19*	
40 05 19 00-2257	EA	12" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,615.72	659.06
		For Class 52 Rating, Deduct	*-1,057.89*	
		For Class 54 Rating, Add	*1,454.55*	
		For Class 55 Rating, Add	*2,168.59*	
		For Class 56 Rating, Add	*2,873.01*	
40 05 19 00-2258	EA	12" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,840.43	662.84
		For Class 52 Rating, Deduct	*-1,081.98*	
		For Class 54 Rating, Add	*1,487.47*	
		For Class 55 Rating, Add	*2,217.56*	
		For Class 56 Rating, Add	*2,937.82*	
40 05 19 00-2259	EA	12" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,065.14	666.60
		For Class 52 Rating, Deduct	*-1,106.07*	
		For Class 54 Rating, Add	*1,520.39*	
		For Class 55 Rating, Add	*2,266.54*	
		For Class 56 Rating, Add	*3,002.63*	
40 05 19 00-2260	EA	12" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,289.85	670.36
		For Class 52 Rating, Deduct	*-1,130.16*	
		For Class 54 Rating, Add	*1,553.31*	
		For Class 55 Rating, Add	*2,315.51*	
		For Class 56 Rating, Add	*3,067.44*	
40 05 19 00-2261		14" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*		
40 05 19 00-2262	EA	14" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,674.77	632.71
		For Class 52 Rating, Deduct	*-298.77*	
		For Class 54 Rating, Add	*418.92*	
		For Class 55 Rating, Add	*628.70*	
		For Class 56 Rating, Add	*835.77*	
40 05 19 00-2263	EA	14" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,947.09	636.47
		For Class 52 Rating, Deduct	*-328.10*	
		For Class 54 Rating, Add	*458.98*	
		For Class 55 Rating, Add	*688.30*	
		For Class 56 Rating, Add	*914.62*	
40 05 19 00-2264	EA	14" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,219.42	640.23
		For Class 52 Rating, Deduct	*-357.43*	
		For Class 54 Rating, Add	*499.04*	
		For Class 55 Rating, Add	*747.89*	
		For Class 56 Rating, Add	*993.48*	
40 05 19 00-2265	EA	14" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,491.73	644.00
		For Class 52 Rating, Deduct	*-386.76*	
		For Class 54 Rating, Add	*539.10*	
		For Class 55 Rating, Add	*807.48*	
		For Class 56 Rating, Add	*1,072.34*	
40 05 19 00-2266	EA	14" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,764.05	647.77
		For Class 52 Rating, Deduct	*-416.08*	
		For Class 54 Rating, Add	*579.16*	
		For Class 55 Rating, Add	*867.07*	
		For Class 56 Rating, Add	*1,151.19*	
40 05 19 00-2267	EA	14" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,036.38	651.53
		For Class 52 Rating, Deduct	*-445.41*	
		For Class 54 Rating, Add	*619.23*	
		For Class 55 Rating, Add	*926.66*	
		For Class 56 Rating, Add	*1,230.05*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2268	EA	14" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,308.69	655.30
		For Class 52 Rating, Deduct	*-474.74*	
		For Class 54 Rating, Add	*659.29*	
		For Class 55 Rating, Add	*986.25*	
		For Class 56 Rating, Add	*1,308.91*	
40 05 19 00-2269	EA	14" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,581.00	659.06
		For Class 52 Rating, Deduct	*-504.07*	
		For Class 54 Rating, Add	*699.35*	
		For Class 55 Rating, Add	*1,045.85*	
		For Class 56 Rating, Add	*1,387.76*	
40 05 19 00-2270	EA	14" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,853.33	662.84
		For Class 52 Rating, Deduct	*-533.39*	
		For Class 54 Rating, Add	*739.41*	
		For Class 55 Rating, Add	*1,105.44*	
		For Class 56 Rating, Add	*1,466.62*	
40 05 19 00-2271	EA	14" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,125.64	666.60
		For Class 52 Rating, Deduct	*-562.72*	
		For Class 54 Rating, Add	*779.47*	
		For Class 55 Rating, Add	*1,165.03*	
		For Class 56 Rating, Add	*1,545.48*	
40 05 19 00-2272	EA	14" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,397.97	670.36
		For Class 52 Rating, Deduct	*-592.05*	
		For Class 54 Rating, Add	*819.53*	
		For Class 55 Rating, Add	*1,224.62*	
		For Class 56 Rating, Add	*1,624.33*	
40 05 19 00-2273	EA	14" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,670.28	674.13
		For Class 52 Rating, Deduct	*-621.38*	
		For Class 54 Rating, Add	*859.59*	
		For Class 55 Rating, Add	*1,284.21*	
		For Class 56 Rating, Add	*1,703.19*	
40 05 19 00-2274	EA	14" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,942.60	677.90
		For Class 52 Rating, Deduct	*-650.70*	
		For Class 54 Rating, Add	*899.65*	
		For Class 55 Rating, Add	*1,343.80*	
		For Class 56 Rating, Add	*1,782.05*	
40 05 19 00-2275	EA	14" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,214.93	681.66
		For Class 52 Rating, Deduct	*-680.03*	
		For Class 54 Rating, Add	*939.71*	
		For Class 55 Rating, Add	*1,403.40*	
		For Class 56 Rating, Add	*1,860.90*	
40 05 19 00-2276	EA	14" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,487.24	685.43
		For Class 52 Rating, Deduct	*-709.36*	
		For Class 54 Rating, Add	*979.77*	
		For Class 55 Rating, Add	*1,462.99*	
		For Class 56 Rating, Add	*1,939.76*	
40 05 19 00-2277	EA	14" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,759.56	689.19
		For Class 52 Rating, Deduct	*-738.69*	
		For Class 54 Rating, Add	*1,019.83*	
		For Class 55 Rating, Add	*1,522.58*	
		For Class 56 Rating, Add	*2,018.61*	
40 05 19 00-2278	EA	14" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,031.89	692.96
		For Class 52 Rating, Deduct	*-768.01*	
		For Class 54 Rating, Add	*1,059.89*	
		For Class 55 Rating, Add	*1,582.17*	
		For Class 56 Rating, Add	*2,097.47*	
40 05 19 00-2279	EA	14" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,304.20	696.73
		For Class 52 Rating, Deduct	*-797.34*	
		For Class 54 Rating, Add	*1,099.95*	
		For Class 55 Rating, Add	*1,641.76*	
		For Class 56 Rating, Add	*2,176.33*	
40 05 19 00-2280	EA	14" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,576.53	700.49
		For Class 52 Rating, Deduct	*-826.67*	
		For Class 54 Rating, Add	*1,140.01*	
		For Class 55 Rating, Add	*1,701.36*	
		For Class 56 Rating, Add	*2,255.19*	
40 05 19 00-2281	EA	14" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,848.85	704.25
		For Class 52 Rating, Deduct	*-856.00*	
		For Class 54 Rating, Add	*1,180.07*	
		For Class 55 Rating, Add	*1,760.95*	
		For Class 56 Rating, Add	*2,334.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2282	EA	14" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,121.16	708.03
		For Class 52 Rating, Deduct	*-885.32*	
		For Class 54 Rating, Add	*1,220.13*	
		For Class 55 Rating, Add	*1,820.54*	
		For Class 56 Rating, Add	*2,412.90*	
40 05 19 00-2283	EA	14" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,393.49	711.79
		For Class 52 Rating, Deduct	*-914.65*	
		For Class 54 Rating, Add	*1,260.19*	
		For Class 55 Rating, Add	*1,880.13*	
		For Class 56 Rating, Add	*2,491.76*	
40 05 19 00-2284	EA	14" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,665.81	715.55
		For Class 52 Rating, Deduct	*-943.98*	
		For Class 54 Rating, Add	*1,300.25*	
		For Class 55 Rating, Add	*1,939.72*	
		For Class 56 Rating, Add	*2,570.61*	
40 05 19 00-2285	EA	14" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,938.12	719.33
		For Class 52 Rating, Deduct	*-973.31*	
		For Class 54 Rating, Add	*1,340.31*	
		For Class 55 Rating, Add	*1,999.31*	
		For Class 56 Rating, Add	*2,649.47*	
40 05 19 00-2286	EA	14" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,210.45	723.09
		For Class 52 Rating, Deduct	*-1,002.63*	
		For Class 54 Rating, Add	*1,380.38*	
		For Class 55 Rating, Add	*2,058.91*	
		For Class 56 Rating, Add	*2,728.32*	
40 05 19 00-2287	EA	14" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,482.77	726.85
		For Class 52 Rating, Deduct	*-1,031.96*	
		For Class 54 Rating, Add	*1,420.44*	
		For Class 55 Rating, Add	*2,118.50*	
		For Class 56 Rating, Add	*2,807.18*	
40 05 19 00-2288	EA	14" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,755.09	730.62
		For Class 52 Rating, Deduct	*-1,061.29*	
		For Class 54 Rating, Add	*1,460.50*	
		For Class 55 Rating, Add	*2,178.09*	
		For Class 56 Rating, Add	*2,886.04*	
40 05 19 00-2289	EA	14" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,027.41	734.39
		For Class 52 Rating, Deduct	*-1,090.62*	
		For Class 54 Rating, Add	*1,500.56*	
		For Class 55 Rating, Add	*2,237.68*	
		For Class 56 Rating, Add	*2,964.89*	
40 05 19 00-2290	EA	14" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,299.73	738.16
		For Class 52 Rating, Deduct	*-1,119.94*	
		For Class 54 Rating, Add	*1,540.62*	
		For Class 55 Rating, Add	*2,297.27*	
		For Class 56 Rating, Add	*3,043.75*	
40 05 19 00-2291	EA	14" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,572.05	741.92
		For Class 52 Rating, Deduct	*-1,149.27*	
		For Class 54 Rating, Add	*1,580.68*	
		For Class 55 Rating, Add	*2,356.87*	
		For Class 56 Rating, Add	*3,122.61*	
40 05 19 00-2292	EA	14" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,844.37	745.68
		For Class 52 Rating, Deduct	*-1,178.60*	
		For Class 54 Rating, Add	*1,620.74*	
		For Class 55 Rating, Add	*2,416.46*	
		For Class 56 Rating, Add	*3,201.46*	
40 05 19 00-2293	EA	14" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,116.69	749.46
		For Class 52 Rating, Deduct	*-1,207.93*	
		For Class 54 Rating, Add	*1,660.80*	
		For Class 55 Rating, Add	*2,476.05*	
		For Class 56 Rating, Add	*3,280.32*	
40 05 19 00-2294	EA	14" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,389.01	753.22
		For Class 52 Rating, Deduct	*-1,237.25*	
		For Class 54 Rating, Add	*1,700.86*	
		For Class 55 Rating, Add	*2,535.64*	
		For Class 56 Rating, Add	*3,359.18*	
40 05 19 00-2295	EA	14" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,661.33	756.98
		For Class 52 Rating, Deduct	*-1,266.58*	
		For Class 54 Rating, Add	*1,740.92*	
		For Class 55 Rating, Add	*2,595.23*	
		For Class 56 Rating, Add	*3,438.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2296	EA	14" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,933.65	760.75
		For Class 52 Rating, Deduct	*-1,295.91*	
		For Class 54 Rating, Add	*1,780.98*	
		For Class 55 Rating, Add	*2,654.83*	
		For Class 56 Rating, Add	*3,516.89*	
40 05 19 00-2297	EA	14" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,205.97	764.52
		For Class 52 Rating, Deduct	*-1,325.24*	
		For Class 54 Rating, Add	*1,821.04*	
		For Class 55 Rating, Add	*2,714.42*	
		For Class 56 Rating, Add	*3,595.75*	
40 05 19 00-2298	EA	14" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,478.29	768.28
		For Class 52 Rating, Deduct	*-1,354.56*	
		For Class 54 Rating, Add	*1,861.10*	
		For Class 55 Rating, Add	*2,774.01*	
		For Class 56 Rating, Add	*3,674.60*	
40 05 19 00-2299	EA	14" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,750.61	772.05
		For Class 52 Rating, Deduct	*-1,383.89*	
		For Class 54 Rating, Add	*1,901.16*	
		For Class 55 Rating, Add	*2,833.60*	
		For Class 56 Rating, Add	*3,753.46*	

40 05 19 00-2300 16" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2301	EA	16" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,309.24	723.09
		For Class 52 Rating, Deduct	*-353.50*	
		For Class 54 Rating, Add	*495.19*	
		For Class 55 Rating, Add	*742.94*	
		For Class 56 Rating, Add	*987.47*	
40 05 19 00-2302	EA	16" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,624.41	726.85
		For Class 52 Rating, Deduct	*-387.54*	
		For Class 54 Rating, Add	*541.68*	
		For Class 55 Rating, Add	*812.08*	
		For Class 56 Rating, Add	*1,078.96*	
40 05 19 00-2303	EA	16" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,939.57	730.62
		For Class 52 Rating, Deduct	*-421.58*	
		For Class 54 Rating, Add	*588.17*	
		For Class 55 Rating, Add	*881.23*	
		For Class 56 Rating, Add	*1,170.46*	
40 05 19 00-2304	EA	16" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,254.75	734.39
		For Class 52 Rating, Deduct	*-455.62*	
		For Class 54 Rating, Add	*634.66*	
		For Class 55 Rating, Add	*950.38*	
		For Class 56 Rating, Add	*1,261.96*	
40 05 19 00-2305	EA	16" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,569.92	738.16
		For Class 52 Rating, Deduct	*-489.67*	
		For Class 54 Rating, Add	*681.15*	
		For Class 55 Rating, Add	*1,019.53*	
		For Class 56 Rating, Add	*1,353.46*	
40 05 19 00-2306	EA	16" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,885.08	741.92
		For Class 52 Rating, Deduct	*-523.71*	
		For Class 54 Rating, Add	*727.63*	
		For Class 55 Rating, Add	*1,088.67*	
		For Class 56 Rating, Add	*1,444.95*	
40 05 19 00-2307	EA	16" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,200.25	745.68
		For Class 52 Rating, Deduct	*-557.75*	
		For Class 54 Rating, Add	*774.12*	
		For Class 55 Rating, Add	*1,157.82*	
		For Class 56 Rating, Add	*1,536.45*	
40 05 19 00-2308	EA	16" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,515.42	749.46
		For Class 52 Rating, Deduct	*-591.79*	
		For Class 54 Rating, Add	*820.61*	
		For Class 55 Rating, Add	*1,226.97*	
		For Class 56 Rating, Add	*1,627.94*	
40 05 19 00-2309	EA	16" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,830.59	753.22
		For Class 52 Rating, Deduct	*-625.83*	
		For Class 54 Rating, Add	*867.10*	
		For Class 55 Rating, Add	*1,296.11*	
		For Class 56 Rating, Add	*1,719.44*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2310	EA	16" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,145.76	756.98
		For Class 52 Rating, Deduct	*-659.87*	
		For Class 54 Rating, Add	*913.58*	
		For Class 55 Rating, Add	*1,365.26*	
		For Class 56 Rating, Add	*1,810.94*	
40 05 19 00-2311	EA	16" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,460.92	760.75
		For Class 52 Rating, Deduct	*-693.91*	
		For Class 54 Rating, Add	*960.07*	
		For Class 55 Rating, Add	*1,434.41*	
		For Class 56 Rating, Add	*1,902.44*	
40 05 19 00-2312	EA	16" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,776.09	764.52
		For Class 52 Rating, Deduct	*-727.95*	
		For Class 54 Rating, Add	*1,006.56*	
		For Class 55 Rating, Add	*1,503.55*	
		For Class 56 Rating, Add	*1,998.93*	
40 05 19 00-2313	EA	16" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,091.27	768.28
		For Class 52 Rating, Deduct	*-761.99*	
		For Class 54 Rating, Add	*1,053.05*	
		For Class 55 Rating, Add	*1,572.70*	
		For Class 56 Rating, Add	*2,085.43*	
40 05 19 00-2314	EA	16" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,406.43	772.05
		For Class 52 Rating, Deduct	*-796.03*	
		For Class 54 Rating, Add	*1,099.54*	
		For Class 55 Rating, Add	*1,641.85*	
		For Class 56 Rating, Add	*2,176.93*	
40 05 19 00-2315	EA	16" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,721.60	775.81
		For Class 52 Rating, Deduct	*-830.07*	
		For Class 54 Rating, Add	*1,146.02*	
		For Class 55 Rating, Add	*1,711.00*	
		For Class 56 Rating, Add	*2,268.42*	
40 05 19 00-2316	EA	16" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,036.76	779.58
		For Class 52 Rating, Deduct	*-864.11*	
		For Class 54 Rating, Add	*1,192.51*	
		For Class 55 Rating, Add	*1,780.14*	
		For Class 56 Rating, Add	*2,359.92*	
40 05 19 00-2317	EA	16" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,351.93	783.35
		For Class 52 Rating, Deduct	*-898.16*	
		For Class 54 Rating, Add	*1,239.00*	
		For Class 55 Rating, Add	*1,849.29*	
		For Class 56 Rating, Add	*2,451.42*	
40 05 19 00-2318	EA	16" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,667.10	787.11
		For Class 52 Rating, Deduct	*-932.20*	
		For Class 54 Rating, Add	*1,285.49*	
		For Class 55 Rating, Add	*1,918.44*	
		For Class 56 Rating, Add	*2,542.91*	
40 05 19 00-2319	EA	16" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,982.27	790.87
		For Class 52 Rating, Deduct	*-966.24*	
		For Class 54 Rating, Add	*1,331.98*	
		For Class 55 Rating, Add	*1,987.58*	
		For Class 56 Rating, Add	*2,634.41*	
40 05 19 00-2320	EA	16" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,297.43	794.65
		For Class 52 Rating, Deduct	*-1,000.28*	
		For Class 54 Rating, Add	*1,378.46*	
		For Class 55 Rating, Add	*2,056.73*	
		For Class 56 Rating, Add	*2,725.91*	
40 05 19 00-2321	EA	16" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,612.61	798.41
		For Class 52 Rating, Deduct	*-1,034.32*	
		For Class 54 Rating, Add	*1,424.95*	
		For Class 55 Rating, Add	*2,125.88*	
		For Class 56 Rating, Add	*2,817.41*	
40 05 19 00-2322	EA	16" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,927.78	802.17
		For Class 52 Rating, Deduct	*-1,068.36*	
		For Class 54 Rating, Add	*1,471.44*	
		For Class 55 Rating, Add	*2,195.03*	
		For Class 56 Rating, Add	*2,908.90*	
40 05 19 00-2323	EA	16" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,242.94	805.94
		For Class 52 Rating, Deduct	*-1,102.40*	
		For Class 54 Rating, Add	*1,517.93*	
		For Class 55 Rating, Add	*2,264.17*	
		For Class 56 Rating, Add	*3,000.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2324	EA	16" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,558.11	809.71
		For Class 52 Rating, Deduct	*-1,136.44*	
		For Class 54 Rating, Add	*1,564.41*	
		For Class 55 Rating, Add	*2,333.32*	
		For Class 56 Rating, Add	*3,091.89*	
40 05 19 00-2325	EA	16" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,873.29	813.48
		For Class 52 Rating, Deduct	*-1,170.48*	
		For Class 54 Rating, Add	*1,610.90*	
		For Class 55 Rating, Add	*2,402.47*	
		For Class 56 Rating, Add	*3,183.39*	
40 05 19 00-2326	EA	16" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,188.45	817.24
		For Class 52 Rating, Deduct	*-1,204.52*	
		For Class 54 Rating, Add	*1,657.39*	
		For Class 55 Rating, Add	*2,471.61*	
		For Class 56 Rating, Add	*3,274.89*	
40 05 19 00-2327	EA	16" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,503.62	821.01
		For Class 52 Rating, Deduct	*-1,238.56*	
		For Class 54 Rating, Add	*1,703.88*	
		For Class 55 Rating, Add	*2,540.76*	
		For Class 56 Rating, Add	*3,366.38*	
40 05 19 00-2328	EA	16" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,818.79	824.78
		For Class 52 Rating, Deduct	*-1,272.60*	
		For Class 54 Rating, Add	*1,750.37*	
		For Class 55 Rating, Add	*2,609.91*	
		For Class 56 Rating, Add	*3,457.88*	
40 05 19 00-2329	EA	16" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,133.96	828.54
		For Class 52 Rating, Deduct	*-1,306.65*	
		For Class 54 Rating, Add	*1,796.85*	
		For Class 55 Rating, Add	*2,679.06*	
		For Class 56 Rating, Add	*3,549.38*	
40 05 19 00-2330	EA	16" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,449.13	832.30
		For Class 52 Rating, Deduct	*-1,340.69*	
		For Class 54 Rating, Add	*1,843.34*	
		For Class 55 Rating, Add	*2,748.20*	
		For Class 56 Rating, Add	*3,640.88*	
40 05 19 00-2331	EA	16" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,764.29	836.08
		For Class 52 Rating, Deduct	*-1,374.73*	
		For Class 54 Rating, Add	*1,889.83*	
		For Class 55 Rating, Add	*2,817.35*	
		For Class 56 Rating, Add	*3,732.37*	
40 05 19 00-2332	EA	16" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,079.46	839.84
		For Class 52 Rating, Deduct	*-1,408.77*	
		For Class 54 Rating, Add	*1,936.32*	
		For Class 55 Rating, Add	*2,886.50*	
		For Class 56 Rating, Add	*3,823.87*	
40 05 19 00-2333	EA	16" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,394.63	843.60
		For Class 52 Rating, Deduct	*-1,442.81*	
		For Class 54 Rating, Add	*1,982.80*	
		For Class 55 Rating, Add	*2,955.64*	
		For Class 56 Rating, Add	*3,915.36*	
40 05 19 00-2334	EA	16" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,709.80	847.37
		For Class 52 Rating, Deduct	*-1,476.85*	
		For Class 54 Rating, Add	*2,029.29*	
		For Class 55 Rating, Add	*3,024.79*	
		For Class 56 Rating, Add	*4,006.86*	
40 05 19 00-2335	EA	16" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,024.97	851.14
		For Class 52 Rating, Deduct	*-1,510.89*	
		For Class 54 Rating, Add	*2,075.78*	
		For Class 55 Rating, Add	*3,093.94*	
		For Class 56 Rating, Add	*4,098.36*	
40 05 19 00-2336	EA	16" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,340.14	854.90
		For Class 52 Rating, Deduct	*-1,544.93*	
		For Class 54 Rating, Add	*2,122.27*	
		For Class 55 Rating, Add	*3,163.08*	
		For Class 56 Rating, Add	*4,189.86*	
40 05 19 00-2337	EA	16" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,655.30	858.67
		For Class 52 Rating, Deduct	*-1,578.97*	
		For Class 54 Rating, Add	*2,168.76*	
		For Class 55 Rating, Add	*3,232.23*	
		For Class 56 Rating, Add	*4,281.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2338	EA	16" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,970.48	862.43
		For Class 52 Rating, Deduct	*-1,613.01*	
		For Class 54 Rating, Add	*2,215.24*	
		For Class 55 Rating, Add	*3,301.38*	
		For Class 56 Rating, Add	*4,372.85*	

40 05 19 00-2339 18" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2340	EA	18" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,019.78	814.98
		For Class 52 Rating, Deduct	*-416.35*	
		For Class 54 Rating, Add	*582.56*	
		For Class 55 Rating, Add	*873.68*	
		For Class 56 Rating, Add	*1,161.02*	
40 05 19 00-2341	EA	18" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,382.56	818.74
		For Class 52 Rating, Deduct	*-455.62*	
		For Class 54 Rating, Add	*636.19*	
		For Class 55 Rating, Add	*953.45*	
		For Class 56 Rating, Add	*1,266.56*	
40 05 19 00-2342	EA	18" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,745.34	822.52
		For Class 52 Rating, Deduct	*-494.90*	
		For Class 54 Rating, Add	*689.82*	
		For Class 55 Rating, Add	*1,033.21*	
		For Class 56 Rating, Add	*1,372.10*	
40 05 19 00-2343	EA	18" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,108.12	826.28
		For Class 52 Rating, Deduct	*-534.18*	
		For Class 54 Rating, Add	*743.45*	
		For Class 55 Rating, Add	*1,112.97*	
		For Class 56 Rating, Add	*1,477.64*	
40 05 19 00-2344	EA	18" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,470.89	830.04
		For Class 52 Rating, Deduct	*-573.46*	
		For Class 54 Rating, Add	*797.08*	
		For Class 55 Rating, Add	*1,192.74*	
		For Class 56 Rating, Add	*1,583.18*	
40 05 19 00-2345	EA	18" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,833.67	833.81
		For Class 52 Rating, Deduct	*-612.74*	
		For Class 54 Rating, Add	*850.71*	
		For Class 55 Rating, Add	*1,272.50*	
		For Class 56 Rating, Add	*1,688.73*	
40 05 19 00-2346	EA	18" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,196.46	837.58
		For Class 52 Rating, Deduct	*-652.01*	
		For Class 54 Rating, Add	*904.34*	
		For Class 55 Rating, Add	*1,352.27*	
		For Class 56 Rating, Add	*1,794.27*	
40 05 19 00-2347	EA	18" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,559.23	841.34
		For Class 52 Rating, Deduct	*-691.29*	
		For Class 54 Rating, Add	*957.97*	
		For Class 55 Rating, Add	*1,432.03*	
		For Class 56 Rating, Add	*1,899.81*	
40 05 19 00-2348	EA	18" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,922.01	845.11
		For Class 52 Rating, Deduct	*-730.57*	
		For Class 54 Rating, Add	*1,011.60*	
		For Class 55 Rating, Add	*1,511.79*	
		For Class 56 Rating, Add	*2,005.35*	
40 05 19 00-2349	EA	18" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,284.78	848.87
		For Class 52 Rating, Deduct	*-769.85*	
		For Class 54 Rating, Add	*1,065.23*	
		For Class 55 Rating, Add	*1,591.56*	
		For Class 56 Rating, Add	*2,110.89*	
40 05 19 00-2350	EA	18" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,647.56	852.65
		For Class 52 Rating, Deduct	*-809.12*	
		For Class 54 Rating, Add	*1,118.85*	
		For Class 55 Rating, Add	*1,671.32*	
		For Class 56 Rating, Add	*2,216.43*	
40 05 19 00-2351	EA	18" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,010.35	856.41
		For Class 52 Rating, Deduct	*-848.40*	
		For Class 54 Rating, Add	*1,172.49*	
		For Class 55 Rating, Add	*1,751.09*	
		For Class 56 Rating, Add	*2,321.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2352	EA	18" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,373.12	860.17
		For Class 52 Rating, Deduct	*-887.68*	
		For Class 54 Rating, Add	*1,226.11*	
		For Class 55 Rating, Add	*1,830.85*	
		For Class 56 Rating, Add	*2,427.52*	
40 05 19 00-2353	EA	18" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,735.90	863.94
		For Class 52 Rating, Deduct	*-926.96*	
		For Class 54 Rating, Add	*1,279.74*	
		For Class 55 Rating, Add	*1,910.61*	
		For Class 56 Rating, Add	*2,533.06*	
40 05 19 00-2354	EA	18" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,098.68	867.71
		For Class 52 Rating, Deduct	*-966.24*	
		For Class 54 Rating, Add	*1,333.37*	
		For Class 55 Rating, Add	*1,990.38*	
		For Class 56 Rating, Add	*2,638.60*	
40 05 19 00-2355	EA	18" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,461.45	871.47
		For Class 52 Rating, Deduct	*-1,005.51*	
		For Class 54 Rating, Add	*1,387.00*	
		For Class 55 Rating, Add	*2,070.14*	
		For Class 56 Rating, Add	*2,744.14*	
40 05 19 00-2356	EA	18" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,824.24	875.24
		For Class 52 Rating, Deduct	*-1,044.79*	
		For Class 54 Rating, Add	*1,440.63*	
		For Class 55 Rating, Add	*2,149.91*	
		For Class 56 Rating, Add	*2,849.69*	
40 05 19 00-2357	EA	18" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,187.02	879.01
		For Class 52 Rating, Deduct	*-1,084.07*	
		For Class 54 Rating, Add	*1,494.26*	
		For Class 55 Rating, Add	*2,229.67*	
		For Class 56 Rating, Add	*2,955.23*	
40 05 19 00-2358	EA	18" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,549.79	882.77
		For Class 52 Rating, Deduct	*-1,123.35*	
		For Class 54 Rating, Add	*1,547.89*	
		For Class 55 Rating, Add	*2,309.43*	
		For Class 56 Rating, Add	*3,060.77*	
40 05 19 00-2359	EA	18" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,912.57	886.54
		For Class 52 Rating, Deduct	*-1,162.63*	
		For Class 54 Rating, Add	*1,601.52*	
		For Class 55 Rating, Add	*2,389.20*	
		For Class 56 Rating, Add	*3,166.31*	
40 05 19 00-2360	EA	18" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,275.35	890.30
		For Class 52 Rating, Deduct	*-1,201.90*	
		For Class 54 Rating, Add	*1,655.15*	
		For Class 55 Rating, Add	*2,468.96*	
		For Class 56 Rating, Add	*3,271.85*	
40 05 19 00-2361	EA	18" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,638.13	894.07
		For Class 52 Rating, Deduct	*-1,241.18*	
		For Class 54 Rating, Add	*1,708.78*	
		For Class 55 Rating, Add	*2,548.73*	
		For Class 56 Rating, Add	*3,377.39*	
40 05 19 00-2362	EA	18" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,000.91	897.84
		For Class 52 Rating, Deduct	*-1,280.46*	
		For Class 54 Rating, Add	*1,762.41*	
		For Class 55 Rating, Add	*2,628.49*	
		For Class 56 Rating, Add	*3,482.94*	
40 05 19 00-2363	EA	18" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,363.69	901.60
		For Class 52 Rating, Deduct	*-1,319.74*	
		For Class 54 Rating, Add	*1,816.04*	
		For Class 55 Rating, Add	*2,708.25*	
		For Class 56 Rating, Add	*3,588.48*	
40 05 19 00-2364	EA	18" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,726.46	905.36
		For Class 52 Rating, Deduct	*-1,359.02*	
		For Class 54 Rating, Add	*1,869.66*	
		For Class 55 Rating, Add	*2,788.02*	
		For Class 56 Rating, Add	*3,694.02*	
40 05 19 00-2365	EA	18" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,089.24	909.14
		For Class 52 Rating, Deduct	*-1,398.29*	
		For Class 54 Rating, Add	*1,923.29*	
		For Class 55 Rating, Add	*2,867.78*	
		For Class 56 Rating, Add	*3,799.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2366	EA	18" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,452.03	912.90
		For Class 52 Rating, Deduct	*-1,437.57*	
		For Class 54 Rating, Add	*1,976.92*	
		For Class 55 Rating, Add	*2,947.55*	
		For Class 56 Rating, Add	*3,905.10*	
40 05 19 00-2367	EA	18" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,814.80	916.66
		For Class 52 Rating, Deduct	*-1,476.85*	
		For Class 54 Rating, Add	*2,030.55*	
		For Class 55 Rating, Add	*3,027.31*	
		For Class 56 Rating, Add	*4,010.64*	
40 05 19 00-2368	EA	18" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,177.58	920.43
		For Class 52 Rating, Deduct	*-1,516.13*	
		For Class 54 Rating, Add	*2,084.18*	
		For Class 55 Rating, Add	*3,107.07*	
		For Class 56 Rating, Add	*4,116.18*	
40 05 19 00-2369	EA	18" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,540.35	924.20
		For Class 52 Rating, Deduct	*-1,555.41*	
		For Class 54 Rating, Add	*2,137.81*	
		For Class 55 Rating, Add	*3,186.84*	
		For Class 56 Rating, Add	*4,221.73*	
40 05 19 00-2370	EA	18" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,903.12	927.97
		For Class 52 Rating, Deduct	*-1,594.68*	
		For Class 54 Rating, Add	*2,191.44*	
		For Class 55 Rating, Add	*3,266.60*	
		For Class 56 Rating, Add	*4,327.27*	
40 05 19 00-2371	EA	18" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,265.91	931.73
		For Class 52 Rating, Deduct	*-1,633.96*	
		For Class 54 Rating, Add	*2,245.07*	
		For Class 55 Rating, Add	*3,346.37*	
		For Class 56 Rating, Add	*4,432.81*	
40 05 19 00-2372	EA	18" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,628.68	935.49
		For Class 52 Rating, Deduct	*-1,673.24*	
		For Class 54 Rating, Add	*2,298.70*	
		For Class 55 Rating, Add	*3,426.13*	
		For Class 56 Rating, Add	*4,538.35*	
40 05 19 00-2373	EA	18" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,991.46	939.27
		For Class 52 Rating, Deduct	*-1,712.52*	
		For Class 54 Rating, Add	*2,352.33*	
		For Class 55 Rating, Add	*3,505.89*	
		For Class 56 Rating, Add	*4,643.89*	
40 05 19 00-2374	EA	18" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,354.24	943.03
		For Class 52 Rating, Deduct	*-1,751.80*	
		For Class 54 Rating, Add	*2,405.96*	
		For Class 55 Rating, Add	*3,585.66*	
		For Class 56 Rating, Add	*4,749.43*	
40 05 19 00-2375	EA	18" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,717.01	946.79
		For Class 52 Rating, Deduct	*-1,791.07*	
		For Class 54 Rating, Add	*2,459.59*	
		For Class 55 Rating, Add	*3,665.42*	
		For Class 56 Rating, Add	*4,854.97*	
40 05 19 00-2376	EA	18" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,079.80	950.56
		For Class 52 Rating, Deduct	*-1,830.35*	
		For Class 54 Rating, Add	*2,513.22*	
		For Class 55 Rating, Add	*3,745.19*	
		For Class 56 Rating, Add	*4,960.52*	
40 05 19 00-2377	EA	18" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,442.58	954.33
		For Class 52 Rating, Deduct	*-1,869.63*	
		For Class 54 Rating, Add	*2,566.85*	
		For Class 55 Rating, Add	*3,824.95*	
		For Class 56 Rating, Add	*5,066.06*	

40 05 19 00-2378 20" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2379	EA	20" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,872.83	930.22
		For Class 52 Rating, Deduct	*-490.97*	
		For Class 54 Rating, Add	*686.42*	
		For Class 55 Rating, Add	*1,029.16*	
		For Class 56 Rating, Add	*1,367.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2380	EA	20" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,285.59	933.99
		For Class 52 Rating, Deduct	*-535.75*	
		For Class 54 Rating, Add	*747.55*	
		For Class 55 Rating, Add	*1,120.08*	
		For Class 56 Rating, Add	*1,487.73*	
40 05 19 00-2381	EA	20" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,698.36	937.76
		For Class 52 Rating, Deduct	*-580.53*	
		For Class 54 Rating, Add	*808.68*	
		For Class 55 Rating, Add	*1,210.99*	
		For Class 56 Rating, Add	*1,608.02*	
40 05 19 00-2382	EA	20" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,111.14	941.52
		For Class 52 Rating, Deduct	*-625.30*	
		For Class 54 Rating, Add	*869.81*	
		For Class 55 Rating, Add	*1,301.90*	
		For Class 56 Rating, Add	*1,728.31*	
40 05 19 00-2383	EA	20" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,523.90	945.29
		For Class 52 Rating, Deduct	*-670.08*	
		For Class 54 Rating, Add	*930.93*	
		For Class 55 Rating, Add	*1,392.81*	
		For Class 56 Rating, Add	*1,848.60*	
40 05 19 00-2384	EA	20" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,936.67	949.05
		For Class 52 Rating, Deduct	*-714.86*	
		For Class 54 Rating, Add	*992.06*	
		For Class 55 Rating, Add	*1,483.72*	
		For Class 56 Rating, Add	*1,968.89*	
40 05 19 00-2385	EA	20" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,349.44	952.82
		For Class 52 Rating, Deduct	*-759.63*	
		For Class 54 Rating, Add	*1,053.19*	
		For Class 55 Rating, Add	*1,574.63*	
		For Class 56 Rating, Add	*2,089.17*	
40 05 19 00-2386	EA	20" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,762.20	956.59
		For Class 52 Rating, Deduct	*-804.41*	
		For Class 54 Rating, Add	*1,114.32*	
		For Class 55 Rating, Add	*1,665.55*	
		For Class 56 Rating, Add	*2,209.46*	
40 05 19 00-2387	EA	20" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,174.98	960.35
		For Class 52 Rating, Deduct	*-849.19*	
		For Class 54 Rating, Add	*1,175.45*	
		For Class 55 Rating, Add	*1,756.46*	
		For Class 56 Rating, Add	*2,329.75*	
40 05 19 00-2388	EA	20" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,587.75	964.11
		For Class 52 Rating, Deduct	*-893.97*	
		For Class 54 Rating, Add	*1,236.57*	
		For Class 55 Rating, Add	*1,847.37*	
		For Class 56 Rating, Add	*2,450.04*	
40 05 19 00-2389	EA	20" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,000.51	967.89
		For Class 52 Rating, Deduct	*-938.74*	
		For Class 54 Rating, Add	*1,297.70*	
		For Class 55 Rating, Add	*1,938.28*	
		For Class 56 Rating, Add	*2,570.33*	
40 05 19 00-2390	EA	20" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,413.28	971.65
		For Class 52 Rating, Deduct	*-983.52*	
		For Class 54 Rating, Add	*1,358.83*	
		For Class 55 Rating, Add	*2,029.19*	
		For Class 56 Rating, Add	*2,690.62*	
40 05 19 00-2391	EA	20" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,826.05	975.42
		For Class 52 Rating, Deduct	*-1,028.30*	
		For Class 54 Rating, Add	*1,419.96*	
		For Class 55 Rating, Add	*2,120.11*	
		For Class 56 Rating, Add	*2,810.91*	
40 05 19 00-2392	EA	20" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,238.82	979.18
		For Class 52 Rating, Deduct	*-1,073.07*	
		For Class 54 Rating, Add	*1,481.08*	
		For Class 55 Rating, Add	*2,211.02*	
		For Class 56 Rating, Add	*2,931.20*	
40 05 19 00-2393	EA	20" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,651.59	982.95
		For Class 52 Rating, Deduct	*-1,117.85*	
		For Class 54 Rating, Add	*1,542.21*	
		For Class 55 Rating, Add	*2,301.93*	
		For Class 56 Rating, Add	*3,051.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2394	EA	20" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,064.36	986.72
		For Class 52 Rating, Deduct	*-1,162.63*	
		For Class 54 Rating, Add	*1,603.34*	
		For Class 55 Rating, Add	*2,392.84*	
		For Class 56 Rating, Add	*3,171.77*	
40 05 19 00-2395	EA	20" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,477.12	990.48
		For Class 52 Rating, Deduct	*-1,207.40*	
		For Class 54 Rating, Add	*1,664.47*	
		For Class 55 Rating, Add	*2,483.75*	
		For Class 56 Rating, Add	*3,292.06*	
40 05 19 00-2396	EA	20" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,889.90	994.24
		For Class 52 Rating, Deduct	*-1,252.18*	
		For Class 54 Rating, Add	*1,725.60*	
		For Class 55 Rating, Add	*2,574.67*	
		For Class 56 Rating, Add	*3,412.35*	
40 05 19 00-2397	EA	20" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,302.66	998.02
		For Class 52 Rating, Deduct	*-1,296.96*	
		For Class 54 Rating, Add	*1,786.72*	
		For Class 55 Rating, Add	*2,665.58*	
		For Class 56 Rating, Add	*3,532.64*	
40 05 19 00-2398	EA	20" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,715.43	1,001.78
		For Class 52 Rating, Deduct	*-1,341.73*	
		For Class 54 Rating, Add	*1,847.85*	
		For Class 55 Rating, Add	*2,756.49*	
		For Class 56 Rating, Add	*3,652.93*	
40 05 19 00-2399	EA	20" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,128.20	1,005.54
		For Class 52 Rating, Deduct	*-1,386.51*	
		For Class 54 Rating, Add	*1,908.98*	
		For Class 55 Rating, Add	*2,847.40*	
		For Class 56 Rating, Add	*3,773.22*	
40 05 19 00-2400	EA	20" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,540.96	1,009.31
		For Class 52 Rating, Deduct	*-1,431.29*	
		For Class 54 Rating, Add	*1,970.11*	
		For Class 55 Rating, Add	*2,938.31*	
		For Class 56 Rating, Add	*3,893.50*	
40 05 19 00-2401	EA	20" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,953.74	1,013.08
		For Class 52 Rating, Deduct	*-1,476.06*	
		For Class 54 Rating, Add	*2,031.24*	
		For Class 55 Rating, Add	*3,029.22*	
		For Class 56 Rating, Add	*4,013.80*	
40 05 19 00-2402	EA	20" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,366.51	1,016.84
		For Class 52 Rating, Deduct	*-1,520.84*	
		For Class 54 Rating, Add	*2,092.36*	
		For Class 55 Rating, Add	*3,120.14*	
		For Class 56 Rating, Add	*4,134.08*	
40 05 19 00-2403	EA	20" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,779.26	1,020.61
		For Class 52 Rating, Deduct	*-1,565.62*	
		For Class 54 Rating, Add	*2,153.49*	
		For Class 55 Rating, Add	*3,211.05*	
		For Class 56 Rating, Add	*4,254.37*	
40 05 19 00-2404	EA	20" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,192.03	1,024.38
		For Class 52 Rating, Deduct	*-1,610.39*	
		For Class 54 Rating, Add	*2,214.62*	
		For Class 55 Rating, Add	*3,301.96*	
		For Class 56 Rating, Add	*4,374.66*	
40 05 19 00-2405	EA	20" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,604.80	1,028.14
		For Class 52 Rating, Deduct	*-1,655.17*	
		For Class 54 Rating, Add	*2,275.74*	
		For Class 55 Rating, Add	*3,392.87*	
		For Class 56 Rating, Add	*4,494.95*	
40 05 19 00-2406	EA	20" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,017.57	1,031.91
		For Class 52 Rating, Deduct	*-1,699.95*	
		For Class 54 Rating, Add	*2,336.87*	
		For Class 55 Rating, Add	*3,483.78*	
		For Class 56 Rating, Add	*4,615.24*	
40 05 19 00-2407	EA	20" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,430.34	1,035.67
		For Class 52 Rating, Deduct	*-1,744.73*	
		For Class 54 Rating, Add	*2,398.00*	
		For Class 55 Rating, Add	*3,574.70*	
		For Class 56 Rating, Add	*4,735.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2408	EA	20" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,843.11	1,039.44
		For Class 52 Rating, Deduct	*-1,789.50*	
		For Class 54 Rating, Add	*2,459.13*	
		For Class 55 Rating, Add	*3,665.61*	
		For Class 56 Rating, Add	*4,855.82*	
40 05 19 00-2409	EA	20" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,255.87	1,043.21
		For Class 52 Rating, Deduct	*-1,834.28*	
		For Class 54 Rating, Add	*2,520.26*	
		For Class 55 Rating, Add	*3,756.52*	
		For Class 56 Rating, Add	*4,976.10*	
40 05 19 00-2410	EA	20" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,668.64	1,046.97
		For Class 52 Rating, Deduct	*-1,879.06*	
		For Class 54 Rating, Add	*2,581.38*	
		For Class 55 Rating, Add	*3,847.43*	
		For Class 56 Rating, Add	*5,096.39*	
40 05 19 00-2411	EA	20" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,081.42	1,050.74
		For Class 52 Rating, Deduct	*-1,923.83*	
		For Class 54 Rating, Add	*2,642.51*	
		For Class 55 Rating, Add	*3,938.34*	
		For Class 56 Rating, Add	*5,216.68*	
40 05 19 00-2412	EA	20" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,494.18	1,054.51
		For Class 52 Rating, Deduct	*-1,968.61*	
		For Class 54 Rating, Add	*2,703.64*	
		For Class 55 Rating, Add	*4,029.25*	
		For Class 56 Rating, Add	*5,336.97*	
40 05 19 00-2413	EA	20" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,906.95	1,058.27
		For Class 52 Rating, Deduct	*-2,013.39*	
		For Class 54 Rating, Add	*2,764.77*	
		For Class 55 Rating, Add	*4,120.17*	
		For Class 56 Rating, Add	*5,457.26*	
40 05 19 00-2414	EA	20" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,319.72	1,062.04
		For Class 52 Rating, Deduct	*-2,058.16*	
		For Class 54 Rating, Add	*2,825.90*	
		For Class 55 Rating, Add	*4,211.08*	
		For Class 56 Rating, Add	*5,577.55*	
40 05 19 00-2415	EA	20" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,732.48	1,065.80
		For Class 52 Rating, Deduct	*-2,102.94*	
		For Class 54 Rating, Add	*2,887.02*	
		For Class 55 Rating, Add	*4,301.99*	
		For Class 56 Rating, Add	*5,697.84*	
40 05 19 00-2416	EA	20" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,145.26	1,069.57
		For Class 52 Rating, Deduct	*-2,147.72*	
		For Class 54 Rating, Add	*2,948.15*	
		For Class 55 Rating, Add	*4,392.90*	
		For Class 56 Rating, Add	*5,818.13*	
40 05 19 00-2417		24" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*		
40 05 19 00-2418	EA	24" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,236.53	1,099.70
		For Class 52 Rating, Deduct	*-612.74*	
		For Class 54 Rating, Add	*855.54*	
		For Class 55 Rating, Add	*1,282.17*	
		For Class 56 Rating, Add	*1,703.23*	
40 05 19 00-2419	EA	24" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,746.90	1,103.46
		For Class 52 Rating, Deduct	*-668.25*	
		For Class 54 Rating, Add	*931.31*	
		For Class 55 Rating, Add	*1,394.85*	
		For Class 56 Rating, Add	*1,852.31*	
40 05 19 00-2420	EA	24" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,257.27	1,107.23
		For Class 52 Rating, Deduct	*-723.76*	
		For Class 54 Rating, Add	*1,007.08*	
		For Class 55 Rating, Add	*1,507.52*	
		For Class 56 Rating, Add	*2,001.39*	
40 05 19 00-2421	EA	24" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,767.64	1,110.99
		For Class 52 Rating, Deduct	*-779.27*	
		For Class 54 Rating, Add	*1,082.85*	
		For Class 55 Rating, Add	*1,620.20*	
		For Class 56 Rating, Add	*2,150.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2422	EA	24" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
		Pipe	9,278.01	1,114.76
		For Class 52 Rating, Deduct	*-834.79*	
		For Class 54 Rating, Add	*1,158.61*	
		For Class 55 Rating, Add	*1,732.88*	
		For Class 56 Rating, Add	*2,299.55*	
40 05 19 00-2423	EA	24" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
		Pipe	9,788.37	1,118.53
		For Class 52 Rating, Deduct	*-890.30*	
		For Class 54 Rating, Add	*1,234.38*	
		For Class 55 Rating, Add	*1,845.55*	
		For Class 56 Rating, Add	*2,448.63*	
40 05 19 00-2424	EA	24" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
		Pipe	10,298.74	1,122.29
		For Class 52 Rating, Deduct	*-945.81*	
		For Class 54 Rating, Add	*1,310.15*	
		For Class 55 Rating, Add	*1,958.23*	
		For Class 56 Rating, Add	*2,597.71*	
40 05 19 00-2425	EA	24" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
		Pipe	10,809.12	1,126.07
		For Class 52 Rating, Deduct	*-1,001.33*	
		For Class 54 Rating, Add	*1,385.92*	
		For Class 55 Rating, Add	*2,070.91*	
		For Class 56 Rating, Add	*2,746.79*	
40 05 19 00-2426	EA	24" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
		Pipe	11,319.48	1,129.83
		For Class 52 Rating, Deduct	*-1,056.84*	
		For Class 54 Rating, Add	*1,461.69*	
		For Class 55 Rating, Add	*2,183.58*	
		For Class 56 Rating, Add	*2,895.87*	
40 05 19 00-2427	EA	24" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
		Pipe	11,829.85	1,133.59
		For Class 52 Rating, Deduct	*-1,112.35*	
		For Class 54 Rating, Add	*1,537.45*	
		For Class 55 Rating, Add	*2,296.26*	
		For Class 56 Rating, Add	*3,044.96*	
40 05 19 00-2428	EA	24" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
		Pipe	12,340.22	1,137.36
		For Class 52 Rating, Deduct	*-1,167.86*	
		For Class 54 Rating, Add	*1,613.22*	
		For Class 55 Rating, Add	*2,408.94*	
		For Class 56 Rating, Add	*3,194.04*	
40 05 19 00-2429	EA	24" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
		Pipe	12,850.57	1,141.13
		For Class 52 Rating, Deduct	*-1,223.38*	
		For Class 54 Rating, Add	*1,688.99*	
		For Class 55 Rating, Add	*2,521.61*	
		For Class 56 Rating, Add	*3,343.11*	
40 05 19 00-2430	EA	24" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
		Pipe	13,360.94	1,144.89
		For Class 52 Rating, Deduct	*-1,278.89*	
		For Class 54 Rating, Add	*1,764.76*	
		For Class 55 Rating, Add	*2,634.29*	
		For Class 56 Rating, Add	*3,492.20*	
40 05 19 00-2431	EA	24" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
		Pipe	13,871.31	1,148.66
		For Class 52 Rating, Deduct	*-1,334.40*	
		For Class 54 Rating, Add	*1,840.52*	
		For Class 55 Rating, Add	*2,746.97*	
		For Class 56 Rating, Add	*3,641.28*	
40 05 19 00-2432	EA	24" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
		Pipe	14,381.68	1,152.42
		For Class 52 Rating, Deduct	*-1,389.91*	
		For Class 54 Rating, Add	*1,916.29*	
		For Class 55 Rating, Add	*2,859.64*	
		For Class 56 Rating, Add	*3,790.36*	
40 05 19 00-2433	EA	24" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
		Pipe	14,892.05	1,156.19
		For Class 52 Rating, Deduct	*-1,445.43*	
		For Class 54 Rating, Add	*1,992.06*	
		For Class 55 Rating, Add	*2,972.32*	
		For Class 56 Rating, Add	*3,939.44*	
40 05 19 00-2434	EA	24" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
		Pipe	15,402.41	1,159.96
		For Class 52 Rating, Deduct	*-1,500.94*	
		For Class 54 Rating, Add	*2,067.83*	
		For Class 55 Rating, Add	*3,084.99*	
		For Class 56 Rating, Add	*4,088.52*	
40 05 19 00-2435	EA	24" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
		Pipe	15,912.78	1,163.72
		For Class 52 Rating, Deduct	*-1,556.45*	
		For Class 54 Rating, Add	*2,143.59*	
		For Class 55 Rating, Add	*3,197.67*	
		For Class 56 Rating, Add	*4,237.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2436	EA	24" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,423.15	1,167.48
		For Class 52 Rating, Deduct	*-1,611.97*	
		For Class 54 Rating, Add	*2,219.36*	
		For Class 55 Rating, Add	*3,310.35*	
		For Class 56 Rating, Add	*4,386.68*	
40 05 19 00-2437	EA	24" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,933.52	1,171.26
		For Class 52 Rating, Deduct	*-1,667.48*	
		For Class 54 Rating, Add	*2,295.13*	
		For Class 55 Rating, Add	*3,423.03*	
		For Class 56 Rating, Add	*4,535.76*	
40 05 19 00-2438	EA	24" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,443.89	1,175.02
		For Class 52 Rating, Deduct	*-1,722.99*	
		For Class 54 Rating, Add	*2,370.90*	
		For Class 55 Rating, Add	*3,535.70*	
		For Class 56 Rating, Add	*4,684.84*	
40 05 19 00-2439	EA	24" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,954.26	1,178.78
		For Class 52 Rating, Deduct	*-1,778.50*	
		For Class 54 Rating, Add	*2,446.67*	
		For Class 55 Rating, Add	*3,648.38*	
		For Class 56 Rating, Add	*4,833.92*	
40 05 19 00-2440	EA	24" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,464.62	1,182.55
		For Class 52 Rating, Deduct	*-1,834.02*	
		For Class 54 Rating, Add	*2,522.43*	
		For Class 55 Rating, Add	*3,761.05*	
		For Class 56 Rating, Add	*4,983.00*	
40 05 19 00-2441	EA	24" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,974.99	1,186.32
		For Class 52 Rating, Deduct	*-1,889.53*	
		For Class 54 Rating, Add	*2,598.20*	
		For Class 55 Rating, Add	*3,873.73*	
		For Class 56 Rating, Add	*5,132.08*	
40 05 19 00-2442	EA	24" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,485.37	1,190.08
		For Class 52 Rating, Deduct	*-1,945.04*	
		For Class 54 Rating, Add	*2,673.97*	
		For Class 55 Rating, Add	*3,986.41*	
		For Class 56 Rating, Add	*5,281.17*	
40 05 19 00-2443	EA	24" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,995.73	1,193.85
		For Class 52 Rating, Deduct	*-2,000.56*	
		For Class 54 Rating, Add	*2,749.74*	
		For Class 55 Rating, Add	*4,099.08*	
		For Class 56 Rating, Add	*5,430.25*	
40 05 19 00-2444	EA	24" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,506.10	1,197.61
		For Class 52 Rating, Deduct	*-2,056.07*	
		For Class 54 Rating, Add	*2,825.50*	
		For Class 55 Rating, Add	*4,211.76*	
		For Class 56 Rating, Add	*5,579.33*	
40 05 19 00-2445	EA	24" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,016.47	1,201.38
		For Class 52 Rating, Deduct	*-2,111.58*	
		For Class 54 Rating, Add	*2,901.27*	
		For Class 55 Rating, Add	*4,324.44*	
		For Class 56 Rating, Add	*5,728.41*	
40 05 19 00-2446	EA	24" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,526.83	1,205.15
		For Class 52 Rating, Deduct	*-2,167.09*	
		For Class 54 Rating, Add	*2,977.04*	
		For Class 55 Rating, Add	*4,437.11*	
		For Class 56 Rating, Add	*5,877.49*	
40 05 19 00-2447	EA	24" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,134.20	1,272.94
		For Class 52 Rating, Deduct	*-2,222.61*	
		For Class 54 Rating, Add	*3,053.97*	
		For Class 55 Rating, Add	*4,552.12*	
		For Class 56 Rating, Add	*6,030.06*	
40 05 19 00-2448	EA	24" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,644.58	1,276.70
		For Class 52 Rating, Deduct	*-2,278.12*	
		For Class 54 Rating, Add	*3,129.74*	
		For Class 55 Rating, Add	*4,664.80*	
		For Class 56 Rating, Add	*6,179.14*	
40 05 19 00-2449	EA	24" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,154.94	1,280.47
		For Class 52 Rating, Deduct	*-2,333.63*	
		For Class 54 Rating, Add	*3,205.51*	
		For Class 55 Rating, Add	*4,777.47*	
		For Class 56 Rating, Add	*6,328.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2450	EA	24" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,665.31	1,284.23
		For Class 52 Rating, Deduct	*-2,389.15*	
		For Class 54 Rating, Add	*3,281.27*	
		For Class 55 Rating, Add	*4,890.15*	
		For Class 56 Rating, Add	*6,477.30*	
40 05 19 00-2451	EA	24" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,175.68	1,288.01
		For Class 52 Rating, Deduct	*-2,444.66*	
		For Class 54 Rating, Add	*3,357.04*	
		For Class 55 Rating, Add	*5,002.82*	
		For Class 56 Rating, Add	*6,626.38*	
40 05 19 00-2452	EA	24" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,686.04	1,291.77
		For Class 52 Rating, Deduct	*-2,500.17*	
		For Class 54 Rating, Add	*3,432.81*	
		For Class 55 Rating, Add	*5,115.50*	
		For Class 56 Rating, Add	*6,775.46*	
40 05 19 00-2453	EA	24" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,196.41	1,295.53
		For Class 52 Rating, Deduct	*-2,555.68*	
		For Class 54 Rating, Add	*3,508.58*	
		For Class 55 Rating, Add	*5,228.18*	
		For Class 56 Rating, Add	*6,924.54*	
40 05 19 00-2454	EA	24" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,706.79	1,299.30
		For Class 52 Rating, Deduct	*-2,611.20*	
		For Class 54 Rating, Add	*3,584.35*	
		For Class 55 Rating, Add	*5,340.85*	
		For Class 56 Rating, Add	*7,073.63*	
40 05 19 00-2455	EA	24" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,217.15	1,303.07
		For Class 52 Rating, Deduct	*-2,666.71*	
		For Class 54 Rating, Add	*3,660.11*	
		For Class 55 Rating, Add	*5,453.53*	
		For Class 56 Rating, Add	*7,222.71*	
40 05 19 00-2456		30" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*		
40 05 19 00-2457	EA	30" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,168.25	1,551.63
		For Class 52 Rating, Deduct	*-969.90*	
		For Class 54 Rating, Add	*1,350.81*	
		For Class 55 Rating, Add	*2,022.68*	
		For Class 56 Rating, Add	*2,685.74*	
40 05 19 00-2458	EA	30" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,897.62	1,555.39
		For Class 52 Rating, Deduct	*-1,049.51*	
		For Class 54 Rating, Add	*1,459.42*	
		For Class 55 Rating, Add	*2,184.19*	
		For Class 56 Rating, Add	*2,899.42*	
40 05 19 00-2459	EA	30" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,626.99	1,559.16
		For Class 52 Rating, Deduct	*-1,129.11*	
		For Class 54 Rating, Add	*1,568.04*	
		For Class 55 Rating, Add	*2,345.71*	
		For Class 56 Rating, Add	*3,113.11*	
40 05 19 00-2460	EA	30" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,356.37	1,562.93
		For Class 52 Rating, Deduct	*-1,208.71*	
		For Class 54 Rating, Add	*1,676.66*	
		For Class 55 Rating, Add	*2,507.22*	
		For Class 56 Rating, Add	*3,326.80*	
40 05 19 00-2461	EA	30" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,085.74	1,566.69
		For Class 52 Rating, Deduct	*-1,288.32*	
		For Class 54 Rating, Add	*1,785.28*	
		For Class 55 Rating, Add	*2,668.74*	
		For Class 56 Rating, Add	*3,540.48*	
40 05 19 00-2462	EA	30" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,815.11	1,570.46
		For Class 52 Rating, Deduct	*-1,367.92*	
		For Class 54 Rating, Add	*1,893.90*	
		For Class 55 Rating, Add	*2,830.25*	
		For Class 56 Rating, Add	*3,754.17*	
40 05 19 00-2463	EA	30" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,544.48	1,574.22
		For Class 52 Rating, Deduct	*-1,447.52*	
		For Class 54 Rating, Add	*2,002.52*	
		For Class 55 Rating, Add	*2,991.77*	
		For Class 56 Rating, Add	*3,967.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2464	EA	30" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,273.86	1,577.99
		For Class 52 Rating, Deduct	*-1,527.13*	
		For Class 54 Rating, Add	*2,111.13*	
		For Class 55 Rating, Add	*3,153.28*	
		For Class 56 Rating, Add	*4,181.55*	
40 05 19 00-2465	EA	30" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,003.23	1,581.76
		For Class 52 Rating, Deduct	*-1,606.73*	
		For Class 54 Rating, Add	*2,219.75*	
		For Class 55 Rating, Add	*3,314.80*	
		For Class 56 Rating, Add	*4,395.23*	
40 05 19 00-2466	EA	30" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,732.60	1,585.52
		For Class 52 Rating, Deduct	*-1,686.33*	
		For Class 54 Rating, Add	*2,328.37*	
		For Class 55 Rating, Add	*3,476.31*	
		For Class 56 Rating, Add	*4,608.92*	
40 05 19 00-2467	EA	30" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,461.98	1,589.29
		For Class 52 Rating, Deduct	*-1,765.94*	
		For Class 54 Rating, Add	*2,436.99*	
		For Class 55 Rating, Add	*3,637.83*	
		For Class 56 Rating, Add	*4,822.61*	
40 05 19 00-2468	EA	30" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,191.34	1,593.06
		For Class 52 Rating, Deduct	*-1,845.54*	
		For Class 54 Rating, Add	*2,545.61*	
		For Class 55 Rating, Add	*3,799.34*	
		For Class 56 Rating, Add	*5,036.29*	
40 05 19 00-2469	EA	30" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,920.72	1,596.82
		For Class 52 Rating, Deduct	*-1,925.14*	
		For Class 54 Rating, Add	*2,654.23*	
		For Class 55 Rating, Add	*3,960.85*	
		For Class 56 Rating, Add	*5,249.98*	
40 05 19 00-2470	EA	30" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,650.09	1,600.59
		For Class 52 Rating, Deduct	*-2,004.74*	
		For Class 54 Rating, Add	*2,762.84*	
		For Class 55 Rating, Add	*4,122.37*	
		For Class 56 Rating, Add	*5,463.67*	
40 05 19 00-2471	EA	30" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,379.46	1,604.35
		For Class 52 Rating, Deduct	*-2,084.35*	
		For Class 54 Rating, Add	*2,871.46*	
		For Class 55 Rating, Add	*4,283.88*	
		For Class 56 Rating, Add	*5,677.35*	
40 05 19 00-2472	EA	30" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,108.84	1,608.12
		For Class 52 Rating, Deduct	*-2,163.95*	
		For Class 54 Rating, Add	*2,980.08*	
		For Class 55 Rating, Add	*4,445.40*	
		For Class 56 Rating, Add	*5,891.04*	
40 05 19 00-2473	EA	30" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,838.21	1,611.89
		For Class 52 Rating, Deduct	*-2,243.55*	
		For Class 54 Rating, Add	*3,088.70*	
		For Class 55 Rating, Add	*4,606.91*	
		For Class 56 Rating, Add	*6,104.73*	
40 05 19 00-2474	EA	30" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,567.58	1,615.65
		For Class 52 Rating, Deduct	*-2,323.16*	
		For Class 54 Rating, Add	*3,197.32*	
		For Class 55 Rating, Add	*4,768.43*	
		For Class 56 Rating, Add	*6,318.41*	
40 05 19 00-2475	EA	30" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,296.94	1,619.41
		For Class 52 Rating, Deduct	*-2,402.76*	
		For Class 54 Rating, Add	*3,305.94*	
		For Class 55 Rating, Add	*4,929.94*	
		For Class 56 Rating, Add	*6,532.10*	
40 05 19 00-2476	EA	30" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,026.31	1,623.19
		For Class 52 Rating, Deduct	*-2,482.36*	
		For Class 54 Rating, Add	*3,414.55*	
		For Class 55 Rating, Add	*5,091.45*	
		For Class 56 Rating, Add	*6,745.79*	
40 05 19 00-2477	EA	30" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,755.69	1,626.95
		For Class 52 Rating, Deduct	*-2,561.97*	
		For Class 54 Rating, Add	*3,523.17*	
		For Class 55 Rating, Add	*5,252.97*	
		For Class 56 Rating, Add	*6,959.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2478	EA	30" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,485.06	1,630.71
		For Class 52 Rating, Deduct	*-2,641.57*	
		For Class 54 Rating, Add	*3,631.79*	
		For Class 55 Rating, Add	*5,414.48*	
		For Class 56 Rating, Add	*7,173.16*	
40 05 19 00-2479	EA	30" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,214.43	1,634.49
		For Class 52 Rating, Deduct	*-2,721.17*	
		For Class 54 Rating, Add	*3,740.41*	
		For Class 55 Rating, Add	*5,576.00*	
		For Class 56 Rating, Add	*7,386.85*	
40 05 19 00-2480	EA	30" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,943.80	1,638.25
		For Class 52 Rating, Deduct	*-2,800.78*	
		For Class 54 Rating, Add	*3,849.03*	
		For Class 55 Rating, Add	*5,737.51*	
		For Class 56 Rating, Add	*7,600.53*	
40 05 19 00-2481	EA	30" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,673.18	1,642.01
		For Class 52 Rating, Deduct	*-2,880.38*	
		For Class 54 Rating, Add	*3,957.65*	
		For Class 55 Rating, Add	*5,899.03*	
		For Class 56 Rating, Add	*7,814.22*	
40 05 19 00-2482	EA	30" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,402.55	1,645.78
		For Class 52 Rating, Deduct	*-2,959.98*	
		For Class 54 Rating, Add	*4,066.27*	
		For Class 55 Rating, Add	*6,060.54*	
		For Class 56 Rating, Add	*8,027.91*	
40 05 19 00-2483	EA	30" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,131.92	1,649.55
		For Class 52 Rating, Deduct	*-3,039.59*	
		For Class 54 Rating, Add	*4,174.88*	
		For Class 55 Rating, Add	*6,222.06*	
		For Class 56 Rating, Add	*8,241.60*	
40 05 19 00-2484	EA	30" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,861.30	1,653.31
		For Class 52 Rating, Deduct	*-3,119.19*	
		For Class 54 Rating, Add	*4,283.50*	
		For Class 55 Rating, Add	*6,383.57*	
		For Class 56 Rating, Add	*8,455.28*	
40 05 19 00-2485	EA	30" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,590.66	1,657.08
		For Class 52 Rating, Deduct	*-3,198.79*	
		For Class 54 Rating, Add	*4,392.12*	
		For Class 55 Rating, Add	*6,545.08*	
		For Class 56 Rating, Add	*8,668.97*	
40 05 19 00-2486	EA	30" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,320.04	1,660.84
		For Class 52 Rating, Deduct	*-3,278.40*	
		For Class 54 Rating, Add	*4,500.74*	
		For Class 55 Rating, Add	*6,706.60*	
		For Class 56 Rating, Add	*8,882.66*	
40 05 19 00-2487	EA	30" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,049.42	1,664.61
		For Class 52 Rating, Deduct	*-3,358.00*	
		For Class 54 Rating, Add	*4,609.36*	
		For Class 55 Rating, Add	*6,868.11*	
		For Class 56 Rating, Add	*9,096.34*	
40 05 19 00-2488	EA	30" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,778.78	1,668.38
		For Class 52 Rating, Deduct	*-3,437.60*	
		For Class 54 Rating, Add	*4,717.98*	
		For Class 55 Rating, Add	*7,029.63*	
		For Class 56 Rating, Add	*9,310.03*	
40 05 19 00-2489	EA	30" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,508.16	1,672.14
		For Class 52 Rating, Deduct	*-3,517.21*	
		For Class 54 Rating, Add	*4,826.59*	
		For Class 55 Rating, Add	*7,191.14*	
		For Class 56 Rating, Add	*9,523.72*	
40 05 19 00-2490	EA	30" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,237.53	1,675.91
		For Class 52 Rating, Deduct	*-3,596.81*	
		For Class 54 Rating, Add	*4,935.21*	
		For Class 55 Rating, Add	*7,352.66*	
		For Class 56 Rating, Add	*9,737.40*	
40 05 19 00-2491	EA	30" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,966.90	1,679.68
		For Class 52 Rating, Deduct	*-3,676.41*	
		For Class 54 Rating, Add	*5,043.83*	
		For Class 55 Rating, Add	*7,514.17*	
		For Class 56 Rating, Add	*9,951.09*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2492		36" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*		
40 05 19 00-2493	EA	36" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,549.95	1,965.89
		For Class 52 Rating, Deduct	*-1,382.84*	
		For Class 54 Rating, Add	*1,921.44*	
		For Class 55 Rating, Add	*2,874.89*	
		For Class 56 Rating, Add	*3,815.77*	
40 05 19 00-2494	EA	36" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,526.89	1,969.67
		For Class 52 Rating, Deduct	*-1,489.68*	
		For Class 54 Rating, Add	*2,067.19*	
		For Class 55 Rating, Add	*3,091.61*	
		For Class 56 Rating, Add	*4,102.49*	
40 05 19 00-2495	EA	36" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,503.84	1,973.43
		For Class 52 Rating, Deduct	*-1,596.52*	
		For Class 54 Rating, Add	*2,212.95*	
		For Class 55 Rating, Add	*3,308.34*	
		For Class 56 Rating, Add	*4,389.21*	
40 05 19 00-2496	EA	36" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,480.78	1,977.20
		For Class 52 Rating, Deduct	*-1,703.35*	
		For Class 54 Rating, Add	*2,358.70*	
		For Class 55 Rating, Add	*3,525.06*	
		For Class 56 Rating, Add	*4,675.93*	
40 05 19 00-2497	EA	36" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,457.71	1,980.96
		For Class 52 Rating, Deduct	*-1,810.19*	
		For Class 54 Rating, Add	*2,504.46*	
		For Class 55 Rating, Add	*3,741.78*	
		For Class 56 Rating, Add	*4,962.65*	
40 05 19 00-2498	EA	36" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,434.65	1,984.73
		For Class 52 Rating, Deduct	*-1,917.02*	
		For Class 54 Rating, Add	*2,650.21*	
		For Class 55 Rating, Add	*3,958.50*	
		For Class 56 Rating, Add	*5,249.37*	
40 05 19 00-2499	EA	36" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,411.60	1,988.50
		For Class 52 Rating, Deduct	*-2,023.86*	
		For Class 54 Rating, Add	*2,795.96*	
		For Class 55 Rating, Add	*4,175.23*	
		For Class 56 Rating, Add	*5,536.09*	
40 05 19 00-2500	EA	36" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,388.54	1,992.26
		For Class 52 Rating, Deduct	*-2,130.70*	
		For Class 54 Rating, Add	*2,941.72*	
		For Class 55 Rating, Add	*4,391.95*	
		For Class 56 Rating, Add	*5,822.81*	
40 05 19 00-2501	EA	36" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,365.48	1,996.02
		For Class 52 Rating, Deduct	*-2,237.53*	
		For Class 54 Rating, Add	*3,087.47*	
		For Class 55 Rating, Add	*4,608.67*	
		For Class 56 Rating, Add	*6,109.53*	
40 05 19 00-2502	EA	36" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,342.43	1,999.80
		For Class 52 Rating, Deduct	*-2,344.37*	
		For Class 54 Rating, Add	*3,233.23*	
		For Class 55 Rating, Add	*4,825.39*	
		For Class 56 Rating, Add	*6,396.25*	
40 05 19 00-2503	EA	36" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,319.36	2,003.56
		For Class 52 Rating, Deduct	*-2,451.20*	
		For Class 54 Rating, Add	*3,378.98*	
		For Class 55 Rating, Add	*5,042.11*	
		For Class 56 Rating, Add	*6,682.97*	
40 05 19 00-2504	EA	36" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,296.31	2,007.32
		For Class 52 Rating, Deduct	*-2,558.04*	
		For Class 54 Rating, Add	*3,524.73*	
		For Class 55 Rating, Add	*5,258.84*	
		For Class 56 Rating, Add	*6,969.69*	
40 05 19 00-2505	EA	36" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,273.25	2,011.09
		For Class 52 Rating, Deduct	*-2,664.88*	
		For Class 54 Rating, Add	*3,670.49*	
		For Class 55 Rating, Add	*5,475.56*	
		For Class 56 Rating, Add	*7,256.41*	
40 05 19 00-2506	EA	36" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,250.19	2,014.86
		For Class 52 Rating, Deduct	*-2,771.71*	
		For Class 54 Rating, Add	*3,816.24*	
		For Class 55 Rating, Add	*5,692.28*	
		For Class 56 Rating, Add	*7,543.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2507	EA	36" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,227.14	2,018.62
		For Class 52 Rating, Deduct	*-2,878.55*	
		For Class 54 Rating, Add	*3,962.00*	
		For Class 55 Rating, Add	*5,909.01*	
		For Class 56 Rating, Add	*7,829.85*	
40 05 19 00-2508	EA	36" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,204.07	2,022.39
		For Class 52 Rating, Deduct	*-2,985.38*	
		For Class 54 Rating, Add	*4,107.75*	
		For Class 55 Rating, Add	*6,125.73*	
		For Class 56 Rating, Add	*8,116.57*	
40 05 19 00-2509	EA	36" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,181.02	2,026.15
		For Class 52 Rating, Deduct	*-3,092.22*	
		For Class 54 Rating, Add	*4,253.50*	
		For Class 55 Rating, Add	*6,342.45*	
		For Class 56 Rating, Add	*8,403.29*	
40 05 19 00-2510	EA	36" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,157.96	2,029.92
		For Class 52 Rating, Deduct	*-3,199.06*	
		For Class 54 Rating, Add	*4,399.26*	
		For Class 55 Rating, Add	*6,559.17*	
		For Class 56 Rating, Add	*8,690.01*	
40 05 19 00-2511	EA	36" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,134.90	2,033.69
		For Class 52 Rating, Deduct	*-3,305.89*	
		For Class 54 Rating, Add	*4,545.01*	
		For Class 55 Rating, Add	*6,775.90*	
		For Class 56 Rating, Add	*8,976.73*	
40 05 19 00-2512	EA	36" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,111.85	2,037.45
		For Class 52 Rating, Deduct	*-3,412.73*	
		For Class 54 Rating, Add	*4,690.76*	
		For Class 55 Rating, Add	*6,992.62*	
		For Class 56 Rating, Add	*9,263.45*	
40 05 19 00-2513	EA	36" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,088.79	2,041.22
		For Class 52 Rating, Deduct	*-3,519.56*	
		For Class 54 Rating, Add	*4,836.52*	
		For Class 55 Rating, Add	*7,209.34*	
		For Class 56 Rating, Add	*9,550.17*	
40 05 19 00-2514	EA	36" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,065.73	2,044.99
		For Class 52 Rating, Deduct	*-3,626.40*	
		For Class 54 Rating, Add	*4,982.27*	
		For Class 55 Rating, Add	*7,426.06*	
		For Class 56 Rating, Add	*9,836.89*	
40 05 19 00-2515	EA	36" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,042.67	2,048.75
		For Class 52 Rating, Deduct	*-3,733.24*	
		For Class 54 Rating, Add	*5,128.03*	
		For Class 55 Rating, Add	*7,642.79*	
		For Class 56 Rating, Add	*10,123.61*	
40 05 19 00-2516	EA	36" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,019.62	2,052.52
		For Class 52 Rating, Deduct	*-3,840.07*	
		For Class 54 Rating, Add	*5,273.78*	
		For Class 55 Rating, Add	*7,859.51*	
		For Class 56 Rating, Add	*10,410.33*	
40 05 19 00-2517	EA	36" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,996.56	2,056.29
		For Class 52 Rating, Deduct	*-3,946.91*	
		For Class 54 Rating, Add	*5,419.53*	
		For Class 55 Rating, Add	*8,076.23*	
		For Class 56 Rating, Add	*10,697.05*	
40 05 19 00-2518	EA	36" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,973.50	2,060.05
		For Class 52 Rating, Deduct	*-4,053.74*	
		For Class 54 Rating, Add	*5,565.29*	
		For Class 55 Rating, Add	*8,292.95*	
		For Class 56 Rating, Add	*10,983.77*	
40 05 19 00-2519	EA	36" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,950.45	2,063.82
		For Class 52 Rating, Deduct	*-4,160.58*	
		For Class 54 Rating, Add	*5,711.04*	
		For Class 55 Rating, Add	*8,509.68*	
		For Class 56 Rating, Add	*11,270.49*	
40 05 19 00-2520	EA	36" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,927.38	2,067.58
		For Class 52 Rating, Deduct	*-4,267.41*	
		For Class 54 Rating, Add	*5,856.79*	
		For Class 55 Rating, Add	*8,726.40*	
		For Class 56 Rating, Add	*11,557.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2521	EA	36" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,904.33	2,071.35
		For Class 52 Rating, Deduct	*-4,374.25*	
		For Class 54 Rating, Add	*6,002.55*	
		For Class 55 Rating, Add	*8,943.12*	
		For Class 56 Rating, Add	*11,843.93*	
40 05 19 00-2522	EA	36" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,881.27	2,075.12
		For Class 52 Rating, Deduct	*-4,481.09*	
		For Class 54 Rating, Add	*6,148.30*	
		For Class 55 Rating, Add	*9,159.84*	
		For Class 56 Rating, Add	*12,130.65*	
40 05 19 00-2523	EA	36" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,858.21	2,078.88
		For Class 52 Rating, Deduct	*-4,587.92*	
		For Class 54 Rating, Add	*6,294.06*	
		For Class 55 Rating, Add	*9,376.57*	
		For Class 56 Rating, Add	*12,417.37*	
40 05 19 00-2524	EA	36" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,835.16	2,082.64
		For Class 52 Rating, Deduct	*-4,694.76*	
		For Class 54 Rating, Add	*6,439.81*	
		For Class 55 Rating, Add	*9,593.29*	
		For Class 56 Rating, Add	*12,704.09*	
40 05 19 00-2525	EA	36" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,812.10	2,086.42
		For Class 52 Rating, Deduct	*-4,801.59*	
		For Class 54 Rating, Add	*6,585.56*	
		For Class 55 Rating, Add	*9,810.01*	
		For Class 56 Rating, Add	*12,990.81*	
40 05 19 00-2526	EA	36" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,789.04	2,090.18
		For Class 52 Rating, Deduct	*-4,908.43*	
		For Class 54 Rating, Add	*6,731.32*	
		For Class 55 Rating, Add	*10,026.73*	
		For Class 56 Rating, Add	*13,277.53*	
40 05 19 00-2527	EA	36" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,765.98	2,093.94
		For Class 52 Rating, Deduct	*-5,015.27*	
		For Class 54 Rating, Add	*6,877.07*	
		For Class 55 Rating, Add	*10,243.46*	
		For Class 56 Rating, Add	*13,564.25*	
40 05 19 00-2528		42" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*		
40 05 19 00-2529	EA	42" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,525.15	2,478.09
		For Class 52 Rating, Deduct	*-1,844.75*	
		For Class 54 Rating, Add	*2,560.63*	
		For Class 55 Rating, Add	*3,829.93*	
		For Class 56 Rating, Add	*5,082.46*	
40 05 19 00-2530	EA	42" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,959.15	2,481.85
		For Class 52 Rating, Deduct	*-2,001.86*	
		For Class 54 Rating, Add	*2,774.94*	
		For Class 55 Rating, Add	*4,148.57*	
		For Class 56 Rating, Add	*5,504.01*	
40 05 19 00-2531	EA	42" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,381.25	2,485.62
		For Class 52 Rating, Deduct	*-2,157.67*	
		For Class 54 Rating, Add	*2,987.47*	
		For Class 55 Rating, Add	*4,464.57*	
		For Class 56 Rating, Add	*5,922.05*	
40 05 19 00-2532	EA	42" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,817.61	2,489.38
		For Class 52 Rating, Deduct	*-2,315.04*	
		For Class 54 Rating, Add	*3,202.13*	
		For Class 55 Rating, Add	*4,783.74*	
		For Class 56 Rating, Add	*6,344.30*	
40 05 19 00-2533	EA	42" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,244.47	2,493.15
		For Class 52 Rating, Deduct	*-2,471.37*	
		For Class 54 Rating, Add	*3,415.38*	
		For Class 55 Rating, Add	*5,100.79*	
		For Class 56 Rating, Add	*6,763.75*	
40 05 19 00-2534	EA	42" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,685.60	2,496.92
		For Class 52 Rating, Deduct	*-2,629.26*	
		For Class 54 Rating, Add	*3,630.76*	
		For Class 55 Rating, Add	*5,421.03*	
		For Class 56 Rating, Add	*7,187.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2535	EA	42" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,112.46	2,500.68
		For Class 52 Rating, Deduct	*-2,785.59*	
		For Class 54 Rating, Add	*3,844.00*	
		For Class 55 Rating, Add	*5,738.09*	
		For Class 56 Rating, Add	*7,606.85*	
40 05 19 00-2536	EA	42" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,555.98	2,504.44
		For Class 52 Rating, Deduct	*-2,943.75*	
		For Class 54 Rating, Add	*4,059.74*	
		For Class 55 Rating, Add	*6,058.85*	
		For Class 56 Rating, Add	*8,031.21*	
40 05 19 00-2537	EA	42" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,987.58	2,508.22
		For Class 52 Rating, Deduct	*-3,100.60*	
		For Class 54 Rating, Add	*4,273.69*	
		For Class 55 Rating, Add	*6,376.97*	
		For Class 56 Rating, Add	*8,452.05*	
40 05 19 00-2538	EA	42" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,431.10	2,511.98
		For Class 52 Rating, Deduct	*-3,258.76*	
		For Class 54 Rating, Add	*4,489.43*	
		For Class 55 Rating, Add	*6,697.74*	
		For Class 56 Rating, Add	*8,876.41*	
40 05 19 00-2539	EA	42" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,862.72	2,515.74
		For Class 52 Rating, Deduct	*-3,415.61*	
		For Class 54 Rating, Add	*4,703.39*	
		For Class 55 Rating, Add	*7,015.85*	
		For Class 56 Rating, Add	*9,297.26*	
40 05 19 00-2540	EA	42" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,308.61	2,519.51
		For Class 52 Rating, Deduct	*-3,574.03*	
		For Class 54 Rating, Add	*4,919.48*	
		For Class 55 Rating, Add	*7,337.15*	
		For Class 56 Rating, Add	*9,722.32*	
40 05 19 00-2541	EA	42" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,740.23	2,523.28
		For Class 52 Rating, Deduct	*-3,730.88*	
		For Class 54 Rating, Add	*5,133.44*	
		For Class 55 Rating, Add	*7,655.26*	
		For Class 56 Rating, Add	*10,143.17*	
40 05 19 00-2542	EA	42" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,176.61	2,527.05
		For Class 52 Rating, Deduct	*-3,888.25*	
		For Class 54 Rating, Add	*5,348.11*	
		For Class 55 Rating, Add	*7,974.44*	
		For Class 56 Rating, Add	*10,565.43*	
40 05 19 00-2543	EA	42" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,620.12	2,530.81
		For Class 52 Rating, Deduct	*-4,046.41*	
		For Class 54 Rating, Add	*5,563.85*	
		For Class 55 Rating, Add	*8,295.21*	
		For Class 56 Rating, Add	*10,989.78*	
40 05 19 00-2544	EA	42" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,054.12	2,534.57
		For Class 52 Rating, Deduct	*-4,203.52*	
		For Class 54 Rating, Add	*5,778.16*	
		For Class 55 Rating, Add	*8,613.86*	
		For Class 56 Rating, Add	*11,411.34*	
40 05 19 00-2545	EA	42" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,504.78	2,538.35
		For Class 52 Rating, Deduct	*-4,362.47*	
		For Class 54 Rating, Add	*5,994.97*	
		For Class 55 Rating, Add	*8,936.22*	
		For Class 56 Rating, Add	*11,837.80*	
40 05 19 00-2546	EA	42" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,941.15	2,542.11
		For Class 52 Rating, Deduct	*-4,519.84*	
		For Class 54 Rating, Add	*6,209.64*	
		For Class 55 Rating, Add	*9,255.39*	
		For Class 56 Rating, Add	*12,260.05*	
40 05 19 00-2547	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,389.43	2,545.87
		For Class 52 Rating, Deduct	*-4,678.52*	
		For Class 54 Rating, Add	*6,426.09*	
		For Class 55 Rating, Add	*9,577.22*	
		For Class 56 Rating, Add	*12,685.82*	
40 05 19 00-2548	EA	42" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,823.42	2,549.65
		For Class 52 Rating, Deduct	*-4,835.64*	
		For Class 54 Rating, Add	*6,640.41*	
		For Class 55 Rating, Add	*9,895.87*	
		For Class 56 Rating, Add	*13,107.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2549	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,276.46	2,553.41
		For Class 52 Rating, Deduct	*-4,994.84*	
		For Class 54 Rating, Add	*6,857.57*	
		For Class 55 Rating, Add	*10,218.76*	
		For Class 56 Rating, Add	*13,534.54*	
40 05 19 00-2550	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,712.83	2,557.17
		For Class 52 Rating, Deduct	*-5,152.22*	
		For Class 54 Rating, Add	*7,072.24*	
		For Class 55 Rating, Add	*10,537.93*	
		For Class 56 Rating, Add	*13,956.79*	
40 05 19 00-2551	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,161.12	2,560.94
		For Class 52 Rating, Deduct	*-5,310.90*	
		For Class 54 Rating, Add	*7,288.70*	
		For Class 55 Rating, Add	*10,859.77*	
		For Class 56 Rating, Add	*14,382.55*	
40 05 19 00-2552	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	53,597.48	2,564.71
		For Class 52 Rating, Deduct	*-5,468.27*	
		For Class 54 Rating, Add	*7,503.37*	
		For Class 55 Rating, Add	*11,178.94*	
		For Class 56 Rating, Add	*14,804.80*	
40 05 19 00-2553	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,050.53	2,568.47
		For Class 52 Rating, Deduct	*-5,627.48*	
		For Class 54 Rating, Add	*7,720.53*	
		For Class 55 Rating, Add	*11,501.83*	
		For Class 56 Rating, Add	*15,231.97*	
40 05 19 00-2554	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	56,486.90	2,572.24
		For Class 52 Rating, Deduct	*-5,784.85*	
		For Class 54 Rating, Add	*7,935.20*	
		For Class 55 Rating, Add	*11,821.01*	
		For Class 56 Rating, Add	*15,654.22*	
40 05 19 00-2555	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	57,935.17	2,576.00
		For Class 52 Rating, Deduct	*-5,943.54*	
		For Class 54 Rating, Add	*8,151.66*	
		For Class 55 Rating, Add	*12,142.84*	
		For Class 56 Rating, Add	*16,079.99*	
40 05 19 00-2556	EA	42" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	59,373.92	2,579.77
		For Class 52 Rating, Deduct	*-6,101.17*	
		For Class 54 Rating, Add	*8,366.68*	
		For Class 55 Rating, Add	*12,462.54*	
		For Class 56 Rating, Add	*16,502.94*	
40 05 19 00-2557	EA	42" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	60,538.92	2,583.54
		For Class 52 Rating, Deduct	*-6,228.69*	
		For Class 54 Rating, Add	*8,540.65*	
		For Class 55 Rating, Add	*12,721.21*	
		For Class 56 Rating, Add	*16,845.14*	
40 05 19 00-2558	EA	42" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	62,263.33	2,587.30
		For Class 52 Rating, Deduct	*-6,417.75*	
		For Class 54 Rating, Add	*8,798.52*	
		For Class 55 Rating, Add	*13,104.61*	
		For Class 56 Rating, Add	*17,352.36*	
40 05 19 00-2559	EA	42" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	63,699.71	2,591.06
		For Class 52 Rating, Deduct	*-6,575.12*	
		For Class 54 Rating, Add	*9,013.19*	
		For Class 55 Rating, Add	*13,423.79*	
		For Class 56 Rating, Add	*17,774.62*	
40 05 19 00-2560	EA	42" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	65,150.36	2,594.84
		For Class 52 Rating, Deduct	*-6,734.07*	
		For Class 54 Rating, Add	*9,230.00*	
		For Class 55 Rating, Add	*13,746.15*	
		For Class 56 Rating, Add	*18,201.08*	
40 05 19 00-2561	EA	42" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	66,589.12	2,598.60
		For Class 52 Rating, Deduct	*-6,891.70*	
		For Class 54 Rating, Add	*9,445.02*	
		For Class 55 Rating, Add	*14,065.86*	
		For Class 56 Rating, Add	*18,624.04*	
40 05 19 00-2562	EA	42" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	68,042.16	2,602.37
		For Class 52 Rating, Deduct	*-7,050.91*	
		For Class 54 Rating, Add	*9,662.19*	
		For Class 55 Rating, Add	*14,388.75*	
		For Class 56 Rating, Add	*19,051.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2563	EA	42" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	69,476.15	2,606.13
		For Class 52 Rating, Deduct	*-7,208.02*	
		For Class 54 Rating, Add	*9,876.50*	
		For Class 55 Rating, Add	*14,707.39*	
		For Class 56 Rating, Add	*19,472.76*	

40 05 19 00-2564 48" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2565	EA	48" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,745.80	3,114.55
		For Class 52 Rating, Deduct	*-2,312.95*	
		For Class 54 Rating, Add	*3,210.65*	
		For Class 55 Rating, Add	*4,802.23*	
		For Class 56 Rating, Add	*6,372.78*	
40 05 19 00-2566	EA	48" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,793.96	3,118.32
		For Class 52 Rating, Deduct	*-2,537.62*	
		For Class 54 Rating, Add	*3,517.08*	
		For Class 55 Rating, Add	*5,257.83*	
		For Class 56 Rating, Add	*6,975.51*	
40 05 19 00-2567	EA	48" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,846.88	3,122.09
		For Class 52 Rating, Deduct	*-2,762.81*	
		For Class 54 Rating, Add	*3,824.23*	
		For Class 55 Rating, Add	*5,714.50*	
		For Class 56 Rating, Add	*7,579.65*	
40 05 19 00-2568	EA	48" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,923.60	3,125.85
		For Class 52 Rating, Deduct	*-2,990.62*	
		For Class 54 Rating, Add	*4,134.95*	
		For Class 55 Rating, Add	*6,176.47*	
		For Class 56 Rating, Add	*8,190.80*	
40 05 19 00-2569	EA	48" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,993.19	3,129.61
		For Class 52 Rating, Deduct	*-3,217.65*	
		For Class 54 Rating, Add	*4,444.60*	
		For Class 55 Rating, Add	*6,636.85*	
		For Class 56 Rating, Add	*8,799.85*	
40 05 19 00-2570	EA	48" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,067.53	3,133.39
		For Class 52 Rating, Deduct	*-3,445.20*	
		For Class 54 Rating, Add	*4,754.97*	
		For Class 55 Rating, Add	*7,098.30*	
		For Class 56 Rating, Add	*9,410.31*	
40 05 19 00-2571	EA	48" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,156.16	3,137.15
		For Class 52 Rating, Deduct	*-3,674.32*	
		For Class 54 Rating, Add	*5,067.47*	
		For Class 55 Rating, Add	*7,562.92*	
		For Class 56 Rating, Add	*10,024.97*	
40 05 19 00-2572	EA	48" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,240.02	3,140.92
		For Class 52 Rating, Deduct	*-3,902.92*	
		For Class 54 Rating, Add	*5,379.27*	
		For Class 55 Rating, Add	*8,026.49*	
		For Class 56 Rating, Add	*10,638.23*	
40 05 19 00-2573	EA	48" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,321.50	3,144.68
		For Class 52 Rating, Deduct	*-4,131.25*	
		For Class 54 Rating, Add	*5,690.70*	
		For Class 55 Rating, Add	*8,489.53*	
		For Class 56 Rating, Add	*11,250.79*	
40 05 19 00-2574	EA	48" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,424.42	3,148.45
		For Class 52 Rating, Deduct	*-4,361.94*	
		For Class 54 Rating, Add	*6,005.35*	
		For Class 55 Rating, Add	*8,957.34*	
		For Class 56 Rating, Add	*11,869.68*	
40 05 19 00-2575	EA	48" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,513.05	3,152.22
		For Class 52 Rating, Deduct	*-4,591.07*	
		For Class 54 Rating, Add	*6,317.86*	
		For Class 55 Rating, Add	*9,421.97*	
		For Class 56 Rating, Add	*12,484.34*	
40 05 19 00-2576	EA	48" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,618.33	3,155.98
		For Class 52 Rating, Deduct	*-4,822.02*	
		For Class 54 Rating, Add	*6,632.86*	
		For Class 55 Rating, Add	*9,890.31*	
		For Class 56 Rating, Add	*13,103.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2577	EA	48" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,711.72	3,159.75
		For Class 52 Rating, Deduct	*-5,051.66*	
		For Class 54 Rating, Add	*6,946.08*	
		For Class 55 Rating, Add	*10,356.00*	
		For Class 56 Rating, Add	*13,719.99*	
40 05 19 00-2578	EA	48" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,807.49	3,163.52
		For Class 52 Rating, Deduct	*-5,281.57*	
		For Class 54 Rating, Add	*7,259.66*	
		For Class 55 Rating, Add	*10,822.22*	
		For Class 56 Rating, Add	*14,336.77*	
40 05 19 00-2579	EA	48" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,917.54	3,167.28
		For Class 52 Rating, Deduct	*-5,513.05*	
		For Class 54 Rating, Add	*7,575.38*	
		For Class 55 Rating, Add	*11,291.63*	
		For Class 56 Rating, Add	*14,957.76*	
40 05 19 00-2580	EA	48" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	57,018.07	3,171.04
		For Class 52 Rating, Deduct	*-5,743.48*	
		For Class 54 Rating, Add	*7,889.67*	
		For Class 55 Rating, Add	*11,758.91*	
		For Class 56 Rating, Add	*15,575.93*	
40 05 19 00-2581	EA	48" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	59,116.22	3,174.82
		For Class 52 Rating, Deduct	*-5,973.65*	
		For Class 54 Rating, Add	*8,203.61*	
		For Class 55 Rating, Add	*12,225.66*	
		For Class 56 Rating, Add	*16,193.41*	
40 05 19 00-2582	EA	48" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	61,231.02	3,178.58
		For Class 52 Rating, Deduct	*-6,205.65*	
		For Class 54 Rating, Add	*8,520.04*	
		For Class 55 Rating, Add	*12,696.13*	
		For Class 56 Rating, Add	*16,815.80*	
40 05 19 00-2583	EA	48" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	63,333.93	3,182.34
		For Class 52 Rating, Deduct	*-6,436.34*	
		For Class 54 Rating, Add	*8,834.69*	
		For Class 55 Rating, Add	*13,163.94*	
		For Class 56 Rating, Add	*17,434.68*	
40 05 19 00-2584	EA	48" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	65,434.46	3,186.11
		For Class 52 Rating, Deduct	*-6,666.77*	
		For Class 54 Rating, Add	*9,148.98*	
		For Class 55 Rating, Add	*13,631.22*	
		For Class 56 Rating, Add	*18,052.86*	
40 05 19 00-2585	EA	48" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	67,551.65	3,189.88
		For Class 52 Rating, Deduct	*-6,899.04*	
		For Class 54 Rating, Add	*9,465.77*	
		For Class 55 Rating, Add	*14,102.22*	
		For Class 56 Rating, Add	*18,675.95*	
40 05 19 00-2586	EA	48" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	69,659.32	3,193.64
		For Class 52 Rating, Deduct	*-7,130.25*	
		For Class 54 Rating, Add	*9,781.14*	
		For Class 55 Rating, Add	*14,571.10*	
		For Class 56 Rating, Add	*19,296.24*	
40 05 19 00-2587	EA	48" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	71,762.23	3,197.41
		For Class 52 Rating, Deduct	*-7,360.94*	
		For Class 54 Rating, Add	*10,095.79*	
		For Class 55 Rating, Add	*15,038.91*	
		For Class 56 Rating, Add	*19,915.12*	
40 05 19 00-2588	EA	48" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	73,881.80	3,201.17
		For Class 52 Rating, Deduct	*-7,593.47*	
		For Class 54 Rating, Add	*10,412.93*	
		For Class 55 Rating, Add	*15,510.44*	
		For Class 56 Rating, Add	*20,538.91*	
40 05 19 00-2589	EA	48" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	75,989.47	3,204.94
		For Class 52 Rating, Deduct	*-7,824.69*	
		For Class 54 Rating, Add	*10,728.30*	
		For Class 55 Rating, Add	*15,979.31*	
		For Class 56 Rating, Add	*21,159.20*	
40 05 19 00-2590	EA	48" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	78,094.76	3,208.71
		For Class 52 Rating, Deduct	*-8,055.64*	
		For Class 54 Rating, Add	*11,043.30*	
		For Class 55 Rating, Add	*16,447.66*	
		For Class 56 Rating, Add	*21,778.78*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2591	EA	48" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	80,216.71	3,212.47
		For Class 52 Rating, Deduct	*-8,288.43*	
		For Class 54 Rating, Add	*11,360.81*	
		For Class 55 Rating, Add	*16,919.72*	
		For Class 56 Rating, Add	*22,403.28*	
40 05 19 00-2592	EA	48" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	82,326.77	3,216.24
		For Class 52 Rating, Deduct	*-8,519.90*	
		For Class 54 Rating, Add	*11,676.53*	
		For Class 55 Rating, Add	*17,389.12*	
		For Class 56 Rating, Add	*23,024.27*	
40 05 19 00-2593	EA	48" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	84,189.24	3,220.01
		For Class 52 Rating, Deduct	*-8,724.15*	
		For Class 54 Rating, Add	*11,955.11*	
		For Class 55 Rating, Add	*17,803.32*	
		For Class 56 Rating, Add	*23,572.22*	
40 05 19 00-2594	EA	48" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	86,558.77	3,223.77
		For Class 52 Rating, Deduct	*-8,984.17*	
		For Class 54 Rating, Add	*12,309.75*	
		For Class 55 Rating, Add	*18,330.59*	
		For Class 56 Rating, Add	*24,269.75*	
40 05 19 00-2595	EA	48" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	88,666.44	3,227.54
		For Class 52 Rating, Deduct	*-9,215.39*	
		For Class 54 Rating, Add	*12,625.12*	
		For Class 55 Rating, Add	*18,799.46*	
		For Class 56 Rating, Add	*24,890.04*	
40 05 19 00-2596	EA	48" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	90,793.15	3,231.30
		For Class 52 Rating, Deduct	*-9,448.70*	
		For Class 54 Rating, Add	*12,943.34*	
		For Class 55 Rating, Add	*19,272.59*	
		For Class 56 Rating, Add	*25,515.94*	
40 05 19 00-2597	EA	48" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	92,900.82	3,235.07
		For Class 52 Rating, Deduct	*-9,679.91*	
		For Class 54 Rating, Add	*13,258.70*	
		For Class 55 Rating, Add	*19,741.46*	
		For Class 56 Rating, Add	*26,136.22*	
40 05 19 00-2598	EA	48" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	95,008.50	3,238.84
		For Class 52 Rating, Deduct	*-9,911.13*	
		For Class 54 Rating, Add	*13,574.06*	
		For Class 55 Rating, Add	*20,210.34*	
		For Class 56 Rating, Add	*26,756.51*	
40 05 19 00-2599	EA	48" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	97,137.59	3,242.60
		For Class 52 Rating, Deduct	*-10,144.70*	
		For Class 54 Rating, Add	*13,892.64*	
		For Class 55 Rating, Add	*20,683.99*	
		For Class 56 Rating, Add	*27,383.11*	

40 05 19 00-2600 Flanged End x Grooved End (FxG), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2059)*

40 05 19 00-2601 4" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-2602	EA	4" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	687.23	172.34
		For Class 52 Rating, Deduct	*-46.87*	
		For Class 54 Rating, Add	*67.05*	
		For Class 55 Rating, Add	*101.29*	
		For Class 56 Rating, Add	*135.10*	
40 05 19 00-2603	EA	4" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	782.24	175.35
		For Class 52 Rating, Deduct	*-56.82*	
		For Class 54 Rating, Add	*80.67*	
		For Class 55 Rating, Add	*121.57*	
		For Class 56 Rating, Add	*161.95*	
40 05 19 00-2604	EA	4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	877.26	178.36
		For Class 52 Rating, Deduct	*-66.77*	
		For Class 54 Rating, Add	*94.30*	
		For Class 55 Rating, Add	*141.85*	
		For Class 56 Rating, Add	*188.80*	
40 05 19 00-2605	EA	4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	972.29	181.37
		For Class 52 Rating, Deduct	*-76.72*	
		For Class 54 Rating, Add	*107.92*	
		For Class 55 Rating, Add	*162.13*	
		For Class 56 Rating, Add	*215.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2606	EA	4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,067.31	184.38
		For Class 52 Rating, Deduct	*-86.67*	
		For Class 54 Rating, Add	*121.54*	
		For Class 55 Rating, Add	*182.42*	
		For Class 56 Rating, Add	*242.50*	
40 05 19 00-2607	EA	4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,162.35	187.41
		For Class 52 Rating, Deduct	*-96.62*	
		For Class 54 Rating, Add	*135.17*	
		For Class 55 Rating, Add	*202.70*	
		For Class 56 Rating, Add	*269.35*	
40 05 19 00-2608	EA	4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,257.37	190.42
		For Class 52 Rating, Deduct	*-106.57*	
		For Class 54 Rating, Add	*148.79*	
		For Class 55 Rating, Add	*222.98*	
		For Class 56 Rating, Add	*296.20*	
40 05 19 00-2609	EA	4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,352.38	193.43
		For Class 52 Rating, Deduct	*-116.52*	
		For Class 54 Rating, Add	*162.41*	
		For Class 55 Rating, Add	*243.26*	
		For Class 56 Rating, Add	*323.05*	
40 05 19 00-2610	EA	4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,447.41	196.44
		For Class 52 Rating, Deduct	*-126.47*	
		For Class 54 Rating, Add	*176.04*	
		For Class 55 Rating, Add	*263.54*	
		For Class 56 Rating, Add	*349.90*	
40 05 19 00-2611	EA	4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,542.43	199.46
		For Class 52 Rating, Deduct	*-136.43*	
		For Class 54 Rating, Add	*189.66*	
		For Class 55 Rating, Add	*283.82*	
		For Class 56 Rating, Add	*376.75*	
40 05 19 00-2612	EA	4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,637.45	202.47
		For Class 52 Rating, Deduct	*-146.38*	
		For Class 54 Rating, Add	*203.28*	
		For Class 55 Rating, Add	*304.11*	
		For Class 56 Rating, Add	*403.60*	
40 05 19 00-2613	EA	4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,732.48	205.48
		For Class 52 Rating, Deduct	*-156.33*	
		For Class 54 Rating, Add	*216.91*	
		For Class 55 Rating, Add	*324.39*	
		For Class 56 Rating, Add	*430.45*	
40 05 19 00-2614	EA	4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,827.49	208.49
		For Class 52 Rating, Deduct	*-166.28*	
		For Class 54 Rating, Add	*230.53*	
		For Class 55 Rating, Add	*344.67*	
		For Class 56 Rating, Add	*457.29*	
40 05 19 00-2615	EA	4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,922.52	211.50
		For Class 52 Rating, Deduct	*-176.23*	
		For Class 54 Rating, Add	*244.15*	
		For Class 55 Rating, Add	*364.95*	
		For Class 56 Rating, Add	*484.14*	
40 05 19 00-2616	EA	4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,017.55	214.52
		For Class 52 Rating, Deduct	*-186.18*	
		For Class 54 Rating, Add	*257.78*	
		For Class 55 Rating, Add	*385.23*	
		For Class 56 Rating, Add	*510.99*	
40 05 19 00-2617	EA	4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,112.57	217.53
		For Class 52 Rating, Deduct	*-196.13*	
		For Class 54 Rating, Add	*271.40*	
		For Class 55 Rating, Add	*405.51*	
		For Class 56 Rating, Add	*537.84*	
40 05 19 00-2618	EA	4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,207.60	220.54
		For Class 52 Rating, Deduct	*-206.08*	
		For Class 54 Rating, Add	*285.03*	
		For Class 55 Rating, Add	*425.80*	
		For Class 56 Rating, Add	*564.69*	
40 05 19 00-2619	EA	4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,302.62	223.56
		For Class 52 Rating, Deduct	*-216.03*	
		For Class 54 Rating, Add	*298.65*	
		For Class 55 Rating, Add	*446.08*	
		For Class 56 Rating, Add	*591.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2620	EA	4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,397.63	226.57
		For Class 52 Rating, Deduct	*-225.98*	
		For Class 54 Rating, Add	*312.27*	
		For Class 55 Rating, Add	*466.36*	
		For Class 56 Rating, Add	*618.39*	
40 05 19 00-2621	EA	4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,492.66	229.59
		For Class 52 Rating, Deduct	*-235.93*	
		For Class 54 Rating, Add	*325.90*	
		For Class 55 Rating, Add	*486.64*	
		For Class 56 Rating, Add	*645.24*	
40 05 19 00-2622	EA	4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,587.68	232.60
		For Class 52 Rating, Deduct	*-245.88*	
		For Class 54 Rating, Add	*339.52*	
		For Class 55 Rating, Add	*506.92*	
		For Class 56 Rating, Add	*672.09*	
40 05 19 00-2623	EA	4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,682.71	235.61
		For Class 52 Rating, Deduct	*-255.83*	
		For Class 54 Rating, Add	*353.14*	
		For Class 55 Rating, Add	*527.21*	
		For Class 56 Rating, Add	*698.94*	
40 05 19 00-2624	EA	4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,777.74	238.62
		For Class 52 Rating, Deduct	*-265.78*	
		For Class 54 Rating, Add	*366.77*	
		For Class 55 Rating, Add	*547.49*	
		For Class 56 Rating, Add	*725.79*	
40 05 19 00-2625	EA	4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,872.76	241.63
		For Class 52 Rating, Deduct	*-275.73*	
		For Class 54 Rating, Add	*380.39*	
		For Class 55 Rating, Add	*567.77*	
		For Class 56 Rating, Add	*752.64*	
40 05 19 00-2626	EA	4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,967.78	244.65
		For Class 52 Rating, Deduct	*-285.68*	
		For Class 54 Rating, Add	*394.01*	
		For Class 55 Rating, Add	*588.05*	
		For Class 56 Rating, Add	*779.49*	
40 05 19 00-2627	EA	4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,062.80	247.66
		For Class 52 Rating, Deduct	*-295.63*	
		For Class 54 Rating, Add	*407.64*	
		For Class 55 Rating, Add	*608.33*	
		For Class 56 Rating, Add	*806.34*	
40 05 19 00-2628	EA	4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,157.82	250.67
		For Class 52 Rating, Deduct	*-305.58*	
		For Class 54 Rating, Add	*421.26*	
		For Class 55 Rating, Add	*628.61*	
		For Class 56 Rating, Add	*833.19*	
40 05 19 00-2629	EA	4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,252.85	253.68
		For Class 52 Rating, Deduct	*-315.53*	
		For Class 54 Rating, Add	*434.88*	
		For Class 55 Rating, Add	*648.90*	
		For Class 56 Rating, Add	*860.04*	
40 05 19 00-2630	EA	4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,347.87	256.69
		For Class 52 Rating, Deduct	*-325.48*	
		For Class 54 Rating, Add	*448.51*	
		For Class 55 Rating, Add	*669.18*	
		For Class 56 Rating, Add	*886.89*	
40 05 19 00-2631	EA	4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,442.89	259.71
		For Class 52 Rating, Deduct	*-335.43*	
		For Class 54 Rating, Add	*462.13*	
		For Class 55 Rating, Add	*689.46*	
		For Class 56 Rating, Add	*913.74*	
40 05 19 00-2632	EA	4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,537.92	262.73
		For Class 52 Rating, Deduct	*-345.38*	
		For Class 54 Rating, Add	*475.75*	
		For Class 55 Rating, Add	*709.74*	
		For Class 56 Rating, Add	*940.59*	
40 05 19 00-2633	EA	4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,632.94	265.74
		For Class 52 Rating, Deduct	*-355.33*	
		For Class 54 Rating, Add	*489.38*	
		For Class 55 Rating, Add	*730.02*	
		For Class 56 Rating, Add	*967.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2634	EA	4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,727.97	268.75
		For Class 52 Rating, Deduct	*-365.28*	
		For Class 54 Rating, Add	*503.00*	
		For Class 55 Rating, Add	*750.30*	
		For Class 56 Rating, Add	*994.29*	
40 05 19 00-2635	EA	4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,822.99	271.77
		For Class 52 Rating, Deduct	*-375.24*	
		For Class 54 Rating, Add	*516.63*	
		For Class 55 Rating, Add	*770.59*	
		For Class 56 Rating, Add	*1,021.14*	
40 05 19 00-2636	EA	4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,918.01	274.78
		For Class 52 Rating, Deduct	*-385.19*	
		For Class 54 Rating, Add	*530.25*	
		For Class 55 Rating, Add	*790.87*	
		For Class 56 Rating, Add	*1,047.99*	
40 05 19 00-2637	EA	4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,013.03	277.79
		For Class 52 Rating, Deduct	*-395.14*	
		For Class 54 Rating, Add	*543.87*	
		For Class 55 Rating, Add	*811.15*	
		For Class 56 Rating, Add	*1,074.83*	
40 05 19 00-2638	EA	4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,108.05	280.80
		For Class 52 Rating, Deduct	*-405.09*	
		For Class 54 Rating, Add	*557.50*	
		For Class 55 Rating, Add	*831.43*	
		For Class 56 Rating, Add	*1,101.68*	
40 05 19 00-2639	EA	4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,179.28	283.81
		For Class 52 Rating, Deduct	*-412.42*	
		For Class 54 Rating, Add	*567.55*	
		For Class 55 Rating, Add	*846.41*	
		For Class 56 Rating, Add	*1,121.51*	
40 05 19 00-2640	EA	4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,298.10	286.83
		For Class 52 Rating, Deduct	*-424.99*	
		For Class 54 Rating, Add	*584.74*	
		For Class 55 Rating, Add	*871.99*	
		For Class 56 Rating, Add	*1,155.38*	
40 05 19 00-2641		6" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*		
40 05 19 00-2642	EA	6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	888.09	216.93
		For Class 52 Rating, Deduct	*-61.54*	
		For Class 54 Rating, Add	*87.86*	
		For Class 55 Rating, Add	*132.64*	
		For Class 56 Rating, Add	*176.86*	
40 05 19 00-2643	EA	6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	997.39	219.94
		For Class 52 Rating, Deduct	*-73.06*	
		For Class 54 Rating, Add	*103.62*	
		For Class 55 Rating, Add	*156.10*	
		For Class 56 Rating, Add	*207.92*	
40 05 19 00-2644	EA	6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,106.71	222.95
		For Class 52 Rating, Deduct	*-84.58*	
		For Class 54 Rating, Add	*119.39*	
		For Class 55 Rating, Add	*179.57*	
		For Class 56 Rating, Add	*238.99*	
40 05 19 00-2645	EA	6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,216.01	225.97
		For Class 52 Rating, Deduct	*-96.10*	
		For Class 54 Rating, Add	*135.15*	
		For Class 55 Rating, Add	*203.04*	
		For Class 56 Rating, Add	*270.05*	
40 05 19 00-2646	EA	6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,325.31	228.98
		For Class 52 Rating, Deduct	*-107.62*	
		For Class 54 Rating, Add	*150.92*	
		For Class 55 Rating, Add	*226.51*	
		For Class 56 Rating, Add	*301.11*	
40 05 19 00-2647	EA	6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,434.62	231.99
		For Class 52 Rating, Deduct	*-119.14*	
		For Class 54 Rating, Add	*166.69*	
		For Class 55 Rating, Add	*249.97*	
		For Class 56 Rating, Add	*332.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2648	EA	6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,543.92	235.00
		For Class 52 Rating, Deduct	*-130.66*	
		For Class 54 Rating, Add	*182.45*	
		For Class 55 Rating, Add	*273.44*	
		For Class 56 Rating, Add	*363.24*	
40 05 19 00-2649	EA	6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,653.24	238.01
		For Class 52 Rating, Deduct	*-142.19*	
		For Class 54 Rating, Add	*198.22*	
		For Class 55 Rating, Add	*296.91*	
		For Class 56 Rating, Add	*394.30*	
40 05 19 00-2650	EA	6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,762.54	241.03
		For Class 52 Rating, Deduct	*-153.71*	
		For Class 54 Rating, Add	*213.98*	
		For Class 55 Rating, Add	*320.37*	
		For Class 56 Rating, Add	*425.36*	
40 05 19 00-2651	EA	6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,871.84	244.04
		For Class 52 Rating, Deduct	*-165.23*	
		For Class 54 Rating, Add	*229.75*	
		For Class 55 Rating, Add	*343.84*	
		For Class 56 Rating, Add	*456.42*	
40 05 19 00-2652	EA	6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,981.15	247.06
		For Class 52 Rating, Deduct	*-176.75*	
		For Class 54 Rating, Add	*245.51*	
		For Class 55 Rating, Add	*367.30*	
		For Class 56 Rating, Add	*487.49*	
40 05 19 00-2653	EA	6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,090.46	250.07
		For Class 52 Rating, Deduct	*-188.27*	
		For Class 54 Rating, Add	*261.28*	
		For Class 55 Rating, Add	*390.77*	
		For Class 56 Rating, Add	*518.55*	
40 05 19 00-2654	EA	6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,199.76	253.08
		For Class 52 Rating, Deduct	*-199.79*	
		For Class 54 Rating, Add	*277.05*	
		For Class 55 Rating, Add	*414.24*	
		For Class 56 Rating, Add	*549.62*	
40 05 19 00-2655	EA	6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,309.07	256.10
		For Class 52 Rating, Deduct	*-211.32*	
		For Class 54 Rating, Add	*292.81*	
		For Class 55 Rating, Add	*437.71*	
		For Class 56 Rating, Add	*580.68*	
40 05 19 00-2656	EA	6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,418.37	259.11
		For Class 52 Rating, Deduct	*-222.84*	
		For Class 54 Rating, Add	*308.58*	
		For Class 55 Rating, Add	*461.17*	
		For Class 56 Rating, Add	*611.74*	
40 05 19 00-2657	EA	6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,527.68	262.12
		For Class 52 Rating, Deduct	*-234.36*	
		For Class 54 Rating, Add	*324.35*	
		For Class 55 Rating, Add	*484.64*	
		For Class 56 Rating, Add	*642.80*	
40 05 19 00-2658	EA	6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,636.99	265.13
		For Class 52 Rating, Deduct	*-245.88*	
		For Class 54 Rating, Add	*340.11*	
		For Class 55 Rating, Add	*508.11*	
		For Class 56 Rating, Add	*673.87*	
40 05 19 00-2659	EA	6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,746.29	268.14
		For Class 52 Rating, Deduct	*-257.40*	
		For Class 54 Rating, Add	*355.88*	
		For Class 55 Rating, Add	*531.57*	
		For Class 56 Rating, Add	*704.93*	
40 05 19 00-2660	EA	6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,855.60	271.16
		For Class 52 Rating, Deduct	*-268.92*	
		For Class 54 Rating, Add	*371.64*	
		For Class 55 Rating, Add	*555.04*	
		For Class 56 Rating, Add	*735.99*	
40 05 19 00-2661	EA	6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,964.90	274.17
		For Class 52 Rating, Deduct	*-280.44*	
		For Class 54 Rating, Add	*387.41*	
		For Class 55 Rating, Add	*578.51*	
		For Class 56 Rating, Add	*767.05*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2662	EA	6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,074.21	277.18
		For Class 52 Rating, Deduct	*-291.97*	
		For Class 54 Rating, Add	*403.18*	
		For Class 55 Rating, Add	*601.97*	
		For Class 56 Rating, Add	*798.12*	
40 05 19 00-2663	EA	6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,183.52	280.19
		For Class 52 Rating, Deduct	*-303.49*	
		For Class 54 Rating, Add	*418.94*	
		For Class 55 Rating, Add	*625.44*	
		For Class 56 Rating, Add	*829.18*	
40 05 19 00-2664	EA	6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,292.82	283.21
		For Class 52 Rating, Deduct	*-315.01*	
		For Class 54 Rating, Add	*434.71*	
		For Class 55 Rating, Add	*648.91*	
		For Class 56 Rating, Add	*860.25*	
40 05 19 00-2665	EA	6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,402.13	286.23
		For Class 52 Rating, Deduct	*-326.53*	
		For Class 54 Rating, Add	*450.47*	
		For Class 55 Rating, Add	*672.37*	
		For Class 56 Rating, Add	*891.31*	
40 05 19 00-2666	EA	6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,511.44	289.24
		For Class 52 Rating, Deduct	*-338.05*	
		For Class 54 Rating, Add	*466.24*	
		For Class 55 Rating, Add	*695.84*	
		For Class 56 Rating, Add	*922.37*	
40 05 19 00-2667	EA	6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,620.74	292.25
		For Class 52 Rating, Deduct	*-349.57*	
		For Class 54 Rating, Add	*482.00*	
		For Class 55 Rating, Add	*719.31*	
		For Class 56 Rating, Add	*953.43*	
40 05 19 00-2668	EA	6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,730.05	295.26
		For Class 52 Rating, Deduct	*-361.09*	
		For Class 54 Rating, Add	*497.77*	
		For Class 55 Rating, Add	*742.77*	
		For Class 56 Rating, Add	*984.50*	
40 05 19 00-2669	EA	6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,839.35	298.28
		For Class 52 Rating, Deduct	*-372.62*	
		For Class 54 Rating, Add	*513.54*	
		For Class 55 Rating, Add	*766.24*	
		For Class 56 Rating, Add	*1,015.56*	
40 05 19 00-2670	EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,948.65	301.29
		For Class 52 Rating, Deduct	*-384.14*	
		For Class 54 Rating, Add	*529.30*	
		For Class 55 Rating, Add	*789.71*	
		For Class 56 Rating, Add	*1,046.62*	
40 05 19 00-2671	EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,057.97	304.30
		For Class 52 Rating, Deduct	*-395.66*	
		For Class 54 Rating, Add	*545.07*	
		For Class 55 Rating, Add	*813.18*	
		For Class 56 Rating, Add	*1,077.69*	
40 05 19 00-2672	EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,167.27	307.31
		For Class 52 Rating, Deduct	*-407.18*	
		For Class 54 Rating, Add	*560.83*	
		For Class 55 Rating, Add	*836.64*	
		For Class 56 Rating, Add	*1,108.75*	
40 05 19 00-2673	EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,276.58	310.32
		For Class 52 Rating, Deduct	*-418.70*	
		For Class 54 Rating, Add	*576.60*	
		For Class 55 Rating, Add	*860.11*	
		For Class 56 Rating, Add	*1,139.81*	
40 05 19 00-2674	EA	6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,385.89	313.34
		For Class 52 Rating, Deduct	*-430.22*	
		For Class 54 Rating, Add	*592.37*	
		For Class 55 Rating, Add	*883.58*	
		For Class 56 Rating, Add	*1,170.87*	
40 05 19 00-2675	EA	6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,495.19	316.35
		For Class 52 Rating, Deduct	*-441.75*	
		For Class 54 Rating, Add	*608.13*	
		For Class 55 Rating, Add	*907.04*	
		For Class 56 Rating, Add	*1,201.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2676	EA	6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,604.50	319.36
		For Class 52 Rating, Deduct	*-453.27*	
		For Class 54 Rating, Add	*623.90*	
		For Class 55 Rating, Add	*930.51*	
		For Class 56 Rating, Add	*1,233.00*	
40 05 19 00-2677	EA	6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,713.80	322.38
		For Class 52 Rating, Deduct	*-464.79*	
		For Class 54 Rating, Add	*639.66*	
		For Class 55 Rating, Add	*953.98*	
		For Class 56 Rating, Add	*1,264.06*	
40 05 19 00-2678	EA	6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,823.10	325.39
		For Class 52 Rating, Deduct	*-476.31*	
		For Class 54 Rating, Add	*655.43*	
		For Class 55 Rating, Add	*977.44*	
		For Class 56 Rating, Add	*1,295.12*	
40 05 19 00-2679	EA	6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,932.41	328.41
		For Class 52 Rating, Deduct	*-487.83*	
		For Class 54 Rating, Add	*671.20*	
		For Class 55 Rating, Add	*1,000.91*	
		For Class 56 Rating, Add	*1,326.19*	
40 05 19 00-2680	EA	6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,041.72	331.42
		For Class 52 Rating, Deduct	*-499.35*	
		For Class 54 Rating, Add	*686.96*	
		For Class 55 Rating, Add	*1,024.38*	
		For Class 56 Rating, Add	*1,357.25*	

40 05 19 00-2681 8" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-2682	EA	8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,215.05	277.18
		For Class 52 Rating, Deduct	*-87.46*	
		For Class 54 Rating, Add	*124.30*	
		For Class 55 Rating, Add	*187.38*	
		For Class 56 Rating, Add	*249.67*	
40 05 19 00-2683	EA	8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,355.31	280.19
		For Class 52 Rating, Deduct	*-102.38*	
		For Class 54 Rating, Add	*144.71*	
		For Class 55 Rating, Add	*217.75*	
		For Class 56 Rating, Add	*289.86*	
40 05 19 00-2684	EA	8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,495.56	283.21
		For Class 52 Rating, Deduct	*-117.31*	
		For Class 54 Rating, Add	*165.12*	
		For Class 55 Rating, Add	*248.12*	
		For Class 56 Rating, Add	*330.05*	
40 05 19 00-2685	EA	8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,635.81	286.23
		For Class 52 Rating, Deduct	*-132.24*	
		For Class 54 Rating, Add	*185.53*	
		For Class 55 Rating, Add	*278.49*	
		For Class 56 Rating, Add	*370.24*	
40 05 19 00-2686	EA	8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,776.07	289.24
		For Class 52 Rating, Deduct	*-147.16*	
		For Class 54 Rating, Add	*205.93*	
		For Class 55 Rating, Add	*308.85*	
		For Class 56 Rating, Add	*410.44*	
40 05 19 00-2687	EA	8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,916.32	292.25
		For Class 52 Rating, Deduct	*-162.09*	
		For Class 54 Rating, Add	*226.34*	
		For Class 55 Rating, Add	*339.22*	
		For Class 56 Rating, Add	*450.63*	
40 05 19 00-2688	EA	8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,056.57	295.26
		For Class 52 Rating, Deduct	*-177.01*	
		For Class 54 Rating, Add	*246.75*	
		For Class 55 Rating, Add	*369.59*	
		For Class 56 Rating, Add	*490.82*	
40 05 19 00-2689	EA	8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,196.82	298.28
		For Class 52 Rating, Deduct	*-191.94*	
		For Class 54 Rating, Add	*267.16*	
		For Class 55 Rating, Add	*399.96*	
		For Class 56 Rating, Add	*531.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2690	EA	8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,337.07	301.29
		For Class 52 Rating, Deduct	*-206.86*	
		For Class 54 Rating, Add	*287.56*	
		For Class 55 Rating, Add	*430.33*	
		For Class 56 Rating, Add	*571.20*	
40 05 19 00-2691	EA	8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,477.33	304.30
		For Class 52 Rating, Deduct	*-221.79*	
		For Class 54 Rating, Add	*307.97*	
		For Class 55 Rating, Add	*460.69*	
		For Class 56 Rating, Add	*611.40*	
40 05 19 00-2692	EA	8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,617.57	307.31
		For Class 52 Rating, Deduct	*-236.71*	
		For Class 54 Rating, Add	*328.38*	
		For Class 55 Rating, Add	*491.06*	
		For Class 56 Rating, Add	*651.59*	
40 05 19 00-2693	EA	8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,757.83	310.32
		For Class 52 Rating, Deduct	*-251.64*	
		For Class 54 Rating, Add	*348.79*	
		For Class 55 Rating, Add	*521.43*	
		For Class 56 Rating, Add	*691.78*	
40 05 19 00-2694	EA	8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,898.09	313.34
		For Class 52 Rating, Deduct	*-266.57*	
		For Class 54 Rating, Add	*369.20*	
		For Class 55 Rating, Add	*551.80*	
		For Class 56 Rating, Add	*731.97*	
40 05 19 00-2695	EA	8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,038.34	316.35
		For Class 52 Rating, Deduct	*-281.49*	
		For Class 54 Rating, Add	*389.60*	
		For Class 55 Rating, Add	*582.17*	
		For Class 56 Rating, Add	*772.17*	
40 05 19 00-2696	EA	8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,178.59	319.36
		For Class 52 Rating, Deduct	*-296.42*	
		For Class 54 Rating, Add	*410.01*	
		For Class 55 Rating, Add	*612.53*	
		For Class 56 Rating, Add	*812.36*	
40 05 19 00-2697	EA	8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,318.84	322.38
		For Class 52 Rating, Deduct	*-311.34*	
		For Class 54 Rating, Add	*430.42*	
		For Class 55 Rating, Add	*642.90*	
		For Class 56 Rating, Add	*852.55*	
40 05 19 00-2698	EA	8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,459.09	325.39
		For Class 52 Rating, Deduct	*-326.27*	
		For Class 54 Rating, Add	*450.83*	
		For Class 55 Rating, Add	*673.27*	
		For Class 56 Rating, Add	*892.74*	
40 05 19 00-2699	EA	8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,599.35	328.41
		For Class 52 Rating, Deduct	*-341.19*	
		For Class 54 Rating, Add	*471.24*	
		For Class 55 Rating, Add	*703.64*	
		For Class 56 Rating, Add	*932.94*	
40 05 19 00-2700	EA	8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,739.59	331.42
		For Class 52 Rating, Deduct	*-356.12*	
		For Class 54 Rating, Add	*491.64*	
		For Class 55 Rating, Add	*734.00*	
		For Class 56 Rating, Add	*973.12*	
40 05 19 00-2701	EA	8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,879.85	334.43
		For Class 52 Rating, Deduct	*-371.05*	
		For Class 54 Rating, Add	*512.05*	
		For Class 55 Rating, Add	*764.37*	
		For Class 56 Rating, Add	*1,013.32*	
40 05 19 00-2702	EA	8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,020.11	337.44
		For Class 52 Rating, Deduct	*-385.97*	
		For Class 54 Rating, Add	*532.46*	
		For Class 55 Rating, Add	*794.74*	
		For Class 56 Rating, Add	*1,053.51*	
40 05 19 00-2703	EA	8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,160.35	340.45
		For Class 52 Rating, Deduct	*-400.90*	
		For Class 54 Rating, Add	*552.87*	
		For Class 55 Rating, Add	*825.11*	
		For Class 56 Rating, Add	*1,093.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2704	EA	8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,300.61	343.47
		For Class 52 Rating, Deduct	*-415.82*	
		For Class 54 Rating, Add	*573.27*	
		For Class 55 Rating, Add	*855.47*	
		For Class 56 Rating, Add	*1,133.89*	
40 05 19 00-2705	EA	8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,440.86	346.48
		For Class 52 Rating, Deduct	*-430.75*	
		For Class 54 Rating, Add	*593.68*	
		For Class 55 Rating, Add	*885.84*	
		For Class 56 Rating, Add	*1,174.09*	
40 05 19 00-2706	EA	8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,581.11	349.49
		For Class 52 Rating, Deduct	*-445.67*	
		For Class 54 Rating, Add	*614.09*	
		For Class 55 Rating, Add	*916.21*	
		For Class 56 Rating, Add	*1,214.28*	
40 05 19 00-2707	EA	8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,721.36	352.50
		For Class 52 Rating, Deduct	*-460.60*	
		For Class 54 Rating, Add	*634.50*	
		For Class 55 Rating, Add	*946.58*	
		For Class 56 Rating, Add	*1,254.47*	
40 05 19 00-2708	EA	8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,861.61	355.51
		For Class 52 Rating, Deduct	*-475.52*	
		For Class 54 Rating, Add	*654.91*	
		For Class 55 Rating, Add	*976.95*	
		For Class 56 Rating, Add	*1,294.66*	
40 05 19 00-2709	EA	8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,001.87	358.53
		For Class 52 Rating, Deduct	*-490.45*	
		For Class 54 Rating, Add	*675.31*	
		For Class 55 Rating, Add	*1,007.31*	
		For Class 56 Rating, Add	*1,334.86*	
40 05 19 00-2710	EA	8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,142.12	361.55
		For Class 52 Rating, Deduct	*-505.38*	
		For Class 54 Rating, Add	*695.72*	
		For Class 55 Rating, Add	*1,037.68*	
		For Class 56 Rating, Add	*1,375.05*	
40 05 19 00-2711	EA	8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,282.37	364.56
		For Class 52 Rating, Deduct	*-520.30*	
		For Class 54 Rating, Add	*716.13*	
		For Class 55 Rating, Add	*1,068.05*	
		For Class 56 Rating, Add	*1,415.24*	
40 05 19 00-2712	EA	8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,422.63	367.57
		For Class 52 Rating, Deduct	*-535.23*	
		For Class 54 Rating, Add	*736.54*	
		For Class 55 Rating, Add	*1,098.42*	
		For Class 56 Rating, Add	*1,455.43*	
40 05 19 00-2713	EA	8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,562.88	370.59
		For Class 52 Rating, Deduct	*-550.15*	
		For Class 54 Rating, Add	*756.95*	
		For Class 55 Rating, Add	*1,128.79*	
		For Class 56 Rating, Add	*1,495.62*	
40 05 19 00-2714	EA	8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,703.13	373.60
		For Class 52 Rating, Deduct	*-565.08*	
		For Class 54 Rating, Add	*777.35*	
		For Class 55 Rating, Add	*1,159.15*	
		For Class 56 Rating, Add	*1,535.82*	
40 05 19 00-2715	EA	8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,843.38	376.61
		For Class 52 Rating, Deduct	*-580.00*	
		For Class 54 Rating, Add	*797.76*	
		For Class 55 Rating, Add	*1,189.52*	
		For Class 56 Rating, Add	*1,576.01*	
40 05 19 00-2716	EA	8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,983.63	379.62
		For Class 52 Rating, Deduct	*-594.93*	
		For Class 54 Rating, Add	*818.17*	
		For Class 55 Rating, Add	*1,219.89*	
		For Class 56 Rating, Add	*1,616.20*	
40 05 19 00-2717	EA	8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,123.89	382.63
		For Class 52 Rating, Deduct	*-609.86*	
		For Class 54 Rating, Add	*838.58*	
		For Class 55 Rating, Add	*1,250.26*	
		For Class 56 Rating, Add	*1,656.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2718	EA	8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,264.14	385.65
		For Class 52 Rating, Deduct	*-624.78*	
		For Class 54 Rating, Add	*858.99*	
		For Class 55 Rating, Add	*1,280.63*	
		For Class 56 Rating, Add	*1,696.59*	
40 05 19 00-2719	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,404.39	388.66
		For Class 52 Rating, Deduct	*-639.71*	
		For Class 54 Rating, Add	*879.39*	
		For Class 55 Rating, Add	*1,310.99*	
		For Class 56 Rating, Add	*1,736.78*	
40 05 19 00-2720	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,544.65	391.67
		For Class 52 Rating, Deduct	*-654.63*	
		For Class 54 Rating, Add	*899.80*	
		For Class 55 Rating, Add	*1,341.36*	
		For Class 56 Rating, Add	*1,776.97*	
40 05 19 00-2721		10" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*		
40 05 19 00-2722	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,525.36	337.44
		For Class 52 Rating, Deduct	*-111.55*	
		For Class 54 Rating, Add	*158.25*	
		For Class 55 Rating, Add	*238.41*	
		For Class 56 Rating, Add	*317.56*	
40 05 19 00-2723	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,706.08	340.45
		For Class 52 Rating, Deduct	*-130.93*	
		For Class 54 Rating, Add	*184.73*	
		For Class 55 Rating, Add	*277.80*	
		For Class 56 Rating, Add	*369.69*	
40 05 19 00-2724	EA	10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,886.81	343.47
		For Class 52 Rating, Deduct	*-150.30*	
		For Class 54 Rating, Add	*211.20*	
		For Class 55 Rating, Add	*317.20*	
		For Class 56 Rating, Add	*421.82*	
40 05 19 00-2725	EA	10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,067.52	346.48
		For Class 52 Rating, Deduct	*-169.68*	
		For Class 54 Rating, Add	*237.68*	
		For Class 55 Rating, Add	*356.59*	
		For Class 56 Rating, Add	*473.95*	
40 05 19 00-2726	EA	10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,248.24	349.49
		For Class 52 Rating, Deduct	*-189.06*	
		For Class 54 Rating, Add	*264.16*	
		For Class 55 Rating, Add	*395.98*	
		For Class 56 Rating, Add	*526.08*	
40 05 19 00-2727	EA	10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,428.96	352.50
		For Class 52 Rating, Deduct	*-208.43*	
		For Class 54 Rating, Add	*290.64*	
		For Class 55 Rating, Add	*435.37*	
		For Class 56 Rating, Add	*578.21*	
40 05 19 00-2728	EA	10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,609.68	355.51
		For Class 52 Rating, Deduct	*-227.81*	
		For Class 54 Rating, Add	*317.12*	
		For Class 55 Rating, Add	*474.77*	
		For Class 56 Rating, Add	*630.34*	
40 05 19 00-2729	EA	10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,790.40	358.53
		For Class 52 Rating, Deduct	*-247.19*	
		For Class 54 Rating, Add	*343.59*	
		For Class 55 Rating, Add	*514.16*	
		For Class 56 Rating, Add	*682.47*	
40 05 19 00-2730	EA	10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,971.12	361.55
		For Class 52 Rating, Deduct	*-266.57*	
		For Class 54 Rating, Add	*370.07*	
		For Class 55 Rating, Add	*553.55*	
		For Class 56 Rating, Add	*734.60*	
40 05 19 00-2731	EA	10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,151.84	364.56
		For Class 52 Rating, Deduct	*-285.94*	
		For Class 54 Rating, Add	*396.55*	
		For Class 55 Rating, Add	*592.94*	
		For Class 56 Rating, Add	*786.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2732	EA	10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,332.57	367.57
		For Class 52 Rating, Deduct	*-305.32*	
		For Class 54 Rating, Add	*423.03*	
		For Class 55 Rating, Add	*632.33*	
		For Class 56 Rating, Add	*838.86*	
40 05 19 00-2733	EA	10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,513.29	370.59
		For Class 52 Rating, Deduct	*-324.70*	
		For Class 54 Rating, Add	*449.51*	
		For Class 55 Rating, Add	*671.73*	
		For Class 56 Rating, Add	*890.99*	
40 05 19 00-2734	EA	10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,694.00	373.60
		For Class 52 Rating, Deduct	*-344.07*	
		For Class 54 Rating, Add	*475.99*	
		For Class 55 Rating, Add	*711.12*	
		For Class 56 Rating, Add	*943.12*	
40 05 19 00-2735	EA	10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,874.73	376.61
		For Class 52 Rating, Deduct	*-363.45*	
		For Class 54 Rating, Add	*502.46*	
		For Class 55 Rating, Add	*750.51*	
		For Class 56 Rating, Add	*995.25*	
40 05 19 00-2736	EA	10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,055.44	379.62
		For Class 52 Rating, Deduct	*-382.83*	
		For Class 54 Rating, Add	*528.94*	
		For Class 55 Rating, Add	*789.90*	
		For Class 56 Rating, Add	*1,047.38*	
40 05 19 00-2737	EA	10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,236.17	382.63
		For Class 52 Rating, Deduct	*-402.21*	
		For Class 54 Rating, Add	*555.42*	
		For Class 55 Rating, Add	*829.30*	
		For Class 56 Rating, Add	*1,099.51*	
40 05 19 00-2738	EA	10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,416.88	385.65
		For Class 52 Rating, Deduct	*-421.58*	
		For Class 54 Rating, Add	*581.90*	
		For Class 55 Rating, Add	*868.69*	
		For Class 56 Rating, Add	*1,151.64*	
40 05 19 00-2739	EA	10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,597.61	388.66
		For Class 52 Rating, Deduct	*-440.96*	
		For Class 54 Rating, Add	*608.38*	
		For Class 55 Rating, Add	*908.08*	
		For Class 56 Rating, Add	*1,203.78*	
40 05 19 00-2740	EA	10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,778.33	391.67
		For Class 52 Rating, Deduct	*-460.34*	
		For Class 54 Rating, Add	*634.85*	
		For Class 55 Rating, Add	*947.47*	
		For Class 56 Rating, Add	*1,255.90*	
40 05 19 00-2741	EA	10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,959.05	394.68
		For Class 52 Rating, Deduct	*-479.71*	
		For Class 54 Rating, Add	*661.33*	
		For Class 55 Rating, Add	*986.86*	
		For Class 56 Rating, Add	*1,308.04*	
40 05 19 00-2742	EA	10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,139.76	397.70
		For Class 52 Rating, Deduct	*-499.09*	
		For Class 54 Rating, Add	*687.81*	
		For Class 55 Rating, Add	*1,026.26*	
		For Class 56 Rating, Add	*1,360.16*	
40 05 19 00-2743	EA	10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,320.49	400.72
		For Class 52 Rating, Deduct	*-518.47*	
		For Class 54 Rating, Add	*714.29*	
		For Class 55 Rating, Add	*1,065.65*	
		For Class 56 Rating, Add	*1,412.30*	
40 05 19 00-2744	EA	10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,501.21	403.73
		For Class 52 Rating, Deduct	*-537.85*	
		For Class 54 Rating, Add	*740.77*	
		For Class 55 Rating, Add	*1,105.04*	
		For Class 56 Rating, Add	*1,464.43*	
40 05 19 00-2745	EA	10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,681.93	406.74
		For Class 52 Rating, Deduct	*-557.22*	
		For Class 54 Rating, Add	*767.24*	
		For Class 55 Rating, Add	*1,144.43*	
		For Class 56 Rating, Add	*1,516.56*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2746	EA	10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,862.65	409.75
		For Class 52 Rating, Deduct	*-576.60*	
		For Class 54 Rating, Add	*793.72*	
		For Class 55 Rating, Add	*1,183.83*	
		For Class 56 Rating, Add	*1,568.69*	
40 05 19 00-2747	EA	10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,043.37	412.76
		For Class 52 Rating, Deduct	*-595.98*	
		For Class 54 Rating, Add	*820.20*	
		For Class 55 Rating, Add	*1,223.22*	
		For Class 56 Rating, Add	*1,620.82*	
40 05 19 00-2748	EA	10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,224.10	415.78
		For Class 52 Rating, Deduct	*-615.35*	
		For Class 54 Rating, Add	*846.68*	
		For Class 55 Rating, Add	*1,262.61*	
		For Class 56 Rating, Add	*1,672.95*	
40 05 19 00-2749	EA	10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,404.81	418.79
		For Class 52 Rating, Deduct	*-634.73*	
		For Class 54 Rating, Add	*873.16*	
		For Class 55 Rating, Add	*1,302.00*	
		For Class 56 Rating, Add	*1,725.08*	
40 05 19 00-2750	EA	10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,585.53	421.80
		For Class 52 Rating, Deduct	*-654.11*	
		For Class 54 Rating, Add	*899.64*	
		For Class 55 Rating, Add	*1,341.39*	
		For Class 56 Rating, Add	*1,777.21*	
40 05 19 00-2751	EA	10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,766.25	424.81
		For Class 52 Rating, Deduct	*-673.48*	
		For Class 54 Rating, Add	*926.11*	
		For Class 55 Rating, Add	*1,380.79*	
		For Class 56 Rating, Add	*1,829.34*	
40 05 19 00-2752	EA	10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,946.97	427.82
		For Class 52 Rating, Deduct	*-692.86*	
		For Class 54 Rating, Add	*952.59*	
		For Class 55 Rating, Add	*1,420.18*	
		For Class 56 Rating, Add	*1,881.47*	
40 05 19 00-2753	EA	10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,127.70	430.84
		For Class 52 Rating, Deduct	*-712.24*	
		For Class 54 Rating, Add	*979.07*	
		For Class 55 Rating, Add	*1,459.57*	
		For Class 56 Rating, Add	*1,933.60*	
40 05 19 00-2754	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,308.41	433.85
		For Class 52 Rating, Deduct	*-731.62*	
		For Class 54 Rating, Add	*1,005.55*	
		For Class 55 Rating, Add	*1,498.96*	
		For Class 56 Rating, Add	*1,985.73*	
40 05 19 00-2755	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,489.13	436.87
		For Class 52 Rating, Deduct	*-750.99*	
		For Class 54 Rating, Add	*1,032.03*	
		For Class 55 Rating, Add	*1,538.36*	
		For Class 56 Rating, Add	*2,037.86*	
40 05 19 00-2756	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,669.86	439.88
		For Class 52 Rating, Deduct	*-770.37*	
		For Class 54 Rating, Add	*1,058.50*	
		For Class 55 Rating, Add	*1,577.75*	
		For Class 56 Rating, Add	*2,089.99*	
40 05 19 00-2757	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,850.58	442.89
		For Class 52 Rating, Deduct	*-789.75*	
		For Class 54 Rating, Add	*1,084.98*	
		For Class 55 Rating, Add	*1,617.14*	
		For Class 56 Rating, Add	*2,142.12*	
40 05 19 00-2758	EA	10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,031.29	445.91
		For Class 52 Rating, Deduct	*-809.12*	
		For Class 54 Rating, Add	*1,111.46*	
		For Class 55 Rating, Add	*1,656.53*	
		For Class 56 Rating, Add	*2,194.25*	
40 05 19 00-2759	EA	10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,212.02	448.92
		For Class 52 Rating, Deduct	*-828.50*	
		For Class 54 Rating, Add	*1,137.94*	
		For Class 55 Rating, Add	*1,695.92*	
		For Class 56 Rating, Add	*2,246.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2760	EA	10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,392.73	451.93
		For Class 52 Rating, Deduct	*-847.88*	
		For Class 54 Rating, Add	*1,164.42*	
		For Class 55 Rating, Add	*1,735.32*	
		For Class 56 Rating, Add	*2,298.51*	

40 05 19 00-2761 12" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-2762	EA	12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,972.16	421.80
		For Class 52 Rating, Deduct	*-146.64*	
		For Class 54 Rating, Add	*207.63*	
		For Class 55 Rating, Add	*312.61*	
		For Class 56 Rating, Add	*416.26*	
40 05 19 00-2763	EA	12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,195.73	424.81
		For Class 52 Rating, Deduct	*-170.73*	
		For Class 54 Rating, Add	*240.53*	
		For Class 55 Rating, Add	*361.56*	
		For Class 56 Rating, Add	*481.03*	
40 05 19 00-2764	EA	12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,419.30	427.82
		For Class 52 Rating, Deduct	*-194.82*	
		For Class 54 Rating, Add	*273.44*	
		For Class 55 Rating, Add	*410.51*	
		For Class 56 Rating, Add	*545.80*	
40 05 19 00-2765	EA	12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,642.87	430.84
		For Class 52 Rating, Deduct	*-218.91*	
		For Class 54 Rating, Add	*306.35*	
		For Class 55 Rating, Add	*459.45*	
		For Class 56 Rating, Add	*610.57*	
40 05 19 00-2766	EA	12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,866.44	433.85
		For Class 52 Rating, Deduct	*-243.00*	
		For Class 54 Rating, Add	*339.25*	
		For Class 55 Rating, Add	*508.40*	
		For Class 56 Rating, Add	*675.35*	
40 05 19 00-2767	EA	12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,090.00	436.87
		For Class 52 Rating, Deduct	*-267.09*	
		For Class 54 Rating, Add	*372.16*	
		For Class 55 Rating, Add	*557.35*	
		For Class 56 Rating, Add	*740.12*	
40 05 19 00-2768	EA	12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,313.58	439.88
		For Class 52 Rating, Deduct	*-291.18*	
		For Class 54 Rating, Add	*405.06*	
		For Class 55 Rating, Add	*606.30*	
		For Class 56 Rating, Add	*804.89*	
40 05 19 00-2769	EA	12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,537.15	442.89
		For Class 52 Rating, Deduct	*-315.27*	
		For Class 54 Rating, Add	*437.97*	
		For Class 55 Rating, Add	*655.25*	
		For Class 56 Rating, Add	*869.66*	
40 05 19 00-2770	EA	12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,760.71	445.91
		For Class 52 Rating, Deduct	*-339.36*	
		For Class 54 Rating, Add	*470.87*	
		For Class 55 Rating, Add	*704.19*	
		For Class 56 Rating, Add	*934.43*	
40 05 19 00-2771	EA	12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,984.29	448.92
		For Class 52 Rating, Deduct	*-363.45*	
		For Class 54 Rating, Add	*503.78*	
		For Class 55 Rating, Add	*753.14*	
		For Class 56 Rating, Add	*999.20*	
40 05 19 00-2772	EA	12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,207.85	451.93
		For Class 52 Rating, Deduct	*-387.54*	
		For Class 54 Rating, Add	*536.68*	
		For Class 55 Rating, Add	*802.09*	
		For Class 56 Rating, Add	*1,063.97*	
40 05 19 00-2773	EA	12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,431.42	454.94
		For Class 52 Rating, Deduct	*-411.63*	
		For Class 54 Rating, Add	*569.59*	
		For Class 55 Rating, Add	*851.03*	
		For Class 56 Rating, Add	*1,128.74*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2774	EA	12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,654.99	457.96
		For Class 52 Rating, Deduct	*-435.72*	
		For Class 54 Rating, Add	*602.49*	
		For Class 55 Rating, Add	*899.98*	
		For Class 56 Rating, Add	*1,193.51*	
40 05 19 00-2775	EA	12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,878.55	460.97
		For Class 52 Rating, Deduct	*-459.81*	
		For Class 54 Rating, Add	*635.40*	
		For Class 55 Rating, Add	*948.93*	
		For Class 56 Rating, Add	*1,258.28*	
40 05 19 00-2776	EA	12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,102.14	463.98
		For Class 52 Rating, Deduct	*-483.90*	
		For Class 54 Rating, Add	*668.31*	
		For Class 55 Rating, Add	*997.88*	
		For Class 56 Rating, Add	*1,323.05*	
40 05 19 00-2777	EA	12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,325.70	466.99
		For Class 52 Rating, Deduct	*-507.99*	
		For Class 54 Rating, Add	*701.21*	
		For Class 55 Rating, Add	*1,046.82*	
		For Class 56 Rating, Add	*1,387.82*	
40 05 19 00-2778	EA	12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,549.27	470.00
		For Class 52 Rating, Deduct	*-532.09*	
		For Class 54 Rating, Add	*734.12*	
		For Class 55 Rating, Add	*1,095.77*	
		For Class 56 Rating, Add	*1,452.59*	
40 05 19 00-2779	EA	12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,772.84	473.03
		For Class 52 Rating, Deduct	*-556.18*	
		For Class 54 Rating, Add	*767.02*	
		For Class 55 Rating, Add	*1,144.72*	
		For Class 56 Rating, Add	*1,517.36*	
40 05 19 00-2780	EA	12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,996.40	476.04
		For Class 52 Rating, Deduct	*-580.27*	
		For Class 54 Rating, Add	*799.93*	
		For Class 55 Rating, Add	*1,193.67*	
		For Class 56 Rating, Add	*1,582.13*	
40 05 19 00-2781	EA	12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,219.98	479.05
		For Class 52 Rating, Deduct	*-604.36*	
		For Class 54 Rating, Add	*832.83*	
		For Class 55 Rating, Add	*1,242.62*	
		For Class 56 Rating, Add	*1,646.90*	
40 05 19 00-2782	EA	12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,443.54	482.06
		For Class 52 Rating, Deduct	*-628.45*	
		For Class 54 Rating, Add	*865.74*	
		For Class 55 Rating, Add	*1,291.56*	
		For Class 56 Rating, Add	*1,711.67*	
40 05 19 00-2783	EA	12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,667.11	485.07
		For Class 52 Rating, Deduct	*-652.54*	
		For Class 54 Rating, Add	*898.64*	
		For Class 55 Rating, Add	*1,340.51*	
		For Class 56 Rating, Add	*1,776.45*	
40 05 19 00-2784	EA	12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,890.69	488.09
		For Class 52 Rating, Deduct	*-676.63*	
		For Class 54 Rating, Add	*931.55*	
		For Class 55 Rating, Add	*1,389.46*	
		For Class 56 Rating, Add	*1,841.22*	
40 05 19 00-2785	EA	12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,114.25	491.10
		For Class 52 Rating, Deduct	*-700.72*	
		For Class 54 Rating, Add	*964.45*	
		For Class 55 Rating, Add	*1,438.40*	
		For Class 56 Rating, Add	*1,905.98*	
40 05 19 00-2786	EA	12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,337.82	494.11
		For Class 52 Rating, Deduct	*-724.81*	
		For Class 54 Rating, Add	*997.36*	
		For Class 55 Rating, Add	*1,487.35*	
		For Class 56 Rating, Add	*1,970.76*	
40 05 19 00-2787	EA	12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,561.39	497.12
		For Class 52 Rating, Deduct	*-748.90*	
		For Class 54 Rating, Add	*1,030.26*	
		For Class 55 Rating, Add	*1,536.30*	
		For Class 56 Rating, Add	*2,035.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2788	EA	12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,784.96	500.13
		For Class 52 Rating, Deduct	*-772.99*	
		For Class 54 Rating, Add	*1,063.17*	
		For Class 55 Rating, Add	*1,585.25*	
		For Class 56 Rating, Add	*2,100.30*	
40 05 19 00-2789	EA	12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,008.53	503.15
		For Class 52 Rating, Deduct	*-797.08*	
		For Class 54 Rating, Add	*1,096.08*	
		For Class 55 Rating, Add	*1,634.19*	
		For Class 56 Rating, Add	*2,165.07*	
40 05 19 00-2790	EA	12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,232.10	506.16
		For Class 52 Rating, Deduct	*-821.17*	
		For Class 54 Rating, Add	*1,128.98*	
		For Class 55 Rating, Add	*1,683.14*	
		For Class 56 Rating, Add	*2,229.84*	
40 05 19 00-2791	EA	12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,455.66	509.17
		For Class 52 Rating, Deduct	*-845.26*	
		For Class 54 Rating, Add	*1,161.89*	
		For Class 55 Rating, Add	*1,732.09*	
		For Class 56 Rating, Add	*2,294.61*	
40 05 19 00-2792	EA	12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,679.24	512.19
		For Class 52 Rating, Deduct	*-869.35*	
		For Class 54 Rating, Add	*1,194.79*	
		For Class 55 Rating, Add	*1,781.04*	
		For Class 56 Rating, Add	*2,359.38*	
40 05 19 00-2793	EA	12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,902.81	515.20
		For Class 52 Rating, Deduct	*-893.44*	
		For Class 54 Rating, Add	*1,227.70*	
		For Class 55 Rating, Add	*1,829.99*	
		For Class 56 Rating, Add	*2,424.15*	
40 05 19 00-2794	EA	12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,126.37	518.22
		For Class 52 Rating, Deduct	*-917.53*	
		For Class 54 Rating, Add	*1,260.60*	
		For Class 55 Rating, Add	*1,878.93*	
		For Class 56 Rating, Add	*2,488.92*	
40 05 19 00-2795	EA	12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,349.95	521.23
		For Class 52 Rating, Deduct	*-941.62*	
		For Class 54 Rating, Add	*1,293.51*	
		For Class 55 Rating, Add	*1,927.88*	
		For Class 56 Rating, Add	*2,553.69*	
40 05 19 00-2796	EA	12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,573.51	524.24
		For Class 52 Rating, Deduct	*-965.71*	
		For Class 54 Rating, Add	*1,326.41*	
		For Class 55 Rating, Add	*1,976.83*	
		For Class 56 Rating, Add	*2,618.46*	
40 05 19 00-2797	EA	12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,797.08	527.25
		For Class 52 Rating, Deduct	*-989.80*	
		For Class 54 Rating, Add	*1,359.32*	
		For Class 55 Rating, Add	*2,025.77*	
		For Class 56 Rating, Add	*2,683.23*	
40 05 19 00-2798	EA	12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,020.65	530.26
		For Class 52 Rating, Deduct	*-1,013.89*	
		For Class 54 Rating, Add	*1,392.22*	
		For Class 55 Rating, Add	*2,074.72*	
		For Class 56 Rating, Add	*2,748.00*	
40 05 19 00-2799	EA	12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,244.21	533.28
		For Class 52 Rating, Deduct	*-1,037.98*	
		For Class 54 Rating, Add	*1,425.13*	
		For Class 55 Rating, Add	*2,123.67*	
		For Class 56 Rating, Add	*2,812.77*	
40 05 19 00-2800	EA	12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,467.79	536.29
		For Class 52 Rating, Deduct	*-1,062.08*	
		For Class 54 Rating, Add	*1,458.04*	
		For Class 55 Rating, Add	*2,172.62*	
		For Class 56 Rating, Add	*2,877.55*	

40 05 19 00-2801 14" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2802	EA	14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,733.19	506.16
		For Class 52 Rating, Deduct	*-216.29*	
		For Class 54 Rating, Add	*304.14*	
		For Class 55 Rating, Add	*456.89*	
		For Class 56 Rating, Add	*607.66*	
40 05 19 00-2803	EA	14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,004.36	509.17
		For Class 52 Rating, Deduct	*-245.62*	
		For Class 54 Rating, Add	*344.19*	
		For Class 55 Rating, Add	*516.45*	
		For Class 56 Rating, Add	*686.48*	
40 05 19 00-2804	EA	14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,275.55	512.19
		For Class 52 Rating, Deduct	*-274.95*	
		For Class 54 Rating, Add	*384.24*	
		For Class 55 Rating, Add	*576.01*	
		For Class 56 Rating, Add	*765.29*	
40 05 19 00-2805	EA	14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,546.73	515.20
		For Class 52 Rating, Deduct	*-304.27*	
		For Class 54 Rating, Add	*424.29*	
		For Class 55 Rating, Add	*635.58*	
		For Class 56 Rating, Add	*844.11*	
40 05 19 00-2806	EA	14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,817.90	518.22
		For Class 52 Rating, Deduct	*-333.60*	
		For Class 54 Rating, Add	*464.33*	
		For Class 55 Rating, Add	*695.14*	
		For Class 56 Rating, Add	*922.92*	
40 05 19 00-2807	EA	14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,089.09	521.23
		For Class 52 Rating, Deduct	*-362.93*	
		For Class 54 Rating, Add	*504.38*	
		For Class 55 Rating, Add	*754.71*	
		For Class 56 Rating, Add	*1,001.74*	
40 05 19 00-2808	EA	14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,360.26	524.24
		For Class 52 Rating, Deduct	*-392.26*	
		For Class 54 Rating, Add	*544.43*	
		For Class 55 Rating, Add	*814.27*	
		For Class 56 Rating, Add	*1,080.55*	
40 05 19 00-2809	EA	14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,631.44	527.25
		For Class 52 Rating, Deduct	*-421.58*	
		For Class 54 Rating, Add	*584.47*	
		For Class 55 Rating, Add	*873.84*	
		For Class 56 Rating, Add	*1,159.37*	
40 05 19 00-2810	EA	14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,902.62	530.26
		For Class 52 Rating, Deduct	*-450.91*	
		For Class 54 Rating, Add	*624.52*	
		For Class 55 Rating, Add	*933.40*	
		For Class 56 Rating, Add	*1,238.18*	
40 05 19 00-2811	EA	14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,173.79	533.28
		For Class 52 Rating, Deduct	*-480.24*	
		For Class 54 Rating, Add	*664.57*	
		For Class 55 Rating, Add	*992.97*	
		For Class 56 Rating, Add	*1,317.00*	
40 05 19 00-2812	EA	14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,444.97	536.29
		For Class 52 Rating, Deduct	*-509.57*	
		For Class 54 Rating, Add	*704.61*	
		For Class 55 Rating, Add	*1,052.53*	
		For Class 56 Rating, Add	*1,395.81*	
40 05 19 00-2813	EA	14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,716.16	539.30
		For Class 52 Rating, Deduct	*-538.89*	
		For Class 54 Rating, Add	*744.66*	
		For Class 55 Rating, Add	*1,112.09*	
		For Class 56 Rating, Add	*1,474.63*	
40 05 19 00-2814	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,987.33	542.31
		For Class 52 Rating, Deduct	*-568.22*	
		For Class 54 Rating, Add	*784.71*	
		For Class 55 Rating, Add	*1,171.66*	
		For Class 56 Rating, Add	*1,553.44*	
40 05 19 00-2815	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,258.52	545.33
		For Class 52 Rating, Deduct	*-597.55*	
		For Class 54 Rating, Add	*824.75*	
		For Class 55 Rating, Add	*1,231.22*	
		For Class 56 Rating, Add	*1,632.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2816	EA	14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,529.69	548.34
		For Class 52 Rating, Deduct	*-626.88*	
		For Class 54 Rating, Add	*864.80*	
		For Class 55 Rating, Add	*1,290.79*	
		For Class 56 Rating, Add	*1,711.08*	
40 05 19 00-2817	EA	14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,800.87	551.36
		For Class 52 Rating, Deduct	*-656.20*	
		For Class 54 Rating, Add	*904.85*	
		For Class 55 Rating, Add	*1,350.35*	
		For Class 56 Rating, Add	*1,789.89*	
40 05 19 00-2818	EA	14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,072.05	554.37
		For Class 52 Rating, Deduct	*-685.53*	
		For Class 54 Rating, Add	*944.89*	
		For Class 55 Rating, Add	*1,409.92*	
		For Class 56 Rating, Add	*1,868.71*	
40 05 19 00-2819	EA	14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,343.22	557.38
		For Class 52 Rating, Deduct	*-714.86*	
		For Class 54 Rating, Add	*984.94*	
		For Class 55 Rating, Add	*1,469.48*	
		For Class 56 Rating, Add	*1,947.52*	
40 05 19 00-2820	EA	14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,614.40	560.40
		For Class 52 Rating, Deduct	*-744.19*	
		For Class 54 Rating, Add	*1,024.99*	
		For Class 55 Rating, Add	*1,529.04*	
		For Class 56 Rating, Add	*2,026.34*	
40 05 19 00-2821	EA	14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,885.59	563.41
		For Class 52 Rating, Deduct	*-773.51*	
		For Class 54 Rating, Add	*1,065.03*	
		For Class 55 Rating, Add	*1,588.61*	
		For Class 56 Rating, Add	*2,105.15*	
40 05 19 00-2822	EA	14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,156.76	566.42
		For Class 52 Rating, Deduct	*-802.84*	
		For Class 54 Rating, Add	*1,105.08*	
		For Class 55 Rating, Add	*1,648.17*	
		For Class 56 Rating, Add	*2,183.97*	
40 05 19 00-2823	EA	14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,427.95	569.43
		For Class 52 Rating, Deduct	*-832.17*	
		For Class 54 Rating, Add	*1,145.13*	
		For Class 55 Rating, Add	*1,707.74*	
		For Class 56 Rating, Add	*2,262.79*	
40 05 19 00-2824	EA	14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,699.12	572.44
		For Class 52 Rating, Deduct	*-861.50*	
		For Class 54 Rating, Add	*1,185.18*	
		For Class 55 Rating, Add	*1,767.30*	
		For Class 56 Rating, Add	*2,341.60*	
40 05 19 00-2825	EA	14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,970.30	575.46
		For Class 52 Rating, Deduct	*-890.82*	
		For Class 54 Rating, Add	*1,225.22*	
		For Class 55 Rating, Add	*1,826.87*	
		For Class 56 Rating, Add	*2,420.41*	
40 05 19 00-2826	EA	14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,241.48	578.47
		For Class 52 Rating, Deduct	*-920.15*	
		For Class 54 Rating, Add	*1,265.27*	
		For Class 55 Rating, Add	*1,886.43*	
		For Class 56 Rating, Add	*2,499.23*	
40 05 19 00-2827	EA	14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,512.65	581.48
		For Class 52 Rating, Deduct	*-949.48*	
		For Class 54 Rating, Add	*1,305.32*	
		For Class 55 Rating, Add	*1,946.00*	
		For Class 56 Rating, Add	*2,578.04*	
40 05 19 00-2828	EA	14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,783.83	584.49
		For Class 52 Rating, Deduct	*-978.81*	
		For Class 54 Rating, Add	*1,345.36*	
		For Class 55 Rating, Add	*2,005.56*	
		For Class 56 Rating, Add	*2,656.86*	
40 05 19 00-2829	EA	14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,055.02	587.51
		For Class 52 Rating, Deduct	*-1,008.13*	
		For Class 54 Rating, Add	*1,385.41*	
		For Class 55 Rating, Add	*2,065.13*	
		For Class 56 Rating, Add	*2,735.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2830	EA	14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,326.19	590.53
		For Class 52 Rating, Deduct	*-1,037.46*	
		For Class 54 Rating, Add	*1,425.46*	
		For Class 55 Rating, Add	*2,124.69*	
		For Class 56 Rating, Add	*2,814.49*	
40 05 19 00-2831	EA	14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,597.38	593.54
		For Class 52 Rating, Deduct	*-1,066.79*	
		For Class 54 Rating, Add	*1,465.50*	
		For Class 55 Rating, Add	*2,184.26*	
		For Class 56 Rating, Add	*2,893.31*	
40 05 19 00-2832	EA	14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,868.55	596.55
		For Class 52 Rating, Deduct	*-1,096.12*	
		For Class 54 Rating, Add	*1,505.55*	
		For Class 55 Rating, Add	*2,243.82*	
		For Class 56 Rating, Add	*2,972.12*	
40 05 19 00-2833	EA	14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,139.73	599.56
		For Class 52 Rating, Deduct	*-1,125.44*	
		For Class 54 Rating, Add	*1,545.60*	
		For Class 55 Rating, Add	*2,303.38*	
		For Class 56 Rating, Add	*3,050.94*	
40 05 19 00-2834	EA	14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,410.91	602.57
		For Class 52 Rating, Deduct	*-1,154.77*	
		For Class 54 Rating, Add	*1,585.64*	
		For Class 55 Rating, Add	*2,362.95*	
		For Class 56 Rating, Add	*3,129.75*	
40 05 19 00-2835	EA	14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,682.08	605.59
		For Class 52 Rating, Deduct	*-1,184.10*	
		For Class 54 Rating, Add	*1,625.69*	
		For Class 55 Rating, Add	*2,422.51*	
		For Class 56 Rating, Add	*3,208.57*	
40 05 19 00-2836	EA	14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,953.26	608.60
		For Class 52 Rating, Deduct	*-1,213.43*	
		For Class 54 Rating, Add	*1,665.74*	
		For Class 55 Rating, Add	*2,482.08*	
		For Class 56 Rating, Add	*3,287.38*	
40 05 19 00-2837	EA	14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,224.44	611.61
		For Class 52 Rating, Deduct	*-1,242.75*	
		For Class 54 Rating, Add	*1,705.78*	
		For Class 55 Rating, Add	*2,541.64*	
		For Class 56 Rating, Add	*3,366.20*	
40 05 19 00-2838	EA	14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,495.62	614.62
		For Class 52 Rating, Deduct	*-1,272.08*	
		For Class 54 Rating, Add	*1,745.83*	
		For Class 55 Rating, Add	*2,601.20*	
		For Class 56 Rating, Add	*3,445.01*	
40 05 19 00-2839	EA	14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,766.81	617.64
		For Class 52 Rating, Deduct	*-1,301.41*	
		For Class 54 Rating, Add	*1,785.88*	
		For Class 55 Rating, Add	*2,660.77*	
		For Class 56 Rating, Add	*3,523.83*	

40 05 19 00-2840 16" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-2841	EA	16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,197.44	578.47
		For Class 52 Rating, Deduct	*-255.31*	
		For Class 54 Rating, Add	*358.66*	
		For Class 55 Rating, Add	*538.61*	
		For Class 56 Rating, Add	*716.24*	
40 05 19 00-2842	EA	16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,511.46	581.48
		For Class 52 Rating, Deduct	*-289.35*	
		For Class 54 Rating, Add	*405.14*	
		For Class 55 Rating, Add	*607.73*	
		For Class 56 Rating, Add	*807.69*	
40 05 19 00-2843	EA	16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,825.49	584.49
		For Class 52 Rating, Deduct	*-323.39*	
		For Class 54 Rating, Add	*451.61*	
		For Class 55 Rating, Add	*676.85*	
		For Class 56 Rating, Add	*899.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2844	EA	16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,139.53	587.51
		For Class 52 Rating, Deduct	*-357.43*	
		For Class 54 Rating, Add	*498.09*	
		For Class 55 Rating, Add	*745.97*	
		For Class 56 Rating, Add	*990.61*	
40 05 19 00-2845	EA	16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,453.55	590.53
		For Class 52 Rating, Deduct	*-391.47*	
		For Class 54 Rating, Add	*544.56*	
		For Class 55 Rating, Add	*815.09*	
		For Class 56 Rating, Add	*1,082.06*	
40 05 19 00-2846	EA	16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,767.58	593.54
		For Class 52 Rating, Deduct	*-425.51*	
		For Class 54 Rating, Add	*591.03*	
		For Class 55 Rating, Add	*884.21*	
		For Class 56 Rating, Add	*1,173.52*	
40 05 19 00-2847	EA	16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,081.60	596.55
		For Class 52 Rating, Deduct	*-459.55*	
		For Class 54 Rating, Add	*637.51*	
		For Class 55 Rating, Add	*953.33*	
		For Class 56 Rating, Add	*1,264.97*	
40 05 19 00-2848	EA	16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,395.63	599.56
		For Class 52 Rating, Deduct	*-493.59*	
		For Class 54 Rating, Add	*683.98*	
		For Class 55 Rating, Add	*1,022.45*	
		For Class 56 Rating, Add	*1,356.43*	
40 05 19 00-2849	EA	16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,709.66	602.57
		For Class 52 Rating, Deduct	*-527.63*	
		For Class 54 Rating, Add	*730.46*	
		For Class 55 Rating, Add	*1,091.57*	
		For Class 56 Rating, Add	*1,447.89*	
40 05 19 00-2850	EA	16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,023.68	605.59
		For Class 52 Rating, Deduct	*-561.67*	
		For Class 54 Rating, Add	*776.93*	
		For Class 55 Rating, Add	*1,160.69*	
		For Class 56 Rating, Add	*1,539.34*	
40 05 19 00-2851	EA	16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,337.71	608.60
		For Class 52 Rating, Deduct	*-595.71*	
		For Class 54 Rating, Add	*823.40*	
		For Class 55 Rating, Add	*1,229.81*	
		For Class 56 Rating, Add	*1,630.80*	
40 05 19 00-2852	EA	16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,651.73	611.61
		For Class 52 Rating, Deduct	*-629.76*	
		For Class 54 Rating, Add	*869.88*	
		For Class 55 Rating, Add	*1,298.93*	
		For Class 56 Rating, Add	*1,722.25*	
40 05 19 00-2853	EA	16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,965.77	614.62
		For Class 52 Rating, Deduct	*-663.80*	
		For Class 54 Rating, Add	*916.35*	
		For Class 55 Rating, Add	*1,368.05*	
		For Class 56 Rating, Add	*1,813.71*	
40 05 19 00-2854	EA	16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,279.80	617.64
		For Class 52 Rating, Deduct	*-697.84*	
		For Class 54 Rating, Add	*962.83*	
		For Class 55 Rating, Add	*1,437.17*	
		For Class 56 Rating, Add	*1,905.16*	
40 05 19 00-2855	EA	16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,593.82	620.65
		For Class 52 Rating, Deduct	*-731.88*	
		For Class 54 Rating, Add	*1,009.30*	
		For Class 55 Rating, Add	*1,506.29*	
		For Class 56 Rating, Add	*1,996.62*	
40 05 19 00-2856	EA	16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,907.85	623.66
		For Class 52 Rating, Deduct	*-765.92*	
		For Class 54 Rating, Add	*1,055.77*	
		For Class 55 Rating, Add	*1,575.41*	
		For Class 56 Rating, Add	*2,088.07*	
40 05 19 00-2857	EA	16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,221.88	626.68
		For Class 52 Rating, Deduct	*-799.96*	
		For Class 54 Rating, Add	*1,102.25*	
		For Class 55 Rating, Add	*1,644.53*	
		For Class 56 Rating, Add	*2,179.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2858	EA	16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,535.90	629.69
		For Class 52 Rating, Deduct	*-834.00*	
		For Class 54 Rating, Add	*1,148.72*	
		For Class 55 Rating, Add	*1,713.65*	
		For Class 56 Rating, Add	*2,270.99*	
40 05 19 00-2859	EA	16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,849.93	632.71
		For Class 52 Rating, Deduct	*-868.04*	
		For Class 54 Rating, Add	*1,195.20*	
		For Class 55 Rating, Add	*1,782.77*	
		For Class 56 Rating, Add	*2,362.44*	
40 05 19 00-2860	EA	16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,163.95	635.72
		For Class 52 Rating, Deduct	*-902.08*	
		For Class 54 Rating, Add	*1,241.67*	
		For Class 55 Rating, Add	*1,851.88*	
		For Class 56 Rating, Add	*2,453.90*	
40 05 19 00-2861	EA	16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,477.99	638.73
		For Class 52 Rating, Deduct	*-936.12*	
		For Class 54 Rating, Add	*1,288.15*	
		For Class 55 Rating, Add	*1,921.01*	
		For Class 56 Rating, Add	*2,545.35*	
40 05 19 00-2862	EA	16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,792.02	641.74
		For Class 52 Rating, Deduct	*-970.16*	
		For Class 54 Rating, Add	*1,334.62*	
		For Class 55 Rating, Add	*1,990.12*	
		For Class 56 Rating, Add	*2,636.81*	
40 05 19 00-2863	EA	16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,106.04	644.75
		For Class 52 Rating, Deduct	*-1,004.21*	
		For Class 54 Rating, Add	*1,381.09*	
		For Class 55 Rating, Add	*2,059.24*	
		For Class 56 Rating, Add	*2,728.26*	
40 05 19 00-2864	EA	16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,420.07	647.77
		For Class 52 Rating, Deduct	*-1,038.25*	
		For Class 54 Rating, Add	*1,427.57*	
		For Class 55 Rating, Add	*2,128.36*	
		For Class 56 Rating, Add	*2,819.72*	
40 05 19 00-2865	EA	16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,734.10	650.78
		For Class 52 Rating, Deduct	*-1,072.29*	
		For Class 54 Rating, Add	*1,474.04*	
		For Class 55 Rating, Add	*2,197.48*	
		For Class 56 Rating, Add	*2,911.18*	
40 05 19 00-2866	EA	16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,048.12	653.79
		For Class 52 Rating, Deduct	*-1,106.33*	
		For Class 54 Rating, Add	*1,520.52*	
		For Class 55 Rating, Add	*2,266.60*	
		For Class 56 Rating, Add	*3,002.63*	
40 05 19 00-2867	EA	16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,362.15	656.80
		For Class 52 Rating, Deduct	*-1,140.37*	
		For Class 54 Rating, Add	*1,566.99*	
		For Class 55 Rating, Add	*2,335.72*	
		For Class 56 Rating, Add	*3,094.09*	
40 05 19 00-2868	EA	16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,676.17	659.81
		For Class 52 Rating, Deduct	*-1,174.41*	
		For Class 54 Rating, Add	*1,613.46*	
		For Class 55 Rating, Add	*2,404.84*	
		For Class 56 Rating, Add	*3,185.54*	
40 05 19 00-2869	EA	16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,990.21	662.84
		For Class 52 Rating, Deduct	*-1,208.45*	
		For Class 54 Rating, Add	*1,659.94*	
		For Class 55 Rating, Add	*2,473.96*	
		For Class 56 Rating, Add	*3,277.00*	
40 05 19 00-2870	EA	16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,304.24	665.85
		For Class 52 Rating, Deduct	*-1,242.49*	
		For Class 54 Rating, Add	*1,706.41*	
		For Class 55 Rating, Add	*2,543.08*	
		For Class 56 Rating, Add	*3,368.46*	
40 05 19 00-2871	EA	16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,618.26	668.86
		For Class 52 Rating, Deduct	*-1,276.53*	
		For Class 54 Rating, Add	*1,752.89*	
		For Class 55 Rating, Add	*2,612.20*	
		For Class 56 Rating, Add	*3,459.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2872	EA	16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,932.29	671.87
		For Class 52 Rating, Deduct	*-1,310.57*	
		For Class 54 Rating, Add	*1,799.36*	
		For Class 55 Rating, Add	*2,681.32*	
		For Class 56 Rating, Add	*3,551.37*	
40 05 19 00-2873	EA	16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,246.31	674.88
		For Class 52 Rating, Deduct	*-1,344.61*	
		For Class 54 Rating, Add	*1,845.83*	
		For Class 55 Rating, Add	*2,750.44*	
		For Class 56 Rating, Add	*3,642.82*	
40 05 19 00-2874	EA	16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,560.34	677.90
		For Class 52 Rating, Deduct	*-1,378.66*	
		For Class 54 Rating, Add	*1,892.31*	
		For Class 55 Rating, Add	*2,819.56*	
		For Class 56 Rating, Add	*3,734.28*	
40 05 19 00-2875	EA	16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,874.37	680.91
		For Class 52 Rating, Deduct	*-1,412.70*	
		For Class 54 Rating, Add	*1,938.78*	
		For Class 55 Rating, Add	*2,888.68*	
		For Class 56 Rating, Add	*3,825.73*	
40 05 19 00-2876	EA	16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,188.39	683.92
		For Class 52 Rating, Deduct	*-1,446.74*	
		For Class 54 Rating, Add	*1,985.26*	
		For Class 55 Rating, Add	*2,957.80*	
		For Class 56 Rating, Add	*3,917.19*	
40 05 19 00-2877	EA	16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,502.42	686.93
		For Class 52 Rating, Deduct	*-1,480.78*	
		For Class 54 Rating, Add	*2,031.73*	
		For Class 55 Rating, Add	*3,026.92*	
		For Class 56 Rating, Add	*4,008.64*	
40 05 19 00-2878	EA	16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,816.46	689.95
		For Class 52 Rating, Deduct	*-1,514.82*	
		For Class 54 Rating, Add	*2,078.21*	
		For Class 55 Rating, Add	*3,096.04*	
		For Class 56 Rating, Add	*4,100.10*	
40 05 19 00-2879		18" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*		
40 05 19 00-2880	EA	18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,737.31	651.98
		For Class 52 Rating, Deduct	*-302.44*	
		For Class 54 Rating, Add	*424.27*	
		For Class 55 Rating, Add	*636.84*	
		For Class 56 Rating, Add	*846.65*	
40 05 19 00-2881	EA	18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,098.95	655.01
		For Class 52 Rating, Deduct	*-341.72*	
		For Class 54 Rating, Add	*477.89*	
		For Class 55 Rating, Add	*716.57*	
		For Class 56 Rating, Add	*952.15*	
40 05 19 00-2882	EA	18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,460.58	658.02
		For Class 52 Rating, Deduct	*-381.00*	
		For Class 54 Rating, Add	*531.50*	
		For Class 55 Rating, Add	*796.31*	
		For Class 56 Rating, Add	*1,057.65*	
40 05 19 00-2883	EA	18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,822.22	661.03
		For Class 52 Rating, Deduct	*-420.27*	
		For Class 54 Rating, Add	*585.12*	
		For Class 55 Rating, Add	*876.05*	
		For Class 56 Rating, Add	*1,163.15*	
40 05 19 00-2884	EA	18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,183.86	664.04
		For Class 52 Rating, Deduct	*-459.55*	
		For Class 54 Rating, Add	*638.73*	
		For Class 55 Rating, Add	*955.78*	
		For Class 56 Rating, Add	*1,268.65*	
40 05 19 00-2885	EA	18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,545.49	667.06
		For Class 52 Rating, Deduct	*-498.83*	
		For Class 54 Rating, Add	*692.35*	
		For Class 55 Rating, Add	*1,035.52*	
		For Class 56 Rating, Add	*1,374.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2886	EA	18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,907.14	670.07
		For Class 52 Rating, Deduct	*-538.11*	
		For Class 54 Rating, Add	*745.97*	
		For Class 55 Rating, Add	*1,115.26*	
		For Class 56 Rating, Add	*1,479.66*	
40 05 19 00-2887	EA	18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,268.77	673.08
		For Class 52 Rating, Deduct	*-577.39*	
		For Class 54 Rating, Add	*799.58*	
		For Class 55 Rating, Add	*1,194.99*	
		For Class 56 Rating, Add	*1,585.16*	
40 05 19 00-2888	EA	18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,630.41	676.09
		For Class 52 Rating, Deduct	*-616.66*	
		For Class 54 Rating, Add	*853.20*	
		For Class 55 Rating, Add	*1,274.73*	
		For Class 56 Rating, Add	*1,690.66*	
40 05 19 00-2889	EA	18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,992.04	679.10
		For Class 52 Rating, Deduct	*-655.94*	
		For Class 54 Rating, Add	*906.81*	
		For Class 55 Rating, Add	*1,354.47*	
		For Class 56 Rating, Add	*1,796.16*	
40 05 19 00-2890	EA	18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,353.67	682.12
		For Class 52 Rating, Deduct	*-695.22*	
		For Class 54 Rating, Add	*960.43*	
		For Class 55 Rating, Add	*1,434.20*	
		For Class 56 Rating, Add	*1,901.66*	
40 05 19 00-2891	EA	18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,715.32	685.13
		For Class 52 Rating, Deduct	*-734.50*	
		For Class 54 Rating, Add	*1,014.04*	
		For Class 55 Rating, Add	*1,513.94*	
		For Class 56 Rating, Add	*2,007.16*	
40 05 19 00-2892	EA	18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,076.96	688.14
		For Class 52 Rating, Deduct	*-773.78*	
		For Class 54 Rating, Add	*1,067.66*	
		For Class 55 Rating, Add	*1,593.68*	
		For Class 56 Rating, Add	*2,112.66*	
40 05 19 00-2893	EA	18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,438.59	691.16
		For Class 52 Rating, Deduct	*-813.05*	
		For Class 54 Rating, Add	*1,121.27*	
		For Class 55 Rating, Add	*1,673.41*	
		For Class 56 Rating, Add	*2,218.16*	
40 05 19 00-2894	EA	18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,800.23	694.17
		For Class 52 Rating, Deduct	*-852.33*	
		For Class 54 Rating, Add	*1,174.89*	
		For Class 55 Rating, Add	*1,753.15*	
		For Class 56 Rating, Add	*2,323.66*	
40 05 19 00-2895	EA	18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,161.86	697.19
		For Class 52 Rating, Deduct	*-891.61*	
		For Class 54 Rating, Add	*1,228.51*	
		For Class 55 Rating, Add	*1,832.89*	
		For Class 56 Rating, Add	*2,429.16*	
40 05 19 00-2896	EA	18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,523.51	700.20
		For Class 52 Rating, Deduct	*-930.89*	
		For Class 54 Rating, Add	*1,282.12*	
		For Class 55 Rating, Add	*1,912.62*	
		For Class 56 Rating, Add	*2,534.66*	
40 05 19 00-2897	EA	18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,885.14	703.21
		For Class 52 Rating, Deduct	*-970.16*	
		For Class 54 Rating, Add	*1,335.74*	
		For Class 55 Rating, Add	*1,992.36*	
		For Class 56 Rating, Add	*2,640.16*	
40 05 19 00-2898	EA	18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,246.77	706.22
		For Class 52 Rating, Deduct	*-1,009.44*	
		For Class 54 Rating, Add	*1,389.35*	
		For Class 55 Rating, Add	*2,072.10*	
		For Class 56 Rating, Add	*2,745.66*	
40 05 19 00-2899	EA	18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,608.41	709.23
		For Class 52 Rating, Deduct	*-1,048.72*	
		For Class 54 Rating, Add	*1,442.97*	
		For Class 55 Rating, Add	*2,151.83*	
		For Class 56 Rating, Add	*2,851.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2900	EA	18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,970.05	712.25
		For Class 52 Rating, Deduct	*-1,088.00*	
		For Class 54 Rating, Add	*1,496.58*	
		For Class 55 Rating, Add	*2,231.57*	
		For Class 56 Rating, Add	*2,956.66*	
40 05 19 00-2901	EA	18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,331.69	715.26
		For Class 52 Rating, Deduct	*-1,127.28*	
		For Class 54 Rating, Add	*1,550.20*	
		For Class 55 Rating, Add	*2,311.31*	
		For Class 56 Rating, Add	*3,062.17*	
40 05 19 00-2902	EA	18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,693.33	718.27
		For Class 52 Rating, Deduct	*-1,166.55*	
		For Class 54 Rating, Add	*1,603.82*	
		For Class 55 Rating, Add	*2,391.04*	
		For Class 56 Rating, Add	*3,167.67*	
40 05 19 00-2903	EA	18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,054.96	721.28
		For Class 52 Rating, Deduct	*-1,205.83*	
		For Class 54 Rating, Add	*1,657.43*	
		For Class 55 Rating, Add	*2,470.78*	
		For Class 56 Rating, Add	*3,273.17*	
40 05 19 00-2904	EA	18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,416.60	724.29
		For Class 52 Rating, Deduct	*-1,245.11*	
		For Class 54 Rating, Add	*1,711.05*	
		For Class 55 Rating, Add	*2,550.52*	
		For Class 56 Rating, Add	*3,378.67*	
40 05 19 00-2905	EA	18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,778.23	727.31
		For Class 52 Rating, Deduct	*-1,284.39*	
		For Class 54 Rating, Add	*1,764.66*	
		For Class 55 Rating, Add	*2,630.25*	
		For Class 56 Rating, Add	*3,484.17*	
40 05 19 00-2906	EA	18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,139.87	730.33
		For Class 52 Rating, Deduct	*-1,323.67*	
		For Class 54 Rating, Add	*1,818.28*	
		For Class 55 Rating, Add	*2,709.99*	
		For Class 56 Rating, Add	*3,589.67*	
40 05 19 00-2907	EA	18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,501.51	733.34
		For Class 52 Rating, Deduct	*-1,362.94*	
		For Class 54 Rating, Add	*1,871.89*	
		For Class 55 Rating, Add	*2,789.73*	
		For Class 56 Rating, Add	*3,695.17*	
40 05 19 00-2908	EA	18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,863.14	736.35
		For Class 52 Rating, Deduct	*-1,402.22*	
		For Class 54 Rating, Add	*1,925.51*	
		For Class 55 Rating, Add	*2,869.46*	
		For Class 56 Rating, Add	*3,800.67*	
40 05 19 00-2909	EA	18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,224.78	739.36
		For Class 52 Rating, Deduct	*-1,441.50*	
		For Class 54 Rating, Add	*1,979.12*	
		For Class 55 Rating, Add	*2,949.20*	
		For Class 56 Rating, Add	*3,906.17*	
40 05 19 00-2910	EA	18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,586.42	742.38
		For Class 52 Rating, Deduct	*-1,480.78*	
		For Class 54 Rating, Add	*2,032.74*	
		For Class 55 Rating, Add	*3,028.93*	
		For Class 56 Rating, Add	*4,011.67*	
40 05 19 00-2911	EA	18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,948.06	745.39
		For Class 52 Rating, Deduct	*-1,520.06*	
		For Class 54 Rating, Add	*2,086.36*	
		For Class 55 Rating, Add	*3,108.67*	
		For Class 56 Rating, Add	*4,117.17*	
40 05 19 00-2912	EA	18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,309.70	748.40
		For Class 52 Rating, Deduct	*-1,559.33*	
		For Class 54 Rating, Add	*2,139.97*	
		For Class 55 Rating, Add	*3,188.41*	
		For Class 56 Rating, Add	*4,222.67*	
40 05 19 00-2913	EA	18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,671.33	751.41
		For Class 52 Rating, Deduct	*-1,598.61*	
		For Class 54 Rating, Add	*2,193.59*	
		For Class 55 Rating, Add	*3,268.15*	
		For Class 56 Rating, Add	*4,328.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2914	EA	18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,032.96	754.43
		For Class 52 Rating, Deduct	*-1,637.89*	
		For Class 54 Rating, Add	*2,247.20*	
		For Class 55 Rating, Add	*3,347.88*	
		For Class 56 Rating, Add	*4,433.67*	
40 05 19 00-2915	EA	18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,394.60	757.44
		For Class 52 Rating, Deduct	*-1,677.17*	
		For Class 54 Rating, Add	*2,300.82*	
		For Class 55 Rating, Add	*3,427.62*	
		For Class 56 Rating, Add	*4,539.17*	
40 05 19 00-2916	EA	18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,756.24	760.45
		For Class 52 Rating, Deduct	*-1,716.45*	
		For Class 54 Rating, Add	*2,354.43*	
		For Class 55 Rating, Add	*3,507.36*	
		For Class 56 Rating, Add	*4,644.67*	
40 05 19 00-2917	EA	18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,117.88	763.46
		For Class 52 Rating, Deduct	*-1,755.72*	
		For Class 54 Rating, Add	*2,408.05*	
		For Class 55 Rating, Add	*3,587.09*	
		For Class 56 Rating, Add	*4,750.17*	

40 05 19 00-2918 20" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-2919	EA	20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,329.30	744.18
		For Class 52 Rating, Deduct	*-352.19*	
		For Class 54 Rating, Add	*493.79*	
		For Class 55 Rating, Add	*741.05*	
		For Class 56 Rating, Add	*985.11*	
40 05 19 00-2920	EA	20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,740.92	747.19
		For Class 52 Rating, Deduct	*-396.97*	
		For Class 54 Rating, Add	*554.91*	
		For Class 55 Rating, Add	*831.94*	
		For Class 56 Rating, Add	*1,105.35*	
40 05 19 00-2921	EA	20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,152.54	750.21
		For Class 52 Rating, Deduct	*-441.75*	
		For Class 54 Rating, Add	*616.02*	
		For Class 55 Rating, Add	*922.82*	
		For Class 56 Rating, Add	*1,225.60*	
40 05 19 00-2922	EA	20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,564.17	753.22
		For Class 52 Rating, Deduct	*-486.52*	
		For Class 54 Rating, Add	*677.13*	
		For Class 55 Rating, Add	*1,013.70*	
		For Class 56 Rating, Add	*1,345.85*	
40 05 19 00-2923	EA	20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,975.79	756.23
		For Class 52 Rating, Deduct	*-531.30*	
		For Class 54 Rating, Add	*738.25*	
		For Class 55 Rating, Add	*1,104.59*	
		For Class 56 Rating, Add	*1,466.10*	
40 05 19 00-2924	EA	20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,387.42	759.24
		For Class 52 Rating, Deduct	*-576.08*	
		For Class 54 Rating, Add	*799.36*	
		For Class 55 Rating, Add	*1,195.47*	
		For Class 56 Rating, Add	*1,586.35*	
40 05 19 00-2925	EA	20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,799.06	762.25
		For Class 52 Rating, Deduct	*-620.85*	
		For Class 54 Rating, Add	*860.48*	
		For Class 55 Rating, Add	*1,286.36*	
		For Class 56 Rating, Add	*1,706.59*	
40 05 19 00-2926	EA	20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,210.68	765.27
		For Class 52 Rating, Deduct	*-665.63*	
		For Class 54 Rating, Add	*921.59*	
		For Class 55 Rating, Add	*1,377.24*	
		For Class 56 Rating, Add	*1,826.84*	
40 05 19 00-2927	EA	20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,622.31	768.28
		For Class 52 Rating, Deduct	*-710.41*	
		For Class 54 Rating, Add	*982.70*	
		For Class 55 Rating, Add	*1,468.13*	
		For Class 56 Rating, Add	*1,947.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2928	EA	20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,033.93	771.29
		For Class 52 Rating, Deduct	*-755.18*	
		For Class 54 Rating, Add	*1,043.82*	
		For Class 55 Rating, Add	*1,559.01*	
		For Class 56 Rating, Add	*2,067.33*	
40 05 19 00-2929	EA	20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,445.56	774.30
		For Class 52 Rating, Deduct	*-799.96*	
		For Class 54 Rating, Add	*1,104.93*	
		For Class 55 Rating, Add	*1,649.90*	
		For Class 56 Rating, Add	*2,187.58*	
40 05 19 00-2930	EA	20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,857.19	777.33
		For Class 52 Rating, Deduct	*-844.74*	
		For Class 54 Rating, Add	*1,166.05*	
		For Class 55 Rating, Add	*1,740.78*	
		For Class 56 Rating, Add	*2,307.83*	
40 05 19 00-2931	EA	20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,268.81	780.34
		For Class 52 Rating, Deduct	*-889.51*	
		For Class 54 Rating, Add	*1,227.16*	
		For Class 55 Rating, Add	*1,831.66*	
		For Class 56 Rating, Add	*2,428.08*	
40 05 19 00-2932	EA	20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,680.43	783.35
		For Class 52 Rating, Deduct	*-934.29*	
		For Class 54 Rating, Add	*1,288.28*	
		For Class 55 Rating, Add	*1,922.55*	
		For Class 56 Rating, Add	*2,548.32*	
40 05 19 00-2933	EA	20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,092.06	786.36
		For Class 52 Rating, Deduct	*-979.07*	
		For Class 54 Rating, Add	*1,349.39*	
		For Class 55 Rating, Add	*2,013.43*	
		For Class 56 Rating, Add	*2,668.57*	
40 05 19 00-2934	EA	20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,503.70	789.37
		For Class 52 Rating, Deduct	*-1,023.84*	
		For Class 54 Rating, Add	*1,410.50*	
		For Class 55 Rating, Add	*2,104.32*	
		For Class 56 Rating, Add	*2,788.82*	
40 05 19 00-2935	EA	20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,915.33	792.39
		For Class 52 Rating, Deduct	*-1,068.62*	
		For Class 54 Rating, Add	*1,471.62*	
		For Class 55 Rating, Add	*2,195.20*	
		For Class 56 Rating, Add	*2,909.07*	
40 05 19 00-2936	EA	20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,326.95	795.40
		For Class 52 Rating, Deduct	*-1,113.40*	
		For Class 54 Rating, Add	*1,532.73*	
		For Class 55 Rating, Add	*2,286.09*	
		For Class 56 Rating, Add	*3,029.32*	
40 05 19 00-2937	EA	20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,738.57	798.41
		For Class 52 Rating, Deduct	*-1,158.17*	
		For Class 54 Rating, Add	*1,593.85*	
		For Class 55 Rating, Add	*2,376.97*	
		For Class 56 Rating, Add	*3,149.56*	
40 05 19 00-2938	EA	20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,150.21	801.42
		For Class 52 Rating, Deduct	*-1,202.95*	
		For Class 54 Rating, Add	*1,654.96*	
		For Class 55 Rating, Add	*2,467.86*	
		For Class 56 Rating, Add	*3,269.81*	
40 05 19 00-2939	EA	20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,561.83	804.43
		For Class 52 Rating, Deduct	*-1,247.73*	
		For Class 54 Rating, Add	*1,716.07*	
		For Class 55 Rating, Add	*2,558.74*	
		For Class 56 Rating, Add	*3,390.06*	
40 05 19 00-2940	EA	20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,973.45	807.45
		For Class 52 Rating, Deduct	*-1,292.51*	
		For Class 54 Rating, Add	*1,777.19*	
		For Class 55 Rating, Add	*2,649.62*	
		For Class 56 Rating, Add	*3,510.31*	
40 05 19 00-2941	EA	20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,385.08	810.46
		For Class 52 Rating, Deduct	*-1,337.28*	
		For Class 54 Rating, Add	*1,838.30*	
		For Class 55 Rating, Add	*2,740.51*	
		For Class 56 Rating, Add	*3,630.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2942	EA	20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,796.71	813.48
		For Class 52 Rating, Deduct	*-1,382.06*	
		For Class 54 Rating, Add	*1,899.42*	
		For Class 55 Rating, Add	*2,831.39*	
		For Class 56 Rating, Add	*3,750.80*	
40 05 19 00-2943	EA	20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,208.35	816.49
		For Class 52 Rating, Deduct	*-1,426.84*	
		For Class 54 Rating, Add	*1,960.53*	
		For Class 55 Rating, Add	*2,922.28*	
		For Class 56 Rating, Add	*3,871.05*	
40 05 19 00-2944	EA	20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,619.97	819.50
		For Class 52 Rating, Deduct	*-1,471.61*	
		For Class 54 Rating, Add	*2,021.65*	
		For Class 55 Rating, Add	*3,013.16*	
		For Class 56 Rating, Add	*3,991.30*	
40 05 19 00-2945	EA	20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,031.59	822.52
		For Class 52 Rating, Deduct	*-1,516.39*	
		For Class 54 Rating, Add	*2,082.76*	
		For Class 55 Rating, Add	*3,104.04*	
		For Class 56 Rating, Add	*4,111.55*	
40 05 19 00-2946	EA	20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,443.22	825.53
		For Class 52 Rating, Deduct	*-1,561.17*	
		For Class 54 Rating, Add	*2,143.87*	
		For Class 55 Rating, Add	*3,194.93*	
		For Class 56 Rating, Add	*4,231.79*	
40 05 19 00-2947	EA	20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,854.84	828.54
		For Class 52 Rating, Deduct	*-1,605.94*	
		For Class 54 Rating, Add	*2,204.99*	
		For Class 55 Rating, Add	*3,285.81*	
		For Class 56 Rating, Add	*4,352.04*	
40 05 19 00-2948	EA	20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,266.47	831.55
		For Class 52 Rating, Deduct	*-1,650.72*	
		For Class 54 Rating, Add	*2,266.10*	
		For Class 55 Rating, Add	*3,376.70*	
		For Class 56 Rating, Add	*4,472.29*	
40 05 19 00-2949	EA	20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,678.10	834.56
		For Class 52 Rating, Deduct	*-1,695.50*	
		For Class 54 Rating, Add	*2,327.22*	
		For Class 55 Rating, Add	*3,467.58*	
		For Class 56 Rating, Add	*4,592.54*	
40 05 19 00-2950	EA	20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,089.73	837.58
		For Class 52 Rating, Deduct	*-1,740.27*	
		For Class 54 Rating, Add	*2,388.33*	
		For Class 55 Rating, Add	*3,558.47*	
		For Class 56 Rating, Add	*4,712.78*	
40 05 19 00-2951	EA	20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,501.36	840.59
		For Class 52 Rating, Deduct	*-1,785.05*	
		For Class 54 Rating, Add	*2,449.44*	
		For Class 55 Rating, Add	*3,649.35*	
		For Class 56 Rating, Add	*4,833.03*	
40 05 19 00-2952	EA	20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,912.98	843.60
		For Class 52 Rating, Deduct	*-1,829.83*	
		For Class 54 Rating, Add	*2,510.56*	
		For Class 55 Rating, Add	*3,740.23*	
		For Class 56 Rating, Add	*4,953.28*	
40 05 19 00-2953	EA	20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,324.61	846.61
		For Class 52 Rating, Deduct	*-1,874.60*	
		For Class 54 Rating, Add	*2,571.67*	
		For Class 55 Rating, Add	*3,831.12*	
		For Class 56 Rating, Add	*5,073.53*	
40 05 19 00-2954	EA	20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,736.24	849.62
		For Class 52 Rating, Deduct	*-1,919.38*	
		For Class 54 Rating, Add	*2,632.79*	
		For Class 55 Rating, Add	*3,922.00*	
		For Class 56 Rating, Add	*5,193.77*	
40 05 19 00-2955	EA	20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,147.86	852.65
		For Class 52 Rating, Deduct	*-1,964.16*	
		For Class 54 Rating, Add	*2,693.90*	
		For Class 55 Rating, Add	*4,012.89*	
		For Class 56 Rating, Add	*5,314.02*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2956		EA	20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,559.48	855.66
			For Class 52 Rating, Deduct	*-2,008.93*	
			For Class 54 Rating, Add	*2,755.01*	
			For Class 55 Rating, Add	*4,103.77*	
			For Class 56 Rating, Add	*5,434.27*	

40 05 19 00-2957 24" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-2958		EA	24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,375.02	879.76
			For Class 52 Rating, Deduct	*-444.63*	
			For Class 54 Rating, Add	*622.30*	
			For Class 55 Rating, Add	*933.37*	
			For Class 56 Rating, Add	*1,240.39*	
40 05 19 00-2959		EA	24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,884.25	882.77
			For Class 52 Rating, Deduct	*-500.14*	
			For Class 54 Rating, Add	*698.06*	
			For Class 55 Rating, Add	*1,046.02*	
			For Class 56 Rating, Add	*1,389.43*	
40 05 19 00-2960		EA	24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,393.47	885.78
			For Class 52 Rating, Deduct	*-555.65*	
			For Class 54 Rating, Add	*773.81*	
			For Class 55 Rating, Add	*1,158.67*	
			For Class 56 Rating, Add	*1,538.47*	
40 05 19 00-2961		EA	24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,902.71	888.79
			For Class 52 Rating, Deduct	*-611.16*	
			For Class 54 Rating, Add	*849.57*	
			For Class 55 Rating, Add	*1,271.32*	
			For Class 56 Rating, Add	*1,687.51*	
40 05 19 00-2962		EA	24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,411.93	891.81
			For Class 52 Rating, Deduct	*-666.68*	
			For Class 54 Rating, Add	*925.32*	
			For Class 55 Rating, Add	*1,383.97*	
			For Class 56 Rating, Add	*1,836.55*	
40 05 19 00-2963		EA	24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,921.15	894.83
			For Class 52 Rating, Deduct	*-722.19*	
			For Class 54 Rating, Add	*1,001.07*	
			For Class 55 Rating, Add	*1,496.61*	
			For Class 56 Rating, Add	*1,985.59*	
40 05 19 00-2964		EA	24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,430.39	897.84
			For Class 52 Rating, Deduct	*-777.70*	
			For Class 54 Rating, Add	*1,076.83*	
			For Class 55 Rating, Add	*1,609.27*	
			For Class 56 Rating, Add	*2,134.63*	
40 05 19 00-2965		EA	24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,939.61	900.85
			For Class 52 Rating, Deduct	*-833.22*	
			For Class 54 Rating, Add	*1,152.58*	
			For Class 55 Rating, Add	*1,721.91*	
			For Class 56 Rating, Add	*2,283.67*	
40 05 19 00-2966		EA	24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,448.83	903.86
			For Class 52 Rating, Deduct	*-888.73*	
			For Class 54 Rating, Add	*1,228.34*	
			For Class 55 Rating, Add	*1,834.56*	
			For Class 56 Rating, Add	*2,432.71*	
40 05 19 00-2967		EA	24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,958.06	906.87
			For Class 52 Rating, Deduct	*-944.24*	
			For Class 54 Rating, Add	*1,304.09*	
			For Class 55 Rating, Add	*1,947.21*	
			For Class 56 Rating, Add	*2,581.75*	
40 05 19 00-2968		EA	24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,467.28	909.89
			For Class 52 Rating, Deduct	*-999.75*	
			For Class 54 Rating, Add	*1,379.84*	
			For Class 55 Rating, Add	*2,059.86*	
			For Class 56 Rating, Add	*2,730.79*	
40 05 19 00-2969		EA	24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,976.52	912.90
			For Class 52 Rating, Deduct	*-1,055.27*	
			For Class 54 Rating, Add	*1,455.60*	
			For Class 55 Rating, Add	*2,172.51*	
			For Class 56 Rating, Add	*2,879.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2970	EA	24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,485.75	915.91
		For Class 52 Rating, Deduct	*-1,110.78*	
		For Class 54 Rating, Add	*1,531.35*	
		For Class 55 Rating, Add	*2,285.16*	
		For Class 56 Rating, Add	*3,028.87*	
40 05 19 00-2971	EA	24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,994.97	918.92
		For Class 52 Rating, Deduct	*-1,166.29*	
		For Class 54 Rating, Add	*1,607.11*	
		For Class 55 Rating, Add	*2,397.81*	
		For Class 56 Rating, Add	*3,177.91*	
40 05 19 00-2972	EA	24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,504.20	921.93
		For Class 52 Rating, Deduct	*-1,221.81*	
		For Class 54 Rating, Add	*1,682.86*	
		For Class 55 Rating, Add	*2,510.46*	
		For Class 56 Rating, Add	*3,326.95*	
40 05 19 00-2973	EA	24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,013.42	924.95
		For Class 52 Rating, Deduct	*-1,277.32*	
		For Class 54 Rating, Add	*1,758.61*	
		For Class 55 Rating, Add	*2,623.11*	
		For Class 56 Rating, Add	*3,475.99*	
40 05 19 00-2974	EA	24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,522.64	927.97
		For Class 52 Rating, Deduct	*-1,332.83*	
		For Class 54 Rating, Add	*1,834.37*	
		For Class 55 Rating, Add	*2,735.75*	
		For Class 56 Rating, Add	*3,625.02*	
40 05 19 00-2975	EA	24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,031.87	930.98
		For Class 52 Rating, Deduct	*-1,388.34*	
		For Class 54 Rating, Add	*1,910.12*	
		For Class 55 Rating, Add	*2,848.40*	
		For Class 56 Rating, Add	*3,774.06*	
40 05 19 00-2976	EA	24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,541.10	933.99
		For Class 52 Rating, Deduct	*-1,443.86*	
		For Class 54 Rating, Add	*1,985.88*	
		For Class 55 Rating, Add	*2,961.05*	
		For Class 56 Rating, Add	*3,923.11*	
40 05 19 00-2977	EA	24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,050.34	937.00
		For Class 52 Rating, Deduct	*-1,499.37*	
		For Class 54 Rating, Add	*2,061.63*	
		For Class 55 Rating, Add	*3,073.70*	
		For Class 56 Rating, Add	*4,072.15*	
40 05 19 00-2978	EA	24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,559.56	940.02
		For Class 52 Rating, Deduct	*-1,554.88*	
		For Class 54 Rating, Add	*2,137.38*	
		For Class 55 Rating, Add	*3,186.35*	
		For Class 56 Rating, Add	*4,221.18*	
40 05 19 00-2979	EA	24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,068.78	943.03
		For Class 52 Rating, Deduct	*-1,610.39*	
		For Class 54 Rating, Add	*2,213.14*	
		For Class 55 Rating, Add	*3,299.00*	
		For Class 56 Rating, Add	*4,370.22*	
40 05 19 00-2980	EA	24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,578.01	946.04
		For Class 52 Rating, Deduct	*-1,665.91*	
		For Class 54 Rating, Add	*2,288.89*	
		For Class 55 Rating, Add	*3,411.65*	
		For Class 56 Rating, Add	*4,519.26*	
40 05 19 00-2981	EA	24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,087.24	949.05
		For Class 52 Rating, Deduct	*-1,721.42*	
		For Class 54 Rating, Add	*2,364.65*	
		For Class 55 Rating, Add	*3,524.30*	
		For Class 56 Rating, Add	*4,668.30*	
40 05 19 00-2982	EA	24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,596.46	952.07
		For Class 52 Rating, Deduct	*-1,776.93*	
		For Class 54 Rating, Add	*2,440.40*	
		For Class 55 Rating, Add	*3,636.95*	
		For Class 56 Rating, Add	*4,817.34*	
40 05 19 00-2983	EA	24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,105.69	955.08
		For Class 52 Rating, Deduct	*-1,832.45*	
		For Class 54 Rating, Add	*2,516.16*	
		For Class 55 Rating, Add	*3,749.60*	
		For Class 56 Rating, Add	*4,966.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2984	EA	24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,614.91	958.09
		For Class 52 Rating, Deduct	*-1,887.96*	
		For Class 54 Rating, Add	*2,591.91*	
		For Class 55 Rating, Add	*3,862.25*	
		For Class 56 Rating, Add	*5,115.42*	
40 05 19 00-2985	EA	24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,124.14	961.10
		For Class 52 Rating, Deduct	*-1,943.47*	
		For Class 54 Rating, Add	*2,667.66*	
		For Class 55 Rating, Add	*3,974.90*	
		For Class 56 Rating, Add	*5,264.46*	
40 05 19 00-2986	EA	24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,633.37	964.11
		For Class 52 Rating, Deduct	*-1,998.98*	
		For Class 54 Rating, Add	*2,743.42*	
		For Class 55 Rating, Add	*4,087.54*	
		For Class 56 Rating, Add	*5,413.50*	
40 05 19 00-2987	EA	24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,220.21	1,018.35
		For Class 52 Rating, Deduct	*-2,054.50*	
		For Class 54 Rating, Add	*2,820.10*	
		For Class 55 Rating, Add	*4,202.06*	
		For Class 56 Rating, Add	*5,565.34*	
40 05 19 00-2988	EA	24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,729.43	1,021.36
		For Class 52 Rating, Deduct	*-2,110.01*	
		For Class 54 Rating, Add	*2,895.86*	
		For Class 55 Rating, Add	*4,314.71*	
		For Class 56 Rating, Add	*5,714.37*	
40 05 19 00-2989	EA	24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,238.65	1,024.38
		For Class 52 Rating, Deduct	*-2,165.52*	
		For Class 54 Rating, Add	*2,971.61*	
		For Class 55 Rating, Add	*4,427.36*	
		For Class 56 Rating, Add	*5,863.41*	
40 05 19 00-2990	EA	24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,747.88	1,027.39
		For Class 52 Rating, Deduct	*-2,221.04*	
		For Class 54 Rating, Add	*3,047.36*	
		For Class 55 Rating, Add	*4,540.00*	
		For Class 56 Rating, Add	*6,012.45*	
40 05 19 00-2991	EA	24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,257.10	1,030.40
		For Class 52 Rating, Deduct	*-2,276.55*	
		For Class 54 Rating, Add	*3,123.12*	
		For Class 55 Rating, Add	*4,652.65*	
		For Class 56 Rating, Add	*6,161.49*	
40 05 19 00-2992	EA	24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,763.95	1,033.41
		For Class 52 Rating, Deduct	*-2,331.80*	
		For Class 54 Rating, Add	*3,198.51*	
		For Class 55 Rating, Add	*4,764.77*	
		For Class 56 Rating, Add	*6,309.83*	
40 05 19 00-2993	EA	24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,275.57	1,036.42
		For Class 52 Rating, Deduct	*-2,387.57*	
		For Class 54 Rating, Add	*3,274.63*	
		For Class 55 Rating, Add	*4,877.95*	
		For Class 56 Rating, Add	*6,459.57*	
40 05 19 00-2994	EA	24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,784.79	1,039.44
		For Class 52 Rating, Deduct	*-2,443.09*	
		For Class 54 Rating, Add	*3,350.38*	
		For Class 55 Rating, Add	*4,990.60*	
		For Class 56 Rating, Add	*6,608.61*	
40 05 19 00-2995	EA	24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,294.02	1,042.46
		For Class 52 Rating, Deduct	*-2,498.60*	
		For Class 54 Rating, Add	*3,426.13*	
		For Class 55 Rating, Add	*5,103.25*	
		For Class 56 Rating, Add	*6,757.65*	
40 05 19 00-2996		30" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*		
40 05 19 00-2997	EA	30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,246.16	1,241.30
		For Class 52 Rating, Deduct	*-700.19*	
		For Class 54 Rating, Add	*977.38*	
		For Class 55 Rating, Add	*1,464.62*	
		For Class 56 Rating, Add	*1,945.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2998	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,974.40	1,244.32
		For Class 52 Rating, Deduct	*-779.80*	
		For Class 54 Rating, Add	*1,085.98*	
		For Class 55 Rating, Add	*1,626.11*	
		For Class 56 Rating, Add	*2,159.15*	
40 05 19 00-2999	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,702.63	1,247.33
		For Class 52 Rating, Deduct	*-859.40*	
		For Class 54 Rating, Add	*1,194.59*	
		For Class 55 Rating, Add	*1,787.60*	
		For Class 56 Rating, Add	*2,372.79*	
40 05 19 00-3000	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,430.86	1,250.34
		For Class 52 Rating, Deduct	*-939.00*	
		For Class 54 Rating, Add	*1,303.19*	
		For Class 55 Rating, Add	*1,949.08*	
		For Class 56 Rating, Add	*2,586.44*	
40 05 19 00-3001	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,159.09	1,253.35
		For Class 52 Rating, Deduct	*-1,018.61*	
		For Class 54 Rating, Add	*1,411.80*	
		For Class 55 Rating, Add	*2,110.57*	
		For Class 56 Rating, Add	*2,800.09*	
40 05 19 00-3002	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,887.31	1,256.36
		For Class 52 Rating, Deduct	*-1,098.21*	
		For Class 54 Rating, Add	*1,520.40*	
		For Class 55 Rating, Add	*2,272.06*	
		For Class 56 Rating, Add	*3,013.73*	
40 05 19 00-3003	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,615.55	1,259.38
		For Class 52 Rating, Deduct	*-1,177.81*	
		For Class 54 Rating, Add	*1,629.01*	
		For Class 55 Rating, Add	*2,433.55*	
		For Class 56 Rating, Add	*3,227.38*	
40 05 19 00-3004	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,343.78	1,262.39
		For Class 52 Rating, Deduct	*-1,257.42*	
		For Class 54 Rating, Add	*1,737.61*	
		For Class 55 Rating, Add	*2,595.03*	
		For Class 56 Rating, Add	*3,441.02*	
40 05 19 00-3005	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,072.01	1,265.40
		For Class 52 Rating, Deduct	*-1,337.02*	
		For Class 54 Rating, Add	*1,846.22*	
		For Class 55 Rating, Add	*2,756.52*	
		For Class 56 Rating, Add	*3,654.67*	
40 05 19 00-3006	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,800.25	1,268.42
		For Class 52 Rating, Deduct	*-1,416.62*	
		For Class 54 Rating, Add	*1,954.82*	
		For Class 55 Rating, Add	*2,918.01*	
		For Class 56 Rating, Add	*3,868.31*	
40 05 19 00-3007	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,528.47	1,271.44
		For Class 52 Rating, Deduct	*-1,496.23*	
		For Class 54 Rating, Add	*2,063.43*	
		For Class 55 Rating, Add	*3,079.49*	
		For Class 56 Rating, Add	*4,081.96*	
40 05 19 00-3008	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,256.71	1,274.45
		For Class 52 Rating, Deduct	*-1,575.83*	
		For Class 54 Rating, Add	*2,172.03*	
		For Class 55 Rating, Add	*3,240.98*	
		For Class 56 Rating, Add	*4,295.61*	
40 05 19 00-3009	EA	30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,984.93	1,277.46
		For Class 52 Rating, Deduct	*-1,655.43*	
		For Class 54 Rating, Add	*2,280.63*	
		For Class 55 Rating, Add	*3,402.47*	
		For Class 56 Rating, Add	*4,509.25*	
40 05 19 00-3010	EA	30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,713.16	1,280.47
		For Class 52 Rating, Deduct	*-1,735.04*	
		For Class 54 Rating, Add	*2,389.24*	
		For Class 55 Rating, Add	*3,563.95*	
		For Class 56 Rating, Add	*4,722.90*	
40 05 19 00-3011	EA	30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,441.40	1,283.48
		For Class 52 Rating, Deduct	*-1,814.64*	
		For Class 54 Rating, Add	*2,497.85*	
		For Class 55 Rating, Add	*3,725.44*	
		For Class 56 Rating, Add	*4,936.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3012	EA	30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,169.63	1,286.50
		For Class 52 Rating, Deduct	*-1,894.24*	
		For Class 54 Rating, Add	*2,606.45*	
		For Class 55 Rating, Add	*3,886.93*	
		For Class 56 Rating, Add	*5,150.19*	
40 05 19 00-3013	EA	30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,897.86	1,289.51
		For Class 52 Rating, Deduct	*-1,973.85*	
		For Class 54 Rating, Add	*2,715.05*	
		For Class 55 Rating, Add	*4,048.42*	
		For Class 56 Rating, Add	*5,363.83*	
40 05 19 00-3014	EA	30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,626.09	1,292.52
		For Class 52 Rating, Deduct	*-2,053.45*	
		For Class 54 Rating, Add	*2,823.66*	
		For Class 55 Rating, Add	*4,209.90*	
		For Class 56 Rating, Add	*5,577.48*	
40 05 19 00-3015	EA	30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,354.32	1,295.53
		For Class 52 Rating, Deduct	*-2,133.05*	
		For Class 54 Rating, Add	*2,932.26*	
		For Class 55 Rating, Add	*4,371.39*	
		For Class 56 Rating, Add	*5,791.13*	
40 05 19 00-3016	EA	30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,082.56	1,298.54
		For Class 52 Rating, Deduct	*-2,212.66*	
		For Class 54 Rating, Add	*3,040.87*	
		For Class 55 Rating, Add	*4,532.88*	
		For Class 56 Rating, Add	*6,004.77*	
40 05 19 00-3017	EA	30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,810.78	1,301.56
		For Class 52 Rating, Deduct	*-2,292.26*	
		For Class 54 Rating, Add	*3,149.47*	
		For Class 55 Rating, Add	*4,694.36*	
		For Class 56 Rating, Add	*6,218.42*	
40 05 19 00-3018	EA	30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,539.01	1,304.57
		For Class 52 Rating, Deduct	*-2,371.86*	
		For Class 54 Rating, Add	*3,258.08*	
		For Class 55 Rating, Add	*4,855.85*	
		For Class 56 Rating, Add	*6,432.06*	
40 05 19 00-3019	EA	30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,267.24	1,307.59
		For Class 52 Rating, Deduct	*-2,451.47*	
		For Class 54 Rating, Add	*3,366.68*	
		For Class 55 Rating, Add	*5,017.34*	
		For Class 56 Rating, Add	*6,645.71*	
40 05 19 00-3020	EA	30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,995.47	1,310.60
		For Class 52 Rating, Deduct	*-2,531.07*	
		For Class 54 Rating, Add	*3,475.29*	
		For Class 55 Rating, Add	*5,178.83*	
		For Class 56 Rating, Add	*6,859.35*	
40 05 19 00-3021	EA	30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,723.71	1,313.61
		For Class 52 Rating, Deduct	*-2,610.67*	
		For Class 54 Rating, Add	*3,583.89*	
		For Class 55 Rating, Add	*5,340.31*	
		For Class 56 Rating, Add	*7,073.00*	
40 05 19 00-3022	EA	30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,451.94	1,316.63
		For Class 52 Rating, Deduct	*-2,690.28*	
		For Class 54 Rating, Add	*3,692.50*	
		For Class 55 Rating, Add	*5,501.80*	
		For Class 56 Rating, Add	*7,286.65*	
40 05 19 00-3023	EA	30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,180.17	1,319.64
		For Class 52 Rating, Deduct	*-2,769.88*	
		For Class 54 Rating, Add	*3,801.10*	
		For Class 55 Rating, Add	*5,663.29*	
		For Class 56 Rating, Add	*7,500.29*	
40 05 19 00-3024	EA	30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,908.40	1,322.65
		For Class 52 Rating, Deduct	*-2,849.48*	
		For Class 54 Rating, Add	*3,909.71*	
		For Class 55 Rating, Add	*5,824.77*	
		For Class 56 Rating, Add	*7,713.94*	
40 05 19 00-3025	EA	30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,636.63	1,325.66
		For Class 52 Rating, Deduct	*-2,929.09*	
		For Class 54 Rating, Add	*4,018.31*	
		For Class 55 Rating, Add	*5,986.26*	
		For Class 56 Rating, Add	*7,927.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3026	EA	30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,364.86	1,328.67
		For Class 52 Rating, Deduct	*-3,008.69*	
		For Class 54 Rating, Add	*4,126.92*	
		For Class 55 Rating, Add	*6,147.75*	
		For Class 56 Rating, Add	*8,141.23*	
40 05 19 00-3027	EA	30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,093.09	1,331.69
		For Class 52 Rating, Deduct	*-3,088.29*	
		For Class 54 Rating, Add	*4,235.52*	
		For Class 55 Rating, Add	*6,309.23*	
		For Class 56 Rating, Add	*8,354.87*	
40 05 19 00-3028	EA	30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,821.32	1,334.70
		For Class 52 Rating, Deduct	*-3,167.90*	
		For Class 54 Rating, Add	*4,344.12*	
		For Class 55 Rating, Add	*6,470.72*	
		For Class 56 Rating, Add	*8,568.52*	
40 05 19 00-3029	EA	30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,549.55	1,337.71
		For Class 52 Rating, Deduct	*-3,247.50*	
		For Class 54 Rating, Add	*4,452.73*	
		For Class 55 Rating, Add	*6,632.21*	
		For Class 56 Rating, Add	*8,782.17*	
40 05 19 00-3030	EA	30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,277.79	1,340.72
		For Class 52 Rating, Deduct	*-3,327.10*	
		For Class 54 Rating, Add	*4,561.33*	
		For Class 55 Rating, Add	*6,793.70*	
		For Class 56 Rating, Add	*8,995.81*	
40 05 19 00-3031	EA	30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,006.01	1,343.74
		For Class 52 Rating, Deduct	*-3,406.70*	
		For Class 54 Rating, Add	*4,669.94*	
		For Class 55 Rating, Add	*6,955.18*	
		For Class 56 Rating, Add	*9,209.46*	

40 05 19 00-3032 36" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-3033	EA	36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,383.50	1,572.72
		For Class 52 Rating, Deduct	*-990.06*	
		For Class 54 Rating, Add	*1,378.68*	
		For Class 55 Rating, Add	*2,064.32*	
		For Class 56 Rating, Add	*2,740.96*	
40 05 19 00-3034	EA	36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,359.30	1,575.73
		For Class 52 Rating, Deduct	*-1,096.90*	
		For Class 54 Rating, Add	*1,524.42*	
		For Class 55 Rating, Add	*2,281.02*	
		For Class 56 Rating, Add	*3,027.64*	
40 05 19 00-3035	EA	36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,335.10	1,578.75
		For Class 52 Rating, Deduct	*-1,203.74*	
		For Class 54 Rating, Add	*1,670.16*	
		For Class 55 Rating, Add	*2,497.71*	
		For Class 56 Rating, Add	*3,314.32*	
40 05 19 00-3036	EA	36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,310.90	1,581.76
		For Class 52 Rating, Deduct	*-1,310.57*	
		For Class 54 Rating, Add	*1,815.90*	
		For Class 55 Rating, Add	*2,714.41*	
		For Class 56 Rating, Add	*3,601.00*	
40 05 19 00-3037	EA	36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,286.70	1,584.77
		For Class 52 Rating, Deduct	*-1,417.41*	
		For Class 54 Rating, Add	*1,961.64*	
		For Class 55 Rating, Add	*2,931.10*	
		For Class 56 Rating, Add	*3,887.68*	
40 05 19 00-3038	EA	36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,262.51	1,587.78
		For Class 52 Rating, Deduct	*-1,524.24*	
		For Class 54 Rating, Add	*2,107.38*	
		For Class 55 Rating, Add	*3,147.80*	
		For Class 56 Rating, Add	*4,174.35*	
40 05 19 00-3039	EA	36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,238.31	1,590.80
		For Class 52 Rating, Deduct	*-1,631.08*	
		For Class 54 Rating, Add	*2,253.13*	
		For Class 55 Rating, Add	*3,364.49*	
		For Class 56 Rating, Add	*4,461.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3040	EA	36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,214.11	1,593.81
		For Class 52 Rating, Deduct	*-1,737.92*	
		For Class 54 Rating, Add	*2,398.87*	
		For Class 55 Rating, Add	*3,581.19*	
		For Class 56 Rating, Add	*4,747.71*	
40 05 19 00-3041	EA	36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,189.91	1,596.82
		For Class 52 Rating, Deduct	*-1,844.75*	
		For Class 54 Rating, Add	*2,544.61*	
		For Class 55 Rating, Add	*3,797.88*	
		For Class 56 Rating, Add	*5,034.39*	
40 05 19 00-3042	EA	36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,165.71	1,599.83
		For Class 52 Rating, Deduct	*-1,951.59*	
		For Class 54 Rating, Add	*2,690.35*	
		For Class 55 Rating, Add	*4,014.58*	
		For Class 56 Rating, Add	*5,321.07*	
40 05 19 00-3043	EA	36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,141.50	1,602.84
		For Class 52 Rating, Deduct	*-2,058.42*	
		For Class 54 Rating, Add	*2,836.09*	
		For Class 55 Rating, Add	*4,231.27*	
		For Class 56 Rating, Add	*5,607.75*	
40 05 19 00-3044	EA	36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,117.31	1,605.86
		For Class 52 Rating, Deduct	*-2,165.26*	
		For Class 54 Rating, Add	*2,981.83*	
		For Class 55 Rating, Add	*4,447.97*	
		For Class 56 Rating, Add	*5,894.43*	
40 05 19 00-3045	EA	36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,093.10	1,608.88
		For Class 52 Rating, Deduct	*-2,272.10*	
		For Class 54 Rating, Add	*3,127.57*	
		For Class 55 Rating, Add	*4,664.66*	
		For Class 56 Rating, Add	*6,181.11*	
40 05 19 00-3046	EA	36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,068.92	1,611.89
		For Class 52 Rating, Deduct	*-2,378.93*	
		For Class 54 Rating, Add	*3,273.31*	
		For Class 55 Rating, Add	*4,881.36*	
		For Class 56 Rating, Add	*6,467.79*	
40 05 19 00-3047	EA	36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,044.72	1,614.90
		For Class 52 Rating, Deduct	*-2,485.77*	
		For Class 54 Rating, Add	*3,419.05*	
		For Class 55 Rating, Add	*5,098.06*	
		For Class 56 Rating, Add	*6,754.47*	
40 05 19 00-3048	EA	36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,020.51	1,617.91
		For Class 52 Rating, Deduct	*-2,592.60*	
		For Class 54 Rating, Add	*3,564.79*	
		For Class 55 Rating, Add	*5,314.75*	
		For Class 56 Rating, Add	*7,041.14*	
40 05 19 00-3049	EA	36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,996.32	1,620.93
		For Class 52 Rating, Deduct	*-2,699.44*	
		For Class 54 Rating, Add	*3,710.53*	
		For Class 55 Rating, Add	*5,531.45*	
		For Class 56 Rating, Add	*7,327.82*	
40 05 19 00-3050	EA	36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,972.11	1,623.94
		For Class 52 Rating, Deduct	*-2,806.28*	
		For Class 54 Rating, Add	*3,856.27*	
		For Class 55 Rating, Add	*5,748.14*	
		For Class 56 Rating, Add	*7,614.50*	
40 05 19 00-3051	EA	36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,947.91	1,626.95
		For Class 52 Rating, Deduct	*-2,913.11*	
		For Class 54 Rating, Add	*4,002.01*	
		For Class 55 Rating, Add	*5,964.84*	
		For Class 56 Rating, Add	*7,901.18*	
40 05 19 00-3052	EA	36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,923.72	1,629.96
		For Class 52 Rating, Deduct	*-3,019.95*	
		For Class 54 Rating, Add	*4,147.75*	
		For Class 55 Rating, Add	*6,181.53*	
		For Class 56 Rating, Add	*8,187.86*	
40 05 19 00-3053	EA	36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,899.51	1,632.97
		For Class 52 Rating, Deduct	*-3,126.78*	
		For Class 54 Rating, Add	*4,293.49*	
		For Class 55 Rating, Add	*6,398.22*	
		For Class 56 Rating, Add	*8,474.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3054	EA	36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,875.33	1,635.99
		For Class 52 Rating, Deduct	*-3,233.62*	
		For Class 54 Rating, Add	*4,439.23*	
		For Class 55 Rating, Add	*6,614.92*	
		For Class 56 Rating, Add	*8,761.22*	
40 05 19 00-3055	EA	36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,851.12	1,639.00
		For Class 52 Rating, Deduct	*-3,340.46*	
		For Class 54 Rating, Add	*4,584.97*	
		For Class 55 Rating, Add	*6,831.62*	
		For Class 56 Rating, Add	*9,047.90*	
40 05 19 00-3056	EA	36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,826.92	1,642.01
		For Class 52 Rating, Deduct	*-3,447.29*	
		For Class 54 Rating, Add	*4,730.71*	
		For Class 55 Rating, Add	*7,048.31*	
		For Class 56 Rating, Add	*9,334.58*	
40 05 19 00-3057	EA	36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,802.73	1,645.02
		For Class 52 Rating, Deduct	*-3,554.13*	
		For Class 54 Rating, Add	*4,876.45*	
		For Class 55 Rating, Add	*7,265.01*	
		For Class 56 Rating, Add	*9,621.26*	
40 05 19 00-3058	EA	36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,778.52	1,648.04
		For Class 52 Rating, Deduct	*-3,660.96*	
		For Class 54 Rating, Add	*5,022.19*	
		For Class 55 Rating, Add	*7,481.70*	
		For Class 56 Rating, Add	*9,907.93*	
40 05 19 00-3059	EA	36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,754.32	1,651.06
		For Class 52 Rating, Deduct	*-3,767.80*	
		For Class 54 Rating, Add	*5,167.93*	
		For Class 55 Rating, Add	*7,698.40*	
		For Class 56 Rating, Add	*10,194.61*	
40 05 19 00-3060	EA	36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,730.12	1,654.07
		For Class 52 Rating, Deduct	*-3,874.64*	
		For Class 54 Rating, Add	*5,313.67*	
		For Class 55 Rating, Add	*7,915.09*	
		For Class 56 Rating, Add	*10,481.29*	
40 05 19 00-3061	EA	36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,705.92	1,657.08
		For Class 52 Rating, Deduct	*-3,981.47*	
		For Class 54 Rating, Add	*5,459.41*	
		For Class 55 Rating, Add	*8,131.79*	
		For Class 56 Rating, Add	*10,767.97*	
40 05 19 00-3062	EA	36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,681.72	1,660.09
		For Class 52 Rating, Deduct	*-4,088.31*	
		For Class 54 Rating, Add	*5,605.15*	
		For Class 55 Rating, Add	*8,348.48*	
		For Class 56 Rating, Add	*11,054.65*	
40 05 19 00-3063	EA	36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,657.53	1,663.10
		For Class 52 Rating, Deduct	*-4,195.14*	
		For Class 54 Rating, Add	*5,750.89*	
		For Class 55 Rating, Add	*8,565.18*	
		For Class 56 Rating, Add	*11,341.33*	
40 05 19 00-3064	EA	36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,633.33	1,666.12
		For Class 52 Rating, Deduct	*-4,301.98*	
		For Class 54 Rating, Add	*5,896.63*	
		For Class 55 Rating, Add	*8,781.87*	
		For Class 56 Rating, Add	*11,628.01*	
40 05 19 00-3065	EA	36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,609.13	1,669.13
		For Class 52 Rating, Deduct	*-4,408.82*	
		For Class 54 Rating, Add	*6,042.37*	
		For Class 55 Rating, Add	*8,998.57*	
		For Class 56 Rating, Add	*11,914.68*	
40 05 19 00-3066	EA	36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,584.93	1,672.14
		For Class 52 Rating, Deduct	*-4,515.65*	
		For Class 54 Rating, Add	*6,188.11*	
		For Class 55 Rating, Add	*9,215.26*	
		For Class 56 Rating, Add	*12,201.36*	
40 05 19 00-3067	EA	36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,560.72	1,675.15
		For Class 52 Rating, Deduct	*-4,622.49*	
		For Class 54 Rating, Add	*6,333.85*	
		For Class 55 Rating, Add	*9,431.96*	
		For Class 56 Rating, Add	*12,488.04*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3068		Flanged End x Plain End (FxPE), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2059)*		
40 05 19 00-3069		4" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*		
40 05 19 00-3070	EA	4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	625.55	147.35
		For Class 52 Rating, Deduct	*-44.25*	
		For Class 54 Rating, Add	*63.02*	
		For Class 55 Rating, Add	*95.07*	
		For Class 56 Rating, Add	*126.72*	
40 05 19 00-3071	EA	4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	719.91	149.92
		For Class 52 Rating, Deduct	*-54.20*	
		For Class 54 Rating, Add	*76.64*	
		For Class 55 Rating, Add	*115.34*	
		For Class 56 Rating, Add	*153.54*	
40 05 19 00-3072	EA	4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	814.28	152.50
		For Class 52 Rating, Deduct	*-64.15*	
		For Class 54 Rating, Add	*90.26*	
		For Class 55 Rating, Add	*135.60*	
		For Class 56 Rating, Add	*180.37*	
40 05 19 00-3073	EA	4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	908.64	155.08
		For Class 52 Rating, Deduct	*-74.10*	
		For Class 54 Rating, Add	*103.87*	
		For Class 55 Rating, Add	*155.87*	
		For Class 56 Rating, Add	*207.19*	
40 05 19 00-3074	EA	4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,003.00	157.65
		For Class 52 Rating, Deduct	*-84.05*	
		For Class 54 Rating, Add	*117.49*	
		For Class 55 Rating, Add	*176.13*	
		For Class 56 Rating, Add	*234.02*	
40 05 19 00-3075	EA	4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,097.35	160.23
		For Class 52 Rating, Deduct	*-94.00*	
		For Class 54 Rating, Add	*131.10*	
		For Class 55 Rating, Add	*196.40*	
		For Class 56 Rating, Add	*260.84*	
40 05 19 00-3076	EA	4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,191.71	162.81
		For Class 52 Rating, Deduct	*-103.96*	
		For Class 54 Rating, Add	*144.72*	
		For Class 55 Rating, Add	*216.67*	
		For Class 56 Rating, Add	*287.67*	
40 05 19 00-3077	EA	4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,286.08	165.38
		For Class 52 Rating, Deduct	*-113.91*	
		For Class 54 Rating, Add	*158.33*	
		For Class 55 Rating, Add	*236.93*	
		For Class 56 Rating, Add	*314.50*	
40 05 19 00-3078	EA	4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,380.44	167.96
		For Class 52 Rating, Deduct	*-123.86*	
		For Class 54 Rating, Add	*171.95*	
		For Class 55 Rating, Add	*257.20*	
		For Class 56 Rating, Add	*341.32*	
40 05 19 00-3079	EA	4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,474.81	170.53
		For Class 52 Rating, Deduct	*-133.81*	
		For Class 54 Rating, Add	*185.57*	
		For Class 55 Rating, Add	*277.47*	
		For Class 56 Rating, Add	*368.15*	
40 05 19 00-3080	EA	4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,569.16	173.11
		For Class 52 Rating, Deduct	*-143.76*	
		For Class 54 Rating, Add	*199.18*	
		For Class 55 Rating, Add	*297.73*	
		For Class 56 Rating, Add	*394.97*	
40 05 19 00-3081	EA	4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,663.53	175.68
		For Class 52 Rating, Deduct	*-153.71*	
		For Class 54 Rating, Add	*212.80*	
		For Class 55 Rating, Add	*318.00*	
		For Class 56 Rating, Add	*421.80*	
40 05 19 00-3082	EA	4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,757.88	178.26
		For Class 52 Rating, Deduct	*-163.66*	
		For Class 54 Rating, Add	*226.41*	
		For Class 55 Rating, Add	*338.26*	
		For Class 56 Rating, Add	*448.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3083	EA	4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,852.25	180.85
		For Class 52 Rating, Deduct	*-173.61*	
		For Class 54 Rating, Add	*240.03*	
		For Class 55 Rating, Add	*358.53*	
		For Class 56 Rating, Add	*475.45*	
40 05 19 00-3084	EA	4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,946.61	183.41
		For Class 52 Rating, Deduct	*-183.56*	
		For Class 54 Rating, Add	*253.64*	
		For Class 55 Rating, Add	*378.79*	
		For Class 56 Rating, Add	*502.28*	
40 05 19 00-3085	EA	4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,040.97	185.99
		For Class 52 Rating, Deduct	*-193.51*	
		For Class 54 Rating, Add	*267.26*	
		For Class 55 Rating, Add	*399.06*	
		For Class 56 Rating, Add	*529.10*	
40 05 19 00-3086	EA	4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,135.33	188.56
		For Class 52 Rating, Deduct	*-203.46*	
		For Class 54 Rating, Add	*280.87*	
		For Class 55 Rating, Add	*419.32*	
		For Class 56 Rating, Add	*555.93*	
40 05 19 00-3087	EA	4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,229.69	191.14
		For Class 52 Rating, Deduct	*-213.41*	
		For Class 54 Rating, Add	*294.49*	
		For Class 55 Rating, Add	*439.59*	
		For Class 56 Rating, Add	*582.75*	
40 05 19 00-3088	EA	4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,324.06	193.72
		For Class 52 Rating, Deduct	*-223.36*	
		For Class 54 Rating, Add	*308.10*	
		For Class 55 Rating, Add	*459.86*	
		For Class 56 Rating, Add	*609.58*	
40 05 19 00-3089	EA	4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,418.41	196.29
		For Class 52 Rating, Deduct	*-233.31*	
		For Class 54 Rating, Add	*321.72*	
		For Class 55 Rating, Add	*480.12*	
		For Class 56 Rating, Add	*636.40*	
40 05 19 00-3090	EA	4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,512.78	198.88
		For Class 52 Rating, Deduct	*-243.26*	
		For Class 54 Rating, Add	*335.34*	
		For Class 55 Rating, Add	*500.39*	
		For Class 56 Rating, Add	*663.23*	
40 05 19 00-3091	EA	4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,607.13	201.44
		For Class 52 Rating, Deduct	*-253.21*	
		For Class 54 Rating, Add	*348.95*	
		For Class 55 Rating, Add	*520.65*	
		For Class 56 Rating, Add	*690.05*	
40 05 19 00-3092	EA	4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,701.50	204.02
		For Class 52 Rating, Deduct	*-263.16*	
		For Class 54 Rating, Add	*362.57*	
		For Class 55 Rating, Add	*540.92*	
		For Class 56 Rating, Add	*716.88*	
40 05 19 00-3093	EA	4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,795.86	206.60
		For Class 52 Rating, Deduct	*-273.11*	
		For Class 54 Rating, Add	*376.18*	
		For Class 55 Rating, Add	*561.19*	
		For Class 56 Rating, Add	*743.71*	
40 05 19 00-3094	EA	4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,123.52	209.17
		For Class 52 Rating, Deduct	*-308.72*	
		For Class 54 Rating, Add	*424.79*	
		For Class 55 Rating, Add	*633.48*	
		For Class 56 Rating, Add	*839.35*	
40 05 19 00-3095	EA	4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,217.86	211.75
		For Class 52 Rating, Deduct	*-318.67*	
		For Class 54 Rating, Add	*438.41*	
		For Class 55 Rating, Add	*653.74*	
		For Class 56 Rating, Add	*866.18*	
40 05 19 00-3096	EA	4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,312.22	214.32
		For Class 52 Rating, Deduct	*-328.63*	
		For Class 54 Rating, Add	*452.02*	
		For Class 55 Rating, Add	*674.01*	
		For Class 56 Rating, Add	*893.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3097	EA	4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,406.59	216.90
		For Class 52 Rating, Deduct	*-338.58*	
		For Class 54 Rating, Add	*465.64*	
		For Class 55 Rating, Add	*694.27*	
		For Class 56 Rating, Add	*919.83*	
40 05 19 00-3098	EA	4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,500.95	219.47
		For Class 52 Rating, Deduct	*-348.53*	
		For Class 54 Rating, Add	*479.25*	
		For Class 55 Rating, Add	*714.54*	
		For Class 56 Rating, Add	*946.65*	
40 05 19 00-3099	EA	4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,595.32	222.05
		For Class 52 Rating, Deduct	*-358.48*	
		For Class 54 Rating, Add	*492.87*	
		For Class 55 Rating, Add	*734.80*	
		For Class 56 Rating, Add	*973.48*	
40 05 19 00-3100	EA	4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,689.68	224.63
		For Class 52 Rating, Deduct	*-368.43*	
		For Class 54 Rating, Add	*506.49*	
		For Class 55 Rating, Add	*755.07*	
		For Class 56 Rating, Add	*1,000.31*	
40 05 19 00-3101	EA	4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,784.04	227.21
		For Class 52 Rating, Deduct	*-378.38*	
		For Class 54 Rating, Add	*520.10*	
		For Class 55 Rating, Add	*775.34*	
		For Class 56 Rating, Add	*1,027.13*	
40 05 19 00-3102	EA	4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,878.39	229.78
		For Class 52 Rating, Deduct	*-388.33*	
		For Class 54 Rating, Add	*533.72*	
		For Class 55 Rating, Add	*795.60*	
		For Class 56 Rating, Add	*1,053.96*	
40 05 19 00-3103	EA	4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,972.76	232.35
		For Class 52 Rating, Deduct	*-398.28*	
		For Class 54 Rating, Add	*547.33*	
		For Class 55 Rating, Add	*815.87*	
		For Class 56 Rating, Add	*1,080.78*	
40 05 19 00-3104	EA	4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,067.12	234.93
		For Class 52 Rating, Deduct	*-408.23*	
		For Class 54 Rating, Add	*560.95*	
		For Class 55 Rating, Add	*836.13*	
		For Class 56 Rating, Add	*1,107.61*	
40 05 19 00-3105	EA	4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,161.49	237.51
		For Class 52 Rating, Deduct	*-418.18*	
		For Class 54 Rating, Add	*574.56*	
		For Class 55 Rating, Add	*856.40*	
		For Class 56 Rating, Add	*1,134.44*	
40 05 19 00-3106	EA	4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,255.84	240.08
		For Class 52 Rating, Deduct	*-428.13*	
		For Class 54 Rating, Add	*588.18*	
		For Class 55 Rating, Add	*876.66*	
		For Class 56 Rating, Add	*1,161.26*	
40 05 19 00-3107	EA	4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,350.20	242.66
		For Class 52 Rating, Deduct	*-438.08*	
		For Class 54 Rating, Add	*601.79*	
		For Class 55 Rating, Add	*896.93*	
		For Class 56 Rating, Add	*1,188.09*	
40 05 19 00-3108	EA	4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,444.57	245.24
		For Class 52 Rating, Deduct	*-448.03*	
		For Class 54 Rating, Add	*615.41*	
		For Class 55 Rating, Add	*917.20*	
		For Class 56 Rating, Add	*1,214.91*	

40 05 19 00-3109 6" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

40 05 19 00-3110	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	769.01	185.47
		For Class 52 Rating, Deduct	*-53.68*	
		For Class 54 Rating, Add	*76.57*	
		For Class 55 Rating, Add	*115.57*	
		For Class 56 Rating, Add	*154.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3111	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	877.66	188.06
		For Class 52 Rating, Deduct	*-65.20*	
		For Class 54 Rating, Add	*92.33*	
		For Class 55 Rating, Add	*139.02*	
		For Class 56 Rating, Add	*185.12*	
40 05 19 00-3112	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	986.30	190.62
		For Class 52 Rating, Deduct	*-76.72*	
		For Class 54 Rating, Add	*108.09*	
		For Class 55 Rating, Add	*162.47*	
		For Class 56 Rating, Add	*216.15*	
40 05 19 00-3113	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,094.95	193.20
		For Class 52 Rating, Deduct	*-88.24*	
		For Class 54 Rating, Add	*123.85*	
		For Class 55 Rating, Add	*185.92*	
		For Class 56 Rating, Add	*247.19*	
40 05 19 00-3114	EA	6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,203.59	195.78
		For Class 52 Rating, Deduct	*-99.77*	
		For Class 54 Rating, Add	*139.60*	
		For Class 55 Rating, Add	*209.37*	
		For Class 56 Rating, Add	*278.23*	
40 05 19 00-3115	EA	6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,312.24	198.35
		For Class 52 Rating, Deduct	*-111.29*	
		For Class 54 Rating, Add	*155.36*	
		For Class 55 Rating, Add	*232.82*	
		For Class 56 Rating, Add	*309.27*	
40 05 19 00-3116	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,420.89	200.93
		For Class 52 Rating, Deduct	*-122.81*	
		For Class 54 Rating, Add	*171.12*	
		For Class 55 Rating, Add	*256.27*	
		For Class 56 Rating, Add	*340.31*	
40 05 19 00-3117	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,529.53	203.50
		For Class 52 Rating, Deduct	*-134.33*	
		For Class 54 Rating, Add	*186.88*	
		For Class 55 Rating, Add	*279.73*	
		For Class 56 Rating, Add	*371.35*	
40 05 19 00-3118	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,638.17	206.09
		For Class 52 Rating, Deduct	*-145.85*	
		For Class 54 Rating, Add	*202.64*	
		For Class 55 Rating, Add	*303.18*	
		For Class 56 Rating, Add	*402.39*	
40 05 19 00-3119	EA	6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,746.81	208.65
		For Class 52 Rating, Deduct	*-157.37*	
		For Class 54 Rating, Add	*218.39*	
		For Class 55 Rating, Add	*326.63*	
		For Class 56 Rating, Add	*433.43*	
40 05 19 00-3120	EA	6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,855.46	211.23
		For Class 52 Rating, Deduct	*-168.90*	
		For Class 54 Rating, Add	*234.15*	
		For Class 55 Rating, Add	*350.08*	
		For Class 56 Rating, Add	*464.47*	
40 05 19 00-3121	EA	6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,964.10	213.82
		For Class 52 Rating, Deduct	*-180.42*	
		For Class 54 Rating, Add	*249.91*	
		For Class 55 Rating, Add	*373.53*	
		For Class 56 Rating, Add	*495.51*	
40 05 19 00-3122	EA	6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,072.75	216.38
		For Class 52 Rating, Deduct	*-191.94*	
		For Class 54 Rating, Add	*265.67*	
		For Class 55 Rating, Add	*396.98*	
		For Class 56 Rating, Add	*526.55*	
40 05 19 00-3123	EA	6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,181.39	218.96
		For Class 52 Rating, Deduct	*-203.46*	
		For Class 54 Rating, Add	*281.43*	
		For Class 55 Rating, Add	*420.43*	
		For Class 56 Rating, Add	*557.58*	
40 05 19 00-3124	EA	6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,290.03	221.53
		For Class 52 Rating, Deduct	*-214.98*	
		For Class 54 Rating, Add	*297.18*	
		For Class 55 Rating, Add	*443.88*	
		For Class 56 Rating, Add	*588.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3125	EA	6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,398.68	224.12
		For Class 52 Rating, Deduct	*-226.50*	
		For Class 54 Rating, Add	*312.94*	
		For Class 55 Rating, Add	*467.33*	
		For Class 56 Rating, Add	*619.66*	
40 05 19 00-3126	EA	6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,507.33	226.69
		For Class 52 Rating, Deduct	*-238.02*	
		For Class 54 Rating, Add	*328.70*	
		For Class 55 Rating, Add	*490.78*	
		For Class 56 Rating, Add	*650.70*	
40 05 19 00-3127	EA	6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,615.97	229.26
		For Class 52 Rating, Deduct	*-249.55*	
		For Class 54 Rating, Add	*344.46*	
		For Class 55 Rating, Add	*514.23*	
		For Class 56 Rating, Add	*681.74*	
40 05 19 00-3128	EA	6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,724.62	231.85
		For Class 52 Rating, Deduct	*-261.07*	
		For Class 54 Rating, Add	*360.22*	
		For Class 55 Rating, Add	*537.69*	
		For Class 56 Rating, Add	*712.78*	
40 05 19 00-3129	EA	6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,833.26	234.42
		For Class 52 Rating, Deduct	*-272.59*	
		For Class 54 Rating, Add	*375.97*	
		For Class 55 Rating, Add	*561.14*	
		For Class 56 Rating, Add	*743.82*	
40 05 19 00-3130	EA	6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,941.89	236.99
		For Class 52 Rating, Deduct	*-284.11*	
		For Class 54 Rating, Add	*391.73*	
		For Class 55 Rating, Add	*584.59*	
		For Class 56 Rating, Add	*774.86*	
40 05 19 00-3131	EA	6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,050.54	239.57
		For Class 52 Rating, Deduct	*-295.63*	
		For Class 54 Rating, Add	*407.49*	
		For Class 55 Rating, Add	*608.04*	
		For Class 56 Rating, Add	*805.90*	
40 05 19 00-3132	EA	6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,159.18	242.15
		For Class 52 Rating, Deduct	*-307.15*	
		For Class 54 Rating, Add	*423.25*	
		For Class 55 Rating, Add	*631.49*	
		For Class 56 Rating, Add	*836.94*	
40 05 19 00-3133	EA	6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,267.83	244.72
		For Class 52 Rating, Deduct	*-318.67*	
		For Class 54 Rating, Add	*439.01*	
		For Class 55 Rating, Add	*654.94*	
		For Class 56 Rating, Add	*867.98*	
40 05 19 00-3134	EA	6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,376.48	247.29
		For Class 52 Rating, Deduct	*-330.20*	
		For Class 54 Rating, Add	*454.76*	
		For Class 55 Rating, Add	*678.39*	
		For Class 56 Rating, Add	*899.02*	
40 05 19 00-3135	EA	6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,485.13	249.87
		For Class 52 Rating, Deduct	*-341.72*	
		For Class 54 Rating, Add	*470.52*	
		For Class 55 Rating, Add	*701.84*	
		For Class 56 Rating, Add	*930.06*	
40 05 19 00-3136	EA	6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,593.77	252.46
		For Class 52 Rating, Deduct	*-353.24*	
		For Class 54 Rating, Add	*486.28*	
		For Class 55 Rating, Add	*725.29*	
		For Class 56 Rating, Add	*961.09*	
40 05 19 00-3137	EA	6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,702.41	255.02
		For Class 52 Rating, Deduct	*-364.76*	
		For Class 54 Rating, Add	*502.04*	
		For Class 55 Rating, Add	*748.74*	
		For Class 56 Rating, Add	*992.13*	
40 05 19 00-3138	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,811.05	257.60
		For Class 52 Rating, Deduct	*-376.28*	
		For Class 54 Rating, Add	*517.80*	
		For Class 55 Rating, Add	*772.19*	
		For Class 56 Rating, Add	*1,023.17*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3139	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,919.69	260.18
		For Class 52 Rating, Deduct	*-387.80*	
		For Class 54 Rating, Add	*533.55*	
		For Class 55 Rating, Add	*795.65*	
		For Class 56 Rating, Add	*1,054.21*	
40 05 19 00-3140	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,028.34	262.75
		For Class 52 Rating, Deduct	*-399.33*	
		For Class 54 Rating, Add	*549.31*	
		For Class 55 Rating, Add	*819.10*	
		For Class 56 Rating, Add	*1,085.25*	
40 05 19 00-3141	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,136.98	265.33
		For Class 52 Rating, Deduct	*-410.85*	
		For Class 54 Rating, Add	*565.07*	
		For Class 55 Rating, Add	*842.55*	
		For Class 56 Rating, Add	*1,116.29*	
40 05 19 00-3142	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,245.63	267.90
		For Class 52 Rating, Deduct	*-422.37*	
		For Class 54 Rating, Add	*580.83*	
		For Class 55 Rating, Add	*866.00*	
		For Class 56 Rating, Add	*1,147.33*	
40 05 19 00-3143	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,354.28	270.49
		For Class 52 Rating, Deduct	*-433.89*	
		For Class 54 Rating, Add	*596.59*	
		For Class 55 Rating, Add	*889.45*	
		For Class 56 Rating, Add	*1,178.37*	
40 05 19 00-3144	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,462.92	273.05
		For Class 52 Rating, Deduct	*-445.41*	
		For Class 54 Rating, Add	*612.34*	
		For Class 55 Rating, Add	*912.90*	
		For Class 56 Rating, Add	*1,209.41*	
40 05 19 00-3145	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,571.56	275.63
		For Class 52 Rating, Deduct	*-456.93*	
		For Class 54 Rating, Add	*628.10*	
		For Class 55 Rating, Add	*936.35*	
		For Class 56 Rating, Add	*1,240.45*	
40 05 19 00-3146	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,680.21	278.22
		For Class 52 Rating, Deduct	*-468.45*	
		For Class 54 Rating, Add	*643.86*	
		For Class 55 Rating, Add	*959.80*	
		For Class 56 Rating, Add	*1,271.49*	
40 05 19 00-3147	EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,788.85	280.78
		For Class 52 Rating, Deduct	*-479.98*	
		For Class 54 Rating, Add	*659.62*	
		For Class 55 Rating, Add	*983.25*	
		For Class 56 Rating, Add	*1,302.52*	
40 05 19 00-3148	EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,897.50	283.36
		For Class 52 Rating, Deduct	*-491.50*	
		For Class 54 Rating, Add	*675.38*	
		For Class 55 Rating, Add	*1,006.70*	
		For Class 56 Rating, Add	*1,333.56*	
40 05 19 00-3149		8" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*		
40 05 19 00-3150	EA	8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,047.03	236.99
		For Class 52 Rating, Deduct	*-75.68*	
		For Class 54 Rating, Add	*107.50*	
		For Class 55 Rating, Add	*162.03*	
		For Class 56 Rating, Add	*215.87*	
40 05 19 00-3151	EA	8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,186.63	239.57
		For Class 52 Rating, Deduct	*-90.60*	
		For Class 54 Rating, Add	*127.90*	
		For Class 55 Rating, Add	*192.39*	
		For Class 56 Rating, Add	*256.04*	
40 05 19 00-3152	EA	8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,326.21	242.15
		For Class 52 Rating, Deduct	*-105.53*	
		For Class 54 Rating, Add	*148.30*	
		For Class 55 Rating, Add	*222.74*	
		For Class 56 Rating, Add	*296.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3153	EA	8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,465.81	244.72
		For Class 52 Rating, Deduct	*-120.45*	
		For Class 54 Rating, Add	*168.70*	
		For Class 55 Rating, Add	*253.09*	
		For Class 56 Rating, Add	*336.38*	
40 05 19 00-3154	EA	8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,605.40	247.29
		For Class 52 Rating, Deduct	*-135.38*	
		For Class 54 Rating, Add	*189.10*	
		For Class 55 Rating, Add	*283.44*	
		For Class 56 Rating, Add	*376.55*	
40 05 19 00-3155	EA	8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,745.00	249.87
		For Class 52 Rating, Deduct	*-150.30*	
		For Class 54 Rating, Add	*209.50*	
		For Class 55 Rating, Add	*313.79*	
		For Class 56 Rating, Add	*416.72*	
40 05 19 00-3156	EA	8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,884.58	252.46
		For Class 52 Rating, Deduct	*-165.23*	
		For Class 54 Rating, Add	*229.90*	
		For Class 55 Rating, Add	*344.14*	
		For Class 56 Rating, Add	*456.88*	
40 05 19 00-3157	EA	8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,024.17	255.02
		For Class 52 Rating, Deduct	*-180.15*	
		For Class 54 Rating, Add	*250.30*	
		For Class 55 Rating, Add	*374.50*	
		For Class 56 Rating, Add	*497.05*	
40 05 19 00-3158	EA	8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,163.76	257.60
		For Class 52 Rating, Deduct	*-195.08*	
		For Class 54 Rating, Add	*270.70*	
		For Class 55 Rating, Add	*404.85*	
		For Class 56 Rating, Add	*537.22*	
40 05 19 00-3159	EA	8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,303.34	260.18
		For Class 52 Rating, Deduct	*-210.01*	
		For Class 54 Rating, Add	*291.10*	
		For Class 55 Rating, Add	*435.20*	
		For Class 56 Rating, Add	*577.39*	
40 05 19 00-3160	EA	8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,442.94	262.75
		For Class 52 Rating, Deduct	*-224.93*	
		For Class 54 Rating, Add	*311.50*	
		For Class 55 Rating, Add	*465.55*	
		For Class 56 Rating, Add	*617.56*	
40 05 19 00-3161	EA	8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,582.53	265.33
		For Class 52 Rating, Deduct	*-239.86*	
		For Class 54 Rating, Add	*331.90*	
		For Class 55 Rating, Add	*495.90*	
		For Class 56 Rating, Add	*657.73*	
40 05 19 00-3162	EA	8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,722.13	267.90
		For Class 52 Rating, Deduct	*-254.78*	
		For Class 54 Rating, Add	*352.30*	
		For Class 55 Rating, Add	*526.26*	
		For Class 56 Rating, Add	*697.90*	
40 05 19 00-3163	EA	8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,861.71	270.49
		For Class 52 Rating, Deduct	*-269.71*	
		For Class 54 Rating, Add	*372.70*	
		For Class 55 Rating, Add	*556.61*	
		For Class 56 Rating, Add	*738.06*	
40 05 19 00-3164	EA	8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,001.30	273.05
		For Class 52 Rating, Deduct	*-284.63*	
		For Class 54 Rating, Add	*393.10*	
		For Class 55 Rating, Add	*586.96*	
		For Class 56 Rating, Add	*778.23*	
40 05 19 00-3165	EA	8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,140.89	275.63
		For Class 52 Rating, Deduct	*-299.56*	
		For Class 54 Rating, Add	*413.50*	
		For Class 55 Rating, Add	*617.31*	
		For Class 56 Rating, Add	*818.40*	
40 05 19 00-3166	EA	8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,280.49	278.22
		For Class 52 Rating, Deduct	*-314.49*	
		For Class 54 Rating, Add	*433.90*	
		For Class 55 Rating, Add	*647.66*	
		For Class 56 Rating, Add	*858.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3167	EA	8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,420.07	280.78
		For Class 52 Rating, Deduct	*-329.41*	
		For Class 54 Rating, Add	*454.30*	
		For Class 55 Rating, Add	*678.02*	
		For Class 56 Rating, Add	*898.73*	
40 05 19 00-3168	EA	8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,559.67	283.36
		For Class 52 Rating, Deduct	*-344.34*	
		For Class 54 Rating, Add	*474.70*	
		For Class 55 Rating, Add	*708.37*	
		For Class 56 Rating, Add	*938.90*	
40 05 19 00-3169	EA	8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,699.26	285.93
		For Class 52 Rating, Deduct	*-359.26*	
		For Class 54 Rating, Add	*495.10*	
		For Class 55 Rating, Add	*738.72*	
		For Class 56 Rating, Add	*979.07*	
40 05 19 00-3170	EA	8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,838.85	288.52
		For Class 52 Rating, Deduct	*-374.19*	
		For Class 54 Rating, Add	*515.50*	
		For Class 55 Rating, Add	*769.07*	
		For Class 56 Rating, Add	*1,019.24*	
40 05 19 00-3171	EA	8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,978.43	291.08
		For Class 52 Rating, Deduct	*-389.11*	
		For Class 54 Rating, Add	*535.90*	
		For Class 55 Rating, Add	*799.42*	
		For Class 56 Rating, Add	*1,059.41*	
40 05 19 00-3172	EA	8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,118.02	293.66
		For Class 52 Rating, Deduct	*-404.04*	
		For Class 54 Rating, Add	*556.30*	
		For Class 55 Rating, Add	*829.78*	
		For Class 56 Rating, Add	*1,099.58*	
40 05 19 00-3173	EA	8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,257.62	296.25
		For Class 52 Rating, Deduct	*-418.96*	
		For Class 54 Rating, Add	*576.70*	
		For Class 55 Rating, Add	*860.13*	
		For Class 56 Rating, Add	*1,139.75*	
40 05 19 00-3174	EA	8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,397.21	298.82
		For Class 52 Rating, Deduct	*-433.89*	
		For Class 54 Rating, Add	*597.10*	
		For Class 55 Rating, Add	*890.48*	
		For Class 56 Rating, Add	*1,179.91*	
40 05 19 00-3175	EA	8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,536.80	301.39
		For Class 52 Rating, Deduct	*-448.82*	
		For Class 54 Rating, Add	*617.50*	
		For Class 55 Rating, Add	*920.83*	
		For Class 56 Rating, Add	*1,220.08*	
40 05 19 00-3176	EA	8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,676.39	303.96
		For Class 52 Rating, Deduct	*-463.74*	
		For Class 54 Rating, Add	*637.90*	
		For Class 55 Rating, Add	*951.18*	
		For Class 56 Rating, Add	*1,260.25*	
40 05 19 00-3177	EA	8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,815.99	306.55
		For Class 52 Rating, Deduct	*-478.67*	
		For Class 54 Rating, Add	*658.30*	
		For Class 55 Rating, Add	*981.54*	
		For Class 56 Rating, Add	*1,300.42*	
40 05 19 00-3178	EA	8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,955.56	309.12
		For Class 52 Rating, Deduct	*-493.59*	
		For Class 54 Rating, Add	*678.70*	
		For Class 55 Rating, Add	*1,011.89*	
		For Class 56 Rating, Add	*1,340.58*	
40 05 19 00-3179	EA	8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,095.16	311.69
		For Class 52 Rating, Deduct	*-508.52*	
		For Class 54 Rating, Add	*699.10*	
		For Class 55 Rating, Add	*1,042.24*	
		For Class 56 Rating, Add	*1,380.75*	
40 05 19 00-3180	EA	8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,234.75	314.28
		For Class 52 Rating, Deduct	*-523.44*	
		For Class 54 Rating, Add	*719.50*	
		For Class 55 Rating, Add	*1,072.59*	
		For Class 56 Rating, Add	*1,420.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3181	EA	8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,374.34	316.85
		For Class 52 Rating, Deduct	*-538.37*	
		For Class 54 Rating, Add	*739.90*	
		For Class 55 Rating, Add	*1,102.94*	
		For Class 56 Rating, Add	*1,461.09*	
40 05 19 00-3182	EA	8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,513.93	319.42
		For Class 52 Rating, Deduct	*-553.29*	
		For Class 54 Rating, Add	*760.30*	
		For Class 55 Rating, Add	*1,133.29*	
		For Class 56 Rating, Add	*1,501.26*	
40 05 19 00-3183	EA	8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,653.52	322.00
		For Class 52 Rating, Deduct	*-568.22*	
		For Class 54 Rating, Add	*780.70*	
		For Class 55 Rating, Add	*1,163.65*	
		For Class 56 Rating, Add	*1,541.43*	
40 05 19 00-3184	EA	8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,793.12	324.58
		For Class 52 Rating, Deduct	*-583.15*	
		For Class 54 Rating, Add	*801.10*	
		For Class 55 Rating, Add	*1,194.00*	
		For Class 56 Rating, Add	*1,581.60*	
40 05 19 00-3185	EA	8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,932.70	327.15
		For Class 52 Rating, Deduct	*-598.07*	
		For Class 54 Rating, Add	*821.50*	
		For Class 55 Rating, Add	*1,224.35*	
		For Class 56 Rating, Add	*1,621.77*	
40 05 19 00-3186	EA	8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,072.29	329.72
		For Class 52 Rating, Deduct	*-613.00*	
		For Class 54 Rating, Add	*841.90*	
		For Class 55 Rating, Add	*1,254.70*	
		For Class 56 Rating, Add	*1,661.93*	
40 05 19 00-3187	EA	8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,211.88	332.31
		For Class 52 Rating, Deduct	*-627.92*	
		For Class 54 Rating, Add	*862.30*	
		For Class 55 Rating, Add	*1,285.05*	
		For Class 56 Rating, Add	*1,702.10*	
40 05 19 00-3188	EA	8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,351.48	334.89
		For Class 52 Rating, Deduct	*-642.85*	
		For Class 54 Rating, Add	*882.70*	
		For Class 55 Rating, Add	*1,315.41*	
		For Class 56 Rating, Add	*1,742.27*	
40 05 19 00-3189		10" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*		
40 05 19 00-3190	EA	10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,320.30	288.52
		For Class 52 Rating, Deduct	*-97.15*	
		For Class 54 Rating, Add	*137.72*	
		For Class 55 Rating, Add	*207.44*	
		For Class 56 Rating, Add	*276.27*	
40 05 19 00-3191	EA	10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,500.35	291.08
		For Class 52 Rating, Deduct	*-116.52*	
		For Class 54 Rating, Add	*164.19*	
		For Class 55 Rating, Add	*246.81*	
		For Class 56 Rating, Add	*328.37*	
40 05 19 00-3192	EA	10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,680.41	293.66
		For Class 52 Rating, Deduct	*-135.90*	
		For Class 54 Rating, Add	*190.66*	
		For Class 55 Rating, Add	*286.19*	
		For Class 56 Rating, Add	*380.48*	
40 05 19 00-3193	EA	10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,860.47	296.25
		For Class 52 Rating, Deduct	*-155.28*	
		For Class 54 Rating, Add	*217.13*	
		For Class 55 Rating, Add	*325.56*	
		For Class 56 Rating, Add	*432.59*	
40 05 19 00-3194	EA	10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,040.53	298.82
		For Class 52 Rating, Deduct	*-174.66*	
		For Class 54 Rating, Add	*243.60*	
		For Class 55 Rating, Add	*364.94*	
		For Class 56 Rating, Add	*484.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3195	EA	10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,220.60	301.39
		For Class 52 Rating, Deduct	*-194.03*	
		For Class 54 Rating, Add	*270.07*	
		For Class 55 Rating, Add	*404.32*	
		For Class 56 Rating, Add	*536.80*	
40 05 19 00-3196	EA	10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,400.65	303.96
		For Class 52 Rating, Deduct	*-213.41*	
		For Class 54 Rating, Add	*296.54*	
		For Class 55 Rating, Add	*443.69*	
		For Class 56 Rating, Add	*588.91*	
40 05 19 00-3197	EA	10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,580.72	306.55
		For Class 52 Rating, Deduct	*-232.79*	
		For Class 54 Rating, Add	*323.01*	
		For Class 55 Rating, Add	*483.07*	
		For Class 56 Rating, Add	*641.01*	
40 05 19 00-3198	EA	10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,760.76	309.12
		For Class 52 Rating, Deduct	*-252.16*	
		For Class 54 Rating, Add	*349.48*	
		For Class 55 Rating, Add	*522.45*	
		For Class 56 Rating, Add	*693.12*	
40 05 19 00-3199	EA	10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,940.83	311.69
		For Class 52 Rating, Deduct	*-271.54*	
		For Class 54 Rating, Add	*375.95*	
		For Class 55 Rating, Add	*561.82*	
		For Class 56 Rating, Add	*745.23*	
40 05 19 00-3200	EA	10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,120.88	314.28
		For Class 52 Rating, Deduct	*-290.92*	
		For Class 54 Rating, Add	*402.42*	
		For Class 55 Rating, Add	*601.20*	
		For Class 56 Rating, Add	*797.33*	
40 05 19 00-3201	EA	10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,300.94	316.85
		For Class 52 Rating, Deduct	*-310.30*	
		For Class 54 Rating, Add	*428.89*	
		For Class 55 Rating, Add	*640.58*	
		For Class 56 Rating, Add	*849.44*	
40 05 19 00-3202	EA	10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,481.00	319.42
		For Class 52 Rating, Deduct	*-329.67*	
		For Class 54 Rating, Add	*455.36*	
		For Class 55 Rating, Add	*679.95*	
		For Class 56 Rating, Add	*901.54*	
40 05 19 00-3203	EA	10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,661.06	322.00
		For Class 52 Rating, Deduct	*-349.05*	
		For Class 54 Rating, Add	*481.83*	
		For Class 55 Rating, Add	*719.33*	
		For Class 56 Rating, Add	*953.65*	
40 05 19 00-3204	EA	10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,841.13	324.58
		For Class 52 Rating, Deduct	*-368.43*	
		For Class 54 Rating, Add	*508.30*	
		For Class 55 Rating, Add	*758.71*	
		For Class 56 Rating, Add	*1,005.76*	
40 05 19 00-3205	EA	10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,021.17	327.15
		For Class 52 Rating, Deduct	*-387.80*	
		For Class 54 Rating, Add	*534.77*	
		For Class 55 Rating, Add	*798.08*	
		For Class 56 Rating, Add	*1,057.86*	
40 05 19 00-3206	EA	10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,201.24	329.72
		For Class 52 Rating, Deduct	*-407.18*	
		For Class 54 Rating, Add	*561.24*	
		For Class 55 Rating, Add	*837.46*	
		For Class 56 Rating, Add	*1,109.97*	
40 05 19 00-3207	EA	10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,381.29	332.31
		For Class 52 Rating, Deduct	*-426.56*	
		For Class 54 Rating, Add	*587.71*	
		For Class 55 Rating, Add	*876.83*	
		For Class 56 Rating, Add	*1,162.08*	
40 05 19 00-3208	EA	10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,561.36	334.89
		For Class 52 Rating, Deduct	*-445.94*	
		For Class 54 Rating, Add	*614.18*	
		For Class 55 Rating, Add	*916.21*	
		For Class 56 Rating, Add	*1,214.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3209	EA	10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,741.41	337.45
		For Class 52 Rating, Deduct	*-465.31*	
		For Class 54 Rating, Add	*640.65*	
		For Class 55 Rating, Add	*955.59*	
		For Class 56 Rating, Add	*1,266.29*	
40 05 19 00-3210	EA	10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,921.47	340.03
		For Class 52 Rating, Deduct	*-484.69*	
		For Class 54 Rating, Add	*667.12*	
		For Class 55 Rating, Add	*994.96*	
		For Class 56 Rating, Add	*1,318.40*	
40 05 19 00-3211	EA	10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,101.52	342.61
		For Class 52 Rating, Deduct	*-504.07*	
		For Class 54 Rating, Add	*693.59*	
		For Class 55 Rating, Add	*1,034.34*	
		For Class 56 Rating, Add	*1,370.50*	
40 05 19 00-3212	EA	10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,281.58	345.18
		For Class 52 Rating, Deduct	*-523.44*	
		For Class 54 Rating, Add	*720.06*	
		For Class 55 Rating, Add	*1,073.72*	
		For Class 56 Rating, Add	*1,422.61*	
40 05 19 00-3213	EA	10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,461.65	347.76
		For Class 52 Rating, Deduct	*-542.82*	
		For Class 54 Rating, Add	*746.53*	
		For Class 55 Rating, Add	*1,113.09*	
		For Class 56 Rating, Add	*1,474.72*	
40 05 19 00-3214	EA	10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,641.70	350.34
		For Class 52 Rating, Deduct	*-562.20*	
		For Class 54 Rating, Add	*773.00*	
		For Class 55 Rating, Add	*1,152.47*	
		For Class 56 Rating, Add	*1,526.82*	
40 05 19 00-3215	EA	10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,821.77	352.92
		For Class 52 Rating, Deduct	*-581.58*	
		For Class 54 Rating, Add	*799.47*	
		For Class 55 Rating, Add	*1,191.85*	
		For Class 56 Rating, Add	*1,578.93*	
40 05 19 00-3216	EA	10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,001.82	355.48
		For Class 52 Rating, Deduct	*-600.95*	
		For Class 54 Rating, Add	*825.94*	
		For Class 55 Rating, Add	*1,231.22*	
		For Class 56 Rating, Add	*1,631.03*	
40 05 19 00-3217	EA	10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,181.89	358.06
		For Class 52 Rating, Deduct	*-620.33*	
		For Class 54 Rating, Add	*852.41*	
		For Class 55 Rating, Add	*1,270.60*	
		For Class 56 Rating, Add	*1,683.14*	
40 05 19 00-3218	EA	10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,361.93	360.65
		For Class 52 Rating, Deduct	*-639.71*	
		For Class 54 Rating, Add	*878.88*	
		For Class 55 Rating, Add	*1,309.97*	
		For Class 56 Rating, Add	*1,735.25*	
40 05 19 00-3219	EA	10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,542.00	363.22
		For Class 52 Rating, Deduct	*-659.08*	
		For Class 54 Rating, Add	*905.35*	
		For Class 55 Rating, Add	*1,349.35*	
		For Class 56 Rating, Add	*1,787.35*	
40 05 19 00-3220	EA	10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,722.05	365.79
		For Class 52 Rating, Deduct	*-678.46*	
		For Class 54 Rating, Add	*931.82*	
		For Class 55 Rating, Add	*1,388.73*	
		For Class 56 Rating, Add	*1,839.46*	
40 05 19 00-3221	EA	10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,902.11	368.36
		For Class 52 Rating, Deduct	*-697.84*	
		For Class 54 Rating, Add	*958.29*	
		For Class 55 Rating, Add	*1,428.10*	
		For Class 56 Rating, Add	*1,891.57*	
40 05 19 00-3222	EA	10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,082.17	370.95
		For Class 52 Rating, Deduct	*-717.21*	
		For Class 54 Rating, Add	*984.76*	
		For Class 55 Rating, Add	*1,467.48*	
		For Class 56 Rating, Add	*1,943.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3223	EA	10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,262.23	373.52
		For Class 52 Rating, Deduct	*-736.59*	
		For Class 54 Rating, Add	*1,011.23*	
		For Class 55 Rating, Add	*1,506.86*	
		For Class 56 Rating, Add	*1,995.78*	
40 05 19 00-3224	EA	10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,442.80	376.09
		For Class 52 Rating, Deduct	*-755.97*	
		For Class 54 Rating, Add	*1,037.71*	
		For Class 55 Rating, Add	*1,546.23*	
		For Class 56 Rating, Add	*2,047.89*	
40 05 19 00-3225	EA	10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,622.34	378.68
		For Class 52 Rating, Deduct	*-775.35*	
		For Class 54 Rating, Add	*1,064.17*	
		For Class 55 Rating, Add	*1,585.61*	
		For Class 56 Rating, Add	*2,099.99*	
40 05 19 00-3226	EA	10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,802.41	381.25
		For Class 52 Rating, Deduct	*-794.72*	
		For Class 54 Rating, Add	*1,090.65*	
		For Class 55 Rating, Add	*1,624.99*	
		For Class 56 Rating, Add	*2,152.10*	
40 05 19 00-3227	EA	10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,982.46	383.82
		For Class 52 Rating, Deduct	*-814.10*	
		For Class 54 Rating, Add	*1,117.12*	
		For Class 55 Rating, Add	*1,664.36*	
		For Class 56 Rating, Add	*2,204.20*	
40 05 19 00-3228	EA	10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,162.53	386.40
		For Class 52 Rating, Deduct	*-833.48*	
		For Class 54 Rating, Add	*1,143.59*	
		For Class 55 Rating, Add	*1,703.74*	
		For Class 56 Rating, Add	*2,256.31*	

40 05 19 00-3229 12" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

40 05 19 00-3230	EA	12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,712.86	360.65
		For Class 52 Rating, Deduct	*-128.31*	
		For Class 54 Rating, Add	*181.52*	
		For Class 55 Rating, Add	*273.23*	
		For Class 56 Rating, Add	*363.77*	
40 05 19 00-3231	EA	12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,935.77	363.22
		For Class 52 Rating, Deduct	*-152.40*	
		For Class 54 Rating, Add	*214.42*	
		For Class 55 Rating, Add	*322.16*	
		For Class 56 Rating, Add	*428.52*	
40 05 19 00-3232	EA	12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,158.67	365.79
		For Class 52 Rating, Deduct	*-176.49*	
		For Class 54 Rating, Add	*247.32*	
		For Class 55 Rating, Add	*371.09*	
		For Class 56 Rating, Add	*493.26*	
40 05 19 00-3233	EA	12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,381.58	368.36
		For Class 52 Rating, Deduct	*-200.58*	
		For Class 54 Rating, Add	*280.22*	
		For Class 55 Rating, Add	*420.02*	
		For Class 56 Rating, Add	*558.01*	
40 05 19 00-3234	EA	12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,604.49	370.95
		For Class 52 Rating, Deduct	*-224.67*	
		For Class 54 Rating, Add	*313.11*	
		For Class 55 Rating, Add	*468.96*	
		For Class 56 Rating, Add	*622.76*	
40 05 19 00-3235	EA	12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,827.40	373.52
		For Class 52 Rating, Deduct	*-248.76*	
		For Class 54 Rating, Add	*346.01*	
		For Class 55 Rating, Add	*517.89*	
		For Class 56 Rating, Add	*687.50*	
40 05 19 00-3236	EA	12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,050.31	376.09
		For Class 52 Rating, Deduct	*-272.85*	
		For Class 54 Rating, Add	*378.91*	
		For Class 55 Rating, Add	*566.82*	
		For Class 56 Rating, Add	*752.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3237	EA	12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,273.20	378.68
		For Class 52 Rating, Deduct	*-296.94*	
		For Class 54 Rating, Add	*411.80*	
		For Class 55 Rating, Add	*615.75*	
		For Class 56 Rating, Add	*817.00*	
40 05 19 00-3238	EA	12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,496.12	381.25
		For Class 52 Rating, Deduct	*-321.03*	
		For Class 54 Rating, Add	*444.70*	
		For Class 55 Rating, Add	*664.68*	
		For Class 56 Rating, Add	*881.74*	
40 05 19 00-3239	EA	12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,719.02	383.82
		For Class 52 Rating, Deduct	*-345.12*	
		For Class 54 Rating, Add	*477.60*	
		For Class 55 Rating, Add	*713.61*	
		For Class 56 Rating, Add	*946.49*	
40 05 19 00-3240	EA	12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,941.94	386.40
		For Class 52 Rating, Deduct	*-369.21*	
		For Class 54 Rating, Add	*510.50*	
		For Class 55 Rating, Add	*762.55*	
		For Class 56 Rating, Add	*1,011.24*	
40 05 19 00-3241	EA	12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,164.84	388.98
		For Class 52 Rating, Deduct	*-393.30*	
		For Class 54 Rating, Add	*543.39*	
		For Class 55 Rating, Add	*811.48*	
		For Class 56 Rating, Add	*1,075.98*	
40 05 19 00-3242	EA	12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,387.75	391.55
		For Class 52 Rating, Deduct	*-417.39*	
		For Class 54 Rating, Add	*576.29*	
		For Class 55 Rating, Add	*860.41*	
		For Class 56 Rating, Add	*1,140.73*	
40 05 19 00-3243	EA	12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,610.66	394.12
		For Class 52 Rating, Deduct	*-441.48*	
		For Class 54 Rating, Add	*609.19*	
		For Class 55 Rating, Add	*909.34*	
		For Class 56 Rating, Add	*1,205.48*	
40 05 19 00-3244	EA	12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,833.55	396.71
		For Class 52 Rating, Deduct	*-465.57*	
		For Class 54 Rating, Add	*642.09*	
		For Class 55 Rating, Add	*958.27*	
		For Class 56 Rating, Add	*1,270.22*	
40 05 19 00-3245	EA	12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,056.47	399.29
		For Class 52 Rating, Deduct	*-489.67*	
		For Class 54 Rating, Add	*674.98*	
		For Class 55 Rating, Add	*1,007.20*	
		For Class 56 Rating, Add	*1,334.97*	
40 05 19 00-3246	EA	12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,279.37	401.85
		For Class 52 Rating, Deduct	*-513.76*	
		For Class 54 Rating, Add	*707.88*	
		For Class 55 Rating, Add	*1,056.13*	
		For Class 56 Rating, Add	*1,399.72*	
40 05 19 00-3247	EA	12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,502.29	404.43
		For Class 52 Rating, Deduct	*-537.85*	
		For Class 54 Rating, Add	*740.78*	
		For Class 55 Rating, Add	*1,105.07*	
		For Class 56 Rating, Add	*1,464.47*	
40 05 19 00-3248	EA	12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,725.19	407.01
		For Class 52 Rating, Deduct	*-561.94*	
		For Class 54 Rating, Add	*773.68*	
		For Class 55 Rating, Add	*1,154.00*	
		For Class 56 Rating, Add	*1,529.21*	
40 05 19 00-3249	EA	12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,948.10	409.58
		For Class 52 Rating, Deduct	*-586.03*	
		For Class 54 Rating, Add	*806.57*	
		For Class 55 Rating, Add	*1,202.93*	
		For Class 56 Rating, Add	*1,593.96*	
40 05 19 00-3250	EA	12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,171.01	412.16
		For Class 52 Rating, Deduct	*-610.12*	
		For Class 54 Rating, Add	*839.47*	
		For Class 55 Rating, Add	*1,251.86*	
		For Class 56 Rating, Add	*1,658.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3251	EA	12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,393.91	414.74
		For Class 52 Rating, Deduct	*-634.21*	
		For Class 54 Rating, Add	*872.37*	
		For Class 55 Rating, Add	*1,300.79*	
		For Class 56 Rating, Add	*1,723.45*	
40 05 19 00-3252	EA	12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,616.82	417.32
		For Class 52 Rating, Deduct	*-658.30*	
		For Class 54 Rating, Add	*905.27*	
		For Class 55 Rating, Add	*1,349.73*	
		For Class 56 Rating, Add	*1,788.20*	
40 05 19 00-3253	EA	12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,839.72	419.88
		For Class 52 Rating, Deduct	*-682.39*	
		For Class 54 Rating, Add	*938.16*	
		For Class 55 Rating, Add	*1,398.66*	
		For Class 56 Rating, Add	*1,852.94*	
40 05 19 00-3254	EA	12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,062.64	422.46
		For Class 52 Rating, Deduct	*-706.48*	
		For Class 54 Rating, Add	*971.06*	
		For Class 55 Rating, Add	*1,447.59*	
		For Class 56 Rating, Add	*1,917.69*	
40 05 19 00-3255	EA	12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,285.54	425.05
		For Class 52 Rating, Deduct	*-730.57*	
		For Class 54 Rating, Add	*1,003.96*	
		For Class 55 Rating, Add	*1,496.52*	
		For Class 56 Rating, Add	*1,982.44*	
40 05 19 00-3256	EA	12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,508.45	427.62
		For Class 52 Rating, Deduct	*-754.66*	
		For Class 54 Rating, Add	*1,036.86*	
		For Class 55 Rating, Add	*1,545.45*	
		For Class 56 Rating, Add	*2,047.18*	
40 05 19 00-3257	EA	12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,731.35	430.19
		For Class 52 Rating, Deduct	*-778.75*	
		For Class 54 Rating, Add	*1,069.75*	
		For Class 55 Rating, Add	*1,594.38*	
		For Class 56 Rating, Add	*2,111.93*	
40 05 19 00-3258	EA	12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,954.26	432.77
		For Class 52 Rating, Deduct	*-802.84*	
		For Class 54 Rating, Add	*1,102.65*	
		For Class 55 Rating, Add	*1,643.31*	
		For Class 56 Rating, Add	*2,176.68*	
40 05 19 00-3259	EA	12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,177.17	435.35
		For Class 52 Rating, Deduct	*-826.93*	
		For Class 54 Rating, Add	*1,135.55*	
		For Class 55 Rating, Add	*1,692.25*	
		For Class 56 Rating, Add	*2,241.43*	
40 05 19 00-3260	EA	12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,400.08	437.92
		For Class 52 Rating, Deduct	*-851.02*	
		For Class 54 Rating, Add	*1,168.45*	
		For Class 55 Rating, Add	*1,741.18*	
		For Class 56 Rating, Add	*2,306.17*	
40 05 19 00-3261	EA	12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,622.98	440.49
		For Class 52 Rating, Deduct	*-875.11*	
		For Class 54 Rating, Add	*1,201.34*	
		For Class 55 Rating, Add	*1,790.11*	
		For Class 56 Rating, Add	*2,370.92*	
40 05 19 00-3262	EA	12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,845.89	443.08
		For Class 52 Rating, Deduct	*-899.20*	
		For Class 54 Rating, Add	*1,234.24*	
		For Class 55 Rating, Add	*1,839.04*	
		For Class 56 Rating, Add	*2,435.67*	
40 05 19 00-3263	EA	12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,068.80	445.65
		For Class 52 Rating, Deduct	*-923.29*	
		For Class 54 Rating, Add	*1,267.14*	
		For Class 55 Rating, Add	*1,887.97*	
		For Class 56 Rating, Add	*2,500.41*	
40 05 19 00-3264	EA	12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,291.70	448.22
		For Class 52 Rating, Deduct	*-947.38*	
		For Class 54 Rating, Add	*1,300.04*	
		For Class 55 Rating, Add	*1,936.90*	
		For Class 56 Rating, Add	*2,565.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3265	EA	12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,514.61	450.81
		For Class 52 Rating, Deduct	*-971.47*	
		For Class 54 Rating, Add	*1,332.93*	
		For Class 55 Rating, Add	*1,985.84*	
		For Class 56 Rating, Add	*2,629.91*	
40 05 19 00-3266	EA	12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,737.51	453.38
		For Class 52 Rating, Deduct	*-995.56*	
		For Class 54 Rating, Add	*1,365.83*	
		For Class 55 Rating, Add	*2,034.77*	
		For Class 56 Rating, Add	*2,694.65*	
40 05 19 00-3267	EA	12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,960.43	455.95
		For Class 52 Rating, Deduct	*-1,019.65*	
		For Class 54 Rating, Add	*1,398.73*	
		For Class 55 Rating, Add	*2,083.70*	
		For Class 56 Rating, Add	*2,759.40*	
40 05 19 00-3268	EA	12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,183.33	458.52
		For Class 52 Rating, Deduct	*-1,043.74*	
		For Class 54 Rating, Add	*1,431.63*	
		For Class 55 Rating, Add	*2,132.63*	
		For Class 56 Rating, Add	*2,824.14*	

40 05 19 00-3269 14" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

40 05 19 00-3270	EA	14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,300.62	432.77
		For Class 52 Rating, Deduct	*-180.94*	
		For Class 54 Rating, Add	*254.61*	
		For Class 55 Rating, Add	*382.55*	
		For Class 56 Rating, Add	*508.85*	
40 05 19 00-3271	EA	14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,571.14	435.35
		For Class 52 Rating, Deduct	*-210.27*	
		For Class 54 Rating, Add	*294.64*	
		For Class 55 Rating, Add	*442.10*	
		For Class 56 Rating, Add	*587.65*	
40 05 19 00-3272	EA	14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,841.66	437.92
		For Class 52 Rating, Deduct	*-239.60*	
		For Class 54 Rating, Add	*334.68*	
		For Class 55 Rating, Add	*501.65*	
		For Class 56 Rating, Add	*666.44*	
40 05 19 00-3273	EA	14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,112.17	440.49
		For Class 52 Rating, Deduct	*-268.92*	
		For Class 54 Rating, Add	*374.72*	
		For Class 55 Rating, Add	*561.20*	
		For Class 56 Rating, Add	*745.23*	
40 05 19 00-3274	EA	14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,382.69	443.08
		For Class 52 Rating, Deduct	*-298.25*	
		For Class 54 Rating, Add	*414.76*	
		For Class 55 Rating, Add	*620.75*	
		For Class 56 Rating, Add	*824.02*	
40 05 19 00-3275	EA	14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,653.21	445.65
		For Class 52 Rating, Deduct	*-327.58*	
		For Class 54 Rating, Add	*454.80*	
		For Class 55 Rating, Add	*680.30*	
		For Class 56 Rating, Add	*902.81*	
40 05 19 00-3276	EA	14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,923.71	448.22
		For Class 52 Rating, Deduct	*-356.90*	
		For Class 54 Rating, Add	*494.84*	
		For Class 55 Rating, Add	*739.84*	
		For Class 56 Rating, Add	*981.60*	
40 05 19 00-3277	EA	14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,194.24	450.81
		For Class 52 Rating, Deduct	*-386.23*	
		For Class 54 Rating, Add	*534.88*	
		For Class 55 Rating, Add	*799.39*	
		For Class 56 Rating, Add	*1,060.40*	
40 05 19 00-3278	EA	14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,464.75	453.38
		For Class 52 Rating, Deduct	*-415.56*	
		For Class 54 Rating, Add	*574.92*	
		For Class 55 Rating, Add	*858.94*	
		For Class 56 Rating, Add	*1,139.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3279	EA	14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,735.28	455.95
		For Class 52 Rating, Deduct	*-444.89*	
		For Class 54 Rating, Add	*614.96*	
		For Class 55 Rating, Add	*918.49*	
		For Class 56 Rating, Add	*1,217.98*	
40 05 19 00-3280	EA	14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,005.79	458.52
		For Class 52 Rating, Deduct	*-474.22*	
		For Class 54 Rating, Add	*654.99*	
		For Class 55 Rating, Add	*978.04*	
		For Class 56 Rating, Add	*1,296.77*	
40 05 19 00-3281	EA	14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,276.31	461.11
		For Class 52 Rating, Deduct	*-503.54*	
		For Class 54 Rating, Add	*695.03*	
		For Class 55 Rating, Add	*1,037.59*	
		For Class 56 Rating, Add	*1,375.56*	
40 05 19 00-3282	EA	14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,546.83	463.69
		For Class 52 Rating, Deduct	*-532.87*	
		For Class 54 Rating, Add	*735.07*	
		For Class 55 Rating, Add	*1,097.14*	
		For Class 56 Rating, Add	*1,454.35*	
40 05 19 00-3283	EA	14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,817.34	466.25
		For Class 52 Rating, Deduct	*-562.20*	
		For Class 54 Rating, Add	*775.11*	
		For Class 55 Rating, Add	*1,156.68*	
		For Class 56 Rating, Add	*1,533.14*	
40 05 19 00-3284	EA	14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,087.85	468.84
		For Class 52 Rating, Deduct	*-591.53*	
		For Class 54 Rating, Add	*815.15*	
		For Class 55 Rating, Add	*1,216.23*	
		For Class 56 Rating, Add	*1,611.94*	
40 05 19 00-3285	EA	14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,358.37	471.41
		For Class 52 Rating, Deduct	*-620.85*	
		For Class 54 Rating, Add	*855.19*	
		For Class 55 Rating, Add	*1,275.78*	
		For Class 56 Rating, Add	*1,690.73*	
40 05 19 00-3286	EA	14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,628.89	473.98
		For Class 52 Rating, Deduct	*-650.18*	
		For Class 54 Rating, Add	*895.23*	
		For Class 55 Rating, Add	*1,335.33*	
		For Class 56 Rating, Add	*1,769.52*	
40 05 19 00-3287	EA	14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,899.41	476.56
		For Class 52 Rating, Deduct	*-679.51*	
		For Class 54 Rating, Add	*935.27*	
		For Class 55 Rating, Add	*1,394.88*	
		For Class 56 Rating, Add	*1,848.31*	
40 05 19 00-3288	EA	14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,169.93	479.14
		For Class 52 Rating, Deduct	*-708.84*	
		For Class 54 Rating, Add	*975.31*	
		For Class 55 Rating, Add	*1,454.43*	
		For Class 56 Rating, Add	*1,927.10*	
40 05 19 00-3289	EA	14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,440.44	481.72
		For Class 52 Rating, Deduct	*-738.16*	
		For Class 54 Rating, Add	*1,015.34*	
		For Class 55 Rating, Add	*1,513.97*	
		For Class 56 Rating, Add	*2,005.89*	
40 05 19 00-3290	EA	14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,710.96	484.28
		For Class 52 Rating, Deduct	*-767.49*	
		For Class 54 Rating, Add	*1,055.38*	
		For Class 55 Rating, Add	*1,573.52*	
		For Class 56 Rating, Add	*2,084.69*	
40 05 19 00-3291	EA	14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,981.47	486.86
		For Class 52 Rating, Deduct	*-796.82*	
		For Class 54 Rating, Add	*1,095.42*	
		For Class 55 Rating, Add	*1,633.07*	
		For Class 56 Rating, Add	*2,163.48*	
40 05 19 00-3292	EA	14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,251.99	489.44
		For Class 52 Rating, Deduct	*-826.15*	
		For Class 54 Rating, Add	*1,135.46*	
		For Class 55 Rating, Add	*1,692.62*	
		For Class 56 Rating, Add	*2,242.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3293	EA	14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,522.51	492.02
		For Class 52 Rating, Deduct	*-855.47*	
		For Class 54 Rating, Add	*1,175.50*	
		For Class 55 Rating, Add	*1,752.17*	
		For Class 56 Rating, Add	*2,321.06*	
40 05 19 00-3294	EA	14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,793.02	494.59
		For Class 52 Rating, Deduct	*-884.80*	
		For Class 54 Rating, Add	*1,215.54*	
		For Class 55 Rating, Add	*1,811.72*	
		For Class 56 Rating, Add	*2,399.85*	
40 05 19 00-3295	EA	14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,063.55	497.17
		For Class 52 Rating, Deduct	*-914.13*	
		For Class 54 Rating, Add	*1,255.58*	
		For Class 55 Rating, Add	*1,871.27*	
		For Class 56 Rating, Add	*2,478.65*	
40 05 19 00-3296	EA	14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,334.06	499.75
		For Class 52 Rating, Deduct	*-943.46*	
		For Class 54 Rating, Add	*1,295.62*	
		For Class 55 Rating, Add	*1,930.81*	
		For Class 56 Rating, Add	*2,557.44*	
40 05 19 00-3297	EA	14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,604.57	502.31
		For Class 52 Rating, Deduct	*-972.78*	
		For Class 54 Rating, Add	*1,335.66*	
		For Class 55 Rating, Add	*1,990.36*	
		For Class 56 Rating, Add	*2,636.23*	
40 05 19 00-3298	EA	14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,875.09	504.89
		For Class 52 Rating, Deduct	*-1,002.11*	
		For Class 54 Rating, Add	*1,375.69*	
		For Class 55 Rating, Add	*2,049.91*	
		For Class 56 Rating, Add	*2,715.02*	
40 05 19 00-3299	EA	14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,145.61	507.48
		For Class 52 Rating, Deduct	*-1,031.44*	
		For Class 54 Rating, Add	*1,415.73*	
		For Class 55 Rating, Add	*2,109.46*	
		For Class 56 Rating, Add	*2,793.81*	
40 05 19 00-3300	EA	14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,416.12	510.05
		For Class 52 Rating, Deduct	*-1,060.77*	
		For Class 54 Rating, Add	*1,455.77*	
		For Class 55 Rating, Add	*2,169.01*	
		For Class 56 Rating, Add	*2,872.60*	
40 05 19 00-3301	EA	14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,686.65	512.62
		For Class 52 Rating, Deduct	*-1,090.09*	
		For Class 54 Rating, Add	*1,495.81*	
		For Class 55 Rating, Add	*2,228.56*	
		For Class 56 Rating, Add	*2,951.39*	
40 05 19 00-3302	EA	14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,957.16	515.20
		For Class 52 Rating, Deduct	*-1,119.42*	
		For Class 54 Rating, Add	*1,535.85*	
		For Class 55 Rating, Add	*2,288.11*	
		For Class 56 Rating, Add	*3,030.18*	
40 05 19 00-3303	EA	14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,227.68	517.78
		For Class 52 Rating, Deduct	*-1,148.75*	
		For Class 54 Rating, Add	*1,575.89*	
		For Class 55 Rating, Add	*2,347.66*	
		For Class 56 Rating, Add	*3,108.98*	
40 05 19 00-3304	EA	14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,498.19	520.35
		For Class 52 Rating, Deduct	*-1,178.08*	
		For Class 54 Rating, Add	*1,615.93*	
		For Class 55 Rating, Add	*2,407.20*	
		For Class 56 Rating, Add	*3,187.77*	
40 05 19 00-3305	EA	14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,768.70	522.92
		For Class 52 Rating, Deduct	*-1,207.40*	
		For Class 54 Rating, Add	*1,655.97*	
		For Class 55 Rating, Add	*2,466.75*	
		For Class 56 Rating, Add	*3,266.56*	
40 05 19 00-3306	EA	14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,039.23	525.51
		For Class 52 Rating, Deduct	*-1,236.73*	
		For Class 54 Rating, Add	*1,696.01*	
		For Class 55 Rating, Add	*2,526.30*	
		For Class 56 Rating, Add	*3,345.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3307	EA	14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,309.74	528.08
		For Class 52 Rating, Deduct	*-1,266.06*	
		For Class 54 Rating, Add	*1,736.04*	
		For Class 55 Rating, Add	*2,585.85*	
		For Class 56 Rating, Add	*3,424.14*	
40 05 19 00-3308		16" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*		
40 05 19 00-3309	EA	16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,689.47	494.59
		For Class 52 Rating, Deduct	*-213.41*	
		For Class 54 Rating, Add	*300.01*	
		For Class 55 Rating, Add	*450.63*	
		For Class 56 Rating, Add	*599.30*	
40 05 19 00-3310	EA	16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,002.84	497.17
		For Class 52 Rating, Deduct	*-247.45*	
		For Class 54 Rating, Add	*346.47*	
		For Class 55 Rating, Add	*519.73*	
		For Class 56 Rating, Add	*690.74*	
40 05 19 00-3311	EA	16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,316.21	499.75
		For Class 52 Rating, Deduct	*-281.49*	
		For Class 54 Rating, Add	*392.94*	
		For Class 55 Rating, Add	*588.83*	
		For Class 56 Rating, Add	*782.17*	
40 05 19 00-3312	EA	16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,629.57	502.31
		For Class 52 Rating, Deduct	*-315.53*	
		For Class 54 Rating, Add	*439.41*	
		For Class 55 Rating, Add	*657.94*	
		For Class 56 Rating, Add	*873.60*	
40 05 19 00-3313	EA	16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,942.93	504.89
		For Class 52 Rating, Deduct	*-349.57*	
		For Class 54 Rating, Add	*485.87*	
		For Class 55 Rating, Add	*727.04*	
		For Class 56 Rating, Add	*965.03*	
40 05 19 00-3314	EA	16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,256.30	507.48
		For Class 52 Rating, Deduct	*-383.61*	
		For Class 54 Rating, Add	*532.34*	
		For Class 55 Rating, Add	*796.14*	
		For Class 56 Rating, Add	*1,056.46*	
40 05 19 00-3315	EA	16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,569.67	510.05
		For Class 52 Rating, Deduct	*-417.66*	
		For Class 54 Rating, Add	*578.80*	
		For Class 55 Rating, Add	*865.25*	
		For Class 56 Rating, Add	*1,147.90*	
40 05 19 00-3316	EA	16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,883.04	512.62
		For Class 52 Rating, Deduct	*-451.70*	
		For Class 54 Rating, Add	*625.27*	
		For Class 55 Rating, Add	*934.35*	
		For Class 56 Rating, Add	*1,239.33*	
40 05 19 00-3317	EA	16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,196.40	515.20
		For Class 52 Rating, Deduct	*-485.74*	
		For Class 54 Rating, Add	*671.74*	
		For Class 55 Rating, Add	*1,003.46*	
		For Class 56 Rating, Add	*1,330.76*	
40 05 19 00-3318	EA	16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,509.76	517.78
		For Class 52 Rating, Deduct	*-519.78*	
		For Class 54 Rating, Add	*718.20*	
		For Class 55 Rating, Add	*1,072.56*	
		For Class 56 Rating, Add	*1,422.19*	
40 05 19 00-3319	EA	16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,823.13	520.35
		For Class 52 Rating, Deduct	*-553.82*	
		For Class 54 Rating, Add	*764.67*	
		For Class 55 Rating, Add	*1,141.66*	
		For Class 56 Rating, Add	*1,513.63*	
40 05 19 00-3320	EA	16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,136.49	522.92
		For Class 52 Rating, Deduct	*-587.86*	
		For Class 54 Rating, Add	*811.13*	
		For Class 55 Rating, Add	*1,210.77*	
		For Class 56 Rating, Add	*1,605.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3321	EA	16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,449.86	525.51
		For Class 52 Rating, Deduct	*-621.90*	
		For Class 54 Rating, Add	*857.60*	
		For Class 55 Rating, Add	*1,279.87*	
		For Class 56 Rating, Add	*1,696.49*	
40 05 19 00-3322	EA	16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,763.22	528.08
		For Class 52 Rating, Deduct	*-655.94*	
		For Class 54 Rating, Add	*904.07*	
		For Class 55 Rating, Add	*1,348.97*	
		For Class 56 Rating, Add	*1,787.92*	
40 05 19 00-3323	EA	16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,076.59	530.65
		For Class 52 Rating, Deduct	*-689.98*	
		For Class 54 Rating, Add	*950.53*	
		For Class 55 Rating, Add	*1,418.08*	
		For Class 56 Rating, Add	*1,879.35*	
40 05 19 00-3324	EA	16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,389.96	533.24
		For Class 52 Rating, Deduct	*-724.02*	
		For Class 54 Rating, Add	*997.00*	
		For Class 55 Rating, Add	*1,487.18*	
		For Class 56 Rating, Add	*1,970.78*	
40 05 19 00-3325	EA	16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,703.32	535.81
		For Class 52 Rating, Deduct	*-758.06*	
		For Class 54 Rating, Add	*1,043.47*	
		For Class 55 Rating, Add	*1,556.29*	
		For Class 56 Rating, Add	*2,062.22*	
40 05 19 00-3326	EA	16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,016.68	538.38
		For Class 52 Rating, Deduct	*-792.10*	
		For Class 54 Rating, Add	*1,089.93*	
		For Class 55 Rating, Add	*1,625.39*	
		For Class 56 Rating, Add	*2,153.65*	
40 05 19 00-3327	EA	16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,330.05	540.95
		For Class 52 Rating, Deduct	*-826.15*	
		For Class 54 Rating, Add	*1,136.40*	
		For Class 55 Rating, Add	*1,694.49*	
		For Class 56 Rating, Add	*2,245.08*	
40 05 19 00-3328	EA	16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,643.42	543.54
		For Class 52 Rating, Deduct	*-860.19*	
		For Class 54 Rating, Add	*1,182.86*	
		For Class 55 Rating, Add	*1,763.60*	
		For Class 56 Rating, Add	*2,336.51*	
40 05 19 00-3329	EA	16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,956.79	546.12
		For Class 52 Rating, Deduct	*-894.23*	
		For Class 54 Rating, Add	*1,229.33*	
		For Class 55 Rating, Add	*1,832.70*	
		For Class 56 Rating, Add	*2,427.94*	
40 05 19 00-3330	EA	16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,270.15	548.68
		For Class 52 Rating, Deduct	*-928.27*	
		For Class 54 Rating, Add	*1,275.80*	
		For Class 55 Rating, Add	*1,901.80*	
		For Class 56 Rating, Add	*2,519.37*	
40 05 19 00-3331	EA	16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,583.51	551.27
		For Class 52 Rating, Deduct	*-962.31*	
		For Class 54 Rating, Add	*1,322.26*	
		For Class 55 Rating, Add	*1,970.91*	
		For Class 56 Rating, Add	*2,610.81*	
40 05 19 00-3332	EA	16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,896.88	553.84
		For Class 52 Rating, Deduct	*-996.35*	
		For Class 54 Rating, Add	*1,368.73*	
		For Class 55 Rating, Add	*2,040.01*	
		For Class 56 Rating, Add	*2,702.24*	
40 05 19 00-3333	EA	16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,210.24	556.42
		For Class 52 Rating, Deduct	*-1,030.39*	
		For Class 54 Rating, Add	*1,415.20*	
		For Class 55 Rating, Add	*2,109.12*	
		For Class 56 Rating, Add	*2,793.67*	
40 05 19 00-3334	EA	16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,523.61	558.99
		For Class 52 Rating, Deduct	*-1,064.43*	
		For Class 54 Rating, Add	*1,461.66*	
		For Class 55 Rating, Add	*2,178.22*	
		For Class 56 Rating, Add	*2,885.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3335	EA	16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,836.97	561.57
		For Class 52 Rating, Deduct	*-1,098.47*	
		For Class 54 Rating, Add	*1,508.13*	
		For Class 55 Rating, Add	*2,247.32*	
		For Class 56 Rating, Add	*2,976.53*	
40 05 19 00-3336	EA	16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,150.35	564.15
		For Class 52 Rating, Deduct	*-1,132.51*	
		For Class 54 Rating, Add	*1,554.59*	
		For Class 55 Rating, Add	*2,316.43*	
		For Class 56 Rating, Add	*3,067.97*	
40 05 19 00-3337	EA	16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,463.71	566.71
		For Class 52 Rating, Deduct	*-1,166.55*	
		For Class 54 Rating, Add	*1,601.06*	
		For Class 55 Rating, Add	*2,385.53*	
		For Class 56 Rating, Add	*3,159.40*	
40 05 19 00-3338	EA	16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,777.08	569.30
		For Class 52 Rating, Deduct	*-1,200.60*	
		For Class 54 Rating, Add	*1,647.53*	
		For Class 55 Rating, Add	*2,454.64*	
		For Class 56 Rating, Add	*3,250.83*	
40 05 19 00-3339	EA	16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,090.43	571.88
		For Class 52 Rating, Deduct	*-1,234.64*	
		For Class 54 Rating, Add	*1,693.99*	
		For Class 55 Rating, Add	*2,523.74*	
		For Class 56 Rating, Add	*3,342.26*	
40 05 19 00-3340	EA	16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,403.80	574.45
		For Class 52 Rating, Deduct	*-1,268.68*	
		For Class 54 Rating, Add	*1,740.46*	
		For Class 55 Rating, Add	*2,592.84*	
		For Class 56 Rating, Add	*3,433.70*	
40 05 19 00-3341	EA	16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,717.17	577.02
		For Class 52 Rating, Deduct	*-1,302.72*	
		For Class 54 Rating, Add	*1,786.92*	
		For Class 55 Rating, Add	*2,661.95*	
		For Class 56 Rating, Add	*3,525.13*	
40 05 19 00-3342	EA	16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,030.53	579.60
		For Class 52 Rating, Deduct	*-1,336.76*	
		For Class 54 Rating, Add	*1,833.39*	
		For Class 55 Rating, Add	*2,731.05*	
		For Class 56 Rating, Add	*3,616.56*	
40 05 19 00-3343	EA	16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,343.90	582.18
		For Class 52 Rating, Deduct	*-1,370.80*	
		For Class 54 Rating, Add	*1,879.86*	
		For Class 55 Rating, Add	*2,800.15*	
		For Class 56 Rating, Add	*3,707.99*	
40 05 19 00-3344	EA	16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,657.27	584.75
		For Class 52 Rating, Deduct	*-1,404.84*	
		For Class 54 Rating, Add	*1,926.32*	
		For Class 55 Rating, Add	*2,869.26*	
		For Class 56 Rating, Add	*3,799.42*	
40 05 19 00-3345	EA	16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,970.64	587.33
		For Class 52 Rating, Deduct	*-1,438.88*	
		For Class 54 Rating, Add	*1,972.79*	
		For Class 55 Rating, Add	*2,938.36*	
		For Class 56 Rating, Add	*3,890.85*	
40 05 19 00-3346	EA	16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,283.99	589.91
		For Class 52 Rating, Deduct	*-1,472.92*	
		For Class 54 Rating, Add	*2,019.26*	
		For Class 55 Rating, Add	*3,007.47*	
		For Class 56 Rating, Add	*3,982.29*	
40 05 19 00-3347		18" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*		
40 05 19 00-3348	EA	18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,117.97	557.44
		For Class 52 Rating, Deduct	*-250.07*	
		For Class 54 Rating, Add	*351.14*	
		For Class 55 Rating, Add	*527.23*	
		For Class 56 Rating, Add	*701.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3349	EA	18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,478.95	560.03
		For Class 52 Rating, Deduct	*-289.35*	
		For Class 54 Rating, Add	*404.75*	
		For Class 55 Rating, Add	*606.95*	
		For Class 56 Rating, Add	*806.52*	
40 05 19 00-3350	EA	18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,839.92	562.60
		For Class 52 Rating, Deduct	*-328.63*	
		For Class 54 Rating, Add	*458.35*	
		For Class 55 Rating, Add	*686.67*	
		For Class 56 Rating, Add	*912.00*	
40 05 19 00-3351	EA	18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,200.90	565.17
		For Class 52 Rating, Deduct	*-367.90*	
		For Class 54 Rating, Add	*511.96*	
		For Class 55 Rating, Add	*766.39*	
		For Class 56 Rating, Add	*1,017.48*	
40 05 19 00-3352	EA	18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,561.88	567.76
		For Class 52 Rating, Deduct	*-407.18*	
		For Class 54 Rating, Add	*565.57*	
		For Class 55 Rating, Add	*846.11*	
		For Class 56 Rating, Add	*1,122.96*	
40 05 19 00-3353	EA	18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,922.86	570.32
		For Class 52 Rating, Deduct	*-446.46*	
		For Class 54 Rating, Add	*619.18*	
		For Class 55 Rating, Add	*925.83*	
		For Class 56 Rating, Add	*1,228.43*	
40 05 19 00-3354	EA	18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,283.83	572.90
		For Class 52 Rating, Deduct	*-485.74*	
		For Class 54 Rating, Add	*672.78*	
		For Class 55 Rating, Add	*1,005.55*	
		For Class 56 Rating, Add	*1,333.91*	
40 05 19 00-3355	EA	18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,644.80	575.48
		For Class 52 Rating, Deduct	*-525.01*	
		For Class 54 Rating, Add	*726.39*	
		For Class 55 Rating, Add	*1,085.27*	
		For Class 56 Rating, Add	*1,439.38*	
40 05 19 00-3356	EA	18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,005.77	578.06
		For Class 52 Rating, Deduct	*-564.29*	
		For Class 54 Rating, Add	*780.00*	
		For Class 55 Rating, Add	*1,164.99*	
		For Class 56 Rating, Add	*1,544.86*	
40 05 19 00-3357	EA	18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,366.76	580.63
		For Class 52 Rating, Deduct	*-603.57*	
		For Class 54 Rating, Add	*833.61*	
		For Class 55 Rating, Add	*1,244.72*	
		For Class 56 Rating, Add	*1,650.34*	
40 05 19 00-3358	EA	18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,727.73	583.20
		For Class 52 Rating, Deduct	*-642.85*	
		For Class 54 Rating, Add	*887.22*	
		For Class 55 Rating, Add	*1,324.44*	
		For Class 56 Rating, Add	*1,755.82*	
40 05 19 00-3359	EA	18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,088.70	585.79
		For Class 52 Rating, Deduct	*-682.13*	
		For Class 54 Rating, Add	*940.82*	
		For Class 55 Rating, Add	*1,404.16*	
		For Class 56 Rating, Add	*1,861.29*	
40 05 19 00-3360	EA	18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,449.68	588.36
		For Class 52 Rating, Deduct	*-721.40*	
		For Class 54 Rating, Add	*994.43*	
		For Class 55 Rating, Add	*1,483.88*	
		For Class 56 Rating, Add	*1,966.77*	
40 05 19 00-3361	EA	18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,810.65	590.93
		For Class 52 Rating, Deduct	*-760.68*	
		For Class 54 Rating, Add	*1,048.04*	
		For Class 55 Rating, Add	*1,563.60*	
		For Class 56 Rating, Add	*2,072.24*	
40 05 19 00-3362	EA	18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,171.63	593.51
		For Class 52 Rating, Deduct	*-799.96*	
		For Class 54 Rating, Add	*1,101.65*	
		For Class 55 Rating, Add	*1,643.32*	
		For Class 56 Rating, Add	*2,177.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3363	EA	18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,532.60	596.09
		For Class 52 Rating, Deduct	*-839.24*	
		For Class 54 Rating, Add	*1,155.25*	
		For Class 55 Rating, Add	*1,723.04*	
		For Class 56 Rating, Add	*2,283.20*	
40 05 19 00-3364	EA	18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,893.58	598.66
		For Class 52 Rating, Deduct	*-878.52*	
		For Class 54 Rating, Add	*1,208.86*	
		For Class 55 Rating, Add	*1,802.76*	
		For Class 56 Rating, Add	*2,388.67*	
40 05 19 00-3365	EA	18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,254.55	601.24
		For Class 52 Rating, Deduct	*-917.79*	
		For Class 54 Rating, Add	*1,262.47*	
		For Class 55 Rating, Add	*1,882.48*	
		For Class 56 Rating, Add	*2,494.15*	
40 05 19 00-3366	EA	18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,615.53	603.82
		For Class 52 Rating, Deduct	*-957.07*	
		For Class 54 Rating, Add	*1,316.08*	
		For Class 55 Rating, Add	*1,962.20*	
		For Class 56 Rating, Add	*2,599.63*	
40 05 19 00-3367	EA	18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,976.51	606.39
		For Class 52 Rating, Deduct	*-996.35*	
		For Class 54 Rating, Add	*1,369.68*	
		For Class 55 Rating, Add	*2,041.92*	
		For Class 56 Rating, Add	*2,705.11*	
40 05 19 00-3368	EA	18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,337.49	608.96
		For Class 52 Rating, Deduct	*-1,035.63*	
		For Class 54 Rating, Add	*1,423.29*	
		For Class 55 Rating, Add	*2,121.64*	
		For Class 56 Rating, Add	*2,810.58*	
40 05 19 00-3369	EA	18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,698.45	611.54
		For Class 52 Rating, Deduct	*-1,074.91*	
		For Class 54 Rating, Add	*1,476.90*	
		For Class 55 Rating, Add	*2,201.36*	
		For Class 56 Rating, Add	*2,916.06*	
40 05 19 00-3370	EA	18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,059.42	614.13
		For Class 52 Rating, Deduct	*-1,114.18*	
		For Class 54 Rating, Add	*1,530.51*	
		For Class 55 Rating, Add	*2,281.09*	
		For Class 56 Rating, Add	*3,021.53*	
40 05 19 00-3371	EA	18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,420.40	616.69
		For Class 52 Rating, Deduct	*-1,153.46*	
		For Class 54 Rating, Add	*1,584.11*	
		For Class 55 Rating, Add	*2,360.81*	
		For Class 56 Rating, Add	*3,127.01*	
40 05 19 00-3372	EA	18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,781.38	619.27
		For Class 52 Rating, Deduct	*-1,192.74*	
		For Class 54 Rating, Add	*1,637.72*	
		For Class 55 Rating, Add	*2,440.53*	
		For Class 56 Rating, Add	*3,232.49*	
40 05 19 00-3373	EA	18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,142.36	621.85
		For Class 52 Rating, Deduct	*-1,232.02*	
		For Class 54 Rating, Add	*1,691.33*	
		For Class 55 Rating, Add	*2,520.25*	
		For Class 56 Rating, Add	*3,337.97*	
40 05 19 00-3374	EA	18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,503.33	624.43
		For Class 52 Rating, Deduct	*-1,271.30*	
		For Class 54 Rating, Add	*1,744.94*	
		For Class 55 Rating, Add	*2,599.97*	
		For Class 56 Rating, Add	*3,443.44*	
40 05 19 00-3375	EA	18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,864.30	627.00
		For Class 52 Rating, Deduct	*-1,310.57*	
		For Class 54 Rating, Add	*1,798.55*	
		For Class 55 Rating, Add	*2,679.69*	
		For Class 56 Rating, Add	*3,548.92*	
40 05 19 00-3376	EA	18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,225.27	629.57
		For Class 52 Rating, Deduct	*-1,349.85*	
		For Class 54 Rating, Add	*1,852.15*	
		For Class 55 Rating, Add	*2,759.41*	
		For Class 56 Rating, Add	*3,654.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3377	EA	18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,586.26	632.16
		For Class 52 Rating, Deduct	*-1,389.13*	
		For Class 54 Rating, Add	*1,905.76*	
		For Class 55 Rating, Add	*2,839.13*	
		For Class 56 Rating, Add	*3,759.87*	
40 05 19 00-3378	EA	18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,947.23	634.72
		For Class 52 Rating, Deduct	*-1,428.41*	
		For Class 54 Rating, Add	*1,959.37*	
		For Class 55 Rating, Add	*2,918.85*	
		For Class 56 Rating, Add	*3,865.35*	
40 05 19 00-3379	EA	18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,308.20	637.30
		For Class 52 Rating, Deduct	*-1,467.68*	
		For Class 54 Rating, Add	*2,012.98*	
		For Class 55 Rating, Add	*2,998.57*	
		For Class 56 Rating, Add	*3,970.83*	
40 05 19 00-3380	EA	18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,669.18	639.89
		For Class 52 Rating, Deduct	*-1,506.96*	
		For Class 54 Rating, Add	*2,066.58*	
		For Class 55 Rating, Add	*3,078.29*	
		For Class 56 Rating, Add	*4,076.30*	
40 05 19 00-3381	EA	18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,030.15	642.46
		For Class 52 Rating, Deduct	*-1,546.24*	
		For Class 54 Rating, Add	*2,120.19*	
		For Class 55 Rating, Add	*3,158.01*	
		For Class 56 Rating, Add	*4,181.78*	
40 05 19 00-3382	EA	18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,391.13	645.03
		For Class 52 Rating, Deduct	*-1,585.52*	
		For Class 54 Rating, Add	*2,173.80*	
		For Class 55 Rating, Add	*3,237.74*	
		For Class 56 Rating, Add	*4,287.26*	
40 05 19 00-3383	EA	18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,752.10	647.60
		For Class 52 Rating, Deduct	*-1,624.80*	
		For Class 54 Rating, Add	*2,227.41*	
		For Class 55 Rating, Add	*3,317.46*	
		For Class 56 Rating, Add	*4,392.73*	
40 05 19 00-3384	EA	18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,113.08	650.19
		For Class 52 Rating, Deduct	*-1,664.07*	
		For Class 54 Rating, Add	*2,281.01*	
		For Class 55 Rating, Add	*3,397.18*	
		For Class 56 Rating, Add	*4,498.21*	
40 05 19 00-3385	EA	18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,474.05	652.76
		For Class 52 Rating, Deduct	*-1,703.35*	
		For Class 54 Rating, Add	*2,334.62*	
		For Class 55 Rating, Add	*3,476.90*	
		For Class 56 Rating, Add	*4,603.69*	
40 05 19 00-3386		20" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*		
40 05 19 00-3387	EA	20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,630.19	636.28
		For Class 52 Rating, Deduct	*-293.28*	
		For Class 54 Rating, Add	*411.49*	
		For Class 55 Rating, Add	*617.69*	
		For Class 56 Rating, Add	*821.22*	
40 05 19 00-3388	EA	20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,041.16	638.85
		For Class 52 Rating, Deduct	*-338.05*	
		For Class 54 Rating, Add	*472.60*	
		For Class 55 Rating, Add	*708.55*	
		For Class 56 Rating, Add	*941.44*	
40 05 19 00-3389	EA	20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,452.11	641.42
		For Class 52 Rating, Deduct	*-382.83*	
		For Class 54 Rating, Add	*533.70*	
		For Class 55 Rating, Add	*799.42*	
		For Class 56 Rating, Add	*1,061.66*	
40 05 19 00-3390	EA	20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,863.08	644.00
		For Class 52 Rating, Deduct	*-427.61*	
		For Class 54 Rating, Add	*594.81*	
		For Class 55 Rating, Add	*890.29*	
		For Class 56 Rating, Add	*1,181.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3391	EA	20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,274.05	646.58
		For Class 52 Rating, Deduct	*-472.38*	
		For Class 54 Rating, Add	*655.91*	
		For Class 55 Rating, Add	*981.16*	
		For Class 56 Rating, Add	*1,302.11*	
40 05 19 00-3392	EA	20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,685.02	649.15
		For Class 52 Rating, Deduct	*-517.16*	
		For Class 54 Rating, Add	*717.02*	
		For Class 55 Rating, Add	*1,072.03*	
		For Class 56 Rating, Add	*1,422.34*	
40 05 19 00-3393	EA	20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,095.98	651.73
		For Class 52 Rating, Deduct	*-561.94*	
		For Class 54 Rating, Add	*778.13*	
		For Class 55 Rating, Add	*1,162.90*	
		For Class 56 Rating, Add	*1,542.56*	
40 05 19 00-3394	EA	20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,506.94	654.31
		For Class 52 Rating, Deduct	*-606.71*	
		For Class 54 Rating, Add	*839.23*	
		For Class 55 Rating, Add	*1,253.76*	
		For Class 56 Rating, Add	*1,662.78*	
40 05 19 00-3395	EA	20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,917.91	656.88
		For Class 52 Rating, Deduct	*-651.49*	
		For Class 54 Rating, Add	*900.34*	
		For Class 55 Rating, Add	*1,344.63*	
		For Class 56 Rating, Add	*1,783.01*	
40 05 19 00-3396	EA	20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,328.87	659.45
		For Class 52 Rating, Deduct	*-696.27*	
		For Class 54 Rating, Add	*961.45*	
		For Class 55 Rating, Add	*1,435.50*	
		For Class 56 Rating, Add	*1,903.23*	
40 05 19 00-3397	EA	20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,739.84	662.04
		For Class 52 Rating, Deduct	*-741.04*	
		For Class 54 Rating, Add	*1,022.55*	
		For Class 55 Rating, Add	*1,526.37*	
		For Class 56 Rating, Add	*2,023.46*	
40 05 19 00-3398	EA	20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,150.80	664.61
		For Class 52 Rating, Deduct	*-785.82*	
		For Class 54 Rating, Add	*1,083.66*	
		For Class 55 Rating, Add	*1,617.24*	
		For Class 56 Rating, Add	*2,143.68*	
40 05 19 00-3399	EA	20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,561.77	667.18
		For Class 52 Rating, Deduct	*-830.60*	
		For Class 54 Rating, Add	*1,144.76*	
		For Class 55 Rating, Add	*1,708.11*	
		For Class 56 Rating, Add	*2,263.90*	
40 05 19 00-3400	EA	20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,972.73	669.76
		For Class 52 Rating, Deduct	*-875.37*	
		For Class 54 Rating, Add	*1,205.87*	
		For Class 55 Rating, Add	*1,798.98*	
		For Class 56 Rating, Add	*2,384.12*	
40 05 19 00-3401	EA	20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,383.71	672.34
		For Class 52 Rating, Deduct	*-920.15*	
		For Class 54 Rating, Add	*1,266.98*	
		For Class 55 Rating, Add	*1,889.85*	
		For Class 56 Rating, Add	*2,504.35*	
40 05 19 00-3402	EA	20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,794.67	674.92
		For Class 52 Rating, Deduct	*-964.93*	
		For Class 54 Rating, Add	*1,328.08*	
		For Class 55 Rating, Add	*1,980.71*	
		For Class 56 Rating, Add	*2,624.57*	
40 05 19 00-3403	EA	20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,205.62	677.48
		For Class 52 Rating, Deduct	*-1,009.70*	
		For Class 54 Rating, Add	*1,389.19*	
		For Class 55 Rating, Add	*2,071.58*	
		For Class 56 Rating, Add	*2,744.80*	
40 05 19 00-3404	EA	20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,616.59	680.07
		For Class 52 Rating, Deduct	*-1,054.48*	
		For Class 54 Rating, Add	*1,450.29*	
		For Class 55 Rating, Add	*2,162.45*	
		For Class 56 Rating, Add	*2,865.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3405	EA	20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,027.56	682.64
		For Class 52 Rating, Deduct	*-1,099.26*	
		For Class 54 Rating, Add	*1,511.40*	
		For Class 55 Rating, Add	*2,253.32*	
		For Class 56 Rating, Add	*2,985.25*	
40 05 19 00-3406	EA	20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,438.53	685.22
		For Class 52 Rating, Deduct	*-1,144.04*	
		For Class 54 Rating, Add	*1,572.51*	
		For Class 55 Rating, Add	*2,344.19*	
		For Class 56 Rating, Add	*3,105.47*	
40 05 19 00-3407	EA	20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,849.49	687.79
		For Class 52 Rating, Deduct	*-1,188.81*	
		For Class 54 Rating, Add	*1,633.61*	
		For Class 55 Rating, Add	*2,435.06*	
		For Class 56 Rating, Add	*3,225.69*	
40 05 19 00-3408	EA	20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,260.46	690.37
		For Class 52 Rating, Deduct	*-1,233.59*	
		For Class 54 Rating, Add	*1,694.72*	
		For Class 55 Rating, Add	*2,525.92*	
		For Class 56 Rating, Add	*3,345.92*	
40 05 19 00-3409	EA	20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,671.42	692.95
		For Class 52 Rating, Deduct	*-1,278.37*	
		For Class 54 Rating, Add	*1,755.82*	
		For Class 55 Rating, Add	*2,616.79*	
		For Class 56 Rating, Add	*3,466.14*	
40 05 19 00-3410	EA	20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,082.39	695.51
		For Class 52 Rating, Deduct	*-1,323.14*	
		For Class 54 Rating, Add	*1,816.93*	
		For Class 55 Rating, Add	*2,707.66*	
		For Class 56 Rating, Add	*3,586.37*	
40 05 19 00-3411	EA	20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,493.35	698.10
		For Class 52 Rating, Deduct	*-1,367.92*	
		For Class 54 Rating, Add	*1,878.04*	
		For Class 55 Rating, Add	*2,798.53*	
		For Class 56 Rating, Add	*3,706.59*	
40 05 19 00-3412	EA	20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,904.32	700.67
		For Class 52 Rating, Deduct	*-1,412.70*	
		For Class 54 Rating, Add	*1,939.14*	
		For Class 55 Rating, Add	*2,889.40*	
		For Class 56 Rating, Add	*3,826.81*	
40 05 19 00-3413	EA	20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,315.28	703.25
		For Class 52 Rating, Deduct	*-1,457.47*	
		For Class 54 Rating, Add	*2,000.25*	
		For Class 55 Rating, Add	*2,980.27*	
		For Class 56 Rating, Add	*3,947.04*	
40 05 19 00-3414	EA	20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,726.24	705.83
		For Class 52 Rating, Deduct	*-1,502.25*	
		For Class 54 Rating, Add	*2,061.35*	
		For Class 55 Rating, Add	*3,071.13*	
		For Class 56 Rating, Add	*4,067.26*	
40 05 19 00-3415	EA	20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,137.22	708.40
		For Class 52 Rating, Deduct	*-1,547.03*	
		For Class 54 Rating, Add	*2,122.46*	
		For Class 55 Rating, Add	*3,162.01*	
		For Class 56 Rating, Add	*4,187.48*	
40 05 19 00-3416	EA	20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,548.17	710.98
		For Class 52 Rating, Deduct	*-1,591.80*	
		For Class 54 Rating, Add	*2,183.57*	
		For Class 55 Rating, Add	*3,252.87*	
		For Class 56 Rating, Add	*4,307.71*	
40 05 19 00-3417	EA	20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,959.14	713.54
		For Class 52 Rating, Deduct	*-1,636.58*	
		For Class 54 Rating, Add	*2,244.67*	
		For Class 55 Rating, Add	*3,343.74*	
		For Class 56 Rating, Add	*4,427.93*	
40 05 19 00-3418	EA	20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,370.10	716.13
		For Class 52 Rating, Deduct	*-1,681.36*	
		For Class 54 Rating, Add	*2,305.78*	
		For Class 55 Rating, Add	*3,434.61*	
		For Class 56 Rating, Add	*4,548.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3419	EA	20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,781.07	718.71
		For Class 52 Rating, Deduct	*-1,726.13*	
		For Class 54 Rating, Add	*2,366.89*	
		For Class 55 Rating, Add	*3,525.48*	
		For Class 56 Rating, Add	*4,668.38*	
40 05 19 00-3420	EA	20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,192.04	721.28
		For Class 52 Rating, Deduct	*-1,770.91*	
		For Class 54 Rating, Add	*2,427.99*	
		For Class 55 Rating, Add	*3,616.35*	
		For Class 56 Rating, Add	*4,788.60*	
40 05 19 00-3421	EA	20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,603.01	723.86
		For Class 52 Rating, Deduct	*-1,815.69*	
		For Class 54 Rating, Add	*2,489.10*	
		For Class 55 Rating, Add	*3,707.22*	
		For Class 56 Rating, Add	*4,908.83*	
40 05 19 00-3422	EA	20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,013.97	726.43
		For Class 52 Rating, Deduct	*-1,860.46*	
		For Class 54 Rating, Add	*2,550.20*	
		For Class 55 Rating, Add	*3,798.08*	
		For Class 56 Rating, Add	*5,029.05*	
40 05 19 00-3423	EA	20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,424.92	729.01
		For Class 52 Rating, Deduct	*-1,905.24*	
		For Class 54 Rating, Add	*2,611.31*	
		For Class 55 Rating, Add	*3,888.95*	
		For Class 56 Rating, Add	*5,149.27*	
40 05 19 00-3424	EA	20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,835.89	731.58
		For Class 52 Rating, Deduct	*-1,950.02*	
		For Class 54 Rating, Add	*2,672.42*	
		For Class 55 Rating, Add	*3,979.82*	
		For Class 56 Rating, Add	*5,269.50*	

40 05 19 00-3425 24" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

40 05 19 00-3426	EA	24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,467.60	752.19
		For Class 52 Rating, Deduct	*-366.07*	
		For Class 54 Rating, Add	*512.86*	
		For Class 55 Rating, Add	*769.48*	
		For Class 56 Rating, Add	*1,022.76*	
40 05 19 00-3427	EA	24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,976.16	754.77
		For Class 52 Rating, Deduct	*-421.58*	
		For Class 54 Rating, Add	*588.61*	
		For Class 55 Rating, Add	*882.11*	
		For Class 56 Rating, Add	*1,171.78*	
40 05 19 00-3428	EA	24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,484.72	757.35
		For Class 52 Rating, Deduct	*-477.10*	
		For Class 54 Rating, Add	*664.35*	
		For Class 55 Rating, Add	*994.74*	
		For Class 56 Rating, Add	*1,320.79*	
40 05 19 00-3429	EA	24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,993.30	759.91
		For Class 52 Rating, Deduct	*-532.61*	
		For Class 54 Rating, Add	*740.10*	
		For Class 55 Rating, Add	*1,107.38*	
		For Class 56 Rating, Add	*1,469.81*	
40 05 19 00-3430	EA	24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,501.86	762.50
		For Class 52 Rating, Deduct	*-588.12*	
		For Class 54 Rating, Add	*815.85*	
		For Class 55 Rating, Add	*1,220.01*	
		For Class 56 Rating, Add	*1,618.83*	
40 05 19 00-3431	EA	24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,010.42	765.07
		For Class 52 Rating, Deduct	*-643.63*	
		For Class 54 Rating, Add	*891.59*	
		For Class 55 Rating, Add	*1,332.64*	
		For Class 56 Rating, Add	*1,767.84*	
40 05 19 00-3432	EA	24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,518.98	767.65
		For Class 52 Rating, Deduct	*-699.15*	
		For Class 54 Rating, Add	*967.34*	
		For Class 55 Rating, Add	*1,445.28*	
		For Class 56 Rating, Add	*1,916.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3433	EA	24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,027.55	770.23
		For Class 52 Rating, Deduct	*-754.66*	
		For Class 54 Rating, Add	*1,043.09*	
		For Class 55 Rating, Add	*1,557.91*	
		For Class 56 Rating, Add	*2,065.87*	
40 05 19 00-3434	EA	24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,536.12	772.80
		For Class 52 Rating, Deduct	*-810.17*	
		For Class 54 Rating, Add	*1,118.83*	
		For Class 55 Rating, Add	*1,670.54*	
		For Class 56 Rating, Add	*2,214.89*	
40 05 19 00-3435	EA	24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,044.69	775.38
		For Class 52 Rating, Deduct	*-865.69*	
		For Class 54 Rating, Add	*1,194.58*	
		For Class 55 Rating, Add	*1,783.18*	
		For Class 56 Rating, Add	*2,363.91*	
40 05 19 00-3436	EA	24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,553.25	777.94
		For Class 52 Rating, Deduct	*-921.20*	
		For Class 54 Rating, Add	*1,270.32*	
		For Class 55 Rating, Add	*1,895.81*	
		For Class 56 Rating, Add	*2,512.92*	
40 05 19 00-3437	EA	24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,061.82	780.53
		For Class 52 Rating, Deduct	*-976.71*	
		For Class 54 Rating, Add	*1,346.07*	
		For Class 55 Rating, Add	*2,008.44*	
		For Class 56 Rating, Add	*2,661.94*	
40 05 19 00-3438	EA	24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,570.37	783.11
		For Class 52 Rating, Deduct	*-1,032.22*	
		For Class 54 Rating, Add	*1,421.82*	
		For Class 55 Rating, Add	*2,121.08*	
		For Class 56 Rating, Add	*2,810.95*	
40 05 19 00-3439	EA	24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,078.93	785.68
		For Class 52 Rating, Deduct	*-1,087.74*	
		For Class 54 Rating, Add	*1,497.56*	
		For Class 55 Rating, Add	*2,233.71*	
		For Class 56 Rating, Add	*2,959.97*	
40 05 19 00-3440	EA	24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,587.51	788.26
		For Class 52 Rating, Deduct	*-1,143.25*	
		For Class 54 Rating, Add	*1,573.31*	
		For Class 55 Rating, Add	*2,346.34*	
		For Class 56 Rating, Add	*3,108.98*	
40 05 19 00-3441	EA	24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,096.07	790.83
		For Class 52 Rating, Deduct	*-1,198.76*	
		For Class 54 Rating, Add	*1,649.05*	
		For Class 55 Rating, Add	*2,458.98*	
		For Class 56 Rating, Add	*3,258.00*	
40 05 19 00-3442	EA	24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,604.64	793.41
		For Class 52 Rating, Deduct	*-1,254.28*	
		For Class 54 Rating, Add	*1,724.80*	
		For Class 55 Rating, Add	*2,571.61*	
		For Class 56 Rating, Add	*3,407.01*	
40 05 19 00-3443	EA	24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,113.20	795.98
		For Class 52 Rating, Deduct	*-1,309.79*	
		For Class 54 Rating, Add	*1,800.55*	
		For Class 55 Rating, Add	*2,684.24*	
		For Class 56 Rating, Add	*3,556.03*	
40 05 19 00-3444	EA	24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,621.76	798.56
		For Class 52 Rating, Deduct	*-1,365.30*	
		For Class 54 Rating, Add	*1,876.29*	
		For Class 55 Rating, Add	*2,796.87*	
		For Class 56 Rating, Add	*3,705.04*	
40 05 19 00-3445	EA	24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,130.32	801.14
		For Class 52 Rating, Deduct	*-1,420.81*	
		For Class 54 Rating, Add	*1,952.04*	
		For Class 55 Rating, Add	*2,909.51*	
		For Class 56 Rating, Add	*3,854.06*	
40 05 19 00-3446	EA	24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,638.90	803.71
		For Class 52 Rating, Deduct	*-1,476.33*	
		For Class 54 Rating, Add	*2,027.79*	
		For Class 55 Rating, Add	*3,022.14*	
		For Class 56 Rating, Add	*4,003.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3447	EA	24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,147.46	806.29
		For Class 52 Rating, Deduct	*-1,531.84*	
		For Class 54 Rating, Add	*2,103.53*	
		For Class 55 Rating, Add	*3,134.78*	
		For Class 56 Rating, Add	*4,152.09*	
40 05 19 00-3448	EA	24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,656.02	808.87
		For Class 52 Rating, Deduct	*-1,587.35*	
		For Class 54 Rating, Add	*2,179.28*	
		For Class 55 Rating, Add	*3,247.41*	
		For Class 56 Rating, Add	*4,301.11*	
40 05 19 00-3449	EA	24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,164.59	811.44
		For Class 52 Rating, Deduct	*-1,642.86*	
		For Class 54 Rating, Add	*2,255.02*	
		For Class 55 Rating, Add	*3,360.04*	
		For Class 56 Rating, Add	*4,450.12*	
40 05 19 00-3450	EA	24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,673.15	814.03
		For Class 52 Rating, Deduct	*-1,698.38*	
		For Class 54 Rating, Add	*2,330.77*	
		For Class 55 Rating, Add	*3,472.67*	
		For Class 56 Rating, Add	*4,599.14*	
40 05 19 00-3451	EA	24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,181.72	816.59
		For Class 52 Rating, Deduct	*-1,753.89*	
		For Class 54 Rating, Add	*2,406.52*	
		For Class 55 Rating, Add	*3,585.31*	
		For Class 56 Rating, Add	*4,748.16*	
40 05 19 00-3452	EA	24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,690.28	819.17
		For Class 52 Rating, Deduct	*-1,809.40*	
		For Class 54 Rating, Add	*2,482.26*	
		For Class 55 Rating, Add	*3,697.94*	
		For Class 56 Rating, Add	*4,897.17*	
40 05 19 00-3453	EA	24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,198.85	821.75
		For Class 52 Rating, Deduct	*-1,864.92*	
		For Class 54 Rating, Add	*2,558.01*	
		For Class 55 Rating, Add	*3,810.57*	
		For Class 56 Rating, Add	*5,046.19*	
40 05 19 00-3454	EA	24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,707.41	824.32
		For Class 52 Rating, Deduct	*-1,920.43*	
		For Class 54 Rating, Add	*2,633.75*	
		For Class 55 Rating, Add	*3,923.21*	
		For Class 56 Rating, Add	*5,195.20*	
40 05 19 00-3455	EA	24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,282.32	870.69
		For Class 52 Rating, Deduct	*-1,975.94*	
		For Class 54 Rating, Add	*2,710.30*	
		For Class 55 Rating, Add	*4,037.43*	
		For Class 56 Rating, Add	*5,346.61*	
40 05 19 00-3456	EA	24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,790.89	873.26
		For Class 52 Rating, Deduct	*-2,031.45*	
		For Class 54 Rating, Add	*2,786.04*	
		For Class 55 Rating, Add	*4,150.07*	
		For Class 56 Rating, Add	*5,495.62*	
40 05 19 00-3457	EA	24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,299.46	875.84
		For Class 52 Rating, Deduct	*-2,086.97*	
		For Class 54 Rating, Add	*2,861.79*	
		For Class 55 Rating, Add	*4,262.70*	
		For Class 56 Rating, Add	*5,644.64*	
40 05 19 00-3458	EA	24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,808.03	878.43
		For Class 52 Rating, Deduct	*-2,142.48*	
		For Class 54 Rating, Add	*2,937.53*	
		For Class 55 Rating, Add	*4,375.33*	
		For Class 56 Rating, Add	*5,793.66*	
40 05 19 00-3459	EA	24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,316.59	880.99
		For Class 52 Rating, Deduct	*-2,197.99*	
		For Class 54 Rating, Add	*3,013.28*	
		For Class 55 Rating, Add	*4,487.97*	
		For Class 56 Rating, Add	*5,942.67*	
40 05 19 00-3460	EA	24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,205.64	883.57
		For Class 52 Rating, Deduct	*-2,515.36*	
		For Class 54 Rating, Add	*3,446.10*	
		For Class 55 Rating, Add	*5,131.45*	
		For Class 56 Rating, Add	*6,793.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3461	EA	24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,333.71	886.14
		For Class 52 Rating, Deduct	*-2,309.02*	
		For Class 54 Rating, Add	*3,164.77*	
		For Class 55 Rating, Add	*4,713.23*	
		For Class 56 Rating, Add	*6,240.70*	
40 05 19 00-3462	EA	24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,842.27	888.72
		For Class 52 Rating, Deduct	*-2,364.53*	
		For Class 54 Rating, Add	*3,240.52*	
		For Class 55 Rating, Add	*4,825.86*	
		For Class 56 Rating, Add	*6,389.72*	
40 05 19 00-3463	EA	24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,350.85	891.30
		For Class 52 Rating, Deduct	*-2,420.04*	
		For Class 54 Rating, Add	*3,316.27*	
		For Class 55 Rating, Add	*4,938.50*	
		For Class 56 Rating, Add	*6,538.73*	
40 05 19 00-3464		30" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*		
40 05 19 00-3465	EA	30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,544.98	1,061.32
		For Class 52 Rating, Deduct	*-653.06*	
		For Class 54 Rating, Add	*909.83*	
		For Class 55 Rating, Add	*1,362.53*	
		For Class 56 Rating, Add	*1,809.28*	
40 05 19 00-3466	EA	30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,272.53	1,063.89
		For Class 52 Rating, Deduct	*-732.66*	
		For Class 54 Rating, Add	*1,018.43*	
		For Class 55 Rating, Add	*1,524.00*	
		For Class 56 Rating, Add	*2,022.90*	
40 05 19 00-3467	EA	30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,000.11	1,066.46
		For Class 52 Rating, Deduct	*-812.27*	
		For Class 54 Rating, Add	*1,127.03*	
		For Class 55 Rating, Add	*1,685.47*	
		For Class 56 Rating, Add	*2,236.52*	
40 05 19 00-3468	EA	30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,727.67	1,069.05
		For Class 52 Rating, Deduct	*-891.87*	
		For Class 54 Rating, Add	*1,235.62*	
		For Class 55 Rating, Add	*1,846.94*	
		For Class 56 Rating, Add	*2,450.14*	
40 05 19 00-3469	EA	30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,455.24	1,071.62
		For Class 52 Rating, Deduct	*-971.47*	
		For Class 54 Rating, Add	*1,344.22*	
		For Class 55 Rating, Add	*2,008.41*	
		For Class 56 Rating, Add	*2,663.77*	
40 05 19 00-3470	EA	30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,182.82	1,074.19
		For Class 52 Rating, Deduct	*-1,051.08*	
		For Class 54 Rating, Add	*1,452.82*	
		For Class 55 Rating, Add	*2,169.88*	
		For Class 56 Rating, Add	*2,877.39*	
40 05 19 00-3471	EA	30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,910.38	1,076.77
		For Class 52 Rating, Deduct	*-1,130.68*	
		For Class 54 Rating, Add	*1,561.41*	
		For Class 55 Rating, Add	*2,331.35*	
		For Class 56 Rating, Add	*3,091.01*	
40 05 19 00-3472	EA	30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,637.95	1,079.35
		For Class 52 Rating, Deduct	*-1,210.28*	
		For Class 54 Rating, Add	*1,670.01*	
		For Class 55 Rating, Add	*2,492.82*	
		For Class 56 Rating, Add	*3,304.63*	
40 05 19 00-3473	EA	30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,365.51	1,081.92
		For Class 52 Rating, Deduct	*-1,289.89*	
		For Class 54 Rating, Add	*1,778.61*	
		For Class 55 Rating, Add	*2,654.29*	
		For Class 56 Rating, Add	*3,518.25*	
40 05 19 00-3474	EA	30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,093.09	1,084.49
		For Class 52 Rating, Deduct	*-1,369.49*	
		For Class 54 Rating, Add	*1,887.20*	
		For Class 55 Rating, Add	*2,815.77*	
		For Class 56 Rating, Add	*3,731.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3475	EA	30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,820.66	1,087.07
		For Class 52 Rating, Deduct	*-1,449.09*	
		For Class 54 Rating, Add	*1,995.80*	
		For Class 55 Rating, Add	*2,977.24*	
		For Class 56 Rating, Add	*3,945.50*	
40 05 19 00-3476	EA	30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,548.23	1,089.66
		For Class 52 Rating, Deduct	*-1,528.70*	
		For Class 54 Rating, Add	*2,104.40*	
		For Class 55 Rating, Add	*3,138.71*	
		For Class 56 Rating, Add	*4,159.12*	
40 05 19 00-3477	EA	30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,275.80	1,092.22
		For Class 52 Rating, Deduct	*-1,608.30*	
		For Class 54 Rating, Add	*2,213.00*	
		For Class 55 Rating, Add	*3,300.18*	
		For Class 56 Rating, Add	*4,372.74*	
40 05 19 00-3478	EA	30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,003.36	1,094.80
		For Class 52 Rating, Deduct	*-1,687.90*	
		For Class 54 Rating, Add	*2,321.59*	
		For Class 55 Rating, Add	*3,461.65*	
		For Class 56 Rating, Add	*4,586.36*	
40 05 19 00-3479	EA	30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,730.93	1,097.38
		For Class 52 Rating, Deduct	*-1,767.51*	
		For Class 54 Rating, Add	*2,430.19*	
		For Class 55 Rating, Add	*3,623.12*	
		For Class 56 Rating, Add	*4,799.99*	
40 05 19 00-3480	EA	30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,458.50	1,099.95
		For Class 52 Rating, Deduct	*-1,847.11*	
		For Class 54 Rating, Add	*2,538.79*	
		For Class 55 Rating, Add	*3,784.59*	
		For Class 56 Rating, Add	*5,013.61*	
40 05 19 00-3481	EA	30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,186.07	1,102.53
		For Class 52 Rating, Deduct	*-1,926.71*	
		For Class 54 Rating, Add	*2,647.38*	
		For Class 55 Rating, Add	*3,946.06*	
		For Class 56 Rating, Add	*5,227.23*	
40 05 19 00-3482	EA	30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,913.64	1,105.10
		For Class 52 Rating, Deduct	*-2,006.32*	
		For Class 54 Rating, Add	*2,755.98*	
		For Class 55 Rating, Add	*4,107.54*	
		For Class 56 Rating, Add	*5,440.85*	
40 05 19 00-3483	EA	30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,641.21	1,107.69
		For Class 52 Rating, Deduct	*-2,085.92*	
		For Class 54 Rating, Add	*2,864.57*	
		For Class 55 Rating, Add	*4,269.01*	
		For Class 56 Rating, Add	*5,654.47*	
40 05 19 00-3484	EA	30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,368.78	1,110.25
		For Class 52 Rating, Deduct	*-2,165.52*	
		For Class 54 Rating, Add	*2,973.17*	
		For Class 55 Rating, Add	*4,430.48*	
		For Class 56 Rating, Add	*5,868.10*	
40 05 19 00-3485	EA	30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,096.36	1,112.83
		For Class 52 Rating, Deduct	*-2,245.13*	
		For Class 54 Rating, Add	*3,081.77*	
		For Class 55 Rating, Add	*4,591.95*	
		For Class 56 Rating, Add	*6,081.72*	
40 05 19 00-3486	EA	30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,823.91	1,115.42
		For Class 52 Rating, Deduct	*-2,324.73*	
		For Class 54 Rating, Add	*3,190.37*	
		For Class 55 Rating, Add	*4,753.42*	
		For Class 56 Rating, Add	*6,295.34*	
40 05 19 00-3487	EA	30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,551.49	1,117.98
		For Class 52 Rating, Deduct	*-2,404.33*	
		For Class 54 Rating, Add	*3,298.96*	
		For Class 55 Rating, Add	*4,914.89*	
		For Class 56 Rating, Add	*6,508.96*	
40 05 19 00-3488	EA	30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,279.05	1,120.56
		For Class 52 Rating, Deduct	*-2,483.94*	
		For Class 54 Rating, Add	*3,407.56*	
		For Class 55 Rating, Add	*5,076.36*	
		For Class 56 Rating, Add	*6,722.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3489	EA	30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,006.62	1,123.13
		For Class 52 Rating, Deduct	*-2,563.54*	
		For Class 54 Rating, Add	*3,516.16*	
		For Class 55 Rating, Add	*5,237.83*	
		For Class 56 Rating, Add	*6,936.21*	
40 05 19 00-3490	EA	30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,734.20	1,125.72
		For Class 52 Rating, Deduct	*-2,643.14*	
		For Class 54 Rating, Add	*3,624.75*	
		For Class 55 Rating, Add	*5,399.31*	
		For Class 56 Rating, Add	*7,149.83*	
40 05 19 00-3491	EA	30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,461.76	1,128.29
		For Class 52 Rating, Deduct	*-2,722.75*	
		For Class 54 Rating, Add	*3,733.35*	
		For Class 55 Rating, Add	*5,560.78*	
		For Class 56 Rating, Add	*7,363.45*	
40 05 19 00-3492	EA	30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,189.34	1,130.86
		For Class 52 Rating, Deduct	*-2,802.35*	
		For Class 54 Rating, Add	*3,841.95*	
		For Class 55 Rating, Add	*5,722.25*	
		For Class 56 Rating, Add	*7,577.07*	
40 05 19 00-3493	EA	30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,916.89	1,133.45
		For Class 52 Rating, Deduct	*-2,881.95*	
		For Class 54 Rating, Add	*3,950.54*	
		For Class 55 Rating, Add	*5,883.72*	
		For Class 56 Rating, Add	*7,790.69*	
40 05 19 00-3494	EA	30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,644.47	1,136.02
		For Class 52 Rating, Deduct	*-2,961.56*	
		For Class 54 Rating, Add	*4,059.14*	
		For Class 55 Rating, Add	*6,045.19*	
		For Class 56 Rating, Add	*8,004.32*	
40 05 19 00-3495	EA	30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,372.03	1,138.59
		For Class 52 Rating, Deduct	*-3,041.16*	
		For Class 54 Rating, Add	*4,167.74*	
		For Class 55 Rating, Add	*6,206.66*	
		For Class 56 Rating, Add	*8,217.94*	
40 05 19 00-3496	EA	30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,099.61	1,141.17
		For Class 52 Rating, Deduct	*-3,120.76*	
		For Class 54 Rating, Add	*4,276.33*	
		For Class 55 Rating, Add	*6,368.13*	
		For Class 56 Rating, Add	*8,431.56*	
40 05 19 00-3497	EA	30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,827.18	1,143.75
		For Class 52 Rating, Deduct	*-3,200.37*	
		For Class 54 Rating, Add	*4,384.93*	
		For Class 55 Rating, Add	*6,529.60*	
		For Class 56 Rating, Add	*8,645.18*	
40 05 19 00-3498	EA	30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,554.74	1,146.32
		For Class 52 Rating, Deduct	*-3,279.97*	
		For Class 54 Rating, Add	*4,493.53*	
		For Class 55 Rating, Add	*6,691.07*	
		For Class 56 Rating, Add	*8,858.80*	
40 05 19 00-3499	EA	30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,282.32	1,148.89
		For Class 52 Rating, Deduct	*-3,359.57*	
		For Class 54 Rating, Add	*4,602.12*	
		For Class 55 Rating, Add	*6,852.55*	
		For Class 56 Rating, Add	*9,072.43*	
40 05 19 00-3500		36" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*		
40 05 19 00-3501	EA	36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,431.15	1,344.68
		For Class 52 Rating, Deduct	*-813.31*	
		For Class 54 Rating, Add	*1,133.51*	
		For Class 55 Rating, Add	*1,697.71*	
		For Class 56 Rating, Add	*2,254.51*	
40 05 19 00-3502	EA	36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,406.30	1,347.25
		For Class 52 Rating, Deduct	*-920.15*	
		For Class 54 Rating, Add	*1,279.25*	
		For Class 55 Rating, Add	*1,914.39*	
		For Class 56 Rating, Add	*2,541.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3503	EA	36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,381.43	1,349.82
		For Class 52 Rating, Deduct	*-1,026.99*	
		For Class 54 Rating, Add	*1,424.98*	
		For Class 55 Rating, Add	*2,131.07*	
		For Class 56 Rating, Add	*2,827.82*	
40 05 19 00-3504	EA	36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,356.58	1,352.41
		For Class 52 Rating, Deduct	*-1,133.82*	
		For Class 54 Rating, Add	*1,570.71*	
		For Class 55 Rating, Add	*2,347.75*	
		For Class 56 Rating, Add	*3,114.47*	
40 05 19 00-3505	EA	36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,331.71	1,354.98
		For Class 52 Rating, Deduct	*-1,240.66*	
		For Class 54 Rating, Add	*1,716.44*	
		For Class 55 Rating, Add	*2,564.42*	
		For Class 56 Rating, Add	*3,401.13*	
40 05 19 00-3506	EA	36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,306.85	1,357.55
		For Class 52 Rating, Deduct	*-1,347.49*	
		For Class 54 Rating, Add	*1,862.18*	
		For Class 55 Rating, Add	*2,781.10*	
		For Class 56 Rating, Add	*3,687.78*	
40 05 19 00-3507	EA	36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,281.99	1,360.12
		For Class 52 Rating, Deduct	*-1,454.33*	
		For Class 54 Rating, Add	*2,007.91*	
		For Class 55 Rating, Add	*2,997.78*	
		For Class 56 Rating, Add	*3,974.44*	
40 05 19 00-3508	EA	36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,257.12	1,362.71
		For Class 52 Rating, Deduct	*-1,561.17*	
		For Class 54 Rating, Add	*2,153.64*	
		For Class 55 Rating, Add	*3,214.46*	
		For Class 56 Rating, Add	*4,261.09*	
40 05 19 00-3509	EA	36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,232.27	1,365.29
		For Class 52 Rating, Deduct	*-1,668.00*	
		For Class 54 Rating, Add	*2,299.37*	
		For Class 55 Rating, Add	*3,431.14*	
		For Class 56 Rating, Add	*4,547.75*	
40 05 19 00-3510	EA	36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,207.40	1,367.85
		For Class 52 Rating, Deduct	*-1,774.84*	
		For Class 54 Rating, Add	*2,445.10*	
		For Class 55 Rating, Add	*3,647.82*	
		For Class 56 Rating, Add	*4,834.40*	
40 05 19 00-3511	EA	36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,182.55	1,370.44
		For Class 52 Rating, Deduct	*-1,881.67*	
		For Class 54 Rating, Add	*2,590.84*	
		For Class 55 Rating, Add	*3,864.50*	
		For Class 56 Rating, Add	*5,121.06*	
40 05 19 00-3512	EA	36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,157.69	1,373.01
		For Class 52 Rating, Deduct	*-1,988.51*	
		For Class 54 Rating, Add	*2,736.57*	
		For Class 55 Rating, Add	*4,081.18*	
		For Class 56 Rating, Add	*5,407.72*	
40 05 19 00-3513	EA	36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,132.83	1,375.58
		For Class 52 Rating, Deduct	*-2,095.35*	
		For Class 54 Rating, Add	*2,882.30*	
		For Class 55 Rating, Add	*4,297.86*	
		For Class 56 Rating, Add	*5,694.37*	
40 05 19 00-3514	EA	36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,107.96	1,378.16
		For Class 52 Rating, Deduct	*-2,202.18*	
		For Class 54 Rating, Add	*3,028.03*	
		For Class 55 Rating, Add	*4,514.54*	
		For Class 56 Rating, Add	*5,981.03*	
40 05 19 00-3515	EA	36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,083.09	1,380.74
		For Class 52 Rating, Deduct	*-2,309.02*	
		For Class 54 Rating, Add	*3,173.76*	
		For Class 55 Rating, Add	*4,731.22*	
		For Class 56 Rating, Add	*6,267.68*	
40 05 19 00-3516	EA	36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,058.24	1,383.32
		For Class 52 Rating, Deduct	*-2,415.85*	
		For Class 54 Rating, Add	*3,319.50*	
		For Class 55 Rating, Add	*4,947.90*	
		For Class 56 Rating, Add	*6,554.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3517	EA	36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,033.37	1,385.88
		For Class 52 Rating, Deduct	*-2,522.69*	
		For Class 54 Rating, Add	*3,465.23*	
		For Class 55 Rating, Add	*5,164.58*	
		For Class 56 Rating, Add	*6,840.99*	
40 05 19 00-3518	EA	36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,008.52	1,388.47
		For Class 52 Rating, Deduct	*-2,629.53*	
		For Class 54 Rating, Add	*3,610.96*	
		For Class 55 Rating, Add	*5,381.26*	
		For Class 56 Rating, Add	*7,127.64*	
40 05 19 00-3519	EA	36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,983.66	1,391.05
		For Class 52 Rating, Deduct	*-2,736.36*	
		For Class 54 Rating, Add	*3,756.69*	
		For Class 55 Rating, Add	*5,597.94*	
		For Class 56 Rating, Add	*7,414.30*	
40 05 19 00-3520	EA	36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,958.80	1,393.62
		For Class 52 Rating, Deduct	*-2,843.20*	
		For Class 54 Rating, Add	*3,902.43*	
		For Class 55 Rating, Add	*5,814.61*	
		For Class 56 Rating, Add	*7,700.95*	
40 05 19 00-3521	EA	36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,933.93	1,396.19
		For Class 52 Rating, Deduct	*-2,950.03*	
		For Class 54 Rating, Add	*4,048.16*	
		For Class 55 Rating, Add	*6,031.29*	
		For Class 56 Rating, Add	*7,987.61*	
40 05 19 00-3522	EA	36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,909.07	1,398.77
		For Class 52 Rating, Deduct	*-3,056.87*	
		For Class 54 Rating, Add	*4,193.89*	
		For Class 55 Rating, Add	*6,247.97*	
		For Class 56 Rating, Add	*8,274.26*	
40 05 19 00-3523	EA	36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,884.21	1,401.35
		For Class 52 Rating, Deduct	*-3,163.71*	
		For Class 54 Rating, Add	*4,339.62*	
		For Class 55 Rating, Add	*6,464.65*	
		For Class 56 Rating, Add	*8,560.92*	
40 05 19 00-3524	EA	36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,859.36	1,403.92
		For Class 52 Rating, Deduct	*-3,270.54*	
		For Class 54 Rating, Add	*4,485.36*	
		For Class 55 Rating, Add	*6,681.33*	
		For Class 56 Rating, Add	*8,847.58*	
40 05 19 00-3525	EA	36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,834.49	1,406.50
		For Class 52 Rating, Deduct	*-3,377.38*	
		For Class 54 Rating, Add	*4,631.09*	
		For Class 55 Rating, Add	*6,898.01*	
		For Class 56 Rating, Add	*9,134.23*	
40 05 19 00-3526	EA	36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,809.63	1,409.08
		For Class 52 Rating, Deduct	*-3,484.21*	
		For Class 54 Rating, Add	*4,776.82*	
		For Class 55 Rating, Add	*7,114.69*	
		For Class 56 Rating, Add	*9,420.89*	
40 05 19 00-3527	EA	36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,784.77	1,411.65
		For Class 52 Rating, Deduct	*-3,591.05*	
		For Class 54 Rating, Add	*4,922.55*	
		For Class 55 Rating, Add	*7,331.37*	
		For Class 56 Rating, Add	*9,707.54*	
40 05 19 00-3528	EA	36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,759.90	1,414.22
		For Class 52 Rating, Deduct	*-3,697.89*	
		For Class 54 Rating, Add	*5,068.28*	
		For Class 55 Rating, Add	*7,548.05*	
		For Class 56 Rating, Add	*9,994.20*	
40 05 19 00-3529	EA	36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,735.04	1,416.81
		For Class 52 Rating, Deduct	*-3,804.72*	
		For Class 54 Rating, Add	*5,214.02*	
		For Class 55 Rating, Add	*7,764.73*	
		For Class 56 Rating, Add	*10,280.85*	
40 05 19 00-3530	EA	36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,710.18	1,419.38
		For Class 52 Rating, Deduct	*-3,911.56*	
		For Class 54 Rating, Add	*5,359.75*	
		For Class 55 Rating, Add	*7,981.41*	
		For Class 56 Rating, Add	*10,567.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3531	EA	36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,685.33	1,421.95
		For Class 52 Rating, Deduct	*-4,018.39*	
		For Class 54 Rating, Add	*5,505.48*	
		For Class 55 Rating, Add	*8,198.09*	
		For Class 56 Rating, Add	*10,854.16*	
40 05 19 00-3532	EA	36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,660.46	1,424.53
		For Class 52 Rating, Deduct	*-4,125.23*	
		For Class 54 Rating, Add	*5,651.21*	
		For Class 55 Rating, Add	*8,414.76*	
		For Class 56 Rating, Add	*11,140.82*	
40 05 19 00-3533	EA	36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,635.61	1,427.11
		For Class 52 Rating, Deduct	*-4,232.07*	
		For Class 54 Rating, Add	*5,796.95*	
		For Class 55 Rating, Add	*8,631.45*	
		For Class 56 Rating, Add	*11,427.47*	
40 05 19 00-3534	EA	36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,610.74	1,429.69
		For Class 52 Rating, Deduct	*-4,338.90*	
		For Class 54 Rating, Add	*5,942.68*	
		For Class 55 Rating, Add	*8,848.12*	
		For Class 56 Rating, Add	*11,714.13*	
40 05 19 00-3535	EA	36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,585.87	1,432.25
		For Class 52 Rating, Deduct	*-4,445.74*	
		For Class 54 Rating, Add	*6,088.41*	
		For Class 55 Rating, Add	*9,064.80*	
		For Class 56 Rating, Add	*12,000.78*	

40 05 19 00-3536 42" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

40 05 19 00-3537	EA	42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,480.51	1,695.01
		For Class 52 Rating, Deduct	*-1,090.36*	
		For Class 54 Rating, Add	*1,517.67*	
		For Class 55 Rating, Add	*2,272.08*	
		For Class 56 Rating, Add	*3,016.59*	
40 05 19 00-3538	EA	42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,917.47	1,697.58
		For Class 52 Rating, Deduct	*-1,247.99*	
		For Class 54 Rating, Add	*1,732.67*	
		For Class 55 Rating, Add	*2,591.75*	
		For Class 56 Rating, Add	*3,439.48*	
40 05 19 00-3539	EA	42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,342.51	1,700.16
		For Class 52 Rating, Deduct	*-1,404.32*	
		For Class 54 Rating, Add	*1,945.89*	
		For Class 55 Rating, Add	*2,908.76*	
		For Class 56 Rating, Add	*3,858.86*	
40 05 19 00-3540	EA	42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,781.85	1,702.74
		For Class 52 Rating, Deduct	*-1,562.21*	
		For Class 54 Rating, Add	*2,161.25*	
		For Class 55 Rating, Add	*3,228.95*	
		For Class 56 Rating, Add	*4,282.45*	
40 05 19 00-3541	EA	42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,211.66	1,705.31
		For Class 52 Rating, Deduct	*-1,719.06*	
		For Class 54 Rating, Add	*2,375.18*	
		For Class 55 Rating, Add	*3,547.02*	
		For Class 56 Rating, Add	*4,703.23*	
40 05 19 00-3542	EA	42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,655.76	1,707.89
		For Class 52 Rating, Deduct	*-1,877.48*	
		For Class 54 Rating, Add	*2,591.26*	
		For Class 55 Rating, Add	*3,868.28*	
		For Class 56 Rating, Add	*5,128.23*	
40 05 19 00-3543	EA	42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,085.56	1,710.47
		For Class 52 Rating, Deduct	*-2,034.33*	
		For Class 54 Rating, Add	*2,805.19*	
		For Class 55 Rating, Add	*4,186.35*	
		For Class 56 Rating, Add	*5,549.01*	
40 05 19 00-3544	EA	42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,532.04	1,713.04
		For Class 52 Rating, Deduct	*-2,193.02*	
		For Class 54 Rating, Add	*3,021.62*	
		For Class 55 Rating, Add	*4,508.14*	
		For Class 56 Rating, Add	*5,974.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3545	EA	42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,964.23	1,715.63
		For Class 52 Rating, Deduct	*-2,350.13*	
		For Class 54 Rating, Add	*3,235.91*	
		For Class 55 Rating, Add	*4,826.74*	
		For Class 56 Rating, Add	*6,396.20*	
40 05 19 00-3546	EA	42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,413.08	1,718.19
		For Class 52 Rating, Deduct	*-2,509.07*	
		For Class 54 Rating, Add	*3,452.70*	
		For Class 55 Rating, Add	*5,149.06*	
		For Class 56 Rating, Add	*6,822.60*	
40 05 19 00-3547	EA	42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,845.28	1,720.77
		For Class 52 Rating, Deduct	*-2,666.19*	
		For Class 54 Rating, Add	*3,666.99*	
		For Class 55 Rating, Add	*5,467.66*	
		For Class 56 Rating, Add	*7,244.09*	
40 05 19 00-3548	EA	42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,294.13	1,723.35
		For Class 52 Rating, Deduct	*-2,825.13*	
		For Class 54 Rating, Add	*3,883.78*	
		For Class 55 Rating, Add	*5,789.98*	
		For Class 56 Rating, Add	*7,670.49*	
40 05 19 00-3549	EA	42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,728.71	1,725.92
		For Class 52 Rating, Deduct	*-2,982.50*	
		For Class 54 Rating, Add	*4,098.43*	
		For Class 55 Rating, Add	*6,109.11*	
		For Class 56 Rating, Add	*8,092.67*	
40 05 19 00-3550	EA	42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,165.65	1,728.50
		For Class 52 Rating, Deduct	*-3,140.14*	
		For Class 54 Rating, Add	*4,313.44*	
		For Class 55 Rating, Add	*6,428.77*	
		For Class 56 Rating, Add	*8,515.56*	
40 05 19 00-3551	EA	42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,612.13	1,731.07
		For Class 52 Rating, Deduct	*-3,298.82*	
		For Class 54 Rating, Add	*4,529.87*	
		For Class 55 Rating, Add	*6,750.56*	
		For Class 56 Rating, Add	*8,941.26*	
40 05 19 00-3552	EA	42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,046.70	1,733.66
		For Class 52 Rating, Deduct	*-3,456.20*	
		For Class 54 Rating, Add	*4,744.51*	
		For Class 55 Rating, Add	*7,069.69*	
		For Class 56 Rating, Add	*9,363.45*	
40 05 19 00-3553	EA	42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,497.94	1,736.23
		For Class 52 Rating, Deduct	*-3,615.40*	
		For Class 54 Rating, Add	*4,961.66*	
		For Class 55 Rating, Add	*7,392.54*	
		For Class 56 Rating, Add	*9,790.55*	
40 05 19 00-3554	EA	42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,934.89	1,738.80
		For Class 52 Rating, Deduct	*-3,773.04*	
		For Class 54 Rating, Add	*5,176.67*	
		For Class 55 Rating, Add	*7,712.21*	
		For Class 56 Rating, Add	*10,213.44*	
40 05 19 00-3555	EA	42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,383.75	1,741.38
		For Class 52 Rating, Deduct	*-3,931.98*	
		For Class 54 Rating, Add	*5,393.46*	
		For Class 55 Rating, Add	*8,034.52*	
		For Class 56 Rating, Add	*10,639.85*	
40 05 19 00-3556	EA	42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,820.70	1,743.95
		For Class 52 Rating, Deduct	*-4,089.62*	
		For Class 54 Rating, Add	*5,608.46*	
		For Class 55 Rating, Add	*8,354.19*	
		For Class 56 Rating, Add	*11,062.74*	
40 05 19 00-3557	EA	42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,271.92	1,746.53
		For Class 52 Rating, Deduct	*-4,248.82*	
		For Class 54 Rating, Add	*5,825.61*	
		For Class 55 Rating, Add	*8,677.03*	
		For Class 56 Rating, Add	*11,489.84*	
40 05 19 00-3558	EA	42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,708.88	1,749.11
		For Class 52 Rating, Deduct	*-4,406.46*	
		For Class 54 Rating, Add	*6,040.61*	
		For Class 55 Rating, Add	*8,996.70*	
		For Class 56 Rating, Add	*11,912.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3559	EA	42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,160.11	1,751.69
		For Class 52 Rating, Deduct	*-4,565.67*	
		For Class 54 Rating, Add	*6,257.76*	
		For Class 55 Rating, Add	*9,319.55*	
		For Class 56 Rating, Add	*12,339.83*	
40 05 19 00-3560	EA	42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,594.69	1,754.26
		For Class 52 Rating, Deduct	*-4,723.04*	
		For Class 54 Rating, Add	*6,472.40*	
		For Class 55 Rating, Add	*9,638.68*	
		For Class 56 Rating, Add	*12,762.02*	
40 05 19 00-3561	EA	42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,048.30	1,756.83
		For Class 52 Rating, Deduct	*-4,882.51*	
		For Class 54 Rating, Add	*6,689.91*	
		For Class 55 Rating, Add	*9,962.06*	
		For Class 56 Rating, Add	*13,189.82*	
40 05 19 00-3562	EA	42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,485.26	1,759.41
		For Class 52 Rating, Deduct	*-5,040.14*	
		For Class 54 Rating, Add	*6,904.91*	
		For Class 55 Rating, Add	*10,281.72*	
		For Class 56 Rating, Add	*13,612.71*	
40 05 19 00-3563	EA	42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,934.11	1,761.99
		For Class 52 Rating, Deduct	*-5,199.09*	
		For Class 54 Rating, Add	*7,121.70*	
		For Class 55 Rating, Add	*10,604.04*	
		For Class 56 Rating, Add	*14,039.12*	
40 05 19 00-3564	EA	42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,373.44	1,764.56
		For Class 52 Rating, Deduct	*-5,356.98*	
		For Class 54 Rating, Add	*7,337.06*	
		For Class 55 Rating, Add	*10,924.23*	
		For Class 56 Rating, Add	*14,462.71*	
40 05 19 00-3565	EA	42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,529.49	1,767.14
		For Class 52 Rating, Deduct	*-5,483.72*	
		For Class 54 Rating, Add	*7,509.93*	
		For Class 55 Rating, Add	*11,181.26*	
		For Class 56 Rating, Add	*14,802.73*	
40 05 19 00-3566	EA	42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,261.62	1,769.72
		For Class 52 Rating, Deduct	*-5,673.83*	
		For Class 54 Rating, Add	*7,769.21*	
		For Class 55 Rating, Add	*11,566.75*	
		For Class 56 Rating, Add	*15,312.70*	
40 05 19 00-3567	EA	42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,696.20	1,772.29
		For Class 52 Rating, Deduct	*-5,831.20*	
		For Class 54 Rating, Add	*7,983.86*	
		For Class 55 Rating, Add	*11,885.88*	
		For Class 56 Rating, Add	*15,734.89*	
40 05 19 00-3568	EA	42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	57,147.43	1,774.87
		For Class 52 Rating, Deduct	*-5,990.41*	
		For Class 54 Rating, Add	*8,201.01*	
		For Class 55 Rating, Add	*12,208.73*	
		For Class 56 Rating, Add	*16,161.99*	
40 05 19 00-3569	EA	42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	58,584.39	1,777.44
		For Class 52 Rating, Deduct	*-6,148.04*	
		For Class 54 Rating, Add	*8,416.01*	
		For Class 55 Rating, Add	*12,528.39*	
		For Class 56 Rating, Add	*16,584.88*	
40 05 19 00-3570	EA	42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	60,038.00	1,780.03
		For Class 52 Rating, Deduct	*-6,307.51*	
		For Class 54 Rating, Add	*8,633.51*	
		For Class 55 Rating, Add	*12,851.77*	
		For Class 56 Rating, Add	*17,012.69*	
40 05 19 00-3571	EA	42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	61,472.57	1,782.59
		For Class 52 Rating, Deduct	*-6,464.88*	
		For Class 54 Rating, Add	*8,848.16*	
		For Class 55 Rating, Add	*13,170.90*	
		For Class 56 Rating, Add	*17,434.88*	

40 05 19 00-3572 48" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3573	EA	48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,118.12	2,130.35
		For Class 52 Rating, Deduct	*-1,417.93*	
		For Class 54 Rating, Add	*1,972.28*	
		For Class 55 Rating, Add	*2,952.00*	
		For Class 56 Rating, Add	*3,918.84*	
40 05 19 00-3574	EA	48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,183.50	2,132.93
		For Class 52 Rating, Deduct	*-1,644.70*	
		For Class 54 Rating, Add	*2,281.55*	
		For Class 55 Rating, Add	*3,411.81*	
		For Class 56 Rating, Add	*4,527.12*	
40 05 19 00-3575	EA	48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,256.04	2,135.51
		For Class 52 Rating, Deduct	*-1,872.25*	
		For Class 54 Rating, Add	*2,591.89*	
		For Class 55 Rating, Add	*3,873.21*	
		For Class 56 Rating, Add	*5,137.51*	
40 05 19 00-3576	EA	48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,350.01	2,138.09
		For Class 52 Rating, Deduct	*-2,102.15*	
		For Class 54 Rating, Add	*2,905.45*	
		For Class 55 Rating, Add	*4,339.39*	
		For Class 56 Rating, Add	*5,754.22*	
40 05 19 00-3577	EA	48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,439.21	2,140.65
		For Class 52 Rating, Deduct	*-2,331.54*	
		For Class 54 Rating, Add	*3,218.29*	
		For Class 55 Rating, Add	*4,804.50*	
		For Class 56 Rating, Add	*6,369.52*	
40 05 19 00-3578	EA	48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,530.80	2,143.24
		For Class 52 Rating, Deduct	*-2,561.18*	
		For Class 54 Rating, Add	*3,531.49*	
		For Class 55 Rating, Add	*5,270.15*	
		For Class 56 Rating, Add	*6,985.53*	
40 05 19 00-3579	EA	48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,636.67	2,145.82
		For Class 52 Rating, Deduct	*-2,792.40*	
		For Class 54 Rating, Add	*3,846.83*	
		For Class 55 Rating, Add	*5,738.98*	
		For Class 56 Rating, Add	*7,605.75*	
40 05 19 00-3580	EA	48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,737.78	2,148.38
		For Class 52 Rating, Deduct	*-3,023.09*	
		For Class 54 Rating, Add	*4,161.46*	
		For Class 55 Rating, Add	*6,206.75*	
		For Class 56 Rating, Add	*8,224.56*	
40 05 19 00-3581	EA	48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,834.11	2,150.96
		For Class 52 Rating, Deduct	*-3,253.26*	
		For Class 54 Rating, Add	*4,475.37*	
		For Class 55 Rating, Add	*6,673.46*	
		For Class 56 Rating, Add	*8,841.97*	
40 05 19 00-3582	EA	48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,949.51	2,153.54
		For Class 52 Rating, Deduct	*-3,485.52*	
		For Class 54 Rating, Add	*4,792.14*	
		For Class 55 Rating, Add	*7,144.42*	
		For Class 56 Rating, Add	*9,465.00*	
40 05 19 00-3583	EA	48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,055.37	2,156.12
		For Class 52 Rating, Deduct	*-3,716.74*	
		For Class 54 Rating, Add	*5,107.48*	
		For Class 55 Rating, Add	*7,613.25*	
		For Class 56 Rating, Add	*10,085.22*	
40 05 19 00-3584	EA	48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,173.15	2,158.69
		For Class 52 Rating, Deduct	*-3,949.26*	
		For Class 54 Rating, Add	*5,424.61*	
		For Class 55 Rating, Add	*8,084.73*	
		For Class 56 Rating, Add	*10,708.96*	
40 05 19 00-3585	EA	48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,276.63	2,161.27
		For Class 52 Rating, Deduct	*-4,180.22*	
		For Class 54 Rating, Add	*5,739.59*	
		For Class 55 Rating, Add	*8,553.03*	
		For Class 56 Rating, Add	*11,328.47*	
40 05 19 00-3586	EA	48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,384.88	2,163.85
		For Class 52 Rating, Deduct	*-4,411.70*	
		For Class 54 Rating, Add	*6,055.29*	
		For Class 55 Rating, Add	*9,022.40*	
		For Class 56 Rating, Add	*11,949.40*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3587	EA	48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,505.03	2,166.42
		For Class 52 Rating, Deduct	*-4,644.48*	
		For Class 54 Rating, Add	*6,372.78*	
		For Class 55 Rating, Add	*9,494.41*	
		For Class 56 Rating, Add	*12,573.83*	
40 05 19 00-3588	EA	48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,613.27	2,168.99
		For Class 52 Rating, Deduct	*-4,875.96*	
		For Class 54 Rating, Add	*6,688.47*	
		For Class 55 Rating, Add	*9,963.78*	
		For Class 56 Rating, Add	*13,194.75*	
40 05 19 00-3589	EA	48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,721.52	2,171.58
		For Class 52 Rating, Deduct	*-5,107.44*	
		For Class 54 Rating, Add	*7,004.17*	
		For Class 55 Rating, Add	*10,433.14*	
		For Class 56 Rating, Add	*13,815.67*	
40 05 19 00-3590	EA	48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,844.05	2,174.15
		For Class 52 Rating, Deduct	*-5,340.49*	
		For Class 54 Rating, Add	*7,322.01*	
		For Class 55 Rating, Add	*10,905.69*	
		For Class 56 Rating, Add	*14,440.81*	
40 05 19 00-3591	EA	48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	53,954.68	2,176.72
		For Class 52 Rating, Deduct	*-5,572.23*	
		For Class 54 Rating, Add	*7,638.07*	
		For Class 55 Rating, Add	*11,375.58*	
		For Class 56 Rating, Add	*15,062.43*	
40 05 19 00-3592	EA	48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	56,062.93	2,179.29
		For Class 52 Rating, Deduct	*-5,803.71*	
		For Class 54 Rating, Add	*7,953.77*	
		For Class 55 Rating, Add	*11,844.94*	
		For Class 56 Rating, Add	*15,683.35*	
40 05 19 00-3593	EA	48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	58,190.23	2,181.88
		For Class 52 Rating, Deduct	*-6,037.28*	
		For Class 54 Rating, Add	*8,272.32*	
		For Class 55 Rating, Add	*12,318.55*	
		For Class 56 Rating, Add	*16,309.89*	
40 05 19 00-3594	EA	48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	60,303.22	2,184.46
		For Class 52 Rating, Deduct	*-6,269.28*	
		For Class 54 Rating, Add	*8,588.73*	
		For Class 55 Rating, Add	*12,788.97*	
		For Class 56 Rating, Add	*16,932.22*	
40 05 19 00-3595	EA	48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	62,413.85	2,187.02
		For Class 52 Rating, Deduct	*-6,501.02*	
		For Class 54 Rating, Add	*8,904.79*	
		For Class 55 Rating, Add	*13,258.87*	
		For Class 56 Rating, Add	*17,553.85*	
40 05 19 00-3596	EA	48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	64,538.76	2,189.61
		For Class 52 Rating, Deduct	*-6,734.33*	
		For Class 54 Rating, Add	*9,222.99*	
		For Class 55 Rating, Add	*13,731.95*	
		For Class 56 Rating, Add	*18,179.68*	
40 05 19 00-3597	EA	48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	66,651.77	2,192.18
		For Class 52 Rating, Deduct	*-6,966.33*	
		For Class 54 Rating, Add	*9,539.40*	
		For Class 55 Rating, Add	*14,202.37*	
		For Class 56 Rating, Add	*18,802.01*	
40 05 19 00-3598	EA	48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	68,762.40	2,194.75
		For Class 52 Rating, Deduct	*-7,198.07*	
		For Class 54 Rating, Add	*9,855.46*	
		For Class 55 Rating, Add	*14,672.26*	
		For Class 56 Rating, Add	*19,423.63*	
40 05 19 00-3599	EA	48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	70,889.69	2,197.33
		For Class 52 Rating, Deduct	*-7,431.64*	
		For Class 54 Rating, Add	*10,174.01*	
		For Class 55 Rating, Add	*15,145.87*	
		For Class 56 Rating, Add	*20,050.17*	
40 05 19 00-3600	EA	48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	73,002.71	2,199.91
		For Class 52 Rating, Deduct	*-7,663.65*	
		For Class 54 Rating, Add	*10,490.42*	
		For Class 55 Rating, Add	*15,616.30*	
		For Class 56 Rating, Add	*20,672.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3601	EA	48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	74,865.75	2,202.49
		For Class 52 Rating, Deduct	*-7,868.15*	
		For Class 54 Rating, Add	*10,769.34*	
		For Class 55 Rating, Add	*16,030.98*	
		For Class 56 Rating, Add	*21,221.09*	
40 05 19 00-3602	EA	48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	77,245.38	2,205.05
		For Class 52 Rating, Deduct	*-8,129.48*	
		For Class 54 Rating, Add	*11,125.75*	
		For Class 55 Rating, Add	*16,560.86*	
		For Class 56 Rating, Add	*21,922.07*	
40 05 19 00-3603	EA	48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	79,356.01	2,207.64
		For Class 52 Rating, Deduct	*-8,361.22*	
		For Class 54 Rating, Add	*11,441.81*	
		For Class 55 Rating, Add	*17,030.76*	
		For Class 56 Rating, Add	*22,543.69*	
40 05 19 00-3604	EA	48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	81,488.07	2,210.22
		For Class 52 Rating, Deduct	*-8,595.32*	
		For Class 54 Rating, Add	*11,761.07*	
		For Class 55 Rating, Add	*17,505.43*	
		For Class 56 Rating, Add	*23,171.64*	
40 05 19 00-3605	EA	48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	83,598.69	2,212.78
		For Class 52 Rating, Deduct	*-8,827.06*	
		For Class 54 Rating, Add	*12,077.13*	
		For Class 55 Rating, Add	*17,975.32*	
		For Class 56 Rating, Add	*23,793.26*	
40 05 19 00-3606	EA	48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	85,709.32	2,215.36
		For Class 52 Rating, Deduct	*-9,058.80*	
		For Class 54 Rating, Add	*12,393.19*	
		For Class 55 Rating, Add	*18,445.21*	
		For Class 56 Rating, Add	*24,414.89*	
40 05 19 00-3607	EA	48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	87,841.37	2,217.94
		For Class 52 Rating, Deduct	*-9,292.89*	
		For Class 54 Rating, Add	*12,712.45*	
		For Class 55 Rating, Add	*18,919.88*	
		For Class 56 Rating, Add	*25,042.83*	

40 05 19 00-3608 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbows *(40 05 19 00-2059)*

40 05 19 00-3609	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	721.29	124.29
40 05 19 00-3610	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,057.45	158.93
40 05 19 00-3611	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,511.92	180.02
40 05 19 00-3612	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,161.24	228.23
40 05 19 00-3613	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,694.55	253.08
40 05 19 00-3614	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,306.93	274.93
40 05 19 00-3615	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	4,060.83	338.94
40 05 19 00-3616	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	5,095.15	406.74
40 05 19 00-3617	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	6,226.85	512.19
40 05 19 00-3618	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	9,275.16	579.98
40 05 19 00-3619	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	14,402.15	768.28
40 05 19 00-3620	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	21,373.06	869.97
40 05 19 00-3621	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	36,505.90	994.24
40 05 19 00-3622	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	48,299.27	1,220.21

40 05 19 00-3623 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbows *(40 05 19 00-2059)*

40 05 19 00-3624	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	686.95	124.29
40 05 19 00-3625	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,000.72	158.93
40 05 19 00-3626	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,371.58	180.02
40 05 19 00-3627	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,961.18	228.23
40 05 19 00-3628	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,436.27	253.08
40 05 19 00-3629	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,839.63	274.93
40 05 19 00-3630	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,490.52	338.94
40 05 19 00-3631	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	4,444.22	406.74
40 05 19 00-3632	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	5,589.35	512.19
40 05 19 00-3633	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	7,344.76	579.98
40 05 19 00-3634	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	14,060.26	768.28
40 05 19 00-3635	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	20,916.22	869.97
40 05 19 00-3636	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	31,641.84	994.24
40 05 19 00-3637	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	42,794.73	1,220.21

40 05 19 00-3638 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows *(40 05 19 00-2059)*

40 05 19 00-3639	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	685.46	124.29

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3640	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	981.31	158.93
40 05 19 00-3641	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,359.63	180.02
40 05 19 00-3642	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,914.90	228.23
40 05 19 00-3643	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,539.28	253.08
40 05 19 00-3644	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,154.65	274.93
40 05 19 00-3645	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,562.18	338.94
40 05 19 00-3646	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	4,530.81	406.74
40 05 19 00-3647	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	5,961.10	512.19
40 05 19 00-3648	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	8,203.21	579.98
40 05 19 00-3649	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	14,212.54	768.28
40 05 19 00-3650	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	21,264.08	869.97
40 05 19 00-3651	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	32,336.06	994.24
40 05 19 00-3652	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	43,702.45	1,220.21
40 05 19 00-3653		Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows *(40 05 19 00-2059)*		
40 05 19 00-3654	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	743.68	124.29
40 05 19 00-3655	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,090.29	158.93
40 05 19 00-3656	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,404.42	180.02
40 05 19 00-3657	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,074.65	228.23
40 05 19 00-3658	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,836.38	253.08
40 05 19 00-3659	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,230.79	274.93
40 05 19 00-3660	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,883.17	338.94
40 05 19 00-3661	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	4,530.81	406.74
40 05 19 00-3662	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	5,961.10	512.19
40 05 19 00-3663	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	8,507.78	579.98
40 05 19 00-3664	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	14,361.84	768.28
40 05 19 00-3665	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	21,416.36	869.97
40 05 19 00-3666	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	32,495.81	994.24
40 05 19 00-3667	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	44,024.93	1,220.21
40 05 19 00-3668		Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows *(40 05 19 00-2059)*		
40 05 19 00-3669	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,029.72	141.61
40 05 19 00-3670	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,329.35	152.15
40 05 19 00-3671	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,443.68	169.48
40 05 19 00-3672	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,985.45	176.25
40 05 19 00-3673	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,022.15	193.57
40 05 19 00-3674	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,171.00	204.12
40 05 19 00-3675	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,371.49	206.38
40 05 19 00-3676	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,648.74	216.93
40 05 19 00-3677	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,773.34	241.03
40 05 19 00-3678	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,762.20	216.93
40 05 19 00-3679	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,996.15	227.48
40 05 19 00-3680	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,247.65	251.57
40 05 19 00-3681	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,529.81	264.38
40 05 19 00-3682	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,179.47	248.94
40 05 19 00-3683	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,370.12	259.48
40 05 19 00-3684	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,753.01	283.59
40 05 19 00-3685	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,036.08	296.01
40 05 19 00-3686	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,267.62	306.94
40 05 19 00-3687	EA	18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,692.14	282.83
40 05 19 00-3688	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,275.45	293.38
40 05 19 00-3689	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,352.28	317.48
40 05 19 00-3690	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,545.78	329.91
40 05 19 00-3691	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,866.90	340.83
40 05 19 00-3692	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,216.97	372.85
40 05 19 00-3693	EA	20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,617.05	335.56
40 05 19 00-3694	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,868.91	346.10
40 05 19 00-3695	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,841.52	370.21
40 05 19 00-3696	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,018.60	382.63
40 05 19 00-3697	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,559.18	393.56
40 05 19 00-3698	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,392.70	425.56
40 05 19 00-3699	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,723.23	459.47
40 05 19 00-3700	EA	24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,389.79	369.45
40 05 19 00-3701	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,637.17	380.00
40 05 19 00-3702	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,049.91	404.10
40 05 19 00-3703	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,349.42	416.53
40 05 19 00-3704	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,927.32	427.45
40 05 19 00-3705	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,444.61	459.47
40 05 19 00-3706	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,588.54	493.36
40 05 19 00-3707	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,999.78	487.90
40 05 19 00-3708	EA	30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,863.18	510.68
40 05 19 00-3709	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,482.89	521.60
40 05 19 00-3710	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	13,001.96	553.61
40 05 19 00-3711	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,640.33	587.51
40 05 19 00-3712	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	19,602.20	640.23
40 05 19 00-3713	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	20,949.43	674.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3714	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	18,938.71	691.08
40 05 19 00-3715	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	20,692.05	724.97
40 05 19 00-3716	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	21,688.68	819.13
40 05 19 00-3717	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	28,093.65	753.22
40 05 19 00-3718	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	28,773.53	787.11
40 05 19 00-3719	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	28,743.01	881.27
40 05 19 00-3720	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	41,033.95	932.11
40 05 19 00-3721	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	39,248.46	909.51
40 05 19 00-3722	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	42,663.69	1,003.67
40 05 19 00-3723	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	43,882.84	1,054.51
40 05 19 00-3724	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	54,448.62	1,116.64

40 05 19 00-3725 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows *(40 05 19 00-2059)*

40 05 19 00-3726	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	848.19	124.29
40 05 19 00-3727	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,335.14	158.93
40 05 19 00-3728	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,983.69	180.02
40 05 19 00-3729	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,770.37	228.23
40 05 19 00-3730	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,876.98	253.08
40 05 19 00-3731	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	4,546.09	274.93
40 05 19 00-3732	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	5,794.16	338.94
40 05 19 00-3733	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	7,092.73	406.74
40 05 19 00-3734	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	9,471.05	512.19
40 05 19 00-3735	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	13,816.74	579.98
40 05 19 00-3736	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	23,934.70	768.28
40 05 19 00-3737	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	36,247.42	869.97
40 05 19 00-3738	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	55,854.66	994.24

40 05 19 00-3739 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base *(40 05 19 00-2059)*

40 05 19 00-3740	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	889.99	124.29
40 05 19 00-3741	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,253.03	158.93
40 05 19 00-3742	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,038.93	180.02
40 05 19 00-3743	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,728.56	228.23
40 05 19 00-3744	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	3,648.55	253.08
40 05 19 00-3745	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	4,326.62	274.93
40 05 19 00-3746	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	5,273.12	338.94
40 05 19 00-3747	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	6,531.38	406.74
40 05 19 00-3748	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	8,439.41	512.19
40 05 19 00-3749	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	11,852.01	579.98
40 05 19 00-3750	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	19,122.89	768.28
40 05 19 00-3751	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	27,228.45	869.97
40 05 19 00-3752	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	47,952.43	994.24
40 05 19 00-3753	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	53,803.82	1,220.21

40 05 19 00-3754 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tees *(40 05 19 00-2059)*

40 05 19 00-3755	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	1,092.20	199.61
40 05 19 00-3756	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	1,414.14	245.55
40 05 19 00-3757	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	2,045.72	274.17
40 05 19 00-3758	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	2,894.21	356.28
40 05 19 00-3759	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	3,873.39	388.66
40 05 19 00-3760	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	5,194.38	418.04
40 05 19 00-3761	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	5,612.17	527.25
40 05 19 00-3762	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	6,971.42	602.57
40 05 19 00-3763	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	8,769.73	760.75
40 05 19 00-3764	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	12,931.00	839.84
40 05 19 00-3765	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	21,260.04	1,159.96
40 05 19 00-3766	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	30,067.01	1,329.43
40 05 19 00-3767	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	64,320.31	1,536.57

40 05 19 00-3768 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tees *(40 05 19 00-2059)*

40 05 19 00-3769	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	1,456.04	222.95
40 05 19 00-3770	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	1,889.86	227.48
40 05 19 00-3771	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	1,858.59	256.10
40 05 19 00-3772	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,519.09	251.57
40 05 19 00-3773	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,453.47	280.19
40 05 19 00-3774	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,557.00	298.28
40 05 19 00-3775	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	3,217.79	264.38
40 05 19 00-3776	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	3,177.55	293.00
40 05 19 00-3777	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	3,315.42	311.07
40 05 19 00-3778	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	3,822.82	369.07
40 05 19 00-3779	EA	14" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	4,611.78	274.93
40 05 19 00-3780	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	4,499.87	303.55

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3781	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	4,658.64	321.62
40 05 19 00-3782	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	4,833.10	379.62
40 05 19 00-3783	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,081.31	399.58
40 05 19 00-3784	EA	16" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,566.49	306.94
40 05 19 00-3785	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	4,679.75	335.56
40 05 19 00-3786	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	4,786.27	353.64
40 05 19 00-3787	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,778.88	411.64
40 05 19 00-3788	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,170.13	431.60
40 05 19 00-3789	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,178.97	450.04
40 05 19 00-3790	EA	18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,226.77	369.45
40 05 19 00-3791	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,157.40	387.53
40 05 19 00-3792	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,112.41	445.53
40 05 19 00-3793	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,773.89	465.49
40 05 19 00-3794	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	7,123.12	483.94
40 05 19 00-3795	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	7,501.36	561.15
40 05 19 00-3796	EA	20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	7,462.49	422.18
40 05 19 00-3797	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	7,582.45	440.26
40 05 19 00-3798	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	7,812.15	498.26
40 05 19 00-3799	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,076.79	518.22
40 05 19 00-3800	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,151.04	536.66
40 05 19 00-3801	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	9,625.11	613.87
40 05 19 00-3802	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	9,780.44	655.30
40 05 19 00-3803	EA	24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,624.61	456.07
40 05 19 00-3804	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,959.55	474.15
40 05 19 00-3805	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	9,219.12	532.15
40 05 19 00-3806	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,219.78	552.11
40 05 19 00-3807	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,434.36	570.56
40 05 19 00-3808	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,675.26	647.77
40 05 19 00-3809	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	13,794.11	689.19
40 05 19 00-3810	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	14,197.16	736.46
40 05 19 00-3811	EA	30" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	17,090.51	550.22
40 05 19 00-3812	EA	30" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	17,167.17	568.31
40 05 19 00-3813	EA	30" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	17,556.63	626.30
40 05 19 00-3814	EA	30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	17,586.87	646.26
40 05 19 00-3815	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	17,614.83	664.71
40 05 19 00-3816	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	17,731.81	741.92
40 05 19 00-3817	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	18,291.72	783.35
40 05 19 00-3818	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,178.58	888.79
40 05 19 00-3819	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	23,382.54	933.99
40 05 19 00-3820	EA	36" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	24,549.03	787.49
40 05 19 00-3821	EA	36" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	24,770.77	801.80
40 05 19 00-3822	EA	36" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	24,882.23	842.85
40 05 19 00-3823	EA	36" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	25,057.57	859.05
40 05 19 00-3824	EA	36" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	25,130.58	873.73
40 05 19 00-3825	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	25,311.85	928.34
40 05 19 00-3826	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	25,421.17	966.00
40 05 19 00-3827	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	25,739.56	1,045.08
40 05 19 00-3828	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	26,253.33	1,084.64
40 05 19 00-3829	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	33,957.67	1,244.69
40 05 19 00-3830	EA	42" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	37,324.78	759.24
40 05 19 00-3831	EA	42" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	37,407.99	777.70
40 05 19 00-3832	EA	42" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	37,629.48	854.90
40 05 19 00-3833	EA	42" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	37,745.99	896.33
40 05 19 00-3834	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	38,119.26	1,001.78
40 05 19 00-3835	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	38,616.21	1,046.97
40 05 19 00-3836	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	48,365.72	1,272.94
40 05 19 00-3837	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	61,747.70	1,391.57
40 05 19 00-3838	EA	48" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	50,139.19	881.64
40 05 19 00-3839	EA	48" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	50,167.15	900.10
40 05 19 00-3840	EA	48" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	50,442.38	977.30
40 05 19 00-3841	EA	48" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	50,505.15	1,018.73
40 05 19 00-3842	EA	48" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	50,878.42	1,124.18
40 05 19 00-3843	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	51,323.11	1,169.37
40 05 19 00-3844	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	52,413.46	1,395.34

40 05 19 00-3845 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tees With Base *(40 05 19 00-2059)*

40 05 19 00-3846	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	1,178.79	199.61
40 05 19 00-3847	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	1,666.45	245.55
40 05 19 00-3848	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	2,472.71	274.17
40 05 19 00-3849	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	3,703.39	356.28
40 05 19 00-3850	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	4,996.10	388.66
40 05 19 00-3851	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	5,631.82	418.04
40 05 19 00-3852	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	6,902.09	527.25
40 05 19 00-3853	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	8,343.45	602.57
40 05 19 00-3854	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	10,968.86	760.75
40 05 19 00-3855	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	15,800.47	839.84
40 05 19 00-3856	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	26,180.83	1,159.96
40 05 19 00-3857	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	37,292.93	1,329.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3858		Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wyes *(40 05 19 00-2059)*		
40 05 19 00-3859	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	962.31	199.61
40 05 19 00-3860	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	1,403.69	245.55
40 05 19 00-3861	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	2,080.06	274.17
40 05 19 00-3862	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	2,741.93	356.28
40 05 19 00-3863	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	4,151.08	388.66
40 05 19 00-3864	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	5,561.65	418.04
40 05 19 00-3865		Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Crosses *(40 05 19 00-2059)*		
40 05 19 00-3866	EA	4" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	1,236.20	274.93
40 05 19 00-3867	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	1,742.77	297.90
40 05 19 00-3868	EA	6" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	1,809.63	332.17
40 05 19 00-3869	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,253.32	302.79
40 05 19 00-3870	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,403.38	342.72
40 05 19 00-3871	EA	8" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,455.61	368.32
40 05 19 00-3872	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,963.16	326.89
40 05 19 00-3873	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,198.32	366.81
40 05 19 00-3874	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,455.09	392.43
40 05 19 00-3875	EA	10" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,157.18	484.32
40 05 19 00-3876	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,877.77	339.33
40 05 19 00-3877	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,024.84	379.25
40 05 19 00-3878	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,281.62	404.85
40 05 19 00-3879	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,028.49	496.75
40 05 19 00-3880	EA	12" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,714.81	524.24
40 05 19 00-3881	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,849.09	390.17
40 05 19 00-3882	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,105.86	415.78
40 05 19 00-3883	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,546.66	507.67
40 05 19 00-3884	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,982.46	535.16
40 05 19 00-3885	EA	14" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,236.82	561.15
40 05 19 00-3886	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,788.88	422.18
40 05 19 00-3887	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,087.45	447.78
40 05 19 00-3888	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,529.76	539.68
40 05 19 00-3889	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,007.36	567.17
40 05 19 00-3890	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,613.14	593.16
40 05 19 00-3891	EA	16" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,754.73	715.55
40 05 19 00-3892	EA	18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,083.59	456.07
40 05 19 00-3893	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,382.17	481.69
40 05 19 00-3894	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,737.89	573.58
40 05 19 00-3895	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,215.48	601.06
40 05 19 00-3896	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,208.85	627.06
40 05 19 00-3897	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,786.96	749.46
40 05 19 00-3898	EA	18" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,119.41	798.41
40 05 19 00-3899	EA	20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,828.13	508.80
40 05 19 00-3900	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,147.61	534.41
40 05 19 00-3901	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,473.46	626.30
40 05 19 00-3902	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,982.40	653.79
40 05 19 00-3903	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,117.32	679.78
40 05 19 00-3904	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,892.79	802.17
40 05 19 00-3905	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,246.15	851.14
40 05 19 00-3906	EA	20" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,141.22	1,009.31
40 05 19 00-3907	EA	24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,345.85	542.69
40 05 19 00-3908	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,574.26	568.31
40 05 19 00-3909	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,038.96	660.20
40 05 19 00-3910	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,361.29	687.68
40 05 19 00-3911	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,541.00	713.68
40 05 19 00-3912	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,053.41	836.08
40 05 19 00-3913	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	15,449.43	885.03
40 05 19 00-3914	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	16,207.06	985.03
40 05 19 00-3915	EA	24" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	17,690.15	1,099.70
40 05 19 00-3916	EA	30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	18,543.25	781.84
40 05 19 00-3917	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	18,631.89	807.82
40 05 19 00-3918	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	19,166.70	930.22
40 05 19 00-3919	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	19,343.89	979.18
40 05 19 00-3920	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	20,132.97	1,137.36
40 05 19 00-3921	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	25,981.38	1,193.85
40 05 19 00-3922	EA	30" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,077.92	1,551.63
40 05 19 00-3923	EA	36" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	25,961.68	994.62
40 05 19 00-3924	EA	36" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	25,995.36	1,016.84
40 05 19 00-3925	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	26,451.14	1,116.64
40 05 19 00-3926	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	26,618.14	1,161.83
40 05 19 00-3927	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	27,268.74	1,293.66
40 05 19 00-3928	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	28,147.49	1,344.50
40 05 19 00-3929	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	37,557.93	1,636.36
40 05 19 00-3930	EA	36" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	40,997.40	1,788.89
40 05 19 00-3931	EA	42" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	38,659.76	1,043.21

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3932	EA	42" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	38,789.19	1,092.16
40 05 19 00-3933	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	39,539.45	1,250.34
40 05 19 00-3934	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	40,476.02	1,306.83
40 05 19 00-3935	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	52,128.72	1,664.61
40 05 19 00-3936	EA	42" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	70,941.80	1,851.03
40 05 19 00-3937	EA	48" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	52,649.45	1,372.74
40 05 19 00-3938	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	53,586.03	1,429.23
40 05 19 00-3939	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	55,659.90	1,787.01

40 05 19 00-3940 Flanged End x Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducers *(40 05 19 00-2059)*

40 05 19 00-3941	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	881.91	141.61
40 05 19 00-3942	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,174.08	152.15
40 05 19 00-3943	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,248.11	169.48
40 05 19 00-3944	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,565.93	176.25
40 05 19 00-3945	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,559.33	193.57
40 05 19 00-3946	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,751.48	204.12
40 05 19 00-3947	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,998.88	189.06
40 05 19 00-3948	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,029.60	206.38
40 05 19 00-3949	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,172.49	216.93
40 05 19 00-3950	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,361.29	241.03
40 05 19 00-3951	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,459.13	216.93
40 05 19 00-3952	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,649.78	227.48
40 05 19 00-3953	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,835.60	251.57
40 05 19 00-3954	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,753.47	264.38
40 05 19 00-3955	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,921.18	248.94
40 05 19 00-3956	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,784.88	259.48
40 05 19 00-3957	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,008.02	283.59
40 05 19 00-3958	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,367.24	296.01
40 05 19 00-3959	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,788.38	306.94
40 05 19 00-3960	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,534.94	293.38
40 05 19 00-3961	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,789.43	317.48
40 05 19 00-3962	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,753.02	329.91
40 05 19 00-3963	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,214.47	340.83
40 05 19 00-3964	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,171.90	372.85
40 05 19 00-3965	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,307.56	346.10
40 05 19 00-3966	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,576.98	370.21
40 05 19 00-3967	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,467.42	382.63
40 05 19 00-3968	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,034.87	393.56
40 05 19 00-3969	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,735.51	425.56
40 05 19 00-3970	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,651.28	459.47
40 05 19 00-3971	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,240.73	404.10
40 05 19 00-3972	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,744.77	416.53
40 05 19 00-3973	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,886.73	427.45
40 05 19 00-3974	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,158.89	459.47
40 05 19 00-3975	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,231.44	493.36
40 05 19 00-3976	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,596.40	487.90
40 05 19 00-3977	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	10,328.06	553.61
40 05 19 00-3978	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	10,682.49	587.51
40 05 19 00-3979	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	11,364.05	640.23
40 05 19 00-3980	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	12,415.67	674.13
40 05 19 00-3981	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	14,633.16	604.46
40 05 19 00-3982	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	14,842.77	638.35
40 05 19 00-3983	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	15,761.69	691.08
40 05 19 00-3984	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,584.91	724.97
40 05 19 00-3985	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	18,835.63	819.13
40 05 19 00-3986	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	22,988.31	787.11
40 05 19 00-3987	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	25,697.37	881.27
40 05 19 00-3988	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	28,820.04	932.11
40 05 19 00-3989	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	30,450.45	909.51
40 05 19 00-3990	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	32,256.27	1,003.67
40 05 19 00-3991	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	35,807.42	1,054.51
40 05 19 00-3992	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	39,857.92	1,116.64

40 05 19 00-3993 Flanged End x Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducers *(40 05 19 00-2059)*

40 05 19 00-3994	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	943.12	141.61
40 05 19 00-3995	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,244.25	152.15
40 05 19 00-3996	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,355.60	169.48
40 05 19 00-3997	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,565.93	176.25
40 05 19 00-3998	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,633.98	193.57
40 05 19 00-3999	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,823.14	204.12
40 05 19 00-4000	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,998.88	189.06
40 05 19 00-4001	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,113.21	206.38
40 05 19 00-4002	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,259.08	216.93
40 05 19 00-4003	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,512.08	241.03
40 05 19 00-4004	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,459.13	216.93
40 05 19 00-4005	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,604.99	227.48

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-4006	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,814.69	251.57
40 05 19 00-4007	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,138.66	264.38
40 05 19 00-4008	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,921.18	248.94
40 05 19 00-4009	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,108.85	259.48
40 05 19 00-4010	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,364.84	283.59
40 05 19 00-4011	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,643.43	296.01
40 05 19 00-4012	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,788.38	306.94
40 05 19 00-4013	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,534.94	293.38
40 05 19 00-4014	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,789.43	317.48
40 05 19 00-4015	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,066.54	329.91
40 05 19 00-4016	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,214.47	340.83
40 05 19 00-4017	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,522.75	372.85
40 05 19 00-4018	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,540.46	346.10
40 05 19 00-4019	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,741.21	370.21
40 05 19 00-4020	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,924.26	382.63
40 05 19 00-4021	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,034.87	393.56
40 05 19 00-4022	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,408.84	425.56
40 05 19 00-4023	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,646.81	459.47
40 05 19 00-4024	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,410.24	380.00
40 05 19 00-4025	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,348.22	404.10
40 05 19 00-4026	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,461.11	416.53
40 05 19 00-4027	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,570.22	427.45
40 05 19 00-4028	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,945.68	459.47
40 05 19 00-4029	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,231.44	493.36
40 05 19 00-4030	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,596.40	487.90
40 05 19 00-4031	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	12,753.40	521.60
40 05 19 00-4032	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	11,883.73	553.61
40 05 19 00-4033	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	10,731.76	587.51
40 05 19 00-4034	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	11,364.05	640.23
40 05 19 00-4035	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	12,415.67	674.13
40 05 19 00-4036	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	13,761.27	604.46
40 05 19 00-4037	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	14,329.19	638.35
40 05 19 00-4038	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	15,160.03	691.08
40 05 19 00-4039	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	16,532.66	724.97
40 05 19 00-4040	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	19,099.89	819.13
40 05 19 00-4041	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	22,988.31	787.11
40 05 19 00-4042	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	25,697.37	881.27
40 05 19 00-4043	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	28,820.04	932.11
40 05 19 00-4044	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	32,256.27	1,003.67
40 05 19 00-4045	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	35,807.42	1,054.51
40 05 19 00-4046	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	39,857.92	1,116.64

40 05 19 00-4047 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flanges *(40 05 19 00-2059)*

40 05 19 00-4048	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	436.97	48.96
40 05 19 00-4049	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	664.94	72.31
40 05 19 00-4050	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	888.52	85.87
40 05 19 00-4051	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	1,293.90	100.18
40 05 19 00-4052	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	1,715.79	117.50
40 05 19 00-4053	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	2,366.00	131.81
40 05 19 00-4054	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	2,858.85	150.64
40 05 19 00-4055	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	3,847.40	210.91
40 05 19 00-4056	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	5,166.46	263.62
40 05 19 00-4057	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	7,578.07	320.12
40 05 19 00-4058	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	10,990.25	372.85
40 05 19 00-4059	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	20,627.64	410.50
40 05 19 00-4060	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	29,585.46	451.93
40 05 19 00-4061	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	39,446.96	508.42

40 05 19 00-4062 Ductile Iron Bolt Packs *(40 05 19)*

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-4063	EA	4" Pipe Diameter, Ductile Iron Flange Bolt Pack	30.78
		Note: Includes eight (8) 5/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*8.62*
		For Hot Dip Galvanized, Add	*12.31*
40 05 19 00-4064	EA	6" Pipe Diameter, Ductile Iron Flange Bolt Pack	47.49
		Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*13.30*
		For Hot Dip Galvanized, Add	*19.00*
40 05 19 00-4065	EA	8" Pipe Diameter, Ductile Iron Flange Bolt Pack	51.56
		Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*14.44*
		For Hot Dip Galvanized, Add	*20.62*
40 05 19 00-4066	EA	10" Pipe Diameter, Ductile Iron Flange Bolt Pack	115.82
		Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*32.43*
		For Hot Dip Galvanized, Add	*46.33*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-4067	EA	12" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.	116.84	
		For Zinc Plated, Add	*32.72*	
		For Hot Dip Galvanized, Add	*46.74*	
40 05 19 00-4068	EA	14" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes twelve (12) 1" diameter plain finish bolts with washers and nut.	130.91	
		For Zinc Plated, Add	*36.65*	
		For Hot Dip Galvanized, Add	*52.36*	
40 05 19 00-4069	EA	16" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes sixteen (16) 1" diameter plain finish bolts with washers and nut.	220.07	
		For Zinc Plated, Add	*61.62*	
		For Hot Dip Galvanized, Add	*88.03*	
40 05 19 00-4070	EA	18" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes sixteen (16) 1-1/8" diameter plain finish bolts with washers and nut.	319.70	
		For Zinc Plated, Add	*89.52*	
		For Hot Dip Galvanized, Add	*127.88*	
40 05 19 00-4071	EA	20" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes twenty (20) 1-1/8" diameter plain finish bolts with washers and nut.	403.66	
		For Zinc Plated, Add	*113.02*	
		For Hot Dip Galvanized, Add	*161.46*	
40 05 19 00-4072	EA	24" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes twenty (20) 1-1/4" diameter plain finish bolts with washers and nut.	577.56	
		For Zinc Plated, Add	*161.72*	
		For Hot Dip Galvanized, Add	*231.02*	
40 05 19 00-4073	EA	30" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes twenty-eight (28) 1-1/4" diameter plain finish bolts with washers and nut.	912.64	
		For Zinc Plated, Add	*255.54*	
		For Hot Dip Galvanized, Add	*365.06*	
40 05 19 00-4074	EA	36" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes thirty-two (32) 1-1/2" diameter plain finish bolts with washers and nut.	1,301.90	
		For Zinc Plated, Add	*364.53*	
		For Hot Dip Galvanized, Add	*520.76*	
40 05 19 00-4075	EA	42" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes thirty-six (36) 1-1/2" diameter plain finish bolts with washers and nut.	1,674.85	
		For Zinc Plated, Add	*468.96*	
		For Hot Dip Galvanized, Add	*669.94*	
40 05 19 00-4076	EA	48" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes forty-four (44) 1-1/2" diameter plain finish bolts with washers and nut.	2,047.04	
		For Zinc Plated, Add	*573.17*	
		For Hot Dip Galvanized, Add	*818.82*	

40 05 19 00-4077 Full Face Flange Gaskets, ANSI/AWWA C115/A21.15 *(40 05 19)*

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-4078 Full Face Flange Styrene Butadiene (SBR) Gaskets *(40 05 19 00-4077)*

40 05 19 00-4079	EA	4" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	8.04
40 05 19 00-4080	EA	6" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	10.24
40 05 19 00-4081	EA	8" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	13.89
40 05 19 00-4082	EA	10" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	16.09
40 05 19 00-4083	EA	12" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	17.55
40 05 19 00-4084	EA	14" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	29.25
40 05 19 00-4085	EA	16" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	35.83
40 05 19 00-4086	EA	18" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	38.02
40 05 19 00-4087	EA	20" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	58.50
40 05 19 00-4088	EA	24" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	62.89
40 05 19 00-4089	EA	30" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	81.17
40 05 19 00-4090	EA	36" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	92.87
40 05 19 00-4091	EA	42" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	99.45
40 05 19 00-4092	EA	48" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	108.96

40 05 19 00-4093 Full Face Flange Nitrile Buna-N (NBR) Gaskets *(40 05 19 00-4077)*

Note: (Acrylonitrile Butadiene)

40 05 19 00-4094	EA	4" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	24.86
40 05 19 00-4095	EA	6" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	35.10
40 05 19 00-4096	EA	8" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	54.11
40 05 19 00-4097	EA	10" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	59.23
40 05 19 00-4098	EA	12" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	63.62
40 05 19 00-4099	EA	14" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	119.92
40 05 19 00-4100	EA	16" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	147.71
40 05 19 00-4101	EA	18" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	148.44
40 05 19 00-4102	EA	20" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	154.29
40 05 19 00-4103	EA	24" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	163.07
40 05 19 00-4104	EA	30" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	180.62
40 05 19 00-4105	EA	36" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	198.90
40 05 19 00-4106	EA	42" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	282.99
40 05 19 00-4107	EA	48" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	309.32

40 05 19 00-4108 Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gaskets *(40 05 19 00-4077)*

40 05 19 00-4109	EA	4" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	21.94
40 05 19 00-4110	EA	6" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	28.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-4111	EA	8" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	38.76	
40 05 19 00-4112	EA	10" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	45.34	
40 05 19 00-4113	EA	12" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	50.46	
40 05 19 00-4114	EA	14" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	83.36	
40 05 19 00-4115	EA	16" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	100.18	
40 05 19 00-4116	EA	18" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	100.91	
40 05 19 00-4117	EA	20" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	103.11	
40 05 19 00-4118	EA	24" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	119.92	
40 05 19 00-4119	EA	30" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	146.98	
40 05 19 00-4120	EA	36" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	167.46	
40 05 19 00-4121	EA	42" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	239.85	
40 05 19 00-4122	EA	48" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	264.71	
40 05 19 00-4123		Full Face Flange Neoprene Gaskets *(40 05 19 00-4077)*		
		Note: (Polychloroprene)		
40 05 19 00-4124	EA	4" Full Face Flange Neoprene Gasket, 1/8" Thick	25.59	
40 05 19 00-4125	EA	6" Full Face Flange Neoprene Gasket, 1/8" Thick	35.83	
40 05 19 00-4126	EA	8" Full Face Flange Neoprene Gasket, 1/8" Thick	54.84	
40 05 19 00-4127	EA	10" Full Face Flange Neoprene Gasket, 1/8" Thick	59.23	
40 05 19 00-4128	EA	12" Full Face Flange Neoprene Gasket, 1/8" Thick	63.62	
40 05 19 00-4129	EA	14" Full Face Flange Neoprene Gasket, 1/8" Thick	84.82	
40 05 19 00-4130	EA	16" Full Face Flange Neoprene Gasket, 1/8" Thick	149.18	
40 05 19 00-4131	EA	18" Full Face Flange Neoprene Gasket, 1/8" Thick	149.91	
40 05 19 00-4132	EA	20" Full Face Flange Neoprene Gasket, 1/8" Thick	158.68	
40 05 19 00-4133	EA	24" Full Face Flange Neoprene Gasket, 1/8" Thick	160.88	
40 05 19 00-4134	EA	30" Full Face Flange Neoprene Gasket, 1/8" Thick	174.77	
40 05 19 00-4135	EA	36" Full Face Flange Neoprene Gasket, 1/8" Thick	196.71	
40 05 19 00-4136	EA	42" Full Face Flange Neoprene Gasket, 1/8" Thick	285.19	
40 05 19 00-4137	EA	48" Full Face Flange Neoprene Gasket, 1/8" Thick	312.24	
40 05 19 00-4138		Full Face Flange FKM Gaskets *(40 05 19 00-4077)*		
		Note: (Fluoroelastomer Fluorel Viton®)		
40 05 19 00-4139	EA	4" Full Face Flange FKM Gasket, 1/8" Thick	110.89	
40 05 19 00-4140	EA	6" Full Face Flange FKM Gasket, 1/8" Thick	165.10	
40 05 19 00-4141	EA	8" Full Face Flange FKM Gasket, 1/8" Thick	220.55	
40 05 19 00-4142	EA	10" Full Face Flange FKM Gasket, 1/8" Thick	266.13	
40 05 19 00-4143	EA	12" Full Face Flange FKM Gasket, 1/8" Thick	346.22	
40 05 19 00-4144	EA	14" Full Face Flange FKM Gasket, 1/8" Thick	633.30	
40 05 19 00-4145	EA	16" Full Face Flange FKM Gasket, 1/8" Thick	725.71	
40 05 19 00-4146	EA	18" Full Face Flange FKM Gasket, 1/8" Thick	760.21	
40 05 19 00-4147	EA	20" Full Face Flange FKM Gasket, 1/8" Thick	810.72	
40 05 19 00-4148	EA	24" Full Face Flange FKM Gasket, 1/8" Thick	1,121.21	
40 05 19 00-4149	EA	30" Full Face Flange FKM Gasket, 1/8" Thick	1,344.22	
40 05 19 00-4150	EA	36" Full Face Flange FKM Gasket, 1/8" Thick	1,418.15	
40 05 19 00-4151	EA	42" Full Face Flange FKM Gasket, 1/8" Thick	1,768.06	
40 05 19 00-4152	EA	48" Full Face Flange FKM Gasket, 1/8" Thick	1,853.08	
40 05 19 00-4153		Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) *(40 05 19)*		
40 05 19 00-4154	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	392.83	71.64
40 05 19 00-4155	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	546.10	87.45
40 05 19 00-4156	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	810.53	106.65
40 05 19 00-4157	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,114.72	130.10
40 05 19 00-4158	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,415.80	158.65
40 05 19 00-4159	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	2,280.41	193.56
40 05 19 00-4160	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,592.73	236.22
40 05 19 00-4161	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,705.42	288.12
40 05 19 00-4162	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	4,539.89	351.57
40 05 19 00-4163	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	5,054.82	428.83
40 05 19 00-4164	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	6,517.40	523.28
40 05 19 00-4165	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	9,702.17	638.31
40 05 19 00-4166	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	25,376.82	778.81
40 05 19 00-4167	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	32,418.52	950.09

40 05 23 Stainless Steel Process Pipe and Tubing *(40 05)*

40 05 23 23 300- and 400-Series Stainless Steel Process Pipe *(40 05 23)*

40 05 23 23-0001		Schedule 40 Pipe, Type 304, With 150 LB Screwed Fittings Assembly *(40 05 23 23)*		
		Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.		
40 05 23 23-0002	LF	1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	36.32	8.89
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*4.80*	
		For Work In Restricted Working Space, Add	*5.36*	
40 05 23 23-0003	LF	3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	40.56	10.19
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*5.03*	
		For Work In Restricted Working Space, Add	*6.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0004	LF	1" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	47.29	11.49
		For Type 316, Add	*5.89*	
		For Work In Restricted Working Space, Add	*7.39*	
40 05 23 23-0005	LF	1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	55.13	13.88
		For Type 316, Add	*7.44*	
		For Work In Restricted Working Space, Add	*7.96*	
40 05 23 23-0006	LF	1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	61.20	14.28
		For Type 316, Add	*8.52*	
		For Work In Restricted Working Space, Add	*8.53*	
40 05 23 23-0007	LF	2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	74.21	18.88
		For Type 316, Add	*10.39*	
		For Work In Restricted Working Space, Add	*10.28*	
40 05 23 23-0008	LF	2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	111.13	23.27
		For Type 316, Add	*17.86*	
		For Work In Restricted Working Space, Add	*12.73*	
40 05 23 23-0009	LF	3" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	141.39	26.97
		For Type 316, Add	*23.26*	
		For Work In Restricted Working Space, Add	*15.58*	
40 05 23 23-0010	LF	4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	194.71	26.97
		For Work In Restricted Working Space, Add	*19.76*	

40 05 23 23-0011 Stainless Steel Tubing And Fittings *(40 05 23 23)*

40 05 23 23-0012 Type 304 Tubing *(40 05 23 23-0011)*

40 05 23 23-0013 0.035" Wall *(40 05 23 23-0012)*

40 05 23 23-0014	LF	1/4", 0.035" Wall, Type 304, Stainless Steel Tubing	8.59	2.93
		For Work In Restricted Working Space, Add	*1.74*	
40 05 23 23-0015	LF	3/8", 0.035" Wall, Type 304, Stainless Steel Tubing	9.87	3.48
		For Work In Restricted Working Space, Add	*2.09*	
40 05 23 23-0016	LF	1/2", 0.035" Wall, Type 304, Stainless Steel Tubing	11.87	4.12
		For Work In Restricted Working Space, Add	*2.45*	
40 05 23 23-0017	LF	5/8", 0.035" Wall, Type 304, Stainless Steel Tubing	20.61	4.67
		For Work In Restricted Working Space, Add	*2.79*	
40 05 23 23-0018	LF	3/4", 0.035" Wall, Type 304, Stainless Steel Tubing	24.63	5.21
		For Work In Restricted Working Space, Add	*3.14*	
40 05 23 23-0019	LF	7/8", 0.035" Wall, Type 304, Stainless Steel Tubing	27.24	5.86
		For Work In Restricted Working Space, Add	*3.50*	
40 05 23 23-0020	LF	1", 0.035" Wall, Type 304, Stainless Steel Tubing	30.12	7.05
		For Work In Restricted Working Space, Add	*4.20*	

40 05 23 23-0021 0.049" Wall *(40 05 23 23-0012)*

40 05 23 23-0022	LF	1/4", 0.049" Wall, Type 304, Stainless Steel Tubing	15.19	3.48
		For Work In Restricted Working Space, Add	*2.09*	
40 05 23 23-0023	LF	3/8", 0.049" Wall, Type 304, Stainless Steel Tubing	16.81	4.12
		For Work In Restricted Working Space, Add	*2.45*	
40 05 23 23-0024	LF	1/2", 0.049" Wall, Type 304, Stainless Steel Tubing	20.37	4.67
		For Work In Restricted Working Space, Add	*2.79*	
40 05 23 23-0025	LF	5/8", 0.049" Wall, Type 304, Stainless Steel Tubing	25.82	5.86
		For Work In Restricted Working Space, Add	*3.50*	
40 05 23 23-0026	LF	3/4", 0.049" Wall, Type 304, Stainless Steel Tubing	29.32	7.05
		For Work In Restricted Working Space, Add	*4.20*	
40 05 23 23-0027	LF	7/8", 0.049" Wall, Type 304, Stainless Steel Tubing	32.75	8.13
		For Work In Restricted Working Space, Add	*4.90*	
40 05 23 23-0028	LF	1", 0.049" Wall, Type 304, Stainless Steel Tubing	37.88	9.22
		For Work In Restricted Working Space, Add	*5.56*	

40 05 23 23-0029 0.065" Wall *(40 05 23 23-0012)*

40 05 23 23-0030	LF	1/4", 0.065" Wall, Type 304, Stainless Steel Tubing	17.74	4.12
		For Work In Restricted Working Space, Add	*2.45*	
40 05 23 23-0031	LF	3/8", 0.065" Wall, Type 304, Stainless Steel Tubing	20.43	4.67
		For Work In Restricted Working Space, Add	*2.79*	
40 05 23 23-0032	LF	1/2", 0.065" Wall, Type 304, Stainless Steel Tubing	25.14	5.86
		For Work In Restricted Working Space, Add	*3.50*	
40 05 23 23-0033	LF	5/8", 0.065" Wall, Type 304, Stainless Steel Tubing	29.44	7.05
		For Work In Restricted Working Space, Add	*4.20*	
40 05 23 23-0034	LF	3/4", 0.065" Wall, Type 304, Stainless Steel Tubing	34.79	8.13
		For Work In Restricted Working Space, Add	*4.90*	
40 05 23 23-0035	LF	7/8", 0.065" Wall, Type 304, Stainless Steel Tubing	40.04	9.22
		For Work In Restricted Working Space, Add	*5.56*	
40 05 23 23-0036	LF	1", 0.065" Wall, Type 304, Stainless Steel Tubing	45.14	10.42
		For Work In Restricted Working Space, Add	*6.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0037		Type 304 Tube Fittings *(40 05 23 23-0011)*		
40 05 23 23-0038		90 Degree Elbows *(40 05 23 23-0037)*		
40 05 23 23-0039	EA	1/4", Type 304, Stainless Steel, 90 Degree Elbow	58.26	11.72
		For Work In Restricted Working Space, Add	*7.00*	
40 05 23 23-0040	EA	3/8", Type 304, Stainless Steel, 90 Degree Elbow	69.58	12.80
		For Work In Restricted Working Space, Add	*7.66*	
40 05 23 23-0041	EA	1/2", Type 304, Stainless Steel, 90 Degree Elbow	107.91	14.43
		For Work In Restricted Working Space, Add	*8.68*	
40 05 23 23-0042	EA	5/8", Type 304, Stainless Steel, 90 Degree Elbow	114.79	16.16
		For Work In Restricted Working Space, Add	*9.72*	
40 05 23 23-0043	EA	3/4", Type 304, Stainless Steel, 90 Degree Elbow	128.79	17.47
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-0044	EA	7/8", Type 304, Stainless Steel, 90 Degree Elbow	178.86	19.42
		For Work In Restricted Working Space, Add	*11.63*	
40 05 23 23-0045	EA	1", Type 304, Stainless Steel, 90 Degree Elbow	228.81	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0046		Union Tees *(40 05 23 23-0037)*		
40 05 23 23-0047	EA	1/4", Type 304, Stainless Steel, Union Tee	93.09	17.47
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-0048	EA	3/8", Type 304, Stainless Steel, Union Tee	114.12	19.42
		For Work In Restricted Working Space, Add	*11.63*	
40 05 23 23-0049	EA	1/2", Type 304, Stainless Steel, Union Tee	159.03	21.70
		For Work In Restricted Working Space, Add	*13.02*	
40 05 23 23-0050	EA	5/8", Type 304, Stainless Steel, Union Tee	170.26	24.63
		For Work In Restricted Working Space, Add	*14.80*	
40 05 23 23-0051	EA	3/4", Type 304, Stainless Steel, Union Tee	220.76	26.47
		For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0052	EA	7/8", Type 304, Stainless Steel, Union Tee	359.00	29.30
		For Work In Restricted Working Space, Add	*17.60*	
40 05 23 23-0053	EA	1", Type 304, Stainless Steel, Union Tee	430.34	35.05
		For Work In Restricted Working Space, Add	*21.00*	
40 05 23 23-0054		Unions *(40 05 23 23-0037)*		
40 05 23 23-0055	EA	1/4", Type 304, Stainless Steel, Union	88.47	17.47
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-0056	EA	3/8", Type 304, Stainless Steel, Union	116.72	19.42
		For Work In Restricted Working Space, Add	*11.63*	
40 05 23 23-0057	EA	1/2", Type 304, Stainless Steel, Union	160.74	21.70
		For Work In Restricted Working Space, Add	*13.02*	
40 05 23 23-0058	EA	5/8", Type 304, Stainless Steel, Union	197.10	24.63
		For Work In Restricted Working Space, Add	*14.80*	
40 05 23 23-0059	EA	3/4", Type 304, Stainless Steel, Union	237.10	26.47
		For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0060	EA	7/8", Type 304, Stainless Steel, Union	372.03	29.30
		For Work In Restricted Working Space, Add	*17.60*	
40 05 23 23-0061	EA	1", Type 304, Stainless Steel, Union	393.40	35.05
		For Work In Restricted Working Space, Add	*21.00*	
40 05 23 23-0062		Male Connectors *(40 05 23 23-0037)*		
40 05 23 23-0063	EA	1/4" x 1/4", Type 304, Stainless Steel, Male Connection	41.72	11.72
		For Work In Restricted Working Space, Add	*7.00*	
40 05 23 23-0064	EA	3/8" x 3/8", Type 304, Stainless Steel, Male Connection	53.30	12.80
		For Work In Restricted Working Space, Add	*7.66*	
40 05 23 23-0065	EA	1/2" x 1/2", Type 304, Stainless Steel, Male Connection	70.49	14.43
		For Work In Restricted Working Space, Add	*8.68*	
40 05 23 23-0066	EA	5/8" x 5/8" Male Connection, Stainless Steel Type 304	79.50	16.16
		For Work In Restricted Working Space, Add	*9.72*	
40 05 23 23-0067	EA	3/4" x 3/4", Type 304, Stainless Steel, Male Connection	97.44	17.47
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-0068	EA	7/8" x 7/8", Type 304, Stainless Steel, Male Connection	151.36	19.42
		For Work In Restricted Working Space, Add	*11.63*	
40 05 23 23-0069	EA	1" x 1", Type 304, Stainless Steel, Male Connection	156.68	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0070		Type 304 Valves *(40 05 23 23-0011)*		
40 05 23 23-0071		Gate Valves *(40 05 23 23-0070)*		
40 05 23 23-0072	EA	1/4" Gate Valve, Stainless Steel Type 304	172.61	17.47
		For Work In Restricted Working Space, Add	*9.48*	
40 05 23 23-0073	EA	3/8" Gate Valve, Stainless Steel Type 304	287.55	20.51
		For Work In Restricted Working Space, Add	*9.98*	
40 05 23 23-0074	EA	1/2" Gate Valve, Stainless Steel Type 304	300.46	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0075	EA	3/4" Gate Valve, Stainless Steel Type 304	333.37	26.47
		For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0076	EA	1" Gate Valve, Stainless Steel Type 304	309.57	35.05
		For Work In Restricted Working Space, Add	*21.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0077		**Globe Valves** *(40 05 23 23-0070)*		
40 05 23 23-0078	EA	1/4" Globe Valve, Stainless Steel Type 304	174.92	17.47
		For Work In Restricted Working Space, Add	*9.48*	
40 05 23 23-0079	EA	3/8" Globe Valve, Stainless Steel Type 304	117.62	20.51
		For Work In Restricted Working Space, Add	*9.98*	
40 05 23 23-0080	EA	1/2" Globe Valve, Stainless Steel Type 304	209.06	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0081	EA	3/4" Globe Valve, Stainless Steel Type 304	232.99	26.47
		For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0082	EA	1" Globe Valve, Stainless Steel Type 304	338.66	35.05
		For Work In Restricted Working Space, Add	*21.00*	
40 05 23 23-0083		**Check Valves** *(40 05 23 23-0070)*		
40 05 23 23-0084	EA	1/4" Check Valve, Stainless Steel Type 304	242.82	17.47
		For Work In Restricted Working Space, Add	*9.48*	
40 05 23 23-0085	EA	3/8" Check Valve, Stainless Steel Type 304	244.49	20.51
		For Work In Restricted Working Space, Add	*9.98*	
40 05 23 23-0086	EA	1/2" Check Valve, Stainless Steel Type 304	164.24	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0087	EA	3/4" Check Valve, Stainless Steel Type 304	172.72	26.47
		For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0088	EA	1" Check Valve, Stainless Steel Type 304	193.21	35.05
		For Work In Restricted Working Space, Add	*21.00*	
40 05 23 23-0089		**Plug Valves** *(40 05 23 23-0070)*		
40 05 23 23-0090	EA	1/2" Plug Valve, Stainless Steel Type 304	375.14	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0091	EA	3/4" Plug Valve, Stainless Steel Type 304	411.14	26.47
		For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0092	EA	1" Plug Valve, Stainless Steel Type 304	467.20	35.05
		For Work In Restricted Working Space, Add	*21.00*	
40 05 23 23-0093	EA	1-1/2" Plug Valve, Stainless Steel Type 304	645.89	39.61
		For Work In Restricted Working Space, Add	*23.76*	
40 05 23 23-0094	EA	2" Plug Valve, Stainless Steel Type 304	841.96	54.25
		For Work In Restricted Working Space, Add	*32.55*	
40 05 23 23-0095		**Type 316 Tubing** *(40 05 23 23-0011)*		
40 05 23 23-0096		**0.035" Wall** *(40 05 23 23-0095)*		
40 05 23 23-0097	LF	1/4" Stainless Steel Tubing, Type 316, 0.035" Wall	9.01	2.93
		For Work In Restricted Working Space, Add	*1.74*	
40 05 23 23-0098	LF	3/8" Stainless Steel Tubing, Type 316, 0.035" Wall	11.94	3.48
		For Work In Restricted Working Space, Add	*2.09*	
40 05 23 23-0099	LF	1/2" Stainless Steel Tubing, Type 316, 0.035" Wall	13.13	4.12
		For Work In Restricted Working Space, Add	*2.45*	
40 05 23 23-0100	LF	5/8" Stainless Steel Tubing, Type 316, 0.035" Wall	23.95	4.67
		For Work In Restricted Working Space, Add	*2.79*	
40 05 23 23-0101	LF	3/4" Stainless Steel Tubing, Type 316, 0.035" Wall	27.22	5.21
		For Work In Restricted Working Space, Add	*3.14*	
40 05 23 23-0102	LF	7/8" Stainless Steel Tubing, Type 316, 0.035" Wall	35.21	5.86
		For Work In Restricted Working Space, Add	*3.50*	
40 05 23 23-0103	LF	1" Stainless Steel Tubing, Type 316, 0.035" Wall	36.29	7.05
		For Work In Restricted Working Space, Add	*4.20*	
40 05 23 23-0104		**0.049" Wall** *(40 05 23 23-0095)*		
40 05 23 23-0105	LF	1/4" Stainless Steel Tubing, Type 316, 0.049" Wall	16.97	3.48
		For Work In Restricted Working Space, Add	*2.09*	
40 05 23 23-0106	LF	3/8" Stainless Steel Tubing, Type 316, 0.049" Wall	18.69	4.12
		For Work In Restricted Working Space, Add	*2.45*	
40 05 23 23-0107	LF	1/2" Stainless Steel Tubing, Type 316, 0.049" Wall	22.12	4.67
		For Work In Restricted Working Space, Add	*2.79*	
40 05 23 23-0108	LF	5/8" Stainless Steel Tubing, Type 316, 0.049" Wall	29.06	5.86
		For Work In Restricted Working Space, Add	*3.50*	
40 05 23 23-0109	LF	3/4" Stainless Steel Tubing, Type 316, 0.049" Wall	33.35	7.05
		For Work In Restricted Working Space, Add	*4.20*	
40 05 23 23-0110	LF	7/8" Stainless Steel Tubing, Type 316, 0.049" Wall	43.12	8.13
		For Work In Restricted Working Space, Add	*4.90*	
40 05 23 23-0111	LF	1" Stainless Steel Tubing, Type 316, 0.049" Wall	43.32	9.22
		For Work In Restricted Working Space, Add	*5.56*	
40 05 23 23-0112		**0.065" Wall** *(40 05 23 23-0095)*		
40 05 23 23-0113	LF	1/4" Stainless Steel Tubing, Type 316, 0.065" Wall	19.86	4.12
		For Work In Restricted Working Space, Add	*2.45*	
40 05 23 23-0114	LF	3/8" Stainless Steel Tubing, Type 316, 0.065" Wall	22.06	4.67
		For Work In Restricted Working Space, Add	*2.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0115	LF	1/2" Stainless Steel Tubing, Type 316, 0.065" Wall	27.69	5.86
		For Work In Restricted Working Space, Add	*3.50*	
40 05 23 23-0116	LF	5/8" Stainless Steel Tubing, Type 316, 0.065" Wall	32.96	7.05
		For Work In Restricted Working Space, Add	*4.20*	
40 05 23 23-0117	LF	3/4" Stainless Steel Tubing, Type 316, 0.065" Wall	40.18	8.13
		For Work In Restricted Working Space, Add	*4.90*	
40 05 23 23-0118	LF	7/8" Stainless Steel Tubing, Type 316, 0.065" Wall	44.04	9.22
		For Work In Restricted Working Space, Add	*5.56*	
40 05 23 23-0119	LF	1" Stainless Steel Tubing, Type 316, 0.065" Wall	51.59	10.42
		For Work In Restricted Working Space, Add	*6.26*	

40 05 23 23-0120 Type 316 Tube Fittings *(40 05 23 23-0011)*

40 05 23 23-0121 90 Degree Elbows *(40 05 23 23-0120)*

40 05 23 23-0122	EA	1/4" 90 Degree Elbow, Stainless Steel Type 316	83.48	11.72
		For Work In Restricted Working Space, Add	*7.00*	
40 05 23 23-0123	EA	3/8" 90 Degree Elbow, Stainless Steel Type 316	101.38	12.80
		For Work In Restricted Working Space, Add	*7.66*	
40 05 23 23-0124	EA	1/2" 90 Degree Elbow, Stainless Steel Type 316	164.93	14.43
		For Work In Restricted Working Space, Add	*8.68*	
40 05 23 23-0125	EA	5/8" 90 Degree Elbow, Stainless Steel Type 316	174.27	16.16
		For Work In Restricted Working Space, Add	*9.72*	
40 05 23 23-0126	EA	3/4" 90 Degree Elbow, Stainless Steel Type 316	196.50	17.47
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-0127	EA	7/8" 90 Degree Elbow, Stainless Steel Type 316	280.02	19.42
		For Work In Restricted Working Space, Add	*11.63*	
40 05 23 23-0128	EA	1" 90 Degree Elbow, Stainless Steel Type 316	360.67	23.11
		For Work In Restricted Working Space, Add	*13.85*	

40 05 23 23-0129 Union Tees *(40 05 23 23-0120)*

40 05 23 23-0130	EA	1/4" Union Tee, Stainless Steel Type 316	135.04	17.47
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-0131	EA	3/8" Union Tee, Stainless Steel Type 316	168.54	19.42
		For Work In Restricted Working Space, Add	*11.63*	
40 05 23 23-0132	EA	1/2" Union Tee, Stainless Steel Type 316	242.50	21.70
		For Work In Restricted Working Space, Add	*13.02*	
40 05 23 23-0133	EA	5/8" Union Tee, Stainless Steel Type 316	257.57	24.63
		For Work In Restricted Working Space, Add	*14.80*	
40 05 23 23-0134	EA	3/4" Union Tee, Stainless Steel Type 316	341.93	26.47
		For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0135	EA	7/8" Union Tee, Stainless Steel Type 316	575.83	29.30
		For Work In Restricted Working Space, Add	*17.60*	
40 05 23 23-0136	EA	1" Union Tee, Stainless Steel Type 316	690.49	35.05
		For Work In Restricted Working Space, Add	*21.00*	

40 05 23 23-0137 Unions *(40 05 23 23-0120)*

40 05 23 23-0138	EA	1/4" Union, Stainless Steel Type 316	82.08	17.47
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-0139	EA	3/8" Union, Stainless Steel Type 316	107.40	19.42
		For Work In Restricted Working Space, Add	*11.63*	
40 05 23 23-0140	EA	1/2" Union, Stainless Steel Type 316	146.72	21.70
		For Work In Restricted Working Space, Add	*13.02*	
40 05 23 23-0141	EA	5/8" Union, Stainless Steel Type 316	179.43	24.63
		For Work In Restricted Working Space, Add	*14.80*	
40 05 23 23-0142	EA	3/4" Union, Stainless Steel Type 316	215.08	26.47
		For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0143	EA	7/8" Union, Stainless Steel Type 316	334.57	29.30
		For Work In Restricted Working Space, Add	*17.60*	
40 05 23 23-0144	EA	1" Union, Stainless Steel Type 316	354.75	35.05
		For Work In Restricted Working Space, Add	*21.00*	

40 05 23 23-0145 Male Connectors *(40 05 23 23-0120)*

40 05 23 23-0146	EA	1/4" x 1/4" Male Connector, Stainless Steel Type 316	54.71	11.72
		For Work In Restricted Working Space, Add	*7.00*	
40 05 23 23-0147	EA	3/8" x 3/8" Male Connector, Stainless Steel Type 316	72.93	12.80
		For Work In Restricted Working Space, Add	*7.66*	
40 05 23 23-0148	EA	1/2" x 1/2" Male Connector, Stainless Steel Type 316	99.87	14.43
		For Work In Restricted Working Space, Add	*8.68*	
40 05 23 23-0149	EA	5/8" x 5/8" Male Connector, Stainless Steel Type 316	112.81	16.16
		For Work In Restricted Working Space, Add	*9.72*	
40 05 23 23-0150	EA	3/4" x 3/4" Male Connector, Stainless Steel Type 316	141.57	17.47
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-0151	EA	7/8" x 7/8" Male Connector, Stainless Steel Type 316	230.98	19.42
		For Work In Restricted Working Space, Add	*11.63*	
40 05 23 23-0152	EA	1" x 1" Male Connector, Stainless Steel Type 316	234.80	23.11
		For Work In Restricted Working Space, Add	*13.85*	

40 05 23 23-0153 Type 316 Valves *(40 05 23 23-0011)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0154		**Gate Valves** *(40 05 23 23-0153)*		
40 05 23 23-0155	EA	1/4" Gate Valve, Stainless Steel Type 316	218.15	17.47
		For Work In Restricted Working Space, Add	*9.48*	
40 05 23 23-0156	EA	3/8" Gate Valve, Stainless Steel Type 316	369.65	20.51
		For Work In Restricted Working Space, Add	*9.98*	
40 05 23 23-0157	EA	1/2" Gate Valve, Stainless Steel Type 316	382.56	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0158	EA	3/4" Gate Valve, Stainless Steel Type 316	423.91	26.47
		For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0159	EA	1" Gate Valve, Stainless Steel Type 316	386.92	35.05
		For Work In Restricted Working Space, Add	*21.00*	
40 05 23 23-0160	EA	1-1/4" Gate Valve, Stainless Steel Type 316	528.19	36.35
		For Work In Restricted Working Space, Add	*21.81*	
40 05 23 23-0161	EA	1-1/2" Gate Valve, Stainless Steel Type 316	843.21	39.61
		For Work In Restricted Working Space, Add	*23.76*	
40 05 23 23-0162	EA	2" Gate Valve, Stainless Steel Type 316	1,004.94	54.25
		For Work In Restricted Working Space, Add	*32.55*	
40 05 23 23-0163	EA	2-1/2" Gate Valve, Stainless Steel Type 316	1,518.80	173.71
		For Work In Restricted Working Space, Add	*104.19*	
40 05 23 23-0164		**Globe Valves** *(40 05 23 23-0153)*		
40 05 23 23-0165	EA	1/4" Globe Valve, Stainless Steel Type 316	221.20	17.47
		For Work In Restricted Working Space, Add	*9.48*	
40 05 23 23-0166	EA	3/8" Globe Valve, Stainless Steel Type 316	144.86	20.51
		For Work In Restricted Working Space, Add	*9.98*	
40 05 23 23-0167	EA	1/2" Globe Valve, Stainless Steel Type 316	261.66	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0168	EA	3/4" Globe Valve, Stainless Steel Type 316	291.12	26.47
		For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0169	EA	1" Globe Valve, Stainless Steel Type 316	425.41	35.05
		For Work In Restricted Working Space, Add	*21.00*	
40 05 23 23-0170	EA	1-1/4" Globe Valve, Stainless Steel Type 316	529.12	36.13
		For Work In Restricted Working Space, Add	*21.65*	
40 05 23 23-0171	EA	1-1/2" Globe Valve, Stainless Steel Type 316	873.77	39.61
		For Work In Restricted Working Space, Add	*23.76*	
40 05 23 23-0172	EA	2" Globe Valve, Stainless Steel Type 316	1,035.50	54.25
		For Work In Restricted Working Space, Add	*32.55*	
40 05 23 23-0173	EA	2-1/2" Globe Valve, Stainless Steel Type 316	1,325.25	173.71
		For Work In Restricted Working Space, Add	*104.19*	
40 05 23 23-0174		**Check Valves** *(40 05 23 23-0153)*		
40 05 23 23-0175	EA	1/4" Check Valve, Stainless Steel Type 316	311.03	17.47
		For Work In Restricted Working Space, Add	*9.48*	
40 05 23 23-0176	EA	3/8" Check Valve, Stainless Steel Type 316	312.70	20.51
		For Work In Restricted Working Space, Add	*9.98*	
40 05 23 23-0177	EA	1/2" Check Valve, Stainless Steel Type 316	202.37	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0178	EA	3/4" Check Valve, Stainless Steel Type 316	211.39	26.47
		For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0179	EA	1" Check Valve, Stainless Steel Type 316	232.99	35.05
		For Work In Restricted Working Space, Add	*21.00*	
40 05 23 23-0180	EA	1-1/4" Check Valve, Stainless Steel Type 316	319.02	36.35
		For Work In Restricted Working Space, Add	*21.81*	
40 05 23 23-0181	EA	1-1/2" Check Valve, Stainless Steel Type 316	700.60	39.61
		For Work In Restricted Working Space, Add	*23.76*	
40 05 23 23-0182	EA	2" Check Valve, Stainless Steel Type 316	852.14	54.25
		For Work In Restricted Working Space, Add	*32.55*	
40 05 23 23-0183	EA	2-1/2" Check Valve, Stainless Steel Type 316	1,705.56	173.71
		For Work In Restricted Working Space, Add	*104.19*	
40 05 23 23-0184		**Diaphragm Valves, Ethylene Propylene Diene Monomer (EPDM) Lined** *(40 05 23 23-0153)*		
40 05 23 23-0185	EA	1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	335.76	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0186	EA	3/4" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	392.11	26.47
		For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0187	EA	1" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	500.42	35.05
		For Work In Restricted Working Space, Add	*21.00*	
40 05 23 23-0188	EA	1-1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	793.26	39.61
		For Work In Restricted Working Space, Add	*23.76*	
40 05 23 23-0189	EA	2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	1,108.19	54.25
		For Work In Restricted Working Space, Add	*32.55*	
40 05 23 23-0190		**Diaphragm Valves, Teflon Lined** *(40 05 23 23-0153)*		
40 05 23 23-0191	EA	1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	442.87	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0192	EA	3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	509.14	26.47
		For Work In Restricted Working Space, Add	*15.88*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0193		EA	1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	617.45	35.05
			For Work In Restricted Working Space, Add	*21.00*	
40 05 23 23-0194		EA	1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	957.89	39.61
			For Work In Restricted Working Space, Add	*23.76*	
40 05 23 23-0195		EA	2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	1,304.55	54.25
			For Work In Restricted Working Space, Add	*32.55*	
40 05 23 23-0196			**Strainers** *(40 05 23 23-0153)*		
40 05 23 23-0197		EA	1/2" Strainer, Stainless Steel Type 316	443.90	23.11
			For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0198		EA	3/4" Strainer, Stainless Steel Type 316	530.98	26.59
			For Work In Restricted Working Space, Add	*15.95*	
40 05 23 23-0199		EA	1" Strainer, Stainless Steel Type 316	694.87	35.26
			For Work In Restricted Working Space, Add	*21.16*	
40 05 23 23-0200		EA	1-1/4" Strainer, Stainless Steel Type 316	860.96	36.35
			For Work In Restricted Working Space, Add	*21.81*	
40 05 23 23-0201		EA	1-1/2" Strainer, Stainless Steel Type 316	1,079.15	39.61
			For Work In Restricted Working Space, Add	*23.76*	
40 05 23 23-0202		EA	2" Strainer, Stainless Steel Type 316	1,555.56	54.25
			For Work In Restricted Working Space, Add	*32.55*	
40 05 23 23-0203		EA	2-1/2" Strainer, Stainless Steel Type 316	2,137.17	72.16
			For Work In Restricted Working Space, Add	*43.30*	
40 05 23 23-0204		EA	3" Strainer, Stainless Steel Type 316	3,113.16	108.50
			For Work In Restricted Working Space, Add	*65.10*	
40 05 23 23-0205		EA	4" Strainer, Stainless Steel Type 316	3,993.54	173.60
			For Work In Restricted Working Space, Add	*104.15*	
40 05 23 23-0206			**Plug Valves** *(40 05 23 23-0153)*		
40 05 23 23-0207		EA	1/2" Plug Valve, Stainless Steel Type 316	472.65	23.11
			For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0208		EA	3/4" Plug Valve, Stainless Steel Type 316	517.32	26.47
			For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0209		EA	1" Plug Valve, Stainless Steel Type 316	584.94	35.05
			For Work In Restricted Working Space, Add	*21.00*	
40 05 23 23-0210		EA	1-1/2" Plug Valve, Stainless Steel Type 316	813.87	39.61
			For Work In Restricted Working Space, Add	*23.76*	
40 05 23 23-0211		EA	2" Plug Valve, Stainless Steel Type 316	1,059.38	54.25
			For Work In Restricted Working Space, Add	*32.55*	
40 05 23 23-0212			**Cut And Prepare Existing Pipe In-Place** *(40 05 23 23-0011)*		
			Note: For use when connecting pipe to an existing in-place system.		
40 05 23 23-0213		EA	Cut And Prepare 1/2" Stainless Steel Pipe	21.69	
40 05 23 23-0214		EA	Cut And Prepare 3/4" Stainless Steel Pipe	23.43	
40 05 23 23-0215		EA	Cut And Prepare 1" Stainless Steel Pipe	26.35	
40 05 23 23-0216		EA	Cut And Prepare 1-1/4" Stainless Steel Pipe	27.65	
40 05 23 23-0217		EA	Cut And Prepare 1-1/2" Stainless Steel Pipe	29.28	
40 05 23 23-0218		EA	Cut And Prepare 2" Stainless Steel Pipe	31.45	
40 05 23 23-0219		EA	Cut And Prepare 2-1/2" Stainless Steel Pipe	33.63	
40 05 23 23-0220		EA	Cut And Prepare 3" Stainless Steel Pipe	36.87	
40 05 23 23-0221		EA	Cut And Prepare 4" Stainless Steel Pipe	40.13	
40 05 23 23-0222		EA	Cut And Prepare 6" Stainless Steel Pipe	43.38	
40 05 23 23-0223		EA	Cut And Prepare 8" Stainless Steel Pipe	46.63	
40 05 23 23-0224		EA	Cut And Prepare 10" Stainless Steel Pipe	50.97	
40 05 23 23-0225		EA	Cut And Prepare 12" Stainless Steel Pipe	55.31	
40 05 23 23-0226		EA	Cut And Prepare 14" Stainless Steel Pipe	59.65	
40 05 23 23-0227		EA	Cut And Prepare 16" Stainless Steel Pipe	63.99	
40 05 23 23-0228		EA	Cut And Prepare 18" Stainless Steel Pipe	67.24	
40 05 23 23-0229		EA	Cut And Prepare 20" Stainless Steel Pipe	70.49	
40 05 23 23-0230		EA	Cut And Prepare 24" Stainless Steel Pipe	74.84	
40 05 23 23-0231			**Stainless Steel Pipe And Fittings** *(40 05 23 23)*		
40 05 23 23-0232			**Type 304, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings** *(40 05 23 23-0231)*		
40 05 23 23-0233			**Type 304, Schedule 40 Stainless Steel Threaded Pipe** *(40 05 23 23-0232)*		
40 05 23 23-0234		LF	1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	18.39	4.67
			For Work In Restricted Working Space, Add	*2.79*	
40 05 23 23-0235		LF	3/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	22.58	5.86
			For Work In Restricted Working Space, Add	*3.50*	
40 05 23 23-0236		LF	1" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	27.87	7.05
			For Work In Restricted Working Space, Add	*4.20*	
40 05 23 23-0237		LF	1-1/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	33.65	8.13
			For Work In Restricted Working Space, Add	*4.90*	
40 05 23 23-0238		LF	1-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	39.03	9.22
			For Work In Restricted Working Space, Add	*5.56*	
40 05 23 23-0239		LF	2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	49.99	11.72
			For Work In Restricted Working Space, Add	*7.00*	
40 05 23 23-0240		LF	2-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	68.98	13.89
			For Work In Restricted Working Space, Add	*8.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0241	LF	3" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	86.69	17.47
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-0242	LF	4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	117.73	23.11
		For Work In Restricted Working Space, Add	*13.85*	

40 05 23 23-0243 150#, Type 304 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 23-0232)*

40 05 23 23-0244	EA	1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	38.18	17.47
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-0245	EA	3/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	50.72	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0246	EA	1", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	65.28	29.30
		For Work In Restricted Working Space, Add	*17.60*	
40 05 23 23-0247	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	91.68	40.15
		For Work In Restricted Working Space, Add	*24.11*	
40 05 23 23-0248	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	109.42	47.19
		For Work In Restricted Working Space, Add	*28.31*	
40 05 23 23-0249	EA	2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	133.33	57.07
		For Work In Restricted Working Space, Add	*34.26*	
40 05 23 23-0250	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	224.39	90.38
		For Work In Restricted Working Space, Add	*54.25*	
40 05 23 23-0251	EA	3", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	288.80	116.64
		For Work In Restricted Working Space, Add	*70.00*	
40 05 23 23-0252	EA	4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	397.59	144.64
		For Work In Restricted Working Space, Add	*86.80*	

40 05 23 23-0253 150#, Type 304 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 23-0232)*

40 05 23 23-0254	EA	1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	38.91	17.47
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-0255	EA	3/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	51.90	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0256	EA	1", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	65.64	29.30
		For Work In Restricted Working Space, Add	*17.60*	
40 05 23 23-0257	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	91.54	40.15
		For Work In Restricted Working Space, Add	*24.11*	
40 05 23 23-0258	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	107.66	47.19
		For Work In Restricted Working Space, Add	*28.31*	
40 05 23 23-0259	EA	2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	132.92	57.07
		For Work In Restricted Working Space, Add	*34.26*	
40 05 23 23-0260	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	232.32	90.38
		For Work In Restricted Working Space, Add	*54.25*	
40 05 23 23-0261	EA	3", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	304.27	116.64
		For Work In Restricted Working Space, Add	*70.00*	
40 05 23 23-0262	EA	4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	415.61	144.64
		For Work In Restricted Working Space, Add	*86.80*	

40 05 23 23-0263 150#, Type 304 Stainless Steel Threaded Tees *(40 05 23 23-0232)*

40 05 23 23-0264	EA	1/2", 150#, Type 304 Stainless Steel Threaded Tee	57.25	26.47
		For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0265	EA	3/4", 150#, Type 304 Stainless Steel Threaded Tee	76.85	35.05
		For Work In Restricted Working Space, Add	*21.00*	
40 05 23 23-0266	EA	1", 150#, Type 304 Stainless Steel Threaded Tee	95.53	43.41
		For Work In Restricted Working Space, Add	*26.04*	
40 05 23 23-0267	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Tee	137.91	60.33
		For Work In Restricted Working Space, Add	*36.17*	
40 05 23 23-0268	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Tee	157.20	67.81
		For Work In Restricted Working Space, Add	*40.69*	
40 05 23 23-0269	EA	2", 150#, Type 304 Stainless Steel Threaded Tee	208.54	90.38
		For Work In Restricted Working Space, Add	*54.25*	
40 05 23 23-0270	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Tee	320.86	130.74
		For Work In Restricted Working Space, Add	*78.44*	
40 05 23 23-0271	EA	3", 150#, Type 304 Stainless Steel Threaded Tee	435.61	175.01
		For Work In Restricted Working Space, Add	*105.00*	
40 05 23 23-0272	EA	4", 150#, Type 304 Stainless Steel Threaded Tee	588.62	217.01
		For Work In Restricted Working Space, Add	*130.20*	

40 05 23 23-0273 150#, Type 304 Stainless Steel Threaded Reducers *(40 05 23 23-0232)*

40 05 23 23-0274	EA	3/4", 150#, Type 304 Stainless Steel Threaded Reducer	50.17	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0275	EA	1", 150#, Type 304 Stainless Steel Threaded Reducer	64.11	29.30
		For Work In Restricted Working Space, Add	*17.60*	
40 05 23 23-0276	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Reducer	88.36	40.15
		For Work In Restricted Working Space, Add	*24.11*	
40 05 23 23-0277	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Reducer	105.85	47.19
		For Work In Restricted Working Space, Add	*28.31*	
40 05 23 23-0278	EA	2", 150#, Type 304 Stainless Steel Threaded Reducer	133.41	57.07
		For Work In Restricted Working Space, Add	*34.26*	
40 05 23 23-0279	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Reducer	222.04	90.38
		For Work In Restricted Working Space, Add	*54.25*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0280		EA	3", 150#, Type 304 Stainless Steel Threaded Reducer	292.00	116.64
			For Work In Restricted Working Space, Add	*70.00*	
40 05 23 23-0281		EA	4", 150#, Type 304 Stainless Steel Threaded Reducer	386.52	144.64
			For Work In Restricted Working Space, Add	*86.80*	
40 05 23 23-0282			150#, Type 304 Stainless Steel Threaded Caps *(40 05 23 23-0232)*		
40 05 23 23-0283		EA	1/2", 150#, Type 304 Stainless Steel Threaded Cap	19.62	8.79
			For Work In Restricted Working Space, Add	*5.25*	
40 05 23 23-0284		EA	3/4", 150#, Type 304 Stainless Steel Threaded Cap	25.98	11.72
			For Work In Restricted Working Space, Add	*7.00*	
40 05 23 23-0285		EA	1", 150#, Type 304 Stainless Steel Threaded Cap	32.91	14.43
			For Work In Restricted Working Space, Add	*8.68*	
40 05 23 23-0286		EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Cap	46.15	20.51
			For Work In Restricted Working Space, Add	*12.29*	
40 05 23 23-0287		EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Cap	55.61	23.11
			For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0288		EA	2", 150#, Type 304 Stainless Steel Threaded Cap	70.68	29.30
			For Work In Restricted Working Space, Add	*17.60*	
40 05 23 23-0289		EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Cap	108.51	43.41
			For Work In Restricted Working Space, Add	*26.04*	
40 05 23 23-0290		EA	3", 150#, Type 304 Stainless Steel Threaded Cap	144.22	57.07
			For Work In Restricted Working Space, Add	*34.26*	
40 05 23 23-0291		EA	4", 150#, Type 304 Stainless Steel Threaded Cap	195.45	72.37
			For Work In Restricted Working Space, Add	*43.40*	
40 05 23 23-0292			150#, Type 304 Stainless Steel Threaded Unions *(40 05 23 23-0232)*		
40 05 23 23-0293		EA	1/2", 150#, Type 304 Stainless Steel Threaded Union	61.86	26.47
			For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0294		EA	3/4", 150#, Type 304 Stainless Steel Threaded Union	81.31	35.05
			For Work In Restricted Working Space, Add	*21.00*	
40 05 23 23-0295		EA	1", 150#, Type 304 Stainless Steel Threaded Union	103.88	43.41
			For Work In Restricted Working Space, Add	*26.04*	
40 05 23 23-0296		EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Union	150.20	60.33
			For Work In Restricted Working Space, Add	*36.17*	
40 05 23 23-0297		EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Union	169.12	67.81
			For Work In Restricted Working Space, Add	*40.69*	
40 05 23 23-0298		EA	2", 150#, Type 304 Stainless Steel Threaded Union	220.96	90.38
			For Work In Restricted Working Space, Add	*54.25*	
40 05 23 23-0299		EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Union	379.92	135.63
			For Work In Restricted Working Space, Add	*81.38*	
40 05 23 23-0300		EA	3", 150#, Type 304 Stainless Steel Threaded Union	486.86	175.01
			For Work In Restricted Working Space, Add	*105.01*	
40 05 23 23-0301		EA	4", 150#, Type 304 Stainless Steel Threaded Union	511.49	144.69
			For Work In Restricted Working Space, Add	*86.81*	
40 05 23 23-0302			150#, Type 304 Stainless Steel Threaded Couplings *(40 05 23 23-0232)*		
40 05 23 23-0303		EA	1/2", 150#, Type 304 Stainless Steel Threaded Coupling	37.87	17.47
			For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-0304		EA	3/4", 150#, Type 304 Stainless Steel Threaded Coupling	50.31	23.11
			For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0305		EA	1", 150#, Type 304 Stainless Steel Threaded Coupling	64.95	29.30
			For Work In Restricted Working Space, Add	*17.60*	
40 05 23 23-0306		EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Coupling	90.38	40.15
			For Work In Restricted Working Space, Add	*24.11*	
40 05 23 23-0307		EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Coupling	106.24	47.19
			For Work In Restricted Working Space, Add	*28.31*	
40 05 23 23-0308		EA	2", 150#, Type 304 Stainless Steel Threaded Coupling	130.97	57.07
			For Work In Restricted Working Space, Add	*34.26*	
40 05 23 23-0309		EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Coupling	217.62	90.38
			For Work In Restricted Working Space, Add	*54.25*	
40 05 23 23-0310		EA	3", 150#, Type 304 Stainless Steel Threaded Coupling	280.87	116.64
			For Work In Restricted Working Space, Add	*70.00*	
40 05 23 23-0311		EA	4", 150#, Type 304 Stainless Steel Threaded Coupling	363.22	144.64
			For Work In Restricted Working Space, Add	*86.80*	
40 05 23 23-0312			Type 316, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings *(40 05 23 23-0231)*		
40 05 23 23-0313			Type 316, Schedule 40 Stainless Steel Threaded Pipe *(40 05 23 23-0312)*		
40 05 23 23-0314		LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	23.19	4.67
			For Work In Restricted Working Space, Add	*2.79*	
40 05 23 23-0315		LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	27.32	5.86
			For Work In Restricted Working Space, Add	*3.50*	
40 05 23 23-0316		LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	34.67	7.05
			For Work In Restricted Working Space, Add	*4.20*	
40 05 23 23-0317		LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	42.55	8.13
			For Work In Restricted Working Space, Add	*4.90*	
40 05 23 23-0318		LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	49.57	9.22
			For Work In Restricted Working Space, Add	*5.56*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0319	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	64.10	11.72
		For Work In Restricted Working Space, Add	*7.00*	
40 05 23 23-0320	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	88.70	13.89
		For Work In Restricted Working Space, Add	*8.35*	
40 05 23 23-0321	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	116.11	17.47
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-0322	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	156.01	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0323		**150#, Type 316 Stainless Steel Threaded 90 Degree Elbows** *(40 05 23 23-0312)*		
40 05 23 23-0324	EA	1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	39.14	17.47
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-0325	EA	3/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	52.14	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0326	EA	1", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	66.15	29.30
		For Work In Restricted Working Space, Add	*17.60*	
40 05 23 23-0327	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	93.25	40.15
		For Work In Restricted Working Space, Add	*24.11*	
40 05 23 23-0328	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	111.52	47.19
		For Work In Restricted Working Space, Add	*28.31*	
40 05 23 23-0329	EA	2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	135.92	57.07
		For Work In Restricted Working Space, Add	*34.26*	
40 05 23 23-0330	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	228.52	90.38
		For Work In Restricted Working Space, Add	*54.25*	
40 05 23 23-0331	EA	3", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	298.93	116.64
		For Work In Restricted Working Space, Add	*70.00*	
40 05 23 23-0332	EA	4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	409.90	144.64
		For Work In Restricted Working Space, Add	*86.80*	
40 05 23 23-0333		**150#, Type 316 Stainless Steel Threaded 45 Degree Elbows** *(40 05 23 23-0312)*		
40 05 23 23-0334	EA	1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	39.91	17.47
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-0335	EA	3/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	52.63	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0336	EA	1", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	66.72	29.30
		For Work In Restricted Working Space, Add	*17.60*	
40 05 23 23-0337	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	93.09	40.15
		For Work In Restricted Working Space, Add	*24.11*	
40 05 23 23-0338	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	109.48	47.19
		For Work In Restricted Working Space, Add	*28.31*	
40 05 23 23-0339	EA	2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	135.35	57.07
		For Work In Restricted Working Space, Add	*34.26*	
40 05 23 23-0340	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	236.21	90.38
		For Work In Restricted Working Space, Add	*54.25*	
40 05 23 23-0341	EA	3", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	313.24	116.64
		For Work In Restricted Working Space, Add	*70.00*	
40 05 23 23-0342	EA	4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	439.81	144.64
		For Work In Restricted Working Space, Add	*86.80*	
40 05 23 23-0343		**150#, Type 316 Stainless Steel Threaded Tees** *(40 05 23 23-0312)*		
40 05 23 23-0344	EA	1/2", 150#, Type 316 Stainless Steel Threaded Tee	58.27	26.47
		For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0345	EA	3/4", 150#, Type 316 Stainless Steel Threaded Tee	77.89	35.05
		For Work In Restricted Working Space, Add	*21.00*	
40 05 23 23-0346	EA	1", 150#, Type 316 Stainless Steel Threaded Tee	96.69	43.41
		For Work In Restricted Working Space, Add	*26.04*	
40 05 23 23-0347	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Tee	140.27	60.33
		For Work In Restricted Working Space, Add	*36.17*	
40 05 23 23-0348	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Tee	159.54	67.81
		For Work In Restricted Working Space, Add	*40.69*	
40 05 23 23-0349	EA	2", 150#, Type 316 Stainless Steel Threaded Tee	211.62	90.38
		For Work In Restricted Working Space, Add	*54.25*	
40 05 23 23-0350	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Tee	333.43	130.74
		For Work In Restricted Working Space, Add	*78.44*	
40 05 23 23-0351	EA	3", 150#, Type 316 Stainless Steel Threaded Tee	452.76	175.01
		For Work In Restricted Working Space, Add	*105.00*	
40 05 23 23-0352	EA	4", 150#, Type 316 Stainless Steel Threaded Tee	601.40	217.01
		For Work In Restricted Working Space, Add	*130.20*	
40 05 23 23-0353		**150#, Type 316 Stainless Steel Threaded Reducers** *(40 05 23 23-0312)*		
40 05 23 23-0354	EA	3/4", 150#, Type 316 Stainless Steel Threaded Reducer	51.04	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0355	EA	1", 150#, Type 316 Stainless Steel Threaded Reducer	66.70	29.30
		For Work In Restricted Working Space, Add	*17.60*	
40 05 23 23-0356	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Reducer	88.85	40.15
		For Work In Restricted Working Space, Add	*24.11*	
40 05 23 23-0357	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Reducer	108.40	47.19
		For Work In Restricted Working Space, Add	*28.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0358	EA	2", 150#, Type 316 Stainless Steel Threaded Reducer	137.88	57.07
		For Work In Restricted Working Space, Add	*34.26*	
40 05 23 23-0359	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Reducer	232.19	90.38
		For Work In Restricted Working Space, Add	*54.25*	
40 05 23 23-0360	EA	3", 150#, Type 316 Stainless Steel Threaded Reducer	303.21	116.64
		For Work In Restricted Working Space, Add	*70.00*	
40 05 23 23-0361	EA	4", 150#, Type 316 Stainless Steel Threaded Reducer	405.22	144.64
		For Work In Restricted Working Space, Add	*86.80*	
40 05 23 23-0362		**150#, Type 316 Stainless Steel Threaded Caps** *(40 05 23 23-0312)*		
40 05 23 23-0363	EA	1/2", 150#, Type 316 Stainless Steel Threaded Cap	20.19	8.79
		For Work In Restricted Working Space, Add	*5.25*	
40 05 23 23-0364	EA	3/4", 150#, Type 316 Stainless Steel Threaded Cap	26.41	11.72
		For Work In Restricted Working Space, Add	*7.00*	
40 05 23 23-0365	EA	1", 150#, Type 316 Stainless Steel Threaded Cap	33.66	14.43
		For Work In Restricted Working Space, Add	*8.68*	
40 05 23 23-0366	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Cap	50.25	20.51
		For Work In Restricted Working Space, Add	*12.29*	
40 05 23 23-0367	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Cap	58.10	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0368	EA	2", 150#, Type 316 Stainless Steel Threaded Cap	73.92	29.30
		For Work In Restricted Working Space, Add	*17.60*	
40 05 23 23-0369	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Cap	113.87	43.41
		For Work In Restricted Working Space, Add	*26.04*	
40 05 23 23-0370	EA	3", 150#, Type 316 Stainless Steel Threaded Cap	149.66	57.07
		For Work In Restricted Working Space, Add	*34.26*	
40 05 23 23-0371	EA	4", 150#, Type 316 Stainless Steel Threaded Cap	206.26	72.37
		For Work In Restricted Working Space, Add	*43.40*	
40 05 23 23-0372		**150#, Type 316 Stainless Steel Threaded Unions** *(40 05 23 23-0312)*		
40 05 23 23-0373	EA	1/2", 150#, Type 316 Stainless Steel Threaded Union	63.08	26.47
		For Work In Restricted Working Space, Add	*15.88*	
40 05 23 23-0374	EA	3/4", 150#, Type 316 Stainless Steel Threaded Union	85.94	35.05
		For Work In Restricted Working Space, Add	*21.00*	
40 05 23 23-0375	EA	1", 150#, Type 316 Stainless Steel Threaded Union	106.23	43.41
		For Work In Restricted Working Space, Add	*26.04*	
40 05 23 23-0376	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Union	154.18	60.33
		For Work In Restricted Working Space, Add	*36.17*	
40 05 23 23-0377	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Union	173.77	67.81
		For Work In Restricted Working Space, Add	*40.69*	
40 05 23 23-0378	EA	2", 150#, Type 316 Stainless Steel Threaded Union	226.34	90.38
		For Work In Restricted Working Space, Add	*54.25*	
40 05 23 23-0379	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Union	388.18	135.63
		For Work In Restricted Working Space, Add	*81.38*	
40 05 23 23-0380	EA	3", 150#, Type 316 Stainless Steel Threaded Union	512.59	175.01
		For Work In Restricted Working Space, Add	*105.01*	
40 05 23 23-0381	EA	4", 150#, Type 316 Stainless Steel Threaded Union	566.33	144.69
		For Work In Restricted Working Space, Add	*86.81*	
40 05 23 23-0382		**150#, Type 316 Stainless Steel Threaded Couplings** *(40 05 23 23-0312)*		
40 05 23 23-0383	EA	1/2", 150#, Type 316 Stainless Steel Threaded Coupling	39.81	17.47
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-0384	EA	3/4", 150#, Type 316 Stainless Steel Threaded Coupling	51.21	23.11
		For Work In Restricted Working Space, Add	*13.85*	
40 05 23 23-0385	EA	1", 150#, Type 316 Stainless Steel Threaded Coupling	65.81	29.30
		For Work In Restricted Working Space, Add	*17.60*	
40 05 23 23-0386	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Coupling	91.75	40.15
		For Work In Restricted Working Space, Add	*24.11*	
40 05 23 23-0387	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Coupling	107.87	47.19
		For Work In Restricted Working Space, Add	*28.31*	
40 05 23 23-0388	EA	2", 150#, Type 316 Stainless Steel Threaded Coupling	133.23	57.07
		For Work In Restricted Working Space, Add	*34.26*	
40 05 23 23-0389	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Coupling	225.53	90.38
		For Work In Restricted Working Space, Add	*54.25*	
40 05 23 23-0390	EA	3", 150#, Type 316 Stainless Steel Threaded Coupling	291.06	116.64
		For Work In Restricted Working Space, Add	*70.00*	
40 05 23 23-0391	EA	4", 150#, Type 316 Stainless Steel Threaded Coupling	378.51	144.64
		For Work In Restricted Working Space, Add	*86.80*	
40 05 23 23-0392		**Type 304, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings** *(40 05 23 23-0231)*		
40 05 23 23-0393		**Type 304, Schedule 10 Stainless Steel Pipe** *(40 05 23 23-0392)*		
40 05 23 23-0394	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	20.89	4.56
		For Work In Restricted Working Space, Add	*2.74*	
40 05 23 23-0395	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	24.75	5.58
		For Work In Restricted Working Space, Add	*3.35*	
40 05 23 23-0396	LF	1" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	33.35	6.59
		For Work In Restricted Working Space, Add	*3.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0397	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	40.59	8.22
		For Work In Restricted Working Space, Add	*4.91*	
40 05 23 23-0398	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	45.08	9.23
		For Work In Restricted Working Space, Add	*5.53*	
40 05 23 23-0399	LF	2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	55.74	11.46
		For Work In Restricted Working Space, Add	*6.85*	
40 05 23 23-0400	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	67.04	13.08
		For Work In Restricted Working Space, Add	*7.83*	
40 05 23 23-0401	LF	3" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	79.55	14.71
		For Work In Restricted Working Space, Add	*8.82*	
40 05 23 23-0402	LF	4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	100.59	17.44
		For Work In Restricted Working Space, Add	*10.43*	
40 05 23 23-0403	LF	6" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	148.40	22.92
		For Work In Restricted Working Space, Add	*13.70*	
40 05 23 23-0404	LF	8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	246.16	41.49
		For Work In Restricted Working Space, Add	*26.66*	
40 05 23 23-0405	LF	10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	319.26	45.62
		For Work In Restricted Working Space, Add	*29.33*	
40 05 23 23-0406	LF	12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	384.69	50.73
		For Work In Restricted Working Space, Add	*32.59*	
40 05 23 23-0407	LF	14" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	476.79	57.03
		For Work In Restricted Working Space, Add	*36.66*	
40 05 23 23-0408	LF	16" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	523.43	65.18
		For Work In Restricted Working Space, Add	*41.90*	
40 05 23 23-0409	LF	18" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	584.45	76.03
		For Work In Restricted Working Space, Add	*48.88*	
40 05 23 23-0410	LF	20" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	820.88	91.24
		For Work In Restricted Working Space, Add	*58.66*	
40 05 23 23-0411	LF	24" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	1,073.80	114.05
		For Work In Restricted Working Space, Add	*73.32*	

40 05 23 23-0412 Type 304, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbow *(40 05 23 23-0392)*

40 05 23 23-0413	EA	1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	120.82	52.03
		For Work In Restricted Working Space, Add	*34.68*	
40 05 23 23-0414	EA	3/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	127.93	55.22
		For Work In Restricted Working Space, Add	*36.81*	
40 05 23 23-0415	EA	1", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	141.00	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-0416	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	153.90	66.14
		For Work In Restricted Working Space, Add	*44.09*	
40 05 23 23-0417	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	169.99	73.04
		For Work In Restricted Working Space, Add	*48.70*	
40 05 23 23-0418	EA	2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	190.08	81.27
		For Work In Restricted Working Space, Add	*54.17*	
40 05 23 23-0419	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	247.38	104.01
		For Work In Restricted Working Space, Add	*69.34*	
40 05 23 23-0420	EA	3", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	290.20	121.89
		For Work In Restricted Working Space, Add	*81.26*	
40 05 23 23-0421	EA	4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	355.81	145.89
		For Work In Restricted Working Space, Add	*97.26*	
40 05 23 23-0422	EA	6", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	489.70	182.25
		For Work In Restricted Working Space, Add	*121.50*	
40 05 23 23-0423	EA	8", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	853.70	314.23
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0424	EA	10", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	1,264.43	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0425	EA	12", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	1,910.22	628.46
		For Work In Restricted Working Space, Add	*418.97*	
40 05 23 23-0426	EA	14", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,259.77	733.20
		For Work In Restricted Working Space, Add	*488.80*	
40 05 23 23-0427	EA	16", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,656.93	836.35
		For Work In Restricted Working Space, Add	*557.57*	
40 05 23 23-0428	EA	18", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	3,358.97	1,047.43
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0429	EA	20", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	4,682.37	1,466.41
		For Work In Restricted Working Space, Add	*977.60*	
40 05 23 23-0430	EA	24", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	6,722.84	2,094.87
		For Work In Restricted Working Space, Add	*1,396.58*	

40 05 23 23-0431 Type 304, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbow *(40 05 23 23-0392)*

40 05 23 23-0432	EA	1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	122.35	52.03
		For Work In Restricted Working Space, Add	*34.68*	
40 05 23 23-0433	EA	3/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	129.46	55.22
		For Work In Restricted Working Space, Add	*36.81*	
40 05 23 23-0434	EA	1", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	142.84	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-0435	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	156.35	66.14
		For Work In Restricted Working Space, Add	*44.09*	
40 05 23 23-0436	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	170.30	73.04
		For Work In Restricted Working Space, Add	*48.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0437	EA	2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	190.08	81.27
		For Work In Restricted Working Space, Add	*54.17*	
40 05 23 23-0438	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	245.85	104.01
		For Work In Restricted Working Space, Add	*69.34*	
40 05 23 23-0439	EA	3", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	287.44	121.89
		For Work In Restricted Working Space, Add	*81.26*	
40 05 23 23-0440	EA	4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	350.60	145.89
		For Work In Restricted Working Space, Add	*97.26*	
40 05 23 23-0441	EA	6", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	462.39	182.25
		For Work In Restricted Working Space, Add	*121.50*	
40 05 23 23-0442	EA	8", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	801.02	314.23
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0443	EA	10", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,170.65	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0444	EA	12", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,761.75	628.46
		For Work In Restricted Working Space, Add	*418.97*	
40 05 23 23-0445	EA	14", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	2,077.54	733.20
		For Work In Restricted Working Space, Add	*488.80*	
40 05 23 23-0446	EA	16", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	2,432.02	836.35
		For Work In Restricted Working Space, Add	*557.57*	
40 05 23 23-0447	EA	18", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	3,063.62	1,047.43
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0448	EA	20", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	4,283.84	1,466.41
		For Work In Restricted Working Space, Add	*977.60*	
40 05 23 23-0449	EA	24", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	6,157.49	2,094.87
		For Work In Restricted Working Space, Add	*1,396.58*	
40 05 23 23-0450		**Type 304, Schedule 10 Stainless Steel Butt Weld Tee** *(40 05 23 23-0392)*		
40 05 23 23-0451	EA	1/2", Type 304, Schedule 10 Stainless Steel Tee	163.82	66.12
		For Work In Restricted Working Space, Add	*44.08*	
40 05 23 23-0452	EA	3/4", Type 304, Schedule 10 Stainless Steel Tee	197.26	81.17
		For Work In Restricted Working Space, Add	*54.11*	
40 05 23 23-0453	EA	1", Type 304, Schedule 10 Stainless Steel Tee	219.55	91.20
		For Work In Restricted Working Space, Add	*60.80*	
40 05 23 23-0454	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Tee	249.86	104.01
		For Work In Restricted Working Space, Add	*69.34*	
40 05 23 23-0455	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Tee	264.96	111.64
		For Work In Restricted Working Space, Add	*74.42*	
40 05 23 23-0456	EA	2", Type 304, Schedule 10 Stainless Steel Tee	288.68	121.76
		For Work In Restricted Working Space, Add	*81.17*	
40 05 23 23-0457	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Tee	375.30	145.89
		For Work In Restricted Working Space, Add	*97.26*	
40 05 23 23-0458	EA	3", Type 304, Schedule 10 Stainless Steel Tee	439.45	182.84
		For Work In Restricted Working Space, Add	*121.89*	
40 05 23 23-0459	EA	4", Type 304, Schedule 10 Stainless Steel Tee	505.71	205.21
		For Work In Restricted Working Space, Add	*136.80*	
40 05 23 23-0460	EA	6", Type 304, Schedule 10 Stainless Steel Tee	740.25	273.60
		For Work In Restricted Working Space, Add	*182.40*	
40 05 23 23-0461	EA	8", Type 304, Schedule 10 Stainless Steel Tee	1,242.89	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0462	EA	10", Type 304, Schedule 10 Stainless Steel Tee	1,910.22	628.46
		For Work In Restricted Working Space, Add	*418.97*	
40 05 23 23-0463	EA	12", Type 304, Schedule 10 Stainless Steel Tee	2,459.20	785.57
		For Work In Restricted Working Space, Add	*523.72*	
40 05 23 23-0464	EA	14", Type 304, Schedule 10 Stainless Steel Tee	3,028.14	944.04
		For Work In Restricted Working Space, Add	*629.36*	
40 05 23 23-0465	EA	16", Type 304, Schedule 10 Stainless Steel Tee	3,667.02	1,151.63
		For Work In Restricted Working Space, Add	*767.75*	
40 05 23 23-0466	EA	18", Type 304, Schedule 10 Stainless Steel Tee	4,666.00	1,466.41
		For Work In Restricted Working Space, Add	*977.60*	
40 05 23 23-0467	EA	20", Type 304, Schedule 10 Stainless Steel Tee	6,243.98	1,929.49
		For Work In Restricted Working Space, Add	*1,286.32*	
40 05 23 23-0468	EA	24", Type 304, Schedule 10 Stainless Steel Tee	9,355.26	2,932.81
		For Work In Restricted Working Space, Add	*1,955.21*	
40 05 23 23-0469		**Type 304, Schedule 10 Stainless Steel Butt Weld Reducing Tees** *(40 05 23 23-0392)*		
40 05 23 23-0470	EA	3/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	152.83	55.24
		For Work In Restricted Working Space, Add	*36.83*	
40 05 23 23-0471	EA	1", Type 304, Schedule 10 Stainless Steel Reducing Tee	180.50	67.70
		For Work In Restricted Working Space, Add	*45.13*	
40 05 23 23-0472	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	223.93	76.06
		For Work In Restricted Working Space, Add	*50.71*	
40 05 23 23-0473	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	230.43	86.71
		For Work In Restricted Working Space, Add	*57.81*	
40 05 23 23-0474	EA	2", Type 304, Schedule 10 Stainless Steel Reducing Tee	241.12	93.17
		For Work In Restricted Working Space, Add	*62.12*	
40 05 23 23-0475	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	318.00	101.54
		For Work In Restricted Working Space, Add	*67.69*	
40 05 23 23-0476	EA	3", Type 304, Schedule 10 Stainless Steel Reducing Tee	374.19	121.71
		For Work In Restricted Working Space, Add	*81.14*	
40 05 23 23-0477	EA	4", Type 304, Schedule 10 Stainless Steel Reducing Tee	460.78	152.12
		For Work In Restricted Working Space, Add	*101.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0478	EA	6", Type 304, Schedule 10 Stainless Steel Reducing Tee	612.71	173.81
		For Work In Restricted Working Space, Add	*115.88*	
40 05 23 23-0479	EA	8", Type 304, Schedule 10 Stainless Steel Reducing Tee	1,181.04	261.86
		For Work In Restricted Working Space, Add	*174.57*	
40 05 23 23-0480	EA	10", Type 304, Schedule 10 Stainless Steel Reducing Tee	1,957.94	349.14
		For Work In Restricted Working Space, Add	*232.76*	
40 05 23 23-0481	EA	12", Type 304, Schedule 10 Stainless Steel Reducing Tee	2,794.24	523.71
		For Work In Restricted Working Space, Add	*349.15*	
40 05 23 23-0482	EA	14", Type 304, Schedule 10 Stainless Steel Reducing Tee	3,390.98	629.19
		For Work In Restricted Working Space, Add	*419.46*	
40 05 23 23-0483	EA	16", Type 304, Schedule 10 Stainless Steel Reducing Tee	4,201.27	767.49
		For Work In Restricted Working Space, Add	*511.66*	
40 05 23 23-0484	EA	18", Type 304, Schedule 10 Stainless Steel Reducing Tee	5,427.04	977.61
		For Work In Restricted Working Space, Add	*651.74*	
40 05 23 23-0485	EA	20", Type 304, Schedule 10 Stainless Steel Reducing Tee	7,732.31	1,286.32
		For Work In Restricted Working Space, Add	*857.55*	
40 05 23 23-0486	EA	24", Type 304, Schedule 10 Stainless Steel Reducing Tee	12,103.50	1,953.47
		For Work In Restricted Working Space, Add	*1,302.32*	

40 05 23 23-0487 Type 304, Schedule 10 Stainless Steel Butt Weld Reducers *(40 05 23 23-0392)*

40 05 23 23-0488	EA	3/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	122.07	50.24
		For Work In Restricted Working Space, Add	*33.49*	
40 05 23 23-0489	EA	1", Type 304, Schedule 10 Stainless Steel Concentric Reducer	134.55	54.74
		For Work In Restricted Working Space, Add	*36.50*	
40 05 23 23-0490	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	149.14	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-0491	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	158.33	66.14
		For Work In Restricted Working Space, Add	*44.09*	
40 05 23 23-0492	EA	2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	172.45	73.04
		For Work In Restricted Working Space, Add	*48.70*	
40 05 23 23-0493	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	232.90	91.27
		For Work In Restricted Working Space, Add	*60.85*	
40 05 23 23-0494	EA	3", Type 304, Schedule 10 Stainless Steel Concentric Reducer	263.13	103.91
		For Work In Restricted Working Space, Add	*69.27*	
40 05 23 23-0495	EA	4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	307.46	121.76
		For Work In Restricted Working Space, Add	*81.17*	
40 05 23 23-0496	EA	6", Type 304, Schedule 10 Stainless Steel Concentric Reducer	397.26	155.01
		For Work In Restricted Working Space, Add	*103.34*	
40 05 23 23-0497	EA	8", Type 304, Schedule 10 Stainless Steel Concentric Reducer	643.40	251.39
		For Work In Restricted Working Space, Add	*167.59*	
40 05 23 23-0498	EA	10", Type 304, Schedule 10 Stainless Steel Concentric Reducer	819.24	314.23
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0499	EA	12", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,102.38	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0500	EA	14", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,578.34	549.90
		For Work In Restricted Working Space, Add	*366.60*	
40 05 23 23-0501	EA	16", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,847.96	626.67
		For Work In Restricted Working Space, Add	*417.78*	
40 05 23 23-0502	EA	18", Type 304, Schedule 10 Stainless Steel Concentric Reducer	2,272.96	785.57
		For Work In Restricted Working Space, Add	*523.72*	
40 05 23 23-0503	EA	20", Type 304, Schedule 10 Stainless Steel Concentric Reducer	3,198.64	1,047.43
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0504	EA	24", Type 304, Schedule 10 Stainless Steel Concentric Reducer	4,603.74	1,571.15
		For Work In Restricted Working Space, Add	*1,047.44*	
40 05 23 23-0505	EA	3/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	150.92	50.24
		For Work In Restricted Working Space, Add	*33.49*	
40 05 23 23-0506	EA	1", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	155.72	54.74
		For Work In Restricted Working Space, Add	*36.50*	
40 05 23 23-0507	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	163.65	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-0508	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	184.72	66.14
		For Work In Restricted Working Space, Add	*44.09*	
40 05 23 23-0509	EA	2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	191.47	73.04
		For Work In Restricted Working Space, Add	*48.70*	
40 05 23 23-0510	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	253.77	91.27
		For Work In Restricted Working Space, Add	*60.85*	
40 05 23 23-0511	EA	3", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	283.69	103.91
		For Work In Restricted Working Space, Add	*69.27*	
40 05 23 23-0512	EA	4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	323.36	121.76
		For Work In Restricted Working Space, Add	*81.17*	
40 05 23 23-0513	EA	6", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	454.64	155.01
		For Work In Restricted Working Space, Add	*103.34*	
40 05 23 23-0514	EA	8", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	766.41	251.39
		For Work In Restricted Working Space, Add	*167.59*	
40 05 23 23-0515	EA	10", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	1,059.17	314.23
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0516	EA	12", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	1,324.07	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0517	EA	14", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	2,089.76	549.90
		For Work In Restricted Working Space, Add	*366.60*	
40 05 23 23-0518	EA	16", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	2,433.97	626.67
		For Work In Restricted Working Space, Add	*417.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0519	EA	18", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	2,988.16	785.57
		For Work In Restricted Working Space, Add	*523.72*	
40 05 23 23-0520	EA	20", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	4,344.71	1,047.43
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0521	EA	24", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	6,122.65	1,571.15
		For Work In Restricted Working Space, Add	*1,047.44*	

40 05 23 23-0522 Type 304, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 23-0392)*

40 05 23 23-0523	EA	1/2", Type 304, Schedule 10 Stainless Steel Cap	67.32	26.01
		For Work In Restricted Working Space, Add	*17.34*	
40 05 23 23-0524	EA	3/4", Type 304, Schedule 10 Stainless Steel Cap	74.24	27.60
		For Work In Restricted Working Space, Add	*18.41*	
40 05 23 23-0525	EA	1", Type 304, Schedule 10 Stainless Steel Cap	81.54	30.34
		For Work In Restricted Working Space, Add	*20.23*	
40 05 23 23-0526	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Cap	89.92	33.08
		For Work In Restricted Working Space, Add	*22.05*	
40 05 23 23-0527	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Cap	96.20	36.52
		For Work In Restricted Working Space, Add	*24.35*	
40 05 23 23-0528	EA	2", Type 304, Schedule 10 Stainless Steel Cap	103.48	40.63
		For Work In Restricted Working Space, Add	*27.09*	
40 05 23 23-0529	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Cap	134.58	52.01
		For Work In Restricted Working Space, Add	*34.67*	
40 05 23 23-0530	EA	3", Type 304, Schedule 10 Stainless Steel Cap	151.70	60.95
		For Work In Restricted Working Space, Add	*40.63*	
40 05 23 23-0531	EA	4", Type 304, Schedule 10 Stainless Steel Cap	182.97	72.95
		For Work In Restricted Working Space, Add	*48.63*	
40 05 23 23-0532	EA	6", Type 304, Schedule 10 Stainless Steel Cap	236.89	91.27
		For Work In Restricted Working Space, Add	*60.85*	
40 05 23 23-0533	EA	8", Type 304, Schedule 10 Stainless Steel Cap	410.45	157.12
		For Work In Restricted Working Space, Add	*104.74*	
40 05 23 23-0534	EA	10", Type 304, Schedule 10 Stainless Steel Cap	546.53	209.49
		For Work In Restricted Working Space, Add	*139.66*	
40 05 23 23-0535	EA	12", Type 304, Schedule 10 Stainless Steel Cap	803.84	314.22
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0536	EA	14", Type 304, Schedule 10 Stainless Steel Cap	944.03	366.61
		For Work In Restricted Working Space, Add	*244.40*	
40 05 23 23-0537	EA	16", Type 304, Schedule 10 Stainless Steel Cap	1,096.13	418.17
		For Work In Restricted Working Space, Add	*278.79*	
40 05 23 23-0538	EA	18", Type 304, Schedule 10 Stainless Steel Cap	1,385.44	523.71
		For Work In Restricted Working Space, Add	*349.15*	
40 05 23 23-0539	EA	20", Type 304, Schedule 10 Stainless Steel Cap	1,911.12	733.20
		For Work In Restricted Working Space, Add	*488.80*	
40 05 23 23-0540	EA	24", Type 304, Schedule 10 Stainless Steel Cap	2,824.14	1,047.42
		For Work In Restricted Working Space, Add	*698.29*	

40 05 23 23-0541 Type 304, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*

40 05 23 23-0542 Type 304, Schedule 40 Stainless Steel Pipe *(40 05 23 23-0541)*

40 05 23 23-0543	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	23.78	4.56
		For Work In Restricted Working Space, Add	*2.74*	
40 05 23 23-0544	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	28.85	5.58
		For Work In Restricted Working Space, Add	*3.35*	
40 05 23 23-0545	LF	1" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	35.56	6.59
		For Work In Restricted Working Space, Add	*3.93*	
40 05 23 23-0546	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	44.44	8.12
		For Work In Restricted Working Space, Add	*4.91*	
40 05 23 23-0547	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	51.34	9.13
		For Work In Restricted Working Space, Add	*5.53*	
40 05 23 23-0548	LF	2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	66.06	11.67
		For Work In Restricted Working Space, Add	*6.85*	
40 05 23 23-0549	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	82.77	13.18
		For Work In Restricted Working Space, Add	*7.83*	
40 05 23 23-0550	LF	3" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	79.27	14.71
		For Work In Restricted Working Space, Add	*8.82*	
40 05 23 23-0551	LF	4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	135.66	17.24
		For Work In Restricted Working Space, Add	*10.43*	
40 05 23 23-0552	LF	6" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	214.21	22.82
		For Work In Restricted Working Space, Add	*13.70*	
40 05 23 23-0553	LF	8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	377.78	41.28
		For Work In Restricted Working Space, Add	*26.66*	
40 05 23 23-0554	LF	10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	482.97	45.62
		For Work In Restricted Working Space, Add	*29.33*	
40 05 23 23-0555	LF	12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	606.18	50.51
		For Work In Restricted Working Space, Add	*32.59*	

40 05 23 23-0556 Type 304, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0541)*

40 05 23 23-0557	EA	1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	122.04	52.03
		For Work In Restricted Working Space, Add	*34.68*	
40 05 23 23-0558	EA	3/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	129.15	55.22
		For Work In Restricted Working Space, Add	*36.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0559	EA	1", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	141.92	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-0560	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	154.57	66.14
		For Work In Restricted Working Space, Add	*44.09*	
40 05 23 23-0561	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	170.60	73.04
		For Work In Restricted Working Space, Add	*48.70*	
40 05 23 23-0562	EA	2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	192.23	81.27
		For Work In Restricted Working Space, Add	*54.17*	
40 05 23 23-0563	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	255.36	104.01
		For Work In Restricted Working Space, Add	*69.34*	
40 05 23 23-0564	EA	3", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	301.86	121.89
		For Work In Restricted Working Space, Add	*81.26*	
40 05 23 23-0565	EA	4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	375.45	145.89
		For Work In Restricted Working Space, Add	*97.26*	
40 05 23 23-0566	EA	6", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	615.19	182.25
		For Work In Restricted Working Space, Add	*121.50*	
40 05 23 23-0567	EA	8", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	1,024.71	314.23
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0568	EA	10", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	1,611.39	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0569	EA	12", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	2,360.23	628.46
		For Work In Restricted Working Space, Add	*418.97*	
40 05 23 23-0570	EA	14", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	2,805.71	733.20
		For Work In Restricted Working Space, Add	*488.80*	
40 05 23 23-0571	EA	16", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	3,358.26	836.35
		For Work In Restricted Working Space, Add	*557.57*	
40 05 23 23-0572	EA	18", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	4,333.45	1,047.43
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0573	EA	20", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	5,885.15	1,466.41
		For Work In Restricted Working Space, Add	*977.60*	
40 05 23 23-0574	EA	24", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	8,438.80	2,094.87
		For Work In Restricted Working Space, Add	*1,396.58*	
40 05 23 23-0575		Type 304, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0541)*		
40 05 23 23-0576	EA	1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	124.19	52.03
		For Work In Restricted Working Space, Add	*34.68*	
40 05 23 23-0577	EA	3/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	131.30	55.22
		For Work In Restricted Working Space, Add	*36.81*	
40 05 23 23-0578	EA	1", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	143.45	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-0579	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	156.13	66.14
		For Work In Restricted Working Space, Add	*44.09*	
40 05 23 23-0580	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	172.14	73.04
		For Work In Restricted Working Space, Add	*48.70*	
40 05 23 23-0581	EA	2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	192.56	81.27
		For Work In Restricted Working Space, Add	*54.17*	
40 05 23 23-0582	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	255.36	104.01
		For Work In Restricted Working Space, Add	*69.34*	
40 05 23 23-0583	EA	3", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	293.27	121.89
		For Work In Restricted Working Space, Add	*81.26*	
40 05 23 23-0584	EA	4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	380.05	145.89
		For Work In Restricted Working Space, Add	*97.26*	
40 05 23 23-0585	EA	6", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	510.56	182.25
		For Work In Restricted Working Space, Add	*121.50*	
40 05 23 23-0586	EA	8", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	915.01	314.23
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0587	EA	10", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	1,337.34	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0588	EA	12", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	1,955.96	628.46
		For Work In Restricted Working Space, Add	*418.97*	
40 05 23 23-0589	EA	14", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,214.50	733.20
		For Work In Restricted Working Space, Add	*488.80*	
40 05 23 23-0590	EA	16", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,654.35	836.35
		For Work In Restricted Working Space, Add	*557.57*	
40 05 23 23-0591	EA	18", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	3,351.43	1,047.43
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0592	EA	20", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	4,560.05	1,466.41
		For Work In Restricted Working Space, Add	*977.60*	
40 05 23 23-0593	EA	24", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	6,626.49	2,094.87
		For Work In Restricted Working Space, Add	*1,396.58*	
40 05 23 23-0594		Type 304, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 23-0541)*		
40 05 23 23-0595	EA	1/2", Type 304, Schedule 40 Stainless Steel Tee	165.04	66.12
		For Work In Restricted Working Space, Add	*44.08*	
40 05 23 23-0596	EA	3/4", Type 304, Schedule 40 Stainless Steel Tee	198.48	81.17
		For Work In Restricted Working Space, Add	*54.11*	
40 05 23 23-0597	EA	1", Type 304, Schedule 40 Stainless Steel Tee	220.77	91.20
		For Work In Restricted Working Space, Add	*60.80*	
40 05 23 23-0598	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Tee	252.99	104.01
		For Work In Restricted Working Space, Add	*69.34*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0599	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Tee	266.18	111.64
		For Work In Restricted Working Space, Add	*74.42*	
40 05 23 23-0600	EA	2", Type 304, Schedule 40 Stainless Steel Tee	290.22	121.76
		For Work In Restricted Working Space, Add	*81.17*	
40 05 23 23-0601	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Tee	379.44	145.89
		For Work In Restricted Working Space, Add	*97.26*	
40 05 23 23-0602	EA	3", Type 304, Schedule 40 Stainless Steel Tee	445.89	182.84
		For Work In Restricted Working Space, Add	*121.89*	
40 05 23 23-0603	EA	4", Type 304, Schedule 40 Stainless Steel Tee	512.77	205.21
		For Work In Restricted Working Space, Add	*136.80*	
40 05 23 23-0604	EA	6", Type 304, Schedule 40 Stainless Steel Tee	789.03	273.60
		For Work In Restricted Working Space, Add	*182.40*	
40 05 23 23-0605	EA	8", Type 304, Schedule 40 Stainless Steel Tee	1,387.70	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0606	EA	10", Type 304, Schedule 40 Stainless Steel Tee	2,354.62	628.46
		For Work In Restricted Working Space, Add	*418.97*	
40 05 23 23-0607	EA	12", Type 304, Schedule 40 Stainless Steel Tee	2,927.78	785.57
		For Work In Restricted Working Space, Add	*523.72*	
40 05 23 23-0608	EA	14", Type 304, Schedule 40 Stainless Steel Tee	3,972.34	944.04
		For Work In Restricted Working Space, Add	*629.36*	
40 05 23 23-0609	EA	16", Type 304, Schedule 40 Stainless Steel Tee	5,045.50	1,151.63
		For Work In Restricted Working Space, Add	*767.75*	
40 05 23 23-0610	EA	18", Type 304, Schedule 40 Stainless Steel Tee	6,537.64	1,466.41
		For Work In Restricted Working Space, Add	*977.60*	
40 05 23 23-0611	EA	20", Type 304, Schedule 40 Stainless Steel Tee	8,439.36	1,929.49
		For Work In Restricted Working Space, Add	*1,286.32*	
40 05 23 23-0612	EA	24", Type 304, Schedule 40 Stainless Steel Tee	12,920.84	2,932.81
		For Work In Restricted Working Space, Add	*1,955.21*	
40 05 23 23-0613		**Type 304, Schedule 40 Stainless Steel Butt Weld Reducing Tees** *(40 05 23 23-0541)*		
40 05 23 23-0614	EA	3/4", Type 304, Schedule 40 Stainless Steel Reducing Tee	156.82	55.24
		For Work In Restricted Working Space, Add	*36.83*	
40 05 23 23-0615	EA	1", Type 304, Schedule 40 Stainless Steel Reducing Tee	184.49	67.70
		For Work In Restricted Working Space, Add	*45.13*	
40 05 23 23-0616	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Reducing Tee	243.12	76.06
		For Work In Restricted Working Space, Add	*50.71*	
40 05 23 23-0617	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee	236.26	86.71
		For Work In Restricted Working Space, Add	*57.81*	
40 05 23 23-0618	EA	2", Type 304, Schedule 40 Stainless Steel Reducing Tee	241.12	93.17
		For Work In Restricted Working Space, Add	*62.12*	
40 05 23 23-0619	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee	298.39	101.54
		For Work In Restricted Working Space, Add	*67.69*	
40 05 23 23-0620	EA	3", Type 304, Schedule 40 Stainless Steel Reducing Tee	330.93	121.71
		For Work In Restricted Working Space, Add	*81.14*	
40 05 23 23-0621	EA	4", Type 304, Schedule 40 Stainless Steel Reducing Tee	438.07	152.12
		For Work In Restricted Working Space, Add	*101.41*	
40 05 23 23-0622	EA	6", Type 304, Schedule 40 Stainless Steel Reducing Tee	616.39	173.81
		For Work In Restricted Working Space, Add	*115.88*	
40 05 23 23-0623	EA	8", Type 304, Schedule 40 Stainless Steel Reducing Tee	1,050.81	261.86
		For Work In Restricted Working Space, Add	*174.57*	
40 05 23 23-0624	EA	10", Type 304, Schedule 40 Stainless Steel Reducing Tee	1,998.69	349.14
		For Work In Restricted Working Space, Add	*232.76*	
40 05 23 23-0625	EA	12", Type 304, Schedule 40 Stainless Steel Reducing Tee	2,875.77	523.71
		For Work In Restricted Working Space, Add	*349.15*	
40 05 23 23-0626	EA	14", Type 304, Schedule 40 Stainless Steel Reducing Tee	3,276.60	629.19
		For Work In Restricted Working Space, Add	*419.46*	
40 05 23 23-0627	EA	16", Type 304, Schedule 40 Stainless Steel Reducing Tee	4,058.02	767.49
		For Work In Restricted Working Space, Add	*511.66*	
40 05 23 23-0628	EA	18", Type 304, Schedule 40 Stainless Steel Reducing Tee	5,240.23	977.61
		For Work In Restricted Working Space, Add	*651.74*	
40 05 23 23-0629	EA	20", Type 304, Schedule 40 Stainless Steel Reducing Tee	7,452.56	1,286.32
		For Work In Restricted Working Space, Add	*857.55*	
40 05 23 23-0630	EA	24", Type 304, Schedule 40 Stainless Steel Reducing Tee	11,657.95	1,953.47
		For Work In Restricted Working Space, Add	*1,302.32*	
40 05 23 23-0631		**Type 304, Schedule 40 Stainless Steel Butt Weld Reducers** *(40 05 23 23-0541)*		
40 05 23 23-0632	EA	3/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	125.14	50.24
		For Work In Restricted Working Space, Add	*33.49*	
40 05 23 23-0633	EA	1", Type 304, Schedule 40 Stainless Steel Concentric Reducer	137.62	54.74
		For Work In Restricted Working Space, Add	*36.50*	
40 05 23 23-0634	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	149.37	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-0635	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	161.40	66.14
		For Work In Restricted Working Space, Add	*44.09*	
40 05 23 23-0636	EA	2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	174.29	73.04
		For Work In Restricted Working Space, Add	*48.70*	
40 05 23 23-0637	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	232.90	91.27
		For Work In Restricted Working Space, Add	*60.85*	
40 05 23 23-0638	EA	3", Type 304, Schedule 40 Stainless Steel Concentric Reducer	252.08	103.91
		For Work In Restricted Working Space, Add	*69.27*	
40 05 23 23-0639	EA	4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	291.75	121.76
		For Work In Restricted Working Space, Add	*81.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0640	EA	6", Type 304, Schedule 40 Stainless Steel Concentric Reducer	399.71	155.01
		For Work In Restricted Working Space, Add	*103.34*	
40 05 23 23-0641	EA	8", Type 304, Schedule 40 Stainless Steel Concentric Reducer	695.51	251.39
		For Work In Restricted Working Space, Add	*167.59*	
40 05 23 23-0642	EA	10", Type 304, Schedule 40 Stainless Steel Concentric Reducer	908.72	314.23
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0643	EA	12", Type 304, Schedule 40 Stainless Steel Concentric Reducer	1,182.24	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0644	EA	14", Type 304, Schedule 40 Stainless Steel Concentric Reducer	1,757.55	549.90
		For Work In Restricted Working Space, Add	*366.60*	
40 05 23 23-0645	EA	16", Type 304, Schedule 40 Stainless Steel Concentric Reducer	2,073.26	626.67
		For Work In Restricted Working Space, Add	*417.78*	
40 05 23 23-0646	EA	18", Type 304, Schedule 40 Stainless Steel Concentric Reducer	2,729.19	785.57
		For Work In Restricted Working Space, Add	*523.72*	
40 05 23 23-0647	EA	20", Type 304, Schedule 40 Stainless Steel Concentric Reducer	3,736.79	1,047.43
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0648	EA	24", Type 304, Schedule 40 Stainless Steel Concentric Reducer	5,161.05	1,571.15
		For Work In Restricted Working Space, Add	*1,047.44*	
40 05 23 23-0649	EA	3/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	152.16	50.24
		For Work In Restricted Working Space, Add	*33.49*	
40 05 23 23-0650	EA	1", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	162.16	54.74
		For Work In Restricted Working Space, Add	*36.50*	
40 05 23 23-0651	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	185.74	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-0652	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	196.07	66.14
		For Work In Restricted Working Space, Add	*44.09*	
40 05 23 23-0653	EA	2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	208.96	73.04
		For Work In Restricted Working Space, Add	*48.70*	
40 05 23 23-0654	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	253.77	91.27
		For Work In Restricted Working Space, Add	*60.85*	
40 05 23 23-0655	EA	3", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	321.73	103.91
		For Work In Restricted Working Space, Add	*69.27*	
40 05 23 23-0656	EA	4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	349.13	121.76
		For Work In Restricted Working Space, Add	*81.17*	
40 05 23 23-0657	EA	6", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	480.10	155.01
		For Work In Restricted Working Space, Add	*103.34*	
40 05 23 23-0658	EA	8", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	769.07	251.39
		For Work In Restricted Working Space, Add	*167.59*	
40 05 23 23-0659	EA	10", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,056.85	314.23
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0660	EA	12", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,444.70	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0661	EA	14", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	2,400.87	549.90
		For Work In Restricted Working Space, Add	*366.60*	
40 05 23 23-0662	EA	16", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	2,722.53	626.67
		For Work In Restricted Working Space, Add	*417.78*	
40 05 23 23-0663	EA	18", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	3,569.17	785.57
		For Work In Restricted Working Space, Add	*523.72*	
40 05 23 23-0664	EA	20", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	4,631.45	1,047.43
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0665	EA	24", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	7,393.57	1,571.15
		For Work In Restricted Working Space, Add	*1,047.44*	

40 05 23 23-0666 Type 304, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 23-0541)*

40 05 23 23-0667	EA	1/2", Type 304, Schedule 40 Stainless Steel Cap	68.24	26.01
		For Work In Restricted Working Space, Add	*17.34*	
40 05 23 23-0668	EA	3/4", Type 304, Schedule 40 Stainless Steel Cap	73.32	27.60
		For Work In Restricted Working Space, Add	*18.41*	
40 05 23 23-0669	EA	1", Type 304, Schedule 40 Stainless Steel Cap	82.47	30.34
		For Work In Restricted Working Space, Add	*20.23*	
40 05 23 23-0670	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Cap	94.02	33.08
		For Work In Restricted Working Space, Add	*22.05*	
40 05 23 23-0671	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Cap	100.18	36.52
		For Work In Restricted Working Space, Add	*24.35*	
40 05 23 23-0672	EA	2", Type 304, Schedule 40 Stainless Steel Cap	103.18	40.63
		For Work In Restricted Working Space, Add	*27.09*	
40 05 23 23-0673	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Cap	132.52	52.01
		For Work In Restricted Working Space, Add	*34.67*	
40 05 23 23-0674	EA	3", Type 304, Schedule 40 Stainless Steel Cap	152.93	60.95
		For Work In Restricted Working Space, Add	*40.63*	
40 05 23 23-0675	EA	4", Type 304, Schedule 40 Stainless Steel Cap	186.66	72.95
		For Work In Restricted Working Space, Add	*48.63*	
40 05 23 23-0676	EA	6", Type 304, Schedule 40 Stainless Steel Cap	259.60	91.27
		For Work In Restricted Working Space, Add	*60.85*	
40 05 23 23-0677	EA	8", Type 304, Schedule 40 Stainless Steel Cap	446.91	157.12
		For Work In Restricted Working Space, Add	*104.74*	
40 05 23 23-0678	EA	10", Type 304, Schedule 40 Stainless Steel Cap	598.07	209.49
		For Work In Restricted Working Space, Add	*139.66*	
40 05 23 23-0679	EA	12", Type 304, Schedule 40 Stainless Steel Cap	902.09	314.22
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0680	EA	14", Type 304, Schedule 40 Stainless Steel Cap	1,034.03	366.61
		For Work In Restricted Working Space, Add	*244.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0681	EA	16", Type 304, Schedule 40 Stainless Steel Cap	1,219.94	418.17
		For Work In Restricted Working Space, Add	*278.79*	
40 05 23 23-0682	EA	18", Type 304, Schedule 40 Stainless Steel Cap	1,532.17	523.71
		For Work In Restricted Working Space, Add	*349.15*	
40 05 23 23-0683	EA	20", Type 304, Schedule 40 Stainless Steel Cap	2,106.80	733.20
		For Work In Restricted Working Space, Add	*488.80*	
40 05 23 23-0684	EA	24", Type 304, Schedule 40 Stainless Steel Cap	3,151.30	1,047.42
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0685		Type 316, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*		
40 05 23 23-0686		Type 316, Schedule 10 Stainless Steel Pipe *(40 05 23 23-0685)*		
40 05 23 23-0687	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	24.56	4.56
		For Work In Restricted Working Space, Add	*2.74*	
40 05 23 23-0688	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	29.00	5.58
		For Work In Restricted Working Space, Add	*3.35*	
40 05 23 23-0689	LF	1" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	39.68	6.59
		For Work In Restricted Working Space, Add	*3.93*	
40 05 23 23-0690	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	48.15	8.22
		For Work In Restricted Working Space, Add	*4.91*	
40 05 23 23-0691	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	53.40	9.23
		For Work In Restricted Working Space, Add	*5.53*	
40 05 23 23-0692	LF	2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	66.02	11.46
		For Work In Restricted Working Space, Add	*6.85*	
40 05 23 23-0693	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	79.82	13.08
		For Work In Restricted Working Space, Add	*7.83*	
40 05 23 23-0694	LF	3" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	95.21	14.71
		For Work In Restricted Working Space, Add	*8.82*	
40 05 23 23-0695	LF	4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	121.14	17.44
		For Work In Restricted Working Space, Add	*10.43*	
40 05 23 23-0696	LF	6" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	180.48	22.92
		For Work In Restricted Working Space, Add	*13.70*	
40 05 23 23-0697	LF	8" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	295.29	41.49
		For Work In Restricted Working Space, Add	*26.66*	
40 05 23 23-0698	LF	10" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	388.43	45.62
		For Work In Restricted Working Space, Add	*29.33*	
40 05 23 23-0699	LF	12" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	470.90	50.73
		For Work In Restricted Working Space, Add	*32.59*	
40 05 23 23-0700	LF	14" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	587.53	57.03
		For Work In Restricted Working Space, Add	*36.66*	
40 05 23 23-0701	LF	16" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	643.27	65.18
		For Work In Restricted Working Space, Add	*41.90*	
40 05 23 23-0702	LF	18" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	716.09	76.03
		For Work In Restricted Working Space, Add	*48.88*	
40 05 23 23-0703	LF	20" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	1,016.18	91.24
		For Work In Restricted Working Space, Add	*58.66*	
40 05 23 23-0704	LF	24" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	1,332.82	114.05
		For Work In Restricted Working Space, Add	*73.32*	
40 05 23 23-0705		Type 316, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0685)*		
40 05 23 23-0706	EA	1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	122.35	52.03
		For Work In Restricted Working Space, Add	*34.68*	
40 05 23 23-0707	EA	3/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	129.46	55.22
		For Work In Restricted Working Space, Add	*36.81*	
40 05 23 23-0708	EA	1", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	142.84	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-0709	EA	1-1/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	156.58	66.14
		For Work In Restricted Working Space, Add	*44.09*	
40 05 23 23-0710	EA	1-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	171.83	73.04
		For Work In Restricted Working Space, Add	*48.70*	
40 05 23 23-0711	EA	2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	192.23	81.27
		For Work In Restricted Working Space, Add	*54.17*	
40 05 23 23-0712	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	251.37	104.01
		For Work In Restricted Working Space, Add	*69.34*	
40 05 23 23-0713	EA	3", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	296.03	121.89
		For Work In Restricted Working Space, Add	*81.26*	
40 05 23 23-0714	EA	4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	364.71	145.89
		For Work In Restricted Working Space, Add	*97.26*	
40 05 23 23-0715	EA	6", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	513.02	182.25
		For Work In Restricted Working Space, Add	*121.50*	
40 05 23 23-0716	EA	8", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	897.12	314.23
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0717	EA	10", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	1,364.82	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0718	EA	12", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,047.09	628.46
		For Work In Restricted Working Space, Add	*418.97*	
40 05 23 23-0719	EA	14", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,388.57	733.20
		For Work In Restricted Working Space, Add	*488.80*	
40 05 23 23-0720	EA	16", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,860.65	836.35
		For Work In Restricted Working Space, Add	*557.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0721	EA	18", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	3,603.26	1,047.43
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0722	EA	20", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	5,031.33	1,466.41
		For Work In Restricted Working Space, Add	*977.60*	
40 05 23 23-0723	EA	24", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	7,241.37	2,094.87
		For Work In Restricted Working Space, Add	*1,396.58*	
40 05 23 23-0724		**Type 316, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbows** *(40 05 23 23-0685)*		
40 05 23 23-0725	EA	1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	124.19	52.03
		For Work In Restricted Working Space, Add	*34.68*	
40 05 23 23-0726	EA	3/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	131.30	55.22
		For Work In Restricted Working Space, Add	*36.81*	
40 05 23 23-0727	EA	1", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	144.68	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-0728	EA	1-1/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	159.03	66.14
		For Work In Restricted Working Space, Add	*44.09*	
40 05 23 23-0729	EA	1-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	171.83	73.04
		For Work In Restricted Working Space, Add	*48.70*	
40 05 23 23-0730	EA	2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	192.23	81.27
		For Work In Restricted Working Space, Add	*54.17*	
40 05 23 23-0731	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	249.53	104.01
		For Work In Restricted Working Space, Add	*69.34*	
40 05 23 23-0732	EA	3", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	293.27	121.89
		For Work In Restricted Working Space, Add	*81.26*	
40 05 23 23-0733	EA	4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	358.27	145.89
		For Work In Restricted Working Space, Add	*97.26*	
40 05 23 23-0734	EA	6", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	474.97	182.25
		For Work In Restricted Working Space, Add	*121.50*	
40 05 23 23-0735	EA	8", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	828.85	314.23
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0736	EA	10", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	1,337.34	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0737	EA	12", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	1,955.96	628.46
		For Work In Restricted Working Space, Add	*418.97*	
40 05 23 23-0738	EA	14", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,303.17	733.20
		For Work In Restricted Working Space, Add	*488.80*	
40 05 23 23-0739	EA	16", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,704.08	836.35
		For Work In Restricted Working Space, Add	*557.57*	
40 05 23 23-0740	EA	18", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	3,418.88	1,047.43
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0741	EA	20", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	4,865.67	1,466.41
		For Work In Restricted Working Space, Add	*977.60*	
40 05 23 23-0742	EA	24", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	7,020.72	2,094.87
		For Work In Restricted Working Space, Add	*1,396.58*	
40 05 23 23-0743		**Type 316, Schedule 10 Stainless Steel Butt Weld Tees** *(40 05 23 23-0685)*		
40 05 23 23-0744	EA	1/2", Type 316, Schedule 10 Stainless Steel Tee	167.80	66.12
		For Work In Restricted Working Space, Add	*44.08*	
40 05 23 23-0745	EA	3/4", Type 316, Schedule 10 Stainless Steel Tee	201.24	81.17
		For Work In Restricted Working Space, Add	*54.11*	
40 05 23 23-0746	EA	1", Type 316, Schedule 10 Stainless Steel Tee	223.53	91.20
		For Work In Restricted Working Space, Add	*60.80*	
40 05 23 23-0747	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Tee	257.23	104.01
		For Work In Restricted Working Space, Add	*69.34*	
40 05 23 23-0748	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Tee	270.79	111.64
		For Work In Restricted Working Space, Add	*74.42*	
40 05 23 23-0749	EA	2", Type 316, Schedule 10 Stainless Steel Tee	293.90	121.76
		For Work In Restricted Working Space, Add	*81.17*	
40 05 23 23-0750	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Tee	358.58	145.89
		For Work In Restricted Working Space, Add	*97.26*	
40 05 23 23-0751	EA	3", Type 316, Schedule 10 Stainless Steel Tee	449.57	182.84
		For Work In Restricted Working Space, Add	*121.89*	
40 05 23 23-0752	EA	4", Type 316, Schedule 10 Stainless Steel Tee	519.52	205.21
		For Work In Restricted Working Space, Add	*136.80*	
40 05 23 23-0753	EA	6", Type 316, Schedule 10 Stainless Steel Tee	779.83	273.60
		For Work In Restricted Working Space, Add	*182.40*	
40 05 23 23-0754	EA	8", Type 316, Schedule 10 Stainless Steel Tee	1,346.93	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0755	EA	10", Type 316, Schedule 10 Stainless Steel Tee	2,110.05	628.46
		For Work In Restricted Working Space, Add	*418.97*	
40 05 23 23-0756	EA	12", Type 316, Schedule 10 Stainless Steel Tee	2,723.96	785.57
		For Work In Restricted Working Space, Add	*523.72*	
40 05 23 23-0757	EA	14", Type 316, Schedule 10 Stainless Steel Tee	3,519.07	944.04
		For Work In Restricted Working Space, Add	*629.36*	
40 05 23 23-0758	EA	16", Type 316, Schedule 10 Stainless Steel Tee	4,142.45	1,151.63
		For Work In Restricted Working Space, Add	*767.75*	
40 05 23 23-0759	EA	18", Type 316, Schedule 10 Stainless Steel Tee	5,264.20	1,466.41
		For Work In Restricted Working Space, Add	*977.60*	
40 05 23 23-0760	EA	20", Type 316, Schedule 10 Stainless Steel Tee	7,116.32	1,929.49
		For Work In Restricted Working Space, Add	*1,286.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0761	EA	24", Type 316, Schedule 10 Stainless Steel Tee	10,120.36	2,932.81
		For Work In Restricted Working Space, Add	*1,955.21*	
40 05 23 23-0762		**Type 316, Schedule 10 Stainless Steel Butt Weld Reducing Tees** *(40 05 23 23-0685)*		
40 05 23 23-0763	EA	3/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	162.34	55.24
		For Work In Restricted Working Space, Add	*36.83*	
40 05 23 23-0764	EA	1", Type 316, Schedule 10 Stainless Steel Reducing Tee	191.85	67.70
		For Work In Restricted Working Space, Add	*45.13*	
40 05 23 23-0765	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	237.76	76.06
		For Work In Restricted Working Space, Add	*50.71*	
40 05 23 23-0766	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	239.94	86.71
		For Work In Restricted Working Space, Add	*57.81*	
40 05 23 23-0767	EA	2", Type 316, Schedule 10 Stainless Steel Reducing Tee	254.31	93.17
		For Work In Restricted Working Space, Add	*62.12*	
40 05 23 23-0768	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	357.89	101.54
		For Work In Restricted Working Space, Add	*67.69*	
40 05 23 23-0769	EA	3", Type 316, Schedule 10 Stainless Steel Reducing Tee	338.29	121.71
		For Work In Restricted Working Space, Add	*81.14*	
40 05 23 23-0770	EA	4", Type 316, Schedule 10 Stainless Steel Reducing Tee	460.78	152.12
		For Work In Restricted Working Space, Add	*101.41*	
40 05 23 23-0771	EA	6", Type 316, Schedule 10 Stainless Steel Reducing Tee	669.47	173.81
		For Work In Restricted Working Space, Add	*115.88*	
40 05 23 23-0772	EA	8", Type 316, Schedule 10 Stainless Steel Reducing Tee	1,346.08	261.86
		For Work In Restricted Working Space, Add	*174.57*	
40 05 23 23-0773	EA	10", Type 316, Schedule 10 Stainless Steel Reducing Tee	2,508.37	349.14
		For Work In Restricted Working Space, Add	*232.76*	
40 05 23 23-0774	EA	12", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,263.15	523.71
		For Work In Restricted Working Space, Add	*349.15*	
40 05 23 23-0775	EA	14", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,701.65	629.19
		For Work In Restricted Working Space, Add	*419.46*	
40 05 23 23-0776	EA	16", Type 316, Schedule 10 Stainless Steel Reducing Tee	4,590.35	767.49
		For Work In Restricted Working Space, Add	*511.66*	
40 05 23 23-0777	EA	18", Type 316, Schedule 10 Stainless Steel Reducing Tee	5,934.42	977.61
		For Work In Restricted Working Space, Add	*651.74*	
40 05 23 23-0778	EA	20", Type 316, Schedule 10 Stainless Steel Reducing Tee	8,492.11	1,286.32
		For Work In Restricted Working Space, Add	*857.55*	
40 05 23 23-0779	EA	24", Type 316, Schedule 10 Stainless Steel Reducing Tee	13,313.63	1,953.47
		For Work In Restricted Working Space, Add	*1,302.32*	
40 05 23 23-0780		**Type 316, Schedule 10 Stainless Steel Butt Weld Reducers** *(40 05 23 23-0685)*		
40 05 23 23-0781	EA	3/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	124.83	50.24
		For Work In Restricted Working Space, Add	*33.49*	
40 05 23 23-0782	EA	1", Type 316, Schedule 10 Stainless Steel Concentric Reducer	137.92	54.74
		For Work In Restricted Working Space, Add	*36.50*	
40 05 23 23-0783	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	154.05	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-0784	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	160.48	66.14
		For Work In Restricted Working Space, Add	*44.09*	
40 05 23 23-0785	EA	2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	174.29	73.04
		For Work In Restricted Working Space, Add	*48.70*	
40 05 23 23-0786	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	231.62	91.27
		For Work In Restricted Working Space, Add	*60.85*	
40 05 23 23-0787	EA	3", Type 316, Schedule 10 Stainless Steel Concentric Reducer	270.49	103.91
		For Work In Restricted Working Space, Add	*69.27*	
40 05 23 23-0788	EA	4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	293.94	121.76
		For Work In Restricted Working Space, Add	*81.17*	
40 05 23 23-0789	EA	6", Type 316, Schedule 10 Stainless Steel Concentric Reducer	412.29	155.01
		For Work In Restricted Working Space, Add	*103.34*	
40 05 23 23-0790	EA	8", Type 316, Schedule 10 Stainless Steel Concentric Reducer	659.13	251.39
		For Work In Restricted Working Space, Add	*167.59*	
40 05 23 23-0791	EA	10", Type 316, Schedule 10 Stainless Steel Concentric Reducer	856.04	314.23
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0792	EA	12", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,145.80	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0793	EA	14", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,638.13	549.90
		For Work In Restricted Working Space, Add	*366.60*	
40 05 23 23-0794	EA	16", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,904.58	626.67
		For Work In Restricted Working Space, Add	*417.78*	
40 05 23 23-0795	EA	18", Type 316, Schedule 10 Stainless Steel Concentric Reducer	2,356.19	785.57
		For Work In Restricted Working Space, Add	*523.72*	
40 05 23 23-0796	EA	20", Type 316, Schedule 10 Stainless Steel Concentric Reducer	3,327.24	1,047.43
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0797	EA	24", Type 316, Schedule 10 Stainless Steel Concentric Reducer	4,831.75	1,571.15
		For Work In Restricted Working Space, Add	*1,047.44*	
40 05 23 23-0798	EA	3/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	148.68	50.24
		For Work In Restricted Working Space, Add	*33.49*	
40 05 23 23-0799	EA	1", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	166.25	54.74
		For Work In Restricted Working Space, Add	*36.50*	
40 05 23 23-0800	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	187.64	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-0801	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	199.76	66.14
		For Work In Restricted Working Space, Add	*44.09*	

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SAN BERNARDINO COUNTY

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0802	EA	2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	198.53	73.04
		For Work In Restricted Working Space, Add	*48.70*	
40 05 23 23-0803	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	265.12	91.27
		For Work In Restricted Working Space, Add	*60.85*	
40 05 23 23-0804	EA	3", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	304.86	103.91
		For Work In Restricted Working Space, Add	*69.27*	
40 05 23 23-0805	EA	4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	340.54	121.76
		For Work In Restricted Working Space, Add	*81.17*	
40 05 23 23-0806	EA	6", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	492.38	155.01
		For Work In Restricted Working Space, Add	*103.34*	
40 05 23 23-0807	EA	8", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	832.68	251.39
		For Work In Restricted Working Space, Add	*167.59*	
40 05 23 23-0808	EA	10", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,154.94	314.23
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0809	EA	12", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,455.95	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0810	EA	14", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	2,226.31	549.90
		For Work In Restricted Working Space, Add	*366.60*	
40 05 23 23-0811	EA	16", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	2,615.48	626.67
		For Work In Restricted Working Space, Add	*417.78*	
40 05 23 23-0812	EA	18", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	3,239.43	785.57
		For Work In Restricted Working Space, Add	*523.72*	
40 05 23 23-0813	EA	20", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	4,739.81	1,047.43
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0814	EA	24", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	6,509.29	1,571.15
		For Work In Restricted Working Space, Add	*1,047.44*	
40 05 23 23-0815		Type 316, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 23-0685)*		
40 05 23 23-0816	EA	1/2", Type 316, Schedule 10 Stainless Steel Cap	71.31	26.01
		For Work In Restricted Working Space, Add	*17.34*	
40 05 23 23-0817	EA	3/4", Type 316, Schedule 10 Stainless Steel Cap	79.45	27.60
		For Work In Restricted Working Space, Add	*18.41*	
40 05 23 23-0818	EA	1", Type 316, Schedule 10 Stainless Steel Cap	87.07	30.34
		For Work In Restricted Working Space, Add	*20.23*	
40 05 23 23-0819	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Cap	95.25	33.08
		For Work In Restricted Working Space, Add	*22.05*	
40 05 23 23-0820	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Cap	102.64	36.52
		For Work In Restricted Working Space, Add	*24.35*	
40 05 23 23-0821	EA	2", Type 316, Schedule 10 Stainless Steel Cap	107.17	40.63
		For Work In Restricted Working Space, Add	*27.09*	
40 05 23 23-0822	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Cap	133.41	52.01
		For Work In Restricted Working Space, Add	*34.67*	
40 05 23 23-0823	EA	3", Type 316, Schedule 10 Stainless Steel Cap	158.15	60.95
		For Work In Restricted Working Space, Add	*40.63*	
40 05 23 23-0824	EA	4", Type 316, Schedule 10 Stainless Steel Cap	189.42	72.95
		For Work In Restricted Working Space, Add	*48.63*	
40 05 23 23-0825	EA	6", Type 316, Schedule 10 Stainless Steel Cap	248.24	91.27
		For Work In Restricted Working Space, Add	*60.85*	
40 05 23 23-0826	EA	8", Type 316, Schedule 10 Stainless Steel Cap	430.66	157.12
		For Work In Restricted Working Space, Add	*104.74*	
40 05 23 23-0827	EA	10", Type 316, Schedule 10 Stainless Steel Cap	571.07	209.49
		For Work In Restricted Working Space, Add	*139.66*	
40 05 23 23-0828	EA	12", Type 316, Schedule 10 Stainless Steel Cap	839.74	314.22
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0829	EA	14", Type 316, Schedule 10 Stainless Steel Cap	976.41	366.61
		For Work In Restricted Working Space, Add	*244.40*	
40 05 23 23-0830	EA	16", Type 316, Schedule 10 Stainless Steel Cap	1,123.49	418.17
		For Work In Restricted Working Space, Add	*278.79*	
40 05 23 23-0831	EA	18", Type 316, Schedule 10 Stainless Steel Cap	1,416.79	523.71
		For Work In Restricted Working Space, Add	*349.15*	
40 05 23 23-0832	EA	20", Type 316, Schedule 10 Stainless Steel Cap	1,961.13	733.20
		For Work In Restricted Working Space, Add	*488.80*	
40 05 23 23-0833	EA	24", Type 316, Schedule 10 Stainless Steel Cap	2,978.09	1,047.42
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0834		Type 316, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*		
40 05 23 23-0835		Type 316, Schedule 40 Stainless Steel Pipe *(40 05 23 23-0834)*		
40 05 23 23-0836	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	28.68	4.56
		For Work In Restricted Working Space, Add	*2.74*	
40 05 23 23-0837	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	34.77	5.58
		For Work In Restricted Working Space, Add	*3.35*	
40 05 23 23-0838	LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	43.08	6.59
		For Work In Restricted Working Space, Add	*3.93*	
40 05 23 23-0839	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	53.83	8.12
		For Work In Restricted Working Space, Add	*4.91*	
40 05 23 23-0840	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	62.35	9.13
		For Work In Restricted Working Space, Add	*5.53*	
40 05 23 23-0841	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	80.51	11.67
		For Work In Restricted Working Space, Add	*6.85*	
40 05 23 23-0842	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	101.72	13.18
		For Work In Restricted Working Space, Add	*7.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0843	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	95.95	14.71
		For Work In Restricted Working Space, Add	*8.82*	
40 05 23 23-0844	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	169.40	17.24
		For Work In Restricted Working Space, Add	*10.43*	
40 05 23 23-0845	LF	6" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	270.58	22.82
		For Work In Restricted Working Space, Add	*13.70*	
40 05 23 23-0846	LF	8" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	474.42	41.28
		For Work In Restricted Working Space, Add	*26.66*	
40 05 23 23-0847	LF	10" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	611.83	45.62
		For Work In Restricted Working Space, Add	*29.33*	
40 05 23 23-0848	LF	12" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	772.62	50.51
		For Work In Restricted Working Space, Add	*32.59*	

40 05 23 23-0849 Type 316, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0834)*

40 05 23 23-0850	EA	1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	123.88	52.03
		For Work In Restricted Working Space, Add	*34.68*	
40 05 23 23-0851	EA	3/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	130.99	55.22
		For Work In Restricted Working Space, Add	*36.81*	
40 05 23 23-0852	EA	1", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	144.37	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-0853	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	157.25	66.14
		For Work In Restricted Working Space, Add	*44.09*	
40 05 23 23-0854	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	173.37	73.04
		For Work In Restricted Working Space, Add	*48.70*	
40 05 23 23-0855	EA	2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	195.91	81.27
		For Work In Restricted Working Space, Add	*54.17*	
40 05 23 23-0856	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	262.72	104.01
		For Work In Restricted Working Space, Add	*69.34*	
40 05 23 23-0857	EA	3", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	311.99	121.89
		For Work In Restricted Working Space, Add	*81.26*	
40 05 23 23-0858	EA	4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	399.69	145.89
		For Work In Restricted Working Space, Add	*97.26*	
40 05 23 23-0859	EA	6", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	635.75	182.25
		For Work In Restricted Working Space, Add	*121.50*	
40 05 23 23-0860	EA	8", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	1,132.06	314.23
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0861	EA	10", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	1,878.47	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0862	EA	12", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	2,668.43	628.46
		For Work In Restricted Working Space, Add	*418.97*	
40 05 23 23-0863	EA	14", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	2,975.04	733.20
		For Work In Restricted Working Space, Add	*488.80*	
40 05 23 23-0864	EA	16", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	3,626.30	836.35
		For Work In Restricted Working Space, Add	*557.57*	
40 05 23 23-0865	EA	18", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	4,635.87	1,047.43
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0866	EA	20", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	6,245.87	1,466.41
		For Work In Restricted Working Space, Add	*977.60*	
40 05 23 23-0867	EA	24", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	9,074.66	2,094.87
		For Work In Restricted Working Space, Add	*1,396.58*	

40 05 23 23-0868 Type 316, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0834)*

40 05 23 23-0869	EA	1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	126.95	52.03
		For Work In Restricted Working Space, Add	*34.68*	
40 05 23 23-0870	EA	3/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	134.06	55.22
		For Work In Restricted Working Space, Add	*36.81*	
40 05 23 23-0871	EA	1", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	146.21	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-0872	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	158.14	66.14
		For Work In Restricted Working Space, Add	*44.09*	
40 05 23 23-0873	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	175.21	73.04
		For Work In Restricted Working Space, Add	*48.70*	
40 05 23 23-0874	EA	2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	195.91	81.27
		For Work In Restricted Working Space, Add	*54.17*	
40 05 23 23-0875	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	262.72	104.01
		For Work In Restricted Working Space, Add	*69.34*	
40 05 23 23-0876	EA	3", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	300.02	121.89
		For Work In Restricted Working Space, Add	*81.26*	
40 05 23 23-0877	EA	4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	376.99	145.89
		For Work In Restricted Working Space, Add	*97.26*	
40 05 23 23-0878	EA	6", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	542.47	182.25
		For Work In Restricted Working Space, Add	*121.50*	
40 05 23 23-0879	EA	8", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	967.71	314.23
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0880	EA	10", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,499.72	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0881	EA	12", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,161.40	628.46
		For Work In Restricted Working Space, Add	*418.97*	
40 05 23 23-0882	EA	14", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,450.27	733.20
		For Work In Restricted Working Space, Add	*488.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0883	EA	16", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,765.37	836.35
		For Work In Restricted Working Space, Add	*557.57*	
40 05 23 23-0884	EA	18", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	3,564.07	1,047.43
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0885	EA	20", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	4,832.05	1,466.41
		For Work In Restricted Working Space, Add	*977.60*	
40 05 23 23-0886	EA	24", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	7,186.56	2,094.87
		For Work In Restricted Working Space, Add	*1,396.58*	

40 05 23 23-0887 Type 316, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 23-0834)*

40 05 23 23-0888	EA	1/2", Type 316, Schedule 40 Stainless Steel Tee	169.65	66.12
		For Work In Restricted Working Space, Add	*44.08*	
40 05 23 23-0889	EA	3/4", Type 316, Schedule 40 Stainless Steel Tee	203.09	81.17
		For Work In Restricted Working Space, Add	*54.11*	
40 05 23 23-0890	EA	1", Type 316, Schedule 40 Stainless Steel Tee	225.38	91.20
		For Work In Restricted Working Space, Add	*60.80*	
40 05 23 23-0891	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Tee	259.91	104.01
		For Work In Restricted Working Space, Add	*69.34*	
40 05 23 23-0892	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Tee	270.79	111.64
		For Work In Restricted Working Space, Add	*74.42*	
40 05 23 23-0893	EA	2", Type 316, Schedule 40 Stainless Steel Tee	295.13	121.76
		For Work In Restricted Working Space, Add	*81.17*	
40 05 23 23-0894	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Tee	369.51	145.89
		For Work In Restricted Working Space, Add	*97.26*	
40 05 23 23-0895	EA	3", Type 316, Schedule 40 Stainless Steel Tee	455.40	182.84
		For Work In Restricted Working Space, Add	*121.89*	
40 05 23 23-0896	EA	4", Type 316, Schedule 40 Stainless Steel Tee	529.64	205.21
		For Work In Restricted Working Space, Add	*136.80*	
40 05 23 23-0897	EA	6", Type 316, Schedule 40 Stainless Steel Tee	851.94	273.60
		For Work In Restricted Working Space, Add	*182.40*	
40 05 23 23-0898	EA	8", Type 316, Schedule 40 Stainless Steel Tee	1,532.18	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0899	EA	10", Type 316, Schedule 40 Stainless Steel Tee	2,599.17	628.46
		For Work In Restricted Working Space, Add	*418.97*	
40 05 23 23-0900	EA	12", Type 316, Schedule 40 Stainless Steel Tee	3,192.88	785.57
		For Work In Restricted Working Space, Add	*523.72*	
40 05 23 23-0901	EA	14", Type 316, Schedule 40 Stainless Steel Tee	4,622.16	944.04
		For Work In Restricted Working Space, Add	*629.36*	
40 05 23 23-0902	EA	16", Type 316, Schedule 40 Stainless Steel Tee	5,732.03	1,151.63
		For Work In Restricted Working Space, Add	*767.75*	
40 05 23 23-0903	EA	18", Type 316, Schedule 40 Stainless Steel Tee	7,431.07	1,466.41
		For Work In Restricted Working Space, Add	*977.60*	
40 05 23 23-0904	EA	20", Type 316, Schedule 40 Stainless Steel Tee	9,647.91	1,929.49
		For Work In Restricted Working Space, Add	*1,286.32*	
40 05 23 23-0905	EA	24", Type 316, Schedule 40 Stainless Steel Tee	13,776.69	2,932.81
		For Work In Restricted Working Space, Add	*1,955.21*	

40 05 23 23-0906 Type 316, Schedule 40 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0834)*

40 05 23 23-0907	EA	3/4", Type 316, Schedule 40 Stainless Steel Reducing Tee	168.17	55.24
		For Work In Restricted Working Space, Add	*36.83*	
40 05 23 23-0908	EA	1", Type 316, Schedule 40 Stainless Steel Reducing Tee	195.84	67.70
		For Work In Restricted Working Space, Add	*45.13*	
40 05 23 23-0909	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Reducing Tee	262.31	76.06
		For Work In Restricted Working Space, Add	*50.71*	
40 05 23 23-0910	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee	249.46	86.71
		For Work In Restricted Working Space, Add	*57.81*	
40 05 23 23-0911	EA	2", Type 316, Schedule 40 Stainless Steel Reducing Tee	254.31	93.17
		For Work In Restricted Working Space, Add	*62.12*	
40 05 23 23-0912	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee	359.73	101.54
		For Work In Restricted Working Space, Add	*67.69*	
40 05 23 23-0913	EA	3", Type 316, Schedule 40 Stainless Steel Reducing Tee	351.49	121.71
		For Work In Restricted Working Space, Add	*81.14*	
40 05 23 23-0914	EA	4", Type 316, Schedule 40 Stainless Steel Reducing Tee	473.97	152.12
		For Work In Restricted Working Space, Add	*101.41*	
40 05 23 23-0915	EA	6", Type 316, Schedule 40 Stainless Steel Reducing Tee	677.76	173.81
		For Work In Restricted Working Space, Add	*115.88*	
40 05 23 23-0916	EA	8", Type 316, Schedule 40 Stainless Steel Reducing Tee	1,183.03	261.86
		For Work In Restricted Working Space, Add	*174.57*	
40 05 23 23-0917	EA	10", Type 316, Schedule 40 Stainless Steel Reducing Tee	2,549.14	349.14
		For Work In Restricted Working Space, Add	*232.76*	
40 05 23 23-0918	EA	12", Type 316, Schedule 40 Stainless Steel Reducing Tee	3,344.67	523.71
		For Work In Restricted Working Space, Add	*349.15*	
40 05 23 23-0919	EA	14", Type 316, Schedule 40 Stainless Steel Reducing Tee	3,791.10	629.19
		For Work In Restricted Working Space, Add	*419.46*	
40 05 23 23-0920	EA	16", Type 316, Schedule 40 Stainless Steel Reducing Tee	4,702.37	767.49
		For Work In Restricted Working Space, Add	*511.66*	
40 05 23 23-0921	EA	18", Type 316, Schedule 40 Stainless Steel Reducing Tee	6,080.50	977.61
		For Work In Restricted Working Space, Add	*651.74*	
40 05 23 23-0922	EA	20", Type 316, Schedule 40 Stainless Steel Reducing Tee	8,710.88	1,286.32
		For Work In Restricted Working Space, Add	*857.55*	
40 05 23 23-0923	EA	24", Type 316, Schedule 40 Stainless Steel Reducing Tee	13,662.06	1,953.47
		For Work In Restricted Working Space, Add	*1,302.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0924		Type 316, Schedule 40 Stainless Steel Butt Weld Reducers *(40 05 23 23-0834)*		
40 05 23 23-0925	EA	3/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	129.74	50.24
		For Work In Restricted Working Space, Add	*33.49*	
40 05 23 23-0926	EA	1", Type 316, Schedule 40 Stainless Steel Concentric Reducer	142.83	54.74
		For Work In Restricted Working Space, Add	*36.50*	
40 05 23 23-0927	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	156.28	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-0928	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	166.00	66.14
		For Work In Restricted Working Space, Add	*44.09*	
40 05 23 23-0929	EA	2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	177.66	73.04
		For Work In Restricted Working Space, Add	*48.70*	
40 05 23 23-0930	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	242.41	91.27
		For Work In Restricted Working Space, Add	*60.85*	
40 05 23 23-0931	EA	3", Type 316, Schedule 40 Stainless Steel Concentric Reducer	258.53	103.91
		For Work In Restricted Working Space, Add	*69.27*	
40 05 23 23-0932	EA	4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	298.20	121.76
		For Work In Restricted Working Space, Add	*81.17*	
40 05 23 23-0933	EA	6", Type 316, Schedule 40 Stainless Steel Concentric Reducer	414.44	155.01
		For Work In Restricted Working Space, Add	*103.34*	
40 05 23 23-0934	EA	8", Type 316, Schedule 40 Stainless Steel Concentric Reducer	723.34	251.39
		For Work In Restricted Working Space, Add	*167.59*	
40 05 23 23-0935	EA	10", Type 316, Schedule 40 Stainless Steel Concentric Reducer	977.00	314.23
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0936	EA	12", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,232.61	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0937	EA	14", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,803.50	549.90
		For Work In Restricted Working Space, Add	*366.60*	
40 05 23 23-0938	EA	16", Type 316, Schedule 40 Stainless Steel Concentric Reducer	2,080.59	626.67
		For Work In Restricted Working Space, Add	*417.78*	
40 05 23 23-0939	EA	18", Type 316, Schedule 40 Stainless Steel Concentric Reducer	2,795.82	785.57
		For Work In Restricted Working Space, Add	*523.72*	
40 05 23 23-0940	EA	20", Type 316, Schedule 40 Stainless Steel Concentric Reducer	3,797.50	1,047.43
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0941	EA	24", Type 316, Schedule 40 Stainless Steel Concentric Reducer	5,425.55	1,571.15
		For Work In Restricted Working Space, Add	*1,047.44*	
40 05 23 23-0942	EA	3/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	164.42	50.24
		For Work In Restricted Working Space, Add	*33.49*	
40 05 23 23-0943	EA	1", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	174.44	54.74
		For Work In Restricted Working Space, Add	*36.50*	
40 05 23 23-0944	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	203.59	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-0945	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	209.27	66.14
		For Work In Restricted Working Space, Add	*44.09*	
40 05 23 23-0946	EA	2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	223.69	73.04
		For Work In Restricted Working Space, Add	*48.70*	
40 05 23 23-0947	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	265.12	91.27
		For Work In Restricted Working Space, Add	*60.85*	
40 05 23 23-0948	EA	3", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	347.20	103.91
		For Work In Restricted Working Space, Add	*69.27*	
40 05 23 23-0949	EA	4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	374.29	121.76
		For Work In Restricted Working Space, Add	*81.17*	
40 05 23 23-0950	EA	6", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	539.32	155.01
		For Work In Restricted Working Space, Add	*103.34*	
40 05 23 23-0951	EA	8", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	816.79	251.39
		For Work In Restricted Working Space, Add	*167.59*	
40 05 23 23-0952	EA	10", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,182.44	314.23
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0953	EA	12", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,643.53	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-0954	EA	14", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	2,493.88	549.90
		For Work In Restricted Working Space, Add	*366.60*	
40 05 23 23-0955	EA	16", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	2,875.36	626.67
		For Work In Restricted Working Space, Add	*417.78*	
40 05 23 23-0956	EA	18", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	3,882.28	785.57
		For Work In Restricted Working Space, Add	*523.72*	
40 05 23 23-0957	EA	20", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	4,979.56	1,047.43
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-0958	EA	24", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	7,464.93	1,571.15
		For Work In Restricted Working Space, Add	*1,047.44*	
40 05 23 23-0959		Type 316, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 23-0834)*		
40 05 23 23-0960	EA	1/2", Type 316, Schedule 40 Stainless Steel Cap	71.92	26.01
		For Work In Restricted Working Space, Add	*17.34*	
40 05 23 23-0961	EA	3/4", Type 316, Schedule 40 Stainless Steel Cap	79.15	27.60
		For Work In Restricted Working Space, Add	*18.41*	
40 05 23 23-0962	EA	1", Type 316, Schedule 40 Stainless Steel Cap	87.68	30.34
		For Work In Restricted Working Space, Add	*20.23*	
40 05 23 23-0963	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Cap	100.94	33.08
		For Work In Restricted Working Space, Add	*22.05*	
40 05 23 23-0964	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Cap	98.04	36.52
		For Work In Restricted Working Space, Add	*24.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0965	EA	2", Type 316, Schedule 40 Stainless Steel Cap	111.46	40.63
		For Work In Restricted Working Space, Add	*27.09*	
40 05 23 23-0966	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Cap	138.99	52.01
		For Work In Restricted Working Space, Add	*34.67*	
40 05 23 23-0967	EA	3", Type 316, Schedule 40 Stainless Steel Cap	159.07	60.95
		For Work In Restricted Working Space, Add	*40.63*	
40 05 23 23-0968	EA	4", Type 316, Schedule 40 Stainless Steel Cap	196.17	72.95
		For Work In Restricted Working Space, Add	*48.63*	
40 05 23 23-0969	EA	6", Type 316, Schedule 40 Stainless Steel Cap	276.47	91.27
		For Work In Restricted Working Space, Add	*60.85*	
40 05 23 23-0970	EA	8", Type 316, Schedule 40 Stainless Steel Cap	483.69	157.12
		For Work In Restricted Working Space, Add	*104.74*	
40 05 23 23-0971	EA	10", Type 316, Schedule 40 Stainless Steel Cap	649.11	209.49
		For Work In Restricted Working Space, Add	*139.66*	
40 05 23 23-0972	EA	12", Type 316, Schedule 40 Stainless Steel Cap	967.37	314.22
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-0973	EA	14", Type 316, Schedule 40 Stainless Steel Cap	1,100.09	366.61
		For Work In Restricted Working Space, Add	*244.40*	
40 05 23 23-0974	EA	16", Type 316, Schedule 40 Stainless Steel Cap	1,234.27	418.17
		For Work In Restricted Working Space, Add	*278.79*	
40 05 23 23-0975	EA	18", Type 316, Schedule 40 Stainless Steel Cap	1,579.01	523.71
		For Work In Restricted Working Space, Add	*349.15*	
40 05 23 23-0976	EA	20", Type 316, Schedule 40 Stainless Steel Cap	2,165.34	733.20
		For Work In Restricted Working Space, Add	*488.80*	
40 05 23 23-0977	EA	24", Type 316, Schedule 40 Stainless Steel Cap	3,375.78	1,047.42
		For Work In Restricted Working Space, Add	*698.29*	

40 05 23 23-0978 Valves *(40 05 23 23-0231)*

40 05 23 23-0979 Gate Valves, Class 150 *(40 05 23 23-0978)*

40 05 23 23-0980	EA	1/2" Gate Valve, Stainless Steel, Flanged	517.32	52.08
		For Work In Restricted Working Space, Add	*19.53*	
		For Class 200, Deduct	*-120.97*	
		For Class 300, Add	*425.09*	
40 05 23 23-0981	EA	3/4" Gate Valve, Stainless Steel, Flanged	562.73	54.25
		For Work In Restricted Working Space, Add	*22.79*	
		For Class 200, Deduct	*-130.21*	
		For Class 300, Add	*457.57*	
40 05 23 23-0982	EA	1" Gate Valve, Stainless Steel, Flanged	694.63	81.38
		For Work In Restricted Working Space, Add	*30.71*	
		For Class 200, Deduct	*-158.43*	
		For Class 300, Add	*556.73*	
40 05 23 23-0983	EA	1-1/4" Gate Valve, Stainless Steel, Flanged	874.42	94.94
		For Work In Restricted Working Space, Add	*35.38*	
		For Class 200, Deduct	*-202.36*	
		For Class 300, Add	*711.09*	
40 05 23 23-0984	EA	1-1/2" Gate Valve, Stainless Steel, Flanged	987.96	119.51
		For Work In Restricted Working Space, Add	*44.81*	
		For Class 200, Deduct	*-224.32*	
		For Class 300, Add	*788.27*	
40 05 23 23-0985	EA	2" Gate Valve, Stainless Steel, Flanged	1,173.23	144.64
		For Work In Restricted Working Space, Add	*54.25*	
		For Class 200, Deduct	*-265.46*	
		For Class 300, Add	*932.85*	
40 05 23 23-0986	EA	2-1/2" Gate Valve, Stainless Steel, Flanged	1,677.84	157.33
		For Work In Restricted Working Space, Add	*59.18*	
		For Class 300, Add	*1,391.74*	
40 05 23 23-0987	EA	3" Gate Valve, Stainless Steel, Flanged	1,890.83	184.46
		For Work In Restricted Working Space, Add	*69.26*	
		For Class 300, Add	*1,560.38*	
40 05 23 23-0988	EA	4" Gate Valve, Stainless Steel, Flanged	2,511.02	309.23
		For Work In Restricted Working Space, Add	*116.25*	
		For Class 300, Add	*1,996.10*	
40 05 23 23-0989	EA	6" Gate Valve, Stainless Steel, Flanged	4,181.18	390.61
		For Work In Restricted Working Space, Add	*147.00*	
		For Class 300, Add	*3,469.70*	
40 05 23 23-0990	EA	8" Gate Valve, Stainless Steel, Flanged	9,066.86	499.11
		For Work In Restricted Working Space, Add	*186.00*	
		For Class 300, Add	*7,940.04*	
40 05 23 23-0991	EA	10" Gate Valve, Stainless Steel, Flanged	12,764.18	607.62
		For Work In Restricted Working Space, Add	*227.85*	
		For Class 300, Add	*11,284.39*	
40 05 23 23-0992	EA	12" Gate Valve, Stainless Steel, Flanged	19,190.28	737.81
		For Work In Restricted Working Space, Add	*276.19*	
		For Class 300, Add	*17,173.47*	

40 05 23 23-0993 Globe Valves, Class 150 *(40 05 23 23-0978)*

40 05 23 23-0994	EA	1/2" Globe Valve, Stainless Steel, Flanged	703.92	52.08
		For Work In Restricted Working Space, Add	*19.53*	
		For Class 200, Deduct	*-170.88*	
		For Class 300, Add	*600.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0995	EA	3/4" Globe Valve, Stainless Steel, Flanged	779.58	54.25
		For Work In Restricted Working Space, Add	*22.79*	
		For Class 200, Deduct	*-188.22*	
		For Class 300, Add	*661.41*	
40 05 23 23-0996	EA	1" Globe Valve, Stainless Steel, Flanged	972.63	81.38
		For Work In Restricted Working Space, Add	*30.71*	
		For Class 200, Deduct	*-232.80*	
		For Class 300, Add	*818.05*	
40 05 23 23-0997	EA	1-1/2" Globe Valve, Stainless Steel, Flanged	1,445.54	119.51
		For Work In Restricted Working Space, Add	*44.81*	
		For Class 200, Deduct	*-346.72*	
		For Class 300, Add	*1,218.39*	
40 05 23 23-0998	EA	2" Globe Valve, Stainless Steel, Flanged	1,764.01	144.64
		For Work In Restricted Working Space, Add	*54.25*	
		For Class 200, Deduct	*-423.50*	
		For Class 300, Add	*1,488.18*	
40 05 23 23-0999	EA	2-1/2" Globe Valve, Stainless Steel, Flanged	3,530.27	157.33
		For Work In Restricted Working Space, Add	*59.18*	
		For Class 300, Add	*3,133.02*	
40 05 23 23-1000	EA	3" Globe Valve, Stainless Steel, Flanged	3,656.43	184.46
		For Work In Restricted Working Space, Add	*69.26*	
		For Class 300, Add	*3,220.05*	
40 05 23 23-1001	EA	4" Globe Valve, Stainless Steel, Flanged	4,368.58	309.23
		For Work In Restricted Working Space, Add	*116.25*	
		For Class 300, Add	*3,742.21*	
40 05 23 23-1002	EA	6" Globe Valve, Stainless Steel, Flanged	8,035.53	390.61
		For Work In Restricted Working Space, Add	*147.00*	
		For Class 300, Add	*7,092.79*	
40 05 23 23-1003		Check Valves, Class 150 *(40 05 23 23-0978)*		
40 05 23 23-1004	EA	2-1/2" Check Valve, Stainless Steel, Flanged	1,606.79	157.33
		For Work In Restricted Working Space, Add	*59.18*	
		For Class 300, Add	*1,324.95*	
40 05 23 23-1005	EA	3" Check Valve, Stainless Steel, Flanged	1,684.32	184.46
		For Work In Restricted Working Space, Add	*69.26*	
		For Class 300, Add	*1,366.26*	
40 05 23 23-1006	EA	4" Check Valve, Stainless Steel, Flanged	2,649.54	309.23
		For Work In Restricted Working Space, Add	*116.25*	
		For Class 300, Add	*2,126.31*	
40 05 23 23-1007	EA	6" Check Valve, Stainless Steel, Flanged	4,532.79	390.61
		For Work In Restricted Working Space, Add	*147.00*	
		For Class 300, Add	*3,800.21*	
40 05 23 23-1008	EA	8" Check Valve, Stainless Steel, Flanged	7,935.52	499.11
		For Work In Restricted Working Space, Add	*186.00*	
		For Class 300, Add	*6,876.58*	
40 05 23 23-1009		Stainless Steel Thread-O-Let Fittings *(40 05 23 23-0231)*		
40 05 23 23-1010	EA	1/2", Stainless Steel Thread-o-let Fitting	84.82	31.49
		For Work In Restricted Working Space, Add	*21.00*	
40 05 23 23-1011	EA	3/4", Stainless Steel Thread-o-let Fitting	111.86	42.00
		For Work In Restricted Working Space, Add	*28.00*	
40 05 23 23-1012	EA	1", Stainless Steel Thread-o-let Fitting	137.79	52.08
		For Work In Restricted Working Space, Add	*34.72*	
40 05 23 23-1013	EA	1-1/4", Stainless Steel Thread-o-let Fitting	198.01	73.69
		For Work In Restricted Working Space, Add	*49.13*	
40 05 23 23-1014	EA	1-1/2", Stainless Steel Thread-o-let Fitting	218.91	83.11
		For Work In Restricted Working Space, Add	*55.40*	
40 05 23 23-1015	EA	2", Stainless Steel Thread-o-let Fitting	273.58	105.58
		For Work In Restricted Working Space, Add	*70.38*	
40 05 23 23-1016	EA	2-1/2", Stainless Steel Thread-o-let Fitting	492.42	162.76
		For Work In Restricted Working Space, Add	*108.50*	
40 05 23 23-1017	EA	3", Stainless Steel Thread-o-let Fitting	661.03	207.77
		For Work In Restricted Working Space, Add	*138.51*	
40 05 23 23-1018	EA	4", Stainless Steel Thread-o-let Fitting	873.51	260.40
		For Work In Restricted Working Space, Add	*173.60*	
40 05 23 23-1019		Stainless Steel Flanges *(40 05 23 23-0231)*		
40 05 23 23-1020		150#, Type 304 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)*		
40 05 23 23-1021	EA	1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	94.70	17.51
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-1022	EA	3/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	113.01	23.34
		For Work In Restricted Working Space, Add	*14.00*	
40 05 23 23-1023	EA	1", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	132.18	28.93
		For Work In Restricted Working Space, Add	*17.36*	
40 05 23 23-1024	EA	1-1/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	176.09	40.95
		For Work In Restricted Working Space, Add	*24.56*	
40 05 23 23-1025	EA	1-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	186.55	46.17
		For Work In Restricted Working Space, Add	*27.70*	
40 05 23 23-1026	EA	2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	240.73	58.64
		For Work In Restricted Working Space, Add	*35.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1027	EA	2-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	353.32	90.38
		For Work In Restricted Working Space, Add	*54.25*	
40 05 23 23-1028	EA	3", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	411.30	184.46
		For Work In Restricted Working Space, Add	*69.26*	
40 05 23 23-1029	EA	4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	536.13	144.64
		For Work In Restricted Working Space, Add	*86.80*	
40 05 23 23-1030		**300#, Type 304 Stainless Steel Raised Face Threaded Flange** *(40 05 23 23-1019)*		
40 05 23 23-1031	EA	1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	129.21	17.51
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-1032	EA	3/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	140.88	23.34
		For Work In Restricted Working Space, Add	*14.00*	
40 05 23 23-1033	EA	1", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	152.08	28.93
		For Work In Restricted Working Space, Add	*17.36*	
40 05 23 23-1034	EA	1-1/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	226.55	40.95
		For Work In Restricted Working Space, Add	*24.56*	
40 05 23 23-1035	EA	1-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	237.01	46.17
		For Work In Restricted Working Space, Add	*27.70*	
40 05 23 23-1036	EA	2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	292.46	58.64
		For Work In Restricted Working Space, Add	*35.19*	
40 05 23 23-1037	EA	2-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	468.78	90.38
		For Work In Restricted Working Space, Add	*54.25*	
40 05 23 23-1038	EA	3", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	529.37	184.46
		For Work In Restricted Working Space, Add	*69.26*	
40 05 23 23-1039	EA	4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	717.93	144.64
		For Work In Restricted Working Space, Add	*86.80*	
40 05 23 23-1040		**150#, Type 304 Stainless Steel Raised Face Weld Neck Flange** *(40 05 23 23-1019)*		
40 05 23 23-1041	EA	1/2", 150#, Type 304 Stainless Steel Weld Neck Flange	117.51	26.00
		For Work In Restricted Working Space, Add	*17.34*	
40 05 23 23-1042	EA	3/4", 150#, Type 304 Stainless Steel Weld Neck Flange	127.69	27.60
		For Work In Restricted Working Space, Add	*18.41*	
40 05 23 23-1043	EA	1", 150#, Type 304 Stainless Steel Weld Neck Flange	144.37	30.34
		For Work In Restricted Working Space, Add	*20.23*	
40 05 23 23-1044	EA	1-1/4", 150#, Type 304 Stainless Steel Weld Neck Flange	183.72	33.10
		For Work In Restricted Working Space, Add	*22.07*	
40 05 23 23-1045	EA	1-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange	191.23	36.48
		For Work In Restricted Working Space, Add	*24.32*	
40 05 23 23-1046	EA	2", 150#, Type 304 Stainless Steel Weld Neck Flange	212.40	40.64
		For Work In Restricted Working Space, Add	*27.09*	
40 05 23 23-1047	EA	2-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange	299.96	51.97
		For Work In Restricted Working Space, Add	*34.64*	
40 05 23 23-1048	EA	3", 150#, Type 304 Stainless Steel Weld Neck Flange	336.91	60.84
		For Work In Restricted Working Space, Add	*40.56*	
40 05 23 23-1049	EA	4", 150#, Type 304 Stainless Steel Weld Neck Flange	443.30	72.89
		For Work In Restricted Working Space, Add	*48.60*	
40 05 23 23-1050	EA	6", 150#, Type 304 Stainless Steel Weld Neck Flange	688.02	91.08
		For Work In Restricted Working Space, Add	*60.72*	
40 05 23 23-1051	EA	8", 150#, Type 304 Stainless Steel Weld Neck Flange	1,171.74	157.12
		For Work In Restricted Working Space, Add	*104.74*	
40 05 23 23-1052	EA	10", 150#, Type 304 Stainless Steel Weld Neck Flange	1,679.52	209.48
		For Work In Restricted Working Space, Add	*139.66*	
40 05 23 23-1053	EA	12", 150#, Type 304 Stainless Steel Weld Neck Flange	2,592.89	314.22
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-1054	EA	14", 150#, Type 304 Stainless Steel Weld Neck Flange	3,276.72	366.61
		For Work In Restricted Working Space, Add	*244.40*	
40 05 23 23-1055	EA	16", 150#, Type 304 Stainless Steel Weld Neck Flange	4,142.09	418.17
		For Work In Restricted Working Space, Add	*278.79*	
40 05 23 23-1056	EA	18", 150#, Type 304 Stainless Steel Weld Neck Flange	5,066.70	523.71
		For Work In Restricted Working Space, Add	*349.15*	
40 05 23 23-1057	EA	20", 150#, Type 304 Stainless Steel Weld Neck Flange	6,491.74	733.20
		For Work In Restricted Working Space, Add	*488.80*	
40 05 23 23-1058	EA	24", 150#, Type 304 Stainless Steel Weld Neck Flange	9,218.08	1,047.42
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-1059		**300#, Type 304 Stainless Steel Raised Face Weld Neck Flange** *(40 05 23 23-1019)*		
40 05 23 23-1060	EA	1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	158.66	26.00
		For Work In Restricted Working Space, Add	*17.34*	
40 05 23 23-1061	EA	3/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	162.20	27.60
		For Work In Restricted Working Space, Add	*18.41*	
40 05 23 23-1062	EA	1" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	168.29	30.34
		For Work In Restricted Working Space, Add	*20.23*	
40 05 23 23-1063	EA	1-1/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	230.09	33.10
		For Work In Restricted Working Space, Add	*22.07*	
40 05 23 23-1064	EA	1-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	237.60	36.48
		For Work In Restricted Working Space, Add	*24.32*	
40 05 23 23-1065	EA	2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	252.20	40.64
		For Work In Restricted Working Space, Add	*27.09*	
40 05 23 23-1066	EA	2-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	368.91	51.97
		For Work In Restricted Working Space, Add	*34.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1067	EA	3" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	413.83	60.84
		For Work In Restricted Working Space, Add	*40.56*	
40 05 23 23-1068	EA	4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	623.69	72.89
		For Work In Restricted Working Space, Add	*49.60*	
40 05 23 23-1069	EA	6" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	892.33	91.08
		For Work In Restricted Working Space, Add	*60.72*	
40 05 23 23-1070	EA	8" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	1,681.21	157.12
		For Work In Restricted Working Space, Add	*104.74*	
40 05 23 23-1071	EA	10" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	2,352.22	209.48
		For Work In Restricted Working Space, Add	*139.66*	
40 05 23 23-1072	EA	12" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	3,447.39	314.22
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-1073	EA	14" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	4,627.50	366.61
		For Work In Restricted Working Space, Add	*244.40*	
40 05 23 23-1074	EA	16" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	5,757.46	418.17
		For Work In Restricted Working Space, Add	*278.79*	
40 05 23 23-1075	EA	18" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	7,366.94	523.71
		For Work In Restricted Working Space, Add	*349.15*	
40 05 23 23-1076	EA	20" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	9,434.80	733.20
		For Work In Restricted Working Space, Add	*488.80*	
40 05 23 23-1077	EA	24" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	13,763.47	1,047.42
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-1078		150#, Type 304 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*		
40 05 23 23-1079	EA	1/2", 150#, Type 304 Stainless Steel Slip-On Flange	168.67	52.02
		For Work In Restricted Working Space, Add	*34.68*	
40 05 23 23-1080	EA	3/4", 150#, Type 304 Stainless Steel Slip-On Flange	177.12	55.21
		For Work In Restricted Working Space, Add	*36.81*	
40 05 23 23-1081	EA	1", 150#, Type 304 Stainless Steel Slip-On Flange	194.57	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-1082	EA	1-1/4", 150#, Type 304 Stainless Steel Slip-On Flange	228.05	66.19
		For Work In Restricted Working Space, Add	*44.13*	
40 05 23 23-1083	EA	1-1/2", 150#, Type 304 Stainless Steel Slip-On Flange	243.09	72.96
		For Work In Restricted Working Space, Add	*48.64*	
40 05 23 23-1084	EA	2", 150#, Type 304 Stainless Steel Slip-On Flange	285.49	81.28
		For Work In Restricted Working Space, Add	*54.19*	
40 05 23 23-1085	EA	2-1/2", 150#, Type 304 Stainless Steel Slip-On Flange	378.27	103.93
		For Work In Restricted Working Space, Add	*69.29*	
40 05 23 23-1086	EA	3", 150#, Type 304 Stainless Steel Slip-On Flange	428.36	121.68
		For Work In Restricted Working Space, Add	*81.13*	
40 05 23 23-1087	EA	4", 150#, Type 304 Stainless Steel Slip-On Flange	538.97	145.80
		For Work In Restricted Working Space, Add	*97.20*	
40 05 23 23-1088	EA	6", 150#, Type 304 Stainless Steel Slip-On Flange	732.56	182.16
		For Work In Restricted Working Space, Add	*121.45*	
40 05 23 23-1089	EA	8", 150#, Type 304 Stainless Steel Slip-On Flange	1,317.92	314.22
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-1090	EA	10" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,892.96	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-1091	EA	12" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange	2,817.56	628.44
		For Work In Restricted Working Space, Add	*418.97*	
40 05 23 23-1092		300#, Type 304 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*		
40 05 23 23-1093	EA	1/2" 300#, Type 304 Stainless Steel Raised Neck Slip-On Flange	195.21	52.02
		For Work In Restricted Working Space, Add	*34.68*	
40 05 23 23-1094	EA	3/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	202.32	55.21
		For Work In Restricted Working Space, Add	*36.81*	
40 05 23 23-1095	EA	1" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	214.48	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-1096	EA	1-1/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	269.19	66.19
		For Work In Restricted Working Space, Add	*44.13*	
40 05 23 23-1097	EA	1-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	284.23	72.96
		For Work In Restricted Working Space, Add	*48.64*	
40 05 23 23-1098	EA	2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	313.30	81.28
		For Work In Restricted Working Space, Add	*54.19*	
40 05 23 23-1099	EA	2-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	481.79	103.93
		For Work In Restricted Working Space, Add	*69.29*	
40 05 23 23-1100	EA	3" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	531.82	121.68
		For Work In Restricted Working Space, Add	*81.13*	
40 05 23 23-1101	EA	4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	682.24	145.80
		For Work In Restricted Working Space, Add	*97.20*	
40 05 23 23-1102	EA	6" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,137.23	182.16
		For Work In Restricted Working Space, Add	*121.45*	
40 05 23 23-1103	EA	8" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,726.54	314.22
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-1104	EA	10" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	2,551.05	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-1105	EA	12" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	3,664.08	628.44
		For Work In Restricted Working Space, Add	*418.97*	
40 05 23 23-1106		150#, Type 304 Stainless Steel Blind Flanges *(40 05 23 23-1019)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1107	EA	1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	79.74	10.40
		For Work In Restricted Working Space, Add	*6.94*	
40 05 23 23-1108	EA	3/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	82.90	11.03
		For Work In Restricted Working Space, Add	*7.36*	
40 05 23 23-1109	EA	1", 150#, Type 304 Stainless Steel Raised Face Blind Flange	89.37	12.13
		For Work In Restricted Working Space, Add	*8.09*	
40 05 23 23-1110	EA	1-1/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	118.94	13.51
		For Work In Restricted Working Space, Add	*9.01*	
40 05 23 23-1111	EA	1-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	129.49	18.26
		For Work In Restricted Working Space, Add	*12.17*	
40 05 23 23-1112	EA	2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	155.19	20.26
		For Work In Restricted Working Space, Add	*13.51*	
40 05 23 23-1113	EA	2-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	214.44	26.06
		For Work In Restricted Working Space, Add	*17.37*	
40 05 23 23-1114	EA	3", 150#, Type 304 Stainless Steel Raised Face Blind Flange	253.61	36.51
		For Work In Restricted Working Space, Add	*24.34*	
40 05 23 23-1115	EA	4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	376.69	60.83
		For Work In Restricted Working Space, Add	*40.56*	
40 05 23 23-1116	EA	6", 150#, Type 304 Stainless Steel Raised Face Blind Flange	526.75	78.22
		For Work In Restricted Working Space, Add	*52.15*	
40 05 23 23-1117	EA	8", 150#, Type 304 Stainless Steel Raised Face Blind Flange	863.40	97.76
		For Work In Restricted Working Space, Add	*65.17*	
40 05 23 23-1118	EA	10", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,383.16	117.31
		For Work In Restricted Working Space, Add	*78.21*	
40 05 23 23-1119	EA	12", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,845.02	146.64
		For Work In Restricted Working Space, Add	*97.76*	
40 05 23 23-1120	EA	14", 150#, Type 304 Stainless Steel Raised Face Blind Flange	2,350.69	183.30
		For Work In Restricted Working Space, Add	*122.20*	
40 05 23 23-1121	EA	16", 150#, Type 304 Stainless Steel Raised Face Blind Flange	3,079.08	209.09
		For Work In Restricted Working Space, Add	*139.39*	
40 05 23 23-1122	EA	18", 150#, Type 304 Stainless Steel Raised Face Blind Flange	3,615.78	261.86
		For Work In Restricted Working Space, Add	*174.57*	
40 05 23 23-1123	EA	20", 150#, Type 304 Stainless Steel Raised Face Blind Flange	4,771.28	366.61
		For Work In Restricted Working Space, Add	*244.40*	
40 05 23 23-1124	EA	24", 150#, Type 304 Stainless Steel Raised Face Blind Flange	6,965.92	523.71
		For Work In Restricted Working Space, Add	*349.15*	
40 05 23 23-1125		**300#, Type 304 Stainless Steel Blind Flanges** *(40 05 23 23-1019)*		
40 05 23 23-1126	EA	1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	106.75	10.40
		For Work In Restricted Working Space, Add	*6.94*	
40 05 23 23-1127	EA	3/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	108.17	11.03
		For Work In Restricted Working Space, Add	*7.36*	
40 05 23 23-1128	EA	1", 300#, Type 304 Stainless Steel Raised Face Blind Flange	110.61	12.13
		For Work In Restricted Working Space, Add	*8.09*	
40 05 23 23-1129	EA	1-1/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	144.14	13.51
		For Work In Restricted Working Space, Add	*9.01*	
40 05 23 23-1130	EA	1-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	154.69	18.26
		For Work In Restricted Working Space, Add	*12.17*	
40 05 23 23-1131	EA	2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	168.46	20.26
		For Work In Restricted Working Space, Add	*13.51*	
40 05 23 23-1132	EA	2-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	307.32	26.06
		For Work In Restricted Working Space, Add	*17.37*	
40 05 23 23-1133	EA	3", 300#, Type 304 Stainless Steel Raised Face Blind Flange	340.52	36.51
		For Work In Restricted Working Space, Add	*24.34*	
40 05 23 23-1134	EA	4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	485.44	60.83
		For Work In Restricted Working Space, Add	*40.56*	
40 05 23 23-1135	EA	6", 300#, Type 304 Stainless Steel Raised Face Blind Flange	975.18	78.22
		For Work In Restricted Working Space, Add	*52.15*	
40 05 23 23-1136	EA	8", 300#, Type 304 Stainless Steel Raised Face Blind Flange	1,399.41	97.76
		For Work In Restricted Working Space, Add	*65.17*	
40 05 23 23-1137	EA	10", 300#, Type 304 Stainless Steel Raised Face Blind Flange	2,035.89	117.31
		For Work In Restricted Working Space, Add	*78.21*	
40 05 23 23-1138	EA	12", 300#, Type 304 Stainless Steel Raised Face Blind Flange	2,846.74	146.64
		For Work In Restricted Working Space, Add	*97.76*	
40 05 23 23-1139	EA	14", 300#, Type 304 Stainless Steel Raised Face Blind Flange	4,021.44	183.30
		For Work In Restricted Working Space, Add	*122.20*	
40 05 23 23-1140	EA	16", 300#, Type 304 Stainless Steel Raised Face Blind Flange	5,188.47	209.09
		For Work In Restricted Working Space, Add	*139.39*	
40 05 23 23-1141	EA	18", 300#, Type 304 Stainless Steel Raised Face Blind Flange	6,790.37	261.86
		For Work In Restricted Working Space, Add	*174.57*	
40 05 23 23-1142	EA	20", 300#, Type 304 Stainless Steel Raised Face Blind Flange	8,537.75	366.61
		For Work In Restricted Working Space, Add	*244.40*	
40 05 23 23-1143	EA	24", 300#, Type 304 Stainless Steel Raised Face Blind Flange	13,160.84	523.71
		For Work In Restricted Working Space, Add	*349.15*	
40 05 23 23-1144		**150#, Type 316 Stainless Steel Raised Face Threaded Flange** *(40 05 23 23-1019)*		
40 05 23 23-1145	EA	1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	118.63	17.51
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-1146	EA	3/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	143.56	23.34
		For Work In Restricted Working Space, Add	*14.00*	
40 05 23 23-1147	EA	1", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	161.33	28.93
		For Work In Restricted Working Space, Add	*17.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1148	EA	1-1/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	219.85	40.95
		For Work In Restricted Working Space, Add	*24.56*	
40 05 23 23-1149	EA	1-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	230.31	46.17
		For Work In Restricted Working Space, Add	*27.70*	
40 05 23 23-1150	EA	2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	288.51	58.64
		For Work In Restricted Working Space, Add	*35.19*	
40 05 23 23-1151	EA	2-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	422.34	90.38
		For Work In Restricted Working Space, Add	*54.25*	
40 05 23 23-1152	EA	3", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	500.23	184.46
		For Work In Restricted Working Space, Add	*69.26*	
40 05 23 23-1153	EA	4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	660.84	144.64
		For Work In Restricted Working Space, Add	*86.80*	
40 05 23 23-1154		300#, Type 316 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)*		
40 05 23 23-1155	EA	1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	163.72	17.51
		For Work In Restricted Working Space, Add	*10.50*	
40 05 23 23-1156	EA	3/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	175.39	23.34
		For Work In Restricted Working Space, Add	*14.00*	
40 05 23 23-1157	EA	1", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	186.59	28.93
		For Work In Restricted Working Space, Add	*17.36*	
40 05 23 23-1158	EA	1-1/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	292.89	40.95
		For Work In Restricted Working Space, Add	*24.56*	
40 05 23 23-1159	EA	1-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	303.35	46.17
		For Work In Restricted Working Space, Add	*27.70*	
40 05 23 23-1160	EA	2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	350.83	58.64
		For Work In Restricted Working Space, Add	*35.19*	
40 05 23 23-1161	EA	2-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	600.11	90.38
		For Work In Restricted Working Space, Add	*54.25*	
40 05 23 23-1162	EA	3", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	663.39	184.46
		For Work In Restricted Working Space, Add	*69.26*	
40 05 23 23-1163	EA	4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	931.48	144.64
		For Work In Restricted Working Space, Add	*86.80*	
40 05 23 23-1164		150#, Type 316 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*		
40 05 23 23-1165	EA	1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	148.00	26.00
		For Work In Restricted Working Space, Add	*17.34*	
40 05 23 23-1166	EA	3/4", 150#, Type 316 Stainless Steel Weld Neck Flange	158.24	27.60
		For Work In Restricted Working Space, Add	*18.41*	
40 05 23 23-1167	EA	1", 150#, Type 316 Stainless Steel Weld Neck Flange	178.88	30.34
		For Work In Restricted Working Space, Add	*20.23*	
40 05 23 23-1168	EA	1-1/4", 150#, Type 316 Stainless Steel Weld Neck Flange	228.82	33.10
		For Work In Restricted Working Space, Add	*22.07*	
40 05 23 23-1169	EA	1-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	236.33	36.48
		For Work In Restricted Working Space, Add	*24.32*	
40 05 23 23-1170	EA	2", 150#, Type 316 Stainless Steel Weld Neck Flange	258.84	40.64
		For Work In Restricted Working Space, Add	*27.09*	
40 05 23 23-1171	EA	2-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	378.15	51.97
		For Work In Restricted Working Space, Add	*34.64*	
40 05 23 23-1172	EA	3", 150#, Type 316 Stainless Steel Weld Neck Flange	407.20	60.84
		For Work In Restricted Working Space, Add	*40.56*	
40 05 23 23-1173	EA	4", 150#, Type 316 Stainless Steel Weld Neck Flange	562.71	72.89
		For Work In Restricted Working Space, Add	*48.60*	
40 05 23 23-1174	EA	6", 150#, Type 316 Stainless Steel Weld Neck Flange	895.01	91.08
		For Work In Restricted Working Space, Add	*60.72*	
40 05 23 23-1175	EA	8", 150#, Type 316 Stainless Steel Weld Neck Flange	1,491.50	157.12
		For Work In Restricted Working Space, Add	*104.74*	
40 05 23 23-1176	EA	10", 150#, Type 316 Stainless Steel Weld Neck Flange	2,212.91	209.48
		For Work In Restricted Working Space, Add	*139.66*	
40 05 23 23-1177	EA	12", 150#, Type 316 Stainless Steel Weld Neck Flange	3,297.49	314.22
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-1178	EA	14", 150#, Type 316 Stainless Steel Weld Neck Flange	3,860.27	366.61
		For Work In Restricted Working Space, Add	*244.40*	
40 05 23 23-1179	EA	16", 150#, Type 316 Stainless Steel Weld Neck Flange	4,903.58	418.17
		For Work In Restricted Working Space, Add	*278.79*	
40 05 23 23-1180	EA	18", 150#, Type 316 Stainless Steel Weld Neck Flange	5,991.74	523.71
		For Work In Restricted Working Space, Add	*349.15*	
40 05 23 23-1181	EA	20", 150#, Type 316 Stainless Steel Weld Neck Flange	7,644.21	733.20
		For Work In Restricted Working Space, Add	*488.80*	
40 05 23 23-1182	EA	24", 150#, Type 316 Stainless Steel Weld Neck Flange	10,851.24	1,047.42
		For Work In Restricted Working Space, Add	*698.29*	
40 05 23 23-1183		300#, Type 316 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*		
40 05 23 23-1184	EA	1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	198.46	26.00
		For Work In Restricted Working Space, Add	*17.34*	
40 05 23 23-1185	EA	3/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	202.00	27.60
		For Work In Restricted Working Space, Add	*18.41*	
40 05 23 23-1186	EA	1" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	208.09	30.34
		For Work In Restricted Working Space, Add	*20.23*	
40 05 23 23-1187	EA	1-1/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	284.57	33.10
		For Work In Restricted Working Space, Add	*22.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1188	EA	1-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	292.08	36.48
		For Work In Restricted Working Space, Add	*24.32*	
40 05 23 23-1189	EA	2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	318.54	40.64
		For Work In Restricted Working Space, Add	*27.09*	
40 05 23 23-1190	EA	2-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	483.02	51.97
		For Work In Restricted Working Space, Add	*34.64*	
40 05 23 23-1191	EA	3" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	521.31	60.84
		For Work In Restricted Working Space, Add	*40.56*	
40 05 23 23-1192	EA	4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	822.71	72.89
		For Work In Restricted Working Space, Add	*48.60*	
40 05 23 23-1193	EA	6" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	1,384.58	91.08
		For Work In Restricted Working Space, Add	*60.72*	
40 05 23 23-1194	EA	8" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	2,184.11	157.12
		For Work In Restricted Working Space, Add	*104.74*	
40 05 23 23-1195	EA	10" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	3,166.84	209.48
		For Work In Restricted Working Space, Add	*139.66*	
40 05 23 23-1196	EA	12" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	4,644.10	314.22
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-1197	EA	14" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	6,368.07	366.61
		For Work In Restricted Working Space, Add	*244.40*	
40 05 23 23-1198	EA	16" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	7,961.54	418.17
		For Work In Restricted Working Space, Add	*278.79*	
40 05 23 23-1199	EA	18" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	10,198.69	523.71
		For Work In Restricted Working Space, Add	*349.15*	
40 05 23 23-1200	EA	20" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	12,998.02	733.20
		For Work In Restricted Working Space, Add	*488.80*	
40 05 23 23-1201	EA	24" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	18,983.99	1,047.42
		For Work In Restricted Working Space, Add	*698.29*	

40 05 23 23-1202 150#, Type 316 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1203	EA	1/2", 150#, Type 316 Stainless Steel Slip-On Flange	184.62	52.02
		For Work In Restricted Working Space, Add	*34.68*	
40 05 23 23-1204	EA	3/4", 150#, Type 316 Stainless Steel Slip-On Flange	201.04	55.21
		For Work In Restricted Working Space, Add	*36.81*	
40 05 23 23-1205	EA	1", 150#, Type 316 Stainless Steel Slip-On Flange	221.98	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-1206	EA	1-1/4", 150#, Type 316 Stainless Steel Slip-On Flange	328.02	66.19
		For Work In Restricted Working Space, Add	*44.13*	
40 05 23 23-1207	EA	1-1/2", 150#, Type 316 Stainless Steel Slip-On Flange	274.92	72.96
		For Work In Restricted Working Space, Add	*48.64*	
40 05 23 23-1208	EA	2", 150#, Type 316 Stainless Steel Slip-On Flange	293.40	81.28
		For Work In Restricted Working Space, Add	*54.19*	
40 05 23 23-1209	EA	2-1/2", 150#, Type 316 Stainless Steel Slip-On Flange	372.97	103.93
		For Work In Restricted Working Space, Add	*69.29*	
40 05 23 23-1210	EA	3", 150#, Type 316 Stainless Steel Slip-On Flange	473.46	121.68
		For Work In Restricted Working Space, Add	*81.13*	
40 05 23 23-1211	EA	4", 150#, Type 316 Stainless Steel Slip-On Flange	634.46	145.80
		For Work In Restricted Working Space, Add	*97.20*	
40 05 23 23-1212	EA	6", 150#, Type 316 Stainless Steel Slip-On Flange	874.48	182.16
		For Work In Restricted Working Space, Add	*121.45*	
40 05 23 23-1213	EA	8", 150#, Type 316 Stainless Steel Slip-On Flange	1,611.08	314.22
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-1214	EA	10" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange	2,293.67	418.97
		For Work In Restricted Working Space, Add	*279.32*	
40 05 23 23-1215	EA	12" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange	3,353.56	628.44
		For Work In Restricted Working Space, Add	*418.97*	

40 05 23 23-1216 300#, Type 316 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1217	EA	1/2" 300#, Type 316 Stainless Steel Raised Neck Slip-On Flange	221.74	52.02
		For Work In Restricted Working Space, Add	*34.68*	
40 05 23 23-1218	EA	3/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	228.85	55.21
		For Work In Restricted Working Space, Add	*36.81*	
40 05 23 23-1219	EA	1" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	241.01	60.69
		For Work In Restricted Working Space, Add	*40.46*	
40 05 23 23-1220	EA	1-1/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	320.92	66.19
		For Work In Restricted Working Space, Add	*44.13*	
40 05 23 23-1221	EA	1-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	335.96	72.96
		For Work In Restricted Working Space, Add	*48.64*	
40 05 23 23-1222	EA	2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	362.21	81.28
		For Work In Restricted Working Space, Add	*54.19*	
40 05 23 23-1223	EA	2-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	597.18	103.93
		For Work In Restricted Working Space, Add	*69.29*	
40 05 23 23-1224	EA	3" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	649.89	121.68
		For Work In Restricted Working Space, Add	*81.13*	
40 05 23 23-1225	EA	4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	865.31	145.80
		For Work In Restricted Working Space, Add	*97.20*	
40 05 23 23-1226	EA	6" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	1,403.92	182.16
		For Work In Restricted Working Space, Add	*121.45*	
40 05 23 23-1227	EA	8" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	2,001.21	314.22
		For Work In Restricted Working Space, Add	*209.49*	
40 05 23 23-1228	EA	10" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	3,445.28	418.97
		For Work In Restricted Working Space, Add	*279.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1229	EA	12" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	4,452.17	628.44
		For Work In Restricted Working Space, Add	*418.97*	

40 05 23 23-1230 150#, Type 316 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

40 05 23 23-1231	EA	1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	92.14	10.40
		For Work In Restricted Working Space, Add	*6.94*	
40 05 23 23-1232	EA	3/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	105.49	11.03
		For Work In Restricted Working Space, Add	*7.36*	
40 05 23 23-1233	EA	1", 150#, Type 316 Stainless Steel Raised Face Blind Flange	119.85	12.13
		For Work In Restricted Working Space, Add	*8.09*	
40 05 23 23-1234	EA	1-1/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	142.80	13.51
		For Work In Restricted Working Space, Add	*9.01*	
40 05 23 23-1235	EA	1-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	153.35	18.26
		For Work In Restricted Working Space, Add	*12.17*	
40 05 23 23-1236	EA	2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	195.00	20.26
		For Work In Restricted Working Space, Add	*13.51*	
40 05 23 23-1237	EA	2-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	276.83	26.06
		For Work In Restricted Working Space, Add	*17.37*	
40 05 23 23-1238	EA	3", 150#, Type 316 Stainless Steel Raised Face Blind Flange	322.63	36.51
		For Work In Restricted Working Space, Add	*24.34*	
40 05 23 23-1239	EA	4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	493.42	60.83
		For Work In Restricted Working Space, Add	*40.56*	
40 05 23 23-1240	EA	6", 150#, Type 316 Stainless Steel Raised Face Blind Flange	713.84	78.22
		For Work In Restricted Working Space, Add	*52.15*	
40 05 23 23-1241	EA	8", 150#, Type 316 Stainless Steel Raised Face Blind Flange	1,310.49	97.76
		For Work In Restricted Working Space, Add	*65.17*	
40 05 23 23-1242	EA	10", 150#, Type 316 Stainless Steel Raised Face Blind Flange	1,736.10	117.31
		For Work In Restricted Working Space, Add	*78.21*	
40 05 23 23-1243	EA	12", 150#, Type 316 Stainless Steel Raised Face Blind Flange	2,862.69	146.64
		For Work In Restricted Working Space, Add	*97.76*	
40 05 23 23-1244	EA	14", 150#, Type 316 Stainless Steel Raised Face Blind Flange	3,392.60	183.30
		For Work In Restricted Working Space, Add	*122.20*	
40 05 23 23-1245	EA	16", 150#, Type 316 Stainless Steel Raised Face Blind Flange	4,480.78	209.09
		For Work In Restricted Working Space, Add	*139.39*	
40 05 23 23-1246	EA	18", 150#, Type 316 Stainless Steel Raised Face Blind Flange	5,242.35	261.86
		For Work In Restricted Working Space, Add	*174.57*	
40 05 23 23-1247	EA	20", 150#, Type 316 Stainless Steel Raised Face Blind Flange	6,892.58	366.61
		For Work In Restricted Working Space, Add	*244.40*	
40 05 23 23-1248	EA	24", 150#, Type 316 Stainless Steel Raised Face Blind Flange	10,076.65	523.71
		For Work In Restricted Working Space, Add	*349.15*	

40 05 23 23-1249 300#, Type 316 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

40 05 23 23-1250	EA	1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	151.84	10.40
		For Work In Restricted Working Space, Add	*6.94*	
40 05 23 23-1251	EA	3/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	153.26	11.03
		For Work In Restricted Working Space, Add	*7.36*	
40 05 23 23-1252	EA	1", 300#, Type 316 Stainless Steel Raised Face Blind Flange	155.70	12.13
		For Work In Restricted Working Space, Add	*8.09*	
40 05 23 23-1253	EA	1-1/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	241.03	13.51
		For Work In Restricted Working Space, Add	*9.01*	
40 05 23 23-1254	EA	1-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	251.58	18.26
		For Work In Restricted Working Space, Add	*12.17*	
40 05 23 23-1255	EA	2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	278.56	20.26
		For Work In Restricted Working Space, Add	*13.51*	
40 05 23 23-1256	EA	2-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	477.18	26.06
		For Work In Restricted Working Space, Add	*17.37*	
40 05 23 23-1257	EA	3", 300#, Type 316 Stainless Steel Raised Face Blind Flange	513.67	36.51
		For Work In Restricted Working Space, Add	*24.34*	
40 05 23 23-1258	EA	4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	777.33	60.83
		For Work In Restricted Working Space, Add	*40.56*	
40 05 23 23-1259	EA	6", 300#, Type 316 Stainless Steel Raised Face Blind Flange	1,472.78	78.22
		For Work In Restricted Working Space, Add	*52.15*	
40 05 23 23-1260	EA	8", 300#, Type 316 Stainless Steel Raised Face Blind Flange	1,914.24	97.76
		For Work In Restricted Working Space, Add	*65.17*	
40 05 23 23-1261	EA	10", 300#, Type 316 Stainless Steel Raised Face Blind Flange	3,532.53	117.31
		For Work In Restricted Working Space, Add	*78.21*	
40 05 23 23-1262	EA	12", 300#, Type 316 Stainless Steel Raised Face Blind Flange	4,302.23	146.64
		For Work In Restricted Working Space, Add	*97.76*	
40 05 23 23-1263	EA	14", 300#, Type 316 Stainless Steel Raised Face Blind Flange	6,257.00	183.30
		For Work In Restricted Working Space, Add	*122.20*	
40 05 23 23-1264	EA	16", 300#, Type 316 Stainless Steel Raised Face Blind Flange	8,110.46	209.09
		For Work In Restricted Working Space, Add	*139.39*	
40 05 23 23-1265	EA	18", 300#, Type 316 Stainless Steel Raised Face Blind Flange	10,630.70	261.86
		For Work In Restricted Working Space, Add	*174.57*	
40 05 23 23-1266	EA	20", 300#, Type 316 Stainless Steel Raised Face Blind Flange	13,314.98	366.61
		For Work In Restricted Working Space, Add	*244.40*	
40 05 23 23-1267	EA	24", 300#, Type 316 Stainless Steel Raised Face Blind Flange	20,581.77	523.71
		For Work In Restricted Working Space, Add	*349.15*	

40 05 23 23-1268 Type 316 Seamless Annealed Tubing *(40 05 23 23)*

Note: For high pressure air (8000 PSIG working pressure).

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1269		**Type 316 Seamless Annealed Tubing** *(40 05 23 23-1268)*		
40 05 23 23-1270	LF	3/8" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .065 Wall Thickness	23.40	
40 05 23 23-1271	LF	1/2" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .083 Wall Thickness	29.63	
40 05 23 23-1272	LF	3/4" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .120 Wall Thickness	35.93	
40 05 23 23-1273		**Type 316 Seamless Annealed Tubing Fittings** *(40 05 23 23-1268)*		
		Note: Pressure rating 5000 PSI minimum. Includes front and back ferrules.		
40 05 23 23-1274	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Connector With Front And Back Ferrules	73.97	
40 05 23 23-1275	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Elbow With Front And Back Ferrules	87.38	
40 05 23 23-1276	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Tee With Front And Back Ferrules	134.66	
40 05 23 23-1277	EA	3/8" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	54.35	
40 05 23 23-1278	EA	3/8" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	89.79	
40 05 23 23-1279	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Connector With Front And Back Ferrules	69.18	
40 05 23 23-1280	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Elbow With Front And Back Ferrules	83.68	
40 05 23 23-1281	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	128.69	
40 05 23 23-1282	EA	1/2" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	81.47	
40 05 23 23-1283	EA	1/2" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	126.55	
40 05 23 23-1284	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Connector With Front And Back Ferrules	81.33	
40 05 23 23-1285	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Elbow With Front And Back Ferrules	104.28	
40 05 23 23-1286	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	171.51	
40 05 23 23-1287	EA	3/4" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	140.92	
40 05 23 23-1288	EA	3/4" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	174.23	
40 05 23 23-1289		**Valves For High Pressure Air (5,000 PSIG)** *(40 05 23 23-1268)*		
40 05 23 23-1290		**Needle Valves** *(40 05 23 23-1289)*		
40 05 23 23-1291	EA	3/8" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	308.06	
40 05 23 23-1292	EA	1/2" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	486.64	
40 05 23 23-1293		**Safety Valve (Code Stamped) Work Pressure, 6,000 PSIG** *(40 05 23 23-1289)*		
40 05 23 23-1294	EA	1/4" NPT Inlet, Safety Valve Spring Loaded 316 Stainless Steel Construction	294.77	
40 05 23 23-1295		**Other Valves Working Pressure 6,000 PSI** *(40 05 23 23-1289)*		
40 05 23 23-1296	EA	1/4" NPT Pressure Reducing Valve Spring Loaded, Stainless Steel Body, 6,000 PSIG	1,207.46	
40 05 23 23-1297	EA	1/4" NPT Pressure Gauge, Liquid Filled, 6,000 PSIG, Blow Out Back	306.42	
40 05 23 23-1298	EA	Snubber 316 Stainless Steel Body, Rated For Design Pressure With Sinterec Element	61.39	
40 05 41		**Glass Process Pipe** *(40 05)*		
40 05 41 00-0001		**Glass Pressure Pipe** *(40 05 41)*		
40 05 41 00-0002		**Glass Pipe, Beaded Joints** *(40 05 41 00-0001)*		
40 05 41 00-0003	LF	1/2" Glass Pipe, Pressure	43.63	14.98
		For Work In Restricted Working Space, Add	*8.99*	
40 05 41 00-0004	LF	3/4" Glass Pipe, Pressure	52.37	17.98
		For Work In Restricted Working Space, Add	*10.79*	
40 05 41 00-0005	LF	1" Glass Pipe, Pressure	61.28	19.98
		For Work In Restricted Working Space, Add	*11.99*	
40 05 41 00-0006	LF	1-1/2" Glass Pipe, Pressure	80.66	26.97
		For Work In Restricted Working Space, Add	*16.18*	
40 05 41 00-0007	LF	2" Glass Pipe, Pressure	99.29	31.96
		For Work In Restricted Working Space, Add	*19.18*	
40 05 41 00-0008	LF	3" Glass Pipe, Pressure	124.41	36.96
		For Work In Restricted Working Space, Add	*22.17*	
40 05 41 00-0009	LF	4" Glass Pipe, Pressure	170.61	49.94
		For Work In Restricted Working Space, Add	*29.96*	
40 05 41 00-0010	LF	6" Glass Pipe, Pressure	246.74	59.93
		For Work In Restricted Working Space, Add	*35.96*	
40 05 41 00-0011		**Glass 90 Degree Elbows** *(40 05 41 00-0001)*		
40 05 41 00-0012	EA	1/2" 90 Degree Elbow, Glass, Pressure	191.75	79.90
		For Work In Restricted Working Space, Add	*47.94*	
40 05 41 00-0013	EA	3/4" 90 Degree Elbow, Glass, Pressure	207.43	84.89
		For Work In Restricted Working Space, Add	*50.94*	
40 05 41 00-0014	EA	1" 90 Degree Elbow, Glass, Pressure	229.02	89.89
		For Work In Restricted Working Space, Add	*53.93*	
40 05 41 00-0015	EA	1-1/2" 90 Degree Elbow, Glass, Pressure	252.26	99.88
		For Work In Restricted Working Space, Add	*59.93*	
40 05 41 00-0016	EA	2" 90 Degree Elbow, Glass, Pressure	289.76	109.87
		For Work In Restricted Working Space, Add	*65.93*	
40 05 41 00-0017	EA	3" 90 Degree Elbow, Glass, Pressure	371.24	129.84
		For Work In Restricted Working Space, Add	*77.90*	
40 05 41 00-0018	EA	4" 90 Degree Elbow, Glass, Pressure	434.93	139.83
		For Work In Restricted Working Space, Add	*83.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 41 00-0019	EA	6" 90 Degree Elbow, Glass, Pressure	724.35	159.81
		For Work In Restricted Working Space, Add	*95.89*	
40 05 41 00-0020		**Glass 45 Degree Elbows** *(40 05 41 00-0001)*		
40 05 41 00-0021	EA	1/2" 45 Degree Elbow, Glass, Pressure	190.47	79.90
		For Work In Restricted Working Space, Add	*47.94*	
40 05 41 00-0022	EA	3/4" 45 Degree Elbow, Glass, Pressure	205.93	84.89
		For Work In Restricted Working Space, Add	*50.94*	
40 05 41 00-0023	EA	1" 45 Degree Elbow, Glass, Pressure	227.03	89.89
		For Work In Restricted Working Space, Add	*53.93*	
40 05 41 00-0024	EA	1-1/2" 45 Degree Elbow, Glass, Pressure	250.16	99.88
		For Work In Restricted Working Space, Add	*59.93*	
40 05 41 00-0025	EA	2" 45 Degree Elbow, Glass, Pressure	286.92	109.87
		For Work In Restricted Working Space, Add	*65.91*	
40 05 41 00-0026	EA	3" 45 Degree Elbow, Glass, Pressure	366.81	129.84
		For Work In Restricted Working Space, Add	*77.91*	
40 05 41 00-0027	EA	4" 45 Degree Elbow, Glass, Pressure	428.72	139.83
		For Work In Restricted Working Space, Add	*83.88*	
40 05 41 00-0028	EA	6" 45 Degree Elbow, Glass, Pressure	708.04	159.81
		For Work In Restricted Working Space, Add	*95.85*	
40 05 41 00-0029		**Glass Tees** *(40 05 41 00-0001)*		
40 05 41 00-0030	EA	1/2" Tee, Glass, Pressure	294.43	119.86
		For Work In Restricted Working Space, Add	*71.92*	
40 05 41 00-0031	EA	3/4" Tee, Glass, Pressure	315.12	129.84
		For Work In Restricted Working Space, Add	*77.91*	
40 05 41 00-0032	EA	1" Tee, Glass, Pressure	340.86	139.83
		For Work In Restricted Working Space, Add	*83.88*	
40 05 41 00-0033	EA	1-1/2" Tee, Glass, Pressure	389.27	149.82
		For Work In Restricted Working Space, Add	*89.87*	
40 05 41 00-0034	EA	2" Tee, Glass, Pressure	434.65	164.80
		For Work In Restricted Working Space, Add	*98.89*	
40 05 41 00-0035	EA	3" Tee, Glass, Pressure	528.58	199.76
		For Work In Restricted Working Space, Add	*119.85*	
40 05 41 00-0036	EA	4" Tee, Glass, Pressure	635.89	209.65
		For Work In Restricted Working Space, Add	*125.79*	
40 05 41 00-0037	EA	6" Tee, Glass, Pressure	857.74	239.61
		For Work In Restricted Working Space, Add	*143.78*	
40 05 41 00-0038		**Glass Couplings, Vitron Liner** *(40 05 41 00-0001)*		
40 05 41 00-0039	EA	1/2" Coupling, Vitron Liner, Glass	45.94	
40 05 41 00-0040	EA	3/4" Coupling, Vitron Liner, Glass	52.50	
40 05 41 00-0041	EA	1" Coupling, Vitron Liner, Glass	61.25	
40 05 41 00-0042	EA	1-1/2" Coupling, Vitron Liner, Glass	70.01	
40 05 41 00-0043	EA	2" Coupling, Vitron Liner, Glass	84.23	
40 05 41 00-0044	EA	3" Coupling, Vitron Liner, Glass	154.23	
40 05 41 00-0045	EA	4" Coupling, Vitron Liner, Glass	185.95	
40 05 41 00-0046	EA	6" Coupling, Vitron Liner, Glass	371.90	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

41 Material Processing and Handling Equipment

41 01 Operation and Maintenance of Material Processing and Handling Equipment *(41)*

41 01 20 Operation and Maintenance of Piece Material Handling Equipment *(41 01)*

41 01 20 13 Operation And Maintenance Of Hoists Or Cranes *(41 01 20)*

41 01 20 13-0001 Maintenance *(41 01 20 13)*

41 01 20 13-0002	EA	Regular Inspection	395.62	
41 01 20 13-0003	HR	Hoist Or Crane Servicing, Labor Only	116.36	
41 01 20 13-0004	MO	Hoist Or Crane Maintenance Contract	932.49	

41 20 Piece Material Handling Equipment *(41)*

41 22 Cranes and Hoists *(41 20)*

41 22 23 Hoists *(41 22)*

41 22 23 13 Fixed Hoists *(41 22 23)*

41 22 23 13-0001 Air-Powered Chain Hoists *(41 22 23 13)*
Note: Excludes beam.

41 22 23 13-0002	EA	500 LB Capacity, Air-Powered Chain Hoist	7,136.61	353.84
41 22 23 13-0003	EA	1,000 LB Capacity, Air-Powered Chain Hoist	7,221.08	353.84
41 22 23 13-0004	EA	2,000 LB Capacity, Air-Powered Chain Hoist	8,719.16	353.84
41 22 23 13-0005	EA	4,000 LB Capacity, Air-Powered Chain Hoist	11,017.76	471.78
41 22 23 13-0006	EA	6,000 LB Capacity, Air-Powered Chain Hoist	13,898.45	589.72
41 22 23 13-0007	EA	8,000 LB Capacity, Air-Powered Chain Hoist	16,360.41	866.66
41 22 23 13-0008	EA	10,000 LB Capacity, Air-Powered Chain Hoist	18,875.67	1,046.76
41 22 23 13-0009	EA	12,000 LB Capacity, Air-Powered Chain Hoist	19,659.42	1,046.76

41 22 23 13-0010 Electric Hoists *(41 22 23 13)*

41 22 23 13-0011 Electric Industrial Chain Hoists *(41 22 23 13-0010)*
Note: Includes 20' of chain. Excludes beams.

41 22 23 13-0012	EA	500 LB Capacity, Electric Industrial Chain Hoist	3,806.91	342.04
		For DC Electrical Operated, Add	*780.19*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0013	EA	1,000 LB Capacity, Electric Industrial Chain Hoist	3,977.39	342.04
		For DC Electrical Operated, Add	*822.35*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0014	EA	2,000 LB Capacity, Electric Industrial Chain Hoist	4,405.63	342.04
		For DC Electrical Operated, Add	*926.59*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0015	EA	3,000 LB Capacity, Electric Industrial Chain Hoist	6,688.97	353.84
		For DC Electrical Operated, Add	*1,489.95*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0016	EA	4,000 LB Capacity, Electric Industrial Chain Hoist	5,748.55	353.84
		For DC Electrical Operated, Add	*1,252.74*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0017	EA	5,000 LB Capacity, Electric Industrial Chain Hoist	8,260.53	365.63
		For DC Electrical Operated, Add	*1,871.24*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0018	EA	6,000 LB Capacity, Electric Industrial Chain Hoist	7,440.01	401.01
		For DC Electrical Operated, Add	*1,633.11*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0019	EA	7,500 LB Capacity, Electric Industrial Chain Hoist	9,229.19	495.37
		For DC Electrical Operated, Add	*2,074.63*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0020	EA	10,000 LB Capacity, Electric Industrial Chain Hoist	10,968.80	521.60
		For DC Electrical Operated, Add	*2,516.61*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0021	EA	15,000 LB Capacity, Electric Industrial Chain Hoist	17,706.88	544.28
		For DC Electrical Operated, Add	*4,154.35*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0022	EA	20,000 LB Capacity, Electric Industrial Chain Hoist	21,241.68	566.96
		For DC Electrical Operated, Add	*5,026.26*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0023	EA	25,000 LB Capacity, Electric Industrial Chain Hoist	29,453.33	589.64
		For DC Electrical Operated, Add	*7,067.07*	
		For Each LF Copper Conductor Bar, Add	*10.50*	
41 22 23 13-0024	EA	30,000 LB Capacity, Electric Industrial Chain Hoist	37,732.34	646.33
		For DC Electrical Operated, Add	*9,108.33*	
		For Each LF Copper Conductor Bar, Add	*10.50*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
41 22 23 13-0025		Hand Chain Hoists *(41 22 23 13)*		
41 22 23 13-0026	EA	1,000 LB Capacity, Hand Chain Hoist	1,711.40	141.11
41 22 23 13-0027	EA	2,000 LB Capacity, Hand Chain Hoist	2,021.30	143.04
41 22 23 13-0028	EA	3,000 LB Capacity, Hand Chain Hoist	2,722.69	149.81
41 22 23 13-0029	EA	4,000 LB Capacity, Hand Chain Hoist	3,068.11	151.74
41 22 23 13-0030	EA	5,000 LB Capacity, Hand Chain Hoist	3,707.63	159.48
41 22 23 13-0031	EA	6,000 LB Capacity, Hand Chain Hoist	4,150.50	186.53
41 22 23 13-0032	EA	10,000 LB Capacity, Hand Chain Hoist	5,768.81	192.34
41 22 23 13-0033	EA	16,000 LB Capacity, Hand Chain Hoist	7,537.42	231.96
41 22 23 13-0034	EA	20,000 LB Capacity, Hand Chain Hoist	9,215.43	242.59
41 22 23 13-0035	EA	30,000 LB Capacity, Hand Chain Hoist	16,273.40	277.39

41 50 Material Storage *(41)*

41 53 Storage Equipment and Systems *(41 50)*

41 53 13 Storage Cabinets *(41 53)*

41 53 13 00-0001		Steel Storage Cabinets *(41 53 13)* Note: Includes powder coated finish and 4 adjustable shelves.		
41 53 13 00-0002	EA	36" Width x 24" Depth x 78" Height, 22 Gauge, Welded Steel Storage Cabinet	977.04	15.07
41 53 13 00-0003	EA	36" Width x 24" Depth x 78" Height, 16 Gauge, Welded Steel Storage Cabinet	2,001.49	15.07
		For 4" High Legs, Add	*328.91*	
		For Galvanized Finish, Add	*301.00*	
41 53 13 00-0004	EA	48" Width x 24" Depth x 78" Height, 16 Gauge, Welded Steel Storage Cabinet	2,088.39	15.07
		For 4" High Legs, Add	*328.91*	
		For Galvanized Finish, Add	*301.00*	
41 53 13 00-0005	EA	60" Width x 24" Depth x 78" Height, 16 Gauge, Welded Steel Storage Cabinet	2,727.01	15.07
		For 4" High Legs, Add	*328.91*	
		For Galvanized Finish, Add	*395.00*	
41 53 13 00-0006	EA	36" Width x 24" Depth x 78" Height, 14 Gauge, Welded Steel Storage Cabinet	2,066.16	15.07
		For 4" High Legs, Add	*328.91*	
		For Galvanized Finish, Add	*395.00*	
41 53 13 00-0007	EA	48" Width x 24" Depth x 78" Height, 14 Gauge, Welded Steel Storage Cabinet	2,157.10	15.07
		For 4" High Legs, Add	*328.91*	
		For Galvanized Finish, Add	*395.00*	
41 53 13 00-0008	EA	60" Width x 24" Depth x 78" Height, 14 Gauge, Welded Steel Storage Cabinet	2,813.91	15.07
		For 4" High Legs, Add	*328.91*	
		For Galvanized Finish, Add	*395.00*	
41 53 13 00-0009		Plastic Storage Cabinets *(41 53 13)*		
41 53 13 00-0010	EA	36" Width x 22" Depth x 46" Height, Plastic Storage Cabinet Note: Includes 2 adjustable shelves.	716.40	15.07
41 53 13 00-0011	EA	36" Width x 22" Depth x 72" Height, Plastic Storage Cabinet Note: Includes 4 adjustable shelves.	888.66	15.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

43 Process Gas and Liquid Handling, Purification, and Storage Equipment

43 05 Common Work Results for Process Gas and Liquid Handling, Purification, and Storage Equipment *(43)*

43 05 10 Common Work Results for Gas Handling Equipment *(43 05)*

43 05 10 00-0001		Compressed Natural Gas Monitoring And Detection System *(43 05 10)*	
43 05 10 00-0002	EA	ISS Ethersense Controller and Display (Integrated Sensing Solutions 801-000-1340)	48,542.23
43 05 10 00-0003	EA	Controller with Timed-Delay Relay Input/Output Box (6 TD, 4 In, 4 Out) (Integrated Sensing Solutions 700-010-0200)	9,256.25
43 05 10 00-0004	EA	Gas Monitor transmitter low explosive limit and carbon monoxide (Integrated Sensing Solutions 000-000-0102)	8,380.34
43 05 10 00-0005	EA	Gas Monitor transmitter nitrous oxide (Integrated Sensing Solutions 000-000-0300)	7,158.74
43 05 10 00-0006	EA	Audio Horn/Visual Alarm, 24 Volt DC, Red Lens (Integrated Sensing Solutions 820-010-0015R)	5,311.58
43 05 10 00-0007	EA	Remote Cal Manifold, Single (Integrated Sensing Solutions 740-500-0001)	3,644.37
43 05 10 00-0008	LF	Tubing Poly Urethane. 1/8 ID x 1/4 OD Black (Integrated Sensing Solutions 000-400-0500-B)	50.86
43 05 10 00-0009	LF	Tubing Poly Urethane. 1/8 ID x 1/4 OD Blue (Integrated Sensing Solutions 000-400-0500-BL)	50.86
43 05 10 00-0010	EA	EtherSense RCS controller (auto calibration capbilites not part of this base package) (Integrated Sensing Solutions 840-100-1102)	21,315.70
43 05 10 00-0011	EA	Junction Box, Steel, No Cutouts, 15 TB. internal terminals (Integrated Sensing Solutions 700-001-0003)	2,082.19
43 05 10 00-0012	EA	Relay for control of roll up doors, EF, gas valve bypass (Veris H932)	2,389.53
43 05 10 00-0013	EA	Control Panel, indoor rated (Hoffman A24N24BLP)	2,735.87
43 05 10 00-0014	EA	Low Voltage Transformer, multiple circuit capability (Functional Devices PSH100AB10)	2,431.98
43 05 10 00-0015	EA	Autocalibration Add-On Package with internal pump controller. upgraded manifold (Integrated Sensing Solutions 700-300-1101)	71,690.79
43 05 10 00-0016	EA	RCS, Zero Gas with Manifold Regulator (Integrated Sensing Solutions 700-300-0001)	19,218.25
43 05 10 00-0017	EA	RCS, Span Gas with Manifold Regulator (Integrated Sensing Solutions 700-300-0100)	19,218.25
43 05 10 00-0018	EA	Position Indicator (Anixter 2507-AL)	1,808.42
43 05 10 00-0019	EA	Differential Pressure Switch (Dwyer MS2-D102)	2,003.68
43 05 10 00-0020		Compressed Natural Gas Monitoring And Detection System (Det-Tronics) *(43 05 10)*	
43 05 10 00-0021	EA	Wall Mount Enclosure with window cutout and print and HOAs (Det-Tronics 000001-848)	27,742.63
43 05 10 00-0022	EA	Eagle Quantum System Controller Node 246 (Det-Tronics 007609-063)	35,454.28
43 05 10 00-0023	EA	Enhanced Discrete Input/Output (EDIO) Module (Det-Tronics 009174-003)	10,712.98
43 05 10 00-0024	EA	EQ2100PSM Power Supply Monitor won board addressing (Det-Tronics 006979-001)	6,645.79
43 05 10 00-0025	EA	Wall Mount Enclosure with NEMA 4, IP66 rating (Det-Tronics)	6,857.15
43 05 10 00-0026	EA	EQ2110PS Battery Charger/Power Supply, NFPA comliant, 10 Amperes At 24 Volt DC (Det-Tronics 000604-013)	19,689.78
43 05 10 00-0027	EA	Wall Mount Bracket to use with EQ2120PS, steel painting (Det-Tronics 000508-024)	4,505.01
43 05 10 00-0028	EA	Battery Backup, leadacid top post, 100Ahr (Det-Tronics 000508-035)	2,953.02
43 05 10 00-0029	EA	Battery Enclosure for up to 2 batteries, filtered vents, indoor rated only, latching door (Det-Tronics 000505-046)	5,271.95
43 05 10 00-0030	EA	Safety System Software (S3), diagnostic tools, version 60 node, usb key and RS232 cable (Det-Tronics 007800-011)	13,161.75
43 05 10 00-0031	EA	Remote Display (English) in Enclosure, mulitple 20-character lines, reset function, silence function (Det-Tronics 000506-029)	4,387.25
43 05 10 00-0032	EA	Auto Dialer - Voice Message Type (Det-Tronics 000515-179)	872.62
43 05 10 00-0033	EA	PIRECLA4D1W2 PointWatch Eclipse IR Gas Detector, hydrophobic filtered. HART port (Det-Tronics 010195-043)	12,107.97
43 05 10 00-0034	EA	UD10A5N28W2 UD10 Universal Display. DCU emulator. FM/CSA/ATE.X/CE/IECEx (Det-Tronics 010765-006)	8,140.41
43 05 10 00-0035	EA	GTXSN26W5 GTX Toxic Gas Transmitter. FM/CSA/ATEX/CE/IECEx. ex proof. HART (Det-Tronics 009480-003)	2,792.99
43 05 10 00-0036	EA	GTSNO220PC Toxic Gas Sensor Module, FM/CSA/ATE.X/CE/IECEx (Det-Tronics 009471-016)	2,792.99
43 05 10 00-0037	EA	GTSCO100PWD Toxic Gas Sensor Module, DNV (Det-Tronics 009471-510)	3,224.77
43 05 10 00-0038	EA	Horn, 28 tone-selectable, stainless steel bracket, diode polarized (Det-Tronics 000121-381)	4,115.51
43 05 10 00-0039	EA	Strobe, xenon type, 15 joule, 60 flashes/min, with wire guard (Det-Tronics 000121-155)	3,997.74
43 05 10 00-0040		Compressed Natural Gas Monitoring Extended Warranty *(43 05 10)*	
43 05 10 00-0041	EA	1 Year Extended Warranty; Gas Detection System (Integrated Sensing Solutions 100-100-0001)	10,024.82
43 05 10 00-0042	EA	2 Year Extended Warranty; Gas Detection System (Integrated Sensing Solutions 100-100-0002)	19,268.49
43 05 10 00-0043	EA	3 Year Extended Warranty; Gas Detection System (Integrated Sensing Solutions 100-100-0003)	27,687.60
43 05 10 00-0044	EA	4 Year Extended Warranty; Gas Detection System (Integrated Sensing Solutions 100-100-0004)	35,325.56
43 05 10 00-0045	EA	5 Year Extended Warranty; Gas Detection System (Integrated Sensing Solutions 100-100-0005)	40,099.29
43 05 10 00-0046	EA	Mobile Service (Each Trip To LA); Gas Detection System (Integrated Sensing Solutions 18000004 ISS)	4,339.75

43 20 Liquid Handling Equipment *(43)*

43 23 Dry Location Liquid Pumps *(43 20)*

43 23 78 Controlled Volume Horizontal Reciprocating Pumps *(43 23)*

43 23 78 31 Controlled Volume Horizontal Mechanically-Coupled Diaphragm Simplex Reciprocating Pumps *(43 23 78)*

43 23 78 31-0001 Diaphragm Pump *(43 23 78 31)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
43 23 78 31-0002	EA	28 GPH Diaphragm Pump, Adjustable Flow 0-100% 250 PSI	4,601.53	

43 24 Suspended Liquid Pumps *(43 20)*

43 24 41 Archimedes Screw Pumps *(43 24)*

43 24 41 23 Positive-Displacement Inclined Closed-casing Archimedes Screw-type Pumps *(43 24 41)*

43 24 41 23-0001 Positive Displacement Pump *(43 24 41 23)*

43 24 41 23-0002	EA	25 GPH Positive Displacement Pump, Adjustable Flow 0-100% 200 PSI Neoprene Packing	3,780.83	

43 40 Gas and Liquid Storage *(43)*

43 42 Pressurized Tanks And Vessels *(43 40)*

43 42 41 Metallic Specialty Pressure Tanks *(43 42)*

43 42 41 00-0001 L.P.G. Tanks With Regulator And Safety Controls *(43 42 41)*

43 42 41 00-0002	EA	250 Gallon Aboveground LP Gas Storage Tank	2,052.98	128.29
43 42 41 00-0003	EA	500 Gallon Aboveground LP Gas Storage Tank	3,799.65	192.44
43 42 41 00-0004	EA	1,000 Gallon Aboveground LP Gas Storage Tank	5,443.68	205.26

END OF SECTION 43

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

46 Water And Wastewater Equipment

46 30 Water and Wastewater Chemical Feed Equipment *(46)*

46 31 Gas Chemical Feed Equipment *(46 30)*

46 31 11 Chlorine Gas Feed Equipment *(46 31)*

46 31 11 00-0001 ChlorTainer (TGO Technologies, Inc.) *(46 31 11)*

46 31 11 00-0002	EA	1.0 Ton ChlorTainer With 2 Bolt Chain Drive Door	231,194.19
46 31 11 00-0003	EA	1.0 Ton ChlorTainer With 2 Bolt Electronic Closure Door	265,748.79
46 31 11 00-0004	EA	Spare Parts Kit For 1.0 Ton ChlorTainer	14,405.54
46 31 11 00-0005	EA	Pressure Switch For 1.0 Ton ChlorTainer	2,403.52

END OF SECTION 46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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